

Radio Test Report

Report No.: RJBARR-WTW-P20100689Q

Test Model: MT7921

Received Date: 2022/10/21

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Applicant: MediaTek Inc.

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Release Control Record

Issue No.	Description	Date Issued
RJBARR-WTW-P20100689Q	Original release	2022/11/11

1 Certificate of Conformity

Product: 2TX 11ax (WiFi6) + BLE Combo Card

Brand: MediaTek

Test Model: MT7921

Sample Status: Engineering sample

Applicant: MediaTek Inc.

Standards: ARIB STD-T66 (V3.7),
MIC No.88(2004) Test method of specified radio equipments
Annex no. 43 Article 2 paragraph 1 item (19)

RCR STD-33 (V5.4),
MIC No.88(2004) Test method of specified radio equipments
Annex no. 44 Article 2 paragraph 1 item (19)-2

Certification Ordinance Article 2-1-19-3

Measurement was conducted by the temporary test method which TELEC submitted to the Minister for Internal Affairs and Communications based on the Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Article 88, Paragraph 2

This report is issued as a supplementary report. This report shall be used combined together with its original report.

Prepared by : Vito Lung , **Date:** 2022/11/11
Vito Lung / Specialist

Approved by : May Chen , **Date:** 2022/11/11
May Chen / Manager

2 General Information

2.1 General Description of EUT

Product	2TX 11ax (WiFi6) + BLE Combo Card
Brand	MediaTek
Test Model	MT7921
Status of EUT	Engineering sample
Nominal Voltage	3.3Vdc from host equipment
Modulation Type	For WLAN CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode and VHT20/40 in 2.4GHz mode 1024QAM for OFDMA in 11ax HE mode For BT-EDR: GFSK, $\pi/4$ -DQPSK, 8DPSK For BT-LE: GFSK
Modulation Technology	For WLAN: DSSS, OFDM, OFDMA For BT-EDR: FHSS For BT-LE: DTS
Transfer Rate	For WLAN 802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.7Mbps 802.11ax: up to 1201.0Mbps For BT-EDR: Up to 3 Mbps For BT-LE: Up to 2 Mbps
Operating Frequency	For WLAN 2.4GHz: 802.11b: 2412 ~ 2484 MHz 802.11g/n (HT20), VHT20, 802.11ax (HE20): 2412 ~ 2472 MHz 802.11n (HT40), VHT40, 802.11ax (HE40): 2422 ~ 2462 MHz 5GHz: 802.11a/n/ac/ax (W52+W53): 5180 ~ 5320 MHz 802.11a/n/ac/ax (W56): 5500 ~ 5720 MHz For BT: 2402 ~ 2480 MHz
Number of Channel	For WLAN 2.4GHz: 802.11b: 14 802.11g/n (HT20), VHT20, 802.11ax (HE20): 13 802.11n (HT40), VHT40, 802.11ax (HE40): 9 5GHz: (W52+W53) 802.11a/n (HT20)/ac (VHT20), 802.11ax (HE20): 8 802.11n (HT40)/ac (VHT40), 802.11ax (HE40): 4 802.11ac (VHT80), 802.11ax (HE80): 2 5GHz: (W56) 802.11a/n (HT20)/ac (VHT20), 802.11ax (HE20): 12 802.11n (HT40)/ac (VHT40), 802.11ax (HE40): 6 802.11ac (VHT80), 802.11ax (HE80): 3 For BT-EDR: 79 For BT-LE: 40

Antenna Type	Refer to note
Antenna Connector	Refer to note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. This report is issued as a supplementary report to BV CPS report as below test report:

Function	Report No.
WLAN_2.4GHz	RJBARR-WTW-P20100689N
WLAN_5GHz	
BT-EDR	
BT-LE	

2. The difference compared with original report is adding antennas and according to EUT's specification by the customer judgement, there is no additional tested.

the customer judgement, there is no additional tested.

Original										
Antenna Set	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type	Cable Length ()	Cable Loss (dB)	Excluding cable loss Antenna Gain (dBi)
1	Chain0	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	2.4~2.4835GHz : 0.5dB 5.15~5.85GHz : 0.8dB	2.92 4.67
	Chain1	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	2.4~2.4835GHz : 0.5dB 5.15~5.85GHz : 0.8dB	2.92 4.67
2	Chain0	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	included Cable loss	-
	Chain1	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	included Cable loss	-
Antenna Set	Tx Chain Main/Aux	Brand	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)		
3	Main	AWAN	AUP6Y-200005	PIFA	1dBi @ 2.4GHz 2.22dBi @ 5GHz	0.46dB@2.4GHz/ 0.73dB@5GHz	MHF4L	134		
	AUX	AWAN	AUP6Y-200005	PIFA	2.54dBi @ 2.4GHz 1.1dBi @ 5GHz	0.54dB@2.4GHz/ 0.82dB@5GHz	MHF4L	171		
4	Main	INPAQ	DQ60PLBLB36(WA-P-LBLB-04-073)	PIFA	2.0dBi @ 2.4GHz 2.09dBi @ 5GHz	0.49dB@2.4GHz/ 0.81dB@5GHz	MHF4L	134		
	AUX	INPAQ	DQ60PLBLB36(WA-P-LBLB-04-073)	PIFA	1.82dBi @ 2.4GHz 0.71dBi @ 5GHz	0.63dB@2.4GHz/ 0.98dB@5GHz	MHF4L	171		

Antenna Set	Brand	Main/Aux ant	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
5	WNC	Main	DC33002FI30/ 81EABA15.GBA	PIFA	-1.32 @ 2.4GHz 0.21 @ 5GHz	1.79 @ 2.4 2.39 @ 5	Ipex 4	556
	WNC	AUX	DC33002FI40/ 81EABA15.GBB	PIFA	-1.66 @ 2.4GHz -2.25 @ 5GHz	2.74 @ 2.4/ 3.81 @ 5	Ipex 4	891
6	WNC	Main	DC33002FL00 (81EABA15.GAM)	PIFA	2.44 @ 2.4GHz 0.88 @ 5GHz	1.47 @ 2.4/ 2.41 @ 5	Ipex 4	501
	WNC	AUX	DC33002FL10 (81EABA15.GAN)	PIFA	1.31 @ 2.4GHz 0 @ 5GHz	2.07 @ 2.4/ 3.39 @ 5	Ipex 4	704
7	WNC	Main	DC33002AA00/ 81EABA15.G13	PIFA	-1.32 @ 2.4GHz 0.21 @ 5GHz	1.79 @ 2.4/ 2.39 @ 5	Ipex 4	556
	WNC	AUX	DC33002AA10/ 81EABA15.G14	PIFA	-1.66 @ 2.4GHz -2.25 @ 5GHz	2.74 @ 2.4/ 3.81 @ 5	Ipex 4	891
8	WNC	Main	DC33002FM00 (81EABA15.GAS)	PIFA	1.18 @ 2.4GHz 1.07 @ 5GHz	1.61 @ 2.4/ 3.6 @ 5	Ipex 4	548
	WNC	AUX	DC33002FM10 (81EABA15.GAT)	PIFA	1.69 @ 2.4GHz 0.23 @ 5GHz	2.20 @ 2.4/ 3.53 @ 5	Ipex 4	747.5
9	WNC	Main	DC33002FO00/ (81EABA15.GAU)	PIFA	1.99 @ 2.4GHz 0.45 @ 5GHz	1.56 @ 2.4/ 2.55 @ 5	Ipex 4	528.5
	WNC	AUX	DC33002FO10/ (81EABA15.GAV)	PIFA	-1.88 @ 2.4GHz 0.19 @ 5GHz	1.88 @ 2.4/ 2.73 @ 5	Ipex 4	731
10	WNC	Main	DC33002FR00 (81EABA15.GAW)	PIFA	-0.58 @ 2.4GHz 1.23 @ 5GHz	1.66 @ 2.4/ 2.72 @ 5	Ipex 4	564
	WNC	AUX	DC33002FR10 (81EABA15.GAX)	PIFA	-1.06 @ 2.4GHz -1.10 @ 5GHz	1.93 @ 2.4/ 2.85 @ 5	Ipex 4	750
11	WNC	Main	DC33002FY20/ 81EABA15.GBC	PIFA	0.29 @ 2.4GHz -0.69 @ 5GHz	1.86 @ 2.4/ 12.63 @ 5	Ipex 4	724.5
	WNC	AUX	DC33002FY30/ 81EABA15.GBD	PIFA	2.83dBi @ 2.4GHz 4.34 dBi @ 5GHz	0.4 dB @ 2.4G 0.66 dB @ 5G	Ipex 4	432
12	WNC	Main	DC33002FZ20/ 81EABA15.GBE	PIFA	-0.19 @ 2.4GHz -0.42 @ 5GHz	2.05 @ 2.4/ 3.02 @ 5	Ipex 4	796
	WNC	AUX	DC33002FZ30/ 81EABA15.GBF	PIFA	1.80 @ 2.4GHz -3.22 @ 5GHz	1.21 @ 2.4/ 1.78 @ 5	Ipex 4	469
13	WNC	Main	DC33002HC00/ 81EABA15.GB9	PIFA	-1.96 @ 2.4GHz 0.28 @ 5GHz	1.44 @ 2.4/ 2.09 @ 5	Ipex 4	558.5
	WNC	AUX	DC33002HC01/ 81EABA15.GCA	PIFA	-3.23 @ 2.4GHz -1.02 @ 5GHz	2.38 @ 2.4/ 3.52 @ 5	Ipex 4	926
14	WNC	Main	81EABA15.GBR	PIFA	2.1dBi @ 2.4GHz 3.22dBi @ 5GHz	0.6dB @ 2.4GHz/ 0.99dB @ 5GHz	MHF4L	205
	WNC	AUX	81EABA15.GBS	PIFA	1.09dBi @ 2.4GHz 1.70dBi @ 5GHz	0.82dB @ 2.4GHz/ 1.30 dB @ 5GHz	MHF4L	280

Antenna Set	Brand	Main/Aux ant	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
15	WNC	Main	81.EEW15.GMK	PIFA	-0.98dBi @ 2.4GHz 3.48dBi @ 5GHz	1.22dB@2.4GHz/ 1.89dB@5GHz	MHF4L	415
	WNC	AUX	81.EEW15.GBL	PIFA	1.33dBi @ 2.4GHz 2.84dBi @ 5GHz	2.05dB@2.4GHz/ 3.16dB@5GHz	MHF4L	695
16	WNC	Main	81.EEW15.GMK	PIFA	0.8dBi @ 2.4GHz 1.74dBi @ 5GHz	0.99dB@2.4GHz/ 1.45dB@5GHz	MHF4L	400
	WNC	AUX	81.EEW15.GML	PIFA	0.94dBi @ 2.4GHz 1.77dBi @ 5GHz	1.35dB@2.4GHz/ 1.94dB@5GHz	MHF4L	480
17	AWAN	Main	AYP6Y-100155(Main1), AYP6Y-100156(Main2)	PIFA	Main1 : 0.80 dBi @ 2.4GHz 1.10 dBi @ 5GHz Main2 : 1.10 dBi @ 2.4GHz 2.10 dBi @ 5GHz	Main1 : 0.51 dB@2.4GHz/ 0.8 dB@5GHz Main2 : 0.32 dB@2.4GHz/ 0.48 dB@5GHz	I-PEX	Main1: 148 Main2: 144
	AWAN	AUX	AYP6Y-100157(AUX1), AYP6Y-100158(AUX2)	PIFA	Main1 : 0.42 dBi @ 2.4GHz 2.74 dBi @ 5GHz Main2 : 0.7 dBi @ 2.4GHz 0.75dBi @ 5GHz	Main1 : 1.01 dB@2.4GHz/ 1.58 dB@5GHz Main2 : 1.21 dB@2.4GHz/ 1.73 dB@5GHz	I-PEX	Main1: 200 Main2: 144
18	AWAN	Main	AYP6Y-100159(Main1), AYP6Y-100160(Main2)	PIFA	Main1 : 2.60 dBi @ 2.4GHz 1.80 dBi @ 5GHz Main2 : 1.80 dBi @ 2.4GHz 1.40 dBi @ 5GHz	Main1 : 0.69 dB@2.4GHz/ 1.08 dB@5GHz Main2 : 0.49 dB@2.4GHz/ 0.71 dB@5GHz	I-PEX	Main1: 200 Main2: 144
	AWAN	AUX	AYP6Y-100161(AUX1), AYP6Y-100162(AUX2)	PIFA	Main1 : 0.76 dBi @ 2.4GHz 0.24 dBi @ 5GHz Main2 : -1.54 dBi @ 2.4GHz 0.11 dBi @ 5GHz	Main1 : 1.38 dB@2.4GHz/ 2.18 dB@5GHz Main2 : 1.60 dB@2.4GHz/ 2.29 dB@5GHz	I-PEX	Main1: 403 Main2: 467
19	LUXSHARE-ICT	Main	LA9RF306-CS-H(Main1), LA9RF307-CS-H(Main2)	PIFA	Main1 : 1.0 dBi @ 2.4GHz 1.3 dBi @ 5GHz Main2 : 1.3 dBi @ 2.4GHz 2.3 dBi @ 5GHz	Main1 : 0.47 dB@2.4GHz/ 0.75 dB@5GHz Main2 : 0.31 dB@2.4GHz/ 0.49 dB@5GHz	ST-4	Main1: 148 Main2: 93
	LUXSHARE-ICT	AUX	LA9RF308-CS-H(AUX1), LA9RF309-CS-H(AUX2)	PIFA	AUX1 : 0.62 dBi @ 2.4GHz 2.84 dBi @ 5GHz AUX2 : 0.8 dBi @ 2.4GHz 0.75 dBi @ 5GHz	AUX1 : 0.9 dB@2.4GHz/ 1.44 dB@5GHz AUX2 : 1.08 dB@2.4GHz/ 1.71 dB@5GHz	ST-4	AUX1: 293 AUX2: 353

Antenna Set	Brand	Main/Aux ant	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
20	LUXSHAR E-ICT	Main	LA9RF310-CS-H(Main1), LA9RF311-CS-H(Main2)	PIFA	Main1 : 2.8dBi @ 2.4GHz 1.9dBi @ 5GHz Main2 : 1.9dBi @ 2.4GHz 1.6dBi @ 5GHz	Main1 : 0.63dB@2.4GHz/ 1.0dB@5GHz Main2 : 0.46dB@2.4GHz/ 0.7dB@5GHz	ST-4	Main1: 200 Main2: 144
	LUXSHAR E-ICT	AUX	LA9RF312-CS-H (AUX1), LA9RF313-CS-H (AUX2)	PIFA	AUX1 : 0.96dBi @ 2.4GHz -0.04dBi @ 5GHz AUX2 : 1.24dBi @ 2.4GHz 0.41dBi @ 5GHz	AUX1 : 1.23dB@2.4GHz/ 1.96dB@5GHz AUX2 : 1.42dB@2.4GHz/ 2.18dB@5GHz	ST-4	AUX1: 403 AUX2: 467
21	AWAN	Main	AYP6Y-200023	PIFA	-1.57dBi @ 2.4GHz 1.29dBi @ 5GHz	0.97dB@2.4GHz/ 1.50dB@5GHz	I-PEX	283
	AWAN	AUX	AYP6Y-200023	PIFA	-0.33dBi @ 2.4GHz 2.22dBi @ 5GHz	1.24dB@2.4GHz/ 1.82dB@5GHz	I-PEX	363
22	ASAP	Main	LA9RF297-CS-H	PIFA	-3.95dBi @ 2.4GHz 0.19dBi @ 5GHz	0.97dB@2.4GHz/ 1.5dB@5GHz	I-PEX	283
	ASAP	AUX	LA9RF297-CS-H	PIFA	-1.03dBi @ 2.4GHz 0.85dBi @ 5GHz	1.24 dB@2.4GHz/ 1.82 dB@5GHz	I-PEX	363
23	Inpaq	Main	WA-P-LB-02-707	PIFA	-1.60dBi @ 2.4GHz 2.45dBi @ 5GHz	1.21dB @2.4GHz/ 1.83dB @5GHz	I-PEX	352
	Inpaq	AUX	WA-P-LB-01-245	PIFA	0.34dBi @ 2.4GHz 1.62dBi @ 5GHz	0.99dB @2.4GHz/ 1.50dB@5GHz	I-PEX	287
24	ASAP	Main	LA9RF227-CS-H	PIFA	-0.60dBi @ 2.4GHz 2.56dBi @ 5GHz	1.21dB@2.4GHz/ 1.83dB@5GHz	I-PEX	352
	ASAP	AUX	LA9RF228-CS-H	PIFA	1.34dBi @ 2.4GHz 1.62dBi @ 5GHz	0.97dB@2.4GHz/ 1.5dB@5GHz	I-PEX	287
25	ACON, AWAN	Main	AYP6Y-100074 (Main1), AYF6Y-100031 (Main2)	PIFA	Main1 : -2.74 dBi @ 2.4GHz 1.82dBi @ 5GHz Main2 : -7.18 dBi @ 2.4GHz -1.87dBi @ 5GHz	Main1 : 1.04 dB@2.4GHz/ 1.53 dB@5GHz Main2 : 1.22 dB@2.4GHz/ 1.54dB@5GHz	I-PEX	Main:304 AUX: 356
	ACON, AWAN	AUX	AYP6Y-100074 (AUX1), AYF6Y-100030 (AUX2)	PIFA	AUX1 : -4.08 dBi @ 2.4GHz -0.53dBi @ 5GHz AUX2 : -7.71 dBi @ 2.4GHz -1.11 dBi @ 5GHz	AUX1 : 0.85 dB@2.4GHz/ 1.26 dB@5GHz AUX2 : 0.85 dB@2.4GHz/ 1.06 dB@5GHz	I-PEX	Main:250 AUX: 248
26	AWAN	Main	AYP6Y-100148	PIFA	-5.19 O46dBi @ 2.4GHz 1.79 dBi @ 5GHz	0.91 dB@2.4GHz/ 1.34 dB@5GHz	I-PEX	266
	AWAN	AUX	AYP6Y-100149	PIFA	12.23dBi @ 2.4GHz 2.59 dBi @ 5GHz	1.09 B@2.4GHz/ 1.69 dB@5GHz	I-PEX	320
27	Inpaq	Main	WA-P-LB-02-823	PIFA	-5.03 dBi @ 2.4 GHz -0.28 dBi @ 5 GHz	0.91 dB@ 2.4 GHz/ 1.41 dB @ 5 GHz	I-PEX	266
	Inpaq	AUX	WA-P-LB-01-271	PIFA	-12.41 dBi @ 2.4 GHz 2.49 dBi @ 5 GHz	1.09 dB@ 2.4 GHz/ 1.69 dB @ 5 GHz	I-PEX	320

Ant. Set	Brand	Main/ Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
28	High-Tek Electornics	Main	0ACCN019013N/ DC33002FV00	PIFA	-2.65dBi @ 2.4GHz 1.69dBi @ 5GHz	0.5dB@2.4GHz/ 0.85dB@5GHz	Speedtech	152
		AUX	0ACCN019014N/ DC33002FV10	PIFA	0.95dBi @ 2.4GHz 2.65dBi @ 5GHz	0.59dB@2.4G/ 0.95dB@5GHz	Speedtech	223
29	Yageo	Main	ANTA0AC13921WLAN1/ DC33002FU00	PIFA	-1.07dBi @ 2.4GHz 1.23dBi @ 5GHz	0.49dB@2.4GHz/ 0.8dB@5GHz	IPEX	152
		AUX	ANTA0AC13921WLAN2/ DC33002FU10	PIFA	2.04dBi @ 2.4GHz 1.3dBi @ 5GHz	0.72dB@2.4GHz/ 1.16dB@5GHz	IPEX	223
30	AWAN	Main	AYP6Y-100154 (Tx2/Rx2)	PIFA	-1.13dBi @ 2.4GHz 2.50dBi @ 5GHz	0.86dB@2.4GHz/ 1.27dB@5GHz	IPEX	252
		AUX	AYP6Y-200025 (Tx1/Rx1)	PIFA	-1.16dBi @ 2.4GHz 3.31dBi @ 5GHz	1.14dB@2.4GHz/ 1.68dB@5GHz	IPEX	334
31	ASAP	Main	LA9RF318-CS-H (TX2/RX2)	PIFA	-2.09dBi @ 2.4GHz 2.44dBi @ 5GHz	0.86dB@2.4GHz/ 1.27dB@5GHz	IPEX	252
		AUX	LA9RF303-CS-H (TX1/RX1)	PIFA	-2.07dBi @ 2.4GHz 3.0dBi @ 5GHz	1.14dB@2.4GHz/ 1.68dB@6GHz	IPEX	334
32	ASAP	Main	Main1: LA9RF314-CS-H (TX1) Main2: LA9RF316-CS-H (TX3)	PIFA	Main1: -1.43dBi @ 2.4GHz 0.30dBi @ 5GHz Main2: -8.16dBi @ 2.4GHz -2.84dBi @ 5GHz	Main1: 0.5dB@2.4GHz/ 0.78dB@5GHz Main2: 0.44dB@2.4GHz/ 0.65dB@5GHz	IPEX	Main1: 180 Main2: 158
		AUX	Aux1: LA9RF315-CS-H (TX2) Aux2: LA9RF317-CS-H (TX4)	PIFA	Aux1: -3.08dBi @ 2.4GHz -1.17dBi @ 5GHz Aux2: -6.11dBi @ 2.4GHz -1.75dBi @ 5GHz	Aux1: 1.37dB@2.4GHz/ 2.13dB@5GHz Aux2: 0.61dB@2.4GHz/ 0.91dB@5GHz	IPEX	Aux1: 493.5 Aux2: 220
33	AWAN	Main	Main1: AYP6Y-100146 (TX1) Main2: AYP6Y-100144 (TX3)	PIFA	Main1: -1.97dBi @ 2.4GHz -0.83dBi @ 5GHz Main2: -9.06dBi @ 2.4GHz -5.54dBi @ 5GHz	Main1: 0.5dB@2.4GHz/ 0.78dB@5GHz Main2: 0.44dB@2.4GHz/ 0.65dB@5GHz	IPEX	Main1:180 Main2: 158
		AUX	Aux1: AYP6Y-100147(TX2) Aux2: AYP6Y-100145 (TX4)	PIFA	Aux1: -7.04dBi @ 2.4GHz -1.44dBi @ 5GHz Aux2: -8.79dBi @ 2.4GHz -3.41dBi @ 5GHz	Aux1: 1.37dB@2.4GHz/ 2.13dB@5GHz Aux2: 0.61dB@2.4GHz/ 0.95dB@5GHz	IPEX	Aux1: 493.5 Aux2: 220
34	INPAQ	Main	Main1: WA-P-LB-02-700 (TX1) Main2: WA-P-LB-03-146 (TX3)	PIFA	Main1 : -0.63 dB @ 2.4 GHz / 2.17 dB @ 5GHz Main2 : 1.85 dB @ 2.4 GHz / 2.47 dB @ 5GHz	Main1 : 0.32 dB @ 2.4 GHz / 0.48 dB @ 5GHz Main2 : 0.43 dB @ 2.4 GHz / 0.63 dB @ 5GHz	IPEX	Main1: 108 Main2: 116
		AUX	Aux1: WA-P-LB-01-221 (TX2) Aux2: WA-P-LB-05-003 (TX4)	PIFA	Aux1 : 0.63 dB @ 2.4GHz / 1.68 dB @ 5GHz Aux2 : -0.57 dB @ 2.4GHz / 1.05 dB @ 5GHz	Aux1 : 0.29 dB @ 2.4GHz / 0.42 dB @ 5GHz Aux2 : 1.08 dB @ 2.4GHz / 1.59 dB @ 5GHz	IPEX	Aux1: 84 Aux2: 317

Ant. Set	Brand	Main/Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
35	AWAN	Main	Main1: AYP6Y-100112 (TX1) Main2: AYP6Y-100082 (TX3)	PIFA	Main1 : -0.10 dB @ 2.4 GHz / 2.04 dB @ 5GHz Main2 : 0.39 dB @ 2.4 GHz / 2.58 dB @ 5GHz	Main1 : 0.32 dB @ 2.4 GHz / 0.48 dB @ 5GHz Main2 : 0.43 dB @ 2.4 GHz / 0.63 dB @ 5GHz	IPEX	Main1: 108 Main2: 116
		AUX	AUX1: AYP6Y-100013 (TX2) AUX2: AYP6Y-100015 (TX4)	PIFA	Aux1 : 0.9 dB @ 2.4GHz / 1.67 dB @ 5GHz Aux2 : 0.17 dB @ 2.4GHz / 1.17 dB @ 5GHz	Aux1 : 0.29 dB @ 2.4GHz / 0.42 dB @ 5GHz Aux2 : 1.08 dB @ 2.4GHz / 1.59 dB @ 5GHz	IPEX	Aux1: 84 Aux2: 317
36	AWAN	Main	AYP8Y-100009 (TX1, RX1)	PIFA	-5.01dBi @ 2.4GHz -2.51dBi @ 5GHz	0.91dB@2.4GHz/ 1.34dB@5GHz	IPEX	188
		AUX	AYP8Y-100010 (TX2, RX2)	PIFA	-7.71dBi @ 2.4GHz -2.95dBi @ 5GHz	1.09dB@2.4GHz/ 1.69dB@5GHz	IPEX	335
37	ASAP	Main	LA9RF099-CS-H (TX1/RX1)	PIFA	-5.01dBi @ 2.4GHz -1.70dBi @ 5GHz	0.91dB@2.4GHz/ -1.41dB@5GHz	IPEX	188
		AUX	LA9RF107-CS-H (TX2/RX2)	PIFA	-7.64dBi @ 2.4GHz -1.42dBi @ 5GHz	1.09dB@2.4GHz/ 1.69dB@5GHz	IPEX	335
38	WNC	Main	(Open Mode) 025.901M4.0001 (81EABA15.G79)	PIFA	Main1: 3dBi @ 2.4GHz 4.26dBi @ 5GHz	0.92dB@2.4GHz/ 1.3dB@5GHz	MHF4L	357.5
		AUX	(Open Mode) 025.901M5.0001 (81EABA15.G80)	PIFA	2.98dBi @ 2.4GHz 4.35dBi @ 5GHz	1.46dB@2.4GHz/ 2.16dB@5GHz	MHF4L	569
	WNC	Main	(TB Mode) 025.901M4.0001 (81EABA15.G79)	PIFA	2.53dBi @ 2.4GHz 2.95dBi @ 5GHz	0.92dB@2.4GHz/ 1.36dB@5GHz	MHF4L	357.5
		AUX	(TB Mode) 025.901M5.0001 (81EABA15.G80)	PIFA	1.65dBi @ 2.4GHz 2.55dBi @ 5GHz	1.46dB@2.4GHz/ 2.16dB@5GHz	MHF4L	569

Ant. Set	Brand	Main/Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
39	WNC	Main1	025.901M4.0001 (81EABA15.G79)	PIFA	3dBi @ 2.4GHz 4.26dBi @ 5GHz	0.92dB @ 2.4GHz 1.3dB @ 5GHz	MHF4L	357.5
		Main2	025.901M4.0001 (81EABA15.G79)	PIFA	2.53dBi @ 2.4GHz 2.95dBi @ 5GHz	0.92dB @ 2.4GHz 1.36dB @ 5GHz	MHF4L	357.5
		Aux1	025.901M5.0001 (81EABA15.G80)	PIFA	2.98dBi @ 2.4GHz 4.35dBi @ 5GHz	1.46dB @ 2.4GHz 2.16dB @ 5GHz	MHF4L	569
		Aux2	025.901M5.0001 (81EABA15.G80)	PIFA	1.65dBi @ 2.4GHz 2.55dBi @ 5GHz	1.46dB @ 2.4GHz 2.16dB @ 5GHz	MHF4L	569
40	AWAN	Main	ANP6Y-100294	PIFA	-0.47dBi @ 2.4GHz 2.59dBi @ 5GHz	0.29dB @ 2.4GHz 0.43dB @ 5GHz	I-PEX MHF4-L	124.5
		Aux	ANP6Y-100295	PIFA	-3.28dBi @ 2.4GHz 0.83dBi @ 5GHz	0.45dB @ 2.4GHz 0.67dB @ 5GHz	I-PEX MHF4-L	192.5
41	LUXSHARE-ICT	Main	LA9RF146-CS-H	PIFA	1.3dBi @ 2.4GHz 2.75dBi @ 5GHz	0.38dB @ 2.4GHz 0.58dB @ 5GHz	I-PEX-4	122
		Aux	LA9RF147-CS-H	PIFA	-0.8dBi @ 2.4GHz 0.8dBi @ 5GHz	0.58dB @ 2.4GHz 0.95dB @ 5GHz	I-PEX-4	190
42	INPAQ	Main	WA-P-LBLB-04-087 (14008-03981000)	PIFA	-0.87dBi @ 2.4GHz 0.06dBi @ 5GHz	1.50dB @ 2.4GHz 2.33dB @ 5GHz	I-PEX(MHF4-L)	487
		Aux	WA-P-LBLB-04-087 (14008-03981000)	PIFA	0.66dBi @ 2.4GHz 1.43dBi @ 5GHz	1.72dB @ 2.4GHz 2.62dB @ 5GHz	I-PEX(MHF4-L)	487
43	INPAQ	Main	WA-P-LBLB-02-123 (14008-03980700)	PIFA	-0.87dBi @ 2.4GHz 0.06dBi @ 5GHz	1.50dB @ 2.4GHz 2.33dB @ 5GHz	I-PEX(MHF4-L)	487
		Aux	WA-P-LBLB-02-123 (14008-03980700)	PIFA	0.66dBi @ 2.4GHz 1.43dBi @ 5GHz	1.72dB @ 2.4GHz 2.62dB @ 5GHz	I-PEX(MHF4-L)	487
44	LUXSHARE-ICT	Main	LA9RF295-CS-H	PIFA	-0.78dBi @ 2.4GHz 0.14dBi @ 5GHz	1.21dB @ 2.4GHz 1.90dB @ 5GHz	I-PEX-4	487
		Aux	LA9RF295-CS-H	PIFA	0.72dBi @ 2.4GHz 1.51dBi @ 5GHz	1.65dB @ 2.4GHz 2.61dB @ 5GHz	I-PEX-4	487
45	LUXSHARE-ICT	Main	LA9RF302-CS-H	PIFA	-0.78dBi @ 2.4GHz 0.14dBi @ 5GHz	1.21dB @ 2.4GHz 1.90dB @ 5GHz	I-PEX-4	487
		Aux	LA9RF302-CS-H	PIFA	0.72dBi @ 2.4GHz 1.51dBi @ 5GHz	1.65dB @ 2.4GHz 2.61dB @ 5GHz	I-PEX-4	487
46	ADVANCED-CONNECTEK INC.	Main	AYP6Y-200003	PIFA	1.94dBi @ 2.4GHz 0.72dBi @ 5GHz	1.18dB @ 2.4GHz 2.46dB @ 5GHz	I-PEX	500
		Aux	AYP6Y-200003	PIFA	-1.04dBi @ 2.4GHz -1.77dBi @ 5GHz	2.13dB @ 2.4GHz 3.30dB @ 5GHz	I-PEX	500
47	LUXSHARE-ICT	Main	LA9RF254-CS-H	PIFA	-0.90dBi @ 2.4GHz -1.70dBi @ 5GHz	1.24dB @ 2.4GHz 1.94dB @ 5GHz	I-PEX-4	500
		Aux	LA9RF254-CS-H	PIFA	-1.8dBi @ 2.4GHz -2.2dBi @ 5GHz	1.89dB @ 2.4GHz 2.97dB @ 5GHz	I-PEX-4	500
48	INPAQ	Main	WA-P-LB-02-863 (14008-04500000)	PIFA	-2.03dBi @ 2.4GHz 1.49dBi @ 5GHz	1.12dB @ 2.4GHz 1.72dB @ 5GHz	I-PEX MHF4-L	391
		Aux	WA-P-LB-02-863 (14008-04500000)	PIFA	-2.03dBi @ 2.4GHz 1.49dBi @ 5GHz	1.12dB @ 2.4GHz 1.72dB @ 5GHz	I-PEX MHF4-L	391
	INPAQ	Main	WA-P-LB-01-279 (14008-04500100)	PIFA	-3.42dBi @ 2.4GHz -1.53dBi @ 5GHz	1.63dB @ 2.4GHz 2.52dB @ 5GHz	I-PEX MHF4-L	578
		Aux	WA-P-LB-01-279 (14008-04500100)	PIFA	-3.42dBi @ 2.4GHz -1.53dBi @ 5GHz	1.63dB @ 2.4GHz 2.52dB @ 5GHz	I-PEX MHF4-L	578
49	INPAQ	Main	WA-P-LB-02-865	PIFA	-1.77dBi @ 2.4GHz 1.28dBi @ 5GHz	0.99dB @ 2.4GHz 1.53dB @ 5GHz	I-PEX MHF4-L	355
	INPAQ	Aux	WA-P-LB-01-281	PIFA	0.47dBi @ 2.4GHz 2.23dBi @ 5GHz	1.4dB @ 2.4GHz 2.16dB @ 5GHz	I-PEX MHF4-L	502

Ant. Set	Brand	Main/Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
50	INPAQ	Main	WA-P-LBLB-02-125	PIFA	3.06dBi @ 2.4GHz 1.43dBi @ 5GHz	1.22dB @ 2.4GHz 2.12dB @ 5GHz	I-PEX MHF-4L	437
		Aux	WA-P-LBLB-02-125	PIFA	3.01dBi @ 2.4GHz 3.31dBi @ 5GHz	1.23dB @ 2.4GHz 2.13dB @ 5GHz	I-PEX MHF-4L	440
51	LUXSHARE-ICT	Main	LA9RF325-CS -H	PIFA	2.19dBi @ 2.4GHz 0.75dBi @ 5GHz	1.10dB @ 2.4GHz 1.67dB @ 5GHz	I-PEX-4	437
		Aux	LA9RF325-CS -H	PIFA	2.37dBi @ 2.4GHz -0.02dBi @ 5GHz	1.23dB @ 2.4GHz 1.87dB @ 5GHz	I-PEX-4	440
52	INPAQ	Main+Aux	DAM-I6-H-DB-800-10-17	Dipole	1.29 dBi @ 2.4GHz 1.94 dBi @ 5GHz	2dB @ 2.4GHz 4dB @ 5GHz	SMA RP PLUG	900
53	INPAQ	Main	WA-M-LB-01-075	PIFA	-2.71 dBi @ 2.4GHz -0.37 dBi @ 5GHz	1.82dB @ 2.4GHz 2.93dB @ 5GHz	I-PEX MHF4-L	590
		Aux	WA-M-LB-01-075	PIFA	-0.23 dBi @ 2.4GHz -0.3 dBi @ 5GHz	1.82dB @ 2.4GHz 2.93dB @ 5GHz	I-PEX MHF4-L	590
54	AWAN	Main	AYP6Y-200008	PIFA	2.29 dBi @ 2.4GHz 0.54 dBi @ 5GHz	1.13dB @ 2.4GHz 1.92dB @ 5GHz	I-PEX	449
		Aux	AYP6Y-200008	PIFA	1.11 dBi @ 2.4GHz 0.87 dBi @ 5GHz	1.14dB @ 2.4GHz 1.93dB @ 5GHz	I-PEX	453
55	INPAQ	Main	WA-P-LBLB-02-109	PIFA	2.16 dBi @ 2.4GHz 0.3 dBi @ 5GHz	1.36dB @ 2.4GHz 2.21dB @ 5GHz	I-PEX MHF4-L	449
		Aux	WA-P-LBLB-02-109	PIFA	-0.93 dBi @ 2.4GHz 0.61 dBi @ 5GHz	1.38dB @ 2.4GHz 2.23dB @ 5GHz	I-PEX MHF4-L	453
56	Luxshare-ICT	Main	LA9RF235-CS-H	PIFA	-2.6 dBi @ 2.4GHz -2.4 dBi @ 5GHz	1.14dB @ 2.4GHz 1.75dB @ 5GHz	I-PEX	453
		Aux	LA9RF235-CS-H	PIFA	-1.36 dBi @ 2.4GHz -2.68 dBi @ 5GHz	1.27dB @ 2.4GHz 2dB @ 5GHz	I-PEX	456
57	INPAQ	Main	WA-P-LBLB-02-097	PIFA	-4.03 dBi @ 2.4GHz -4.62 dBi @ 5GHz	1.4dB @ 2.4GHz 2.27dB @ 5GHz	I-PEX MHF4-L	453
		Aux	WA-P-LBLB-02-097	PIFA	-4.01 dBi @ 2.4GHz -4.12 dBi @ 5GHz	1.41dB @ 2.4GHz 2.28dB @ 5GHz	I-PEX MHF4-L	456
58	YAGEO	Main	ANTA0AA13792WLAN 1	PIFA	0.2 dBi @ 2.4GHz 1.6 dBi @ 5GHz	1.22dB @ 2.4GHz 1.91dB @ 5GHz	I-PEX	450
		Aux	ANTA0AA13792WLAN 1	PIFA	0.5 dBi @ 2.4GHz 2.3 dBi @ 5GHz	1.22dB @ 2.4GHz 1.91dB @ 5GHz	I-PEX	450
59	INPAQ	Main	WA-P-LBLB-02-106	PIFA	-0.4 dBi @ 2.4GHz 1.5 dBi @ 5GHz	1.43dB @ 2.4GHz 2.21dB @ 5GHz	I-PEX MHF4-L	462
		Aux	WA-P-LBLB-02-106	PIFA	0.1 dBi @ 2.4GHz 2 dBi @ 5GHz	1.43dB @ 2.4GHz 2.21dB @ 5GHz	I-PEX MHF4-L	462
60	INPAQ	Main	DAM-I3-H1-M2-800-10-66	Dipole	1.03dBi @ 2.4GHz 2.07dBi @ 5GHz	2.17dB @ 2.4GHz 3.70dB @ 5GHz	SMA RP PLUG	800
	INPAQ	Aux	DAM-I3-H1-M2-800-10-66	Dipole	2.27dBi @ 2.4GHz 2.01dBi @ 5GHz	2.17dB @ 2.4GHz 3.70dB @ 5GHz	SMA RP PLUG	800
61	INPAQ	-	DAM-J7-H-DB-800-10-34	Dipole	1.65dBi @ 2.4GHz 1.15dBi @ 5GHz	2.2dB @ 2.4GHz 4.0dB @ 5GHz	SMA RP PLUG	800
62	Luxshare-ICT	Main	LA9RF122-CS-H	Dipole	0.4dBi @ 2.4GHz 0.1dBi @ 5GHz	1.5dB @ 2.4GHz 2.5dB @ 5GHz	SMA RP PLUG	925
	Luxshare-ICT	Aux	LA9RF122-CS-H	Dipole	-0.8dBi @ 2.4GHz 2.7dBi @ 5GHz	1.5dB @ 2.4GHz 2.4dB @ 5GHz	SMA RP PLUG	925
63	Luxshare-ICT	Main	LA9RF059-CS-H	Dipole	0.3dBi @ 2.4GHz 0.2dBi @ 5GHz	1.84 dB @ 2.4GHz 2.92 dB @ 5GHz	SMA RP PLUG	925
	Luxshare-ICT	Aux	LA9RF059-CS-H	Dipole	-1.1 dBi @ 2.4GHz -1.1 dBi @ 5GHz	1.75 dB @ 2.4GHz 2.78 dB @ 5GHz	SMA RP PLUG	925
64	INPAQ	Main	DQ60PLBLB41	PIFA	-1.64dBi @ 2.4GHz -0.39dBi @ 5GHz	1.57dB @ 2.4GHz 2.55dB @ 5GHz	I-PEX MHF-4L	509
	INPAQ	Aux	DQ60PLBLB41	PIFA	-0.23dBi @ 2.4GHz -1.18dBi @ 5GHz	2.09dB @ 2.4GHz 3.25dB @ 5GHz	I-PEX MHF-4L	759

