FCC RADIO TEST REPORT

FCC ID	:	2AGZ3S01011
Equipment	:	Starry Atlas WiFi 6 Router, Wireless AX 2.5G Ethernet Gateway
Brand Name	:	Starry, ZYXEL
Model Name	:	S01011, EX5713-M0
Applicant	:	Starry, Inc. 38 Chauncy Street, Suite 200, Boston, MA 02111, USA
Manufacturer	:	Zyxel Communications Corporation No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Aug. 05, 2020, and testing was started from Aug. 24, 2020 and completed on Sep. 14, 2020. 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 ANSI C63.10-2013 and shown compliance with the applicable 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: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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Appendix G. Test Photos

Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR072421	01	Initial issue of report	Sep. 30, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	8
5.15-5.25GHz	802.11n HT20	20	8
5.15-5.25GHz	802.11n HT20-BF	20	8
5.15-5.25GHz	802.11ac VHT20	20	8
5.15-5.25GHz	802.11ac VHT20-BF	20	8
5.15-5.25GHz	802.11ax HEW20	20	8
5.15-5.25GHz	802.11ax HEW20-BF	20	8
5.15-5.25GHz	802.11n HT40	40	8
5.15-5.25GHz	802.11n HT40-BF	40	8
5.15-5.25GHz	802.11ac VHT40	40	8
5.15-5.25GHz	802.11ac VHT40-BF	40	8
5.15-5.25GHz	802.11ax HEW40	40	8
5.15-5.25GHz	802.11ax HEW40-BF	40	8
5.15-5.25GHz	802.11ac VHT80	80	8
5.15-5.25GHz	802.11ac VHT80-BF	80	8
5.15-5.25GHz	802.11ax HEW80	80	8
5.15-5.25GHz	802.11ax HEW80-BF	80	8
5.15-5.25GHz	802.11ac VHT160	160	8
5.15-5.25GHz	802.11ac VHT160-BF	160	8
5.25-5.35GHz	802.11a	20	8
5.25-5.35GHz	802.11n HT20	20	8
5.25-5.35GHz	802.11n HT20-BF	20	8
5.25-5.35GHz	802.11ac VHT20	20	8
5.25-5.35GHz	802.11ac VHT20-BF	20	8
5.25-5.35GHz	802.11ax HEW20	20	8
5.25-5.35GHz	802.11ax HEW20-BF	20	8
5.25-5.35GHz	802.11n HT40	40	8
5.25-5.35GHz	802.11n HT40-BF	40	8
5.25-5.35GHz	802.11ac VHT40	40	8
5.25-5.35GHz	802.11ac VHT40-BF	40	8
5.25-5.35GHz	802.11ax HEW40	40	8
5.25-5.35GHz	802.11ax HEW40-BF	40	8
5.25-5.35GHz	802.11ac VHT80	80	8
5.25-5.35GHz	802.11ac VHT80-BF	80	8
5.25-5.35GHz	802.11ax HEW80	80	8
5.25-5.35GHz	802.11ax HEW80-BF	80	8
5.25-5.35GHz	802.11ac VHT160	160	8
5.25-5.35GHz	802.11ac VHT160-BF	160	8
5.47-5.725GHz	802.11a	20	8

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11n HT20	20	8
5.47-5.725GHz	802.11n HT20-BF	20	8
5.47-5.725GHz	802.11ac VHT20	20	8
5.47-5.725GHz	802.11ac VHT20-BF	20	8
5.47-5.725GHz	802.11ax HEW20	20	8
5.47-5.725GHz	802.11ax HEW20-BF	20	8
5.47-5.725GHz	802.11n HT40	40	8
5.47-5.725GHz	802.11n HT40-BF	40	8
5.47-5.725GHz	802.11ac VHT40	40	8
5.47-5.725GHz	802.11ac VHT40-BF	40	8
5.47-5.725GHz	802.11ax HEW40	40	8
5.47-5.725GHz	802.11ax HEW40-BF	40	8
5.47-5.725GHz	802.11ac VHT80	80	8
5.47-5.725GHz	802.11ac VHT80-BF	80	8
5.47-5.725GHz	802.11ax HEW80	80	8
5.47-5.725GHz	802.11ax HEW80-BF	80	8
5.47-5.725GHz	802.11ac VHT160	160	8
5.47-5.725GHz	802.11ac VHT160-BF	160	8
5.725-5.85GHz	802.11a	20	8
5.725-5.85GHz	802.11n HT20	20	8
5.725-5.85GHz	802.11n HT20-BF	20	8
5.725-5.85GHz	802.11ac VHT20	20	8
5.725-5.85GHz	802.11ac VHT20-BF	20	8
5.725-5.85GHz	802.11ax HEW20	20	8
5.725-5.85GHz	802.11ax HEW20-BF	20	8
5.725-5.85GHz	802.11n HT40	40	8
5.725-5.85GHz	802.11n HT40-BF	40	8
5.725-5.85GHz	802.11ac VHT40	40	8
5.725-5.85GHz	802.11ac VHT40-BF	40	8
5.725-5.85GHz	802.11ax HEW40	40	8
5.725-5.85GHz	802.11ax HEW40-BF	40	8
5.725-5.85GHz	802.11ac VHT80	80	8
5.725-5.85GHz	802.11ac VHT80-BF	80	8
5.725-5.85GHz	802.11ax HEW80	80	8
5.725-5.85GHz	802.11ax HEW80-BF	80	8

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support	Gain (dBi)
1	5	Airgain	65-034-000120B	PCB Antenna	I-PEX	2.4G + 5G	Note 1
2	6	Airgain	65-034-000102B	PCB Antenna	I-PEX	2.4G + 5G	
3	8	Airgain	65-034-000101B	PCB Antenna	I-PEX	2.4G + 5G	
4	7	Airgain	65-034-000121B	PCB Antenna	I-PEX	2.4G + 5G	
5	1	Airgain	65-034-000103B	PCB Antenna	I-PEX	5G	
6	2	Airgain	65-034-000104B	PCB Antenna	I-PEX	5G	
7	4	Airgain	65-034-000105B	PCB Antenna	I-PEX	5G	
8	3	Airgain	65-034-000106B	PCB Antenna	I-PEX	5G	

Note 1:

Frequency (MHz)	Gain (dBi)	Directional Gain (dBi)
5180 MHz	6.0	8.10
5190 MHz	6.0	8.10
5200 MHz	6.0	8.10
5210 MHz	6.0	8.10
5230 MHz	6.0	8.10
5240 MHz	6.0	8.10
5250 MHz	6.8	8.10
5260 MHz	6.8	8.10
5270 MHz	6.8	8.10
5290 MHz	6.8	8.10
5300 MHz	6.8	8.10
5310 MHz	6.8	8.10
5320 MHz	6.8	8.10
5500 MHz	6.4	7.40
5510 MHz	6.4	7.40
5530 MHz	6.4	7.40
5550 MHz	6.3	7.40
5570 MHz	6.3	7.30
5580 MHz	6.3	7.30
5610 MHz	6.3	7.30
5670 MHz	6.4	7.40
5690 MHz	6.4	7.40
5700 MHz	6.4	7.40
5710 MHz	6.4	7.40

Frequency (MHz)	Gain (dBi)	Directional Gain (dBi)
5720 MHz	6.4	7.40
5745 MHz	6.4	7.40
5755 MHz	6.3	7.20
5775 MHz	6.3	7.20
5785 MHz	6.3	7.20
5795 MHz	6.3	7.20
5825 MHz	6.4	7.40

Note 2: The above information was declared by manufacturer.

For 5GHz function:

IEEE 802.11a/n/ac/ax (8TX/8RX):

Port 1 ~ Port 8 can be used as transmitting/receiving antenna.

Port 1 ~ Port 8 could transmit/receive simultaneously.

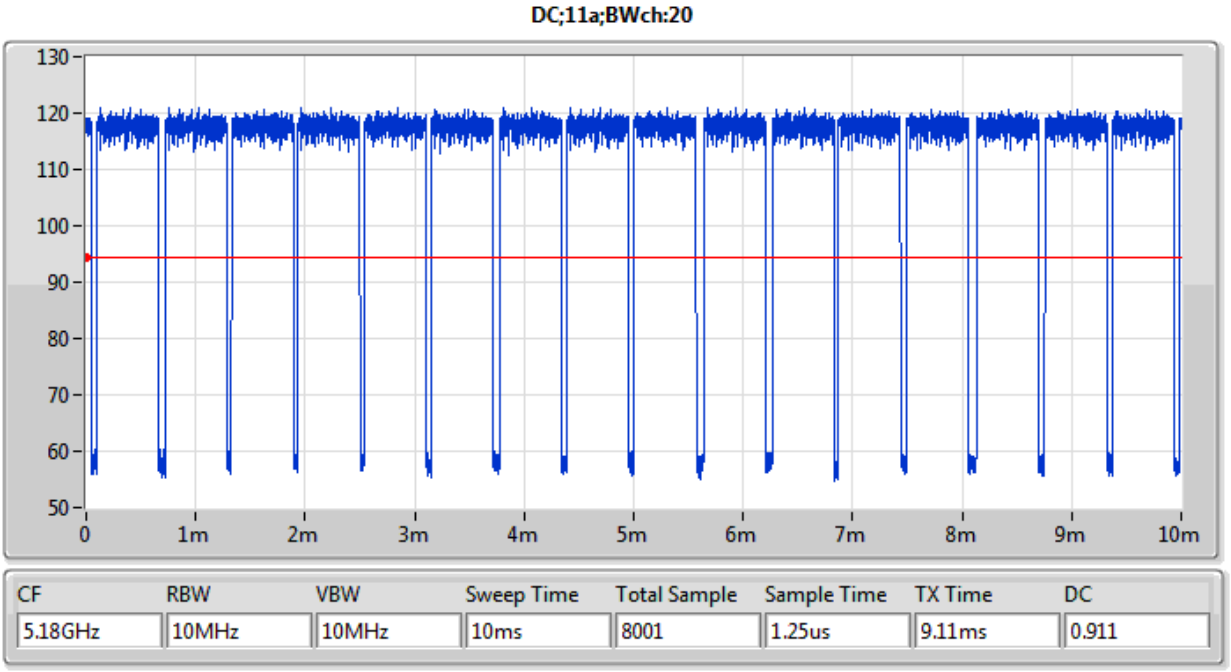
1.1.3 Mode Test Duty Cycle

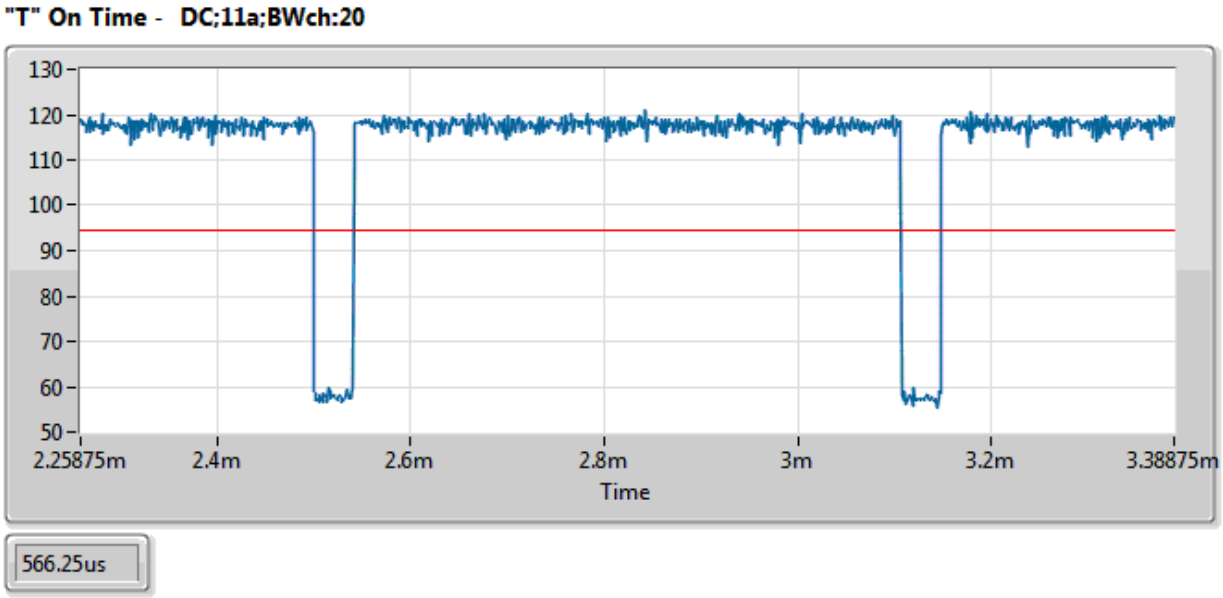
Mode	DC	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.911	0.4	566.25u
802.11ax HEW20	0.955	0.2	3.613m
802.11ax HEW20-BF	0.955	0.2	3.613m
802.11ax HEW40	0.959	0.18	2.734m
802.11ax HEW40-BF	0.959	0.18	2.734m
802.11ax HEW80	0.494	3.06	889.063u
802.11ax HEW80-BF	0.494	3.06	889.063u
802.11ac VHT160	0.969	0.14	4.853m
802.11ac VHT160-BF	0.969	0.14	4.853m

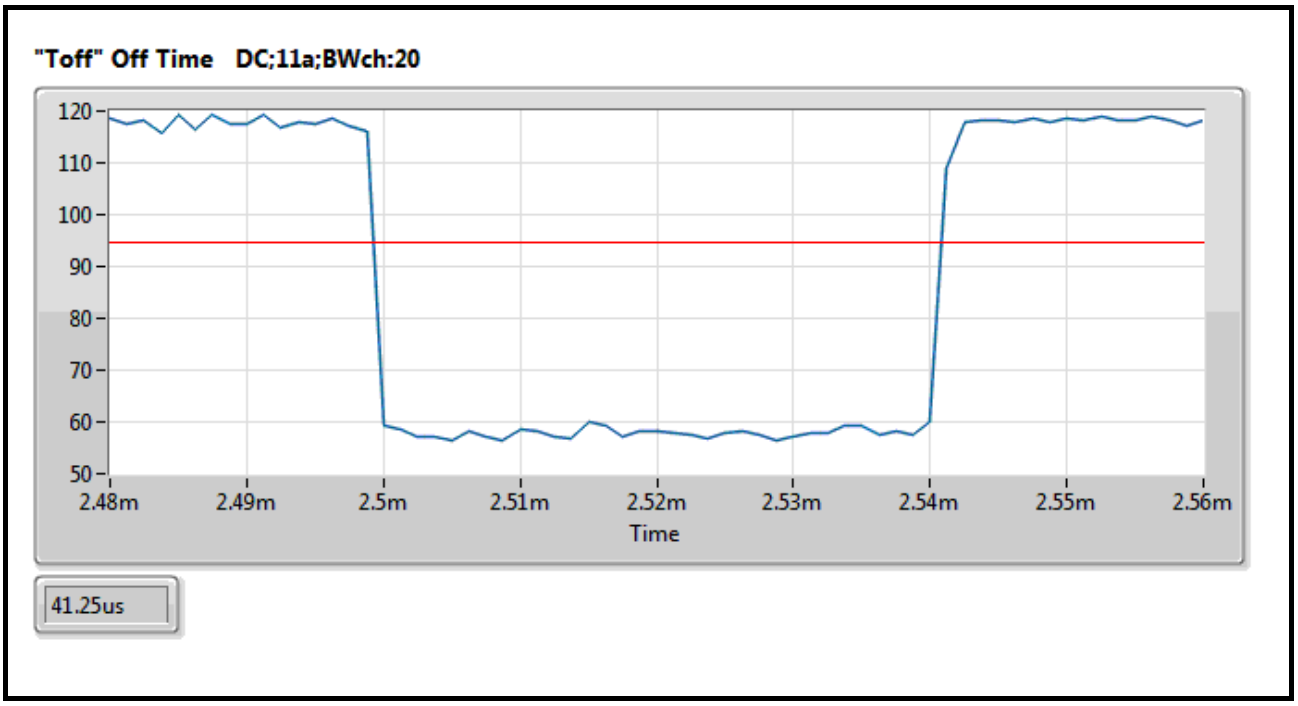
Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

Plot:

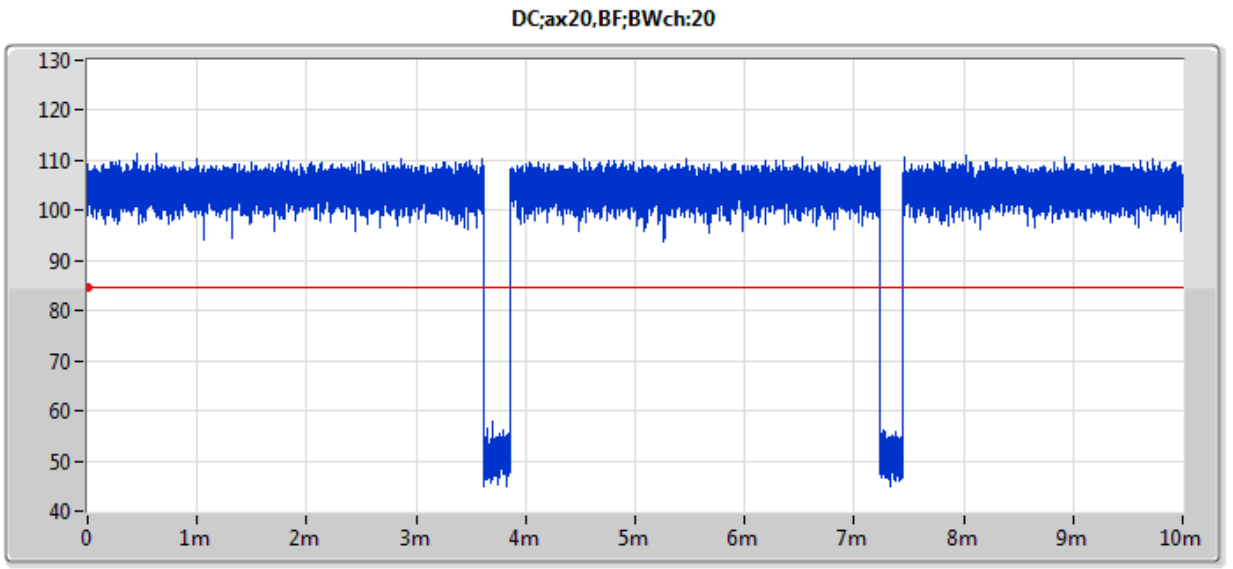
802.11a


DC;11a;BWch:20
130
120
110
100
90
80
70
60
50
0
1m
2m
3m
4m
5m
6m
7m
8m
9m
10m
CF
5.18GHz
RBW
10MHz
VBW
10MHz
Sweep Time
10ms
Total Sample
8001
Sample Time
1.25us
TX Time
9.11ms
DC
0.911


"T" On Time - DC;11a;BWch:20
130
120
110
100
90
80
70
60
50
2.25875m
2.4m
2.6m
2.8m
3m
3.2m
3.38875m
Time
566.25us

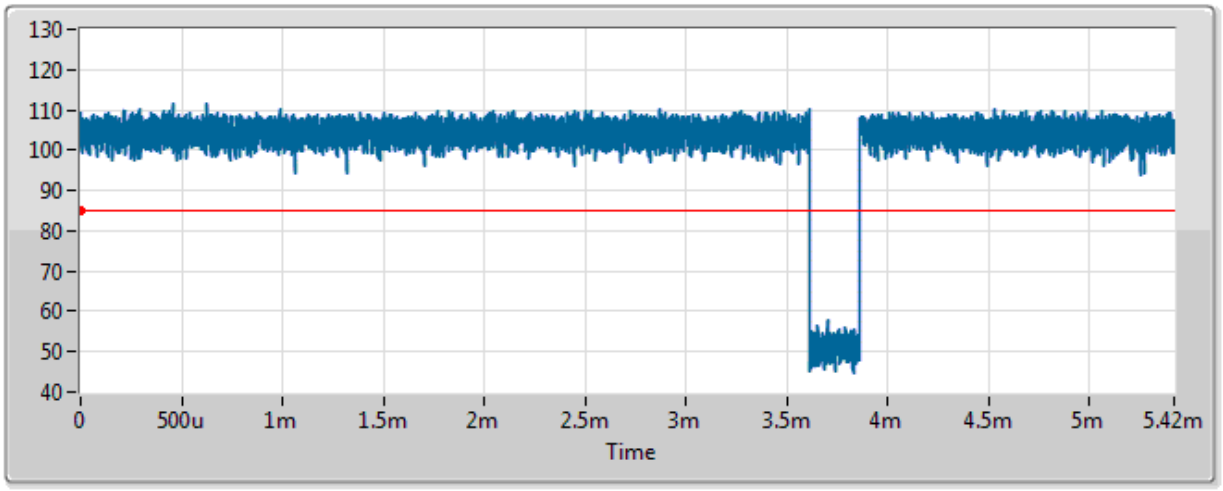

"Toff" Off Time DC;11a;BWch:20
120
110
100
90
80
70
60
50
2.48m
2.49m
2.5m
2.51m
2.52m
2.53m
2.54m
2.55m
2.56m
Time
41.25us

802.11ax HEW20

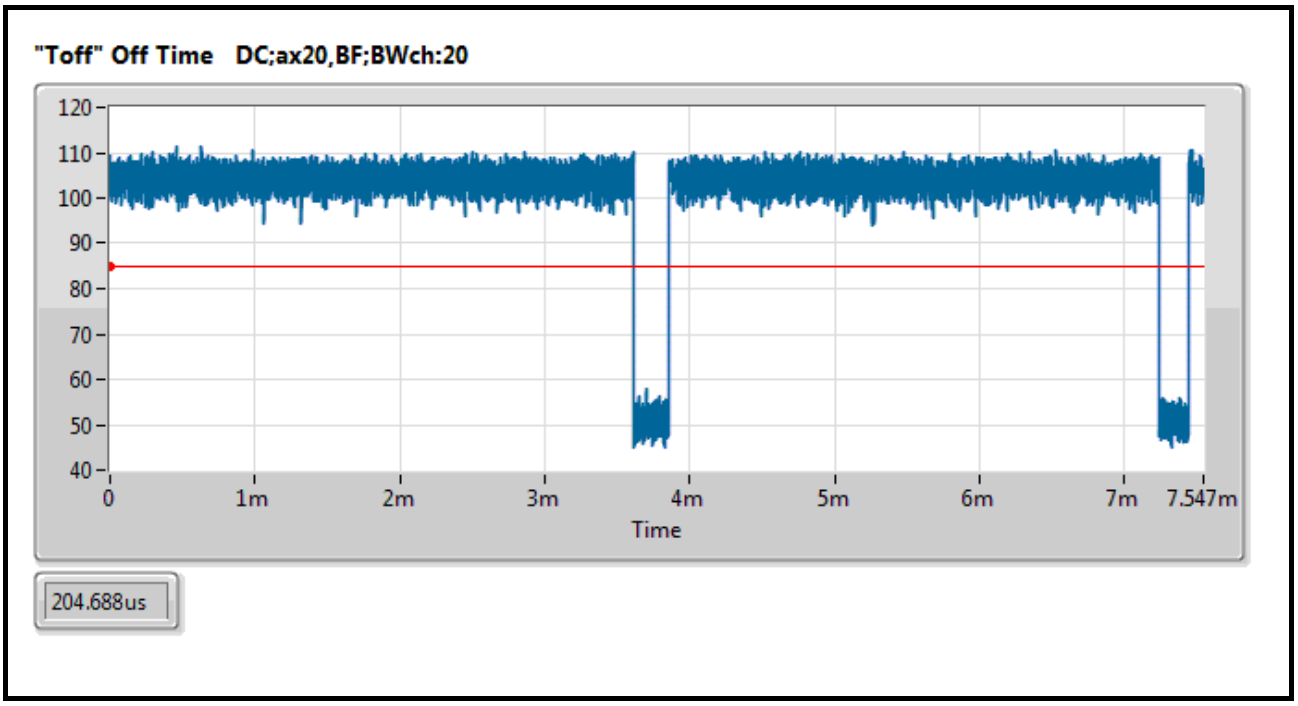


Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
5.72GHz	10MHz	10MHz	10ms	32001	312.5ns	9.550938ms	0.955

"T" On Time - DC;ax20,BF;BWch:20



3.613ms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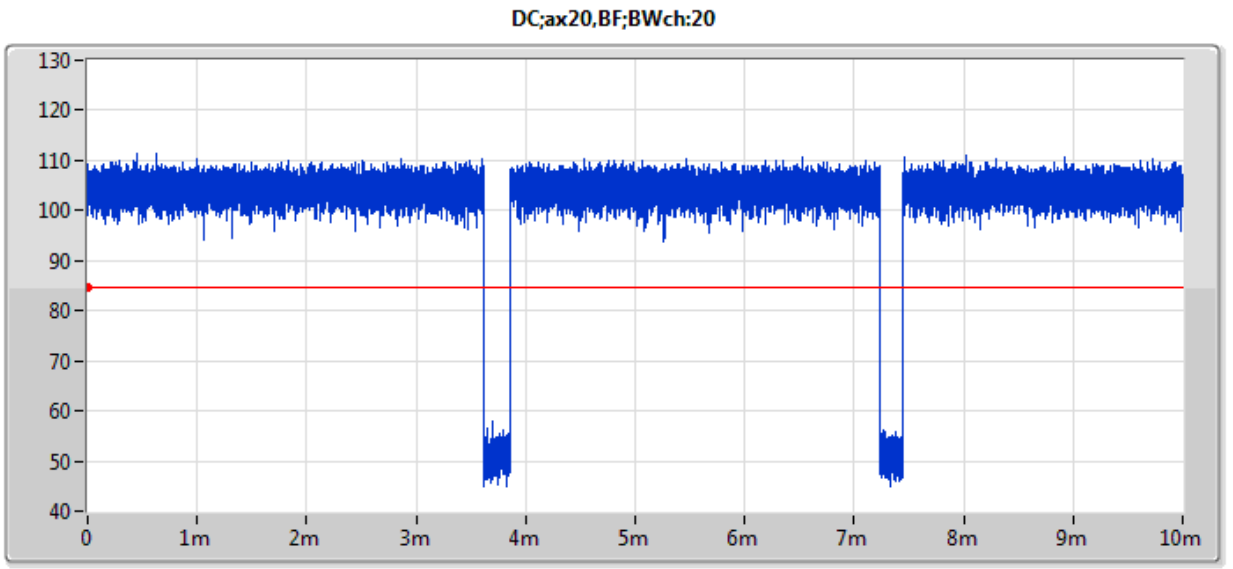
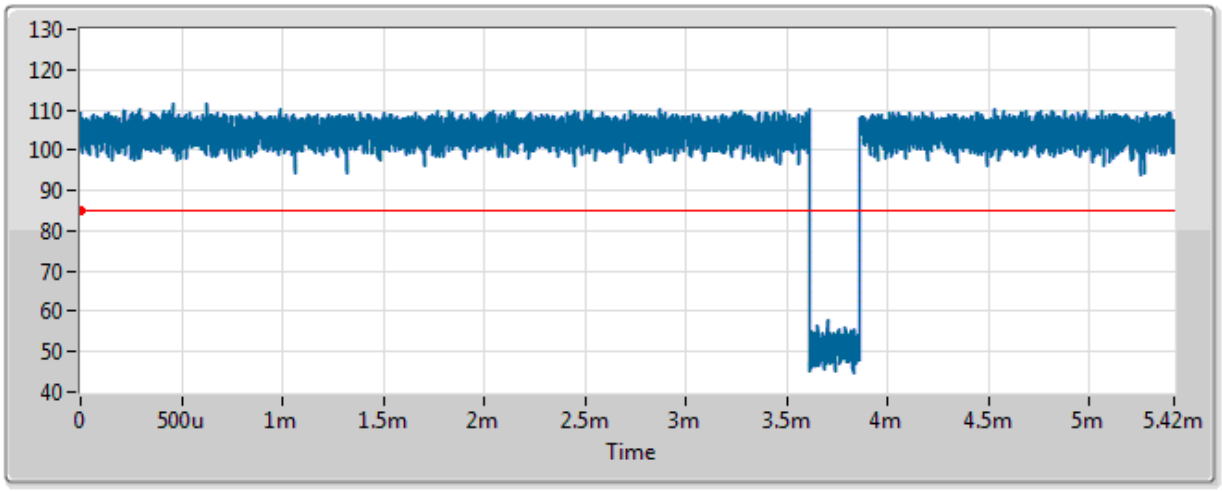
120
110
100
90
80
70
60
50
40
0
1m
2m
3m
4m
5m
6m
7m
7.547m
Time
204.688us

802.11ax HEW20-BF

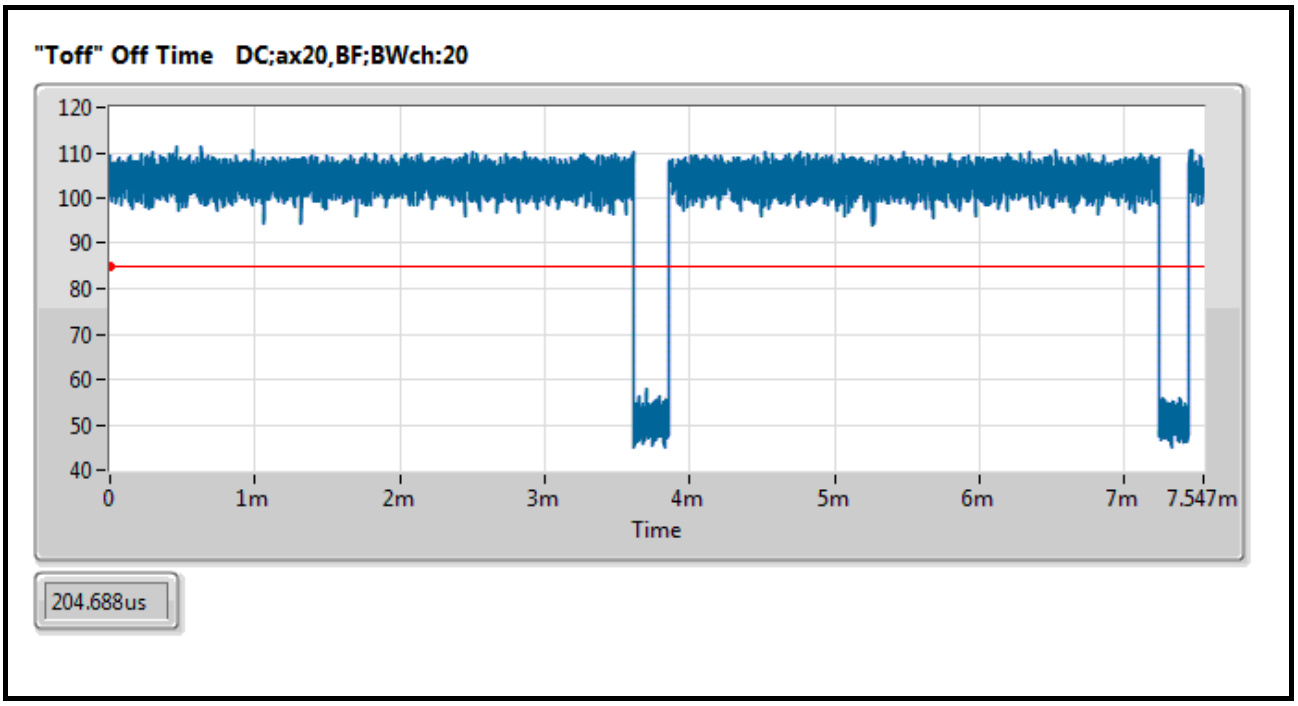


Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
5.72GHz	10MHz	10MHz	10ms	32001	312.5ns	9.550938ms	0.955

"T" On Time - DC;ax20,BF;BWch:20

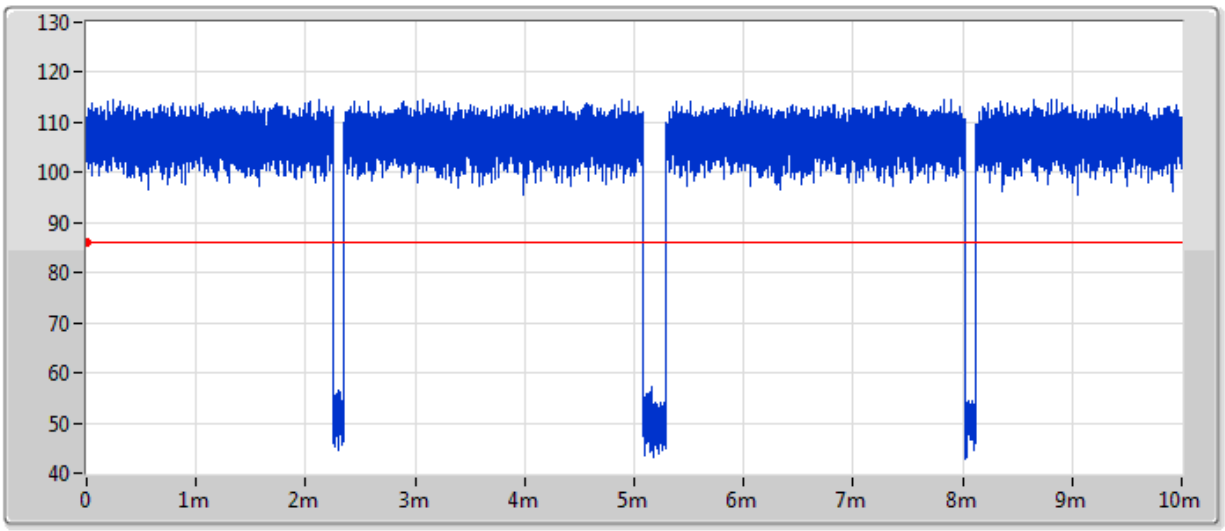


3.613ms


"Toff" Off Time DC;ax20,BF;BWch:20
120
110
100
90
80
70
60
50
40
0
1m
2m
3m
4m
5m
6m
7m
7.547m
Time
204.688us

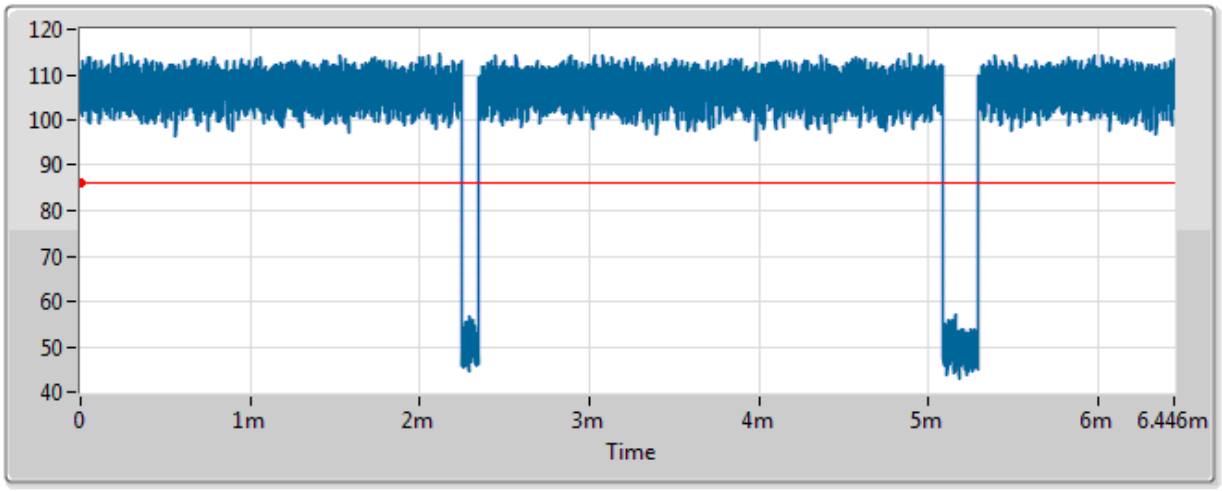
802.11ax HEW40

DC;ax40,BF;BWch:40

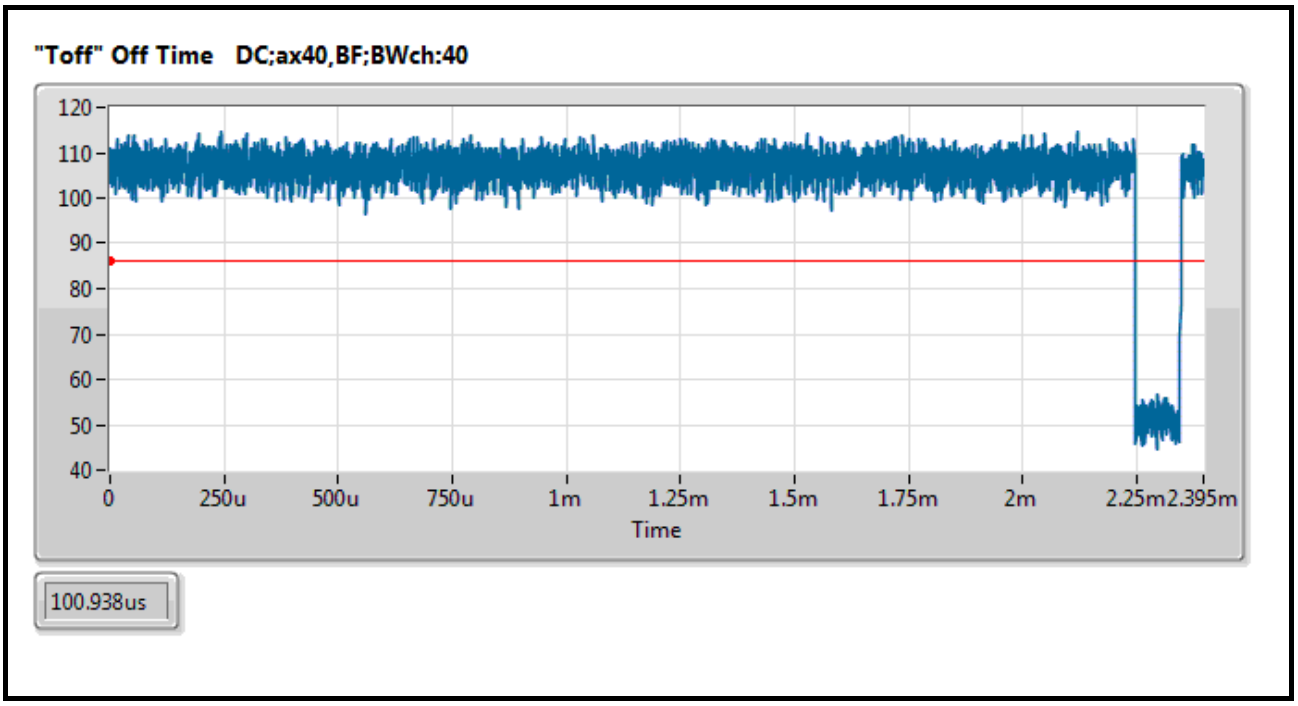


Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
5.19GHz	10MHz	10MHz	10ms	32001	312.5ns	9.589375ms	0.959

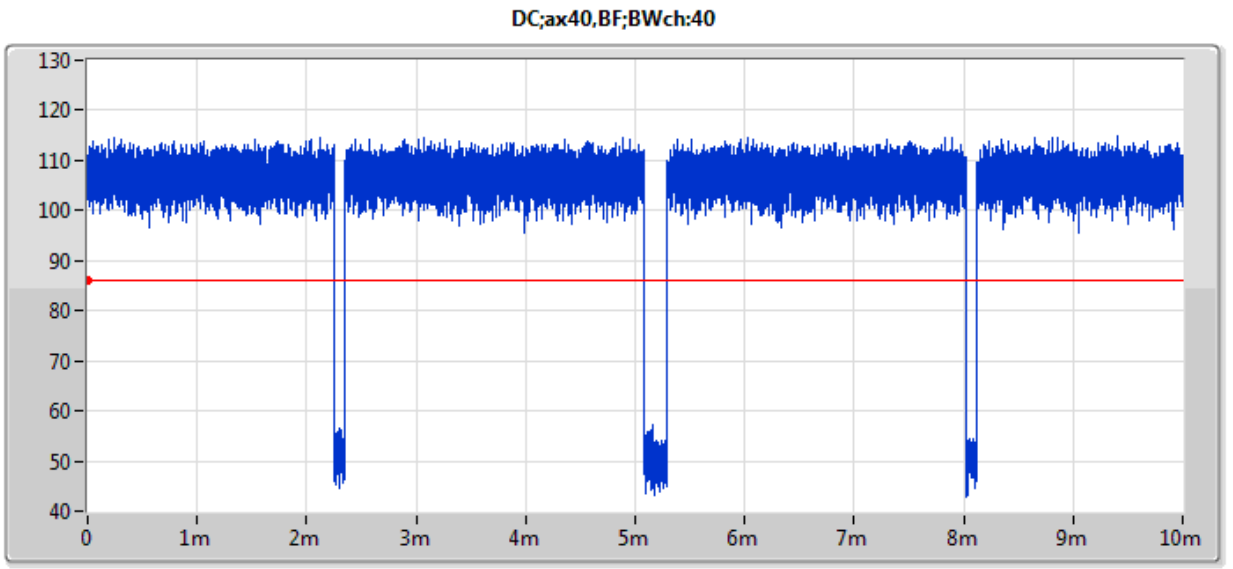
"T" On Time - DC;ax40,BF;BWch:40



2.734ms

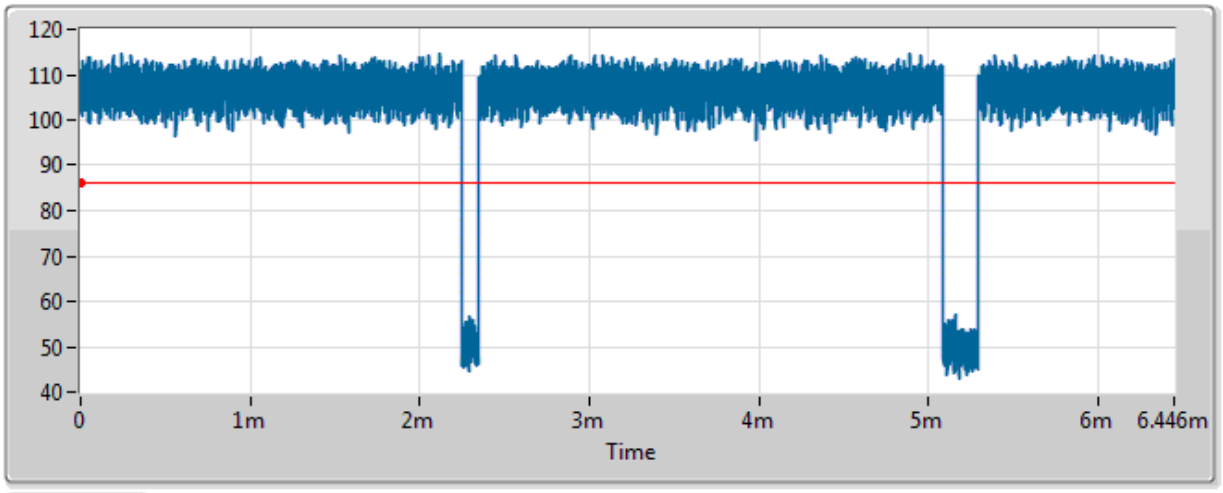

"Toff" Off Time DC;ax40,BF;BWch:40
120
110
100
90
80
70
60
50
40
0
250u
500u
750u
1m
1.25m
1.5m
1.75m
2m
2.25m
2.395m
Time
100.938us

802.11ax HEW40-BF



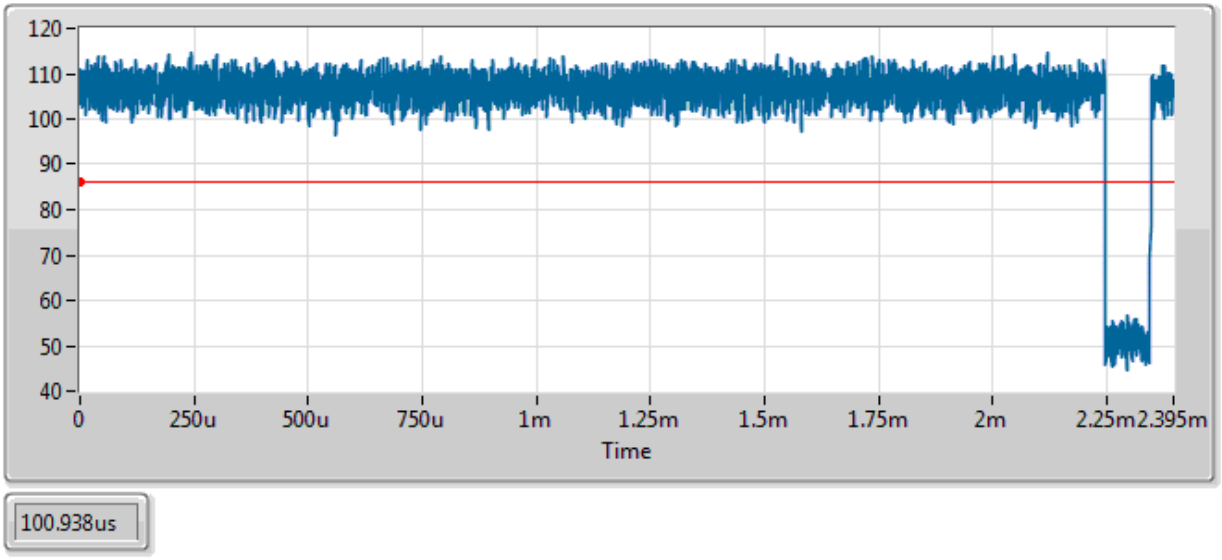
Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
5.19GHz	10MHz	10MHz	10ms	32001	312.5ns	9.589375ms	0.959

"T" On Time - DC;ax40,BF;BWch:40

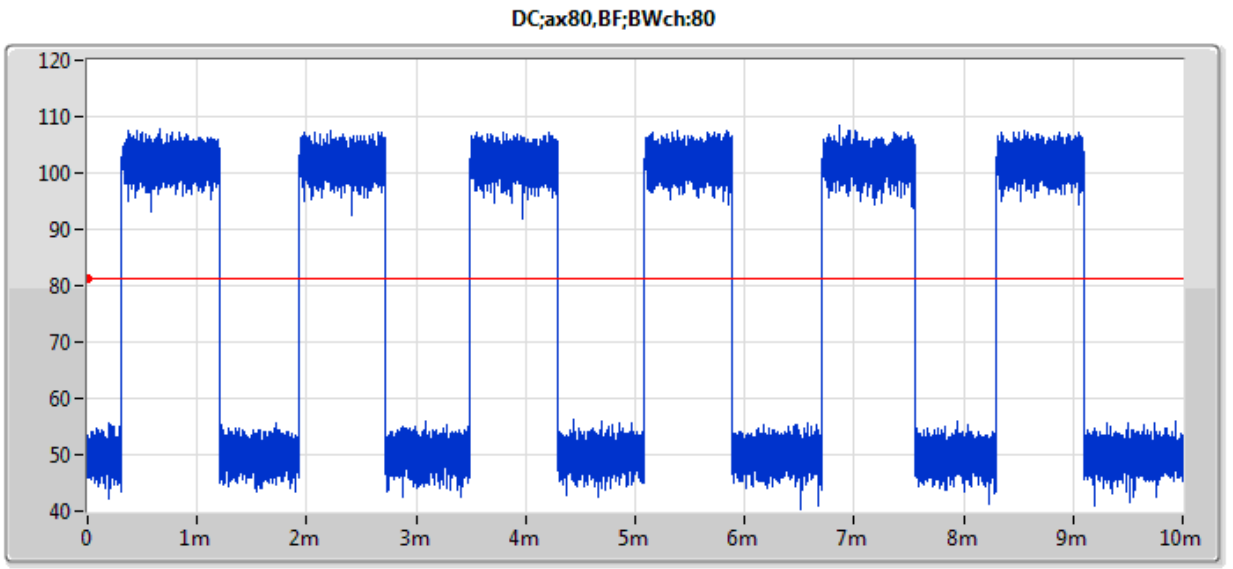


2.734ms

"Toff" Off Time DC;ax40,BF;BWch:40

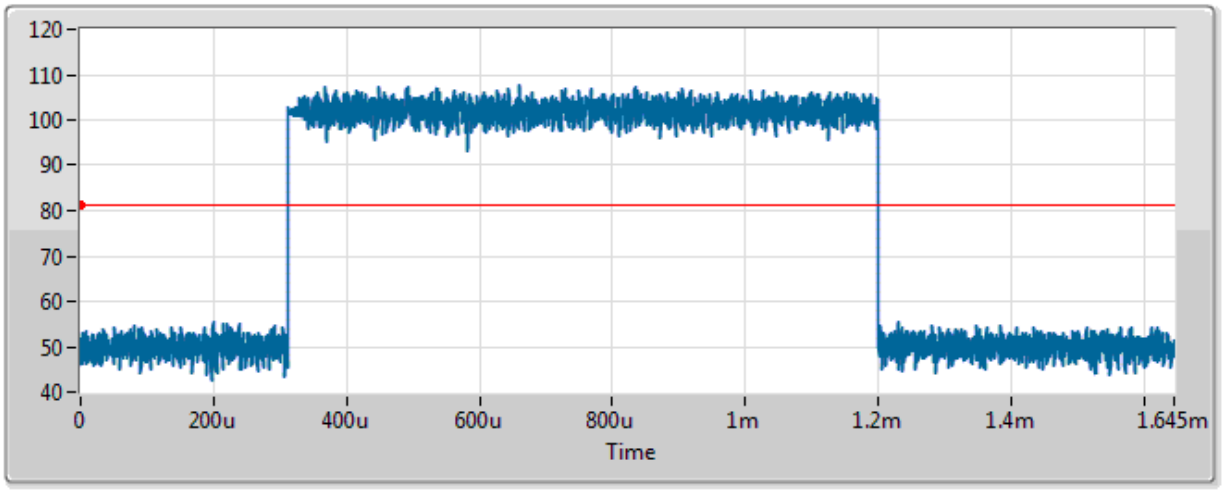


802.11ax HEW80

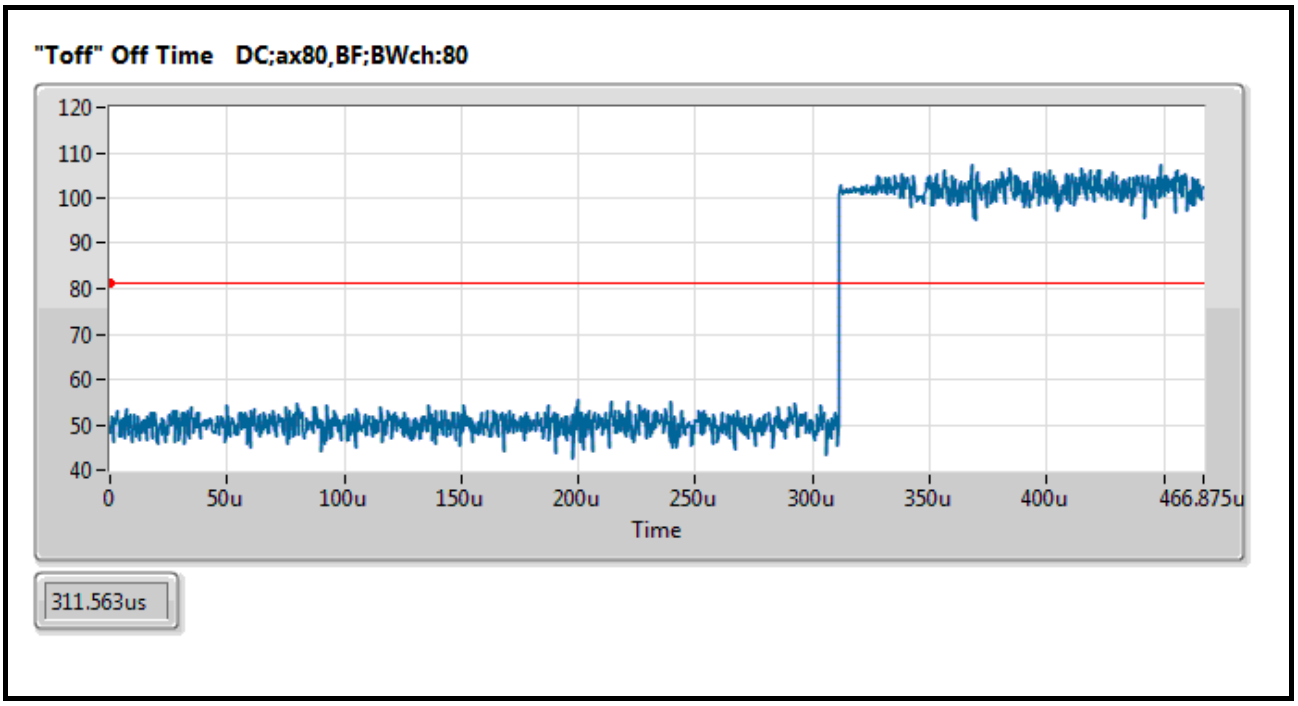


Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
5.21GHz	10MHz	10MHz	10ms	32001	312.5ns	4.940625ms	0.494

"T" On Time - DC;ax80,BF;BWch:80



889.063us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90
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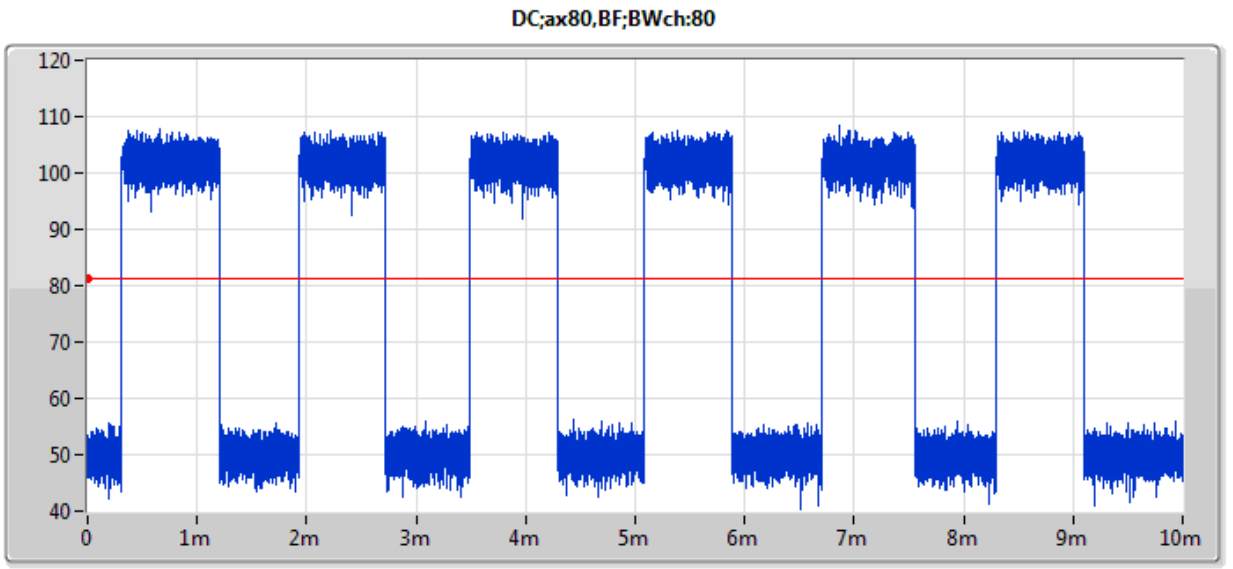
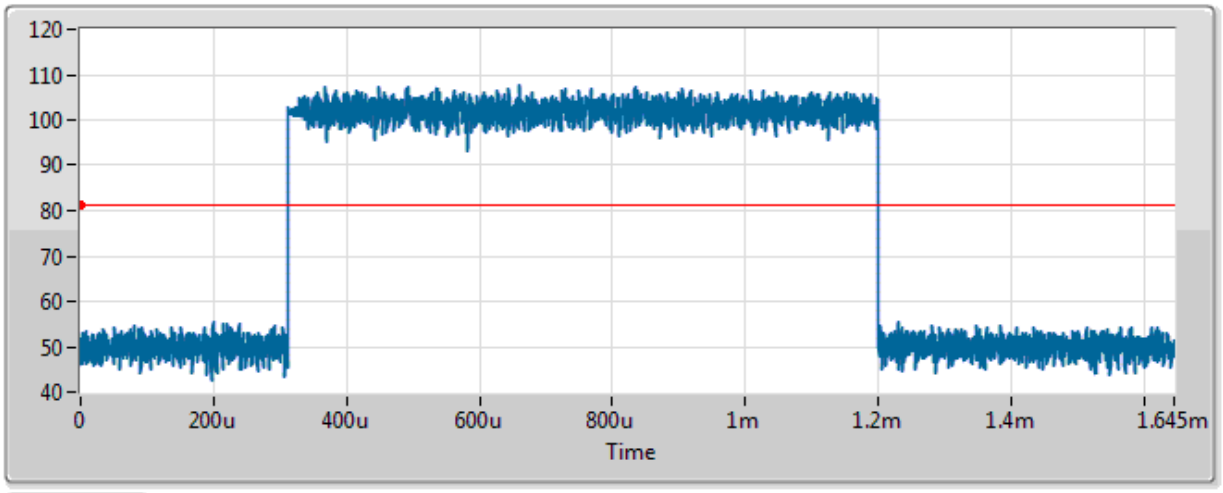
70
60
50
40
0
50u
100u
150u
200u
250u
300u
350u
400u
466.875u
Time
311.563us

802.11ax HEW80-BF

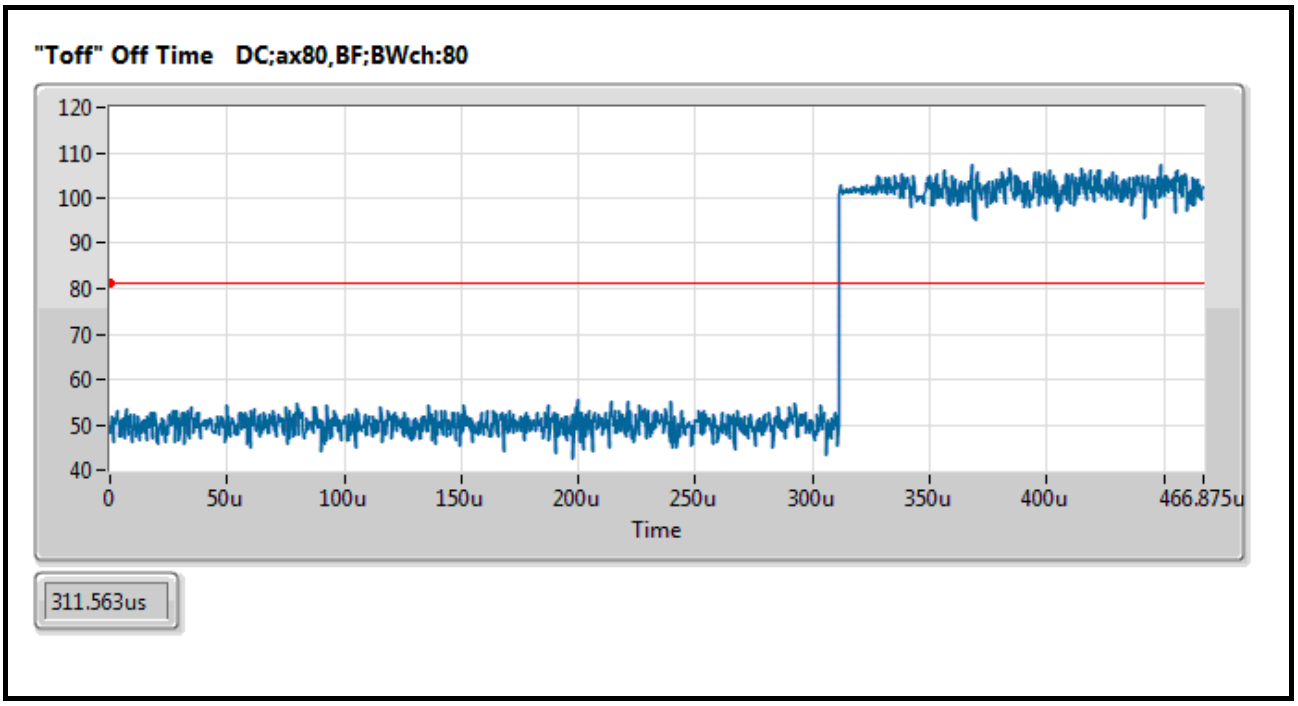


Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
5.21GHz	10MHz	10MHz	10ms	32001	312.5ns	4.940625ms	0.494

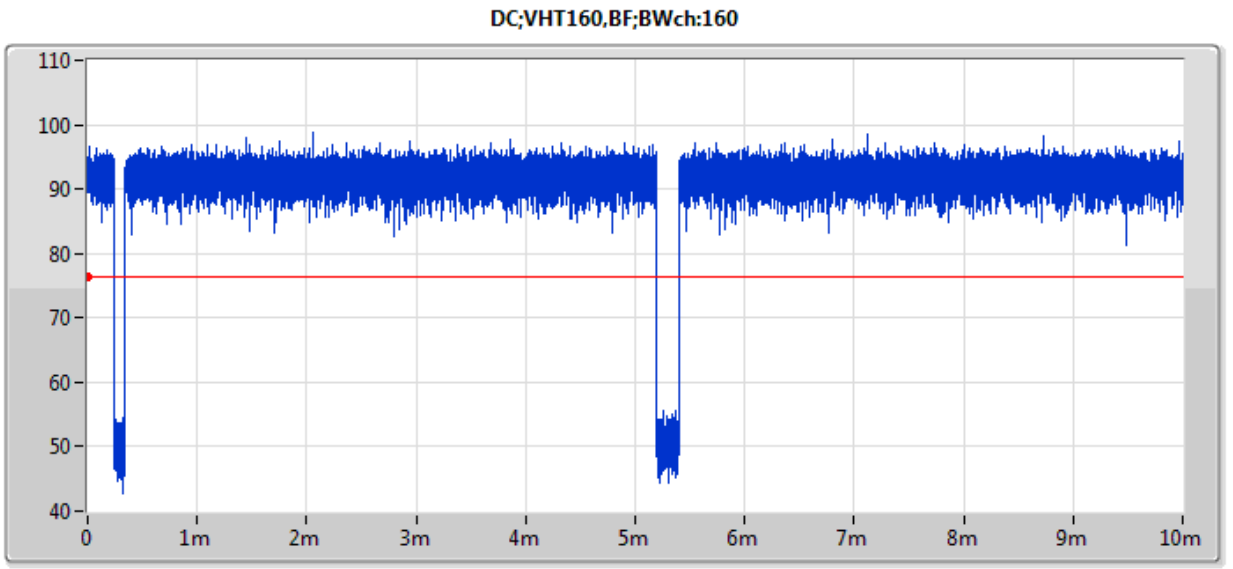
"T" On Time - DC;ax80,BF;BWch:80



889.063us

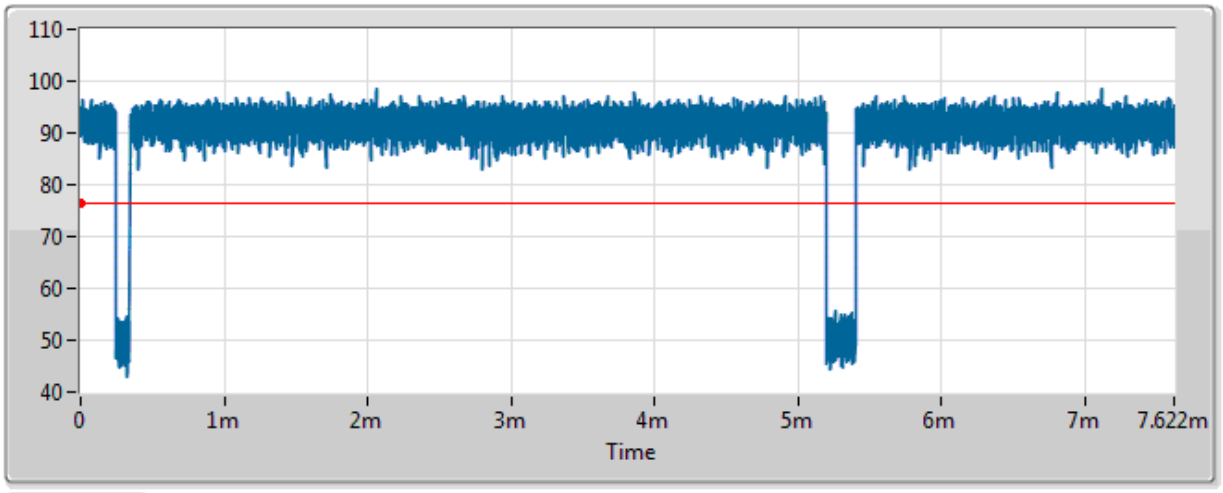

"Toff" Off Time DC;ax80,BF;BWch:80
120
110
100
90
80
70
60
50
40
0
50u
100u
150u
200u
250u
300u
350u
400u
466.875u
Time
311.563us

802.11ac VHT160

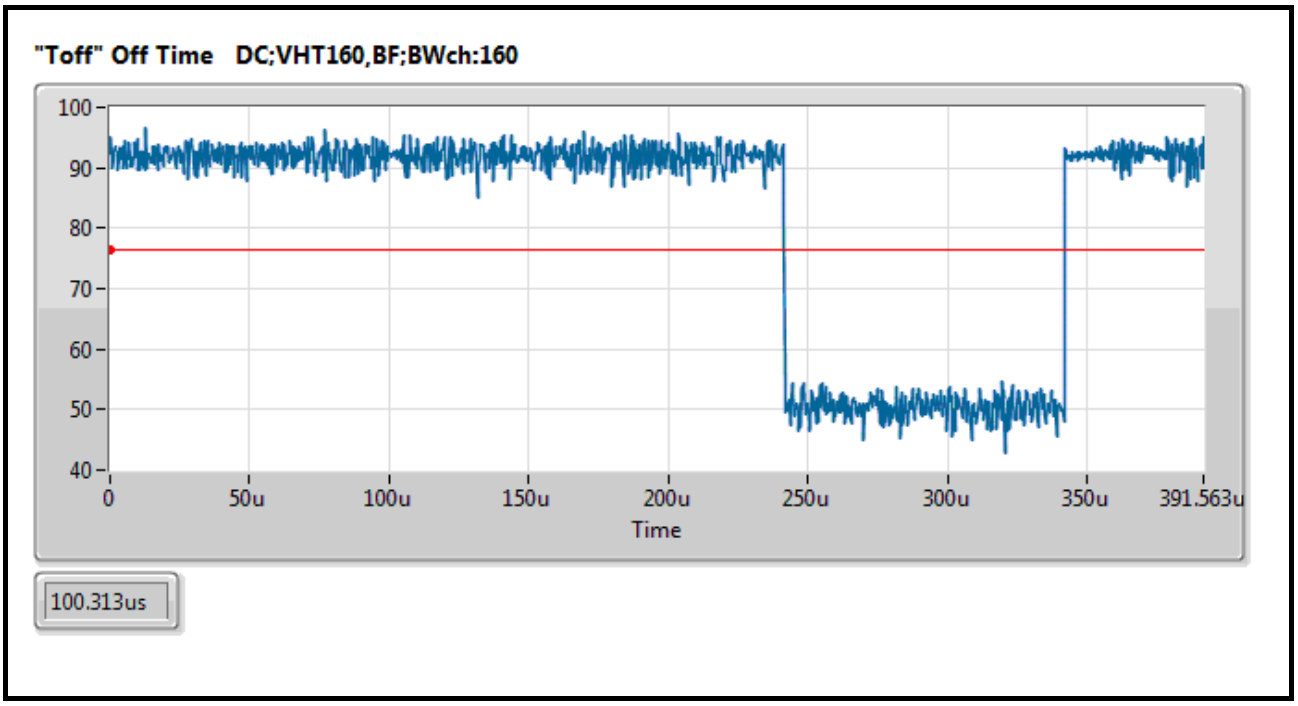


Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
5.57GHz	10MHz	10MHz	10ms	32001	312.5ns	9.694375ms	0.969

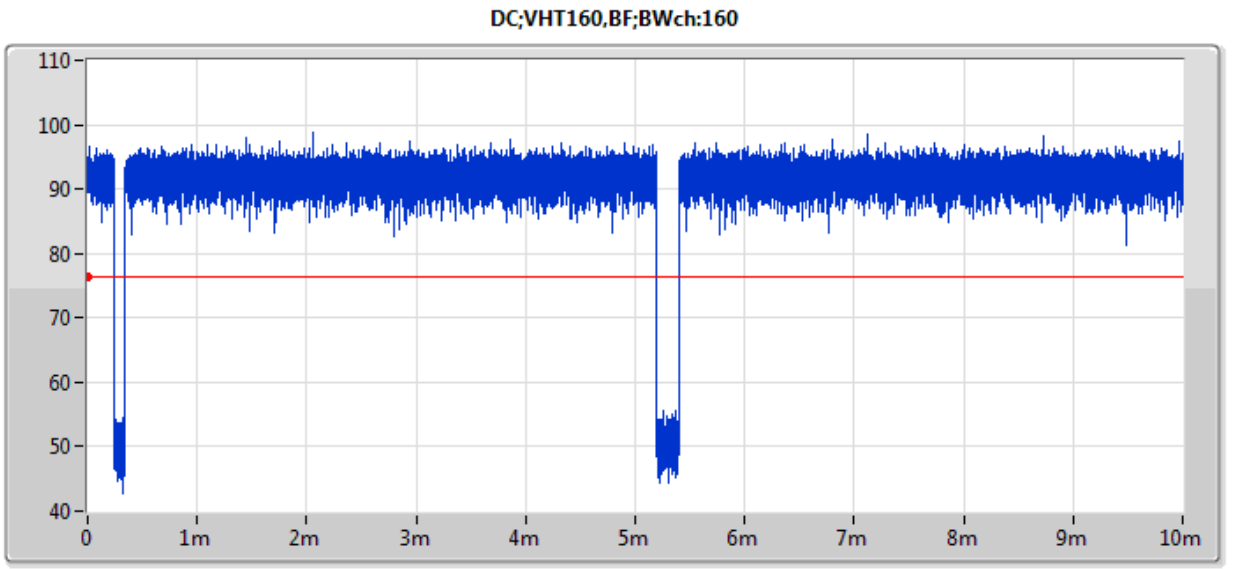
"T" On Time - DC;VHT160,BF;BWch:160



4.853ms

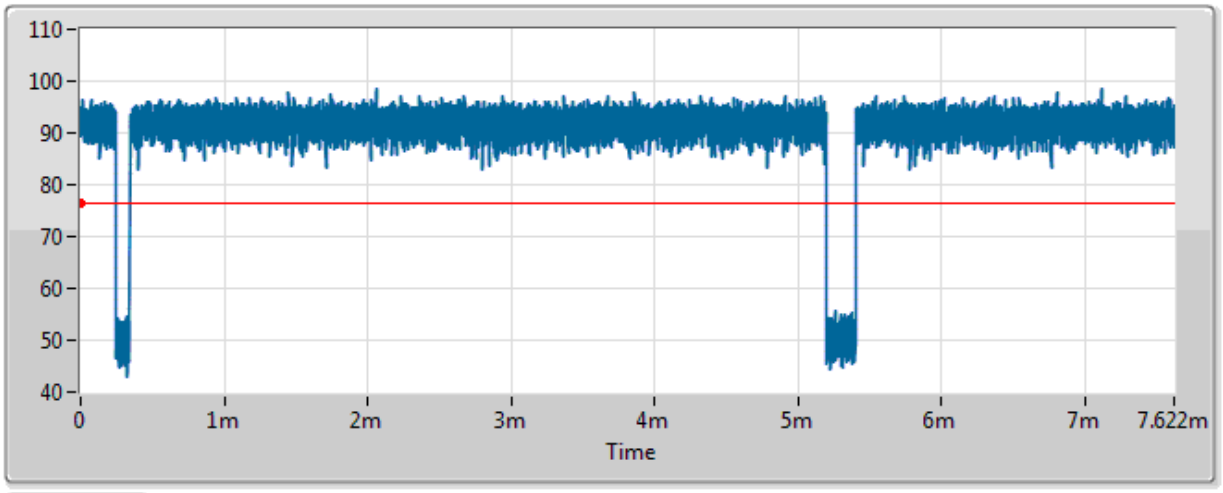

"Toff" Off Time DC;VHT160,BF;BWch:160
100
90
80
70
60
50
40
0
50u
100u
150u
200u
250u
300u
350u
391.563u
Time
100.313us

802.11ac VHT160-BF

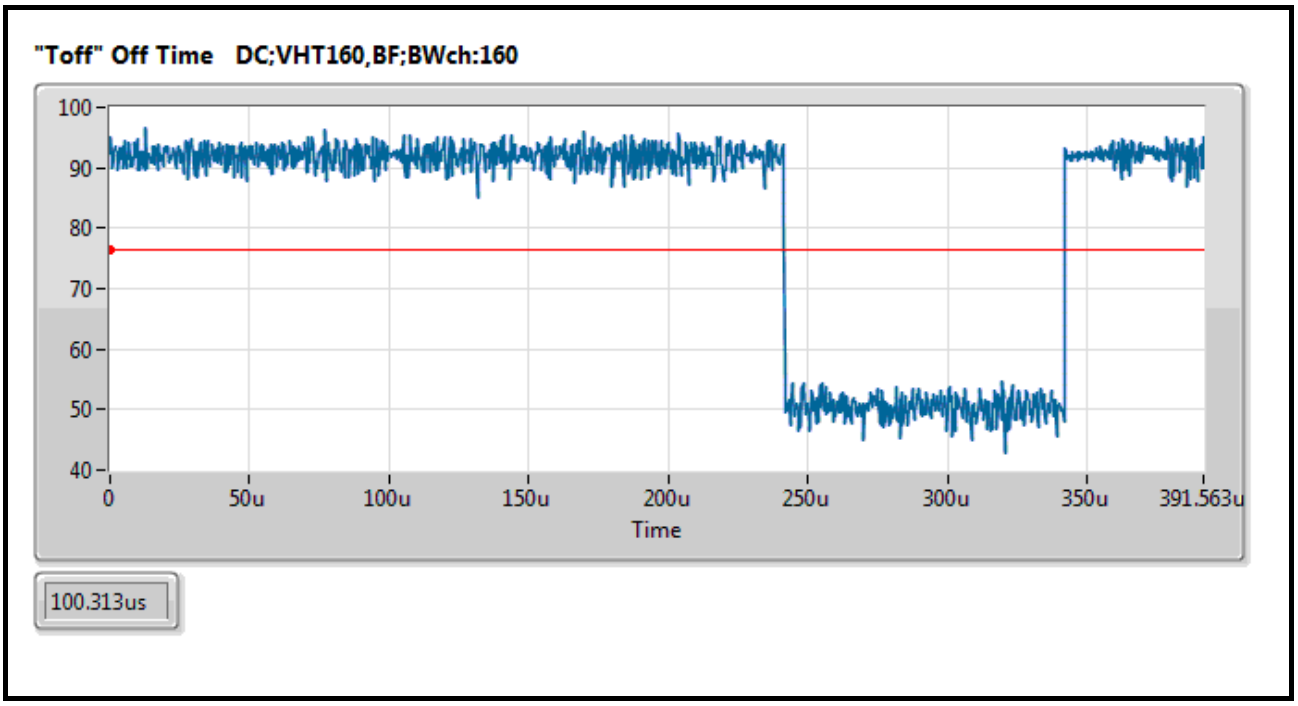


Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
5.57GHz	10MHz	10MHz	10ms	32001	312.5ns	9.694375ms	0.969

"T" On Time - DC;VHT160,BF;BWch:160



4.853ms


"Toff" Off Time DC;VHT160,BF;BWch:160
100
90
80
70
60
50
40
0
50u
100u
150u
200u
250u
300u
350u
391.563u
Time
100.313us

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/11ac/11ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	Telnet			
Firmware Number	v50.0.56.23			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Equipment Name	Brand Name	Model Name	Description
Starry Atlas WiFi 6 Router	Starry	S01011	There is nothing different for equipment, model and brand names, just for different marketing use.
Wireless AX 2.5G Ethernet Gateway	ZYXEL	EX5713-M0	

From the above models, model: S01011 was selected as representative model for the test and its data was recorded in this report.

