JAPAN RADIO TEST REPORT

Equipment	:	MetroLin Outdoor 60GHz PTP + 5GHz + 2.4GHz
Brand Name	:	Ignitenet
Model Name	:	ML1-60-35/ML1-60-19
Applicant	:	Accton Technology Corporation No. 1, Creation 3rd Rd., Science-based Industrial Park, HsinChu 300, Taiwan, R.O.C.
Manufacturer (1)	:	Joy Technology (Shen Zhen) Co. Ltd HengKeng Ind., Shangpai, Shangwu, Aiqun Rd., Shiyan Town, Shenzhen 518108 China
Manufacturer (2)	:	Accton Technology Corporation No. 1, Creation 3rd Rd., Science-based Industrial Park, HsinChu 300, Taiwan, R.O.C.
Standard	:	MIC Certification Rule, Article 2 Paragraph 1 Item 19-3-2

The product was received on Apr. 12, 2018, and testing was started from May 05, 2018 and completed on May 30, 2018 . We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in MIC Notice No.88 Appendix No.45 and shown compliance with the applicable MIC Ordinance Regulating Radio Equipment Article 49.20 and ARIB STD-T71 technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
JR7D2234-05AB	01	Initial issue of report	Jul. 02, 2018

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	RLE:6	Frequency Band	PASS	-
3.1	ORE:5	Frequency Error	PASS	-
3.2	ORE:6	Occupied Bandwidth	PASS	-
3.3	ORE:49.20	Antenna Power, EIRP Power	PASS	-
3.3	ORE:14	Antenna Power Error	PASS	-
3.4	ORE:49.20	Transmit Power Control (TPC)	PASS	-
3.5	ORE:49.20	Adjacent Channel Power	PASS	-
3.6	ORE:49.20	Transmitter Out-band Emissions	PASS	-
3.7	ORE:7, Table 3	Transmitter Spurious Emissions	PASS	-
3.8	ORE:24	Receiver Spurious Emissions	PASS	-
3.9	TR:9	Identification Code	PASS	-
3.10	ORE:49.20	Transmission Burst Length	PASS	-
3.11	TR:9	Carrier Sense	PASS	-
3.12	ORE:49.20	EUT Construction Protection	PASS	-

RLE: Radio Law Enforcement Regulations
ORE: Ordinance Regulating Radio Equipment
TR: Terminal and Other Equipment Regulations
NT: Notification of the Ministry of Internal Affairs and Communications

Reviewed by: Sam Chen

Report Producer: Wendy Pan

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5470-5725	a, n (HT20), ac (VHT20)	5500-5700	100-140 [11]
5470-5725	n (HT40), ac (VHT40)	5510-5670	102-134 [5]
5470-5725	ac (VHT80)	5530-5610	106-122 [2]

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX

Note 1:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

Note 2: This device contains 60GHz transmitter approval module.

Mode	Declared Power (mW/MHz)
802.11a_Nss1_2TX	0.49
802.11ac VHT20_Nss1,(MCS0)_2TX	0.49
802.11ac VHT40_Nss1,(MCS0)_2TX	0.24
802.11ac VHT80_Nss1,(MCS0)_2TX	0.12

1.1.2 Frequency Band

Frequency Band	
☐	W52:
	☐ (20MHz) - 5180, 5200, 5220, 5240 MHz
	☐ (40MHz) - 5190, 5230MHz
	☐ (80MHz) - 5210MHz
☐	W53:
	☐ (20MHz) - 5260, 5280, 5300, 5320 MHz;;
	☐ (40MHz) - 5270, 5310MHz
	☐ (80MHz) - 5290MHz
☐	W52+W53:
	☐ (160MHz) contiguous – 5250MHz
☒	W56:
	☒ (20MHz) - 5500, 5520, 5540, 5560, 5580, 5600, 5620, 5640, 5660, 5680, 5700MHz;
	☒ (40MHz) - 5510, 5550, 5590, 5630, 5670MHz
	☒ (80MHz) - 5530, 5610MHz
	☐ (160MHz) contiguous - 5570MHz
☐	W52+W56: (80+80 MHz) non-contiguous - 5210, 5530MHz or 5210, 5610MHz
☐	W53+W56: (80+80 MHz) non-contiguous - 5290, 5530MHz or 5290, 5610MHz

1.1.3 Table for Multiple Listing

The EUT has two model names which are identical to each other in all aspects except for the following table:

Brand Name	Model Name	EUT No.	WLAN 2.4GHz Ant. Model Name	WLAN 5GHz Ant. Model Name	60GHz Ant. Model Name
Ignitenet	ML1-60-35	EUT 1	OS-242509-NM	120G00000174X	123400001485A
	ML1-60-19	EUT 2	OS-242509-NM	120G00000175X	123400001486A

From the above models, model: ML1-60-35 was selected as representative model for the test and its data was recorded in this report.

1.1.4 Antenna Information

For WLAN Function:

Set	Brand	P/N (Model Name)	Antenna Type	Connector	Antenna Gain (dBi)		Cable Loss (dB)		True Gain (dBi)	
					2.4GHz	5GHz	2.4GHz	5GHz	2.4GHz	5GHz
1	FT-RF	OS-242509-NM	Dipole	N-Male	9	-	1.18	-	7.82	-
2	Accton	120G00000174X	Dish Ant.	MMCX	-	20	-	-	-	20
3	Accton	120G00000175X	Dish Ant.	MMCX	-	13.4	-	-	-	13.4

Note: EUT 1 go with Set 1 and Set 2 antennas.
EUT 2 go with Set 1 and Set 3 antennas.
Because 5GHz Set 2 and Set 3 are the same type antennas, only the higher gain antenna "Set 2" was tested.
For 2.4GHz function:
For IEEE 802.11b/g/n mode (2TX/2RX):
Port 1 and Port 2 connect to Set 1.
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For 5GHz function:
For IEEE 802.11a/n/ac mode (2TX/2RX):
Port 1 and Port 2 connect to Set 2 or Set 3.
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.

For 60GHz Function:

Ant.	Brand	Part Number	Antenna Type	Connector	Gain (dBi)
1	Accton	123400001485A	Dish Ant.	N/A	42
2	Accton	123400001486A	Dish Ant.	N/A	38

Note: EUT 1 go with antenna 1.
EUT 2 go with antenna 2.
The device contains 60GHz approval module.

1.1.5 EUT Information

EUT Power Type	From PoE or DC 48V			
TPC Function	☒	With TPC	☐	Without TPC
Operate Mode	☒	Master		
	☐	Slave with radar detection		
	☐	Slave without radar detection		
Test Software Version	QCARCT(V3.0.187.0)			

1.1.6 Mode Test Duty Cycle

Mode	DC	DCF(dB)
802.11a_Nss1_2TX	0.966	0.15
802.11ac VHT20_Nss1,(MCS0)_2TX	0.985	0.066
802.11ac VHT40_Nss1,(MCS0)_2TX	0.966	0.15
802.11ac VHT80_Nss1,(MCS0)_2TX	0.936	0.287

1.1.7 Power Supply Voltage Fluctuation

For PoE

Fluctuation	AC Input Power(V)	DC Output Power(V)	Variation (%)
Normal Vol	100	48.3	-
High Vol	110	48.6	0.621118
Low Vol	90	48.1	-0.414079

For DC 48V

Fluctuation	DC Input Power(V)	DC Output Power(V)	Variation (%)
Normal Vol	48	3.32	-
High Vol	52.8	3.32	0.000000
Low Vol	43.2	3.33	0.301205

Note: Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage X 100. During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- MIC Ordinance Regulating Radio Equipment Article 49.20
- MIC Notice No.88 Appendix No.45

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Owen Hsu, Serway Li, Paul Chen	20°C / 54%	May 05, 2018 ~ May 30, 2018

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission	1.7 dB	Confidence levels of 95%
Radio frequency	$6.6*10^{-8}$ MHz	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1_2TX	-
5500MHz	2
5600MHz	2.5
5700MHz	3
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5500MHz	2
5600MHz	2.5
5700MHz	3
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5510MHz	2
5590MHz	2.5
5670MHz	3
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5530MHz	2
5610MHz	2.5

2.2 The Worst Case Measurement Configuration

Tests Item	Frequency Error, Occupied Bandwidth, Antenna Power, Antenna Power Error, EIRP Power, Transmit Power Control (TPC), Adjacent Channel Power, Transmitter Out-band Emissions, Transmitter Spurious Emissions, Receiver Spurious Emissions, Transmission Burst Length, Identification Code, Carrier Sense
Test Condition	Conducted measurement at transmit chains.

Note: 1. The EUT can only be used at Y axis position.
2. The PoE is for measurement only, would not be marketed, and its information as below:

Equipment	Brand	Model	FCC ID
PoE	GME	GME241DA-480050G	N/A

2.3 EUT Operation during Test

During the test, "QCARCT(V3.0.187.0)" under WIN 7 was executed the test program to control the EUT continuously transmit/receive RF signal.

2.4 Accessories

N/A

2.5 Support Equipment

For Other test:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E4300	N/A
2	PoE	GME	GME241DA-480050G	N/A

For Carrier Sensing test:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook*2	DELL	E4300	N/A
2	WLAN Dongle	Ralink	AU5200	N/A
3	PoE	GME	GME241DA-480050G	N/A

3 Test Result

3.1 Frequency Error

3.1.1 Frequency Error Limit

Frequency Error Limit
≤ ± 20 ppm

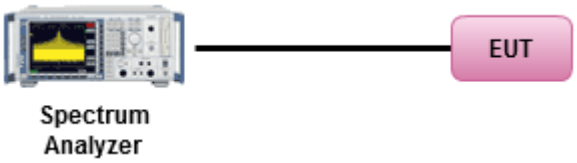
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 3.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 3.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 3.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 3.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 3.6

3.1.4 Test Setup

Frequency Error


3.1.5 Test Result of Frequency Error

Refer as Appendix A

3.2 Occupied Bandwidth

3.2.1 Occupied Bandwidth Limit

Occupied Bandwidth Limit
(BW_{ch} 20MHz) [W52/W53] - ≤ 18MHz (OFDM, DSSS, Other); (BW_{ch} 20MHz) [W56] - ≤ 19.7MHz (OFDM, DSSS, Other); (BW_{ch} 40MHz) - ≤ 38MHz (OFDM); (BW_{ch} 80MHz) - ≤ 78MHz (OFDM); (BW_{ch} 160MHz - contiguous) - ≤ 158MHz (OFDM) (BW_{ch} 80+80MHz - non-contiguous) - ≤ 78MHz (OFDM)

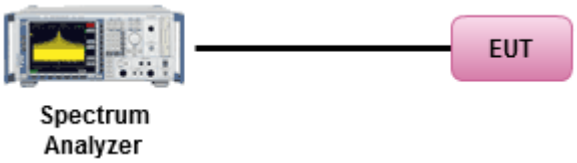
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 4.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 4.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 4.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 4.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 4.6

3.2.4 Test Setup

Occupied Bandwidth


3.2.5 Test Result of Occupied Bandwidth

Refer as Appendix B

3.3 Antenna Power, Antenna Power Error and EIRP Power

3.3.1 Antenna Power, Antenna Power Error and EIRP Power Limit

Antenna Power Limit (mW/MHz)
W52/W53/W56: (BW_{ch} 20MHz) - ≤10; (BW_{ch} 40MHz) - ≤5; (BW_{ch} 80MHz) - ≤2.5; (BW_{ch} 160MHz) - ≤1.25;

Antenna Power Error Limit (%)
W52/W53: +20% ~ -80%; W56: +50% ~ -50%

EIRP Limit (mW/MHz)
W52 (BW_{ch} 20MHz) - ≤10 ; (BW_{ch} 40MHz) - ≤5 ; (BW_{ch} 80MHz) - ≤2.5 ; (BW_{ch} 160MHz) - ≤1.25 ***W53 with TPC*** (BW_{ch} 20MHz) - ≤10 ; (BW_{ch} 40MHz) - ≤5 ; (BW_{ch} 80MHz) - ≤2.5 ; (BW_{ch} 160MHz) - ≤1.25 ***W53 w/o TPC*** (BW_{ch} 20MHz) - ≤5 ; (BW_{ch} 40MHz) - ≤2.5 ; (BW_{ch} 80MHz) - ≤1.25 ; (BW_{ch} 160MHz) - ≤0.625 ***W56 with TPC*** (BW_{ch} 20MHz) - ≤50 ; (BW_{ch} 40MHz) - ≤25 ; (BW_{ch} 80MHz) - ≤12.5 ; (BW_{ch} 160MHz) - ≤6.25 ***W56 w/o TPC*** (BW_{ch} 20MHz) - ≤25 ; (BW_{ch} 40MHz) - ≤12.5 ; (BW_{ch} 80MHz) - ≤6.25 ; (BW_{ch} 160MHz) - ≤3.125

3.3.2 Measuring Instruments

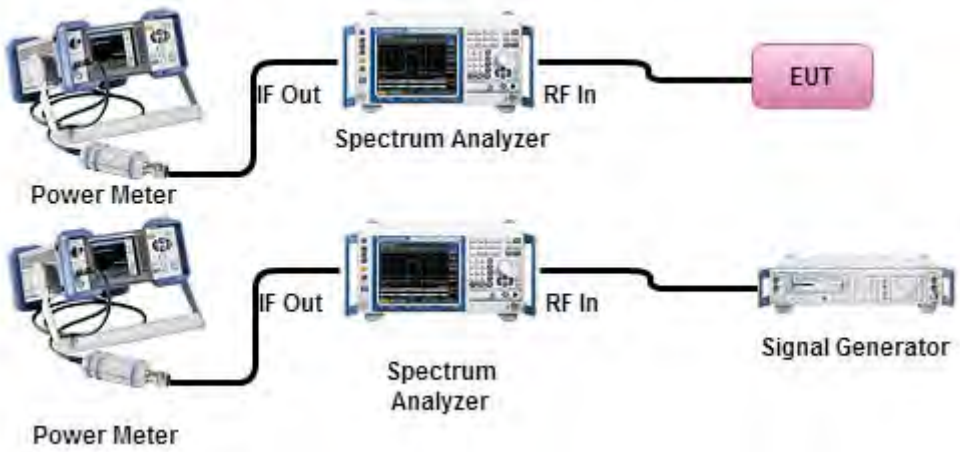
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 6.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 6.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 6.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 6.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 6.6

3.3.4 Test Setup

Antenna Power, Antenna Power Error



3.3.5 Test Result of Antenna Power, Antenna Power Error and EIRP Power

Refer as Appendix C

3.4 Transmit Power Control (TPC)

3.4.1 Transmit Power Control (TPC) Limit

Transmit Power Control (TPC) Limit
TPC ≥ 3dB decrease of maximum antenna power
If the companion device and EUT cannot be established, then it is difficult to measure. Verify in TPC technical document (the ability to decrease by 3dB antenna power).

3.4.2 Measuring Instruments

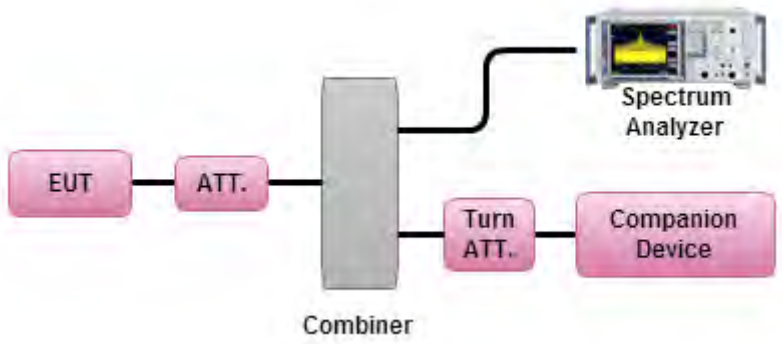
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.45, clause 11.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.45, clause 11.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.45, clause 11.4
Presentation of Results	MIC Notice No.88 Appendix No.45, clause 11.5
Other Conditions	MIC Notice No.88 Appendix No.45, clause 11.6

3.4.4 Test Setup

Transmit Power Control (TPC)



3.4.5 Test Result of Transmit Power Control (TPC)

Refer as Appendix D

3.5 Adjacent Channel Power

3.5.1 Adjacent Channel Power Limit

Adjacent Channel Power Limit
(BW_{ch} 20MHz & CP/OBW≤18MHz) - fc±20MHz ≥25dB; fc±40MHz ≥40dB (BW_{ch} 20MHz & CP/OBW≤19MHz) - fc±20MHz ≥25dB; fc±40MHz ≥40dB (BW_{ch} 40MHz & CP/OBW≤38MHz) - fc±40MHz ≥25dB; fc±80MHz ≥40dB (BW_{ch} 80MHz & CP/OBW≤78MHz) - fc±80MHz ≥25dB (BW_{ch} 80+80MHz & CP/OBW≤78MHz) - fc±80MHz ≥25dB (BW_{ch} 160MHz & CP/OBW≤158MHz) - N/A

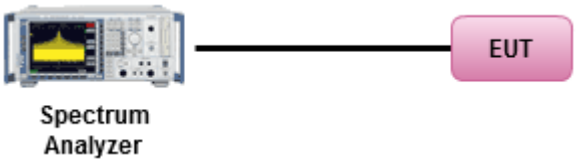
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.45, clause 7.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.45, clause 7.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.45, clause 7.4
Presentation of Results	MIC Notice No.88 Appendix No.45, clause 7.5
Other Conditions	MIC Notice No.88 Appendix No.45, clause 7.6

3.5.4 Test Setup

Adjacent Channel Power


3.5.5 Test Result of Adjacent Channel Power

Refer as Appendix E

3.6 Transmitter Out-band Emissions

3.6.1 Transmitter Out-band Emissions Limit

W52 - BW_{ch} 20MHz (OBW≤18MHz)					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5140	5142	0.0025	0.0025	-26	-26
5142	5150	0.015	0.015	-18	-18
5250	5251	1	0.1	0	-10
5251	5260	0.1	0.0158	-10	-18
5260	5266.7	0.0158	0.0025	-18	-26
5266.7	5360	0.0025	0.0025	-26	-26