Ant. Set	Brand	Main/Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
65	High-Tek Electronics Co., Ltd	Main	DQ60ACQD083	PIFA	-2.52dBi @ 2.4GHz 1.35dBi @ 5GHz	1.41dB @ 2.4GHz 2.41dB @ 5GHz	SpeedTech (C87P115-00002-H)	509
	High-Tek Electronics Co., Ltd	Aux	DQ60ACQD083	PIFA	-2.44dBi @ 2.4GHz -0.46dBi @ 5GHz	1.74dB @ 2.4GHz 2.83dB @ 5GHz	SpeedTech (C87P118-00002-H)	759
66	Hong-Bo	Main	DQ602378500	PIFA	1.39dBi @ 2.4GHz 2.19dBi @ 5GHz	1.49dB @ 2.4GHz 2.32dB @ 5GHz	Cocentra P/N:ANC011 31-451	509
	Hong-Bo	Aux	DQ602378500	PIFA	1.57dBi @ 2.4GHz 0.63dBi @ 5GHz	1.80dB @ 2.4GHz 2.72dB @ 5GHz	Cocentra P/N:20632-001R-37	759
67	AWAN	Main	DQ60AUP6Y04	PIFA	-0.71 @ 2.4GHz -0.45 @ 5GHz	1.35dB @ 2.4GHz 2.05dB @ 5GHz	20565-001R-13	410
	AWAN	Aux	DQ60AUP6Y04	PIFA	-0.3.13 @ 2.4GHz -0.89 @ 5GHz	1.70dB @ 2.4GHz 2.81dB @ 5GHz	0565-001R-13	678
68	INPAQ	Main	DQ60PLBLB17	PIFA	-1.58 @ 2.4GHz 2.08 @ 5GHz	1.51dB @ 2.4GHz 2.35dB @ 5GHz	I-PEX MHF-4L	410
	INPAQ	Aux	DQ60PLBLB17	PIFA	-2.10 @ 2.4GHz 0.90 @ 5GHz	2.13dB @ 2.4GHz 3.45dB @ 5GHz	I-PEX MHF-4L	678
69	AWAN	Main	AYF6Y-100182	PIFA	1.04dBi @ 2.4GHz 2.38dBi @ 5GHz	0.76dB @ 2.4GHz 1.16dB @ 5GHz	I-PEX	231
	AWAN	Aux	AYF6Y-100183	PIFA	-5.47dBi @ 2.4GHz -0.09dBi @ 5GHz	1.22dB @ 2.4GHz 1.91dB @ 5GHz	I-PEX	370
70	AWAN	Main	AYF6Y-100182	PIFA	0.39dBi @ 2.4GHz 1.73dBi @ 5GHz	0.76dB @ 2.4GHz 1.16dB @ 5GHz	I-PEX	231
	AWAN	Aux	AYF6Y-100183	PIFA	-6.26dBi @ 2.4GHz -0.32dBi @ 5GHz	1.22dB @ 2.4GHz 1.96dB @ 5GHz	I-PEX	370
71	AWAN	Main	AXF6Y-100042	PIFA	-2.20dBi @ 2.4GHz 1.79dBi @ 5GHz	0.76dB @ 2.4GHz 1.22dB @ 5GHz	I-PEX	231
	AWAN	Aux	AXF6Y-100043	PIFA	-4.04dBi @ 2.4GHz -8.58dBi @ 5GHz	1.22dB @ 2.4GHz 1.85dB @ 5GHz	I-PEX	370
72	AWAN	Main	AXF6Y-100042	PIFA	-2.61dBi @ 2.4GHz 1.97dBi @ 5GHz	0.76dB @ 2.4GHz 1.16dB @ 5GHz	I-PEX	231
	AWAN	Aux	AXF6Y-100043	PIFA	-9.76dBi @ 2.4GHz -11.88dBi @ 5GHz	1.22dB @ 2.4GHz 1.96dB @ 5GHz	I-PEX	370
73	Shenzhen South Star Technology Co., LTD	Main	N12-7261-R0A	PIFA	0.75dBi @ 2.4GHz 3.02dBi @ 5GHz	0.76dB @ 2.4GHz 1.22dB @ 5GHz	I-PEX	231
	Shenzhen South Star Technology Co., LTD	Aux	N12-7262-R0A	PIFA	-10.67dBi @ 2.4GHz 3.45Bi @ 5GHz	1.22dB @ 2.4GHz 1.91dB @ 5GHz	I-PEX	370
74	Shenzhen South Star Technology Co., LTD	Main	N12-7261-R0A	PIFA	-1.16dBi @ 2.4GHz 2.25dBi @ 5GHz	0.76dB @ 2.4GHz 1.16dB @ 5GHz	I-PEX	231
	Shenzhen South Star Technology Co., LTD	Aux	N12-7262-R0A	PIFA	-13.59Bi @ 2.4GHz -5.5dBi @ 5GHz	1.22dB @ 2.4GHz 1.91dB @ 5GHz	I-PEX	370
75	ASAP	Main1	LA9RF314-CS-H (TX1)	PIFA	-1.43dBi @ 2.4GHz 0.30dBi @ 5GHz	0.5dB @ 2.4GHz 0.78dB @ 5GHz	IPEX	180
	ASAP	Aux1	LA9RF315-CS-H (TX2)	PIFA	-3.08dBi @ 2.4GHz -1.17dBi @ 5GHz	1.37dB @ 2.4GHz 2.13dB @ 5GHz	IPEX	493.5
	ASAP	Main2	LA9RF316-CS-H (TX3)	PIFA	-8.16dBi @ 2.4GHz -2.84dBi @ 5GHz	0.44dB @ 2.4GHz 0.65dB @ 5GHz	IPEX	158
	ASAP	Aux2	LA9RF317-CS-H (TX4)	PIFA	-6.11dBi @ 2.4GHz -1.75dBi @ 5GHz	0.61dB @ 2.4GHz 0.91dB @ 5GHz	IPEX	220

Ant. Set	Brand	Main/Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
76	AWAN	Main1	AYP6Y-100146 (TX1)	PIFA	-1.97dBi @ 2.4GHz -0.83dBi @ 5GHz	0.5dB @ 2.4GHz 0.78dB @ 5GHz	IPEX	180
	AWAN	Aux1	AYP6Y-100147(TX2)	PIFA	-7.04dBi @ 2.4GHz -1.44dBi @ 5GHz	1.37dB @ 2.4GHz 2.13dB @ 5GHz	IPEX	493.5
	AWAN	Main2	AYP6Y-100144 (TX3)	PIFA	-9.06dBi @ 2.4GHz -5.54dBi @ 5GHz	0.44dB @ 2.4GHz 0.66dB @ 5GHz	IPEX	158
	AWAN	Aux2	AYP6Y-100145 (TX4)	PIFA	-8.79dBi @ 2.4GHz -3.41dBi @ 5GHz	0.61dB @ 2.4GHz 0.95dB @ 5GHz	IPEX	220
77	Inpaq	Main	DC33001PA00	PIFA	0.43dBi @ 2.4GHz -1.03dBi @ 5GHz	1.36dB @ 2.4GHz 2.15dB @ 5GHz	IPEX	465
	Inpaq	Aux	DC33001PB00	PIFA	-4.04dBi @ 2.4GHz 0.09dBi @ 5GHz	1.23dB @ 2.4GHz 2.2dB @ 5GHz	IPEX	413
78	Speed Wireless Technical Co., LTD.	Main	DC33001PA00	PIFA	1.51dBi @ 2.4GHz 1.95dBi @ 5GHz	1.34dB @ 2.4GHz 2.00dB @ 5GHz	IPEX	456
	Speed Wireless Technical Co., LTD.	Aux	DC33001PB00	PIFA	0.63dBi @ 2.4GHz 0.52dBi @ 5GHz	1.21dB @ 2.4GHz 1.77dB @ 5GHz	IPEX	413
79	Luxshare-ICT	Main	DC33001TR00	PIFA	0.70dBi @ 2.4GHz 3.08dBi @ 5GHz	0.41dB @ 2.4GHz 0.63dB @ 5GHz	IPEX	140
	Luxshare-ICT	Aux	DC33001TR00	PIFA	3.03dBi @ 2.4GHz 3.21dBi @ 5GHz	0.95dB @ 2.4GHz 1.44dB @ 5GHz	IPEX	379
80	SAA	Main	DC33001TS00	PIFA	-0.06dBi @ 2.4GHz 3.07dBi @ 5GHz	0.61dB @ 2.4GHz 0.81dB @ 5GHz	IPEX	140
	SAA	Aux	DC33001TS00	PIFA	1.52dBi @ 2.4GHz 1.56dBi @ 5GHz	1.43dB @ 2.4GHz 2.06dB @ 5GHz	IPEX	379
81	Speed Wireless Technical Co., LTD.	Main	DC33001TQ00	PIFA	-0.30dBi @ 2.4GHz 3.55dBi @ 5GHz	0.34dB @ 2.4GHz 0.54dB @ 5GHz	IPEX	140
	Speed Wireless Technical Co., LTD.	Aux	DC33001TQ00	PIFA	2.67dBi @ 2.4GHz 2.53dBi @ 5GHz	0.93dB @ 2.4GHz 1.41dB @ 5GHz	IPEX	379
82	Inpaq	Main	DC33001TJ00	PIFA	1.99dBi @ 2.4GHz 1.3dBi @ 5GHz	0.93dB @ 2.4GHz 1.47dB @ 5GHz	IPEX	289
	Inpaq	Aux	DC33001TJ10	PIFA	1.4dBi @ 2.4GHz 0.62dBi @ 5GHz	1.38dB @ 2.4GHz 2.45dB @ 5GHz	IPEX	429
83	SAA	Main	DC33001TK00	PIFA	2.9dBi @ 2.4GHz 4.54dBi @ 5GHz	1.1dB @ 2.4GHz 1.33dB @ 5GHz	IPEX	289
	SAA	Aux	DC33001TK10	PIFA	2.26dBi @ 2.4GHz 3.99dBi @ 5GHz	1.22dB @ 2.4GHz 1.80dB @ 5GHz	IPEX	429
84	Speed Wireless Technical Co., LTD.	Main	DC33001TL00	PIFA	2.97dBi @ 2.4GHz 4.49dBi @ 5GHz	0.71dB @ 2.4GHz 1.10dB @ 5GHz	IPEX	289
	Speed Wireless Technical Co., LTD.	Aux	DC33001TL10	PIFA	2.15dBi @ 2.4GHz 4.25dBi @ 5GHz	1.05dB @ 2.4GHz 1.64dB @ 5GHz	IPEX	429
85	AWAN	Main	DC33001P200	PIFA	1.16dBi @ 2.4GHz 1.57dBi @ 5GHz	0.22dB @ 2.4GHz 0.37dB @ 5GHz	IPEX	87
	AWAN	Aux	DC33001P210	PIFA	-3.35dBi @ 2.4GHz 2.51dBi @ 5GHz	0.66dB @ 2.4GHz 1.13dB @ 5GHz	IPEX	265
86	Luxshare-ICT	Main	DC33001NW00	PIFA	-1.44dBi @ 2.4GHz 0.14dBi @ 5GHz	0.22dB @ 2.4GHz 0.35dB @ 5GHz	IPEX	91.5
	Luxshare-ICT	Aux	DC33001NW10	PIFA	-2.97dBi @ 2.4GHz -0.46dBi @ 5GHz	0.66dB @ 2.4GHz 1.04dB @ 5GHz	IPEX	369.5

Ant. Set	Brand	Main/Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
87	Amphenol	Main	DC33001N000	PIFA	-0.36dBi @ 2.4GHz -1.43dBi @ 5GHz	0.96dB @ 2.4GHz 1.30dB @ 5GHz	IPEX	330.5
	Amphenol	Aux	DC33001N000	PIFA	-1.88dBi @ 2.4GHz -1.65dBi @ 5GHz	1.17dB @ 2.4GHz 1.57dB @ 5GHz	IPEX	392.5
88	Amphenol	Main	DC33001N100	PIFA	0.45dBi @ 2.4GHz 0.13dBi @ 5GHz	0.96dB @ 2.4GHz 1.30dB @ 5GHz	IPEX	330
	Amphenol	Aux	DC33001N100	PIFA	-3.32dBi @ 2.4GHz 0.75dBi @ 5GHz	1.17dB @ 2.4GHz 1.57dB @ 5GHz	IPEX	390.6
89	LUXSHAR E-ICT	Main	DC33001MX00	PIFA	-2.00dBi @ 2.4GHz -0.96dBi @ 5GHz	0.73dB @ 2.4GHz 1.14dB @ 5GHz	IPEX	300
	LUXSHAR E-ICT	Aux	DC33001MX00	PIFA	-0.54dBi @ 2.4GHz -1.17dBi @ 5GHz	0.73dB @ 2.4GHz 1.11dB @ 5GHz	IPEX	300
90	LUXSHAR E-ICT	Main	DC33001MW00	PIFA	0.47dBi @ 2.4GHz -2.18dBi @ 5GHz	0.73dB @ 2.4GHz 1.11dB @ 5GHz	IPEX	300
	LUXSHAR E-ICT	Aux	DC33001MW00	PIFA	-0.89dBi @ 2.4GHz -2.42dBi @ 5GHz	0.73dB @ 2.4GHz 1.14dB @ 5GHz	IPEX	300
91	Speed Wireless Technical Co., LTD.	Main	DC33001MY00	PIFA	2.62dBi @ 2.4GHz 1.79dBi @ 5GHz	0.88dB @ 2.4GHz 1.31dB @ 5GHz	IPEX	300
	Speed Wireless Technical Co., LTD.	Aux	DC33001MY00	PIFA	1.09dBi @ 2.4GHz 0.82dBi @ 5GHz	1.11dB @ 2.4GHz 1.66dB @ 5GHz	IPEX	379
92	Speed Wireless Technical Co., LTD.	Main	DC33001MZ00	PIFA	0.82dBi @ 2.4GHz 2.88dBi @ 5GHz	0.88dB @ 2.4GHz 1.31dB @ 5GHz	IPEX	300
	Speed Wireless Technical Co., LTD.	Aux	DC33001MZ00	PIFA	1.57dBi @ 2.4GHz 2.88dBi @ 5GHz	1.08dB @ 2.4GHz 1.68dB @ 5GHz	IPEX	369
93	Amphenol	Main	DC33001MU00	PIFA	1.39dBi @ 2.4GHz 0.12dBi @ 5GHz	1.12dB @ 2.4GHz 1.54dB @ 5GHz	IPEX	385
	Amphenol	Aux	DC33001MU00	PIFA	-4.20dBi @ 2.4GHz -2.85dBi @ 5GHz	1.26dB @ 2.4GHz 1.74dB @ 5GHz	IPEX	436
94	LUXSHAR E-ICT	Main	DC33001MT00	PIFA	-2.20dBi @ 2.4GHz -2.33dBi @ 5GHz	0.84dB @ 2.4GHz 1.32dB @ 5GHz	IPEX	348
	LUXSHAR E-ICT	Aux	DC33001MT00	PIFA	-0.73dBi @ 2.4GHz -3.57dBi @ 5GHz	0.85dB @ 2.4GHz 1.33dB @ 5GHz	IPEX	350
95	Speed Wireless Technical Co., LTD.	Main	DC33001MS00	PIFA	-1.59dBi @ 2.4GHz 2.91dBi @ 5GHz	1.02dB @ 2.4GHz 1.52dB @ 5GHz	IPEX	348
	Speed Wireless Technical Co., LTD.	Aux	DC33001MS00	PIFA	0.85dBi @ 2.4GHz 0.87dBi @ 5GHz	1.30dB @ 2.4GHz 1.94dB @ 5GHz	IPEX	444
96	Luxshare-ICT	Main	DC33001U000	PIFA	1.62dBi @ 2.4GHz 3.13dBi @ 5GHz	0.44dB @ 2.4GHz 0.69dB @ 5GHz	IPEX	158
	Luxshare-ICT	Aux	DC33001U000	PIFA	2.19dBi @ 2.4GHz 2.76dBi @ 5GHz	1.21dB @ 2.4GHz 1.90dB @ 5GHz	IPEX	472
97	Speed Wireless Technical Co., LTD.	Main	DC33001TZ00	PIFA	1.45dBi @ 2.4GHz 3.15dBi @ 5GHz	0.39dB @ 2.4GHz 0.60dB @ 5GHz	IPEX	158
	Speed Wireless Technical Co., LTD.	Aux	DC33001TZ00	PIFA	2.3dBi @ 2.4GHz 3.58dBi @ 5GHz	1.16dB @ 2.4GHz 1.82dB @ 5GHz	IPEX	472
98	SAA	Main	DC33001TH00	PIFA	3.11dBi @ 2.4GHz 4.68dBi @ 5GHz	0.88dB @ 2.4GHz 1.23dB @ 5GHz	IPEX	303.3
	SAA	Aux	DC33001TH10	PIFA	2.47dBi @ 2.4GHz 2.68dBi @ 5GHz	1.31dB @ 2.4GHz 1.80dB @ 5GHz	IPEX	451.3

Ant. Set	Brand	Main/Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
99	Speed Wireless Technical Co., LTD.	Main	DC33001TG00	PIFA	1.4dBi @ 2.4GHz 2.69dBi @ 5GHz	0.74dB @ 2.4GHz 1.16dB @ 5GHz	IPEX	303
	Speed Wireless Technical Co., LTD.	Aux	DC33001TG10	PIFA	2.81dBi @ 2.4GHz 2.58dBi @ 5GHz	1.11dB @ 2.4GHz 1.67dB @ 5GHz	IPEX	451
100	AWAN	Main	025.901MZ.0001	PIFA	1.23dBi @ 2.4GHz -0.12dBi @ 5GHz	0.33dB @ 2.4GHz 0.50dB @ 5GHz	IPEX	100
	AWAN	Aux	025.901N0.0001	PIFA	0.73dBi @ 2.4GHz -0.88dBi @ 5GHz	1.07dB @ 2.4GHz 1.63dB @ 5GHz	IPEX	325
101	AWAN	Main	025.901N2.0001	PIFA	-3.24dBi @ 2.4GHz -3.09dBi @ 5GHz	0.29dB @ 2.4GHz 0.46dB @ 5GHz	IPEX	87
	AWAN	Aux	025.901N1.0001	PIFA	-4.94dBi @ 2.4GHz -5.78dBi @ 5GHz	1.38dB @ 2.4GHz 2.09dB @ 5GHz	IPEX	417
102	High-Tek Electronics Co., Ltd	Main	025.901N3.0001	PIFA	2.95dBi @ 2.4GHz 2.54dBi @ 5GHz	0.33dB @ 2.4GHz 0.52dB @ 5GHz	IPEX	100
	High-Tek Electronics Co., Ltd	Aux	025.901N4.0001	PIFA	1.27dBi @ 2.4GHz 0.83dBi @ 5GHz	1.06dB @ 2.4GHz 1.58dB @ 5GHz	IPEX	325
103	High-Tek Electronics Co., Ltd	Main	025.901N5.0001	PIFA	2.62dBi @ 2.4GHz 2.99dBi @ 5GHz	0.28dB @ 2.4GHz 0.45dB @ 5GHz	IPEX	87
	High-Tek Electronics Co., Ltd	Aux	025.901N6.0001	PIFA	1.61dBi @ 2.4GHz 2.16dBi @ 5GHz	1.36dB @ 2.4GHz 2.03dB @ 5GHz	IPEX	417
104	FOXCONN	Main	ANEP2M1-CZZ02-EH	Dipole	0.75dBi @ 2.4GHz 3.59dBi @ 5GHz	N.A.	SMA RP PLUG	0
	FOXCONN	Aux	ANEP2M1-CZZ02-EH	Dipole	0.75dBi @ 2.4GHz 3.59dBi @ 5GHz	N.A.	SMA RP PLUG	0
105	INPAQ	Main	DAM-D2-H-N0-000-04-02	Dipole	2.4dBi @ 2.4GHz 3.5dBi @ 5GHz	N.A.	SMA RP PLUG	0
	INPAQ	Aux	DAM-D2-H-N0-000-04-02	Dipole	2.4dBi @ 2.4GHz 3.5dBi @ 5GHz	N.A.	SMA RP PLUG	0
106	ELITEGROUP	Main	T-543-9291175-2	PIFA	-1.34dBi @ 2.4GHz -1.30dBi @ 5GHz	1.0dB @ 2.4GHz 1.71dB @ 5GHz	IPEX	322
	ELITEGROUP	Aux	T-543-9291175-1	PIFA	1.39dBi @ 2.4GHz -1.28dBi @ 5GHz	0.52dB @ 2.4GHz 0.84dB @ 5GHz	IPEX	168
107	INPAQ	Main	12CR5-1ANTA2-51R (DAM-J8-K1-DB-800-10-25)	PIFA	2.32dBi @ 2.4GHz 2.82dBi @ 5GHz	N.A.	SMA RP PLUG	800
	INPAQ	Aux	12CR5-1ANTA2-51R (DAM-J8-K1-DB-800-10-25)	PIFA	2.38dBi @ 2.4GHz 2.96dBi @ 5GHz	N.A.	SMA RP PLUG	800
108	INPAQ	Main	12CR5-1ANTA2-61R(DAM-J9-K1-DB-800-10-70)	PIFA	2.25dBi @ 2.4GHz 2.79dBi @ 5GHz	N.A.	SMA RP PLUG	800
	INPAQ	Aux	12CR5-1ANTA2-61R(DAM-J9-K1-DB-800-10-70)	PIFA	2.30dBi @ 2.4GHz 2.99dBi @ 5GHz	N.A.	SMA RP PLUG	800
109	WNC	Main	13-130-002144	PIFA	-3.46dBi @ 2.4GHz -0.27dBi @ 5GHz	2.40dB @ 2.4GHz 3.71dB @ 5GHz	MHF4L	665
	WNC	Aux	13-130-002145	PIFA	-2.29dBi @ 2.4GHz 2.03dBi @ 5GHz	2.40dB @ 2.4GHz 3.52dB @ 5GHz	MHF4L	665

Ant. Set	Brand	Main/Aux	Model	Antenna Type	Peak gain with cable loss	Cable Loss	Connector Type	Cable Length (mm)
110	WNC	Main	13-130-002144	PIFA	-3.46dBi @ 2.4GHz -0.27dBi @ 5GHz	2.40dB @ 2.4GHz 3.71dB @ 5GHz	MHF4L	665
	WNC	Aux	13-130-002145	PIFA	-1.34dBi @ 2.4GHz 2.06dBi @ 5GHz	1.91dB @ 2.4GHz 3.13dB @ 5GHz	MHF4L	665
111	WNC	Main	13-130-002144	PIFA	-2.56dBi @ 2.4GHz 1.45dBi @ 5GHz	2.40dB @ 2.4GHz 3.64dB @ 5GHz	MHF4L	665
	WNC	Aux	13-130-002145	PIFA	-2.28dBi @ 2.4GHz 2.58dBi @ 5GHz	2.40dB @ 2.4GHz 3.71dB @ 5GHz	MHF4L	665
112	WNC	Main	13-130-002144	PIFA	-2.00dBi @ 2.4GHz 2.76dBi @ 5GHz	2.40dB @ 2.4GHz 3.71dB @ 5GHz	MHF4L	665
	WNC	Aux	13-130-002145	PIFA	-1.76dBi @ 2.4GHz 2.10dBi @ 5GHz	2.40dB @ 2.4GHz 3.52dB @ 5GHz	MHF4L	665
113	WNC	Main	13-130-002149	PIFA	-1.22dBi @ 2.4GHz 0.81dBi @ 5GHz	1.65dB @ 2.4GHz 2.54dB @ 5GHz	MHF4L	559
	WNC	Aux	13-130-004142	PIFA	-1.26dBi @ 2.4GHz 2.25dBi @ 5GHz	1.59dB @ 2.4GHz 2.45dB @ 5GHz	MHF4L	539
114	High-Tek Electronics Co., Ltd	Main	DQ60ACQD085	PIFA	-1.81dBi @ 2.4GHz -0.67dBi @ 5GHz	1.09dB @ 2.4GHz 1.70dB @ 5GHz	SpeedTech	395
	High-Tek Electronics Co., Ltd	Aux	DQ60ACQD085	PIFA	-2.38dBi @ 2.4GHz 0.36dBi @ 5GHz	1.63dB @ 2.4GHz 2.54dB @ 5GHz	SpeedTech	589
115	Hong-Bo	Main	DQ602378300	PIFA	-1.68dBi @ 2.4GHz 0.09dBi @ 5GHz	1.16dB @ 2.4GHz 1.80dB @ 5GHz	Cocentra	395
	Hong-Bo	Aux	DQ602378300	PIFA	-1.84dBi @ 2.4GHz -0.73dBi @ 5GHz	1.73dB @ 2.4GHz 2.58dB @ 5GHz	Cocentra	589
116	Inpaq	Main	025.901SM.0021	PIFA	0.0dBi @ 2.4GHz/ -0.59dBi @ 5GHz	1.11dBi @ 2.4GHz 1.79dBi @ 5GHz	i-pex(MHF)	358
	Inpaq	Aux	025.901SM.0031	PIFA	0.11dBi @ 2.4GHz/ 0.36dBi @ 5GHz	1.10dBi @ 2.4GHz 1.78dBi @ 5GHz	i-pex(MHF)	356
117	Inpaq	Main	025.901SM.0021	PIFA	-3.81dBi @ 2.4GHz/ -0.31dBi @ 5GHz	1.11dBi @ 2.4GHz 1.71dBi @ 5GHz	i-pex(MHF)	358
	Inpaq	Aux	025.901SM.0031	PIFA	-3.3dBi @ 2.4GHz/ -0.37dBi @ 5GHz	1.10dBi @ 2.4GHz 1.78dBi @ 5GHz	i-pex(MHF)	356
118	Inpaq	Main	025.901SM.0021	PIFA	-2.22dBi @ 2.4GHz/ -1.68dBi @ 5GHz	-1.11dBi @ 2.4GHz 1.69dBi @ 5GHz	i-pex(MHF)	358
	Inpaq	Aux	025.901SM.0031	PIFA	-0.99dBi @ 2.4GHz/ 0.25dBi @ 5GHz	0.10dBi @ 2.4GHz 1.78dBi @ 5GHz	i-pex(MHF)	356
119	WNC	Main	025.901SM.0001	PIFA	-1.42dBi @ 2.4GHz/ 2.11dBi @ 5GHz	-0.92dBi @ 2.4GHz 1.36dBi @ 5GHz	i-pex(MHF)	358
	WNC	Aux	025.901SM.0011	PIFA	-1.84dBi @ 2.4GHz/ 0.68dBi @ 5GHz	-0.92dBi @ 2.4GHz 1.29dBi @ 5GHz	i-pex(MHF)	356
120	WNC	Main	025.901SM.0001	PIFA	-1.33dBi @ 2.4GHz/ 2.58dBi @ 5GHz	0.92dBi @ 2.4GHz 1.36dBi @ 5GHz	i-pex(MHF)	358
	WNC	Aux	025.901SM.0011	PIFA	-1.56dBi @ 2.4GHz/ -1.25dBi @ 5GHz	0.92dBi @ 2.4GHz 1.35dBi @ 5GHz	i-pex(MHF)	356
121	WNC	Main	025.901SM.0001	PIFA	-1.98dBi @ 2.4GHz/ 2.41dBi @ 5GHz	0.92dBi @ 2.4GHz 1.34dBi @ 5GHz	i-pex(MHF)	358
	WNC	Aux	025.901SM.0011	PIFA	0.15dBi @ 2.4GHz/ -0.17dBi @ 5GHz	0.92dBi @ 2.4GHz 1.35dBi @ 5GHz	i-pex(MHF)	356

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
122	High-Tek Electronics Co., Ltd	Main	025.901UF.0001	1.74dBi @ 2.4GHz 1.29dBi @ 5GHz	Included cable loss	PIFA	I-pex	185
		Aux	025.901UG.0001	-0.08dBi @ 2.4GHz 0.09dBi @ 5GHz				543
123	IPNAQ	Main	025.901UD.0001	1.86dBi @ 2.4GHz -0.52dBi @ 5GHz	Included cable loss	PIFA	I-pex	185
		Aux	025.901UE.0001	0.21dBi @ 2.4GHz 1.67dBi @ 5GHz				543
124	AWAN	Main	025.901TV.0001	-0.53dBi @ 2.4GHz 0.22dBi @ 5GHz	Included cable loss	PIFA	I-pex	346
		Aux	025.901TV.0001	-0.8dBi @ 2.4GHz 0.49dBi @ 5GHz				566
125	IPNAQ	Main	025.901TT.0001	0.71dBi @ 2.4GHz 1.90dBi @ 5GHz	Included cable loss	PIFA	I-pex	346
		Aux	025.901TT.0001	0.43dBi @ 2.4GHz -1.02dBi @ 5GHz				566
126	AWAN	Main	025.901U7.0001	-0.6dBi @ 2.4GHz -2.08dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: 20565-001R-13	386
		Aux	025.901U8.0001	0.45dBi @ 2.4GHz -1dBi @ 5GHz				530
127	AWAN	Main	025.901U3.0001	0.93dBi @ 2.4GHz 1.68dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: 20572-001R-08	47
		Aux	025.901U4.0001	1.52dBi @ 2.4GHz 0.93dBi @ 5GHz				150
128	IPNAQ	Main	025.901U5.0001	0.14dBi @ 2.4GHz 1.09dBi @ 5GHz	Included cable loss	PIFA	I-PEX MHF-4L	390
		Aux	025.901U6.0001	2.22dBi @ 2.4GHz 1.40dBi @ 5GHz				525
129	IPNAQ	Main	025.901U1.0001	-1.26dBi @ 2.4GHz 1.06dBi @ 5GHz	Included cable loss	PIFA	I-PEX MHF-4L	47
		Aux	025.901U2.0001	-1.46dBi @ 2.4GHz 0.65dBi @ 5GHz				150
130	AWAN	Main	025.901UB.0001	0.96dBi @ 2.4GHz -0.21dBi @ 5GHz	Included cable loss	PIFA	I-pex	386
		Aux	025.901UC.0001	-2.90dBi @ 2.4GHz -0.21dBi @ 5GHz				530
131	IPNAQ	Main	025.901U9.0001	1.19dBi @ 2.4GHz 0.77dBi @ 5GHz	Included cable loss	PIFA	I-pex	390
		Aux	025.901UA.0001	-1.55dBi @ 2.4GHz 2.34dBi @ 5GHz				525
132	Amphenol	Main	DC33001MD00	0.19 dBi @ 2.4GHz -1.10dBi @ 5GHz	Included cable loss	PIFA	i-pex	340
		Aux	DC33001MD10	1.33dBi @ 2.4GHz -1.41dBi @ 5GHz				580
133	Amphenol	Main	DC33001MD20	1.91dBi @ 2.4GHz 1.88dBi @ 5GHz	Included cable loss	PIFA	i-pex	340
		Aux	DC33001MD30	1.86dBi @ 2.4GHz -0.43dBi @ 5GHz				580

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
134	LUXSHARE-ICT	Main	DC33001MC00	1.8dBi @ 2.4GHz -0.2dBi @ 5GHz	Included cable loss	PIFA	i-pex	340
		Aux	DC33001MC10	1.0dBi @ 2.4GHz -0.1dBi @ 5GHz				580
135	LUXSHARE-ICT	Main	DC33001MC20	-3.3 dBi@ 2.4GHz 2.5 dBi@ 5GHz	Included cable loss	PIFA	i-pex	340
		Aux	DC33001MC30	-2.3dBi @ 2.4GHz 1.4 dBi@ 5GHz				580
136	Speedwire	Main	DC33001MB00	1.87dBi @ 2.4GHz 2.7dBi @ 5GHz	Included cable loss	PIFA	i-pex	340
		Aux	DC33001MB10	1.95dBi @ 2.4GHz 1.93dBi @ 5GHz				580
137	Speedwire	Main	DC33001MB20	0.23 dBi@ 2.4GHz 2.6dBi @ 5GHz	Included cable loss	PIFA	i-pex	340
		Aux	DC33001MB30	0.95dBi@ 2.4GHz 0.6 dBi@ 5GHz				580
138	LUXSHARE-ICT	Main	DC33001MJ00	0.2dBi @ 2.4GHz 1.4dBi @ 5GHz	Included cable loss	PIFA	i-pex	381
		Aux	DC33001MJ10	-0.6 @ 2.4GHz 0.4 @ 5GHz				626.2
139	Speed	Main	DC33001MH00	1.63 @ 2.4GHz 1.86 @ 5GHz	Included cable loss	PIFA	i-pex	381
		Aux	DC33001MH10	-0.88 @ 2.4GHz -0.45 @ 5GHz				626.5
140	LUXSHARE-ICT	Main	DC33001MG00	-3.5 @ 2.4GHz -1.0 @ 5GHz	Included cable loss	PIFA	i-pex	348
		Aux	DC33001MG10	-1.2dBi @ 2.4GHz -2.0 dBi@ 5GHz				620
141	Speed	Main	DC33001MF00	-1.01dBi @ 2.4GHz -0.05dBi @ 5GHz	Included cable loss	PIFA	i-pex	345
		Aux	DC33001MF10	0.70 dBi@ 2.4GHz -1.41dBi @ 5GHz				620
142	Speed	Main	DC33001MF20	-1.01dBi@ 2.4GHz -0.05dBi @ 5GHz	Included cable loss	PIFA	i-pex	345
		Aux	DC33001MF30	0.7dBi@ 2.4GHz -1.41dBi @ 5GHz				620
143	Hong-Bo Co., Ltd	Main	DC33001ME00	-2.5 dBi@ 2.4GHz -0.07dBi @ 5GHz	Included cable loss	PIFA	ST-4 PN: 20572-001R081	345
		Aux	DC33001ME10	-1.09dBi@ 2.4GHz -1.13dBi @ 5GHz				620
144	Hong-Bo Co., Ltd	Main	DC33001PK00	-2.5 dBi@ 2.4GHz -0.07dBi @ 5GHz	Included cable loss	PIFA	ST-4 PN: 20572-001R081	345
		Aux	DC33001PK10	-1.09dBi @ 2.4GHz -1.13dBi @ 5GHz				620
145	High-Tek Electronics Co., Ltd	Main	025.901JG.0011 (TX1, RX1)	-0.89dBi @ 2.4GHz 1.44dBi @ 5GHz	Included cable loss	PIFA	I-pex	198
		Aux	025.901JH.0011 (TX2, RX2)	-1.97dBi @ 2.4GHz -0.75dBi @ 5GHz				477
146	AWAN	Main	025.901JG.0021 (TX1, RX1)	-1.69dBi @ 2.4GHz 0.2dBi @ 5GHz	Included cable loss	PIFA	I-pex	198
		Aux	025.901JH.0021 (TX2, RX2)	-2.55dBi @ 2.4GHz 1.91dBi @ 5GHz		PIFA		477

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
147	Amphenol Taiwan Corporation	Main	DC33001JL00	-2.87dBi @ 2.4GHz -0.41dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: U.FL-2LP-XXX	372
		Aux	DC33001JL10	-3.67dBi @ 2.4GHz -0.3dBi @ 5GHz				510
148	Amphenol Taiwan Corporation	Main	DC33001JL20	-2.87dBi @ 2.4GHz -0.41dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: U.FL-2LP-XXX	372
		Aux	DC33001JL30	-3.67dBi @ 2.4GHz -0.3dBi @ 5GHz				510
149	LUXSHARE-ICT	Main	DC33001JK00	-1.5dBi @ 2.4GHz 0.3dBi @ 5GHz	Included cable loss	PIFA	ST-4 PN: C87P115-00002-H	372
		Aux	DC33001JK10	0.5dBi @ 2.4GHz 1.8dBi @ 5GHz				510
150	LUXSHARE-ICT	Main	DC33001JK20	-1.5dBi @ 2.4GHz 0.3dBi @ 5GHz	Included cable loss	PIFA	ST-4 PN: C87P115-00002-H	372
		Aux	DC33001JK30	0.5dBi @ 2.4GHz 1.8dBi @ 5GHz				510
151	Speedwire	Main	DC33001JJ00	-1.46dBi @ 2.4GHz -0.55dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: SY081L	372
		Aux	DC33001JJ10	0.47dBi @ 2.4GHz -0.53dBi @ 5GHz				510
152	Speedwire	Main	DC33001JJ20	-1.46dBi @ 2.4GHz -0.55dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: SY081L	372
		Aux	DC33001JJ30	0.47dBi @ 2.4GHz -0.53dBi @ 5GHz				510
153	LUXSHARE-ICT	Main	DC33001LL10	-1.4dBi @ 2.4GHz -1.5dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: C87P115-00002-H	296
		Aux	DC33001LL00	-0.3dBi @ 2.4GHz -1.4dBi @ 5GHz				435
154	LUXSHAR E-ICT	Main	DC33001LL30	-1.4dBi @ 2.4GHz -1.5dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: C87P115-00002-H	296
		Aux	DC33001LL20	-0.3dBi @ 2.4GHz -1.4dBi @ 5GHz				435
155	Speedwire	Main	DC33001LK10	-1.75dBi @ 2.4GHz -0.06dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: RF 0.81LL	296
		Aux	DC33001LK00	0.69dBi @ 2.4GHz -1.06dBi @ 5GHz				435
156	Speedwire	Main	DC33001LK30	-1.75dBi @ 2.4GHz -0.06dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: RF 0.81LL	296
		Aux	DC33001LK20	0.69dBi @ 2.4GHz -1.06dBi @ 5GHz				430
157	LUXSHAR E-ICT	Main	DC33001KU10	1.5dBi @ 2.4GHz -1.2dBi @ 5GHz	Included cable loss	PIFA	ST-4 PN: C87P115-00002-H	307
		Aux	DC33001KU00	-0.1dBi @ 2.4GHz -1.2dBi @ 5GHz				463
158	LUXSHAR E-ICT	Main	DC33001KU30	1.5dBi @ 2.4GHz -1.2dBi @ 5GHz	Included cable loss	PIFA	ST-4 PN: C87P115-00002-H	307
		Aux	DC33001KU20	-0.1dBi @ 2.4GHz -1.2dBi @ 5GHz				463
159	Speedwire	Main	DC33001KQ10	-0.47dBi @ 2.4GHz -1.23dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: RF 0.81LL	307
		Aux	DC33001KQ00	1.2dBi @ 2.4GHz -1.65dBi @ 5GHz				447

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
160	Speedwire	Main	DC33001KQ30	-0.47dBi @ 2.4GHz -1.23dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: RF 0.81LL	307
		Aux	DC33001KQ20	1.2dBi @ 2.4GHz -1.65dBi @ 5GHz				447
161	Luxshare-ICT	Main	DC33001QC40	1.44dBi @ 2.4GHz 1.49dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: 20565-001R-13	421
		Aux	DC33001QC50	1.2dBi @ 2.4GHz 0.67dBi @ 5GHz				555
162	SPEED	Main	DC33001RQ40	0.88dBi @ 2.4GHz 1.91dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: RF1.13LL	421
		Aux	DC33001RQ50	0.80dBi @ 2.4GHz 1.79dBi @ 5GHz				555
163	Amphenol Taiwan Corporation	Main	DC33001RP20	0.77dBi @ 2.4GHz 1.81dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: LX5886-15-003-C	374.5
		Aux	DC33001RP30	0.9dBi @ 2.4GHz 1.92dBi @ 5GHz				510.5
164	Amphenol Taiwan Corporation	Main	DC33001RP00	0.77dBi @ 2.4GHz 1.81dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: LX5886-15-003-C	374.5
		Aux	DC33001RP10	0.9dBi @ 2.4GHz 1.98dBi @ 5GHz				510.5
165	Luxshae-ICT	Main	DC33001QC20	0.69dBi @ 2.4GHz 2.1dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: 20565-001R-13	374.5
		Aux	DC33001QC3	1.52dBi @ 2.4GHz 1.08dBi @ 5GHz				510.5
166	Luxshae-ICT	Main	DC33001QC00	0.69dBi @ 2.4GHz 2.1dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: 20565-001R-13	374.5
		Aux	DC33001QC10	1.52dBi @ 2.4GHz 1.08dBi @ 5GHz				510.5
167	Speed	Main	DC33001RQ20	1.89dBi @ 2.4GHz 1.97dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: RF 0.81LL	374.5
		Aux	DC33001RQ30	1.78dBi @ 2.4GHz 2.04dBi @ 5GHz				510.5
168	Speed	Main	DC33001RQ00	1.89dBi @ 2.4GHz 1.97dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: RF 0.81LL	374.5
		Aux	DC33001RQ10	1.78dBi @ 2.4GHz 2.04dBi @ 5GHz				510.5
169	LUXSHARE-ICT	Main	DC33001ML00	-2.76dBi @ 2.4GHz -0.72dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: C87P115-00002-H	265
		Aux	DC33001ML10	-1.88dBi @ 2.4GHz -1.32dBi @ 5GHz				345
170	LUXSHARE-ICT	Main	DC33001PV00	-1.18dBi @ 2.4GHz -0.87dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: C87P115-00002-H	265
		Aux	DC33001PV10	-1.47dBi @ 2.4GHz -0.41dBi @ 5GHz				347
171	Speed Wireless Technical Co., LTD	Main	DC33001MK00	-0.33dBi @ 2.4GHz 2.87dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: M.Z4.SD-0113-507-KA	265
		Aux	DC33001MK10	-0.02dBi @ 2.4GHz 2.36dBi @ 5GHz				345
172	Speed Wireless Technical Co., LTD	Main	DC33001PU00	-1.83dBi @ 2.4GHz 2.78dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: M.Z1.GC-0113-042-10	265
		Aux	DC33001PU10	-1.44dBi @ 2.4GHz 1.89dBi @ 5GHz				347