1.1.6 Table for Product Information

CPU Model No.	RF Chip Model No.
88F7040	2.4GHz: QT6210X
	5GHz: QT7810X

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF.

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

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	TH03-CB	Benson Su	24.7~25.7°C / 55~58%	Aug. 26, 2020 ~ Sep. 03, 2020
Radiated (For below 1GHz)	03CH03-CB	Eason Chen	23.1~24.6°C / 53~56%	Sep. 14, 2020
Radiated (co-location)	03CH03-CB	Eason Chen	24.1~25.7°C / 55~57%	Sep. 01, 2020
Radiated (For above 1GHz)	03CH04-CB	Eason Chen	24.4~25.3°C / 53~57%	Aug. 24, 2020~Aug. 28, 2020
AC Conduction	CO01-CB	Max Lin	22~23°C / 56~57%	Sep. 11, 2020

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

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 (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.39%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_8TX	-
5180MHz	17.5
5200MHz	17.5
5240MHz	17.5
5260MHz	11
5300MHz	11
5320MHz	11.5
5500MHz	12
5580MHz	12
5700MHz	12
5720MHz Straddle 5.47-5.725GHz	12.5
5720MHz Straddle 5.725-5.85GHz	12.5
5745MHz	18
5785MHz	18.5
5825MHz	18.5
802.11ax HEW40_Nss1,(MCS0)_8TX	-
5190MHz	16.5
5230MHz	20
5270MHz	13
5310MHz	13
5510MHz	13.5
5550MHz	13.5
5670MHz	13.5
5710MHz Straddle 5.47-5.725GHz	14
5710MHz Straddle 5.725-5.85GHz	14
5755MHz	20
5795MHz	20
802.11ax HEW80_Nss1,(MCS0)_8TX	-
5210MHz	17.5
5290MHz	13.5
5530MHz	13.5
5610MHz	13.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
5775MHz	20
802.11ac VHT160_Nss1,(MCS0)_8TX	-

Mode	Power Setting
5250MHz Straddle 5.15-5.25GHz	15.5
5250MHz Straddle 5.25-5.35GHz	15.5
5570MHz	13.5

Mode	Power Setting
802.11a_Nss1,(6Mbps)_8TX	-
5180MHz	17
5200MHz	17
5240MHz	17
5260MHz	10.5
5300MHz	10.5
5320MHz	11
5500MHz	11.5
5580MHz	12
5700MHz	12
5720MHz Straddle 5.47-5.725GHz	12
5720MHz Straddle 5.725-5.85GHz	12
5745MHz	18.5
5785MHz	19
5825MHz	19
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-
5180MHz	17.5
5200MHz	17.5
5240MHz	17.5
5260MHz	11
5300MHz	11
5320MHz	11.5
5500MHz	12
5580MHz	12
5700MHz	12
5720MHz Straddle 5.47-5.725GHz	12.5
5720MHz Straddle 5.725-5.85GHz	12.5
5745MHz	18
5785MHz	18.5
5825MHz	18.5
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-
5190MHz	16.5
5230MHz	17.5
5270MHz	11.5
5310MHz	11.5

Mode	Power Setting
5510MHz	12.5
5550MHz	12.5
5670MHz	12.5
5710MHz Straddle 5.47-5.725GHz	13
5710MHz Straddle 5.725-5.85GHz	13
5755MHz	18
5795MHz	19
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-
5210MHz	17.5
5290MHz	11.5
5530MHz	12.5
5610MHz	12.5
5690MHz Straddle 5.47-5.725GHz	15.5
5690MHz Straddle 5.725-5.85GHz	15.5
5775MHz	18.5
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	-
5250MHz Straddle 5.15-5.25GHz	13.5
5250MHz Straddle 5.25-5.35GHz	13.5
5570MHz	12.5

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- There are two modes of EUT for 802.11n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode. The beamforming mode all test items are evaluated in the report.
  The non-beamforming mode only evaluates the output power/PSD.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	EUT_5GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	EUT_5GHz
Operating Mode > 1GHz	CTX
1	EUT

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA072421 for Co-location RF Exposure Evaluation.	

Note: The EUT can only use Y axis position.

2.3 EUT Operation during Test

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	APD	WA-65B19R	INPUT: 100-240V, 50-60Hz, 1.5A Max. OUTPUT: 19V, 3.43A
Others			
Plug*1			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A

For Radiated and RF Conducted
For non-beamforming mode:

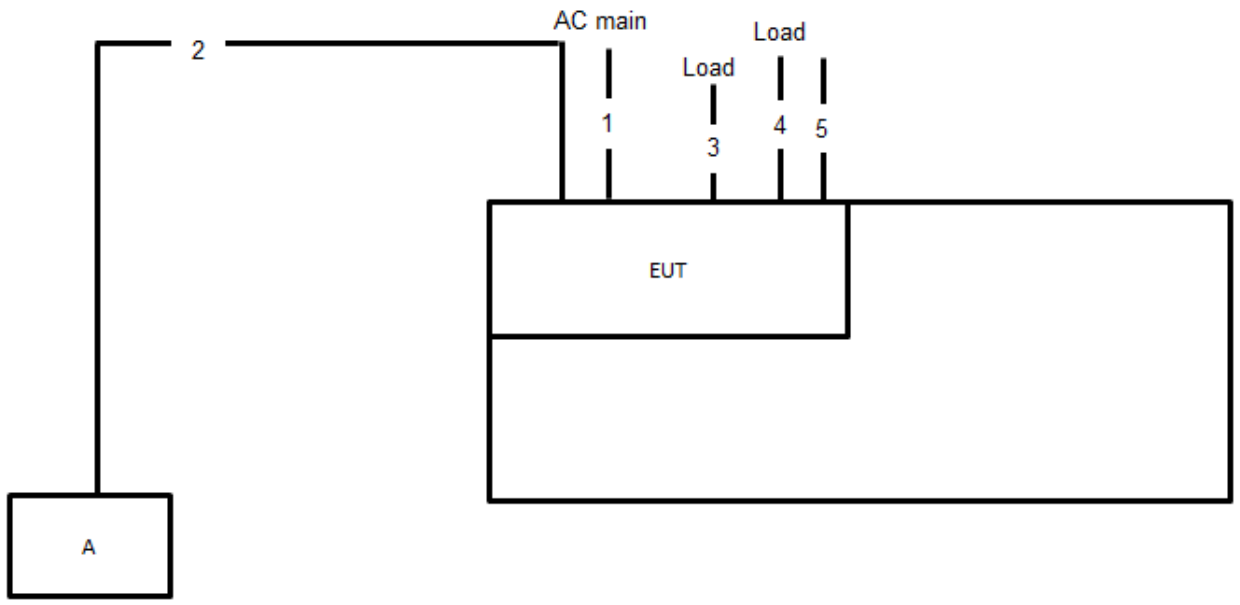
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For beamforming mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	RX Device	ZYXEL	EX5713-M0	N/A

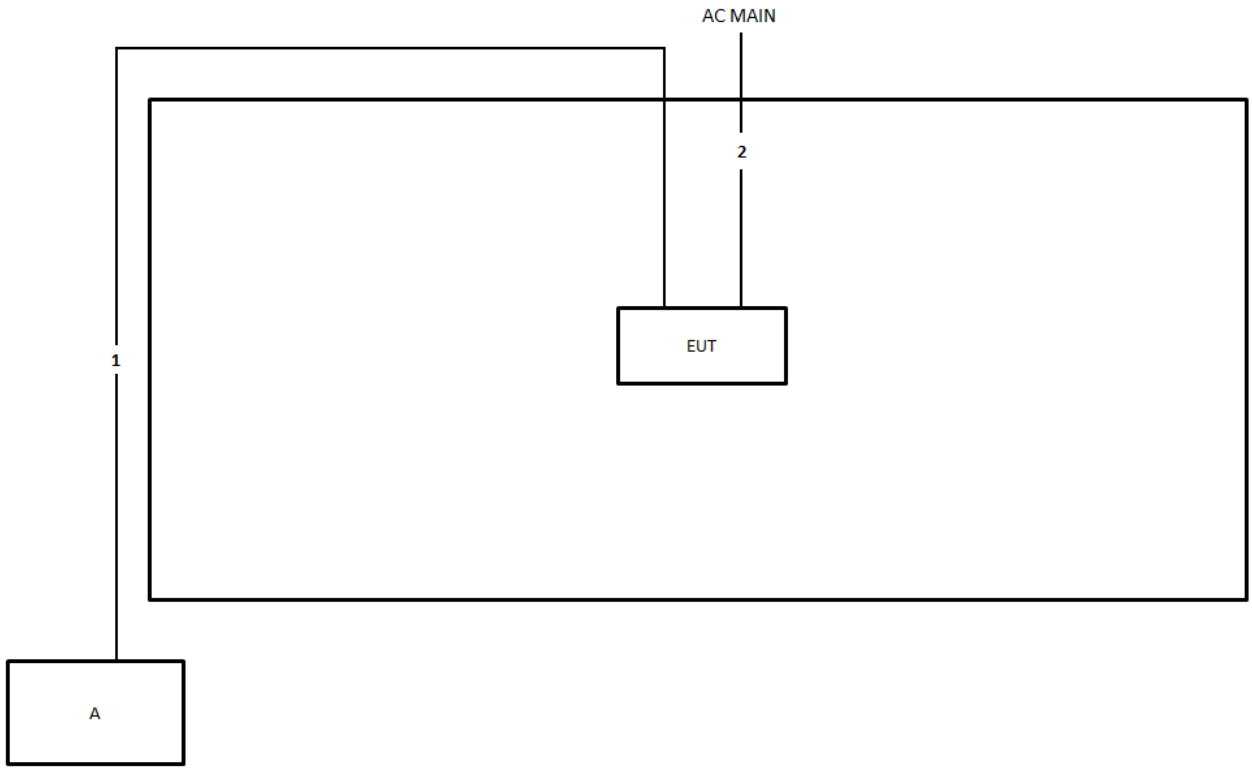
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



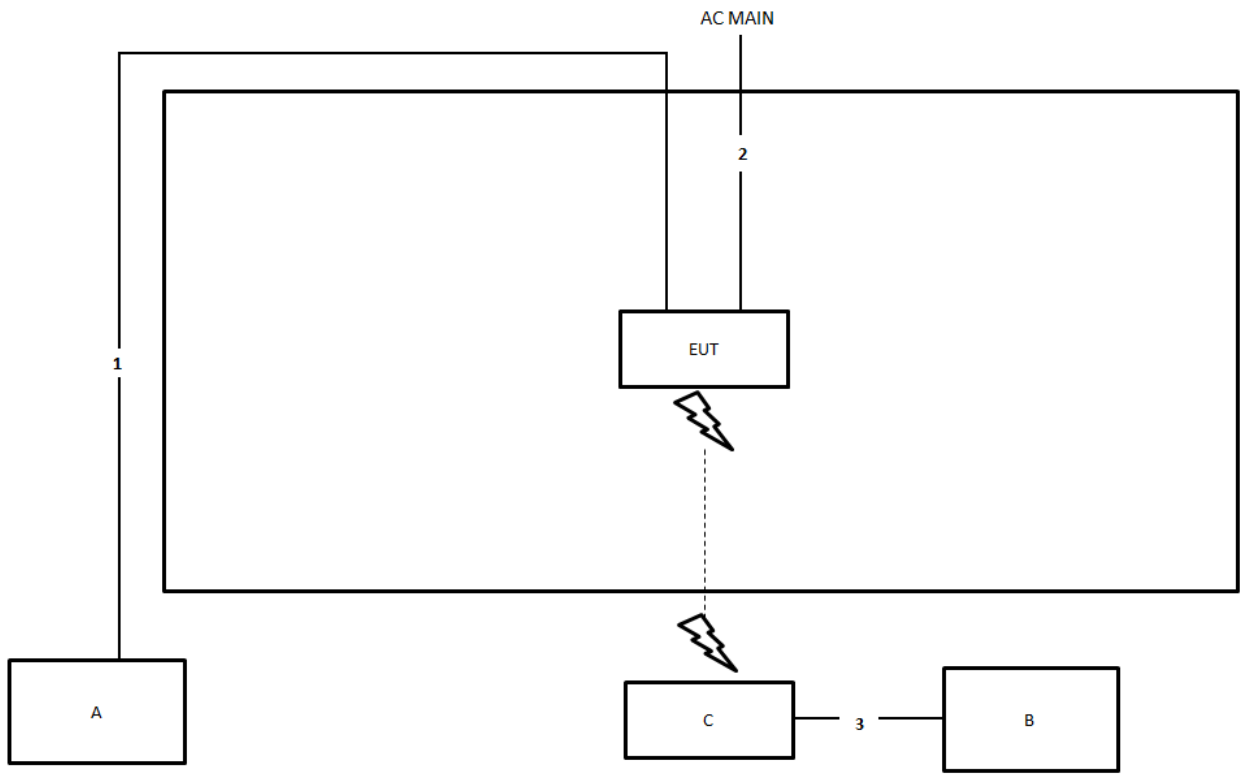
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable*4	No	1.5m
4	RJ-11 cable	No	1.5m
5	Coaxial cable	Yes	1.5m

Test Setup Diagram - Radiated Test < 1GHz and Radiated Test > 1GHz for non beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz for beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m
3	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

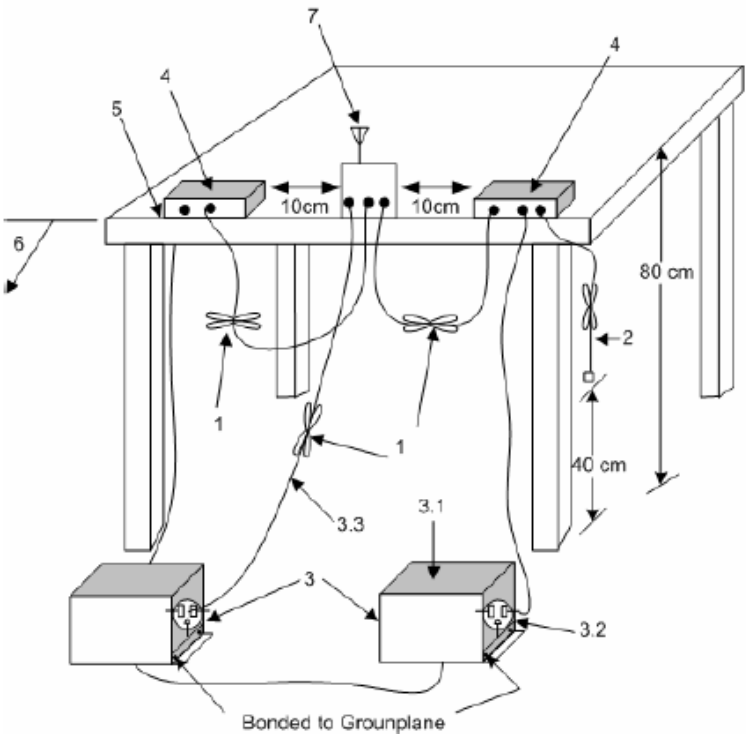
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

3.2.2 Measuring Instruments

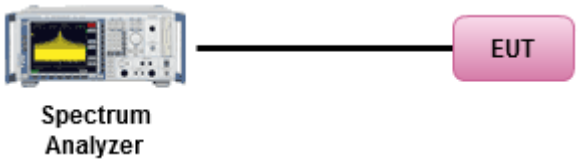
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

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

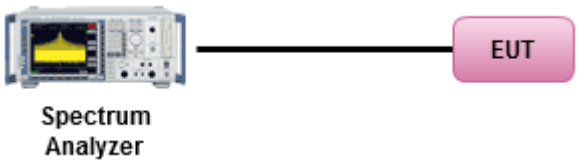
3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

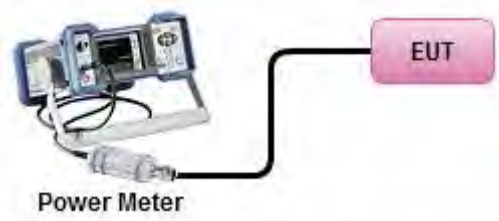
For straddle channel

RF Output Power (Spectrum Analyzer)



For other channels

RF Output Power (Power Meter)



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

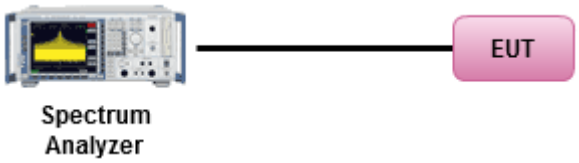
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method			
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:			
	☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth		
	[duty cycle ≥ 98% or external video / power trigger]		
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).		
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)		
	duty cycle < 98% and average over on/off periods with duty factor		
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).		
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)		
▪ For conducted measurement.			
	▪ If the EUT supports multiple transmit chains using options given below:		
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,	
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.	
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup

Power Spectral Density



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of

linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Measuring Instruments

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

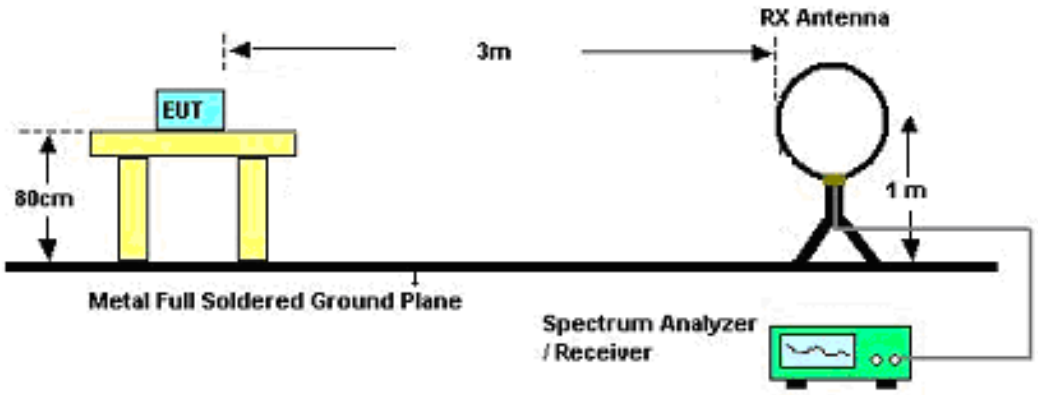
3.5.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

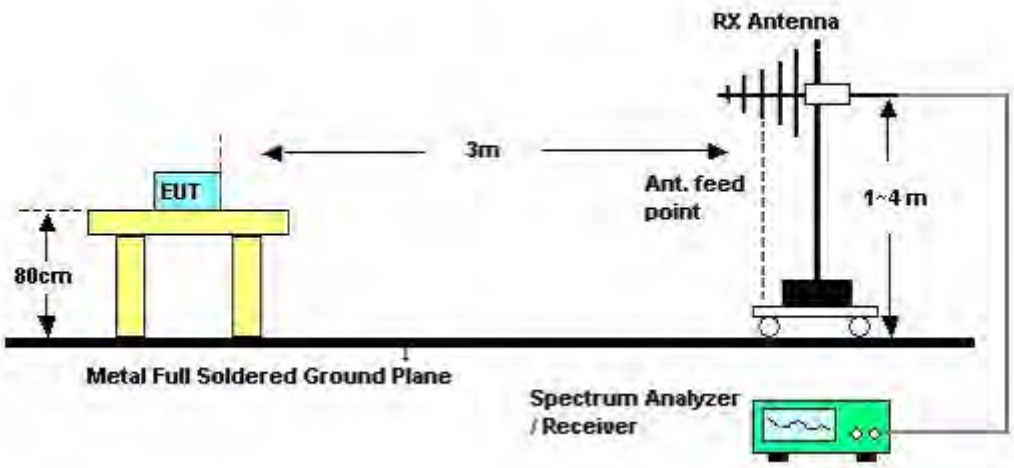
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

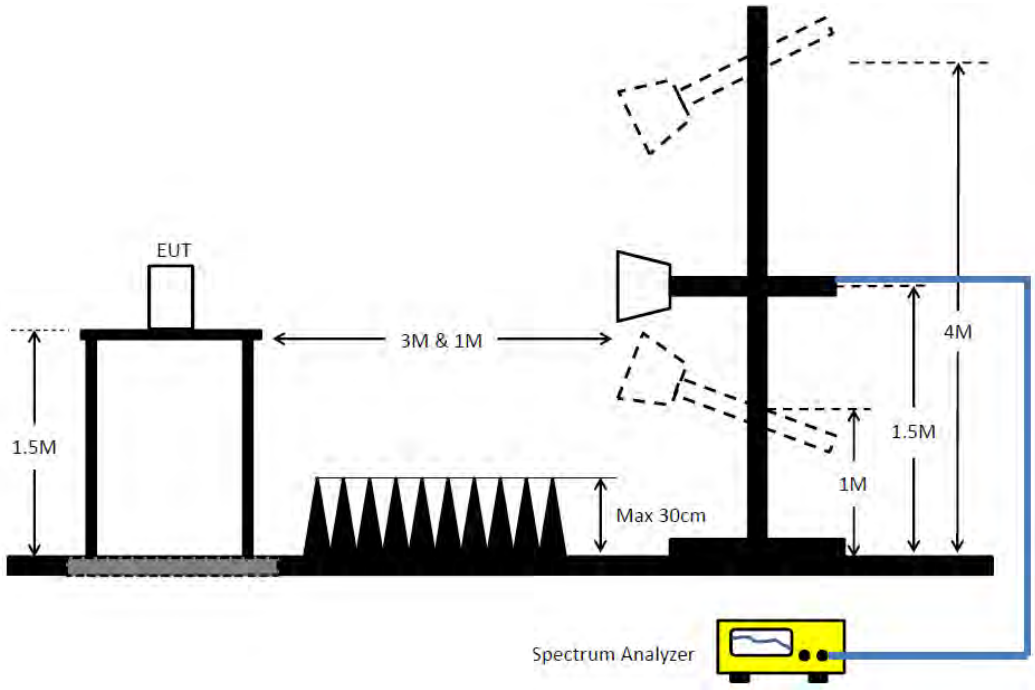
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner	CBL6112B & N-6-06	2928 & AT-N0607	20MHz ~ 2GHz	Feb. 28, 2020	Feb. 27, 2021	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 20, 2020	Jan. 19, 2021	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 15, 2020	Jan. 14, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	25MHz ~ 1GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+27 (spare)	25MHz ~ 1GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 14, 2020	Jul. 13, 2021	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Jul. 07, 2020	Jul. 06, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Aug. 04, 2020	Aug. 03, 2021	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Aug. 04, 2020	Aug. 03, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

Note: Calibration Interval of instruments listed above is one year.

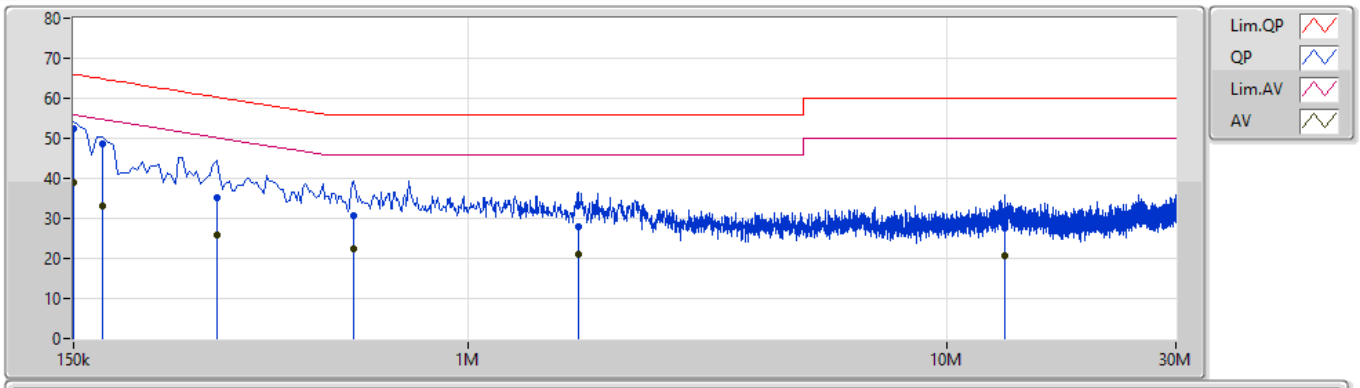
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	52.51	66.00	-13.49	Line

Mode 1

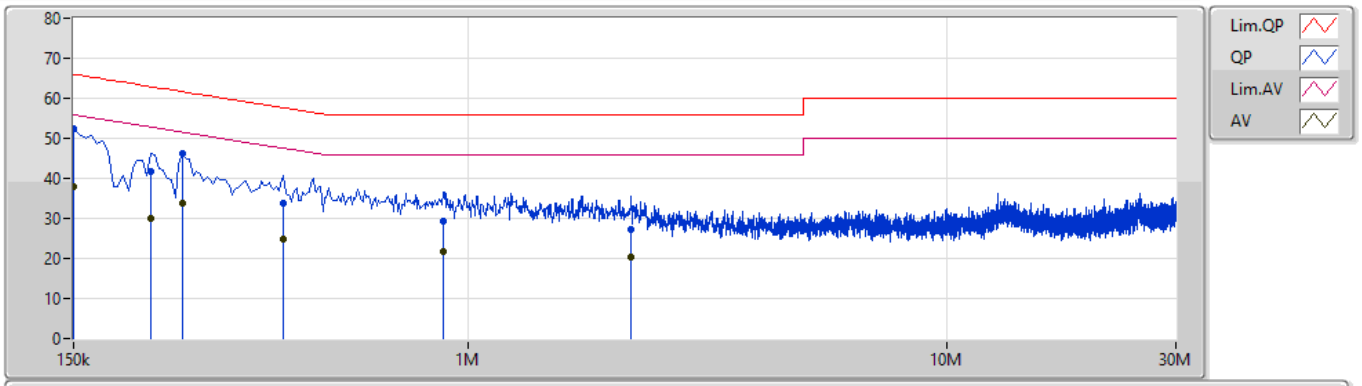
11/09/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	52.51	66.00	-13.49	9.87	Line	"Worst"	42.64	0.05	0.03	9.79
AV	150k	38.96	56.00	-17.04	9.87	Line	-	29.09	0.05	0.03	9.79
QP	172.5k	48.47	64.83	-16.36	9.87	Line	-	38.60	0.05	0.03	9.79
AV	172.5k	32.99	54.83	-21.84	9.87	Line	-	23.12	0.05	0.03	9.79
QP	298.5k	35.09	60.28	-25.19	9.87	Line	-	25.22	0.04	0.03	9.80
AV	298.5k	25.73	50.28	-24.55	9.87	Line	-	15.86	0.04	0.03	9.80
QP	577.5k	30.55	56.00	-25.45	9.88	Line	-	20.67	0.04	0.03	9.81
AV	577.5k	22.28	46.00	-23.72	9.88	Line	-	12.40	0.04	0.03	9.81
QP	1.694M	28.04	56.00	-27.96	9.95	Line	-	18.09	0.06	0.06	9.83
AV	1.694M	21.13	46.00	-24.87	9.95	Line	-	11.18	0.06	0.06	9.83
QP	13.178M	27.63	60.00	-32.37	10.32	Line	-	17.31	0.20	0.20	9.92
AV	13.178M	20.69	50.00	-29.31	10.32	Line	-	10.37	0.20	0.20	9.92

Mode 1

11/09/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	52.36	66.00	-13.64	9.86	Neutral	"Worst"	42.50	0.04	0.03	9.79
AV	150k	38.10	56.00	-17.90	9.86	Neutral	-	28.24	0.04	0.03	9.79
QP	217.5k	41.66	62.92	-21.26	9.86	Neutral	-	31.80	0.04	0.03	9.79
AV	217.5k	30.00	52.92	-22.92	9.86	Neutral	-	20.14	0.04	0.03	9.79
QP	253.5k	46.37	61.64	-15.27	9.87	Neutral	-	36.50	0.04	0.03	9.80
AV	253.5k	33.80	51.64	-17.84	9.87	Neutral	-	23.93	0.04	0.03	9.80
QP	411k	33.80	57.63	-23.83	9.88	Neutral	-	23.92	0.04	0.03	9.81
AV	411k	24.95	47.63	-22.68	9.88	Neutral	-	15.07	0.04	0.03	9.81
QP	888k	29.33	56.00	-26.67	9.92	Neutral	-	19.41	0.06	0.04	9.82
AV	888k	21.80	46.00	-24.20	9.92	Neutral	-	11.88	0.06	0.04	9.82
QP	2.189M	27.20	56.00	-28.80	9.98	Neutral	-	17.22	0.07	0.08	9.83
AV	2.189M	20.46	46.00	-25.54	9.98	Neutral	-	10.48	0.07	0.08	9.83

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	24.57M	16.696M	16M7D1D	22.5M	16.576M
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	24.81M	19.046M	19M0D1D	22.98M	18.975M
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	43.56M	37.901M	37M9D1D	41.76M	37.709M
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	82.92M	77.337M	77M3D1D	80.88M	76.858M
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	83.64M	76.282M	76M3D1D	82.92M	75.922M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	24.72M	16.696M	16M7D1D	22.53M	16.552M
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	24.33M	19.07M	19M1D1D	23.19M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	43.44M	37.901M	37M9D1D	41.4M	37.709M
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	83.52M	77.241M	77M2D1D	80.64M	76.954M
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	84M	76.402M	76M4D1D	82.32M	76.162M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	24.09M	16.72M	16M7D1D	15.826M	13.345M
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	24.18M	19.022M	19M0D1D	16.308M	14.499M
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	43.98M	37.901M	37M9D1D	36.248M	33.801M
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	83.16M	77.241M	77M2D1D	75.151M	72.976M
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	168.24M	155.826M	156MD1D	162M	154.099M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	16.41M	16.744M	16M7D1D	3.105M	4.018M
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	19.14M	19.046M	19M0D1D	4.47M	4.468M
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	38.16M	37.901M	37M9D1D	3.96M	4.003M
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	77.16M	77.145M	77M1D1D	3.735M	4.003M

Max-N dB = Maximum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Min-OBW** = Minimum 99% occupied bandwidth;

Result

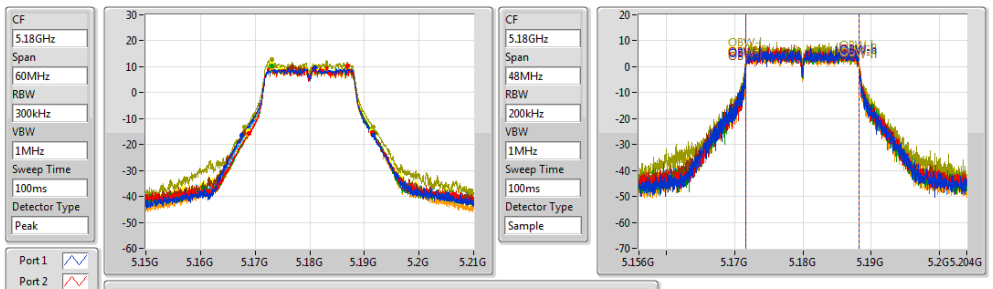
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.97M	16.672M	22.5M	16.624M	22.77M	16.6M	22.8M	16.624M	23.88M	16.648M	23.55M	16.672M	23.4M	16.624M	22.62M	16.624M
5200MHz	Pass	Inf	22.98M	16.6M	23.07M	16.624M	23.4M	16.6M	23.61M	16.6M	22.83M	16.576M	24.12M	16.696M	23.25M	16.624M	23.1M	16.648M
5240MHz	Pass	Inf	24.57M	16.648M	22.65M	16.648M	23.46M	16.648M	23.58M	16.648M	24.24M	16.6M	24.09M	16.696M	24.12M	16.6M	23.31M	16.696M
5260MHz	Pass	Inf	23.88M	16.672M	24.09M	16.672M	23.73M	16.624M	23.64M	16.648M	23.73M	16.624M	23.67M	16.672M	23.49M	16.576M	23.73M	16.624M
5300MHz	Pass	Inf	23.88M	16.624M	22.53M	16.648M	23.04M	16.624M	23.37M	16.624M	23.67M	16.6M	23.88M	16.648M	23.04M	16.552M	22.92M	16.672M
5320MHz	Pass	Inf	24.72M	16.696M	22.83M	16.648M	23.52M	16.696M	23.49M	16.624M	24.3M	16.648M	22.92M	16.648M	23.04M	16.624M	22.59M	16.672M
5500MHz	Pass	Inf	23.4M	16.624M	23.43M	16.672M	23.19M	16.648M	23.46M	16.576M	22.38M	16.504M	23.22M	16.576M	22.77M	16.624M	23.79M	16.624M
5580MHz	Pass	Inf	23.67M	16.6M	23.55M	16.624M	24.09M	16.72M	24.06M	16.648M	23.61M	16.576M	23.76M	16.6M	23.91M	16.648M	23.16M	16.696M
5700MHz	Pass	Inf	23.82M	16.552M	23.34M	16.624M	22.53M	16.648M	23.16M	16.624M	23.85M	16.624M	23.61M	16.624M	23.82M	16.672M	23.82M	16.648M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.583M	13.427M	16.06M	13.345M	15.826M	13.345M	16.074M	13.345M	16.376M	13.4M	15.978M	13.358M	16.253M	13.468M	16.06M	13.4M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.018M	3.12M	4.138M	3.105M	4.198M	3.12M	4.303M	3.12M	4.018M	3.12M	4.288M	3.105M	4.063M	3.12M	4.108M
5745MHz	Pass	500k	16.32M	16.528M	16.38M	16.648M	16.32M	16.648M	16.38M	16.624M	16.35M	16.6M	16.38M	16.6M	16.41M	16.648M	16.38M	16.648M
5785MHz	Pass	500k	16.32M	16.648M	16.35M	16.696M	16.35M	16.672M	16.35M	16.672M	16.32M	16.672M	16.35M	16.72M	16.35M	16.744M	16.32M	16.696M
5825MHz	Pass	500k	16.32M	16.672M	16.35M	16.624M	16.35M	16.648M	16.35M	16.696M	16.35M	16.624M	16.38M	16.672M	16.38M	16.696M	16.35M	16.624M
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.82M	19.046M	23.7M	18.975M	23.91M	19.022M	23.85M	18.999M	24.03M	19.046M	23.76M	18.999M	24.33M	19.022M	23.85M	19.022M
5200MHz	Pass	Inf	22.98M	18.999M	22.98M	18.975M	23.28M	18.999M	23.34M	18.999M	23.94M	18.975M	23.22M	18.975M	23.85M	18.999M	23.7M	19.022M
5240MHz	Pass	Inf	23.34M	18.975M	23.67M	19.046M	23.82M	18.999M	23.73M	18.999M	24.18M	18.999M	23.79M	19.022M	23.58M	19.022M	24.81M	19.046M
5260MHz	Pass	Inf	23.46M	18.999M	23.64M	18.999M	24.33M	18.999M	24.09M	19.022M	23.97M	19.046M	23.88M	18.999M	23.79M	19.046M	24.09M	19.046M
5300MHz	Pass	Inf	23.19M	19.022M	23.4M	18.975M	23.55M	19.022M	23.31M	18.999M	23.88M	18.999M	23.31M	18.951M	23.7M	18.999M	24M	18.999M
5320MHz	Pass	Inf	23.79M	18.999M	24.18M	18.999M	23.28M	18.975M	23.7M	19.022M	23.91M	19.022M	23.49M	18.975M	23.79M	18.999M	23.43M	19.07M
5500MHz	Pass	Inf	23.55M	18.975M	23.85M	19.022M	23.85M	18.999M	24.03M	18.999M	24.12M	18.999M	23.94M	18.975M	24M	18.975M	23.91M	18.975M
5580MHz	Pass	Inf	23.79M	18.999M	23.73M	19.022M	23.88M	18.975M	23.82M	18.999M	23.49M	19.022M	24.06M	19.022M	23.88M	18.999M	24.18M	18.999M
5700MHz	Pass	Inf	23.19M	19.022M	23.91M	18.999M	24.15M	18.999M	22.98M	18.975M	24.18M	18.975M	23.67M	18.951M	23.82M	19.022M	23.94M	18.999M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.308M	14.568M	16.734M	14.54M	16.583M	14.513M	16.596M	14.54M	16.473M	14.513M	16.569M	14.526M	16.514M	14.526M	16.803M	14.499M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.485M	4.483M	4.5M	4.468M	4.5M	4.483M	4.47M	4.483M	4.485M	4.483M	4.47M	4.483M	4.515M	4.483M	4.53M	4.483M
5745MHz	Pass	500k	19.08M	18.999M	19.14M	18.999M	19.08M	18.951M	19.08M	19.022M	19.11M	19.022M	19.08M	18.975M	19.05M	19.046M	19.11M	19.022M
5785MHz	Pass	500k	19.08M	19.022M	19.08M	19.022M	19.11M	18.999M	18.99M	18.975M	19.11M	18.999M	19.05M	18.999M	19.11M	19.022M	19.14M	18.999M
5825MHz	Pass	500k	19.02M	18.999M	19.11M	18.951M	19.05M	18.999M	19.11M	18.999M	19.08M	18.975M	19.05M	18.999M	19.08M	19.022M	19.11M	19.022M
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	42.06M	37.853M	43.02M	37.709M	42.72M	37.901M	42.78M	37.805M	41.76M	37.901M	43.08M	37.853M	43.32M	37.757M	41.94M	37.805M
5230MHz	Pass	Inf	42.24M	37.853M	43.56M	37.757M	42.54M	37.757M	41.88M	37.709M	42M	37.901M	43.26M	37.853M	43.02M	37.757M	42.06M	37.757M
5270MHz	Pass	Inf	42.36M	37.709M	42.24M	37.853M	43.08M	37.853M	42.3M	37.805M	42.48M	37.709M	43.44M	37.757M	42.54M	37.757M	42.18M	37.805M
5310MHz	Pass	Inf	41.82M	37.901M	43.44M	37.853M	41.88M	37.709M	42.96M	37.757M	43.38M	37.805M	41.4M	37.853M	42.12M	37.901M	42.12M	37.757M
5510MHz	Pass	Inf	42.12M	37.805M	42.36M	37.709M	42.72M	37.709M	42.66M	37.901M	41.64M	37.757M	42.42M	37.901M	43.26M	37.805M	42.66M	37.853M
5550MHz	Pass	Inf	43.02M	37.757M	43.26M	37.805M	42.3M	37.805M	42.96M	37.805M	42.84M	37.757M	43.98M	37.853M	42.06M	37.757M	42.36M	37.901M
5670MHz	Pass	Inf	42.42M	37.757M	42.12M	37.757M	42.72M	37.805M	42M	37.805M	42.6M	37.901M	42.84M	37.805M	42.9M	37.853M	42.36M	37.805M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.315M	33.902M	36.416M	33.801M	36.281M	33.801M	37.125M	33.801M	36.248M	33.834M	36.416M	33.902M	36.551M	33.801M	36.72M	33.834M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.018M	4.005M	4.018M	4.02M	4.003M	4.005M	4.018M	4.02M	4.003M	3.96M	4.033M	4.005M	4.018M	4.005M	4.018M
5755MHz	Pass	500k	37.92M	37.757M	37.98M	37.757M	38.16M	37.757M	38.04M	37.757M	38.1M	37.853M	37.92M	37.853M	38.1M	37.901M	38.1M	37.853M
5795MHz	Pass	500k	37.44M	37.757M	38.1M	37.853M	38.04M	37.853M	37.32M	37.661M	38.1M	37.853M	37.8M	37.853M	37.92M	37.901M	38.16M	37.709M
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.92M	76.858M	82.44M	77.145M	82.56M	77.049M	81.84M	77.145M	82.08M	77.145M	80.88M	77.145M	82.32M	77.337M	82.92M	77.241M
5290MHz	Pass	Inf	83.52M	76.954M	82.92M	77.241M	83.04M	76.954M	80.64M	77.145M	80.88M	76.954M	83.4M	77.049M	81.12M	77.241M	80.76M	77.049M
5530MHz	Pass	Inf	82.32M	77.145M	80.52M	77.049M	80.52M	77.145M	80.28M	77.049M	82.8M	77.049M	80.52M	77.049M	80.88M	77.241M	83.16M	77.049M
5610MHz	Pass	Inf	83.16M	77.049M	80.52M	76.858M	81.12M	76.762M	80.28M	77.049M	80.64M	77.145M	80.4M	77.049M	80.88M	76.954M	80.4M	76.954M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.373M	73.271M	77.069M	73.197M	77.069M	73.271M	75.151M	73.05M	75.225M	73.05M	75.963M	73.271M	75.963M	72.976M	75.963M	73.123M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.915M	4.033M	3.915M	4.033M	3.735M	4.003M	3.93M	4.003M	3.93M	4.003M	3.9M	4.018M	4.005M	4.003M	3.9M	4.018M
5775MHz	Pass	500k	75.96M	77.049M	76.68M	77.145M	77.04M	77.049M	77.16M	77.049M	66.24M	77.049M	77.04M	77.049M	76.32M	76.858M	77.04M	77.049M
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.28M	75.922M	83.4M	75.922M	83.04M	76.042M	83.28M	76.162M	83.64M	76.282M	83.28M	76.042M	82.92M	76.042M	83.04M	76.042M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.04M	76.162M	82.32M	76.402M	82.68M	76.282M	82.8M	76.162M	82.92M	76.282M	84M	76.162M	82.92M	76.402M	82.56M	76.282M
5570MHz	Pass	Inf	162M	155.442M	162.48M	154.483M	164.88M	154.675M	162.24M	154.099M	164.88M	154.483M	162.72M	154.483M	168.24M	155.826M	164.16M	154.483M

Port X-N dB = Port **X** 6dB down bandwidth for UNII-3 band / 26dB down bandwidth for other band; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_8TX — EBW

5180MHz

31/08/2020

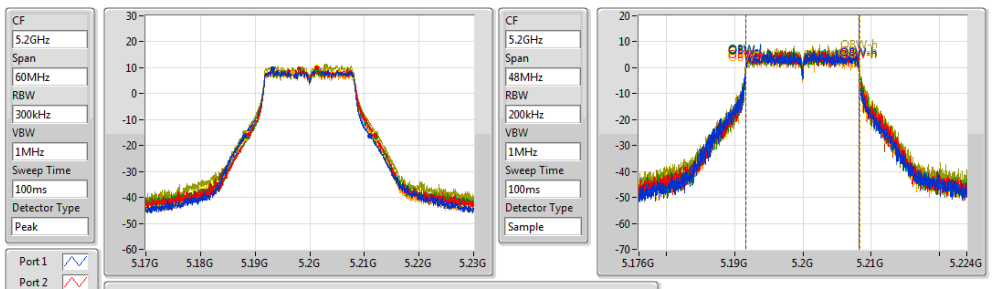


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.97M	5.16761G	5.19158G	16.672M	5.17158G	5.188252G	Inf	1
22.5M	5.16887G	5.19137G	16.624M	5.171652G	5.188276G	Inf	2
22.77M	5.16884G	5.19161G	16.6M	5.171652G	5.188252G	Inf	3
22.8M	5.16872G	5.19152G	16.624M	5.171628G	5.188252G	Inf	4
23.88M	5.16782G	5.1917G	16.648M	5.171604G	5.188252G	Inf	5
23.55M	5.168G	5.19155G	16.672M	5.171604G	5.188276G	Inf	6
23.4M	5.16812G	5.19152G	16.624M	5.171628G	5.188252G	Inf	7
22.62M	5.16872G	5.19134G	16.624M	5.171628G	5.188252G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5200MHz

31/08/2020

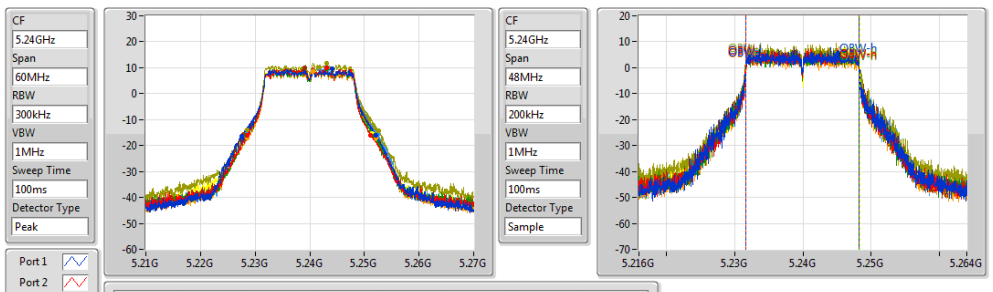


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.98M	5.188G	5.21098G	16.6M	5.191604G	5.208204G	Inf	1
23.07M	5.18896G	5.21203G	16.624M	5.191652G	5.208276G	Inf	2
23.4M	5.18866G	5.21206G	16.6M	5.191676G	5.208276G	Inf	3
23.61M	5.18845G	5.21206G	16.6M	5.191652G	5.208252G	Inf	4
22.83M	5.18821G	5.21104G	16.576M	5.191628G	5.208204G	Inf	5
24.12M	5.18806G	5.21218G	16.696M	5.191604G	5.2083G	Inf	6
23.25M	5.18839G	5.21164G	16.624M	5.191628G	5.208252G	Inf	7
23.1M	5.18872G	5.21182G	16.648M	5.191652G	5.2083G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5240MHz

31/08/2020

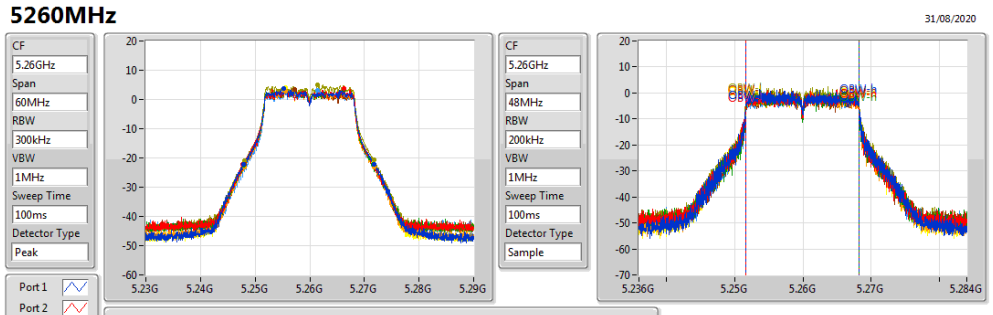


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.57M	5.22755G	5.25212G	16.648M	5.231628G	5.248276G	Inf	1
22.65M	5.22854G	5.25119G	16.648M	5.231604G	5.248252G	Inf	2
23.46M	5.22842G	5.25188G	16.648M	5.231604G	5.248252G	Inf	3
23.58M	5.2286G	5.25218G	16.648M	5.231604G	5.248252G	Inf	4
24.24M	5.22782G	5.25206G	16.6M	5.231628G	5.248228G	Inf	5
24.09M	5.22854G	5.25263G	16.696M	5.23158G	5.248276G	Inf	6
24.12M	5.22836G	5.25248G	16.6M	5.231676G	5.248276G	Inf	7
23.31M	5.22821G	5.25152G	16.696M	5.231604G	5.2483G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5260MHz

31/08/2020

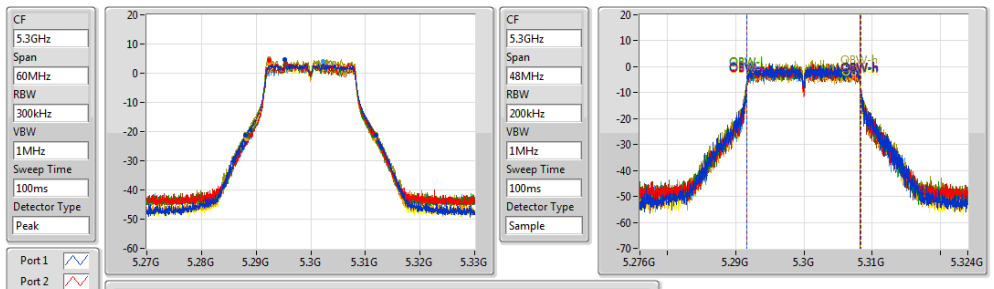


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.88M	5.24791G	5.27179G	16.672M	5.251604G	5.268276G	Inf	1
24.09M	5.24767G	5.27176G	16.672M	5.25158G	5.268252G	Inf	2
23.73M	5.24788G	5.27161G	16.624M	5.251628G	5.268252G	Inf	3
23.64M	5.24809G	5.27173G	16.648M	5.251604G	5.268252G	Inf	4
23.73M	5.24803G	5.27176G	16.624M	5.251628G	5.268252G	Inf	5
23.67M	5.24809G	5.27176G	16.672M	5.25158G	5.268252G	Inf	6
23.49M	5.24818G	5.27167G	16.576M	5.251652G	5.268228G	Inf	7
23.73M	5.24788G	5.27161G	16.624M	5.251652G	5.268276G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5300MHz

31/08/2020

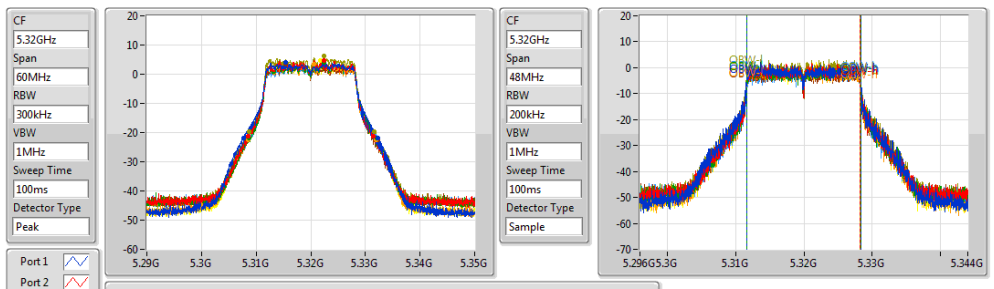


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.88M	5.288G	5.31188G	16.624M	5.291652G	5.308276G	Inf	1
22.53M	5.28908G	5.31161G	16.648M	5.291652G	5.3083G	Inf	2
23.04M	5.28848G	5.31152G	16.624M	5.291676G	5.3083G	Inf	3
23.37M	5.28824G	5.31161G	16.624M	5.291652G	5.308276G	Inf	4
23.67M	5.28836G	5.31203G	16.6M	5.291652G	5.308252G	Inf	5
23.88M	5.28806G	5.31194G	16.648M	5.291628G	5.308276G	Inf	6
23.04M	5.28881G	5.31185G	16.552M	5.2917G	5.308252G	Inf	7
22.92M	5.2886G	5.31152G	16.672M	5.291652G	5.308324G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5320MHz

31/08/2020

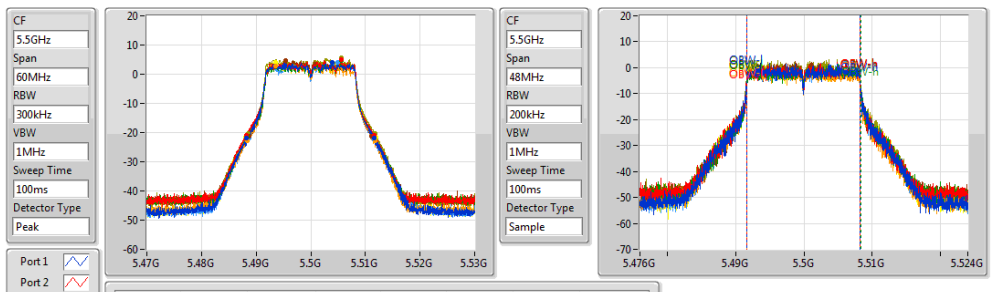


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.72M	5.30764G	5.33236G	16.696M	5.311604G	5.3283G	Inf	1
22.83M	5.30854G	5.33137G	16.648M	5.311628G	5.328276G	Inf	2
23.52M	5.30866G	5.33218G	16.696M	5.311628G	5.328324G	Inf	3
23.49M	5.30854G	5.33203G	16.624M	5.311604G	5.328228G	Inf	4
24.3M	5.308G	5.3323G	16.648M	5.311604G	5.328252G	Inf	5
22.92M	5.30872G	5.33164G	16.648M	5.311604G	5.328252G	Inf	6
23.04M	5.30869G	5.33173G	16.624M	5.311652G	5.328276G	Inf	7
22.59M	5.30878G	5.33137G	16.672M	5.311628G	5.3283G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5500MHz

31/08/2020

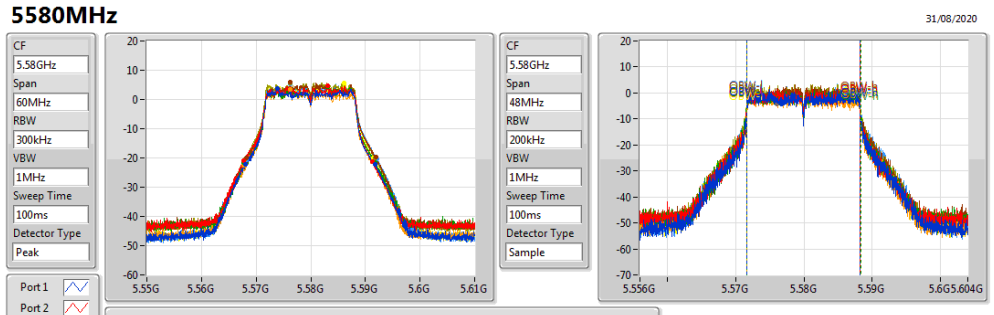


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.4M	5.48827G	5.51167G	16.624M	5.491628G	5.508252G	Inf	1
23.43M	5.48821G	5.51164G	16.672M	5.491604G	5.508276G	Inf	2
23.19M	5.48842G	5.51161G	16.648M	5.491652G	5.5083G	Inf	3
23.46M	5.48833G	5.51179G	16.576M	5.491652G	5.508228G	Inf	4
22.38M	5.48875G	5.51113G	16.504M	5.4917G	5.508204G	Inf	5
23.22M	5.48854G	5.51176G	16.576M	5.491652G	5.508228G	Inf	6
22.77M	5.48866G	5.51143G	16.624M	5.491628G	5.508252G	Inf	7
23.79M	5.48809G	5.51188G	16.624M	5.491628G	5.508252G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5580MHz

31/08/2020

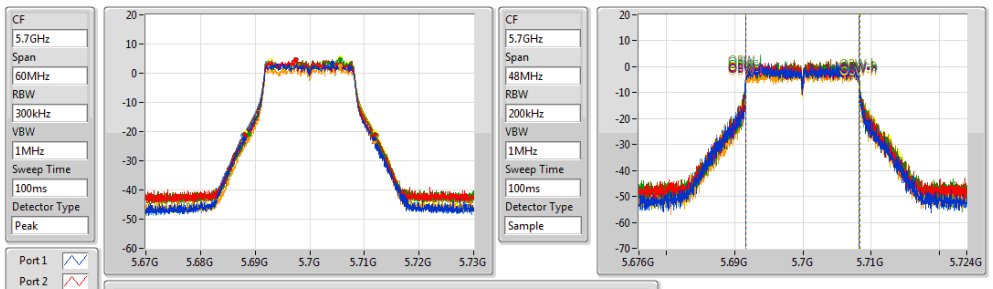


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.67M	5.56803G	5.5917G	16.6M	5.571676G	5.588276G	Inf	1
23.55M	5.56773G	5.59128G	16.624M	5.571652G	5.588276G	Inf	2
24.09M	5.56773G	5.59182G	16.72M	5.571604G	5.588324G	Inf	3
24.06M	5.5677G	5.59176G	16.648M	5.571604G	5.588252G	Inf	4
23.61M	5.5683G	5.59191G	16.576M	5.571676G	5.588252G	Inf	5
23.76M	5.56803G	5.59179G	16.6M	5.571628G	5.588228G	Inf	6
23.91M	5.56818G	5.59209G	16.648M	5.571628G	5.588276G	Inf	7
23.16M	5.56824G	5.5914G	16.696M	5.571604G	5.5883G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5700MHz

31/08/2020

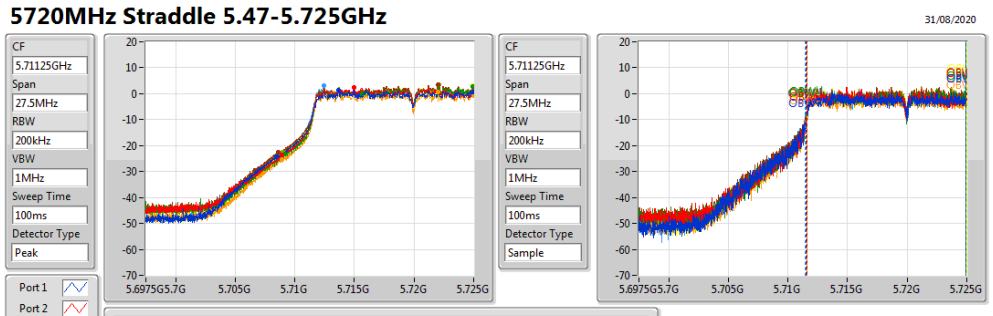


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.82M	5.68797G	5.71179G	16.552M	5.691652G	5.708204G	Inf	1
23.34M	5.6883G	5.71164G	16.624M	5.691628G	5.708252G	Inf	2
22.53M	5.6889G	5.71143G	16.648M	5.691652G	5.7083G	Inf	3
23.16M	5.68854G	5.7117G	16.624M	5.691652G	5.708276G	Inf	4
23.85M	5.68806G	5.71191G	16.624M	5.691652G	5.708276G	Inf	5
23.61M	5.6886G	5.71221G	16.624M	5.691628G	5.708252G	Inf	6
23.82M	5.68776G	5.71158G	16.672M	5.69158G	5.708252G	Inf	7
23.82M	5.68821G	5.71203G	16.648M	5.691628G	5.708276G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5720MHz Straddle 5.47-5.725GHz

31/08/2020

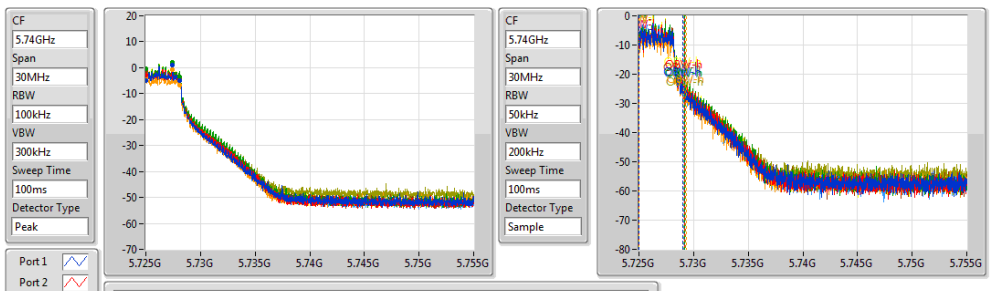


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.583M	5.708418G	5.725G	13.427M	5.711525G	5.724952G	Inf	1
16.06M	5.70894G	5.725G	13.345M	5.711594G	5.724938G	Inf	2
15.826M	5.709174G	5.725G	13.345M	5.711607G	5.724952G	Inf	3
16.074M	5.708926G	5.725G	13.345M	5.71158G	5.724924G	Inf	4
16.376M	5.708624G	5.725G	13.4M	5.711539G	5.724938G	Inf	5
15.978M	5.709023G	5.725G	13.358M	5.711594G	5.724952G	Inf	6
16.253M	5.708748G	5.725G	13.468M	5.71147G	5.724938G	Inf	7
16.06M	5.70894G	5.725G	13.4M	5.711566G	5.724966G	Inf	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5720MHz Straddle 5.725-5.85GHz

31/08/2020

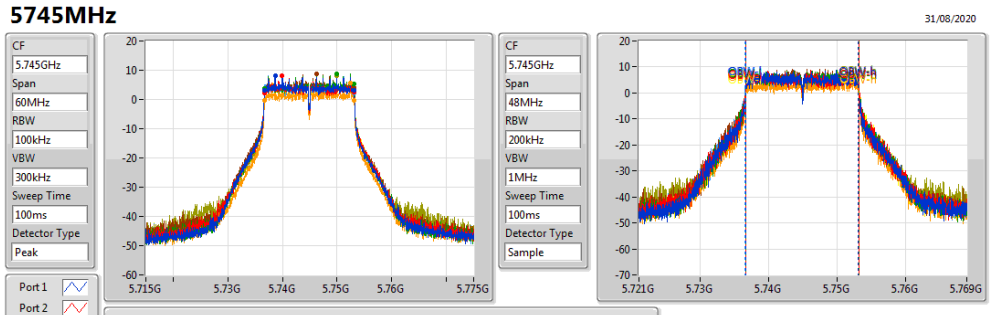


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	4.018M	5.725022G	5.72904G	500k	1
3.12M	5.725G	5.72812G	4.138M	5.725022G	5.72916G	500k	2
3.105M	5.725G	5.728105G	4.198M	5.725007G	5.729205G	500k	3
3.12M	5.725G	5.72812G	4.303M	5.725007G	5.72931G	500k	4
3.12M	5.725G	5.72812G	4.018M	5.725022G	5.72904G	500k	5
3.12M	5.725G	5.72812G	4.288M	5.725007G	5.729295G	500k	6
3.105M	5.725G	5.728105G	4.063M	5.725022G	5.729085G	500k	7
3.12M	5.725G	5.72812G	4.108M	5.725022G	5.72913G	500k	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5745MHz

31/08/2020

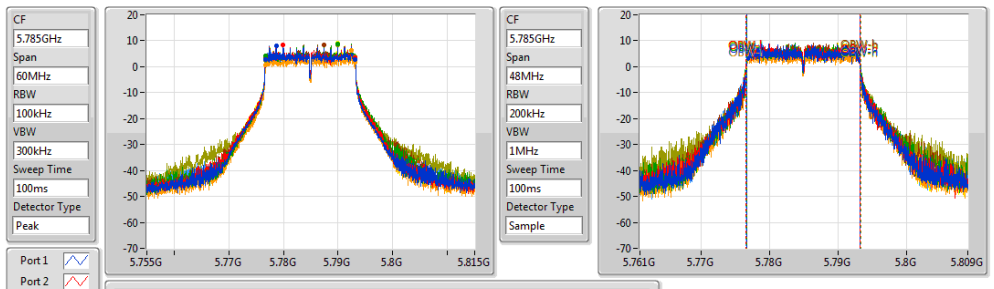


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73678G	5.7531G	16.528M	5.736628G	5.753156G	500k	1
16.38M	5.73675G	5.75313G	16.648M	5.73658G	5.753228G	500k	2
16.32M	5.73678G	5.7531G	16.648M	5.736604G	5.753252G	500k	3
16.38M	5.73675G	5.75313G	16.624M	5.736628G	5.753252G	500k	4
16.35M	5.73675G	5.7531G	16.6M	5.73658G	5.75318G	500k	5
16.38M	5.73675G	5.75313G	16.6M	5.736604G	5.753204G	500k	6
16.41M	5.73672G	5.75313G	16.648M	5.736532G	5.75318G	500k	7
16.38M	5.73675G	5.75313G	16.648M	5.736604G	5.753252G	500k	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5785MHz