W52 - BW_{ch} 40MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5100	5141.6	0.0025	0.0025	-26	-26
5141.6	5150	0.015	0.015	-18	-18
5250	5251	0.5	0.05	-3	-13
5251	5270	0.05	0.0079	-13	-21
5270	5278.4	0.0079	0.0025	-21	-26
5278.4	5400	0.0025	0.0025	-26	-26

W52 - BW_{ch} 80MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5020	5123.2	0.0025	0.0025	-26	-26
5123.2	5150	0.015	0.015	-18	-18
5250	5251	0.25	0.025	-6	-16
5251	5290	0.025	0.0040	-16	-24
5290	5296.7	0.0040	0.0025	-24	-26
5296.7	5480	0.0025	0.0025	-26	-26

W53 - BW_{ch} 20MHz (OBW≤18MHz)					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5140	5233.3	0.0025	0.0025	-26	-26
5233.3	5240	0.0025	0.0158	-26	-18
5240	5249	0.0158	0.1	-18	-10
5249	5250	0.1	1	-10	0
5350	5360	0.0025	0.0025	-26	-26

W53 - BW_{ch} 40MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5100	5210	0.0025	0.0025	-26	-26
5210	5221.6	0.0025	0.0025	-26	-26
5221.6	5230	0.0025	0.0079	-26	-21
5230	5249	0.0079	0.05	-21	-13
5249	5250	0.05	0.5	-13	-3
5350	5358.4	0.015	0.015	-18	-18
5358.4	5400	0.0025	0.0025	-26	-26

W53 - BW_{ch} 80MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5020	5203.3	0.0025	0.0025	-26	-26
5203.3	5210	0.0025	0.0040	-26	-24
5210	5249	0.0040	0.025	-24	-16
5249	5250	0.025	0.25	-16	-6
5350	5376.8	0.015	0.015	-18	-18
5376.8	5480	0.0025	0.0025	-26	-26

W52+W53 - BW_{ch} 160MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
4916	5099.6	0.0025	0.0025	-26	-26
5099.6	5150	0.015	0.015	-18	-18
5350	5400.4	0.015	0.015	-18	-18
5400.4	5584	0.0025	0.0025	-26	-26

W56 - BW_{ch} 20MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5455	5460	0.0025	0.0025	-26	-26
5460	5470	0.015	0.0125	-19	-19
5725	5740	0.015	0.0125	-19	-19
5740	5745	0.0025	0.0025	-26	-26

W56 - BW_{ch} 40MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5420	5460	0.0125	0.0125	-19	-19
5460	5470	0.05	0.05	-13	-13
5725	5760	0.0125	0.0125	-19	-19

W56 - BW_{ch} 80MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5340	5460	0.0125	0.0125	-19	-19
5460	5469.5	0.05	0.05	-13	-13
5469.5	5470	0.0512	0.0512	-12.9	-12.9
5725	5800	0.0125	0.0125	-19	-19

W56 - BW_{ch} 160MHz					
Out Band Emissions		EIRP Limit			
Range (MHz)		mW/MHz		dBm/MHz	
5236	5419.6	0.0125	0.0125	-19	-19
5419.6	5470	0.05	0.05	-13	-13
5725	5904	0.0125	0.0125	-19	-19

3.6.2 Measuring Instruments

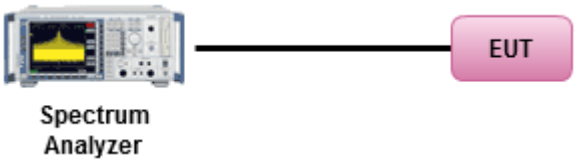
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.45, clause 7.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.45, clause 7.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.45, clause 7.4
Presentation of Results	MIC Notice No.88 Appendix No.45, clause 7.5
Other Conditions	MIC Notice No.88 Appendix No.45, clause 7.6

3.6.4 Test Setup

Transmitter Out-band Emissions



3.6.5 Test Result of Transmitter Out-band Emissions

Refer as Appendix F

3.7 Transmitter Spurious Emissions

3.7.1 Transmitter Spurious Emissions Limit

W52 - BW_{ch} 20MHz (OBW≤18MHz)						
Transmitter Spurious Emissions					Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5140	16	40	5180	2.5	-26
5360	26000	16	40	5320	2.5	-26
W52 - BW_{ch} 40MHz						
Transmitter Spurious Emissions					EIRP Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5100	36	90	5190	2.5	-26
5400	26000	36	90	5310	2.5	-26
W52 - BW_{ch} 80MHz						
Transmitter Spurious Emissions					Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5020	76	190	5210	2.5	-26
5480	26000	76	190	5290	2.5	-26

W53 - BW_{ch} 20MHz (OBW≤18MHz)						
Transmitter Spurious Emissions					Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5140	16	40	5180	2.5	-26
5360	26000	16	40	5320	2.5	-26
W53- BW_{ch} 40MHz						
Transmitter Spurious Emissions					Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5100	36	90	5190	2.5	-26
5400	26000	36	90	5310	2.5	-26
W53 - BW_{ch} 80MHz						
Transmitter Spurious Emissions					Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5020	76	190	5210	2.5	-26
5480	26000	76	190	5290	2.5	-26

W52+W53 - BW_{ch} 160MHz						
Transmitter Spurious Emissions					Limit	
Range (MHz)		Bn (MHz)	1.5xBn+100	fc (MHz)	uW/MHz	dBm/MHz
30	4916	156	334	5250	2.5	-26
5584	26000	156	334	5250	2.5	-26

W56 - BW_{ch} 20MHz						
Transmitter Spurious Emissions					EIRP Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5455	18	45	5500	2.5	-26
5745	26000	18	45	5700	2.5	-26
W56 - BW_{ch} 40MHz						
Transmitter Spurious Emissions					EIRP Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5420	36	90	5510	2.5	-26
5760	26000	36	90	5670	2.5	-26
W56 - BW_{ch} 80MHz						
Transmitter Spurious Emissions					EIRP Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5340	76	190	5530	2.5	-26
5800	26000	76	190	5610	2.5	-26
W56 - BW_{ch} 160MHz						
Spurious Emissions					EIRP Limit	
Range (MHz)		Bn (MHz)	2.5xBn	fc (MHz)	uW/MHz	dBm/MHz
30	5236	156	334	5570	2.5	-26
5904	26000	156	334	5570	2.5	-26

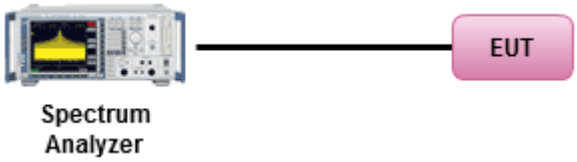
3.7.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.1, clause 1.3
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.1, clause 1.4
Measuring Operation Procedures	MIC Notice No.88 Appendix No.1, clause 1.5
Presentation of Results	MIC Notice No.88 Appendix No.1, clause 1.6

3.7.4 Test Setup

Transmitter Spurious Emissions


3.7.5 Test Result of Transmitter Spurious Emissions

Refer as Appendix G

3.8 Receiver Spurious Emissions

3.8.1 Receiver Spurious Emissions Limit

RX Spurious Emission		Limit			
Range (MHz)		nW		dBm	
30	1000	4	4	-54	-54
1000	26000	20	20	-47	-47

3.8.2 Measuring Instruments

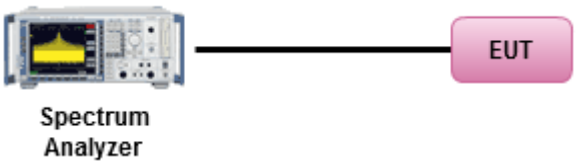
Refer a test equipment and calibration data table in this test report.

3.8.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 7.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 7.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 7.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 7.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 7.6

3.8.4 Test Setup

Receiver Spurious Emissions



3.8.5 Test Result of Receiver Spurious Emissions

Refer as Appendix H

3.9 Identification Code

3.9.1 Identification Code Limit

Identification Code Limit
≤ 19 bits

3.9.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.9.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 12.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 12.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 12.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 12.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 12.6

3.9.4 Test Setup

Identification Code


3.9.5 Test Result of Identification Code

Refer as Appendix I

3.10 Transmission Burst Length

3.10.1 Transmission Burst Length Limit

Transmission Burst Length Limit
≤ 4msec. (OFDM)

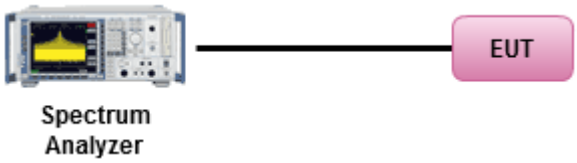
3.10.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.10.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.45, clause 10.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.45, clause 10.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.45, clause 10.4
Presentation of Results	MIC Notice No.88 Appendix No.45, clause 10.5
Other Conditions	MIC Notice No.88 Appendix No.45, clause 10.6

3.10.4 Test Setup

Transmission Burst Length


3.10.5 Test Result of Transmission Burst Length

Refer as Appendix J

3.11 Carrier Sense

3.11.1 Carrier Sense Limit

Carrier Sense Limit
Stop transmission for interference signal level above 100mV/m (or level at 22.79+Gr-20*log(f) [dBm])

3.11.2 Measuring Instruments

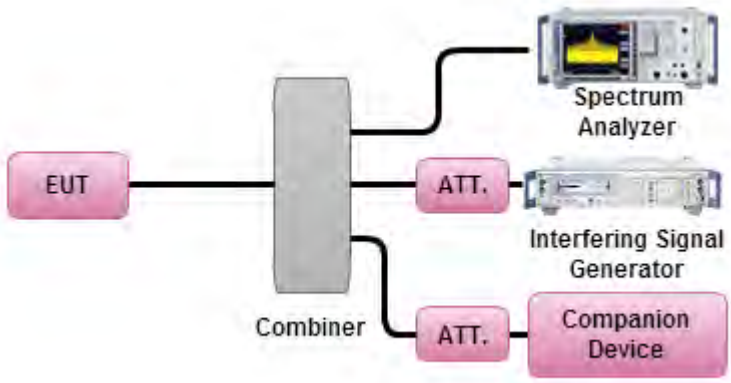
Refer a test equipment and calibration data table in this test report.

3.11.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.45, clause 12.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.45, clause 12.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.45, clause 12.4
Presentation of Results	MIC Notice No.88 Appendix No.45, clause 12.5
Other Conditions	MIC Notice No.88 Appendix No.45, clause 12.6

3.11.4 Test Setup

Carrier Sense



3.11.5 Test Result of Carrier Sense

Refer as Appendix K

3.12 EUT Construction Protection

3.12.1 EUT Construction Protection Limit

EUT Construction Protection Limit
The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

3.12.2 EUT Construction Protection

EUT Construction Protection	
Protected Method	**Description**
Shielding Case	RF and Modulation components are covered with shielding case and this shielding case is soldered

3.12.3 Reference Documents

Photo	

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Calibration Method	Calibration Agent Name	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	c)	A	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Jun. 01, 2018	c)	A	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY534100001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	c)	A	Conducted (TH01-CB)
LCR Meter	Lutron	LCR-9083	I.402812	N/A	Oct. 20, 2017	Oct. 19, 2018	c)	A	Conducted (TH01-CB)
Signal Generator	R&S	SMR40	100302	10MHz-40GHz	Dec. 01, 2017	Nov. 30, 2018	c)	A	Conducted (TH01-CB)
RF Power Divider	ANAREN	2 Way	DFS-01-DV-02	1GHz ~ 6GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DFS-01-DV-03	1GHz ~ 6GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)
RF Power Divider	ANAREN	4 Way	DFS-01-DV-01	1GHz ~ 6GHz	Oct. 11, 2017	Oct. 10, 2018	c)	B	Conducted (TH01-CB)

Note:

1. Calibration Interval of instruments listed above is one year.
2. N.C.R. means Non-Calibration required.
3. Calibration Agent Name: Describe calibration agent name with its country name, and symbols in “Calibration Agent Name” shows the agent names as follows,
   A: Electronics Testing Center, Taiwan.
   B: Sporton International Inc., Taiwan.
   C: ROHDE&SCHWARZ., Taiwan.

4. Calibration Method
   a)：Calibration conducted by the National Institute of Information and Communications Technology or a designated calibration agency under Article 102-18 paragraph (1)
   b)：Correction conducted pursuant to the provisions of Article 135 or Article 144 of the MeasurementLaw (Law No. 51 of 1992)
   c)：Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted bythe NICT or a designated calibration agency under Article 102-18 paragraph (1)
   d)：Calibration conducted by using other equipment that listed above from a) to c)

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port
5.47-5.725GHz	-	-	-	-	-	-
802.11a_Nss1_2TX	Pass	5.6G	5.59998843G	-2.066	±20	1
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	5.6G	5.59998868G	-2.022	±20	1
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	5.51G	5.50998853G	-2.081	±20	1
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	5.53G	5.52998844G	-2.091	±20	1

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port
802.11a_Nss1_2TX	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	5.5G	5.49998952G	-1.905	±20	1
5600MHz_TnomVnom	Pass	5.6G	5.59998843G	-2.066	±20	1
5700MHz_TnomVnom	Pass	5.7G	5.69998868G	-1.986	±20	1
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	5.5G	5.49998954G	-1.902	±20	1
5600MHz_TnomVnom	Pass	5.6G	5.59998868G	-2.022	±20	1
5700MHz_TnomVnom	Pass	5.7G	5.69998872G	-1.98	±20	1
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz_TnomVnom	Pass	5.51G	5.50998853G	-2.081	±20	1
5590MHz_TnomVnom	Pass	5.59G	5.58998896G	-1.975	±20	1
5670MHz_TnomVnom	Pass	5.67G	5.66998853G	-2.023	±20	1
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz_TnomVnom	Pass	5.53G	5.52998844G	-2.091	±20	1
5610MHz_TnomVnom	Pass	5.61G	5.60998839G	-2.069	±20	1

Summary

Mode	Max-OBW (MHz)	ITU-Code	Min-OBW (MHz)
5.47-5.725GHz	-	-	-
802.11a_Nss1_2TX	16.8	16M8D1D	16.62
802.11ac VHT20_Nss1,(MCS0)_2TX	18	18M0D1D	17.8
802.11ac VHT40_Nss1,(MCS0)_2TX	37.28	37M3D1D	36.8
802.11ac VHT80_Nss1,(MCS0)_2TX	76.48	76M5D1D	76.4

Max-OBW = Maximum 99% occupied bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

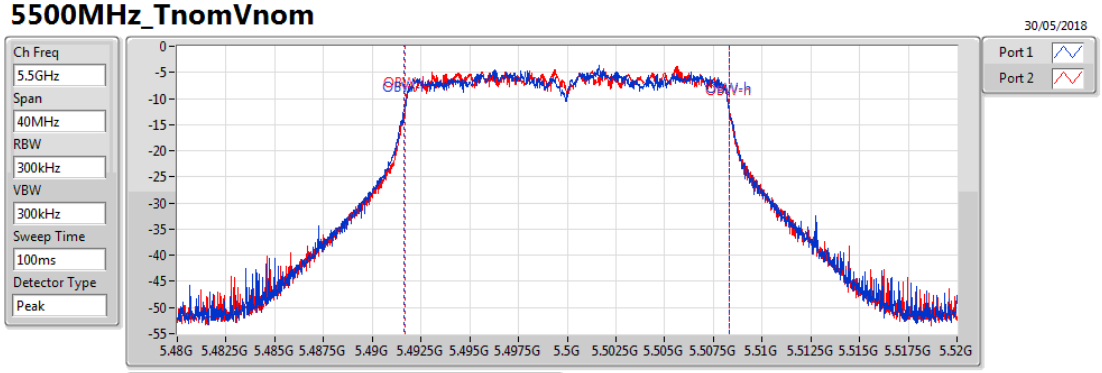
Result

Mode	Result	Limit (MHz)	P1-OBW (MHz)	P2-OBW (MHz)
802.11a_Nss1_2TX	-	-	-	-
5500MHz_TnomVnom	Pass	19.7	16.72	16.62
5600MHz_TnomVnom	Pass	19.7	16.8	16.62
5700MHz_TnomVnom	Pass	19.7	16.78	16.64
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-
5500MHz_TnomVnom	Pass	19.7	17.9	17.8
5600MHz_TnomVnom	Pass	19.7	17.98	17.82
5700MHz_TnomVnom	Pass	19.7	18	17.86
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-
5510MHz_TnomVnom	Pass	38	36.96	37.24
5590MHz_TnomVnom	Pass	38	36.8	37.16
5670MHz_TnomVnom	Pass	38	37.04	37.28
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-
5530MHz_TnomVnom	Pass	78	76.48	76.4
5610MHz_TnomVnom	Pass	78	76.4	76.4

P1-OBW = Port 1 99% occupied bandwidth; **P2-OBW** = Port 2 99% occupied bandwidth; **P3-OBW** = Port 3 99% occupied bandwidth; **P4-OBW** = Port 4 99% occupied bandwidth;

802.11a_Nss1_2TX **OBW**

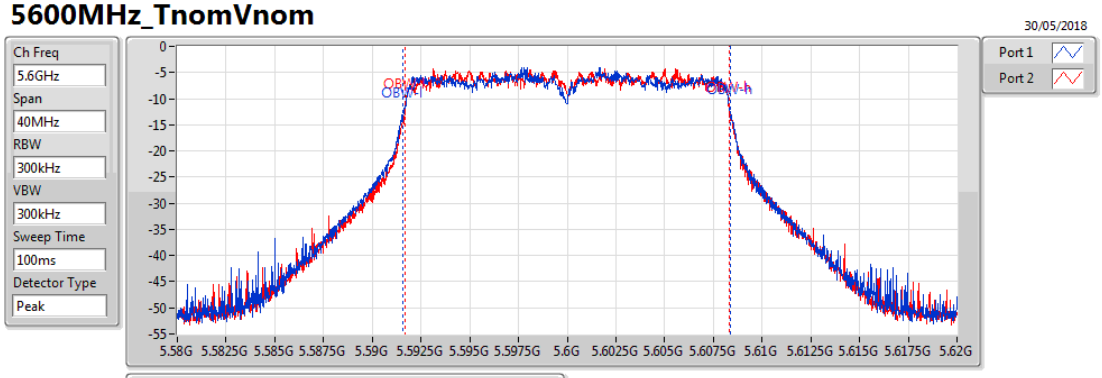
5500MHz_TnomVnom



OBW(MHz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
16.72	5.4916G	5.50832G	19.7	1
16.62	5.4917G	5.50832G	19.7	2

