

## Radio Test Report

**Report No.:** RJBARR-WTW-P21030485Q

**Test Model:** MT7922A22M

**Received Date:** 2022/6/6

**Issued Date:** 2022/6/16

**Applicant:** MediaTek Inc.

**Address:** No. 1, Duxing 1st Rd., East District, Hsinchu City 300 Taiwan

**Issued By:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch  
Hsin Chu Laboratory

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Taiwan

**Test Location:** E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300,  
Taiwan



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### Release Control Record

Issue No.	Description	Date Issued
RJBARR-WTW-P21030485Q	Original release	2022/6/16

## 1 Certificate of Conformity

**Product:** 2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card

**Brand:** MediaTek

**Test Model:** MT7922A22M

**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 :**  , **Date:** 2022/6/16  
Claire Kuan / Specialist

**Approved by :**  , **Date:** 2022/6/16  
May Chen / Manager

## 2 General Information

### 2.1 General Description of EUT

Product	2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card
Brand	MediaTek
Test Model	MT7922A22M
Nominal Voltage	3.3Vdc from host equipment
Modulation Type	<b>For WLAN</b> 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 <b>For BT-EDR:</b> GFSK, $\pi/4$ -DQPSK, 8DPSK <b>For BT-LE:</b> GFSK
Modulation Technology	<b>For WLAN:</b> DSSS, OFDM, OFDMA <b>For BT-EDR:</b> FHSS <b>For BT-LE:</b> DTS
Transfer Rate	<b>For WLAN</b> 802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 1733.3 Mbps 802.11ax: up to 2401.9 Mbps <b>For BT-EDR:</b> Up to 3 Mbps <b>For BT-LE:</b> Up to 2 Mbps
Operating Frequency	<b>For WLAN</b> <b>2.4GHz:</b> 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 <b>5GHz:</b> 802.11a/n/ac/ax (W52+W53): 5180 ~ 5320 MHz 802.11a/n/ac/ax (W56): 5500 ~ 5720 MHz <b>For BT:</b> 2402 ~ 2480 MHz
Number of Channel	<b>For WLAN</b> <b>2.4GHz:</b> 802.11b: 14 802.11g/n (HT20), VHT20, 802.11ax (HE20): 13 802.11n (HT40), VHT40, 802.11ax (HE40): 9 <b>5GHz: (W52+W53)</b> 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): 2 802.11ac (VHT160), 802.11ax (HE160): 1 <b>5GHz: (W56)</b> 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): 3 802.11ac (VHT160), 802.11ax (HE160): 1 <b>For BT-EDR:</b> 79 <b>For BT-LE:</b> 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-P21030485J
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.

Original									
Ant. Set	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)	
1	Chain0	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	
	Chain1	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	
2	Chain0	PSA	RFMTA311020EMMB301	1.71 4.82 4.76 4.29 4.61 4.09	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	i-pex(MHF)	200	
	Chain1	PSA	RFMTA311020EMMB301	1.71 4.82 4.76 4.29 4.61 4.09	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	PIFA	i-pex(MHF)	200	
3	Chain0	VSO	JR2Q00340-1	1.62 3.2 3.93 3.61 3.61 3.14	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	RP SMA PLUG	40	
	Chain1	VSO	JR2Q00340-1	1.62 3.2 3.93 3.61 3.61 3.14	2.4~2.4835 5.15~5.85 5.925~6.425 6.425~6.525 6.525~6.875 6.875~7.125	Dipole	RP SMA PLUG	40	
4	Chain0	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	
	Chain1	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
5	AWAN	Main	AYP6Y-100155	1.92 dBi @ 2.4GHz 3.31 dBi @ 5GHz 4.08 dBi @ 5.925~6.425GHz 3.7 dBi @ 6425~6525GHz 3.07 dBi @ 6.525~6.875GHz 3.07 dBi @ 6.875~7.125GHz	0.5 dB @ 2.4G 0.8dB @ 5G 0.8 dB @ 5.925~6.425GHz 0.8 dB @ 6425~6525GHz 0.9 dB @ 6.525~6.875GHz 0.9 dB @ 6.875~7.125GHz	PIFA	IPEX	148
		Aux	AYP6Y-100157	2.96 dBi @ 2.4GHz 2.43 dBi @ 5GHz 2.07 dBi @ 5.925~6.425GHz 1.45 dBi @ 6425~6525GHz 1.91 dBi @ 6.525~6.875GHz 2.27 dBi @ 6.875~7.125GHz	1 dB @ 2.4G 1.5 dB @ 5G 1.6 dB @ 5.925~6.425GHz 1.7 dB @ 6425~6525GHz 1.7 dB @ 6.525~6.875GHz 1.8 dB @ 6.875~7.125GHz			293
6	AWAN	Main	AYP6Y-100156	3.18 dBi @ 2.4GHz 3.47 dBi @ 5GHz 4.02 dBi @ 5.925~6.425GHz 4.02 dBi @ 6425~6525GHz 3.89 dBi @ 6.525~6.875GHz 2.43 dBi @ 6.875~7.125GHz	0.3 dB @ 2.4G 0.5dB @ 5G 0.5 dB @ 5.925~6.425GHz 0.5 dB @ 6425~6525GHz 0.5 dB @ 6.525~6.875GHz 0.6 dB @ 6.875~7.125GHz	PIFA	IPEX	93
		Aux	AYP6Y-100158	3.13 dBi @ 2.4GHz 1.58 dBi @ 5GHz 2.02 dBi @ 5.925~6.425GHz 2.02 dBi @ 6425~6525GHz 1.97 dBi @ 6.525~6.875GHz 2.35 dBi @ 6.875~7.125GHz	1.2 dB @ 2.4G 1.9 dB @ 5G 1.9 dB @ 5.925~6.425GHz 2 dB @ 6425~6525GHz 2.1 dB @ 6.525~6.875GHz 2.2 dB @ 6.875~7.125GHz			353
7	LUXSHAR E-ICT	Main	LA9RF306-CS-H	3.06 dBi @ 2.4GHz 4.87 dBi @ 5GHz 4.66 dBi @ 5.925~6.425GHz 4.21 dBi @ 6425~6525GHz 4.60 dBi @ 6.525~6.875GHz 3.18 dBi @ 6.875~7.125GHz	0.5 dB @ 2.4G 0.8 dB @ 5G 0.8 dB @ 5.925~6.425GHz 0.8 dB @ 6425~6525GHz 0.9 dB @ 6.525~6.875GHz 0.9 dB @ 6.875~7.125GHz	PIFA	IPEX	148
		Aux	LA9RF308-CS-H	2.09 dBi @ 2.4GHz 3.44 dBi @ 5GHz 3.04 dBi @ 5.925~6.425GHz 3.34 dBi @ 6425~6525GHz 3.34 dBi @ 6.525~6.875GHz 2.24 dBi @ 6.875~7.125GHz	1 dB @ 2.4G 1.6 dB @ 5G 1.7 dBi @ 5.925~6.425GHz 1.7 dBi @ 6425~6525GHz 1.8 dBi @ 6.525~6.875GHz 1.9 dBi @ 6.875~7.125GHz			304
8	LUXSHAR E-ICT	Main	LA9RF307-CS-H	3.17 dBi @ 2.4GHz 4.79 dBi @ 5GHz 4.55 dBi @ 5.925~6.425GHz 4.08 dBi @ 6425~6525GHz 3.91 dBi @ 6.525~6.875GHz 3.64 dBi @ 6.875~7.125GHz	0.3 dB @ 2.4G 0.5 dB @ 5G 0.5 dB @ 5.925~6.425GHz 0.5 dB @ 6425~6525GHz 0.5 dB @ 6.525~6.875GHz 0.6 dB @ 6.875~7.125GHz	PIFA	IPEX	93
		Aux	LA9RF309-CS-H	3.17 dBi @ 2.4GHz 3.38 dBi @ 5GHz 3.93 dBi @ 5.925~6.425GHz 3.51 dBi @ 6425~6525GHz 2.4 dBi @ 6.525~6.875GHz 4.08 dBi @ 6.875~7.125GHz	1.2 dB @ 2.4G 1.9 dB @ 5G 1.9 dB @ 5.925~6.425GHz 2 dB @ 6425~6525GHz 2.1 dB @ 6.525~6.875GHz 2.2 dB @ 6.875~7.125GHz			353
9	AWAN	Main	AYP6Y-100159	2.44 dBi @ 2.4GHz 1.92 dBi @ 5GHz 1.93 dBi @ 5.925~6.425GHz 1.93 dBi @ 6425~6525GHz 2.53 dBi @ 6.525~6.875GHz 2.53 dBi @ 6.875~7.125GHz	0.7 dB @ 2.4G 1 dB @ 5G 1.1 dB @ 5.925~6.425GHz 1.1 dB @ 6425~6525GHz 1.2 dB @ 6.525~6.875GHz 1.2 dB @ 6.875~7.125GHz	PIFA	IPEX	200
		Aux	AYP6Y-100161	1.1 dBi @ 2.4GHz 2.63 dBi @ 5GHz 2.54 dBi @ 5.925~6.425GHz 1.4 dBi @ 6425~6525GHz 1.4 dBi @ 6.525~6.875GHz 0.69 dBi @ 6.875~7.125GHz	1.4 dB @ 2.4G 2.1 dB @ 5G 2.2 dB @ 5.925~6.425GHz 2.3 dB @ 6425~6525GHz 2.4 dB @ 6.525~6.875GHz 2.5 dB @ 6.875~7.125GHz			403

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
10	AWAN	Main	AYP6Y-100160	2.55 dBi @ 2.4GHz 2.88 dBi @ 5GHz 2.7 dBi @ 5.925~6.425GHz 2.49 dBi @6425~6525GHz 2.71 dBi @6.525~6.875GHz 2.13 dBi @6.875~7.125GHz	0.5 dB @2.4G 0.7 dB @5G 0.8 dB @5.925~6.425GHz 0.8 dB @6425~6525GHz 0.8 dB @6.525~6.875GHz 0.9 dB @6.875~7.125GHz	PIFA	IPEX	144
		Aux	AYP6Y-100162	1.43 dBi @ 2.4GHz 2.37 dBi @ 5GHz 1.63 dBi @ 5.925~6.425GHz 1.07 dBi @6425~6525GHz 2.38 dBi @6.525~6.875GHz 2.55 dBi @6.875~7.125GHz	1.6 dB @2.4G 2.5 dB @5G 2.6 dB @5.925~6.425GHz 2.7 dB @6425~6525GHz 2.8 dB @6.525~6.875GHz 2.8 dB @6.875~7.125GHz			467
11	LUXSHAR E-ICT	Main	LA9RF310-CS-H	3.17 dBi @ 2.4GHz 4.64 dBi @ 5GHz 4.71 dBi @ 5.925~6.425GHz 3.17 dBi @6425~6525GHz 4.03 dBi @6.525~6.875GHz 4.08 dBi @6.875~7.125GHz	0.7 dB @2.4G 1.1 dB @5G 1.1 dB @5.925~6.425GHz 1.1 dB @6425~6525GHz 1.2 dB @6.525~6.875GHz 1.2 dB @6.875~7.125GHz	PIFA	IPEX	200
		Aux	LA9RF312-CS-H	2.48 dBi @ 2.4GHz 4.63 dBi @ 5GHz 4.72 dBi @ 5.925~6.425GHz 3.12 dBi @6425~6525GHz 1.09 dBi @6.525~6.875GHz 1.81 dBi @6.875~7.125GHz	1.4 dB @2.4G 2.1 dB @5G 2.2 dB @5.925~6.425GHz 2.3 dB @6425~6525GHz 2.4 dB @6.525~6.875GHz 2.5 dB @6.875~7.125GHz			403
12	LUXSHAR E-ICT	Main	LA9RF311-CS-H	2.84 dBi @ 2.4GHz 4.68 dBi @ 5GHz 3.9 dBi @ 5.925~6.425GHz 3.37 dBi @6425~6525GHz 3.37 dBi @6.525~6.875GHz 4.07 dBi @6.875~7.125GHz	0.5 dB @2.4G 0.8 dB @5G 0.8 dB @5.925~6.425GHz 0.8 dB @6425~6525GHz 0.8 dB @6.525~6.875GHz 0.9 dB @6.875~7.125GHz	PIFA	IPEX	144
		Aux	LA9RF313-CS-H	1.9 dBi @ 2.4GHz 3.98 dBi @ 5GHz 2.24 dBi @ 5.925~6.425GHz 1.46 dBi @6425~6525GHz 4.08dBi @6.525~6.875GHz 4.08 dBi @6.875~7.125GHz	1.6 dB @2.4G 2.5 dB @5G 2.6 dB @5.925~6.425GHz 2.7 dB @6425~6525GHz 2.8 dB @6.525~6.875GHz 2.8 dB @6.875~7.125GHz			467
13	INPAQ WIESON	Main	DAM-L14-K1-N0-000-04-02+12G3100050 11AK	1.93dBi @ 2.4GHz 3.83dBi @5GHz 3.16 dBi @ 5.925~6.425GHz 2.57 dBi @6425~6525GHz 3.20 dBi @6.525~6.875GHz 3.13 dBi @6.875~7.125GHz	without cable	Dipole	R-SMA (RF Cable:IPE X)	N/A (RF Cable: 65)
		Aux	DAM-L14-K1-N0-000-04-02+12G3100050 11AK	1.93dBi @ 2.4GHz 3.83dBi @5GHz 3.16 dBi @ 5.925~6.425GHz 2.57 dBi @6425~6525GHz 3.20 dBi @6.525~6.875GHz 3.13 dBi @6.875~7.125GHz				
14	Guan Hong WIESON	Main	13G01004001 1AK+ 12G31000501 1AK	2.23dBi @ 2.4GHz 3.32dBi @5GHz 3.41 dBi @ 5.925~6.425GHz 3.41 dBi @6425~6525GHz 3.36 dBi @6.525~6.875GHz 2.68 dBi @6.875~7.125GHz	without cable	Dipole	R-SMA (RF Cable:IPE X)	220 (RF Cable: 65)
		Aux	13G01004001 1AK+ 12G31000501 1AK	2.23dBi @ 2.4GHz 3.32dBi @5GHz 3.41 dBi @ 5.925~6.425GHz 3.41 dBi @6425~6525GHz 3.36 dBi @6.525~6.875GHz 2.68 dBi @6.875~7.125GHz				



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
15	VSO WIESON	Main	821-111-01210724 +12G3100050 11AK	1.9dBi @ 2.4GHz 3.3dBi @ 5GHz 3.8 dBi @ 5.925~6.425GHz 3.4 dBi @6425~6525GHz 3.5 dBi @6.525~6.875GHz 3.0dBi @6.875~7.125GHz	without cable	Dipole	R-SMA (RF Cable:IPE X (P/N: 20565001 R-13))	15 (RF Cable: 65)
		Aux	821-111-01210724 +12G3100050 11AK	1.9dBi @ 2.4GHz 3.3dBi @ 5GHz 3.8 dBi @ 5.925~6.425GHz 3.4 dBi @6425~6525GHz 3.5 dBi @6.525~6.875GHz 3.0dBi @6.875~7.125GHz		Dipole		15 (RF Cable: 65)
16	WIESON Co., Ltd.	Main	ARY121-0341-013-00 +12G3100050 11AK	2.2 dBi @ 2.4GHz 3.57 dBi @ 5GHz 3.8 dBi @ 5.925~6.425GHz 3.37 dBi @6425~6525GHz 3.45 dBi @6.525~6.875GHz 3.06 dBi @6.875~7.125GHz	without cable	Dipole	R-SMA (RF Cable:IPE X)	N/A (RF Cable: 65)
		Aux	ARY121-0341-013-00 +12G3100050 11AK	2.23 dBi @ 2.4GHz 3.44 dBi @ 5GHz 3.66 dBi @ 5.925~6.425GHz 3.38 dBi @6425~6525GHz 3.36 dBi @6.525~6.875GHz 2.98 dBi @6.875~7.125GHz				
17	WIESON Co., Ltd.	Main	ARY121-0341-011-00 +12G3100050 11AK	2.4 dBi @ 2.4GHz 3.53 dBi @ 5GHz 3.69 dBi @ 5.925~6.425GHz 3.47 dBi @6425~6525GHz 3.39 dBi @6.525~6.875GHz 2.83 dBi @6.875~7.125GHz	without cable	Dipole	R-SMA (RF Cable:IPE X)	N/A (RF Cable: 65)
		Aux	ARY121-0341-011-00 +12G3100050 11AK	2.3 dBi @ 2.4GHz 3.55 dBi @ 5GHz 3.63 dBi @ 5.925~6.425GHz 3.46 dBi @6425~6525GHz 3.36 dBi @6.525~6.875GHz 2.84 dBi @6.875~7.125GHz				
18	WIESON Co., Ltd.	Main	ARY196-0341-003-00	1.59 dBi @ 2.4GHz 3.44 dBi @ 5GHz 3.24 dBi @ 5.925~6.425GHz 3.11 dBi @6425~6525GHz 3.30 dBi @6.525~6.875GHz 3.26 dBi @6.875~7.125GHz	0.76 dB @2.4G 1.22 dB @5G 1.26 dB @ 5.925~6.425GHz 1.26 dB @6425~6525GHz 1.26 dB @6.525~6.875GHz 1.33 dB @6.875~7.125GHz	PIFA	i-pex(MHF)	160
		Aux	ARY196-0341-004-00	1.67 dBi @ 2.4GHz 3.75 dBi @ 5GHz 3.07 dBi @ 5.925~6.425GHz 2.34 dBi @6425~6525GHz 3.14 dBi @6.525~6.875GHz 3.01 dBi @6.875~7.125GHz	0.94 dB @2.4G 1.47 dB @5G 1.88 dB @ 5.925~6.425GHz 1.88 dB @6425~6525GHz 1.97 dB @6.525~6.875GHz 2.16 dB @6.875~7.125GHz			210

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
19	INPAQ	Main	DAM-J8-K1-DB-800-10-25	2.32dBi @ 2.4GHz 2.82dBi @ 5GHz 2.97 dBi @ 5.925~6.425GHz 2.64 dBi @6425~6525GHz 2.64 dBi @6.525~6.875GHz 2.57 dBi @6.875~7.125GHz	1.62 dB @2.4G 2.69dB @5G 2.87 dB @ 5.925~6.425GHz 2.90 dB @6425~6525GHz 3.02 dB @6.525~6.875GHz 3.15 dB @6.875~7.125GHz	PIFA	SMA RP PLUG (RF Cable: I-PEX MHF 4)	800 (RF Cable: 60)
		Aux	DAM-J8-K1-DB-800-10-25	2.38 dBi @ 2.4GHz 2.97 dBi @ 5GHz 2.98 dBi @ 5.925~6.425GHz 2.96 dBi @6425~6525GHz 2.84 dBi @6.525~6.875GHz 2.82 dBi @6.875~7.125GHz	1.7 dB @2.4G 2.51dB @5G 2.87 dB @ 5.925~6.425GHz 2.90 dBi@6425~6525GHz 3.02 dB @6.525~6.875GHz 3.15 dB @6.875~7.125GHz			
20	INPAQ	Main	DAM-J9-K1-DB-800-10-70	2.25 dBi @ 2.4GHz 2.79 dBi @ 5GHz 2.89 dBi @ 5.925~6.425GHz 2.94 dBi @6425~6525GHz 2.95 dBi @6.525~6.875GHz 2.97 dBi @6.875~7.125GHz	1.58 dB @2.4G 2.61dB @5G 2.87 dB @ 5.925~6.425GHz 2.90 dB @6425~6525GHz 3.02 dB @6.525~6.875GHz 3.15 dB @6.875~7.125GHz	PIFA	SMA RP PLUG (RF Cable: I-PEX MHF 4)	800 (RF Cable: 60)
		Aux	DAM-J9-K1-DB-800-10-70	2.30 dBi @ 2.4GHz 2.99 dBi @ 5GHz 2.85 dBi @ 5.925~6.425GHz 3.09 dBi @6425~6525GHz 3.11 dBi @6.525~6.875GHz 3.14 dBi @6.875~7.125GHz	1.7 dB @2.4G 2.61dB @5G 2.87 dB @ 5.925~6.425GHz 2.90 dB @6425~6525GHz 3.02 dB @6.525~6.875GHz 3.15 dB @6.875~7.125GHz			
21	HongBo Corporation	Main	260-28175	3dBi @ 2.4GHz 4.72dBi @ 5GHz 4.61dBi @ 5.925~6.425GHz 3.91 dBi @6425~6525GHz 4.36dBi @6.525~6.875GHz 2.23 dBi @6.875~7.125GHz	1.28 dB @2.4G 2.4dB @5G 2.6 dB @ 5.925~6.425GHz 2.8 dB @6425~6525GHz 3 dB @6.525~6.875GHz 3.2 dB @6.875~7.125GHz	PIFA	IPEX 4L	500
		Aux	260-28182	2.78dBi @ 2.4GHz 4.7dBi @ 5GHz 4.55 dBi @ 5.925~6.425GHz 3.69 dBi @6425~6525GHz 3.69 dBi @6.525~6.875GHz 3.4 dBi @6.875~7.125GHz	0.45 dB @2.4G 0.74dB @5G 0.76 dB @ 5.925~6.425GHz 0.78 dB @6425~6525GHz 0.8 dB @6.525~6.875GHz 0.82 dB @6.875~7.125GHz			180
22	Luxshare-ICT Corporation	Main	L01RF135-DT-H	2.92dBi @ 2.4GHz 4.48dBi @ 5GHz 4.41 dBi @ 5.925~6.425GHz 2.73 dBi @6425~6525GHz 3.92 dBi @6.525~6.875GHz 4.07dBi @6.875~7.125GHz	1.23 dB @2.4G 1.92 dB @5G 1.98 dB @ 5.925~6.425GHz 1.99 dB @6425~6525GHz 2.00 dB @6.525~6.875GHz 2.01 dB @6.875~7.125GHz	PIFA	IPEX4	500
		Aux	L01RF134-DT-H	2.34dBi @ 2.4GHz 4.72 dBi @ 5GHz 4.51 dBi @ 5.925~6.425GHz 4.24 dBi @6425~6525GHz 4.24 dBi @6.525~6.875GHz 3.16 dBi @6.875~7.125GHz	0.64 dB @2.4G 0.99 dB @5G 1.03 dB @ 5.925~6.425GHz 1.03 dB @6425~6525GHz 1.04 dB @6.525~6.875GHz 1.04 dB @6.875~7.125GHz			260
23	HongBo	Main	260-28185	3.00 dBi @ 2.4GHz 4.87 dBi @ 5GHz 4.71 dBi @ 5.925~6.425GHz 3.95 dBi @6425~6525GHz 3.31 dBi @6.525~6.875GHz 3.43 dBi @6.875~7.125GHz	1.25 dB @2.4G 2.1 dB @5G 2.2 dB @ 5.925~6.425GHz 2.3 dB @6425~6525GHz 2.4 dB @6.525~6.875GHz 2.5 dB @6.875~7.125GHz	PIFA	IPEX4	500
		Aux	260-28184	2.71dBi @ 2.4GHz 4.34 dBi @ 5GHz 4 dBi @ 5.925~6.425GHz 4 dBi @6425~6525GHz 1.55 dBi @6.525~6.875GHz 1.88 dBi @6.875~7.125GHz	0.8 dB @2.4G 1.3 dB @5G 1.4 dB @ 5.925~6.425GHz 1.5 dB @6425~6525GHz 1.6 dB @6.525~6.875GHz 1.7 dB @6.875~7.125GHz			320