31/08/2020

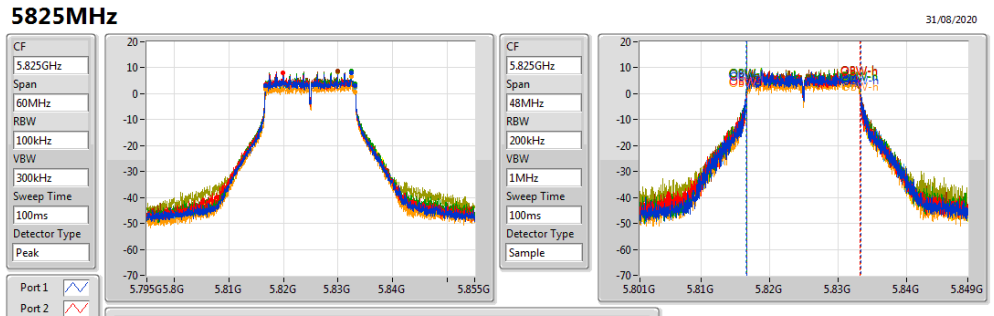


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77678G	5.7931G	16.648M	5.776604G	5.793252G	500k	1
16.35M	5.77675G	5.7931G	16.696M	5.776556G	5.793252G	500k	2
16.35M	5.77678G	5.79313G	16.672M	5.776604G	5.793276G	500k	3
16.35M	5.77675G	5.7931G	16.672M	5.776604G	5.793276G	500k	4
16.32M	5.77678G	5.7931G	16.672M	5.77658G	5.793252G	500k	5
16.35M	5.77675G	5.7931G	16.72M	5.77658G	5.7933G	500k	6
16.35M	5.77675G	5.7931G	16.744M	5.776508G	5.793252G	500k	7
16.32M	5.77678G	5.7931G	16.696M	5.776556G	5.793252G	500k	8

802.11a_Nss1,(6Mbps)_8TX — EBW

5825MHz

31/08/2020

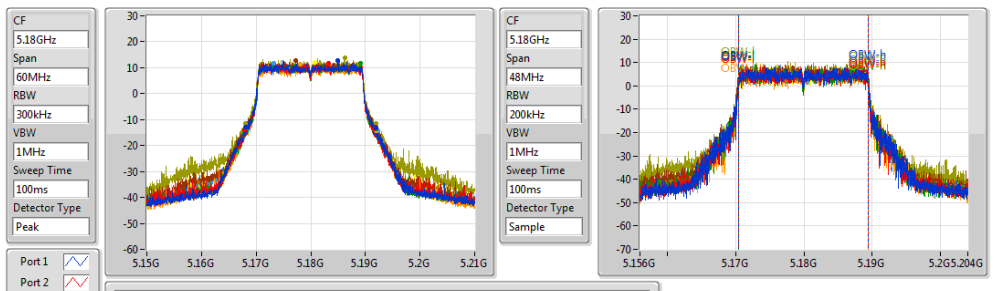


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81678G	5.8331G	16.672M	5.816628G	5.8333G	500k	1
16.35M	5.81675G	5.8331G	16.624M	5.816604G	5.833228G	500k	2
16.35M	5.81675G	5.8331G	16.648M	5.816604G	5.833252G	500k	3
16.35M	5.81678G	5.83313G	16.696M	5.816604G	5.8333G	500k	4
16.35M	5.81675G	5.8331G	16.624M	5.816604G	5.833228G	500k	5
16.38M	5.81675G	5.83313G	16.672M	5.816604G	5.833276G	500k	6
16.38M	5.81675G	5.83313G	16.696M	5.816556G	5.833252G	500k	7
16.35M	5.81675G	5.8331G	16.624M	5.816628G	5.833252G	500k	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5180MHz

31/08/2020

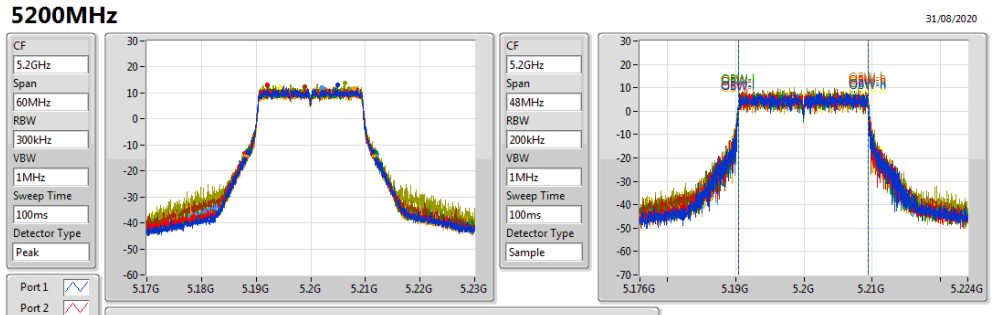


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.82M	5.16809G	5.19191G	19.046M	5.170405G	5.189451G	Inf	1
23.7M	5.16794G	5.19164G	18.975M	5.170429G	5.189403G	Inf	2
23.91M	5.16803G	5.19194G	19.022M	5.170429G	5.189451G	Inf	3
23.85M	5.16812G	5.19197G	18.999M	5.170453G	5.189451G	Inf	4
24.03M	5.168G	5.19203G	19.046M	5.170381G	5.189427G	Inf	5
23.76M	5.16812G	5.19188G	18.999M	5.170429G	5.189427G	Inf	6
24.33M	5.168G	5.19233G	19.022M	5.170429G	5.189451G	Inf	7
23.85M	5.168G	5.19185G	19.022M	5.170429G	5.189451G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5200MHz

31/08/2020

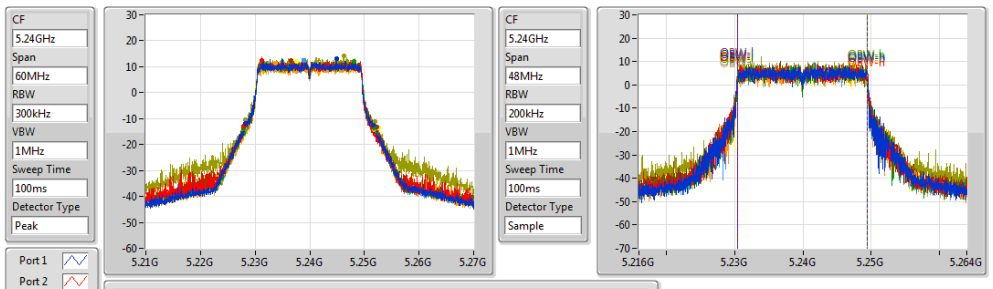


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.98M	5.18851G	5.21149G	18.999M	5.190429G	5.209427G	Inf	1
22.98M	5.18827G	5.21125G	18.975M	5.190453G	5.209427G	Inf	2
23.28M	5.18863G	5.21191G	18.999M	5.190429G	5.209427G	Inf	3
23.34M	5.1883G	5.21164G	18.999M	5.190429G	5.209427G	Inf	4
23.94M	5.18785G	5.21179G	18.975M	5.190453G	5.209427G	Inf	5
23.22M	5.18833G	5.21155G	18.975M	5.190477G	5.209451G	Inf	6
23.85M	5.1883G	5.21215G	18.999M	5.190429G	5.209427G	Inf	7
23.7M	5.1883G	5.212G	19.022M	5.190429G	5.209451G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5240MHz

31/08/2020

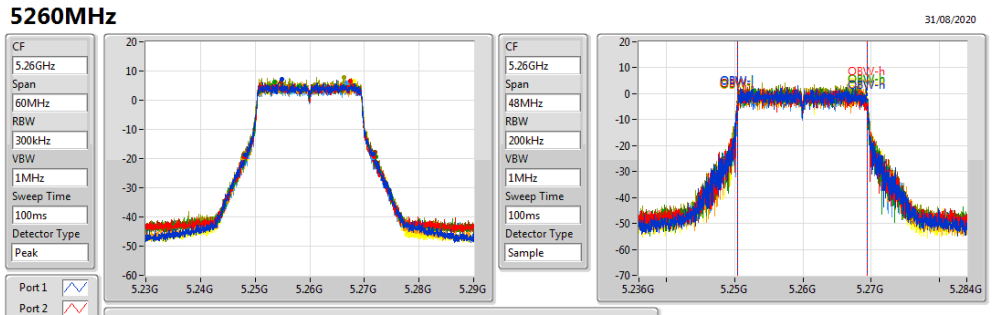


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.34M	5.22821G	5.25155G	18.975M	5.230429G	5.249403G	Inf	1
23.67M	5.22785G	5.25152G	19.046M	5.230405G	5.249451G	Inf	2
23.82M	5.22791G	5.25173G	18.999M	5.230429G	5.249427G	Inf	3
23.73M	5.22809G	5.25182G	18.999M	5.230429G	5.249427G	Inf	4
24.18M	5.22812G	5.2523G	18.999M	5.230429G	5.249427G	Inf	5
23.79M	5.22818G	5.25197G	19.022M	5.230429G	5.249451G	Inf	6
23.58M	5.22815G	5.25173G	19.022M	5.230429G	5.249451G	Inf	7
24.81M	5.22776G	5.25257G	19.046M	5.230405G	5.249451G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5260MHz

31/08/2020

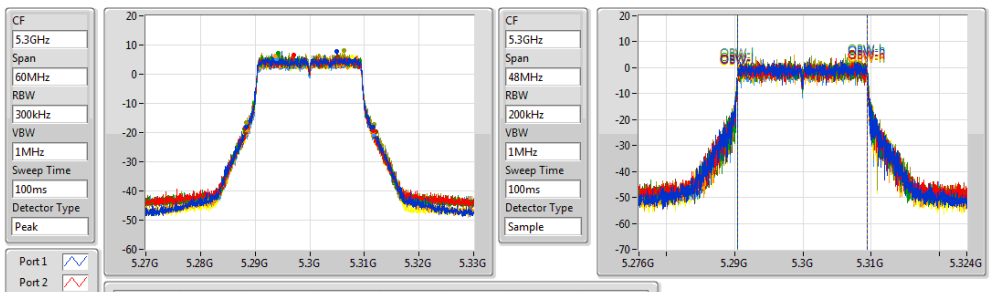


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.46M	5.24815G	5.27161G	18.999M	5.250429G	5.269427G	Inf	1
23.64M	5.24806G	5.2717G	18.999M	5.250453G	5.269451G	Inf	2
24.33M	5.24785G	5.27218G	18.999M	5.250453G	5.269451G	Inf	3
24.09M	5.24764G	5.27173G	19.022M	5.250405G	5.269427G	Inf	4
23.97M	5.24791G	5.27188G	19.046M	5.250405G	5.269451G	Inf	5
23.88M	5.24797G	5.27185G	18.999M	5.250429G	5.269427G	Inf	6
23.79M	5.24788G	5.27167G	19.046M	5.250405G	5.269451G	Inf	7
24.09M	5.24794G	5.27203G	19.046M	5.250429G	5.269475G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5300MHz

31/08/2020

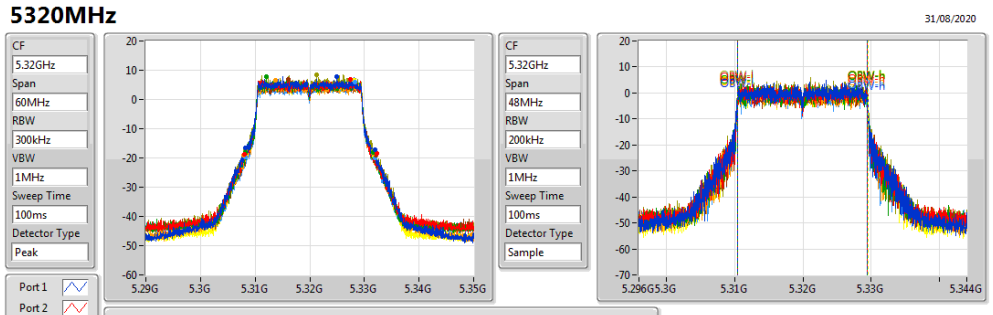


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.19M	5.28836G	5.31155G	19.022M	5.290429G	5.309451G	Inf	1
23.4M	5.28824G	5.31164G	18.975M	5.290453G	5.309427G	Inf	2
23.55M	5.28809G	5.31164G	19.022M	5.290453G	5.309475G	Inf	3
23.31M	5.28836G	5.31167G	18.999M	5.290429G	5.309427G	Inf	4
23.88M	5.28821G	5.31209G	18.999M	5.290429G	5.309427G	Inf	5
23.31M	5.28842G	5.31173G	18.951M	5.290477G	5.309427G	Inf	6
23.7M	5.28815G	5.31185G	18.999M	5.290453G	5.309451G	Inf	7
24M	5.28806G	5.31206G	18.999M	5.290453G	5.309451G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5320MHz

31/08/2020

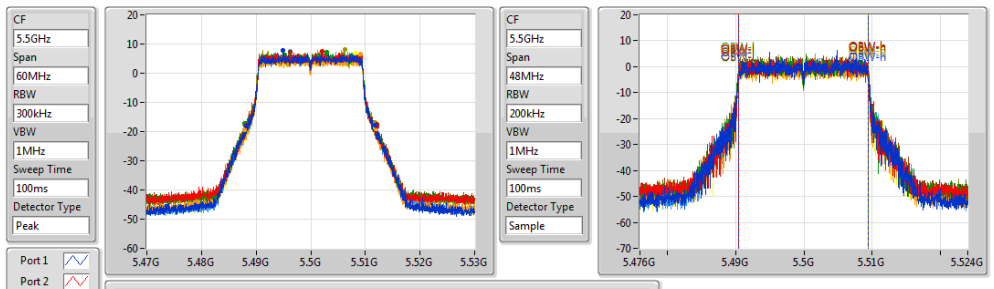


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.79M	5.30821G	5.332G	18.999M	5.310429G	5.329427G	Inf	1
24.18M	5.30806G	5.33224G	18.999M	5.310429G	5.329427G	Inf	2
23.28M	5.3083G	5.33158G	18.975M	5.310453G	5.329427G	Inf	3
23.7M	5.30794G	5.33164G	19.022M	5.310429G	5.329451G	Inf	4
23.91M	5.30815G	5.33206G	19.022M	5.310453G	5.329475G	Inf	5
23.49M	5.30818G	5.33167G	18.975M	5.310453G	5.329427G	Inf	6
23.79M	5.30821G	5.332G	18.999M	5.310453G	5.329451G	Inf	7
23.43M	5.30836G	5.33179G	19.07M	5.310429G	5.329499G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5500MHz

31/08/2020

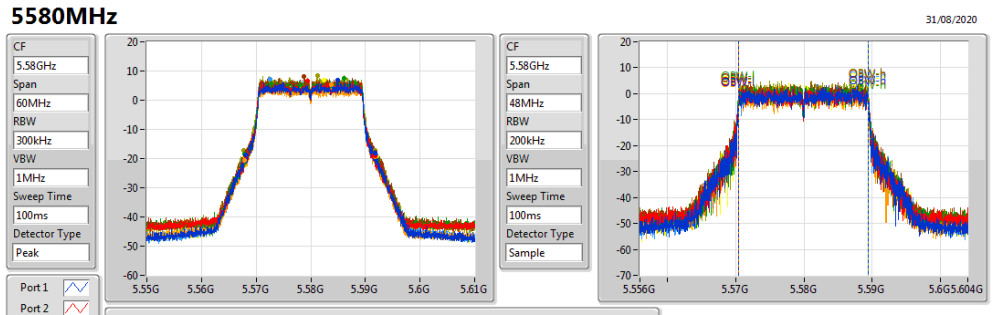


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.55M	5.48815G	5.5117G	18.975M	5.490453G	5.509427G	Inf	1
23.85M	5.48827G	5.51212G	19.022M	5.490405G	5.509427G	Inf	2
23.85M	5.48788G	5.51173G	18.999M	5.490429G	5.509427G	Inf	3
24.03M	5.48782G	5.51185G	18.999M	5.490453G	5.509451G	Inf	4
24.12M	5.48806G	5.51218G	18.999M	5.490429G	5.509427G	Inf	5
23.94M	5.48782G	5.51176G	18.975M	5.490453G	5.509427G	Inf	6
24M	5.48806G	5.51206G	18.975M	5.490477G	5.509451G	Inf	7
23.91M	5.48809G	5.512G	18.975M	5.490429G	5.509403G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5580MHz

31/08/2020

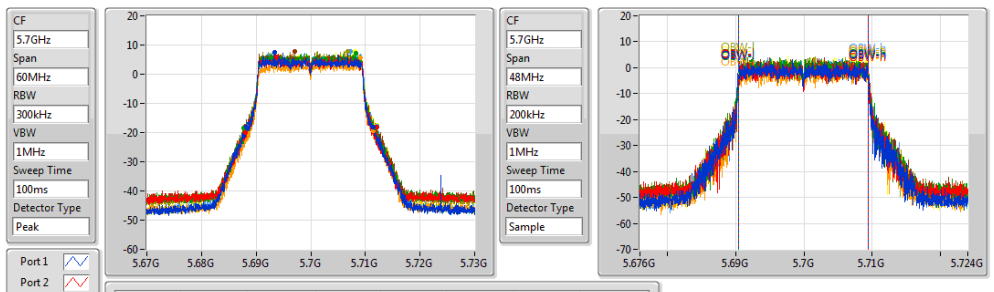


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.79M	5.568G	5.59179G	18.999M	5.570453G	5.589451G	Inf	1
23.73M	5.56812G	5.59185G	19.022M	5.570429G	5.589451G	Inf	2
23.88M	5.56791G	5.59179G	18.975M	5.570453G	5.589427G	Inf	3
23.82M	5.56794G	5.59176G	18.999M	5.570453G	5.589451G	Inf	4
23.49M	5.56821G	5.5917G	19.022M	5.570429G	5.589451G	Inf	5
24.06M	5.56767G	5.59173G	19.022M	5.570429G	5.589451G	Inf	6
23.88M	5.56803G	5.59191G	18.999M	5.570453G	5.589451G	Inf	7
24.18M	5.56791G	5.59209G	18.999M	5.570453G	5.589451G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5700MHz

31/08/2020

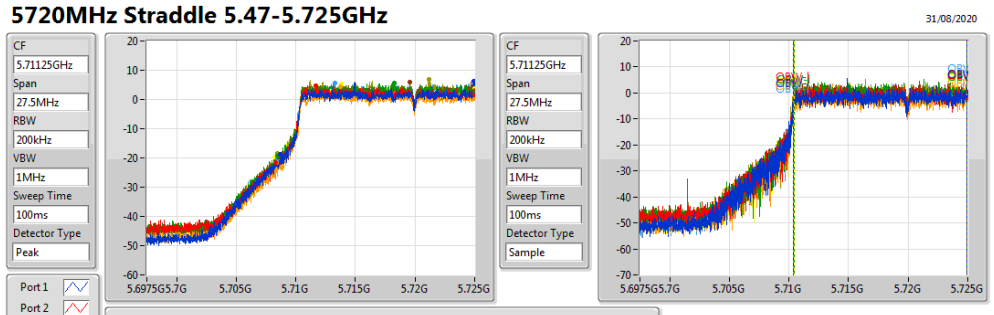


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.19M	5.68824G	5.71143G	19.022M	5.690405G	5.709427G	Inf	1
23.91M	5.68797G	5.71188G	18.999M	5.690429G	5.709427G	Inf	2
24.15M	5.6877G	5.71185G	18.999M	5.690453G	5.709451G	Inf	3
22.98M	5.68851G	5.71149G	18.975M	5.690429G	5.709403G	Inf	4
24.18M	5.68797G	5.71215G	18.975M	5.690453G	5.709427G	Inf	5
23.67M	5.68806G	5.71173G	18.951M	5.690477G	5.709427G	Inf	6
23.82M	5.6883G	5.71212G	19.022M	5.690429G	5.709451G	Inf	7
23.94M	5.68818G	5.71212G	18.999M	5.690429G	5.709427G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5720MHz Straddle 5.47-5.725GHz

31/08/2020

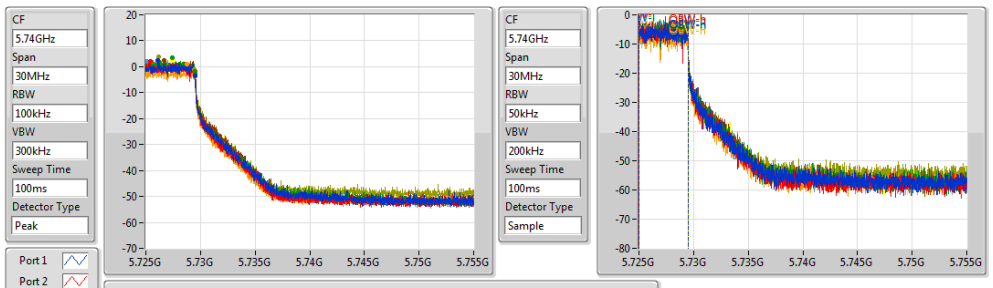


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.308M	5.708693G	5.725G	14.568M	5.710384G	5.724952G	Inf	1
16.734M	5.708266G	5.725G	14.54M	5.710384G	5.724924G	Inf	2
16.583M	5.708418G	5.725G	14.513M	5.710412G	5.724924G	Inf	3
16.596M	5.708404G	5.725G	14.54M	5.710398G	5.724938G	Inf	4
16.473M	5.708528G	5.725G	14.513M	5.710412G	5.724924G	Inf	5
16.569M	5.708431G	5.725G	14.526M	5.710384G	5.724911G	Inf	6
16.514M	5.708486G	5.725G	14.526M	5.710398G	5.724924G	Inf	7
16.803M	5.708198G	5.725G	14.499M	5.710412G	5.724911G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5720MHz Straddle 5.725-5.85GHz

31/08/2020

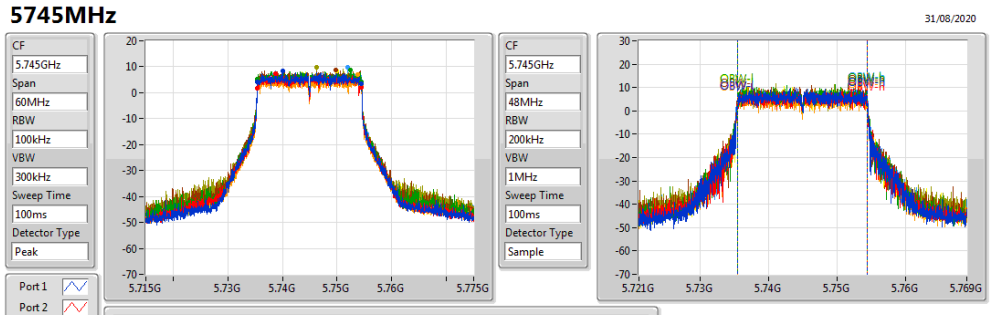


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.485M	5.725G	5.729485G	4.483M	5.725022G	5.729505G	500k	1
4.5M	5.725G	5.7295G	4.468M	5.725037G	5.729505G	500k	2
4.5M	5.725G	5.7295G	4.483M	5.725022G	5.729505G	500k	3
4.47M	5.725G	5.72947G	4.483M	5.725022G	5.729505G	500k	4
4.485M	5.725G	5.729485G	4.483M	5.725022G	5.729505G	500k	5
4.47M	5.725G	5.72947G	4.483M	5.725022G	5.729505G	500k	6
4.515M	5.725G	5.729515G	4.483M	5.725022G	5.729505G	500k	7
4.53M	5.725G	5.72953G	4.483M	5.725022G	5.729505G	500k	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5745MHz

31/08/2020

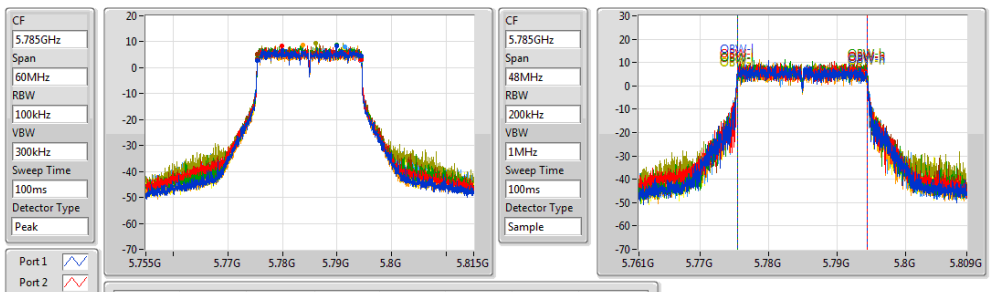


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.08M	5.7354G	5.75448G	18.999M	5.735429G	5.754427G	500k	1
19.14M	5.73537G	5.75451G	18.999M	5.735429G	5.754427G	500k	2
19.08M	5.73537G	5.75445G	18.951M	5.735453G	5.754403G	500k	3
19.08M	5.7354G	5.75448G	19.022M	5.735405G	5.754427G	500k	4
19.11M	5.7354G	5.75451G	19.022M	5.735405G	5.754427G	500k	5
19.08M	5.7354G	5.75448G	18.975M	5.735429G	5.754403G	500k	6
19.05M	5.7354G	5.75445G	19.046M	5.735405G	5.754451G	500k	7
19.11M	5.7354G	5.75451G	19.022M	5.735429G	5.754451G	500k	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5785MHz

31/08/2020

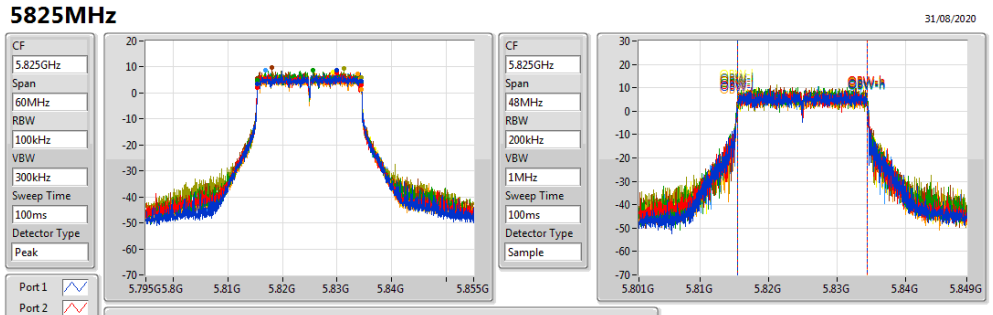


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.08M	5.77537G	5.79445G	19.022M	5.775381G	5.794403G	500k	1
19.08M	5.7754G	5.79448G	19.022M	5.775405G	5.794427G	500k	2
19.11M	5.7754G	5.79451G	18.999M	5.775453G	5.794451G	500k	3
18.99M	5.77546G	5.79445G	18.975M	5.775453G	5.794427G	500k	4
19.11M	5.7754G	5.79451G	18.999M	5.775429G	5.794427G	500k	5
19.05M	5.77543G	5.79448G	18.999M	5.775429G	5.794427G	500k	6
19.11M	5.77537G	5.79448G	19.022M	5.775405G	5.794427G	500k	7
19.14M	5.77537G	5.79451G	18.999M	5.775429G	5.794427G	500k	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX — EBW

5825MHz

31/08/2020

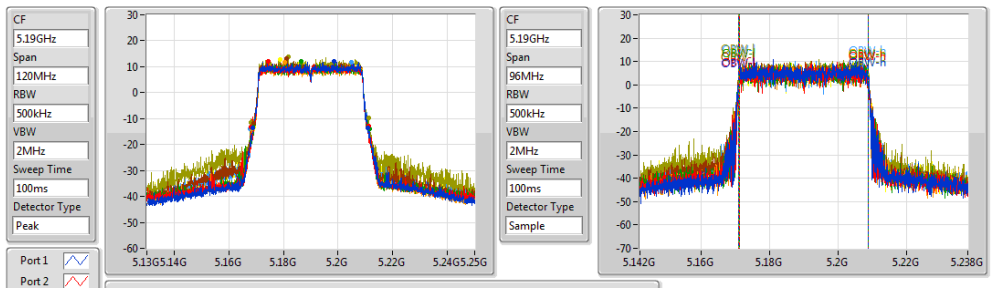


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.81543G	5.83445G	18.999M	5.815429G	5.834427G	500k	1
19.11M	5.81537G	5.83448G	18.951M	5.815453G	5.834403G	500k	2
19.05M	5.8154G	5.83445G	18.999M	5.815453G	5.834451G	500k	3
19.11M	5.81537G	5.83448G	18.999M	5.815429G	5.834427G	500k	4
19.08M	5.8154G	5.83448G	18.975M	5.815453G	5.834427G	500k	5
19.05M	5.8154G	5.83445G	18.999M	5.815429G	5.834427G	500k	6
19.08M	5.8154G	5.83448G	19.022M	5.815429G	5.834451G	500k	7
19.11M	5.8154G	5.83451G	19.022M	5.815429G	5.834451G	500k	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX — EBW

5190MHz

31/08/2020

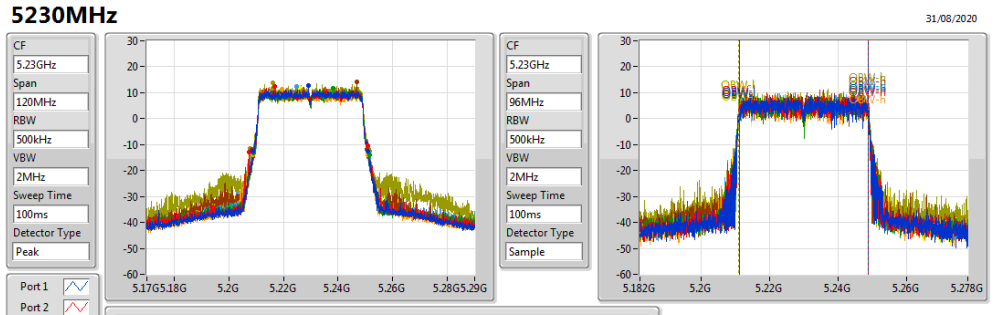


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.06M	5.16888G	5.21094G	37.853M	5.171001G	5.208855G	Inf	1
43.02M	5.16816G	5.21118G	37.709M	5.171049G	5.208759G	Inf	2
42.72M	5.1687G	5.21142G	37.901M	5.171049G	5.208951G	Inf	3
42.78M	5.16834G	5.21112G	37.805M	5.171049G	5.208855G	Inf	4
41.76M	5.169G	5.21076G	37.901M	5.170954G	5.208855G	Inf	5
43.08M	5.1681G	5.21118G	37.853M	5.171001G	5.208855G	Inf	6
43.32M	5.16786G	5.21118G	37.757M	5.171049G	5.208807G	Inf	7
41.94M	5.16912G	5.21106G	37.805M	5.171001G	5.208807G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX — EBW

5230MHz

31/08/2020

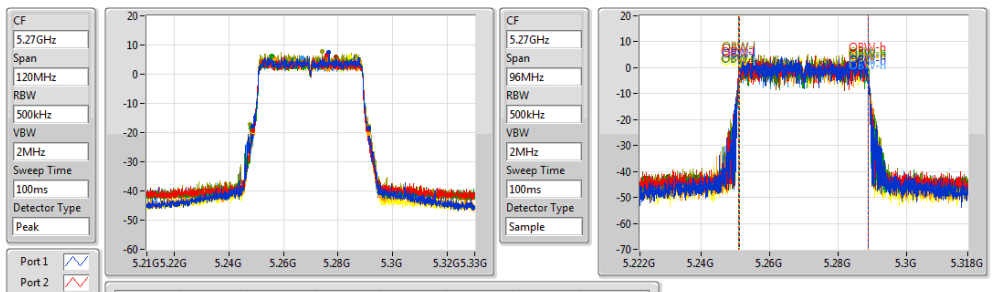


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.24M	5.20876G	5.251G	37.853M	5.211049G	5.248903G	Inf	1
43.56M	5.20738G	5.25094G	37.757M	5.211049G	5.248807G	Inf	2
42.54M	5.209G	5.25154G	37.757M	5.211049G	5.248807G	Inf	3
41.88M	5.20894G	5.25082G	37.709M	5.211145G	5.248855G	Inf	4
42M	5.20852G	5.25052G	37.901M	5.211049G	5.248951G	Inf	5
43.26M	5.2078G	5.25106G	37.853M	5.210954G	5.248807G	Inf	6
43.02M	5.20852G	5.25154G	37.757M	5.211097G	5.248855G	Inf	7
42.06M	5.20906G	5.25112G	37.757M	5.211097G	5.248855G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX — EBW

5270MHz

31/08/2020

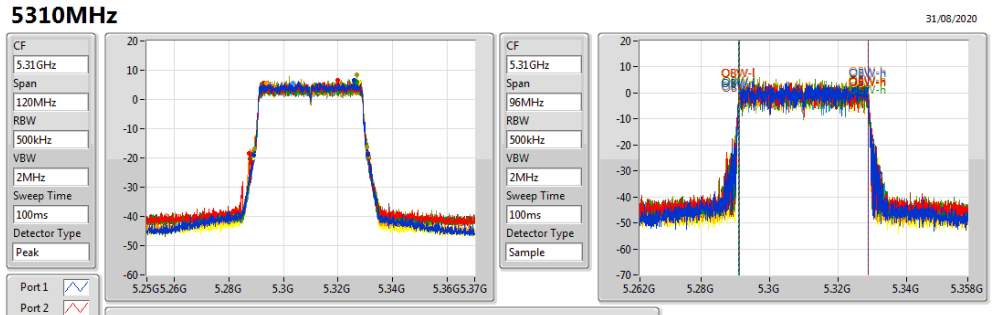


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.36M	5.24882G	5.29118G	37.709M	5.251097G	5.288807G	Inf	1
42.24M	5.24864G	5.29088G	37.853M	5.251001G	5.288855G	Inf	2
43.08M	5.2481G	5.29118G	37.853M	5.251001G	5.288855G	Inf	3
42.3M	5.24894G	5.29124G	37.805M	5.251049G	5.288855G	Inf	4
42.48M	5.24858G	5.29106G	37.709M	5.251097G	5.288807G	Inf	5
43.44M	5.24786G	5.2913G	37.757M	5.251049G	5.288807G	Inf	6
42.54M	5.2487G	5.29124G	37.757M	5.251049G	5.288807G	Inf	7
42.18M	5.24894G	5.29112G	37.805M	5.251049G	5.288855G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX — EBW

5310MHz

31/08/2020

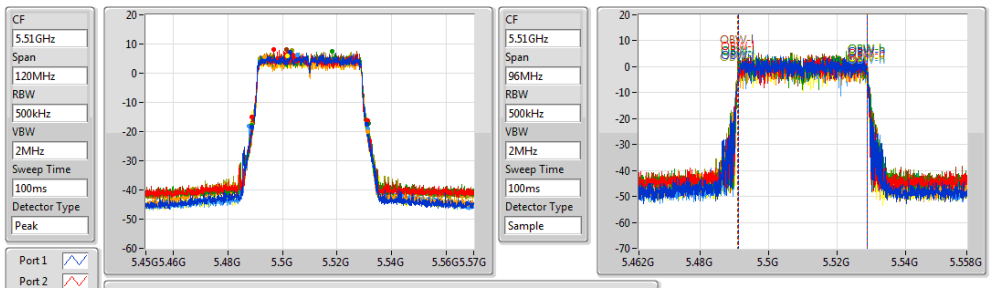


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.82M	5.28918G	5.331G	37.901M	5.291001G	5.328903G	Inf	1
43.44M	5.28756G	5.331G	37.853M	5.291001G	5.328855G	Inf	2
41.88M	5.28894G	5.33082G	37.709M	5.291097G	5.328807G	Inf	3
42.96M	5.28816G	5.33112G	37.757M	5.291097G	5.328855G	Inf	4
43.38M	5.28786G	5.33124G	37.805M	5.291049G	5.328855G	Inf	5
41.4M	5.2893G	5.3307G	37.853M	5.291049G	5.328903G	Inf	6
42.12M	5.28876G	5.33088G	37.901M	5.291001G	5.328903G	Inf	7
42.12M	5.28888G	5.331G	37.757M	5.291049G	5.328807G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

5510MHz

31/08/2020

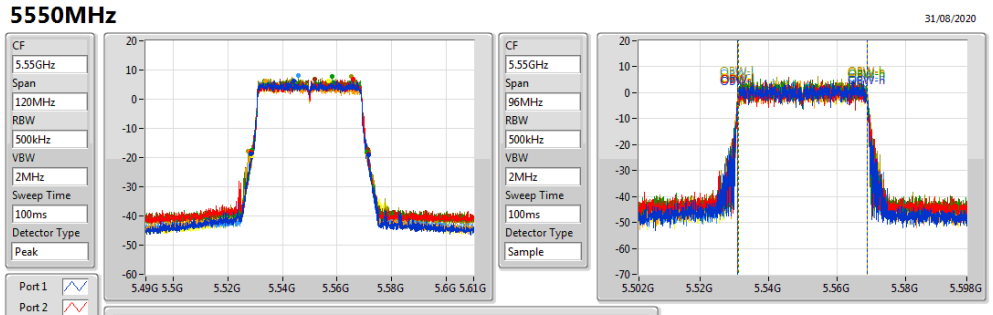


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.12M	5.4887G	5.53082G	37.805M	5.491049G	5.528855G	Inf	1
42.36M	5.48888G	5.53124G	37.709M	5.491049G	5.528759G	Inf	2
42.72M	5.48876G	5.53148G	37.709M	5.491049G	5.528759G	Inf	3
42.66M	5.4887G	5.53136G	37.901M	5.491049G	5.528951G	Inf	4
41.64M	5.489G	5.53064G	37.757M	5.491001G	5.528759G	Inf	5
42.42M	5.48864G	5.53106G	37.901M	5.490954G	5.528855G	Inf	6
43.26M	5.48792G	5.53118G	37.805M	5.491049G	5.528855G	Inf	7
42.66M	5.48846G	5.53112G	37.853M	5.491049G	5.528903G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

5550MHz

31/08/2020

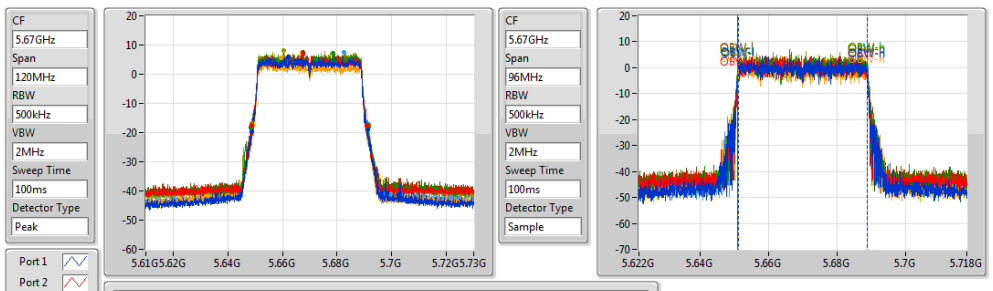


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.02M	5.52852G	5.57154G	37.757M	5.531001G	5.568759G	Inf	1
43.26M	5.52846G	5.57172G	37.805M	5.531001G	5.568807G	Inf	2
42.3M	5.5287G	5.571G	37.805M	5.531049G	5.568855G	Inf	3
42.96M	5.52804G	5.571G	37.805M	5.531049G	5.568855G	Inf	4
42.84M	5.52852G	5.57136G	37.757M	5.531049G	5.568807G	Inf	5
43.98M	5.5275G	5.57148G	37.853M	5.531001G	5.568855G	Inf	6
42.06M	5.52876G	5.57082G	37.757M	5.531001G	5.568759G	Inf	7
42.36M	5.52882G	5.57118G	37.901M	5.531001G	5.568903G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

5670MHz

31/08/2020

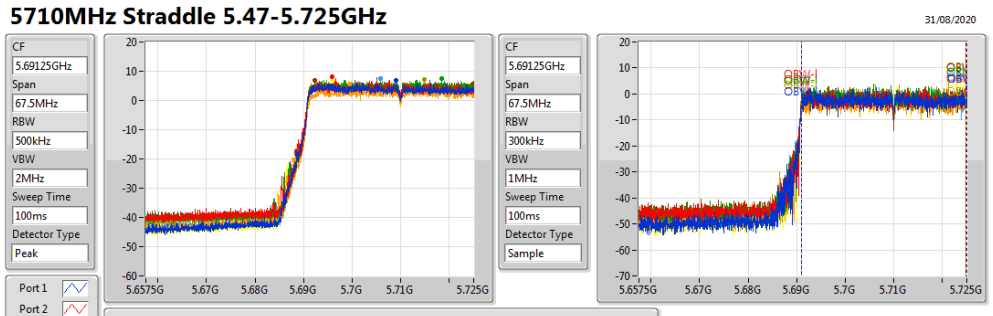


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.42M	5.6487G	5.69112G	37.757M	5.651049G	5.688807G	Inf	1
42.12M	5.64864G	5.69076G	37.757M	5.651001G	5.688759G	Inf	2
42.72M	5.64876G	5.69148G	37.805M	5.651001G	5.688807G	Inf	3
42M	5.64888G	5.69088G	37.805M	5.651049G	5.688855G	Inf	4
42.6M	5.64858G	5.69118G	37.901M	5.650954G	5.688855G	Inf	5
42.84M	5.64864G	5.69148G	37.805M	5.651001G	5.688807G	Inf	6
42.9M	5.64852G	5.69142G	37.853M	5.651049G	5.688903G	Inf	7
42.36M	5.64894G	5.6913G	37.805M	5.651049G	5.688855G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

5710MHz Straddle 5.47-5.725GHz

31/08/2020

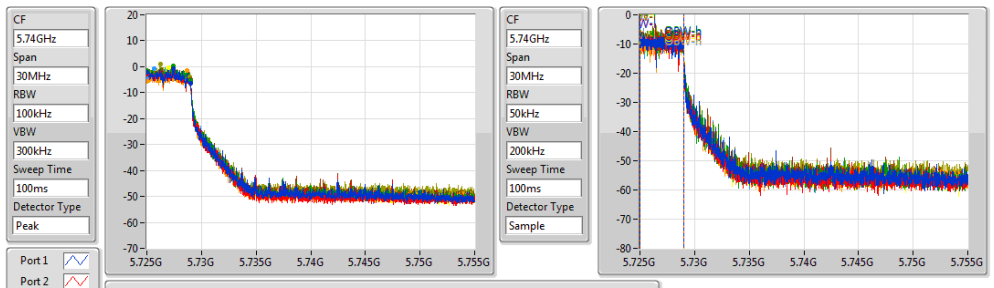


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.315M	5.688685G	5.725G	33.902M	5.691014G	5.724916G	Inf	1
36.416M	5.688584G	5.725G	33.801M	5.691014G	5.724814G	Inf	2
36.281M	5.688719G	5.725G	33.801M	5.691048G	5.724848G	Inf	3
37.125M	5.687875G	5.725G	33.801M	5.691048G	5.724848G	Inf	4
36.248M	5.688753G	5.725G	33.834M	5.691048G	5.724882G	Inf	5
36.416M	5.688584G	5.725G	33.902M	5.69098G	5.724882G	Inf	6
36.551M	5.688449G	5.725G	33.801M	5.691014G	5.724814G	Inf	7
36.72M	5.68828G	5.725G	33.834M	5.691014G	5.724848G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

5710MHz Straddle 5.725-5.85GHz

31/08/2020

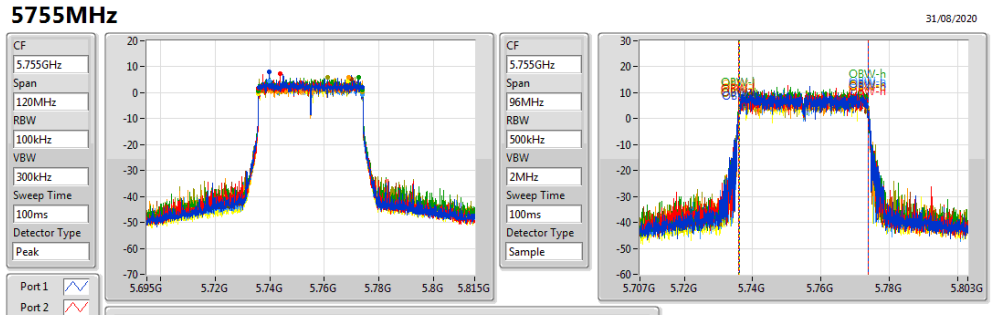


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.018M	5.725022G	5.72904G	500k	1
4.005M	5.725G	5.729005G	4.018M	5.725022G	5.72904G	500k	2
4.02M	5.725G	5.72902G	4.003M	5.725022G	5.729025G	500k	3
4.005M	5.725G	5.729005G	4.018M	5.725022G	5.72904G	500k	4
4.02M	5.725G	5.72902G	4.003M	5.725037G	5.72904G	500k	5
3.96M	5.725G	5.72896G	4.033M	5.725007G	5.72904G	500k	6
4.005M	5.725G	5.729005G	4.018M	5.725022G	5.72904G	500k	7
4.005M	5.725G	5.729005G	4.018M	5.725022G	5.72904G	500k	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

5755MHz

31/08/2020

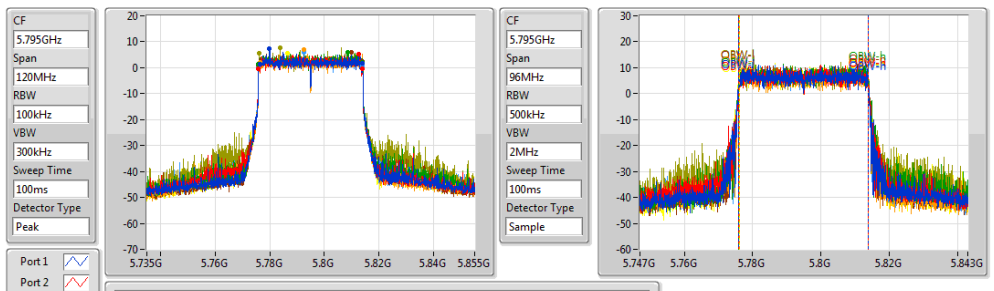


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.92M	5.73598G	5.7739G	37.757M	5.736097G	5.773855G	500k	1
37.98M	5.73592G	5.7739G	37.757M	5.736001G	5.773759G	500k	2
38.16M	5.73586G	5.77402G	37.757M	5.736001G	5.773759G	500k	3
38.04M	5.73592G	5.77396G	37.757M	5.736097G	5.773855G	500k	4
38.1M	5.73586G	5.77396G	37.853M	5.735954G	5.773807G	500k	5
37.92M	5.73598G	5.7739G	37.853M	5.736001G	5.773855G	500k	6
38.1M	5.73586G	5.77396G	37.901M	5.735954G	5.773855G	500k	7
38.1M	5.73586G	5.77396G	37.853M	5.736049G	5.773903G	500k	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

5795MHz

31/08/2020

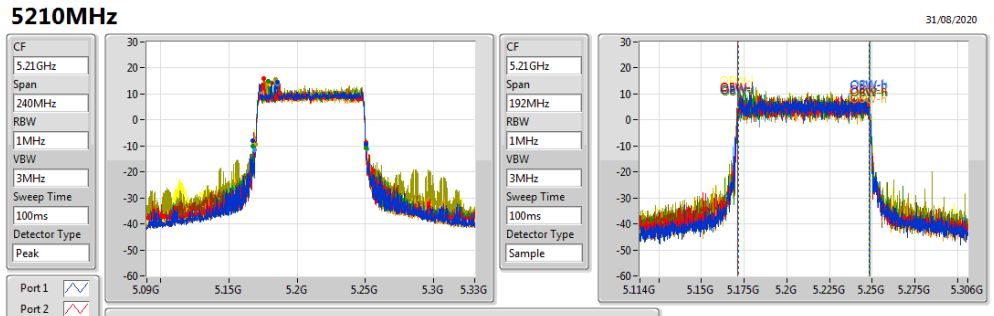


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.44M	5.77646G	5.8139G	37.757M	5.776001G	5.813759G	500k	1
38.1M	5.77592G	5.81402G	37.853M	5.776001G	5.813855G	500k	2
38.04M	5.77592G	5.81396G	37.853M	5.776001G	5.813855G	500k	3
37.32M	5.77646G	5.81378G	37.661M	5.776097G	5.813759G	500k	4
38.1M	5.77586G	5.81396G	37.853M	5.776001G	5.813855G	500k	5
37.8M	5.77616G	5.81396G	37.853M	5.776001G	5.813855G	500k	6
37.92M	5.77592G	5.81384G	37.901M	5.775954G	5.813855G	500k	7
38.16M	5.77586G	5.81402G	37.709M	5.776049G	5.813759G	500k	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

5210MHz

31/08/2020

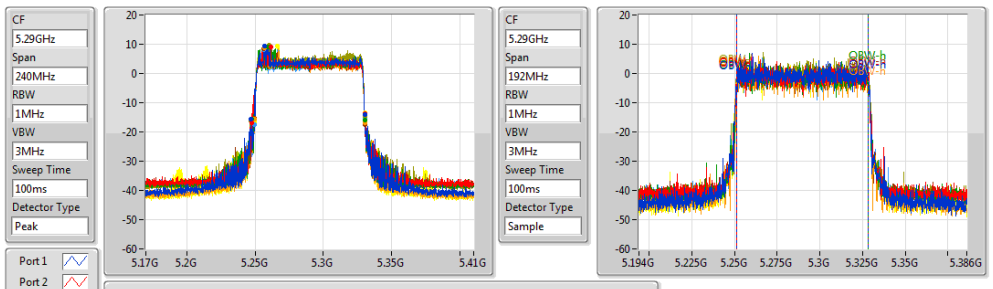


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.1674G	5.25032G	76.858M	5.171427G	5.248285G	Inf	1
82.44M	5.16776G	5.2502G	77.145M	5.171235G	5.248381G	Inf	2
82.56M	5.16764G	5.2502G	77.049M	5.171523G	5.248573G	Inf	3
81.84M	5.16836G	5.2502G	77.145M	5.171331G	5.248477G	Inf	4
82.08M	5.16824G	5.25032G	77.145M	5.171331G	5.248477G	Inf	5
80.88M	5.16968G	5.25056G	77.145M	5.171427G	5.248573G	Inf	6
82.32M	5.16872G	5.25104G	77.337M	5.171331G	5.248669G	Inf	7
82.92M	5.16764G	5.25056G	77.241M	5.171427G	5.248669G	Inf	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

5290MHz

31/08/2020

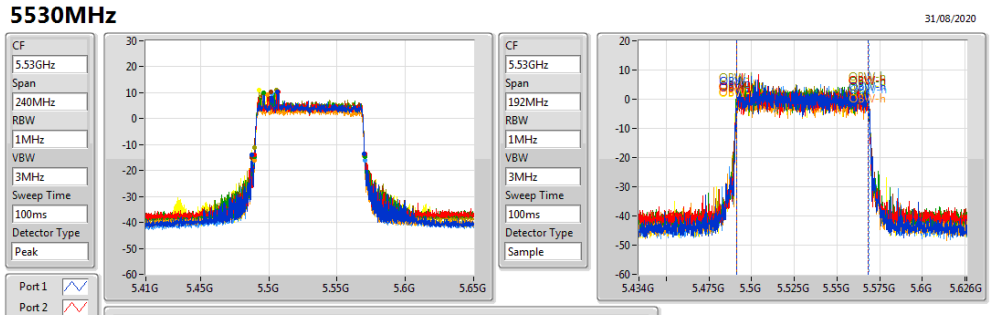


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.52M	5.2468G	5.33032G	76.954M	5.251427G	5.328381G	Inf	1
82.92M	5.24728G	5.3302G	77.241M	5.251235G	5.328477G	Inf	2
83.04M	5.2474G	5.33044G	76.954M	5.251427G	5.328381G	Inf	3
80.64M	5.24968G	5.33032G	77.145M	5.251331G	5.328477G	Inf	4
80.88M	5.24956G	5.33044G	76.954M	5.251427G	5.328381G	Inf	5
83.4M	5.24692G	5.33032G	77.049M	5.251427G	5.328477G	Inf	6
81.12M	5.24956G	5.33068G	77.241M	5.251235G	5.328477G	Inf	7
80.76M	5.24956G	5.33032G	77.049M	5.251427G	5.328477G	Inf	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

5530MHz

31/08/2020

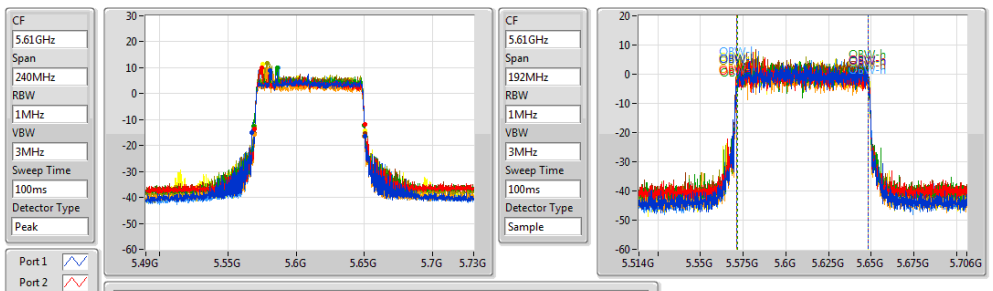


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.48776G	5.57008G	77.145M	5.491331G	5.568477G	Inf	1
80.52M	5.48968G	5.5702G	77.049M	5.491427G	5.568477G	Inf	2
80.52M	5.48968G	5.5702G	77.145M	5.491235G	5.568381G	Inf	3
80.28M	5.4898G	5.57008G	77.049M	5.491427G	5.568477G	Inf	4
82.8M	5.4874G	5.5702G	77.049M	5.491331G	5.568381G	Inf	5
80.52M	5.48968G	5.5702G	77.049M	5.491235G	5.568285G	Inf	6
80.88M	5.48932G	5.5702G	77.241M	5.491331G	5.568573G	Inf	7
83.16M	5.4874G	5.57056G	77.049M	5.491331G	5.568381G	Inf	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

5610MHz

31/08/2020

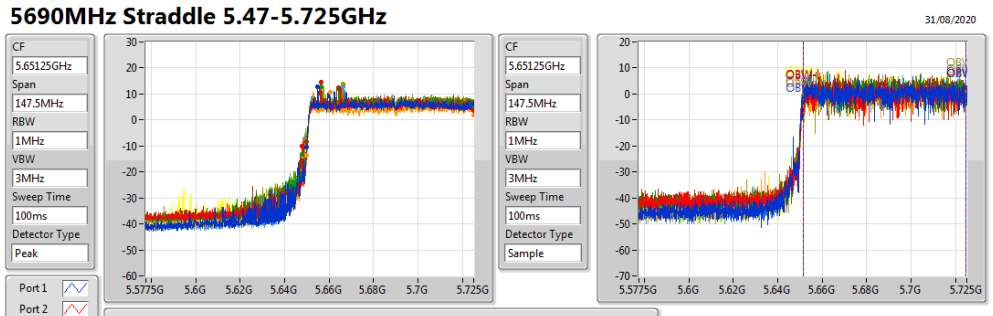


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.16M	5.5674G	5.65056G	77.049M	5.571427G	5.648477G	Inf	1
80.52M	5.56968G	5.6502G	76.858M	5.571427G	5.648285G	Inf	2
81.12M	5.56896G	5.65008G	76.762M	5.571523G	5.648285G	Inf	3
80.28M	5.5698G	5.65008G	77.049M	5.571427G	5.648477G	Inf	4
80.64M	5.56956G	5.6502G	77.145M	5.571235G	5.648381G	Inf	5
80.4M	5.56968G	5.65008G	77.049M	5.571235G	5.648285G	Inf	6
80.88M	5.56944G	5.65032G	76.954M	5.571331G	5.648285G	Inf	7
80.4M	5.5698G	5.6502G	76.954M	5.571427G	5.648381G	Inf	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

5690MHz Straddle 5.47-5.725GHz

31/08/2020

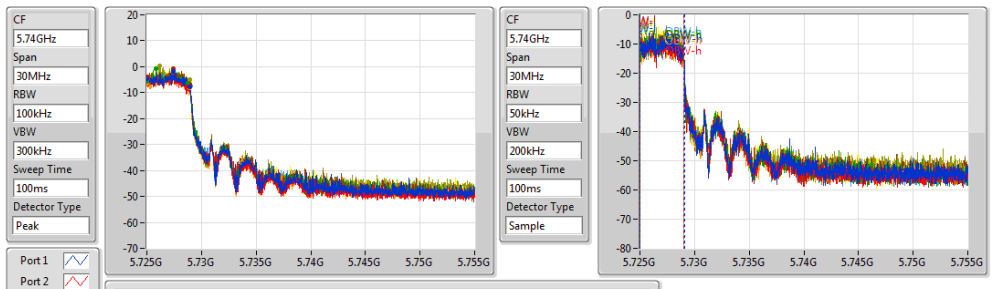


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.373M	5.649628G	5.725G	73.271M	5.651324G	5.724595G	Inf	1
77.069M	5.647931G	5.725G	73.197M	5.651397G	5.724595G	Inf	2
77.069M	5.647931G	5.725G	73.271M	5.651324G	5.724595G	Inf	3
75.151M	5.649849G	5.725G	73.05M	5.651397G	5.724447G	Inf	4
75.225M	5.649775G	5.725G	73.05M	5.651471G	5.724521G	Inf	5
75.963M	5.649038G	5.725G	73.271M	5.651324G	5.724595G	Inf	6
75.963M	5.649038G	5.725G	72.976M	5.651545G	5.724521G	Inf	7
75.963M	5.649038G	5.725G	73.123M	5.651471G	5.724595G	Inf	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

5690MHz Straddle 5.725-5.85GHz

31/08/2020

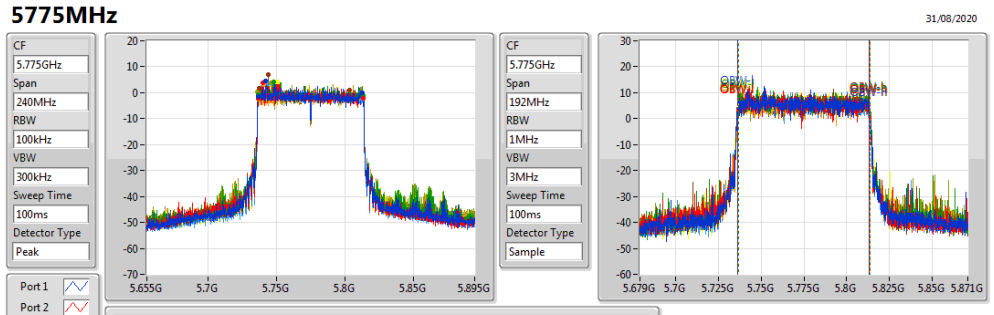


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.915M	5.725G	5.728915G	4.033M	5.725022G	5.729055G	500k	1
3.915M	5.725G	5.728915G	4.033M	5.725007G	5.72904G	500k	2
3.735M	5.725G	5.728735G	4.003M	5.725022G	5.729025G	500k	3
3.93M	5.725G	5.72893G	4.003M	5.725022G	5.729025G	500k	4
3.93M	5.725G	5.72893G	4.003M	5.725022G	5.729025G	500k	5
3.9M	5.725G	5.7289G	4.018M	5.725022G	5.72904G	500k	6
4.005M	5.725G	5.729005G	4.003M	5.725022G	5.729025G	500k	7
3.9M	5.725G	5.7289G	4.018M	5.725022G	5.72904G	500k	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

5775MHz

31/08/2020

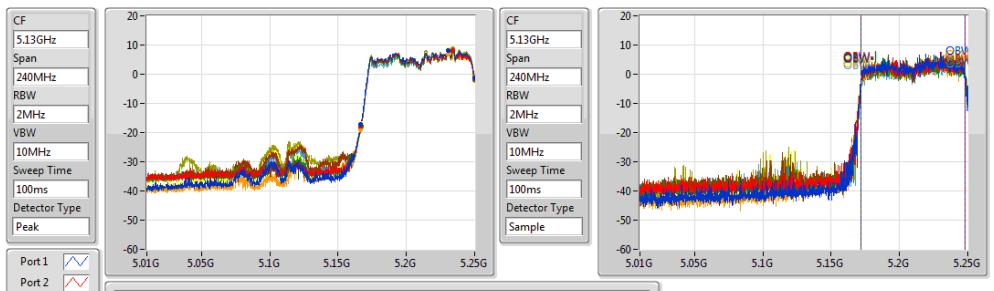


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.96M	5.73672G	5.81268G	77.049M	5.736427G	5.813477G	500k	1
76.68M	5.7366G	5.81328G	77.145M	5.736235G	5.813381G	500k	2
77.04M	5.73648G	5.81352G	77.049M	5.736523G	5.813573G	500k	3
77.16M	5.7366G	5.81376G	77.049M	5.736619G	5.813669G	500k	4
66.24M	5.73744G	5.80368G	77.049M	5.736427G	5.813477G	500k	5
77.04M	5.73612G	5.81316G	77.049M	5.736427G	5.813477G	500k	6
76.32M	5.7366G	5.81292G	76.858M	5.736331G	5.813189G	500k	7
77.04M	5.7366G	5.81364G	77.049M	5.736427G	5.813477G	500k	8

802.11ac VHT160-BF_Nss1,(MCS0)_8TX **EBW**

5250MHz Straddle 5.15-5.25GHz

01/09/2020

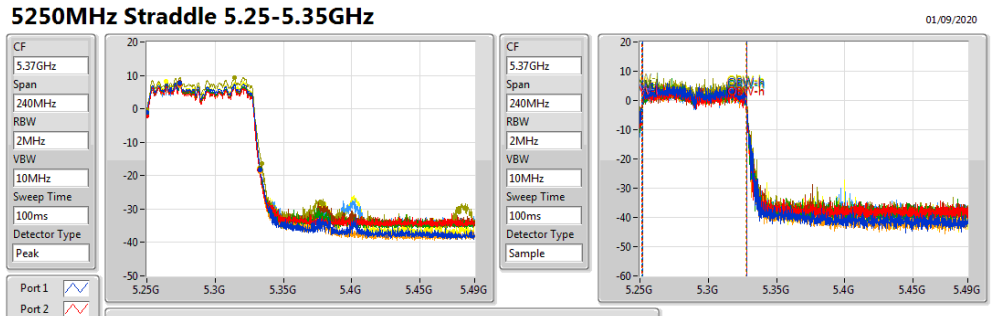


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.28M	5.16672G	5.25G	75.922M	5.172099G	5.248021G	Inf	1
83.4M	5.1666G	5.25G	75.922M	5.172099G	5.248021G	Inf	2
83.04M	5.16696G	5.25G	76.042M	5.172099G	5.248141G	Inf	3
83.28M	5.16672G	5.25G	76.162M	5.171979G	5.248141G	Inf	4
83.64M	5.16636G	5.25G	76.282M	5.171859G	5.248141G	Inf	5
83.28M	5.16672G	5.25G	76.042M	5.172099G	5.248141G	Inf	6
82.92M	5.16708G	5.25G	76.042M	5.172099G	5.248141G	Inf	7
83.04M	5.16696G	5.25G	76.042M	5.172099G	5.248141G	Inf	8

802.11ac VHT160-BF_Nss1,(MCS0)_8TX **EBW**

5250MHz Straddle 5.25-5.35GHz

01/09/2020

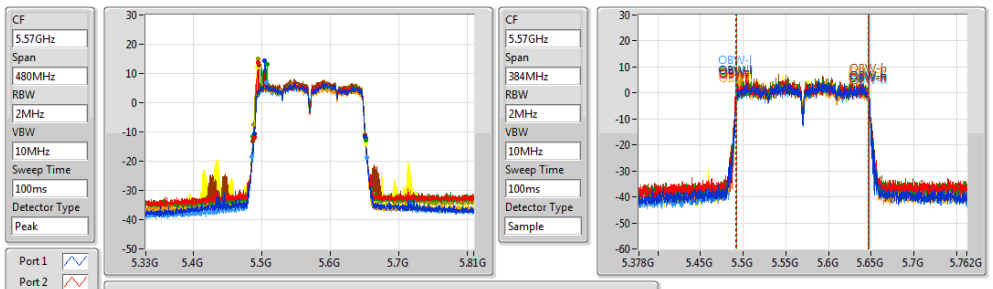


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.04M	5.25G	5.33304G	76.162M	5.251739G	5.327901G	Inf	1
82.32M	5.25G	5.33232G	76.402M	5.251499G	5.327901G	Inf	2
82.68M	5.25G	5.33268G	76.282M	5.251619G	5.327901G	Inf	3
82.8M	5.25G	5.3328G	76.162M	5.251619G	5.327781G	Inf	4
82.92M	5.25G	5.33292G	76.282M	5.251739G	5.328021G	Inf	5
84M	5.25G	5.334G	76.162M	5.251739G	5.327901G	Inf	6
82.92M	5.25G	5.33292G	76.402M	5.251619G	5.328021G	Inf	7
82.56M	5.25G	5.33256G	76.282M	5.251739G	5.328021G	Inf	8

802.11ac VHT160-BF_Nss1,(MCS0)_8TX **EBW**

5570MHz

31/08/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
162M	5.48864G	5.65064G	155.442M	5.491703G	5.647145G	Inf	1
162.48M	5.48888G	5.65136G	154.483M	5.492471G	5.646954G	Inf	2
164.88M	5.48672G	5.6516G	154.675M	5.492471G	5.647145G	Inf	3
162.24M	5.48888G	5.65112G	154.099M	5.492663G	5.646762G	Inf	4
164.88M	5.48696G	5.65184G	154.483M	5.492663G	5.647145G	Inf	5
162.72M	5.4884G	5.65112G	154.483M	5.492471G	5.646954G	Inf	6
168.24M	5.48528G	5.65352G	155.826M	5.491319G	5.647145G	Inf	7
164.16M	5.48816G	5.65232G	154.483M	5.492663G	5.647145G	Inf	8

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_8TX	27.71	0.59020
802.11ax HEW40_Nss1,(MCS0)_8TX	29.71	0.93541
802.11ax HEW80_Nss1,(MCS0)_8TX	27.38	0.54702
802.11ac VHT160_Nss1,(MCS0)_8TX	22.47	0.17660
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_8TX	21.86	0.15346
802.11ax HEW40_Nss1,(MCS0)_8TX	22.88	0.19409
802.11ax HEW80_Nss1,(MCS0)_8TX	23.15	0.20654
802.11ac VHT160_Nss1,(MCS0)_8TX	22.87	0.19364
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_8TX	22.40	0.17378
802.11ax HEW40_Nss1,(MCS0)_8TX	23.54	0.22594
802.11ax HEW80_Nss1,(MCS0)_8TX	23.36	0.21677
802.11ac VHT160_Nss1,(MCS0)_8TX	23.42	0.21979
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_8TX	28.67	0.73621
802.11ax HEW40_Nss1,(MCS0)_8TX	29.69	0.93111
802.11ax HEW80_Nss1,(MCS0)_8TX	29.42	0.87498