802.11a_Nss1_2TX **OBW**

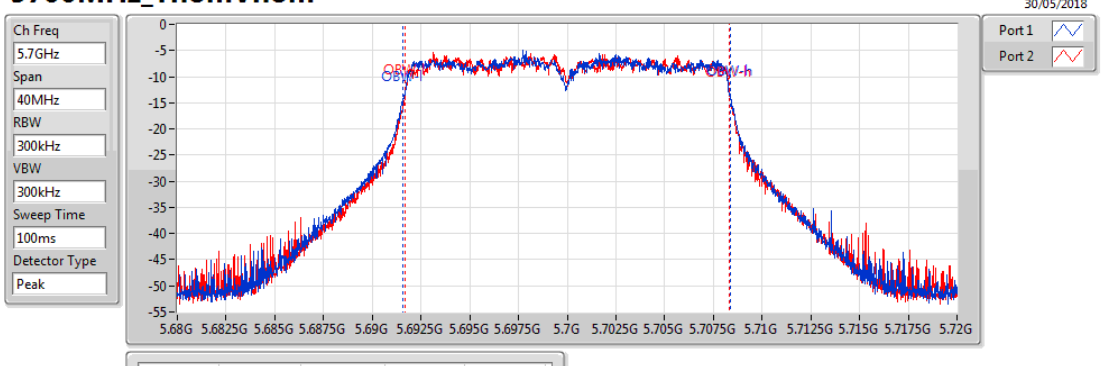
5600MHz_TnomVnom



OBW(MHz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
16.8	5.59158G	5.60838G	19.7	1
16.62	5.5917G	5.60832G	19.7	2

802.11a_Nss1_2TX **OBW**

5700MHz_TnomVnom



OBW(MHz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
16.78	5.69158G	5.70836G	19.7	1
16.64	5.6917G	5.70834G	19.7	2

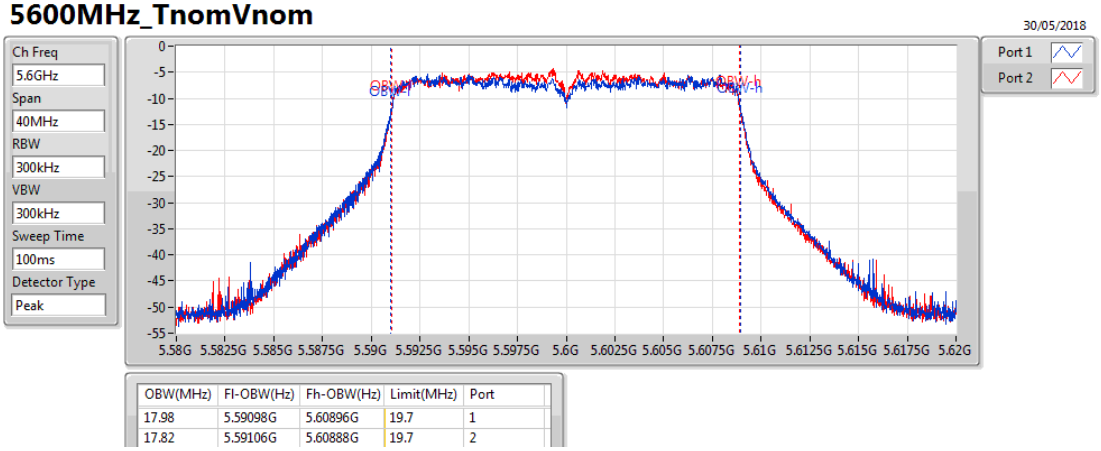
802.11ac VHT20_Nss1,(MCS0)_2TX **OBW**

5500MHz_TnomVnom

OBW(MHz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
17.9	5.49106G	5.50896G	19.7	1
17.8	5.49108G	5.50888G	19.7	2

802.11ac VHT20_Nss1,(MCS0)_2TX **OBW**

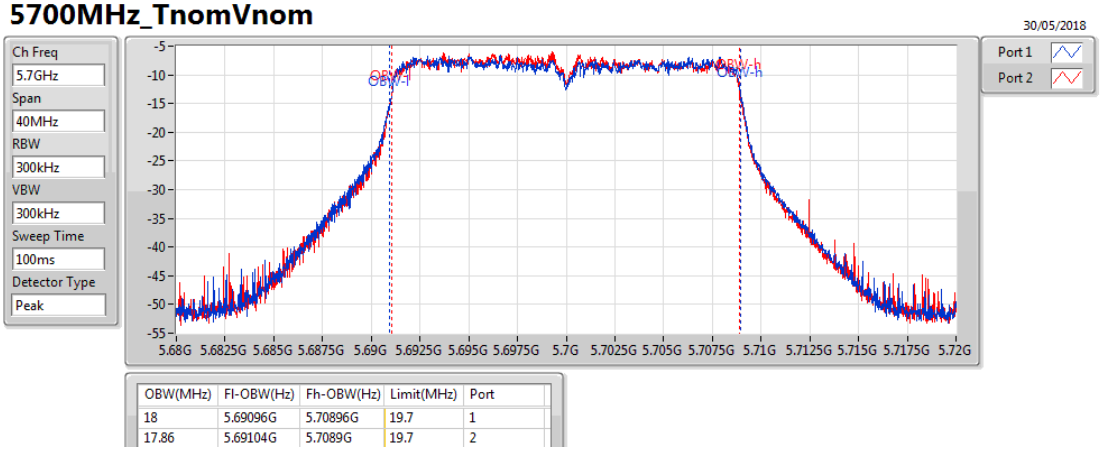
5600MHz_TnomVnom



OBW(MHz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
17.98	5.59098G	5.60896G	19.7	1
17.82	5.59106G	5.60888G	19.7	2

802.11ac VHT20_Nss1,(MCS0)_2TX **OBW**

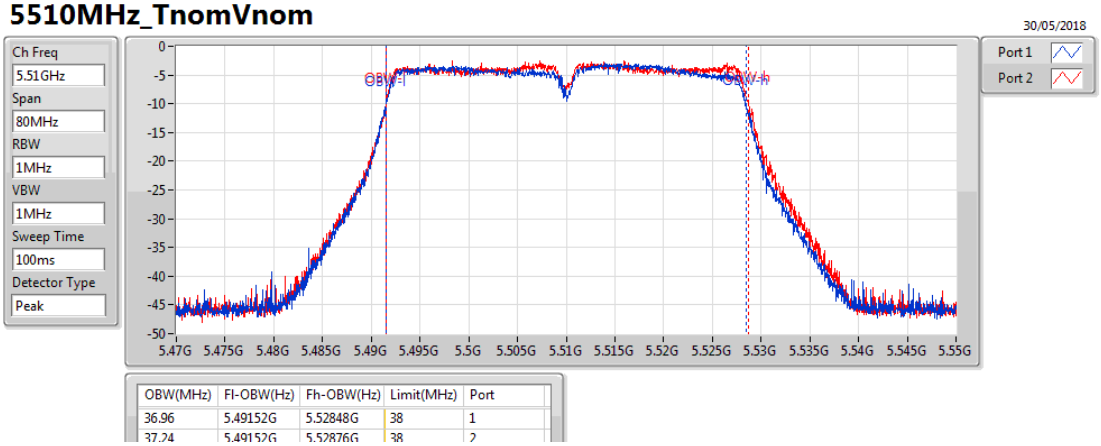
5700MHz_TnomVnom



OBW(MHz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
18	5.69096G	5.70896G	19.7	1
17.86	5.69104G	5.7089G	19.7	2

802.11ac VHT40_Nss1,(MCS0)_2TX **OBW**

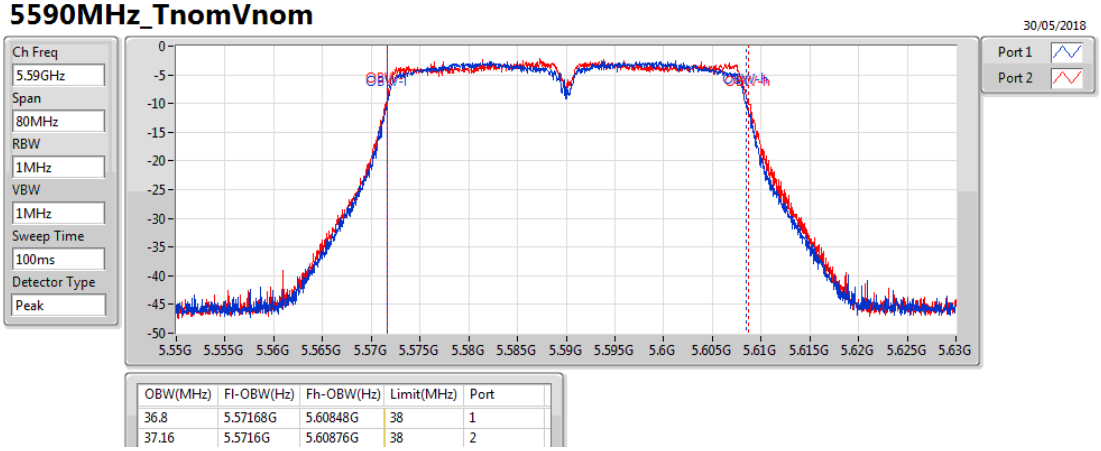
5510MHz_TnomVnom



OBW(MHz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
36.96	5.49152G	5.52848G	38	1
37.24	5.49152G	5.52876G	38	2

802.11ac VHT40_Nss1,(MCS0)_2TX **OBW**

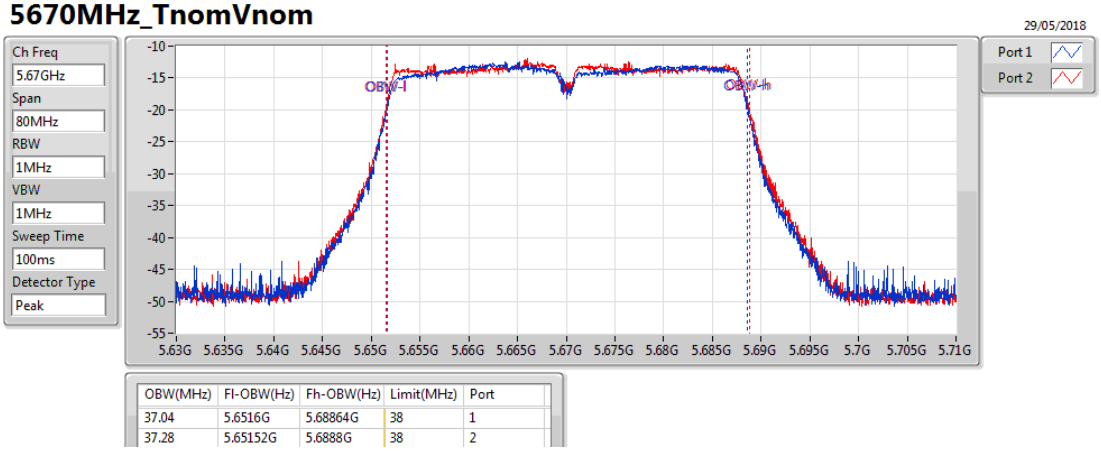
5590MHz_TnomVnom



OBW(MHz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
36.8	5.57168G	5.60848G	38	1
37.16	5.5716G	5.60876G	38	2

802.11ac VHT40_Nss1,(MCS0)_2TX **OBW**

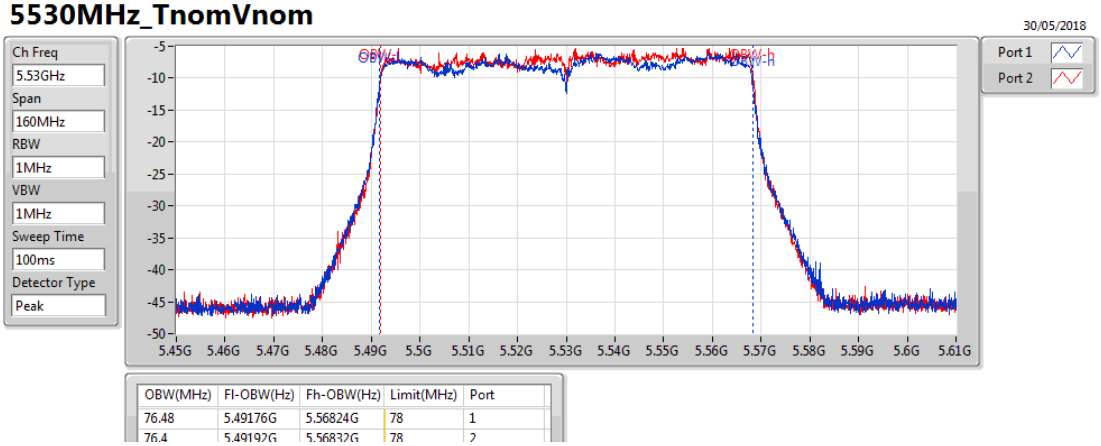
5670MHz_TnomVnom



OBW(MHz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
37.04	5.6516G	5.68864G	38	1
37.28	5.65152G	5.6888G	38	2

802.11ac VHT80_Nss1,(MCS0)_2TX **OBW**

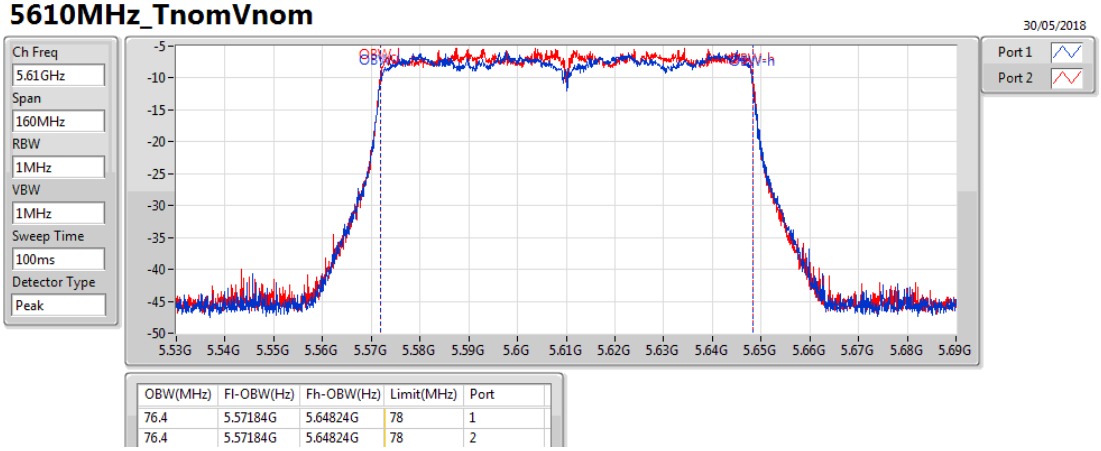
5530MHz_TnomVnom



OBW(MHz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
76.48	5.49176G	5.56824G	78	1
76.4	5.49192G	5.56832G	78	2

802.11ac VHT80_Nss1,(MCS0)_2TX **OBW**

5610MHz_TnomVnom



OBW(MHz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(MHz)	Port
76.4	5.57184G	5.64824G	78	1
76.4	5.57184G	5.64824G	78	2

Summary

Mode	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	EIRP Antenna Power (dBm/MHz)	EIRP Antenna Power (mW/MHz)
5.47-5.725GHz	-	-	-	-
802.11a_Nss1_2TX	-3.11	0.48843	16.89	48.86524
802.11ac VHT20_Nss1,(MCS0)_2TX	-3.07	0.49343	16.93	49.31738
802.11ac VHT40_Nss1,(MCS0)_2TX	-6.11	0.24480	13.89	24.49063
802.11ac VHT80_Nss1,(MCS0)_2TX	-9.13	0.12220	10.87	12.21800

PD = Antenna Power (Power Density)sum by **P1**~**PN**;
P1 = Port 1 PD; **P2** = Port 2 PD; **P3** = Port 3 PD; **P4** = Port 4 PD; **ENBF** = Equivalent Noise Bandwidth Factor;

Result

Mode	Result	Gain (dBi)	P1 (dBm/MHz)	P2 (dBm/MHz)	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Antenna Power Lim. (mW/MHz)	EIRP Antenna Power (dBm/MHz)	EIRP Antenna Power (mW/MHz)	EIRP Antenna Power Lim. (mW/MHz)
802.11a_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	20.00	-6.10	-6.32	-3.20	0.47882	10	16.80	47.86301	50
5600MHz_TnomVnom	Pass	20.00	-5.97	-6.28	-3.11	0.48843	10	16.89	48.86524	50
5700MHz_TnomVnom	Pass	20.00	-6.14	-6.45	-3.28	0.46968	10	16.72	46.98941	50
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	20.00	-6.18	-6.04	-3.10	0.48988	10	16.90	48.97788	50
5600MHz_TnomVnom	Pass	20.00	-6.47	-6.32	-3.38	0.45877	10	16.62	45.91980	50
5700MHz_TnomVnom	Pass	20.00	-6.21	-5.95	-3.07	0.49343	10	16.93	49.31738	50
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5510MHz_TnomVnom	Pass	20.00	-9.31	-9.17	-6.23	0.23828	5	13.77	23.82319	25
5590MHz_TnomVnom	Pass	20.00	-9.35	-9.29	-6.31	0.23391	5	13.69	23.38837	25
5670MHz_TnomVnom	Pass	20.00	-9.28	-8.97	-6.11	0.24480	5	13.89	24.49063	25
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5530MHz_TnomVnom	Pass	20.00	-12.36	-11.93	-9.13	0.12220	2.5	10.87	12.21800	12.5
5610MHz_TnomVnom	Pass	20.00	-12.29	-12.14	-9.20	0.12011	2.5	10.80	12.02264	12.5

PD = Antenna Power (Power Density)sum by **P1**~**PN**;
P1 = Port 1 PD; **P2** = Port 2 PD; **P3** = Port 3 PD; **P4** = Port 4 PD;

Summary

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
5.47-5.725GHz	-	-	-	-	-	-	-
802.11a_Nss1_2TX	Pass	-3.28	0.46989	0.49	-4.10	50	-50
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	-3.38	0.45920	0.49	-6.29	50	-50
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	-6.31	0.23388	0.24	-2.55	50	-50
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	-9.20	0.12023	0.12	0.19	50	-50