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
173	Amphenol	Main	DC3300100	0.33dBi @ 2.4GHz -0.64dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: U.F-2LP-XXX	265
		Aux	DC3300110	0.23dBi @ 2.4GHz -2.57dBi @ 5GHz				345
174	Amphenol	Main	DC33001PX00	-0.41dBi @ 2.4GHz -0.4dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: U.F-2LP-C3971-15-001-95	265
		Aux	DC33001PX10	-1.71dBi @ 2.4GHz -0.4dBi @ 5GHz				347
175	Luxshare-ICT	Main	DC33001SX00	-0.77dBi @ 2.4GHz -0.53dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: C87P115-00002-H	250
		Aux	DC33001SX00	-1.23dBi @ 2.4GHz 1.10dBi @ 5GHz				250
176	Speed Wireless Technical Co., LTD	Main	DC33001SV00	-0.12dBi @ 2.4GHz 2.89dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: M.Z1.GC-0113-042-10	250
		Aux	DC33001SV00	0.34dBi @ 2.4GHz 2.32dBi @ 5GHz				250
177	HongBo	Main	DC33001ST00	-1.37dBi @ 2.4GHz -1.53 dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: C87P115-0000X-H or equivalent	295
		Aux	DC33001ST00	-1.45dBi @ 2.4GHz -0.28 dBi @ 5GHz				295
178	Luxshare-ICT	Main	DC33001SU00	-2.36dBi @ 2.4GHz -0.6dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: C87P115-00002-H	295
		Aux	DC33001SU00	-1.85dBi @ 2.4GHz 1.06dBi @ 5GHz				295
179	Speed Wireless Technical Co., LTD	Main	DC33001SM00	1.6dBi @ 2.4GHz 2dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: M.Z1.GC-0113-042-10	295
		Aux	DC33001SM00	1.69dBi @ 2.4GHz 2.10dBi @ 5GHz				295
180	Luxshare-ICT	Main	DC33001SZ00	-2.26dBi @ 2.4GHz 0.74dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: C87P115-00002-H	315
		Aux	DC33001SZ00	-0.38dBi @ 2.4GHz 1.41dBi @ 5GHz				315
181	Speedwire	Main	DC33001T000	0.01dBi @ 2.4GHz 1.83dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: M.Z1.GC-0113-042-10	315
		Aux	DC33001T000	0.49dBi @ 2.4GHz 2.86dBi @ 5GHz				315
182	WNC	Main	025.901VE.0001	3.0dBi @ 2.4GHz 4.26dBi @ 5GHz	Included cable loss	PIFA	I-PEX	357.5
		Aux	025.901VF.0001	2.98dBi @ 2.4GHz 4.35dBi @ 5GHz				569
183	MAG.LAYERS ecientific-technics co, LTD	Main	PCA-8020-25GC7-A1 (DC33002G500)	0.05dBi @ 2.4GHz 2.87dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: SY113/50	233
		Aux	PCA-8020-25GC7-A1 (DC33002G500)	0.57dBi @ 2.4GHz -0.09dBi @ 5GHz				317
184	YAGEO Corporation	Main	DC33002G400 (ANTA0LC13952W LAN1)	0.51dBi @ 2.4GHz 2.36dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: 20565	233
		Aux	DC33002G400 (ANTA0LC13952W LAN1)	0.91dBi @ 2.4GHz -1.39dBi @ 5GHz				317

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
185	High-Tek Electronics Co., Ltd	Main	0ACCN020001N /DC33002G300	-2.47dBi @ 2.4GHz 1.75dBi @ 5GHz	Included cable loss	PIFA	SpeedTech PN: C87P132-00002-H	273
		Aux	0ACCN020002N /DC33002G310	-2.19dBi @ 2.4GHz -2.84dBi @ 5GHz				363
186	MAG.LAYERS ecientific-technics co, LTD	Main	PCA-3010-25GC7-A1 (DC33002G600)	-0.02dBi @ 2.4GHz 2.02dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: SY113/50	285
		Aux	PCA-5010-25GC7-A1 (DC33002G610)	1.12dBi @ 2.4GHz -1.44dBi @ 5GHz				375
187	High-Tek Electronics Co., Ltd	Main	0ACCN019007N (DC33002E020)	0.61dBi @ 2.4GHz 0.99dBi @ 5GHz	Included cable loss	PIFA	SpeedTech	232
		Aux	0ACCN019008N (DC33002E030)	0.6dBi @ 2.4GHz 1.84dBi @ 5GHz				315
188	YAGEO Corporation	Main	ANTA0LC13691WL AN3 (DC33002E120)	0.46dBi @ 2.4GHz 0.52dBi @ 5GHz	Included cable loss	PIFA	I-PEX PN: 20278 or compatible	232
		Aux	ANTA0LC13691WL AN4 (DC33002E130)	0.29dBi @ 2.4GHz 1.41dBi @ 5GHz				315

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
189	Amphenol-ATC	Main	DC33001VC50	1.94dBi @ 2.4GHz 1.4dBi @ 5GHz	1.74dB@2.4GHz 2.59dB@5GHz	PIFA	I-pex	694
		Aux	DC33001VC60	1.96dBi @ 2.4GHz 2.77dBi @ 5GHz	1.36dB@2.4GHz 2.06dB@5GHz			541
190	Amphenol-ATC	Main	DC33001VC00	0.8dBi @ 2.4GHz 2.99dBi @ 5GHz	1.53dB@2.4GHz 2.37dB@5GHz	PIFA	I-pex	622
		Aux	DC33001VC10	1.9dBi @ 2.4GHz 2.99dBi @ 5GHz	1.18dB@2.4GHz 1.86dB@5GHz			483
191	LUXSHARE-ICT	Main	DC33001VA50	1.94dBi @ 2.4GHz 1.4dBi @ 5GHz	1.74dB@2.4GHz 2.59dB@5GHz	PIFA	I-pex	694
		Aux	DC33001VA60	1.96dBi @ 2.4GHz 2.77dBi @ 5GHz	1.36dB@2.4GHz 2.06dB@5GHz			541
192	LUXSHARE-ICT	Main	DC33001VA00	0.8dBi @ 2.4GHz 2.99dBi @ 5GHz	1.53dB@2.4GHz 2.37dB@5GHz	PIFA	I-pex	622
		Aux	DC33001VA10	1.9dBi @ 2.4GHz 2.99dBi @ 5GHz	1.18dB@2.4GHz 1.86dB@5GHz			483
193	Amphenol-ATC	Main	DC33001V900	-0.03dBi @ 2.4GHz 0.15dBi @ 5GHz	1.72dB@2.4GHz 2.67dB@5GHz	PIFA	I-pex	575
		Aux	DC33001V910	-1.82dBi @ 2.4GHz 1.48dBi @ 5GHz	1.34dB@2.4GHz 2.10dB@5GHz			445
194	Amphenol-ATC	Main	DC33001V950	-1.82dBi @ 2.4GHz 1.89dBi @ 5GHz	1.72dB@2.4GHz 2.54dB@5GHz	PIFA	I-pex	582
		Aux	DC33001V960	-1.34dBi @ 2.4GHz 1.77dBi @ 5GHz	1.34dB@2.4GHz 2.08dB@5GHz			457
195	SPEED	Main	DC33001VB00	-0.03dBi @ 2.4GHz 0.15dBi @ 5GHz	1.72dB@2.4GHz 2.67dB@5GHz	PIFA	I-pex	575
		Aux	DC33001VB10	-1.82dBi @ 2.4GHz 1.48dBi @ 5GHz	1.34dB@2.4GHz 2.10dB@5GHz			445
196	SPEED	Main	DC33001VB50	-1.82dBi @ 2.4GHz 1.89dBi @ 5GHz	1.72dB@2.4GHz 2.54dB@5GHz	PIFA	I-pex	582
		Aux	DC33001VB60	-1.34dBi @ 2.4GHz 1.77dBi @ 5GHz	1.34dB@2.4GHz 2.08dB@5GHz			457
197	INPAQ	Main	MDA-LE-02-001	-0.58dBi @ 2.4GHz 4dBi @ 5GHz	0.38dB@2.4GHz 0.66dB@5GHz	PIFA	I-PEX MHF4L	136
		Aux	MDA-LE-01-001	0.88dBi @ 2.4GHz 4.71dBi @ 5GHz	0.84dB@2.4GHz 1.47dB@5GHz			302
198	LUXSHARE ICT	Main	LA9RF335-CS-H	0.23dBi @ 2.4GHz 4.30dBi @ 5GHz	0.40dB@2.4GHz 0.62dB@5GHz	PIFA	I-PEX-4	136
		Aux	LA9RF336-CS-H	1.46dBi @ 2.4GHz 4.52dBi @ 5GHz	0.80dB@2.4GHz 1.26dB@5GHz			302
199	LUXSHARE ICT	Main	LA9RF332-CS -H	3.05dBi @ 2.4GHz 2.61dBi @ 5GHz	1.04dB@2.4GHz 1.63dB@5GHz	PIFA	I-PEX-4	426
		Aux	LA9RF332-CS -H	3.08dBi @ 2.4GHz 1.2dBi @ 5GHz	1.03dB@2.4GHz 1.61dB@5GHz			423
200	AWAN	Main	AYP6Y-200032	2.55dBi @ 2.4GHz 2.04dBi @ 5GHz	1.31dB@2.4GHz 2.07dB@5GHz	PIFA	IPEX	470
		Aux	AYP6Y-200032	3.09dBi @ 2.4GHz 3.35dBi @ 5GHz	1.31dB@2.4GHz 2.07dB@5GHz			470
201	INPAQ	Main	WA-P-LBLB-04-091	2.63dBi @ 2.4GHz 2.54dBi @ 5GHz	1.45dB@2.4GHz 2.35dB@5GHz	PIFA	I-PEX MHF4L	470
		Aux	WA-P-LBLB-04-091	3.18dBi @ 2.4GHz 4.41dBi @ 5GHz	1.45dB@2.4GHz 2.35dB@5GHz			470

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
202	AWAN	Main	AML6Y-100117 (NB)	-0.49dBi @ 2.4GHz 4.23dBi @ 5GHz	0.4dB@2.4GHz 0.63dB@5GHz	PIFA	IPEX	160
		Aux	AML6Y-100117 (NB)	0.74dBi @ 2.4GHz 3.78dBi @ 5GHz	0.4dB@2.4GHz 0.63dB@5GHz			318
		Main	AML6Y-100118 (TB)	-1.09dBi @ 2.4GHz 3.07dBi @ 5GHz	0.73dB@2.4GHz 1.11dB@5GHz			160
		Aux	AML6Y-100118 (TB)	-1.40dBi @ 2.4GHz 1.87dBi @ 5GHz	0.73dB@2.4GHz 1.11dB@5GHz			318
203	INPAQ	Main (NB)	MDA-LE-02-002	1.59dBi @ 2.4GHz 4.77dBi @ 5GHz	0.44dB@2.4GHz 0.78dB@5GHz	PIFA	I-PEX MHF4L	160
		Main (PAD)	MDA-LE-02-002	-0.34dBi @ 2.4GHz 3.78dBi @ 5GHz	0.44dB@2.4GHz 0.78dB@5GHz			160
		Aux (NB)	MDA-LE-01-002	2.01 @ 2.4GHz 4.89dBi @ 5GHz	0.89dB@2.4GHz 1.56dB@5GHz			319
		Aux (PAD)	MDA-LE-01-002	-0.9@2.4GHz 4.24dBi @ 5GHz	0.89dB@2.4GHz 1.56dB@5GHz			319
204	High-Tek Electronics Co., Ltd	Main	DC33002I200 (0ACCN020007N)	-2.11 @ 2.4GHz 1.88dBi @5GHz	0.81dB@2.4GHz 1.38dB@5GHz	PIFA	Speedtech	248
		Aux	DC33002I200 (0ACCN020007N)	0.1 @ 2.4GHz -0.93dBi @ 5GHz	0.81dB@2.4G 1.23dB@5GHz			308
205	MAGLAYERS	Main	DC33002HW00 (PCA-3010-25GC7-A2)	1.05dBi @ 2.4GHz 0.82dBi @ 5GHz	0.73dB@2.4GHz 1.15dB@5GHz	PIFA	IPEX	248
		Aux	DC33002HW00 (PCA-3010-25GC7-A2)	0.32dBi @ 2.4GHz 1.15dBi @ 5GHz	0.9dB@2.4GHz 1.35dB@5GHz			308
206	Compal Electronics Inc.	Main	DC33002JT00 (AYP6Y-100187)	1.83dBi @ 2.4GHz 2.93dBi @ 5GHz	1.09dB@2.4GHz 1.65dB@5GHz	PIFA	Kangshuo	330
		Aux	DC33002JT10 (AYP6Y-100188)	1.83dBi @ 2.4GHz 2.9dB @ 5GHz	1.52dB@2.4G 2.37dB@5GHz			460
207	High-Tek Electronics Co., Ltd	Main	DC33002JA00 (0ACCN020015N)	1.79dBi @ 2.4GHz 2.85dBi @ 5GHz	1.18dB@2.4GHz 1.70dB@5GHz	PIFA	SpeedTech	330
		Aux	DC33002JA10 (0ACCN020016N)	1.77dBi @ 2.4GHz 2.23dBi @ 5GHz	1.64dB@2.4GHz 2.59dB@5GHz			460
208	ADVANCED WIRELESS & ANTENNA INC	Main	DC33002JV00 (AYP6Y-100185)	1.95dBi @ 2.4GHz 2.91dBi @ 5GHz	1.09dB@2.4GHz 1.75dB@5GHz	PIFA	Kangshuo	385
		Aux	DC33002JV10 (AYP6Y-100186)	1.92dBi @ 2.4GHz 2.45dBi @ 5GHz	1.52dB@2.4GHz 2.30dB@5GHz			525
209	High-Tek Electronics Co., Ltd	Main	DC33002JC00 (0ACCN020017N)	1.86dBi @ 2.4GHz 2.97dBi @ 5GHz	1.37dB@2.4GHz 2.11dB@5GHz	PIFA	SpeedTech	385
		Aux	DC33002JC10 (0ACCN020018N)	1.97dBi @ 2.4GHz 2.97dBi @ 5GHz	1.87dB@2.4GHz 2.95dB@5GHz			525
210	High-Tek Electronics Co., Ltd	Main	L01RF229-DT-H	0.5dBi @ 2.4GHz 3dBi @ 5GHz	1.17 dB @2.4GHz 1.83 dB @5GHz	PIFA	ST-4	475
		Aux	L01RF230-DT-H	1.8dBi @ 2.4GHz 2.7dBi @ 5GHz	1.23 dB @2.4GHz 1.92 dB @5GHz			500
211	High-Tek Electronics Co., Ltd	Main	L01RF229-DT-H	-1.0dBi @ 2.4GHz 3dBi @ 5GHz	1.17 dB @2.4GHz 1.83 dB @5GHz	PIFA	ST-4	475
		Aux	L01RF231-DT-H	0.5dBi @ 2.4GHz 2.8dBi @ 5GHz	1.47 dB @2.4GHz 2.31 dB @5GHz			600
212	LUXSHARE ICT	Main	L01RF306-DT-H	2.14dBi @ 2.4GHz 3.88dBi @ 5GHz	1.17 dB @2.4GHz 1.83 dB @5GHz	PIFA	ST-4	475
		Aux	L01RF307-DT-H	3.15dBi @ 2.4GHz 3.39dBi @ 5GHz	1.47 dB @2.4GHz 2.31dB @5GHz			600
213	South Star	Main	N12-6474-R0A(TX1/RX1)	1.33dBi @ 2.4GHz 2.32dBi @ 5GHz	0.58 dB @2.4GHz 1.0dB @5GHz	PIFA	IPEX 4	138
		Aux	N12-6474-R0A(TX2/RX2)	1.91dBi @ 2.4GHz 2.69dBi @ 5GHz	0.73 dB @2.4GHz 1.46dB @5GHz			220
214	ZhongTianXun	Main	2.00004404(TX1/RX1)	1.83dBi @ 2.4GHz 2.63dBi @ 5GHz	0.52 dB @2.4GHz 0.84dB @5GHz	PIFA	IPEX 4	138
		Aux	2.00004404(TX2/RX2)	1.23dBi @ 2.4GHz 2.16dBi @ 5GHz	0.75 dB @2.4GHz 1.16dB @5GHz			220

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
215	ZhongTianXun	Main	2.00004826(TX1/RX1)	0.58 dBi @ 2.4GHz 1.82 dBi @ 5GHz	0.92 dB @2.4GHz 1.49 dB @5GHz	PIFA	IPEX 4	296.6
		Aux	2.00004826(TX2/RX2)	-0.54 dBi @ 2.4GHz 0.44 dBi @ 5GHz	1.26 dB @2.4GHz 1.93dB @5GHz			408
216	Shenzhen South star Technology	Main	N12-7313-R0A	1.46 dBi @ 2.4GHz 2.41dBi @ 5GHz	0.82 dB @2.4GHz 1.27 dB @5GHz	PIFA	IPEX 4	302.5
		Aux	N12-7313-R0A	2.78dBi @ 2.4GHz 3.46 dBi @ 5GHz	1.09 dB @2.4GHz 1.69 dB @5GHz			404
217	High-Tek Electronics Co., Ltd	Main (NB)	DQ60ACQD042 (0ACQD019037N)	0.01dBi @ 2.4GHz 0.10dBi @ 5GHz	1.12 dB @2.4GHz 1.80dB @5GHz	PIFA	SpeedTech	345
		Aux (NB)	DQ60ACQD042 (0ACQD019037N)	-1.04dBi @ 2.4GHz -0.26dBi @ 5GHz	1.63 dB @2.4GHz 2.61 dB @5GHz			500
	High-Tek Electronics Co., Ltd	Main (TB)	DQ60ACQD042 (0ACQD019037N)	-2.55dBi @ 2.4GHz -0.48dBi @ 5GHz	1.12 dB @2.4GHz 1.68 dB @5GHz	PIFA	SpeedTech	345
		Aux (TB)	DQ60ACQD042 (0ACQD019037N)	0.37dBi @ 2.4GHz 0.01dBi @ 5GHz	1.63 dB @2.4GHz 2.61 dB @5GHz			500
218	WNC	Main (NB)	DQ6615G7000 (81EAA615.G70)	-1.07dBi @ 2.4GHz 1.31dBi @ 5GHz	1.35 dB @2.4GHz 1.93 dB @5GHz	PIFA	IPEX	353
		Aux (NB)	DQ6615G7000 (81EAA615.G70)	-0.85dBi @ 2.4GHz -0.01dBi @ 5GHz	1.85 dB @2.4GHz 2.69 dB @5GHz			508
	WNC	Main (TB)	DQ6615G7000 (81EAA615.G70)	-2.3dBi @ 2.4GHz 0.08dBi @ 5GHz	1.35 dB @2.4GHz 1.93 dB @5GHz	PIFA	IPEX	353
		Aux (TB)	DQ6615G7000 (81EAA615.G70)	-1.02dBi @ 2.4GHz 1.08dBi @ 5GHz	1.85 dB @2.4GHz 2.83 dB @5GHz			508
219	WNC	Main	DQ6B15GBV00(TX1/RX1)	2.37dBi @ 2.4GHz 2.27dBi @ 5GHz	0.64 dB @2.4GHz 0.93 dB @5GHz	PIFA	RF	248
		Aux	DQ6B15GBV00(TX2/RX2)	1.94dBi @ 2.4GHz 1.69dBi @ 5GHz	1.06 dB @2.4GHz 1.56 dB @5GHz			407
220	Hong-BO Co., Ltd	Main	DQ602379100(TX1/RX1)	1.16dBi @ 2.4GHz 1.92dBi @ 5GHz	0.63 dB @2.4GHz 0.99 dB @5GHz	PIFA	IPEX	248
		Aux	DQ602379100(TX2/RX2)	-1.92dBi @ 2.4GHz 2.36dBi @ 5GHz	1.04 dB @2.4GHz 1.63 dB @5GHz			407
221	WNC	Main	DQ6B15GBW00(TX1/RX1)	2.14dBi @ 2.4GHz 2.17dBi @ 5GHz	0.77 dB @2.4GHz 1.14 dB @5GHz	PIFA	RF	301
		Aux	DQ6B15GBW00(TX2/RX2)	2.18dBi @ 2.4GHz 2.24dBi @ 5GHz	1.25 dB @2.4GHz 1.82 dB @5GHz			488
222	Hong-BO Co., Ltd	Main	DQ602379300(TX1/RX1)	-0.92dBi @ 2.4GHz 1.68dBi @ 5GHz	0.77 dB @2.4GHz 1.15 dB @5GHz	PIFA	IPEX	301
		Aux	DQ602379300(TX2/RX2)	-1.07dBi @ 2.4GHz 1.57dBi @ 5GHz	1.25 dB @2.4GHz 1.86 dB @5GHz			488
223	Hong-BO Co., Ltd	Main	260-28177	2.73dBi@2.4GHz 2.97dBi@5GHz	0.98dBi@2.4GHz 1.50dBi@5GHz	PIFA	IPEX	335
		Aux	260-28177	2.64dBi@2.4GHz 2.97dBi@5GHz	1.49dBi@2.4GHz 2.20dBi@5GHz			510
224	LUXSHARE-ICT	Main	L20RF016-YT-H	1.39dBi@2.4GHz 2.72dBi@5GHz	0.82dBi@2.4GHz 1.29dBi@5GHz	PIFA	IPEX	335
		Aux	L20RF016-YT-H	0.91dBi@2.4GHz 2.49dBi@5GHz	1.25dBi@2.4GHz 1.89dBi@5GHz			510
225	Hong-BO Co., Ltd	Main	260-28176	2.93dBi@2.4GHz 2.99dBi@5GHz	1.2dBi@2.4GHz 1.8dBi@5GHz	PIFA	IPEX	415
		Aux	260-28176	2.84dBi@2.4GHz 2.6dBi@5GHz	1.7dBi@2.4GHz 2.53dBi@5GHz			585
226	LUXSHARE-ICT	Main	L20RF017-YT-H	0.95dBi@2.4GHz 1.33dBi@5GHz	0.98dBi@2.4GHz 1.48dBi@5GHz	PIFA	IPEX	415
		Aux	L20RF017-YT-H	0.94dBi@2.4GHz 1.85dBi@5GHz	1.4dBi@2.4GHz 2.12dBi@5GHz			585
227	LUXSHARE-ICT	Main	L20RF034-YT-H	2.97dBi@2.4GHz 2.14dBi@5GHz	0.51dBi@2.4GHz 0.80dBi@5GHz	PIFA	IPEX	170
		Aux	L20RF034-YT-H	2.92dBi@2.4GHz 2.99dBi@5GHz	0.65dBi@2.4GHz 1.00dBi@5GHz			218

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
228	High-Tek Electronics Co., Ltd	Main	0ACAVC21001N	2.82dBi@2.4GHz 3.53dBi@5GHz	0.55dBi@2.4GHz 0.92dBi@5GHz	PIFA	SpeedTech	170
		Aux	0ACAVC21001N	3.22dBi@2.4GHz 3.56dBi@5GHz	0.71dBi@2.4GHz 1.18dBi@5GHz			218.5
229	LUXSHARE-ICT	Main	L01RF123-DT-H	1.3dBi @ 2.4GHz 3.0dBi @ 5GHz	1.21 dB @2.4G 1.84dB @5G	PIFA	IPEX	500
		Aux	L01RF169-DT-H	2.4dBi @ 2.4GHz 2.9dBi @ 5GHz	0.44 dB @2.4G 0.66 dB @5G			180
230	LUXSHARE-ICT	Main	L01RF031-DT-R + L01RF076-DT-R	3.0dBi @ 2.4GHz 2.9dBi @ 5GHz	0.80 dB @2.4G 1.25dB @5G	PIFA	IPEX	70/330
		Aux	L01RF115-DT-H	2.5dBi @ 2.4GHz 2.9dBi @ 5GHz	0.55 dB @2.4G 0.86 dB @5G		IPEX	225
231	LUXSHARE-ICT	Main	L01RF031-DT-R + L01RF062-DT-R	-0.1dBi @ 2.4GHz 0.0dBi @ 5GHz	0.37 dB @2.4G 0.59dB @5G	PIFA	IPEX	70/125
		Aux	L20RF037-YT-H	-0.8dBi @ 2.4GHz 2.1dBi @ 5GHz	0.13 dB @2.4G 0.20 dB @5G		IPEX	54
232	Luxshare-ICT	Main	L01RF284-NB-H	0.95dBi @ 2.4GHz 1.7dBi @ 5GHz	0.27 dB @2.4G 0.42 dB @5G	PIFA	SpeedTech	109
		Aux	L01RF283-NB-H	0.31dBi @ 2.4GHz 0.12dBi @ 5GHz	1.01 dB @2.4G 1.57 dB @5G			412
233	Inpaq	Main	MDA-LB-02-032	1.46dBi @ 2.4GHz 1.79dBi @ 5GHz	0.37 dB @2.4G 0.60 dB @5G	PIFA	IPEX	119
		Aux	MDA-LB-02-033	-0.48dBi @ 2.4GHz 1.93dBi @ 5GHz	1.34 dB @2.4G 2.17 dB @5G			432.4
234	Inpaq	Main	MDA-LB-02-034	2.19dBi @ 2.4GHz 2.84dBi @ 5GHz	0.37 dB @2.4G 0.60 dB @5G	PIFA	IPEX	275.4
		Aux	MDA-LB-02-035	-0.01dBi @ 2.4GHz 3.2dBi @ 5GHz	1.34 dB @2.4G 2.17 dB @5G			515.4
235	Luxshare-ICT	Main	L01RF285-NB-H	-1.35dBi @ 2.4GHz 2.34dBi @ 5GHz	0.64 dB @2.4G 0.96 dB @5G	PIFA	IPEX	260
		Aux	L01RF286-NB-H	-0.68dBi @ 2.4GHz -0.1dBi @ 5GHz	1.23 dB @2.4G 1.91 dB @5G			500
236	High-Tek Electronics Co., Ltd	Main	025.9015N.0011	0.35dBi @ 2.4GHz 1.02dBi @ 5GHz	1.25 dB @2.4G 2.00 dB @5G	PIFA	SpeedTech	385
		Aux	025.9015O.0011	-0.2dBi @ 2.4GHz 0.24dBi @ 5GHz	1.66 dB @2.4G 2.66 dB @5G			510
237	WNC	Main	025.9015N.0001	0.33dBi @ 2.4GHz 1.23dBi @ 5GHz	1.48 dB @2.4G 2.13 dB @5G	PIFA	IPEX	385
		Aux	025.9015O.0001	-1dBi @ 2.4GHz 0.16dBi @ 5GHz	1.88 dB @2.4G 2.88 dB @5G			510
238	Luxshare-ICT	Main	L01RF123-DT-H	1.3dBi @ 2.4GHz 3.0dBi @ 5GHz	1.21 dB @2.4G 1.84dB @5G	PIFA	IPEX	500
		Aux	L01RF169-DT-H	2.4dBi @ 2.4GHz 2.9dBi @ 5GHz	0.44 dB @2.4G 0.66 dB @5G			180
239	HongBo	Main	260-28096	0.7dBi @ 2.4GHz 1.29dBi @ 5GHz	1.00 dB @2.4G 1.71dB @5G	PIFA	IPEX	500
	Luxshare-ICT	Aux	L01RF169-DT-H	2.4dBi @ 2.4GHz 2.9dBi @ 5GHz	0.44 dB @2.4G 0.66 dB @5G			180
240	HongBo	Main	260-28093 260-28094	-3.16dBi @ 2.4GHz 1.6dBi @ 5GHz	0.99 dB @2.4G 1.67dB @5G	Dipole	IPEX	330
	Luxshare-ICT	Aux	L01RF115-DT-H	2.5dBi @ 2.4GHz 2.9dBi @ 5GHz	0.55 dB @2.4G 0.86 dB @5G	PIFA		225
241	Luxshare-ICT	Main	L01RF031-DT-R + L01RF062-DT-R	-0.1dBi @ 2.4GHz 0.0dBi @ 5GHz	0.37 dB @2.4G 0.59dB @5G	PIFA	IPEX	70/125
		Aux	L20RF037-YT-H	-0.8dBi @ 2.4GHz 2.1dBi @ 5GHz	0.13 dB @2.4G 0.20 dB @5G		IPEX	54
242	HONGBO	Main	260-28093 260-28095	-0.86dBi @ 2.4GHz 2.53dBi @ 5GHz	0.56 dB @2.4G 0.83dB @5G	PIFA	IPEX	190
		Aux	260-28156	-1.14dBi @ 2.4GHz -0.29dBi @ 5GHz	0.20 dB @2.4G 0.31 dB @5G			55

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
243	Luxshare-ICT	Main	L01RF031-DT-R + L01RF062-DT-R	3.0dBi @ 2.4GHz 3.0dBi @ 5GHz	0.46 dB @2.4G 0.70dB @5G	PIFA	IPEX	70/190
		Aux	L01RF115-DT-H	2.5dBi @ 2.4GHz 2.9dBi @ 5GHz	0.55 dB @2.4G 0.86 dB @5G		IPEX	225
244	Luxshare-ICT	Main	L01RF066-DT-R	1.0dBi @ 2.4GHz 2.9dBi @ 5GHz	1.21 dB @2.4G 1.92dB @5G	PIFA	IPEX	500
		Aux	L01RF117-DT-H	1.6dBi @ 2.4GHz 3.0dBi @ 5GHz	0.75dB @2.4G 1.17 dB @5G			310
245	AWAN	Main	AUP6Y-100080 (6036B0279101)	-1.01dBi @ 2.4GHz 2.51dBi @ 5GHz	1.38dBi @ 2.4GHz 1.97dBi @ 5GHz	PIFA	IPEX	368
		Aux	AUP6Y-100079 (6036B0279901)	-2.66dBi @ 2.4GHz 0.85dBi @ 5GHz	2.05dBi @ 2.4GHz 2.92dBi @ 5GHz			547
246	HONGBO	Main	6036B0279401 (260-27451)	1.81dBi @ 2.4GHz 0.45dBi @ 5GHz	1.08dBi @ 2.4GHz 1.68dBi @ 5GHz	PIFA	i-pex(MHF IV)	368
		Aux	6036B0278901 (260-27450)	1.92dBi @ 2.4GHz 0.77dBi @ 5GHz	1.61dBi @ 2.4GHz 2.50dBi @ 5GHz			547
247	INPAQ	Main	6036B0280001 (WA-P-LB-02-787)	1.3dBi @ 2.4GHz -0.15dBi @ 5GHz	1.23dBi @ 2.4GHz 1.88dBi @ 5GHz	PIFA	IPEX	368
		Aux	6036B0280101 (WA-P-LB-02-786)	0.55dBi @ 2.4GHz 1.77dBi @ 5GHz	1.79dBi @ 2.4GHz 2.73dBi @ 5GHz			547
248	AWAN	Main	AUP6Y-100078 (6036B0279001)	-1.98dBi @ 2.4GHz -0.28dBi @ 5GHz	1.45dBi @ 2.4GHz 2.06dBi @ 5GHz	PIFA	IPEX	385
		Aux	AUP6Y-100077 (6036B0278801)	-2.12dBi @ 2.4GHz 0.21dBi @ 5GHz	1.49dBi @ 2.4GHz 2.13dBi @ 5GHz			398
249	HONGBO	Main	6036B0279301 (260-27447)	0.29dBi @ 2.4GHz 2.15dBi @ 5GHz	1.13dBi @ 2.4GHz 1.78dBi @ 5GHz	PIFA	Kangshuo	385
		Aux	6036B0279501 (260-27446)	-0.32dBi @ 2.4GHz 1.05dBi @ 5GHz	1.17dBi @ 2.4GHz 1.74dBi @ 5GHz			398
250	INPAQ	Main	6036B0280201 (WA-P-LB-02-789)	-1.53dBi @ 2.4GHz -0.05dBi @ 5GHz	1.23dBi @ 2.4GHz 1.89dBi @ 5GHz	PIFA	IPEX	399.5
		Aux	6036B0280301 (WA-P-LB-02-788)	-0.34dBi @ 2.4GHz 0.19dBi @ 5GHz	1.27dBi @ 2.4GHz 2.05dBi @ 5GHz			409.5
251	HONGBO	Main	6036B0279201 (260-27449)	0.6dBi @ 2.4GHz 2.97dBi @ 5GHz	0.43dBi @ 2.4GHz 0.66dBi @ 5GHz	PIFA	IPEX	145
		Aux	6036B0279601 (260-27448)	-0.32dBi @ 2.4GHz 2.98dBi @ 5GHz	0.72dBi @ 2.4GHz 1.13dBi @ 5GHz			245
252	AWAN	Main	6036B0281401 (AUP6Y-100069)	-4.246dBi @ 2.4GHz -0.545dBi @ 5GHz	0.39dBi @ 2.4GHz 0.65dBi @ 5GHz	PIFA	IPEX	155
		Aux	6036B0281301 (AUP6Y-100068)	-2.983dBi @ 2.4GHz 0.187dBi @ 5GHz	0.62dBi @ 2.4GHz 1.03dBi @ 5GHz			247
253	HONGBO	Main	6036B0278601 (260-27438)	-2.46dBi @ 2.4GHz -0.81dBi @ 5GHz	0.46dBi @ 2.4GHz 0.68dBi @ 5GHz	PIFA	IPEX	155
		Aux	6036B0278501 (260-27439)	-1.58dBi @ 2.4GHz -2.57dBi @ 5GHz	0.73dBi @ 2.4GHz 1.08dBi @ 5GHz			247
254	WNC	Main	6036B0277801 (81EABD15.G02)	-2.5dBi @ 2.4GHz -1.14dBi @ 5GHz	0.4dBi @ 2.4GHz 0.56dBi @ 5GHz	PIFA	IPEX	155
		Aux	6036B0277701 (81EABD15.G03)	-1.66dBi @ 2.4GHz -0.84dBi @ 5GHz	0.64dBi @ 2.4GHz 0.94dBi @ 5GHz			247
255	AWAN	Main	6036B0281101 (AUP6Y-100072)	-1.947dBi @ 2.4GHz 1.366dBi @ 5GHz	0.43dBi @ 2.4GHz 0.71dBi @ 5GHz	PIFA	IPEX	170
		Aux	6036B0281001 (AUP6Y-100071)	-1.721dBi @ 2.4GHz -0.427dBi @ 5GHz	0.69dBi @ 2.4GHz 1.14dBi @ 5GHz			275
256	HONGBO	Main	6036B0278301 (260-27441)	-2.14dBi @ 2.4GHz -1.91dBi @ 5GHz	0.74dBi @ 2.4GHz 0.79dBi @ 5GHz	PIFA	IPEX	170
		Aux	6036B0278201 (260-27442)	-2.66dBi @ 2.4GHz -2.33dBi @ 5GHz	0.81dBi @ 2.4GHz 1.20dBi @ 5GHz			275
257	WNC	Main	6036B0277501 (81EABD15.G05)	-2.88dBi @ 2.4GHz -1.52dBi @ 5GHz	0.44dBi @ 2.4GHz 0.65dBi @ 5GHz	PIFA	IPEX	170
		Aux	6036B0277001 (81EABD15.G06)	-2.78dBi @ 2.4GHz -0.56dBi @ 5GHz	0.71dBi @ 2.4GHz 1.00dBi @ 5GHz			275

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
258	AWAN	Main	6036B0280801 (AUP6Y-100075)	-2.5dBi @ 2.4GHz -2.53dBi @ 5GHz	0.48dBi @ 2.4GHz 0.81dBi @ 5GHz	PIFA	IPEX	193
		Aux	6036B0280701 (AUP6Y-100074)	-1.79dBi @ 2.4GHz 1.1dBi @ 5GHz	0.77dBi @ 2.4GHz 1.31dBi @ 5GHz			308
259	HONGBO	Main	6036B0278001 (260-27444)	1.26dBi @ 2.4GHz -1.31dBi @ 5GHz	0.57dBi @ 2.4GHz 0.88dBi @ 5GHz	PIFA	IPEX	193
		Aux	6036B0277901 (260-27445)	-0.66dBi @ 2.4GHz -4.1dBi @ 5GHz	0.9dBi @ 2.4GHz 1.42dBi @ 5GHz			303
260	WNC	Main	6036B0277301 (81EABD15.G08)	-0.71dBi @ 2.4GHz -2.5dBi @ 5GHz	0.5dBi @ 2.4GHz 0.73dBi @ 5GHz	PIFA	IPEX	193
		Aux	6036B0277101 (81EABD15.G09)	-2.91dBi @ 2.4GHz -1.59dBi @ 5GHz	0.79dBi @ 2.4GHz 1.15dBi @ 5GHz			308
261	AWAN	Main	6036B0262201 (AUP6Y-100047)	0.36dBi @ 2.4GHz 1.18dBi @ 5GHz	0.88dBi @ 2.4GHz 1.49dBi @ 5GHz	PIFA	IPEX	355
		Aux	6036B0261901 (AUP6Y-100048)	-1.87dBi @ 2.4GHz 0.66dBi @ 5GHz	1.37dBi @ 2.4GHz 2.32dBi @ 5GHz			560
262	HONGBO	Main	6036B0262301 (260-27403)	0.79dBi @ 2.4GHz 2.6dBi @ 5GHz	1.04dBi @ 2.4GHz 1.62dBi @ 5GHz	PIFA	IPEX	355
		Aux	6036B0262001 (260-27404)	1.56dBi @ 2.4GHz 0.07dBi @ 5GHz	1.64dBi @ 2.4GHz 2.45dBi @ 5GHz			560
263	AWAN	Main	6036B0262201 (AUP6Y-100047)	-2.96dBi @ 2.4GHz -0.11dBi @ 5GHz	0.88dBi @ 2.4GHz 1.49dBi @ 5GHz	PIFA	IPEX	355
		Aux	6036B0261901 (AUP6Y-100048)	-2.93dBi @ 2.4GHz 1.3dBi @ 5GHz	1.37dBi @ 2.4GHz 2.32dBi @ 5GHz			560
264	HONGBO	Main	6036B0262301 (260-27403)	-0.59dBi @ 2.4GHz 2.37dBi @ 5GHz	1.04dBi @ 2.4GHz 1.62dBi @ 5GHz	PIFA	IPEX	355
		Aux	6036B0262001 (260-27404)	-0.98dBi @ 2.4GHz -1.09dBi @ 5GHz	1.64dBi @ 2.4GHz 2.45dBi @ 5GHz			560
265	Inpaq	Main	6036B0261801 (WA-P-LB-02-729)	-0.82dBi @ 2.4GHz 2.38dBi @ 5GHz	1.09dBi @ 2.4GHz 1.63dBi @ 5GHz	PIFA	i-pex(MHF 4L)	355
		Aux	6036B0262101 (WA-P-LB-02-730)	-1.18dBi @ 2.4GHz -1.23dBi @ 5GHz	1.73dBi @ 2.4GHz 2.68dBi @ 5GHz			560
266	AWAN	Main	AUF6Y-100025	1.14dBi @ 2.4GHz -1.73dBi @ 5GHz	0.23 dB @2.4GHz 0.39dB @5GHz	PIFA	MHF-B13-N-01	93
		Aux	AUF6Y-100026	-1.53dBi @ 2.4GHz -1.54dBi @ 5GHz	0.71 dB @2.4GHz 1.21 dB @5GHz			285
267	INPAQ	Main	12CR5-1ANTA2-51R (DAM-J8-K1-DB-800-10-25)	2.32dBi @ 2.4GHz 2.82dBi @ 5GHz	1.62 dB @2.4GHz 2.69 dB @5GHz	PIFA	SMA RP PLUG	800
		Aux	12CR5-1ANTA2-51R (DAM-J8-K1-DB-800-10-25)	2.38 dBi @ 2.4GHz 2.97 dBi @ 5GHz	1.7 dB @2.4GHz 2.51dB @5GHz			800
268	INPAQ	Main	12CR5-1ANTA2-61R (DAM-J9-K1-DB-800-10-70)	2.25 dBi @ 2.4GHz 2.79 dBi @ 5GHz	1.58 dB @2.4GHz 2.61dB @5GHz	PIFA	SMA RP PLUG	800
		Aux	12CR5-1ANTA2-61R (DAM-J9-K1-DB-800-10-70)	2.30 dBi @ 2.4GHz 2.99 dBi @ 5GHz	1.70 dB @2.4GHz 2.61dB @5GHz			800
269	INPAQ	Main	WA-F-LB-02-228	0.72 dBi @ 2.4GHz 2.76 dBi @ 5GHz	0.77 dB @2.4GHz 1.18 dB @5GHz	PIFA	IPEX	250
		Aux	WA-F-LB-03-132	1 dBi @ 2.4GHz 2.62 dBi @ 5GHz	1.56dB @2.4GHz 2.42dB @5GHz			505
270	ZhongTianXun	Main	1109-05481	2.68 dBi @ 2.4GHz 2.86 dBi @ 5GHz	0.78 dB @2.4GHz 1.22 dB @5GHz	PIFA	Kangshuo	254
		Aux	1109-05482	2.48 dBi @ 2.4GHz 2.97 dBi @ 5GHz	1.57 dB @2.4GHz 2.44 dB @5GHz			509
271	Luxshare-ICT	Main	L16RF001-CS-H	1.13 dBi @ 2.4GHz 2.26 dBi @ 5GHz	0.64 dB @2.4GHz 0.92dB @5GHz	PIFA	IPEX	250
		Aux	L16RF002-CS-H	0.77 dBi @ 2.4GHz 1.96 dBi @ 5GHz	1.31 dB @2.4GHz 1.93 dB @5GHz			505