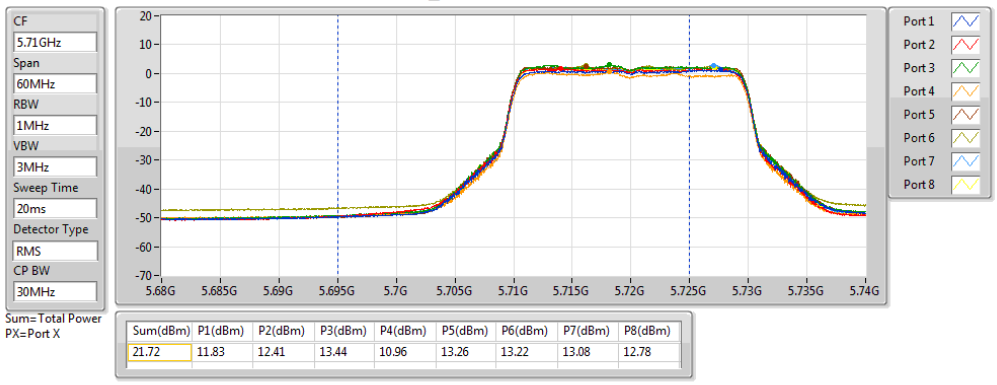
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.10	17.93	18.31	17.94	17.71	19.26	19.73	18.35	18.8	27.59	27.90
5200MHz	Pass	8.10	18.4	18.48	18.27	17.45	19	19.61	17.91	18.79	27.56	27.90
5240MHz	Pass	8.10	18.49	18.57	18.51	17.55	18.93	20	18.39	18.63	27.71	27.90
5260MHz	Pass	8.10	12.53	12.45	12.54	12.27	12.33	13.67	11.72	12.02	21.51	21.88
5300MHz	Pass	8.10	12.8	12.37	12.66	12.09	11.94	13.66	11.4	11.78	21.42	21.88
5320MHz	Pass	8.10	13.35	13	12.95	12.26	12.37	14.13	11.94	12.2	21.86	21.88
5500MHz	Pass	7.40	13.39	13.34	13.6	12.48	13.98	14.14	13	12.78	22.40	22.58
5580MHz	Pass	7.30	12.39	12.52	13.1	12.09	14.06	14.49	13.51	13.17	22.27	22.68
5700MHz	Pass	7.40	12.5	12.57	13.65	11.98	13.8	13.63	13.69	13.42	22.23	22.58
5720MHz Straddle 5.47-5.725GHz	Pass	7.40	11.83	12.41	13.44	10.96	13.26	13.22	13.08	12.78	21.72	22.58
5720MHz Straddle 5.725-5.85GHz	Pass	7.40	11.06	11.24	12.25	10.39	12.6	12.1	12.24	12.14	20.84	28.60
5745MHz	Pass	7.40	19.06	18.9	20.06	17.88	19.94	19.15	19.63	18.96	28.28	28.60
5785MHz	Pass	7.20	19.25	19.54	20.17	18.65	20.04	19.83	19.81	19.6	28.67	28.80
5825MHz	Pass	7.40	19.05	19.32	19.79	18.67	19.97	19.91	19.72	19.42	28.53	28.60
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00	17.86	17.62	17.22	16.97	18.29	18.93	17.73	17.96	26.89	30.00
5230MHz	Pass	6.00	21.01	19.3	20.6	18.98	21.33	21.42	20.67	21.4	29.71	30.00
5270MHz	Pass	6.80	14.24	12.16	13.84	12.95	14.57	14.62	13.28	14.51	22.88	23.18
5310MHz	Pass	6.80	14.35	12.68	13.25	12.65	14.06	15.12	13.1	14.12	22.78	23.18
5510MHz	Pass	6.40	14.41	13.08	14.52	12.51	14.82	15	13.89	14.61	23.21	23.58
5550MHz	Pass	6.30	14.34	13.2	14.58	12.81	15.15	15.28	13.66	14.78	23.34	23.68
5670MHz	Pass	6.40	14.13	13.33	13.93	12.88	15.02	15.23	13.19	14.79	23.17	23.58
5710MHz Straddle 5.47-5.725GHz	Pass	6.40	14.06	13.25	14.71	13.23	15.62	15.24	14.13	15.19	23.54	23.58
5710MHz Straddle 5.725-5.85GHz	Pass	6.40	5.33	4.22	5.32	4.63	6.64	6.25	4.99	5.69	14.48	29.60
5755MHz	Pass	6.30	20.89	19.84	20.86	19.31	21.68	21.21	20.33	20.68	29.69	29.70
5795MHz	Pass	6.30	20.41	19.38	20.47	19.1	21.17	21.15	20.31	20.47	29.39	29.70
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00	18.39	17.94	17.93	17.34	18.43	19.48	18.18	18.78	27.38	30.00
5290MHz	Pass	6.80	14.97	12.74	14.12	13.2	14.03	15.07	13.43	14.77	23.15	23.18
5530MHz	Pass	6.40	14.37	13.28	14.55	12.92	15.18	15.32	14.14	14.3	23.36	23.58
5610MHz	Pass	6.30	13.96	12.72	14.5	12.8	14.77	15.21	14.36	14.86	23.26	23.68
5690MHz Straddle 5.47-5.725GHz	Pass	6.40	13.97	13.12	13.84	12.88	15.06	15.19	14	14.67	23.19	23.58
5690MHz Straddle 5.725-5.85GHz	Pass	6.40	1.4	-0.03	1	0.8	2.43	2.31	0.83	1.73	10.41	29.60
5775MHz	Pass	6.30	20.95	19.59	20.94	18.64	21.02	20.69	19.94	20.78	29.42	29.70
802.11ac VHT160_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.80	14.09	12.41	13.27	12.62	13.6	14.75	12.66	13.6	22.47	29.20
5250MHz Straddle 5.25-5.35GHz	Pass	6.80	14.26	12.77	13.52	12.5	14.03	14.82	13.54	14.68	22.87	23.18
5570MHz	Pass	6.30	14.14	13	14.51	12.99	15.28	15.43	14.33	14.79	23.42	23.68

DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20_Nss1,(MCS0)_8TX **AV Power**

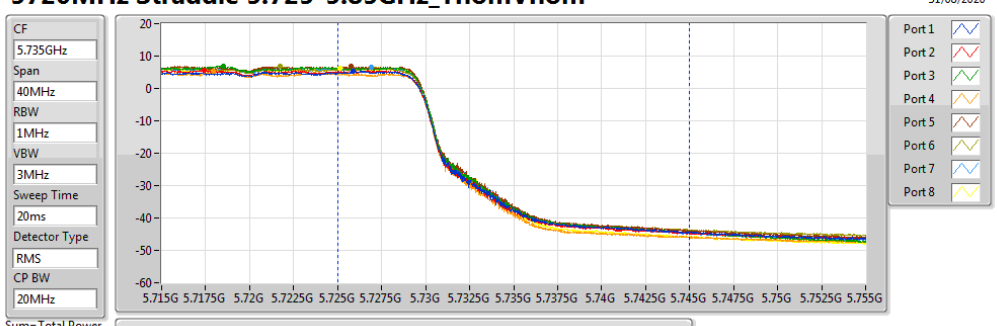
5720MHz Straddle 5.47-5.725GHz_TnomVnom 31/08/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
21.72	11.83	12.41	13.44	10.96	13.26	13.22	13.08	12.78

802.11ax HEW20_Nss1,(MCS0)_8TX **AV Power**

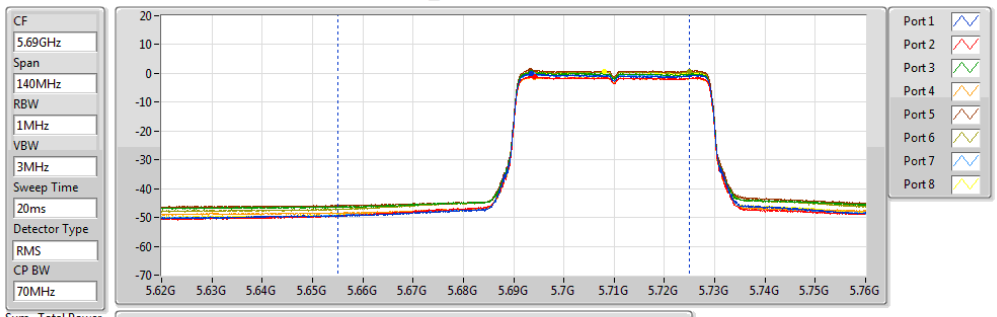
5720MHz Straddle 5.725-5.85GHz_TnomVnom 31/08/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
20.84	11.06	11.24	12.25	10.39	12.60	12.10	12.24	12.14

802.11ax HEW40_Nss1,(MCS0)_8TX **AV Power**

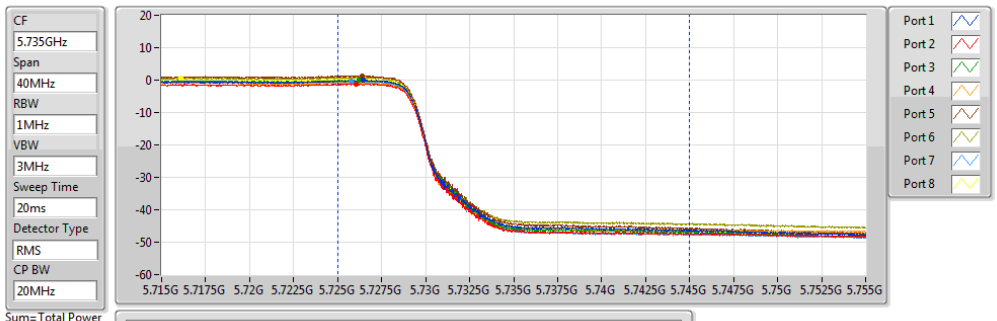
5710MHz Straddle 5.47-5.725GHz_TnomVnom 03/09/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
23.54	14.06	13.25	14.71	13.23	15.62	15.24	14.13	15.19

802.11ax HEW40_Nss1,(MCS0)_8TX **AV Power**

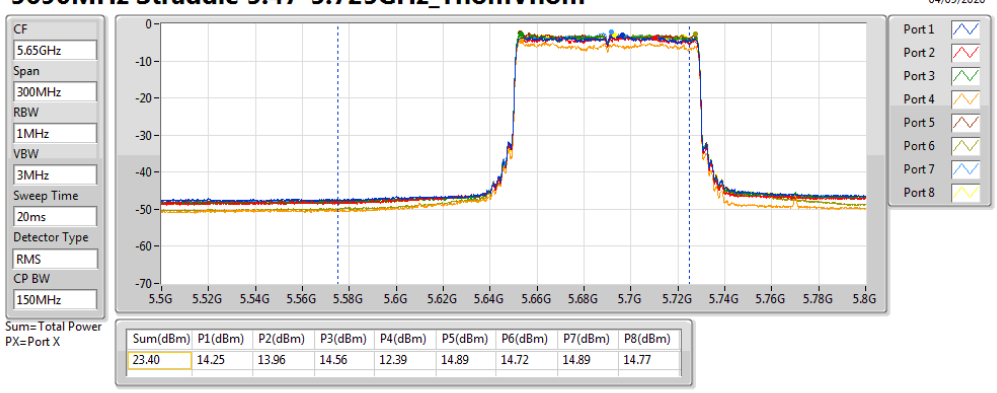
5710MHz Straddle 5.725-5.85GHz_TnomVnom 03/09/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
14.48	5.33	4.22	5.32	4.63	6.64	6.25	4.99	5.69

802.11ax HEW80_Nss1,(MCS0)_8TX **AV Power**

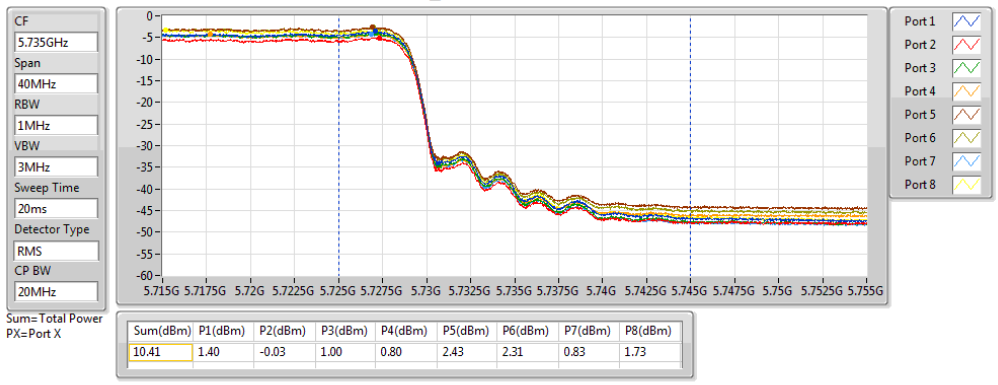
5690MHz Straddle 5.47-5.725GHz_TnomVnom 04/09/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
23.40	14.25	13.96	14.56	12.39	14.89	14.72	14.89	14.77

802.11ax HEW80_Nss1,(MCS0)_8TX **AV Power**

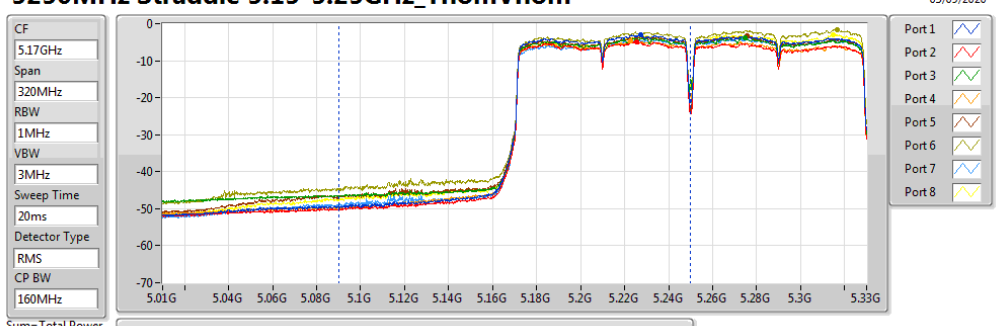
5690MHz Straddle 5.725-5.85GHz_TnomVnom 03/09/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
10.41	1.40	-0.03	1.00	0.80	2.43	2.31	0.83	1.73

802.11ac VHT160_Nss1,(MCS0)_8TX **AV Power**

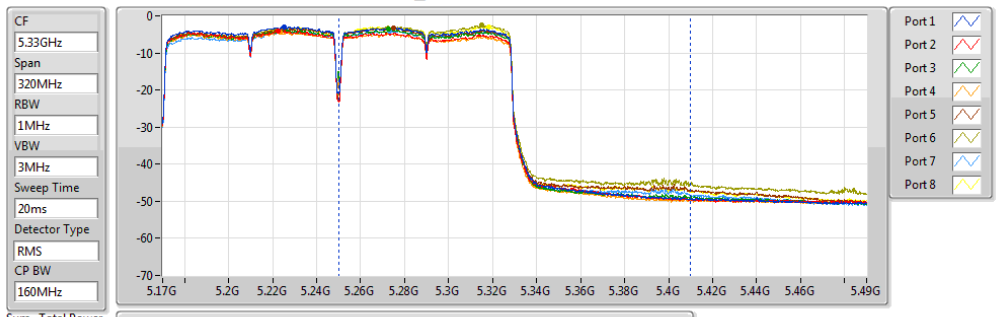
5250MHz Straddle 5.15-5.25GHz_TnomVnom 03/09/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
22.47	14.09	12.41	13.27	12.62	13.60	14.75	12.66	13.60

802.11ac VHT160_Nss1,(MCS0)_8TX **AV Power**

5250MHz Straddle 5.25-5.35GHz_TnomVnom 03/09/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
22.87	14.26	12.77	13.52	12.50	14.03	14.82	13.54	14.68

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	27.09	0.51168
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	27.71	0.59020
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	27.58	0.57280
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	27.38	0.54702
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	20.32	0.10765
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	21.23	0.13274
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	21.86	0.15346
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	21.86	0.15346
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	21.58	0.14388
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	20.99	0.12560
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	22.07	0.16106
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	22.40	0.17378
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	22.57	0.18072
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	22.43	0.17498
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	22.40	0.17378
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	28.72	0.74473
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	28.67	0.73621
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	28.66	0.73451
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	28.31	0.67764

Result

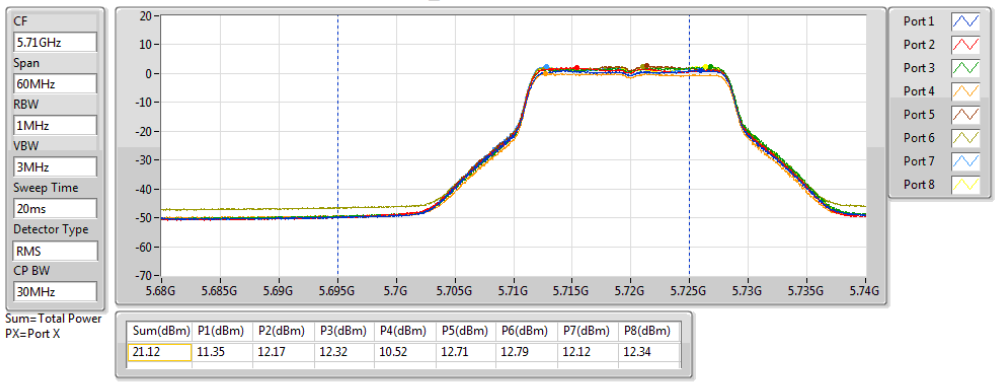
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.10	17.90	17.72	17.56	17.03	18.16	19.48	17.85	18.37	27.09	27.90
5200MHz	Pass	8.10	17.59	17.49	17.47	16.89	17.76	19.26	17.83	18.07	26.88	27.90
5240MHz	Pass	8.10	17.38	17.82	17.44	17.21	17.77	19.66	17.92	18.22	27.02	27.90
5260MHz	Pass	8.10	11.71	11.65	11.42	11.25	11.24	13.29	11.18	11.70	20.76	21.88
5300MHz	Pass	8.10	11.86	11.84	11.45	10.93	10.90	13.03	11.09	11.50	20.66	21.88
5320MHz	Pass	8.10	12.30	12.25	11.71	11.54	11.78	13.86	11.66	12.01	21.23	21.88
5500MHz	Pass	7.40	12.43	12.67	11.58	11.52	12.77	13.97	12.29	12.41	21.55	22.58
5580MHz	Pass	7.30	11.94	12.71	12.38	11.97	13.76	14.27	13.35	13.31	22.07	22.68
5700MHz	Pass	7.40	12.19	12.65	12.85	10.95	13.36	13.27	12.95	13.09	21.75	22.58
5720MHz Straddle 5.47-5.725GHz	Pass	7.40	11.35	12.17	12.32	10.52	12.71	12.79	12.12	12.34	21.12	21.59
5720MHz Straddle 5.725-5.85GHz	Pass	7.40	7.48	7.46	8.67	6.45	8.40	8.19	8.11	8.19	16.95	28.60
5745MHz	Pass	7.40	19.35	19.27	19.86	17.78	20.05	19.71	19.33	19.35	28.41	28.60
5785MHz	Pass	7.20	19.55	19.88	20.12	17.90	20.12	19.99	19.69	19.91	28.72	28.80
5825MHz	Pass	7.40	19.33	19.58	19.92	17.87	20.21	20.08	19.37	19.51	28.56	28.60
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.10	17.93	18.31	17.94	17.71	19.26	19.73	18.35	18.80	27.59	27.90
5200MHz	Pass	8.10	18.40	18.48	18.27	17.45	19.00	19.61	17.91	18.79	27.56	27.90
5240MHz	Pass	8.10	18.49	18.57	18.51	17.55	18.93	20.00	18.39	18.63	27.71	27.90
5260MHz	Pass	8.10	12.53	12.45	12.54	12.27	12.33	13.67	11.72	12.02	21.51	21.88
5300MHz	Pass	8.10	12.80	12.37	12.66	12.09	11.94	13.66	11.40	11.78	21.42	21.88
5320MHz	Pass	8.10	13.35	13.00	12.95	12.26	12.37	14.13	11.94	12.20	21.86	21.88
5500MHz	Pass	7.40	13.39	13.34	13.60	12.48	13.98	14.14	13.00	12.78	22.40	22.58
5580MHz	Pass	7.30	12.39	12.52	13.10	12.09	14.06	14.49	13.51	13.17	22.27	22.68
5700MHz	Pass	7.40	12.50	12.57	13.65	11.98	13.80	13.63	13.69	13.42	22.23	22.58
5720MHz Straddle 5.47-5.725GHz	Pass	7.40	11.83	12.41	13.44	10.96	13.26	13.22	13.08	12.78	21.72	21.72
5720MHz Straddle 5.725-5.85GHz	Pass	7.40	11.06	11.24	12.25	10.39	12.60	12.10	12.24	12.14	20.84	28.60
5745MHz	Pass	7.40	19.06	18.90	20.06	17.88	19.94	19.15	19.63	18.96	28.28	28.60
5785MHz	Pass	7.20	19.25	19.54	20.17	18.65	20.04	19.83	19.81	19.60	28.67	28.80
5825MHz	Pass	7.40	19.05	19.32	19.79	18.67	19.97	19.91	19.72	19.42	28.53	28.60
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.10	17.86	17.62	17.22	16.97	18.29	18.93	17.73	17.96	26.89	27.90
5230MHz	Pass	8.10	18.37	17.72	18.23	17.78	18.70	20.00	18.51	18.69	27.58	27.90
5270MHz	Pass	8.10	12.77	12.76	12.46	12.31	12.69	14.28	12.26	12.73	21.86	21.88
5310MHz	Pass	8.10	13.09	13.08	12.38	12.09	12.34	14.13	11.98	12.36	21.77	21.88
5510MHz	Pass	7.40	13.87	13.66	13.95	12.36	13.66	14.22	13.44	12.84	22.57	22.58
5550MHz	Pass	7.40	13.04	13.38	13.70	12.58	14.02	14.10	13.50	13.06	22.48	22.58
5670MHz	Pass	7.40	12.79	13.04	13.35	11.95	14.06	14.11	13.31	13.38	22.33	22.58
5710MHz Straddle 5.47-5.725GHz	Pass	7.40	11.44	11.87	13.53	11.56	12.59	12.83	11.73	12.48	21.34	22.58
5710MHz Straddle 5.725-5.85GHz	Pass	7.40	3.84	3.63	4.85	3.22	4.79	4.80	4.35	4.35	13.30	28.60
5755MHz	Pass	7.20	19.46	19.49	20.35	18.98	19.52	18.95	18.95	18.70	28.36	28.80
5795MHz	Pass	7.20	19.35	19.53	20.19	19.10	19.92	19.86	19.40	19.58	28.66	28.80
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.10	18.39	17.94	17.93	17.34	18.43	19.48	18.18	18.78	27.38	27.90
5290MHz	Pass	8.10	12.96	12.54	12.26	11.99	12.17	13.92	11.95	12.26	21.58	21.88
5530MHz	Pass	7.40	13.44	13.05	13.16	12.06	13.77	14.13	13.50	13.15	22.35	22.58
5610MHz	Pass	7.30	12.97	12.64	13.46	11.64	14.14	14.27	13.76	13.75	22.43	22.68
5690MHz Straddle 5.47-5.725GHz	Pass	7.40	12.62	12.63	13.26	12.44	13.83	13.74	13.79	13.87	22.34	22.58
5690MHz Straddle 5.725-5.85GHz	Pass	7.40	0.19	-0.34	0.65	-0.68	1.10	1.77	0.88	1.29	9.71	28.60
5775MHz	Pass	7.20	19.22	19.20	19.94	18.82	19.35	19.19	18.88	19.51	28.31	28.80
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.10	11.86	11.25	10.80	10.71	11.10	12.15	10.42	11.71	20.32	27.90
5250MHz Straddle 5.25-5.35GHz	Pass	8.10	12.06	11.24	11.23	11.43	11.64	13.59	11.29	12.60	20.99	21.88
5570MHz	Pass	7.30	12.33	13.41	12.81	12.13	14.39	14.46	12.67	14.04	22.40	22.68

DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_8TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TnomVnom

31/08/2020

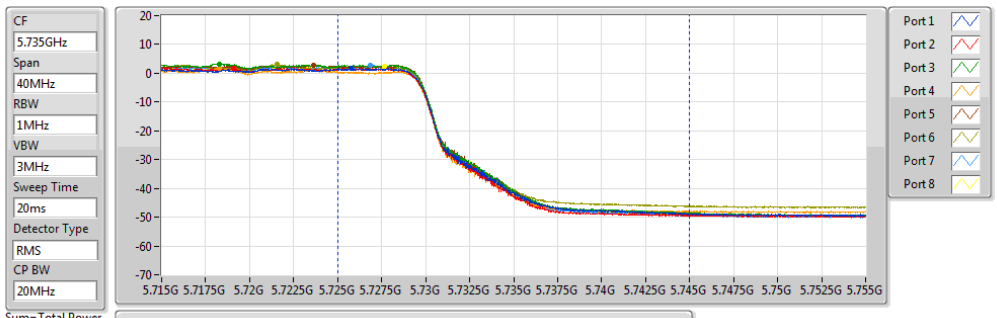


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
21.12	11.35	12.17	12.32	10.52	12.71	12.79	12.12	12.34

802.11a_Nss1,(6Mbps)_8TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TnomVnom

31/08/2020

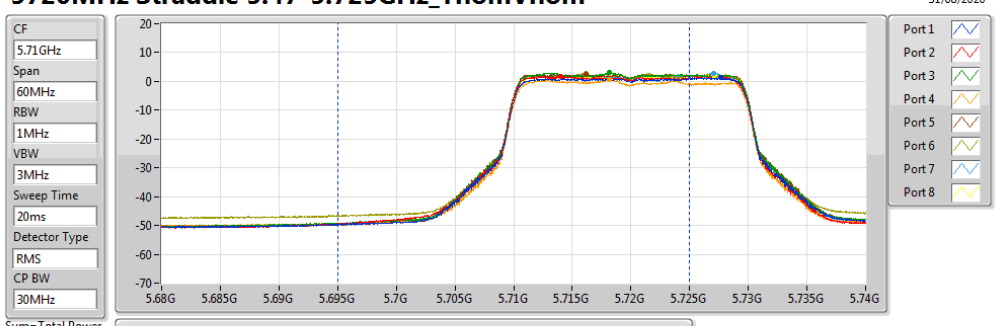


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
16.95	7.48	7.46	8.67	6.45	8.40	8.19	8.11	8.19

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TnomVnom

31/08/2020

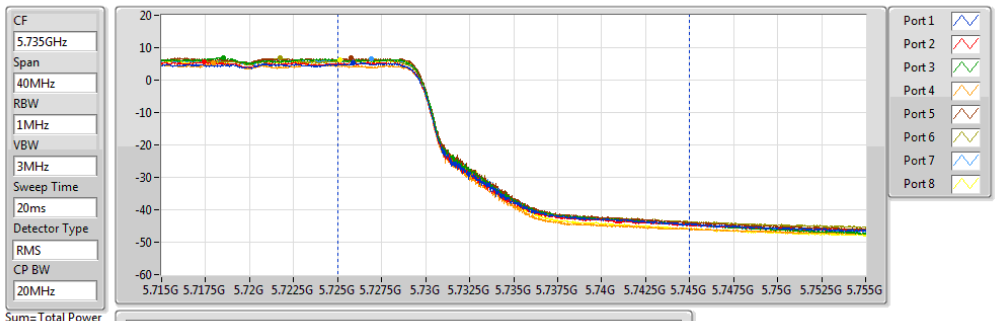


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
21.72	11.83	12.41	13.44	10.96	13.26	13.22	13.08	12.78

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TnomVnom

31/08/2020

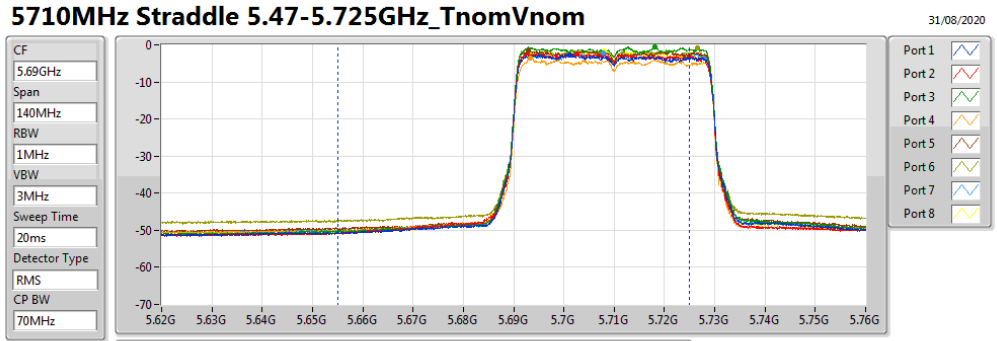


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
20.84	11.06	11.24	12.25	10.39	12.60	12.10	12.24	12.14

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TnomVnom

31/08/2020

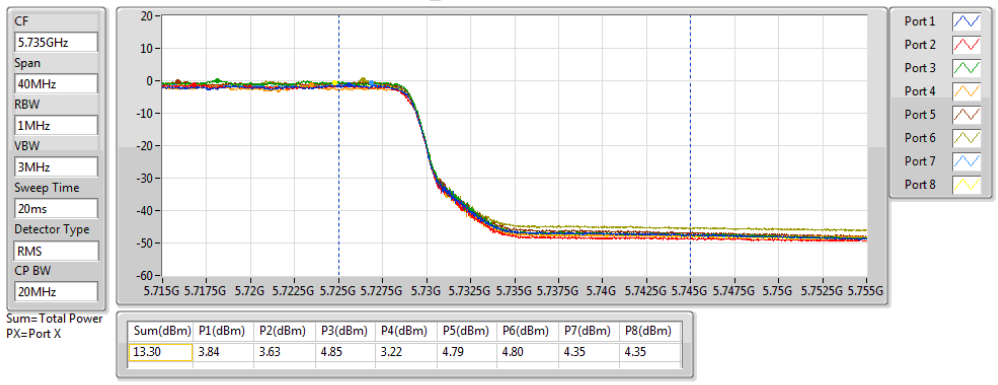


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
21.21	11.44	11.87	13.53	10.20	12.59	12.83	11.73	12.48

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TnomVnom

31/08/2020

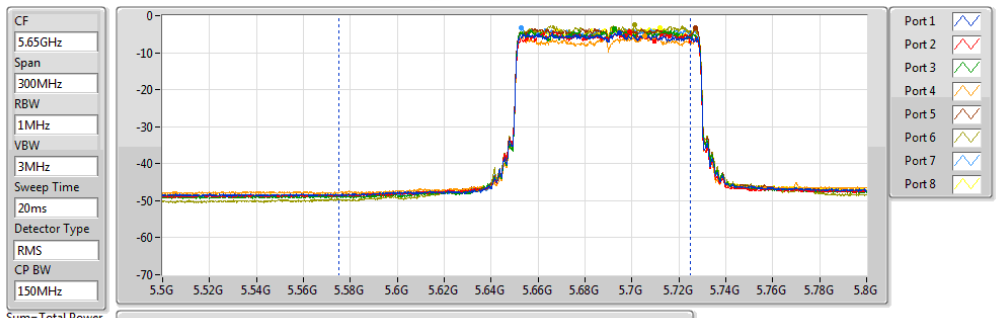


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
13.30	3.84	3.63	4.85	3.22	4.79	4.80	4.35	4.35

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TnomVnom

31/08/2020

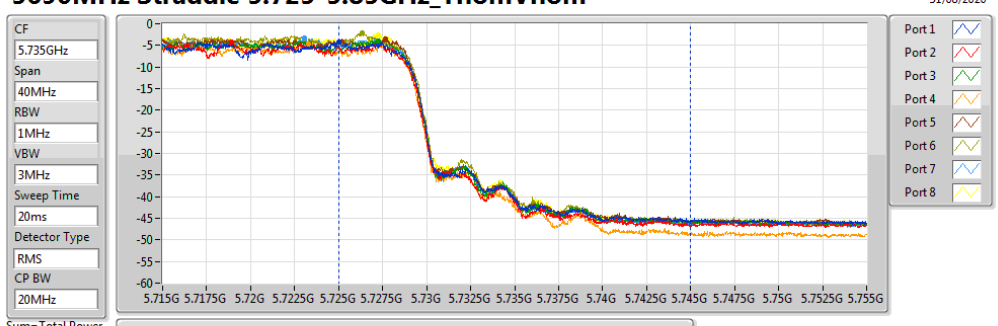


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
22.34	12.62	12.63	13.26	11.44	13.83	14.32	13.79	13.87

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TnomVnom

31/08/2020

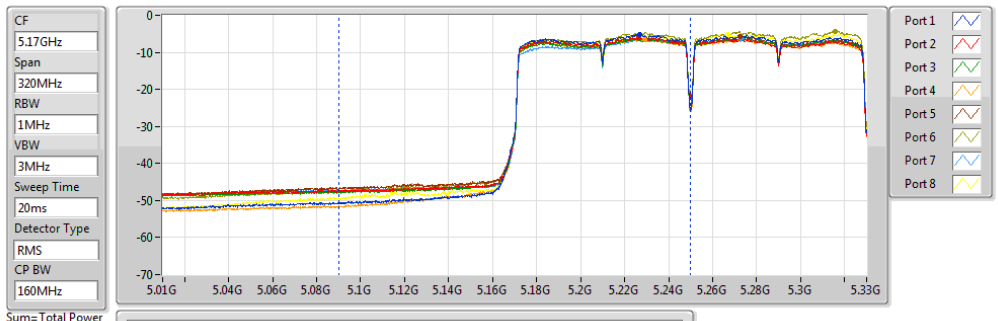


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
9.71	0.19	-0.34	0.65	-0.68	1.10	1.77	0.88	1.29

802.11ac VHT160-BF_Nss1,(MCS0)_8TX **AV Power**

5250MHz Straddle 5.15-5.25GHz_TnomVnom

01/09/2020

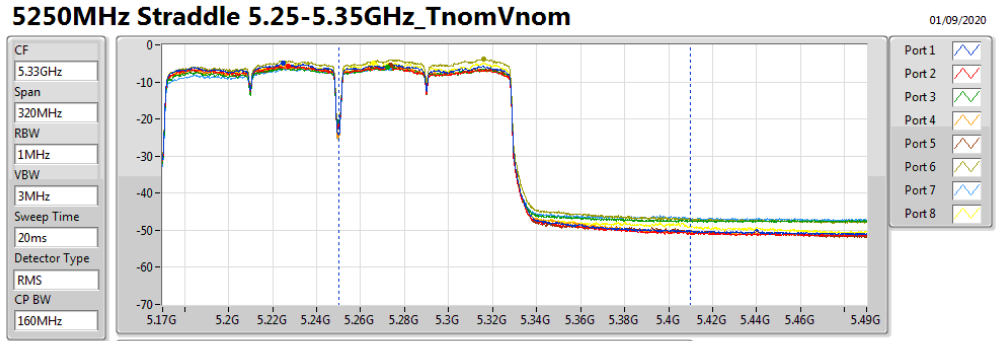


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
20.32	11.86	11.25	10.80	10.71	11.10	12.15	10.42	11.71

802.11ac VHT160-BF_Nss1,(MCS0)_8TX **AV Power**

5250MHz Straddle 5.25-5.35GHz_TnomVnom

01/09/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
20.99	12.06	11.24	11.23	11.43	11.64	13.59	11.29	12.60

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss1,(MCS0)_8TX	14.2
802.11ax HEW40_Nss1,(MCS0)_8TX	13.78
802.11ax HEW80_Nss1,(MCS0)_8TX	6.21
802.11ac VHT160_Nss1,(MCS0)_8TX	3.71
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_8TX	8.55
802.11ax HEW40_Nss1,(MCS0)_8TX	6.83
802.11ax HEW80_Nss1,(MCS0)_8TX	4.26
802.11ac VHT160_Nss1,(MCS0)_8TX	3.91
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_8TX	9.12
802.11ax HEW40_Nss1,(MCS0)_8TX	7.52
802.11ax HEW80_Nss1,(MCS0)_8TX	4.23
802.11ac VHT160_Nss1,(MCS0)_8TX	1.84
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_8TX	13.5
802.11ax HEW40_Nss1,(MCS0)_8TX	12
802.11ax HEW80_Nss1,(MCS0)_8TX	8.78

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

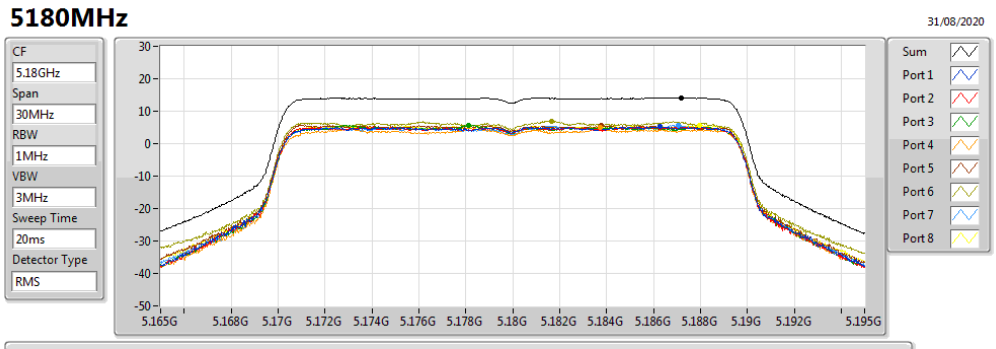
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.10	5.24	5.11	5.66	4.88	5.69	7.01	5.66	5.71	14.11	14.90
5200MHz	Pass	8.10	4.81	4.74	5.23	4.56	5.51	6.57	5.44	5.21	13.79	14.90
5240MHz	Pass	8.10	5.17	5.35	5.94	4.65	5.73	7.57	5.8	5.32	14.20	14.90
5260MHz	Pass	8.10	-0.5	-0.47	0.2	-0.19	-0.62	1.11	-0.72	-1.1	8.21	8.90
5300MHz	Pass	8.10	-0.12	-0.42	0.12	-0.86	-1.54	0.98	-1.04	-1.38	7.96	8.90
5320MHz	Pass	8.10	0.35	-0.1	0.45	0.06	-0.7	1.77	-0.45	-0.89	8.55	8.90
5500MHz	Pass	7.40	0.15	0.42	1.22	-0.02	0.91	1.31	0.65	-0.48	9.00	9.60
5580MHz	Pass	7.30	-0.51	-0.25	0.75	-0.93	1.21	1.82	1.17	0.29	8.94	9.70
5700MHz	Pass	7.40	-0.64	-0.48	1.19	-1.41	0.67	0.99	1.22	0.58	8.75	9.60
5720MHz Straddle 5.47-5.725GHz	Pass	7.40	-0.77	0.25	1.93	-0.69	1.06	1.43	0.92	0.53	9.12	9.60
5720MHz Straddle 5.725-5.85GHz	Pass	7.40	2.2	2.63	3.58	1.56	4.12	3.9	4.13	3.24	11.86	28.60
5745MHz	Pass	7.40	4.81	4.2	6.19	3.96	5.78	5.77	5.64	4.85	13.50	28.60
5785MHz	Pass	7.20	4.29	4.76	5.98	4.5	5.54	5.55	5.56	4.72	13.46	28.80
5825MHz	Pass	7.40	4.48	4.4	6.18	4.78	5.86	5.85	5.58	4.98	13.46	28.60
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.10	-1.31	-2.22	-1.03	-3.59	-0.75	0.7	-1.12	-0.67	7.85	14.90
5230MHz	Pass	8.10	4.8	3.21	4.53	3.03	5.77	6.36	4.73	5.56	13.78	14.90
5270MHz	Pass	8.10	-1.87	-3.61	-2.33	-3	-1.4	-0.52	-2.9	-1.45	6.83	8.90
5310MHz	Pass	8.10	-1.92	-3.44	-2.93	-3.56	-2.1	-0.5	-2.91	-1.93	6.63	8.90
5510MHz	Pass	7.40	-1.84	-3.04	-1.6	-3.33	-0.95	-0.51	-2.3	-1.48	7.13	9.60
5550MHz	Pass	7.40	-1.97	-2.77	-1.64	-3.13	-0.2	-0.4	-2.52	-1.07	7.24	9.60
5670MHz	Pass	7.40	-2.29	-2.93	-2.39	-4.19	-0.59	-0.65	-2.2	-1.26	7.00	9.60
5710MHz Straddle 5.47-5.725GHz	Pass	7.40	-1.63	-2.55	-1.37	-2.97	-0.35	-0.73	-1.68	-0.91	7.52	9.60
5710MHz Straddle 5.725-5.85GHz	Pass	7.40	-3.08	-4.12	-3.01	-3.76	-1.73	-2.06	-3.38	-2.68	6.05	28.60
5755MHz	Pass	7.20	3.43	2.11	3.26	1.85	4.34	3.75	2.78	3.48	12.00	28.80
5795MHz	Pass	7.20	2.69	1.88	2.88	1.43	3.33	3.59	2.63	2.62	11.50	28.80
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.10	-2.71	-2.96	-3.18	-3.36	-2.14	-0.77	-2	-1.76	6.21	14.90
5290MHz	Pass	8.10	-3.95	-6.07	-4.92	-5.59	-4.93	-2.67	-5.38	-4.18	4.26	8.90
5530MHz	Pass	7.40	-4.82	-5.61	-4.73	-6.36	-3.53	-3.27	-5.13	-4.36	4.14	9.60
5610MHz	Pass	7.30	-5.13	-6.07	-4.73	-6.89	-3.48	-2.96	-4.86	-4.37	4.23	9.70
5690MHz Straddle 5.47-5.725GHz	Pass	7.40	-5.24	-5.72	-5.35	-6.23	-4.35	-4.11	-5.38	-4.52	3.79	9.60
5690MHz Straddle 5.725-5.85GHz	Pass	7.40	-6.64	-7.99	-6.96	-7.18	-5.53	-5.72	-7.18	-6.29	2.28	28.60
5775MHz	Pass	7.20	0.87	-0.11	0.64	-1.7	0.74	0.51	-0.66	0.37	8.78	28.80
802.11ac VHT160_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.10	-4.65	-6.44	-5.54	-6.18	-5.14	-3.79	-5.89	-4.82	3.71	14.90
5250MHz Straddle 5.25-5.35GHz	Pass	8.10	-4.66	-6.02	-5.25	-6.2	-4.61	-3.97	-5.46	-4.18	3.91	8.90
5570MHz	Pass	7.30	-7.14	-8.17	-6.85	-8.02	-6.02	-6.27	-7.14	-6.71	1.84	9.70

DG = Directional Gain; For UNII-1, UNII-2A and UNII-2C, **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

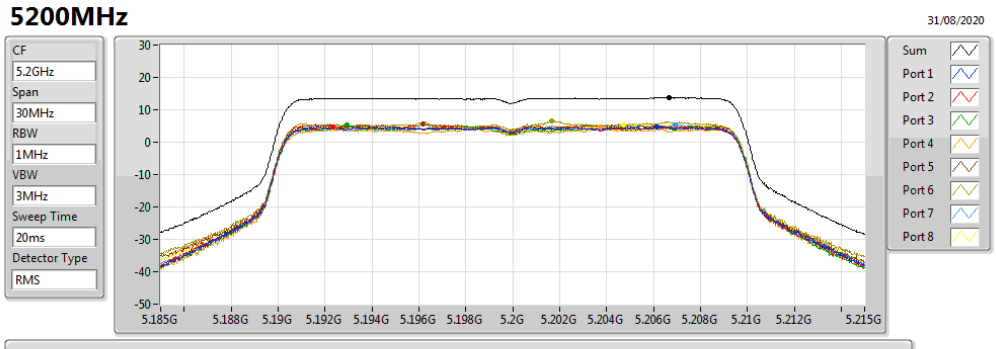
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.11	14.11	5.24	5.11	5.66	4.88	5.69	7.01	5.66	5.71

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

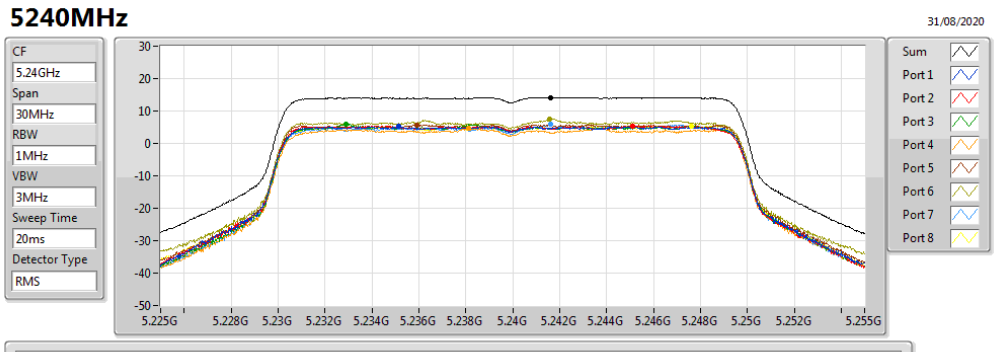
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.79	13.79	4.81	4.74	5.23	4.56	5.51	6.57	5.44	5.21

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

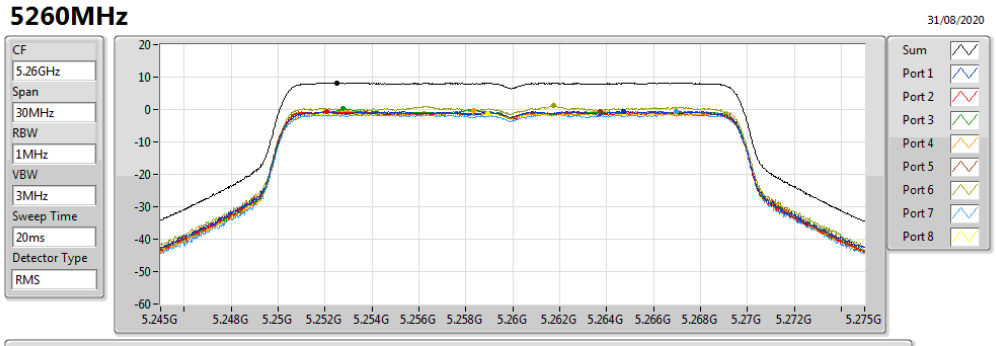
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.20	14.20	5.17	5.35	5.94	4.65	5.73	7.57	5.80	5.32

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

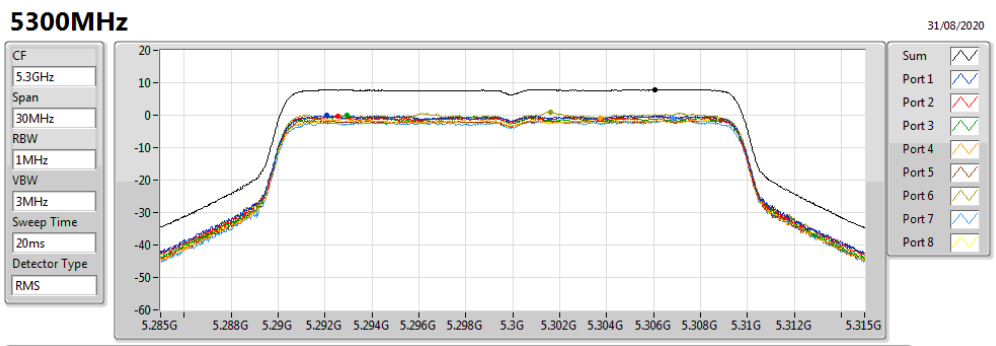
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	-0.50	-0.47	0.20	-0.19	-0.62	1.11	-0.72	-1.10

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

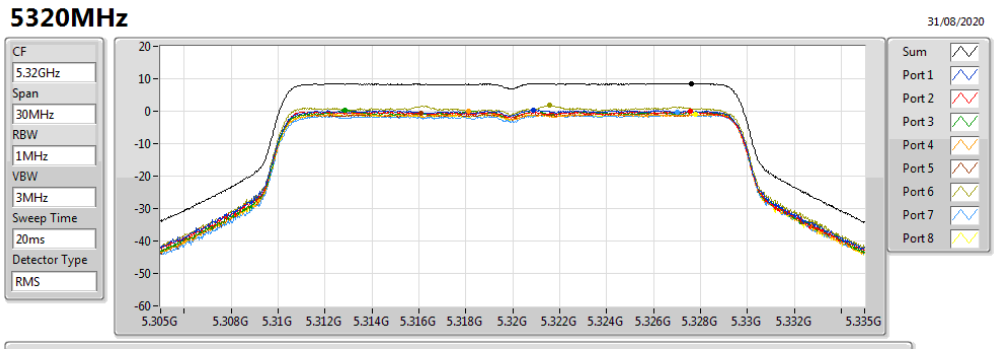
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	-0.12	-0.42	0.12	-0.86	-1.54	0.98	-1.04	-1.38

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

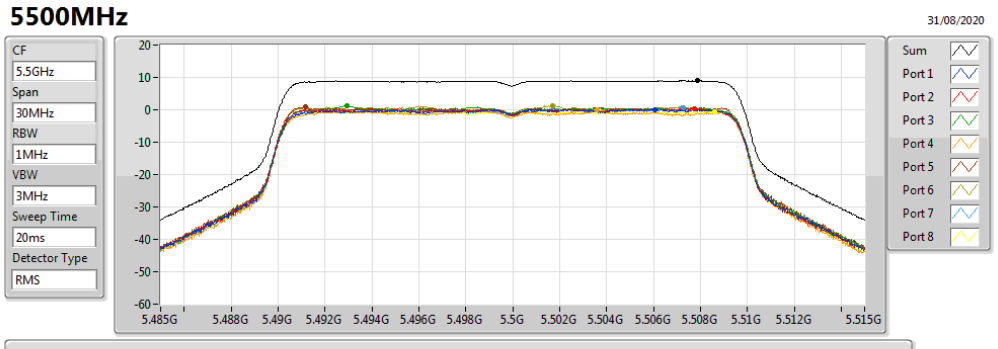
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	0.35	-0.10	0.45	0.06	-0.70	1.77	-0.45	-0.89

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

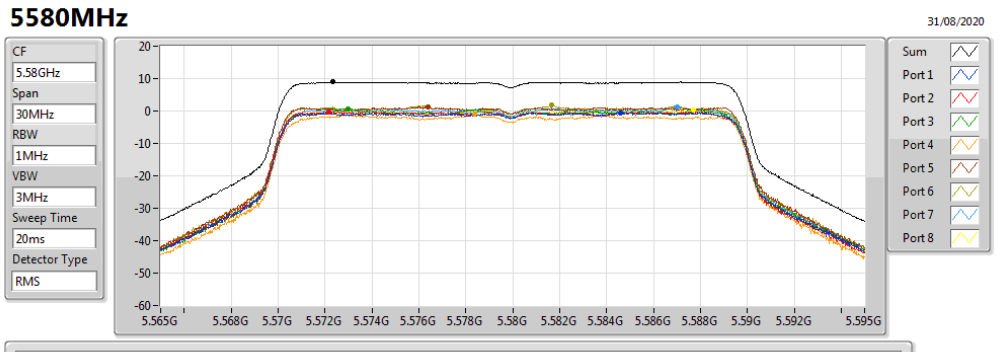
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.00	9.00	0.15	0.42	1.22	-0.02	0.91	1.31	0.65	-0.48

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

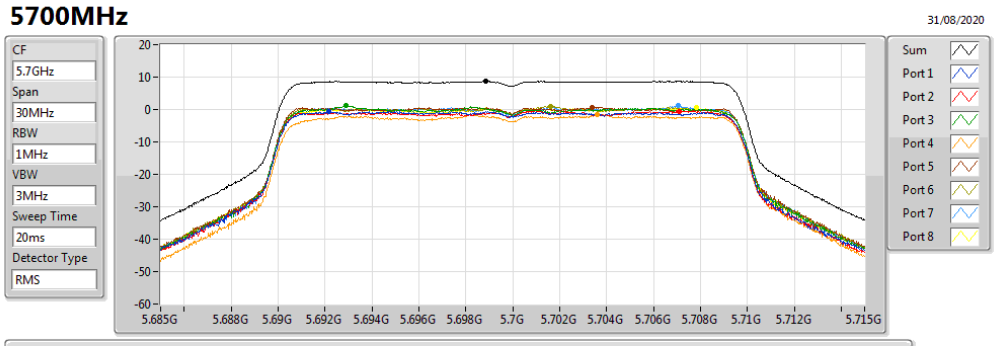
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.94	8.94	-0.51	-0.25	0.75	-0.93	1.21	1.82	1.17	0.29

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

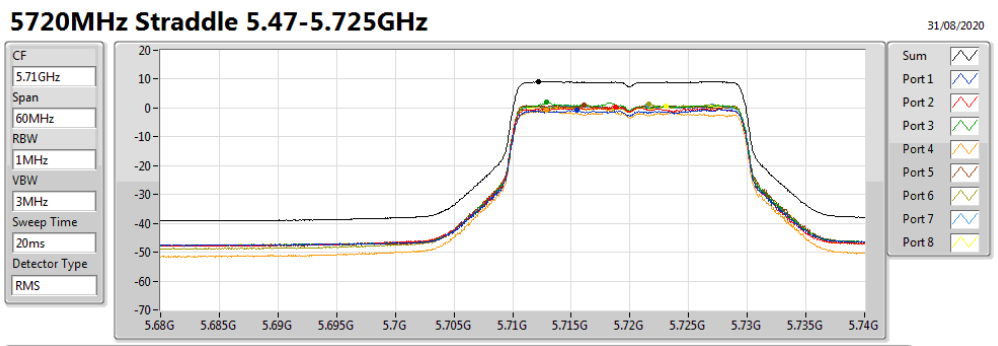
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	-0.64	-0.48	1.19	-1.41	0.67	0.99	1.22	0.58

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

5720MHz Straddle 5.47-5.725GHz

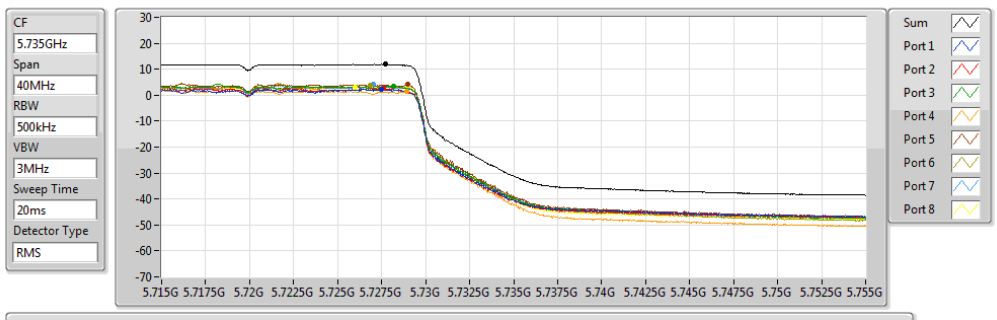


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.12	9.12	-0.77	0.25	1.93	-0.69	1.06	1.43	0.92	0.53

802.11ax HEW20_Nss1,(MCS0)_8TX — PSD

5720MHz Straddle 5.725-5.85GHz

31/08/2020

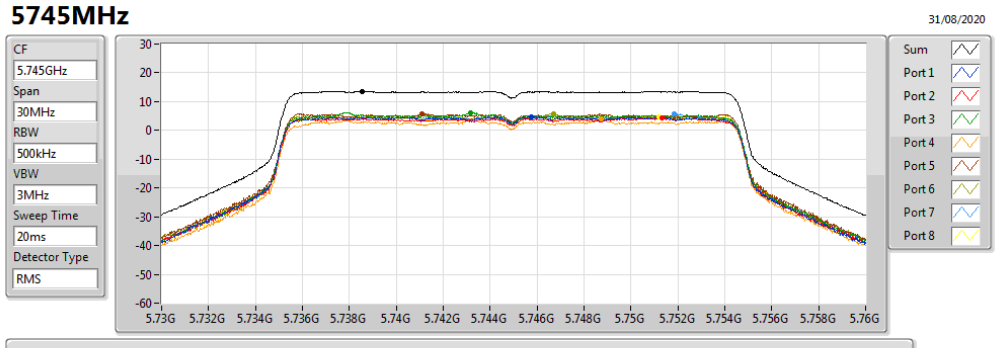


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.86	11.86	2.20	2.63	3.58	1.56	4.12	3.90	4.13	3.24

802.11ax HEW20_Nss1,(MCS0)_8TX — PSD

5745MHz

31/08/2020

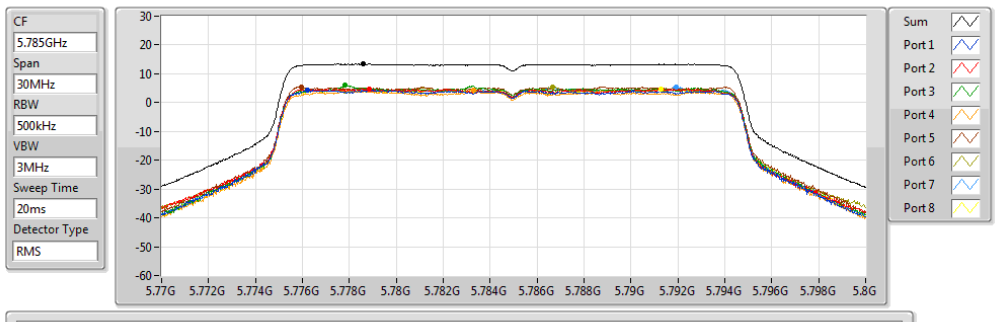


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	4.81	4.20	6.19	3.96	5.78	5.77	5.64	4.85

802.11ax HEW20_Nss1,(MCS0)_8TX — PSD

5785MHz

31/08/2020

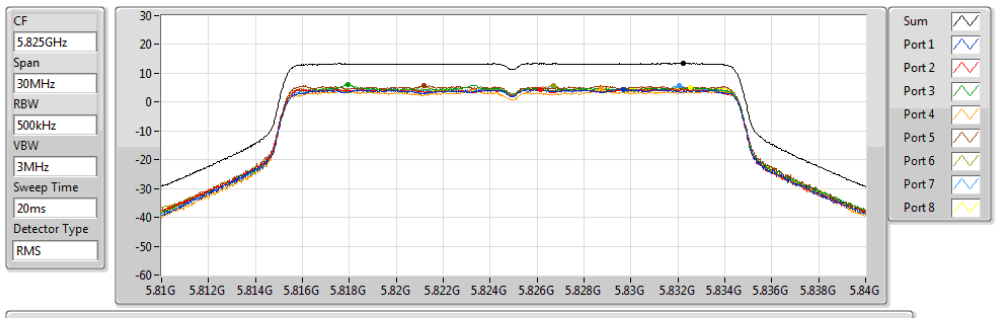


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.46	13.46	4.29	4.76	5.98	4.50	5.54	5.55	5.56	4.72

802.11ax HEW20_Nss1,(MCS0)_8TX — PSD

5825MHz

31/08/2020

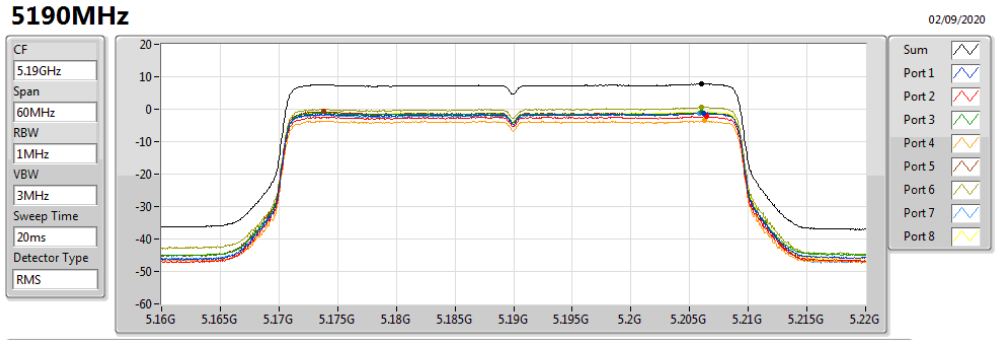


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.46	13.46	4.48	4.40	6.18	4.78	5.86	5.85	5.58	4.98

802.11ax HEW40_Nss1,(MCS0)_8TX — PSD

5190MHz

02/09/2020

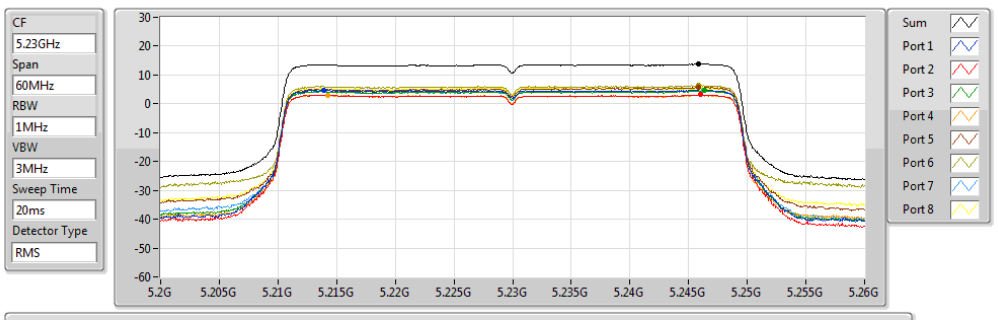


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	-1.31	-2.22	-1.03	-3.59	-0.75	0.70	-1.12	-0.67

802.11ax HEW40_Nss1,(MCS0)_8TX — PSD

5230MHz

03/09/2020

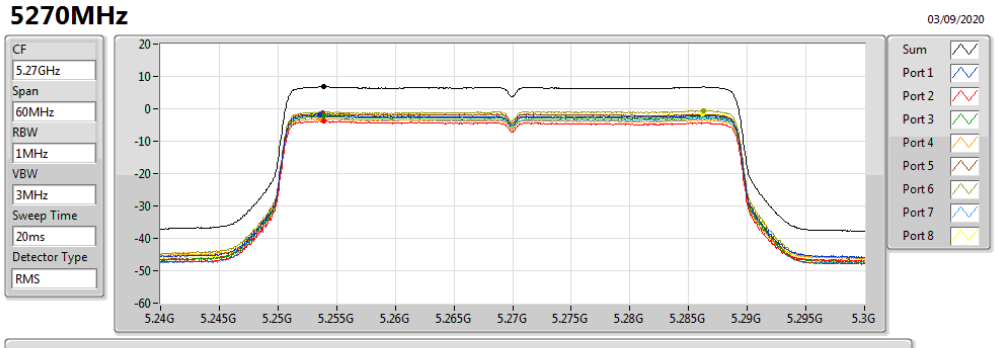


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.78	13.78	4.80	3.21	4.53	3.03	5.77	6.36	4.73	5.56

802.11ax HEW40_Nss1,(MCS0)_8TX — PSD

5270MHz

03/09/2020

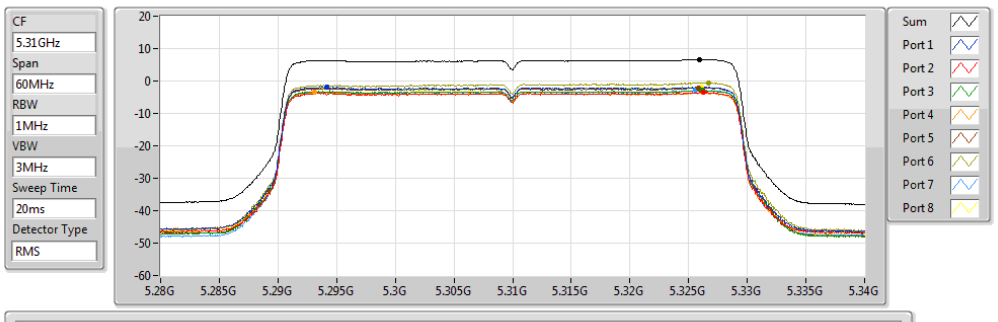


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.83	6.83	-1.87	-3.61	-2.33	-3.00	-1.40	-0.52	-2.90	-1.45

802.11ax HEW40_Nss1,(MCS0)_8TX — PSD

5310MHz

03/09/2020

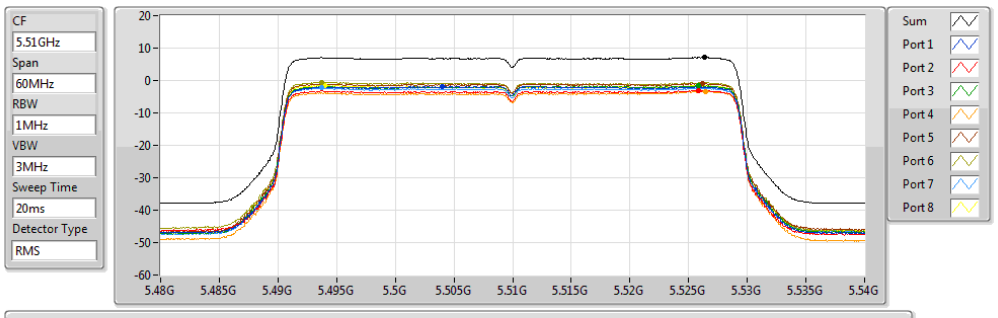


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.63	6.63	-1.92	-3.44	-2.93	-3.56	-2.10	-0.50	-2.91	-1.93

802.11ax HEW40_Nss1,(MCS0)_8TX — PSD

5510MHz

03/09/2020

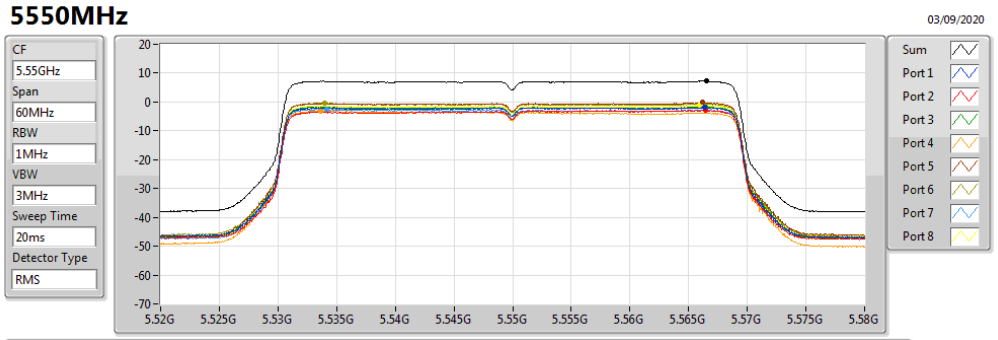


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	-1.84	-3.04	-1.60	-3.33	-0.95	-0.51	-2.30	-1.48

802.11ax HEW40_Nss1,(MCS0)_8TX — PSD

5550MHz

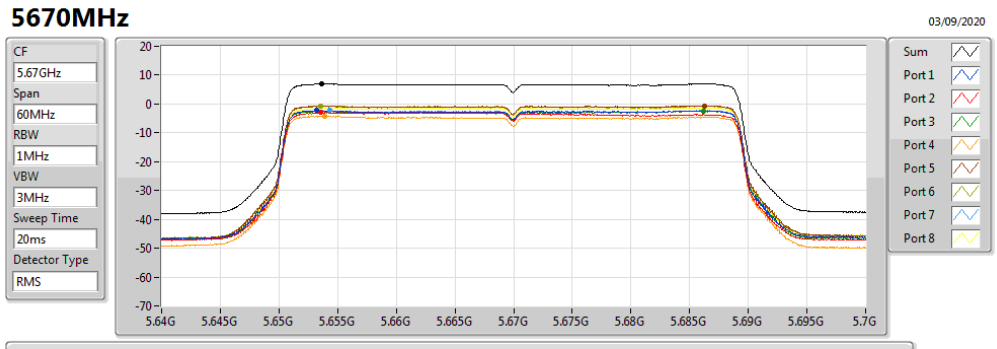
03/09/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	-1.97	-2.77	-1.64	-3.13	-0.20	-0.40	-2.52	-1.07

802.11ax HEW40_Nss1,(MCS0)_8TX **PSD**

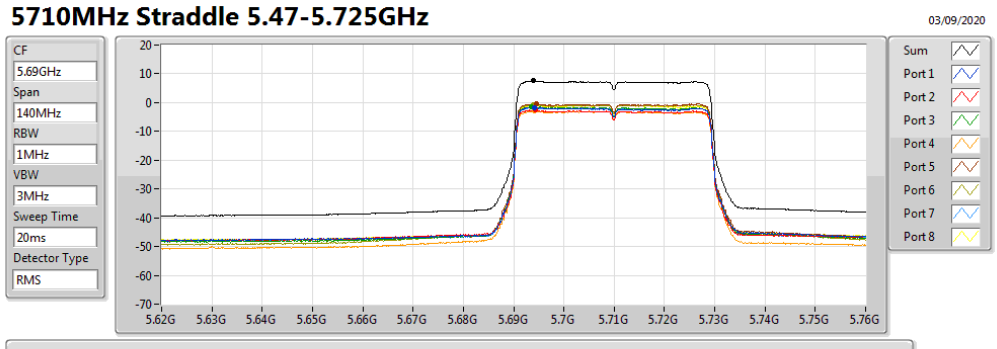
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	-2.29	-2.93	-2.39	-4.19	-0.59	-0.65	-2.20	-1.26

802.11ax HEW40_Nss1,(MCS0)_8TX **PSD**

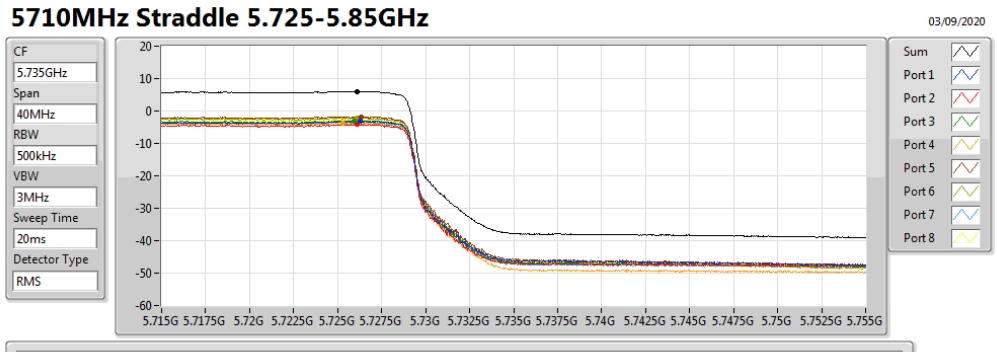
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.52	7.52	-1.63	-2.55	-1.37	-2.97	-0.35	-0.73	-1.68	-0.91