Result

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
802.11a_Nss1_2TX	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	-3.20	0.47863	0.49	-2.32	50	-50
5600MHz_TnomVnom	Pass	-3.11	0.48865	0.49	-0.00	50	-50
5700MHz_TnomVnom	Pass	-3.28	0.46989	0.49	-4.10	50	-50
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	-3.10	0.48978	0.49	-0.05	50	-50
5600MHz_TnomVnom	Pass	-3.38	0.45920	0.49	-6.29	50	-50
5700MHz_TnomVnom	Pass	-3.07	0.49317	0.49	0.00	50	-50
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5510MHz_TnomVnom	Pass	-6.23	0.23823	0.24	-0.74	50	-50
5590MHz_TnomVnom	Pass	-6.31	0.23388	0.24	-2.55	50	-50
5670MHz_TnomVnom	Pass	-6.11	0.24491	0.24	0.00	50	-50
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5530MHz_TnomVnom	Pass	-9.13	0.12218	0.12	0.00	50	-50
5610MHz_TnomVnom	Pass	-9.20	0.12023	0.12	0.19	50	-50

Summary

Mode	Result	Function
5.47-5.725GHz	-	-
802.11a_Nss1_2TX	Pass	Good
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	Good
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	Good
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	Good

Result

Mode	Result	Function
802.11a_Nss1_2TX	-	-
5500MHz_TnomVnom	Pass	Good
5600MHz_TnomVnom	Pass	Good
5700MHz_TnomVnom	Pass	Good
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-
5500MHz_TnomVnom	Pass	Good
5600MHz_TnomVnom	Pass	Good
5700MHz_TnomVnom	Pass	Good
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-
5510MHz_TnomVnom	Pass	Good
5590MHz_TnomVnom	Pass	Good
5670MHz_TnomVnom	Pass	Good
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-
5530MHz_TnomVnom	Pass	Good
5610MHz_TnomVnom	Pass	Good

Summary

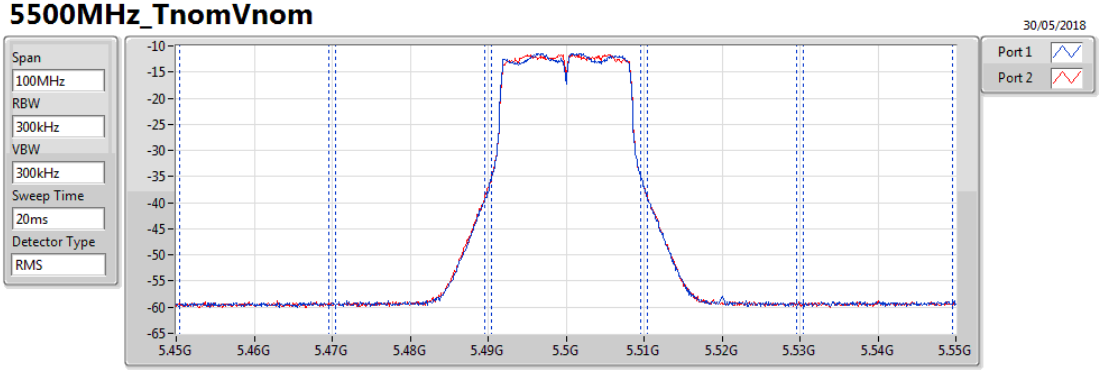
Mode	Result	-Adj Ch (dB/dBm)	+Adj Ch (dB/dBm)	Limit (dB/dBm)	-Alt Ch (dB/dBm)	+Alt Ch (dB/dBm)	Limit (dB/dBm)	Port
5.47-5.725GHz	-	-	-	-	-	-	-	-
802.11a_Nss1_2TX	Pass	37.69	37.63	25	44.95	45.25	40	1
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	35.72	35.98	25	44.88	45.16	40	1
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	38.83	38.30	25	41.69	42.10	40	1
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	37.19	36.08	25	-	-	-	1

Result

Mode	Result	-Adj Ch (dB/dBm)	+Adj Ch (dB/dBm)	Limit (dB/dBm)	-Alt Ch (dB/dBm)	+Alt Ch (dB/dBm)	Limit (dB/dBm)	Port
802.11a_Nss1_2TX	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	38.33	37.88	25	46.43	46.27	40	1
5500MHz_TnomVnom	Pass	38.15	37.84	25	46.58	46.44	40	2
5600MHz_TnomVnom	Pass	37.84	37.72	25	46.29	46.18	40	1
5600MHz_TnomVnom	Pass	38.11	37.95	25	46.59	46.53	40	2
5700MHz_TnomVnom	Pass	37.69	37.63	25	44.95	45.25	40	1
5700MHz_TnomVnom	Pass	37.77	37.74	25	45.00	45.26	40	2
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	37.00	35.84	25	46.45	46.29	40	1
5500MHz_TnomVnom	Pass	36.81	36.38	25	46.74	46.62	40	2
5600MHz_TnomVnom	Pass	35.96	36.00	25	46.15	46.03	40	1
5600MHz_TnomVnom	Pass	36.54	36.55	25	46.79	46.70	40	2
5700MHz_TnomVnom	Pass	35.72	35.98	25	44.88	45.16	40	1
5700MHz_TnomVnom	Pass	35.93	36.33	25	45.10	45.39	40	2
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5510MHz_TnomVnom	Pass	39.15	39.06	25	43.02	42.42	40	1
5510MHz_TnomVnom	Pass	39.06	38.47	25	43.30	42.74	40	2
5590MHz_TnomVnom	Pass	39.78	39.14	25	42.99	42.90	40	1
5590MHz_TnomVnom	Pass	39.28	38.72	25	43.18	43.13	40	2
5670MHz_TnomVnom	Pass	38.83	38.30	25	41.69	42.10	40	1
5670MHz_TnomVnom	Pass	38.65	38.45	25	42.01	42.39	40	2
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5530MHz_TnomVnom	Pass	37.19	36.08	25	-	-	-	1
5530MHz_TnomVnom	Pass	37.41	36.45	25	-	-	-	2
5610MHz_TnomVnom	Pass	37.10	36.61	25	-	-	-	1
5610MHz_TnomVnom	Pass	37.00	36.67	25	-	-	-	2

802.11a_Nss1_2TX **ACLR**

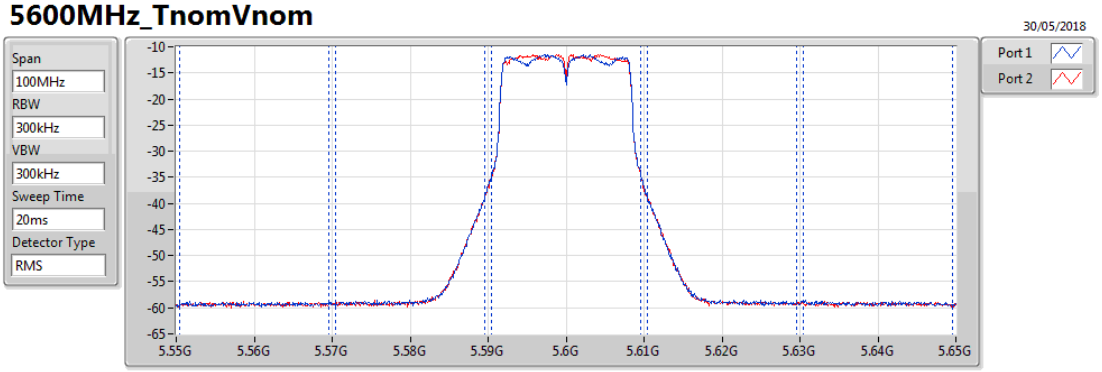
5500MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
38.33	37.88	25	46.43	46.27	40	1
38.15	37.84	25	46.58	46.44	40	2

802.11a_Nss1_2TX **ACLR**

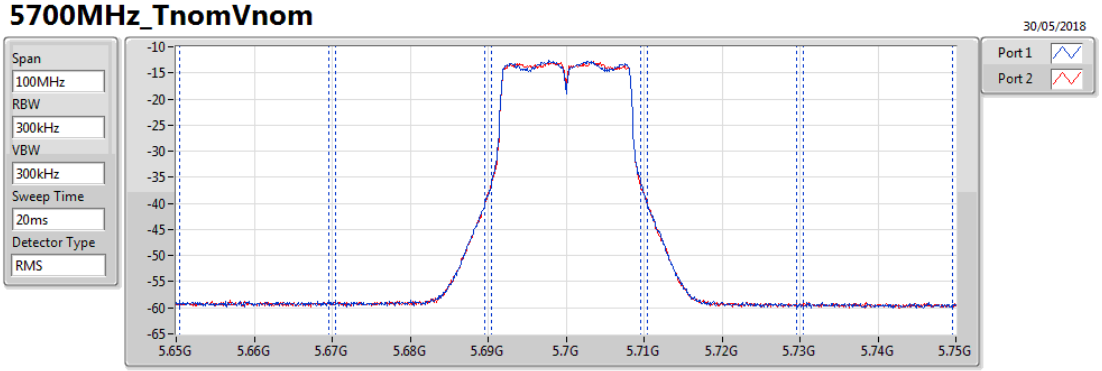
5600MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
37.84	37.72	25	46.29	46.18	40	1
38.11	37.95	25	46.59	46.53	40	2

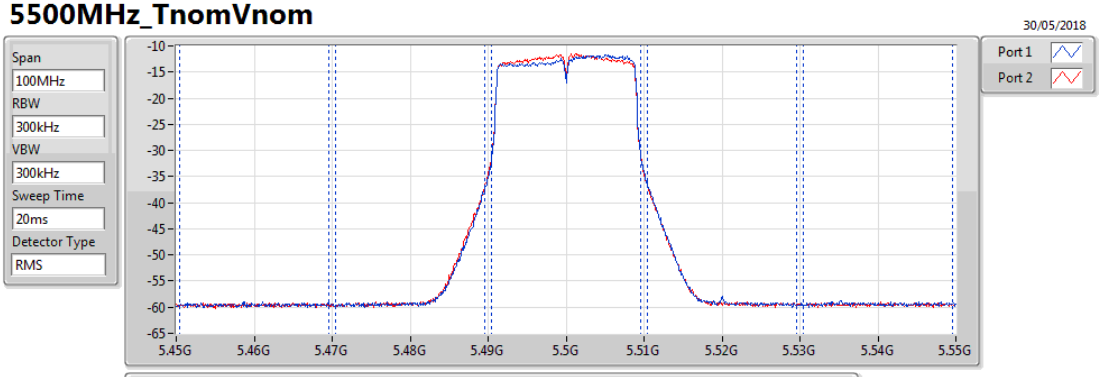
802.11a_Nss1_2TX **ACLR**

5700MHz_TnomVnom



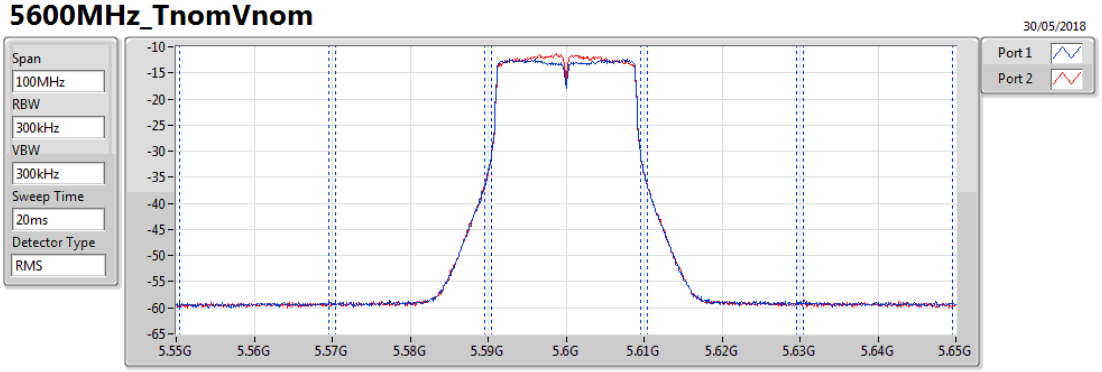
-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
37.69	37.63	25	44.95	45.25	40	1
37.77	37.74	25	45.00	45.26	40	2

802.11ac VHT20_Nss1,(MCS0)_2TX **ACLR**
5500MHz_TnomVnom



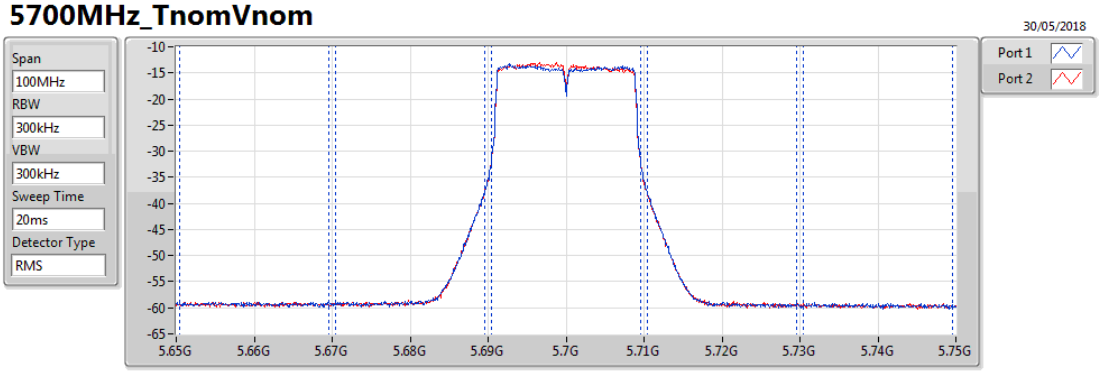
-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
37.00	35.84	25	46.45	46.29	40	1
36.81	36.38	25	46.74	46.62	40	2

802.11ac VHT20_Nss1,(MCS0)_2TX **ACLR**
5600MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
35.96	36.00	25	46.15	46.03	40	1
36.54	36.55	25	46.79	46.70	40	2

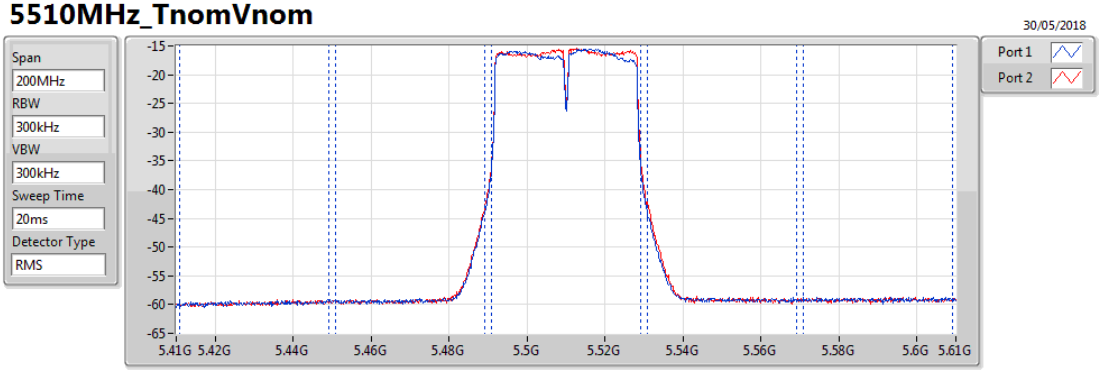
802.11ac VHT20_Nss1,(MCS0)_2TX **ACLR**
5700MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
35.72	35.98	25	44.88	45.16	40	1
35.93	36.33	25	45.10	45.39	40	2

802.11ac VHT40_Nss1,(MCS0)_2TX **ACLR**

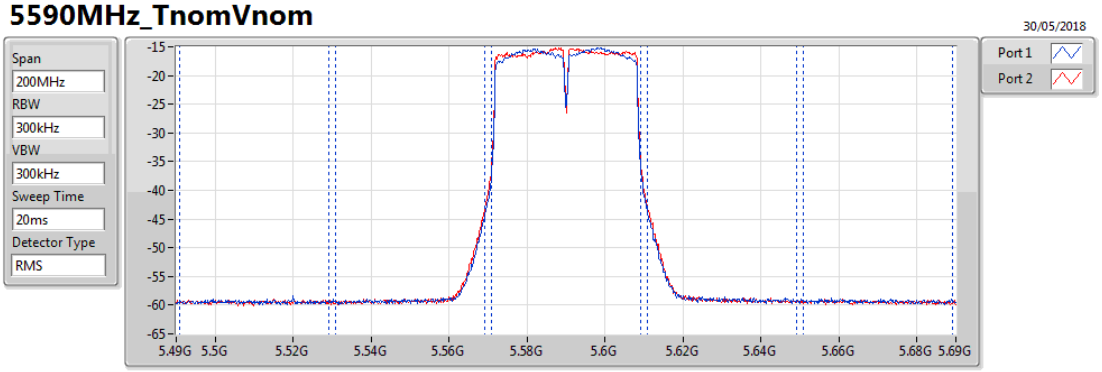
5510MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
39.15	39.06	25	43.02	42.42	40	1
39.06	38.47	25	43.30	42.74	40	2

802.11ac VHT40_Nss1,(MCS0)_2TX **ACLR**

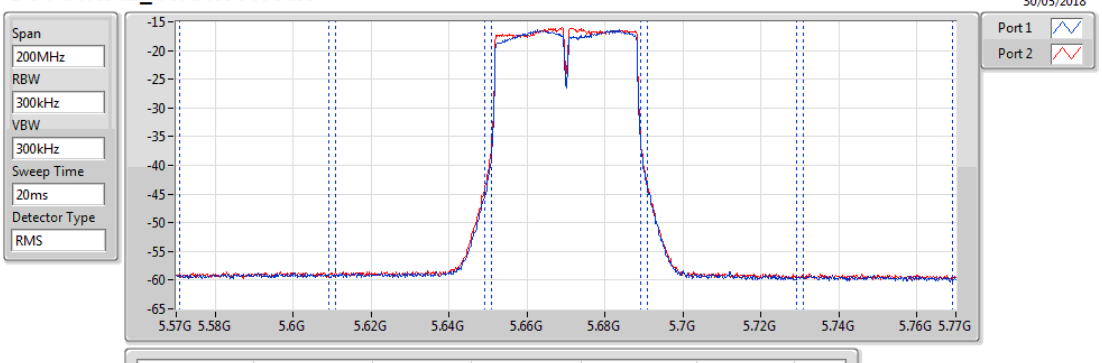
5590MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
39.78	39.14	25	42.99	42.90	40	1
39.28	38.72	25	43.18	43.13	40	2