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
272	HONGBO	Main	35050AC00-H0B-G (260-33058)	0.8dBi @ 2.4GHz 3.07dBi @ 5GHz	0.65 dB @2.4G 0.96dB @5G	PIFA	IPEX	220
		Aux	35050AC00-H0B-G (260-33058)	1.71dBi @ 2.4GHz 4.11dBi @ 5GHz	0.97 dB @2.4G 1.51dB @5G			255
273	SPEED	Main	35050A500-H0B-A (260-33055)	0.63dBi @ 2.4GHz 2.70dBi @ 5GHz	0.56 dB @2.4G 0.84dB @5G	PIFA	IPEX	190
		Aux	35050A500-H0B-A (260-33055)	1.11dBi @ 2.4GHz 3.34dBi @ 5GHz	0.76 dB @2.4G 1.19dB @5G			260
274	HONGBO	Main	35050A200-H0B-G (260-33056)	1.87dBi @ 2.4GHz 4.34dBi @ 5GHz	0.65 dB @2.4G 1.02dB @5G	PIFA	IPEX	230
		Aux	35050A200-H0B-G (260-33056)	3.14dBi @ 2.4GHz 4.35dBi @ 5GHz	0.97 dB @2.4G 1.53dB @5G			332
275	SPEED	Main	F-0G-CC-6033-001-00	0.54dBi @ 2.4GHz 3.04dBi @ 5GHz	0.65 dB @2.4G 0.96dB @5G	PIFA	NGFF	220
		Aux	F-0G-CC-6033-001-00	1.81dBi @ 2.4GHz 3.75dBi @ 5GHz	0.75 dB @2.4G 1.16dB @5G			255
276	SPEED	Main	F-0G-CC-6031-001-00	1.69dBi @ 2.4GHz 3.82dBi @ 5GHz	0.56 dB @2.4G 0.89dB @5G	PIFA	NGFF	192
		Aux	F-0G-CC-6031-001-00	0.14dBi @ 2.4GHz 3.03dBi @ 5GHz	0.76 dB @2.4G 1.19dB @5G			260
277	SPEED	Main	F-0G-CC-6030-001-00	1.95dBi @ 2.4GHz 4.36dBi @ 5GHz	0.68 dB @2.4G 1.06dB @5G	PIFA	NGFF	230
		Aux	F-0G-CC-6030-001-00	3.17dBi @ 2.4GHz 4.48dBi @ 5GHz	0.97 dB @2.4G 1.54dB @5G			332
278	WNC	Main	81EABG15.G28	3.22dBi @ 2.4GHz 4.73dBi @ 5GHz	1.39 dB @2.4G 2.34dB @5G	PIFA	NGFF	370
		Aux	81EABG15.G28	3.16dBi @ 2.4GHz 4.75dBi @ 5GHz	1.39 dB @2.4G 2.34dB @5G			370
279	SPEED	Main	F-0G-CC-6030-003-00	2.87dBi @ 2.4GHz 4.39dBi @ 5GHz	1.39 dB @2.4G 2.34dB @5G	PIFA	NGFF	370
		Aux	F-0G-CC-6030-003-00	2.75dBi @ 2.4GHz 4.34dBi @ 5GHz	1.39 dB @2.4G 2.34dB @5G			370
280	SPEED	Main	F-0G-CC-6033-002-00	2.19dBi @ 2.4GHz 3.26dBi @ 5GHz	2.25 dB @2.4G 3.8dB @5G	PIFA	NGFF	External cable: 965 SMA cable: 410
		Aux	F-0G-CC-6033-002-00	1.89dBi @ 2.4GHz 3.55dBi @ 5GHz	2.25 dB @2.4G 3.8dB @5G			External cable: 965 SMA cable: 410
281	SPEED	Main	F-0G-CC-6030-003-00	2.87dBi @ 2.4GHz 4.39dBi @ 5GHz	1.39 dB @2.4G 2.34dB @5G	PIFA	NGFF	External cable: 965 SMA cable: 370
		Aux	F-0G-CC-6030-003-00	2.75dBi @ 2.4GHz 4.34dBi @ 5GHz	1.39 dB @2.4G 2.34dB @5G			External cable: 965 SMA cable: 370

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
282	SPEED	Main	025.901VO.0001 (F-0G-FS-6114-001-00)	0.86dBi @ 2.4GHz 3.49dBi @ 5GHz	0.55dB @ 2.4GHz 0.86dB @ 5GHz	PIFA	IPEX (MHF)	188
		Aux	025.901VO.0001 (F-0G-FS-6114-001-00)	0.99dBi @ 2.4GHz 3.57dBi @ 5GHz	0.52dB @ 2.4GHz 0.82dB @ 5GHz			173
283	HongBo	Main	025.901W0.0001 (260-29080)	1.87 dBi @ 2.4GHz 3.57 dBi @ 5GHz	0.62dB @ 2.4GHz 0.97dB @ 5GHz	PIFA	I-PEX	188
		Aux	025.901W0.0001 (260-29080)	2.2 dBi @ 2.4GHz 3.58 dBi @ 5GHz	0.71dB @ 2.4GHz 1.11dB @ 5GHz			173
284	WNC HongBo	Main	025.901WJ.0001 (81EABJ15.G03) + 025.901W1.0001 (260-29081)	3.22 dBi @ 2.4GHz 3.55 dBi @ 5GHz	1.39dB @ 2.4GHz 2.34dB @ 5GHz	PIFA	R-SMA (RF Cable : NGFF)	965 RF Cable : 370
		Aux	025.901WJ.0001 (81EABJ15.G03) + 025.901W1.0001 (260-29081)	3.16 dBi @ 2.4GHz 3.59 dBi @ 5GHz	1.39dB @ 2.4GHz 2.34dB @ 5GHz			946 RF Cable : 370
285	SPEED	Main	025.901WI.0001 (F-0G-FS-6114-003-00) + 025.901VP.0001 (F-0G-FS-6114-002-00)	2.06 dBi @ 2.4GHz 3.58 dBi @ 5GHz	0.28dB @ 2.4GHz 0.45dB @ 5GHz	PIFA	R-SMA (RF Cable : IPEX)	External cable : 900 RF Cable : 370
		Aux	025.901WI.0001 (F-0G-FS-6114-003-00) + 025.901VP.0001 (F-0G-FS-6114-002-00)	3.17 dBi @ 2.4GHz 2.31 dBi @ 5GHz	0.28dB @ 2.4GHz 0.44dB @ 5GHz			External cable : 900 RF Cable : 370
286	Amphenol	Main	DC33001V100	3.03dBi @ 2.4GHz 4.68dBi @ 5GHz	0.52 dB @2.4G 1.02dB @5G	PIFA	MHF 4	170
		Aux	DC33001V110	3.12dBi @ 2.4GHz 3.89dBi @ 5GHz	0.85 dB @2.4G 1.47dB @5G			278
287	AWAN	Main	DC33001UZ00	1.76dBi @ 2.4GHz 2.48dBi @ 5GHz	0.4 dB @2.4G 0.68dB @5G	PIFA	IPEX	160
		Aux	DC33001UZ10	2.49dBi @ 2.4GHz 2.17dBi @ 5GHz	0.69 dB @2.4G 1.17dB @5G			274
288	WNC	Main	DC33002JG00	-2.08 dBi @ 2.4GHz 1.48 dBi @ 5GHz	0.36dB @ 2.4GHz 0.54 dB @ 5GHz	PIFA	IPEX4	143
		Aux	DC33002JG00	-2.35 dBi @ 2.4GHz 0.75 dBi @ 5GHz	0.56 dB @ 2.4GHz 0.82 dB @ 5GHz			219
289	AWAN	Main	AYP6Y-200027 (DC33002I70L)	0.52 dBi @ 2.4GHz -0.95 dBi @ 5GHz F18	1.96 dBi @ 2.4GHz 2.97 dBi @ 5GHz F18	PIFA	i-pex (MHF)	593
		Aux	AYP6Y-200027 (DC33002I70L)	0.28 dBi @ 2.4GHz -0.69 dBi @ 5GHz	1.48 dBi @ 2.4GHz 2.49dBi @ 5GHz			593
290	Hong-BO Co., Ltd.	Main	260-24360 (DC33002IA0L)	1.53 dBi @ 2.4GHz -0.91 dBi @ 5GHz	1.47 dBi @ 2.4GHz 2.29 dBi @ 5GHz	PIFA	i-pex (MHF)	593
		Aux	260-24360 (DC33002IA0L)	0.43dBi @ 2.4GHz -0.02 dBi @ 5GHz	1.19 dBi @ 2.4GHz 1.75 dBi @ 5GHz			593

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
291	SPEED	Main	F-0G-FH-6129-001-00 (DC33002IC0L)	0.53 dBi @ 2.4GHz 0.12 dBi @ 5GHz	1.47 dBi @ 2.4GHz 2.29 dBi @ 5GHz	PIFA	i-pex (MHF)	593
		Aux	F-0G-FH-6129-001-00 (DC33002IC0L)	-1.12 dBi @ 2.4GHz -1.75 dBi @ 5GHz	1.19 dBi @ 2.4GHz 1.84 dBi @ 5GHz			593
292	AWAN	Main	AXP6Y-100008 (DC33002I71L)	-2.7 dBi @ 2.4GHz -0.35 dBi @ 5GHz	0.46dBi @ 2.4GHz 0.7 dBi @ 5GHz	PIFA	IPEX(MHF)	140
		Aux	AXP6Y-100009 (DC33002I72L)	-1.95 dBi @ 2.4GHz -1.4 dBi @ 5GHz	1.28dBi @ 2.4GHz 2.12 dBi @ 5GHz			510
293	Hong-BO Co., Ltd.	Main	260-24358 (DC33002IA1L)	0.01 dBi @ 2.4GHz 0.66dBi @ 5GHz	-0.48 dBi @ 2.4GHz -0.75 dBi @ 5GHz	PIFA	i-pex (MHF)	140
		Aux	260-24359 (DC33002IA2L)	0.73 dBi @ 2.4GHz -2.79 dBi @ 5GHz	-1.43 dBi @ 2.4GHz -2.07dBi @ 5GHz			510
294	SPEED	Main	F-0G-FH-6129-002-00	-1.41 dBi @ 2.4GHz 1.24 dBi @ 5GHz	0.5 dBi @ 2.4GHz 0.84 dBi @ 5GHz	PIFA	i-pex (MHF)	140
		Aux	F-0G-FH-6129-003-00	-0.65 dBi @ 2.4GHz -1.76dBi @ 5GHz	1.49 dBi @ 2.4GHz 2.33 dBi @ 5GHz			510
295	INPAQ	Main	WA-P-LB-02-910 (HQ20604689000)	2.22dBi @ 2.4GHz 3dBi @ 5GHz	1.12 dB @2.4G 2.1dB @5G	PIFA	i-pex (MHF)	406.9
		Aux	WA-P-LB-02-911 (HQ20604688000)	2.14dBi @ 2.4GHz 2.75dBi @ 5GHz	2.01 dB @2.4G 2.89dB @5G			594
296	ZTX	Main	2.00005047 (HQ20604687000)	1.85dBi @ 2.4GHz 2.74dBi @ 5GHz	1.26 dB @2.4G 1.95dB @5G	PIFA	i-pex (MHF)	406.9
		Aux	2.00005048 (HQ20604683000)	1.91dBi @ 2.4GHz 2.44dBi @ 5GHz	1.84 dB @2.4G 2.81dB @5G			594
297	SPEED	Main	F-0G-XZ-6002-001-00	-0.48dBi @ 2.4GHz 4.52dBi @ 5GHz	0.43 dB @2.4G 0.68 dB @5G	PIFA	IPEX (MHF4)	148
		Aux	F-0G-XZ-6002-001-00	-1.59dBi @ 2.4GHz 3.71dBi @ 5GHz	0.89 dB @2.4G 1.40 dB @5G			302
298	AWAN	Main	AYP6Y-200036	-0.33 dBi @2.4G 2.97dBi @ 5GHz	0.42 dB @2.4G 0.74 dB @5G	PIFA	I-pex (20565-001R-13)	148
		Aux	AYP6Y-200036	0.27 dBi @2.4G 2.40 dBi @ 5GHz	0.88 dB @2.4G 1.51 dB @5G			302
299	SPEED	Main	F-0G-XZ-6003-003-00 (HQ20604728000)	-1.81 dBi @2.4G 4.70 dBi @ 5GHz	0.71 dB @2.4G 1.12 dB @5G	PIFA	IPEX (MHF4)	242
		Aux	F-0G-XZ-6003-003-00 (HQ20604728000)	-1.94 dBi @2.4G 4.58 dBi @ 5GHz	1.19 dB @2.4G 1.87 dB @5G			405
300	AWAN	Main	AYP6Y-200043	-2.62 dBi @2.4G 2.74 dBi @ 5GHz	0.60 dB @2.4G 1.00 dB @5G	PIFA	I-pex (20565-001R-13)	242
		Aux	AYP6Y-200043	0.73 dBi @2.4G 2.43 dBi @ 5GHz	1.01 dB @2.4G 1.68 dB @5G			405
301	SPEED	Main	F-0G-XZ-0231-000-00	3.0 dBi @2.4G 3.7 dBi @ 5GHz	1.1 dB @2.4G 1.73 dB @5G	PIFA	IPEX (MHF4)	373
		Aux	F-0G-XZ-0231-000-00	2.0 dBi @2.4G 4.4 dBi @ 5GHz	1.67 dB @2.4G 2.63 dB @5G			569
302	INPAQ	Main	WA-P-LBLB-04-081	3.06 dBi @2.4G 3.23 dBi @ 5GHz	1.17 dB @2.4G 1.81 dB @5G	PIFA	I-PEX MHF-4L	378.5
		Aux	WA-P-LBLB-04-081	2.99 dB @2.4G 2.77 dBi @ 5GHz	1.77 dB @2.4G 2.80 dB @5G			572

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
303	Speed	Main	DC33001VQ00	1.36dBi @ 2.4GHz 2.26dBi @ 5GHz	1.56 dB @2.4G 2.33dB @5G	PIFA	IPEX (MHF)	532
		Aux	DC33001VQ10	3.01dBi @ 2.4GHz 1.84dBi @ 5GHz	2.16 dB @2.4G 3.35dB @5G			735
304	LUXSHARE-ICT	Main	DC33001VM00	1.94dBi @ 2.4GHz 1.28dBi @ 5GHz	1.33 dB @2.4G 2.07dB @5G	PIFA	IPEX (MHF)	532
		Aux	DC33001VM10	2.34dBi @ 2.4GHz 1.04dBi @ 5GHz	1.83 dB @2.4G 2.85dB @5G			735
305	INPAQ	Main	DC33001VZ00	1.77dBi @ 2.4GHz 0.74dBi @ 5GHz	1.81dB @2.4G 3.0dB @5G	PIFA	IPEX (MHF)	532
		Aux	DC33001VZ10	1.06dBi @ 2.4GHz -0.15dBi @ 5GHz	1.8dB @2.4G 3.0dB @5G			735
306	HongBo	Main	DC33001X200	1.74dBi @ 2.4GHz 2.14dBi @ 5GHz	1.83 dB @2.4G 2.75dB @5G	PIFA	IPEX (MHF)	610
		Aux	DC33001X210	0.75dBi @ 2.4GHz 1.60dBi @ 5GHz	2.48 dB @2.4G 3.51dB @5G			825
307	LUXSHARE-ICT	Main	DC33001X100	1.48dBi @ 2.4GHz 2.23dBi @ 5GHz	1.50 dB @2.4G 2.33dB @5G	PIFA	IPEX (MHF)	610
		Aux	DC33001X110	1.02dBi @ 2.4GHz 1.28dBi @ 5GHz	1.50 dB @2.4G 2.33dB @5G			825
308	Speed	Main	DC33001X000	1.18dBi @ 2.4GHz 3.03dBi @ 5GHz	1.79dB @2.4G 2.67dB @5G	PIFA	IPEX (MHF)	610
		Aux	DC33001X010	2.46dBi @ 2.4GHz 0.96dBi @ 5GHz	2.42dB @2.4G 3.82dB @5G			825
309	Pluse	Main	SZ1876D (DC33002JY00)	1.50dBi @ 2.4GHz 1.34dBi @ 5GHz	1.85 dB @2.4G 2.91 dB @5G	PIFA	NGFF	685
		Aux	SZ1876E (DC33002JY10)	0.12dBi @ 2.4GHz -1.08dBi @ 5GHz	2.35 dB @2.4G 3.49dB @5G			872
310	MAG.LAYERS	Main	PCA-4007-25GC7-A1 (DC33002JX00)	0.91dBi @ 2.4GHz 0.71dBi @ 5GHz	1.97 dB @2.4G 2.94dB @5G	PIFA	IPEX	672
		Aux	PCA-4007-25GC7-A2 (DC33002JX10)	0.27dBi @ 2.4GHz 0.93dBi @ 5GHz	2.52 dB @2.4G 3.76dB @5G			859
311	High-tek Electronics Co., Ltd	Main	0ACCN021006N (DC33002LA00)	2.55dBi @ 2.4GHz -0.59dBi @ 5GHz	2.03 dB @2.4G 3.21dB @5G	PIFA	IPEX	570
		Aux	0ACCN021007N (DC33002LA10)	2.5dBi @ 2.4GHz 0.37dBi @ 5GHz	2.06 dB @2.4G 3.12dB @5G			739
312	AWAN	Main	AYP6Y-100225 (DC33002LY00)	2.24dBi @ 2.4GHz 2.17dBi @ 5GHz	1.96 dB @2.4G 2.79dB @5G	PIFA	I-pex (20565-001R-13)	570
		Aux	AYP6Y-100226 (DC33002LY10)	1.74dBi @ 2.4GHz 0.96dBi @ 5GHz	2.06dB @2.4G 3.25dB @5G			739
313	High-tek Electronics Co., Ltd	Main	0ACCN021008N (DC33002LB00)	1.41dBi @ 2.4GHz -1.44dBi @ 5GHz	2.21 dB @2.4G 3.49 dB @5G	PIFA	IPEX	620
		Aux	0ACCN021009N (DC33002LB10)	1.38dBi @ 2.4GHz 0.10dBi @ 5GHz	2.33 dB @2.4G 3.52dB @5G			835
314	AWAN	Main	AYP6Y-100227 (DC33002LZ00)	3.11dBi @ 2.4GHz 1.18dBi @ 5GHz	1.87 dB @2.4G 3.01 dB @5G	PIFA	I-pex (20565-001R-13)	620
		Aux	AYP6Y-100228 (DC33002LZ10)	1.18dBi @ 2.4GHz 1.53dBi @ 5GHz	2.08 dB @2.4G 3.22 dB @5G			835
315	INPAQ	Main	WA-P-LELE-04-006	3.00dBi @ 2.4GHz 4.90dBi @ 5GHz	0.47 dB @2.4G 0.73 dB @5G	PIFA	I-PEX MHF-4L	131.6
		Aux	WA-P-LELE-04-006	2.91dBi @ 2.4GHz 3.46dBi @ 5GHz	1.25 dB @2.4G 1.84 dB @5G			347.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
316	INPAQ	Main	WA-P-LELE-04-006	2.78dBi @ 2.4GHz 4.28dBi @ 5GHz	0.47 dB @2.4G 0.73 dB @5G	PIFA	I-PEX MHF-4L	131.6
		Aux	WA-P-LELE-04-006	3.15dBi @ 2.4GHz 3.08dBi @ 5GHz	1.25 dB @2.4G 1.84 dB @5G			347.5
317	INPAQ	Main	WA-P-LELE-04-007	1.29dBi @ 2.4GHz 4.88dBi @ 5GHz	0.61 dB @2.4G 0.94 dB @5G	PIFA	I-PEX MHF-4L	168
		Aux	WA-P-LELE-04-007	0.89dBi @ 2.4GHz 3.66dBi @ 5GHz	0.64 dB @2.4G 0.94dB @5G			176.5
318	AWAN	Main	AYP6Y-200040	2.99dBi @2.4GHz 3.46dBi @5GHz	0.4dB @2.4GHz 0.64dB @5GHz	PIFA	I-pex (20565-001R-13)	131.6
		Aux	AYP6Y-200040	2.94dBi @2.4GHz 2.53dBi @5GHz	1.05dB @2.4GHz 1.69dB @5GHz			347.5
319	AWAN	Main	AYP6Y-200040	2.81dBi @2.4GHz 3.34dBi @5GHz	0.4dB @2.4GHz 0.64dB @5GHz	PIFA	I-pex (20565-001R-13)	131.6
		Aux	AYP6Y-200040	3.14dBi @2.4GHz 2.55dBi @5GHz	1.05dB @2.4GHz 1.75dB @5GHz			347.5
320	AWAN	Main	AYP6Y-200041	1.98dBi @2.4GHz 4.11dBi @5GHz	0.51dB @2.4GHz 0.82dB @5GHz	PIFA	I-pex (20565-001R-13)	168
		Aux	AYP6Y-200041	1.33dBi @2.4GHz 3.77dBi @5GHz	0.53dB @2.4GHz 0.86dB @5GHz			176.5
321	High-tek Electronics Co., Ltd	Main	025.901OF.0001 (0ACAR019015N)	-0.31dBi @ 2.4GHz 0.14dBi @ 5GHz	1.3 dB @2.4G 2.23dB @5G	PIFA	IPEX	400
		Aux	025.901OG.0001 (0ACAR019014N)	0.2dBi @ 2.4GHz -1.15dBi @ 5GHz	1.3 dB @2.4G 2.10dB @5G			495
322	SPEED	Main	025.901OH.0001 (F.0G.FS-6096-001-00)	0.15dBi @ 2.4GHz -1.29dBi @ 5GHz	1.39 dB @2.4G 2.28dB @5G	PIFA	IPEX	395
		Aux	025.901OI.0001 (F.0G.FS-6096-002-00)	1.02dBi @ 2.4GHz -0.97dBi @ 5GHz	1.73 dB @2.4G 2.89dB @5G			490
323	WNC ICT/VSO	Main	L95421-001 (81EABB15.GAU) + 350.0EA02.0001	1.09dBi @ 2.4GHz -0.19dBi @ 5GHz	1.71 dB @2.4G 2.73dB @5G	Dipole	Reverse SMA (RF Cable : MHF4)	1000 (RF Cable : 68)
		Aux	L95421-001 (81EABB15.GAU) + 350.0EA03.0001	0.07dBi @ 2.4GHz 1.14dBi @ 5GHz	1.70 dB @2.4G 2.91dB @5G			1000 (RF Cable : 85)
324	walsin MAG.LAYERS	Main	RFDPA787880SBLB901 + ACA-0023-6G0C1-A1	0.61dBi @ 2.4GHz 1.86dBi @ 5GHz	1.6 dB @2.4G 2.57dB @5G	Dipole	Reverse SMA (RF Cable :IPEX4)	800 (RF Cable : 23)
		Aux	RFDPA787880SBLB901 + ACA-0023-6G0C1-A1	0.98dBi @ 2.4GHz 1.36dBi @ 5GHz	1.6 dB @2.4G 2.57dB @5G			800 (RF Cable : 23)

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
325	MAG.LAYERS	Main	EDA-9762-6G0R1-A1 + ACA-0023-6G0C1-A1	1.56dBi @ 2.4GHz 2.29dBi @ 5GHz	0.25dB@2.4GHz 0.91dB@5GHz	Dipole	R-SMA (RF Cable :IPEX-4)	800 (RF Cable : 23)
		Aux	EDA-9762-6G0R1-A1 + ACA-0023-6G0C1-A1	0.38dBi @ 2.4GHz 0.88dBi @ 5GHz	0.22dB@2.4GHz 0.52dB@5GHz			800 (RF Cable : 23)
326	Shenzhen South Star Technology Co., LTD	Main	N12-7822-R0A	1.96 dBi @ 2.4GHz 2.45 dBi @ 5GHz	1.0 dB @2.4G 1.62 dB @5G	PIFA	IPEX 4	274
		Aux	N12-7822-R0A	1.75 dBi @ 2.4GHz 2.6 dBi @ 5GHz	1.39 dB @2.4G 2.23 dB @5G			362
327	ZhongTianXun	Main	2.00005087	1.57 dBi @ 2.4GHz 2.44 dBi @ 5GHz	0.9 dB @2.4G 1.39 dB @5G	PIFA	IPEX 4	274
		Aux	2.00005087	1.91 dBi @ 2.4GHz 2.42 dBi @ 5GHz	1.23 dB @2.4G 1.91 dB @5G			362

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
328	HONG-BO	Main	DQ602379300	-0.92dBi @ 2.4GHz 1.68dBi @ 5GHz	0.77dB @ 2.4G 1.15dB @ 5G	PIFA	I-PEX (MHF)	301
		Aux	DQ602379300	-1.07dBi @ 2.4GHz 1.57dBi @ 5GHz	1.25dB @ 2.4G 1.86dB @ 5G			488
329	INPAQ Corporation	Main	DQ6WAPLEL08	1.07dBi @ 2.4GHz 2.36dBi @ 5GHz	1.83dB @ 2.4G 3.06dB @ 5G	PIFA	I-PEX MHF-4L	543
		Aux	DQ6WAPLEL08	1.47dBi @ 2.4GHz 2.13dBi @ 5GHz	2.28dB @ 2.4G 3.51dB @ 5G			816
330	WNC	Main	DQ6D15GAB00	2.83dBi @ 2.4GHz 1.37dBi @ 5GHz	1.73dB @ 2.4G 2.76dB @ 5G	PIFA	I-PEX MHF-4L	543
		Aux	DQ6D15GAB00	2.97dBi @ 2.4GHz 2.02dBi @ 5GHz	2.04dB @ 2.4G 3.10dB @ 5G			816
331	INPAQ Corporation	Main	DQ6WAPLEL04	1.73dBi @ 2.4GHz 2.37dBi @ 5GHz	1.93dB @ 2.4GHz 3.14dB @ 5GHz	PIFA	I-PEX MHF-4L	573
		Aux	DQ6WAPLEL04	1.63dBi @ 2.4GHz 2.41dBi @ 5GHz	2.27dB @ 2.4GHz 3.44dB @ 5GHz			813
332	INPAQ Corporation	Main	DQ6WAPLEL05	1.73dBi @ 2.4GHz 2.37dBi @ 5GHz	1.93dB @ 2.4GHz 3.14dB @ 5GHz	PIFA	I-PEX MHF-4L	573
		Aux	DQ6WAPLEL05	1.63dBi @ 2.4GHz 2.41dBi @ 5GHz	2.27dB @ 2.4GHz 3.44dB @ 5GHz			813
333	WNC	Main	DQ6D15G9100	1.77dBi @ 2.4GHz 1.66dBi @ 5GHz	2.08dB @ 2.4GHz 3.15dB @ 5GHz	PIFA	IPEX 4	573
		Aux	DQ6D15G9100	2.31dBi @ 2.4GHz 1.28dBi @ 5GHz	2.53dB @ 2.4GHz 3.77dB @ 5GHz			813
334	WNC	Main	DQ6D15G7100	1.77dBi @ 2.4GHz 1.66dBi @ 5GHz	2.08dB @ 2.4GHz 3.15dB @ 5GHz	PIFA	IPEX 4	573
		Aux	DQ6D15G7100	2.31dBi @ 2.4GHz 1.28dBi @ 5GHz	2.53dB @ 2.4GHz 3.77dB @ 5GHz			813
335	WNC	Main	DQ6D15G7000	0.81dBi @ 2.4GHz 1.02dBi @ 5GHz	2.02dB @ 2.4GHz 3.20dB @ 5GHz	PIFA	IPEX 4	542
		Aux	DQ6D15G7000	-0.34dBi @ 2.4GHz 0.97dBi @ 5GHz	1.93dB @ 2.4GHz 3.04dB @ 5GHz			757.8
336	WNC	Main	DQ6D15G9000	0.81dBi @ 2.4GHz 1.02dBi @ 5GHz	2.02dB @ 2.4GHz 3.20dB @ 5GHz	PIFA	IPEX 4	542
		Aux	DQ6D15G9000	-0.34dBi @ 2.4GHz 0.97dBi @ 5GHz	1.93dB @ 2.4GHz 3.04dB @ 5GHz			757.8
337	WNC	Main	DQ6D15G9900	0.81dBi @ 2.4GHz 1.02dBi @ 5GHz	2.02dB @ 2.4GHz 3.20dB @ 5GHz	PIFA	IPEX 4	542
		Aux	DQ6D15G9900	-0.34dBi @ 2.4GHz 0.97dBi @ 5GHz	1.93dB @ 2.4GHz 3.04dB @ 5GHz			757.8

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length mm()
338	INPAQ Corporation	Main	DQ6WAPLEL03	-0.23dBi @ 2.4GHz 1.85dBi @ 5GHz	1.82dB @ 2.4GHz 3.06dB @ 5GHz	PIFA	I-PEX MHF-4L	542
		Aux	DQ6WAPLEL03	0.33dBi @ 2.4GHz 2.26dBi @ 5GHz	2.11dB @ 2.4GHz 3.26dB @ 5GHz			757.8
339	INPAQ Corporation	Main	DQ6WAPLEL02	-0.23dBi @ 2.4GHz 1.85dBi @ 5GHz	1.82dB @ 2.4GHz 3.06dB @ 5GHz	PIFA	I-PEX MHF-4L	542
		Aux	DQ6WAPLEL02	0.33dBi @ 2.4GHz 2.26dBi @ 5GHz	2.11dB @ 2.4GHz 3.26dB @ 5GHz			757.8
340	INPAQ Corporation	Main	DQ6WAPLEL07	-0.23dBi @ 2.4GHz 1.85dBi @ 5GHz	1.82dB @ 2.4GHz 3.06dB @ 5GHz	PIFA	I-PEX MHF-4L	542
		Aux	DQ6WAPLEL07	0.33dBi @ 2.4GHz 2.26dBi @ 5GHz	2.11dB @ 2.4GHz 3.26dB @ 5GHz			757.8
341	Luxshare-ICT Corporation	Main	DC33001VP00	1.88dBi @ 2.4GHz 2.99dBi @ 5GHz	0.61 dB @2.4G 0.94dB @5G	PIFA	i-pex(MHF)	250
		Aux	DC33001VP00	1.92dBi @ 2.4GHz 2.85dBi @ 5GHz	0.61 dB @2.4G 0.95dB @5G			250
342	Speedwire	Main	DC33001VN00	1.69dBi @ 2.4GHz 2.83dBi @ 5GHz	0.69 dB @2.4G 1.13dB @5G	PIFA	i-pex(MHF)	250
		Aux	DC33001VN00	1.75dBi @ 2.4GHz 2.98dBi @ 5GHz	0.69 dB @2.4G 1.07dB @5G			250
343	Luxshare-ICT Corporation	Main	DC33001XX00	1.83dBi @ 2.4GHz 2.96dBi @ 5GHz	0.73 dB @2.4G 1.15dB @5G	PIFA	i-pex(MHF)	245
		Aux	DC33001XX00	1.91dBi @ 2.4GHz 2.82dBi @ 5GHz	0.73 dB @2.4G 1.16dB @5G			245
344	Speedwire	Main	DC33001XV00	1.79dBi @ 2.4GHz 2.52dBi @ 5GHz	0.72 dB @2.4G 1.13dB @5G	PIFA	i-pex(MHF)	245
		Aux	DC33001XV00	1.88dBi @ 2.4GHz 2.59dBi @ 5GHz	0.72 dB @2.4G 1.12dB @5G			245
345	WNC	Main	13-130-004147 (81EABK15.G69)	0.43 dBi @ 2.4GHz 3.66 dBi @ 5GHz	1.85 dB @2.4G 2.83 dB @5G	PIFA	MHF4L	650
		Aux	13-130-004149 (81EABK15.G72)	1.99 dBi @ 2.4GHz 2.34 dBi @ 5GHz	1.85 dB @2.4G 2.88 dB @5G			650
346	WNC	Main	13-130-004147 (81EABK15.G69)	1.23 dBi @ 2.4GHz 2.28 dBi @ 5GHz	1.85 dB @2.4G 2.75 dB @5G	PIFA	MHF4L	650
		Aux	13-130-004149 (81EABK15.G72)	2.27 dBi @ 2.4GHz 1.46 dBi @ 5GHz	1.85 dB @2.4G 2.88 dB @5G			650
347	WNC	Main	13-130-004147 (81EABK15.G69)	2.82 dBi @ 2.4GHz 4.09 dBi @ 5GHz	1.85 dB @2.4G 2.83 dB @5G	PIFA	MHF4L	650
		Aux	13-130-004149 (81EABK15.G72)	0.05 dBi @ 2.4GHz 1.52 dBi @ 5GHz	1.85 dB @2.4G 2.75 dB @5G			650

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
348	WNC	Main	13-130-004147 (81EABK15.G69)	1.91 dBi @ 2.4GHz 3.83 dBi @ 5GHz	1.85 dB @2.4G 2.83 dB @5G	PIFA	MHF4L	650
		Aux	13-130-004149 (81EABK15.G72)	-0.32 dBi @ 2.4GHz 3.02 dBi @ 5GHz	1.85 dB @2.4G 2.88 dB @5G			650
349	WNC	Main	13-130-004147 (81EABK15.G69)	1.40 dB @2.4G 3.35 dB @5G	1.85 dB @2.4G 2.75 dB @5G	PIFA	MHF4L	650
		Aux	13-130-005140 (81EABK15.G71)	1.24 dB @2.4G 3.12 dB @5G	1.94 dB @2.4G 2.86 dB @5G			524
350	WNC	Main	13-130-004147 (81EABK15.G69)	1.53dBi @ 2.4GHz 2.29dBi @ 5GHz	1.85 dB @2.4G 2.75 dB @5G	PIFA	MHF4L	650
		Aux	13-130-004148 (81EABK15.G70)	1.00dBi @ 2.4GHz 1.92dBi @ 5GHz	1.94 dB @2.4G 3.01 dB @5G			524
351	WNC	Main	13-130-004146 (81EABK15.G65)	2.93dBi @ 2.4GHz 3.08dBi @ 5GHz	1.50 dB @2.4G 2.30 dB @5G	PIFA	MHF4L	524
		Aux	13-130-004145 (81EABK15.G66)	2.39dBi @ 2.4GHz 3.47dBi @ 5GHz	1.85 dB @2.4G 2.83 dB @5G			650
352	WNC	Main	13-130-004146 (81EABK15.G65)	1.76dBi @ 2.4GHz 4.62dBi @ 5GHz	1.50 dB @2.4G 2.30 dB @5G	PIFA	MHF4L	524
		Aux	13-130-004145 (81EABK15.G66)	1.25dBi @ 2.4GHz 4.48dBi @ 5GHz	1.85 dB @2.4G 2.88 dB @5G			650
353	Speed	Main	F.0G.FH-6125-001-00 (DC33002GY1L)	1.75dBi @ 2.4GHz 2.01dBi @ 5GHz	0.87dB @2.4G 1.35dB @5G	PIFA	ipex (MHF)	330
		Aux	F.0G.FH-6125-001-00 (DC33002GY1L)	2.04dBi @ 2.4GHz 1.30dBi @ 5GHz	1.65dB @2.4G 2.62dB @5G			570
354	Speed	Main	F.0G.FH-6125-002-00 (DC33002GY2L)	2.14dBi @ 2.4GHz 2.01dBi @ 5GHz	1.00dB @2.4G 1.60dB @5G	PIFA	i-pex (MHF)	336
		Aux	F.0G.FH-6125-002-00 (DC33002GY2L)	2.33dBi @ 2.4GHz 1.62dBi @ 5GHz	1.67dB @2.4G 2.66dB @5G			577
355	Hong-BO Co., Ltd.	Main	260-24343 (DC33002GZ1L)	2.75dBi @ 2.4GHz 2.26dBi @ 5GHz	0.75dB @2.4G 1.19dB @5G	PIFA	i-pex(MHF)	330
		Aux	260-24343 (DC33002GZ1L)	1.62dBi @ 2.4GHz 1.99dBi @ 5GHz	1.30dB @2.4G 2.06dB @5G			570
356	Hong-BO Co., Ltd.	Main	260-24342 (DC33002GZ2L)	3.16dBi @ 2.4GHz 2.29dBi @ 5GHz	1.29dB @2.4G 2.05dB @5G	PIFA	i-pex(MHF)	336
		Aux	260-24342 (DC33002GZ2L)	1.52dBi @ 2.4GHz 2.47dBi @ 5GHz	1.29dB @2.4G 2.05dB @5G			577
357	WNC	Main	DC33002GW1L (81EABG15.G01)	2.07dBi @ 2.4GHz 2.10dBi @ 5GHz	0.97dB @2.4G 1.51dB @5G	PIFA	i-pex(MHF)	348.5
		Aux	DC33002GW1L (81EABG15.G01)	2.47dBi @ 2.4GHz 1.18dBi @ 5GHz	1.63dB @2.4G 2.55dB @5G			588.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
358	WNC	Main	DC33002GW2L (81ELAW15.G16)	1.72dBi @ 2.4GHz 2.29dBi @ 5GHz	0.99dB @2.4G 1.54dB @5G	PIFA	i-pex(MHF)	356
		Aux	C33002GW2L (81ELAW15.G16)	2.42dBi @ 2.4GHz 1.81dBi @ 5GHz	1.66dB @2.4G 2.58dB @5G			597
359	Auden Techno Corp.	Main	A22403-30 (DC33002M40L)	2.13dBi @ 2.4GHz 2.15dBi @ 5GHz	0.86dB @2.4G 1.75dB @5G	PIFA	i-pex(MHF)	330
		Aux	A22403-30 (DC33002M40L)	1.69dBi @ 2.4GHz 1.51dBi @ 5GHz	1.5dB @2.4G 2.5dB @5G			570
360	Auden Techno Corp.	Main	A22402-00 (DC33002M41L)	2.33dBi @ 2.4GHz 2.34dBi @ 5GHz	0.83dB @2.4G 1.4dB @5G	PIFA	i-pex(MHF)	336
		Aux	A22402-00 (DC33002M41L)	2.34dBi @ 2.4GHz 2.88dBi @ 5GHz	1.35dB @2.4G 2.15dB @5G			577
361	WNC	Main	81EABD15.G36 (025.901S3.0011 (NB Mode)	1.37dBi @ 2.4GHz 0.62dBi @ 5GHz	1.21dB @2.4G 1.70dB @5G	PIFA	IPEX	470
		Aux	81EABD15.G35 (025.901S3.0001) (NB Mode)	0.60dBi @ 2.4GHz 1.21dBi @ 5GHz	0.98 dB @2.4G 1.38dB @5G			380
	WNC	Main	81EABD15.G36 (025.901S3.0011) (TB Mode)	1.03dBi @ 2.4GHz 1.64dBi @ 5GHz	1.21dB @ 2.4GHz 1.79dB @ 5GHz	PIFA	IPEX	470
		Aux	81EABD15.G35 (025.901S3.0001) (TB Mode)	-0.12dBi @ 2.4GHz 1.19dBi @ 5GHz	0.98dB @ 2.4GHz 1.38dB @ 5GHz			380
362	High-Tek Electronics Co., Ltd	Main	025.901S3.0031 (0ACAR020015N) (NB Mode)	-1.98dBi @ 2.4GHz 0.83dBi @ 5GHz	1.30dB @ 2.4GHz 2.23dB @ 5GHz	PIFA	IPEX	470
		Aux	025.901S3.0021 (0ACAR020014N) (NB Mode)	-1.42dBi @ 2.4GHz 1.71dBi @ 5GHz	0.87dB @ 2.4GHz 1.54dB @ 5GHz			380
	High-Tek Electronics Co., Ltd	Main	025.901S3.0031 (0ACAR020015N) (TB Mode)	-1.65dBi @ 2.4GHz 0.06dBi @ 5GHz	1.30dB @ 2.4GHz 2.23dB @ 5GHz	PIFA	IPEX	470
		Aux	025.901S3.0021 (0ACAR020014N) (TB Mode)	-1.5dBi @ 2.4GHz 2.63dBi @ 5GHz	1.05dB @ 2.4GHz 1.64dB @ 5GHz			380
363	INPAQ Corporation	Main	DQ60PLBLB16	-1.45dBi @ 2.4GHz 0.31dBi @ 5GHz	1.74dB @2.4G 2.71dB @5G	PIFA	I-PEX MHF-4L	473
		Aux	DQ60PLBLB16	-1.24dBi @ 2.4GHz 0.85dBi @ 5GHz	2.33dB @2.4G 3.61dB @5G			753
364	AWAN	Main	DQ60AUP6Y03	-1.42dBi @ 2.4GHz 1.65dBi @ 5GHz	1.56dB @2.4G 2.51dB @5G	PIFA	I-pex	473
		Aux	DQ60AUP6Y03	-2.24dBi @ 2.4GHz -1.14dBi @ 5GHz	1.88dB @2.4G 3.20dB @5G			753
365	ZhongTianXun	Main	2.00005163	1.65dBi @ 2.4GHz 2.91dBi @ 5GHz	0.66dB @2.4G 1.00dB @5G	PIFA	IPEX 4	212.3
		Aux	2.00005163	1.88dBi @ 2.4GHz 2.89dBi @ 5GHz	0.86 dB @2.4G 1.39dB @5G			277.8