802.11ax HEW40_Nss1,(MCS0)_8TX **PSD**

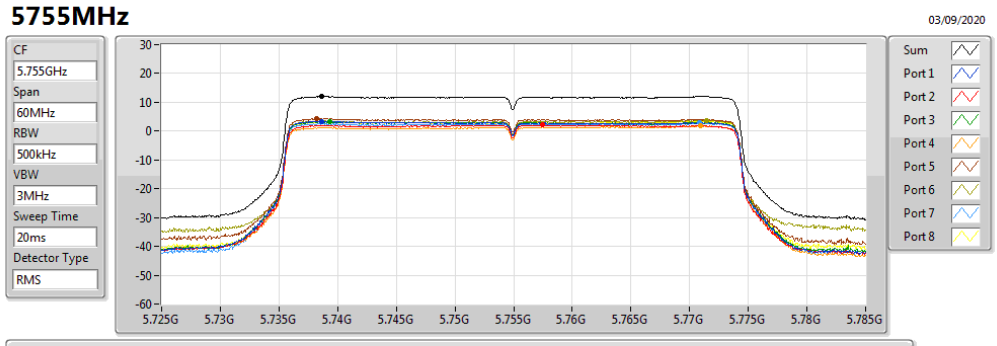
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.05	6.05	-3.08	-4.12	-3.01	-3.76	-1.73	-2.06	-3.38	-2.68

802.11ax HEW40_Nss1,(MCS0)_8TX **PSD**

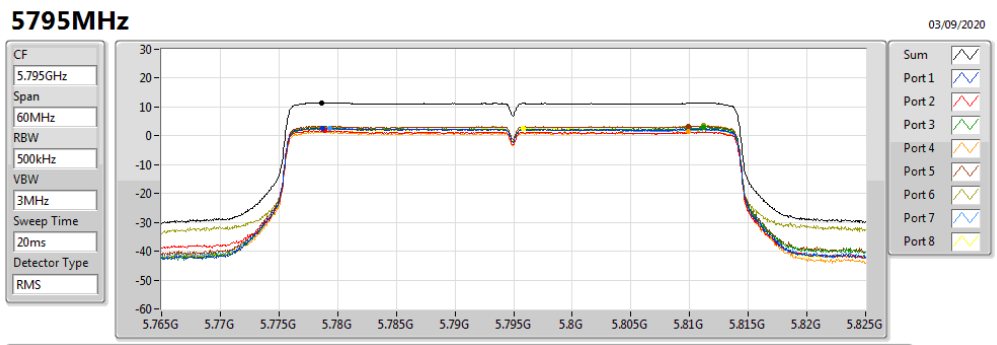
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.00	12.00	3.43	2.11	3.26	1.85	4.34	3.75	2.78	3.48

802.11ax HEW40_Nss1,(MCS0)_8TX **PSD**

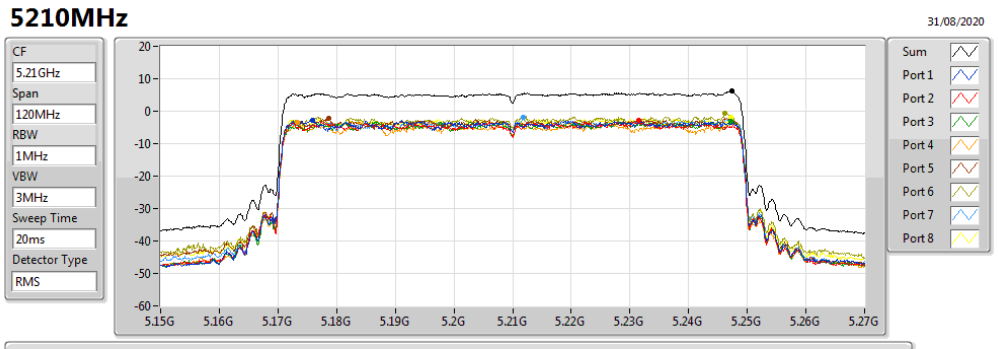
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.50	11.50	2.69	1.88	2.88	1.43	3.33	3.59	2.63	2.62

802.11ax HEW80_Nss1,(MCS0)_8TX **PSD**

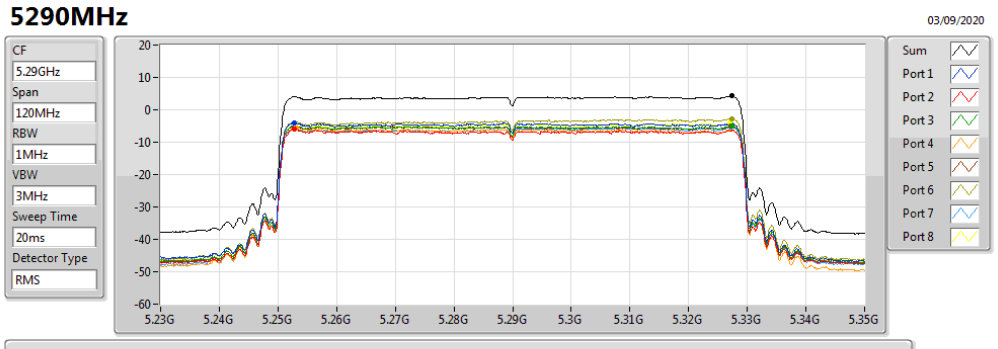
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.21	6.21	-2.71	-2.96	-3.18	-3.36	-2.14	-0.77	-2.00	-1.76

802.11ax HEW80_Nss1,(MCS0)_8TX **PSD**

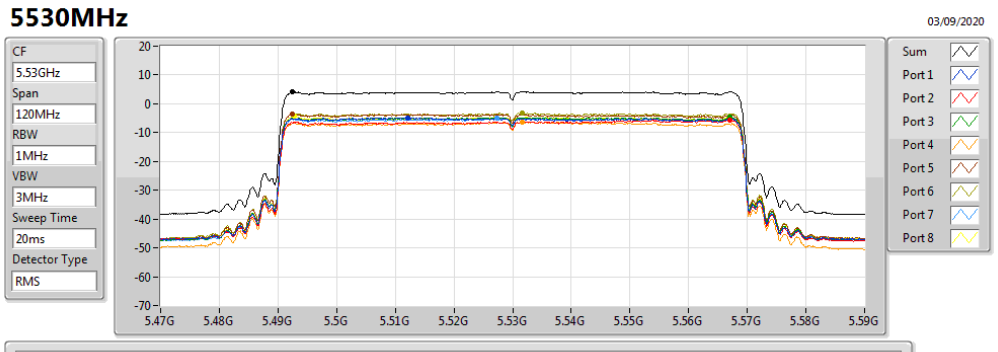
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.26	4.26	-3.95	-6.07	-4.92	-5.59	-4.93	-2.67	-5.38	-4.18

802.11ax HEW80_Nss1,(MCS0)_8TX **PSD**

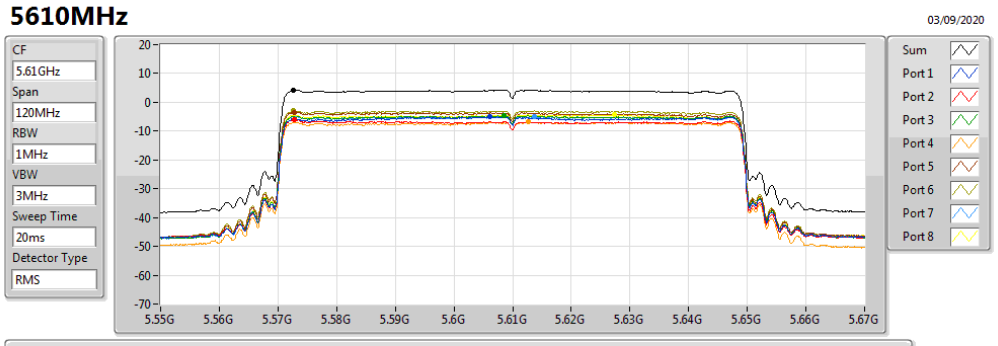
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.14	4.14	-4.82	-5.61	-4.73	-6.36	-3.53	-3.27	-5.13	-4.36

802.11ax HEW80_Nss1,(MCS0)_8TX **PSD**

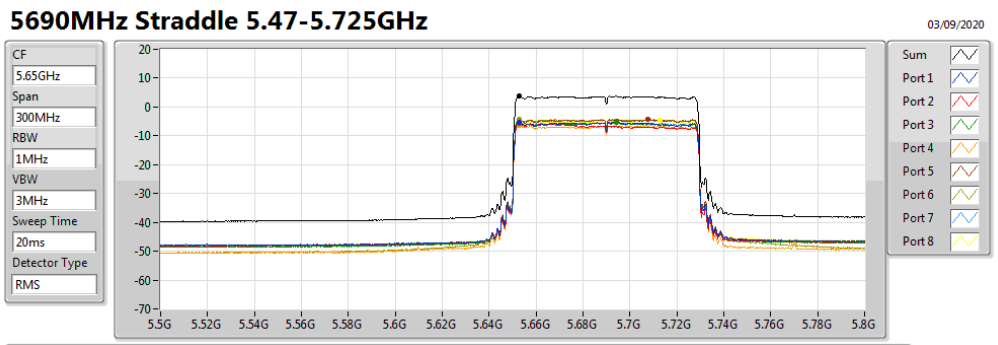
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-5.13	-6.07	-4.73	-6.89	-3.48	-2.96	-4.86	-4.37

802.11ax HEW80_Nss1,(MCS0)_8TX **PSD**

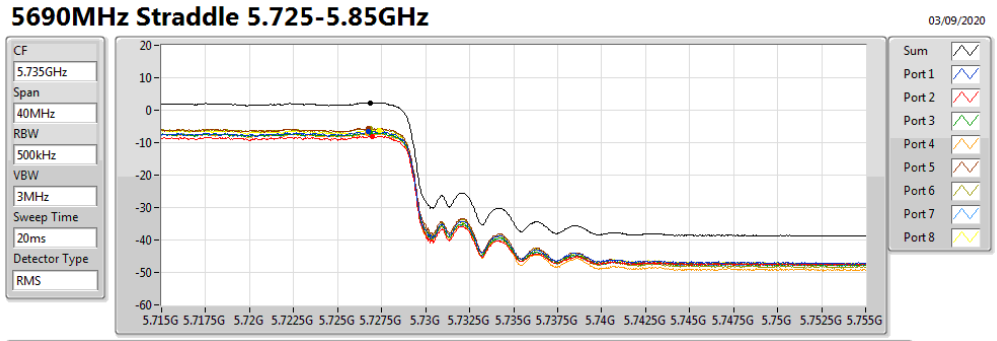
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	-5.24	-5.72	-5.35	-6.23	-4.35	-4.11	-5.38	-4.52

802.11ax HEW80_Nss1,(MCS0)_8TX **PSD**

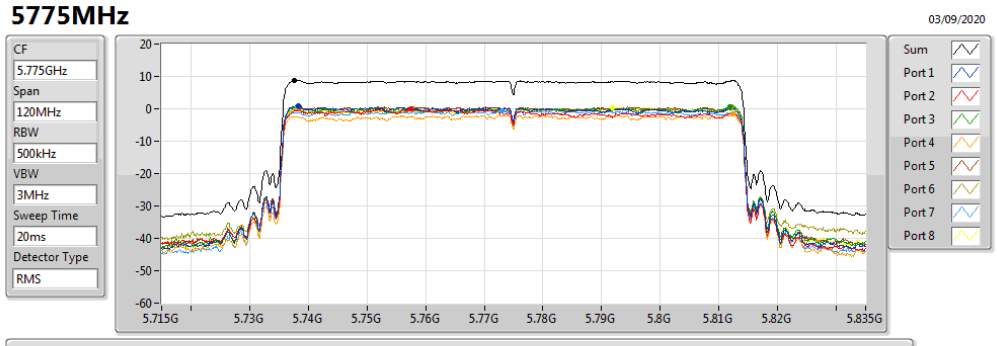
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.28	2.28	-6.64	-7.99	-6.96	-7.18	-5.53	-5.72	-7.18	-6.29

802.11ax HEW80_Nss1,(MCS0)_8TX **PSD**

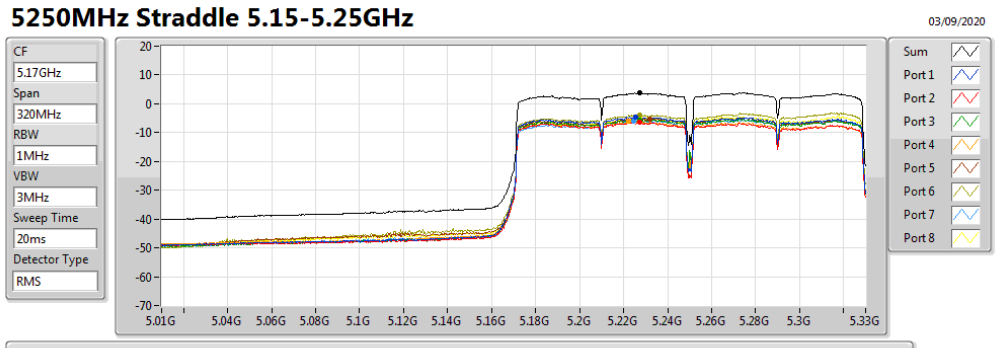
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.78	8.78	0.87	-0.11	0.64	-1.70	0.74	0.51	-0.66	0.37

802.11ac VHT160_Nss1,(MCS0)_8TX **PSD**

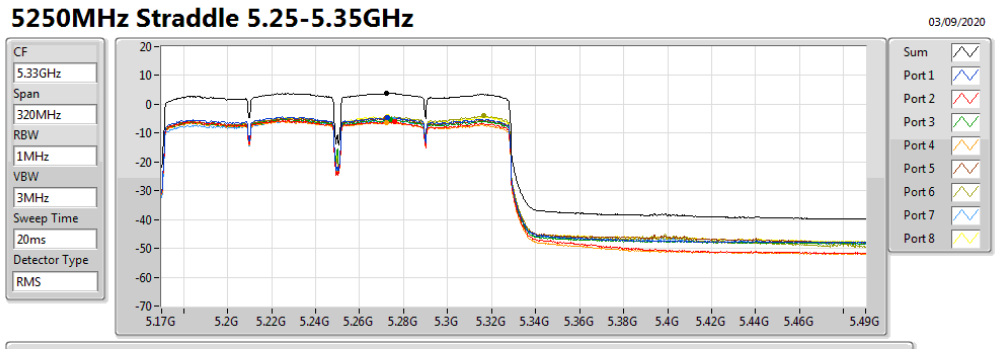
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.71	3.71	-4.65	-6.44	-5.54	-6.18	-5.14	-3.79	-5.89	-4.82

802.11ac VHT160_Nss1,(MCS0)_8TX **PSD**

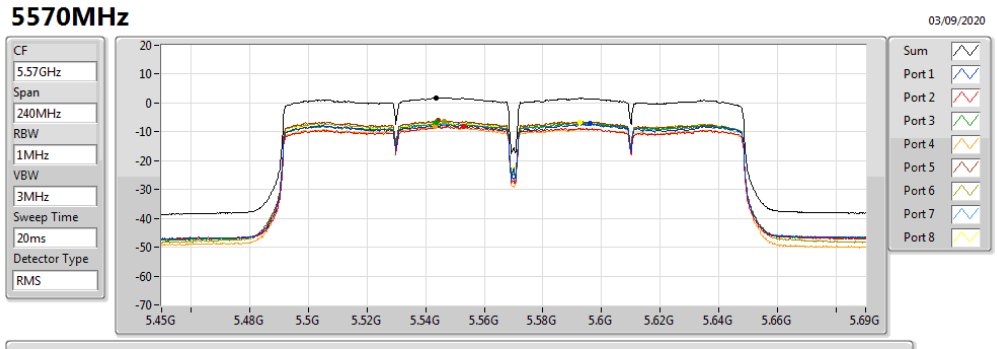
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	-4.66	-6.02	-5.25	-6.20	-4.61	-3.97	-5.46	-4.18

802.11ac VHT160_Nss1,(MCS0)_8TX **PSD**

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.84	1.84	-7.14	-8.17	-6.85	-8.02	-6.02	-6.27	-7.14	-6.71

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_8TX	14.64
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	14.20
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	8.67
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	6.21
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	1.62
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_8TX	8.82
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	8.55
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	2.92
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-0.08
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	1.98
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_8TX	9.53
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	9.12
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	5.50
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	3.28
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	0.50
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_8TX	14.61
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	13.50
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	10.06
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	5.10

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

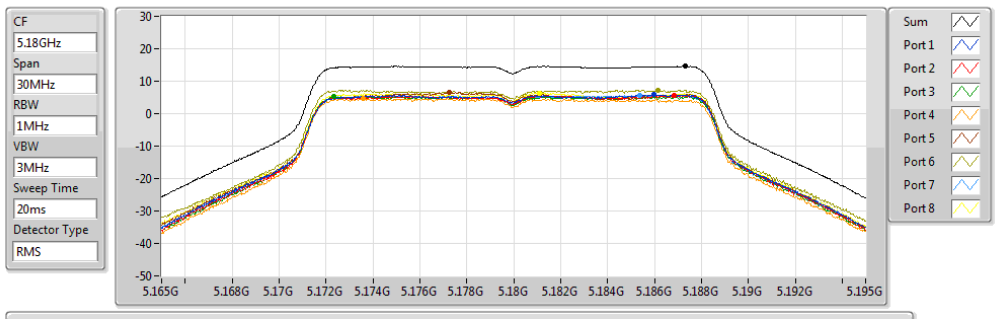
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.10	5.87	5.60	5.24	4.59	6.55	7.30	5.58	6.30	14.63	14.90
5200MHz	Pass	8.10	5.48	5.77	5.18	4.45	6.09	7.13	6.00	6.74	14.60	14.90
5240MHz	Pass	8.10	5.62	5.63	5.15	4.65	6.25	7.63	6.27	6.49	14.64	14.90
5260MHz	Pass	8.10	-0.37	-0.56	-0.57	-0.88	-0.24	1.07	-0.35	-0.22	8.41	8.90
5300MHz	Pass	8.10	-0.30	-0.22	-0.51	-1.14	-0.53	1.06	-0.24	-0.22	8.45	8.90
5320MHz	Pass	8.10	0.23	0.09	-0.24	-0.73	-0.13	1.87	0.26	0.14	8.82	8.90
5500MHz	Pass	7.40	0.26	0.64	0.42	-0.58	1.24	1.88	1.04	0.48	9.30	9.60
5580MHz	Pass	7.30	-0.14	0.36	0.58	-0.90	2.08	2.20	1.45	1.54	9.53	9.70
5700MHz	Pass	7.40	-0.02	0.48	0.78	-1.42	1.18	0.98	1.20	1.28	9.11	9.60
5720MHz Straddle 5.47-5.725GHz	Pass	7.40	-0.41	0.59	0.44	-1.49	1.02	1.04	0.99	0.78	9.13	9.60
5720MHz Straddle 5.725-5.85GHz	Pass	7.40	-1.38	-1.36	-0.41	-3.30	-0.65	-1.09	-0.71	-0.33	7.76	28.60
5745MHz	Pass	7.40	5.78	5.85	6.44	3.25	6.76	6.11	6.22	6.10	14.49	28.60
5785MHz	Pass	7.20	5.59	6.11	6.20	3.81	6.52	6.04	6.12	6.27	14.54	28.80
5825MHz	Pass	7.40	5.87	6.02	6.12	4.05	6.46	6.25	6.17	6.28	14.61	28.60
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.10	5.24	5.11	5.66	4.88	5.69	7.01	5.66	5.71	14.11	14.90
5200MHz	Pass	8.10	4.81	4.74	5.23	4.56	5.51	6.57	5.44	5.21	13.79	14.90
5240MHz	Pass	8.10	5.17	5.35	5.94	4.65	5.73	7.57	5.80	5.32	14.20	14.90
5260MHz	Pass	8.10	-0.50	-0.47	0.20	-0.19	-0.62	1.11	-0.72	-1.10	8.21	8.90
5300MHz	Pass	8.10	-0.12	-0.42	0.12	-0.86	-1.54	0.98	-1.04	-1.38	7.96	8.90
5320MHz	Pass	8.10	0.35	-0.10	0.45	0.06	-0.70	1.77	-0.45	-0.89	8.55	8.90
5500MHz	Pass	7.40	0.15	0.42	1.22	-0.02	0.91	1.31	0.65	-0.48	9.00	9.60
5580MHz	Pass	7.30	-0.51	-0.25	0.75	-0.93	1.21	1.82	1.17	0.29	8.94	9.70
5700MHz	Pass	7.40	-0.64	-0.48	1.19	-1.41	0.67	0.99	1.22	0.58	8.75	9.60
5720MHz Straddle 5.47-5.725GHz	Pass	7.40	-0.77	0.25	1.93	-0.69	1.06	1.43	0.92	0.53	9.12	9.60
5720MHz Straddle 5.725-5.85GHz	Pass	7.40	2.20	2.63	3.58	1.56	4.12	3.90	4.13	3.24	11.86	28.60
5745MHz	Pass	7.40	4.81	4.20	6.19	3.96	5.78	5.77	5.64	4.85	13.50	28.60
5785MHz	Pass	7.20	4.29	4.76	5.98	4.50	5.54	5.55	5.56	4.72	13.46	28.80
5825MHz	Pass	7.40	4.48	4.40	6.18	4.78	5.86	5.85	5.58	4.98	13.46	28.60
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.10	-1.31	-2.22	-1.03	-3.59	-0.75	0.70	-1.12	-0.67	7.85	14.90
5230MHz	Pass	8.10	-0.18	0.06	0.09	-0.45	0.59	2.31	-0.12	-0.20	8.67	14.90
5270MHz	Pass	8.10	-5.44	-5.77	-5.77	-5.75	-5.93	-3.51	-6.02	-5.90	2.92	8.90
5310MHz	Pass	8.10	-5.39	-5.67	-6.40	-5.94	-6.56	-3.89	-5.98	-6.35	2.58	8.90
5510MHz	Pass	7.40	-6.32	-4.91	-4.81	-6.05	-4.75	-3.82	-4.34	-6.02	3.09	9.60
5550MHz	Pass	7.40	-3.29	-3.31	-2.58	-3.09	-2.87	-1.74	-2.61	-3.26	5.50	9.60
5670MHz	Pass	7.40	-4.08	-3.42	-2.48	-4.17	-2.37	-1.39	-3.29	-3.26	5.35	9.60
5710MHz Straddle 5.47-5.725GHz	Pass	7.40	-3.76	-3.78	-2.85	-5.66	-3.48	-2.80	-2.73	-4.07	4.84	9.60
5710MHz Straddle 5.725-5.85GHz	Pass	7.40	-4.72	-6.20	-4.87	-6.73	-4.65	-2.81	-4.85	-4.71	3.73	28.60
5755MHz	Pass	7.20	1.83	2.00	2.94	1.83	0.94	2.01	1.69	1.20	10.06	28.80
5795MHz	Pass	7.20	0.58	1.51	2.54	1.37	0.39	1.79	1.90	-0.12	9.49	28.80
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.10	-2.71	-2.96	-3.18	-3.36	-2.14	-0.77	-2.00	-1.76	6.21	14.90
5290MHz	Pass	8.10	-7.76	-8.52	-8.69	-8.27	-9.10	-6.04	-9.00	-8.09	-0.08	8.90
5530MHz	Pass	7.40	-5.23	-5.27	-4.76	-5.74	-4.92	-4.35	-5.18	-5.45	3.18	9.60
5610MHz	Pass	7.30	-8.35	-8.33	-7.10	-9.41	-6.87	-6.60	-7.70	-7.28	0.57	9.70
5690MHz Straddle 5.47-5.725GHz	Pass	7.40	-5.44	-5.07	-4.55	-7.13	-4.50	-3.56	-4.55	-4.38	3.28	9.60
5690MHz Straddle 5.725-5.85GHz	Pass	7.40	-7.13	-8.06	-7.19	-7.80	-6.11	-4.60	-7.05	-5.65	1.83	28.60
5775MHz	Pass	7.20	-3.07	-2.74	-2.18	-3.03	-2.89	-2.75	-3.06	-3.10	5.10	28.80
802.11ac VHT160-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.10	-6.78	-7.42	-7.76	-8.04	-7.65	-6.34	-7.98	-6.70	1.62	14.90
5250MHz Straddle 5.25-5.35GHz	Pass	8.10	-6.94	-7.61	-7.58	-7.55	-6.96	-5.33	-7.54	-6.46	1.98	8.90
5570MHz	Pass	7.30	-8.56	-8.60	-8.74	-9.01	-7.52	-7.33	-9.31	-7.94	0.50	9.70

DG = Directional Gain; For UNII-1, UNII-2A and UNII-2C, **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_8TX — PSD

5180MHz

31/08/2020

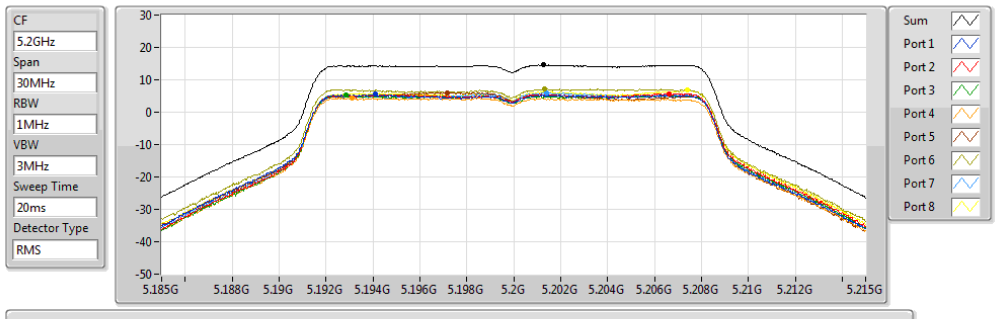


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.63	14.63	5.87	5.60	5.24	4.59	6.55	7.30	5.58	6.30

802.11a_Nss1,(6Mbps)_8TX — PSD

5200MHz

31/08/2020

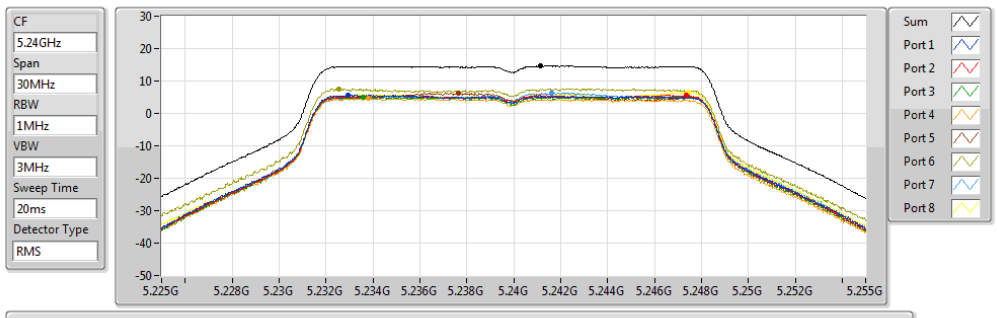


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.60	14.60	5.48	5.77	5.18	4.45	6.09	7.13	6.00	6.74

802.11a_Nss1,(6Mbps)_8TX — PSD

5240MHz

31/08/2020

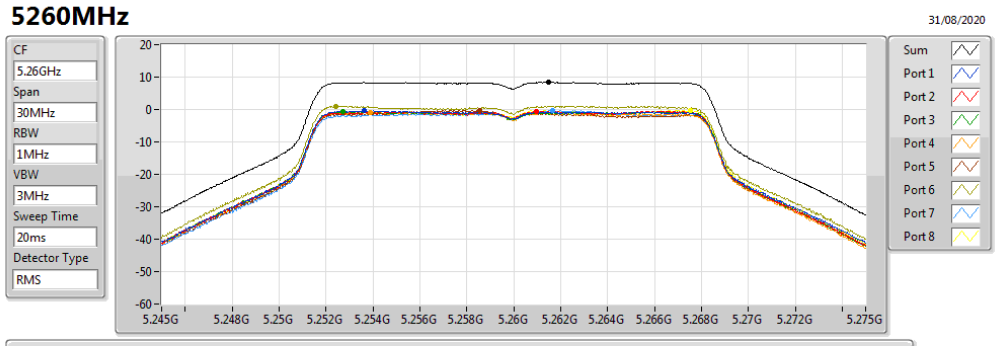


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.64	14.64	5.62	5.63	5.15	4.65	6.25	7.63	6.27	6.49

802.11a_Nss1,(6Mbps)_8TX — PSD

5260MHz

31/08/2020

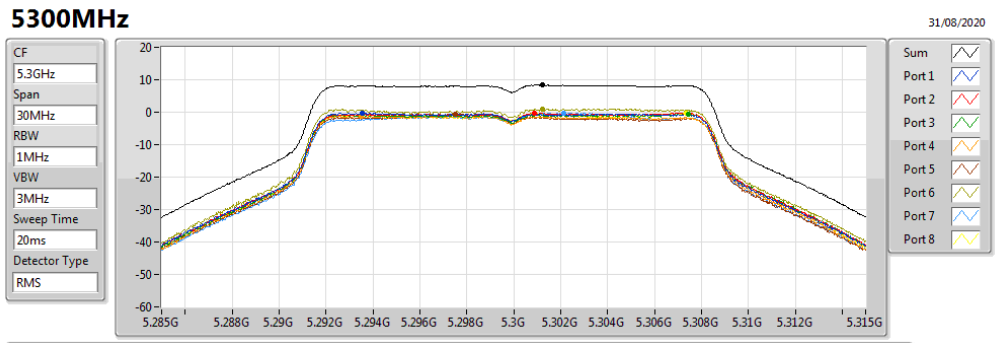


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.41	8.41	-0.37	-0.56	-0.57	-0.88	-0.24	1.07	-0.35	-0.22

802.11a_Nss1,(6Mbps)_8TX — PSD

5300MHz

31/08/2020

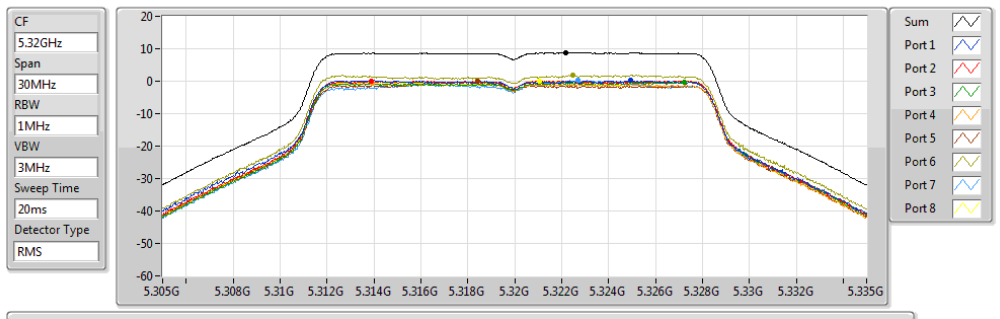


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	-0.30	-0.22	-0.51	-1.14	-0.53	1.06	-0.24	-0.22

802.11a_Nss1,(6Mbps)_8TX — PSD

5320MHz

31/08/2020

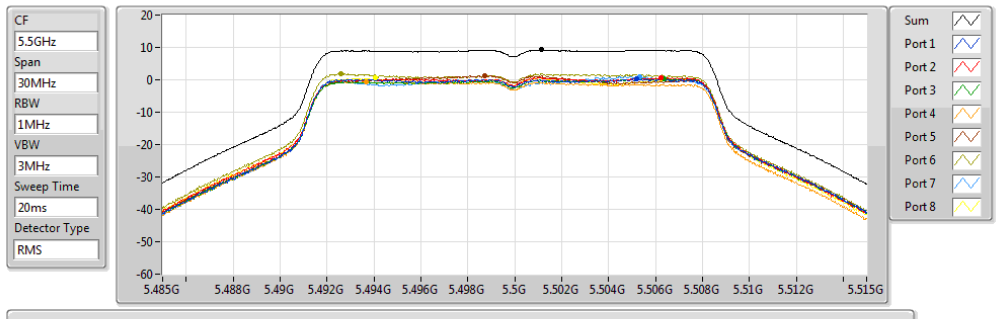


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.82	8.82	0.23	0.09	-0.24	-0.73	-0.13	1.87	0.26	0.14

802.11a_Nss1,(6Mbps)_8TX — PSD

5500MHz

31/08/2020

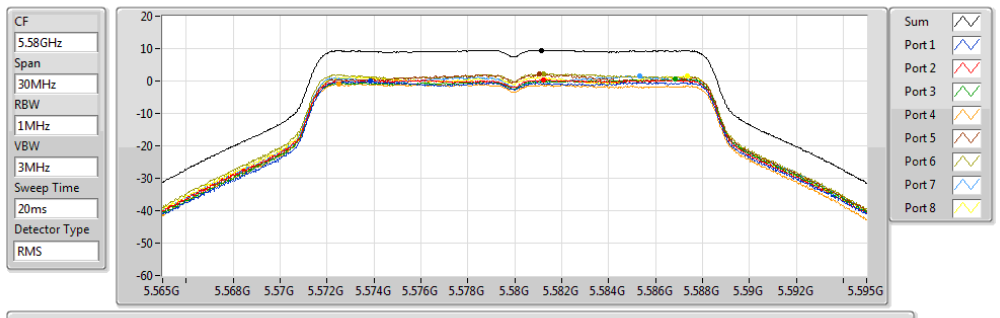


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.30	9.30	0.26	0.64	0.42	-0.58	1.24	1.88	1.04	0.48

802.11a_Nss1,(6Mbps)_8TX — PSD

5580MHz

31/08/2020

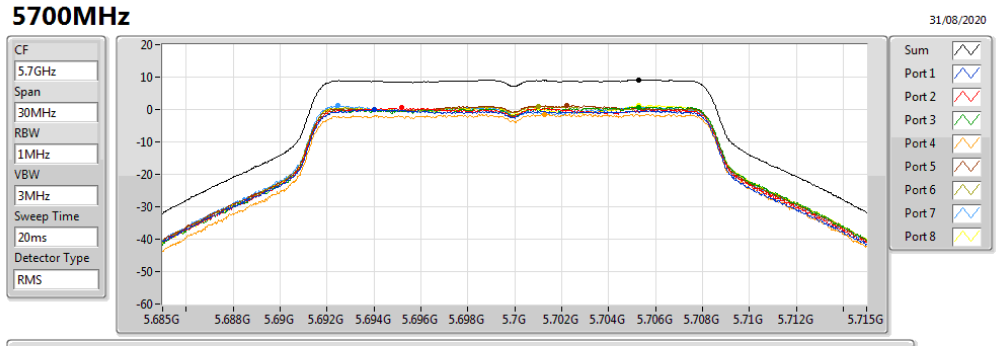


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.53	9.53	-0.14	0.36	0.58	-0.90	2.08	2.20	1.45	1.54

802.11a_Nss1,(6Mbps)_8TX — PSD

5700MHz

31/08/2020

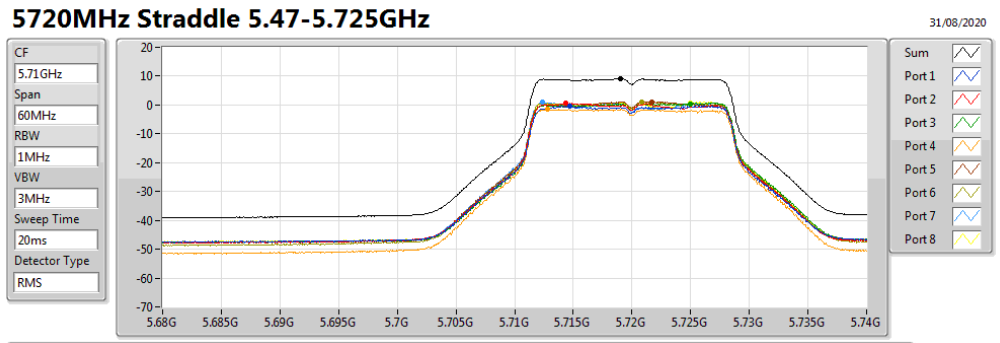


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	-0.02	0.48	0.78	-1.42	1.18	0.98	1.20	1.28

802.11a_Nss1,(6Mbps)_8TX — PSD

5720MHz Straddle 5.47-5.725GHz

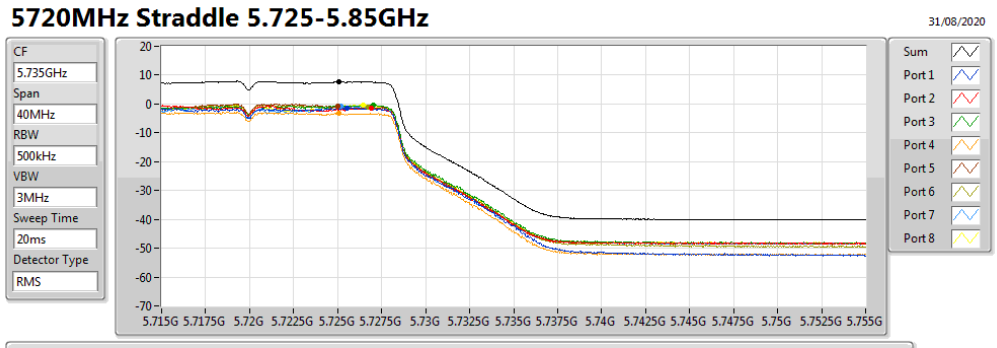
31/08/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	-0.41	0.59	0.44	-1.49	1.02	1.04	0.99	0.78

802.11a_Nss1,(6Mbps)_8TX **PSD**

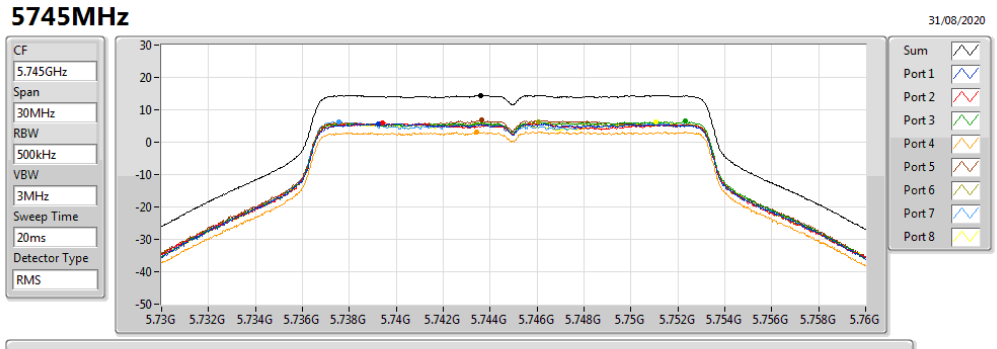
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	-1.38	-1.36	-0.41	-3.30	-0.65	-1.09	-0.71	-0.33

802.11a_Nss1,(6Mbps)_8TX **PSD**

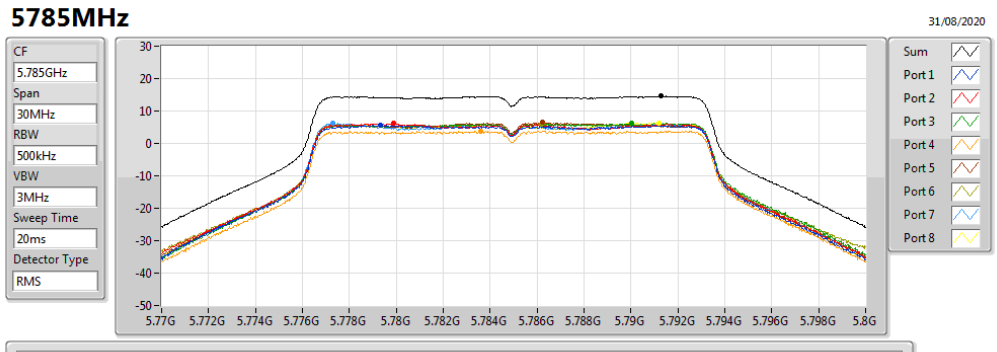
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.49	14.49	5.78	5.85	6.44	3.25	6.76	6.11	6.22	6.10

802.11a_Nss1,(6Mbps)_8TX **PSD**

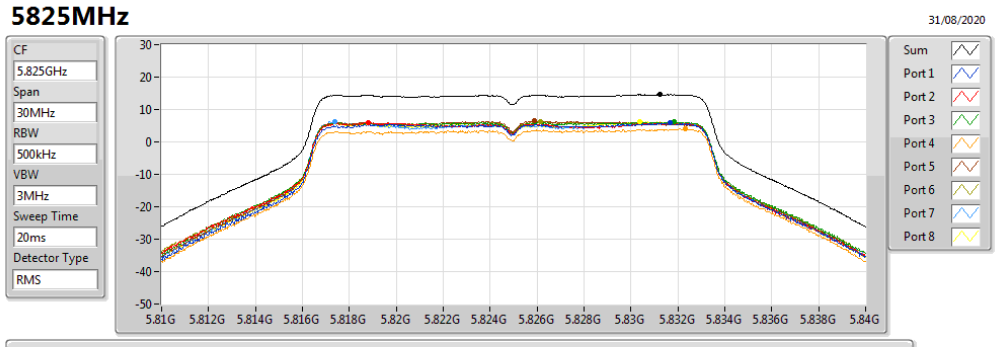
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.54	14.54	5.59	6.11	6.20	3.81	6.52	6.04	6.12	6.27

802.11a_Nss1,(6Mbps)_8TX **PSD**

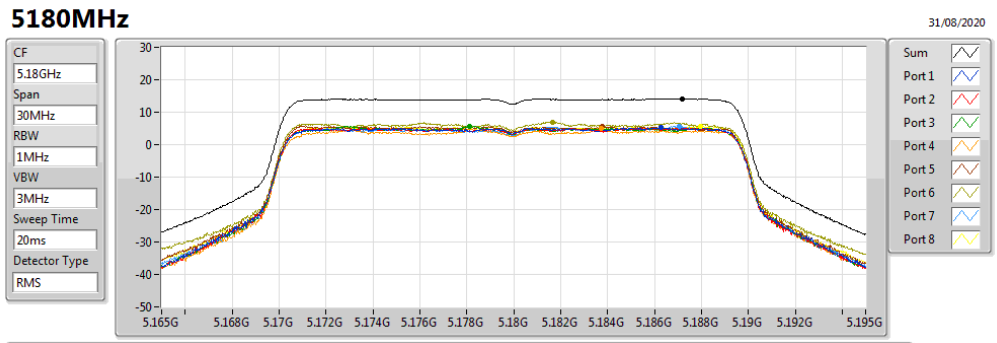
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.61	14.61	5.87	6.02	6.12	4.05	6.46	6.25	6.17	6.28

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

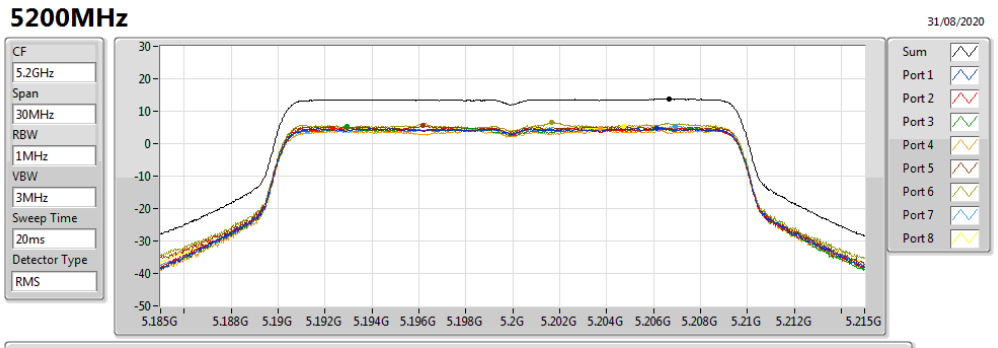
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.11	14.11	5.24	5.11	5.66	4.88	5.69	7.01	5.66	5.71

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

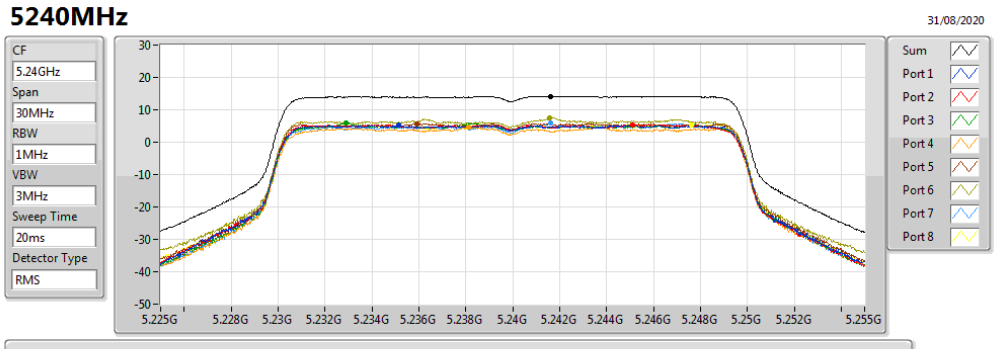
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.79	13.79	4.81	4.74	5.23	4.56	5.51	6.57	5.44	5.21

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

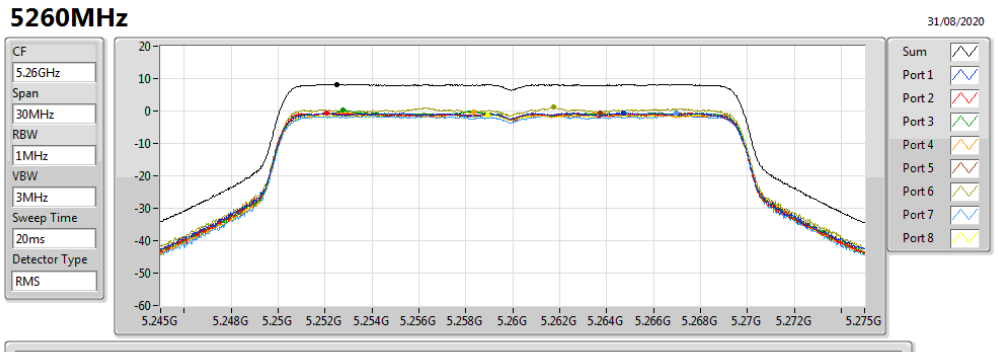
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.20	14.20	5.17	5.35	5.94	4.65	5.73	7.57	5.80	5.32

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

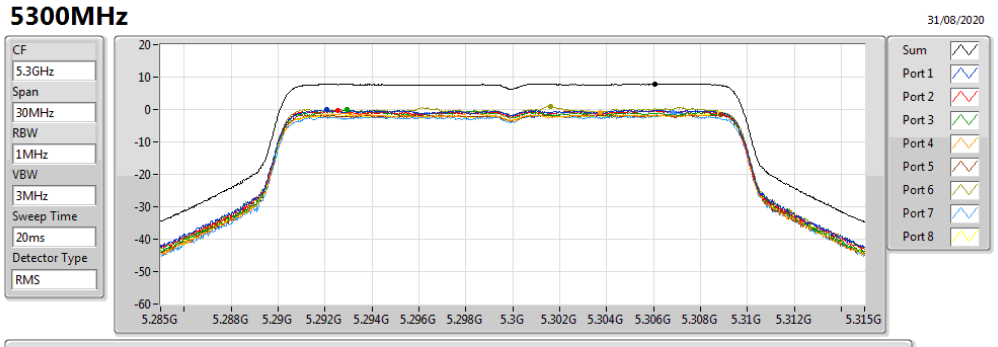
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	-0.50	-0.47	0.20	-0.19	-0.62	1.11	-0.72	-1.10

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

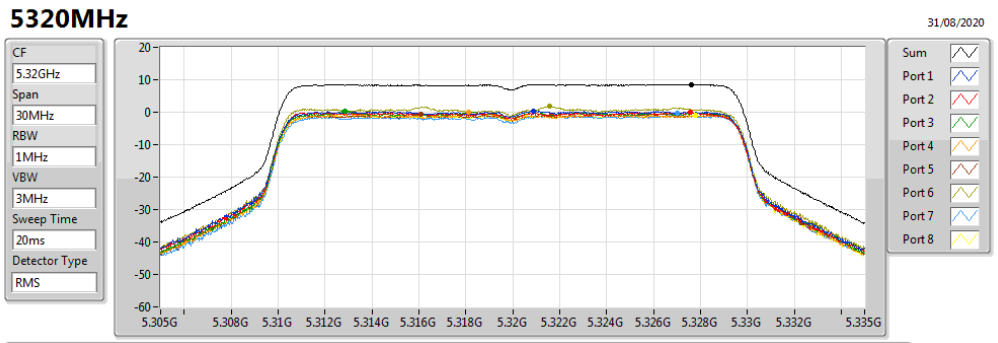
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	-0.12	-0.42	0.12	-0.86	-1.54	0.98	-1.04	-1.38

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

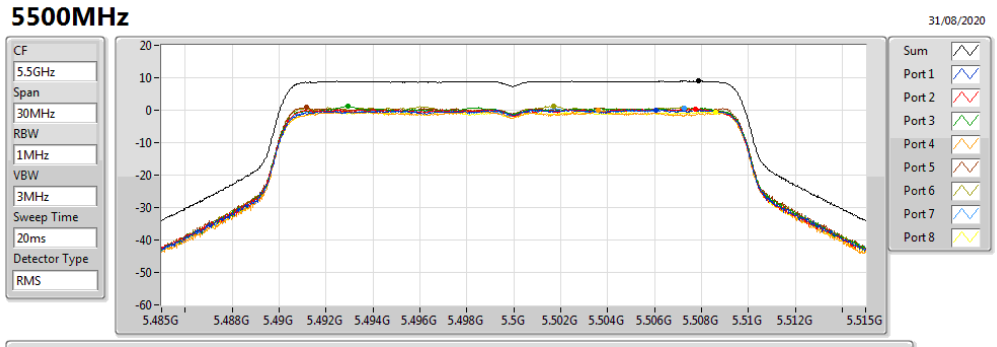
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	0.35	-0.10	0.45	0.06	-0.70	1.77	-0.45	-0.89

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

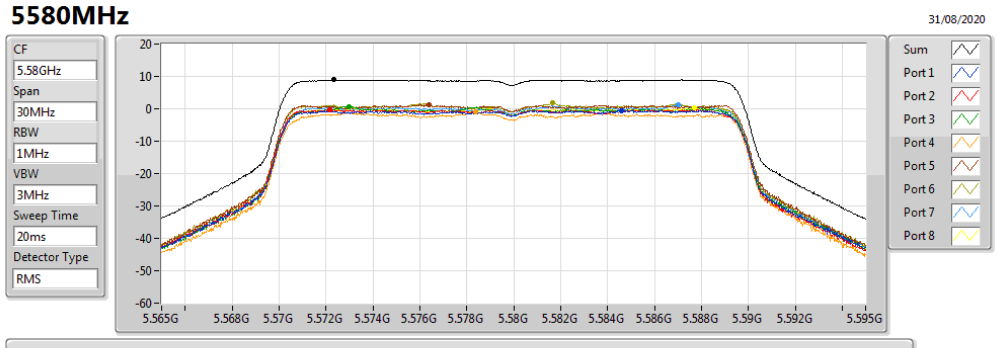
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.00	9.00	0.15	0.42	1.22	-0.02	0.91	1.31	0.65	-0.48

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

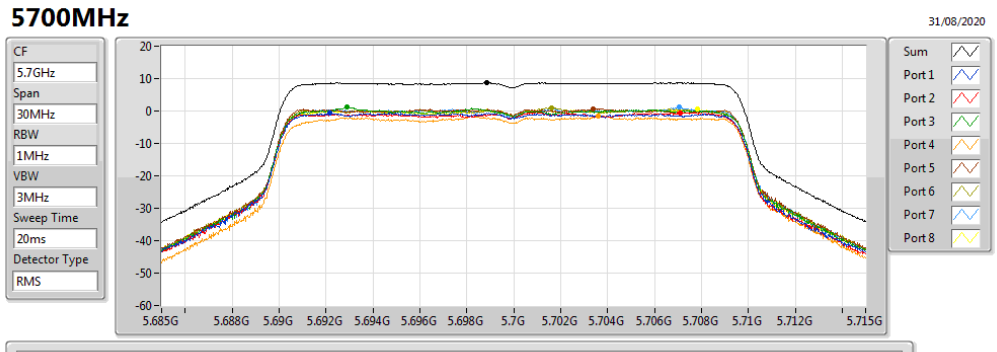
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.94	8.94	-0.51	-0.25	0.75	-0.93	1.21	1.82	1.17	0.29

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

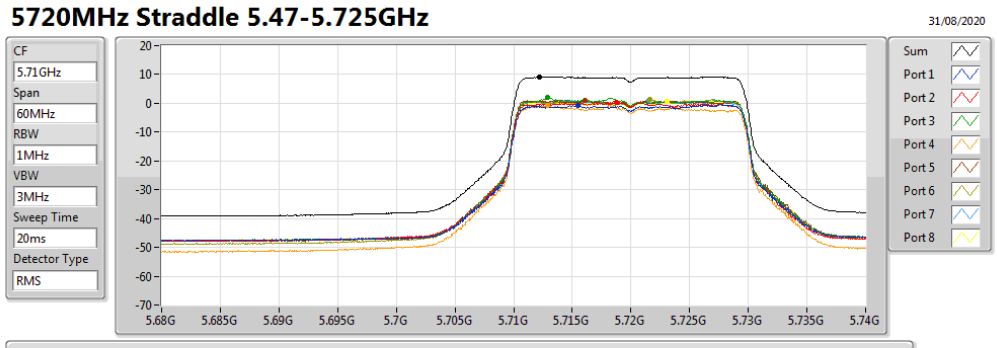
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	-0.64	-0.48	1.19	-1.41	0.67	0.99	1.22	0.58

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

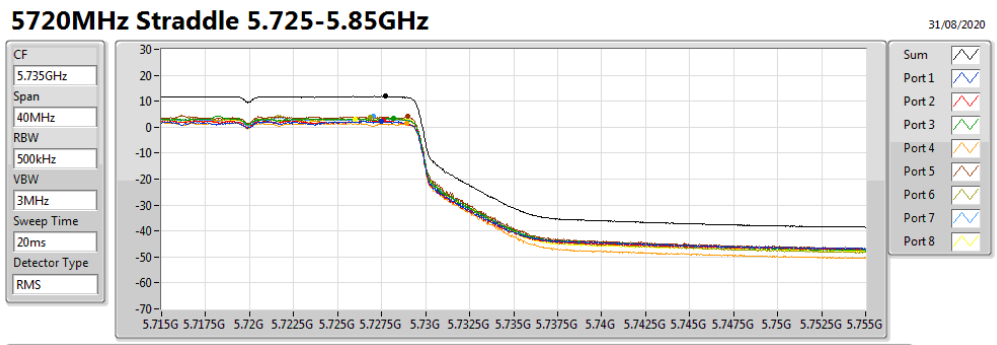
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.12	9.12	-0.77	0.25	1.93	-0.69	1.06	1.43	0.92	0.53

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

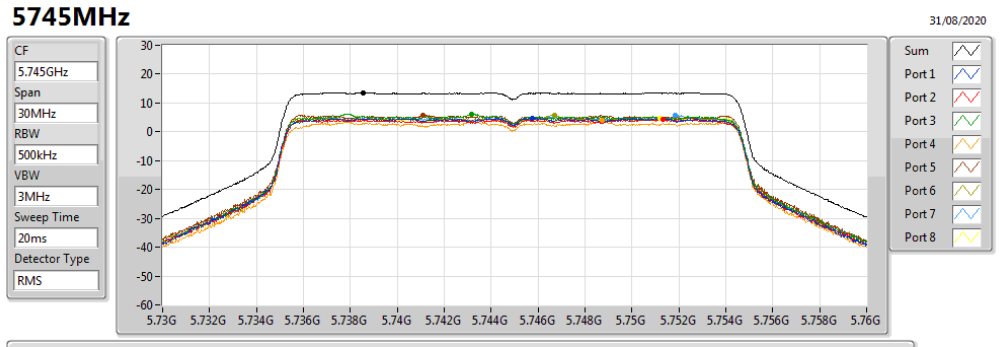
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.86	11.86	2.20	2.63	3.58	1.56	4.12	3.90	4.13	3.24

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

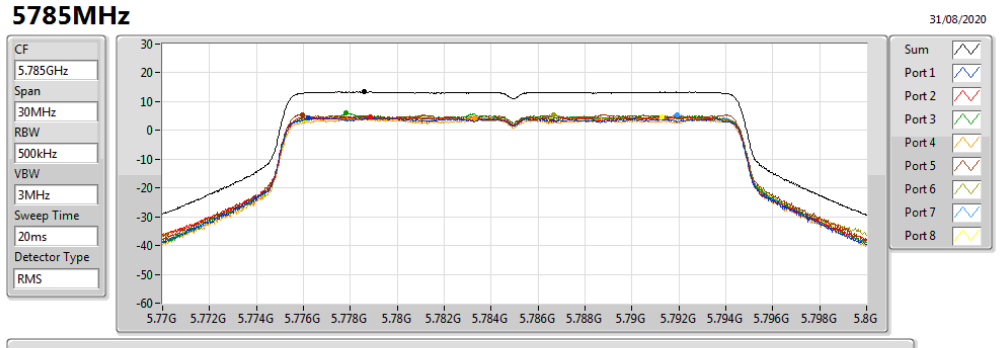
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	4.81	4.20	6.19	3.96	5.78	5.77	5.64	4.85

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

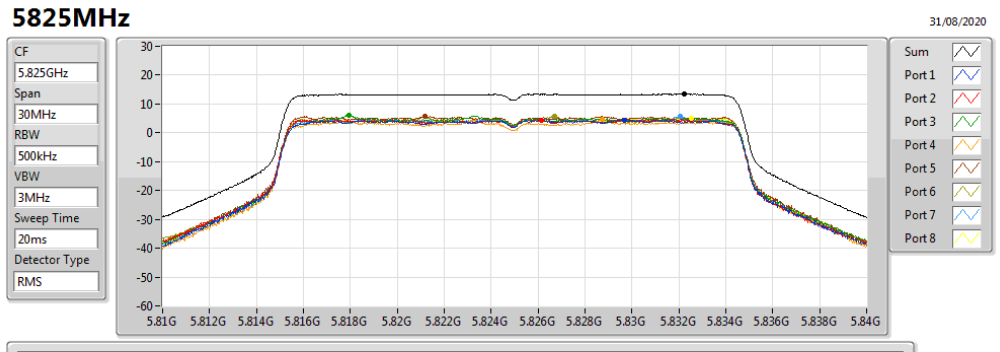
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.46	13.46	4.29	4.76	5.98	4.50	5.54	5.55	5.56	4.72

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

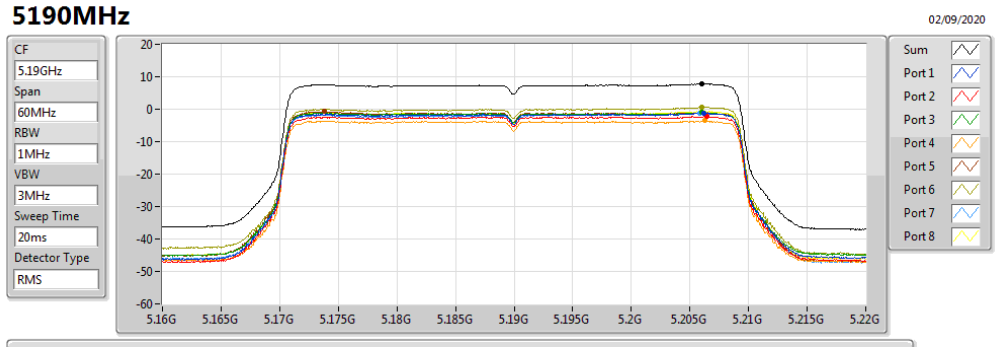
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.46	13.46	4.48	4.40	6.18	4.78	5.86	5.85	5.58	4.98

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

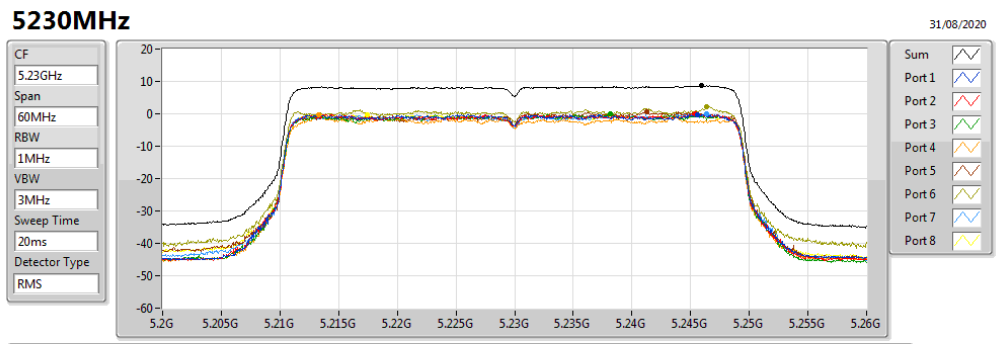
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	-1.31	-2.22	-1.03	-3.59	-0.75	0.70	-1.12	-0.67

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

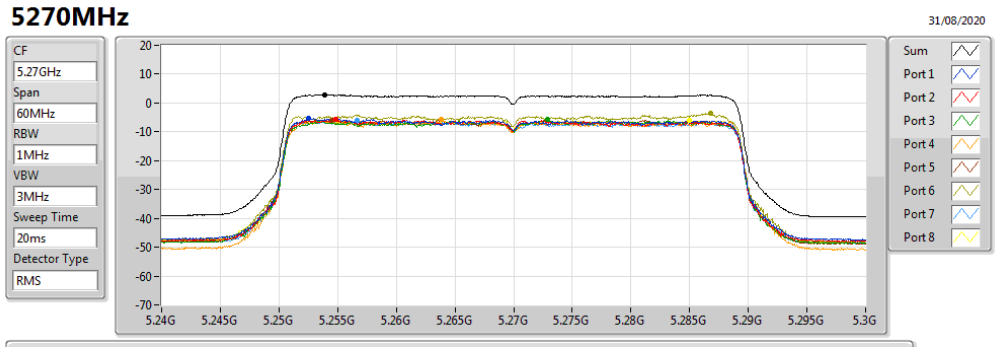
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.67	8.67	-0.18	0.06	0.09	-0.45	0.59	2.31	-0.12	-0.20

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

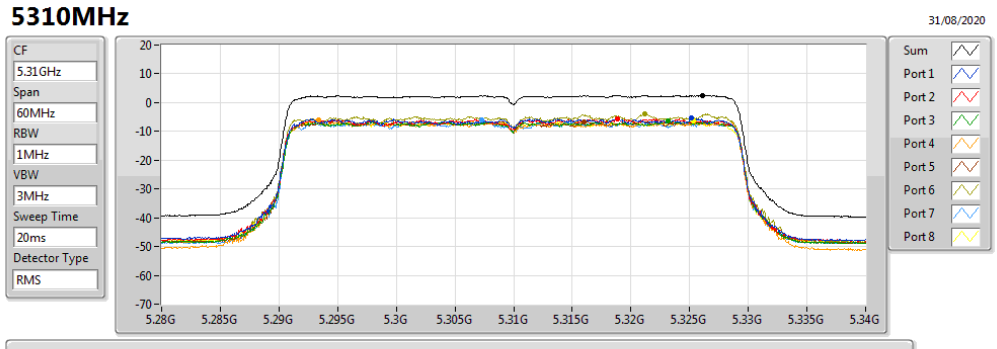
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-5.44	-5.77	-5.77	-5.75	-5.93	-3.51	-6.02	-5.90

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

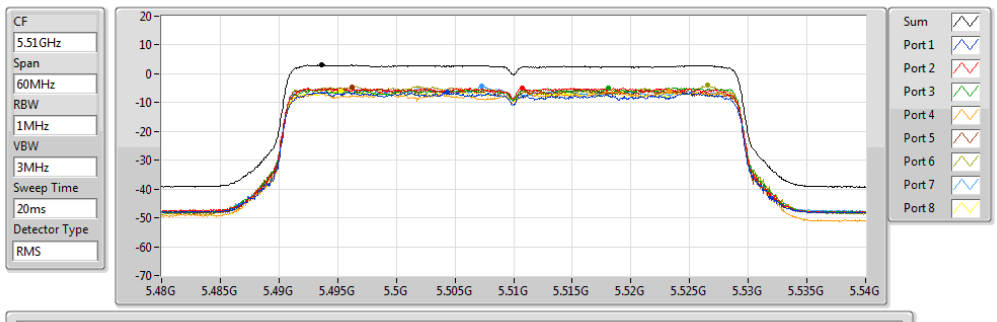
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.58	2.58	-5.39	-5.67	-6.40	-5.94	-6.56	-3.89	-5.98	-6.35

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

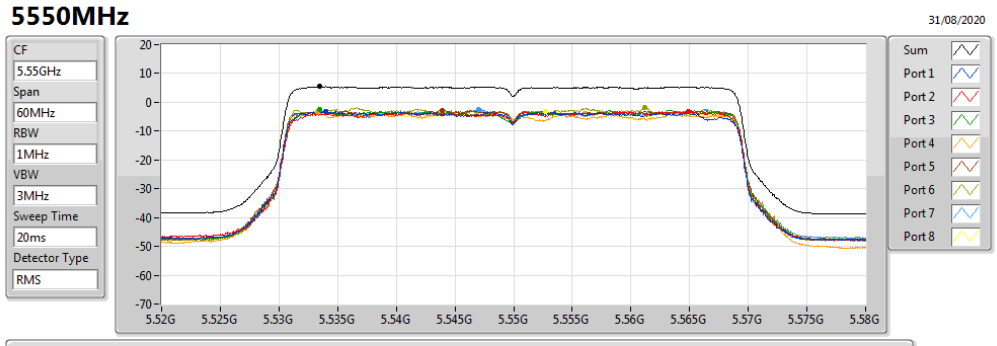
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.09	3.09	-6.32	-4.91	-4.81	-6.05	-4.75	-3.82	-4.34	-6.02

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

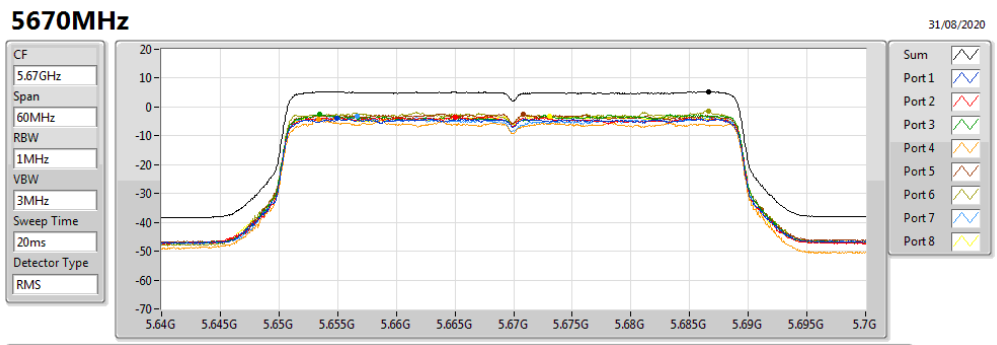
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	-3.29	-3.31	-2.58	-3.09	-2.87	-1.74	-2.61	-3.26

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

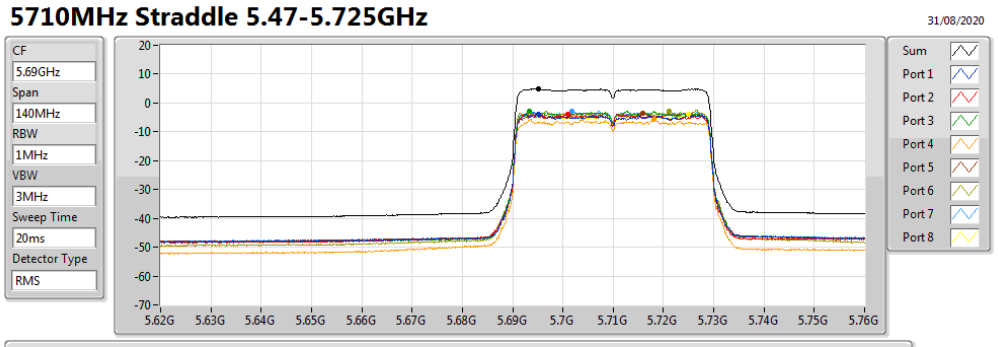
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.35	5.35	-4.08	-3.42	-2.48	-4.17	-2.37	-1.39	-3.29	-3.26

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

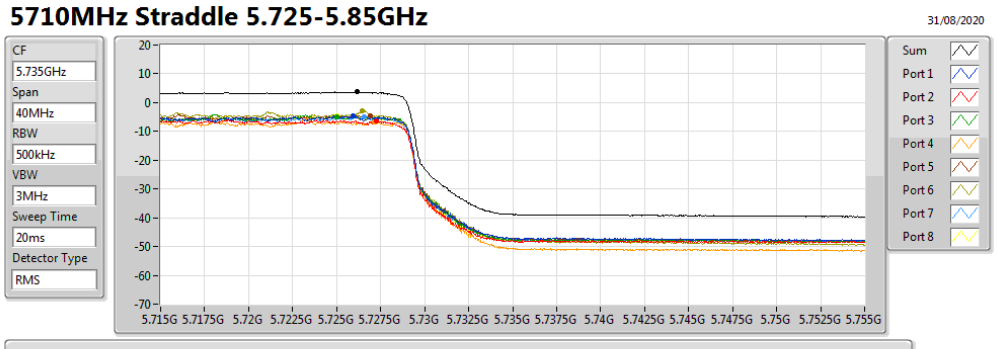
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	-3.76	-3.78	-2.85	-5.66	-3.48	-2.80	-2.73	-4.07