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
24	Luxshare-ICT Corporation	Main	L01RF137-DT-H	2.13 dBi @ 2.4GHz 4.36 dBi @ 5GHz 4.17 dBi @ 5.925~6.425GHz 3.21 dBi @6425~6525GHz 3.19 dBi @6.525~6.875GHz 3.32 dBi @6.875~7.125GHz	1.23 dB @2.4G 1.92 dB @5G 1.98 dB @ 5.925~6.425GHz 1.99 dB @6425~6525GHz 2.00 dB @6.525~6.875GHz 2.01 dB @6.875~7.125GHz	PIFA	IPEX4	500
		Aux	L01RF136-DT-H	2.33dBi @ 2.4GHz 3.88 dBi @ 5GHz 2.99dBi @ 5.925~6.425GHz 2.33 dBi @6425~6525GHz 1.49 dBi @6.525~6.875GHz 1.47 dBi @6.875~7.125GHz	0.78 dB @2.4G 1.22 dB @5G 1.27 dB @ 5.925~6.425GHz 1.27 dB @6425~6525GHz 1.28 dB @6.525~6.875GHz 1.28 dB @6.875~7.125GHz			320
25	HONGBO	Main	260-28173+260-28095	2.38 dBi @ 2.4GHz 3.85 dBi @ 5GHz 3.7 dBi @ 5.925~6.425GHz 3.44 dBi @6425~6525GHz 3.54 dBi @6.525~6.875GHz 3.11 dBi @6.875~7.125GHz	0.48 dB @2.4G 0.80 dB @5G 0.86 dB @ 5.925~6.425GHz 0.87 dB @6425~6525GHz 0.92 dB @6.525~6.875GHz 0.95 dB @6.875~7.125GHz	Dipole	R-SMA (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	260-28186	2.6 dBi @ 2.4GHz 2.77 dBi @ 5GHz 2.27dBi @ 5.925~6.425GHz 2.35 dBi @6425~6525GHz 2.63 dBi @6.525~6.875GHz 2.94 dBi @6.875~7.125GHz	0.20 dB @2.4G 0.33 dB @5G 0.33 dB @ 5.925~6.425GHz 0.34 dB @6425~6525GHz 0.34 dB @6.525~6.875GHz 0.35 dB @6.875~7.125GHz	PIFA	IPEX 4L	55
26	HONGBO	Main	260-28173+260-28095	2.38 dBi @ 2.4GHz 3.85 dBi @ 5GHz	0.48 dB @2.4G 0.8 dB @5G	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	260-28174	0.70 dBi @ 2.4GHz 1.25 dBi @ 5GHz	0.20 dB @2.4G 0.32 dB @5G	PIFA	IPEX 4L	55
27	LUXSHAR E-ICT	Main	L01RF138-DT-H + L01RF062-DT-R	2.48 dBi @ 2.4GHz 4.32 dBi @ 5GHz 4.52 dBi @ 5.925~6.425GHz 1.52 dBi @6425~6525GHz 0.89 dBi @6.525~6.875GHz 1.79 dBi @6.875~7.125GHz	0.47 dB @2.4G 0.71 dB @5G 0.74 dB @ 5.925~6.425GHz 0.75 dB @6425~6525GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	PIFA	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	L01RF297-CS-H	-0.13 dBi @ 2.4GHz 4.25 dBi @ 5GHz 3.84 dBi @ 5.925~6.425GHz 3.28 dBi @6425~6525GHz 4.45 dBi @6.525~6.875GHz 2.14 dBi @6.875~7.125GHz	0.14 dB @2.4G 0.21 dB @5G 0.22 dB @ 5.925~6.425GHz 0.22 dB @6425~6525GHz 0.23 dB @6.525~6.875GHz 0.23 dB @6.875~7.125GHz		IPEX 4L	45.5
28	LUXSHAR E-ICT	Main	L01RF138-DT-H + L01RF062-DT-R	2.48 dBi @ 2.4GHz 4.32 dBi @ 5GHz	0.47 dB @2.4G 0.71 dB @5G	PIFA	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	L20RF037-YT-H	0.97dBi @ 2.4GHz 4.38 dBi @ 5GHz	0.16 dB @2.4G 0.25 dB @5G		IPEX 4L	54.2

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
29	Luxshare-ICT Corporation	Main	L01RF062-DT-R+ L01RF138-DT-H	3.03dBi @ 2.4GHz 4.29 dBi @ 5GHz 3.93 dBi @ 5.925~6.425GHz 3.86 dBi @ 6.425~6.875GHz 4.59 dBi @ 6.525~6.875GHz 3.65 dBi @ 6.875~7.125GHz	0.47 dB @2.4G 0.73 dB @5G 0.75 dB @ 5.925~6.425GHz 0.75 dB @6.425~6.875GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	PIFA	R-SMA (RF Cable: IPEX4)	N/A (RF Cable: 190)
		Aux	L01RF129-DT-H	2.49 dBi @ 2.4GHz 3.53 dBi @ 5GHz 4.23 dBi @ 5.925~6.425GHz 3.37 dBi @6.425~6.875GHz 2.51 dBi @6.525~6.875GHz 2.87 dBi @6.875~7.125GHz	0.55 dB @2.4G 0.86 dB @5G 0.89 dB @ 5.925~6.425GHz 0.89 dB @6.425~6.875GHz 0.90 dB @6.525~6.875GHz 0.90 dB @6.875~7.125GHz		IPEX4	225
30	Luxshare-ICT Corporation	Main	L01RF062-DT-R+ L01RF138-DT-H	3.03 dBi @ 2.4GHz 4.29 dBi @ 5GHz 3.93 dBi @ 5.925~6.425GHz 3.86 dBi @ 6.425~6.875GHz 4.59 dBi @ 6.525~6.875GHz 3.65 dBi @ 6.875~7.125GHz	0.47 dB @2.4G 0.73 dB @5G 0.75 dB @ 5.925~6.425GHz 0.75 dB @6.425~6.875GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	PIFA	R-SMA (RF Cable: IPEX4)	N/A (RF Cable: 190)
		Aux	L01RF312-DT-H	1.16 dBi @ 2.4GHz 4.34 dBi @ 5GHz 4.18 dBi @ 5.925~6.425GHz 2.11 dBi @6.425~6.875GHz 3.53 dBi @6.525~6.875GHz 4.05 dBi @6.875~7.125GHz	0.55 dB @2.4G 0.86 dB @5G 0.89 dB @ 5.925~6.425GHz 0.89 dB @6.425~6.875GHz 0.90dB @6.525~6.875GHz 0.90 dB @6.875~7.125GHz		IPEX4	225
31	HongBO	Main	260-28173+ 260-28095	2.30 dBi @ 2.4GHz 1.29 dBi @ 5GHz 2.59dBi @ 5.925~6.425GHz 1.9 dBi @6.425~6.875GHz 2.86 dBi @6.525~6.875GHz 2.84 dBi @6.875~7.125GHz	0.47 dB @2.4G 0.73dB @5G 0.75 dB @ 5.925~6.425GHz 0.75 dB @6.425~6.875GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	Luxshare-ICT Corporation	Aux	L01RF129-DT-H	2.49 dBi @ 2.4GHz 3.53 dBi @ 5GHz 4.23 dBi @ 5.925~6.425GHz 3.37 dBi @6.425~6.875GHz 2.51 dBi @6.525~6.875GHz 2.87 dBi @6.875~7.125GHz	0.55 dB @2.4G 0.86 dB @5G 0.89 dB @ 5.925~6.425GHz 0.89 dB @6.425~6.875GHz 0.90 dB @6.525~6.875GHz 0.90 dB @6.875~7.125GHz		IPEX 4L	225
32	HongBO	Main	260-28173+ 260-28095	2.3 dBi @ 2.4GHz 1.29 dBi @ 5GHz 2.59dBi @ 5.925~6.425GHz 1.9 dBi @6.425~6.875GHz 2.86 dBi @6.525~6.875GHz 2.84 dBi @6.875~7.125GHz	0.47 dB @2.4G 0.73dB @5G 0.75 dB @ 5.925~6.425GHz 0.75 dB @6.425~6.875GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	Luxshare-ICT Corporation	Aux	L01RF312-DT-H	1.16 dBi @ 2.4GHz 4.34 dBi @ 5GHz 4.18 dBi @ 5.925~6.425GHz 2.11 dBi @6.425~6.875GHz 3.53 dBi @6.525~6.875GHz 4.05 dBi @6.875~7.125GHz	0.55 dB @2.4G 0.86 dB @5G 0.89 dB @ 5.925~6.425GHz 0.89 dB @6.425~6.875GHz 0.90dB @6.525~6.875GHz 0.90 dB @6.875~7.125GHz		IPEX 4L	225
33	HongBo Corporation	Main	260-28175	3.0 dBi @ 2.4GHz 4.72dBi @ 5GHz 4.61 dBi @ 5.925~6.425GHz 3.91 dBi @6.425~6.875GHz 4.36 dBi @6.525~6.875GHz 2.23 dBi @6.875~7.125GHz	1.28 dB @2.4G 2.4dB @5G 2.6 dB @ 5.925~6.425GHz 2.8 dB @6.425~6.875GHz 3 dB @6.525~6.875GHz 3.2 dB @6.875~7.125GHz	PIFA	IPEX 4L	500
		Aux	260-28183	2.68dBi @ 2.4GHz 4.39dBi @ 5GHz 3.86 dBi @ 5.925~6.425GHz 3.4 dBi @6.425~6.875GHz 4.31 dBi @6.525~6.875GHz 3.7dBi @6.875~7.125GHz	0.66 dB @2.4G 0.9 dB @5G 1.14 dB @ 5.925~6.425GHz 1.2 dB @6.425~6.875GHz 1.3 dB @6.525~6.875GHz 1.4 dB @6.875~7.125GHz			260

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
34	HongBO Luxshare-ICT Corporation	Main	260-28095+ L01RF138-DT-H	3.03 dBi @ 2.4GHz 4.29 dBi @ 5GHz 3.93 dBi @ 5.925~6.425GHz 3.86 dBi @ 6.425~6.525GHz 4.59 dBi @ 6.525~6.875GHz 3.65 dBi @ 6.875~7.125GHz	0.47 dB @2.4G 0.73 dB @5G 0.75 dB @ 5.925~6.425GHz 0.75 dB @6.425~6.525GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	PIFA	R-SMA Plug (RF Cable: IPEX4)	N/A (RF Cable: 190)
		Aux	L01RF129-DT-H	2.49 dBi @ 2.4GHz 3.53 dBi @ 5GHz 4.23 dBi @ 5.925~6.425GHz 3.37 dBi @6.425~6.525GHz 2.51 dBi @6.525~6.875GHz 2.87 dBi @6.875~7.125GHz	0.55 dB @2.4G 0.86 dB @5G 0.89 di @ 5.925~6.425GHz 0.89 dB @6.425~6.525GHz 0.90 dB @6.525~6.875GHz 0.90 dB @6.875~7.125GHz		IPEX4	225
35	HongBO Luxshare-ICT Corporation	Main	260-28095+ L01RF138-DT-H	3.03 dBi @ 2.4GHz 4.29 dBi @ 5GHz 3.93 dBi @ 5.925~6.425GHz 3.86 dBi @ 6.425~6.525GHz 4.59 dBi @ 6.525~6.875GHz 3.65 dBi @ 6.875~7.125GHz	0.47 dB @2.4G 0.73 dB @5G 0.75 dB @ 5.925~6.425GHz 0.75 dB @6.425~6.525GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	PIFA	R-SMA Plug (RF Cable: IPEX4)	N/A (RF Cable: 190)
		Aux	L01RF312-DT-H	1.16 dBi @ 2.4GHz 4.34 dBi @ 5GHz 4.18 dBi @ 5.925~6.425GHz 2.11 dBi @6.425~6.525GHz 3.53 dBi @6.525~6.875GHz 4.05dBi @6.875~7.125GHz	0.55 dB @2.4G 0.86 dB @5G 0.89 dB @ 5.925~6.425GHz 0.89 dB @6.425~6.525GHz 0.90 dB @6.525~6.875GHz 0.90 dB @6.875~7.125GHz		IPEX4	225
36	HongBO Luxshare-ICT Corporation	Main	L01RF062-DT-R+ 260-28173	2.30 dBi @ 2.4GHz 1.29 dBi @ 5GHz 2.59dBi @ 5.925~6.425GHz 1.9 dBi @6.425~6.525GHz 2.86 dBi @6.525~6.875GHz 2.84 dBi @6.875~7.125GHz	0.47 dB @2.4G 0.73dB @5G 0.75 dB @ 5.925~6.425GHz 0.75 dB @6.425~6.525GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	L01RF129-DT-H	2.49 dBi @ 2.4GHz 3.53 dBi @ 5GHz 4.23 dBi @ 5.925~6.425GHz 3.37 dBi @6.425~6.525GHz 2.51 dBi @6.525~6.875GHz 2.87 dBi @6.875~7.125GHz	0.55 dB @2.4G 0.86 dB @5G 0.89 dB @ 5.925~6.425GHz 0.89 dB @6.425~6.525GHz 0.90 dB @6.525~6.875GHz 0.90 dB @6.875~7.125GHz	PIFA	IPEX 4L	225
37	HongBO Luxshare-ICT Corporation	Main	L01RF062-DT-R+ 260-28173	2.30 dBi @ 2.4GHz 1.29 dBi @ 5GHz 2.59dBi @ 5.925~6.425GHz 1.9 dBi @6.425~6.525GHz 2.86 dBi @6.525~6.875GHz 2.84 dBi @6.875~7.125GHz	0.47 dB @2.4G 0.73dB @5G 0.75 dB @ 5.925~6.425GHz 0.75 dB @6.425~6.525GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	L01RF312-DT-H	1.16 dBi @ 2.4GHz 4.34 dBi @ 5GHz 4.18 dBi @ 5.925~6.425GHz 2.11 dBi @6.425~6.525GHz 3.53 dBi @6.525~6.875GHz 4.05 dBi @6.875~7.125GHz	0.55 dB @2.4G 0.86 dB @5G 0.89 dB @ 5.925~6.425GHz 0.89 dB @6.425~6.525GHz 0.9dB @6.525~6.875GHz 0.9 dB @6.875~7.125GHz	PIFA	IPEX 4L	225
38	HongBo Corporation	Main	260-28175	3.0 dBi @ 2.4GHz 4.72dBi @ 5GHz 4.61 dBi @ 5.925~6.425GHz 3.91 dBi @6.425~6.525GHz 4.36 dBi @6.525~6.875GHz 2.23 dBi @6.875~7.125GHz	1.28 dB @2.4G 2.4dB @5G 2.6 dB @ 5.925~6.425GHz 2.8 dB @6.425~6.525GHz 3 dB @6.525~6.875GHz 3.2 dB @6.875~7.125GHz	PIFA	IPEX 4L	500
	Luxshare-ICT Corporation	Aux	L01RF134-DT-H	2.34dBi @ 2.4GHz 4.72 dBi @ 5GHz 4.51 dBi @ 5.925~6.425GHz 4.24 dBi @6.425~6.525GHz 4.24 dBi @6.525~6.875GHz 3.16 dBi @6.875~7.125GHz	0.64 dB @2.4G 0.99 dB @5G 1.03 dB @ 5.925~6.425GHz 1.03 dB @6.425~6.525GHz 1.04 dB @6.525~6.875GHz 1.04 dB @6.875~7.125GHz			260

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
39	Luxshare-ICT Corporation	Main	L01RF135-DT-H	2.92dBi @ 2.4GHz 4.48dBi @ 5GHz 4.41 dBi @ 5.925~6.425GHz 2.73 dBi @6425~6525GHz 3.92 dBi @6.525~6.875GHz 4.07dBi @6.875~7.125GHz	1.23 dB @2.4G 1.92 dB @5G 1.98 dB @ 5.925~6.425GHz 1.99 dB @6425~6525GHz 2.00 dB @6.525~6.875GHz 2.01 dB @6.875~7.125GHz	PIFA	IPEX4	500
	HongBo Corporation	Aux	260-28182	2.78dBi @ 2.4GHz 4.7dBi @ 5GHz 4.55 dBi @ 5.925~6.425GHz 3.69 dBi @6425~6525GHz 3.69 dBi @6.525~6.875GHz 3.4 dBi @6.875~7.125GHz	0.45 dB @2.4G 0.74dB @5G 0.76 dB @ 5.925~6.425GHz 0.78 dB @6425~6525GHz 0.8 dB @6.525~6.875GHz 0.82 dB @6.875~7.125GHz			180
40	Luxshare-ICT Corporation	Main	L01RF135-DT-H	2.92dBi @ 2.4GHz 4.48dBi @ 5GHz 4.41 dBi @ 5.925~6.425GHz 2.73 dBi @6425~6525GHz 3.92 dBi @6.525~6.875GHz 4.07 dBi @6.875~7.125GHz	1.23 dB @2.4G 1.92 dB @5G 1.98 dB @ 5.925~6.425GHz 1.99 dB @6425~6525GHz 2.00 dB @6.525~6.875GHz 2.01 dB @6.875~7.125GHz	PIFA	IPEX4	500
	HongBo Corporation	Aux	260-28183	2.68dBi @ 2.4GHz 4.39dBi @ 5GHz 3.86 dBi @ 5.925~6.425GHz 3.4 dBi @6425~6525GHz 4.31 dBi @6.525~6.875GHz 3.7dBi @6.875~7.125GHz	0.66 dB @2.4G 0.9 dB @5G 1.14 dB @ 5.925~6.425GHz 1.2 dB @6425~6525GHz 1.3 dB @6.525~6.875GHz 1.4 dB @6.875~7.125GHz			260
41	HongBo	Main	260-28185	3.00 dBi @ 2.4GHz 4.87 dBi @ 5GHz 4.71 dBi @ 5.925~6.425GHz 3.95 dBi @6425~6525GHz 3.31 dBi @6.525~6.875GHz 3.43 dBi @6.875~7.125GHz	1.25 dB @2.4G 2.1 dB @5G 2.2 dB @ 5.925~6.425GHz 2.3 dB @6425~6525GHz 2.4 dB @6.525~6.875GHz 2.5 dB @6.875~7.125GHz	PIFA	IPEX4	500
	Luxshare-ICT Corporation	Aux	L01RF136-DT-H	2.33dBi @ 2.4GHz 3.88 dBi @ 5GHz 2.99dBi @ 5.925~6.425GHz 2.33 dBi @6425~6525GHz 1.49 dBi @6.525~6.875GHz 1.47 dBi @6.875~7.125GHz	0.78 dB @2.4G 1.22 dB @5G 1.27 dB @ 5.925~6.425GHz 1.27 dB @6425~6525GHz 1.28 dB @6.525~6.875GHz 1.28 dB @6.875~7.125GHz			320
42	Luxshare-ICT Corporation	Main	L01RF137-DT-H	2.13 dBi @ 2.4GHz 4.36 dBi @ 5GHz 4.17 dBi @ 5.925~6.425GHz 3.21 dBi @6425~6525GHz 3.19 dBi @6.525~6.875GHz 3.32 dBi @6.875~7.125GHz	1.23 dB @2.4G 1.92 dB @5G 1.98 dB @ 5.925~6.425GHz 1.99 dB @6425~6525GHz 2.00 dB @6.525~6.875GHz 2.01 dB @6.875~7.125GHz	PIFA	IPEX4	500
	HongBo Corporation	Aux	260-28184	2.71dBi @ 2.4GHz 4.34 dBi @ 5GHz 4 dBi @ 5.925~6.425GHz 4 dBi @6425~6525GHz 1.55 dBi @6.525~6.875GHz 1.88 dBi @6.875~7.125GHz	0.8 dB @2.4G 1.3 dB @5G 1.4 dB @ 5.925~6.425GHz 1.5 dB @6425~6525GHz 1.6 dB @6.525~6.875GHz 1.7 dB @6.875~7.125GHz			320
43	LUXSHAR E-ICT	Main	L01RF138-DT-H + L01RF062-DT-R	2.48 dBi @ 2.4GHz 4.32 dBi @ 5GHz 4.52 dBi @ 5.925~6.425GHz 1.52 dBi @6425~6525GHz 0.89 dBi @6.525~6.875GHz 1.79 dBi @6.875~7.125GHz	0.47 dB @2.4G 0.71 dB @5G 0.74 dB @ 5.925~6.425GHz 0.75 dB @6425~6525GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	PIFA	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	HONGBO	Aux	260-28186	2.6 dBi @ 2.4GHz 2.77 dBi @ 5GHz 2.27dBi @ 5.925~6.425GHz 2.35 dBi @6425~6525GHz 2.63 dBi @6.525~6.875GHz 2.94 dBi @6.875~7.125GHz	0.20 dB @2.4G 0.33 dB @5G 0.33 dB @ 5.925~6.425GHz 0.34 dB @6425~6525GHz 0.34 dB @6.525~6.875GHz 0.35 dB @6.875~7.125GHz		IPEX 4L	55



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
44	HONGBO	Main	260-28173+260-28095	2.38 dBi @ 2.4GHz 3.85 dBi @ 5GHz 3.7 dBi @ 5.925~6.425GHz 3.44 dBi @6425~6525GHz 3.54 dBi @6.525~6.875GHz 3.11 dBi @6.875~7.125GHz	0.48 dB @2.4G 0.80 dB @5G 0.86 dB @ 5.925~6.425GHz 0.87 dB @6425~6525GHz 0.92 dB @6.525~6.875GHz 0.95 dB @6.875~7.125GHz	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	LUXSHAR E-ICT	Aux	L01RF297-CS-H	-0.13 dBi @2.4G 4.25 dBi @5G 3.84 dBi @ 5.925~6.425GHz 3.28 dBi@6425~6525GHz 4.45 dBi @6.525~6.875GHz 2.14 dBi @6.875~7.125GHz	0.14 dB @2.4G 0.21 dB @5G 0.22 dB @ 5.925~6.425GHz 0.22 dB @6425~6525GHz 0.23 dB @6.525~6.875GHz 0.23 dB @6.875~7.125GHz	PIFA	IPEX 4L	45.5
45	HONGBO	Main	L01RF062-DT-R +260-28173	2.38 dBi @ 2.4GHz 3.85 dBi @ 5GHz 3.7 dBi @ 5.925~6.425GHz 3.44 dBi @6425~6525GHz 3.54 dBi @6.525~6.875GHz 3.11 dBi @6.875~7.125GHz	0.48 dB @2.4G 0.80 dB @5G 0.86 dB @ 5.925~6.425GHz 0.87 dB @6425~6525GHz 0.92 dB @6.525~6.875GHz 0.95 dB @6.875~7.125GHz	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	LUXSHAR E-ICT	Aux	L01RF297-CS-H	-0.13 dBi @2.4G 4.25 dBi @5G 3.84 dBi @ 5.925~6.425GHz 3.28 dBi@6425~6525GHz 4.45 dBi @6.525~6.875GHz 2.14 dBi @6.875~7.125GHz	0.14 dB @2.4G 0.21 dB @5G 0.22 dB @ 5.925~6.425GHz 0.22 dB @6425~6525GHz 0.23 dB @6.525~6.875GHz 0.23 dB @6.875~7.125GHz	PIFA	IPEX 4L	45.5
46	LUXSHAR E-ICT	Main	L01RF138-DT-H + 260-28095	2.48 dBi @ 2.4GHz 4.32 dBi @ 5GHz 4.52 dBi @ 5.925~6.425GHz 1.52 dBi @6425~6525GHz 0.89 dBi @6.525~6.875GHz 1.79 dBi @6.875~7.125GHz	0.47 dB @2.4G 0.71 dB @5G 0.74 dB @ 5.925~6.425GHz 0.75 dB @6425~6525GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	PIFA	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	HONGBO	Aux	260-28186	2.6 dBi @ 2.4GHz 2.77 dBi @ 5GHz 2.27dBi @ 5.925~6.425GHz 2.35 dBi @6425~6525GHz 2.63 dBi @6.525~6.875GHz 2.94 dBi @6.875~7.125GHz	0.20 dB @2.4G 0.33 dB @5G 0.33 dB @ 5.925~6.425GHz 0.34 dB @6425~6525GHz 0.34 dB @6.525~6.875GHz 0.35 dB @6.875~7.125GHz		IPEX 4L	55
47	LUXSHAR E-ICT	Main	260-28173+ L01RF062-DT-R	2.38 dBi @ 2.4GHz 3.85 dBi @ 5GHz 3.7 dBi @ 5.925~6.425GHz 3.44 dBi @6425~6525GHz 3.54 dBi @6.525~6.875GHz 3.11 dBi @6.875~7.125GHz	0.48 dB @2.4G 0.80 dB @5G 0.86 dB @ 5.925~6.425GHz 0.87 dB @6425~6525GHz 0.92 dB @6.525~6.875GHz 0.95 dB @6.875~7.125GHz	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	HONGBO	Aux	260-28186	2.6 dBi @ 2.4GHz 2.77 dBi @ 5GHz 2.27dBi @ 5.925~6.425GHz 2.35 dBi @6425~6525GHz 2.63 dBi @6.525~6.875GHz 2.94 dBi @6.875~7.125GHz	0.20 dB @2.4G 0.33 dB @5G 0.33 dB @ 5.925~6.425GHz 0.34 dB @6425~6525GHz 0.34 dB @6.525~6.875GHz 0.35 dB @6.875~7.125GHz	PIFA	IPEX 4L	55