802.11ac VHT40_Nss1,(MCS0)_2TX **ACLR**

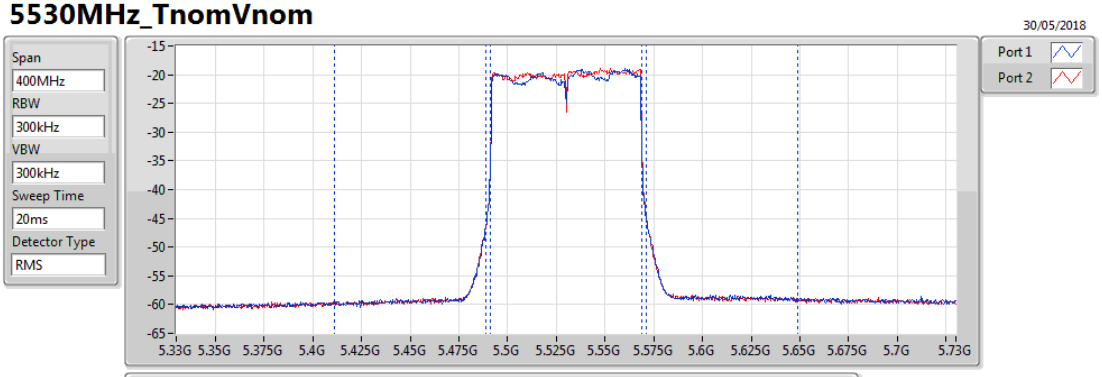
5670MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
38.83	38.30	25	41.69	42.10	40	1
38.65	38.45	25	42.01	42.39	40	2

802.11ac VHT80_Nss1,(MCS0)_2TX **ACLR**

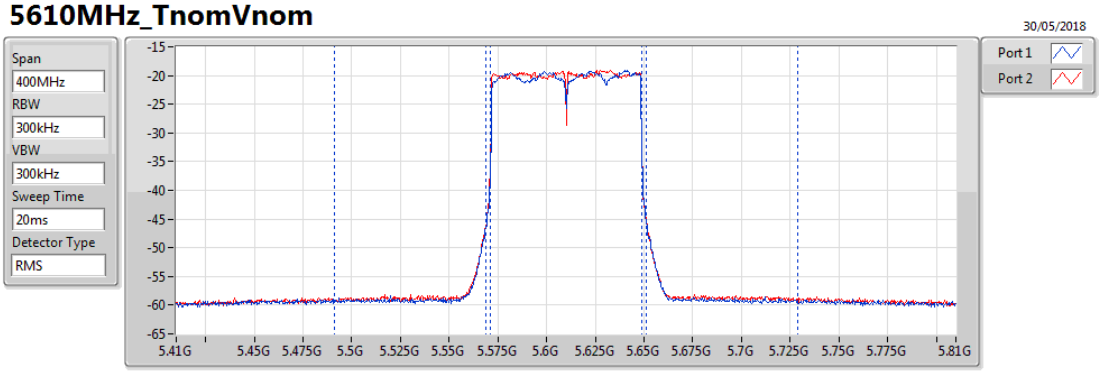
5530MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
37.19	36.08	25	-	-	-	1
37.41	36.45	25	-	-	-	2

802.11ac VHT80_Nss1,(MCS0)_2TX **ACLR**

5610MHz_TnomVnom



-Adj Ch(dB/dBm)	+Adj Ch(dB/dBm)	Limit(dB/dBm)	-Alt Ch(dB/dBm)	+Alt Ch(dB/dBm)	Limit(dB/dBm)	Port
37.10	36.61	25	-	-	-	1
37.00	36.67	25	-	-	-	2

Summary

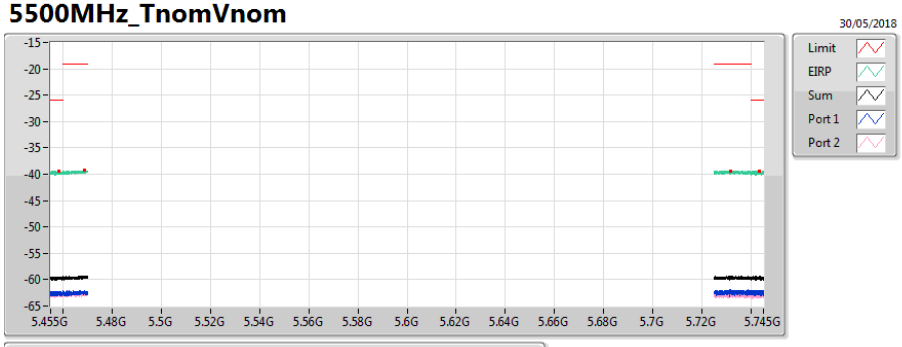
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)	P2 (dBm)	P2 (uW/MHz)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_2TX	Pass	5.74G	5.745G	1M	5744.785	-38.69	0.13521	-26.02	2.5	-12.67	20.00	-58.69	0.00135	-61.68	0.00068	-61.72	0.00067
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	5.74G	5.745G	1M	5740.17	-38.74	0.13366	-26.02	2.5	-12.72	20.00	-58.74	0.00134	-61.82	0.00066	-61.69	0.00068
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	5.725G	5.76G	1M	5759.93	-37.85	0.16406	-19.03	12.5	-18.82	20.00	-57.85	0.00164	-62.04	0.00063	-59.94	0.00101
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	5.725G	5.8G	1M	5726.725	-37.02	0.19861	-19.03	12.5	-17.99	20.00	-57.02	0.00198	-61.38	0.00073	-59.01	0.00126

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)	P2 (dBm)	P2 (uW/MHz)
802.11a_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	5.455G	5.46G	1M	5458.54	-39.44	0.11376	-26.02	2.5	-13.42	20.00	-59.44	0.00114	-62.36	0.00058	-62.55	0.00056
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5468.58	-39.28	0.11803	-19.03	12.5	-20.25	20.00	-59.28	0.00118	-62.09	0.00062	-62.49	0.00056
5500MHz_TnomVnom	Pass	5.725G	5.74G	1M	5731.63	-39.33	0.11668	-19.03	12.5	-20.30	20.00	-59.33	0.00117	-61.94	0.00064	-62.79	0.00053
5500MHz_TnomVnom	Pass	5.74G	5.745G	1M	5743.465	-39.34	0.11641	-26.02	2.5	-13.32	20.00	-59.34	0.00116	-62.07	0.00062	-62.65	0.00054
5600MHz_TnomVnom	Pass	5.455G	5.46G	1M	5455.555	-39.96	0.10093	-26.02	2.5	-13.94	20.00	-59.96	0.00101	-62.91	0.00051	-63.04	0.0005
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5461.19	-39.58	0.11015	-19.03	12.5	-20.55	20.00	-59.58	0.0011	-62.32	0.00059	-62.88	0.00052
5600MHz_TnomVnom	Pass	5.725G	5.74G	1M	5725.375	-39.68	0.10765	-19.03	12.5	-20.65	20.00	-59.68	0.00108	-62.37	0.00058	-63.04	0.0005
5600MHz_TnomVnom	Pass	5.74G	5.745G	1M	5740.225	-39.75	0.10593	-26.02	2.5	-13.73	20.00	-59.75	0.00106	-62.24	0.0006	-63.36	0.00046
5700MHz_TnomVnom	Pass	5.455G	5.46G	1M	5455.995	-39.34	0.11641	-26.02	2.5	-13.32	20.00	-59.34	0.00116	-62.66	0.00054	-62.07	0.00062
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5464.28	-39.23	0.1194	-19.03	12.5	-20.20	20.00	-59.23	0.00119	-62.38	0.00058	-62.10	0.00062
5700MHz_TnomVnom	Pass	5.725G	5.74G	1M	5725.66	-38.11	0.15453	-19.03	12.5	-19.08	20.00	-58.11	0.00155	-61.07	0.00078	-61.17	0.00076
5700MHz_TnomVnom	Pass	5.74G	5.745G	1M	5744.785	-38.69	0.13521	-26.02	2.5	-12.67	20.00	-58.69	0.00135	-61.68	0.00068	-61.72	0.00067
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	5.455G	5.46G	1M	5458.025	-39.48	0.11272	-26.02	2.5	-13.46	20.00	-59.48	0.00113	-62.35	0.00058	-62.63	0.00055
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5467.95	-39.35	0.11614	-19.03	12.5	-20.32	20.00	-59.35	0.00116	-62.15	0.00061	-62.58	0.00055
5500MHz_TnomVnom	Pass	5.725G	5.74G	1M	5732.365	-39.33	0.11668	-19.03	12.5	-20.30	20.00	-59.33	0.00117	-62.01	0.00063	-62.70	0.00054
5500MHz_TnomVnom	Pass	5.74G	5.745G	1M	5742.565	-39.45	0.1135	-26.02	2.5	-13.43	20.00	-59.45	0.00113	-62.08	0.00062	-62.88	0.00052
5600MHz_TnomVnom	Pass	5.455G	5.46G	1M	5457.62	-39.97	0.10069	-26.02	2.5	-13.95	20.00	-59.97	0.00101	-63.03	0.0005	-62.94	0.00051
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5461.46	-39.59	0.1099	-19.03	12.5	-20.56	20.00	-59.59	0.0011	-62.12	0.00061	-63.15	0.00048
5600MHz_TnomVnom	Pass	5.725G	5.74G	1M	5725.27	-39.74	0.10617	-19.03	12.5	-20.71	20.00	-59.74	0.00106	-62.50	0.00056	-63.02	0.0005
5600MHz_TnomVnom	Pass	5.74G	5.745G	1M	5740.305	-39.83	0.10399	-26.02	2.5	-13.81	20.00	-59.83	0.00104	-62.63	0.00055	-63.07	0.00049
5700MHz_TnomVnom	Pass	5.455G	5.46G	1M	5459.44	-39.42	0.11429	-26.02	2.5	-13.40	20.00	-59.42	0.00114	-62.73	0.00053	-62.15	0.00061
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5468.18	-39.36	0.11588	-19.03	12.5	-20.33	20.00	-59.36	0.00116	-62.43	0.00057	-62.31	0.00059
5700MHz_TnomVnom	Pass	5.725G	5.74G	1M	5725.81	-38.33	0.14689	-19.03	12.5	-19.30	20.00	-58.33	0.00147	-61.27	0.00075	-61.42	0.00072
5700MHz_TnomVnom	Pass	5.74G	5.745G	1M	5740.17	-38.74	0.13366	-26.02	2.5	-12.72	20.00	-58.74	0.00134	-61.82	0.00066	-61.69	0.00068
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz_TnomVnom	Pass	5.42G	5.46G	1M	5440.24	-39.18	0.12078	-19.03	12.5	-20.15	20.00	-59.18	0.00121	-62.27	0.00059	-62.12	0.00061
5510MHz_TnomVnom	Pass	5.46G	5.47G	1M	5469.99	-38.82	0.13122	-13.01	50	-25.81	20.00	-58.82	0.00131	-61.57	0.0007	-62.11	0.00062
5510MHz_TnomVnom	Pass	5.725G	5.76G	1M	5760	-38.88	0.12942	-19.03	12.5	-19.85	20.00	-58.88	0.00129	-61.77	0.00067	-62.01	0.00063
5590MHz_TnomVnom	Pass	5.42G	5.46G	1M	5454.72	-39.68	0.10765	-19.03	12.5	-20.65	20.00	-59.68	0.00108	-62.42	0.00057	-62.97	0.0005
5590MHz_TnomVnom	Pass	5.46G	5.47G	1M	5466.96	-39.92	0.10186	-13.01	50	-26.91	20.00	-59.92	0.00102	-62.90	0.00051	-62.96	0.00051
5590MHz_TnomVnom	Pass	5.725G	5.76G	1M	5759.965	-39.26	0.11858	-19.03	12.5	-20.23	20.00	-59.26	0.00118	-61.99	0.00063	-62.58	0.00055
5670MHz_TnomVnom	Pass	5.42G	5.46G	1M	5440.04	-38.49	0.14158	-19.03	12.5	-19.46	20.00	-58.49	0.00141	-62.83	0.00052	-60.49	0.00089
5670MHz_TnomVnom	Pass	5.46G	5.47G	1M	5468.58	-39.30	0.11749	-13.01	50	-26.29	20.00	-59.30	0.00117	-62.89	0.00051	-61.80	0.00066
5670MHz_TnomVnom	Pass	5.725G	5.76G	1M	5759.93	-37.85	0.16406	-19.03	12.5	-18.82	20.00	-57.85	0.00164	-62.04	0.00063	-59.94	0.00101
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz_TnomVnom	Pass	5.34G	5.46G	1M	5439.96	-38.44	0.14322	-19.03	12.5	-19.41	20.00	-58.44	0.00143	-61.51	0.00071	-61.40	0.00072
5530MHz_TnomVnom	Pass	5.46G	5.4695G	1M	5468.484	-38.47	0.14223	-13.01	50	-25.46	20.00	-58.47	0.00142	-61.28	0.00074	-61.69	0.00068
5530MHz_TnomVnom	Pass	5.4695G	5.47G	1M	5469.734	-38.34	0.14655	-12.91	51.17	-25.43	20.00	-58.34	0.00147	-61.55	0.0007	-61.16	0.00077
5530MHz_TnomVnom	Pass	5.725G	5.8G	1M	5760.025	-38.96	0.12706	-19.03	12.5	-19.93	20.00	-58.96	0.00127	-61.40	0.00072	-62.63	0.00055
5610MHz_TnomVnom	Pass	5.34G	5.46G	1M	5439.96	-38.01	0.15812	-19.03	12.5	-18.98	20.00	-58.01	0.00158	-62.56	0.00055	-59.88	0.00103
5610MHz_TnomVnom	Pass	5.46G	5.4695G	1M	5468.132	-38.44	0.14322	-13.01	50	-25.43	20.00	-58.44	0.00143	-61.85	0.00065	-61.08	0.00078
5610MHz_TnomVnom	Pass	5.4695G	5.47G	1M	5469.78	-38.61	0.13772	-12.91	51.17	-25.70	20.00	-58.61	0.00138	-62.55	0.00056	-60.85	0.00082
5610MHz_TnomVnom	Pass	5.725G	5.8G	1M	5726.725	-37.02	0.19861	-19.03	12.5	-17.99	20.00	-57.02	0.00198	-61.38	0.00073	-59.01	0.00126

802.11a_Nss1_2TX **CSE-TX-EIRP**

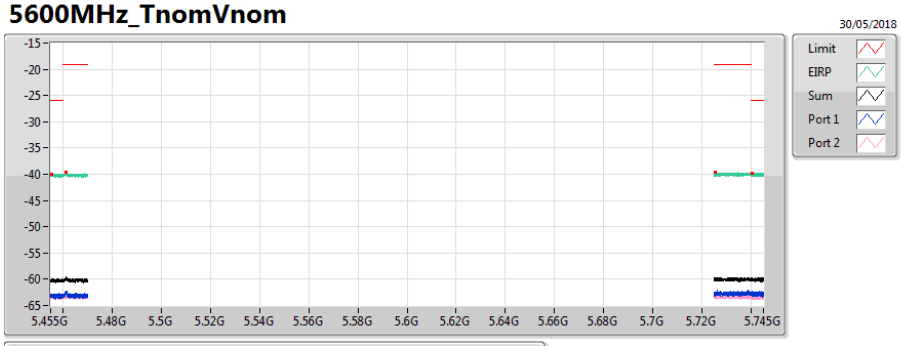
5500MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5458.54	-39.44	-26.02	-13.42	20.00	-59.44	-62.36	-62.55
5468.58	-39.28	-19.03	-20.25	20.00	-59.28	-62.09	-62.49
5731.63	-39.33	-19.03	-20.30	20.00	-59.33	-61.94	-62.79
5743.465	-39.34	-26.02	-13.32	20.00	-59.34	-62.07	-62.65

802.11a_Nss1_2TX **CSE-TX-EIRP**

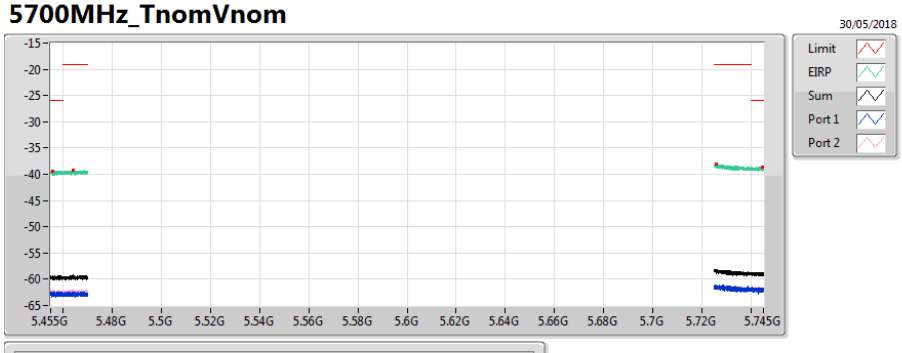
5600MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5455.555	-39.96	-26.02	-13.94	20.00	-59.96	-62.91	-63.04
5461.19	-39.58	-19.03	-20.55	20.00	-59.58	-62.32	-62.88
5725.375	-39.68	-19.03	-20.65	20.00	-59.68	-62.37	-63.04
5740.225	-39.75	-26.02	-13.73	20.00	-59.75	-62.24	-63.36