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

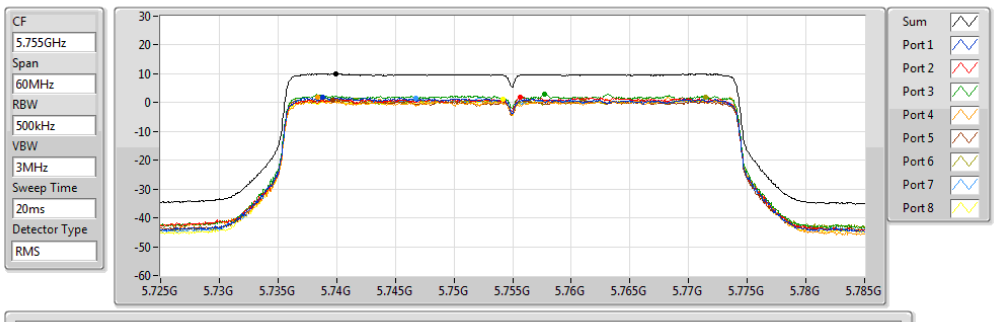
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.73	3.73	-4.72	-6.20	-4.87	-6.73	-4.65	-2.81	-4.85	-4.71

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

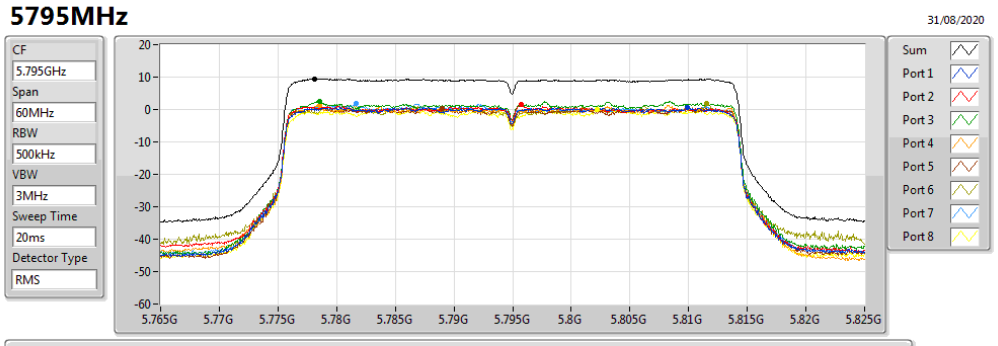
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	1.83	2.00	2.94	1.83	0.94	2.01	1.69	1.20

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

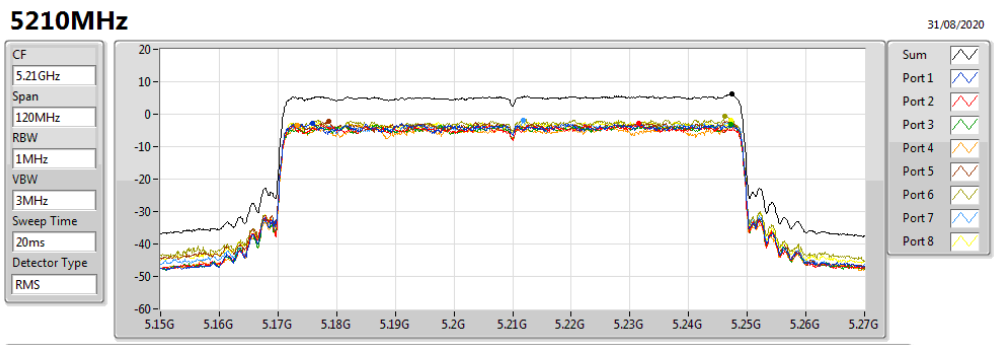
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.49	9.49	0.58	1.51	2.54	1.37	0.39	1.79	1.90	-0.12

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

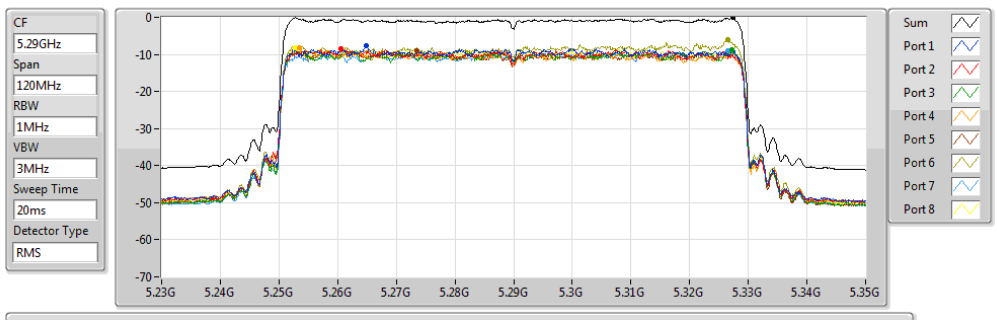
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.21	6.21	-2.71	-2.96	-3.18	-3.36	-2.14	-0.77	-2.00	-1.76

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

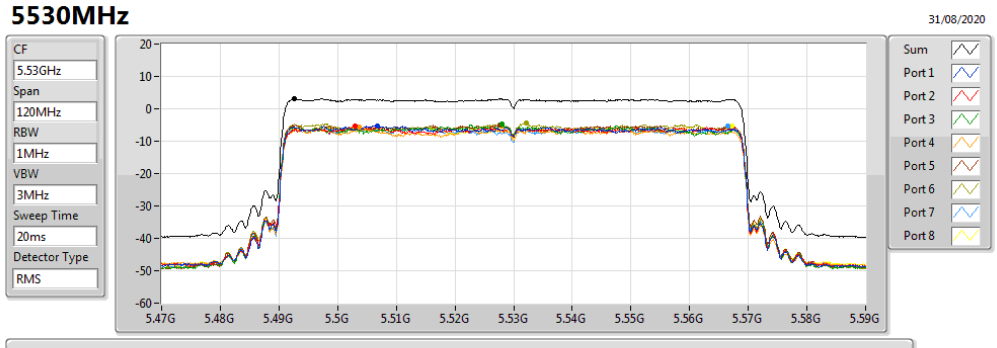
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.08	-0.08	-7.76	-8.52	-8.69	-8.27	-9.10	-6.04	-9.00	-8.09

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

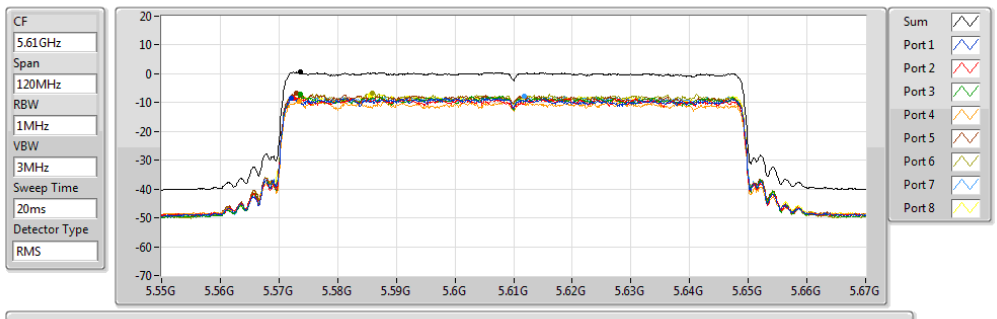
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.18	3.18	-5.23	-5.27	-4.76	-5.74	-4.92	-4.35	-5.18	-5.45

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

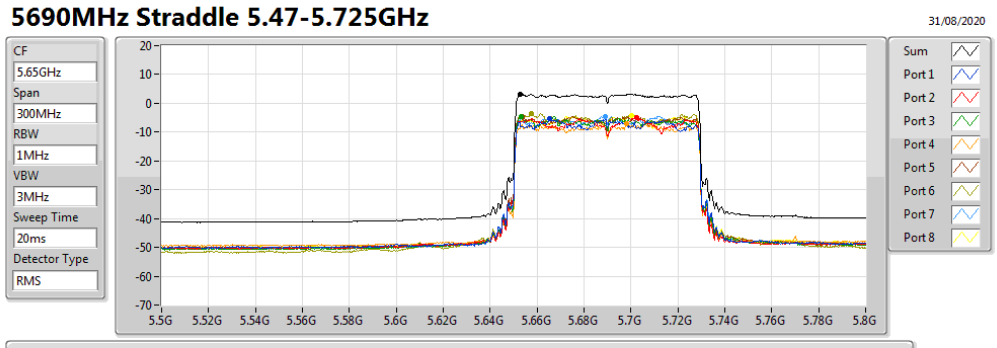
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.57	0.57	-8.35	-8.33	-7.10	-9.41	-6.87	-6.60	-7.70	-7.28

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

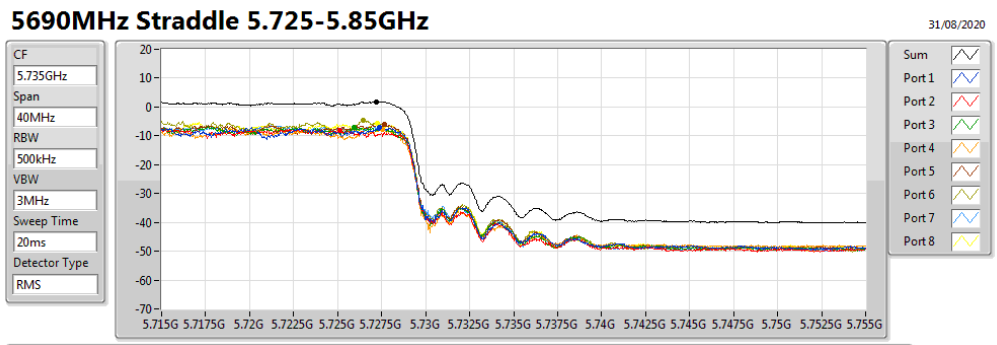
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	-5.44	-5.07	-4.55	-7.13	-4.50	-3.56	-4.55	-4.38

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

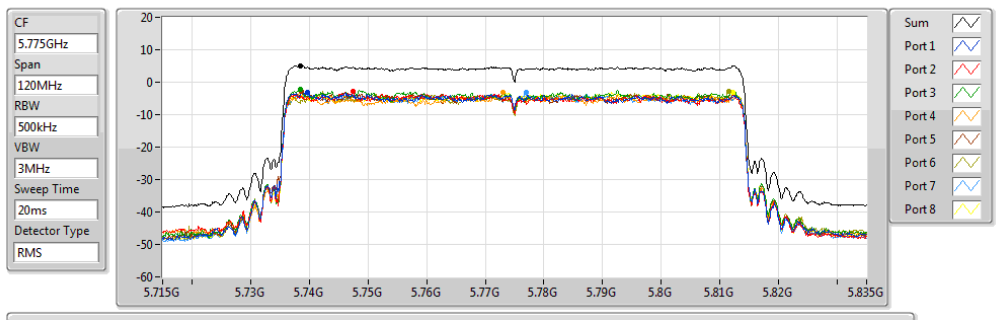
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.83	1.83	-7.13	-8.06	-7.19	-7.80	-6.11	-4.60	-7.05	-5.65

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

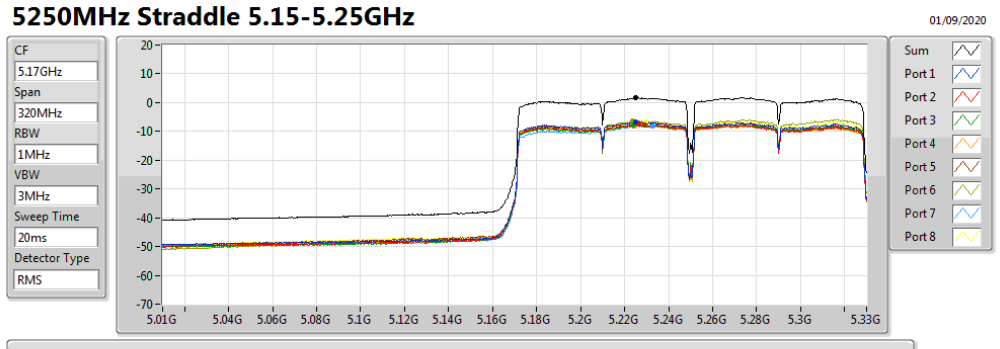
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	-3.07	-2.74	-2.18	-3.03	-2.89	-2.75	-3.06	-3.10

802.11ac VHT160-BF_Nss1,(MCS0)_8TX **PSD**

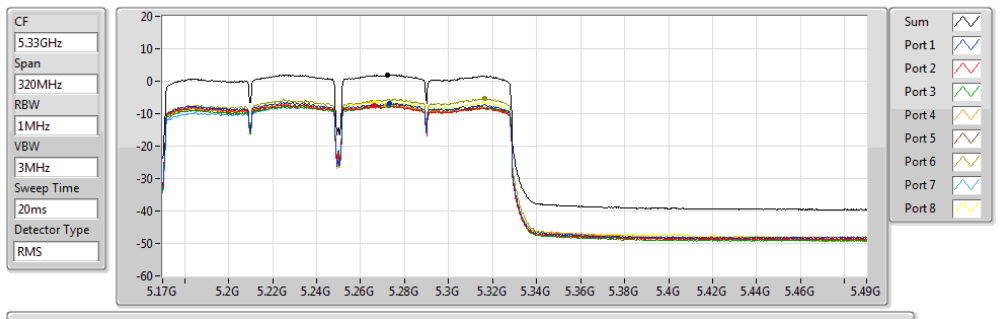
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.62	1.62	-6.78	-7.42	-7.76	-8.04	-7.65	-6.34	-7.98	-6.70

802.11ac VHT160-BF_Nss1,(MCS0)_8TX **PSD**

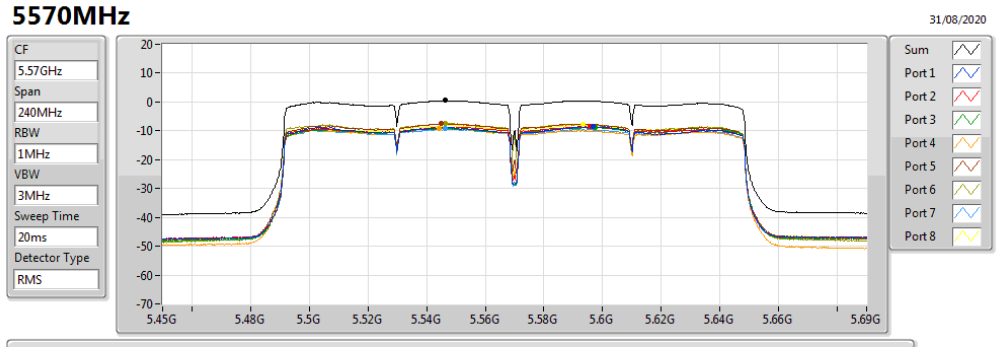
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.98	1.98	-6.94	-7.61	-7.58	-7.55	-6.96	-5.33	-7.54	-6.46

802.11ac VHT160-BF_Nss1,(MCS0)_8TX **PSD**

5570MHz



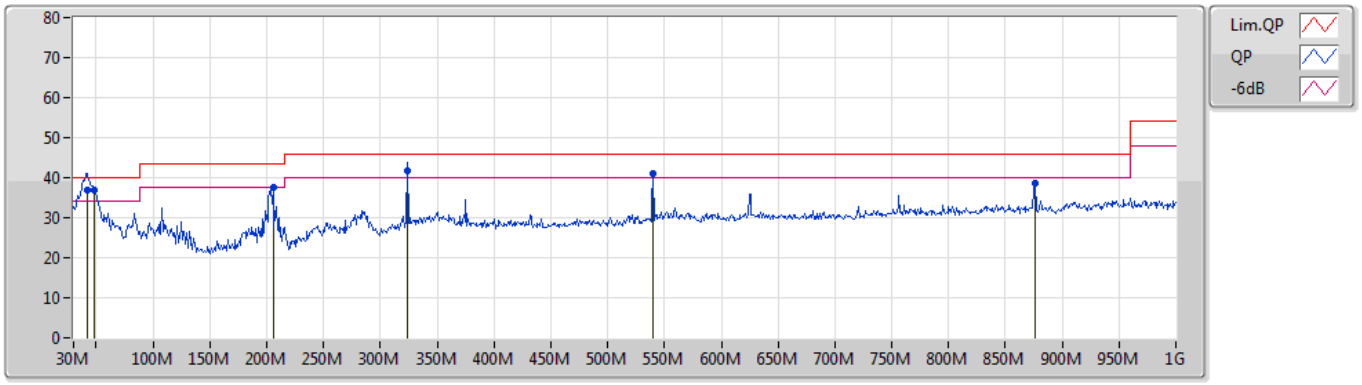
Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-8.56	-8.60	-8.74	-9.01	-7.52	-7.33	-9.31	-7.94

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	41.64M	36.98	40.00	-3.02	Vertical

Mode 1

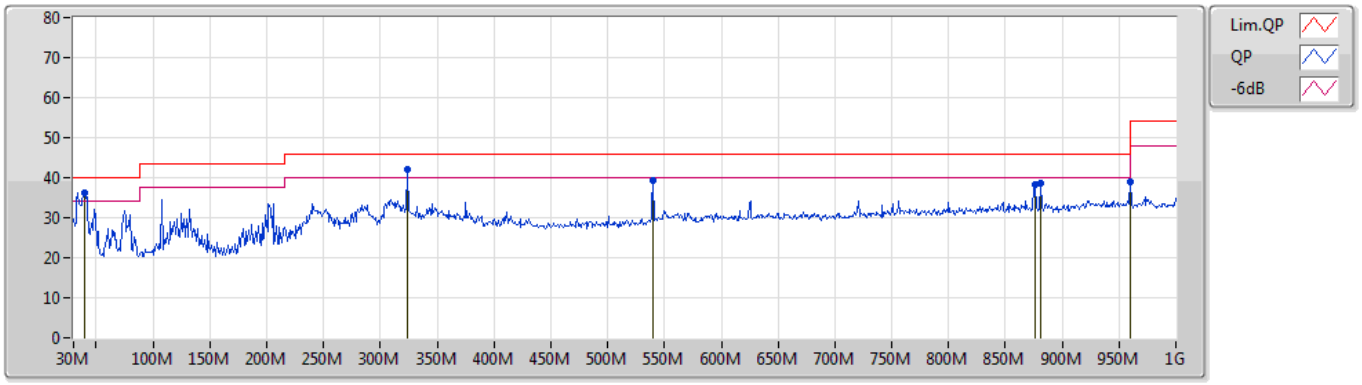
14/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	41.64M	36.98	40.00	-3.02	-9.52	3	Vertical	31	1.00	"Worst"	46.50	18.37	0.70	28.59
PK	48.43M	36.78	40.00	-3.22	-12.79	3	Vertical	0	1.00	-	49.57	15.11	0.77	28.67
PK	205.57M	37.67	43.50	-5.83	-11.00	3	Vertical	360	1.00	-	48.67	15.23	1.82	28.05
QP	323.91M	41.83	46.00	-4.17	-6.13	3	Vertical	345	1.50	-	47.96	19.51	2.30	27.94
PK	540.22M	41.06	46.00	-4.94	-1.61	3	Vertical	276	1.00	-	42.67	24.62	3.04	29.27
PK	875.84M	38.73	46.00	-7.27	1.42	3	Vertical	257	1.25	-	37.31	26.46	3.85	28.89

Mode 1

14/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	39.7M	36.19	40.00	-3.81	-8.42	3	Horizontal	180	1.25	"Worst"	44.61	19.42	0.70	28.54
PK	323.91M	42.14	46.00	-3.86	-6.13	3	Horizontal	47	1.00	-	48.27	19.51	2.30	27.94
PK	540.22M	39.19	46.00	-6.81	-1.61	3	Horizontal	97	1.50	-	40.80	24.62	3.04	29.27
PK	875.84M	38.18	46.00	-7.82	1.42	3	Horizontal	148	1.00	-	36.76	26.46	3.85	28.89
PK	880.69M	38.47	46.00	-7.53	1.44	3	Horizontal	187	1.00	-	37.03	26.44	3.86	28.86
PK	960M	38.87	54.00	-15.13	2.32	3	Horizontal	145	1.00	-	36.55	26.85	4.02	28.55

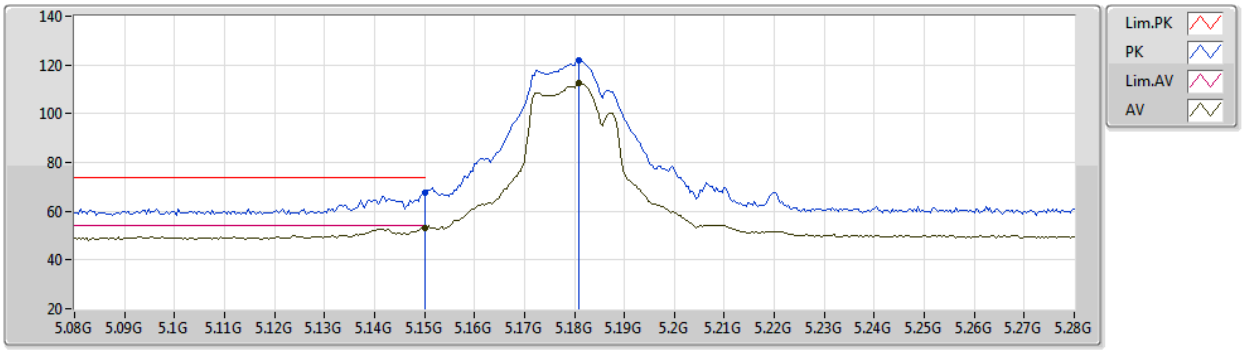
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	Pass	PK	5.7332G	68.18	68.20	-0.02	3	Vertical	348	2.40	-

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TX

28/08/2020



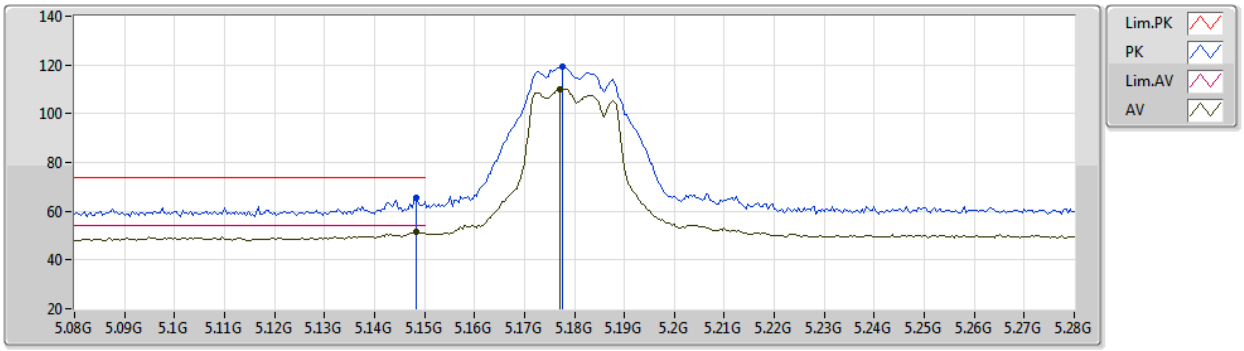
EUT Y_8TX
Setting 19
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	67.77	74.00	-6.23	62.54	3	Vertical	279	1.74	-	33.05	4.98	32.80
AV	5.15G	53.03	54.00	-0.97	47.80	3	Vertical	279	1.74	-	33.05	4.98	32.80
PK	5.1808G	121.84	Inf	-Inf	116.56	3	Vertical	279	1.74	-	33.08	4.99	32.79
AV	5.1808G	112.67	Inf	-Inf	107.39	3	Vertical	279	1.74	-	33.08	4.99	32.79

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TX

28/08/2020



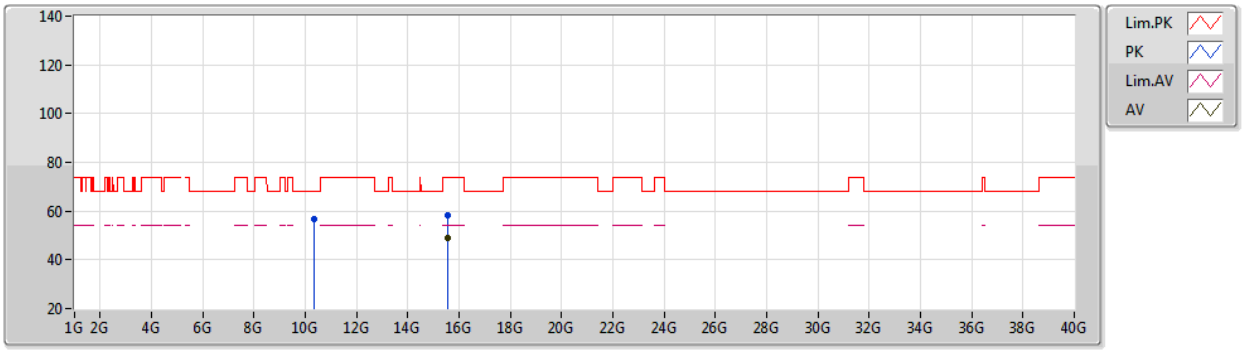
EUT Y_8TX
Setting 19
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	65.65	74.00	-8.35	60.42	3	Horizontal	189	1.43	-	33.05	4.98	32.80
AV	5.1484G	51.57	54.00	-2.43	46.34	3	Horizontal	189	1.43	-	33.05	4.98	32.80
PK	5.1776G	119.34	Inf	-Inf	114.06	3	Horizontal	189	1.43	-	33.08	4.99	32.79
AV	5.1772G	110.05	Inf	-Inf	104.77	3	Horizontal	189	1.43	-	33.08	4.99	32.79

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TX

28/08/2020



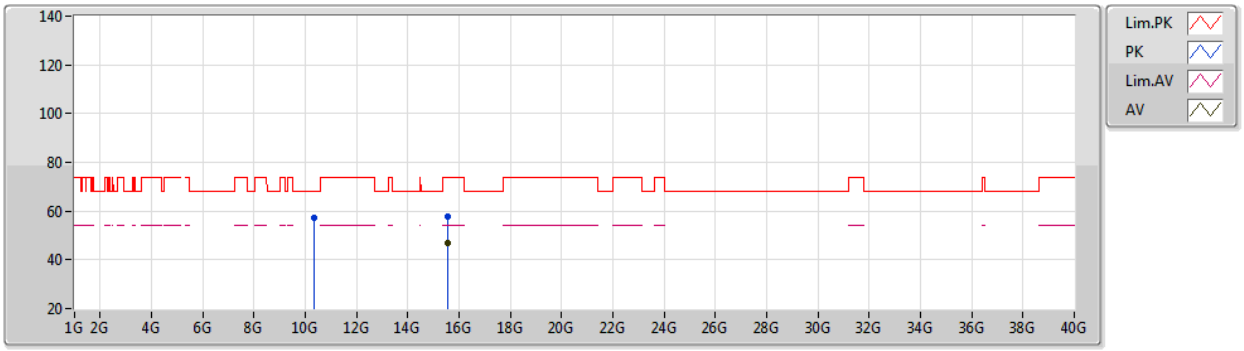
EUT Y_8TX
Setting 19
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35989G	56.49	68.20	-11.71	43.32	3	Vertical	127	2.58	-	38.89	7.60	33.32
PK	15.5399G	58.42	74.00	-15.58	44.76	3	Vertical	65	1.59	-	39.11	8.81	34.26
AV	15.53984G	48.85	54.00	-5.15	35.19	3	Vertical	65	1.59	-	39.11	8.81	34.26

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TX

28/08/2020



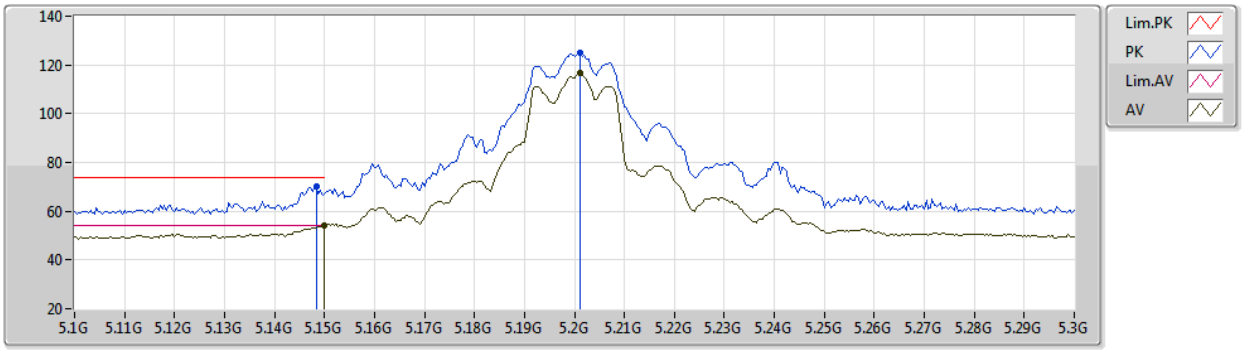
EUT Y_8TX
Setting 19
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35956G	57.31	68.20	-10.89	44.14	3	Horizontal	122	1.64	-	38.89	7.60	33.32
PK	15.54017G	57.97	74.00	-16.03	44.31	3	Horizontal	123	1.80	-	39.11	8.81	34.26
AV	15.53981G	46.84	54.00	-7.16	33.18	3	Horizontal	123	1.80	-	39.11	8.81	34.26

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TX

28/08/2020



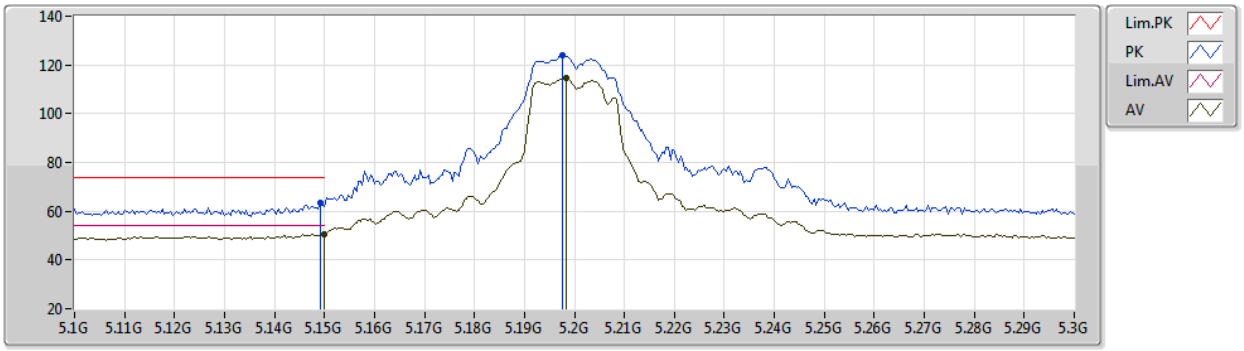
EUT Y_8TX
Setting 24
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	70.20	74.00	-3.80	64.97	3	Vertical	276	2.09	-	33.05	4.98	32.80
AV	5.15G	53.90	54.00	-0.10	48.67	3	Vertical	276	2.09	-	33.05	4.98	32.80
PK	5.2012G	125.19	Inf	-Inf	119.87	3	Vertical	276	2.09	-	33.10	5.00	32.78
AV	5.2012G	116.74	Inf	-Inf	111.42	3	Vertical	276	2.09	-	33.10	5.00	32.78

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TX

28/08/2020



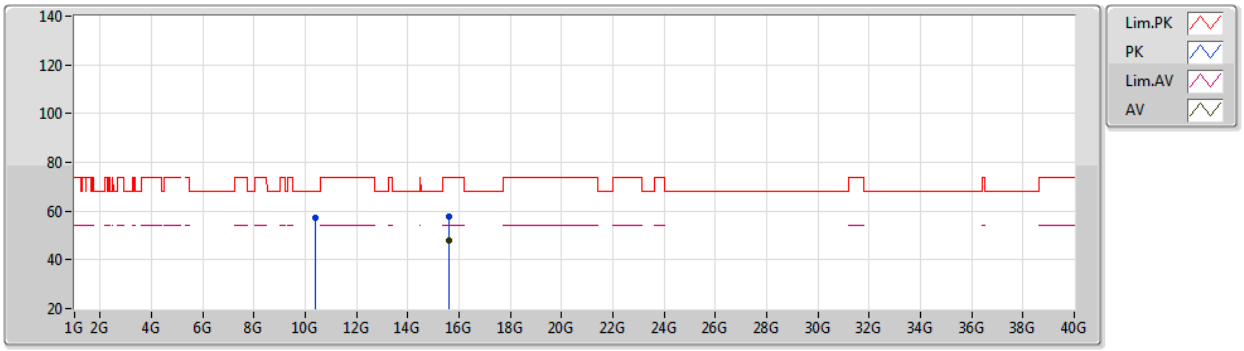
EUT Y_8TX
Setting 24
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	63.58	74.00	-10.42	58.35	3	Horizontal	189	1.68	-	33.05	4.98	32.80
AV	5.15G	50.66	54.00	-3.34	45.43	3	Horizontal	189	1.68	-	33.05	4.98	32.80
PK	5.1976G	124.02	Inf	-Inf	118.70	3	Horizontal	189	1.68	-	33.10	5.00	32.78
AV	5.1984G	114.59	Inf	-Inf	109.27	3	Horizontal	189	1.68	-	33.10	5.00	32.78

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TX

28/08/2020



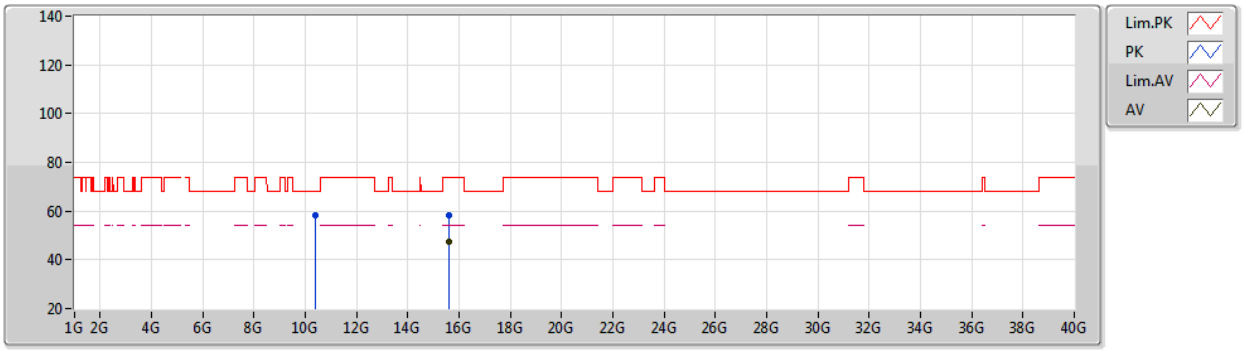
EUT Y_8TX
Setting 24
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39974G	57.03	68.20	-11.17	43.83	3	Vertical	130	2.56	-	38.92	7.63	33.35
PK	15.5997G	57.96	74.00	-16.04	44.40	3	Vertical	63	1.56	-	39.04	8.82	34.30
AV	15.59983G	47.87	54.00	-6.13	34.31	3	Vertical	63	1.56	-	39.04	8.82	34.30

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TX

28/08/2020



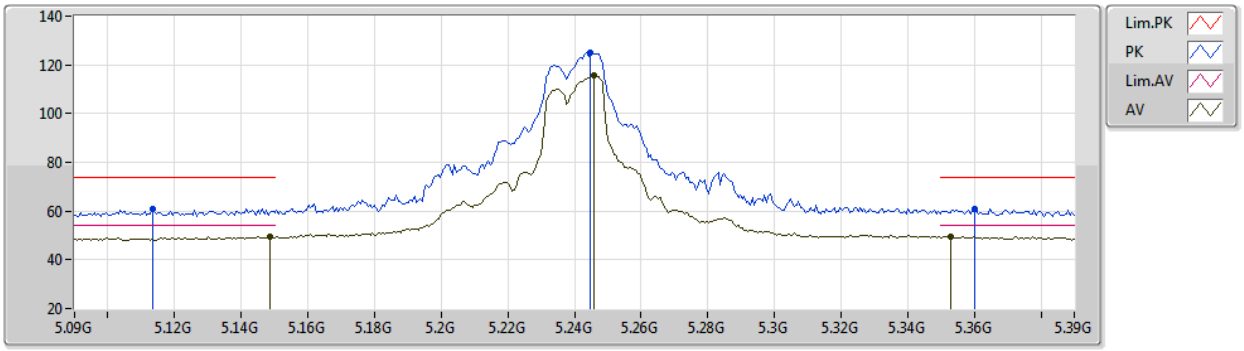
EUT Y_8TX
Setting 24
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39991G	58.19	68.20	-10.01	44.99	3	Horizontal	123	1.67	-	38.92	7.63	33.35
PK	15.5999G	58.32	74.00	-15.68	44.76	3	Horizontal	121	1.79	-	39.04	8.82	34.30
AV	15.59981G	47.56	54.00	-6.44	34.00	3	Horizontal	121	1.79	-	39.04	8.82	34.30

802.11a_Nss1,(6Mbps)_8TX

5240MHz_TX

28/08/2020



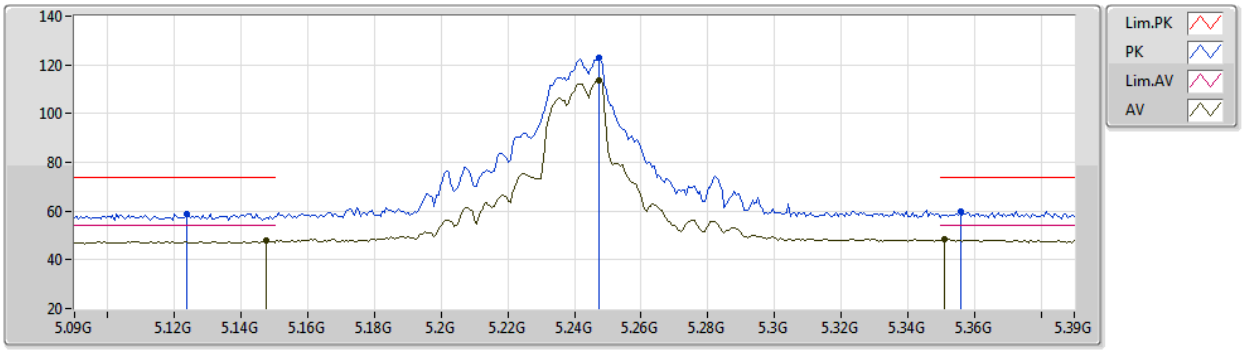
EUT Y_8TX
Setting 24
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1134G	60.78	74.00	-13.22	55.61	3	Vertical	148	2.16	-	33.01	4.97	32.81
AV	5.1488G	49.59	54.00	-4.41	44.36	3	Vertical	148	2.16	-	33.05	4.98	32.80
PK	5.2448G	125.12	Inf	-Inf	119.72	3	Vertical	148	2.16	-	33.14	5.02	32.76
AV	5.246G	115.65	Inf	-Inf	110.24	3	Vertical	148	2.16	-	33.15	5.02	32.76
PK	5.36G	61.00	74.00	-13.00	55.27	3	Vertical	148	2.16	-	33.38	5.07	32.72
AV	5.3528G	49.52	54.00	-4.48	43.81	3	Vertical	148	2.16	-	33.36	5.07	32.72

802.11a_Nss1,(6Mbps)_8TX

5240MHz_TX

28/08/2020



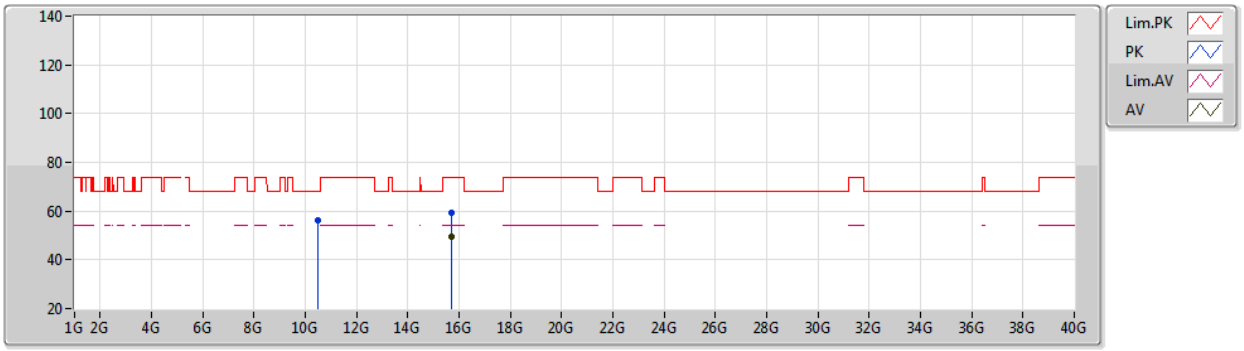
EUT Y_8TX
Setting 24
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1236G	58.99	74.00	-15.01	53.79	3	Horizontal	160	1.98	-	33.02	4.98	32.80
AV	5.1476G	47.71	54.00	-6.29	42.48	3	Horizontal	160	1.98	-	33.05	4.98	32.80
PK	5.2472G	123.00	Inf	-Inf	117.59	3	Horizontal	160	1.98	-	33.15	5.02	32.76
AV	5.2472G	113.83	Inf	-Inf	108.42	3	Horizontal	160	1.98	-	33.15	5.02	32.76
PK	5.3558G	59.79	74.00	-14.21	54.07	3	Horizontal	160	1.98	-	33.37	5.07	32.72
AV	5.351G	48.26	54.00	-5.74	42.56	3	Horizontal	160	1.98	-	33.35	5.07	32.72

802.11a_Nss1,(6Mbps)_8TX

5240MHz_TX

28/08/2020



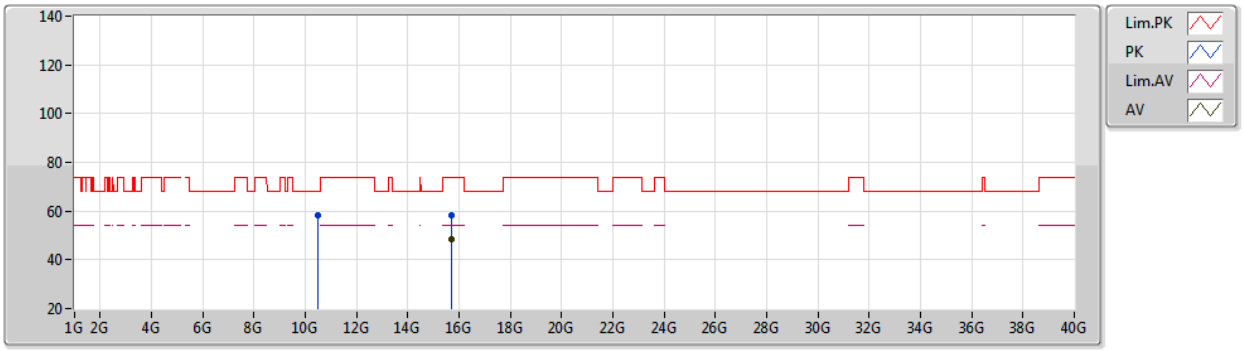
EUT Y_8TX
Setting 24
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47983G	56.38	68.20	-11.82	43.13	3	Vertical	129	2.58	-	38.98	7.68	33.41
PK	15.71977G	59.48	74.00	-14.52	46.10	3	Vertical	64	1.59	-	38.91	8.85	34.38
AV	15.71984G	49.40	54.00	-4.60	36.02	3	Vertical	64	1.59	-	38.91	8.85	34.38

802.11a_Nss1,(6Mbps)_8TX

5240MHz_TX

28/08/2020



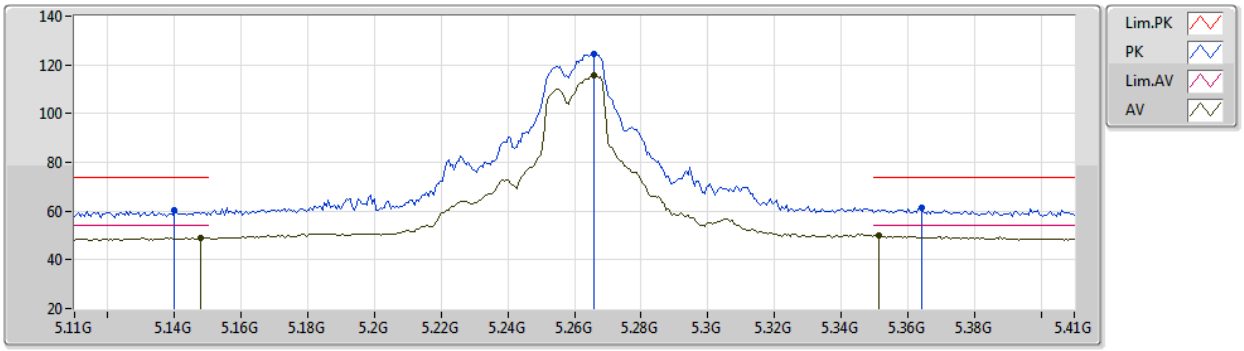
EUT Y_8TX
Setting 24
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47992G	58.09	68.20	-10.11	44.84	3	Horizontal	121	1.80	-	38.98	7.68	33.41
PK	15.71949G	58.47	74.00	-15.53	45.09	3	Horizontal	142	1.78	-	38.91	8.85	34.38
AV	15.71983G	48.41	54.00	-5.59	35.03	3	Horizontal	142	1.78	-	38.91	8.85	34.38

802.11a_Nss1,(6Mbps)_8TX

5260MHz_TX

28/08/2020



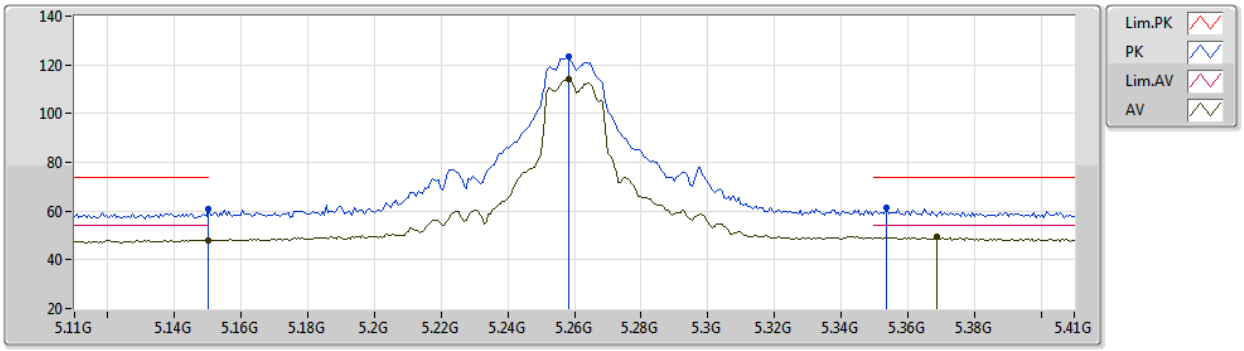
EUT Y_8TX
Setting 24
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14G	60.25	74.00	-13.75	55.03	3	Vertical	149	2.25	-	33.04	4.98	32.80
AV	5.1478G	48.96	54.00	-5.04	43.73	3	Vertical	149	2.25	-	33.05	4.98	32.80
PK	5.266G	124.52	Inf	-Inf	119.07	3	Vertical	149	2.25	-	33.17	5.03	32.75
AV	5.266G	115.59	Inf	-Inf	110.14	3	Vertical	149	2.25	-	33.17	5.03	32.75
PK	5.3644G	61.53	74.00	-12.47	55.78	3	Vertical	149	2.25	-	33.39	5.07	32.71
AV	5.3512G	50.18	54.00	-3.82	44.48	3	Vertical	149	2.25	-	33.35	5.07	32.72

802.11a_Nss1,(6Mbps)_8TX

5260MHz_TX

28/08/2020



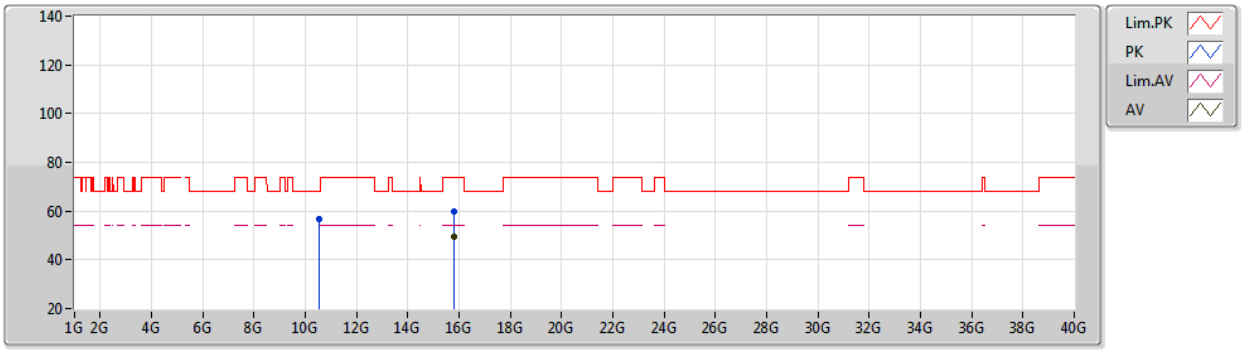
EUT Y_8TX
Setting 24
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	60.65	74.00	-13.35	55.42	3	Horizontal	187	1.88	-	33.05	4.98	32.80
AV	5.15G	48.18	54.00	-5.82	42.95	3	Horizontal	187	1.88	-	33.05	4.98	32.80
PK	5.2582G	123.29	Inf	-Inf	117.86	3	Horizontal	187	1.88	-	33.16	5.03	32.76
AV	5.2582G	113.99	Inf	-Inf	108.56	3	Horizontal	187	1.88	-	33.16	5.03	32.76
PK	5.3536G	61.14	74.00	-12.86	55.43	3	Horizontal	187	1.88	-	33.36	5.07	32.72
AV	5.3686G	49.33	54.00	-4.67	43.56	3	Horizontal	187	1.88	-	33.41	5.07	32.71

802.11a_Nss1,(6Mbps)_8TX

5260MHz_TX

28/08/2020



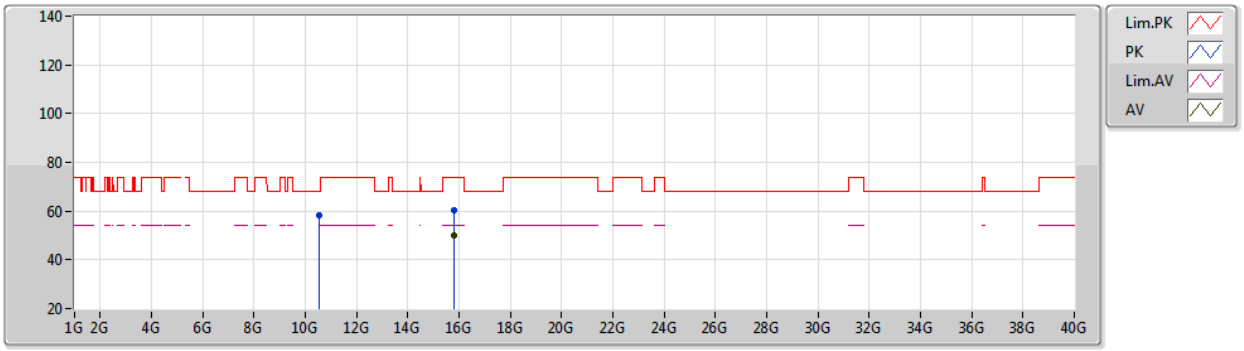
EUT Y_8TX
Setting 24
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51992G	56.47	68.20	-11.73	43.17	3	Vertical	158	1.65	-	39.02	7.71	33.43
PK	15.7799G	59.90	74.00	-14.10	46.61	3	Vertical	66	1.80	-	38.84	8.87	34.42
AV	15.77984G	49.26	54.00	-4.74	35.97	3	Vertical	66	1.80	-	38.84	8.87	34.42

802.11a_Nss1,(6Mbps)_8TX

5260MHz_TX

28/08/2020



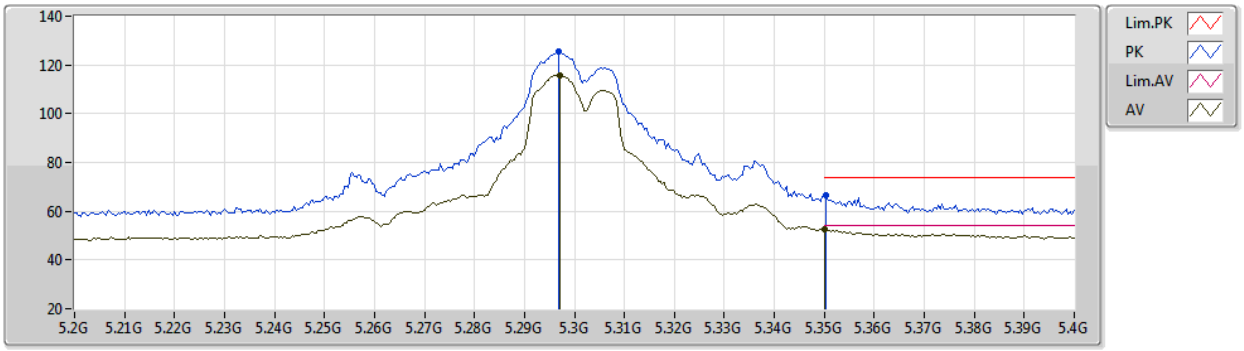
EUT Y_8TX
Setting 24
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5199G	58.18	68.20	-10.02	44.88	3	Horizontal	120	1.99	-	39.02	7.71	33.43
PK	15.77963G	60.23	74.00	-13.77	46.94	3	Horizontal	142	2.21	-	38.84	8.87	34.42
AV	15.77986G	50.04	54.00	-3.96	36.75	3	Horizontal	142	2.21	-	38.84	8.87	34.42

802.11a_Nss1,(6Mbps)_8TX

5300MHz_TX

28/08/2020



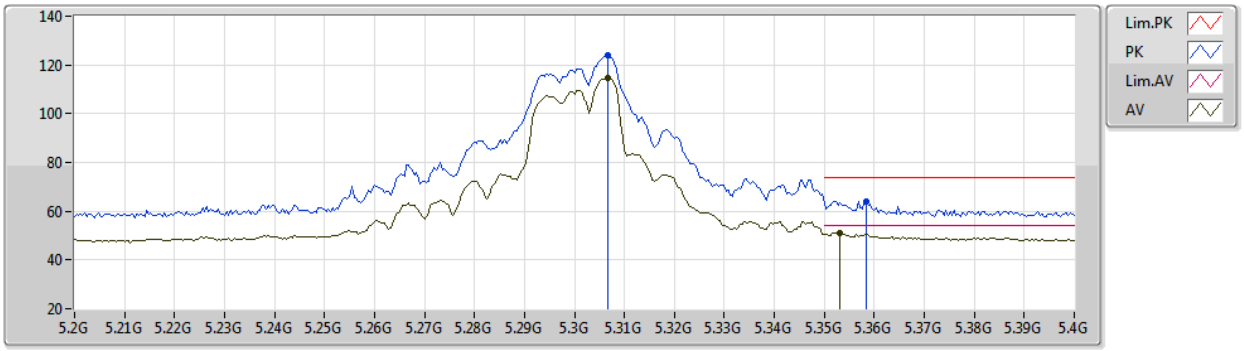
EUT Y_8TX
Setting 24
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2968G	125.32	Inf	-Inf	119.81	3	Vertical	3	1.79	-	33.20	5.05	32.74
AV	5.2972G	115.87	Inf	-Inf	110.36	3	Vertical	3	1.79	-	33.20	5.05	32.74
PK	5.3504G	66.60	74.00	-7.40	60.90	3	Vertical	3	1.79	-	33.35	5.07	32.72
AV	5.35G	52.38	54.00	-1.62	46.68	3	Vertical	3	1.79	-	33.35	5.07	32.72

802.11a_Nss1,(6Mbps)_8TX

5300MHz_TX

28/08/2020



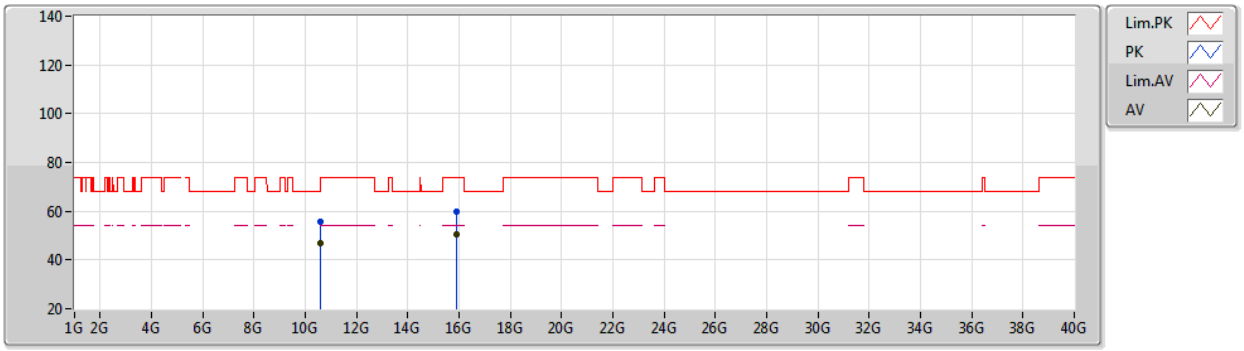
EUT Y_8TX
Setting 24
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3068G	123.80	Inf	-Inf	118.27	3	Horizontal	138	1.80	-	33.22	5.05	32.74
AV	5.3068G	114.82	Inf	-Inf	109.29	3	Horizontal	138	1.80	-	33.22	5.05	32.74
PK	5.3584G	64.18	74.00	-9.82	58.45	3	Horizontal	138	1.80	-	33.38	5.07	32.72
AV	5.3532G	51.02	54.00	-2.98	45.31	3	Horizontal	138	1.80	-	33.36	5.07	32.72

802.11a_Nss1,(6Mbps)_8TX

5300MHz_TX

28/08/2020



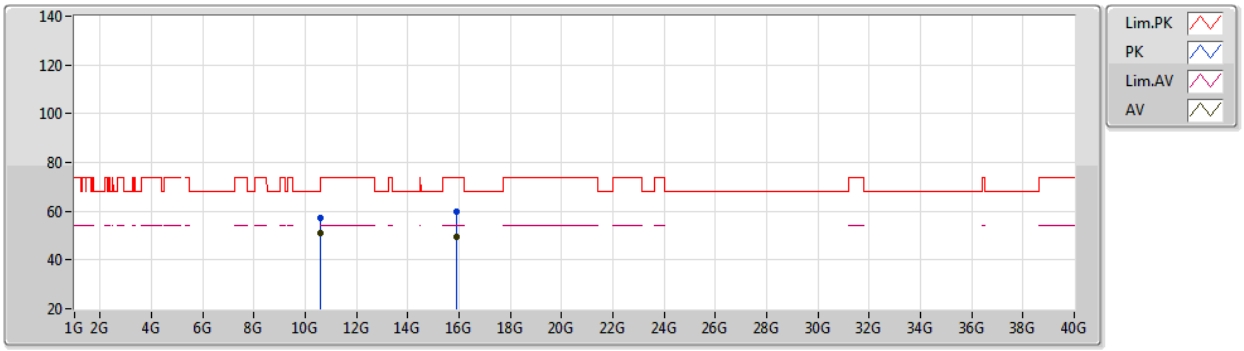
EUT Y_8TX
Setting 24
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60019G	55.71	74.00	-18.29	42.36	3	Vertical	158	1.73	-	39.08	7.76	33.49
AV	10.60004G	46.88	54.00	-7.12	33.53	3	Vertical	158	1.73	-	39.08	7.76	33.49
PK	15.89984G	59.61	74.00	-14.39	46.50	3	Vertical	65	1.59	-	38.71	8.90	34.50
AV	15.89989G	50.74	54.00	-3.26	37.63	3	Vertical	65	1.59	-	38.71	8.90	34.50

802.11a_Nss1,(6Mbps)_8TX

5300MHz_TX

28/08/2020



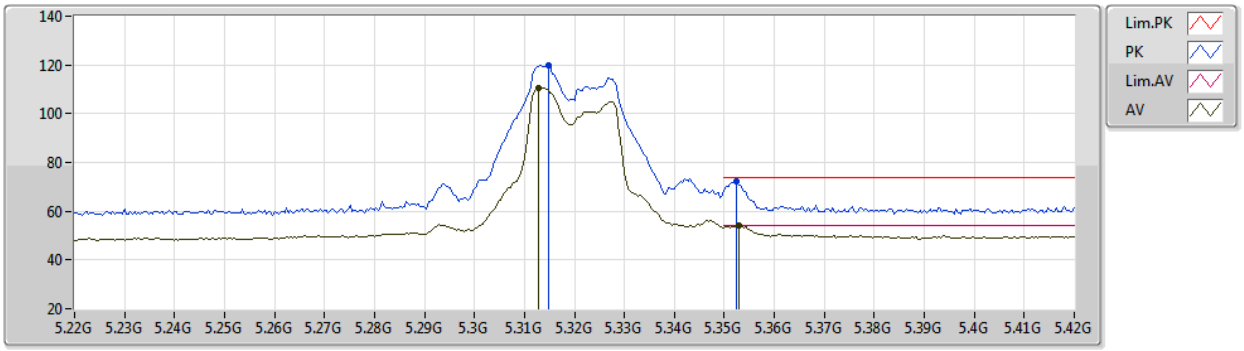
EUT Y_8TX
Setting 24
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60008G	57.47	74.00	-16.53	44.12	3	Horizontal	122	2.60	-	39.08	7.76	33.49
AV	10.6G	50.84	54.00	-3.16	37.49	3	Horizontal	122	2.60	-	39.08	7.76	33.49
PK	15.89977G	59.80	74.00	-14.20	46.69	3	Horizontal	140	1.80	-	38.71	8.90	34.50
AV	15.89985G	49.39	54.00	-4.61	36.28	3	Horizontal	140	1.80	-	38.71	8.90	34.50

802.11a_Nss1,(6Mbps)_8TX

5320MHz_TX

28/08/2020



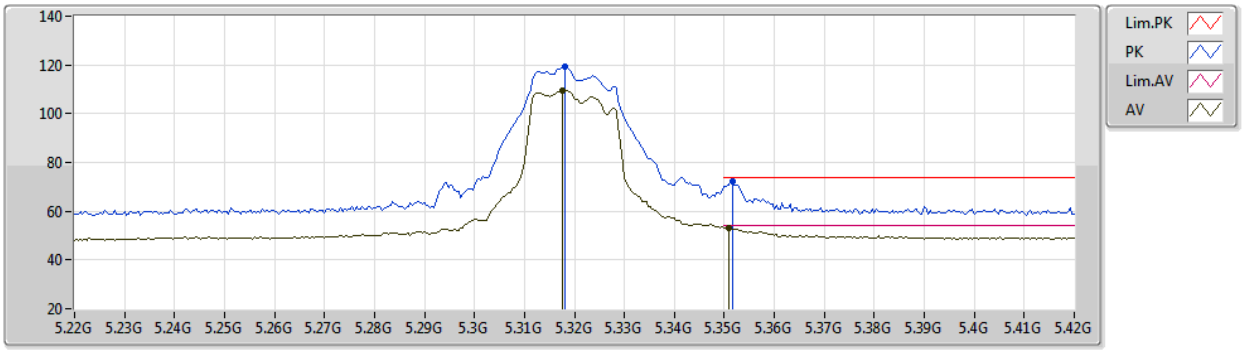
EUT Y_8TX
Setting 19.5
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3148G	120.06	Inf	-Inf	114.50	3	Vertical	318	2.28	-	33.24	5.05	32.73
AV	5.3128G	110.58	Inf	-Inf	105.02	3	Vertical	318	2.28	-	33.24	5.05	32.73
PK	5.3524G	72.18	74.00	-1.82	66.47	3	Vertical	318	2.28	-	33.36	5.07	32.72
AV	5.3528G	53.92	54.00	-0.08	48.21	3	Vertical	318	2.28	-	33.36	5.07	32.72

802.11a_Nss1,(6Mbps)_8TX

5320MHz_TX

28/08/2020



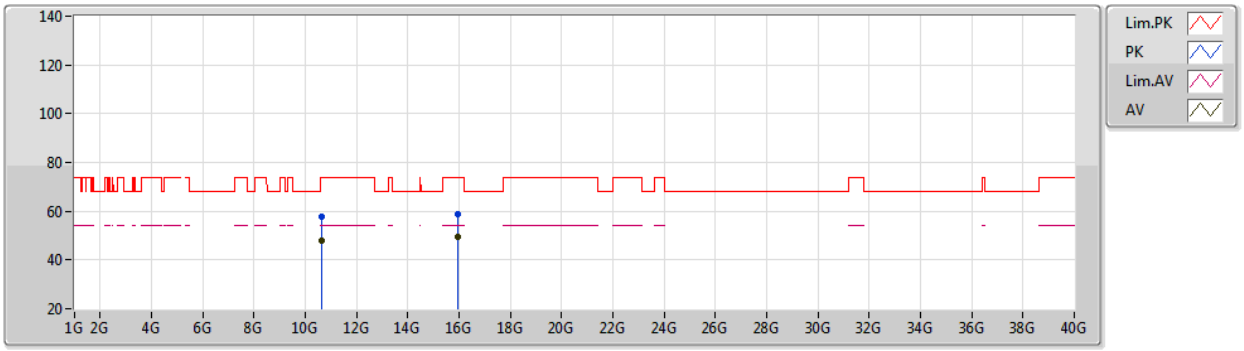
EUT Y_8TX
Setting 19.5
04-D-P-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.318G	119.25	Inf	-Inf	113.67	3	Horizontal	188	1.52	-	33.25	5.06	32.73
AV	5.3176G	109.71	Inf	-Inf	104.13	3	Horizontal	188	1.52	-	33.25	5.06	32.73
PK	5.3516G	72.10	74.00	-1.90	66.40	3	Horizontal	188	1.52	-	33.35	5.07	32.72
AV	5.3508G	53.34	54.00	-0.66	47.64	3	Horizontal	188	1.52	-	33.35	5.07	32.72

802.11a_Nss1,(6Mbps)_8TX

5320MHz_TX

28/08/2020



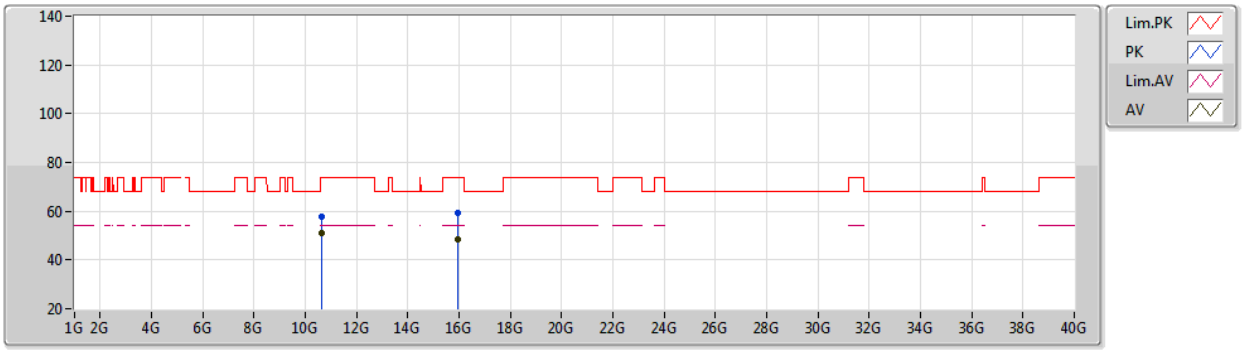
EUT Y_8TX
Setting 19.5
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63984G	57.78	74.00	-16.22	44.40	3	Vertical	157	1.76	-	39.11	7.79	33.52
AV	10.63988G	47.74	54.00	-6.26	34.36	3	Vertical	157	1.76	-	39.11	7.79	33.52
PK	15.9594G	58.64	74.00	-15.36	45.63	3	Vertical	64	1.61	-	38.64	8.91	34.54
AV	15.95972G	49.48	54.00	-4.52	36.47	3	Vertical	64	1.61	-	38.64	8.91	34.54

802.11a_Nss1,(6Mbps)_8TX

5320MHz_TX

28/08/2020



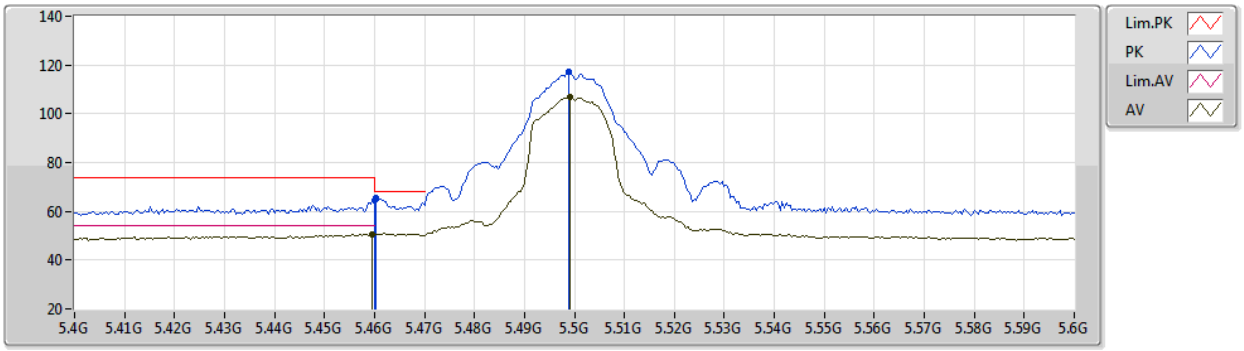
EUT Y_8TX
Setting 19.5
04-D-P-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63987G	58.00	74.00	-16.00	44.62	3	Horizontal	122	2.57	-	39.11	7.79	33.52
AV	10.63984G	51.09	54.00	-2.91	37.71	3	Horizontal	122	2.57	-	39.11	7.79	33.52
PK	15.95977G	59.14	74.00	-14.86	46.13	3	Horizontal	139	1.80	-	38.64	8.91	34.54
AV	15.95984G	48.70	54.00	-5.30	35.69	3	Horizontal	139	1.80	-	38.64	8.91	34.54