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
48	LUXSHAR E-ICT HONGBO	Main	L01RF138-DT-H +260-28095	2.48 dBi @ 2.4GHz 4.32 dBi @ 5GHz 4.52 dBi @ 5.925~6.425GHz 1.52 dBi @6425~6525GHz 0.89 dBi @6.525~6.875GHz 1.79 dBi @6.875~7.125GHz	0.47 dB @2.4G 0.71 dB @5G 0.74 dB @ 5.925~6.425GHz 0.75 dB @6425~6525GHz 0.76 dB @6.525~6.875GHz 0.76 dB @6.875~7.125GHz	PIFA	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	L01RF297-CS-H	-0.13 dBi @ 2.4GHz 4.25 dBi @ 5GHz 3.84 dBi @ 5.925~6.425GHz 3.28 dBi @6425~6525GHz 4.45 dBi @6.525~6.875GHz 2.14 dBi @6.875~7.125GHz	0.14 dB @2.4G 0.21 dB @5G 0.22 dB @ 5.925~6.425GHz 0.22 dB @6425~6525GHz 0.23 dB @6.525~6.875GHz 0.23 dB @6.875~7.125GHz		IPEX 4L	45.5
49	LUXSHAR E-ICT	Main	L01RF138-DT-H + L01RF062-DT-R	2.48 dBi @ 2.4GHz 4.32 dBi @ 5GHz	0.47 dB @2.4G 0.71 dB @5G	PIFA	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	HONGBO	Aux	260-28174	0.70 dBi @ 2.4GHz 1.25 dBi @ 5GHz	0.20 dB @2.4G 0.32 dB @5G		IPEX 4L	55
50	HONGBO	Main	260-28173+260-28095	2.38 dBi @ 2.4GHz 3.85 dBi @ 5GHz	0.48 dB @2.4G 0.80 dB @5G	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	LUXSHAR E-ICT	Aux	L20RF037-YT-H	0.97dBi @ 2.4GHz 4.38 dBi @ 5GHz	0.16 dB @2.4G 0.25 dB @5G	PIFA	IPEX 4L	54.2
51	HONGBO	Main	260-28173+L01RF062-DT-R	2.38 dBi @ 2.4GHz 3.85 dBi @ 5GHz	0.48 dB @2.4G 0.80 dB @5G	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	LUXSHAR E-ICT	Aux	L20RF037-YT-H	0.97dBi @ 2.4GHz 4.38 dBi @ 5GHz	0.16 dB @2.4G 0.25 dB @5G	PIFA	IPEX 4L	54.2
52	LUXSHAR E-ICT	Main	L01RF138-DT-H + 260-28095	2.48 dBi @ 2.4GHz 4.32 dBi @ 5GHz	0.47 dB @2.4G 0.71 dB @5G	PIFA	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
	HONGBO	Aux	260-28174	0.70 dBi @ 2.4GHz 1.25 dBi @ 5GHz	0.20 dB @2.4G 0.32 dB @5G		IPEX 4L	55
53	HONGBO	Main	260-28173+L01RF062-DT-R	2.38 dBi @ 2.4GHz 3.85 dBi @ 5GHz	0.48 dB @2.4G 0.80 dB @5G	Dipole	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	260-28174	0.70 dBi @ 2.4GHz 1.25 dBi @ 5GHz	0.20 dB @2.4G 0.32 dB @5G	PIFA	IPEX 4L	55
54	LUXSHAR E-ICT	Main	L01RF138-DT-H + 206-28095	2.48 dBi @ 2.4GHz 4.32 dBi @ 5GHz	0.47 dB @2.4G 0.71 dB @5G	PIFA	R-SMA Plug (RF Cable: IPEX 4L)	N/A (RF Cable: 190)
		Aux	L20RF037-YT-H	0.97dBi @ 2.4GHz 4.38 dBi @ 5GHz	0.16 dB @2.4G 0.25 dB @5G		IPEX 4L	54.2
55	ShenZhen ZhongTian Xun Communication Technology Shares Co.,LTD	Main	2.00005163	1.65dBi @ 2.4GHz 2.91dBi @ 5GHz 2.86dBi@5.925-6.425GHz 2.75dBi@6.425-6.525GHz 2.99dBi@6.525-6.875GHz 2.31@6.875-7.125GHz	0.66dBi @ 2.4GHz 1.00dBi @ 5GHz 1.45dBi@5.925-6.425GHz 1.63dBi@6.425-6.525GHz 1.72dBi@6.525-6.875GHz 2.09dBi@6.875-7.125GHz	PIFA	IPEX4	212.3
		Aux	2.00005163	1.88dBi @ 2.4GHz 2.89dBi @ 5GHz 2.78dBi@5.925-6.425GHz 2.02dBi@6.425-6.525GHz 2.42dBi@6.525-6.875GHz 1.80dBi@6.875-7.125GHz	0.86dB @ 2.4GHz 1.39dB @ 5GHz 1.48dB@5.925-6.425GHz 1.69dB@6.425-6.525GHz 1.97dB@6.525-6.875GHz 2.38dB@6.875-7.125GHz			277.8



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
56	Speed Wireless technology Co.,Ltd.	Main	F-0G-XZ-0300-000-K0	1.65dBi @ 2.4GHz 2.91dBi @ 5GHz 2.86dBi@5.925-6.425GHz 2.75dBi@6.425-6.525GHz 2.99dBi@6.525-6.875GHz 2.31@6.875-7.125GHz	0.66dB @ 2.4GHz 1.00dB @ 5GHz 1.45dB@5.925-6.425GHz 1.63dB@6.425-6.525GHz 1.72dB@6.525-6.875GHz 2.09dB@6.875-7.125GHz	PIFA	IPEX	212.3
		Aux	F-0G-XZ-0300-000-K0	1.88dBi @ 2.4GHz 2.89dBi @ 5GHz 2.78dBi@5.925-6.425GHz 2.02dBi@6.425-6.525GHz 2.42dBi@6.525-6.875GHz 1.80dBi@6.875-7.125GHz	0.86dB @ 2.4GHz 1.39dB @ 5GHz 1.48dB@5.925-6.425GHz 1.69dB@6.425-6.525GHz 1.97dB@6.525-6.875GHz 2.38dB@6.875-7.125GHz			277.8
57	ShenZhen ZhongTian Xun Communication Technolgy Shares Co.,LTD	Main	2.00005169	2.89dBi @ 2.4GHz 3.84dBi @ 5GHz 4.22dBi@5.925-6.425GHz 4.0dBi@6.425-6.525GHz 4.21dBi@6.525-6.875GHz 4.0dBi@6.875-7.125GHz	0.93dB @ 2.4GHz 1.42dB @ 5GHz 2.0dB@5.925-6.425GHz 2.22dB@6.425-6.525GHz 2.54dB@6.525-6.875GHz 3.02dB@6.875-7.125GHz	PIFA	IPEX	300.5
		Aux	2.00005169	2.81dBi @ 2.4GHz 2.74dBi @ 5GHz 3.98dBi@5.925-6.425GHz 3.32dBi@6.425-6.525GHz 3.27dBi@6.525-6.875GHz 2.55@6.875-7.125GHz	1.18dB @ 2.4GHz 1.80dB @ 5GHz 2.6dBi@5.925-6.425GHz 2.70dBi@6.425-6.525GHz 3.11dBi@6.525-6.875GHz 3.53dBi@6.875-7.125GHz			380.4
58	Speed Wireless technology Co.,Ltd.	Main	F-0G-XZ-0299-000-K0	2.89dBi @ 2.4GHz 3.84dBi @ 5GHz 4.22dBi@5.925-6.425GHz 4.0dBi@6.425-6.525GHz 4.21dBi@6.525-6.875GHz 4.0dBi@6.875-7.125GHz	0.93dB @ 2.4GHz 1.42dB @ 5GHz 2.0dB@5.925-6.425GHz 2.22dB@6.425-6.525GHz 2.54dB@6.525-6.875GHz 3.02dB@6.875-7.125GHz	PIFA	IPEX	300.5
		Aux	F-0G-XZ-0299-000-K0	2.81dBi @ 2.4GHz 2.74dBi @ 5GHz 3.98dBi@5.925-6.425GHz 3.32dBi@6.425-6.525GHz 3.27dBi@6.525-6.875GHz 2.55@6.875-7.125GHz	1.18dB @ 2.4GHz 1.80dBi @ 5GHz 2.6dBi@5.925-6.425GHz 2.70dBi@6.425-6.525GHz 3.11dBi@6.525-6.875GHz 3.53dBi@6.875-7.125GHz			380.4
59	ASAP	Main	LA9RF350-CS-H	-5.97 dBi @ 2.4GHz 3.59 dBi @ 5GHz 3.24 dBi @ 5.925~6.425GHz 3.35 dBi @6425~6525GHz 3.96 dBi @ 6.525~6.875GHz 3.79 dBi @6.875~7.125GHz	0.6 dB @2.4G 0.9 dB @5G 0.9 dB @ 5.925~6.425GHz 1 dB @6425~6525GHz 1 dB @6.525~6.875GHz 1 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	170.3
		Aux	LA9RF350-CS-H	-6.38 dBi @ 2.4GHz 0.96 dBi @ 5GHz 3.67 dBi @ 5.925~6.425GHz 4.04 dBi @6425~6525GHz 4.04 dBi @ 6.525~6.875GHz 3.97 dBi @6.875~7.125GHz	0.9 dB @2.4G 1.4 dB @5G 1.4 dB @ 5.925~6.425GHz 1.5 dB @6425~6525GHz 1.5 dB @6.525~6.875GHz 1.6 dB @6.875~7.125GHz			261
60	ASAP	Main	LA9RF350-CS-H	-5.97 dBi @ 2.4GHz 3.59 dBi @ 5GHz 3.24 dBi @ 5.925~6.425GHz 3.35 dBi @6425~6525GHz 3.96 dBi @ 6.525~6.875GHz 3.79 dBi @6.875~7.125GHz	0.6 dB @2.4G 0.9 dB @5G 0.9 dB @ 5.925~6.425GHz 1 dB @6425~6525GHz 1 dB @6.525~6.875GHz 1 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	170.3
		Aux	LA9RF349-CS-H	3.12 dBi @ 2.4GHz 2.95 dBi @ 5GHz 2.16 dBi @ 5.925~6.425GHz 0.2 dBi @6425~6525GHz 3.11 dBi @ 6.525~6.875GHz 2.96 dBi @6.875~7.125GHz	0.9 dB @2.4G 1.3 dB @5G 1.4 dB @ 5.925~6.425GHz 1.5 dB @6425~6525GHz 1.5 dB @6.525~6.875GHz 1.6 dB @6.875~7.125GHz			259.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
61	INPAQ	Main	DAM-I3-H1-M2-800-10-66	1.03dBi , 2400-2500MHz 2.07dBi , 5150~5850MHz 2.8dBi , 5925~6425MHz 0.9dBi , 6425~6525MHz 1.11dBi , 6525~6875MHz 2.7dBi , 6875~7125MHz	2.17dB , 2400-2500MHz 3.70dB , 5150~5850MHz 4.33dB , 5925~7125MHz	Dipole	SMA RP PLUG (RF Cacle:ipex )	800 (RF Cacle: 42)
		Aux	DAM-I3-H1-M2-800-10-66	2.27dBi , 2400-2500MHz 2.01dBi , 5150~5850MHz 1.44dBi , 5925~6425MHz 1.54dBi , 6425~6525MHz 2.45dBi , 6525~6875MHz 3.08dBi , 6875~7125MHz	2.17dB , 2400-2500MHz 3.70dB , 5150~5850MHz 4.33dB , 5925~7125MHz			
62	AWAN	Main	AYP8Y-100009 (Clamshell mode)	-2.38 dBi @ 2.4GHz 2.09 dBi @ 5GHz 2.82 dBi @ 5.925~6.425GHz 3.59 dBi @6425~6525GHz 4.37dBi @6.525~6.875GHz 3.53 dBi @6.875~7.125GHz	0.627 dB @2.4G 0.922 dB @5G 1.013 dB @ 5.925~6.425GHz 1.051 dB @6425~6525GHz 1.081 dB @6.525~6.875GHz 1.119 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	183.5
		Aux	AYP8Y-100010 (Clamshell mode)	-4.59 dBi @ 2.4GHz 2.41 dBi @ 5GHz 3.61 dBi @ 5.925~6.425GHz 2.08 dBi @6425~6525GHz 1.32 dBi @6.525~6.875GHz 1.94dBi @6.875~7.125GHz	1.113 dB @2.4G 1.695 dB @5G 1.8 dB @ 5.925~6.425GHz 1.868 dB @6425~6525GHz 1.92 dB @6.525~6.875GHz 1.989 dB @6.875~7.125GHz			326
	AWAN	Main	AYP8Y-100009 (Tablet mode)	-1.87 dBi @ 2.4GHz 2.28 dBi @ 5GHz 1.25 dBi @ 5.925~6.425GHz -3.54 dBi @6425~6525GHz -1.64dBi @6.525~6.875GHz -0.31 dBi @6.875~7.125GHz	0.627 dB @2.4G 0.922 dB @5G 1.013 dB @ 5.925~6.425GHz 1.051 dB @6425~6525GHz 1.081 dB @6.525~6.875GHz 1.119 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	183.5
		Aux	AYP8Y-100010 (Tablet mode)	-6.62 dBi @ 2.4GHz 0.60 dBi @ 5GHz 1.23 dBi @ 5.925~6.425GHz -3.08 dBi @6425~6525GHz -2.57 dBi @6.525~6.875GHz -2.62dBi @6.875~7.125GHz	1.113 dB @2.4G 1.726 dB @5G 1.8 dB @ 5.925~6.425GHz 1.868 dB @6425~6525GHz 1.92 dB @6.525~6.875GHz 1.989 dB @6.875~7.125GHz			326

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
63	ASAP	Main	LA9RF099-CS-H (Clamshell mode)	-1.86 dBi @ 2.4GHz 2.53 dBi @ 5GHz 3.57 dBi @ 5.925~6.425GHz 4.28 dBi @ 6.425~6.525GHz 4.56 dBi @ 6.525~6.875GHz 3.7 dBi @ 6.875~7.125GHz	0.63 dB @ 2.4G 0.92 dB @ 5G 1.01 dB @ 5.925~6.425GHz 1.05 dB @ 6.425~6.525GHz 1.08 dB @ 6.525~6.875GHz 1.12 dB @ 6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	183.5
		Aux	LA9RF107-CS-H (Clamshell mode)	-4.11 dBi @ 2.4GHz 2.46 dBi @ 5GHz 4.24 dBi @ 5.925~6.425GHz 2.61 dBi @ 6.425~6.525GHz 1.40 dBi @ 6.525~6.875GHz 2.05 dBi @ 6.875~7.125GHz	1.11 dB @ 2.4G 1.69 dB @ 5G 1.8 dB @ 5.925~6.425GHz 1.87 dB @ 6.425~6.525GHz 1.92 dB @ 6.525~6.875GHz 1.99 dB @ 6.875~7.125GHz			326
	ASAP	Main	LA9RF099-CS-H (Tablet mode)	-1.70 dBi @ 2.4GHz 2.48 dBi @ 5GHz 1.42 dBi @ 5.925~6.425GHz -2.66 dBi @ 6.425~6.525GHz -1.10 dBi @ 6.525~6.875GHz 0.15 dBi @ 6.875~7.125GHz	0.63 dB @ 2.4G 0.92 dB @ 5G 1.01 dB @ 5.925~6.425GHz 1.05 dB @ 6.425~6.525GHz 1.08 dB @ 6.525~6.875GHz 1.12 dB @ 6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	183.5
		Aux	LA9RF107-CS-H (Tablet mode)	-6.04 dBi @ 2.4GHz 0.76 dBi @ 5GHz 1.73 dBi @ 5.925~6.425GHz -2.49 dBi @ 6.425~6.525GHz -2.26 dBi @ 6.525~6.875GHz -2.33 dBi @ 6.875~7.125GHz	1.11 dB @ 2.4G 1.73 dB @ 5G 1.8 dB @ 5.925~6.425GHz 1.87 dB @ 6.425~6.525GHz 1.92 dB @ 6.525~6.875GHz 1.99 dB @ 6.875~7.125GHz			326
64	ASAP	Main	LA9RF347-CS-H	0.94 dBi @ 2.4GHz 2.82 dBi @ 5GHz 3.14 dBi @ 5.925~6.425GHz 1.70 dBi @ 6.425~6.525GHz 2.17 dBi @ 6.525~6.875GHz 1.72 dBi @ 6.875~7.125GHz	1.04 dB @ 2.4G 1.61 dB @ 5G 1.68 dB @ 5.925~6.425GHz 1.75 dB @ 6.425~6.525GHz 1.8 dB @ 6.525~6.875GHz 1.86 dB @ 6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	305
		Aux	LA9RF348-CS-H	0.02 dBi @ 2.4GHz 3.16 dBi @ 5GHz 1.17 dBi @ 5.925~6.425GHz -0.84 dBi @ 6.425~6.525GHz 2.20 dBi @ 6.525~6.875GHz 2.87 dBi @ 6.875~7.125GHz	0.4 dB @ 2.4G 0.59 dB @ 5G 0.65 dB @ 5.925~6.425GHz 0.68 dB @ 6.425~6.525GHz 0.7 dB @ 6.525~6.875GHz 0.72 dB @ 6.875~7.125GHz			118
65	AWAN	Main	AYP6Y-200045	2.44 dBi @ 2.4GHz -0.02 dBi @ 5GHz -0.42 dBi @ 5.925~6.425GHz -2.96 dBi @ 6.425~6.525GHz 1.98 dBi @ 6.525~6.875GHz 1.98 dBi @ 6.875~7.125GHz	0.85 dB @ 2.4G 1.37 dB @ 5G 1.45 dB @ 5.925~6.425GHz 1.56 dB @ 6.425~6.525GHz 1.57 dB @ 6.525~6.875GHz 1.62 dB @ 6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	283
		Aux	AYP6Y-200045	2.28 dBi @ 2.4GHz 3.54 dBi @ 5GHz 3.33 dBi @ 5.925~6.425GHz -2.48 dBi @ 6.425~6.525GHz 0.51 dBi @ 6.525~6.875GHz 0.51 dBi @ 6.875~7.125GHz	1.09 dB @ 2.4G 1.83 dB @ 5G 1.85 dB @ 5.925~6.425GHz 2.01 dB @ 6.425~6.525GHz 2.02 dB @ 6.525~6.875GHz 2.07 dB @ 6.875~7.125GHz			363
66	LUXSHAR E-ICT	Main	LA9RF367-CS-H	3.15 dBi @ 2.4GHz 1.64 dBi @ 5GHz -0.06 dBi @ 5.925~6.425GHz -0.06 dBi @ 6.425~6.525GHz 2.01 dBi @ 6.525~6.875GHz 2.57 dBi @ 6.875~7.125GHz	0.69 dB @ 2.4G 1.06 dB @ 5G 1.12 dB @ 5.925~6.425GHz 1.12 dB @ 6.425~6.525GHz 1.12 dB @ 6.525~6.875GHz 1.14 dB @ 6.875~7.125GHz	PIFA	I-PEX IV	283
		Aux	LA9RF367-CS-H	3.17 dBi @ 2.4GHz 4.37 dBi @ 5GHz 4.53 dBi @ 5.925~6.425GHz 0.79 dBi @ 6.425~6.525GHz 1.51 dBi @ 6.525~6.875GHz 1.84 dBi @ 6.875~7.125GHz	0.89 dB @ 2.4G 1.4 dB @ 5G 1.42 dB @ 5.925~6.425GHz 1.44 dB @ 6.425~6.525GHz 1.45 dB @ 6.525~6.875GHz 1.45 dB @ 6.875~7.125GHz			363

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
67	WNC	Main	025.901SW.001 (81EABD15.G46)	1.52 dBi @ 2.4GHz 1.88 dBi @ 5GHz -0.91 dBi @ 5.925~6.425GHz -1.66 dBi @ 6.425~6.525GHz -1.66 dBi @ 6.525~6.875GHz -1.7 dBi @ 6.875~7.125GHz	0.84 dB @ 2.4G 1.25 dB @ 5G 1.36 dBi @ 5.925~6.425GHz 1.44 @ 6.425~6.525GHz 1.44 @ 6.525~6.875GHz 1.48 @ 6.875~7.125GHz	PIFA	IPEX	360
		Aux	025.901SV.001 (81EABD15.G45)	-1.13dBi @ 2.4GHz 1.86 dBi @ 5GHz -0.78 dBi @ 5.925~6.425GHz -2.22 dBi @ 6.425~6.525GHz -2.58 dBi @ 6.525~6.875GHz -2.12 dBi @ 6.875~7.125GHz	1.28 dB @ 2.4G 2 dB @ 5G 2.07 dBi @ 5.925~6.425GHz 2.19 dBi @ 6.425~6.525GHz 2.19 dBi @ 6.525~6.875GHz 2.26 dBi @ 6.875~7.125GHz			550
68	INPAQ Corporation	Main	025.901SQ.0011 (WA-P-LE-02-008)	0.53 dBi @ 2.4GHz 0.96 dBi @ 5GHz -0.52 dBi @ 5.925~6.425GHz -3.16 dBi @ 6.425~6.525GHz -1.1 dBi @ 6.525~6.875GHz -1.49 dBi @ 6.875~7.125GHz	0.99 dBi @ 2.4GHz 1.54 dBi @ 5GHz 1.68 dBi @ 5.925~6.425GHz 1.78 dBi @ 6.425~6.525GHz 1.91 dBi @ 6.525~6.875GHz 2.01 dBi @ 6.875~7.125GHz	PIFA	I-PEX	360
		Aux	025.901SQ.001 (WA-P-LE-02-007)	1.46 dBi @ 2.4GHz 1.44 dBi @ 5GHz 0.02 dBi @ 5.925~6.425GHz -1.28 dBi @ 6.425~6.525GHz -1.49 dBi @ 6.525~6.875GHz -2.17 dBi @ 6.875~7.125GHz	1.32 dBi @ 2.4GHz 2.05 dBi @ 5GHz 2.26 dB @ 5.925~6.425GHz 2.37 dB @ 6.425~6.525GHz 2.49 dB @ 6.525~6.875GHz 2.59 dB @ 6.875~7.125GHz			550
69	ASAP	Main	LA9RF349-CS-H	3.07 dBi @ 2.4GHz 2.87 dBi @ 5GHz 2.91 dBi @ 5.925~6.425GHz -0.69 dBi @ 6.425~6.525GHz -0.26 dBi @ 6.525~6.875GHz 1.1 dBi @ 6.875~7.125GHz	0.8 dB @ 2.4G 1.2 dB @ 5G 1.2 dB @ 5.925~6.425GHz 1.3 dB @ 6.425~6.525GHz 1.3 dB @ 6.525~6.875GHz 1.4 dB @ 6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	221.5
		Aux	LA9RF350-CS-H	-6.38 dBi @ 2.4GHz 0.96 dBi @ 5GHz 3.67 dBi @ 5.925~6.425GHz 4.04 dBi @ 6.425~6.525GHz 4.04 dBi @ 6.525~6.875GHz 3.97 dBi @ 6.875~7.125GHz	0.9 dB @ 2.4G 1.4 dB @ 5G 1.4 dB @ 5.925~6.425GHz 1.5 dB @ 6.425~6.525GHz 1.5 dB @ 6.525~6.875GHz 1.6 dB @ 6.875~7.125GHz			261
70	ASAP	Main	LA9RF349-CS-H	3.07 dBi @ 2.4GHz 2.87 dBi @ 5GHz 2.91 dBi @ 5.925~6.425GHz -0.69 dBi @ 6.425~6.525GHz -0.26 dBi @ 6.525~6.875GHz 1.1 dBi @ 6.875~7.125GHz	0.8 dB @ 2.4G 1.2 dB @ 5G 1.2 dB @ 5.925~6.425GHz 1.3 dB @ 6.425~6.525GHz 1.3 dB @ 6.525~6.875GHz 1.4 dB @ 6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	221.5
		Aux	LA9RF349-CS-H	3.12 dBi @ 2.4GHz 2.95 dBi @ 5GHz 2.16 dBi @ 5.925~6.425GHz 0.2 dBi @ 6.425~6.525GHz 3.11 dBi @ 6.525~6.875GHz 2.96 dBi @ 6.875~7.125GHz	0.9 dB @ 2.4G 1.3 dB @ 5G 1.4 dB @ 5.925~6.425GHz 1.5 dB @ 6.425~6.525GHz 1.5 dB @ 6.525~6.875GHz 1.6 dB @ 6.875~7.125GHz			259.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
71	AWAN	Main	AYF6Y-100186	0.57 dBi @ 2.4GHz 2.44 dBi @ 5GHz 2.47 dBi @ 5.925~6.425GHz 1.57 dBi @6425~6525GHz 1.61 dBi @6.525~6.875GHz 1.25 dBi @6.875~7.125GHz	1.042 dB @2.4G 1.615 dB @5G 1.684 dB @ 5.925~6.425GHz 1.748 dB @6425~6525GHz 1.796 dB @6.525~6.875GHz 1.861 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	305
		Aux	AYF6Y-100187	-0.16 dBi @ 2.4GHz 2.6 dBi @ 5GHz 0.54 dBi @ 5.925~6.425GHz -1.06dBi @6425~6525GHz -1.94 dBi @6.525~6.875GHz 1.98dBi @6.875~7.125GHz	0.403 dB @2.4G 0.613 dB @5G 0.651 dB @ 5.925~6.425GHz 0.676 dB @6425~6525GHz 0.695 dB @6.525~6.875GHz 0.72 dB @6.875~7.125GHz			118
72	AWAN	Main	AYP6Y-100154	-0.04 dBi @ 2.4GHz 3.73dBi @ 5GHz 4.39 dBi @ 5.925~6.425GHz 2.55 dBi @6425~6525GHz 1.57 dBi @6.525~6.875GHz 1.57 dBi @6.875~7.125GHz	0.67 dB @2.4G 1.12 dB @5G 1.14 dB @ 5.925~6.425GHz 1.23 dB @6425~6525GHz 1.24 dB @6.525~6.875GHz 1.27 dB @6.875~7.125GHz	PIFA	I-plex (20565-001R-13)	223
		Aux	AYP6Y-200025	2.74 dBi @ 2.4GHz 2.60dBi @ 5GHz 3.40 dBi @ 5.925~6.425GHz -0.59 dBi @6425~6525GHz 0.67 dBi @6.525~6.875GHz -0.17 dBi @6.875~7.125GHz	0.87 dB @2.4G 1.42 dB @5G 1.48 dB @ 5.925~6.425GHz 1.60 dB @6425~6525GHz 1.61 dB @6.525~6.875GHz 1.66 dB @6.875~7.125GHz			290
73	ASAP	Main	LA9RF318-CS-H	-0.16 dBi @ 2.4GHz 3.31 dBi @ 5GHz 3.84 dBi @ 5.925~6.425GHz 1.92 dBi @6425~6525GHz 1.14 dBi @6.525~6.875GHz 1.14 dBi @6.875~7.125GHz	0.67 dB @2.4G 1.12 dB @5G 1.14 dB @ 5.925~6.425GHz 1.23 dB @6425~6525GHz 1.24 dB @6.525~6.875GHz 1.27 dB @6.875~7.125GHz	PIFA	I-plex (20565-001R-13)	223
		Aux	LA9RF303-CS-H	2.51 dBi @ 2.4GHz 2.47dBi @ 5GHz 2.95 dBi @ 5.925~6.425GHz -0.82 dBi @6425~6525GHz 0.40 dBi @6.525~6.875GHz -0.33 dBi @6.875~7.125GHz	0.87 dB @2.4G 1.42 dB @5G 1.48 dB @ 5.925~6.425GHz 1.60 dB @6425~6525GHz 1.61 dB @6.525~6.875GHz 1.66 dB @6.875~7.125GHz			290
74	Luxshare-ICT	Main	LA9RF059-CS-H	0.30 dBi, @ 2.4GHz 1.30 dBi, @5GHz 1.2dBi, @5925~6425MHz 0.9dBi, @6425~6525MHz 0.9dBi, @6525~6875MHz -1.8dBi, @6875~7125MHz	1.84 dB, @2.4GHz 2.94 dB, @5GHz 3.52dB, @5925~6425MHz 3.96dB, @6425~6525MHz 3.96dB, @6525~6875MHz 4.21dB, @6875~7125MHz	Dipole	SMA R/P PLUG (RF Cable:I- PEX)	925 (RF Cable: 42)
		Aux	LA9RF059-CS-H	- 1.10 dBi, @2.4GHz - 1.10 dBi, @5GHz 0.7dBi, @5925~6425MHz 1.4dBi, @6425~6525MHz -0.3dBi, @6525~6875MHz -1.6dBi, @6875~7125MHz	1.75 dB, 2400~2500 MHz 2.78 dB, @5GHz 3.36dB, @5925~6425MHz 3.36dB, @6425~6525MHz 3.72dB, @6525~6875MHz 3.72dB, @6875~7125MHz			925 (RF Cable: 42)