802.11a_Nss1_2TX **CSE-TX-EIRP**

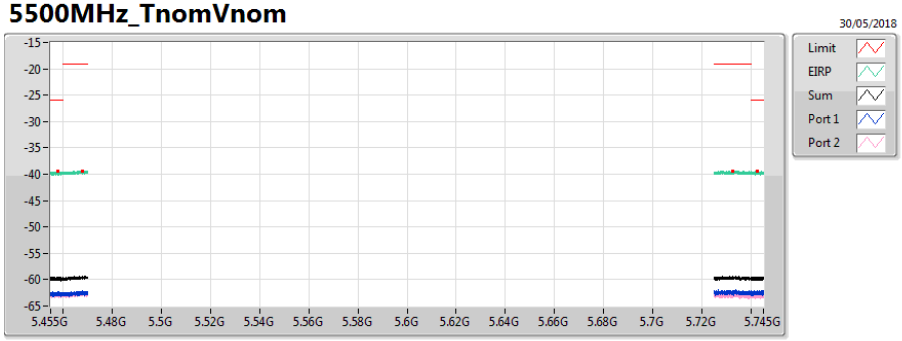
5700MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5455.995	-39.34	-26.02	-13.32	20.00	-59.34	-62.66	-62.07
5464.28	-39.23	-19.03	-20.20	20.00	-59.23	-62.38	-62.10
5725.66	-38.11	-19.03	-19.08	20.00	-58.11	-61.07	-61.17
5744.785	-38.69	-26.02	-12.67	20.00	-58.69	-61.68	-61.72

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-TX-EIRP**

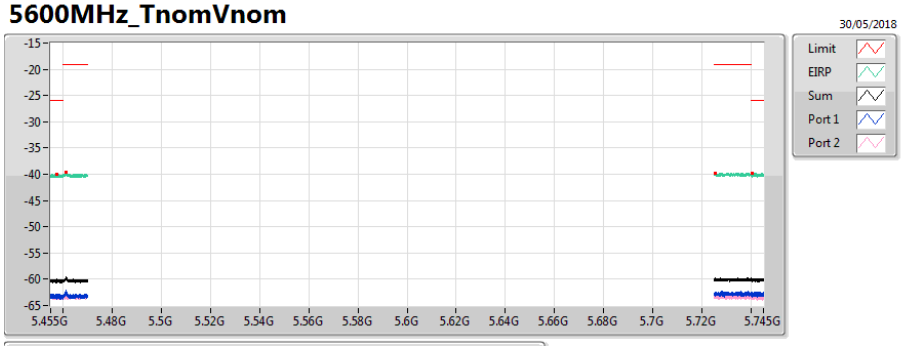
5500MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5458.025	-39.48	-26.02	-13.46	20.00	-59.48	-62.35	-62.63
5467.95	-39.35	-19.03	-20.32	20.00	-59.35	-62.15	-62.58
5732.365	-39.33	-19.03	-20.30	20.00	-59.33	-62.01	-62.70
5742.565	-39.45	-26.02	-13.43	20.00	-59.45	-62.08	-62.88

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-TX-EIRP**

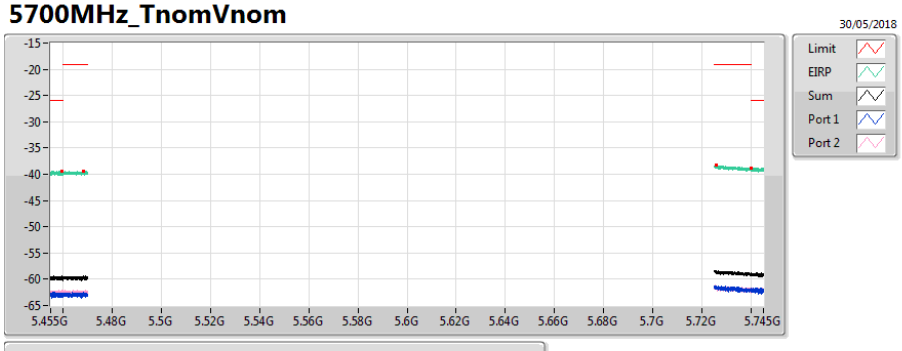
5600MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5457.62	-39.97	-26.02	-13.95	20.00	-59.97	-63.03	-62.94
5461.46	-39.59	-19.03	-20.56	20.00	-59.59	-62.12	-63.15
5725.27	-39.74	-19.03	-20.71	20.00	-59.74	-62.50	-63.02
5740.305	-39.83	-26.02	-13.81	20.00	-59.83	-62.63	-63.07

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-TX-EIRP**

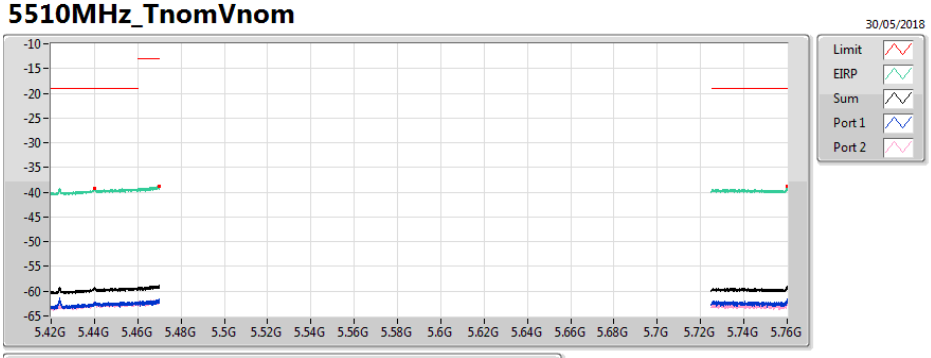
5700MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5459.44	-39.42	-26.02	-13.40	20.00	-59.42	-62.73	-62.15
5468.18	-39.36	-19.03	-20.33	20.00	-59.36	-62.43	-62.31
5725.81	-38.33	-19.03	-19.30	20.00	-58.33	-61.27	-61.42
5740.17	-38.74	-26.02	-12.72	20.00	-58.74	-61.82	-61.69

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-TX-EIRP**

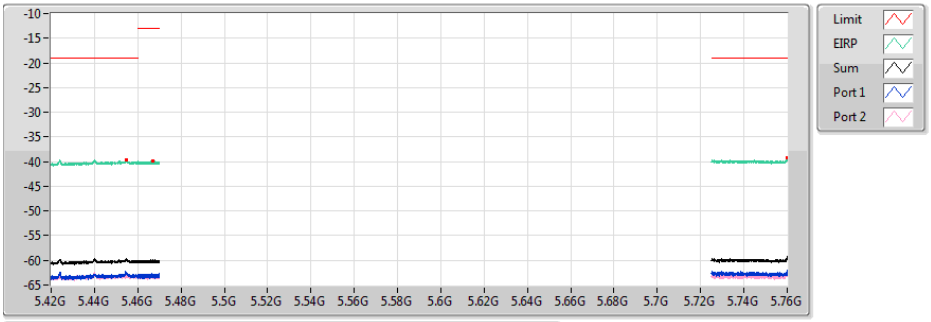
5510MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5440.24	-39.18	-19.03	-20.15	20.00	-59.18	-62.27	-62.12
5469.99	-38.82	-13.01	-25.81	20.00	-58.82	-61.57	-62.11
5760	-38.88	-19.03	-19.85	20.00	-58.88	-61.77	-62.01

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-TX-EIRP**

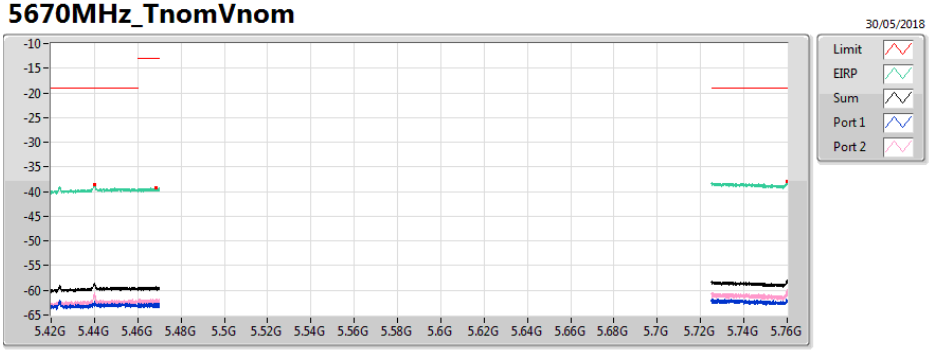
5590MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5454.72	-39.68	-19.03	-20.65	20.00	-59.68	-62.42	-62.97
5466.96	-39.92	-13.01	-26.91	20.00	-59.92	-62.90	-62.96
5759.965	-39.26	-19.03	-20.23	20.00	-59.26	-61.99	-62.58

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-TX-EIRP**

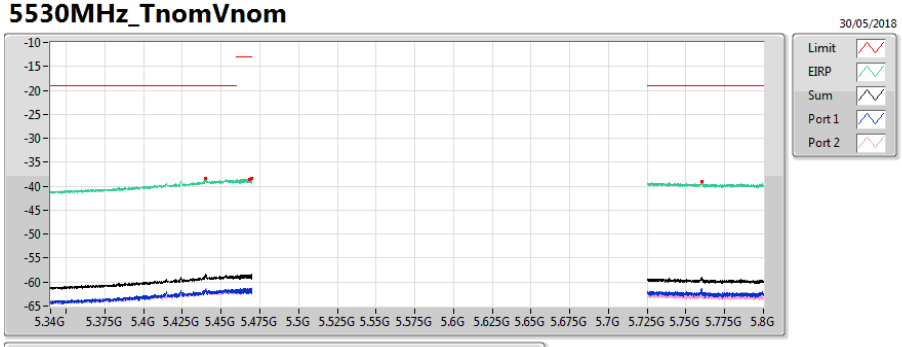
5670MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5440.04	-38.49	-19.03	-19.46	20.00	-58.49	-62.83	-60.49
5468.58	-39.30	-13.01	-26.29	20.00	-59.30	-62.89	-61.80
5759.93	-37.85	-19.03	-18.82	20.00	-57.85	-62.04	-59.94

802.11ac VHT80_Nss1,(MCS0)_2TX **CSE-TX-EIRP**

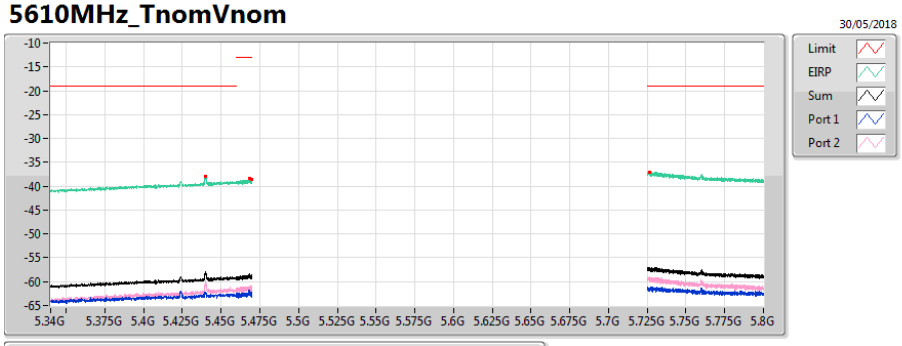
5530MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5439.96	-38.44	-19.03	-19.41	20.00	-58.44	-61.51	-61.40
5468.484	-38.47	-13.01	-25.46	20.00	-58.47	-61.28	-61.69
5469.734	-38.34	-12.91	-25.43	20.00	-58.34	-61.55	-61.16
5760.025	-38.96	-19.03	-19.93	20.00	-58.96	-61.40	-62.63

802.11ac VHT80_Nss1,(MCS0)_2TX **CSE-TX-EIRP**

5610MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB	Psum(dBm)	P1(dBm)	P2(dBm)
5439.96	-38.01	-19.03	-18.98	20.00	-58.01	-62.56	-59.88
5468.132	-38.44	-13.01	-25.43	20.00	-58.44	-61.85	-61.08
5469.78	-38.61	-12.91	-25.70	20.00	-58.61	-62.55	-60.85
5726.725	-37.02	-19.03	-17.99	20.00	-57.02	-61.38	-59.01

Summary

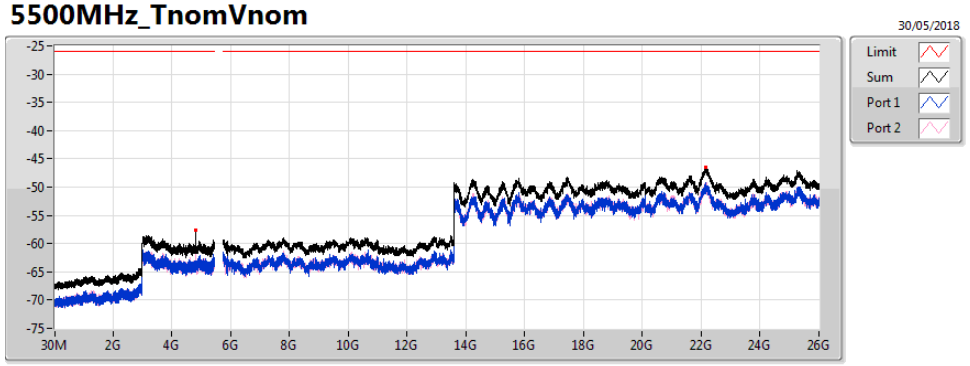
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)	P2 (dBm)	P2 (uW/MHz)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_2TX	Pass	5.745G	26G	1M	22136.359	-46.28	0.02355	-26.02	2.5	-20.26	-49.35	0.01161	-49.23	0.01194
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	5.745G	26G	1M	22149.018	-46.31	0.02336	-26.02	2.5	-20.29	-49.70	0.01072	-48.98	0.01265
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	5.76G	26G	1M	22149.34	-46.10	0.02455	-26.02	2.5	-20.08	-48.67	0.01358	-49.60	0.01096
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	5.8G	26G	1M	22131.7	-45.83	0.02614	-26.02	2.5	-19.81	-49.18	0.01208	-48.52	0.01406

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)	P2 (dBm)	P2 (uW/MHz)
802.11a_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	30M	5.455G	1M	4821.631	-57.69	0.0017	-26.02	2.5	-31.67	-63.01	0.0005	-59.20	0.0012
5500MHz_TnomVnom	Pass	5.745G	26G	1M	22159.146	-46.46	0.02261	-26.02	2.5	-20.44	-49.22	0.01197	-49.73	0.01064
5600MHz_TnomVnom	Pass	30M	5.455G	1M	4821.631	-57.17	0.00192	-26.02	2.5	-31.15	-62.60	0.00055	-58.64	0.00137
5600MHz_TnomVnom	Pass	5.745G	26G	1M	22136.359	-46.28	0.02355	-26.02	2.5	-20.26	-49.35	0.01161	-49.23	0.01194
5700MHz_TnomVnom	Pass	30M	5.455G	1M	4821.631	-55.62	0.00274	-26.02	2.5	-29.60	-61.87	0.00065	-56.79	0.00209
5700MHz_TnomVnom	Pass	5.745G	26G	1M	22171.805	-46.37	0.02309	-26.02	2.5	-20.35	-49.74	0.01062	-49.04	0.01247
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	30M	5.455G	1M	4821.631	-57.51	0.00178	-26.02	2.5	-31.49	-63.02	0.0005	-58.94	0.00128
5500MHz_TnomVnom	Pass	5.745G	26G	1M	22146.486	-46.60	0.02187	-26.02	2.5	-20.58	-49.43	0.0114	-49.80	0.01047
5600MHz_TnomVnom	Pass	30M	5.455G	1M	4821.631	-56.96	0.00201	-26.02	2.5	-30.94	-61.71	0.00067	-58.73	0.00134
5600MHz_TnomVnom	Pass	5.745G	26G	1M	22131.295	-46.39	0.02297	-26.02	2.5	-20.37	-49.30	0.01175	-49.50	0.01122
5700MHz_TnomVnom	Pass	30M	5.455G	1M	4820.953	-56.17	0.00241	-26.02	2.5	-30.15	-62.09	0.00062	-57.46	0.00179
5700MHz_TnomVnom	Pass	5.745G	26G	1M	22149.018	-46.31	0.02336	-26.02	2.5	-20.29	-49.70	0.01072	-48.98	0.01265
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz_TnomVnom	Pass	30M	5.42G	1M	4821.036	-57.21	0.0019	-26.02	2.5	-31.19	-62.42	0.00057	-58.77	0.00133
5510MHz_TnomVnom	Pass	5.76G	26G	1M	22149.34	-46.10	0.02455	-26.02	2.5	-20.08	-48.67	0.01358	-49.60	0.01096
5590MHz_TnomVnom	Pass	30M	5.42G	1M	4821.036	-57.25	0.00188	-26.02	2.5	-31.23	-62.71	0.00054	-58.70	0.00135
5590MHz_TnomVnom	Pass	5.76G	26G	1M	22169.58	-46.26	0.02366	-26.02	2.5	-20.24	-49.27	0.01183	-49.27	0.01183
5670MHz_TnomVnom	Pass	30M	5.42G	1M	4821.036	-56.46	0.00226	-26.02	2.5	-30.44	-63.14	0.00049	-57.51	0.00177
5670MHz_TnomVnom	Pass	5.76G	26G	1M	22121.51	-46.46	0.02262	-26.02	2.5	-20.44	-48.92	0.01282	-50.09	0.00979
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz_TnomVnom	Pass	30M	5.34G	1M	4821.611	-56.69	0.00214	-26.02	2.5	-30.67	-62.18	0.00061	-58.13	0.00154
5530MHz_TnomVnom	Pass	5.8G	26G	1M	22121.6	-46.38	0.02302	-26.02	2.5	-20.36	-49.41	0.01146	-49.37	0.01156
5610MHz_TnomVnom	Pass	30M	5.34G	1M	4821.611	-58.38	0.00145	-26.02	2.5	-32.36	-62.74	0.00053	-60.36	0.00092
5610MHz_TnomVnom	Pass	5.8G	26G	1M	22131.7	-45.83	0.02614	-26.02	2.5	-19.81	-49.18	0.01208	-48.52	0.01406