802.11a_Nss1,(6Mbps)_8TX

5500MHz_TX

28/08/2020



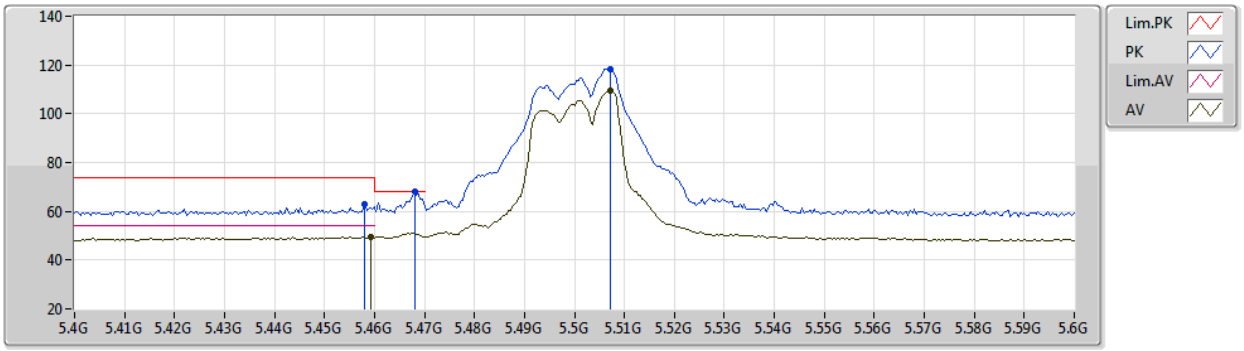
EUT Y_8TX
Setting 17.5
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	64.25	74.00	-9.75	58.15	3	Vertical	251	1.98	-	33.68	5.10	32.68
AV	5.4596G	50.73	54.00	-3.27	44.63	3	Vertical	251	1.98	-	33.68	5.10	32.68
PK	5.4604G	65.54	68.20	-2.66	59.44	3	Vertical	251	1.98	-	33.68	5.10	32.68
PK	5.4988G	117.17	Inf	-Inf	110.92	3	Vertical	251	1.98	-	33.80	5.12	32.67
AV	5.4992G	107.05	Inf	-Inf	100.80	3	Vertical	251	1.98	-	33.80	5.12	32.67

802.11a_Nss1,(6Mbps)_8TX

5500MHz_TX

28/08/2020



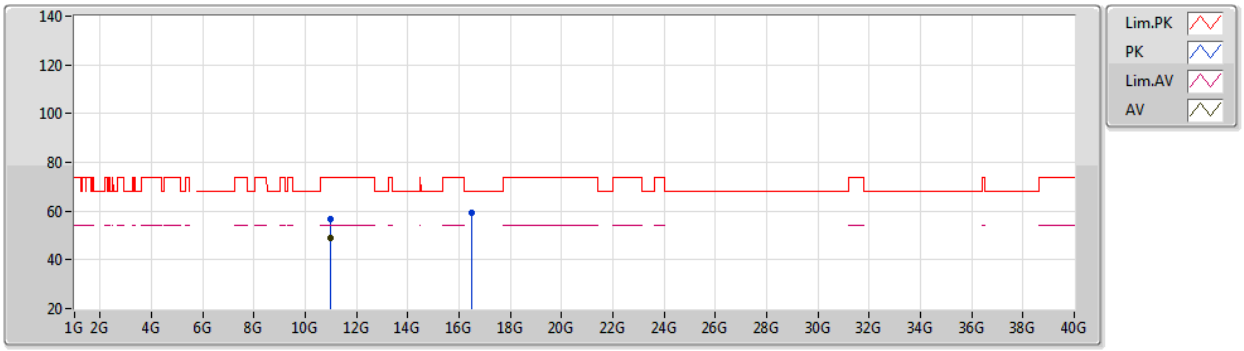
EUT Y_8TX
Setting 17.5
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.458G	63.00	74.00	-11.00	56.91	3	Horizontal	138	1.74	-	33.67	5.10	32.68
AV	5.4592G	49.58	54.00	-4.42	43.48	3	Horizontal	138	1.74	-	33.68	5.10	32.68
PK	5.468G	67.99	68.20	-0.21	61.86	3	Horizontal	138	1.74	-	33.70	5.11	32.68
PK	5.5072G	118.29	Inf	-Inf	112.03	3	Horizontal	138	1.74	-	33.81	5.12	32.67
AV	5.5072G	109.45	Inf	-Inf	103.19	3	Horizontal	138	1.74	-	33.81	5.12	32.67

802.11a_Nss1,(6Mbps)_8TX

5500MHz_TX

28/08/2020



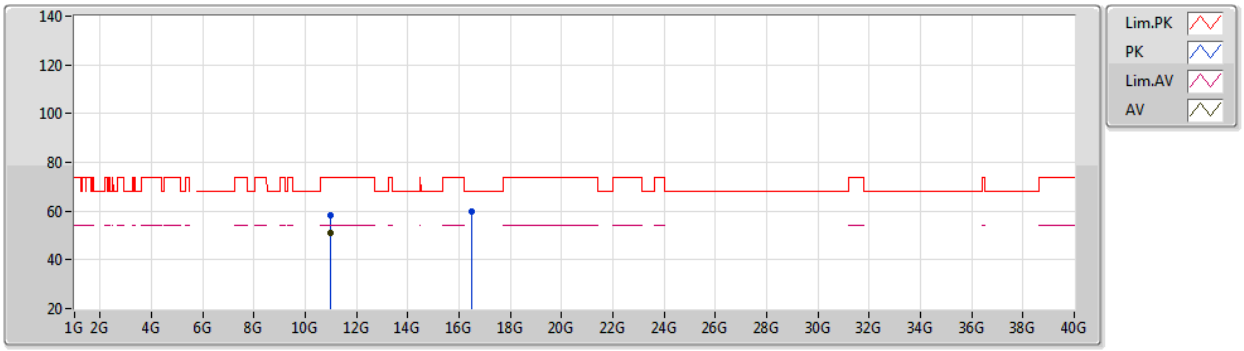
EUT Y_8TX
Setting 17.5
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99992G	56.83	74.00	-17.17	43.18	3	Vertical	90	1.64	-	39.40	8.03	33.78
AV	10.99984G	48.94	54.00	-5.06	35.29	3	Vertical	90	1.64	-	39.40	8.03	33.78
PK	16.49488G	59.30	68.20	-8.90	44.87	3	Vertical	62	2.10	-	39.69	9.26	34.52

802.11a_Nss1,(6Mbps)_8TX

5500MHz_TX

28/08/2020



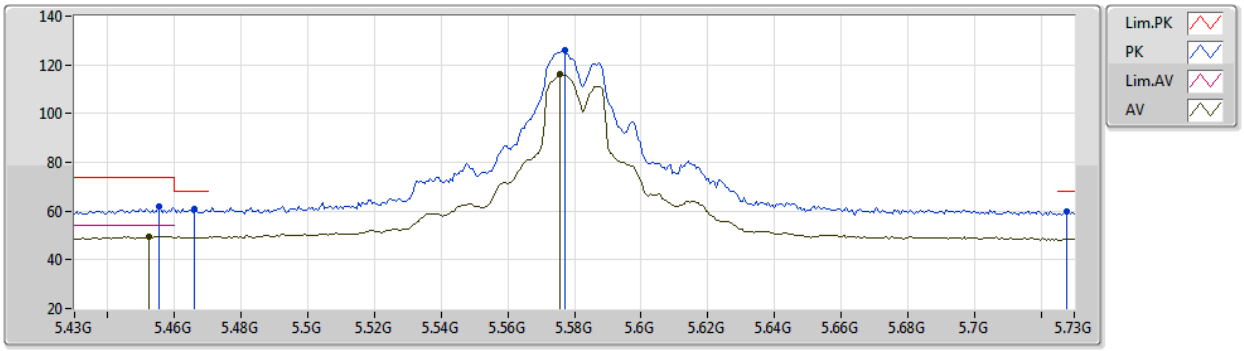
EUT Y_8TX
Setting 17.5
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99992G	58.07	74.00	-15.93	44.42	3	Horizontal	119	2.04	-	39.40	8.03	33.78
AV	10.9998G	51.06	54.00	-2.94	37.41	3	Horizontal	119	2.04	-	39.40	8.03	33.78
PK	16.49064G	59.61	68.20	-8.59	45.20	3	Horizontal	126	1.88	-	39.68	9.25	34.52

802.11a_Nss1,(6Mbps)_8TX

5580MHz_TX

28/08/2020



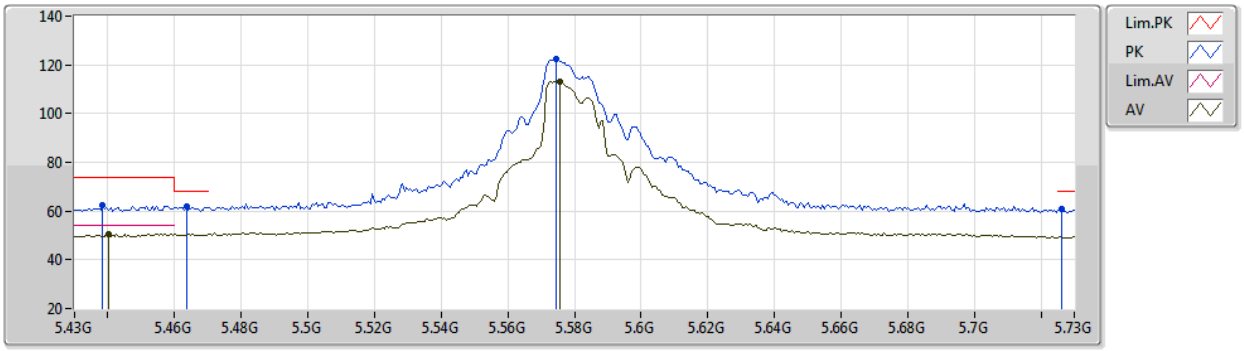
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4552G	61.74	74.00	-12.26	55.65	3	Vertical	360	1.62	-	33.67	5.10	32.68
AV	5.4522G	49.67	54.00	-4.33	43.59	3	Vertical	360	1.62	-	33.66	5.10	32.68
PK	5.466G	61.07	68.20	-7.13	54.94	3	Vertical	360	1.62	-	33.70	5.11	32.68
PK	5.577G	126.14	Inf	-Inf	119.74	3	Vertical	360	1.62	-	33.95	5.15	32.70
AV	5.5758G	116.30	Inf	-Inf	109.90	3	Vertical	360	1.62	-	33.95	5.15	32.70
PK	5.7276G	59.86	68.20	-8.34	53.24	3	Vertical	360	1.62	-	34.16	5.21	32.75

802.11a_Nss1,(6Mbps)_8TX

5580MHz_TX

28/08/2020



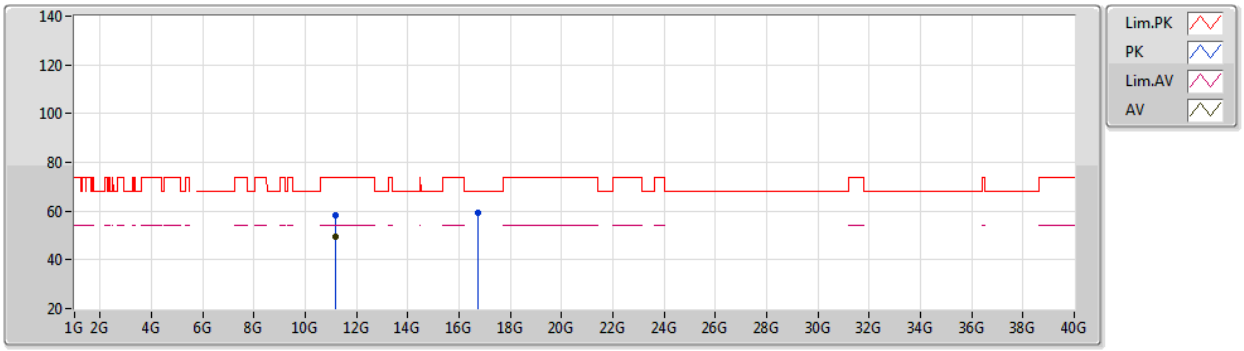
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4384G	62.16	74.00	-11.84	56.13	3	Horizontal	182	1.47	-	33.62	5.10	32.69
AV	5.4402G	50.41	54.00	-3.59	44.38	3	Horizontal	182	1.47	-	33.62	5.10	32.69
PK	5.4636G	61.75	68.20	-6.45	55.63	3	Horizontal	182	1.47	-	33.69	5.11	32.68
PK	5.5746G	122.48	Inf	-Inf	116.08	3	Horizontal	182	1.47	-	33.95	5.15	32.70
AV	5.5758G	113.14	Inf	-Inf	106.74	3	Horizontal	182	1.47	-	33.95	5.15	32.70
PK	5.7264G	61.07	68.20	-7.13	54.46	3	Horizontal	182	1.47	-	34.15	5.21	32.75

802.11a_Nss1,(6Mbps)_8TX

5580MHz_TX

28/08/2020



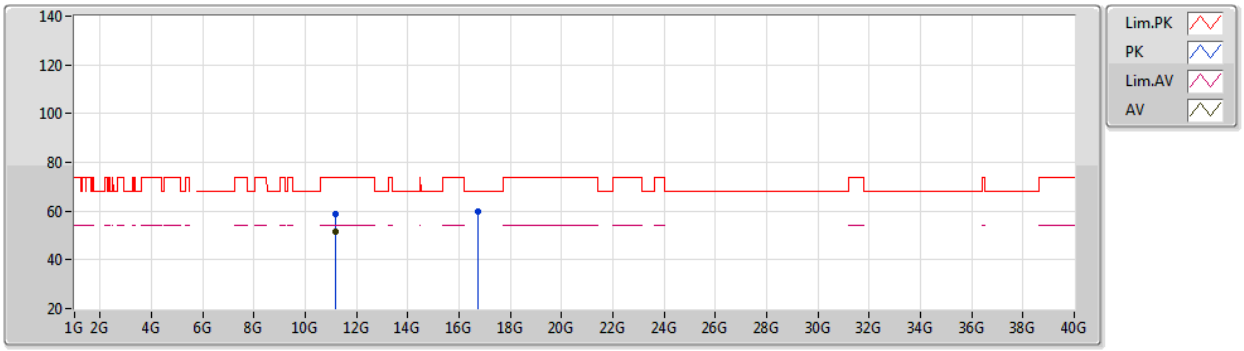
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15994G	58.31	74.00	-15.69	44.85	3	Vertical	92	1.72	-	39.32	8.02	33.88
AV	11.15988G	49.51	54.00	-4.49	36.05	3	Vertical	92	1.72	-	39.32	8.02	33.88
PK	16.72842G	59.44	68.20	-8.76	44.32	3	Vertical	67	1.52	-	40.20	9.42	34.50

802.11a_Nss1,(6Mbps)_8TX

5580MHz_TX

28/08/2020



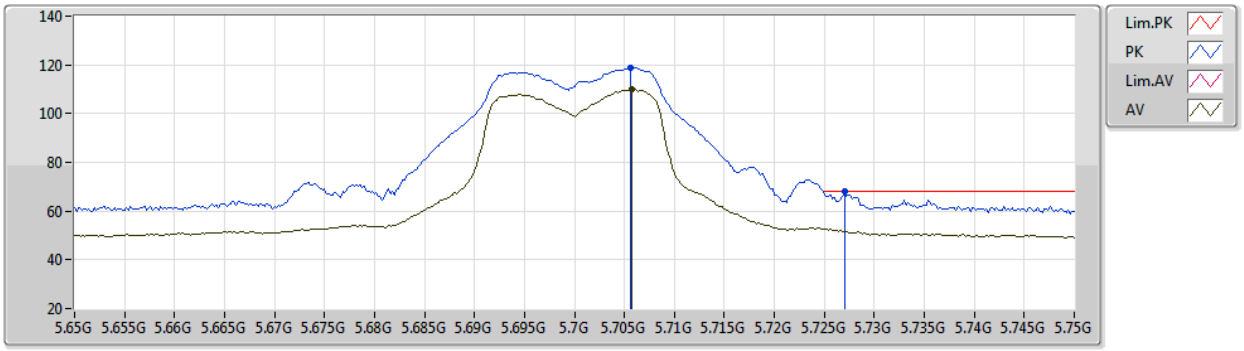
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15985G	59.05	74.00	-14.95	45.59	3	Horizontal	147	3.00	-	39.32	8.02	33.88
AV	11.15988G	51.50	54.00	-2.50	38.04	3	Horizontal	147	3.00	-	39.32	8.02	33.88
PK	16.7397G	60.06	68.20	-8.14	44.91	3	Horizontal	119	2.98	-	40.23	9.42	34.50

802.11a_Nss1,(6Mbps)_8TX

5700MHz_TX

28/08/2020



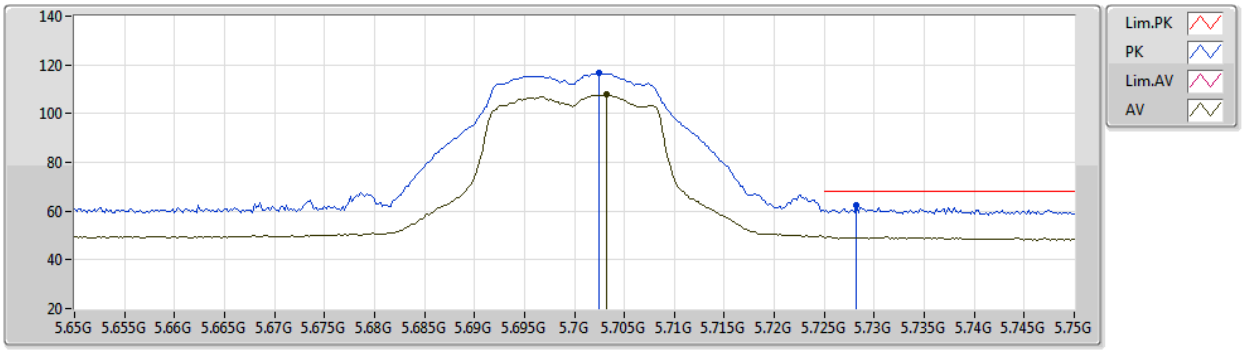
EUT Y_8TX
Setting 17.5
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7056G	119.03	Inf	-Inf	112.46	3	Vertical	346	1.83	-	34.11	5.20	32.74
AV	5.7058G	110.16	Inf	-Inf	103.59	3	Vertical	346	1.83	-	34.11	5.20	32.74
PK	5.727G	67.96	68.20	-0.24	61.35	3	Vertical	346	1.83	-	34.15	5.21	32.75

802.11a_Nss1,(6Mbps)_8TX

5700MHz_TX

28/08/2020



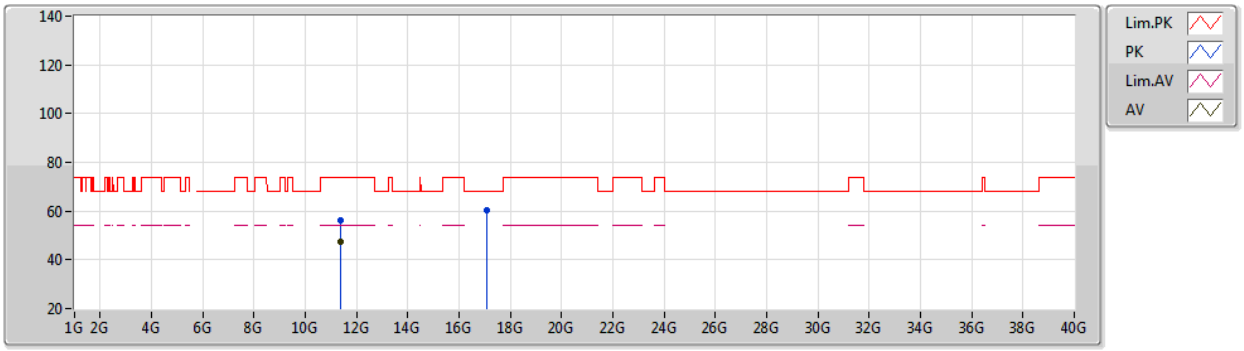
EUT Y_8TX
Setting 17.5
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7024G	116.65	Inf	-Inf	110.09	3	Horizontal	165	2.38	-	34.10	5.20	32.74
AV	5.7032G	107.78	Inf	-Inf	101.21	3	Horizontal	165	2.38	-	34.11	5.20	32.74
PK	5.7282G	62.33	68.20	-5.87	55.71	3	Horizontal	165	2.38	-	34.16	5.21	32.75

802.11a_Nss1,(6Mbps)_8TX

5700MHz_TX

28/08/2020



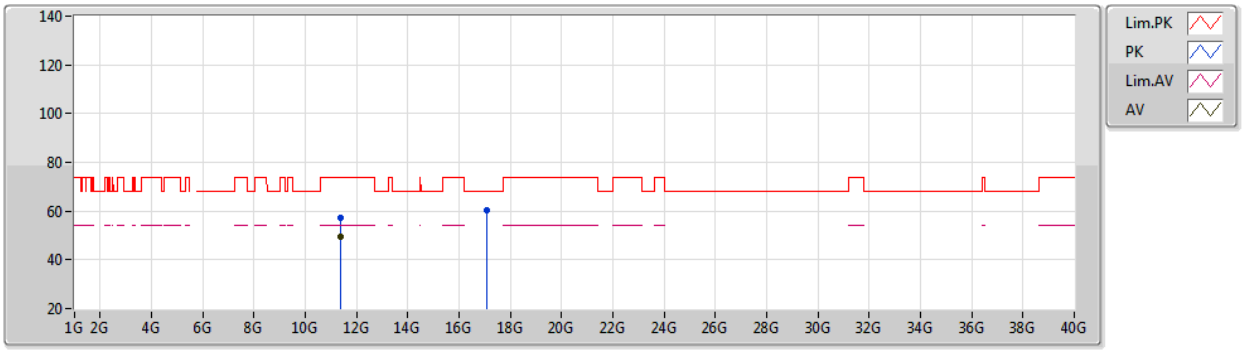
EUT Y_8TX
Setting 17.5
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39956G	56.10	74.00	-17.90	42.91	3	Vertical	92	1.32	-	39.20	8.01	34.02
AV	11.39984G	47.25	54.00	-6.75	34.06	3	Vertical	92	1.32	-	39.20	8.01	34.02
PK	17.09904G	60.57	68.20	-7.63	44.53	3	Vertical	231	1.41	-	40.89	9.62	34.47

802.11a_Nss1,(6Mbps)_8TX

5700MHz_TX

28/08/2020



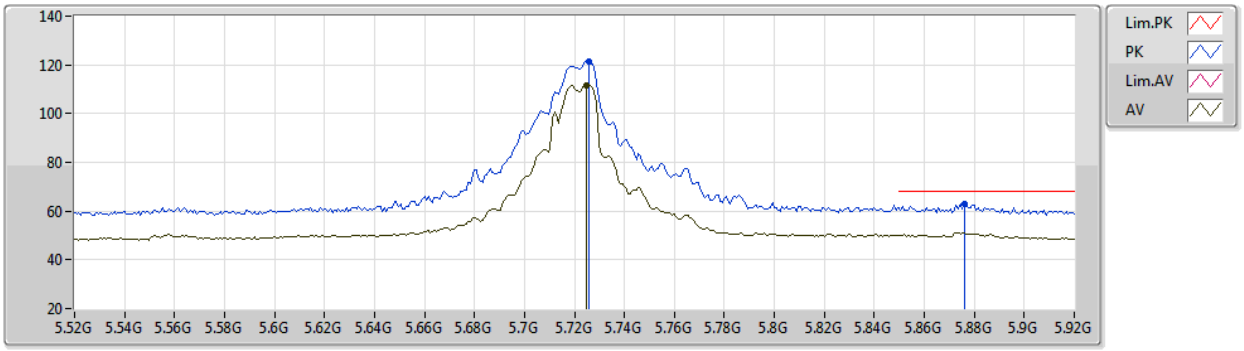
EUT Y_8TX
Setting 17.5
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39996G	57.24	74.00	-16.76	44.05	3	Horizontal	128	2.03	-	39.20	8.01	34.02
AV	11.39978G	49.29	54.00	-4.71	36.10	3	Horizontal	128	2.03	-	39.20	8.01	34.02
PK	17.10224G	60.48	68.20	-7.72	44.45	3	Horizontal	17	1.55	-	40.89	9.62	34.48

802.11a_Nss1,(6Mbps)_8TX

28/08/2020

5720MHz Straddle 5.47-5.725GHz_TX



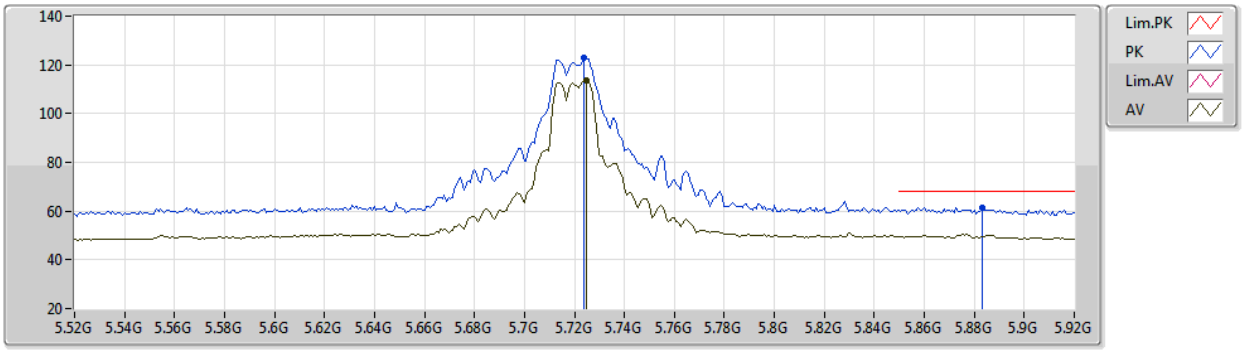
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7256G	121.54	Inf	-Inf	114.93	3	Vertical	330	2.34	-	34.15	5.21	32.75
AV	5.7248G	111.63	Inf	-Inf	105.01	3	Vertical	330	2.34	-	34.15	5.21	32.74
PK	5.876G	62.95	68.20	-5.25	55.71	3	Vertical	330	2.34	-	34.76	5.27	32.79

802.11a_Nss1,(6Mbps)_8TX

28/08/2020

5720MHz Straddle 5.47-5.725GHz_TX



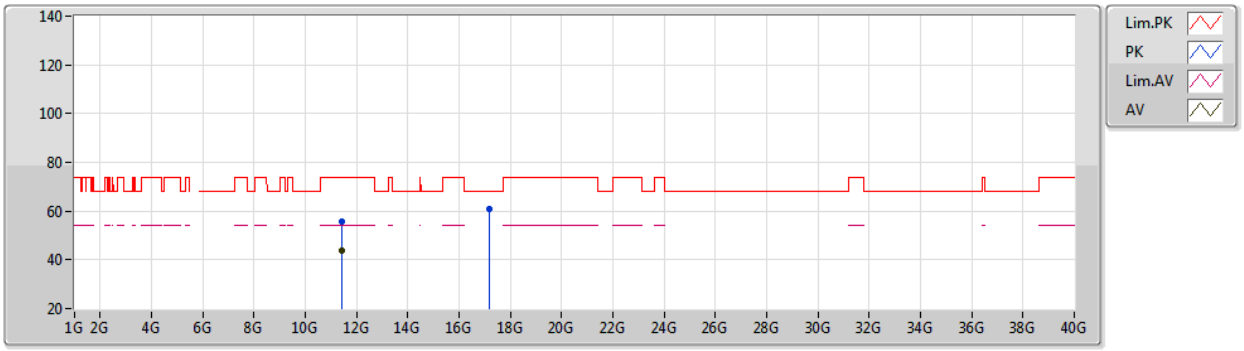
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.724G	122.79	Inf	-Inf	116.17	3	Horizontal	157	1.48	-	34.15	5.21	32.74
AV	5.7248G	113.74	Inf	-Inf	107.12	3	Horizontal	157	1.48	-	34.15	5.21	32.74
PK	5.8832G	61.48	68.20	-6.72	54.20	3	Horizontal	157	1.48	-	34.80	5.27	32.79

802.11a_Nss1,(6Mbps)_8TX

5720MHz Straddle 5.47-5.725GHz_TX

28/08/2020



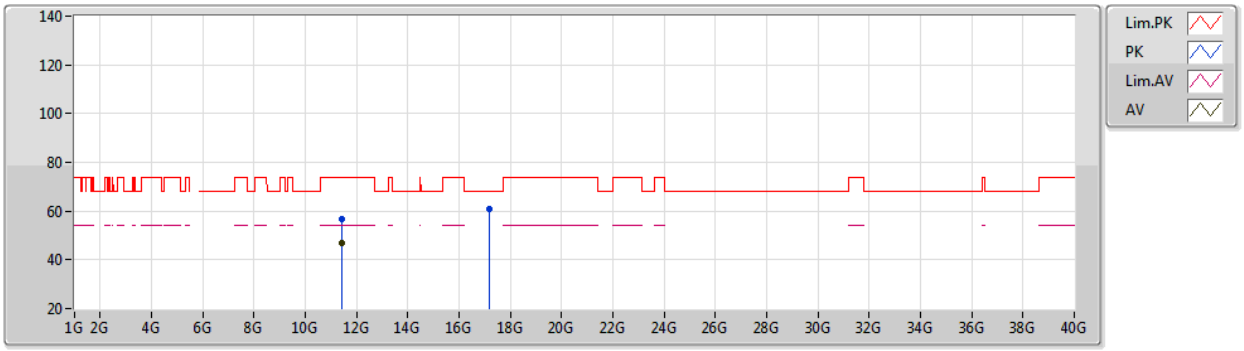
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44128G	55.85	74.00	-18.15	42.70	3	Vertical	271	1.80	-	39.18	8.01	34.04
AV	11.43987G	43.82	54.00	-10.18	30.67	3	Vertical	271	1.80	-	39.18	8.01	34.04
PK	17.16035G	60.66	68.20	-7.54	44.57	3	Vertical	320	1.65	-	40.94	9.63	34.48

802.11a_Nss1,(6Mbps)_8TX

5720MHz Straddle 5.47-5.725GHz_TX

28/08/2020



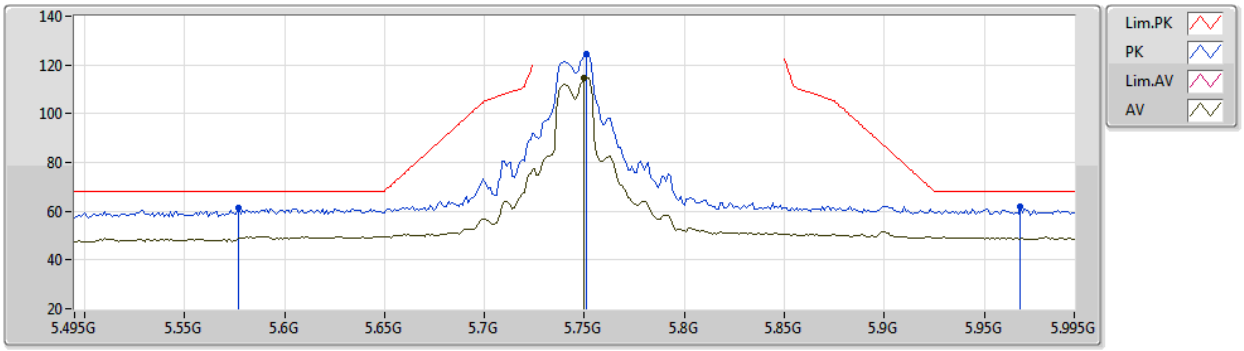
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.43962G	56.83	74.00	-17.17	43.68	3	Horizontal	169	1.79	-	39.18	8.01	34.04
AV	11.43991G	47.01	54.00	-6.99	33.86	3	Horizontal	169	1.79	-	39.18	8.01	34.04
PK	17.16191G	60.81	68.20	-7.39	44.71	3	Horizontal	156	1.98	-	40.95	9.63	34.48

802.11a_Nss1,(6Mbps)_8TX

5745MHz_TX

28/08/2020



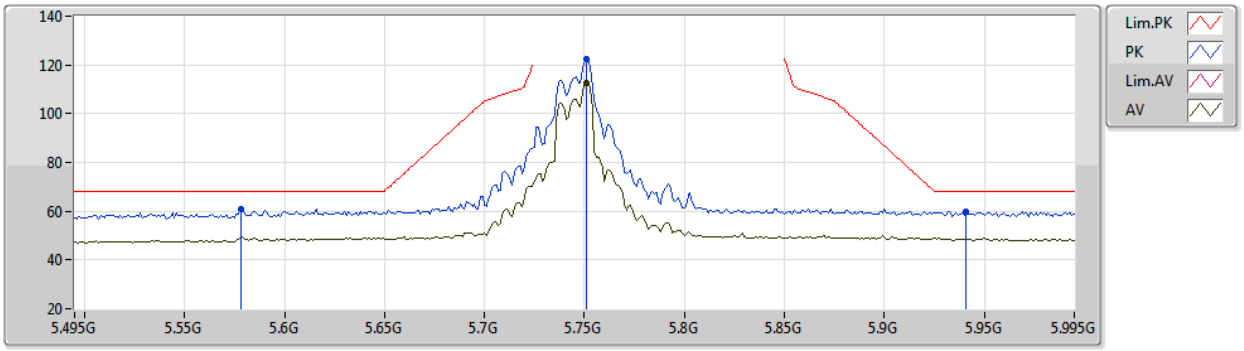
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.577G	61.18	68.20	-7.02	54.78	3	Vertical	351	1.83	-	33.95	5.15	32.70
PK	5.751G	124.37	Inf	-Inf	117.70	3	Vertical	351	1.83	-	34.20	5.22	32.75
AV	5.75G	114.85	Inf	-Inf	108.18	3	Vertical	351	1.83	-	34.20	5.22	32.75
PK	5.968G	61.88	68.20	-6.32	54.22	3	Vertical	351	1.83	-	35.17	5.31	32.82

802.11a_Nss1,(6Mbps)_8TX

5745MHz_TX

28/08/2020



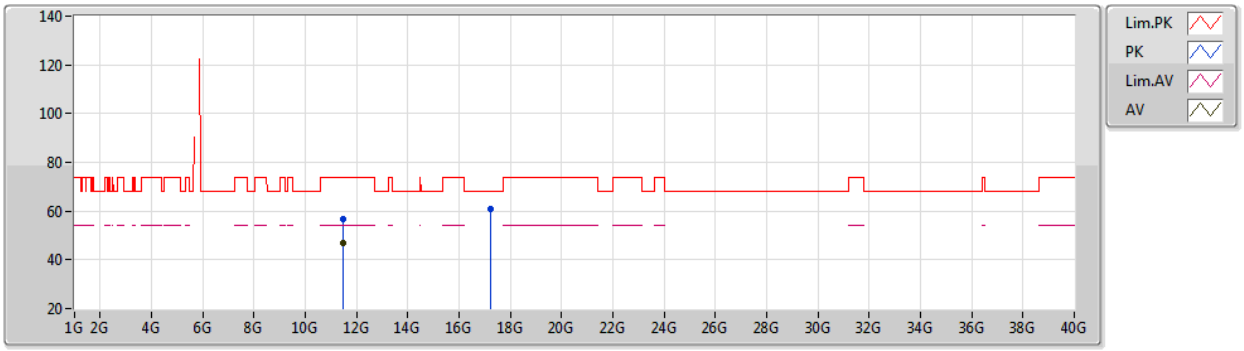
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.578G	61.12	68.20	-7.08	54.71	3	Horizontal	220	1.80	-	33.96	5.15	32.70
PK	5.751G	122.20	Inf	-Inf	115.53	3	Horizontal	220	1.80	-	34.20	5.22	32.75
AV	5.751G	112.71	Inf	-Inf	106.04	3	Horizontal	220	1.80	-	34.20	5.22	32.75
PK	5.941G	60.01	68.20	-8.19	52.46	3	Horizontal	220	1.80	-	35.06	5.30	32.81

802.11a_Nss1,(6Mbps)_8TX

5745MHz_TX

28/08/2020



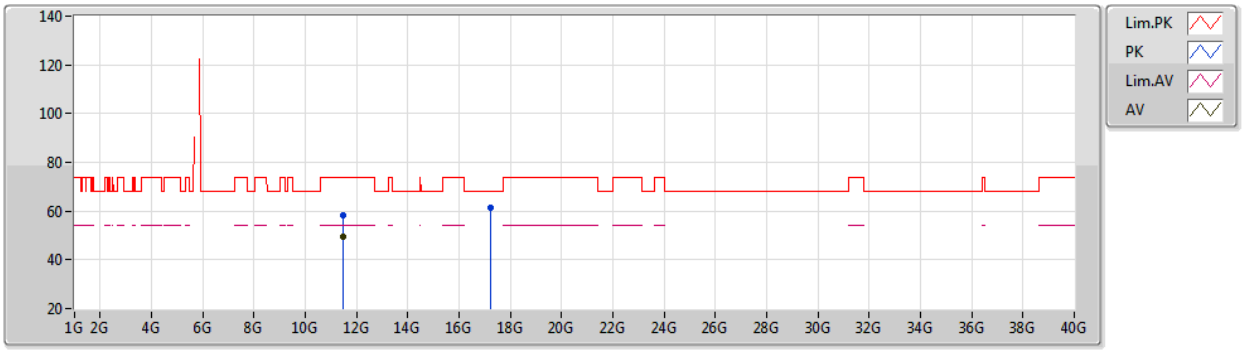
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48993G	56.93	74.00	-17.07	43.83	3	Vertical	70	1.89	-	39.16	8.01	34.07
AV	11.48989G	46.84	54.00	-7.16	33.74	3	Vertical	70	1.89	-	39.16	8.01	34.07
PK	17.23454G	60.61	68.20	-7.59	44.43	3	Vertical	313	1.70	-	41.01	9.65	34.48

802.11a_Nss1,(6Mbps)_8TX

5745MHz_TX

28/08/2020



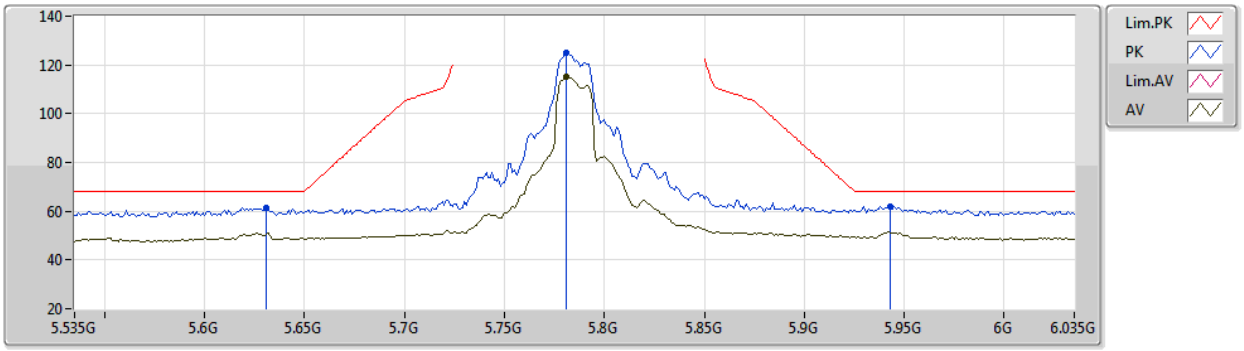
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48989G	58.03	74.00	-15.97	44.93	3	Horizontal	169	1.84	-	39.16	8.01	34.07
AV	11.48987G	49.56	54.00	-4.44	36.46	3	Horizontal	169	1.84	-	39.16	8.01	34.07
PK	17.23405G	61.28	68.20	-6.92	45.10	3	Horizontal	205	1.67	-	41.01	9.65	34.48

802.11a_Nss1,(6Mbps)_8TX

5785MHz_TX

28/08/2020



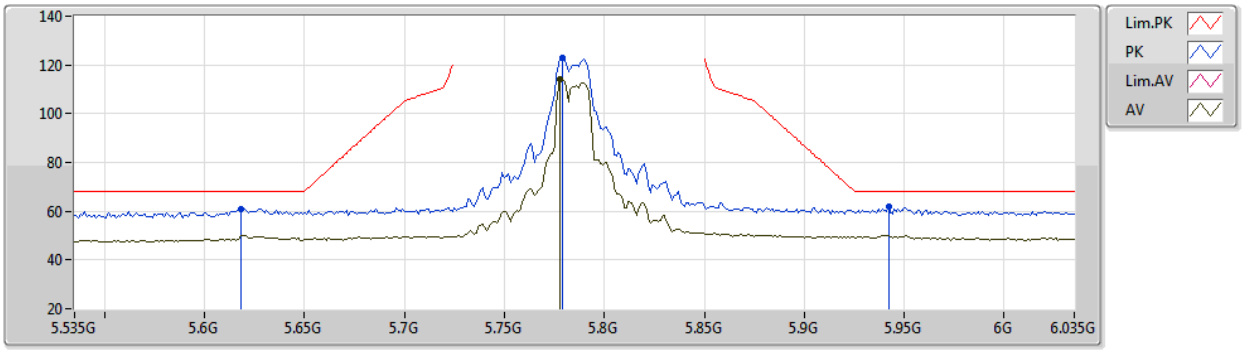
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.631G	61.21	68.20	-6.99	54.73	3	Vertical	350	1.23	-	34.03	5.17	32.72
PK	5.781G	125.20	Inf	-Inf	118.47	3	Vertical	350	1.23	-	34.26	5.23	32.76
AV	5.781G	115.07	Inf	-Inf	108.34	3	Vertical	350	1.23	-	34.26	5.23	32.76
PK	5.943G	62.13	68.20	-6.07	54.57	3	Vertical	350	1.23	-	35.07	5.30	32.81

802.11a_Nss1,(6Mbps)_8TX

5785MHz_TX

28/08/2020



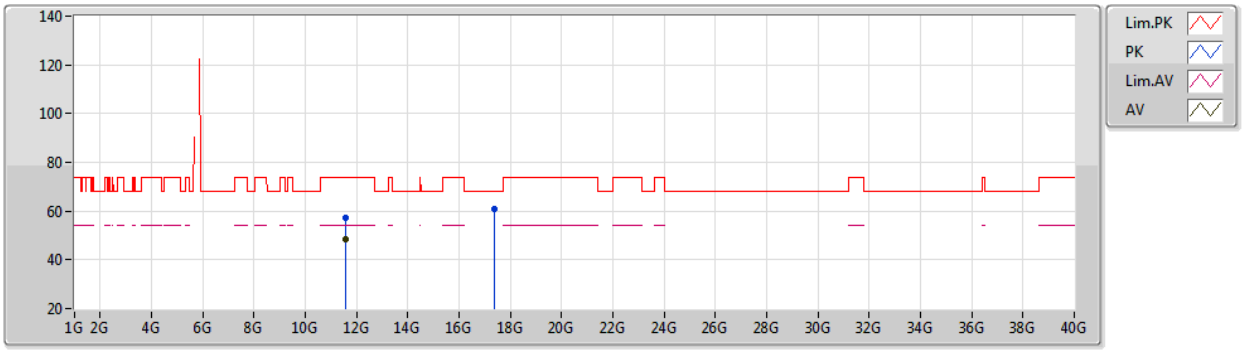
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.618G	61.08	68.20	-7.12	54.61	3	Horizontal	158	1.35	-	34.02	5.17	32.72
PK	5.779G	123.10	Inf	-Inf	116.37	3	Horizontal	158	1.35	-	34.26	5.23	32.76
AV	5.778G	114.24	Inf	-Inf	107.51	3	Horizontal	158	1.35	-	34.26	5.23	32.76
PK	5.942G	61.76	68.20	-6.44	54.20	3	Horizontal	158	1.35	-	35.07	5.30	32.81

802.11a_Nss1,(6Mbps)_8TX

5785MHz_TX

28/08/2020



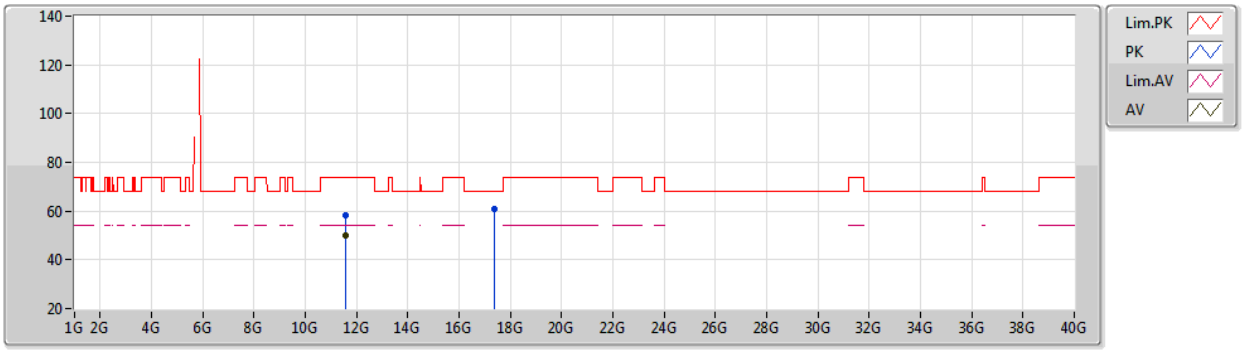
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56988G	57.45	74.00	-16.55	44.45	3	Vertical	118	2.47	-	39.12	8.00	34.12
AV	11.56984G	48.43	54.00	-5.57	35.43	3	Vertical	118	2.47	-	39.12	8.00	34.12
PK	17.35722G	60.99	68.20	-7.21	44.68	3	Vertical	89	1.76	-	41.12	9.68	34.49

802.11a_Nss1,(6Mbps)_8TX

5785MHz_TX

28/08/2020



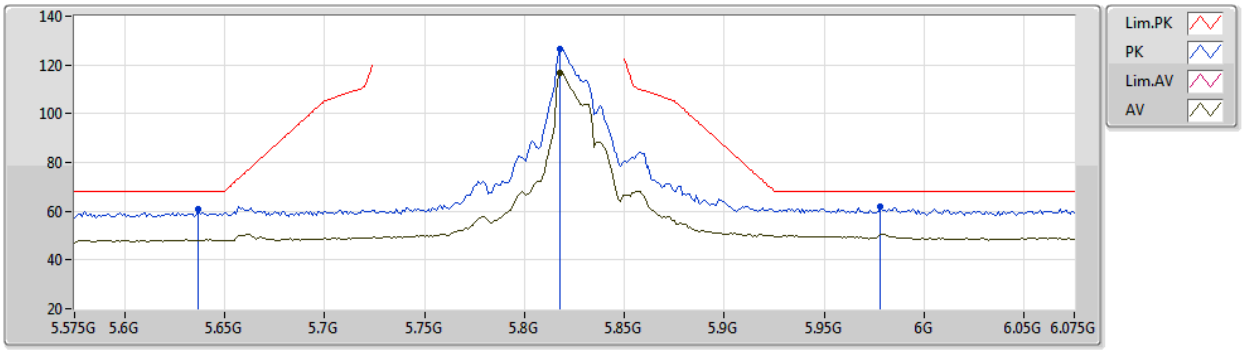
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56956G	58.18	74.00	-15.82	45.18	3	Horizontal	330	1.62	-	39.12	8.00	34.12
AV	11.56985G	49.98	54.00	-4.02	36.98	3	Horizontal	330	1.62	-	39.12	8.00	34.12
PK	17.35702G	60.69	68.20	-7.51	44.39	3	Horizontal	207	1.95	-	41.12	9.67	34.49

802.11a_Nss1,(6Mbps)_8TX

5825MHz_TX

28/08/2020



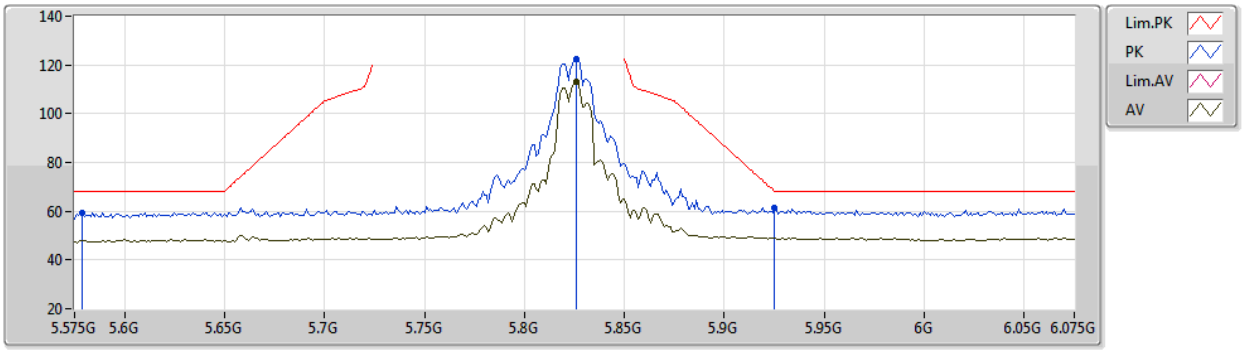
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.637G	60.96	68.20	-7.24	54.47	3	Vertical	329	2.26	-	34.04	5.17	32.72
PK	5.818G	126.47	Inf	-Inf	119.58	3	Vertical	329	2.26	-	34.41	5.25	32.77
AV	5.818G	116.74	Inf	-Inf	109.85	3	Vertical	329	2.26	-	34.41	5.25	32.77
PK	5.978G	61.81	68.20	-6.39	54.11	3	Vertical	329	2.26	-	35.21	5.31	32.82

802.11a_Nss1,(6Mbps)_8TX

5825MHz_TX

28/08/2020



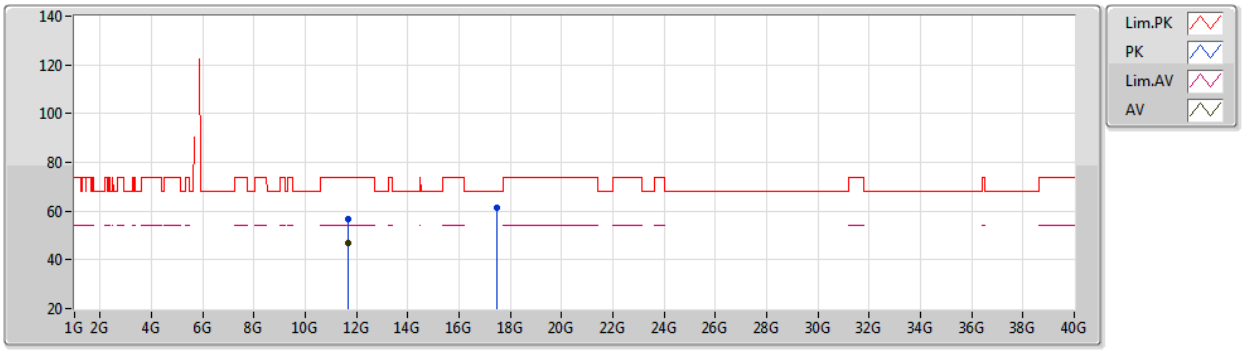
EUT Y_8TX
Setting 24
04-D-N-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.579G	59.40	68.20	-8.80	52.99	3	Horizontal	216	1.89	-	33.96	5.15	32.70
PK	5.826G	122.37	Inf	-Inf	115.43	3	Horizontal	216	1.89	-	34.46	5.25	32.77
AV	5.826G	113.33	Inf	-Inf	106.39	3	Horizontal	216	1.89	-	34.46	5.25	32.77
PK	5.925G	61.57	68.20	-6.63	54.09	3	Horizontal	216	1.89	-	35.00	5.29	32.81

802.11a_Nss1,(6Mbps)_8TX

5825MHz_TX

28/08/2020



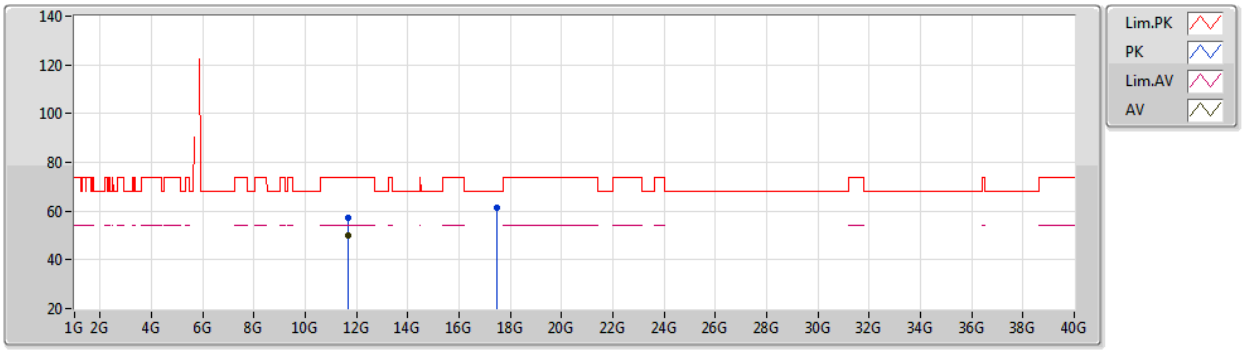
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64991G	56.65	74.00	-17.35	43.74	3	Vertical	69	1.66	-	39.08	8.00	34.17
AV	11.6499G	46.76	54.00	-7.24	33.85	3	Vertical	69	1.66	-	39.08	8.00	34.17
PK	17.47663G	61.43	68.20	-6.77	44.99	3	Vertical	63	1.85	-	41.23	9.70	34.49

802.11a_Nss1,(6Mbps)_8TX

5825MHz_TX

28/08/2020



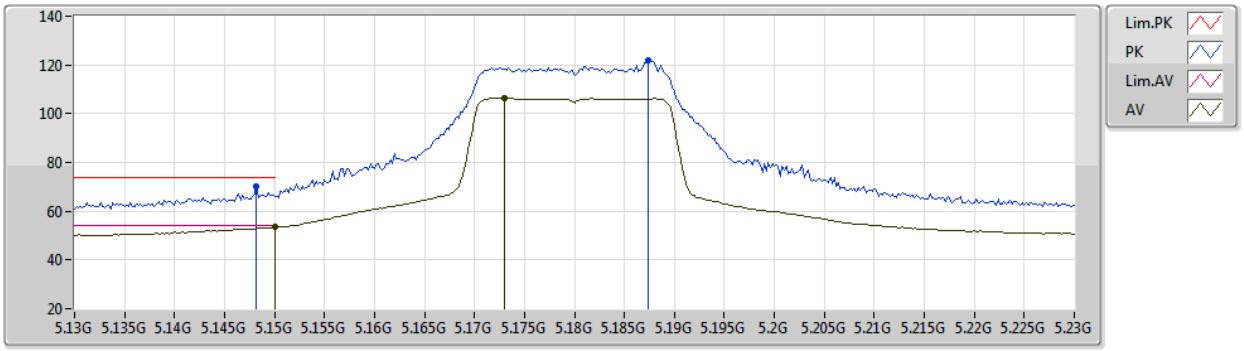
EUT Y_8TX
Setting 24
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64965G	57.46	74.00	-16.54	44.55	3	Horizontal	166	1.80	-	39.08	8.00	34.17
AV	11.64993G	49.77	54.00	-4.23	36.86	3	Horizontal	166	1.80	-	39.08	8.00	34.17
PK	17.47549G	61.47	68.20	-6.73	45.03	3	Horizontal	49	1.96	-	41.23	9.70	34.49

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5180MHz_TX

28/08/2020



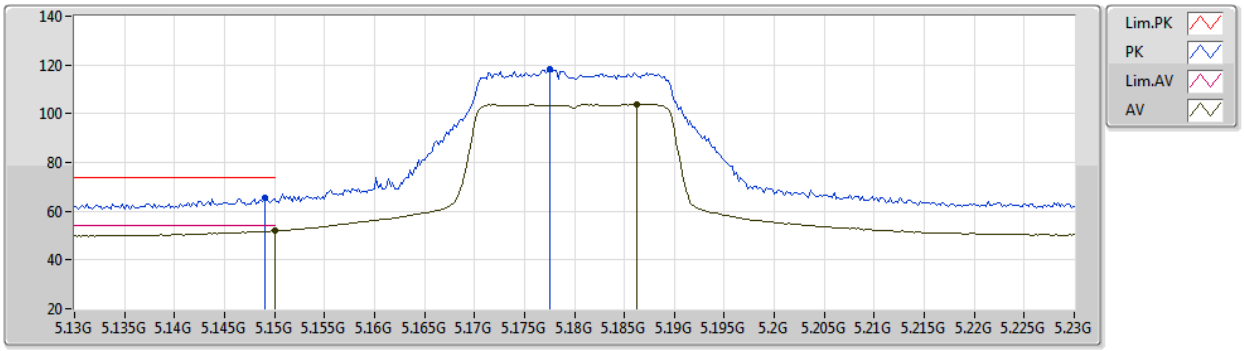
EUT Y_8TX
Setting 18
04-D-N-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	70.12	74.00	-3.88	64.89	3	Vertical	195	2.60	-	33.05	4.98	32.80
AV	5.15G	53.76	54.00	-0.24	48.53	3	Vertical	195	2.60	-	33.05	4.98	32.80
PK	5.1874G	122.09	Inf	-Inf	116.78	3	Vertical	195	2.60	-	33.09	5.00	32.78
AV	5.173G	106.46	Inf	-Inf	101.19	3	Vertical	195	2.60	-	33.07	4.99	32.79

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5180MHz_TX

28/08/2020



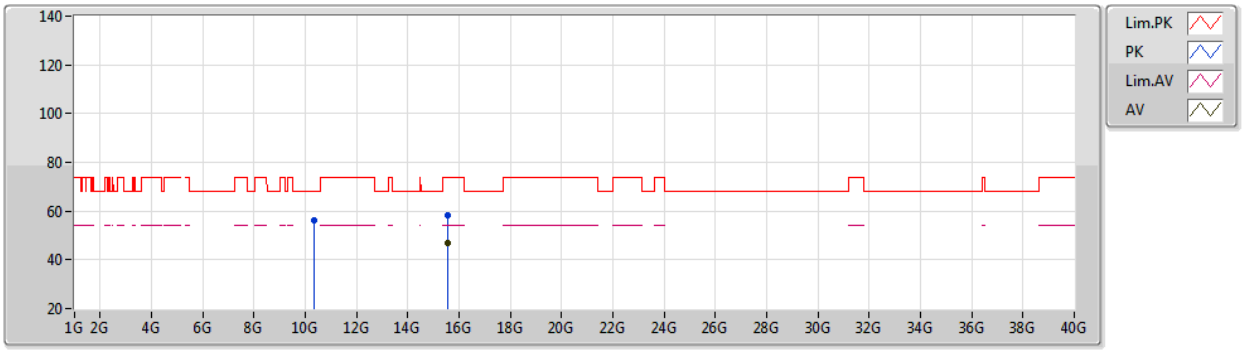
EUT Y_8TX
Setting 18
04-D-N-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	65.76	74.00	-8.24	60.53	3	Horizontal	188	1.44	-	33.05	4.98	32.80
AV	5.15G	51.92	54.00	-2.08	46.69	3	Horizontal	188	1.44	-	33.05	4.98	32.80
PK	5.1776G	118.31	Inf	-Inf	113.03	3	Horizontal	188	1.44	-	33.08	4.99	32.79
AV	5.1862G	103.95	Inf	-Inf	98.64	3	Horizontal	188	1.44	-	33.09	5.00	32.78

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5180MHz_TX

28/08/2020



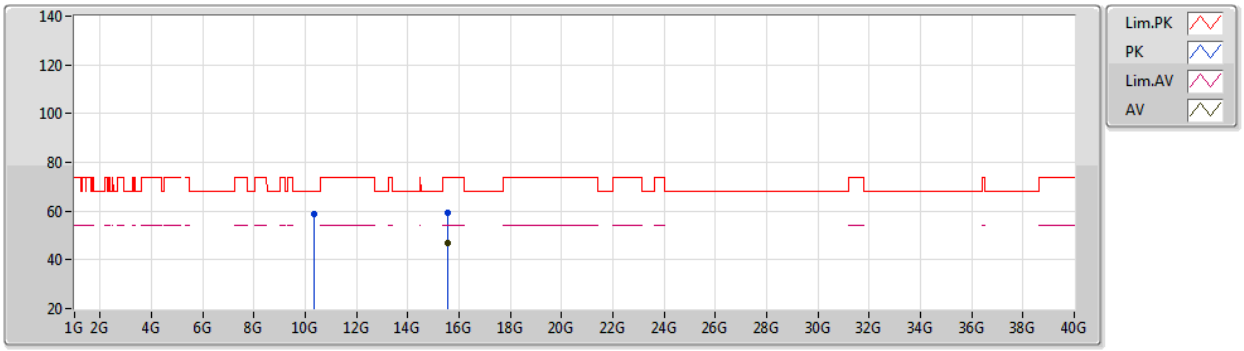
EUT Y_8TX
Setting 18
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35967G	56.18	68.20	-12.02	43.01	3	Vertical	305	1.55	-	38.89	7.60	33.32
PK	15.53924G	58.35	74.00	-15.65	44.69	3	Vertical	65	1.84	-	39.11	8.81	34.26
AV	15.53979G	46.80	54.00	-7.20	33.14	3	Vertical	65	1.84	-	39.11	8.81	34.26

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5180MHz_TX

28/08/2020



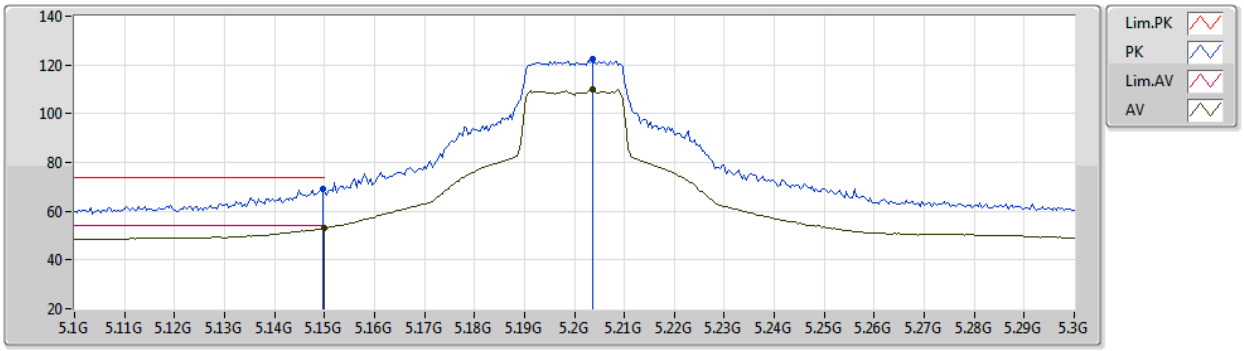
EUT Y_8TX
Setting 18
04-D-N-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35977G	59.01	68.20	-9.19	45.84	3	Horizontal	123	1.66	-	38.89	7.60	33.32
PK	15.53978G	59.12	74.00	-14.88	45.46	3	Horizontal	120	1.80	-	39.11	8.81	34.26
AV	15.53981G	46.91	54.00	-7.09	33.25	3	Horizontal	120	1.80	-	39.11	8.81	34.26

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5200MHz_TX

28/08/2020



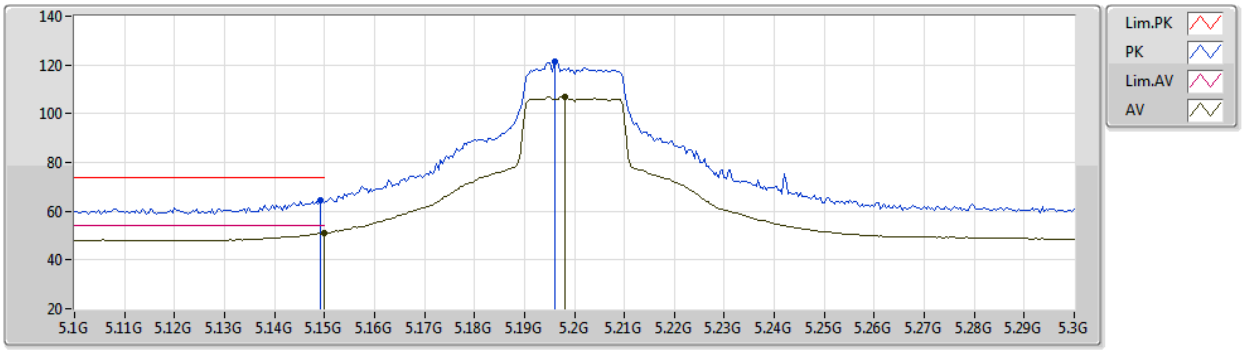
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	69.20	74.00	-4.80	63.97	3	Vertical	259	1.80	-	33.05	4.98	32.80
AV	5.15G	52.88	54.00	-1.12	47.65	3	Vertical	259	1.80	-	33.05	4.98	32.80
PK	5.2036G	122.27	Inf	-Inf	116.95	3	Vertical	259	1.80	-	33.10	5.00	32.78
AV	5.2036G	109.99	Inf	-Inf	104.67	3	Vertical	259	1.80	-	33.10	5.00	32.78

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5200MHz_TX

28/08/2020



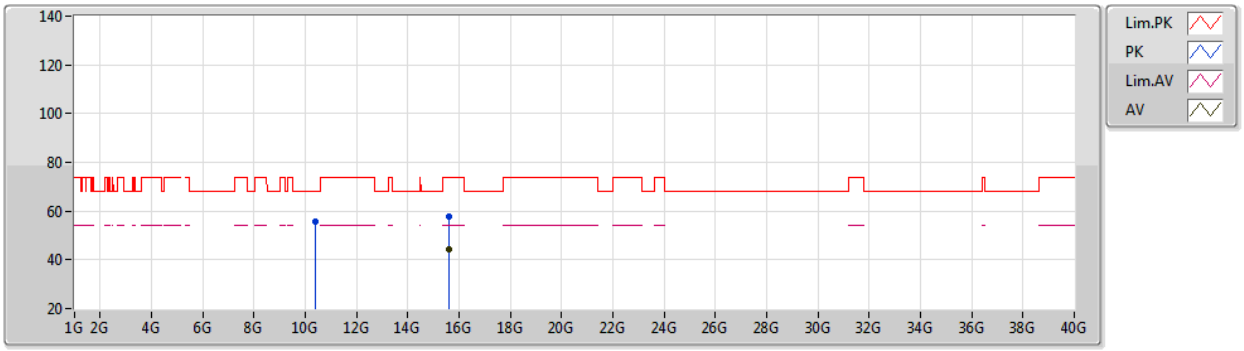
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	64.40	74.00	-9.60	59.17	3	Horizontal	149	1.77	-	33.05	4.98	32.80
AV	5.15G	50.97	54.00	-3.03	45.74	3	Horizontal	149	1.77	-	33.05	4.98	32.80
PK	5.196G	121.50	Inf	-Inf	116.18	3	Horizontal	149	1.77	-	33.10	5.00	32.78
AV	5.198G	107.09	Inf	-Inf	101.77	3	Horizontal	149	1.77	-	33.10	5.00	32.78

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5200MHz_TX

28/08/2020



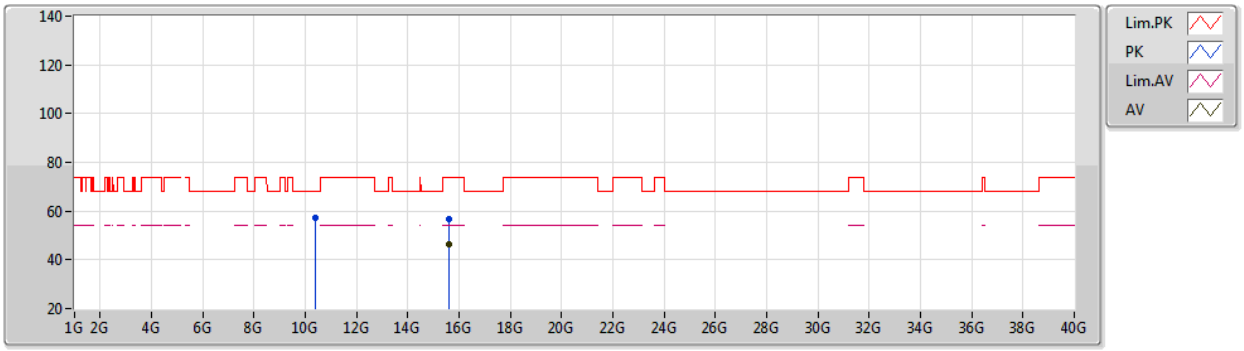
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40008G	55.92	68.20	-12.28	42.72	3	Vertical	129	1.80	-	38.92	7.63	33.35
PK	15.59946G	57.57	74.00	-16.43	44.01	3	Vertical	66	1.50	-	39.04	8.82	34.30
AV	15.59986G	44.20	54.00	-9.80	30.64	3	Vertical	66	1.50	-	39.04	8.82	34.30