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
75	WNC	Main	025.901S3.00 01 (81EABD15.G 35) (NB Mode)	1 dBi @ 2.4GHz 2.04 dBi @ 5GHz 2.32 dBi @ 5.925~6.425GHz -0.08 dBi @ 6.425~6.525GHz 1.51 dBi @ 6.525~6.875GHz 2.04 dBi @ 6.875~7.125GHz	1.05 dB @ 2.4G 1.57 dB @ 5G 1.7 dBi @ 5.925~6.425GHz 1.76 @ 6.425~6.525GHz 1.8 @ 6.525~6.875GHz 1.85 @ 6.875~7.125GHz	PIFA	IPEX	380
		Aux	025.901S3.00 11 (81EABD15.G 36) (NB Mode)	1.63 dBi @ 2.4GHz 0.95 dBi @ 5GHz 0.4 dBi @ 5.925~6.425GHz -2.08 dBi @ 6.425~6.525GHz -1.84 dBi @ 6.525~6.875GHz -0.17 dBi @ 6.875~7.125GHz	1.3 dB @ 2.4G 1.94 dB @ 5G 2.11 dBi @ 5.925~6.425GHz 2.18 dBi @ 6.425~6.525GHz 2.23 dBi @ 6.525~6.875GHz 2.29 dBi @ 6.875~7.125GHz			470
		Main	025.901S3.00 01 (81EABD15.G 35) (TB Mode)	0.23 dBi @ 2.4GHz 1.94 dBi @ 5GHz 1.7 dBi @ 5.925~6.425GHz -0.73 dBi @ 6.425~6.525GHz 0.66 dBi @ 6.525~6.875GHz 0.68 dBi @ 6.875~7.125GHz	1.05 dBi @ 2.4GHz 1.57 dBi @ 5GHz 1.7 dBi @ 5.925~6.425GHz 1.76 dBi @ 6.425~6.525GHz 1.8 dBi @ 6.525~6.875GHz 1.85 dBi @ 6.875~7.125GHz	PIFA	IPEX	380
		Aux	025.901S3.00 11 (81EABD15.G 36) (TB Mode)	1.73 dBi @ 2.4GHz 1.99 dBi @ 5GHz 1.58 dBi @ 5.925~6.425GHz -1.32 dBi @ 6.425~6.525GHz 0.61 dBi @ 6.525~6.875GHz 2.21 dBi @ 6.875~7.125GHz	1.3 dBi @ 2.4GHz 2.03 dBi @ 5GHz 2.11 dBi @ 5.925~6.425GHz 2.18 dBi @ 6.425~6.525GHz 2.23 dBi @ 6.525~6.875GHz 2.29 dBi @ 6.875~7.125GHz			470
76	High-Tek Electronics Co., Ltd	Main	025.901S3.00 21 (0ACAR02001 4N) (NB Mode)	-3.28 dBi @ 2.4GHz -0.5 dBi @ 5GHz 0.26 dBi @ 5.925~6.425GHz -1.78 dBi @ 6.425~6.525GHz -0.38 dBi @ 6.525~6.875GHz 0 dBi @ 6.875~7.125GHz	1.15 dBi @ 2.4GHz 1.78 dBi @ 5GHz 1.86 dBi @ 5.925~6.425GHz 1.88 dBi @ 6.425~6.525GHz 1.93 dBi @ 6.525~6.875GHz 2.03 dBi @ 6.875~7.125GHz	PIFA	SpeedTeh (C87P115- 00002-H)	380
		Aux	025.901S3.00 31 (0ACAR02001 5N) (NB Mode)	-1.63 dBi @ 2.4GHz -0.9 dBi @ 5GHz 0.66 dBi @ 5.925~6.425GHz -0.59 dBi @ 6.425~6.525GHz 1.95 dBi @ 6.525~6.875GHz 2.63 dBi @ 6.875~7.125GHz	1.42 dBi @ 2.4GHz 2.03 dBi @ 5GHz 2.3 dBi @ 5.925~6.425GHz 2.32 dBi @ 6.425~6.525GHz 2.38 dBi @ 6.525~6.875GHz 2.52 dBi @ 6.875~7.125GHz			470
	High-Tek Electronics Co., Ltd	Main	025.901S3.00 21 (0ACAR02001 4N) (TB Mode)	-2.69 dBi @ 2.4GHz -0.45 dBi @ 5GHz 0.87 dBi @ 5.925~6.425GHz -0.6 dBi @ 6.425~6.525GHz 0.69 dBi @ 6.525~6.875GHz 0.16 dBi @ 6.875~7.125GHz	1.15 dBi @ 2.4GHz 1.78 dBi @ 5GHz 1.86 dBi @ 5.925~6.425GHz 1.88 dBi @ 6.425~6.525GHz 1.93 dBi @ 6.525~6.875GHz 2.03 dBi @ 6.875~7.125GHz	PIFA	SpeedTeh (C87P115- 00002-H)	380
		Aux	025.901S3.00 31 (0ACAR02001 5N) (TB Mode)	-3.95 dBi @ 2.4GHz -2.67 dBi @ 5GHz 1.47 dBi @ 5.925~6.425GHz 0.92 dBi @ 6.425~6.525GHz 1.25 dBi @ 6.525~6.875GHz 3.27 dBi @ 6.875~7.125GHz	1.42 dBi @ 2.4GHz 2.03 dBi @ 5GHz 2.3 dBi @ 5.925~6.425GHz 2.32 dBi @ 6.425~6.525GHz 2.38 dBi @ 6.525~6.875GHz 2.52 dBi @ 6.875~7.125GHz			470



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
77	LUXSHARE-ICT	Main	DC33001XU00	2.55dBi @ 2.4GHz 3.80dBi @ 5GHz 3.85 dBi @ 5.925~6.425GHz 4.05 dBi @6425~6525GHz 4.59 dBi @6.525~6.875GHz 3.82 dBi @6.875~7.125GHz	0.37dB @2.4GHz 0.58dB @5GHz 0.60 dB @ 5.925~6.425GHz 0.60 dB @6425~6525GHz 0.62 dB @6.525~6.875GHz 0.62 dB @6.875~7.125GHz	PIFA	IPEX	151
		Aux	DC33001XU00	2.16dBi @ 2.4GHz 4.10dBi @ 5GHz 3.79 dBi @ 5.925~6.425GHz 3.46 dBi @6425~6525GHz 3.00 dBi @6.525~6.875GHz 3.00 dBi @6.875~7.125GHz	0.97dB @2.4GHz 1.50dB @5GHz 1.56dB @ 5.925~6.425GHz 1.56dB @6425~6525GHz 1.58dB @6.525~6.875GHz 1.58 dB @6.875~7.125GHz			394
78	INPAQ	Main	DC33001XS00	2.85dBi @ 2.4GHz 2.90dBi @ 5GHz 2.67 dBi @ 5.925~6.425GHz 2.93 dBi @6425~6525GHz 2.96 dBi @6.525~6.875GHz 2.92 dBi @6.875~7.125GHz	0.88dB @2.4GHz 1.37dB @5GHz 1.65dB @ 5.925~6.425GHz 1.76dB @6425~6525GHz 1.87 dB @6.525~6.875GHz 1.96 dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	151
		Aux	DC33001XS00	2.98dBi @ 2.4GHz 2.60dBi @ 5GHz 2.63 dBi @ 5.925~6.425GHz 2.25 dBi @6425~6525GHz 2.98 dBi @6.525~6.875GHz 2.98 dBi @6.875~7.125GHz	1.41dB @2.4GHz 2.68dB @5GHz 3.1dB @ 5.925~6.425GHz 3.26dB @6425~6525GHz 3.42 dB @6.525~6.875GHz 3.61 dB @6.875~7.125GHz			394
79	Speed Wireless Technical Co., LTD.	Main	DC33001XT00	0.91dBi @ 2.4GHz 3.31dBi @ 5GHz 3.79 dBi @ 5.925~6.425GHz 3.52 dBi @6425~6525GHz 4.38 dBi @6.525~6.875GHz 3.95 dBi @6.875~7.125GHz	0.61dB @2.4G 0.96dB @5GHz 1.13dB @ 5.925~6.425GHz 1.19dB @6425~6525GHz 1.24 dB @6.525~6.875GHz 1.26 dB @6.875~7.125GHz	PIFA	I-PEX	151
		Aux	DC33001XT00	2.38dBi @ 2.4GHz 3.35dBi @ 5GHz 4.01 dBi @ 5.925~6.425GHz 3.49 dBi @6425~6525GHz 4.21 dBi @6.525~6.875GHz 4.05 dBi @6.875~7.125GHz	1.05dB @2.4GHz 1.65dB @5GHz 1.78dB @ 5.925~6.425GHz 1.82dB @6425~6525GHz 1.90dB @6.525~6.875GHz 1.95 dB @6.875~7.125GHz			394

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
80	INPAQ Corporation	Main	DQ6WAPLEL08 (WA-P-LELE-05-002)	1.07dBi @ 2.4GHz 2.36dBi @ 5GHz 2.28 dBi @ 5.925~6.425GHz 0.87 dBi @6425~6525GHz 1.35 dBi @6.525~6.875GHz 1.35 dBi @6.875~7.125GHz	1.83dB @2.4GHz 3.06dB @5GHz 3.36 dB @ 5.925~6.425GHz 3.37 dB @6425~6525GHz 3.50 dB @6.525~6.875GHz 3.67 dB @6.875~7.125GHz	PIFA	I-PEX(MHF-4L)	543
		Aux	DQ6WAPLEL08 (WA-P-LELE-05-002)	1.47dBi @ 2.4GHz 2.13dBi @ 5GHz 1.75 dBi @ 5.925~6.425GHz 0.30 dBi @6425~6525GHz 1.58 dBi @6.525~6.875GHz 2.49 dBi @6.875~7125GHz	2.28dB @2.4GHz 3.51dB @5GHz 3.95 dB @ 5.925~6.425GHz 3.94 dB @6425~6525GHz 4.11 dB @6.525~6.875GHz 4.34 dB @6.875~7125GHz			816
81	WNC	Main	DQ6D15GAB00 (81EABD15.GA B)	2.83dBi @ 2.4GHz 1.37dBi @ 5GHz 1.50 dBi @ 5.925~6.425GHz 0.02 dBi @6425~6525GHz -0.34 dBi @6.525~6.875GHz 1.52 dBi @6.875~7125GHz	1.73dB @2.4GHz 2.76dB @5GHz 2.87 dB @ 5.925~6.425GHz 2.93 dB @6425~6525GHz 3.04 dB @6.525~6.875GHz 3.14 dB @6.875~7125GHz	PIFA	I-PEX (20565-001R-13)	543
		Aux	DQ6D15GAB00 (81EABD15.GA B)	2.97dBi @ 2.4GHz 2.02dBi @ 5GHz 1.28 dBi @6425~6525GHz -0.37 dBi @6.525~6.875GHz -0.31 dBi @6.875~7.125GHz 0.03 dBi @6.875~7125GHz	2.04dB @2.4GHz 3.10dB @5GHz 3.34 dB @ 5.925~6.425GHz 3.42 dB @6425~6525GHz 3.50 dB @6.525~6.875GHz 3.59 dB @6.875~7125GHz			816
82	AWAN	Main	DQ60AXP6Y17 (AXP6Y-200014)	0.91dBi @ 2.4GHz 1.88dBi @ 5GHz 2.29dBi @ 5.925~6.425GHz 0.28dBi @6425~6525GHz 0.44dBi @6.525~6.875GHz 0.50dBi @6.875~7.125GHz	2.11dB @2.4GHz 3.35dB @5GHz 3.52dB @ 5.925~6.425GHz 3.53dB @6425~6525GHz 3.67dB @6.525~6.875GHz 3.80dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	572.5
		Aux	DQ60AXP6Y17 (AXP6Y-200014)	0.28dBi @ 2.4GHz 1.69dBi @ 5GHz 1.74dBi @ 5.925~6.425GHz 0.22dBi @6425~6525GHz 0.39dBi @6.525~6.875GHz 0.28dBi @6.875~7.125GHz	2.59dB @2.4GHz 4.01dB @5GHz 4.21dB @ 5.925~6.425GHz 4.20dB @6425~6525GHz 4.43dB @6.525~6.875GHz 4.51dB @6.875~7.125GHz			836.5



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
83	AWAN	Main	DQ60AXP6Y18 (AXP6Y-200015)	0.95dBi @ 2.4GHz 1.30dBi @ 5GHz 1.53dBi @ 5.925~6.425GHz 0.46dBi @ 6425~6525GHz 0.30dBi @ 6.525~6.875GHz 0.19dBi @ 6.875~7.125GHz	2.11dB @ 2.4GHz 3.11dB @ 5GHz 3.52dB @ 5.925~6.425GHz 3.53dB @ 6425~6525GHz 3.67dB @ 6.525~6.875GHz 3.80dB @ 6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	572.5
		Aux	DQ60AXP6Y18 (AXP6Y-200015)	0.65dBi @ 2.4GHz 1.63dBi @ 5GHz 2.48 dBi @ 5.925~6.425GHz 0.20 dBi @ 6425~6525GHz 0.12 dBi @ 6.525~6.875GHz 0.14 dBi @ 6.875~7.125GHz	2.59dB @ 2.4GHz 4.01dB @ 5GHz 4.21 dB @ 5.925~6.425GHz 4.20 dB @ 6425~6525GHz 4.43 dB @ 6.525~6.875GHz 4.51 dB @ 6.875~7.125GHz			836.5
84	High-Tek Electronics Co., Ltd	Main	DQ60ACQD0B9 (OACQD021065 N)	-1.02dBi @ 2.4GHz 2.92dBi @ 5GHz 2.67dBi @ 5.925~6.425GHz 2.15dBi @ 6425~6525GHz 2.97dBi @ 6.525~6.875GHz 0.59dBi @ 6.875~7.125GHz	2.14dB @ 2.4GHz 3.32dB @ 5GHz 3.58dB @ 5.925~6.425GHz 3.62dB @ 6425~6525GHz 3.72dB @ 6.525~6.875GHz 3.9dB @ 6.875~7.125GHz	PIFA	Caimai (958-C413-W-B-Bu-A0)	572.5
		Aux	DQ60ACQD0B9 (OACQD021065 N)	0.02dBi @ 2.4GHz 0.86dBi @ 5GHz 1.76dBi @ 5.925~6.425GHz 0.04dBi @ 6425~6525GHz 0.36dBi @ 6.525~6.875GHz 0.36dBi @ 6.875~7.125GHz	2.53dB @ 2.4GHz 3.6dB @ 5GHz 4.09dB @ 5.925~6.425GHz 4.14dB @ 6425~6525GHz 4.24dB @ 6.525~6.875GHz 4.48dB @ 6.875~7.125GHz			836.5
85	High-Tek Electronics Co., Ltd	Main	DQ60ACQD0C0 (OACQD021067 N)	-0.25dBi @ 2.4GHz 2.96dBi @ 5GHz 2.98dBi @ 5.925~6.425GHz 2.92dBi @ 6425~6525GHz 2.94dBi @ 6.525~6.875GHz 1.29dBi @ 6.875~7.125GHz	2.14dB @ 2.4GHz 3.32dB @ 5GHz 3.58dB @ 5.925~6.425GHz 3.62dB @ 6425~6525GHz 3.72dB @ 6.525~6.875GHz 3.9dB @ 6.875~7.125GHz	PIFA	Caimai (958-C413-W-B-Bu-A0)	572.5
		Aux	DQ60ACQD0C0 (OACQD021067 N)	-0.27dBi @ 2.4GHz 1.33dBi @ 5GHz 2.16dBi @ 5.925~6.425GHz 0.99dBi @ 6425~6525GHz 1.7dBi @ 6.525~6.875GHz 0.03dBi @ 6.875~7.125GHz	2.53dB @ 2.4GHz 3.6dB @ 5GHz 4.09dB @ 5.925~6.425GHz 4.14dB @ 6425~6525GHz 4.24dB @ 6.525~6.875GHz 4.48dB @ 6.875~7.125GHz			836.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
86	INPAQ	Main	DQ6WAPLEL15 (WA-P-LELE-05-004)	1.42dBi @ 2.4GHz 2.83dBi @ 5GHz 2.15dBi @ 5.925~6.425GHz 0.3dBi @ 6425~6525GHz 1.64dBi @ 6.525~6.875GHz 1.64dBi @ 6.875~7.125GHz	2.13dB @ 2.4GHz 3.13dB @ 5GHz 3.48dB @ 5.925~6.425GHz 3.56dB @ 6425~6525GHz 3.65dB @ 6.525~6.875GHz 3.78dB @ 6.875~7.125GHz	PIFA	I-PEX(MHF-4L)	572.5
		Aux	DQ6WAPLEL15 (WA-P-LELE-05-004)	0.65dBi @ 2.4GHz 2.08dBi @ 5GHz 1.55dBi @ 5.925~6.425GHz 0.52dBi @ 6425~6525GHz 0.97 dBi @ 6.525~6.875GHz 1.1 dBi @ 6.875~7.125GHz	2.36dB @ 2.4G 3.69dB @ 5G 3.87dB @ 5.925~6.425GHz 3.94dB @ 6425~6525GHz 4.04dB @ 6.525~6.875GHz 4.16dB @ 6.875~7.125GHz			836.5
87	INPAQ	Main	DQ6WAPLEL16 (WA-P-LELE-05-003)	1.31dBi @ 2.4GHz 2.82dBi @ 5GHz 2.43dBi @ 5.925~6.425GHz 0.48dBi @ 6425~6525GHz 1.64dBi @ 6.525~6.875GHz 1.64dBi @ 6.875~7.125GHz	2.13dB @ 2.4GHz 3.29dB @ 5GHz 3.48dB @ 5.925~6.425GHz 3.56dB @ 6425~6525GHz 3.65dB @ 6.525~6.875GHz 3.78dB @ 6.875~7.125GHz	PIFA	IPEX(MHF-4L)	572.5
		Aux	DQ6WAPLEL16 (WA-P-LELE-05-003)	0.72dBi @ 2.4GHz 2.03dBi @ 5GHz 1.74dBi @ 5.925~6.425GHz 0.36dBi @ 6425~6525GHz 1.18dBi @ 6.525~6.875GHz 1.33dBi @ 6.875~7.125GHz	2.36dB @ 2.4GHz 3.53dB @ 5GHz 3.87dB @ 5.925~6.425GHz 3.94dB @ 6425~6525GHz 4.04dB @ 6.525~6.875GHz 4.16dB @ 6.875~7.125GHz			836.5
88	AWAN	Main	DQ60AXP6Y20 (AXP6Y-200017)	-0.28 dBi @ 2.4GHz 0.11dBi @ 5GHz 2.06dBi @ 5.925~6.425GHz 0.05dBi @ 6425~6525GHz 2.03dBi @ 6.525~6.875GHz 2.03dBi @ 6.875~7.125GHz	1.66dB @ 2.4GHz 2.79dB @ 5GHz 2.83dB @ 5.925~6.425GHz 3.06dB @ 6425~6525GHz 3.07dB @ 6.525~6.875GHz 3.16dB @ 6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	541
		Aux	DQ60AXP6Y20 (AXP6Y-200017)	-0.72dBi @ 2.4GHz 1.21dBi @ 5GHz 2.77dBi @ 5.925~6.425GHz 0.89dBi @ 6425~6525GHz 0.89dBi @ 6.525~6.875GHz 1.23dBi @ 6.875~7.125GHz	1.96dB @ 2.4GHz 3.13dB @ 5GHz 3.23dB @ 5.925~6.425GHz 3.43dB @ 6425~6525GHz 3.53dB @ 6.525~6.875GHz 3.60dB @ 6.875~7.125GHz			775

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
89	AWAN	Main	DQ60AXP6Y19 (AXP6Y-200016)	-0.11dBi @ 2.4GHz 0.31dBi @ 5GHz 2.60dBi @ 5.925~6.425GHz 0.03dBi @ 6425~6525GHz 0.97dBi @ 6.525~6.875GHz 2.49dBi @ 6.875~7.125GHz	1.66dB @ 2.4GHz 2.79dB @ 5GHz 2.83dB @ 5.925~6.425GHz 3.06dB @ 6425~6525GHz 3.07dB @ 6.525~6.875GHz 3.16dB @ 6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	541
		Aux	DQ60AXP6Y19 (AXP6Y-200016)	-0.26dBi @ 2.4GHz 0.32dBi @ 5GHz 2.10dBi @ 5.925~6.425GHz 0.09dBi @ 6425~6525GHz 0.33dBi @ 6.525~6.875GHz 2.31dBi @ 6.875~7.125GHz	1.96dB @ 2.4GHz 3.25dB @ 5GHz 3.23dB @ 5.925~6.425GHz 3.43dB @ 6425~6525GHz 3.53dB @ 6.525~6.875GHz 3.60dB @ 6.875~7.125GHz			775
90	High-Tek Electronics Co., Ltd	Main	DQ60ACQD0C2 (OACQD021061 N)	-0.34dBi @ 2.4GHz 1.66dBi @ 5GHz 1.96dBi @ 5.925~6.425GHz 0.97dBi @ 6425~6525GHz 2.62dBi @ 6.525~6.875GHz 2.62dBi @ 6.875~7.125GHz	2.03dB @ 2.4GHz 3.04dB @ 5GHz 3.39dB @ 5.925~6.425GHz 3.42dB @ 6425~6525GHz 3.52dB @ 6.525~6.875GHz 3.69dB @ 6.875~7.125GHz	PIFA	I-PEX	541
		Aux	DQ60ACQD0C2 (OACQD021061 N)	-0.73dBi @ 2.4GHz 1.36dBi @ 5GHz 1.48dBi @ 5.925~6.425GHz 1.48dBi @ 6425~6525GHz 2.27dBi @ 6.525~6.875GHz 0.50dBi @ 6.875~7.125GHz	2.35dB @ 2.4GHz 3.58dB @ 5GHz 3.79dB @ 5.925~6.425GHz 3.83dB @ 6425~6525GHz 3.93dB @ 6.525~6.875GHz 4.15dB @ 6.875~7.125GHz			775
91	High-Tek Electronics Co., Ltd	Main	DQ60ACQD0C1 (OACQD021059 N)	-0.20dBi @ 2.4GHz 1.47dBi @ 5GHz 2.87dBi @ 5.925~6.425GHz 2.39dBi @ 6425~6525GHz 2.39dBi @ 6.525~6.875GHz 0.15dBi @ 6.875~7.125GHz	2.03dB @ 2.4G 3.14dB @ 5G 3.39dB @ 5.925~6.425GHz 3.42dB @ 6425~6525GHz 3.52dB @ 6.525~6.875GHz 3.69dB @ 6.875~7.125GHz	PIFA	I-PEX	541
		Aux	DQ60ACQD0C1 (OACQD021059 N)	-1.30dBi @ 2.4GHz 0.61dBi @ 5GHz 2.97dBi @ 5.925~6.425GHz 1.67dBi @ 6425~6525GHz 2.91dBi @ 6.525~6.875GHz 2.38dBi @ 6.875~7.125GHz	2.35dB @ 2.4GHz 3.58dB @ 5GHz 3.79dB @ 5.925~6.425GHz 3.83dB @ 6425~6525GHz 3.93dB @ 6.525~6.875GHz 4.15dB @ 6.875~7.125GHz			775