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
366	Speed Wireless technology Co.,Ltd.	Main	F-0G-XZ-0300-000-K0	1.65dBi @ 2.4GHz 2.91dBi @ 5GHz	0.66dB @2.4G 1.00dB @5G	PIFA	IPEX	212.3
		Aux	F-0G-XZ-0300-000-K0	1.88dBi @ 2.4GHz 2.89dBi @ 5GHz	0.86 dB @2.4G 1.39dB @5G			277.8
367	ZhongTianXun	Main	2.00005169	2.89dBi @ 2.4GHz 3.84dBi @ 5GHz	0.93 dB @2.4G 1.42dB @5G	PIFA	IPEX	300.5
		Aux	2.00005169	2.81dBi @ 2.4GHz 2.74dBi @ 5GHz	1.18 dB @2.4G 1.80dB @5G			380.4
368	Speed Wireless technology Co.,Ltd.	Main	F-0G-XZ-0299-000-K0	2.89dBi @ 2.4GHz 3.84dBi @ 5GHz	0.93 dB @2.4G 1.42dB @5G	PIFA	IPEX	300.5
		Aux	F-0G-XZ-0299-000-K0	2.81dBi @ 2.4GHz 2.74dBi @ 5GHz	1.18 dB @2.4G 1.80dB @5G			380.4
369	INPAQ Corporation	Main	WA-P-LELE-04-006	3.14dBi @ 2.4GHz 3.43dBi @ 5GHz	0.44 dB @2.4G 0.72 dB @5G	PIFA	I-PEX MHF-4L	131.6
		Aux	WA-P-LELE-04-006	3.13dBi @ 2.4GHz 3.85dBi @ 5GHz	1.17 dB @2.4G 1.94 dB @5G			347.5
370	INPAQ Corporation	Main	WA-P-LELE-04-006	3.16dBi @ 2.4GHz 4.9dBi @ 5GHz	0.44 dB @2.4G 0.74 dB @5G	PIFA	I-PEX MHF-4L	131.6
		Aux	WA-P-LELE-04-006	3.17dBi @ 2.4GHz 3.72dBi @ 5GHz	1.17 dB @2.4G 1.96 dB @5G			347.5
371	INPAQ Corporation	Main	WA-P-LELE-04-007	2.33dBi @ 2.4GHz 3.6dBi @ 5GHz	0.57 dB @2.4G 0.95 dB @5G	PIFA	I-PEX MHF-4L	168
		Aux	WA-P-LELE-04-007	3.02dBi @ 2.4GHz 4.91dBi @ 5GHz	0.59 dB @2.4G 1.00 dB @5G			176.5
372	AWAN	Main	AYP6Y-200040	2.46dBi @2.4GHz 3.58dBi @5GHz	0.40dB @2.4GHz 0.66dB @5GHz	PIFA	I-pex (20565-001R-13)	131.6
		Aux	AYP6Y-200040	3.16dBi @2.4GHz 4.54dBi @5GHz	1.05dB @2.4GHz 1.70dB @5GHz			347.5
373	AWAN	Main	AYP6Y-200040	1.59dBi @2.4GHz 4.89dBi @5GHz	0.40dB @2.4GHz 0.66dB @5GHz	PIFA	I-pex (20565-001R-13)	131.6
		Aux	AYP6Y-200040	3.06dBi @2.4GHz 3.58dBi @5GHz	1.05dB @2.4GHz 1.75dB @5GHz			347.5
374	AWAN	Main	AYP6Y-200041	3.01dBi @2.4GHz 3.76dBi @5GHz	0.51dB @2.4GHz 0.82dB @5GHz	PIFA	I-pex (20565-001R-13)	168
		Aux	AYP6Y-200041	2.37dBi @2.4GHz 4.50dBi @5GHz	0.53dB @2.4GHz 0.89dB @5GHz			176.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
375	Walsin MAG.LAYERS	Main	RFDPA141000SBLB702 + ACA-0023-6G0C1-A1	2.179dBi@2.4G 3.485dBi@5G	2dB @2.4G 2dB@5G	PIFA	Reverse SMA Plug (RF Cable:IPEX4)	N.A. (RF Cable:23)
		Aux	RFDPA141000SBLB701 + ACA-0023-6G0C1-A1	2.468dBi@2.4G 3.368dBi@5G	2dB @2.4G 2dB@5G			N.A. (RF Cable:23)
376	Walsin MAG.LAYERS	Main	RFDPA787880SBLB901 + ACA-0023-6G0C1-A1	0.61dBi@2.4G 1.86dBi@5G	1.6dB@2.4G 2.57dB@5G	Dipole	Reverse SMA Plug (RF Cable:IPEX4)	800 (RF Cable:23)
		Aux	RFDPA787880SBLB901 + ACA-0023-6G0C1-A1	0.98dBi@2.4G 1.36dBi@5G	1.6dB@2.4G 2.57dB@5G			800 (RF Cable:23)
377	SPEED	Main	025.9020A.0001 (F-0G-FS-6125-001-00)	1.56 dBi @ 2.4GHz 1.07 dBi @ 5GHz	0.95 dB @ 2.4GHz 1.50 dB @ 5GHz	PIFA	IPEX (20565- 001R-13)	325
		Aux	025.9020B.0001 (F-0G-FS-6125-002-00)	3.00 dBi @ 2.4GHz 2.36 dBi @ 5GHz	0.55 dB @ 2.4GHz 0.82 dB @ 5GHz			172
378	WNC	Main	025.901ZJ.0001 (81EABJ15.G55)	2.80 dBi @ 2.4GHz 2.98 dBi @ 5GHz	0.94 dB @ 2.4GHz 1.47 dB @ 5GHz	PIFA	I-PEX (20565- 001R-13)	325
		Aux	025.901ZK.0001 (81EABJ15.G56)	2.24 dBi @ 2.4GHz 2.89 dBi @ 5GHz	0.52dB @ 2.4GHz 0.77 dB @ 5GHz			172
379	SPEED	Main	025.9020C.0001 (F-0G-FS-6125-003-00)	2.69 dBi @ 2.4GHz 1.92 dBi @ 5GHz	1.04dB @ 2.4GHz 1.64dB @ 5GHz	PIFA	IPEX (20565- 001R-13)	340
		Aux	025.9020D.0001 (F-0G-FS-6125-004-00)	2.55 dBi @ 2.4GHz 1.02 dBi @ 5GHz	0.59 dB @ 2.4GHz 0.88 dB @ 5GHz			170
380	WNC	Main	025.901ZL.0001 (81EABJ15.G57)	2.56 dBi @ 2.4GHz 2.73 dBi @ 5GHz	0.98 dB @ 2.4GHz 1.53 dB @ 5GHz	PIFA	I-PEX (20565- 001R-13)	340
		Aux	025.901ZM.0001 (81EABJ15.G58)	2.31 dBi @ 2.4GHz 2.98 dBi @ 5GHz	0.51 dB @ 2.4GHz 0.8 dB @ 5GHz			170

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
381	High-Tek Electronics Co., Ltd	Main	DC33002NB00 (0ACCN021011 N)	1.93dBi @ 2.4GHz 4.25Bi @ 5GHz	0.41dB @ 2.4GHz 0.71dB @ 5GHz	PIFA	IPEX	150
		Aux	DC33002NB10 (0ACCN021012 N)	2.77dB@2.4GHz 4.36dB@5GHz	0.86dB@2.4GHz 1.47dB@5GHz			310
382	MAG.LAYERS	Main	DC33002N900 (FPA-4534-25GC1-A1-CL)	0.73dBi @ 2.4GHz 3.68dBi @ 5GHz	0.42dB @ 2.4GHz 0.65dB @ 5GHz	PIFA	IPEX	150
		Aux	DC33002N910 (FPA-4134-25GC1-A1-CL)	1.38dB@2.4GHz 4.41dB@5GHz	0.52dB @ 2.4GHz 0.81dB @ 5GHz			186
383	High-Tek Electronics Co., Ltd	Main	DDC33002NB00 (0ACCN021011 N)	1.25dBi @ 2.4GHz 4.19dBi @ 5GHz	0.41dB @ 2.4GHz 0.71dB @ 5GHz	PIFA	IPEX	150
		Aux	DC33002NB10 (0ACCN021012 N)	1.91dBi @ 2.4GHz 4.50dBi @ 5GHz	0.86dB @ 2.4GHz 1.47dB @ 5GHz			310
384	LUXSHARE-ICT	Main	DC33001XU00	2.55dBi @ 2.4GHz 3.80dBi @ 5GHz	0.37 dB @ 2.4GHz 0.58 dB @ 5GHz	PIFA	IPEX	151
		Aux	DC33001XU00	2.16dBi @ 2.4GHz 4.10dBi @ 5GHz	0.97 dB @ 2.4GHz 1.52 dB @ 5GHz			394
385	INPAQ	Main	DC33001XS00	2.85dBi @ 2.4GHz 2.90dBi @ 5GHz	0.88 dB @ 2.4GHz 1.37 dB @ 5GHz	PIFA	I-pex (20565-001R-13)	151
		Aux	DC33001XS00	2.98dBi @ 2.4GHz 2.60dBi @ 5GHz	1.41 dB @ 2.4GHz 2.68 dB @ 5GHz			394
386	Speed Wireless Technical Co., LTD.	Main	DC33001XT00	0.93dBi @ 2.4GHz 3.41dBi @ 5GHz	0.61 dB @ 2.4GHz 0.96dB @ 5GHz	PIFA	IPEX	151
		Aux	DC33001XT00	2.47dBi @ 2.4GHz 3.54dBi @ 5GHz	1.05 dB @ 2.4GHz 1.65dB @ 5GHz			394
387	Speed	Main	F-0G-FS-6120-002	-1.35dBi @ 2.4GHz 3.30dBi @ 5GHz	0.74 dB @ 2.4GHz 1.17 dB @ 5GHz	PIFA	IPEX	287
		Aux	F-0G-FS-6120-003	-0.36dBi @ 2.4GHz 3.46dBi @ 5GHz	0.62 dB @ 2.4GHz 0.99 dB @ 5GHz			230
388	Wistron Neweb Corporation	Main	81EABJ15.G45	-1.35dBi @ 2.4GHz 3.30dBi @ 5GHz	0.74 dB @ 2.4GHz 1.17 dB @ 5GHz	PIFA	IPEX	287
		Aux	81EABJ15.G46	-0.36dBi @ 2.4GHz 3.46dBi @ 5GHz	0.62 dB @ 2.4GHz 0.99 dB @ 5GHz			230
389	Hong-BO Co., Ltd.	Main	025.901XP.0001 (260-29090)	1.00dBi @ 2.4GHz 4.64dBi @ 5GHz	0.74 dB @ 2.4GHz 1.17 dB @ 5GHz	PIFA	IPEX	298
		Aux	025.901XQ.0001 (260-29091)	1.09dBi @ 2.4GHz 4.44dBi @ 5GHz	0.69 dB @ 2.4GHz 1.09 dB @ 5GHz			278.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
390	Speed	Main	025.901XP.0011 (F-0G-FS-6122-001)	1.00 dBi @ 2.4GHz 4.64dBi @ 5GHz	0.74 dB @ 2.4GHz 1.17 dB @ 5GHz	PIFA	IPEX	298
		Aux	025.901XQ.0011 (F-0G-FS-6122-002)	1.09 dBi @ 2.4GHz 4.44dBi @ 5GHz	0.69 dB @ 2.4GHz 1.09 dB @ 5GHz			278.5
391	Wistron Neweb Corporation	Main	025.901S2.0021 (81EABD15.G33)	-0.08dBi @ 2.4GHz -0.57dBi @ 5GHz	0.37dB @ 2.4G 0.54dB @ 5G	PIFA	IPEX	145
		Aux	025.901S2.0031 (81EABD15.G34)	-0.09dBi @ 2.4GHz -1.66dBi @ 5GHz	0.54 dB @ 2.4G 0.80dB @ 5G			210
392	High-Tek Electronics Co., Ltd	Main	025.901S2.0001 (0ACAR020016 N)	1.76dBi @ 2.4GHz 2.51dBi @ 5GHz	0.47 dB @ 2.4G 0.76dB @ 5G	PIFA	IPEX	145
		Aux	025.901S2.0011 (0ACAR020017 N)	-0.24dBi @ 2.4GHz 2.31dBi @ 5GHz	0.68dB @ 2.4G 1.11dB @ 5G			210
393	High-Tek Electronics Co., Ltd	Main	DC33002KO00 (0ACCN020029 N)	2.36 dBi @ 2.4GHz 1.87 dBi @ 5GHz	2.39 dBi @ 2.4GHz 4.08 dBi @ 5GHz	PIFA	IPEX C87P132-00002-H	735
		Aux	DC33002KO10 (0ACCN020030 N)	2.29 dBi @ 2.4GHz 3.09 dBi @ 5GHz	1.16 dBi @ 2.4GHz 1.97 dBi @ 5GHz			355
394	Southstar	Main	DC33002KL00 (N12-7566-R0A)	3.03 dBi @ 2.4GHz 3.63 dBi @ 5GHz	2.27 dBi @ 2.4GHz 3.52 dBi @ 5GHz	PIFA	IPEX	735
		Aux	DC33002KL10 (N12-7567-R0A)	2.74 dBi @ 2.4GHz 3.19 dBi @ 5GHz	1.11 dB @ 2.4GHz 1.81 dB @ 5GHz			360
3945	High-Tek Electronics Co., Ltd	Main	DC33002KP00 (0ACCN020031 N)	1.91 dBi @ 2.4GHz 1.75 dBi @ 5GHz	2.33 dB @ 2.4GHz 3.97 dB @ 5GHz	PIFA	IPEX C87P132-00002-H	715
		Aux	DC33002KP10 (0ACCN020032 N)	2.28 dBi @ 2.4GHz 3.27 dBi @ 5GHz	0.45 dB @ 2.4GHz 0.76 dB @ 5GHz			139
396	Southstar	Main	DC33002KN00 (N12-7570-R0A)	2.80 dBi @ 2.4GHz 1.29 dBi @ 5GHz	1.07 dB @ 2.4GHz 1.63 dB @ 5GHz	PIFA	IPEX	345
		Aux	DC33002KN10 (N12-7571-R0A)	2.94 dBi @ 2.4GHz 0.81 dBi @ 5GHz	2.26 dB @ 2.4GHz 3.45 dB @ 5GHz			730
397	High-Tek Electronics Co., Ltd	Main	DC33002KQ00 (0ACCN020033 N)	2.81 dBi @ 2.4GHz 3.05 dBi @ 5GHz	1.29 dB @ 2.4GHz 1.94 dB @ 5GHz	PIFA	IPEX C87P132-00002-H	345
		Aux	DC33002KQ10 (0ACCN020034 N)	3.09 dBi @ 2.4GHz 1.38 dBi @ 5GHz	2.73 dB @ 2.4GHz 3.99 dB @ 5GHz			730
398	High-Tek Electronics Co., Ltd	Main	DC33002FV00 (0ACCN019013 N)	-2.65 dBi @ 2.4GHz 1.69 dBi @ 5GHz	0.50 dB @ 2.4GHz 0.85 dB @ 5GHz	PIFA	IPEX C87P132-00002-H	152
		Aux	DC33002FV10 (0ACCN019014 N)	0.95 dBi @ 2.4GHz 2.65 dBi @ 5GHz	0.59 dB @ 2.4GHz 0.95 dB @ 5GHz			223

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
399	Yageo	Main	ANTA0AC13921 WLAN1 (DC33002FU00)	-1.07 dBi @ 2.4GHz 1.23dBi @ 5GHz	0.49 dB @ 2.4GHz 0.8 dB @ 5GHz	PIFA	IPEX	152
		Aux	ANTA0AC13921 WLAN2 (DC33002FU10)	2.04 dBi @ 2.4GHz 1.3 dBi @ 5GHz	0.72 dB @ 2.4GHz 1.16 dB @ 5GHz			223
400	Hong-BO Co., Ltd.	Main	260-24394 (DC33002N80L)	2.8 dBi @ 2.4GHz 2.47 dBi @ 5GHz	-0.35 dB @ 2.4GHz -0.59 dB @ 5GHz	PIFA	i-pex	137
		Aux	260-24393 (DC33002N81L)	2.7 dBi @ 2.4GHz 2.81 dBi @ 5GHz	-0.97 dB @ 2.4GHz -1.71 dB @ 5GHz			437
401	WNC	Main	81EABJ15.G53 (DC33002MX0L)	2.49 dBi @ 2.4GHz 2.54 dBi @ 5GHz	0.44 dB @ 2.4GHz 0.69 dB @ 5GHz	PIFA	i-pex	137
		Aux	81EABJ15.G54 (DC33002MX1L)	2.68 dBi @ 2.4GHz 2.86 dBi @ 5GHz	1.07 dB @ 2.4GHz 1.65 dB @ 5GHz			437
402	Speed	Main	025.901XY.0011 (F-0G-FS-6121-002-00)	2.96 dBi @ 2.4GHz 4.01 dBi @ 5GHz	1.23 dB @ 2.4GHz 2.02 dB @ 5GHz	PIFA	IPEX	465
		Aux	025.901XY.0011 (F-0G-FS-6121-002-00)	2.92 dBi @ 2.4GHz 2.80 dBi @ 5GHz	1.87 dB @ 2.4GHz 2.96 dB @ 5GHz			718
403	Wistron Neweb Corporation	Main	025.901XY.0001 (81EABJ15.G43)	2.96 dBi @ 2.4GHz 4.01 dBi @ 5GHz	1.23 dB @ 2.4GHz 2.02 dB @ 5GHz	PIFA	ipex(MHF 4-L)	465
		Aux	025.901XY.0001 (81EABJ15.G43)	2.92 dBi @ 2.4GHz 2.47 dBi @ 5GHz	1.87 dB @ 2.4GHz 3.08 dB @ 5GHz			714
404	INPAQ Corporation	Main	DQ6WAPLEL08 (WA-P-LELE-05-002)	1.07dBi @ 2.4GHz 2.36dBi @ 5GHz	1.83dB @2.4G 3.06dB @5G	PIFA	I-PEX(MHF-4L)	543
		Aux	DQ6WAPLEL08 (WA-P-LELE-05-002)	1.47dBi @ 2.4GHz 2.13dBi @ 5GHz	2.28dB @2.4G 3.51dB @5G			816
405	WNC	Main	DQ6D15GAB00 (81EABD15.GA B)	2.83dBi @ 2.4GHz 1.37dBi @ 5GHz	1.73dB @2.4G 2.76dB @5G	PIFA	I-PEX 20565-001R-13	543
		Aux	DQ6D15GAB00 (81EABD15.GA B)	2.97dBi @ 2.4GHz 2.02dBi @ 5GHz	2.04dB @2.4G 3.10dB @5G			816
406	Wistron Neweb Corporation	Main	025.901XX.0001 (81EABJ15.G39)	2.84dBi @ 2.4GHz 3.03dBi @ 5GHz	0.94dB @2.4G 1.4dB @5G	PIFA	I-PEX	475
		Aux	025.901XX.0001 (81EABJ15.G39)	3.12dBi @ 2.4GHz 3.01dBi @ 5GHz	0.52dB @2.4G 0.77dB @5G			690
407	SPEED	Main	025.901XX.0011 (F-0G-FS-6119-002)	2.84dBi @ 2.4GHz 3.03dBi @ 5GHz	0.94dB @2.4G 1.4dB @5G	PIFA	I-PEX	469
		Aux	025.901XX.0011 (F-0G-FS-6119-002)	3.12dBi @ 2.4GHz 3.01dBi @ 5GHz	0.52dB @2.4G 0.77dB @5G			694

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
408	Auden Techno Corp.	Main	025.901YA.0001 (A22447-00)	-0.2dBi @ 2.4GHz 0.52dBi @ 5GHz	0.67dB @ 2.4G 1.15dB @ 5G	PIFA	IPEX 20565-001R-13	313
		Aux	025.901YA.0001 (A22447-00)	0.17dBi @ 2.4GHz 0.45dBi @ 5GHz	1.16dB @ 2.4G 1.88dB @ 5G			546
409	Hong-BO Co., Ltd.	Main	025.901XA.0001 (330-29001)	0.32dBi @ 2.4GHz 2.36dBi @ 5GHz	-0.69dB @ 2.4GHz -1.2dB @ 5GHz	PIFA	IPEX	313
		Aux	025.901XA.0001 (330-29001)	0.52dBi @ 2.4GHz 2.18dBi @ 5GHz	-1.21dB @ 2.4GHz -2.14dB @ 5GHz			546
410	SPEED	Main	025.901XF.0001 (F-0G-FS-6117-001-00)	0.59dBi @ 2.4GHz 2.35dBi @ 5GHz	0.92dB @ 2.4GHz 1.43dB @ 5GHz	PIFA	IPEX	313
		Aux	025.901XF.0001 (F-0G-FS-6117-001-00)	0.50dBi @ 2.4GHz 1.91dBi @ 5GHz	1.60dB @ 2.4GHz 2.53dB @ 5GHz			546
411	Wistron Neweb Corporation	Main	025.901XC.0001 (81EABG15.G38)	-0.51dBi @ 2.4GHz 2.08dBi @ 5GHz	0.78dB @ 2.4GHz 1.15dB @ 5GHz	PIFA	IPEX	313
		Aux	025.901XC.0001 (81EABG15.G38)	0.27dBi @ 2.4GHz -0.69dBi @ 5GHz	1.37dB @ 2.4GHz 1.97dB @ 5GHz			546
412	Auden Techno Corp.	Main	025.901YB.0001 (A22448-30)	0.22dBi @ 2.4GHz 2.4dBi @ 5GHz	0.71dB @ 2.4GHz 1.15dB @ 5GHz	PIFA	IPEX 20565-001R-13	322
		Aux	025.901YB.0001 (A22448-30)	-1.55dBi @ 2.4GHz 0.17dBi @ 5GHz	1.22dB @ 2.4GHz 1.99dB @ 5GHz			555
413	Hong Bo Co., Ltd..	Main	025.901X9.0001 (260-29083)	1.82dBi @ 2.4GHz 3.32dBi @ 5GHz	-0.71dB @ 2.4GHz -1.15dB @ 5GHz	PIFA	IPEX	322
		Aux	025.901X9.0001 (260-29083)	0.58dBi @ 2.4GHz 1.97dBi @ 5GHz	-1.23dB @ 2.4GHz -1.99dB @ 5GHz			555
414	SPEED	Main	025.901XG.0001 (F-0G-FS-6117-002-00)	0.6dBi @ 2.4GHz 2.66dBi @ 5GHz	0.94dB @ 2.4GHz 1.41dB @ 5GHz	PIFA	IPEX	322
		Aux	025.901XG.0001 (F-0G-FS-6117-002-00)	1.34dBi @ 2.4GHz 3.53dBi @ 5GHz	1.62dB @ 2.4GHz 2.53dB @ 5GHz			555
415	Wistron Neweb Corporation	Main	025.901XZ.0001 (81EABJ15.G20)	0.23dBi @ 2.4GHz 1.83dBi @ 5GHz	0.80dB @ 2.4GHz 1.14dB @ 5GHz	PIFA	IPEX	322
		Aux	025.901XZ.0001 (81EABJ15.G20)	-0.11dBi @ 2.4GHz -0.56dBi @ 5GHz	1.40dB @ 2.4GHz 2.08dB @ 5GHz			555
416	AWAN	Main	AYF6Y-100192 (DC33002OB00)	1.98dBi @ 2.4GHz 1.96dBi @ 5GHz	0.47 dB @ 2.4G 0.70dB @ 5G	PIFA	IPEX	152
		Aux	AYF6Y-100193 (DC33002OB10)	1.57dBi @ 2.4GHz -0.30dBi @ 5GHz	1.10 dB @ 2.4G 1.71dB @ 5G			350

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
417	Shenzhen South Star Technology Ltd	Main	N12-7967-R0A (DC33002OC00)	1.96dBi @ 2.4GHz 2.98dBi @ 5GHz	0.42 dB @2.4G 0.63dB @5G	PIFA	IPEX	152
		Aux	N12-7968-R0A (DC33002OC10)	1.49dBi @ 2.4GHz 2.97dBi @ 5GHz	0.97 dB @2.4G 1.51dB @5G			350
418	AWAN	Main	AYP6Y-100063	1.28 dBi @ 2.4GHz -0.63 dBi @ 5GHz	3.04 dB @2.4G 4.88 dB @5G	PIFA	IPEX	920
		Aux	AYP6Y-100063	-0.61 dBi @ 2.4GHz 0.88 dBi @ 5GHz	3.04 dB @2.4G 4.88 dB @5G			920
419	YAGEO	Main	ANTA0AA13761 WLAN1	-2.32 dBi @ 2.4GHz -4.74 dBi @ 5GHz	2.9 dB @2.4G 4.5 dB @5G	PIFA	I-PEX	850
		Aux	ANTA0AA13761 WLAN1	-2.35 dBi @ 2.4GHz -3.36 dBi @ 5GHz	2.9 dB @2.4G 4.5 dB @5G			850
420	AWAN	Main	AYP6Y-100062	0.28 dBi @ 2.4GHz 0.36 dBi @ 5GHz	1.88 dB @2.4G 2.91 dB @5G	PIFA	IPEX	550
		Aux	AYP6Y-100062	0.61 dBi @ 2.4GHz 0.44 dBi @ 5GHz	1.88 dB @2.4G 2.91 dB @5G			550
421	INPAQ	Main	WA-M-LB-01-075	1.59dBi @ 2.4GHz 4.07dBi @ 5GHz	1.64dB @2.4G 2.88dB @5G	PIFA	I-PEX MHF4-L	590
		Aux	WA-M-LB-01-125	1.59dBi @ 2.4GHz 3.5dBi @ 5GHz	1.64dB @2.4G 2.88dB @5G			590
422	INPAQ	Main	DAM-I6-H-DB-800-10-17	1.29dBi @ 2.4GHz 1.94dBi @ 5GHz	2dB @2.4G 4.0dB @5G	DIPOLE	RP-SMA (RF Cable:IPEX (20565-001R-13))	900 (RF Cable:212)
		Aux	DAM-I6-H-DB-800-10-17	1.29dBi @ 2.4GHz 1.94dBi @ 5GHz	2dB @2.4G 4.0dB @5G		RP-SMA (RF Cable:IPEX (20565-001R-13))	900 (RF Cable:212)
423	WNC	Main	025.901VS.0001 (81EABJ15.G04)	3.17 dBi @ 2.4GHz 3.05 dBi @ 5GHz	1.39 dB @2.4G 2.34 dB @5G	PIFA	RP-SMA (RF Cable:IPEX)	900 (RF Cable:210)
		Aux	025.901VS.0001 (81EABJ15.G04)	3.16 dBi @ 2.4GHz 3.07 dBi @ 5GHz	1.39 dB @2.4G 2.34 dB @5G			900 (RF Cable:210)
424	SPEED	Main	025.901W3.0001 (F-0G-FS-6116-004-00)	1.52 dBi @ 2.4GHz 2.99 dBi @ 5GHz	1.39 db @2.4G 2.34 dB @5G	PIFA	RP-SMA (RF Cable:IPEX)	900 (RF Cable:210)
		Aux	025.901W3.0001 (F-0G-FS-6116-004-00)	3.04 dBi @ 2.4GHz 1.65 dBi @ 5GHz	1.39 db @2.4G 2.34 dB @5G			900 (RF Cable:210)

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
425	HongBo	Main	025.901VM.0001 (260-33059)	2.09 dBi @ 2.4GHz 3.07dBi @ 5GHz	0.18 db @2.4G 0.26 dB @5G	PIFA	I-PEX (20632-001R-37)	75
		Aux	025.901VJ.0001 (330-33000)	0.64 dBi @ 2.4GHz 3.48 dBi @ 5GHz	0.52 db @2.4G 0.80 dB @5G		I-PEX (20565-001R-13)	176
426	SPEED	Main	025.901W5.0001 (F-0G-FS-6116-002-00)	3.01 dBi @ 2.4GHz 2.93 dBi @ 5GHz	0.20 db @2.4G 0.30 dB @5G	PIFA	I-PEX (20632-001R-37)	75
		Aux	025.901W4.0001 (F-0G-FS-6116-001-00)	3.23 dBi @ 2.4GHz 3.59 dBi @ 5GHz	0.52 db @2.4G 0.81 dB @5G		I-PEX (20565-001R-13)	176
427	HongBo	Main	025.901WA.0001 (260-29084)	2.96 dBi @ 2.4GHz 3.28 dBi @ 5GHz	1.39 db @2.4G 2.34 dB @5G	PIFA	RP-SMA (RF Cable:IPEX)	900 (RF Cable:210)
		Aux	025.901WA.0001 (260-29084)	2.86 dBi @ 2.4GHz 3.53 dBi @ 5GHz	1.39 db @2.4G 2.34 dB @5G			900 (RF Cable:210)
428	WNC	Main	025.901VT.0001 (81EABJ15.G05)	3.17 dBi @ 2.4GHz 3.05 dBi @ 5GHz	1.39 db @2.4G 2.34 dB @5G	PIFA	RP-SMA (RF Cable:IPEX)	900 (RF Cable:210)
		Aux	025.901VT.0001 (81EABJ15.G05)	3.16 dBi @ 2.4GHz 3.07 dBi @ 5GHz	1.39 db @2.4G 2.34 dB @5G			900 (RF Cable:210)
429	HongBo	Main	025.901VK.0001 (260-33060)	2.55 dBi @ 2.4GHz 3.05 dBi @ 5GHz	0.62 db @2.4G 0.92 dB @5G	PIFA	I-PEX (20565-001R-13)	210
		Aux	025.901VJ.0001 (330-33000)	0.92 dBi @ 2.4GHz 3.29 dBi @ 5GHz	0.52 db @2.4G 0.80 dB @5G			176
430	SPEED	Main	025.901W7.0001 (F-0G-FS-6115-002-00)	3.12 dBi @ 2.4GHz 2.86 dBi @ 5GHz	0.65 db @2.4G 1.00 dB @5G	PIFA	I-PEX (20565-001R-13)	210
		Aux	025.901W4.0001 (F-0G-FS-6116-001-00)	-0.21 dBi @ 2.4GHz 3.37 dBi @ 5GHz	0.52 db @2.4G 0.81 dB @5G			176
431	Hong Bo Co., Ltd..	Main	260-24390 (DC33002N50L)	0.63dBi@ 2.4GHz 2.71dBi@ 5GHz	-0.75 dB @2.4G -1.21 dB @5G	PIFA	I-PEX(MHF)	232
		Aux	260-24391 (DC33002N51L)	1.55dBi@ 2.4GHz 2.48dBi@ 5GHz	-0.98 dB @2.4G -1.61 dB @5G			384
432	AWAN	Main	AYP6Y-100256 (DC33002N10L)	2.53dBi@ 2.4GHz 2.94dBi@ 5GHz	0.86 dB @2.4G 1.36 dB @5G	PIFA	i-pex(MHF)	232
		Aux	AYP6Y-100257 (DC33002N11L)	1.56dBi@ 2.4GHz 2.38dBi@ 5GHz	1.19 dB @2.4G 1.84 dB @5G			384
433	Hong Bo Co., Ltd..	Main	260-24392 (DC33002N52L)	1.32dBi@ 2.4GHz 1.23dBi@ 5GHz	-1.68 dB @2.4G -2.67 dB @5G	PIFA	I-PEX(MHF)	521.5
		Aux	260-24392 (DC33002N52L)	1.22dBi@ 2.4GHz 2.91dBi@ 5GHz	-1.82 dB @2.4G -2.81 dB @5G			717

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
434	AWAN	Main	AYP6Y-200044 (DC33002N12L)	1.04dBi@ 2.4GHz 2.78dBi@ 5GHz	1.81 dB @2.4G 2.88 dB @5G	PIFA	i-pex(MHF)	492
		Aux	AYP6Y-200044 (DC33002N12L)	0.37dBi@ 2.4GHz 1.19dBi@ 5GHz	2.22 dB @2.4G 3.44 dB @5G			717
435	Hong Bo Co., Ltd..	Main	260-24388 (DC33002N20L)	2.983dBi@ 2.4GHz 2.925dBi@ 5GHz	0.632 dB @2.4G 1.134 dB @5G	PIFA	I-PEX(MHF)	288
		Aux	260-24389 (DC33002N21L)	2.489dBi@ 2.4GHz 2.492dBi@ 5GHz	0.985 dB @2.4G 1.637 dB @5G			390
436	AWAN	Main	AYP6Y-100258 (DC33002N00L)	1.59dBi@ 2.4GHz 2.95dBi@ 5GHz	1.06 dB @2.4G 1.63 dB @5G	PIFA	i-pex(MHF)	288
		Aux	AYP6Y-100259 (DC33002N01L)	0.48dBi@ 2.4GHz 2.84dBi@ 5GHz	1.21 dB @2.4G 1.87 dB @5G			390
437	SPEEDWIRE	Main	F-0G-FH-6134-003-00 (DC33002KH2L)	0.10dBi@ 2.4GHz 2.55dBi@ 5GHz	1.95 dB @2.4G 3.25 dB @5G	PIFA	I-PEX	547
		Aux	F-0G-FH-6134-002-00 (DC33002KH1L)	2.11dBi@ 2.4GHz 1.02dBi@ 5GHz	2.28 dB @2.4G 3.58 dB @5G			775
438	High-Tek Electronics Co., Ltd	Main	0ACCN021049N (DC020044T00)	-0.08dBi@ 2.4GHz 1.96dBi@ 5GHz	1.77dBi@ 2.4GHz 2.85dBi@ 5GHz	PIFA	I-PEX (C87P115-00002-H) I-PEX	547
	SPEED	Aux	F-0G-FH-6134-002-00 (DC33002KH1L)	2.11dBi@ 2.4GHz 1.02dBi@ 5GHz	2.28dBi@ 2.4GHz 3.58dBi@ 5GHz	PIFA		775
439	High-Tek Electronics Co., Ltd	Main	0ACCN021049N (DC020044T00)	-0.08dBi@ 2.4GHz 1.96dBi@ 5GHz	1.77dBi@ 2.4GHz 2.85dBi@ 5GHz	PIFA	I-PEX(MHF)	547
	Hong Bo Co., Ltd..	Aux	260-24374 (DC33002KG1L)	1.27dBi@ 2.4GHz -1.29dBi@ 5GHz	2.23dBi@ 2.4GHz 3.8dBi@ 5GHz	PIFA		775
440	High-Tek Electronics Co., Ltd	Main	0ACCN021049N (DC020044T00)	-0.08dBi@ 2.4GHz 1.96dBi@ 5GHz	1.77dBi@ 2.4GHz 2.85dBi@ 5GHz	PIFA	I-PEX	547
	AWAN	Aux	AYP6Y-100192 (DC33002KF1L)	-3.40dBi@ 2.4GHz -4.10dBi@ 5GHz	1.98dBi@ 2.4GHz 3.23dBi@ 5GHz	PIFA		775
441	Hong Bo Co., Ltd..	Main	260-24375 (DC33002KG2L)	-1.25dBi@ 2.4GHz 0.12dBi@ 5GHz	-1.59dBi@ 2.4GHz -2.77dBi@ 5GHz	PIFA	I-PEX	547
		Aux	260-24374 (DC33002KG1L)	1.27dBi@ 2.4GHz -1.29dBi@ 5GHz	-2.23dBi@ 2.4GHz -3.8dBi@ 5GHz			775
442	AWAN	Main	AYP6Y-100004 (DC33002KF2L)	0.53dBi@ 2.4GHz 1.44dBi@ 5GHz	1.84dBi@ 2.4GHz 2.91dBi@ 5GHz	PIFA	I-Pex	547
		Aux	AYP6Y-100192 (DC33002KF1L)	-3.40dBi@ 2.4GHz -4.10dBi@ 5GHz	1.98dBi@ 2.4GHz 3.31dBi@ 5GHz			775

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
443	WNC	Main	81EABS15.G19 (DC33002OD00)	2.35 dBi @ 2.4GHz 3.16 dBi @ 5GHz	1.30 dB @2.4G 1.95 dB @5G	PIFA	I-PEX	450
		Aux	81EABS15.G20 (DC33002OD10)	2.83 dBi @ 2.4GHz 2.06 dBi @ 5GHz	2.26 dB @2.4G 3.60 dB @5G			780
444	Intel Corporation	Main	81EABK15.G67 (DC33002M700)	-0.61 dBi @ 2.4GHz 2.09 dBi @ 5GHz	1.03 dB @2.4G 1.49 dB @5G	PIFA	I-PEX	727
		Aux	81EABK15.G68 (DC33002M710)	2.41 dBi @ 2.4GHz 0.98 dBi @ 5GHz	1.03 dB @2.4G 1.49 dB @5G			479
445	Hong Bo Co., Ltd..	Main	(NB Mode)260-29100	1.75dBi @ 2.4GHz 2.59dBi @ 5GHz	0.66dB @2.4G 1.02dB @5G	PIFA	I-PEX	224
		Aux	(NB Mode)260-29101	1.71dBi @ 2.4GHz 2.54dBi @ 5GHz	0.93dB @2.4G 1.39dB @5G			317
	Hong Bo Co., Ltd..	Main	(TB Mode)260-29100	-0.13dBi @ 2.4GHz 0.25dBi @ 5GHz	0.66dB @2.4G 1.02dB @5G	PIFA	I-PEX	224
		Aux	(TB Mode)260-29101	-1.51dBi @ 2.4GHz 1.08dBi @ 5GHz	0.93dB @2.4G 1.39dB @5G			317
446	Wistron Neweb Corporation	Main	(NB Mode)81EABJ15.G49	1.75dBi @ 2.4GHz 2.59dBi @ 5GHz	0.66dB @2.4G 1.04dB @5G	PIFA	I-PEX	224
		Aux	(NB Mode)81EABJ15.G50	1.71dBi @ 2.4GHz 2.54dBi @ 5GHz	0.93dB @2.4G 1.39dB @5G			317
	Wistron Neweb Corporation	Main	(TB Mode)81EABJ15.G49	-0.13dBi @ 2.4GHz 0.25dBi @ 5GHz	0.66dB @2.4G 1.02dB @5G	PIFA	I-PEX	224
		Aux	(TB Mode)81EABJ15.G50	-1.51dBi @ 2.4GHz 1.08dBi @ 5GHz	0.93dB @2.4G 1.39dB @5G			317
447	High-Tek Electronics Co., Ltd	Main	(NB Mode)025.901ZU.0001 (0ACAR021016N)	-0.69 dBi @ 2.4GHz -1.89 dBi @ 5GHz	0.95 dB @2.4G 1.46 dB @5G	PIFA	IPEX	315
		Aux	(NB Mode)025.901ZV.0001 (0ACAR021015N)	-0.84 dBi @ 2.4GHz -1.75 dBi @ 6GHz	0.95 dB @2.4G 1.46 dB @5G			315
	High-Tek Electronics Co., Ltd	Main	(TB Mode-1)025.901ZU.0001 (0ACAR021016N)	-0.33 dBi @ 2.4GHz -2.00 dBi @ 5GHz	0.95 dB @2.4G 1.36 dB @5G	PIFA	IPEX	315
		Aux	(TB Mode-1)025.901ZV.0001 (0ACAR021015N)	-1.49 dBi @ 2.4GHz -0.35 dBi @ 5GHz	0.95 dB @2.4G 1.46 dB @5G			315
	High-Tek Electronics Co., Ltd	Main	(TB Mode-2)025.901ZU.0001 (0ACAR021016N)	-1.79 dBi @ 2.4GHz -3.62 dBi @ 5GHz	0.95 dB @2.4G 1.36dB @5G	PIFA	IPEX	315
		Aux	(TB Mode-2)025.901ZV.0001 (0ACAR021015N)	-1.70 dBi @ 2.4GHz -0.97 dBi @ 5GHz	0.95 dB @2.4G 1.48 dB @5G			315