802.11a_Nss1_2TX **CSE-TX**

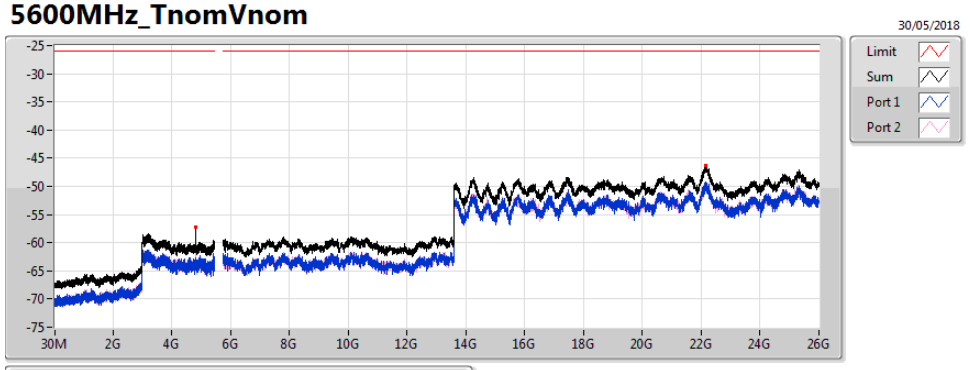
5500MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.631	-57.69	-26.02	-31.67	-63.01	-59.20
22159.146	-46.46	-26.02	-20.44	-49.22	-49.73

802.11a_Nss1_2TX **CSE-TX**

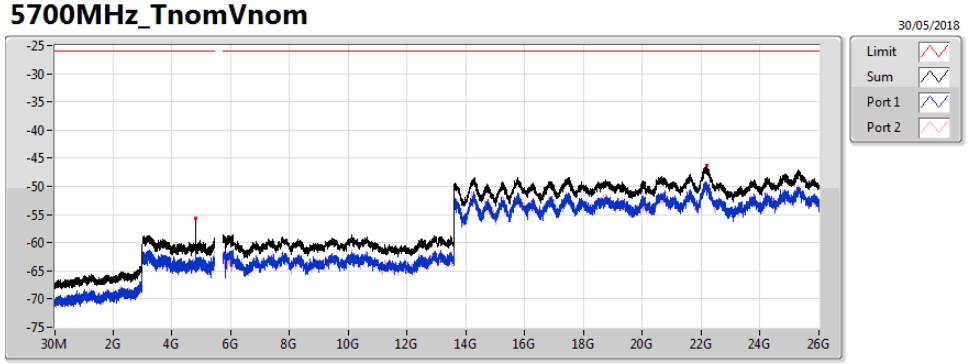
5600MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.631	-57.17	-26.02	-31.15	-62.60	-58.64
22136.359	-46.28	-26.02	-20.26	-49.35	-49.23

802.11a_Nss1_2TX **CSE-TX**

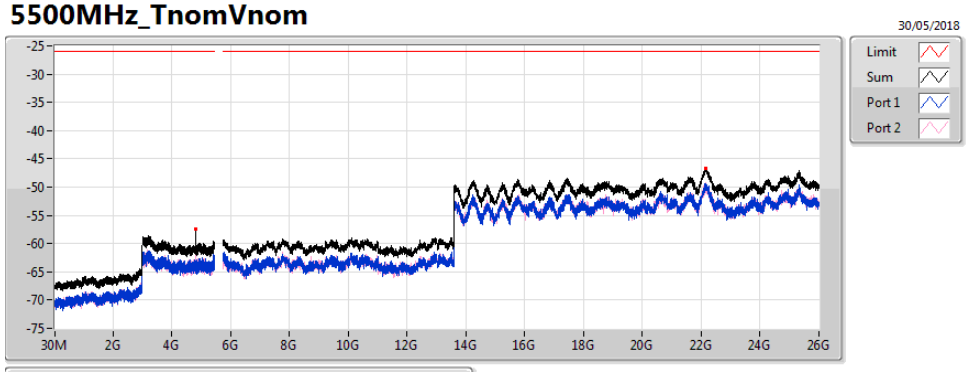
5700MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.631	-55.62	-26.02	-29.60	-61.87	-56.79
22171.805	-46.37	-26.02	-20.35	-49.74	-49.04

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-TX**

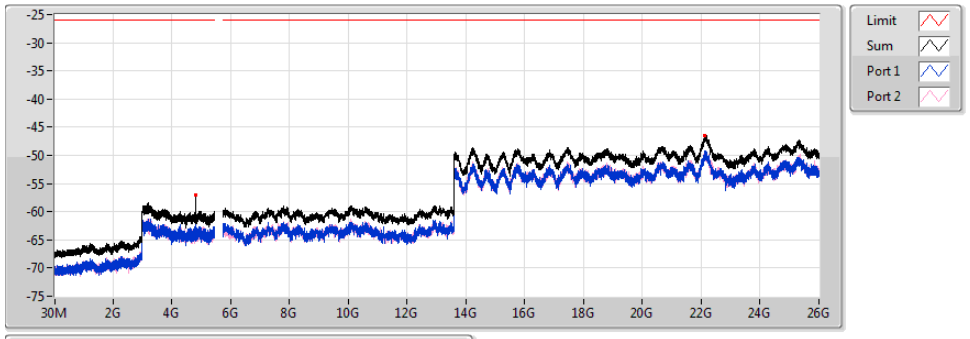
5500MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.631	-57.51	-26.02	-31.49	-63.02	-58.94
22146.486	-46.60	-26.02	-20.58	-49.43	-49.80

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-TX**

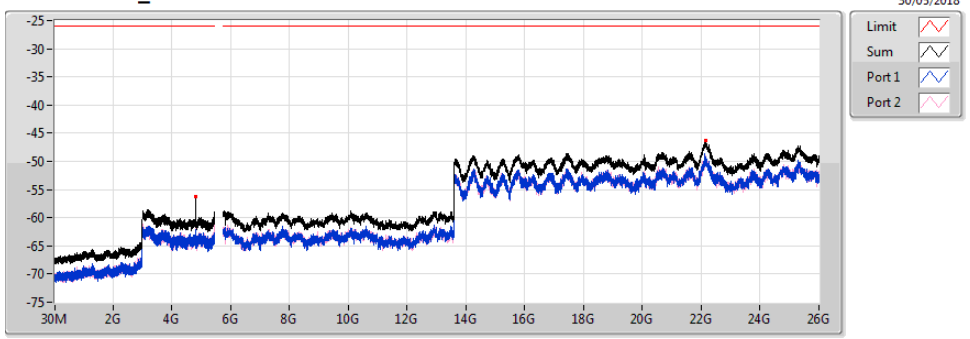
5600MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.631	-56.96	-26.02	-30.94	-61.71	-58.73
22131.295	-46.39	-26.02	-20.37	-49.30	-49.50

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-TX**

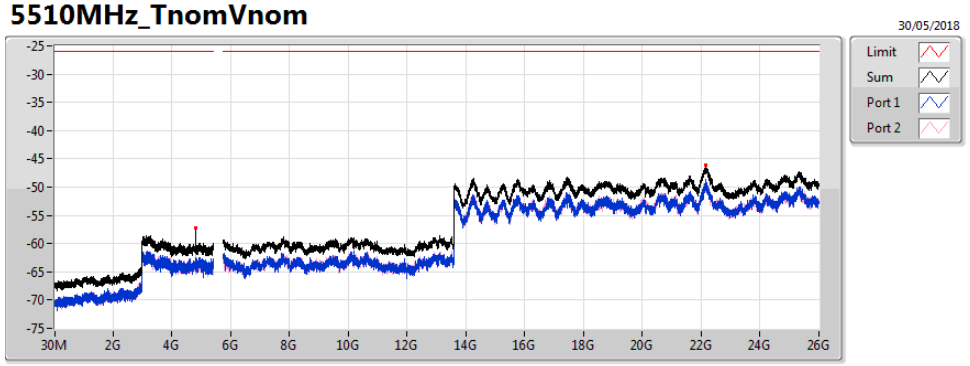
5700MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4820.953	-56.17	-26.02	-30.15	-62.09	-57.46
22149.018	-46.31	-26.02	-20.29	-49.70	-48.98

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-TX**

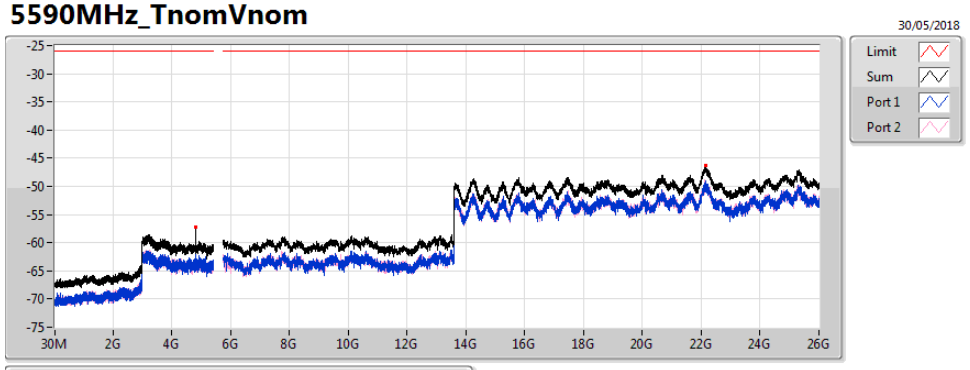
5510MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.036	-57.21	-26.02	-31.19	-62.42	-58.77
22149.34	-46.10	-26.02	-20.08	-48.67	-49.60

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-TX**

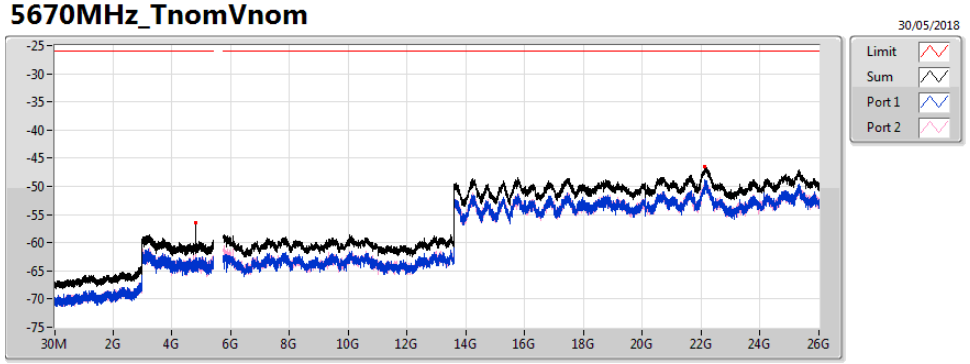
5590MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.036	-57.25	-26.02	-31.23	-62.71	-58.70
22169.58	-46.26	-26.02	-20.24	-49.27	-49.27

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-TX**

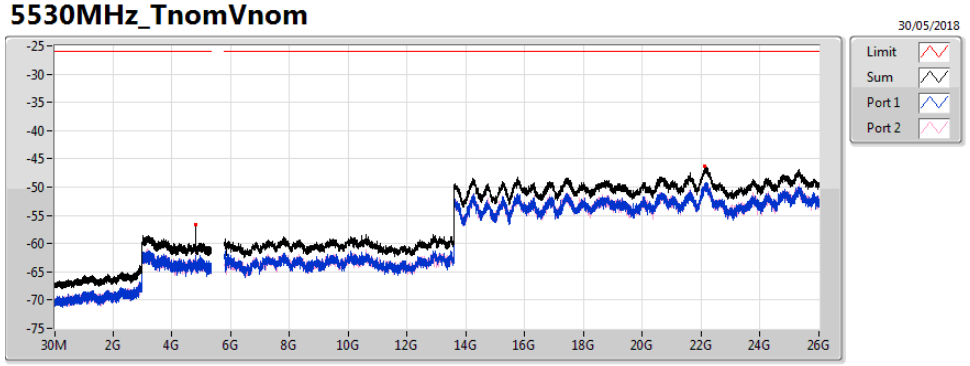
5670MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.036	-56.46	-26.02	-30.44	-63.14	-57.51
22121.51	-46.46	-26.02	-20.44	-48.92	-50.09

802.11ac VHT80_Nss1,(MCS0)_2TX **CSE-TX**

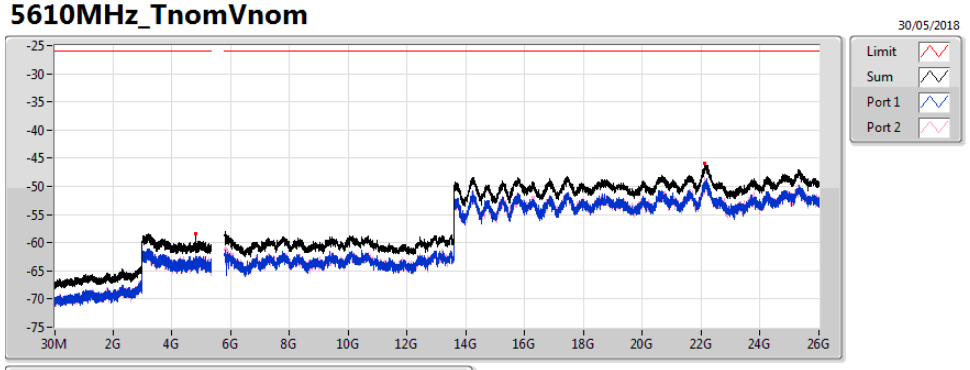
5530MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.611	-56.69	-26.02	-30.67	-62.18	-58.13
22121.6	-46.38	-26.02	-20.36	-49.41	-49.37

802.11ac VHT80_Nss1,(MCS0)_2TX **CSE-TX**

5610MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
4821.611	-58.38	-26.02	-32.36	-62.74	-60.36
22131.7	-45.83	-26.02	-19.81	-49.18	-48.52

Summary

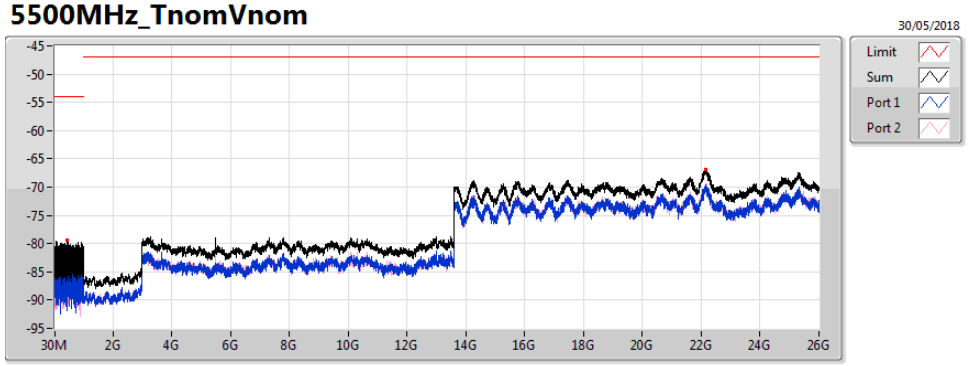
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)	P2 (dBm)	P2 (nW/MHz)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_2TX	Pass	1G	26G	1M	22165.625	-66.73	0.21255	-46.99	20	-19.74	-69.46	0.11324	-70.03	0.09931
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	1G	26G	1M	22153.125	-66.48	0.22469	-46.99	20	-19.49	-69.56	0.11066	-69.43	0.11402
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	1G	26G	1M	22184.375	-66.66	0.21581	-46.99	20	-19.67	-69.73	0.10641	-69.61	0.1094
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	1G	26G	1M	22171.875	-66.59	0.21913	-46.99	20	-19.60	-70.06	0.09863	-69.19	0.1205

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)	P2 (dBm)	P2 (nW/MHz)
802.11a_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	30M	1G	100k	438.976	-79.41	0.01145	-53.98	4	-25.43	-84.21	0.00379	-81.16	0.00766
5500MHz_TnomVnom	Pass	1G	26G	1M	22134.375	-66.79	0.20948	-46.99	20	-19.80	-70.12	0.09727	-69.50	0.1122
5600MHz_TnomVnom	Pass	30M	1G	100k	221.211	-79.42	0.01143	-53.98	4	-25.44	-84.67	0.00341	-80.96	0.00802
5600MHz_TnomVnom	Pass	1G	26G	1M	22165.625	-66.73	0.21255	-46.99	20	-19.74	-69.46	0.11324	-70.03	0.09931
5700MHz_TnomVnom	Pass	30M	1G	100k	975.75	-79.39	0.01152	-53.98	4	-25.41	-81.45	0.00716	-83.61	0.00436
5700MHz_TnomVnom	Pass	1G	26G	1M	22168.75	-66.80	0.20899	-46.99	20	-19.81	-69.32	0.11695	-70.36	0.09204
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz_TnomVnom	Pass	30M	1G	100k	861.411	-79.38	0.01153	-53.98	4	-25.40	-82.97	0.00505	-81.88	0.00649
5500MHz_TnomVnom	Pass	1G	26G	1M	22153.125	-66.48	0.22469	-46.99	20	-19.49	-69.56	0.11066	-69.43	0.11402
5600MHz_TnomVnom	Pass	30M	1G	100k	961.685	-79.55	0.01109	-53.98	4	-25.57	-84.19	0.00381	-81.38	0.00728
5600MHz_TnomVnom	Pass	1G	26G	1M	22171.875	-66.52	0.2226	-46.99	20	-19.53	-69.91	0.10209	-69.19	0.1205
5700MHz_TnomVnom	Pass	30M	1G	100k	797.513	-79.09	0.01234	-53.98	4	-25.11	-83.43	0.00454	-81.08	0.0078
5700MHz_TnomVnom	Pass	1G	26G	1M	22150	-66.56	0.22069	-46.99	20	-19.57	-69.11	0.12274	-70.09	0.09795
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz_TnomVnom	Pass	30M	1G	100k	468.319	-79.50	0.01121	-53.98	4	-25.52	-84.43	0.00361	-81.19	0.0076
5510MHz_TnomVnom	Pass	1G	26G	1M	22162.5	-66.77	0.21047	-46.99	20	-19.78	-69.90	0.10233	-69.66	0.10814
5590MHz_TnomVnom	Pass	30M	1G	100k	790.844	-79.72	0.01065	-53.98	4	-25.74	-81.35	0.00733	-84.78	0.00333
5590MHz_TnomVnom	Pass	1G	26G	1M	22184.375	-66.66	0.21581	-46.99	20	-19.67	-69.73	0.10641	-69.61	0.1094
5670MHz_TnomVnom	Pass	30M	1G	100k	142.52	-79.27	0.01183	-53.98	4	-25.29	-80.98	0.00798	-84.14	0.00385
5670MHz_TnomVnom	Pass	1G	26G	1M	22150	-66.90	0.20434	-46.99	20	-19.91	-70.08	0.09817	-69.74	0.10617
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz_TnomVnom	Pass	30M	1G	100k	887.237	-79.23	0.01194	-53.98	4	-25.25	-81.89	0.00647	-82.62	0.00547
5530MHz_TnomVnom	Pass	1G	26G	1M	22171.875	-66.59	0.21913	-46.99	20	-19.60	-70.06	0.09863	-69.19	0.1205
5610MHz_TnomVnom	Pass	30M	1G	100k	315.544	-79.43	0.01139	-53.98	4	-25.45	-81.44	0.00718	-83.75	0.00422
5610MHz_TnomVnom	Pass	1G	26G	1M	22153.125	-66.65	0.21614	-46.99	20	-19.66	-70.00	0.1	-69.35	0.11614