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
92	INPAQ	Main	DQ6WAPLEL18 (WA-P-LELE-02-012)	0.97dBi @ 2.4GHz 1.87dBi @ 5GHz 1.6dBi @ 5.925~6.425GHz 0.18dBi @ 6425~6525GHz 0.57dBi @ 6.525~6.875GHz 1.9dBi @ 6.875~7.125GHz	1.99dBi @ 2.4GHz 3.09dBi @ 5GHz 3.26dBi @ 5.925~6.425GHz 3.34dBi @ 6425~6525GHz 3.43dBi @ 6.525~6.875GHz 3.54dBi @ 6.875~7.125GHz	PIFA	I-PEX(MHF-4L)	541
		Aux	DQ6WAPLEL18 (WA-P-LELE-02-012)	0.24dBi @ 2.4GHz 1.91dBi @ 5GHz 1.4dBi @ 5.925~6.425GHz 0.17dBi @ 6425~6525GHz 0.1dBi @ 6.525~6.875GHz 1.13dBi @ 6.875~7.125GHz	2.18dB @ 2.4GHz 3.40dB @ 5GHz 3.57dB @ 5.925~6.425GHz 3.64dB @ 6425~6525GHz 3.73dB @ 6.525~6.875GHz 3.84dB @ 6.875~7.125GHz			775
93	INPAQ	Main	DQ6WAPLEL17 (WA-P-LELE-02-011)	1.26dBi @ 2.4GHz 1.83dBi @ 5GHz 1.39dBi @ 5.925~6.425GHz 0.67dBi @ 6425~6525GHz 2.08dBi @ 6.525~6.875GHz 2.17dBi @ 6.875~7.125GHz	1.99dB @ 2.4GHz 3.09dB @ 5GHz 3.26dB @ 5.925~6.425GHz 3.34dB @ 6425~6525GHz 3.43dB @ 6.525~6.875GHz 3.54dB @ 6.875~7.125GHz	PIFA	I-PEX(MHF-4L)	541
		Aux	DQ6WAPLEL17 (WA-P-LELE-02-011)	1.47dBi @ 2.4GHz 2.32dBi @ 5GHz 0.94dBi @ 5.925~6.425GHz 0.69dBi @ 6425~6525GHz 1.18dBi @ 6.525~6.875GHz 1.29dBi @ 6.875~7.125GHz	2.18dB @ 2.4GHz 3.40dB @ 5GHz 3.57dB @ 5.925~6.425GHz 3.64dB @ 6425~6525GHz 3.73dB @ 6.525~6.875GHz 3.84dB @ 6.875~7.125GHz			775
94	LUXSHARE-ICT	Main	DC33001XJ00	2.87dBi @ 2.4GHz 4.28dBi @ 5GHz 4.52dBi @ 5.925~6.425GHz 4.01dBi @ 6425~6525GHz 4.10 dBi @ 6.525~6.875GHz 3.83dBi @ 6.875~7.125GHz	0.80dB @ 2.4GHz 1.24dB @ 5GHz 1.29dB @ 5.925~6.425GHz 1.29dB @ 6425~6525GHz 1.30dB @ 6.525~6.875GHz 1.30dB @ 6.875~7.125GHz	PIFA	I-PEX	300
		Aux	DC33001XJ00	2.76dBi @ 2.4GHz 4.00dBi @ 5GHz 3.61dBi @ 5.925~6.425GHz 3.69dBi @ 6425~6525GHz 4.18dBi @ 6.525~6.875GHz 3.79 dBi @ 6.875~7.125GHz	0.95dB @ 2.4GHz 1.49dB @ 5GHz 1.53dB @ 5.925~6.425GHz 1.54dB @ 6425~6525GHz 1.55dB @ 6.525~6.875GHz 1.55dB @ 6.875~7.125GHz			300

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
95	Shanghai Amphenol Airwave Communication Electronics Co.,Ltd	Main	DC33001XL00	2.81dBi @ 2.4GHz 3.20dBi @ 5GHz 4.05dBi @ 5.925~6.425GHz 4.05dBi @ 6425~6525GHz 3.68 dBi @ 6.525~6.875GHz 3.58dBi @ 6.875~7.125GHz	0.9dB @ 2.4G 1.2dB @ 5G 1.3dB @ 5.925~6.425GHz 1.4dB @ 6425~6525GHz 1.4dB @ 6.525~6.875GHz 1.4dB @ 6.875~7.125GHz	PIFA	I-PEX	300
		Aux	DC33001XL00	1.68dBi @ 2.4GHz 3.85dBi @ 5GHz 4.06dBi @ 5.925~6.425GHz 4.13dBi @ 6425~6525GHz 4.35dBi @ 6.525~6.875GHz 3.88 dBi @ 6.875~7.125GHz	1.1dB @ 2.4GHz 1.5dB @ 5GHz 1.6dB @ 5.925~6.425GHz 1.6dB @ 6425~6525GHz 1.7dB @ 6.525~6.875GHz 1.7dB @ 6.875~7.125GHz			300
96	Speed Wireless Technical Co., LTD.	Main	DC33001XG00	2.11dBi @ 2.4GHz 2.92dBi @ 5GHz 2.96 dBi @ 5.925~6.425GHz 2.35dBi @ 6425~6525GHz 2.96 dBi @ 6.525~6.875GHz 2.96dBi @ 6.875~7.125GHz	0.8dB @ 2.4GHz 1.2dB @ 5GHz 1.28dB @ 5.925~6.425GHz 1.3dB @ 6425~6525GHz 1.31dB @ 6.525~6.875GHz 1.32dB @ 6.875~7.125GHz	PIFA	I-PEX	300
		Aux	DC33001XG00	2.73dBi @ 2.4GHz 2.95dBi @ 5GHz 2.9 dBi @ 5.925~6.425GHz 2.9dBi @ 6425~6525GHz 2.58dBi @ 6.525~6.875GHz 2.81 dBi @ 6.875~7.125GHz	0.94dB @ 2.4GHz 1.42dB @ 5GHz 1.51dB @ 5.925~6.425GHz 1.53dB @ 6425~6525GHz 1.55dB @ 6.525~6.875GHz 1.55dB @ 6.875~7.125GHz			300
97	LUXSHARE-ICT	Main	DC33001XK00	1.77dBi @ 2.4GHz 4.25dBi @ 5GHz 4.47 dBi @ 5.925~6.425GHz 3.98dBi @ 6425~6525GHz 4.37dBi @ 6.525~6.875GHz 2.79 dBi @ 6.875~7.125GHz	0.95dB @ 2.4GHz 1.48dB @ 5GHz 1.54dB @ 5.925~6.425GHz 1.54dB @ 6425~6525GHz 1.55dB @ 6.525~6.875GHz 1.56dB @ 6.875~7.125GHz	PIFA	I-PEX	348
		Aux	DC33001XK00	2.62dBi @ 2.4GHz 3.92dBi @ 5GHz 3.56 dBi @ 5.925~6.425GHz 4.28 dBi @ 6425~6525GHz 4.28dBi @ 6.525~6.875GHz 4.04 dBi @ 6.875~7.125GHz	1.10dB @ 2.4GHz 1.72dB @ 5GHz 1.78dB @ 5.925~6.425GHz 1.79dB @ 6425~6525GHz 1.80dB @ 6.525~6.875GHz 1.81dB @ 6.875~7.125GHz			350

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
98	Shanghai Amphenol Airwave Communication Electronics Co.,Ltd	Main	DC33001XM00	2.86dBi @ 2.4GHz 3.76dBi @ 5GHz 4.43 dBi @ 5.925~6.425GHz 2.86dBi @6425~6525GHz 3.16dBi @6.525~6.875GHz 3.92dBi @6.875~7.125GHz	1.1dB @2.4G 1.5dB @5G 1.6dB @ 5.925~6.425GHz 1.6dB @6425~6525GHz 1.7dB @6.525~6.875GHz 1.7dB @6.875~7.125GHz	PIFA	I-PEX	348
		Aux	DC33001XM00	2.81dBi @ 2.4GHz 3.58dBi @ 5GHz 3.49 dBi @ 5.925~6.425GHz 2.83 dBi @6425~6525GHz 2.96dBi @6.525~6.875GHz 2.59 dBi @6.875~7.125GHz	1.3dB @2.4GHz 1.7dB @5GHz 1.8dB @ 5.925~6.425GHz 1.8dB @6425~6525GHz 1.9dB @6.525~6.875GHz 1.9dB @6.875~7.125GHz			350
99	Speed Wireless Technical Co., LTD.	Main	DC33001XH00	1.62dBi @ 2.4GHz 2.95 dBi @ 5GHz 2.79dBi @ 5.925~6.425GHz 2.6dBi @6425~6525GHz 2.63dBi @6.525~6.875GHz 2.53dBi @6.875~7.125GHz	0.91dBi @ 2.4GHz 1.38 dBi @ 5GHz 1.46dBi @ 5.925~6.425GHz 1.48dBi @6425~6525GHz 1.5dBi @6.525~6.875GHz 1.5dBi @6.875~7.125GHz	PIFA	I-PEX	348
		Aux	DC33001XH00	1.43 dBi @ 2.4GHz 2.72 dBi @ 5GHz 2.04 dBi @ 5.925~6.425GHz 1.81 dBi @6425~6525GHz 2.92 dBi @6.525~6.875GHz 2.6 dBi @6.875~7.125GHz	1.06dBi @ 2.4GHz 1.6 dBi @ 5GHz 1.7dBi @ 5.925~6.425GHz 1.73dBi @6425~6525GHz 1.74dBi @6.525~6.875GHz 1.75dBi @6.875~7.125GHz			350

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
100	AWAN	Main	(NB Mode) AML6Y-100117	-0.49dBi @ 2.4GHz 4.23dBi @ 5GHz 3.76 dBi @ 5.925~6.425GHz 2.03 dBi @6425~6525GHz 2.03 dBi @6.525~6.875GHz 2.56 dBi @6.875~7.125GHz	0.40 dB @2.4GHz 0.63 dB @5GHz 0.71 dB @ 5.925~6.425GHz 0.71 dB @6425~6525GHz 0.71 dB @6.525~6.875GHz 0.71 dB @6.875~7.125GHz	PIFA	IPEX	160
		Aux	(NB Mode) AML6Y-100118	0.74dBi @ 2.4GHz 3.78dBi @ 5GHz 3.54 dBi @ 5.925~6.425GHz 2.42 dBi @6425~6525GHz 1.96 dBi @6.525~6.875GHz 2.15 dBi @6.875~7.125GHz	0.73 dB @2.4GHz 1.11 dB @5GHz 1.34dB @ 5.925~6.425GHz 1.34 dB @6425~6525GHz 1.34 dB @6.525~6.875GHz 1.34 dB @6.875~7.125GHz			318
		Main	(TB Mode) AML6Y-100117	-1.09dBi @ 2.4GHz 3.07dBi @ 5GHz 2.43 dBi @ 5.925~6.425GHz -0.59 dBi @6425~6525GHz 0.30 dBi @6.525~6.875GHz 0.34 dBi @6.875~7.125GHz	0.40 dB @2.4GHz 0.63 dB @5GHz 0.71 dB @ 5.925~6.425GHz 0.71 dB @6425~6525GHz 0.71 dB @6.525~6.875GHz 0.71 dB @6.875~7.125GHz		IPEX	160
		Aux	(TB Mode) AML6Y-100118	-1.40 dBi @ 2.4GHz 1.87 dBi @ 5GHz 1.45 dBi @ 5.925~6.425GHz -0.60 dBi @6425~6525GHz 0.08 dBi @6.525~6.875GHz 1.29 dBi @6.875~7.125GHz	0.73 dB @2.4GHz 1.11 dB @5GHz 1.34dB @ 5.925~6.425GHz 1.34 dB @6425~6525GHz 1.34 dB @6.525~6.875GHz 1.34 dB @6.875~7.125GHz			318

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
101	INPAQ	Main	(NB Mode) MDA-LE-02-002 (14008-04660000)	1.59dBi @ 2.4GHz 4.24dBi @ 5GHz 4.52 dBi @ 5.925~6.425GHz 2.62 dBi @6425~6525GHz 4.02 dBi @6.525~6.875GHz 4.02 dBi @6.875~7.125GHz	0.44 dB @2.4GHz 0.78 dB @5GHz 0.78 dB @ 5.925~6.425GHz 0.78 dB @6425~6525GHz 0.78 dB @6.525~6.875GHz 0.78 dB @6.875~7.125GHz	PIFA	I- PEX(MHF4-L)	155.5
		Aux	(NB Mode) MDA-LE-01-002 (14008-04660100)	2.01dBi @ 2.4GHz 4.76dBi @ 5GHz 4.04 dBi @ 5.925~6.425GHz 3.87 dBi @6425~6525GHz 4.13 dBi @6.525~6.875GHz 3.87 dBi @6.875~7.125GHz	0.89 dB @2.4GHz 1.56 dB @5GHz 1.56 dB @ 5.925~6.425GHz 1.56 dB @6425~6525GHz 1.56 dB @6.525~6.875GHz 1.56dB @6.875~7.125GHz			314.5
		Main	(PAD Mode) MDA-LE-02-002 (14008-04660000)	-0.34dBi @ 2.4GHz 3.78dBi @ 5GHz 2.78 dBi @ 5.925~6.425GHz 1.01 dBi @6425~6525GHz 2.2 dBi @6.525~6.875GHz 1.53 dBi @6.875~7.125GHz	0.44 dB @2.4GHz 0.78 dB @5GHz 0.78 dB @ 5.925~6.425GHz 0.78 dB @6425~6525GHz 0.78 dB @6.525~6.875GHz 0.78 dB @6.875~7.125GHz	PIFA	I- PEX(MHF4-L)	155.5
		Aux	(PAD Mode) MDA-LE-01-002 (14008-04660100)	-0.9 dBi @ 2.4GHz 3.3dBi @ 5GHz 2.26 dBi @ 5.925~6.425GHz -0.22 dBi @6425~6525GHz 3.98 dBi @6.525~6.875GHz 3.98 dBi @6.875~7.125GHz	0.89 dB @2.4GHz 1.56 dB @5GHz 1.56 dB @ 5.925~6.425GHz 1.56 dB @6425~6525GHz 1.56 dB @6.525~6.875GHz 1.56dB @6.875~7.125GHz			314.5



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
102	High-Tek Electronics Co., Ltd	Main	(NB Mode) 219HCTN12198	1.03dBi @ 2.4GHz 2.95dBi @ 5GHz 2.59dBi @ 5.925~6.425GHz 0.05dBi @6425~6525GHz 2.62dBi @6.525~6.875GHz 0.31dBi @6.875~7.125GHz	1.31dB @2.4GHz 2.16dB @5GHz 2.23dB @ 5.925~6.425GHz 2.26dB @6425~6525GHz 2.30dB @6.525~6.875GHz 2.36dB @6.875~7.125GHz	PIFA	I-PEX	535
		Aux	(NB Mode) 219HCTN12197	2.37dBi @ 2.4GHz 2.94dBi @ 5GHz 2.55dBi @ 5.925~6.425GHz 2.54dBi @6425~6525GHz 2.54dBi @6.525~6.875GHz 0.51dBi @6.875~7.125GHz	1.05dB @2.4G 1.61dB @5G 1.80dB @ 5.925~6.425GHz 1.82dB @6425~6525GHz 1.85dB @6.525~6.875GHz 1.90dB @6.875~7.125GHz			430
		Main	(TB Mode) 219HCTN12198	1.84dBi @ 2.4GHz 2.86dBi @ 5GHz 2.90dBi @ 5.925~6.425GHz 1.18dBi @6425~6525GHz 2.60dBi @6.525~6.875GHz 0.16dBi @6.875~7.125GHz	1.31dB @2.4GHz 2.00dB @5GHz 2.23dB @ 5.925~6.425GHz 2.26dB @6425~6525GHz 2.30dB @6.525~6.875GHz 2.36dB @6.875~7.125GHz	PIFA	I-PEX	535
		Aux	(TB Mode) 219HCTN12197	0.80dBi @ 2.4GHz 2.68dBi @ 5GHz 2.81dBi @ 5.925~6.425GHz 1.81dBi @6425~6525GHz 2.01dBi @6.525~6.875GHz 1.93dBi @6.875~7.125GHz	1.05dB @2.4GHz 1.74dB @5GHz 1.80dB @ 5.925~6.425GHz 1.82dB @6425~6525GHz 1.85dB @6.525~6.875GHz 1.90dB @6.875~7.125GHz			430

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
103	Wistron Neweb Corporation	Main	(NB Mode) 48EABP01.SGC LOC	1.84dBi @ 2.4GHz 2.17dBi @ 5GHz 2.64dBi @ 5.925~6.425GHz 1.78dBi @6425~6525GHz 2.98dBi @6.525~6.875GHz 2.98dBi @6.875~7.125GHz	1.00dB @2.4G 1.50dB @5G 1.62dB @ 5.925~6.425GHz 1.67dB @6425~6525GHz 1.71dB @6.525~6.875GHz 1.77dB @6.875~7.125GHz	PIFA	I-PEX	430
		Aux	(NB Mode) 48EABP02.SGC LOC	0.47dBi @ 2.4GHz 2.84dBi @ 5GHz 2.75dBi @ 5.925~6.425GHz 2.50dBi @6425~6525GHz 2.50dBi @6.525~6.875GHz 1.83dBi @6.875~7.125GHz	1.24dB @2.4GHz 1.95dB @5GHz 2.02dB @ 5.925~6.425GHz 2.08dB @6425~6525GHz 2.13dB @6.525~6.875GHz 2.20dB @6.875~7.125GHz			535
		Main	(TB Mode) 48EABP01.SGC LOC	-1.59dBi @ 2.4GHz 2.84dBi @ 5GHz 2.52dBi @ 5.925~6.425GHz 0.16dBi @6425~6525GHz 1.12dBi @6.525~6.875GHz 2.91dBi @6.875~7.125GHz	1.00dB @2.4GHz 1.56dB @5GHz 1.62dB @ 5.925~6.425GHz 1.67dB @6425~6525GHz 1.71dB @6.525~6.875GHz 1.77dB @6.875~7.125GHz	PIFA	IPEX	430
		Aux	(TB Mode) 48EABP02.SGC LOC	-0.54dBi @ 2.4GHz 1.11dBi @ 5GHz 0.63dBi @ 5.925~6.425GHz 1.39dBi @6425~6525GHz 2.10dBi @6.525~6.875GHz 0.30dBi @6.875~7.125GHz	1.24dB @2.4G 1.95dB @5G 2.02dB @ 5.925~6.425GHz 2.08dB @6425~6525GHz 2.13dB @6.525~6.875GHz 2.20dB @6.875~7.125GHz			535
104	INPAQ	Main	WA-P-LELE-04-013 (HQ20604753000)	2.41dBi @ 2.4GHz 2.83dBi @ 5GHz 2.67dBi @ 5.925~6.425GHz 2.87dBi @ 6.425~6.525GHz 2.92dBi @ 6.525~6.875GHz 2.99dBi @ 6.875~7.125GHz	0.78 dB @2.4GHz 1.22dB @5GHz 1.28dB @ 5.925~6.425GHz 1.30dB @ 6.425~6.525GHz 1.33dB @ 6.525~6.875GHz 1.37dB @ 6.875~7.125GHz	PIFA	I-PEX	281
		Aux	WA-P-LELE-04-013 (HQ20604753000)	2.51dBi @ 2.4GHz 2.69dBi @ 5GHz 2.99dBi @ 5.925~6.425GHz 2.81dBi @ 6.425~6.525GHz 2.98dBi @ 6.525~6.875GHz 2.98dBi @ 6.875~7.125GHz	1.21 dB @2.4GHz 1.81dB @5GHz 1.98dB @ 5.925~6.425GHz 2.02dB @ 6.425~6.525GHz 2.07dB @ 6.525~6.875GHz 2.13dB @ 6.875~7.125GHz			437

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
105	ZTX	Main	2.00001569 (HQ20604754000)	2.35dBi @ 2.4GHz 1.40dBi @ 5GHz 0.96dBi @ 5.925~6.425GHz 1.05dBi @ 6.425~6.525GHz 1.62dBi @ 6.525~6.875GHz 1.00dBi @ 6.875~7.125GHz	0.78 dB @2.4G 1.2dB @5G 1.28dB @ 5.925~6.425GHz 1.3dB @ 6.425~6.525GHz 1.33dB @ 6.525~6.875GHz 1.37dB @ 6.875~7.125GHz	PIFA	I-PEX	281
		Aux	2.00001569 (HQ20604754000)	2.47dBi @ 2.4GHz 1.10dBi @ 5GHz 1.08dBi @ 5.925~6.425GHz 1.13dBi @ 6.425~6.525GHz 1.13dBi @ 6.525~6.875GHz 0.86dBi @ 6.875~7.125GHz	1.21 dB @2.4GHz 1.89dB @5GHz 1.98dB @ 5.925~6.425GHz 2.02dB @ 6.425~6.525GHz 2.07dB @ 6.525~6.875GHz 2.13dB @ 6.875~7.125GHz			437
106	INPAQ Corporation	Main	WA-P-LELE-04-014 (HQ20604752000)	2.04dBi @ 2.4GHz 2.89dBi @ 5GHz 2.87dBi @ 5.925~6.425GHz 2.48dBi @ 6.425~6.525GHz 2.97dBi @ 6.525~6.875GHz 2.51dBi @ 6.875~7.125GHz	0.72 dB @2.4GHz 1.12dB @5GHz 1.18dB @ 5.925~6.425GHz 1.20dB @ 6.425~6.525GHz 1.23dB @ 6.525~6.875GHz 1.27dB @ 6.875~7.125GHz	PIFA	I-PEX	263
		Aux	WA-P-LELE-04-014 (HQ20604752000)	2.55dBi @ 2.4GHz 2.91dBi @ 5GHz 2.77dBi @ 5.925~6.425GHz 1.27dBi @ 6.425~6.525GHz 2.59dBi @ 6.525~6.875GHz 2.59dBi @ 6.875~7.125GHz	1.20 dB @2.4GHz 1.79dB @5GHz 1.96dB @ 5.925~6.425GHz 2.00dB @ 6.425~6.525GHz 2.05dB @ 6.525~6.875GHz 2.11dB @ 6.875~7.125GHz			435
107	LUXSHARE-ICT	Main	LA9RF345-CS-H	-1.78dBi @ 2.4GHz 3.30dBi @ 5GHz 2.73 dBi @ 5.925~6.425GHz 1.91 dBi @ 6.425~6.525GHz 1.91 dBi @ 6.525~6.875GHz 0.16 dBi @ 6.875~7.125GHz	0.47 dB @2.4G 0.74 dB @5G 0.75dB @ 5.925~6.425GHz 0.76 dB @6.425~6.525GHz 0.76 dB @ 6.525~6.875GHz 0.77 dB @ 6.875~7.125GHz	PIFA	IPEX-4	192
		Aux	LA9RF346-CS-H	-2.55dBi @ 2.4GHz 4.61dBi @ 5GHz 4.74 dBi @ 5.925~6.425GHz 3.47 dBi @ 6.425~6.525GHz 2.29 dBi @ 6.525~6.875GHz 0.81 dBi @ 6.875~7.125GHz	0.49 dB @2.4G 0.77dB @5G 0.78 dB @ 5.925~6.425GHz 0.79 dB @6.425~6.525GHz 0.80dB @6.525~6.875GHz 0.80 dB @ 6.875~7.125GHz			190