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
448	INPAQ	Main	(NB Mode)025.90205.0001 (WA-P-LE-02-059)	2.3 dBi @ 2.4GHz -0.20 dBi @ 5GHz	0.76 dB @2.4G 1.24 dB @5G	PIFA	I-PEX	315
		Aux	(NB Mode)025.90204.0001 (WA-P-LE-02-058)	1.16 dBi @ 2.4GHz 0.32 dBi @ 5GHz	0.76 dB @2.4G 1.17 dB @5G			315
	INPAQ	Main	(TB Mode-1)025.90205.0001 (WA-P-LE-02-059)	0.07 dBi @ 2.4GHz -0.25 dBi @ 5GHz	0.76 dB @2.4G 1.17 dB @5G	PIFA	I-PEX	315
		Aux	(TB Mode-1)025.90204.0001 (WA-P-LE-02-058)	0.64 dBi @ 2.4GHz 0.38 dBi @ 5GHz	0.76 dB @2.4G 1.17 dB @5G			315
	INPAQ	Main	(TB Mode-2)025.90205.0001 (WA-P-LE-02-059)	0.64 dBi @ 2.4GHz -0.01 dBi @ 5GHz	0.76 dB @2.4G 1.17 dB @5G	PIFA	I-PEX	315
		Aux	(TB Mode-2)025.90204.0001 (WA-P-LE-02-058)	0.11 dBi @ 2.4GHz -0.84 dBi @ 5GHz	0.76 dB @2.4G 1.17 dB @5G			315
449	LUXSHARE-ICT	Main	DC33001XJ00	2.87dBi @ 2.4GHz 4.28dBi @ 5GHz	0.80 dB @2.4G 1.24 dB @5G	PIFA	I-PEX	325
		Aux	DC33001XJ00	2.76dBi @ 2.4GHz 4.0dBi @ 5GHz	0.95 dB @2.4G 1.49 dB @5G			387
450	Shanghai Amphenol Airwave Councination Electronics Co.,Ltd	Main	DC33001XL00	2.81dBi @ 2.4GHz 3.20dBi @ 5GHz	0.90 dB @2.4G 1.2 dB @5G	PIFA	I-PEX	300
		Aux	DC33001XL00	1.68dBi @ 2.4GHz 3.85dBi @ 5GHz	1.1 dB @2.4G 1.5 dB @5G			360
451	Speed Wireless Technical Co., LTD.	Main	DC33001XG00	2.11dBi @ 2.4GHz 2.92dBi @ 5GHz	0.8 dB @2.4G 1.2 dB @5G	PIFA	I-PEX	325
		Aux	DC33001XG00	2.73dBi @ 2.4GHz 2.95dBi @ 5GHz	0.94 dB @2.4G 1.42 dB @5G			388
452	LUXSHARE-ICT	Main	DC33001XK00	1.77dBi @ 2.4GHz 4.25dBi @ 5GHz	0.95 dB @2.4G 1.48 dB @5G	PIFA	I-PEX	387.5
		Aux	DC33001XK00	2.62dBi @ 2.4GHz 3.92dBi @ 5GHz	1.10 dB @2.4G 1.72 dB @5G			450
453	Shanghai Amphenol Airwave Councination Electronics Co.,Ltd	Main	DC33001XM00	2.86dBi @ 2.4GHz 3.76dBi @ 5GHz	1.1 dB @2.4G 1.5 dB @5G	PIFA	I-PEX	348
		Aux	DC33001XM00	2.81dBi @ 2.4GHz 3.58dBi @ 5GHz	1.3 dB @2.4G 1.7 dB @5G			408
454	Speed Wireless Technical Co., LTD.	Main	DC33001XH00	1.62dBi @ 2.4GHz 2.95 dBi @ 5GHz	0.91 dB @2.4G 1.38 dB @5G	PIFA	I-PEX	375
		Aux	DC33001XH00	1.43 dBi @ 2.4GHz 2.72 dBi @ 5GHz	1.06 dB @2.4G 1.6 dB @5G			436.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
455	High-Tek Electronics Co., Ltd	Main	(NB Mode) 025.901ZU.0001 (0ACAR021016N)	-0.69 dBi @ 2.4GHz -0.89 dBi @ 5GHz	0.95 dB @2.4G 1.46 dB @5G	PIFA	IPEX	315
		Aux	(NB Mode) 025.901ZV.0001 (0ACAR021015N)	-0.84 dBi @ 2.4GHz -0.75 dBi @ 5GHz	0.95 dB @2.4G 1.46dB @5G			315
	High-Tek Electronics Co., Ltd	Main	(TB Mode-plastic housing) 025.901ZU.0001 (0ACAR021016N)	-0.33 dBi @ 2.4GHz -1.50 dBi @ 5GHz	0.95 dB @2.4G 1.36 dB @5G	PIFA	IPEX	315
		Aux	(TB Mode-plastic housing) 025.901ZV.0001 (0ACAR021015N)	-1.49 dBi @ 2.4GHz -0.35 dBi @ 5GHz	0.95 dB @2.4G 1.46dB @5G			315
	High-Tek Electronics Co., Ltd	Main	(TB Mode-Metal housing) 025.901ZU.0001 (0ACAR021016N)	-1.79 dBi @ 2.4GHz -1.62 dBi @ 5GHz	0.95 dB @2.4G 1.36 dB @5G	PIFA	IPEX	315
		Aux	(TB Mode-Metal housing) 025.901ZV.0001 (0ACAR021015N)	-1.70 dBi @ 2.4GHz -0.97 dBi @ 5GHz	0.95 dB @2.4G 1.48 dB @5G			315
456	INPAQ	Main	(NB Mode) 025.90205.0001 (WA-P-LE-02-059)	2.30 dBi @ 2.4GHz -0.2 dBi @ 5GHz	0.76 dB @2.4G 1.24 dB @5G	PIFA	I-PEX	315
		Aux	(NB Mode) 025.90204.0001 (WA-P-LE-02-058)	1.16 dBi @ 2.4GHz 0.32 dBi @ 5GHz	0.76 dB @2.4G 1.15 dB @5G			315
	INPAQ	Main	(TB Mode-plastic housing) 025.90205.0001 (WA-P-LE-02-059)	0.07 dBi @ 2.4GHz -0.25 dBi @ 5GHz	0.76 dB @2.4G 1.15 dB @5G	PIFA	I-PEX	315
		Aux	(TB Mode-plastic housing) 025.90204.0001 (WA-P-LE-02-058)	0.64 dBi @ 2.4GHz 0.38 dBi @ 5GHz	0.76 dB @2.4G 1.15 dB @5G			315
	INPAQ	Main	(TB Mode-Metal housing) 025.90205.0001 (WA-P-LE-02-059)	0.64 dBi @ 2.4GHz -0.01 dBi @ 5GHz	0.76 dB @2.4G 1.15 dB @5G	PIFA	I-PEX	315
		Aux	(TB Mode-Metal housing) 025.90204.0001 (WA-P-LE-02-058)	0.11 dBi @ 2.4GHz -0.84 dBi @ 5GHz	0.76 dB @2.4G 1.17 dB @5G			315
457	INPAQ Corporation	Main	DQ6WAPLEL08 (WA-P-LELE-05-002)	1.07dBi @ 2.4GHz 2.36dBi @ 5GHz	1.83dB @2.4G 3.06dB @5G	PIFA	I-PEX(MHF-4L)	543
		Aux	DQ6WAPLEL08 (WA-P-LELE-05-002)	1.47dBi @ 2.4GHz 2.13dBi @ 5GHz	2.28dB @2.4G 3.51dB @5G			816

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
458	WNC	Main	DQ6D15GAB00 (81EABD15.GAB)	2.83dBi @ 2.4GHz 1.37dBi @ 5GHz	1.73dB @2.4G 2.76dB @5G	PIFA	I-PEX (20565-001R-13)	543
		Aux	DQ6D15GAB00 (81EABD15.GAB)	2.97dBi @ 2.4GHz 2.02dBi @ 5GHz	2.04dB @2.4G 3.10dB @5G			816
459	AWAN	Main	DQ60AXP6Y17 (AXP6Y-200014)	0.91dBi @ 2.4GHz 1.88dBi @ 5GHz	2.11dB @2.4G 3.35dB @5G	PIFA	I-pex (20565-001R-13)	572.5
		Aux	DQ60AXP6Y17 (AXP6Y-200014)	0.28dBi @ 2.4GHz 1.69dBi @ 5GHz	2.59dB @2.4G 4.01dB @5G			836.5
460	AWAN	Main	DQ60AXP6Y18 (AXP6Y-200015)	0.95dBi @ 2.4GHz 1.30dBi @ 5GHz	2.11dB @2.4G 3.11dB @5G	PIFA	I-pex (20565-001R-13)	572.5
		Aux	DQ60AXP6Y18 (AXP6Y-200015)	0.65dBi @ 2.4GHz 1.63dBi @ 5GHz	2.59dB @2.4G 4.01dB @5G			836.5
461	High-Tek Electronics Co.,Ltd	Main	DQ60ACQD0B9 (0ACQD021065N)	-1.02dBi @ 2.4GHz 2.92dBi @ 5GHz	2.14dB @2.4G 3.32dB @5G	PIFA	IPEX	572.5
		Aux	DQ60ACQD0B9 (0ACQD021065N)	0.02dBi @ 2.4GHz 0.86dBi @ 5GHz	2.53dB @2.4G 3.6dB @5G			836.5
462	High-Tek Electronics Co.,Ltd	Main	DQ60ACQD0C0 (0ACQD021067N)	-0.25dBi @ 2.4GHz 2.96dBi @ 5GHz	2.14dB @2.4G 3.32dB @5G	PIFA	I-PEX	572.5
		Aux	DQ60ACQD0C0 (0ACQD021067N)	-0.27dBi @ 2.4GHz 1.33dBi @ 5GHz	2.53dB @2.4G 3.6dB @5G			836.5
463	INPAQ	Main	DQ6WAPLEL15 (WA-P-LELE-05-004)	1.42dBi @ 2.4GHz 2.83dBi @ 5GHz	2.13dB @2.4G 3.13dB @5G	PIFA	IPEX(MHF-4L)	572.5
		Aux	DQ6WAPLEL15 (WA-P-LELE-05-004)	0.65dBi @ 2.4GHz 2.08dBi @ 5GHz	2.36dB @2.4G 3.69dB @5G			836.5
464	INPAQ	Main	DQ6WAPLEL16 (WA-P-LELE-05-003)	1.31dBi @ 2.4GHz 2.82dBi @ 5GHz	2.13dB @2.4G 3.29dB @5G	PIFA	I-PEX(MHF-4L)	572.5
		Aux	DQ6WAPLEL16 (WA-P-LELE-05-003)	0.72dBi @ 2.4GHz 2.03dBi @ 5GHz	2.36dB @2.4G 3.53dB @5G			836.5
465	AWAN	Main	DQ60AXP6Y20 (AXP6Y-200017)	-0.28 dBi @ 2.4GHz 0.11dBi @ 5GHz	1.66dB @2.4G 2.79dB @5G	PIFA	I-pex (20565-001R-13)	541
		Aux	DQ60AXP6Y20 (AXP6Y-200017)	-0.72dBi @ 2.4GHz 1.21dBi @ 5GHz	1.96dB @2.4G 3.13dB @5G			775
466	AWAN	Main	DQ60AXP6Y19 (AXP6Y-200016)	-0.11dBi @ 2.4GHz 0.31dBi @ 5GHz	1.66dB @2.4G 2.79dB @5G	PIFA	I-pex (20565-001R-13)	541
		Aux	DQ60AXP6Y19 (AXP6Y-200016)	-0.26dBi @ 2.4GHz 0.32dBi @ 5GHz	1.96dB @2.4G 3.25dB @5G			775
467	High-Tek Electronics Co., Ltd	Main	DQ60ACQD0C2 (0ACQD021061N)	-0.34dBi @ 2.4GHz 1.66dBi @ 5GHz	2.03dB @2.4G 3.04dB @5G	PIFA	IPEX	541
		Aux	DQ60ACQD0C2 (0ACQD021061N)	-0.73dBi @ 2.4GHz 1.36dBi @ 5GHz	2.35dB @2.4G 3.58dB @5G			775

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
468	High-Tek Electronics Co., Ltd	Main	DQ60ACQD0C1 (0ACQD021059N)	-0.20dBi @ 2.4GHz 1.47dBi @ 5GHz	2.03dB @2.4G 3.14dB @5G	PIFA	IPEX	541
		Aux	DQ60ACQD0C1 (0ACQD021059N)	-1.30dBi @ 2.4GHz 0.61dBi @ 5GHz	2.35dB @2.4G 3.58dB @5G			775
469	INPAQ	Main	DQ6WAPLEL18 (WA-P-LELE-02-012)	0.97dBi @ 2.4GHz 1.87dBi @ 5GHz	1.99dBi @2.4G 3.09dBi @5G	PIFA	I-PEX(MHF-4L)	541
		Aux	DQ6WAPLEL18 (WA-P-LELE-02-012)	0.24dBi @ 2.4GHz 1.91dBi @ 5GHz	2.18dB @2.4G 3.40dB @5G			775
470	INPAQ	Main	DQ6WAPLEL17 (WA-P-LELE-02-011)	1.26dBi @ 2.4GHz 1.83dBi @ 5GHz	1.99dB @2.4G 3.09dB @5G	PIFA	IPEX(MHF-4L)	541
		Aux	DQ6WAPLEL17 (WA-P-LELE-02-011)	1.47dBi @ 2.4GHz 2.32dBi @ 5GHz	2.18dB @2.4G 3.40dB @5G			775
471	High-Tek Electronics Co., Ltd	Main	025.9020H.0001 (0ACAR021025N)	1.99dBi @ 2.4G 2.93dBi @5G	0.93dB @2.4G 1.54dB @5G	PIFA	IPEX	380
		Aux	025.9020I.0001 (0ACAR021026N)	2.66dBi @2.4G 2.38dBi @5G	1.44dB @2.4G 2.20dB @5G			590
472	INPAQ	Main	025.9020J.0001 (WA-P-LE-02-060)	2.26dBi @2.4G 1.66dBi @5G	1.05dB @2.4G 1.57dB @5G	PIFA	I-PEX (MHF-4L)	380
		Aux	025.9020K.0001 (WA-P-LE-02-061)	1.73dBi @2.4G 1.52dBi @5G	1.42dB @2.4G 2.27dB @5G			590
473	High-Tek Electronics Co., Ltd	Main	DC330020M20 (0ACCN021053N)	2.87dBi @ 2.4GHZ 2.84 dBi @ 5GHZ	0.64 dB @2.4G 1.10dB @5G	PIFA	I-pex 4	232
		Aux	DC330020M30 (0ACCN021054N)	2.74dBi @ 2.4GHZ 2.88 dBi @ 5GHZ	0.87 dB @2.4G 1.36 dB@5G			315
474	Pulse	Main	DC330020P00 (TZ2204D)	2.82dBi @ 2.4GHZ 2.81 dBi @ 5GHZ	0.77 dB @2.4G 1.21 dB@5G	PIFA	I-PEX	232
		Aux	DC330020P10 (TZ2204E)	2.57dBi @ 2.4GHZ 2.75 dBi @ 5GHZ	1.04 dB @2.4G 1.56 dB @5G			315
475	High-Tek Electronics Co., Ltd	Main	DC330020M00 (0ACCN021051N)	2.71dBi @ 2.4 GHZ 2.77dBi @ 5GHZ	0.64 dB @2.4G 1.08 dB @5G	PIFA	I-pex 4	232
		Aux	DC330020M10 (0ACCN021052N)	2.66dBi @ 2.4 GHZ 2.74dBi @ 5GHZ	0.87 dB @2.4G 1.46 dB @5G			315
476	Pulse	Main	DC330020O00 (TZ2203D)	1.85dBi @ 2.4 GHZ 2.77dBi @ 5GHZ	0.77 dB @2.4G 1.20dB @5G	PIFA	I-PEX	232
		Aux	DC330020O10 (TZ2203E)	0.28dBi @ 2.4 GHZ 2.02dBi @ 5GHZ	1.04 dB @2.4G 1.56 dB @5G			315
477	Pulse	Main	DC330020F00 (TZ2106D)	0.95dBi @ 2.4 GHZ 1.93dBi @ 5GHZ	1.93 dB @2.4G 2.69 dB @5G	PIFA	I-PEX	640
		Aux	DC330020F10 (TZ2106E)	1.64dBi @ 2.4 GHZ -0.32dBi @ 5GHZ	2.50 dB @2.4G 3.51 dB @5G			830

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
478	High-Tek Electronics Co., Ltd	Main	DC33002OE00 (0ACCN021031N)	1.98dBi @ 2.4 GHZ 2.05dBi @ 5GHZ	1.94 dB @2.4G 2.96 dB @5G	PIFA	I-PEX	640
		Aux	DC33002OE10 (0ACCN021032N)	1.95dBi @ 2.4 GHZ 1.16dBi @ 5GHZ	2.51 dB @2.4G 3.58 dB @5G			830
479	INPAQ TECHNOLOGY CO., LTD.	Main	WA-F-LE-02-007 (14008-04710100)	1.05dBi @ 2.4GHz 3.58dBi @ 5GHz	0.27 dB @2.4G 0.56dB @5G	PIFA	I-PEX (MHF4-L)	96
		Aux	WA-F-LE-01-001 (14008-04710000)	0.4dBi @ 2.4GHz 3.55dBi @ 5GHz	0.82 dB @2.4G 1.53dB @5G			296
480	INPAQ TECHNOLOGY CO., LTD.	Main	WA-P-LB-02-937 (14008-05100100)	-1.23dBi @ 2.4GHz 2.75dBi @ 5GHz	1.88dB @2.4G 3.00dB @5G	PIFA	I-PEX (MHF-4L)	510
		Aux	WA-P-LB-01-292	-4.11dBi @ 2.4GHz 2.83dBi @ 5GHz	0.74dB @2.4G 1.18dB @5G			200
481	AWAN	Main	AYP6Y-100314	-2.34dBi @ 2.4GHz -1.58dBi @ 5GHz	1.72dB @2.4G 2.72dB @5G	PIFA	I-PEX	510
		Aux	AYP6Y-100317	-6.30dBi @ 2.4GHz -1.86dBi @ 5GHz	0.67dB @2.4G 1.07dB @5G			200
482	LUXSHARE ICT	Main	LA9RF345-CS-H (14008-04210200)	-1.78dBi @ 2.4GHz 3.30dBi @ 5GHz	0.47 dB @2.4G 0.74 dB @5G	PIFA	IPEX-4	192
		Aux	LA9RF346-CS-H (14008-04210300)	-2.55dBi @ 2.4GHz 4.61dBi @ 5GHz	0.49 dB @2.4G 0.77dB @5G			200
483	AWAN	Main	(NB Mode) AML6Y-100117 (14008-04660200)	-0.49dBi @ 2.4GHz 4.23dBi @ 5GHz	0.40 dB @2.4G 0.63 dB @5G	PIFA	IPEX	160
		Aux	(NB Mode) AML6Y-100118 (14008-04660300)	0.74dBi @ 2.4GHz 3.78dBi @ 5GHz	0.73 dB @2.4G 1.11 dB @5G			318
		Main	(TB Mode) AML6Y-100117 (14008-04660200)	-1.09dBi @ 2.4GHz 3.07dBi @ 5GHz	0.40 dB @2.4G 0.63 dB @5G	PIFA	IPEX	160
		Aux	(TB Mode) AML6Y-100118 (14008-04660300)	-1.40 dBi @ 2.4GHz 1.87dBi @ 5GHz	0.73 dB @2.4G 1.11 dB @5G			318
484	INPAQ	Main	(NB Mode) MDA-LE-02-002 (14008-04660000)	1.59dBi @ 2.4GHz 4.77dBi @ 5GHz	0.44dB @2.4G 0.78 dB @5G	PIFA	I-PEX(MHF4-L)	160
		Aux	(NB Mode) MDA-LE-01-002 (14008-04660100)	2.01dBi @ 2.4GHz 4.89dBi @ 5GHz	0.89 dB @2.4G 1.56 dB @5G			319
		Main	(PAD Mode) MDA-LE-02-002 (14008-04660000)	-0.34dBi @ 2.4GHz 3.78dBi @ 5GHz	0.44dB @2.4G 0.78 dB @5G	PIFA	I-PEX(MHF4-L)	160
		Aux	(PAD Mode) MDA-LE-01-002 (14008-04660100)	-0.9dBi @ 2.4GHz 4.24dBi @ 5GHz	0.89 dB @2.4G 1.56 dB @5G			319
485	Hong-BO Co., Ltd.	Main	260-24387 (DC33002N70L)	1.38 dBi @ 2.4GHz 2.60 dBi @ 5GHz	-0.47 dB @2.4G -0.70 dB @5G	PIFA	i-pex	168
		Aux	260-24386 (DC33002N71L)	1.27 dBi @ 2.4GHz 2.63 dBi @ 5GHz	-1.09 dB @2.4G -1.62 dB @5G			465

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
486	WNC	Main	81EABJ15.G51 (DC33002MY0L)	1.59 dBi @ 2.4GHz 2.87 dBi @ 5GHz	0.52 dB @2.4G 0.8 dB @5G	PIFA	i-pex	168
		Aux	81EABJ15.G52 (DC33002MY1L)	-0.30 dBi @ 2.4GHz 2.73 dBi @ 5GHz	1.12dB @2.4G 1.76 dB @5G			465
487	Wistron Neweb Corporation	Main	81EABP15.G19 (DC33002NZ00)	2.27dBi @ 2.4GHz 2.91dBi @ 5GHz	0.58 dB @2.4G 0.86 dB @5G	PIFA	IPEX	187
		Aux	81EABP15.G20 (DC33002NZ10)	2.08dBi @ 2.4GHz 2.70dBi @ 5GHz	0.72 dB @2.4G 1.07 dB @5G			242
488	High-Tek Electronics Co., Ltd	Main	0ACCN021017N (DC33002NK00)	0.98 dBi @ 2.4GHz 0.95 dBi @ 5GHz	0.57 dB @2.4G 0.86 dB @5G	PIFA	I-PEX	187
		Aux	0ACCN021018N (DC33002NK10)	-0.15dBi @ 2.4GHz 2.72 dBi @ 5GHz	0.73 dB @2.4G 1.13 dB @5G			242
489	Wistron Neweb Corporation	Main	81EABP15.G21 (DC33002NQ00)	1.69 dBi @ 2.4GHz 2.25 dBi @ 5GHz	0.41 dB @2.4G 0.59 dB @5G	PIFA	IPEX	124.5
		Aux	81EABP15.G22 (DC33002NQ10)	1.88 dBi @ 2.4GHz 2.68 dBi @ 5GHz	0.55 dB @2.4G 0.81 dB @5G			179
490	High-Tek Electronics Co., Ltd	Main	0ACCN021019N (DC33002NM00)	0.95dBi @ 2.4GHz 0.15dBi @ 5GHz	0.38 dB @2.4G 0.53 dB @5G	PIFA	I-PEX	124
		Aux	0ACCN021020N (DC33002NM10)	0.24dBi @ 2.4GHz -0.34 dBi @ 5GHz	0.54 dB @2.4G 0.77 dB @5G			179
491	INPAQ	Main	(NB Mode) DC33002JZ00 (WA-P-LBLB-02-128)	2.77dBi @ 2.4GHz 2.75 dBi @ 5GHz	0.42dB @ 2.4GHz 0.62 dB @ 5GHz	PIFA	I-PEX (MHF-4L)	195
		Aux	(NB Mode) DC33002JZ00 (WA-P-LBLB-02-128)	2.68dBi @ 2.4GHz 2.77dBi @ 5GHz	0.58dB @ 2.4GHz 0.84dB @ 5GHz			132
		Main	(TB Mode) DC33002JZ00 (WA-P-LBLB-02-128)	-1.77dBi @ 2.4GHz -0.89dBi @ 5GHz	0.42dB @ 2.4GHz 0.62dB @ 5GHz	PIFA	I-PEX (MHF-4L)	195
		Aux	(TB Mode) DC33002JZ00 (WA-P-LBLB-02-128)	-1.74dBi @ 2.4GHz 1.60dBi @ 5GHz	0.58dB @ 2.4GHz 0.87dB @ 5GHz			132
492	High-Tek Electronics Co., Ltd	Main	(NB Mode) 219HCTN12198	1.03dBi @ 2.4GHz 2.95dBi @ 5GHz	1.31dB @2.4G 2.16dB @5G	PIFA	I-PEX	535
		Aux	(NB Mode) 219HCTN12197	2.37dBi @ 2.4GHz 2.94dBi @ 5GHz	1.05dB @2.4G 1.61dB @5G			430
		Main	(TB Mode) 219HCTN12198	1.84dBi @ 2.4GHz 2.86dBi @ 5GHz	1.31dB @2.4G 2.00dB @5G	PIFA	I-PEX	535
		Aux	(TB Mode) 219HCTN12197	0.80dBi @ 2.4GHz 2.68dBi @ 5GHz	1.05dB @2.4G 1.74dB @5G			430

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
493	Wistron Neweb Corporation	Main	(NB Mode) 48EABP01.SGCLOC	1.84dBi @ 2.4GHz 2.17dBi @ 5GHz	1.00dB @2.4G 1.50dB @5G	PIFA	IPEX	430
		Aux	(NB Mode) 48EABP02.SGCLOC	0.47dBi @ 2.4GHz 2.84dBi @ 5GHz	1.24dB @2.4G 1.95dB @5G			535
		Main	(TB Mode) 48EABP01.SGCLOC	-1.59dBi @ 2.4GHz 2.84dBi @ 5GHz	1.00dB @2.4G 1.56dB @5G	PIFA	IPEX	430
		Aux	(TB Mode) 48EABP02.SGCLOC	-0.54dBi @ 2.4GHz 1.11dBi @ 5GHz	1.24dB @2.4G 1.95dB @5G			535
494	High-Tek Electronics Co., Ltd	Main	(NB Mode) 219HCTN12195	-1.18dBi @ 2.4GHz -0.12dBi @ 5GHz	1.07dB @2.4G 1.52dB @5G	PIFA	I-PEX	353
		Aux	(NB Mode) 219HCTN12196	-1.3dBi @ 2.4GHz -0.41dBi @ 5GHz	1.36dB @2.4G 1.94dB @5G			450
		Main	(TB Mode) 219HCTN12195	-0.99dBi @ 2.4GHz 1.4dBi @ 5GHz	1.07dB @2.4G 1.63dB @5G	PIFA	I-PEX	353
		Aux	(TB Mode) 219HCTN12196	-0.36dBi @ 2.4GHz 2.42dBi @ 5GHz	1.36dB @2.4G 1.94dB @5G			450
495	Wistron Neweb Corporation	Main	(NB Mode) 48EABP07.SGBMLL	-0.15dBi @ 2.4GHz -0.15dBi @ 5GHz	0.98dB @2.4G 1.47dB @5G	PIFA	IPEX	353
		Aux	(NB Mode) 48EABP08.SGBMLL	-0.32dBi @ 2.4GHz -0.41dBi @ 5GHz	1.25dB @2.4G 1.95dB @5G			450
		Main	(TB Mode) 48EABP07.SGBMLL	-1.29dBi @ 2.4GHz 0.98dBi @ 5GHz	0.98dB @2.4G 1.53dB @5G	PIFA	I-PEX	353
		Aux	(TB Mode) 48EABP08.SGBMLL	-1.71dBi @ 2.4GHz -1.17dBi @ 5GHz	1.25dB @2.4G 1.95dB @5G			450
496	LUXSHARE-ICT	Main	DC33001XU00	2.55dBi @ 2.4GHz 3.80dBi @ 5GHz	0.37dB @2.4G 0.58dB @5G	PIFA	IPEX	151
		Aux	DC33001XU00	2.16dBi @ 2.4GHz 4.10dBi @ 5GHz	0.97dB @2.4G 1.50dB @5G			394
497	INPAQ	Main	DC33001XS00	2.85dBi @ 2.4GHz 2.90dBi @ 5GHz	0.88dB @2.4G 1.37dB @5G	PIFA	I-pex (20565-001R-13)	151
		Aux	DC33001XS00	2.98dBi @ 2.4GHz 2.60dBi @ 5GHz	1.41dB @2.4G 2.68dB @5G			394
498	Speed Wireless Technical Co., LTD.	Main	DC33001XT00	0.91dBi @ 2.4GHz 3.31dBi @ 5GHz	0.61dB @2.4G 0.96dB @5G	PIFA	I-PEX	151
		Aux	DC33001XT00	2.38dBi @ 2.4GHz 3.35dBi @ 5GHz	1.05dB @2.4G 1.65dB @5G			394
499	HongBo	Main	260-28185	3 dBi @ 2.4GHz 4.87 dBi @ 5GHz	1.25 dB @2.4G 2.1 dB @5G	PIFA	IPEX4	500
		Aux	260-28184	2.71dBi @ 2.4GHz 4.34 dBi @ 5GHz	0.8 dB @2.4G 1.3 dB @5G			320

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
500	Luxshare-ICT Corporation	Main	L01RF137-DT-H	2.13 dBi @ 2.4GHz 4.36 dBi @ 5GHz	1.23 dB @2.4G 1.92 dB @5G	PIFA	IPEX4	500
		Aux	L01RF136-DT-H	2.33dBi @ 2.4GHz 3.88 dBi @ 5GHz	0.78 dB @2.4G 1.22 dB @5G			320
501	INPAQ Corporation	Main	HQ20604753000 (WA-P-LELE-04-013)	2.41dBi @ 2.4GHz 2.83dBi @ 5GHz	0.78 dB @2.4G 1.22dB @5G	PIFA	I-PEX	281
		Aux	HQ20604753000 (WA-P-LELE-04-013)	2.51dBi @ 2.4GHz 2.69dBi @ 5GHz	1.21 dB @2.4G 1.81dB @5G			437
502	ZTX	Main	HQ20604754000 (2.00001569)	2.35dBi @ 2.4GHz 1.40dBi @ 5GHz	0.78 dB @2.4G 1.2dB @5G	PIFA	I-PEX	281
		Aux	HQ20604754000 (2.00001569)	2.47dBi @ 2.4GHz 1.10dBi @ 5GHz	1.21 dB @2.4G 1.89dB @5G			437
503	INPAQ Corporation	Main	HQ20604752000 (WA-P-LELE-04-014)	2.04dBi @ 2.4GHz 2.89dBi @ 5GHz	0.72 dB @2.4G 1.12dB @5G	PIFA	i-PEX	263
		Aux	HQ20604752000 (WA-P-LELE-04-014)	2.55dBi @ 2.4GHz 2.91dBi @ 5GHz	1.20 dB @2.4G 1.79dB @5G			435
504	ZTX	Main	HQ20604751000 (2.00001568)	2.89dBi @ 2.4GHz 2.99dBi @ 5GHz	0.72 dB @2.4G 1.12dB @5G	PIFA	I-PEX	263
		Aux	HQ20604751000 (2.00001568)	2.66dBi @ 2.4GHz 2.94dBi @ 5GHz	1.20 dB @2.4G 1.79dB @5G			435
505	ShenZhen ZhongTianXuhongTianXun Councination Technolgy Shares Co.,LTD	Main	2.00004826	0.58 dBi @ 2.4GHz 1.82 dBi @ 5GHz	0.92 dB @2.4G 1.49 dB @5G	PIFA	I-PEX	270
		Aux	2.00004826	-0.54 dBi@2.4GHz 0.44 dBi @ 5GHz	1.26 dB @2.4G 1.93 dB @5G			378
506	Shenzhen South Star Technology Co., LTD	Main	N12-7313-R0A	1.46 dBi @ 2.4GHz 2.41 dBi @ 5GHz	0.82 dB @2.4G 1.27 dB @5G	PIFA	I-PEX	270
		Aux	N12-7313-R0A	2.78 dBi @ 2.4GHz 3.46 dBi @ 5GHz	1.09 dB @2.4G 1.69 dB @5G			379
507	AWAN	Main	AYP6Y-200051 (1415-099300)	2.98 dBi @ 2.4GHz 4.07 dBi @ 5GHz	0.90 dB @2.4G 1.48 dB @5G	PIFA	I-pex (20565-001R-13)	359
		Aux	AYP6Y-200051 (1415-099300)	2.53 dBi @ 2.4GHz 4.10 dBi @ 5GHz	1.10 dB @2.4G 1.81 dB @5G			432
508	Pulse	Main	TZ22260 (1415-099J000)	1.12 dBi @ 2.4GHz 2.95 dBi @ 5GHz	1.08 dB @2.4G 1.51 dB @5G	PIFA	IPEX (20565-001R-13)	359
		Aux	TZ22260 (1415-099J000)	2.00 dBi @ 2.4GHz 2.41 dBi @ 5GHz	1.30 dB @2.4G 1.82 dB @5G			432
509	AWAN	Main	AYP6Y-100304 (1415-092C000)	2.93 dBi @ 2.4GHz 4.09 dBi @ 5GHz	0.61 dB @2.4G 1.00 dB @5G	PIFA	IPEX (20565-001R-13)	242
		Aux	AYP6Y-100305 (1415-092B000)	1.43 dBi @ 2.4GHz 1.96 dBi @ 5GHz	1.09 dB @2.4G 1.68 dB @5G			430

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
510	Pulse	Main	TZ20874 (1415-092U000)	1.96 dBi @ 2.4GHz 3.52 dBi @ 5GHz	0.73 dB @2.4G 1.02 dB @5G	PIFA	IPEX (20565-001R-13)	242
		Aux	TZ20875 (1415-092V000)	1.27 dBi @ 2.4GHz 1.12 dBi @ 5GHz	1.3 dB @2.4G 1.81 dB @5G			430
511	AWAN	Main	AYP6Y-200050 (1415-0992000)	2.98 dBi @ 2.4GHz 3.69 dBi @ 5GHz	0.72 dB @2.4G 1.19 dB @5G	PIFA	I-pex (20565-001R-13)	290
		Aux	AYP6Y-200050 (1415-0992000)	2.37 dBi @ 2.4GHz 3.26 dBi @ 5GHz	1.05 dB @2.4G 1.61 dB @5G			421
512	Pulse	Main	TZ22250 (1415-0991000)	2.64 dBi @ 2.4GHz 2.38 dBi @ 5GHz	0.87 dB @2.4G 1.23 dB @5G	PIFA	IPEX (20565-001R-13)	290
		Aux	TZ22250 (1415-0991000)	2.28 dBi @ 2.4GHz 1.44 dBi @ 5GHz	1.27 dB @2.4G 1.77dB @5G			421
513	AWAN	Main	AYP6Y-200048 (1415-091A000)	2.81 dBi @ 2.4GHz 3.44 dBi @ 5GHz	0.95 dB @2.4G 1.51 dB @5G	PIFA	I-pex (20565-001R-13)	380
		Aux	AYP6Y-200048 (1415-091A000)	2.63 dBi @ 2.4GHz 3.54 dBi @ 5GHz	1.17 dB @2.4G 1.93 dB @5G			470
514	Pulse	Main	TZ20765 (1415-0912000)	2.55 dBi @ 2.4GHz 2.94 dBi @ 5GHz	1.15 dB @2.4G 1.54 dB @5G	PIFA	IPEX (20565-001R-13)	380
		Aux	TZ20765 (1415-0912000)	1.41 dBi @ 2.4GHz 2.57 dBi @ 5GHz	1.42 dB @2.4G 1.99 dB @5G			470
515	Amphenol	Main	DC33001PX00 (TKC456-15-000-R)	2.33dBi @ 2.4GHz 3.57dBi @ 5GHz	0.71dB @2.4G 0.99dB @5G	PIFA	I-pex	265
		Aux	DC33001PX10 (TKC457-15-000-R)	1.67dBi @ 2.4GHz 3.46dBi @ 5GHz	1.01dB @2.4G 1.52dB @5G			347
516	LUXSHARE-ICT	Main	DC33001PV00	2.96dBi @ 2.4GHz 3.58dBi @ 5GHz	0.64 dB @2.4G 0.98dB @5G	PIFA	I-Pex	265
		Aux	DC33001PV10	2.41dBi @ 2.4GHz 3.57dBi @ 5GHz	0.84 dB @2.4G 1.33dB @5G			347
517	Speed Wireless Technical Co., LTD.	Main	DC33001PU00	2.88dBi @ 2.4GHz 2.65dBi @ 5GHz	0.78 dB @2.4G 1.16dB @5G	PIFA	I-Pex	265
		Aux	DC33001PU10	2.35dBi @ 2.4GHz 2.62dBi @ 5GHz	1.02 dB @2.4G 1.58dB @5G			347
518	Amphenol	Main	DC3300100 (TKB455-15-000-R)	2.86dBi @ 2.4GHz 3.98dBi @ 5GHz	0.79 dB @2.4G 1.06dB @5G	PIFA	I-Pex	265
		Aux	DC3300110 (TKB456-15-000-R)	1.28dBi @ 2.4GHz 3.56dBi @ 5GHz	1.03 dB @2.4G 1.38dB @5G			347
519	LUXSHARE-ICT	Main	DC33001ML00	2.65dBi @ 2.4GHz 3.85dBi @ 5GHz	0.64 dB @2.4G 1.00dB @5G	PIFA	I-Pex	265
		Aux	DC33001ML10	2.72dBi @ 2.4GHz 3.78dBi @ 5GHz	0.84 dB @2.4G 1.33dB @5G			347