802.11a_Nss1_2TX **CSE-RX**

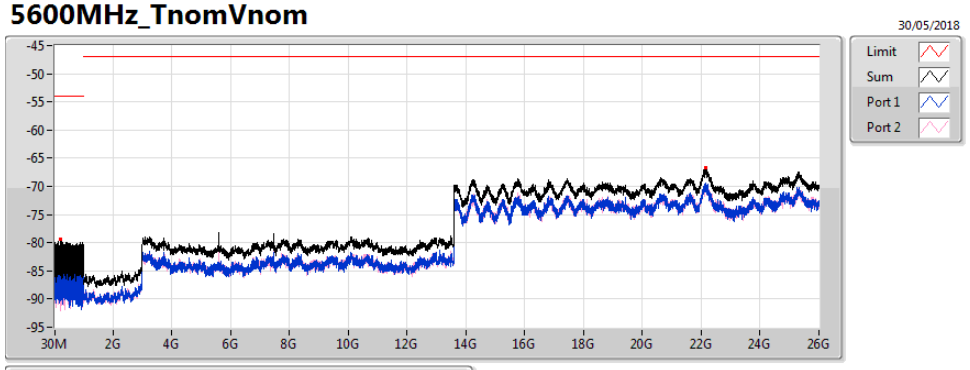
5500MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
438.976	-79.41	-53.98	-25.43	-84.21	-81.16
22134.375	-66.79	-46.99	-19.80	-70.12	-69.50

802.11a_Nss1_2TX **CSE-RX**

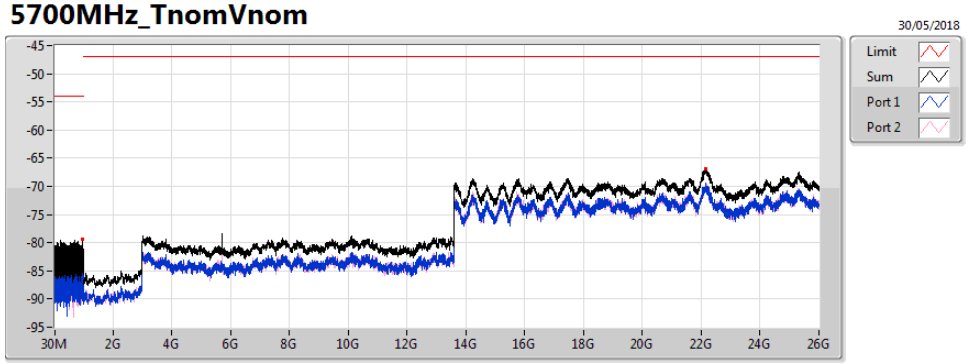
5600MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
221.211	-79.42	-53.98	-25.44	-84.67	-80.96
22165.625	-66.73	-46.99	-19.74	-69.46	-70.03

802.11a_Nss1_2TX **CSE-RX**

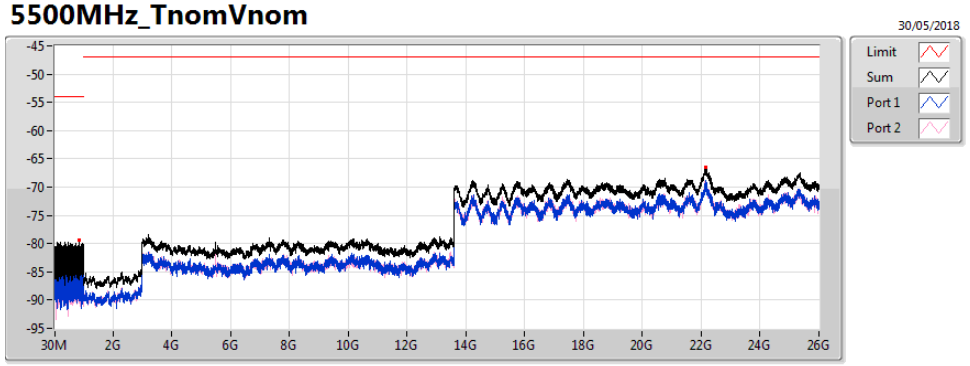
5700MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
975.75	-79.39	-53.98	-25.41	-81.45	-83.61
22168.75	-66.80	-46.99	-19.81	-69.32	-70.36

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-RX**

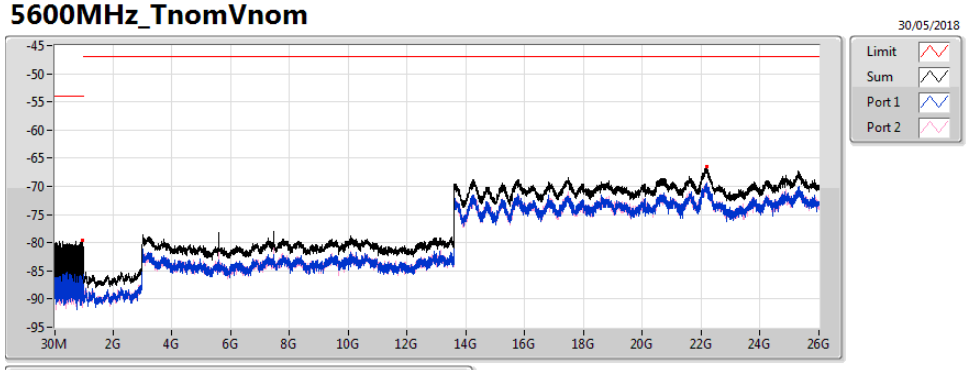
5500MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
861.411	-79.38	-53.98	-25.40	-82.97	-81.88
22153.125	-66.48	-46.99	-19.49	-69.56	-69.43

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-RX**

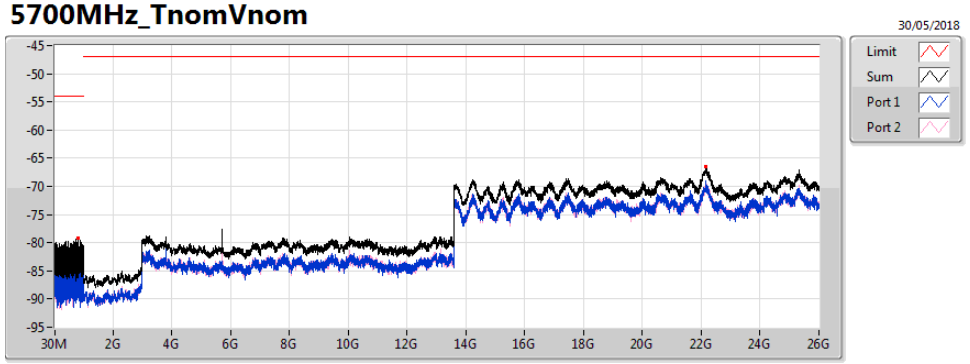
5600MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
961.685	-79.55	-53.98	-25.57	-84.19	-81.38
22171.875	-66.52	-46.99	-19.53	-69.91	-69.19

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE-RX**

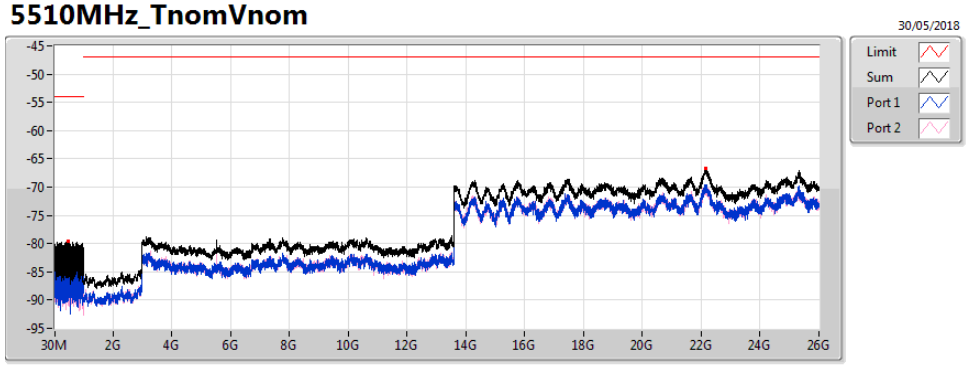
5700MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
797.513	-79.09	-53.98	-25.11	-83.43	-81.08
22150	-66.56	-46.99	-19.57	-69.11	-70.09

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-RX**

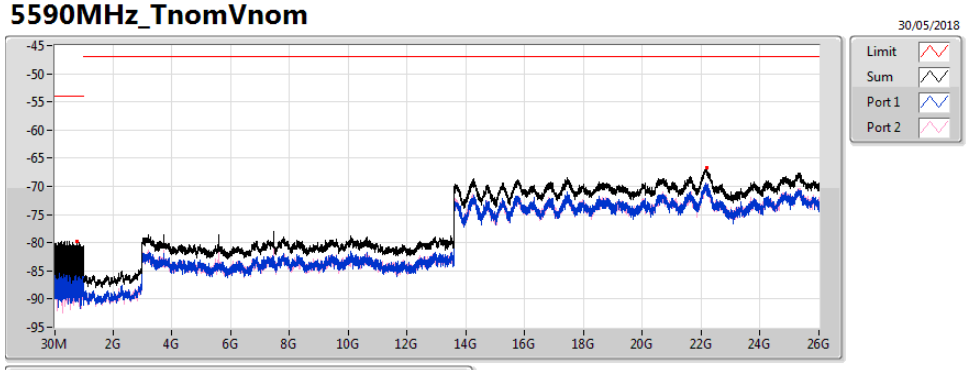
5510MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
468.319	-79.50	-53.98	-25.52	-84.43	-81.19
22162.5	-66.77	-46.99	-19.78	-69.90	-69.66

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-RX**

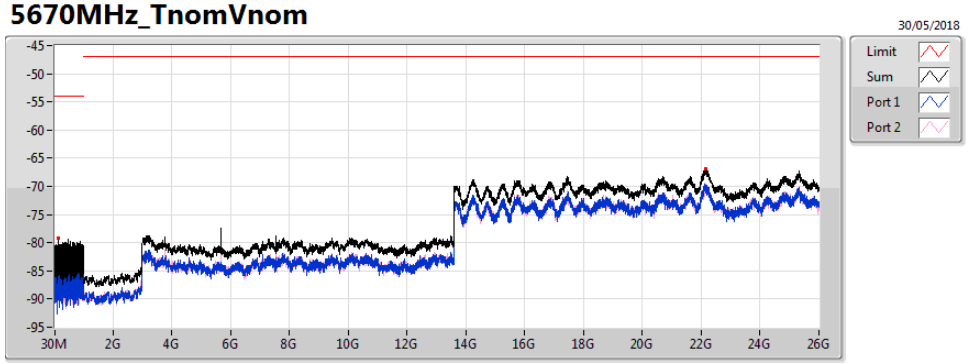
5590MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
790.844	-79.72	-53.98	-25.74	-81.35	-84.78
22184.375	-66.66	-46.99	-19.67	-69.73	-69.61

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE-RX**

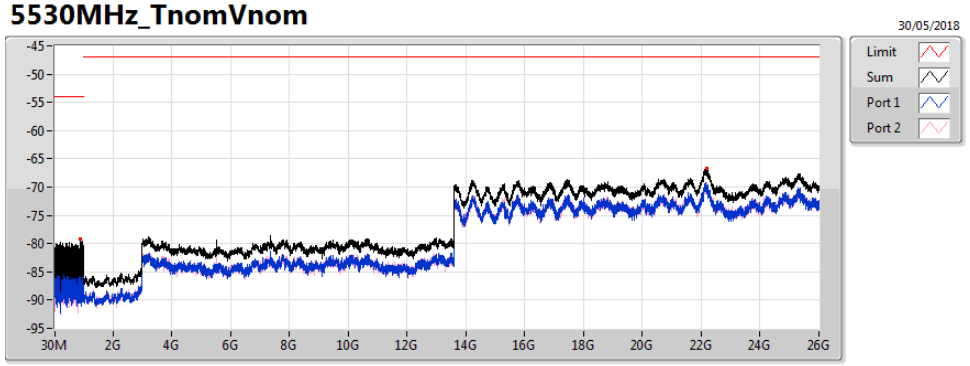
5670MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
142.52	-79.27	-53.98	-25.29	-80.98	-84.14
22150	-66.90	-46.99	-19.91	-70.08	-69.74

802.11ac VHT80_Nss1,(MCS0)_2TX **CSE-RX**

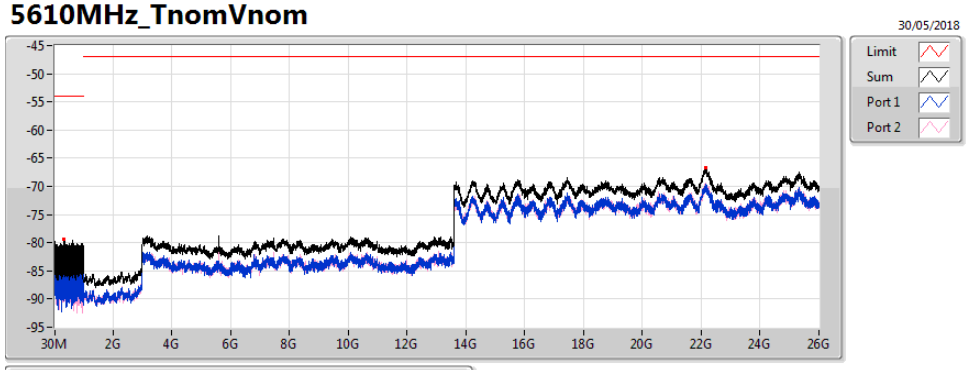
5530MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
887.237	-79.23	-53.98	-25.25	-81.89	-82.62
22171.875	-66.59	-46.99	-19.60	-70.06	-69.19

802.11ac VHT80_Nss1,(MCS0)_2TX **CSE-RX**

5610MHz_TnomVnom



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
315.544	-79.43	-53.98	-25.45	-81.44	-83.75
22153.125	-66.65	-46.99	-19.66	-70.00	-69.35

Summary

Mode	Result	WiFi MAC	ID Length	ID Limit	Function
5.47-5.725GHz	-		-	-	-
802.11a_Nss1_2TX	Pass	c6-34-3d-b5-04-5a	48 bits	19 bits	Good
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	c6-34-3d-b5-04-5a	48 bits	19 bits	Good
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	c6-34-3d-b5-04-5a	48 bits	19 bits	Good
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	c6-34-3d-b5-04-5a	48 bits	19 bits	Good

Result

Mode	Result	ID Length	ID Limit	Function
802.11a_Nss1_2TX	-	-	-	-
5500MHz_TnomVnom	Pass	48 bits	19 bits	Good
5600MHz_TnomVnom	Pass	48 bits	19 bits	Good
5700MHz_TnomVnom	Pass	48 bits	19 bits	Good
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-
5500MHz_TnomVnom	Pass	48 bits	19 bits	Good
5600MHz_TnomVnom	Pass	48 bits	19 bits	Good
5700MHz_TnomVnom	Pass	48 bits	19 bits	Good
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-
5510MHz_TnomVnom	Pass	48 bits	19 bits	Good
5590MHz_TnomVnom	Pass	48 bits	19 bits	Good
5670MHz_TnomVnom	Pass	48 bits	19 bits	Good
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-
5530MHz_TnomVnom	Pass	48 bits	19 bits	Good
5610MHz_TnomVnom	Pass	48 bits	19 bits	Good

Summary

Mode	Max-Dwell (s)
5.47-5.725GHz	-
802.11a_Nss1_2TX	2.065m
802.11ac VHT20_Nss1,(MCS0)_2TX	3.126m
802.11ac VHT40_Nss1,(MCS0)_2TX	2.437m
802.11ac VHT80_Nss1,(MCS0)_2TX	1.149m

Result

Mode	Result	TX Burst Time (s)	Limit (s)
802.11a_Nss1_2TX	-	-	-
5500MHz_TnomVnom	Pass	2.064m	4m
5600MHz_TnomVnom	Pass	2.065m	4m
5700MHz_TnomVnom	Pass	2.064m	4m
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-
5500MHz_TnomVnom	Pass	3.126m	4m
5600MHz_TnomVnom	Pass	3.126m	4m
5700MHz_TnomVnom	Pass	3.126m	4m
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-
5510MHz_TnomVnom	Pass	2.436m	4m
5590MHz_TnomVnom	Pass	2.437m	4m
5670MHz_TnomVnom	Pass	2.437m	4m
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-
5530MHz_TnomVnom	Pass	1.149m	4m
5610MHz_TnomVnom	Pass	1.149m	4m

Summary

Mode	Result	Interference Pin (dBm)	Function
5.47-5.725GHz	-	-	-
802.11a_Nss1_2TX	Pass	-32.33	Good
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	-32.33	Good
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	-32.28	Good
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	-32.19	Good

Result

Mode	Result	Interference Pin (dBm)	Function
802.11a_Nss1_2TX	-	-	-
5500MHz_TnomVnom	Pass	-32.02	Good
5600MHz_TnomVnom	Pass	-32.17	Good
5700MHz_TnomVnom	Pass	-32.33	Good
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-
5500MHz_TnomVnom	Pass	-32.02	Good
5600MHz_TnomVnom	Pass	-32.17	Good
5700MHz_TnomVnom	Pass	-32.33	Good
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-
5510MHz_TnomVnom	Pass	-32.03	Good
5590MHz_TnomVnom	Pass	-32.16	Good
5670MHz_TnomVnom	Pass	-32.28	Good
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-
5530MHz_TnomVnom	Pass	-32.06	Good
5610MHz_TnomVnom	Pass	-32.19	Good