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
108	ZTX	Main	2.00001568 (HQ20604751000)	2.89dBi @ 2.4GHz 2.99dBi @ 5GHz 2.91dBi @ 5.925~6.425GHz 2.57dBi @ 6.425~6.525GHz 2.99dBi @ 6.525~6.875GHz 2.54dBi @ 6.875~7.125GHz	0.72 dB @ 2.4G 1.12dB @ 5G 1.17dB @ 5.925~6.425GHz 1.2dB @ 6.425~6.525GHz 1.23dB @ 6.525~6.875GHz 1.27dB @ 6.875~7.125GHz	PIFA	I-PEX	263
		Aux	2.00001568 (HQ20604751000)	2.66dBi @ 2.4GHz 2.94dBi @ 5GHz 2.80dBi @ 5.925~6.425GHz 2.22dBi @ 6.425~6.525GHz 2.73dBi @ 6.525~6.875GHz 2.85dBi @ 6.875~7.125GHz	1.20 dB @ 2.4G 1.79dB @ 5G 1.94dB @ 5.925~6.425GHz 2.00dB @ 6.425~6.525GHz 2.05dB @ 6.525~6.875GHz 2.11dB @ 6.875~7.125GHz			435
109	Shanghai Amphenol Airwave Communication Electronics Co.,Ltd	Main	DC33001W000	1.7dBi @ 2.4GHz 3.0dBi @ 5GHz 2.4 dBi @ 5.925~6.425GHz 3.5 dBi @ 6.425~6.525GHz 3.9 dBi @ 6.525~6.875GHz 3.9 dBi @ 6.875~7.125GHz	0.5dB @ 2.4GHz 0.7dB @ 5GHz 1.1 dB @ 5.925~6.425GHz 1.2 dB @ 6.425~6.525GHz 1.2 dB @ 6.525~6.875GHz 1.2 dB @ 6.875~7.125GHz	PIFA	I-PEX	153
		Aux	DC33001W000	1.9dBi @ 2.4GHz 3.4dBi @ 5GHz 3.8 dBi @ 5.925~6.425GHz 3.4 dBi @ 6.425~6.525GHz 3.9 dBi @ 6.525~6.875GHz 3.9 dBi @ 6.875~7.125GHz	1.0dB @ 2.4GHz 1.6dB @ 5GHz 1.7 dB @ 5.925~6.425GHz 1.8 dB @ 6.425~6.525GHz 1.8 dB @ 6.525~6.875GHz 1.8 dB @ 6.875~7.125GHz			383
110	LUXSHARE-ICT	Main	DC33001XZ00	2.86dBi @ 2.4GHz 3.89dBi @ 5GHz 4.37 dBi @ 5.925~6.425GHz 3.72 dBi @ 6.425~6.525GHz 4.54 dBi @ 6.525~6.875GHz 3.95 dBi @ 6.875~7.125GHz	0.38dB @ 2.4GHz 0.59dB @ 5GHz 0.61 dB @ 5.925~6.425GHz 0.61 dB @ 6.425~6.525GHz 0.61 dB @ 6.525~6.875GHz 0.61 dB @ 6.875~7.125GHz	PIFA	I-PEX	153
		Aux	DC33001XZ00	2.38dBi @ 2.4GHz 3.48dBi @ 5GHz 4.17 dBi @ 5.925~6.425GHz 4.05 dBi @ 6.425~6.525GHz 3.91 dBi @ 6.525~6.875GHz 3.75 dBi @ 6.875~7.125GHz	0.94dB @ 2.4GHz 1.47dB @ 5GHz 1.52 dB @ 5.925~6.425GHz 1.52 dB @ 6.425~6.525GHz 1.53 dB @ 6.525~6.875GHz 1.54 Db @ 6.875~7.125GHz			383

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
111	Speed Wireless Technical Co., LTD.	Main	DC33001XY00	0.15dBi @ 2.4GHz 3.00dBi @ 5GHz 3.67 dBi @ 5.925~6.425GHz 3.67 dBi @ 6425~6525GHz 3.63dBi @ 6.525~6.875GHz 3.61 dBi @ 6.875~7.125GHz	0.45dB @ 2.4GHz 0.70dB @ 5GHz 0.73 dB @ 5.925~6.425GHz 0.73 dB @ 6425~6525GHz 0.74 dB @ 6.525~6.875GHz 0.75 dB @ 6.875~7.125GHz	PIFA	I-PEX	153
		Aux	DC33001XY00	0.33dBi @ 2.4GHz 4.05dBi @ 5GHz 4.02 dBi @ 5.925~6.425GHz 4.02 dBi @ 6425~6525GHz 3.39 dBi @ 6.525~6.875GHz 3.51 dBi @ 6.875~7.125GHz	1.12dB @ 2.4GHz 1.77dB @ 5GHz 1.81 dB @ 5.925~6.425GHz 1.83 dB @ 6425~6525GHz 1.89 dB @ 6.525~6.875GHz 1.92 dB @ 6.875~7.125GHz			383
112	AWAN	Main	DC33001XQ00	1.95dBi @ 2.4GHz 1.92dBi @ 5GHz 1.42 dBi @ 5.925~6.425GHz -0.80dBi @ 6425~6525GHz -0.53 dBi @ 6.525~6.875GHz -0.18dBi @ 6.875~7.125GHz	0.21dB @ 2.4GHz 0.36dB @ 5GHz 0.40dB @ 5.925~6.425GHz 0.40dB @ 6425~6525GHz 0.40dB @ 6.525~6.875GHz 0.40dB @ 6.875~7.125GHz	PIFA	I-PEX	85
		Aux	DC33001XQ10	1.66dBi @ 2.4GHz 1.02dBi @ 5GHz 2.83 dBi @ 5.925~6.425GHz 0.08 dBi @ 6425~6525GHz -0.15 dBi @ 6.525~6.875GHz -0.66 dBi @ 6.875~7.125GHz	0.70dB @ 2.4GHz 1.19dB @ 5GHz 1.32dB @ 5.925~6.425GHz 1.32dB @ 6425~6525GHz 1.32dB @ 6.525~6.875GHz 1.32dB @ 6.875~7.125GHz			280
113	INPAQ	Main	DC33001XN00	1.95dBi @ 2.4GHz 1.92dBi @ 5GHz 1.42 dBi @ 5.925~6.425GHz -0.80dBi @ 6425~6525GHz -0.53 dBi @ 6.525~6.875GHz -0.18dBi @ 6.875~7.125GHz	0.21dB @ 2.4GHz 0.36dB @ 5GHz 0.40dB @ 5.925~6.425GHz 0.40dB @ 6425~6525GHz 0.40dB @ 6.525~6.875GHz 0.40dB @ 6.875~7.125GHz	PIFA	I-PEX	85
		Aux	DC33001XN10	1.66dBi @ 2.4GHz 1.02dBi @ 5GHz 2.83 dBi @ 5.925~6.425GHz 0.08 dBi @ 6425~6525GHz -0.15 dBi @ 6.525~6.875GHz -0.66 dBi @ 6.875~7.125GHz	0.70dB @ 2.4GHz 1.19dB @ 5GHz 1.32dB @ 5.925~6.425GHz 1.32dB @ 6425~6525GHz 1.32dB @ 6.525~6.875GHz 1.32dB @ 6.875~7.125GHz			280

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
114	AWAN	Main	DC33001XR00 (AYP6Y-100271)	2.93dBi @ 2.4GHz 2.34dBi @ 5GHz 1.25 dBi @ 5.925~6.425GHz 1.81 dBi @ 6425~6525GHz 1.95 dBi @ 6.525~6.875GHz 2.41 dBi @ 6.875~7.125GHz	0.47dB @ 2.4GHz 0.80dB @ 5GHz 0.89dB @ 5.925~6.425GHz 0.89dB @ 6425~6525GHz 0.89dB @ 6.525~6.875GHz 0.89dB @ 6.875~7.125GHz	PIFA	I-PEX	188.3
		Aux	DC33001XR10 (AYP6Y-100272)	-0.07dBi @ 2.4GHz 0.42dBi @ 5GHz 0.89 dBi @ 5.925~6.425GHz -0.21 dBi @ 6425~6525GHz 0.40 dBi @ 6.525~6.875GHz 1.71 dBi @ 6.875~7.125GHz	1.01dB @ 2.4GHz 1.73dB @ 5GHz 1.90dB @ 5.925~6.425GHz 1.90dB @ 6425~6525GHz 1.90dB @ 6.525~6.875GHz 1.90dB @ 6.875~7.125GHz			405.3
115	INPAQ	Main	DC33001XP00	2.93dBi @ 2.4GHz 2.34dBi @ 5GHz 1.25 dBi @ 5.925~6.425GHz 1.81 dBi @ 6425~6525GHz 1.95 dBi @ 6.525~6.875GHz 2.41 dBi @ 6.875~7.125GHz	0.47dB @ 2.4GHz 0.80dB @ 5GHz 0.89dB @ 5.925~6.425GHz 0.89dB @ 6425~6525GHz 0.89dB @ 6.525~6.875GHz 0.89dB @ 6.875~7.125GHz	PIFA	I-PEX	188.3
		Aux	DC33001XP10	-0.07dBi @ 2.4GHz 0.42dBi @ 5GHz 0.89 dBi @ 5.925~6.425GHz -0.21 dBi @ 6425~6525GHz 0.40 dBi @ 6.525~6.875GHz 1.71 dBi @ 6.875~7.125GHz	1.01dB @ 2.4GHz 1.73dB @ 5GHz 1.90dB @ 5.925~6.425GHz 1.90dB @ 6425~6525GHz 1.90dB @ 6.525~6.875GHz 1.90dB @ 6.875~7.125GHz			405.3
116	AWAN	Main	AYP6Y-200051 (1415-099300)	2.98 dBi @ 2.4GHz 4.07 dBi @ 5GHz 3.87 dBi @ 5.925~6.425GHz 2.01 dBi @ 6425~6525GHz 1.76 dBi @ 6.525~6.875GHz 2.95dBi @ 6.875~7.125GHz	0.9 dB @ 2.4G 1.48 dB @ 5G 1.53 dB @ 5.925~6.425GHz 1.55 dB @ 6425~6525GHz 1.61 dB @ 6.525~6.875GHz 1.65 dB @ 6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	359
		Aux	AYP6Y-200051 (1415-099300)	2.53 dBi @ 2.4GHz 4.10 dBi @ 5GHz 4.46 dBi @ 5.925~6.425GHz 3.63 dBi @ 6425~6525GHz 3.57 dBi @ 6.525~6.875GHz 3.00 dBi @ 6.875~7.125GHz	1.10 dB @ 2.4G 1.81 dB @ 5G 1.87 dB @ 5.925~6.425GHz 1.89 dB @ 6425~6525GHz 1.97 dB @ 6.525~6.875GHz 2.02 dB @ 6.875~7.125GHz			432

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
117	Pulse	Main	TZ22260 (1415-099J000)	1.12 dBi @ 2.4GHz 2.95 dBi @ 5GHz 0.26 dBi @5.925~6.425GHz 0.26 dBi @6425~6525GHz 0.65 dBi @6.525~6.875GHz 1.23 dBi @6.875~7.125GHz	1.08 dB @2.4G 1.51 dB @5G 1.60 dB @5.925~6.425GHz 1.61 dB @6425~6525GHz 1.66 dB @6.525~6.875GHz 1.68 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	359
		Aux	TZ22260 (1415-099J000)	2.00 dBi @ 2.4GHz 2.41 dBi @ 5GHz 1.26 dBi @5.925~6.425GHz 0.02 dBi @6425~6525GHz 1.76 dBi @6.525~6.875GHz 2.12 dBi @6.875~7.125GHz	1.30 dB @2.4G 1.82 dB @5G 1.93 dB @5.925~6.425GHz 1.94 dB @6425~6525GHz 2.00 dB @6.525~6.875GHz 2.02 dB @6.875~7.125GHz			432
118	AWAN	Main	AYP6Y-100304 (1415-092C000)	2.93 dBi @ 2.4GHz 4.09 dBi @ 5GHz 4.73 dBi @5.925~6.425GHz 2.55 dBi @6425~6525GHz 2.43 dBi @6.525~6.875GHz 3.15 dBi @6.875~7.125GHz	0.61 dB @2.4G 1.00 dB @5G 1.03 dB @5.925~6.425GHz 1.04 dB @6425~6525GHz 1.09 dB @6.525~6.875GHz 1.11 dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	242
		Aux	AYP6Y-100305 (1415-092B000)	1.43 dBi @ 2.4GHz 1.96 dBi @ 5GHz 3.54 dBi @5.925~6.425GHz 0.32 dBi @6425~6525GHz 1.27 dBi @6.525~6.875GHz -0.30 dBi @6.875~7.125GHz	1.09 dB @2.4G 1.68 dB @5G 1.86 dB @5.925~6.425GHz 1.88 dB @6425~6525GHz 1.96 dB @6.525~6.875GHz 2.01 dB @6.875~7.125GHz			430
119	Pulse	Main	TZ20874 (1415-092U000)	1.96 dBi @ 2.4GHz 3.52 dBi @ 5GHz 3.17 dBi @5.925~6.425GHz 1.98 dBi @6425~6525GHz 1.9 dBi @6.525~6.875GHz 1.56 dBi @6.875~7.125GHz	0.73 dB @2.4G 1.02 dB @5G 1.08 dB @5.925~6.425GHz 1.09 dB @6425~6525GHz 1.12 dB @6.525~6.875GHz 1.13 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	242
		Aux	TZ20875 (1415-092V000)	1.27 dBi @ 2.4GHz 1.12 dBi @ 5GHz 0.72 dBi @5.925~6.425GHz -0.37 dBi @6425~6525GHz -0.37dBi @6.525~6.875GHz -0.42 dBi @6.875~7.125GHz	1.3 dB @2.4G 1.81 dB @5G 1.92 dB @5.925~6.425GHz 1.93 dB @6425~6525GHz 1.99 dB @6.525~6.875GHz 2.01 dB @6.875~7.125GHz			430



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
120	AWAN	Main	AYP6Y-200050 (1415-0992000)	2.98 dBi @ 2.4GHz 3.69 dBi @ 5GHz 4.63 dBi @5.925~6.425GHz 2.90 dBi @6425~6525GHz 2.34 dBi @6.525~6.875GHz 3.98 dBi @6.875~7.125GHz	0.72 dB @2.4G 1.19 dB @5G 1.23 dB @5.925~6.425GHz 1.25 dB @6425~6525GHz 1.30 dB @6.525~6.875GHz 1.33 dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	290
		Aux	AYP6Y-200050 (1415-0992000)	2.37 dBi @ 2.4GHz 3.26 dBi @ 5GHz 4.40 dBi @5.925~6.425GHz 3.44 dBi @6425~6525GHz 2.74 dBi @6.525~6.875GHz 1.87 dBi @6.875~7.125GHz	1.05 dB @2.4G 1.61 dB @5G 1.79 dB @5.925~6.425GHz 1.81 dB @6425~6525GHz 1.89 dB @6.525~6.875GHz 1.93 dB @6.875~7.125GHz			421
121	Pulse	Main	TZ22250 (1415-0991000)	2.64 dBi @ 2.4GHz 2.38 dBi @ 5GHz 1.38 dBi @5.925~6.425GHz 1.36 dBi @6425~6525GHz 1.52 dBi @6.525~6.875GHz 2.63 dBi @6.875~7.125GHz	0.87 dB @2.4G 1.22 dB @5G 1.29 dB @5.925~6.425GHz 1.30 dB @6425~6525GHz 1.34 dB @6.525~6.875GHz 1.36 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	290
		Aux	TZ22250 (1415-0991000)	2.28 dBi @ 2.4GHz 1.44 dBi @ 5GHz 1.96 dBi @5.925~6.425GHz 1.96 dBi @6425~6525GHz 1.14 dBi @6.525~6.875GHz -1.05 dBi @6.875~7.125GHz	1.27 dB @2.4G 1.77 dB @5G 1.88 dB @5.925~6.425GHz 1.89 dB @6425~6525GHz 1.95 dB @6.525~6.875GHz 1.97 dB @6.875~7.125GHz			421
122	AWAN	Main	AYP6Y-200048 (1415-091A000)	2.81 dBi @ 2.4GHz 3.44 dBi @ 5GHz 3.93 dBi @5.925~6.425GHz 3.77 dBi @6425~6525GHz 4.16 dBi @6.525~6.875GHz 4.03 dBi @6.875~7.125GHz	0.95 dB @2.4G 1.51 dB @5G 1.62 dB @5.925~6.425GHz 1.63 dB @6425~6525GHz 1.70 dB @6.525~6.875GHz 1.74 dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	380
		Aux	AYP6Y-200048 (1415-091A000)	2.63 dBi @ 2.4GHz 3.54 dBi @ 5GHz 4.19 dBi @5.925~6.425GHz 3.43 dBi @6425~6525GHz 3.99 dBi @6.525~6.875GHz 4.02 dBi @6.875~7.125GHz	1.17 dB @2.4G 1.93 dB @5G 2.00 dB @5.925~6.425GHz 2.02 dB @6425~6525GHz 2.11 dB @6.525~6.875GHz 2.15 dB @6.875~7.125GHz			470



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
123	Pulse	Main	TW20765 (1415-0912000)	2.55 dBi @ 2.4GHz 2.94 dBi @ 5GHz 1.77 dBi @ 5.925~6.425GHz 1.28 dBi @ 6.425~6.525GHz 1.28 dBi @ 6.525~6.875GHz 2.14 dBi @ 6.875~7.125GHz	1.15 dB @ 2.4G 1.54 dB @ 5G 1.70 dB @ 5.925~6.425GHz 1.70 dB @ 6.425~6.525GHz 1.76 dB @ 6.525~6.875GHz 1.78 dB @ 6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	380
		Aux	TW20765 (1415-0912000)	1.41 dBi @ 2.4GHz 2.57 dBi @ 5GHz -0.21 dBi @ 5.925~6.425GHz -0.49 dBi @ 6.425~6.525GHz 0.51 dBi @ 6.525~6.875GHz -0.74 dBi @ 6.875~7.125GHz	1.42 dB @ 2.4G 1.99 dB @ 5G 2.10 dB @ 5.925~6.425GHz 2.11 dB @ 6.425~6.525GHz 2.17 dB @ 6.525~6.875GHz 2.20 dB @ 6.875~7.125GHz			470
124	AWAN	Main	025.90218.0001 (AYP6Y-100275)	1.66 dBi @ 2.4GHz 2.89 dBi @ 5GHz 1.64 dBi @ 5.925~6.425GHz 0.12 dBi @ 6.425~6.525GHz 1.74 dBi @ 6.525~6.875GHz 2.19 dBi @ 6.875~7.125GHz	0.73 dB @ 2.4G 1.23 dB @ 5G 1.25 dB @ 5.925~6.425GHz 1.25 dB @ 6.425~6.525GHz 1.33 dB @ 6.525~6.875GHz 1.39 dB @ 6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	290
		Aux	025.90219.0001 (AYP6Y-100276)	0.83 dBi @ 2.4GHz 1.92 dBi @ 5GHz 1.20 dBi @ 5.925~6.425GHz -1.38 dBi @ 6.425~6.525GHz -0.60 dBi @ 6.525~6.875GHz 0.03 dBi @ 6.875~7.125GHz	1.37 dB @ 2.4G 2.32 dB @ 5G 2.35 dB @ 5.925~6.425GHz 2.35 dB @ 6.425~6.525GHz 2.56 dB @ 6.525~6.875GHz 2.63 dB @ 6.875~7.125GHz			547
125	High-Tek Electronics Co., Ltd	Main	025.901Y8.0001 (OACAR021011N)	3.14 dBi @ 2.4GHz 2.92 dBi @ 5GHz 4.25 dBi @ 5.925~6.425GHz 4.25 dBi @ 6.425~6.525GHz 1.77 dBi @ 6.525~6.875GHz 1.77 dBi @ 6.875~7.125GHz	0.87 dB @ 2.4G 1.24 dB @ 5G 1.41 dB @ 5.925~6.425GHz 1.42 dB @ 6.425~6.525GHz 1.46 dB @ 6.525~6.875GHz 1.54 dB @ 6.875~7.125GHz	PIFA	I-PEX	286
		Aux	025.901Y9.0001 (OACAR021012N)	1.19 dBi @ 2.4GHz 0.21 dBi @ 5GHz 1.80 dBi @ 5.925~6.425GHz 1.43 dBi @ 6.425~6.525GHz 1.43 dBi @ 6.525~6.875GHz 0.65 dBi @ 6.875~7.125GHz	1.61 dB @ 2.4G 2.5 dB @ 5G 2.61 dB @ 5.925~6.425GHz 2.64 dB @ 6.425~6.525GHz 2.70 dB @ 6.525~6.875GHz 2.85 dB @ 6.875~7.125GHz			544

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
126	WNC	Main	025.901YU.0001 (81EABR15.G05)	2.98 dBi @ 2.4GHz 3.26 dBi @ 5GHz 3.40 dBi @ 5.925~6.425GHz 0.63 dBi @6425~6525GHz 1.75 dBi @6.525~6.875GHz -1.81 dBi @6.875~7.125GHz	0.84 dB @2.4G 1.29 dB @5G 1.36 dB @ 5.925~6.425GHz 1.40 dB @6425~6525GHz 1.44 dB @6.525~6.875GHz 1.48 dB @6.875~7.125GHz	PIFA	IPEX-20565	286
		Aux	025.901YV.0001 (81EABR15.G06)	2.64 dBi @ 2.4GHz 3.01 dBi @ 5GHz 4.58 dBi @ 5.925~6.425GHz 0.39 dBi @6425~6525GHz 1.04 dBi @6.525~6.875GHz -0.94 dBi @6.875~7.125GHz	1.56 dB @2.4G 2.32 dB @5G 2.52 dB @ 5.925~6.425GHz 2.60 dB @6425~6525GHz 2.66 dB @6.525~6.875GHz 2.74 dB @6.875~7.125GHz			544
127	AWAN	Main	025.90216.0001 (AYP6Y-100273)	2.63 dBi @ 2.4GHz 1.44 dBi @ 5GHz 1.65 dBi @ 5.925~6.425GHz 0.13 dBi @6425~6525GHz -0.21 dBi @6.525~6.875GHz 0.57 dBi @6.875~7.125GHz	0.73 dB @2.4G 1.22 dB @5G 1.25 dB @ 5.925~6.425GHz 1.25 dB @6425~6525GHz 1.33 dB @6.525~6.875GHz 1.39 dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	293
		Aux	025.90217.0001 (AYP6Y-100274)	2.24dBi @ 2.4GHz 0.47 dBi @ 5GHz 1.06 dBi @ 5.925~6.425GHz -0.32 dBi @6425~6525GHz -1.11 dBi @6.525~6.875GHz 0.30 dBi @6.875~7.125GHz	1.32 dB @2.4G 2.21 dB @5G 2.26 dB @ 5.925~6.425GHz 2.26 dB @6425~6525GHz 2.38 dB @6.525~6.875GHz 2.52 dB @6.875~7.125GHz			526
128	High-Tek Electronics Co., Ltd	Main	025.901Y6.0001 (OACAR021007N)	2.04 dBi @ 2.4GHz 3.68 dBi @ 5GHz 3.86 dBi @ 5.925~6.425GHz 4.29 dBi @6425~6525GHz 4.29 dBi @6.525~6.875GHz 3.64 dBi @6.875~7.125GHz	0.88 dB @2.4G 1.34 dB @5G 1.41 dB @ 5.925~6.425GHz 1.43 dB @6425~6525GHz 1.47 dB @6.525~6.875GHz 1.55 dB @6.875~7.125GHz	PIFA	IPEX	289
		Aux	025.901Y7.0001 (OACAR021008N)	2.80 dBi @ 2.4GHz 3.58 dBi @ 5GHz 3.88 dBi @ 5.925~6.425GHz 2.67 dBi @6425~6525GHz 2.07 dBi @6.525~6.875GHz 2.19 dBi @6.875~7.125GHz	1.58 dB @2.4G 2.45 dB @5G 2.55 dB @ 5.925~6.425GHz 2.58 dB @6425~6525GHz 2.65 dB @6.525~6.875GHz 2.79 dB @6.875~7.125GHz			522