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
520	Speed Wireless Technical Co., LTD.	Main	DC33001MK00	2.43dBi @ 2.4GHz 3.47dBi @ 5GHz	0.78 dB @2.4G 1.16dB @5G	PIFA	I-Pex	265
		Aux	DC33001MK10	2.42dBi @ 2.4GHz 1.35dBi @ 5GHz	1.01dB @2.4G 1.51dB @5G			345
521	Speed	Main	DC33001VQ00	1.36dBi @ 2.4GHz 2.26dBi @ 5GHz	1.56 dB @2.4G 2.33dB @5G	PIFA	IPEX(MHF)	532
		Aux	DC33001VQ10	3.01dBi @ 2.4GHz 1.84dBi @ 5GHz	2.16 dB @2.4G 3.35dB @5G			735
522	LUXSHARE-ICT	Main	DC33001VM00	1.94dBi @ 2.4GHz 1.28dBi @ 5GHz	1.33 dB @2.4G 2.07dB @5G	PIFA	IPEX(MHF)	532
		Aux	DC33001VM10	2.34dBi @ 2.4GHz 1.04dBi @ 5GHz	1.83 dB @2.4G 2.85dB @5G			735
523	INPAQ	Main	DC33001VZ00	1.77dBi @ 2.4GHz 0.74dBi @ 5GHz	1.81 @2.4G 3.0dB @5G	PIFA	IPEX(MHF)	532
		Aux	DC33001VZ10	1.06dBi @ 2.4GHz -0.15dBi @ 5GHz	1.8 dB @2.4G 3.0dB @5G			735
524	ChangShu HongBo Telecommunication Technology Co., Ltd	Main	DC33001X200	1.74dBi @ 2.4GHz 2.14dBi @ 5GHz	1.83 dB @2.4G 2.75dB @5G	PIFA	IPEX(MHF)	610
		Aux	DC33001X210	0.75dBi @ 2.4GHz 1.60dBi @ 5GHz	2.48 dB @2.4G 3.51dB @5G			825
525	LUXSHARE-ICT	Main	DC33001X100	1.48dBi @ 2.4GHz 2.23dBi @ 5GHz	1.50 dB @2.4G 2.33dB @5G	PIFA	IPEX(MHF)	610
		Aux	DC33001X110	1.02dBi @ 2.4GHz 1.28dBi @ 5GHz	1.50 dB @2.4G 2.33dB @5G			825
526	Speed	Main	DC33001X000	1.18dBi @ 2.4GHz 3.03dBi @ 5GHz	1.79dB @2.4G 2.67dB @5G	PIFA	IPEX(MHF)	610
		Aux	DC33001X010	2.46dBi @ 2.4GHz 0.96dBi @ 5GHz	2.42dB @2.4G 3.82dB @5G			825
527	Shanghai Amphenol Airwave Councination Electronics Co.,Ltd	Main	DC33001W000	1.7dBi @ 2.4GHz 3.0dBi @ 5GHz	0.5dB @ 2.4GHz 0.7dB @ 5GHz	PIFA	I-PEX	153
		Aux	DC33001W000	1.9dBi @ 2.4GHz 3.4dBi @ 5GHz	1.0dB @ 2.4GHz 1.6dB @ 5GHz			383
528	LUXSHARE-ICT	Main	DC33001XZ00	2.86dBi @ 2.4GHz 3.89dBi @ 5GHz	0.38dB @ 2.4GHz 0.59dB @ 5GHz	PIFA	I-PEX	153
		Aux	DC33001XZ00	2.38dBi @ 2.4GHz 3.48dBi @ 5GHz	0.94dB @ 2.4GHz 1.47dB @ 5GHz			383
529	Speed Wireless Technical Co., LTD.	Main	DC33001XY00	0.15dBi @ 2.4GHz 3.00dBi @ 5GHz	0.45dB @ 2.4GHz 0.70dB @ 5GHz	PIFA	I-PEX	153
		Aux	DC33001XY00	0.33dBi @ 2.4GHz 4.05dBi @ 5GHz	1.12dB @ 2.4GHz 1.77dB @ 5GHz			383

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
530	AWAN	Main	DC33001XQ00	1.95dBi @ 2.4GHz 1.92dBi @ 5GHz	0.21dB @ 2.4GHz 0.36dB @ 5GHz	PIFA	I-PEX	85
		Aux	DC33001XQ10	1.66dBi @ 2.4GHz 1.02dBi @ 5GHz	0.70dB @ 2.4GHz 1.19dB @ 5GHz			280
531	INPAQ	Main	DC33001XN00	1.95dBi @ 2.4GHz 1.92dBi @ 5GHz	0.21dB @ 2.4GHz 0.36dB @ 5GHz	PIFA	I-PEX	85
		Aux	DC33001XN10	1.66dBi @ 2.4GHz 1.02dBi @ 5GHz	0.70dB @ 2.4GHz 1.19dB @ 5GHz			280
532	AWAN	Main	DC33001XR00 (AYP6Y-100271)	2.93dBi @ 2.4GHz 2.34dBi @ 5GHz	0.47dB @ 2.4GHz 0.80dB @ 5GHz	PIFA	I-PEX	188.3
		Aux	DC33001XR10 (AYP6Y-100272)	-0.07dBi @ 2.4GHz 0.42dBi @ 5GHz	1.01dB @ 2.4GHz 1.73dB @ 5GHz			405.3
533	INPAQ	Main	DC33001XP00	2.93dBi @ 2.4GHz 2.34dBi @ 5GHz	0.47dB @ 2.4GHz 0.80dB @ 5GHz	PIFA	I-PEX	188.3
		Aux	DC33001XP10	-0.07dBi @ 2.4GHz 0.42dBi @ 5GHz	1.01dB @ 2.4GHz 1.73dB @ 5GHz			405.3
534	Wistron Neweb Corporation	Main	13-130-004147 (81EABK15.G69)	0.98dBi @ 2.4GHz 2.21dBi @ 5GHz	1.85 dB @2.4G 2.88dB @5G	PIFA	i-pex(MHF)	650
		Aux	13-130-004149 (81EABK15.G72)	-0.57dBi @ 2.4GHz 1.33dBi @ 5GHz	1.85 dB @2.4G 2.88dB @5G			650
535	AWAN	Main	AYP6Y-200046 (DC33002OJ00)	2.24dBi @ 2.4GHz 2.14dBi @ 5GHz	0.61dB @2.4G 1.03dB @5G	PIFA	I-pex (20565-001R-13)	245
		Aux	AYP6Y-200046 (DC33002OJ00)	2.73dBi @ 2.4GHz 2.31dBi @ 5GHz	0.78 dB @2.4G 1.31dB @5G			312
536	High-Tek Electronics Co., Ltd	Main	DC33002OI00 (OACCN021033N)	2.92 dBi @2.4G 2.91dBi @5G	0.68 dB @2.4G 0.80 dB @5G	PIFA	IPEX-4	245
		Aux	DC33002OI00 (OACCN021033N)	2.87 dBi @2.4G 2.95dBi @5G	0.86 dB @2.4G 1.46dB @5G			312
537	High-Tek Electronics Co., Ltd	Main	DC33002O100 (OACCN021025N)	2.23dBi @ 2.4GHz 2.91dBi @ 5GHz	0.71 dB @2.4G 1.08dB @5G	PIFA	IPEX-4	233
		Aux	DC33002O100 (OACCN021025N)	-0.02dBi @ 2.4GHz 2.98dBi @ 5GHz	0.96 dB @2.4G 1.47dB @5G			317
538	Shenzhen South Star Technology Ltd	Main	DC33002O000 (N12-7952-R0A)	1.66dBi @ 2.4GHz 2.68dBi @ 5GHz	0.65 dB @2.4G 0.96dB @5G	PIFA	IPEX-4	233
		Aux	DC33002O000 (N12-7952-R0A)	1.61dBi @ 2.4GHz 2.47dBi @ 5GHz	0.88 dB @2.4G 1.35dB @5G			317

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
539	High-Tek Electronics Co., Ltd	Main	(Metal) DC33002O300 (0ACCN021026N)	-1.50dBi @ 2.4GHz -1.40dBi @ 5GHz	0.83 dB @2.4G 1.28dB @5G	PIFA	IPEX-4	273
		Aux	(Metal) DC33002O310 (0ACCN021027N)	-0.62dBi @ 2.4GHz -0.81dBi @ 5GHz	1.1 dB @2.4G 1.7dB @5G			363
		Main	(Plastic) DC33002O300 (0ACCN021026N)	-1.00dBi @ 2.4GHz -1.19dBi @ 5GHz	0.83 dB @2.4G 1.18dB @5G	PIFA	IPEX-4	273
		Aux	(Plastic) DC33002O310 (0ACCN021027N)	-1.09dBi @ 2.4GHz -0.06dBi @ 5GHz	1.1 dB @2.4G 1.7dB @5G			363
540	Shenzhen South Star Technology Ltd	Main	DC33002O200 (N12-7953-R0A)	1.32dBi @ 2.4GHz 2.80dBi @ 5GHz	0.76 dB @2.4G 1.18dB @5G	PIFA	IPEX-4	273
		Aux	DC33002O210 (N12-7954-R0A)	0.92dBi @ 2.4GHz 2.42dBi @ 5GHz	1.01 dB @2.4G 1.50dB @5G			363
541	High-Tek Electronics Co., Ltd	Main	DC33002O500 (0ACCN021029N)	1.51dBi @ 2.4GHz 2.92dBi @ 5GHz	0.58 dB @2.4G 0.90dB @5G	PIFA	IPEX-4	192
		Aux	DC33002O510 (0ACCN021030N)	-0.32dBi @ 2.4GHz 2.90dBi @ 5GHz	1.08 dB @2.4G 1.65dB @5G			357
542	Shenzhen South Star Technology Ltd	Main	DC33002O400 (N12-7955-R0A)	1.86dBi @ 2.4GHz 2.98dBi @ 5GHz	0.53 dB @2.4G 0.79dB @5G	PIFA	IPEX-4	192
		Aux	DC33002O410 (N12-7956-R0A)	1.84dBi @ 2.4GHz 1.72dBi @ 5GHz	0.99 dB @2.4G 1.54dB @5G			357
543	AWAN	Main	025.90126.0001 (AYP6Y-100261)	2.80 dBi @ 2.4GHz 3.91 dBi @5GHz	0.35 dB @2.4G 0.54dB @5G	PIFA	I-pex (20565-001R-13)	113
		Aux	025.90125.0001 (AYP6Y-100260)	1.31 dBi @ 2.4GHz 4.02 dBi @5GHz	0.52 dB @2.4G 0.79 dB @5G			165
544	WNC	Main	025.90122.0001 (81EABR15.G22)	2.19 dBi @ 2.4GHz 2.35 dBi @5GHz	0.45 dB @2.4G 0.67 dB @5G	PIFA	i-pex	126
		Aux	025.90121.0001 (81EABR15.G21)	2.33 dBi @ 2.4GHz 2.51 dBi @5GHz	0.7 dB @2.4G 1.03 dB @5G			193
545	AWAN	Main	025.9020M.0001	2.74dBi @ 2.4GHz 2.63dBi @ 5GHz	0.33dB @2.4G 0.47dB @5G	PIFA	I-pex (20565-001R-13)	105
		Aux	025.9020N.0001	1.51dBi @ 2.4GHz 2.95dBi @ 5GHz	0.88dB @2.4G 1.31dB @5G			285
546	High-Tek Electronics Co., Ltd	Main	025.9020M.0011 (0ACAR021021N)	2.81dBi @ 2.4GHz 2.99dBi @ 5GHz	0.39dB @2.4G 0.61dB @5G	PIFA	I-PEX	105
		Aux	025.9020N.0011 (0ACAR021022N)	2.73dBi @ 2.4GHz 2.98dBi @ 5GHz	1.07dB @2.4G 1.65dB @5G			285
547	WNC	Main	025.9020M.0021	1.87dBi @ 2.4GHz 2.95dBi @ 5GHz	0.46dB @2.4G 0.70dB @5G	PIFA	IPEX-20565	105
		Aux	025.9020N.0021	2.24dBi @ 2.4GHz 2.96dBi @ 5GHz	1.10dB @2.4G 1.70dB @5G			285

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
548	AWAN	Main	025.9020O.0001	1.72dBi @ 2.4GHz 2.98dBi @ 5GHz	0.35dB @2.4G 0.52dB @5G	PIFA	I-pex (20565-001R-13)	100
		Aux	025.9020P.0001	1.51dBi @ 2.4GHz 2.90dBi @ 5GHz	1.05dB @2.4G 1.47dB @5G			300
549	High-Tek Electronics Co., Ltd	Main	025.9020O.0011 (0ACAR021023N)	-0.66dBi @ 2.4GHz 2.99dBi @ 5GHz	0.37dB @2.4G 0.56dB @5G	PIFA	I-PEX	100
		Aux	025.9020P.0011 (0ACAR021024N)	2.68dBi @ 2.4GHz 2.84dBi @ 5GHz	1.12dB @2.4G 1.74dB @5G			300
550	WNC	Main	025.9020O.0021	1.25dBi @ 2.4GHz 2.93dBi @ 5GHz	0.44dB @2.4G 0.68dB @5G	PIFA	IPEX-20565	100
		Aux	025.9020P.0021	1.97dBi @ 2.4GHz 2.65dBi @ 5GHz	1.15dB @2.4G 1.78dB @5G			300
551	AWAN	Main	(NB Mode) AYP6Y-100283 (1415-090V0A9)	1.39dBi @ 2.4GHz 0.30dBi @ 5GHz	1.02 dB @2.4G 1.68 dB @5G	PIFA	I-pex (20565-001R-13)	411
		Aux	(NB Mode) AYP6Y-100284 (1415-090W0A9)	0.55dBi @ 2.4GHz 1.42dBi @ 5GHz	1.48 dB @2.4G 2.45 dB @5G			598
		Main	(TB Mode) AYP6Y-100283 (1415-090V0A9)	2.05dBi @ 2.4GHz 0.57dBi @ 5GHz	1.02 dB @2.4G 1.68 dB @5G	PIFA		411
		Aux	(TB Mode) AYP6Y-100284 (1415-090W0A9)	2.56dBi @ 2.4GHz -0.49dBi @ 5GHz	1.48 dB @2.4G 2.45 dB @5G			598
552	AWAN	Main	(NB Mode) AYP6Y-100285 (1415-08YJ0A9)	2.31dBi @ 2.4GHz -0.59dBi @ 5GHz	1.07 dB @2.4G 1.64 dB @5G	PIFA	I-pex (20565-001R-13)	430
		Aux	(NB Mode) AYP6Y-100286 (1415-08YK0A9)	1.65dBi @ 2.4GHz -1.37dBi @ 5GHz	1.65 dB @2.4G 2.63 dB @5G			663
		Main	(TB Mode) AYP6Y-100285 (1415-08YJ0A9)	2.00dBi @ 2.4GHz 0.73dBi @ 5GHz	1.07 dB @2.4G 1.76 dB @5G	PIFA		430
		Aux	(TB Mode) AYP6Y-100286 (1415-08YK0A9)	2.76dBi @ 2.4GHz -0.67dBi @ 5GHz	1.65 dB @2.4G 2.53 dB @5G			663
553	WNC	Main	81EABS15.G42 (DC33002OS00)	2.82dBi @ 2.4GHz 2.76dBi @ 5GHz	1.49 dB @2.4G 2.33dB @5G	PIFA	I-PEX	538.5
		Aux	81EABS15.G43 (DC33002OS10)	2.86dBi @ 2.4GHz 2.23dBi @ 5GHz	2.53 dB @2.4G 3.94 dB @5G			912
554	WNC	Main	81EABS15.G40 (DC33002OK00)	2.54dBi @ 2.4GHz 2.93dBi @ 5GHz	1.15 dB @2.4G 1.80dB @5G	PIFA	IPEX 20565	416
		Aux	81EABS15.G41 (DC33002OK10)	2.53dBi @ 2.4GHz 2.96dBi @ 5GHz	1.99 dB @2.4G 2.97 dB @5G			718
555	WNC	Main	81EABS15.G54 (DC33002PG00)	2.48dBi @ 2.4GHz 1.41dBi @ 5GHz	1.57 dB @2.4G 2.28dB @5G	PIFA	IPEX 20565	611.5
		Aux	81EABS15.G55 (DC33002PG10)	1.21dBi @ 2.4GHz 0.17dBi @ 5GHz	2.06 dB @2.4G 2.95dB @5G			799.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
556	WNC	Main	81EABS15.G19 (DC330020D00)	2.35dBi @ 2.4GHz 3.16dBi @ 5GHz	1.30 dB @2.4G 2.05dB @5G	PIFA	I-PEX	450
		Aux	81EABS15.G20 (DC330020D10)	2.83dBi @ 2.4GHz 2.06dBi @ 5GHz	3.36 dB @2.4G 3.85 dB @5G			780
557	HuiChuang	Main	10.3306.00.001770	1.69dBi @ 2.4GHz 2.13dBi @ 5GHz	1.4dB @2.4G 2.0dB @5G	PIFA PIFA	i-pex(MHF)	250
		Aux	10.3306.00.001870	2.75dBi @ 2.4GHz 4.73dBi @ 5GHz	0.6dBi @ 2.4GHz 0.9dBi @ 5GHz			103
558	TAIWAN SPEED WIRELESS TECHNOLOGY CO., LTD.	Main	F-0G-48-6001-003-00	0.42dBi@2.4GHz 2.61dBi@5GHz	0.55dBi@2.4GHz 1.25dBi@5GHz	PIFA	I-PEX IV	220
		Aux	F-0G-48-6001-003-00	0.36dBi@2.4GHz 2.82dBi@5GHz	0.55dBi@2.4GHz 1.38dBi@5GHz			220
559	High-Tek Electronics Co., Ltd	Main	SA31F36397 (0ACAVC21006N)	2.78dBi@2.4GHz 2.93dBi@5GHz	0.67dBi@2.4GHz 1.03dBi@5GHz	PIFA	I-PEX	220
		Aux	SA31F36397 (0ACAVC21006N)	2.91dBi@2.4GHz 2.93dBi@5GHz	0.67dBi@2.4GHz 1.02dBi@5GHz			220
560	TAIWAN SPEED WIRELESS TECHNOLOGY CO., LTD.	Main	SA31H22141 (F-0G-48-6002-001-00)	1.2 dBi@2.4GHz 3.59 dBi@5GHz	0.45 dBi@2.4GHz 1.1 dBi@5GHz	PIFA	I-PEX	145
		Aux	SA31H22141 (F-0G-48-6002-001-00)	1.59 dBi@2.4GHz 2.75 dBi@5GHz	1 dBi@2.4GHz 1.3 dBi@5GHz			320
560	High-Tek Electronics Co., Ltd	Main	SA31H22142 (0ACAVC21012N)	2.58 dBi@2.4GHz 2.98 dBi@5GHz	0.54 dBi@2.4GHz 0.82 dBi@5GHz	PIFA	I-PEX	145
		Aux	SA31H22142 (0ACAVC21012N)	2.26 dBi@2.4GHz 2.90 dBi@5GHz	1.20 dBi@2.4GHz 1.80 dBi@5GHz			320

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
561	HONGBO	Main	260-28185	3.00 dBi @ 2.4GHz 4.87 dBi @ 5GHz	1.25 dB @2.4GHz 2.1 dB @5GHz	PIFA	I-PEX4	500
		Aux	260-28184	2.71dBi @ 2.4GHz 4.34 dBi @ 5GHz	0.8 dB @2.4GHz 1.3 dB @5GHz			320
562	Luxshae-ICT	Main	L01RF137-DT-H	2.13 dBi @ 2.4GHz 4.36 dBi @ 5GHz	1.23 dB @2.4GHz 1.92 dB @5GHz	PIFA	I-PEX4	500
		Aux	L01RF136-DT-H	2.33dBi @ 2.4GHz 3.88 dBi @ 5GHz	0.78 dB @2.4GHz 1.22 dB @5GHz			320
563	HONGBO	Main	260-28185	3.00 dBi @ 2.4GHz 4.87 dBi @ 5GHz	1.25 dB @2.4GHz 2.1 dB @5GHz	PIFA	I-PEX4	500
	Luxshae-ICT	Aux	L01RF136-DT-H	2.33dBi @ 2.4GHz 3.88 dBi @ 5GHz	0.78 dB @2.4GHz 1.22 dB @5GHz			320
564	Luxshae-ICT	Main	L01RF137-DT-H	2.13 dBi @ 2.4GHz 4.36 dBi @ 5GHz	1.23 dB @2.4GHz 1.92 dB @5GHz	PIFA	I-PEX4	500
	HONGBO	Aux	260-28184	2.71dBi @ 2.4GHz 4.34 dBi @ 5GHz	0.8 dB @2.4GHz 1.3 dB @5GHz			320
565	WGT	Main	13-130PXE2051	1.23dBi @ 2.4GHz 1.92dBi @ 5GHz	1.31 dB @2.4GHz 2.25dB @5GHz	PIFA	I-PEX (MHF4L)	485.5
		Aux	13-130PXE2050	2.32dBi @ 2.4GHz 2.57dBi @ 5GHz	1.6 dB @2.4GHz 2.76dB @5GHz			595.5
566	JEM	Main	13-130PXX5071	2.62dBi @ 2.4GHz 3.82dBi @ 5GHz	1.56dB @2.4GHz 2.63dB @5GHz	PIFA	I-PEX	460
		Aux	13-130PXX5070	2.77dBi @ 2.4GHz 4.51dBi @ 5GHz	1.97dB @2.4GHz 3.15dB @5GHz			570
567	High-Tek	Main	DC33002OY00 (OACCN021043N)	0.99dBi @ 2.4 GHZ 1.89dBi @ 5GHz	2.01 dB @2.4GHz 2.87 dB @5GHz	PIFA	I-PEX	665
		Aux	DC33002OY10 (OACCN021044N)	1.91dBi @ 2.4 GHZ 2.25dBi @ 5GHz	2.53 dB @2.4GHz 3.91 dB @5GHz			835
568	Pulse	Main	DC33002P300 (TZ2163D)	0.56dBi @ 2.4 GHZ 0.79dBi @ 5GHz	2 dB @2.4GHz 2.81 dB @5GHz	PIFA	IPEX 20565-001R-13	665
		Aux	DC33002P310 (TZ2163E)	1.27dBi @ 2.4 GHZ 1.07dBi @ 5GHz	2.52 dB @2.4GHz 3.51 dB @5GHz			835

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
569	HB	Main	260-29065	-0.12dBi @ 2.4GHz -2.17dBi @ 5GHz	0.94 dB @2.4GHz 1.40 dB @5GHz	PIFA	I-PEX	320
		Aux	260-29065	-1.44dBi @ 2.4GHz -2.52dBi @ 5GHz	1.60 dB @2.4GHz 2.38 dB @5GHz			545
570	HB	Main	260-29066	-0.89dBi @ 2.4GHz 0.04dBi @ 5GHz	0.94 dB @2.4GHz 1.46 dB @5GHz	PIFA	I-PEX	320
		Aux	260-29066	-1.25dBi @ 2.4GHz -2.16dBi @ 5GHz	1.60 dB @2.4GHz 2.49 dB @5GHz			545
571	WNC	Main	025.901RH.0011 (81ELAW15.G23)	1.23dBi @ 2.4GHz 2.55dBi @ 5GHz	-0.88 dB @2.4GHz -1.30dB @5GHz	PIFA	I-PEX	343.5
		Aux	025.901RH.0011 (81ELAW15.G23)	1.42dBi @ 2.4GHz 0.69dBi @ 5GHz	-1.46 dB @2.4GHz -2.16 dB @5GHz			570
572	WNC	Main	025.901RJ.0011 (81EABG15.G05)	-1.75dBi @ 2.4GHz 2.17dBi @ 5GHz	1.01 dB @2.4GHz 1.65 dB @5GHz	PIFA	I-PEX	342.5
		Aux	025.901RJ.0011 (81EABG15.G05)	-2.39dBi @ 2.4GHz -0.21dBi @ 5GHz	1.67dB @2.4GHz 2.74 dB @5GHz			567.5
573	Speed	Main	F.0G.FH-6100-001-00	-2.25dBi @ 2.4GHz 1.02dBi @ 5GHz	0.93 dB @2.4GHz 1.38 dB @5GHz	PIFA	I-PEX	330
		Aux	F.0G.FH-6100-001-00	-1.13dBi @ 2.4GHz 0.4dBi @ 5GHz	1.58 dB @2.4GHz 2.36 dB @5GHz			550
574	Speed	Main	F.0G.FH-6100-002-00	-2.21dBi @ 2.4GHz 1.37dBi @ 5GHz	0.93 dB @2.4GHz 1.38 dB @5GHz	PIFA	I-PEX	320
		Aux	F.0G.FH-6100-002-00	-1.06dBi @ 2.4GHz 0.50dBi @ 5GHz	1.58 dB @2.4GHz 2.36 dB @5GHz			545
575	Auden	Main	A22400-00	2.44dBi @ 2.4GHz 1.39dBi @ 5GHz	0.68 dB @2.4GHz 1.12 dB @5GHz	PIFA	I-PEX	312
		Aux	A22400-00	1.22dBi @ 2.4GHz 1.09dBi @ 5GHz	1.18 dB @2.4GHz 2.09 dB @5GHz			537
576	Auden	Main	A22401-30	-0.23dBi @ 2.4GHz 3.01dBi @ 5GHz	0.68 dB @2.4GHz 1.12 dB @5GHz	PIFA	I-PEX	312
		Aux	A22401-30	-0.74dBi @ 2.4GHz 1.71dBi @ 5GHz	1.18 dB @2.4GHz 1.92 dB @5GHz			537

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
577	WNC	Main	025.901SL.0001 (81EABD15.G29) (NB Mode)	1.53dBi @ 2.4GHz 2.9 dBi @ 5GHz	1.03 dB @2.4GHz 1.54dB @5GHz	PIFA	I-PEX	372
		Aux	025.901SL.0011 (81EABD15.G30) (NB Mode)	1.08 dBi @ 2.4GHz 2.92 dBi @ 5GHz	1.23 dB @2.4GHz 1.91dB @5GHz			442
	WNC	Main	025.901SL.0001 (81EABD15.G29) (TB Mode)	-0.02 dBi @ 2.4GHz 1.08 dBi @ 5GHz	1.03 dB @2.4GHz 1.54dB @5GHz	PIFA	I-PEX	372
		Aux	025.901SL.0011 (81EABD15.G30) (TB Mode)	-0.58 dBi @ 2.4GHz 0.19 dBi @ 5GHz	1.23dB @2.4GHz 1.88 dB @5GHz			442
578	INPAQ	Main	025.901SO.0001 (WA-P-LE-02-005) (NB Mode)	2.81 dBi @ 2.4GHz 0.72 dBi @ 5GHz	1.03dB @2.4GHz 1.56dB @5GHz	PIFA	I-PEX	372
		Aux	025.901SP.0001 (WA-P-LE-02-006) (NB Mode)	-1.64 dBi @ 2.4GHz 0.69 dBi @ 5GHz	1.23 dB @2.4GHz 1.88dB @5GHz			442
	INPAQ	Main	025.901SO.0001 (WA-P-LE-02-005) (TB Mode)	-0.57 dBi @ 2.4GHz 2.88 dBi @ 5GHz	1.03dB @2.4GHz 1.56 dB @5GHz	PIFA	I-PEX	372
		Aux	025.901SP.0001 (WA-P-LE-02-006) (TB Mode)	-1.54 dBi @ 2.4GHz 0.58 dBi @ 5GHz	1.23dB @2.4GHz 1.88 dB @5GHz			442
579	WNC	Main	13-130-004147 (81EABK15.G69)	0.98dBi @ 2.4GHz 2.21dBi @ 5GHz	1.85 dB @2.4GHz 2.88dB @5GHz	PIFA	I-PEX	650
		Aux	13-130-004149 (81EABK15.G72)	-0.57dBi @ 2.4GHz 1.33dBi @ 5GHz	1.85 dB @2.4GHz 2.88dB @5GHz			650
580	AWAN	Main	AYP6Y-100285 (1415-08YJ0A9) (NB Mode)	2.31dBi @ 2.4GHz -0.59dBi @ 5GHz	1.07 dB @2.4GHz 1.64 dB @5GHz	PIFA	I-PEX	430
		Aux	AYP6Y-100286 (1415-08YK0A9) (NB Mode)	0.47dBi @ 2.4GHz -0.62dBi @ 5GHz	1.65 dB @2.4GHz 2.63 dB @5GHz			663
	AWAN	Main	AYP6Y-100285 (1415-08YJ0A9) (TB Mode)	2dBi @ 2.4GHz 0.73dBi @ 5GHz	1.07 dB @2.4GHz 1.76 dB @5GHz	PIFA	I-PEX	430
		Aux	AYP6Y-100286 (1415-08YK0A9) (TB Mode)	0.5dBi @ 2.4GHz -1.12dBi @ 5GHz	1.65 dB @2.4GHz 2.72 dB @5GHz			663

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
581	Luxshae-ICT	Main	L01RF338-NB-H	2.93 dBi @ 2.4GHz 4.68 dBi @ 5GHz	0.54 dB @2.4GHz 0.85 dB @5GHz	PIFA	IPEX4	220
		Aux	L01RF338-NB-H	2.43 dBi @ 2.4GHz 4.41dBi @ 5GHz	1.01 dB @2.4GHz 1.58 dB @5GHz			413
582	INPAQ	Main	WA-F-LBLB-04-080	2.80 dBi @ 2.4GHz 4.79dBi @ 5GHz	0.67 dB @2.4GHz 1.09dB @5GHz	PIFA	IPEX4	220
		Aux	WA-F-LBLB-04-080	2.60 dBi @ 2.4GHz 4.61 dBi @ 5GHz	1.25 dB @2.4GHz 2.03 dB @5GHz			413
583	AWAN	Main	DC33001WL00	2.37dBi @ 2.4GHz 1.57dBi @ 5GHz	0.7dB @2.4GHz 1.16dB @5GHz	PIFA	IPEX	275.5
		Aux	DC33001WL10	2.23dBi @ 2.4GHz 1.79dBi @ 5GHz	0.57dB @2.4GHz 0.9dB @5GHz			223
584	LUXSHARE-ICT	Main	DC33001WM00	2.88dBi @ 2.4GHz 3.98dBi @ 5GHz	0.68 dB @2.4GHz 1.06dB @5GHz	PIFA	IPEX	275.5
		Aux	DC33001WM10	2.96dBi @ 2.4GHz 3.11dBi @ 5GHz	0.55 dB @2.4GHz 0.82dB @5GHz			223
585	LUXSHARE-ICT	Main	DC33001WY00	2.65dBi @ 2.4GHz 1.57dBi @ 5GHz	0.55 dB @2.4GHz 1.27dB @5GHz	PIFA	IPEX	163
		Aux	DC33001WY10	1.78dBi @ 2.4GHz 1.49dBi @ 5GHz	0.55 dB @2.4GHz 0.89dB @5GHz			228
586	Speed	Main	DC33001WW00	2.15dBi @ 2.4GHz 3.99dBi @ 5GHz	0.57 dB @2.4GHz 0.92dB @5GHz	PIFA	IPEX	163
		Aux	DC33001WW10	2.53dBi @ 2.4GHz 2.85dBi @ 5GHz	0.67 dB @2.4GHz 1.00dB @5GHz			228
587	Amphenol	Main	DC33001WT00	2.51dBi @ 2.4GHz -0.48dBi @ 5GHz	0.4 dB @2.4GHz 0.6dB @5GHz	PIFA	IPEX	115.5
		Aux	DC33001WT10	0.56dBi @ 2.4GHz 0.60dBi @ 5GHz	1.3 dB @2.4GHz 1.8dB @5GHz			412
588	LUXSHARE-ICT	Main	DC33001WR00	0.01dBi @ 2.4GHz 1.20dBi @ 5GHz	0.28 dB @2.4GHz 0.45dB @5GHz	PIFA	IPEX	115.5
		Aux	DC33001WR10	0.92dBi @ 2.4GHz -0.54dBi @ 5GHz	1.0dB @2.4GHz 1.59dB @5GHz			412
589	Speed	Main	DC33001WV00	-1.49dBi @ 2.4GHz 4.00dBi @ 5GHz	0.79 dB @2.4GHz 1.28dB @5GHz	PIFA	IPEX	260
		Aux	DC33001WV10	0.59dBi @ 2.4GHz 3.22dBi @ 5GHz	1.48 dB @2.4GHz 2.40dB @5GHz			500
590	LUXSHARE-ICT	Main	DC33001WU00	0.39dBi @ 2.4GHz 3.24dBi @ 5GHz	0.64 dB @2.4GHz 1.00dB @5GHz	PIFA	IPEX	260
		Aux	DC33001WU10	1.09dBi @ 2.4GHz 4.13dBi @ 5GHz	1.23 dB @2.4GHz 1.92dB @5GHz			500

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
591	INPAQ	Main	DC33001W500	0.45dBi @ 2.4GHz 2.04dBi @ 5GHz	1.50dB @ 2.4GHz 2.50dB @ 5GHz	PIFA	IPEX	458.5
		Aux	DC33001W510	-1.68dBi @ 2.4GHz 1.22dBi @ 5GHz	1.2dB @ 2.4GHz 2.3dB @ 5GHz			413.7
592	Speed	Main	DC33001W400	2.36dBi @ 2.4GHz 3.23dBi @ 5GHz	1.34dB @ 2.4GHz 2.09dB @ 5GHz	PIFA	PEX Speed-techC87P115	458.5
		Aux	DC33001W410	2.87dBi @ 2.4GHz 2.67dBi @ 5GHz	1.21dB @ 2.4GHz 1.79dB @ 5GHz			413.7
593	AWAN	Main	AXF6Y-100055	2.15dBi @ 2.4GHz 2.31dBi @ 5GHz	0.51dB @ 2.4GHz 0.81dB @ 5GHz	PIFA	IPEX	197
		Aux	AXF6Y-100056	1.98dBi @ 2.4GHz 2.61dBi @ 5GHz	0.83dB @ 2.4GHz 1.32dB @ 5GHz			320
594	Speed	Main	DC33001Y000	2.59dBi @ 2.4GHz 3.7dBi @ 5GHz	0.51dB @ 2.4GHz 0.80dB @ 5GHz	PIFA	IPEX	197
		Aux	DC33001Y010	2.91dBi @ 2.4GHz 4.29dBi @ 5GHz	0.80dB @ 2.4GHz 1.25dB @ 5GHz			320
595	Speed Wireless Technical Co., LTD.	Main	DC33001XT00	0.91dBi @ 2.4GHz 3.31dBi @ 5GHz	0.61dB @ 2.4GHz 0.96dB @ 5GHz	PIFA	I-PEX	151
		Aux	DC33001XT00	2.38dBi @ 2.4GHz 3.35dBi @ 5GHz	1.05dB @ 2.4GHz 1.65dB @ 5GHz			394
596	AWAN	Main	AYP6Y-100339	2.7 dBi @ 2.4GHz 4.4 dBi @ 5GHz	0.27 dB @ 2.4GHz 0.44 dB @ 5GHz	PIFA	IPEX NGFF	107
		Aux	AYP6Y-100340	2.3 dBi @ 2.4GHz 4.7 dBi @ 5GHz	1.15 dB @ 2.4GHz 1.79 dB @ 5GHz			334
597	ICT	Main	LA9RF389-CS-H	2.6 dBi @ 2.4GHz 3.7 dBi @ 5GHz	0.26 dB @ 2.4GHz 0.41 dB @ 5GHz	PIFA	I-PEX ST4	107
		Aux	LA9RF390-CS-H	1.9 dBi @ 2.4GHz 3.8 dBi @ 5GHz	1.61 dB @ 2.4GHz 2.63dB @ 5GHz			334
598	INPAQ	Main	WA-P-LE-02-067	2.81dBi@2.4GHz 4.42dBi@5GHz	1.07dB@2.4GHz 1.66dB@5GHz	PIFA	I-PEX MHF4-L	384
		Aux	WA-P-LE-01-009	2.33dBi@2.4GHz 4.52dBi@5GHz	1.59dB@2.4GHz 2.60dB@5GHz			572
599	AWAN	Main	AYP6Y-100310	1.53dBi@2.4GHz 3.97dBi@5GHz	0.27dB@2.4GHz 0.44dB@5GHz	PIFA	IPEX NGFF	107
		Aux	AYP6Y-100311	-0.11dBi@2.4GHz 3.25dBi@5GHz	0.84dB@2.4GHz 1.40dB@5GHz			338
600	INPAQ	Main	WA-P-LE-02-066	1.57dBi@2.4GHz 4.49dBi@5GHz	0.93dB@2.4GHz 1.44dB@5GHz	PIFA	I-PEX MHF4-L	334
		Aux	WA-P-LE-01-008	2.54dBi@2.4GHz 4.32dBi@5GHz	1.33dB@2.4GHz 2.18dB@5GHz			481

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
601	AWAN	Main	AYF6Y-100190	2.88 dBi @ 2.4GHz 4.82 dBi @ 5GHz	0.69 dB @ 2.4GHz 1.17 dB @ 5GHz	PIFA	IPEX NGFF	275
		Aux	AYF6Y-100191	2.64 dBi @ 2.4GHz 2.47 dBi @ 5GHz	1.3 dB @ 2.4GHz 2.21 dB @ 5GHz			520
602	LUXSHARE-ICT	Main	LA9RF361-CS-H	2.98dBi @ 2.4GHz 4.92dBi @5GHz	0.67dB @ 2.4GHz 1.06dB @ 5GHz	PIFA	I-PEX	275
		Aux	LA9RF362-CS-H	2.78dBi @ 2.4GHz 2.59dBi @ 5GHz	1.26 dB @2.4GHz 2.0dB @5GHz			520
603	AWAN	Main	AYPMY-200001	2.37 dBi @ 2.4GHz 3.20 dBi @ 5GHz	1.51 dB @ 2.4GHz 2.57 dB @ 5GHz	PIFA	IPEX NGFF	605
		Aux	AYP6Y-100301	2.63 dBi @ 2.4GHz 3.52 dBi @ 5GHz	0.64 dB @ 2.4GHz 1.08 dB @ 5GHz			255
604	LUXSHARE-ICT	Main	LA9RF364-CS-H-P	2.35dBi @2.4GHz 3.16dBi @5GHz	1.58 dB @2.4GHz 2.54 dB @5GHz	PIFA	IPEX-4	620
		Aux	LA9RF373-CS-H-P	2.55dBi @2.4GHz 3.48dBi @5GHz	0.62 dB @2.4GHz 0.99 dB @5GHz			270
605	AWAN	Main	AYP6Y-100267	2.9 dBi @ 2.4GHz 3.7 dBi @ 5GHz	0.74 dB @ 2.4GHz 1.24 dB @ 5GHz	PIFA	IPEX NGFF	249
		Aux	AYP6Y-100268	3.0 dBi @ 2.4GHz 2.5 dBi @ 5GHz	1.45 dB @ 2.4GHz 2.44 dB @ 5GHz			485.2
606	LUXSHARE-ICT	Main	LA9RF358-CS-H	2.8dBi @ 2.4GHz 3.6dBi @ 5.0GHz	0.81 dB @ 2.4GHz 1.30 dB @ 5GHz	PIFA	IPEX-4	249
		Aux	LA9RF359-CS-H	2.6 dBi @ 2.4GHz 2.2 dBi @ 5.0GHz	1.44 dB @ 2.4GHz 2.30 dB @ 5GHz			485.2
607	YAGEO	Main	TZ20941	2.79 dBi @ 2.4GHz 4.59 dBi @ 5GHz	0.78 dB @2.4GHz 1.09 dB @5GHz	PIFA	I-PEX	260
		Aux	TZ20944	2.71 dBi @ 2.4GHz 4.25 dBi @ 5GHz	1.55 dB @2.4GHz 2.18 dB @5GHz			510
608	INPAQ	Main	WA-P-LE-02-065	2.88dBi @ 2.4GHz 4.75dBi @ 5GHz	0.72 dB @2.4GHz 1.18dB @5GHz	PIFA	I-PEX MHF4-L	260
		Aux	WA-P-LE-01-007	2.93dBi @ 2.4GHz 4.72dBi @ 5GHz	1.43dB @2.4GHz 2.23dB @5GHz			515
609	INPAQ	Main	WA-P-LE-02-064	2.75 dBi @ 2.4GHz 4.57 dBi @ 5GHz	0.56 dB @2.4GHz 0.87 dB @5GHz	PIFA	I-PEX MHF4-L	200
		Aux	WA-P-LE-01-006	2.71 dBi @ 2.4GHz 4.63 dBi @ 5GHz	1.22 dB @2.4GHz 1.90 dB @5GHz			440
610	PULSE	Main	TZ20921	2.55 dBi @ 2.4GHz 4.33 dBi @ 5GHz	0.60 dB @2.4GHz 0.85 dB @5GHz	PIFA	I-PEX	200
		Aux	TZ20924	2.22 dBi @ 2.4GHz 4.15 dBi @ 5GHz	1.33 dB @2.4GHz 1.86 dB @5GHz			440

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
611	AWAN	Main	AYPMY-200000	2.80 dBi @ 2.4GHz 2.67 dBi @ 5GHz	1.58 dB @ 2.4GHz 2.55 dB @ 5GHz	PIFA	IPEX NGFF	515
		Aux	AYP6Y-100266	1.63 dBi @ 2.4GHz 3.88 dBi @ 5GHz	0.70 dB @ 2.4GHz 1.13 dB @ 5GHz			228
612	LUXSHARE-ICT	Main	LA9RF366-CS-H	2.51dBi @ 2.4GHz 2.58dBi @ 5GHz	1.26 dB @ 2.4GHz 1.98dB @ 5GHz	PIFA	I-PEX4	515
		Aux	LA9RF365-CS-H	1.48dBi @ 2.4GHz 3.02dBi @ 5GHz	0.56 dB @ 2.4GHz 0.88dB @ 5GHz			228
613	INPAQ	Main	RFDPA141000SBLB831	2.29dBi @ 2.4GHz 2.03dBi @ 5GHz	1.0dB @ 2.4GHz 1.7dB @ 5GHz	Dipole	Reverse SMA (RF Cable:IPEX(20565-001R-13))	NA (RF Cable:190)
		Aux	RFDPA141000SBLB831	2.29dBi @ 2.4GHz 2.03dBi @ 5GHz	0.7dB @ 2.4GHz 1.4dB @ 5GHz			NA (RF Cable:130)
614	INPAQ	Main	WA-P-LE-02-069	2.85dBi @ 2.4GHz 2.96dBi @ 5GHz	1.62dB @ 2.4GHz 2.65dB @ 5GHz	PIFA	I-PEX MHF4-L	583
		Aux	WA-P-LE-01-005	1.13dBi @ 2.4GHz 4.73dBi @ 5GHz	0.78dB @ 2.4GHz 1.27dB @ 5GHz			280
615	PULSE	Main	TZ20845	1.40dBi @ 2.4GHz 0.97dBi @ 5GHz	1.76 dB @ 2.4GHz 2.45dB @ 5GHz	PIFA	I-PEX	583
		Aux	TZ20835	1.08dBi @ 2.4GHz 2.46dBi @ 5GHz	0.84 dB @ 2.4GHz 1.18dB @ 5GHz			280
616	LUXSHARE-ICT	Main	L01RF066-DT-R	1.0 dBi @ 2.4GHz 2.9 dBi @ 5GHz	1.21 dB @ 2.4GHz 1.92 dB @ 5GHz	PIFA	I-PEX(20565-001R-13)	500
		Aux	L01RF118-DT-H	1.9 dBi @ 2.4GHz 3.0 dBi @ 5GHz	0.68 dB @ 2.4GHz 1.07 dB @ 5GHz			280
617	INPAQ	Main	HQ20604864000 (WA-P-LE-02-071) (NB Mode)	2.49dBi @ 2.4GHz 3.30dBi @ 5GHz	0.60 dB @ 2.4GHz 0.89 dB @ 5GHz	PIFA	I-PEX	216
		Aux	HQ20604863000 (WA-P-LE-03-003) (NB Mode)	2.64dBi @ 2.4GHz 2.99dBi @ 5GHz	1.06 dB @ 2.4GHz 1.58 dB @ 5GHz			383
	INPAQ	Main	HQ20604864000 (WA-P-LE-02-071) (TB Mode)	2.31dBi @ 2.4GHz 2.74dBi @ 5GHz	0.60 dB @ 2.4GHz 0.92 dB @ 5GHz	PIFA	I-PEX	216
		Aux	HQ20604863000 (WA-P-LE-03-003) (TB Mode)	2.24dBi @ 2.4GHz 2.90dBi @ 5GHz	1.06 dB @ 2.4GHz 1.63 dB @ 5GHz			383

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
618	INNOWAVE	Main	HQ20604865000 (F00168007110001) (NB Mode)	2.88 dBi @ 2.4GHz 4.09 dBi @ 5GHz	0.55 dB @2.4GHz 1.17 dB @5GHz	PIFA	IPEX-20565	216
		Aux	HQ20604862000 (F00168007510002) (NB Mode)	2.77 dBi @ 2.4GHz 3.42 dBi @ 5GHz	1.08 dB @2.4GHz 1.78 dB @5GHz			383
	INNOWAVE	Main	HQ20604865000 (F00168007110001) (TB Mode)	2.53 dBi @ 2.4GHz 3.33 dBi @ 5GHz	0.55 dB @2.4GHz 1.12 dB @5GHz	PIFA	IPEX-20565	216
		Aux	HQ20604862000 (F00168007510002) (TB Mode)	2.8 dBi @ 2.4GHz 3.36 dBi @ 5GHz	1.08 dB @2.4GHz 1.73 dB @5GHz			383
619	INPAQ	Main	HQ20604916000 (WA-P-LE-02-083)	2.91 dBi @ 2.4GHz 4.03 dBi @ 5GHz	0.53 dB @2.4GHz 0.82 dB @5GHz	PIFA	I-PEX	190
		Aux	HQ20604917000 (WA-P-LE-03-008)	2.94 dBi @ 2.4GHz 4.46 dBi @ 5GHz	1.01 dB @2.4GHz 1.56 dB @5GHz			362
620	INNOWAVE	Main	HQ20604919000 (F00175507110001)	2.85 dBi @ 2.4GHz 3.43 dBi @ 5GHz	0.53 dB @2.4GHz 1.06 dB @5GHz	PIFA	IPEX-20565	216
		Aux	HQ20604918000 (F00175507510002)	2.82 dBi @ 2.4GHz 4.25 dBi @ 5GHz	1.02 dB @2.4GHz 1.72 dB @5GHz			383
621	INPAQ	Main	HQ20604916000 (WA-P-LE-02-083)	2.92 dBi @ 2.4GHz 4.46 dBi @ 5GHz	0.53 dB @2.4GHz 0.82 dB @5GHz	PIFA	I-PEX	190
		Aux	HQ20604917000 (WA-P-LE-03-008)	2.58 dBi @ 2.4GHz 4.01 dBi @ 5GHz	1.01 dB @2.4GHz 1.57 dB @5GHz			362
622	INNOWAVE	Main	HQ20604919000 (F00175507110001)	2.9 dBi @ 2.4GHz 3.47 dBi @ 5GHz	0.53 dB @2.4GHz 1.06 dB @5GHz	PIFA	IPEX-20565	216
		Aux	HQ20604918000 (F00175507510002)	2.41 dBi @ 2.4GHz 3.31 dBi @ 5GHz	1.02 dB @2.4GHz 1.75 dB @G			383
623	Foxconn	Main	35050BT00-600-G (ANTS2M2-CLA21-EH)	2.67dBi @ 2.4GHz 3.39dBi @ 5GHz	1.0 dB @2.4GHz 1.69dB @5GHz	PIFA	I-PEX	300
		Aux	35050BT00-600-G (ANTS2M2-CLA21-EH)	-1.28dBi @ 2.4GHz 3.25dBi @ 5GHz	1.21 dB @2.4GHz 1.91 dB @5GHz			365
624	AWAN	Main	AYM6Y-200031 (35050BS00-724-G)	2.24dBi @ 2.4GHz 4.04dBi @ 5GHz	0.90dB @2.4GHz 1.51dB @5GHz	PIFA	I-pex 20565-001R-13	300
		Aux	AYM6Y-200031 (35050BS00-724-G)	1.87dBi @ 2.4GHz 3.43dBi @ 5GHz	1.10dB @2.4GHz 1.77dB @5GHz			365

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (option)	Antenna Type	Connector Type	Cable Length (mm)
625	WNC	Main	81EABK15.G73	2.85dBi @2.4GHz 2.96dBi @5GHz	0.54 dB @2.4GHz 0.81dB @5GHz	PIFA	i-pex(MHF4L)	195
		Aux	81EABK15.G74	2.83dBi @2.4GHz 2.48dBi @5GHz	0.87 dB @2.4GHz 1.30dB @5GHz			313
626	WNC	Main	81EABK15.G88	2.96dBi @2.4GHz 2.98dBi @5GHz 3.75 dBi @5.925~6.425GHz 3.82 dBi @6425~6525GHz 3.82 dBi @6.525~6.875GHz 4.04 dBi @6.875~7.125GHz	0.54 dB @2.4GHz 0.84dB @5GHz	PIFA	i-pex(MHF4L)	195
		Aux	81EABK15.G74	2.83dBi @2.4GHz 2.48dBi @5GHz	0.87 dB @2.4GHz 1.30dB @5GHz			313
627	High-tek	Main Aux Main Aux	DC33002R600 (0ACCN022001N)	1.81dBi @ 2.4GHz 4.21dBi @ 5GHz	0.41 dB @2.4G 0.71dB @5G	PIFA	I-PEX	150
			DC33002R610 (0ACCN022002N)	2.69dBi @ 2.4GHz 4.22dBi @ 5GHz	0.86 dB @2.4G 1.47dB @5G			310
628	Pulse		DC33002R500 (TZ2381D)	1.07dBi @ 2.4GHz 3.77dBi @ 5GHz	0.42 dB @2.4G 0.65dB @5G	PIFA	I-PEX	150
			DC33002R510 (TZ2381E)	2.59dBi @ 2.4GHz 3.86dBi @ 5GHz	0.52 dB @2.4G 0.81dB @5G			310

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
629	Pulse	Main	DC33002Q900 (TZ2283D) (Platform type:B5602FB.B5602FBA B5602CB.B5602CBA)	1.27dBi @ 2.4GHz 2.84dBi @ 5GHz	0.67 dB @2.4G 1.01dB @5G	PIFA	I-PEX	290
		Aux	DC33002Q910 (TZ2283E) (Platform type:B5602FB.B5602FBA B5602CB.B5602CBA)	2.03dBi @ 2.4GHz 2.68dBi @ 5GHz	0.95 dB @2.4G 1.52dB @5G			410
		Main	DC33002Q900 (TZ2283D) (Platform type:B5602FB.B5602FBA)	1.77dBi @ 2.4GHz 2.64dBi @ 5GHz	0.67 dB @2.4G 1.07dB @5G	PIFA	I-PEX	290
		Aux	DC33002Q910 (TZ2283E) (Platform type:B5602FB.B5602FBA)	0.88dBi @ 2.4GHz 2.73dBi @ 5GHz	0.95 dB @2.4G 1.49dB @5G			410
630	South-Star	Main	DC33002QA00 (3.N201.0192) (Platform type:B5602FB.B5602FBA B5602CB.B5602CBA)	1.41dBi @ 2.4GHz 2.98dBi @ 5GHz	0.67 dB @2.4G 1.07dB @5G	PIFA	I-PEX	268
		Aux	DC33002QA10 (3.N201.0193) (Platform type:B5602FB.B5602FBA B5602CB.B5602CBA)	2.15 dBi@ 2.4GHz 2.95dBi @ 5GHz	0.95 dB @2.4G 1.49B @5G			410
		Main	DC33002QA00 (3.N201.0192) (Platform type:B5602FB.B5602FBA)	1.88 dBi@ 2.4GHz 2.96dBi @ 5GHz	0.67 dB @2.4G 1.07 dB @5G	PIFA	I-PEX	268
		Aux	DC33002QA10 (3.N201.0193) (Platform type:B5602FB.B5602FBA)	1.18dBi @ 2.4GHz 2.98dBi @ 5GHz	0.95 dB @2.4G 1.44 dB @5G			410

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
631	INPAQ	Main	WA-P-LB-02-942 (NB Mode)	2.07dBi @ 2.4GHz 1.73dBi @ 5GHz	0.85 dB @2.4G 1.27dB @5G	PIFA	i-pex	402
		Aux	WA-P-LB-03-181 (NB Mode)	0.91dBi @ 2.4GHz 1.63dBi @ 5GHz	1.03 dB @2.4G 1.58dB @5G			573
		Main	WA-P-LB-02-942 (PADMode)	1.57dBi @ 2.4GHz 1.23dBi @ 5GHz	0.85 dB @2.4G 1.27dB @5G	PIFA	i-pex	402
		Aux	WA-P-LB-03-181 (PADMode)	0.41dBi @ 2.4GHz 1.13dBi @ 5GHz	1.03 dB @2.4G 1.58dB @5G			573
632	ZTX	Main	2.00005367 (NB Mode)	1.82dBi @ 2.4GHz 1.48dBi @ 5GHz	0.85 dB @2.4G 1.27dB @5G	PIFA	i-pex	402
		Aux	2.00005368 (NB Mode)	0.66dBi @ 2.4GHz 1.38dBi @ 5GHz	1.03 dB @2.4G 1.58dB @5G			573
		Main	2.00005367 (PADMode)	1.32dBi @ 2.4GHz 0.98dBi @ 5GHz	1.24 dB @2.4G 1.84dB @5G	PIFA	i-pex	402
		Aux	2.00005368 (PADMode)	0.16dBi @ 2.4GHz 0.88dBi @ 5GHz	1.55 dB @2.4G 2.39dB @5G			573

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
633	Shenzhen South Star Technology Co., LTD	Main	N12-7822-R0A	2.35dBi @ 2.4GHz 2.57dBi @ 5GHz	1.0dB @ 2.4GHz 1.62dB @5GHz	PIFA	IPEX 4	274
		Aux	N12-7822-R0A	2.5dBi @ 2.4GHz 2.79dBi@5GHz	1.39dB @ 2.4GHz 2.27dB @5GHz			362
634	ZhongTianXun	Main	2.00005087	2.8dBi @ 2.4GHz 2.84dBi@5GHz	0.90dB @ 2.4GHz 1.39dB @5GHz	PIFA	IPEX 4	274
		Aux	2.00005087	2.74dBi @ 2.4GHz 2.55dBi@5GHz	1.23dB @ 2.4GHz 1.91dB @5GHz			362
635	High-Tek Electronics Co., Ltd	Main	DQ60ACQD0C4	-0.14dBi @ 2.4GHz 0.84dBi @ 5GHz	1.23dB @ 2.4G 1.82dB @ 5G	PIFA	IPEX	427
		Aux	DQ60ACQD0C4	0.01dBi @ 2.4GHz 0.86dBi @ 5GHz	1.45dB @ 2.4G 2.15dB @ 5G			504
636	WNC	Main	DQ6L15G7200	1.93dBi @ 2.4GHz 2.9dBi @ 5GHz	1.18dB @ 2.4G 1.82dB @ 5G	PIFA	IPEX	427
		Aux	DQ6L15G7200	1.59dBi @ 2.4GHz 2.28dBi @ 5GHz	1.33dB @ 2.4G 2.0dB @ 5G			504

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
637	WNC	Main	13-130-004146 (81EABK15.G65) (Platform type:D21E4 Predator PO5-650)	2.93 dBi @ 2.4GHz 3.08 dBi @ 5GHz	1.5 dB @2.4G 2.3 dB @5G	PIFA	i-pex(MHF4L)	539.5
		Aux	13-130-004145 (81EABK15.G66) (Platform type:D21E4 Predator PO5-650)	2.39 dBi @ 2.4GHz 3.47 dBi @ 5GHz	1.85 dB @2.4G 2.83 dB @5G			665.5
		Main	13-130-004146 (81EABK15.G65) (Platform type:D21E4 Predator PO7-650)	1.76 dBi @ 2.4GHz 4.62 dBi @ 5GHz	1.5 dB @2.4G 2.3 dB @5G	PIFA	i-pex(MHF4L)	539.5
		Aux	13-130-004145 (81EABK15.G66) (Platform type:D21E4 Predator PO7-650)	1.25 dBi @ 2.4GHz 4.48 dBi @ 5GHz	1.85 dB @2.4G 2.88 dB @5G			665.5
638	WNC	Main	13-130-004147 (81EABK15.G69)	2.76 dBi @ 2.4GHz 4.06 dBi @ 5GHz	1.85 dB @2.4G 2.88 dB @5G	PIFA	i-pex(MHF4L)	665
		Aux	13-130-005140 (81EABK15.G71)	2.32 dBi @ 2.4GHz 4.14 dBi @ 5GHz	1.94 dB @2.4G 3.01 dB @5G			539

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
639	WNC	Main	13-130-004147 (81EABK15.G69) (Platform type:D21E1 Aspire TC-1780)	1.23 dBi @ 2.4GHz 2.28 dBi @ 5GHz	1.85 dB @2.4G 2.73 dB @5G	PIFA	i-pex(MHF4L)	665
		Aux	13-130-004149 (81EABK15.G72) (Platform type:D21E1 Aspire TC-1780)	2.27 dBi @ 2.4GHz 1.46 dBi @ 5GHz	1.85 dB @2.4G 2.88 dB @5G			665
		Main	13-130-004147 (81EABK15.G69) (Platform type:D21E1 Aspire TC-1770)	0.43 dB @2.4G 3.66 dB @5G	1.85 dB @2.4G 2.83 dB @5G	PIFA	i-pex(MHF4L)	665
		Aux	13-130-004149 (81EABK15.G72) (Platform type:D21E1 Aspire TC-1770)	1.99 dB @2.4G 2.34 dB @5G	1.85 dB @2.4G 2.88 dB @5G			665
		Main	13-130-004147 (81EABK15.G69) (Platform type:D21E2 Aspire XC-1780)	1.91 dB @2.4G 3.83 dB @5G	1.85 dB @2.4G 2.83 dB @5G	PIFA	i-pex(MHF4L)	665
		Aux	13-130-004149 (81EABK15.G72) (Platform type:D21E2 Aspire XC-1780)	-0.32 dB @2.4G 3.02 dB @5G	1.85 dB @2.4G 2.88 dB @5G			665
640	High-Tek Electronics Co., Ltd	Main	DC33002KO00 (0ACCN020029N)	2.36dBi @ 2.4GHz 1.87dBi @ 5GHz	2.39dB @2.4G 4.00dB @5G	PIFA	I-PEX	735
		Aux	DC33002KO10 (0ACCN020030N)	2.29dBi @ 2.4GHz 3.09dBi @ 5GHz	1.16dB @2.4G 1.97dB @5G			355
641	SOUTH STAR TECHNOLOGY CO.,LTD	Main	DC33002KL00 (N12-7566-R0A)	2.83dBi @ 2.4GHz 3.63dBi @ 5GHz	2.27dB @2.4G 3.52dB @5G	PIFA	I-PEX	720
		Aux	DC33002KL10 (N12-7567-R0A)	2.74dBi @ 2.4GHz 3.19dBi @ 5GHz	1.11dB @2.4G 1.81dB @5G			360

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
642	High-Tek Electronics Co., Ltd	Main	DC33002KP00 (0ACCN020031N)	1.91dBi @ 2.4GHz 1.75dBi @ 5GHz	2.33dB @2.4G 3.97dB @5G	PIFA	SpeedTeh	715
		Aux	DC33002KP10 (0ACCN020032N)	2.28dBi @ 2.4GHz 3.27dBi @ 5GHz	0.45dB @2.4G 0.76dB @5G			139
643	SOUTH STAR TECHNOLOGY CO.,LTD	Main	DC33002KM00 (N12-7568-R0A)	2.99dBi @ 2.4GHz 3.29dBi @ 5GHz	0.53dB @2.4G 0.87dB @5G	PIFA	I-PEX	720
		Aux	DC33002KM10 (N12-7569-R0A)	2.31dBi @ 2.4GHz 3.31dBi @ 5GHz	0.97dB @2.4G 1.51dB @5G			155
644	WNC	Main	81EABK15.G67 (DC33002M700)	2.74 dBi@ 2.4GHz 1.61 dBi @ 5GHz	1.48 dB @2.4G 2.28 dB @5G	PIFA	I-pex MHF-4L	765
		Aux	81EABK15.G68 (DC33002M710)	2.56 dBi@ 2.4GHz 2.59 dBi @ 5GHz	2.12 dB @2.4G 3.31 dB @5G			535
645	WNC	Main	DC33002Q700 (81EABS15.G73)	2.61 dBi@ 2.4GHz 1.38 dBi @ 5GHz	1.36 dB @2.4G 2.12 dB @5G	PIFA	IPEX	491
		Aux	DC33002Q710 (81EABS15.G74)	2.94 dBi@ 2.4GHz 2.33 dBi @ 5GHz	1.82 dB @2.4G 2.79 dB @5G			665
646	AWAN	Main	AYF6Y-100211	1.49dBi@2.4GHz 3.82dBi@5GHz	0.27dB@2.4G 0.44dB@5G	PIFA	IPEX NGFF	107
		Aux	AYF6Y-100212	-0.15dBi@2.4GHz 3.09dBi@5GHz	0.84dB@2.4G 1.40dB@5G			338
647	INPAQ	Main	WA-M-LB-01-075	1.59dBi @ 2.4GHz 4.07dBi @ 5GHz	1.64dB @2.4G 2.88dB @5G	PIFA	I-PEX MHF4-L	590
		Aux	WA-M-LB-01-125	1.59dBi @ 2.4GHz 3.5dBi @ 5GHz	1.64dB @2.4G 2.88dB @5G			590

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
648	WIESON	Main	ARY121-0340-001-00	1.66dBi @ 2.4GHz 3.46dBi @ 5GHz	1.2 dB @2.4G 1.85 dB @5G	Dipole	IPEX	313
	LUXSHARE	AUX	LA9RF296-CS-H	0.13dBi @ 2.4GHz 2.80dBi @ 5GHz	0.36 dB @2.4G 0.58dB @5G	PIFA		152
649	WIESON	Main	ARY121-0340-002-00	1.66dBi @ 2.4GHz 3.46dBi @ 5GHz	1.2 dB @2.4G 1.85 dB @5G	Dipole	IPEX	313
	LUXSHARE	Main	LA9RF296-CS-H	0.13dBi @ 2.4GHz 2.80dBi @ 5GHz	0.36 dB @2.4G 0.58dB @5G	PIFA		152
650	INPAQ	Main	DAM-L14-K1-N0-000-04-02	0.83dBi @ 2.4GHz 1.32dBi @ 5GHz	1.2 dB @2.4G 1.77 dB @5G	Dipole	IPEX	313
	LUXSHARE	AUX	LA9RF296-CS-H	0.13dBi @ 2.4GHz 2.80dBi @ 5GHz	0.36 dB @2.4G 0.58dB @5G	PIFA		152
651	INPAQ	Main	DAM-L14-K1-N0-000-04-15	0.83dBi @ 2.4GHz 1.32dBi @ 5GHz	1.2 dB @2.4G 1.77 dB @5G	Dipole	IPEX	313
	LUXSHARE	AUX	LA9RF296-CS-H	0.13dBi @ 2.4GHz 2.80dBi @ 5GHz	0.36 dB @2.4G 0.58dB @5G	PIFA		152

Newly

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
652	LUXSHARE-ICT	Main	LA9RF418-CS-H	1.12 dBi @ 2.4GHz -0.89 dBi @ 5GHz	2.02 dB @2.4G 3.86 dB @5G	PIFA	IPEX	920
		Aux	LA9RF417-CS-H	-0.68 dBi @ 2.4GHz 0.64 G2dBi @ 5GHz	2.02 dB @2.4G 3.86 dB @5G			920
653	LUXSHARE-ICT	Main	LA9RF416-CS-H	0.25 dBi @ 2.4GHz 0.22 dBi @ 5GHz	1.60 dB @2.4G 2.54 dB @5G	PIFA	IPEX NGFF	550
		Aux	LA9RF416-CS-H	0.61 dBi @ 2.4GHz 0.29 dBi @ 5GHz	1.62 dB @2.4G 2.60 dB @5G			550
654	LUXSHARE-ICT	Main	LA9RF419-CS-H	1.39dBi @ 2.4GHz 3.62dBi @ 5GHz	1.41dB @2.4G 2.21dB @5G	PIFA	I-PEX MHF4-L	590
		Aux	LA9RF422-CS-H	1.29dBi @ 2.4GHz 3.0dBi @ 5GHz	1.43dB @2.4G 2.15dB @5G			590
655	LUXSHARE-ICT	Main	LA9RF433-CS-H	0.56 dBi @ 2.4GHz 1.71 dBi @ 5GHz	0.48 dB @2.4G 0.76 dB @5G	PIFA	IPEX	165
		Aux	LA9RF434-CS-H	1.16 dBi @ 2.4GHz 2.12 dBi @ 5GHz	0.18 dB @2.4G 0.27dB @5G			60
656	AWAN	Main	AYP6Y-100324	0.92dBi@2.4GHz 2.17dBi@5GHz	0.58dB@2.4G 0.93dB@5G	PIFA	IPEX NGFF	165
		Aux	AYP6Y-100321	1.52dBi@2.4GHz 2.49dBi@5GHz	0.23dB@2.4G 0.37dB@5G			60

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
657	Shenzhen South Star Technology Ltd	Main	DC33002NT00 (N12-7896-R0A) (Platform type:IdeaCentre AIO 3 22IAP7	1.72dBi @ 2.4GHz 0.94dBi @ 5GHz	1.19 dB @ 2.4G 1.81 dB @ 5G	PIFA	IPEX(MHF)	330
		Aux	DC33002NT10 (N12-7897- R0A) (Platform type:IdeaCentre AIO 3 22IAP7	1.61dBi @ 2.4GHz -0.24dBi @ 5GHz	1.66 dB @ 2.4G 2.44 dB @ 5G			460
	Shenzhen South Star Technology Ltd	Main	DC33002NT00 (N12-7896-R0A) (Platform type:IdeaCentre AIO 3 24IAP7	1.01dBi @ 2.4GHz 2.25dBi @ 5GHz	1.19 dB @ 2.4G 1.75 dB @ 5G	PIFA	IPEX(MHF)	330
		Aux	DC33002NT10 (N12-7897- R0A) (Platform type:IdeaCentre AIO 3 24IAP7	1.61dBi @ 2.4GHz -0.24dBi @ 5GHz	1.66 dB @ 2.4G 2.44 dB @ 5G			460

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
658	Shenzhen South Star Technology Ltd	Main	DC33002NU00 (N12-7898-R0A)	1.67dBi @ 2.4GHz 0.5dBi @ 5GHz	0.54 dB @ 2.4G 0.81 dB @ 5G	PIFA	IPEX(MHF)	385
		Aux	DC33002NU10 (N12-7899- R0A)	1.92dBi @ 2.4GHz -0.48dBi @ 5GHz	0.47 dB @ 2.4G 0.74 dB @ 5G			535
659	High-Tek Electronics Co., Ltd	Main	DC33002JA00(0ACCN020015N) (Platform type:IdeaCentre AIO 3 22IAP7	1.66dBi @ 2.4GHz 1.82dBi @ 5GHz	1.18 dB @ 2.4G 1.81 dB @ 5G	PIFA	IPEX SpeedTech(MHF)	330
		Aux	DC33002JA10(0ACCN020016N) (Platform type:IdeaCentre AIO 3 22IAP7	1.57dBi @ 2.4GHz 2.82dBi @ 5GHz	1.64 dB @ 2.4G 2.59 dB @ 5G			460
	High-Tek Electronics Co., Ltd	Main	DC33002JA00(0ACCN020015N) (Platform type:IdeaCentre AIO 3 24IAP7	1.79dBi @ 2.4GHz 2.85dBi @ 5GHz	1.18 dB @ 2.4G 1.70 dB @ 5G	PIFA	IPEX SpeedTech(MHF)	330
		Aux	DC33002JA10(0ACCN020016N) (Platform type:IdeaCentre AIO 3 24IAP7	1.77dBi @ 2.4GHz 2.23dBi @ 5GHz	1.64 dB @ 2.4G 2.59 dB @ 5G			460
660	High-Tek Electronics Co., Ltd	Main	DC33002JC00(0ACCN020017N)	1.86dBi @ 2.4GHz 2.97dBi @ 5GHz	1.37 dB @ 2.4G 2.11 dB @ 5G	PIFA	IPEX SpeedTech(MHF)	385
		Aux	DC33002JC10(0ACCN020018N)	1.97dBi @ 2.4GHz 2.97dBi @ 5GHz	1.87 dB @ 2.4G 2.95 dB @ 5G			525

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
661	AWAN	Main	DC33002JT00 (AYP6Y-100187) (Platform type:IdeaCentre AIO 3 22IAP7	1.78dBi @ 2.4GHz 2.69dBi @ 5GHz	1.09 dB @2.4G 1.65 dB @5G	PIFA	IPEX	330
		Aux	DC33002JT10 (AYP6Y-100188) (Platform type:IdeaCentre AIO 3 22IAP7	1.65dBi @ 2.4GHz 2.94dBi @ 5GHz	1.52 dB @2.4G 2.37 dB @5G			460
	AWAN	Main	DC33002JT00 (AYP6Y-100187) (Platform type:IdeaCentre AIO 3 24IAP7	1.83dBi @ 2.4GHz 2.93dBi @ 5GHz	1.09 dB @2.4G 1.65 dB @5G	PIFA	IPEX	330
		Aux	DC33002JT10 (AYP6Y-100188) (Platform type:IdeaCentre AIO 3 24IAP7	1.83dBi @ 2.4GHz 2.9dBi @ 5GHz	1.52 dB @2.4G 2.37 dB @5G			460

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
662	AWAN	Main	DC33002JV00 (AYP6Y-100185)	1.95dBi @ 2.4GHz 2.91dBi @ 5GHz	1.09 dB @2.4G 1.75 dB @5G	PIFA	IPEX	385
		Aux	DC33002JV10 (AYP6Y-100186)	1.92dBi @ 2.4GHz 2.45dBi @ 5GHz	1.52 dB @2.4G 2.30 dB @5G			525
663	AWAN	Main	AYP6Y-200040 (Platform type: FA617)	2.83dBi @ 2.4GHz 4.34 dBi @ 5GHz	0.4 dB @2.4G 0.66 dB @5G	PIFA	I-PEX IV	131.6
		Aux	AYP6Y-200040 (Platform type: FA617)	2.58 dBi @ 2.4GHz 3.22 dBi @ 5GHz	1.04 dB @2.4G 1.67 dB @5G			344.5
	AWAN	Main	AYP6Y-200040 (Platform type: FA507XV)	2.22dBi @ 2.4GHz 4.54dBi @ 5GHz	0.4 dB @2.4G 0.66 dB @5G	PIFA	I-PEX IV	131.6
		Aux	AYP6Y-200040 (Platform type: FA507XV)	1.7dBi @ 2.4GHz 2.9dBi @ 5GHz	1.04 dB @2.4G 1.67 dB @5G			344.5
664	INPAQ Corporation	Main	WA-P-LELE-04-006	2.53 dBi @ 2.4GHz 3.6 dBi @ 5GHz	0.44 dB @2.4G 0.73dB @5G	PIFA	I-PEX MHF-4L	131.6
		Aux	WA-P-LELE-04-006	2.26 dBi @ 2.4GHz 3.06 dBi @ 5GHz	1.17 dB @2.4G 1.9 dB @5G			347.5
665	INPAQ Corporation	Main	DQ60PLBLB41	2.95dBi @ 2.4GHz 1.91dBi @ 5GHz	1.76 dB @2.4G 2.76 dB @5G	PIFA	IPEX MHF-4L	759
		Aux	DQ60PLBLB41	2.92dBi @ 2.4GHz 2.66dBi @ 5GHz	1.41 dB @2.4G 2.17 dB @5G			509
666	High-Tek Electronics Co., Ltd	Main	DQ60ACQD083	-1.63dBi @ 2.4GHz -1.66dBi @ 5GHz	1.86 dB @2.4G 3.07 dB @5G	PIFA	IPEX	759
		Aux	DQ60ACQD083	-1.8dBi @ 2.4GHz -1.14dBi @ 5GHz	1.54 dB @2.4G 2.35 dB @5G			509

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
667	HONG-BO	Main	DQ602378500	-1.53dBi @ 2.4GHz 1.38dBi @ 5GHz	1.75 dB @2.4G 2.64 dB @5G	PIFA	I-PEX ANC01131-451	759
		Aux	DQ602378500	1.73dBi @ 2.4GHz -0.74dBi @ 5GHz	1.4 dB @2.4G 2.20 dB @5G			509
668	Speed	Main	F-0G-FS-6142-001-00	0.11dBi @ 2.4GHz 4.1dBi @ 5GHz	0.72 dB @2.4G 1.14dB @5G	PIFA	IPEX	248
		Aux	F-0G-FS-6142-002-00	-1.08dBi @ 2.4GHz 4.48dBi @ 5GHz	0.58 dB @2.4G 0.9dB @5G			199
669	WNC	Main	81EABW15.G15	0.11dBi @ 2.4GHz 4.1dBi @ 5GHz	0.72 dB @2.4G 1.14dB @5G	PIFA	IPEX	248
		Aux	81EABW15.G16	-1.08dBi @ 2.4GHz 4.48dBi @ 5GHz	0.58 dB @2.4G 0.9dB @5G			199
670	Advanced Wireless & Antenna INC	Main	AYF6Y-100214	1.86dBi @ 2.4GHz 4.09dBi @ 5GHz	0.65 dB @2.4G 1.05dB @5G	PIFA	IPEX	285
		Aux	AYF6Y-100215	1.37dBi @ 2.4GHz 4.15dBi @ 5GHz	0.64 dB @2.4G 1.03dB @5G			280
671	Hong-Bo Corporation	Main	260-29121	1.86dBi @ 2.4GHz 4.09dBi @ 5GHz	0.65 dB @2.4G 1.05dB @5G	PIFA	IPEX	285
		Aux	260-29122	1.37dBi @ 2.4GHz 4.15dBi @ 5GHz	0.64 dB @2.4G 1.03dB @5G			280

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
672	Hong Bo Co., Ltd.	Main	260-29117	0.67dBi @ 2.4GHz 1.55dBi @ 5GHz	0.66 dB @2.4G 1.00dB @5G	PIFA	IPEX	264
		Aux	260-29117	1.74dBi @ 2.4GHz 2.81dBi @ 5GHz	0.62 dB @2.4G 1.06dB @5G			250
673	Wistron Neweb Corporation	Main	81EABW15.G03	0.67dBi @ 2.4GHz 1.55dBi @ 5GHz	0.66 dB @2.4G 1.00dB @5G	PIFA	IPEX	264
		Aux	81EABW15.G03	1.74dBi @ 2.4GHz 2.81dBi @ 5GHz	0.62 dB @2.4G 1.06dB @5G			250
674	WNC	Main	81EABU15.G37	2.23 dBi @ 2.4GHz 0.46 dBi @ 5GHz	1.56 dB @2.4G 2.23 dB @5G	PIFA	I-pex MHF-4L	608.5
		Aux	81EABU15.G38	1.69 dBi @ 2.4GHz 0.02 dBi @ 5GHz	2.09 dB @2.4G 2.97 dB @5G			813.5
675	INPAQ Corporation	Main	14008-04760000 (WA-P-LELE-04-006)	3.14dBi @ 2.4GHz 3.6dBi @ 5GHz	0.44 dB @2.4G 0.73 dB @5G	PIFA	I-PEX MHF-4L	131.6
		Aux	14008-04760000 (WA-P-LELE-04-006)	3.13dBi @ 2.4GHz 3.85dBi @ 5GHz	1.17 dB @2.4G 1.94 dB @5G			347.5
676	INPAQ Corporation	Main	14008-04750200 (WA-P-LELE-04-028)	2.21dBi @ 2.4GHz 3.1dBi @ 5GHz	0.57 dB @2.4G 0.95 dB @5G	PIFA	I-PEX MHF-4L	168
		Aux	14008-04750200 (WA-P-LELE-04-028)	2.31dBi @ 2.4GHz 3.44dBi @ 5GHz	0.59 dB @2.4G 1.00 dB @5G			176.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
677	AWAN	Main	AYP6Y-200056	2.88dBi @ 2.4GHz 3.8dBi @ 5GHz	0.51 dB @2.4G 0.82 dB @5G	PIFA	I-PEX IV	168
		Aux	AYP6Y-200056	2.59dBi @ 2.4GHz 3.09dBi @ 5GHz	0.53 dB @2.4G 0.86 dB @5G			176.5
678	HuiChuang	Main	10.3306.00.001890	2.67dBi @ 2.4G 3.72dBi @ 5G	1dB @ 2.4G 1.5dB @ 5G	PIFA	i-pex(MHF)	190
		Aux	10.3306.00.001880	2.88dBi @ 2.4G 2.38dBi @ 5G	1.6dB @ 2.4G 2.4dB @ 5G			300
679	LUXSHARE-ICT	Main	DC33001YQ00	1.89 dBi @ 2.4GHz 2.98 dBi @ 5GHz	0.09 dB @2.4G 0.14 dB @5G	PIFA	i-pex(MHF)	36.5
		Aux	DC33001YQ10	1.22 dBi @ 2.4GHz 2.64 dBi @ 5GHz	0.7 dB @2.4G 1.06 dB @5G			287
680	INPAQ	Main	DC33001YR00	1.79 dBi @ 2.4GHz 2.73 dBi @ 5GHz	0.1 dB @2.4G 0.16 dB @5G	PIFA	i-pex(MHF)	36.5
		Aux	DC33001YR10	1.64dBi @ 2.4GHz 2.90 dBi @ 5GHz	0.8 dB @2.4G 1.20 dB @5G			287

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
681	LUXSHARE-ICT	Main	DC33001ZW10	1.64dBi @ 2.4GHz 1.94 dBi @ 5GHz	1.32 dB @2.4G 2.07 dB @5G	PIFA	i-pex(MHF)	517
		Aux	DC33001ZW00	1.66 dBi @ 2.4GHz 2.89 dBi @ 5GHz	0.23 dB @2.4G 0.35 dB @5G			80.5
682	ZTX	Main	DC33001ZZ00	-0.45 dBi @ 2.4GHz 2.23 dBi @ 5GHz	1.43 dB @ 2.4GHz 2.24 dB @ 5GHz	PIFA	i-pex(MHF)	517
		Aux	DC33001ZZ10	1.32 dBi @ 2.4GHz 3.00 dBi @ 5GHz	0.25 dB@ 2.4GHz 0.40 dB@ 5GHz			79.5
683	ZTX	Main	DC33001Z900	0.15 dBi @ 2.4GHz 0.71 dBi @ 5GHz	0.98 dB @ 2.4GHz 1.53 dB @ 5GHz	PIFA	i-pex(MHF)	347
		Aux	DC33001Z910	0.26 dBi @ 2.4GHz 0.35 dBi @ 5GHz	1.3 dB @ 2.4GHz 2.09 dB @ 5GHz			464
684	LUXSHARE-ICT	Main	DC33001Z800	1.60 dBi @ 2.4GHz 2.5 dBi @ 5GHz	0.8 dB @ 2.4GHz 1.3 dB @ 5GHz	PIFA	i-pex(MHF)	340
		Aux	DC33001Z810	1.40 dBi @ 2.4GHz 1.8 dBi @ 5GHz	1.11 dB@ 2.4GHz 1.7 dB@ 5GHz			454
685	INNOWAVE	Main	F00192907110003	1.14dBi @ 2.4GHz 2.31dBi@5.8GHz	1.12dB@ 2.4GHz 1.82dB@5.8GHz	PIFA	IPEX 4	352
		Aux	F00192907510003	1.06dBi @ 2.4GHz 2.55dBi@5.8GHz	1.71dB@ 2.4GHz 2.76dB@5.8GHz			534

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
686	INPAQ Technology Co., Ltd.	Main	WA-P-LB-03-188	2.76dBi @ 2.4GHz 3.54dBi@5.6GHz	1.03dB@ 2.4GHz 1.77dB@5.8GHz	PIFA	IPEX 4	363
		Aux	WA-P-LB-02-964	2.28dBi @ 2.4GHz 2.61dBi@5.6GHz	1.55dB@ 2.4GHz 2.31dB@5.8GHz			548
687	INPAQ Technology Co., Ltd.	Main	WA-P-LB-03-189	2.86dBi @ 2.4GHz 3.73dBi @ 5.2GHz	0.71dB@ 2.4GHz 1.17dB@5.8GHz	PIFA	IPEX 4	260
		Aux	WA-P-LB-02-965	2.51dBi @ 2.4GHz 3.35dBi @ 5.2GHz	1.08dB@ 2.4GHz 1.58dB@5.8GHz			442.5
688	INNOWAVE	Main	F00192907110002	1.22dBi @ 2.4GHz 2.31dBi@5.6GHz	0.79dB@ 2.4GHz 1.24dB@5.8GHz	PIFA	IPEX 4	247
		Aux	F00192907510002	1.08dBi @ 2.4GHz 2.28dBi@5.8GHz	1.37dB@ 2.4GHz 2.22dB@5.8GHz			430
689	INNOWAVE	Main	F00192807110001	1.18dBi @ 2.4GHz 2.48dBi @ 5GHz	1.31dB @ 2.4GHz 2.08dB @5GHz	PIFA	IPEX 4	415
		Aux	F00192807510002	1.54dBi @ 2.4GHz 2.08dBi @ 5GHz	1.79dB @ 2.4GHz 2.92dB @ 5GHz			566
690	INPAQ Technology Co., Ltd.	Main	WA-P-LB-03-187	2.62dBi @ 2.4GHz 3.18dBi @5GHz	1.10dB @ 2.4GHz 1.69dB @ 5GHz	PIFA	IPEX 4	430
		Aux	WA-P-LB-01-300	2.72dBi @ 2.4GHz 2.40dBi @ 5GHz	1.58dB @ 2.4GHz 2.29dB @ 5GHz			593

- The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.
- The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

Appendix - Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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