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
129	WNC	Main	025.901YQ.0001 (81EABR15.G03)	2.98 dBi @ 2.4GHz 2.32 dBi @ 5GHz 1.81 dBi @ 5.925~6.425GHz 1.35 dBi @6425~6525GHz 1.35 dBi @6.525~6.875GHz 1.23 dBi @6.875~7.125GHz	0.84 dB @2.4G 1.27 dB @5G 1.36 dB @ 5.925~6.425GHz 1.41 dB @6425~6525GHz 1.44 dB @6.525~6.875GHz 1.48 dB @6.875~7.125GHz	PIFA	IPEX-20565	289
		Aux	025.901YR.0001 (81EABR15.G04)	1.60 dBi @ 2.4GHz 3.83 dBi @ 5GHz 3.68 dBi @ 5.925~6.425GHz 3.51 dBi @6425~6525GHz 3.32 dBi @6.525~6.875GHz 1.38 dBi @6.875~7.125GHz	1.48 dB @2.4G 2.27 dB @5G 2.39 dB @ 5.925~6.425GHz 2.46 dB @6425~6525GHz 2.52 dB @6.525~6.875GHz 2.59 dB @6.875~7.125GHz			522
130	AWAN	Main	025.9021A.0001 (AYP6Y-100277)	2.53 dBi @ 2.4GHz 2.89 dBi @ 5GHz 2.84 dBi @ 5.925~6.425GHz 2.84 dBi @6425~6525GHz 1.07 dBi @6.525~6.875GHz 2.64 dBi @6.875~7.125GHz	0.73 dB @2.4G 1.20 dB @5G 1.26 dB @ 5.925~6.425GHz 1.26 dB @6425~6525GHz 1.26 dB @6.525~6.875GHz 1.40 dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	296
		Aux	025.9021B.0001 (AYP6Y-100278)	1.94 dBi @ 2.4GHz 2.75 dBi @ 5GHz 2.66 dBi @ 5.925~6.425GHz 2.36 dBi @6425~6525GHz 2.36 dBi @6.525~6.875GHz 1.41 dBi @6.875~7.125GHz	1.43 dB @2.4G 2.35 dB @5G 2.46 dB @ 5.925~6.425GHz 2.46 dB @6425~6525GHz 2.46 dB @6.525~6.875GHz 2.75 dB @6.875~7.125GHz			577
131	High-Tek Electronics Co., Ltd	Main	025.901Y4.0001 (0ACAR021009N)	2.3 dBi @ 2.4GHz 3.21 dBi @ 5GHz 3.88 dBi @ 5.925~6.425GHz 2.95 dBi @6425~6525GHz 3.58 dBi @6.525~6.875GHz 3.01 dBi @6.875~7.125GHz	0.88 dB @2.4G 1.37 dB @5G 1.43 dB @ 5.925~6.425GHz 1.44 dB @6425~6525GHz 1.48 dB @6.525~6.875GHz 1.56 dB @6.875~7.125GHz	PIFA	I-PEX	292
		Aux	025.901Y5.0001 (0ACAR021010N)	1.09 dBi @ 2.4GHz 3.87 dBi @ 5GHz 3.49 dBi @ 5.925~6.425GHz 1.83 dBi @6425~6525GHz 1.83 dBi @6.525~6.875GHz 1.46 dBi @6.875~7.125GHz	1.74 dB @2.4G 2.65 dB @5G 2.80 dB @ 5.925~6.425GHz 2.83 dB @6425~6525GHz 2.91 dB @6.525~6.875GHz 3.07 dB @6.875~7.125GHz			573

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
132	WNC	Main	025.901YS.0001 (81EABR15.G09)	2.73 dBi @ 2.4GHz 1.98dBi @ 5GHz 2.87 dBi @ 5.925~6.425GHz 0.91 dBi @6425~6525GHz 1.67 dBi @6.525~6.875GHz 1.12 dBi @6.875~7.125GHz	0.85 dB @2.4G 1.33 dB @5G 1.38 dB @ 5.925~6.425GHz 1.42 dB @6425~6525GHz 1.45 dB @6.525~6.875GHz 1.5 dB @6.875~7.125GHz	PIFA	IPEX-20565	292
		Aux	025.901YT.0001 (81EABR15.G10)	0.75 dBi @ 2.4GHz 2.18 dBi @ 5GHz 3.13 dBi @ 5.925~6.425GHz 2.77 dBi @6425~6525GHz 4.27 dBi @6.525~6.875GHz 2.39 dBi @6.875~7.125GHz	1.62 dB @2.4G 2.52 dB @5G 2.61 dB @ 5.925~6.425GHz 2.7 dB @6425~6525GHz 2.76 dB @6.525~6.875GHz 2.84 dB @6.875~7.125GHz			573
133	High-Tek Electronics Co., Ltd	Main	DC33002O100 (0ACCN021025N)	2.23dBi @ 2.4GHz 2.91dBi @ 5GHz 2.73 dBi @ 5.925~6.425GHz 2.87 dBi @6425~6525GHz 2.87 dBi @6.525~6.875GHz 2.65 dBi @6.875~7.125GHz	0.71 dB @2.4G 1.08dB @ 5GHz 1.14 dB @ 5.925~6.425GHz 1.15 dB @6425~6525GHz 1.18 dB @6.525~6.875GHz 1.25 dB @6.875~7.125GHz	PIFA	I-PEX4	233
		Aux	DC33002O100 (0ACCN021025N)	-0.02dBi @ 2.4GHz 2.98dBi @ 5GHz 2.83 dBi @ 5.925~6.425GHz 2.83 dBi @6425~6525GHz 2.86 dBi @6.525~6.875GHz 2.07 dBi @6.875~7.125GHz	0.96 dB @2.4G 1.47dB @5G 1.55 dB @ 5.925~6.425GHz 1.57 dB @6425~6525GHz 1.61 dB @6.525~6.875GHz 1.70dB @6.875~7.125GHz			317
134	Shenzhen South Star Technology Ltd	Main	DC33002O000 (N12-7952-R0A)	1.66dBi @ 2.4GHz 2.68dBi @ 5GHz 2.47 dBi @ 5.925~6.425GHz 1.86 dBi @6425~6525GHz 2.35 dBi @6.525~6.875GHz 2.31 dBi @6.875~7.125GHz	0.65 dB @2.4G 0.96dB @5G 1.06 dB @ 5.925~6.425GHz 1.08 dB @6425~6525GHz 1.10dB @6.525~6.875GHz 1.14dB @6.875~7.125GHz	PIFA	I-PEX4	233
		Aux	DC33002O000 (N12-7952-R0A)	1.61dBi @ 2.4GHz 2.47dBi @ 5GHz 2.53 dBi @ 5.925~6.425GHz 2.49 dBi @6425~6525GHz 2.34 dBi @6.525~6.875GHz 2.33 dBi @6.875~7.125GHz	0.88 dB @2.4G 1.35dB @5G 1.44 dB @ 5.925~6.425GHz 1.47 dB@6425~6525GHz 1.50 dB @6.525~6.875GHz 1.55 dB @6.875~7.125GHz			317

Ant. Set	Platform type	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
135	ThinkBook 15 G4 IAP (Metal)	High-Tek Electronics Co., Ltd	Main	(Metal) DC33002O300 (0ACCN021026N)	-1.50dBi @ 2.4GHz -1.40dBi @ 5GHz 0.61 dBi @ 5.925~6.425GHz -1.23 dBi @ 6425~6525GHz 0.62 dBi @ 6.525~6.875GHz -0.41 dBi @ 6.875~7.125GHz	0.83 dB @2.4G 1.28dB @5G 1.33 dB @ 5.925~6.425GHz 1.35dB @ 6425~6525GHz 1.38 dB @ 6.525~6.875GHz 1.46 dB @ 6.875~7.125GHz	PIFA	I-PEX4	273
			Aux	(Metal) DC33002O310 (0ACCN021027N)	-0.62dBi @ 2.4GHz -0.81dBi @ 5GHz 1.29 dBi @ 5.925~6.425GHz 0.16 dBi @ 6425~6525GHz 2.40 dBi @ 6.525~6.875GHz 2.89dBi @ 6.875~7.125GHz	1.1 dB @2.4G 1.7dB @5G 1.77 dB @ 5.925~6.425GHz 1.79 dB @ 6425~6525GHz 1.84 dB @ 6.525~6.875GHz 1.94dB @ 6.875~7.125GHz			363
	ThinkBook 15 G4 IAP (Plastic)	High-Tek Electronics Co., Ltd	Main	(Plastic) DC33002O300 (0ACCN021026N)	-1.00dBi @ 2.4GHz -1.19dBi @ 5GHz 1.84 dBi @ 5.925~6.425GHz 0.85 dBi @ 6425~6525GHz 2.29 dBi @ 6.525~6.875GHz 1.81dBi @ 6.875~7.125GHz	0.83 dB @2.4G 1.18dB @5G 1.33 dB @ 5.925~6.425GHz 1.35 dB @ 6425~6525GHz 1.38 dB @ 6.525~6.875GHz 1.46dB @ 6.875~7.125GHz	PIFA	I-PEX4	273
			Aux	(Plastic) DC33002O310 (0ACCN021027N)	-1.09dBi @ 2.4GHz -0.06dBi @ 5GHz 1.32 dBi @ 5.925~6.425GHz 0.04 dBi @ 6425~6525GHz -0.50 dBi @ 6.525~6.875GHz -0.29dBi @ 6.875~7.125GHz	1.1 dB @2.4G 1.7dB @5G 1.77 dB @ 5.925~6.425GHz 1.79 dB @ 6425~6525GHz 1.84 dB @ 6.525~6.875GHz 1.94dB @ 6.875~7.125GHz			363
Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)	
136	Shenzhen South Star Technology Ltd	Main	DC33002O200 (N12-7953-R0A)	1.32dBi @ 2.4GHz 2.80dBi @ 5GHz 2.54 dBi @ 5.925~6.425GHz 2.65 dBi @ 6425~6525GHz 2.65 dBi @ 6.525~6.875GHz 2.79 dBi @ 6.875~7.125GHz	0.76 dB @2.4G 1.18dB @5G 1.24 dB @ 5.925~6.425GHz 1.26 dB @ 6425~6525GHz 1.29 dB @ 6.525~6.875GHz 1.33dB @ 6.875~7.125GHz	PIFA	I-PEX4	273	
		Aux	DC33002O210 (N12-7954-R0A)	0.92dBi @ 2.4GHz 2.42dBi @ 5GHz 2.33 dBi @ 5.925~6.425GHz 2.30 dBi @ 6425~6525GHz 1.91 dBi @ 6.525~6.875GHz 2.76 dBi @ 6.875~7.125GHz	1.01 dB @2.4G 1.50dB @5G 1.65 dB @ 5.925~6.425GHz 1.68 dB @ 6425~6525GHz 1.72 dB @ 6.525~6.875GHz 1.77dB @ 6.875~7.125GHz			363	

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
137	High-Tek Electronics Co., Ltd	Main	DC33002O500 (0ACCN021029N)	1.51dBi @ 2.4GHz 2.92dBi @ 5GHz 2.94 dBi @ 5.925~6.425GHz 2.9 dBi @6425~6525GHz 2.92 dBi @6.525~6.875GHz 2.37 dBi @6.875~7.125GHz	0.58 dB @2.4G 0.90dB @5G 0.94 dB @ 5.925~6.425GHz 0.95 dB @6425~6525GHz 0.97dB @6.525~6.875GHz 1.03dB @6.875~7.125GHz	PIFA	I-PEX4	192
		Aux	DC33002O510 (0ACCN021030N)	-0.32dBi @ 2.4GHz 2.90dBi @ 5GHz 2.98 dBi @ 5.925~6.425GHz 0.41 dBi @6425~6525GHz 1.99 dBi @6.525~6.875GHz 1.16 dBi @6.875~7.125GHz	1.08 dB @2.4G 1.65dB @5G 1.75dB @ 5.925~6.425GHz 1.77 dB @6425~6525GHz 1.81dB @6.525~6.875GHz 1.91dB @6.875~7.125GHz			357
138	SouthStar	Main	DC33002O400 (N12-7955-R0A)	1.86dBi @ 2.4GHz 2.98dBi @ 5GHz 2.73 dBi @ 5.925~6.425GHz 2.86 dBi @6425~6525GHz 2.86 dBi @6.525~6.875GHz 1.94 dBi @6.875~7.125GHz	0.53 dB @2.4G 0.79dB @5G 0.87dB @ 5.925~6.425GHz 0.89 dB @6425~6525GHz 0.91dB @6.525~6.875GHz 0.94dB @6.875~7.125GHz	PIFA	I-PEX4	192
		Aux	DC33002O410 (N12-7956-R0A)	1.84dBi @ 2.4GHz 1.72dBi @ 5GHz 2.38 dBi @ 5.925~6.425GHz 0.30 dBi @6425~6525GHz 1.34 dBi @6.525~6.875GHz 1.34dBi @6.875~7.125GHz	0.99 dB @2.4G 1.54dB @5G 1.62dB @ 5.925~6.425GHz 1.65 dB @6425~6525GHz 1.69dB @6.525~6.875GHz 1.74dB @6.875~7.125GHz			357

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
139	AWAN	Main	(NB Mode) AYP6Y-100283 (1415-090V0A9)	1.39dBi @ 2.4GHz 0.3dBi @ 5GHz 2.22 dBi @ 5.925~6.425GHz 0.75 dBi @6425~6525GHz 1.28 dBi @6.525~6.875GHz 1.42 dBi @6.875~7.125GHz	1.02 dB @2.4G 1.68 dB @5G 1.74 dB @ 5.925~6.425GHz 1.78 dB @6.425~6.525GHz 1.84 dB @6.525~6.875GHz 1.88 dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	411
		Aux	(NB Mode) AYP6Y-100284 (1415-090W0A9)	0.55dBi @ 2.4GHz 1.42dBi @ 5GHz 0.66 dBi @ 5.925~6.425GHz 0.08 dBi @6425~6525GHz -0.27 dBi @6.525~6.875GHz -0.12 dBi @6.875~7.125GHz	1.48 dB @2.4G 2.45 dB @5G 2.54 dB @ 5.925~6.425GHz 2.60 dB @6.425~6.525GHz 2.67 dB @6.525~6.875GHz 2.73 dB @6.875~7.125GHz			598
	AWAN	Main	(TB Mode) AYP6Y-100283 (1415-090V0A9)	2.05dBi @ 2.4GHz 0.57dBi @ 5GHz -0.16dBi @ 5.925~6.425GHz -0.14 dBi @6425~6525GHz 1.82 dBi @6.525~6.875GHz 1.68 dBi @6.875~7.125GHz	1.02 dB @2.4G 1.68 dB @5G 1.74 dB @ 5.925~6.425GHz 1.78 dB @6.425~6.525GHz 1.84 dB @6.525~6.875GHz 1.88 dB @6.875~7.125GHz	PIFA	I-pex (20565-001R-13)	411
		Aux	(TB Mode) AYP6Y-100284 (1415-090W0A9)	2.56dBi @ 2.4GHz -0.49dBi @ 5GHz 0.37dBi @ 5.925~6.425GHz -1.05 dBi @6425~6525GHz -1.55 dBi @6.525~6.875GHz -3.00 dBi @6.875~7.125GHz	1.48 dB @2.4G 2.45 dB @5G 2.54 dB @ 5.925~6.425GHz 2.60 dB @6.425~6.525GHz 2.67 dB @6.525~6.875GHz 2.73 dB @6.875~7.125GHz			598



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
140	AWAN	Main	(NB Mode) AYP6Y-100285 (1415-08YJ0A9)	2.31dBi @ 2.4GHz -0.59dBi @ 5GHz 2.81 dBi @ 5.925~6.425GHz 2.81 dBi @ @6425~6525GHz 3.33 dBi @ @6.525~6.875GHz 1.24 dBi @ @6.875~7.125GHz	1.07 dB @2.4G 1.64 dB @5G 1.82 dB @ 5.925~6.425GHz 1.87 dB @ @6.425~6.525GHz 1.92 dB @ @6.525~6.875GHz 1.96 dB @ @6.875~7.125GHz	PIFA	i-pex	430
		Aux	(NB Mode) AYP6Y-100286 (1415-08YK0A9)	1.65dBi @ 2.4GHz -1.37dBi @ 5GHz 1.00dBi @ 5.925~6.425GHz 1.00dBi @ @6425~6525GHz 1.57 dBi @ @6.525~6.875GHz 0.41 dBi @ @6.875~7.125GHz	1.65 dB @2.4G 2.63 dB @5G 2.81 dB @ 5.925~6.425GHz 2.88 dB @ @6.425~6.525GHz 2.97 dB @ @6.525~6.875GHz 3.03 dB @ @6.875~7.125GHz			663
	AWAN	Main	(TB Mode) AYP6Y-100285 (1415-08YJ0A9)	2.00dBi @ 2.4GHz 0.73dBi @ 5GHz -0.61dBi @ 5.925~6.425GHz -2.05 dBi @ @6425~6525GHz -0.17 dBi @ @6.525~6.875GHz -0.73 dBi @ @6.875~7.125GHz	1.07 dB @2.4G 1.76 dB @5G 1.82 dB @ 5.925~6.425GHz 1.87 dB @ @6.425~6.525GHz 1.92 dB @ @6.525~6.875GHz 1.96 dB @ @6.875~7.125GHz	PIFA	i-pex	430
		Aux	(TB Mode) AYP6Y-100286 (1415-08YK0A9)	2.76dBi @ 2.4GHz -0.67dBi @ 5GHz -0.55dBi @ 5.925~6.425GHz -0.43dBi @ @6425~6525GHz 0.54dBi @ @6.525~6.875GHz 0.25 dBi @ @6.875~7.125GHz	1.65 dB @2.4G 2.53 dB @5G 2.81 dB @ 5.925~6.425GHz 2.88 dB @ @6.425~6.525GHz 2.97 dB @ @6.525~6.875GHz 3.03 dB @ @6.875~7.125GHz			663
141	PSA	Main	RFDPA141000SB LB702 +ACA-0023- 6G0C1-A1	2.179 dBi @ 2.4GHz 3.485 dBi @ 5GHz	N/A	PIFA	R-SMA (RF Cable:IPEX4)	163.53 (RF Cable: 23)
		Aux	RFDPA141000SB LB701 +ACA-0023- 6G0C1-A1	2.468 dBi @ 2.4GHz 3.368 dBi @ 5GHz	N/A			163.53 (RF Cable: 23)
142	MAG. LAYERS	Main	EDA-9762-6G0R1- A1 + ACA-0023- 6G0C1-A1 or ACA-0050- 6G0C1-A18	1.56 dBi @ 2.4GHz 2.29 dBi @ 5.15~5.85GHz 0.34 dBi @ 5.925~6.425GHz -1.17 dBi @ 6.425~6.525GHz -3.96 dBi @ 6.525~6.875GHz -2.02 dBi @ 6.875~7.125GHz	0.25 dB @ 2.4GHz 0.91 dB @ 5.15~5.85GHz 0.94 dBi @ 5.925~6.425GHz 0.95 dBi @ 6.425~6.525GHz 0.98 dBi @ 6.525~6.875GHz 1.12 dBi @ 6.875~7.125GHz	PIFA	RP-SMA PLUG (RF Cable:IPEX4)	800 (RF Cable: 23 or 50)
		Aux	EDA-9762-6G0R1- A1 + ACA-0023- 6G0C1-A1 or ACA-0050- 6G0C1-A18	0.38 dBi @ 2.4GHz 0.89 dBi @ 5.15~5.85GHz 0.27 dBi @ 5.925~6.425GHz 0.27 dBi @ 6.425~6.525GHz 2.11 dBi @ 6.525~6.875GHz -1.03 dBi @ 6.875~7.125GHz	0.22 dB @ 2.4GHz 0.52 dB @ 5.15~5.85GHz 0.55 dBi @ 5.925~6.425GHz 0.62 dBi @ 6.425~6.525GHz 0.68 dBi @ 6.525~6.875GHz 0.74 dBi @ 6.875~7.125GHz			800 (RF Cable: 23 or 50)

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
143	WNC	Main	81EABS15.G19 (DC33002OD00)	2.35dBi @ 2.4GHz 3.16dBi @ 5GHz 0.5 dBi @ 5.925~6.425GHz 0.67 dBi @6425~6525GHz 3.52 dBi @6.525~6.875GHz 3.52 dBi @6.875~7.125GHz	1.30 dB @2.4G 1.95dB @5G 2.22 dBi @ 5.925~6.425GHz 2.28 dBi @6425~6525GHz 2.35 dBi @6.525~6.875GHz 2.26 dBi @6.875~7.125GHz	PIFA	I-PEX	450
		Aux	81EABS15.G20 (DC33002OD10)	2.83dBi @ 2.4GHz 2.06dBi @ 5GHz 2.21 dBi @ 5.925~6.425GHz 2.21 dBi @6425~6525GHz 2.14 dBi @6.525~6.875GHz 2.13 dBi @6.875~7.125GHz	3.36 dB @2.4G 3.82 dB @5G 3.98 dBi @ 5.925~6.425GHz 4.06 dBi @6425~6525GHz 1.30 dBi @6.525~6.875GHz 1.95 dBi @6.875~7.125GHz			780
144	WNC	Main	81EABS15.G07 (DC33002NJ00)	2.60dBi @ 2.4GHz 3.39dBi @ 5GHz 3.84 dBi @ 5.925~6.425GHz 2.48 dBi @6425~6525GHz 2.53 dBi @6.525~6.875GHz 2.09 dBi @6.875~7.125GHz	0.45dB @2.4G 0.67dB @5G 0.64 dBi @ 5.925~6.425GHz 0.74 dBi @6425~6525GHz 0.78 dBi @6.525~6.875GHz 0.83 dBi @6.875~7.125GHz	PIFA	I-PEX	175.5
		Aux	81EABS15.G08 (DC33002NJ10)	0.10dBi @ 2.4GHz 3.09dBi @ 5GHz 2.82 dBi @ 5.925~6.425GHz 2.95 dBi @6425~6525GHz 3.25 dBi @6.525~6.875GHz 2.88 dBi @6.875~7.125GHz	1.07 dB @2.4G 1.52 dB @5G 1.62 dBi @ 5.925~6.425GHz 1.66 dBi @6425~6525GHz 1.70 dBi @6.525~6.875GHz 1.75 dBi @6.875~7.125GHz			417.5
145	WNC	Main	81EABS15.G09 (DC33002NN00)	0.47dBi @ 2.4GHz 2.34dBi @ 5GHz 1.41 dBi @ 5.925~6.425GHz 1.28 dBi @6425~6525GHz 0.99 dBi @6.525~6.875GHz 1.88 dBi @6.875~7.125GHz	0.66dB @2.4G 0.99dB @5G 1.07 dBi @ 5.925~6.425GHz 1.11 dBi @6425~6525GHz 1.13 dBi @6.525~6.875GHz 1.17 dBi @6.875~7.125GHz	PIFA	I-PEX	239
		Aux	81EABS15.G10 (DC33002NN10)	1.68dBi @ 2.4GHz 2.51dBi @ 5GHz 1.45 dBi @ 5.925~6.425GHz 1.45 dBi @6425~6525GHz 0.44 dBi @6.525~6.875GHz 0.46 dBi @6.875~7.125GHz	1.2 dB @2.4G 1.79dB @5G 1.94 dBi @ 5.925~6.425GHz 2 dBi @6425~6525GHz 2.05 dBi @6.525~6.875GHz 2.11 dBi @6.875~7.125GHz			433

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
146	WNC	Main	81EABS15.G40 (DC33002OK00)	2.54dBi @ 2.4GHz 2.93dBi @ 5GHz 3.48 dBi @ 5.925~6.425GHz 2.05 dBi @6425~6525GHz 1.93 dBi @6.525~6.875GHz 1.45 dBi @6.875~7.125GHz	1.15dB @2.4G 1.80dB @5G 1.87 dBi @ 5.925~6.425GHz 1.93 dBi @6425~6525GHz 1.97 dBi @6.525~6.875GHz 2.03 dBi @6.875~7.125GHz	PIFA	IPEX 20565	416
		Aux	81EABS15.G41 (DC33002OK10)	2.53dBi @ 2.4GHz 2.96dBi @ 5GHz 2.58 dBi @ 5.925~6.425GHz 0.85 dBi @6425~6525GHz 1.43 dBi @6.525~6.875GHz 0.79 dBi @6.875~7.125GHz	1.99 dB @2.4G 2.97 dB @5G 3.22 dBi @ 5.925~6.425GHz 3.32 dBi @6425~6525GHz 3.40 dBi @6.525~6.875GHz 3.50 dBi @6.875~7.125GHz			718
147	WNC	Main	81EABS15.G54 (DC33002PG00)	2.48dBi @ 2.4GHz 1.41dBi @ 5GHz 0.88 dBi @ 5.925~6.425GHz 1.74 dBi @6425~6525GHz 1.74 dBi @6.525~6.875GHz 1.15 dBi @6.875~7.125GHz	1.57 dB @2.4G 2.28 dB @5G 2.22 dBi @ 5.925~6.425GHz 2.39 dBi @6425~6525GHz 2.43 dBi @6.525~6.875GHz 2.48 dBi @6.875~7.125GHz	PIFA	IPEX 20565	611.5
		Aux	81EABS15.G55 (DC33002PG10)	1.21dBi @ 2.4GHz 0.17dBi @ 5GHz 0.84 dBi @ 5.925~6.425GHz 1.21 dBi @6425~6525GHz 1.21 dBi @6.525~6.875GHz 0.85 dBi @6.875~7.125GHz	2.06 dB @2.4G 2.95 dB @5G 3.07 dBi @ 5.925~6.425GHz 3.11 dBi @6425~6525GHz 3.15 dBi @6.525~6.875GHz 3.20 dBi @6.875~7.125GHz			799.5
148	TAIWAN SPEED WIRELESS TECHNOLOGY CO., LTD.	Main	F-0G-48-6001-003-00	0.42 dBi@2.4GHz 2.61 dBi@5GHz 1.58 dBi @ 5.925~6.425GHz 1.81 dBi @6425~6525GHz 2.55 dBi @6.525~6.875GHz 2.62 dBi @6.875~7.125GHz	0.55 dB @2.4G 1.25 dB @5G 1.4 dB @ 5.925~6.425GHz 1.51 dB @6425~6525GHz 1.6 dB @6.525~6.875GHz 1.63 dB @6.875~7.125GHz	PIFA	I-PEX IV	220
		Aux	F-0G-48-6001-003-00	0.36dBi@2.4GHz 2.82dBi@5GHz 2.73 dBi @ 5.925~6.425GHz 1.49 dBi @6425~6525GHz 0.55 dBi @6.525~6.875GHz 0.72 dBi @6.875~7.125GHz	0.55 dB @2.4G 1.38 dB @5G 1.4 dB @ 5.925~6.425GHz 1.51 dB @6425~6525GHz 1.6 dB @6.525~6.875GHz 1.63 db @6.875~7.125GHz			220

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss (dBi)	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
149	High-Tek Electronics Co., Ltd	Main	SA31F36397 (0ACAVC21006N)	2.78 dBi @2.4GHz 2.93 dBi @5GHz 2.97 dBi @ 5.925~6.425GHz 1.56 dBi @6425~6525GHz 2.94 dBi @6.525~6.875GHz 2.94 dBi @6.875~7.125GHz	0.67 dB @2.4G 1.03 dB @5G 1.08 dB @ 5.925~6.425GHz 1.09 dB @6425~6525GHz 1.12 dB @6.525~6.875GHz 1.18 dB @6.875~7.125GHz	PIFA	I-PEX	220
		Aux	SA31F36397 (0ACAVC21006N)	2.91 dBi @2.4GHz 2.93 dBi @5GHz 2.36 dBi @ 5.925~6.425GHz 2.15 dBi @6425~6525GHz 2.60 dBi @6.525~6.875GHz 2.23 dBi @6.875~7.125GHz	0.67 dB @2.4G 1.02 dB @5G 1.08 dB @ 5.925~6.425GHz 1.09 dB @6425~6525GHz 1.12 dB @6.525~6.875GHz 1.18 dB @6.875~7.125GHz			220
150	AWAN	Main	(Clamshell mode) AYP6Y-100291	1.99 dBi @2.4GHz 1.62 dBi @5GHz 3.68 dBi @5.925~6.425GHz 3.88 dBi @6.425~6.525GHz 4.42 dBi @6.525~6.875GHz 3.42 dBi @6.875~7.125GHz	0.3 dBi @2.4GHz 0.4 dBi @5GHz 0.6 dB @5.925~6.425GHz 0.6 dB @6.425~6.525GHz 0.6 dB @6.525~6.875GHz 0.7 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	107
		Aux	(Clamshell mode) AYP6Y-100292	2.02 dBi @2.4GHz 0.52 dBi @5GHz 0.79 dBi @5.925~6.425GHz 1.29 dBi @6.425~6.525GHz 1.29 dBi @6.525~6.875GHz 0.80 dBi @6.875~7.125GHz	0.8 dBi @2.4GHz 1.2 dBi @5GHz 1.6 dB @5.925~6.425GHz 1.6 dB @6.425~6.525GHz 1.7 dBi @6.525~6.875GHz 1.7 dB @6.875~7.125GHz			286
		Main	(Table mode) AYP6Y-100291	2.68 dBi @2.4GHz 4.18 dBi @5GHz 2.46 dBi @5.925~6.425GHz 3.64 dBi @6.425~6.525GHz 4.30 dBi @6.525~6.875GHz 2.51 dBi @6.875~7.125GHz	0.3 dBi @2.4GHz 0.4 dBi @5GHz 0.6 dB @5.925~6.425GHz 0.6 dB @6.425~6.525GHz 0.6 dB @6.525~6.875GHz 0.7 dB @6.875~7.125GHz	PIFA	IPEX (20565-001R-13)	107
		Aux	(Table mode) AYP6Y-100292	2.40 dBi @2.4GHz 2.93 dBi @5GHz 2.89 dBi @5.925~6.425GHz 1.42 dBi @6.425~6.525GHz 1.95 dBi @6.525~6.875GHz 1.25 dBi @6.875~7.125GHz	0.8 dBi @2.4GHz 1.2 dBi @5GHz 1.6 dB @5.925~6.425GHz 1.6 dB @6.425~6.525GHz 1.7 dBi @6.525~6.875GHz 1.7 dB @6.875~7.125GHz			286

## Newly

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
151	AWAN	Main	025.901V8.0001 (AYM6Y-100020)	1.93 dBi @ 2.4GHz 1.81 dBi @ 5GHz 1.83 dBi @ 5.925~6.425GHz 1.78 dBi @ 6425~6525GHz 1.78 dBi @ 6.525~6.875GHz 1.97 dBi @ 6.875~7.125GHz	1.76 dB @ 2.4G 2.65 dB @ 5G 2.87 dB @ 5.925~6.425GHz 2.89 dB @ 6425~6525GHz 3.02 dB @ 6.525~6.875GHz 3.07 dB @ 6.875~7.125GHz	PIFA	I-pex: 20565-001R-13 Kangshuo : MHF B13-N-01	570
		Aux	025.901V9.0001 (AYM6Y-100021)	1.92 dBi @ 2.4GHz 1.77 dBi @ 5GHz 1.87 dBi @ 5.925~6.425GHz 1.70 dBi @ 6425~6525GHz 1.80 dBi @ 6.525~6.875GHz 1.91 dBi @ 6.875~7.125GHz	1.86 dB @ 2.4G 2.88 dB @ 5G 3.02 dB @ 5.925~6.425GHz 3.02 dB @ 6425~6525GHz 3.18 dB @ 6.525~6.875GHz 3.23 dB @ 6.875~7.125GHz			600
152	High-Tek Electronics Co., Ltd	Main	025.901V2.0001 (OACAR020024 N)	2.91 dBi @ 2.4GHz 2.97 dBi @ 5GHz 2.88 dBi @ 5.925~6.425GHz 2.66 dBi @ 6425~6525GHz 2.83 dBi @ 6.525~6.875GHz 2.65 dBi @ 6.875~7.125GHz	1.86 dB @ 2.4G 3.16 dB @ 5G 3.36 dB @ 5.925~6.425GHz 3.40 dB @ 6425~6525GHz 3.58 dB @ 6.525~6.875GHz 3.77 dB @ 6.875~7.125GHz	PIFA	I-pex C87P132-00002-H	570
		Aux	025.901V3.0001 (OACAR020025 N)	1.26 dBi @ 2.4GHz 2.94 dBi @ 5GHz 2.73 dBi @ 5.925~6.425GHz 0.66 dBi @ 6425~6525GHz 0.54 dBi @ 6.525~6.875GHz 1.73 dBi @ 6.875~7.125GHz	1.95 dB @ 2.4G 3.26 dB @ 5G 3.53 dB @ 5.925~6.425GHz 3.58 dB @ 6425~6525GHz 3.77 dB @ 6.525~6.875GHz 3.97 dB @ 6.875~7.125GHz			600
153	AWAN	Main	025.901V6.0001 (AYM6Y-100018)	1.66 dBi @ 2.4GHz 2.47 dBi @ 5GHz 2.38 dBi @ 5.925~6.425GHz 2.19 dBi @ 6425~6525GHz 2.40 dBi @ 6.525~6.875GHz 2.25 dBi @ 6.875~7.125GHz	1.40 dB @ 2.4G 2.35dB @ 5G 2.41 dB @ 5.925~6.425GHz 2.43 dB @ 6425~6525GHz 2.69 dB @ 6.525~6.875GHz 2.71 dB @ 6.875~7.125GHz	PIFA	I-pex: 20565-001R-13 Kangshuo : MHF B13-N-01	560
		Aux	025.901V7.0001 (AYM6Y-100019)	0.76 dBi @ 2.4GHz 2.35 dBi @ 5GHz 2.33 dBi @ 5.925~6.425GHz 2.14 dBi @ 6425~6525GHz 1.78 dBi @ 6.525~6.875GHz 1.78 dBi @ 6.875~7.125GHz	1.78 dB @ 2.4G 2.98 dB @ 5GHz 3.05dB @ 5.925~6.425GHz 3.08 dB @ 6425~6525GHz 3.41 dB @ 6.525~6.875GHz 3.45 dB @ 6.875~7.125GHz			710

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
154	High-Tek Electronics Co., Ltd	Main	025.901V4.0001 (OACAR020026N)	1.54 dBi @ 2.4GHz 2.97 dBi @ 5GHz 2.79 dBi @ 5.925~6.425GHz 0.91 dBi @ 6425~6525GHz 2.60 dBi @ 6.525~6.875GHz 2.60 dBi @ 6.875~7.125GHz	1.82 dB @ 2.4G 3.05 dB @ 5G 3.30 dB @ 5.925~6.425GHz 3.34 dB @ 6425~6525GHz 3.52 dB @ 6.525~6.875GHz 3.71 dB @ 6.875~7.125GHz	PIFA	I-pex C87P132-00002-H	560
		Aux	025.901V5.0001 (OACAR020027N)	2.20 dBi @ 2.4GHz 1.77 dBi @ 5GHz 2.82 dBi @ 5.925~6.425GHz 2.46 dBi @ 6425~6525GHz 1.80 dBi @ 6.525~6.875GHz 0.85 dBi @ 6.875~7.125GHz	2.31 dB @ 2.4G 3.82 dB @ 5G 4.18 dB @ 5.925~6.425GHz 4.24 dB @ 6425~6525GHz 4.46 dB @ 6.525~6.875GHz 4.70 dB @ 6.875~7.125GHz			710
155	AWAN	Main	AML6Y-100117	-0.49dBi @ 2.4GHz 4.23dBi @ 5GHz 3.76 dBi @ 5.925~6.425GHz 2.03 dBi @ 6425~6525GHz 2.03 dBi @ 6.525~6.875GHz 2.56 dBi @ 6.875~7.125GHz	0.4 dB @ 2.4G 0.63dB @ 5G 0.71 dB @ 5.925~6.425GHz 0.71 dB @ 6425~6525GHz 0.71 dB @ 6.525~6.875GHz 0.71 dB @ 6.875~7.125GHz	PIFA	i-pex(MHF)	160
		Aux	AML6Y-100118	0.74dBi @ 2.4GHz 3.78dBi @ 5GHz 3.54 dBi @ 5.925~6.425GHz 2.42 dBi @ 6425~6525GHz 1.96 dBi @ 6.525~6.875GHz 2.15 dBi @ 6.875~7.125GHz	0.73 dB @ 2.4G 1.11dB @ 5G 1.34 dB @ 5.925~6.425GHz 1.34 dB @ 6425~6525GHz 1.34 dB @ 6.525~6.875GHz 134 dB @ 6.875~7.125GHz			318
156	INPAQ	Main	MDA-LE-02-002	1.59dBi @ 2.4GHz 4.24dBi @ 5GHz 4.52 dBi @ 5.925~6.425GHz 2.62 dBi @ 6425~6525GHz 4.02 dBi @ 6.525~6.875GHz 4.02 dBi @ 6.875~7.125GHz	0.44 dB @ 2.4G 0.78dB @ 5G 0.78 dB @ 5.925~6.425GHz 0.78 dB @ 6425~6525GHz 0.78 dB @ 6.525~6.875GHz 0.78 dB @ 6.875~7.125GHz	PIFA	I-PEX MHF4-L	160
		Aux	MDA-LE-01-002	2.01dBi @ 2.4GHz 4.76dBi @ 5GHz 4.04 dBi @ 5.925~6.425GHz 3.87 dBi @ 6425~6525GHz 4.13 dBi @ 6.525~6.875GHz 3.87 dBi @ 6.875~7.125GHz	0.89 dB @ 2.4G 1.56dB @ 5G 1.56 dB @ 5.925~6.425GHz 1.56 dB @ 6425~6525GHz 1.56 dB @ 6.525~6.875GHz 1.56 dB @ 6.875~7.125GHz			314.5

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
157	INPAQ	Main	WA-P-LBLB-04-091	2.63dBi @ 2.4GHz 2.54dBi @ 5GHz 1.16dBi @ 5.925~6.425GHz 1.16 dBi @ 6.425~6.525GHz 1.14 dBi @ 6.525~6.875GHz 1.44 dBi @ 6.875~7.125GHz	1.45 dB @ 2.4G 2.35 dB @ 5G 2.35 dB @ 5.925~6.425GHz 2.35 dB @ 6.425~6.525GHz 2.35 dB @ 6.525~6.875GHz 2.35 dB @ 6.875~7.125GHz	PIFA	I-PEX MHF4-L	470
		Aux	WA-P-LBLB-04-091	2.98dBi @ 2.4GHz 3.43dBi @ 5GHz 1.25 dBi @ 5.925~6.425GHz -0.62 dBi @ 6.425~6.525GHz 4.3 dBi @ 6.525~6.875GHz 4.01 dBi @ 6.875~7.125GHz	1.45 dB @ 2.4G 2.35 dB @ 5G 2.35 dB @ 5.925~6.425GHz 2.35 dB @ 6.425~6.525GHz 2.35 dB @ 6.525~6.875GHz 2.35 dB @ 6.875~7.125GHz			470
158	AWAN	Main	AYP6Y-200032	2.55dBi @ 2.4GHz 2.04dBi @ 5GHz 0.51dBi @ 5.925~6.425GHz 0.51dBi @ 6.425~6.525GHz 0.67 dBi @ 6.525~6.875GHz 1.23 dBi @ 6.875~7.125GHz	1.31 dB @ 2.4G 2.07 dB @ 5G 2.26 dB @ 5.925~6.425GHz 2.26 dB @ 6.425~6.525GHz 2.26 dB @ 6.525~6.875GHz 2.26 dB @ 6.875~7.125GHz	PIFA	IPEX NGFF	470
		Aux	AYP6Y-200032	2.94dBi @ 2.4GHz 3.35dBi @ 5GHz 1.18dBi @ 5.925~6.425GHz -1.31dBi @ 6.425~6.525GHz 3.9 dBi @ 6.525~6.875GHz 3.72 dBi @ 6.875~7.125GHz	1.31 dB @ 2.4G 2.07 dB @ 5G 2.26 dB @ 5.925~6.425GHz 2.26 dB @ 6.425~6.525GHz 2.26 dB @ 6.525~6.875GHz 2.26 dB @ 6.875~7.125GHz			470
159	WNC	Main	81EABS15.G68 (DC33002PU00)	2.23 dBi @ 2.4GHz 2.92 dBi @ 5GHz 2.86 dBi @ 5.925~6.425GHz 2.58 dBi @ 6.425~6.525GHz 2.80 dBi @ 6.525~6.875GHz 2.78 dBi @ 6.875~7.125GHz	0.56 dB @ 2.4G 0.87dB @ 5G 0.91 dB @ 5.925~6.425GHz 0.93 dB @ 6.425~6.525GHz 0.96 dB @ 6.525~6.875GHz 0.98 dB @ 6.875~7.125GHz	PIFA	I-PEX	202
		Aux	81EABS15.G69 (DC33002PU10)	2.69 dBi @ 2.4GHz 2.94 dBi @ 5GHz 2.84 dBi @ 5.925~6.425GHz 2.71 dBi @ 6.425~6.525GHz 2.71 dBi @ 6.525~6.875GHz 2.42 dBi @ 6.875~7.125GHz	1.33 dB @ 2.4G 1.96 dB @ 5G 2.15 dB @ 5.925~6.425GHz 2.22 dB @ 6.425~6.525GHz 2.27 dB @ 6.525~6.875GHz 2.34 dB @ 6.875~7.125GHz			479



Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
160	WNC	Main	81EABS15.G73 (DC33002Q700)	2.61 dBi @ 2.4GHz 2.00 dBi @ 5GHz 2.00 dBi @ 5.925~6.425GHz 1.53 dBi @ 6425~6525GHz 1.56 dBi @ 6.525~6.875GHz 2.77 dBi @ 6.875~7.125GHz	1.36 dB @ 2.4G 2.01 dB @ 5G 2.20 dB @ 5.925~6.425GHz 2.27 dB @ 6425~6525GHz 2.33 dB @ 6.525~6.875GHz 2.39 dB @ 6.875~7.125GHz	PIFA	IPEX 20565-001R-13	491
		Aux	81EABS15.G74 (DC33002Q710)	2.94 dBi @ 2.4GHz 2.33 dBi @ 5GHz 2.49 dBi @ 5.925~6.425GHz 2.44 dBi @ 6425~6525GHz 2.70 dBi @ 6.525~6.875GHz 2.70 dBi @ 6.875~7.125GHz	1.82 dB @ 2.4G 2.79 dB @ 5G 2.94 dB @ 5.925~6.425GHz 3.03 dB @ 6425~6525GHz 3.10 dB @ 6.525~6.875GHz 3.19 dB @ 6.875~7.125GHz			665
161	High-Tek Electronics Co., Ltd	Main	DC33002R600 (OACCN022001 N)	1.81dBi @ 2.4GHz 4.21dBi @ 5GHz 4.27 dBi @ 5.925~6.425GHz 3.63 dBi @ 6425~6525GHz 4.17 dBi @ 6.525~6.875GHz 3.66dBi @ 6.875~7.125GHz	0.41 dB @ 2.4G 0.71dB @ 5G 0.78 dB @ 5.925~6.425GHz 0.78 dB @ 6425~6525GHz 0.71 dB @ 6.525~6.875GHz 0.92 dB @ 6.875~7.125GHz	PIFA	I-PEX C87P115-00002-H	150
		Aux	DC33002R610 (OACCN022002 N)	2.69dBi @ 2.4GHz 4.22dBi @ 5GHz 4.26 dBi @ 5.925~6.425GHz 3.72 dBi @ 6425~6525GHz 4.19 dBi @ 6.525~6.875GHz 3.87dBi @ 6.875~7.125GHz	0.86 dB @ 2.4G 1.47dB @ 5G 1.61 dB @ 5.925~6.425GHz 1.61 dB @ 6425~6525GHz 1.67 dB @ 6.525~6.875GHz 1.73 dB @ 6.875~7.125GHz			310
162	PULSE	Main	DC33002R500 (TZ2381D)	1.07dBi @ 2.4GHz 3.77dBi @ 5GHz 4.09 dBi @ 5.925~6.425GHz 2.63 dBi @ 6425~6525GHz 3.46 dBi @ 6.525~6.875GHz 3.22dBi @ 6.875~7.125GHz	0.42 dB @ 2.4G 0.65dB @ 5G 0.76 dB @ 5.925~6.425GHz 0.77 dB @ 6425~6525GHz 0.81 dB @ 6.525~6.875GHz 0.83 dB @ 6.875~7.125GHz	PIFA	I-PEX	150
		Aux	DC33002R510 (TZ2381E)	2.59dBi @ 2.4GHz 3.86dBi @ 5GHz 3.99 dBi @ 5.925~6.425GHz 3.16 dBi @ 6425~6525GHz 3.70 dBi @ 6.525~6.875GHz 3.51dBi @ 6.875~7.125GHz	0.52 dB @ 2.4G 0.81dB @ 5G 0.94 dB @ 5.925~6.425GHz 0.95 dB @ 6425~6525GHz 1.00 dB @ 6.525~6.875GHz 1.03 dB @ 6.875~7.125GHz			186

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
163	INPAQ	Main	HQ20604968000 WA-P-LB-02-942 (NB Mode)	2.07dBi @ 2.4GHz 1.73dBi @ 5GHz 1.63dBi @ 5.925~6.425GHz -0.74dBi @ 6.425~6.525GHz -0.47dBi @ 6.525~6.875GHz 0.19dBi @ 6.875~7.125GHz	0.85 dB @2.4G 1.27dB @5G 1.38dB @ 5.925~6.425GHz 1.41dB @ 6.425~6.525GHz 1.44dB @ 6.525~6.875GHz 1.49dB @ 6.875~7.125GHz	PIFA	I-pex:20565-001R-13 KangShuo:MH F-B13-N-01	402
		Aux	HQ20604969000 WA-P-LB-03-181 (NB Mode)	0.91dBi @ 2.4GHz 1.63dBi @ 5GHz 2.15dBi @ 5.925~6.425GHz -0.82dBi @ 6.425~6.525GHz -0.55dBi @ 6.525~6.875GHz 0.33dBi @ 6.875~7.125GHz	1.03 dB @2.4G 1.58dB @5G 1.68dB @ 5.925~6.425GHz 1.71dB @ 6.425~6.525GHz 1.75dB @ 6.525~6.875GHz 1.81dB @ 6.875~7.125GHz			573
	INPAQ	Main	HQ20604968000 WA-P-LB-02-942 (PAD Mode)	1.57dBi @ 2.4GHz 1.23dBi @ 5GHz 1.13dBi @ 5.925~6.425GHz -1.24dBi @ 6.425~6.525GHz -0.97dBi @ 6.525~6.875GHz -0.31dBi @ 6.875~7.125GHz	0.85 dB @2.4G 1.27dB @5G 1.38dB @ 5.925~6.425GHz 1.41dB @ 6.425~6.525GHz 1.44dB @ 6.525~6.875GHz 1.49dB @ 6.875~7.125GHz	PIFA	I-pex:20565-001R-13 KangShuo:MH F-B13-N-01	402
		Aux	HQ20604969000 WA-P-LB-03-181 (PAD Mode)	0.41dBi @ 2.4GHz 1.13dBi @ 5GHz 1.65dBi @ 5.925~6.425GHz -1.32dBi @ 6.425~6.525GHz -1.05dBi @ 6.525~6.875GHz -0.17dBi @ 6.875~7.125GHz	1.03 dB @2.4G 1.58dB @5G 1.68dB @ 5.925~6.425GHz 1.71dB @ 6.425~6.525GHz 1.75dB @ 6.525~6.875GHz 1.81dB @ 6.875~7.125GHz			573

Ant. Set	Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
164	ZTX	Main	HQ20604973000 (2.00005367) (NB Mode)	1.82dBi @ 2.4GHz 1.48dBi @ 5GHz 1.38dBi @ 5.925~6.425GHz -0.99dBi @ 6.425~6.525GHz -0.72dBi @ 6.525~6.875GHz -0.06dBi @ 6.875~7.125GHz	0.85 dB @2.4G 1.27dB @5G 1.38dB @ 5.925~6.425GHz 1.41dB @ 6.425~6.525GHz 1.44dB @ 6.525~6.875GHz 1.49dB @ 6.875~7.125GHz	PIFA	I-pex:20565-001R-13 KangShuo:MH F-B13-N-01	402
		Aux	HQ20604974000 (2.00005368) (NB Mode)	0.66dBi @ 2.4GHz 1.38dBi @ 5GHz 1.90dBi @ 5.925~6.425GHz -1.07dBi @ 6.425~6.525GHz -0.80dBi @ 6.525~6.875GHz 0.08dBi @ 6.875~7.125GHz	1.03 dB @2.4G 1.58dB @5G 1.68dB @ 5.925~6.425GHz 1.71dB @ 6.425~6.525GHz 1.75dB @ 6.525~6.875GHz 1.81dB @ 6.875~7.125GHz			573
	ZTX	Main	HQ20604973000 (2.00005367) (PAD Mode)	1.32dBi @ 2.4GHz 0.98dBi @ 5GHz 0.88dBi @ 5.925~6.425GHz -1.49dBi @ 6.425~6.525GHz -1.22dBi @ 6.525~6.875GHz -0.56dBi @ 6.875~7.125GHz	1.24 dB @2.4G 1.84dB @5G 2.03dB @ 5.925~6.425GHz 2.08dB @ 6.425~6.525GHz 2.14dB @ 6.525~6.875GHz 2.21dB @ 6.875~7.125GHz	PIFA	I-pex:20565-001R-13 KangShuo:MH F-B13-N-01	402
		Aux	HQ20604974000 (2.00005368) (PAD Mode)	0.16dBi @ 2.4GHz 0.88dBi @ 5GHz 1.40dBi @ 5.925~6.425GHz -1.57dBi @ 6.425~6.525GHz -1.3dBi @ 6.525~6.875GHz -0.42dBi @ 6.875~7.125GHz	1.55 dB @2.4G 2.39dB @5G 2.54dB @ 5.925~6.425GHz 2.59dB @ 6.425~6.525GHz 2.65dB @ 6.525~6.875GHz 2.73dB @ 6.875~7.125GHz			573

- 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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