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5200MHz_TX

28/08/2020



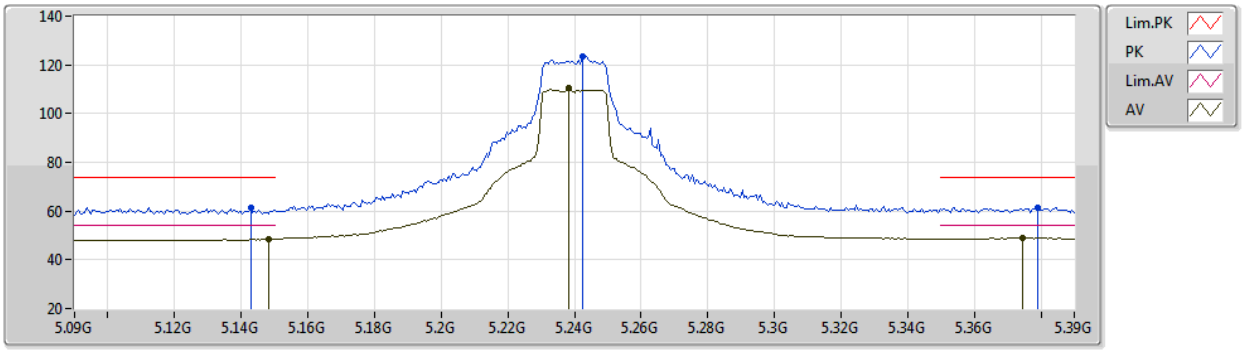
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39997G	57.22	68.20	-10.98	44.02	3	Horizontal	119	1.68	-	38.92	7.63	33.35
PK	15.59938G	56.77	74.00	-17.23	43.21	3	Horizontal	122	1.80	-	39.04	8.82	34.30
AV	15.59982G	46.14	54.00	-7.86	32.58	3	Horizontal	122	1.80	-	39.04	8.82	34.30

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5240MHz_TX

28/08/2020



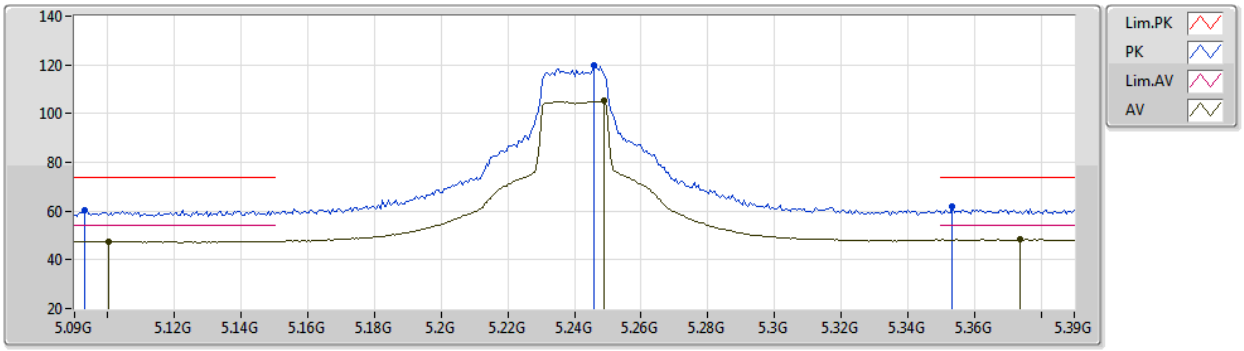
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1428G	61.54	74.00	-12.46	56.32	3	Vertical	185	2.84	-	33.04	4.98	32.80
AV	5.1482G	48.29	54.00	-5.71	43.06	3	Vertical	185	2.84	-	33.05	4.98	32.80
PK	5.2424G	123.40	Inf	-Inf	118.00	3	Vertical	185	2.84	-	33.14	5.02	32.76
AV	5.2382G	110.31	Inf	-Inf	104.91	3	Vertical	185	2.84	-	33.14	5.02	32.76
PK	5.3792G	61.31	74.00	-12.69	55.51	3	Vertical	185	2.84	-	33.44	5.07	32.71
AV	5.3744G	48.95	54.00	-5.05	43.17	3	Vertical	185	2.84	-	33.42	5.07	32.71

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5240MHz_TX

28/08/2020



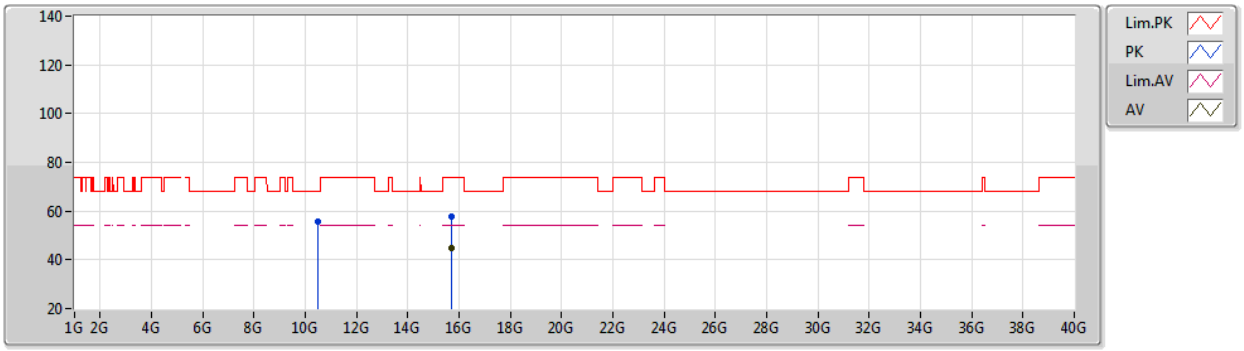
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.093G	60.53	74.00	-13.47	55.36	3	Horizontal	142	1.80	-	33.01	4.97	32.81
AV	5.1002G	47.57	54.00	-6.43	42.41	3	Horizontal	142	1.80	-	33.00	4.97	32.81
PK	5.246G	120.02	Inf	-Inf	114.61	3	Horizontal	142	1.80	-	33.15	5.02	32.76
AV	5.249G	105.27	Inf	-Inf	99.86	3	Horizontal	142	1.80	-	33.15	5.02	32.76
PK	5.3534G	61.83	74.00	-12.17	56.12	3	Horizontal	142	1.80	-	33.36	5.07	32.72
AV	5.3738G	48.34	54.00	-5.66	42.56	3	Horizontal	142	1.80	-	33.42	5.07	32.71

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5240MHz_TX

28/08/2020



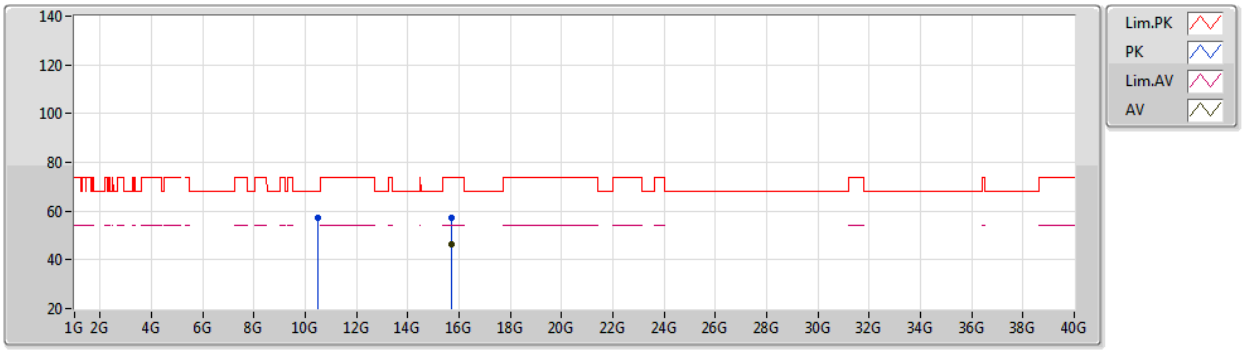
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47961G	55.92	68.20	-12.28	42.67	3	Vertical	249	1.30	-	38.98	7.68	33.41
PK	15.72212G	57.91	74.00	-16.09	44.53	3	Vertical	127	2.96	-	38.91	8.85	34.38
AV	15.71896G	44.69	54.00	-9.31	31.31	3	Vertical	127	2.96	-	38.91	8.85	34.38

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5240MHz_TX

28/08/2020



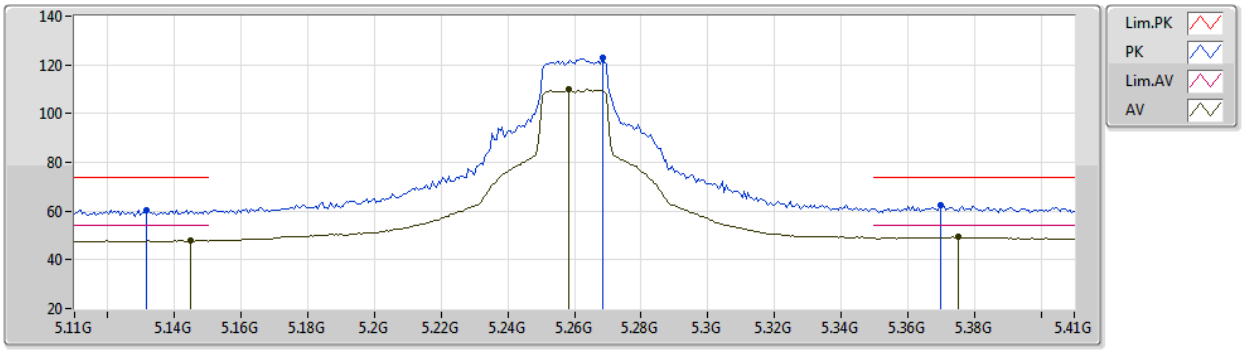
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48242G	57.47	68.20	-10.73	44.21	3	Horizontal	193	1.18	-	38.99	7.68	33.41
PK	15.71939G	56.99	74.00	-17.01	43.61	3	Horizontal	158	2.33	-	38.91	8.85	34.38
AV	15.71886G	46.56	54.00	-7.44	33.18	3	Horizontal	158	2.33	-	38.91	8.85	34.38

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5260MHz_TX

28/08/2020



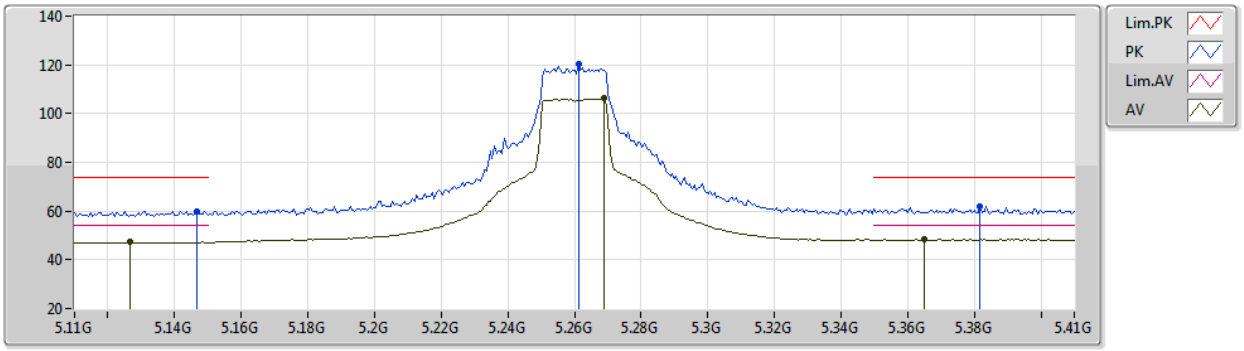
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1316G	60.39	74.00	-13.61	55.18	3	Vertical	176	2.50	-	33.03	4.98	32.80
AV	5.1448G	47.85	54.00	-6.15	42.63	3	Vertical	176	2.50	-	33.04	4.98	32.80
PK	5.2684G	122.73	Inf	-Inf	117.28	3	Vertical	176	2.50	-	33.17	5.03	32.75
AV	5.2582G	109.88	Inf	-Inf	104.45	3	Vertical	176	2.50	-	33.16	5.03	32.76
PK	5.3698G	62.55	74.00	-11.45	56.78	3	Vertical	176	2.50	-	33.41	5.07	32.71
AV	5.3752G	49.36	54.00	-4.64	43.57	3	Vertical	176	2.50	-	33.43	5.07	32.71

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5260MHz_TX

28/08/2020



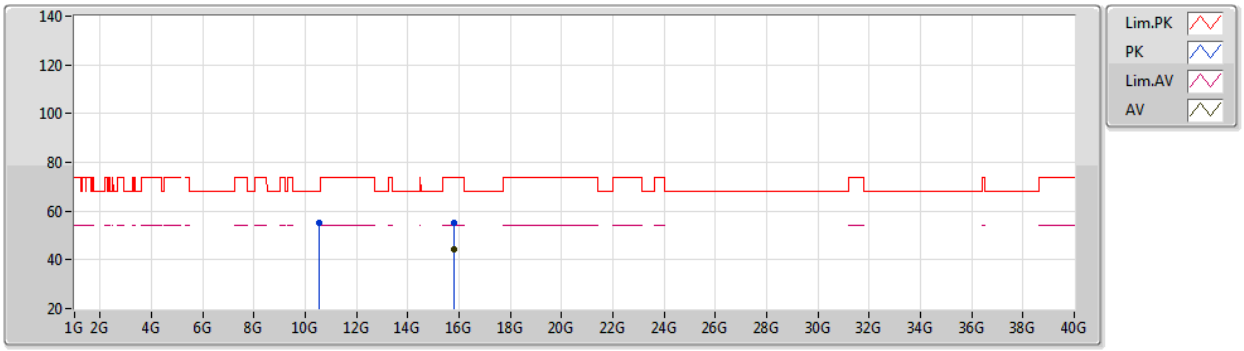
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1466G	60.05	74.00	-13.95	54.82	3	Horizontal	145	1.42	-	33.05	4.98	32.80
AV	5.1268G	47.20	54.00	-6.80	41.99	3	Horizontal	145	1.42	-	33.03	4.98	32.80
PK	5.2612G	120.58	Inf	-Inf	115.15	3	Horizontal	145	1.42	-	33.16	5.03	32.76
AV	5.269G	106.38	Inf	-Inf	100.93	3	Horizontal	145	1.42	-	33.17	5.03	32.75
PK	5.3818G	62.12	74.00	-11.88	56.31	3	Horizontal	145	1.42	-	33.45	5.07	32.71
AV	5.365G	48.40	54.00	-5.60	42.64	3	Horizontal	145	1.42	-	33.40	5.07	32.71

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5260MHz_TX

28/08/2020



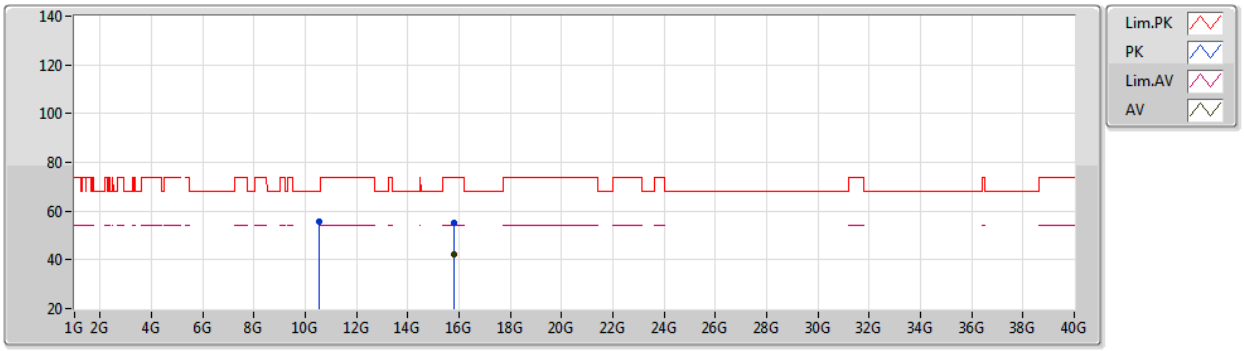
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51858G	55.01	68.20	-13.19	41.72	3	Vertical	131	1.76	-	39.01	7.71	33.43
PK	15.77888G	55.14	74.00	-18.86	41.85	3	Vertical	66	1.53	-	38.84	8.87	34.42
AV	15.77986G	44.13	54.00	-9.87	30.84	3	Vertical	66	1.53	-	38.84	8.87	34.42

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5260MHz_TX

28/08/2020



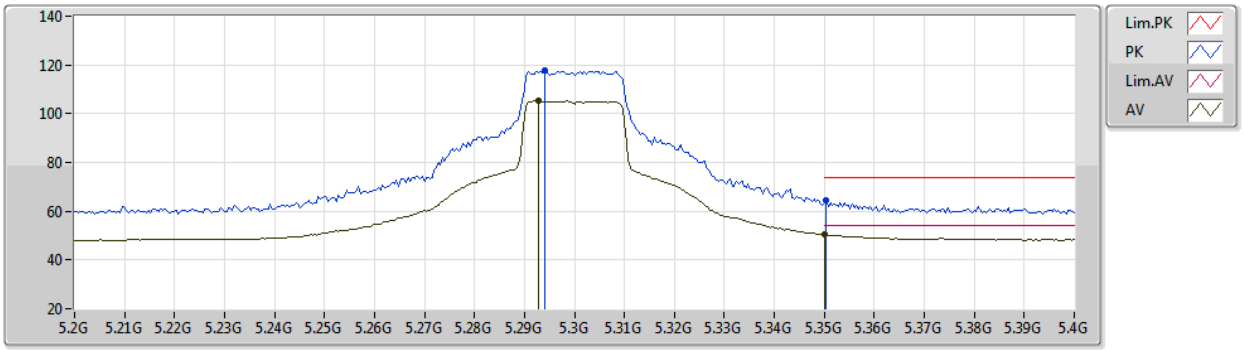
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5201G	55.82	68.20	-12.38	42.52	3	Horizontal	123	1.79	-	39.02	7.71	33.43
PK	15.77962G	55.09	74.00	-18.91	41.80	3	Horizontal	141	1.80	-	38.84	8.87	34.42
AV	15.7799G	42.21	54.00	-11.79	28.92	3	Horizontal	141	1.80	-	38.84	8.87	34.42

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5300MHz_TX

28/08/2020



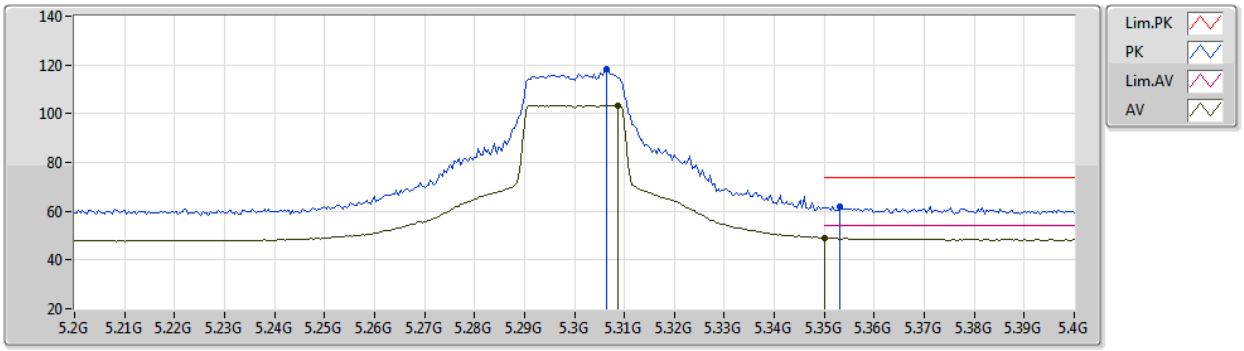
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.294G	117.60	Inf	-Inf	112.10	3	Vertical	132	2.33	-	33.19	5.05	32.74
AV	5.2928G	105.46	Inf	-Inf	99.96	3	Vertical	132	2.33	-	33.19	5.05	32.74
PK	5.3504G	64.46	74.00	-9.54	58.76	3	Vertical	132	2.33	-	33.35	5.07	32.72
AV	5.35G	50.46	54.00	-3.54	44.76	3	Vertical	132	2.33	-	33.35	5.07	32.72

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5300MHz_TX

28/08/2020



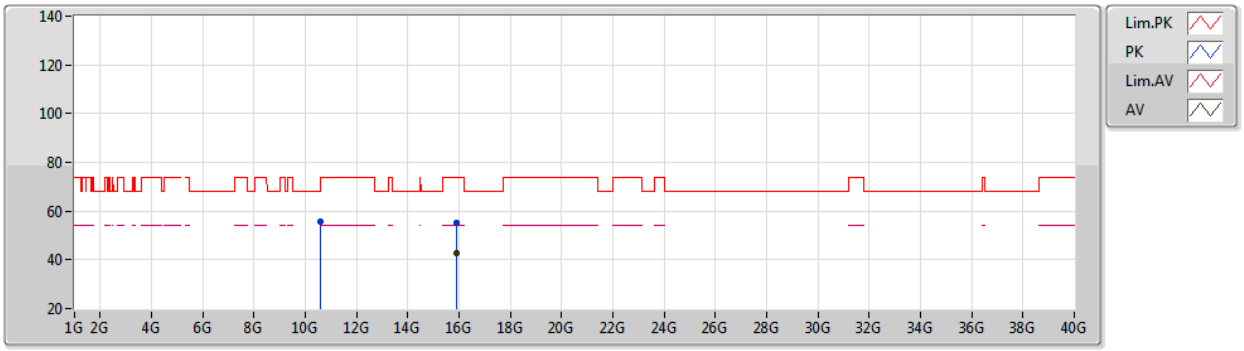
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3064G	118.38	Inf	-Inf	112.85	3	Horizontal	140	1.80	-	33.22	5.05	32.74
AV	5.3088G	103.52	Inf	-Inf	97.98	3	Horizontal	140	1.80	-	33.23	5.05	32.74
PK	5.3532G	61.78	74.00	-12.22	56.07	3	Horizontal	140	1.80	-	33.36	5.07	32.72
AV	5.35G	49.04	54.00	-4.96	43.34	3	Horizontal	140	1.80	-	33.35	5.07	32.72

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5300MHz_TX

28/08/2020



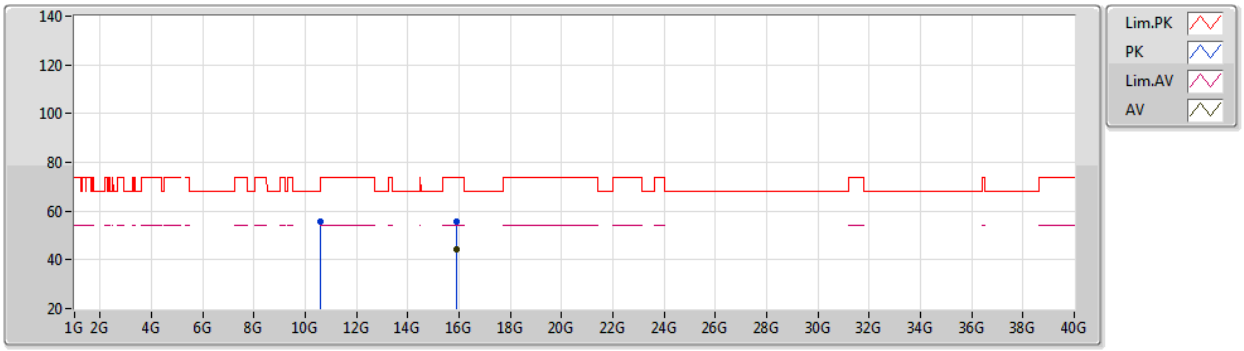
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59998G	55.66	68.20	-12.54	42.31	3	Vertical	255	1.28	-	39.08	7.76	33.49
PK	15.89988G	55.26	74.00	-18.74	42.15	3	Vertical	320	1.34	-	38.71	8.90	34.50
AV	15.89996G	43.00	54.00	-11.00	29.89	3	Vertical	320	1.34	-	38.71	8.90	34.50

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5300MHz_TX

28/08/2020



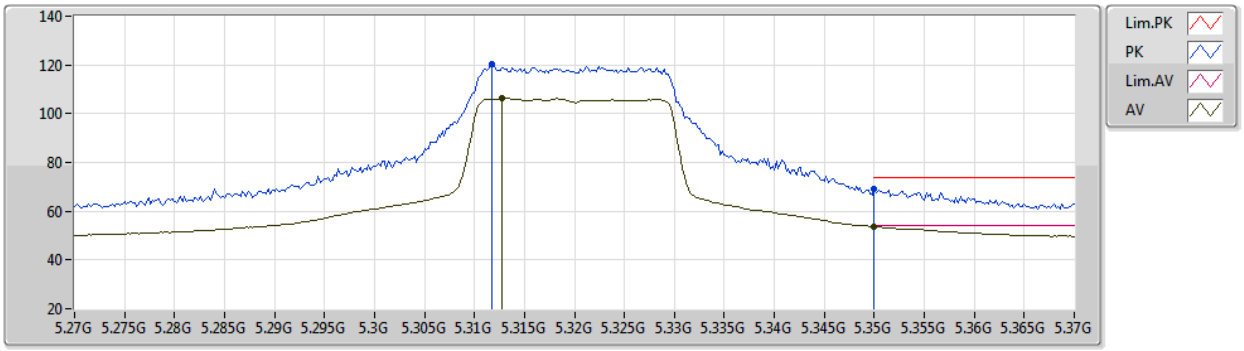
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59974G	55.49	68.20	-12.71	42.14	3	Horizontal	251	1.43	-	39.08	7.76	33.49
PK	15.89624G	55.82	74.00	-18.18	42.71	3	Horizontal	138	1.40	-	38.71	8.90	34.50
AV	15.89986G	44.46	54.00	-9.54	31.35	3	Horizontal	138	1.40	-	38.71	8.90	34.50

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5320MHz_TX

28/08/2020



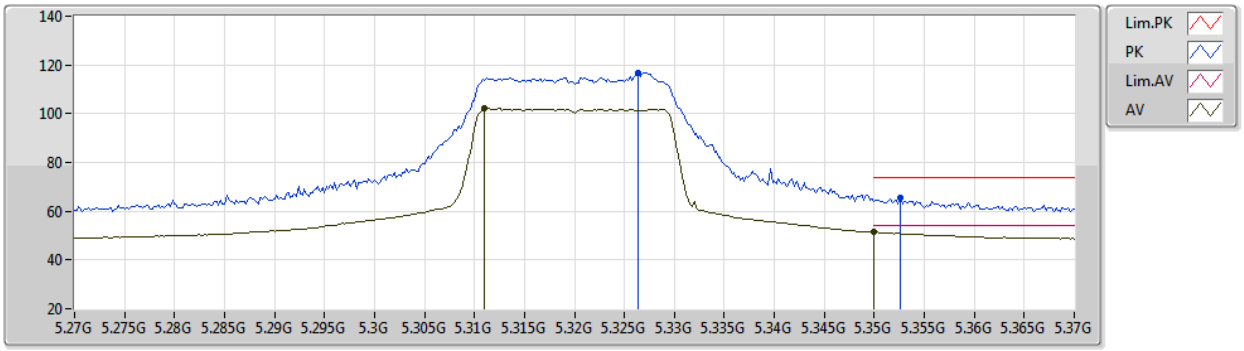
EUT Y_8TX
Setting 20
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3118G	120.48	Inf	-Inf	114.93	3	Vertical	183	2.68	-	33.24	5.05	32.74
AV	5.3128G	106.39	Inf	-Inf	100.83	3	Vertical	183	2.68	-	33.24	5.05	32.73
PK	5.35G	68.98	74.00	-5.02	63.28	3	Vertical	183	2.68	-	33.35	5.07	32.72
AV	5.35G	53.52	54.00	-0.48	47.82	3	Vertical	183	2.68	-	33.35	5.07	32.72

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5320MHz_TX

28/08/2020



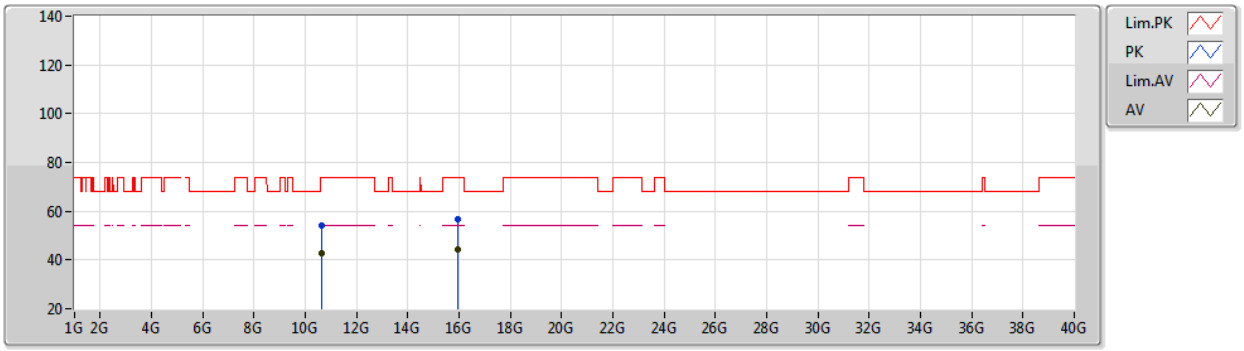
EUT Y_8TX
Setting 20
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3264G	116.59	Inf	-Inf	110.98	3	Horizontal	139	1.60	-	33.28	5.06	32.73
AV	5.311G	102.11	Inf	-Inf	96.57	3	Horizontal	139	1.60	-	33.23	5.05	32.74
PK	5.3526G	65.28	74.00	-8.72	59.57	3	Horizontal	139	1.60	-	33.36	5.07	32.72
AV	5.35G	51.55	54.00	-2.45	45.85	3	Horizontal	139	1.60	-	33.35	5.07	32.72

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5320MHz_TX

28/08/2020



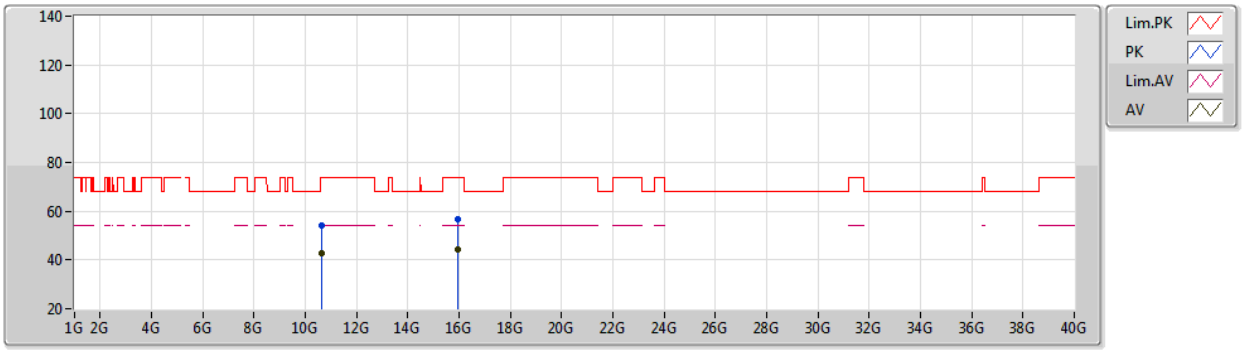
EUT Y_8TX
Setting 20
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63964G	54.11	74.00	-19.89	40.73	3	Vertical	208	1.20	-	39.11	7.79	33.52
AV	10.63994G	42.71	54.00	-11.29	29.33	3	Vertical	208	1.20	-	39.11	7.79	33.52
PK	15.95964G	56.91	74.00	-17.09	43.90	3	Vertical	93	1.54	-	38.64	8.91	34.54
AV	15.95998G	44.22	54.00	-9.78	31.21	3	Vertical	93	1.54	-	38.64	8.91	34.54

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5320MHz_TX

28/08/2020



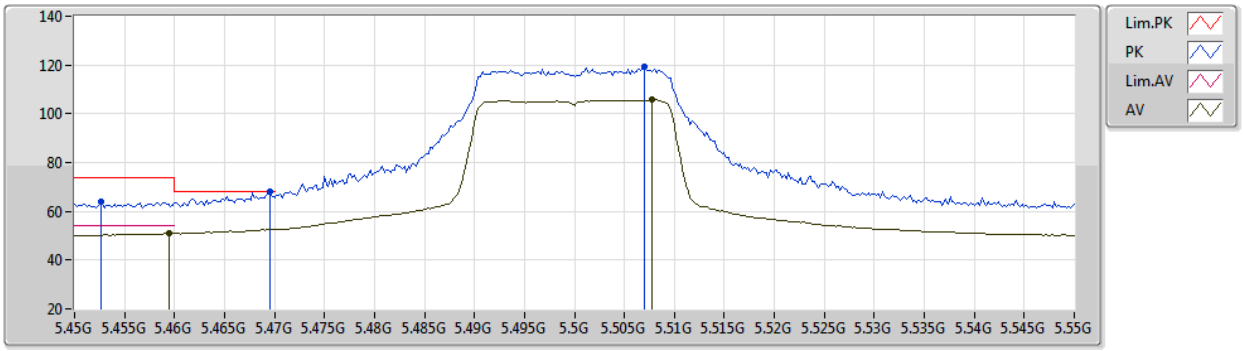
EUT Y_8TX
Setting 20
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63992G	53.95	74.00	-20.05	40.57	3	Horizontal	52	2.78	-	39.11	7.79	33.52
AV	10.6399G	42.62	54.00	-11.38	29.24	3	Horizontal	52	2.78	-	39.11	7.79	33.52
PK	15.95988G	56.88	74.00	-17.12	43.87	3	Horizontal	358	1.99	-	38.64	8.91	34.54
AV	15.95984G	44.19	54.00	-9.81	31.18	3	Horizontal	358	1.99	-	38.64	8.91	34.54

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5500MHz_TX

28/08/2020



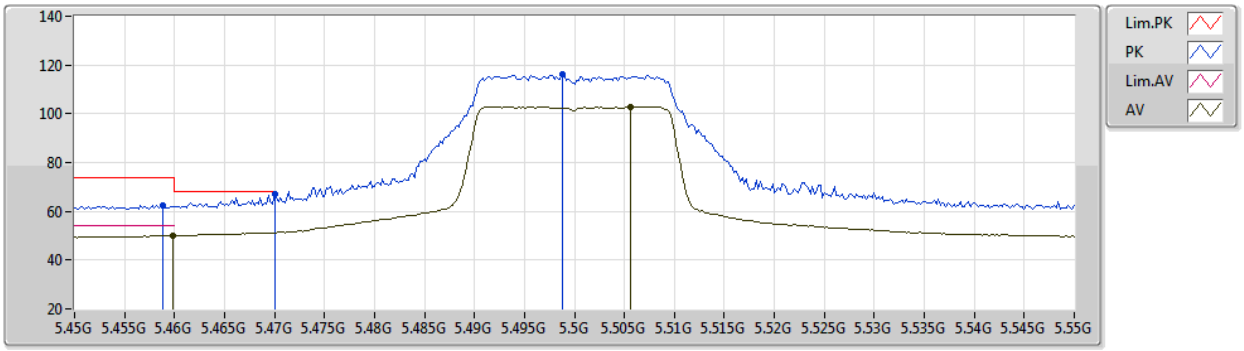
EUT Y_8TX
Setting 18
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4526G	64.08	74.00	-9.92	58.00	3	Vertical	193	2.50	-	33.66	5.10	32.68
AV	5.4594G	50.92	54.00	-3.08	44.82	3	Vertical	193	2.50	-	33.68	5.10	32.68
PK	5.4696G	68.16	68.20	-0.04	62.02	3	Vertical	193	2.50	-	33.71	5.11	32.68
PK	5.507G	119.08	Inf	-Inf	112.82	3	Vertical	193	2.50	-	33.81	5.12	32.67
AV	5.5078G	105.74	Inf	-Inf	99.47	3	Vertical	193	2.50	-	33.82	5.12	32.67

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5500MHz_TX

28/08/2020



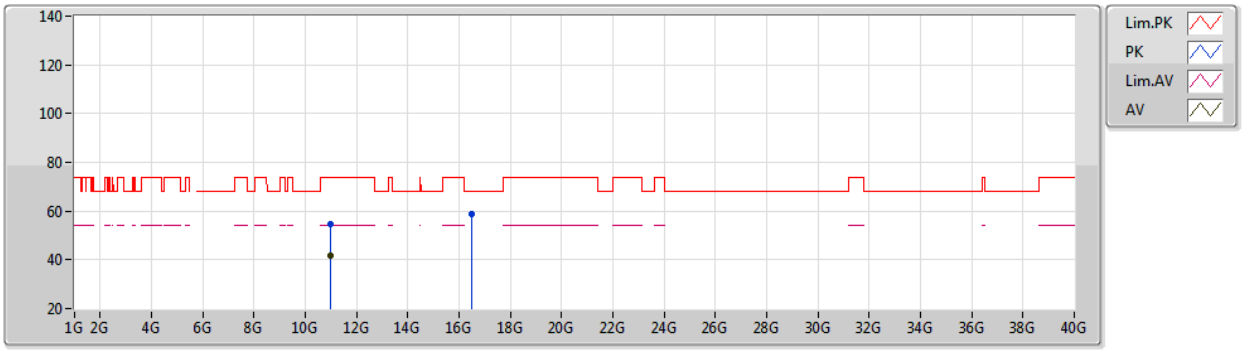
EUT Y_8TX
Setting 18
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4588G	62.53	74.00	-11.47	56.43	3	Horizontal	192	1.72	-	33.68	5.10	32.68
AV	5.4598G	49.91	54.00	-4.09	43.81	3	Horizontal	192	1.72	-	33.68	5.10	32.68
PK	5.47G	67.00	68.20	-1.20	60.86	3	Horizontal	192	1.72	-	33.71	5.11	32.68
PK	5.4988G	116.13	Inf	-Inf	109.88	3	Horizontal	192	1.72	-	33.80	5.12	32.67
AV	5.5056G	102.97	Inf	-Inf	96.71	3	Horizontal	192	1.72	-	33.81	5.12	32.67

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5500MHz_TX

28/08/2020



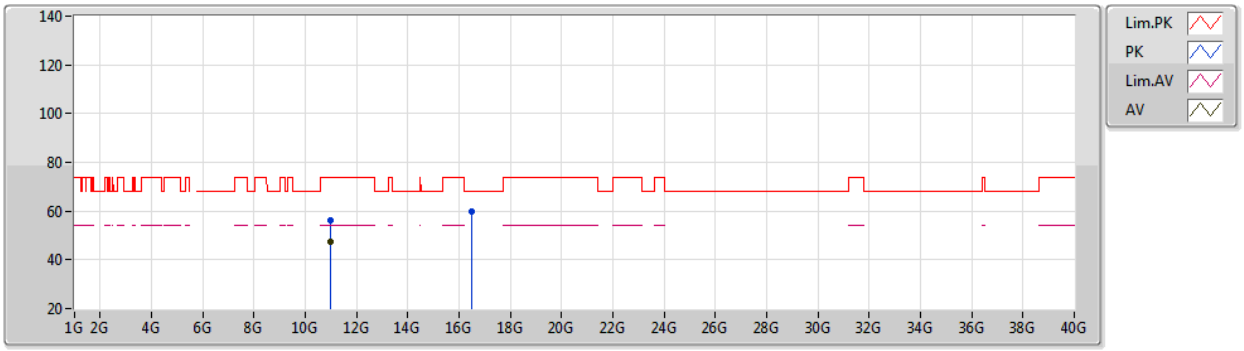
EUT Y_8TX
Setting 18
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00248G	54.43	74.00	-19.57	40.78	3	Vertical	293	1.70	-	39.40	8.03	33.78
AV	10.99984G	41.87	54.00	-12.13	28.22	3	Vertical	293	1.70	-	39.40	8.03	33.78
PK	16.4975G	58.69	68.20	-9.51	44.26	3	Vertical	127	2.23	-	39.69	9.26	34.52

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5500MHz_TX

28/08/2020



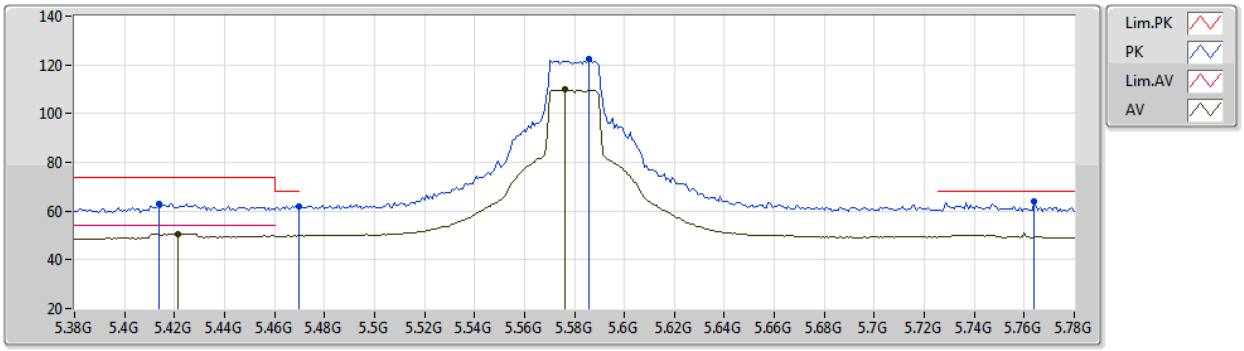
EUT Y_8TX
Setting 18
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00006G	56.21	74.00	-17.79	42.56	3	Horizontal	89	1.21	-	39.40	8.03	33.78
AV	10.9999G	47.40	54.00	-6.60	33.75	3	Horizontal	89	1.21	-	39.40	8.03	33.78
PK	16.50352G	59.86	68.20	-8.34	45.41	3	Horizontal	150	1.80	-	39.71	9.26	34.52

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5580MHz_TX

28/08/2020



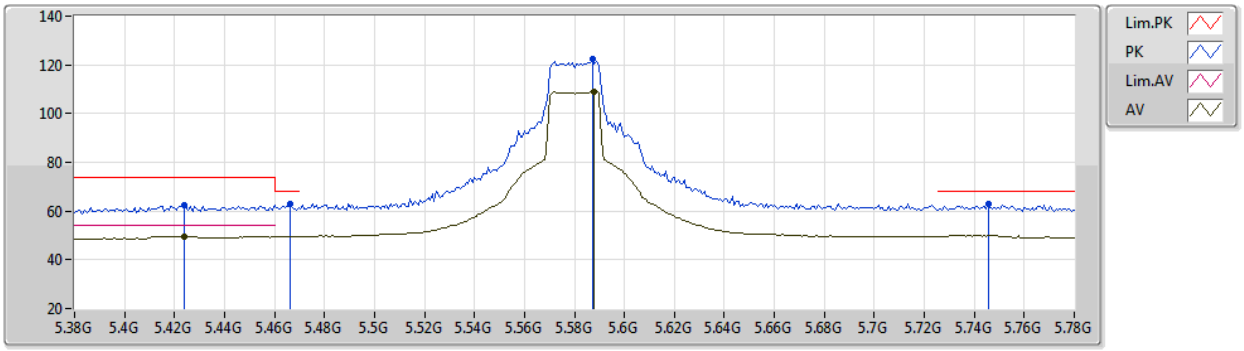
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4136G	63.03	74.00	-10.97	57.10	3	Vertical	187	2.17	-	33.54	5.09	32.70
AV	5.4216G	50.67	54.00	-3.33	44.71	3	Vertical	187	2.17	-	33.56	5.09	32.69
PK	5.4696G	62.13	68.20	-6.07	55.99	3	Vertical	187	2.17	-	33.71	5.11	32.68
PK	5.5856G	122.45	Inf	-Inf	116.03	3	Vertical	187	2.17	-	33.97	5.15	32.70
AV	5.576G	109.90	Inf	-Inf	103.50	3	Vertical	187	2.17	-	33.95	5.15	32.70
PK	5.764G	63.95	68.20	-4.25	57.24	3	Vertical	187	2.17	-	34.23	5.23	32.75

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5580MHz_TX

28/08/2020



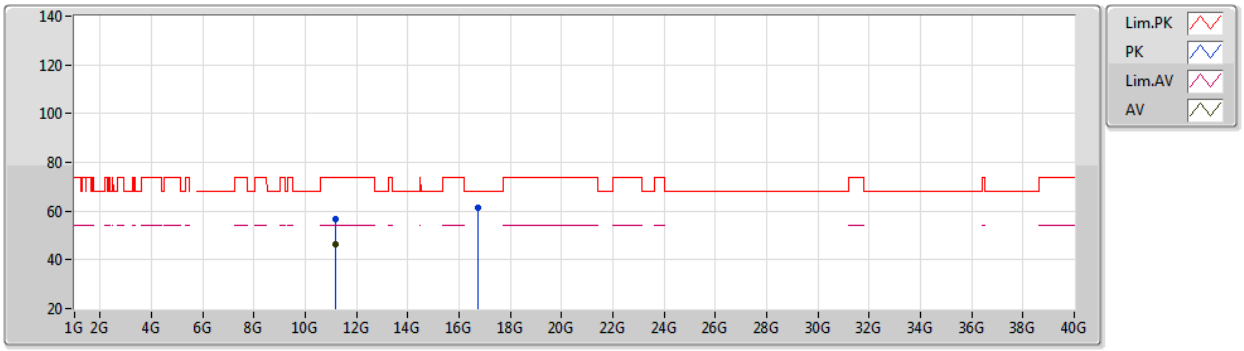
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.424G	62.55	74.00	-11.45	56.58	3	Horizontal	182	1.54	-	33.57	5.09	32.69
AV	5.424G	49.74	54.00	-4.26	43.77	3	Horizontal	182	1.54	-	33.57	5.09	32.69
PK	5.4664G	63.00	68.20	-5.20	56.87	3	Horizontal	182	1.54	-	33.70	5.11	32.68
PK	5.5872G	122.37	Inf	-Inf	115.95	3	Horizontal	182	1.54	-	33.97	5.15	32.70
AV	5.588G	109.09	Inf	-Inf	102.66	3	Horizontal	182	1.54	-	33.98	5.16	32.71
PK	5.7456G	62.72	68.20	-5.48	56.06	3	Horizontal	182	1.54	-	34.19	5.22	32.75

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5580MHz_TX

28/08/2020



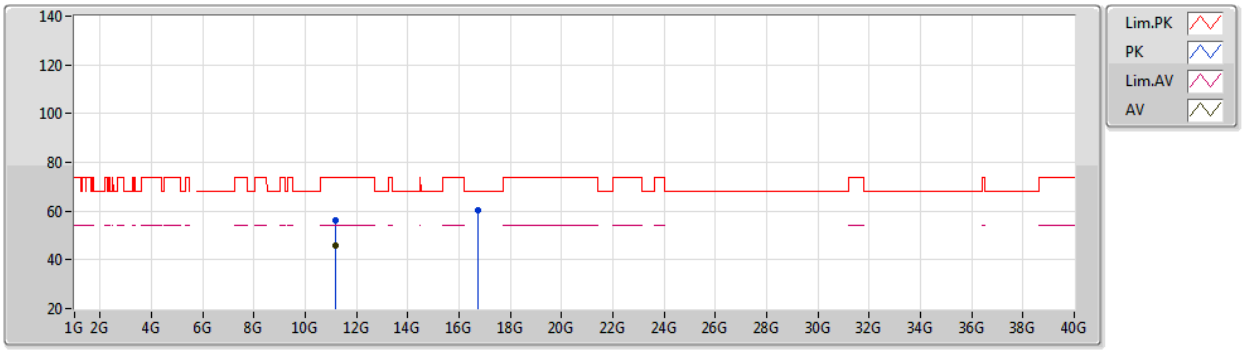
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15996G	56.56	74.00	-17.44	43.10	3	Vertical	96	1.80	-	39.32	8.02	33.88
AV	11.15988G	46.51	54.00	-7.49	33.05	3	Vertical	96	1.80	-	39.32	8.02	33.88
PK	16.73622G	61.36	68.20	-6.84	46.22	3	Vertical	91	1.84	-	40.22	9.42	34.50

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5580MHz_TX

28/08/2020



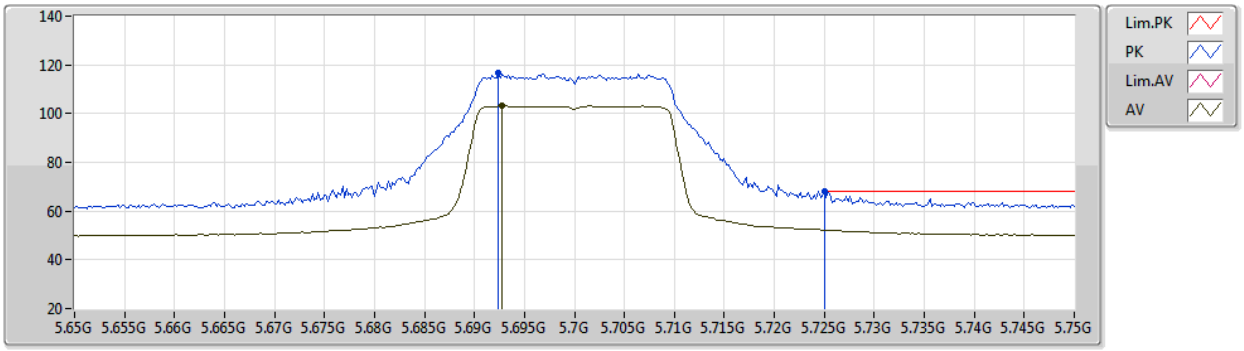
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15996G	56.29	74.00	-17.71	42.83	3	Horizontal	105	1.73	-	39.32	8.02	33.88
AV	11.1599G	46.04	54.00	-7.96	32.58	3	Horizontal	105	1.73	-	39.32	8.02	33.88
PK	16.73996G	60.12	68.20	-8.08	44.97	3	Horizontal	148	2.43	-	40.23	9.42	34.50

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5700MHz_TX

28/08/2020



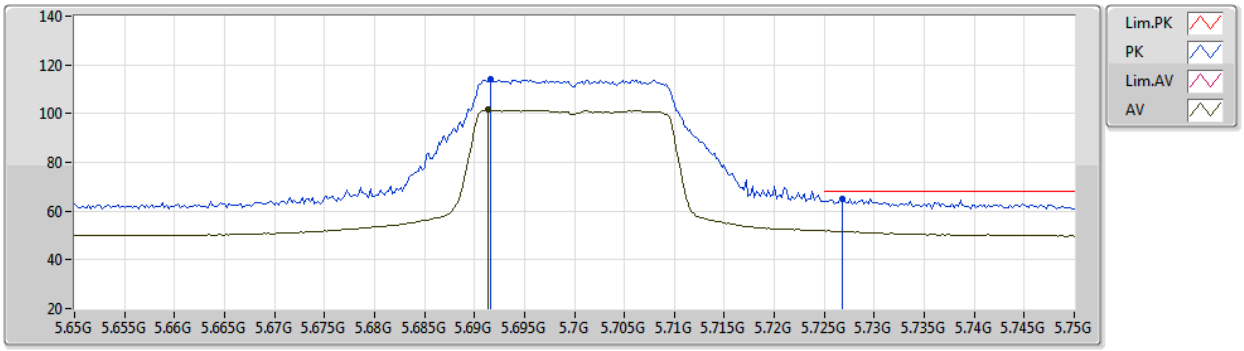
EUT Y_8TX
Setting 17.5
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6924G	116.86	Inf	-Inf	110.31	3	Vertical	196	2.33	-	34.09	5.20	32.74
AV	5.6928G	103.23	Inf	-Inf	96.68	3	Vertical	196	2.33	-	34.09	5.20	32.74
PK	5.725G	67.96	68.20	-0.24	61.35	3	Vertical	196	2.33	-	34.15	5.21	32.75

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5700MHz_TX

28/08/2020



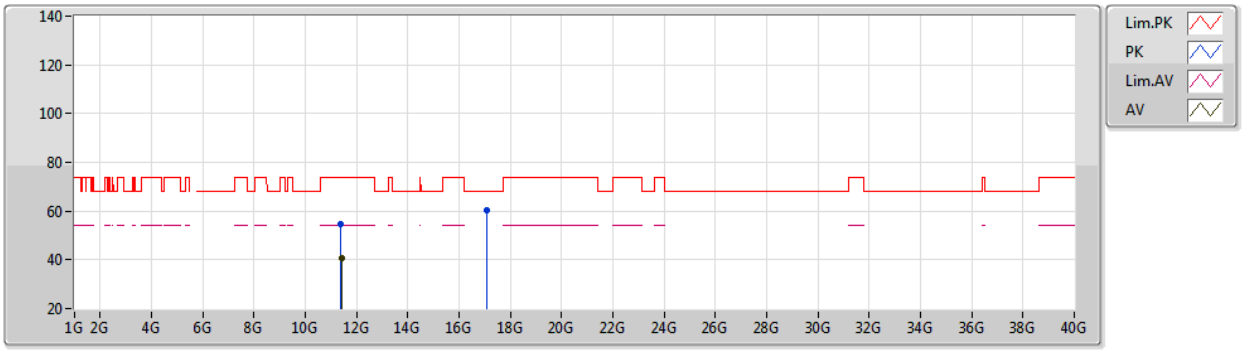
EUT Y_8TX
Setting 17.5
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6916G	113.96	Inf	-Inf	107.41	3	Horizontal	187	1.90	-	34.09	5.20	32.74
AV	5.6914G	101.52	Inf	-Inf	94.97	3	Horizontal	187	1.90	-	34.09	5.20	32.74
PK	5.7268G	65.24	68.20	-2.96	58.63	3	Horizontal	187	1.90	-	34.15	5.21	32.75

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5700MHz_TX

28/08/2020



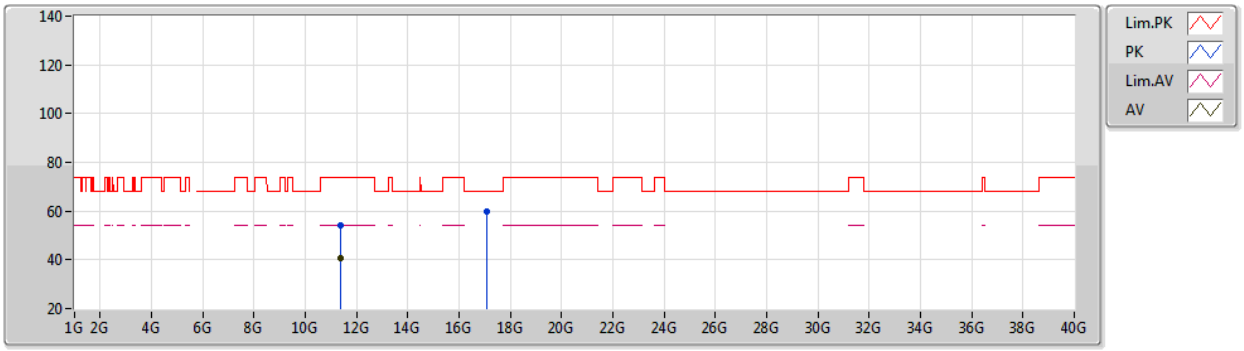
EUT Y_8TX
Setting 17.5
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39824G	54.52	74.00	-19.48	41.33	3	Vertical	317	2.99	-	39.20	8.01	34.02
AV	11.40388G	40.88	54.00	-13.12	27.69	3	Vertical	317	2.99	-	39.20	8.01	34.02
PK	17.1031G	60.50	68.20	-7.70	44.47	3	Vertical	194	1.82	-	40.89	9.62	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5700MHz_TX

28/08/2020



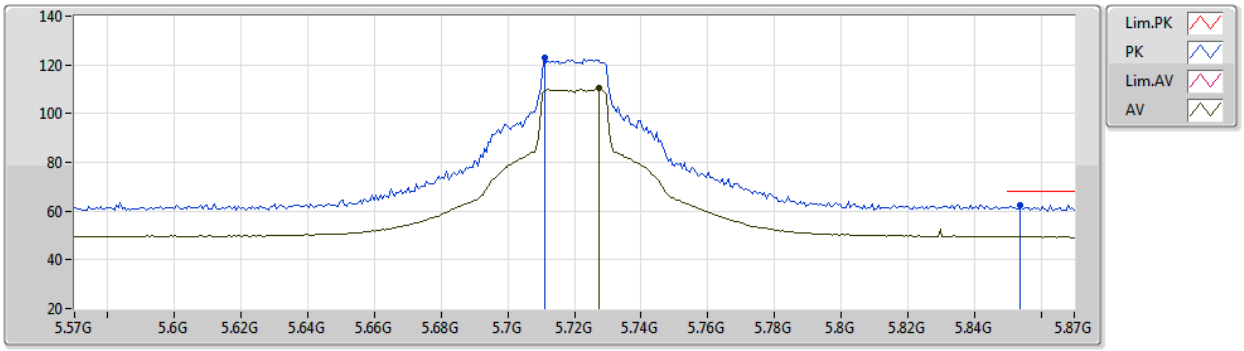
EUT Y_8TX
Setting 17.5
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3966G	54.27	74.00	-19.73	41.08	3	Horizontal	257	2.60	-	39.20	8.01	34.02
AV	11.40086G	40.87	54.00	-13.13	27.68	3	Horizontal	257	2.60	-	39.20	8.01	34.02
PK	17.10158G	59.76	68.20	-8.44	43.73	3	Horizontal	255	2.31	-	40.89	9.62	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5720MHz Straddle 5.47-5.725GHz_TX

28/08/2020



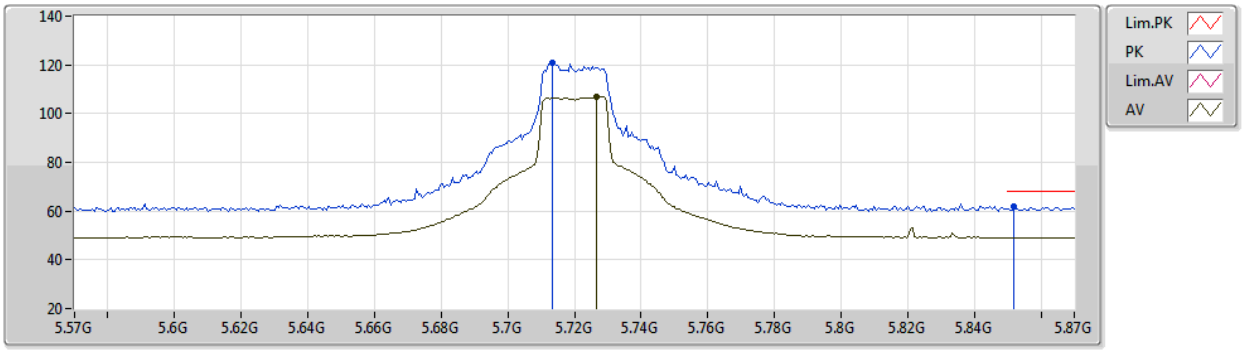
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.711G	122.83	Inf	-Inf	116.25	3	Vertical	349	2.59	-	34.12	5.20	32.74
AV	5.7272G	110.56	Inf	-Inf	103.95	3	Vertical	349	2.59	-	34.15	5.21	32.75
PK	5.8538G	62.53	68.20	-5.67	55.43	3	Vertical	349	2.59	-	34.62	5.26	32.78

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5720MHz Straddle 5.47-5.725GHz_TX

28/08/2020



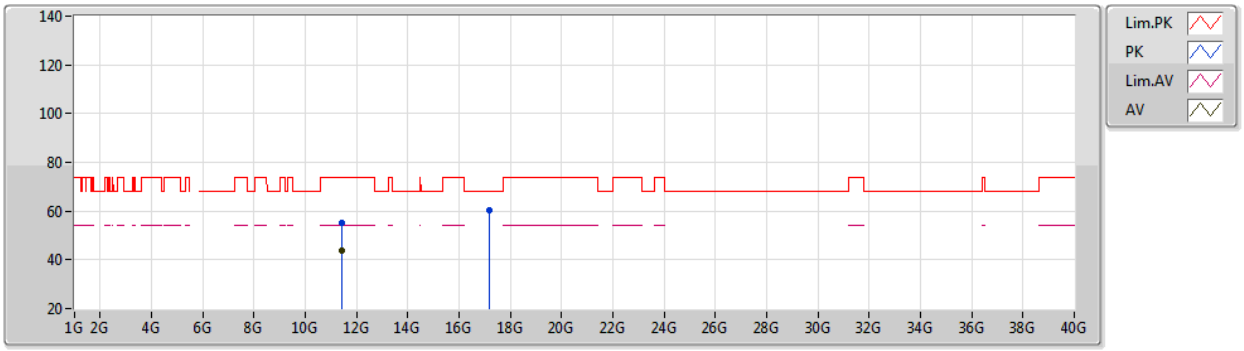
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7134G	120.83	Inf	-Inf	114.23	3	Horizontal	223	1.80	-	34.13	5.21	32.74
AV	5.7266G	106.87	Inf	-Inf	100.26	3	Horizontal	223	1.80	-	34.15	5.21	32.75
PK	5.852G	61.87	68.20	-6.33	54.78	3	Horizontal	223	1.80	-	34.61	5.26	32.78

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5720MHz Straddle 5.47-5.725GHz_TX

28/08/2020



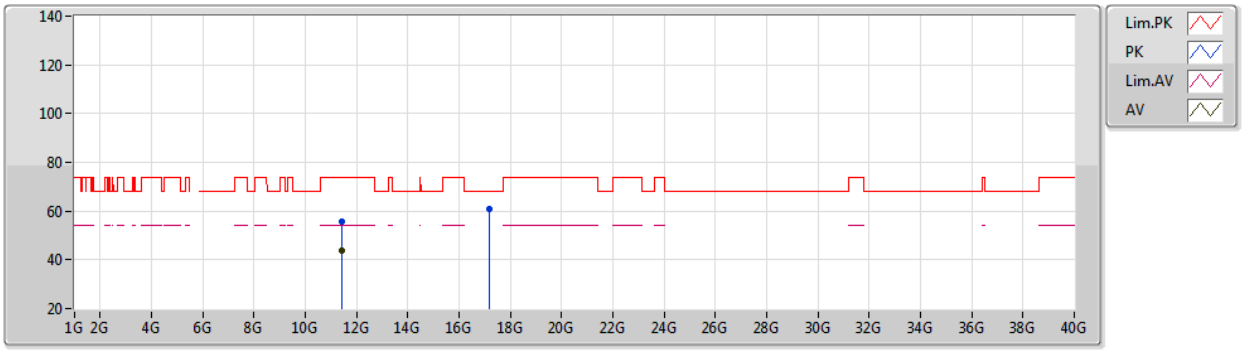
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44016G	55.33	74.00	-18.67	42.18	3	Vertical	132	2.80	-	39.18	8.01	34.04
AV	11.43988G	43.62	54.00	-10.38	30.47	3	Vertical	132	2.80	-	39.18	8.01	34.04
PK	17.1648G	60.35	68.20	-7.85	44.25	3	Vertical	172	1.40	-	40.95	9.63	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5720MHz Straddle 5.47-5.725GHz_TX

28/08/2020



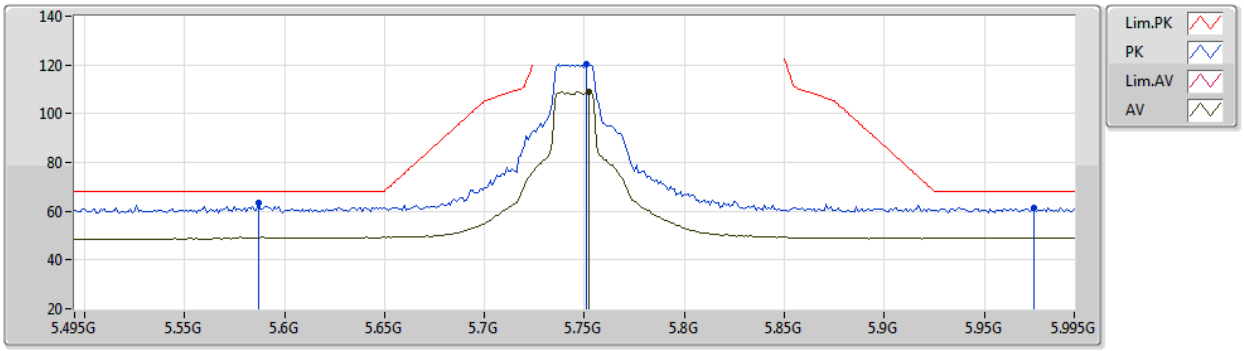
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.43984G	55.81	74.00	-18.19	42.66	3	Horizontal	136	2.14	-	39.18	8.01	34.04
AV	11.4399G	43.89	54.00	-10.11	30.74	3	Horizontal	136	2.14	-	39.18	8.01	34.04
PK	17.16244G	61.01	68.20	-7.19	44.91	3	Horizontal	126	2.33	-	40.95	9.63	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5745MHz_TX

28/08/2020



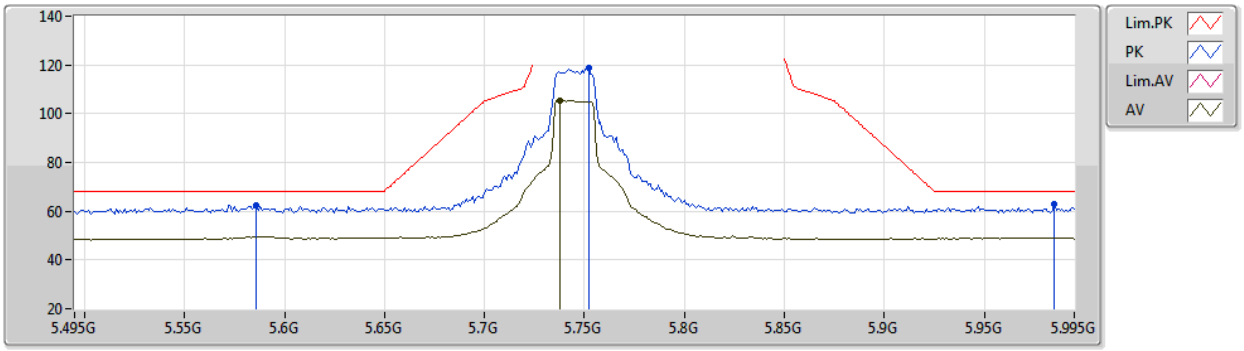
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.587G	63.29	68.20	-4.91	56.87	3	Vertical	353	2.56	-	33.97	5.15	32.70
PK	5.751G	120.17	Inf	-Inf	113.50	3	Vertical	353	2.56	-	34.20	5.22	32.75
AV	5.752G	108.89	Inf	-Inf	102.22	3	Vertical	353	2.56	-	34.20	5.22	32.75
PK	5.975G	61.52	68.20	-6.68	53.83	3	Vertical	353	2.56	-	35.20	5.31	32.82

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5745MHz_TX

28/08/2020



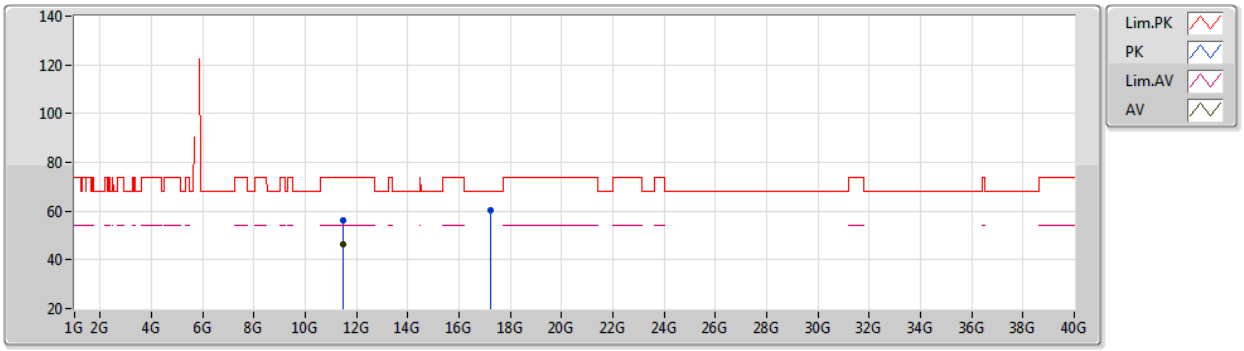
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.586G	62.46	68.20	-5.74	56.04	3	Horizontal	214	1.78	-	33.97	5.15	32.70
PK	5.752G	118.97	Inf	-Inf	112.30	3	Horizontal	214	1.78	-	34.20	5.22	32.75
AV	5.738G	105.31	Inf	-Inf	98.66	3	Horizontal	214	1.78	-	34.18	5.22	32.75
PK	5.985G	62.92	68.20	-5.28	55.20	3	Horizontal	214	1.78	-	35.24	5.31	32.83

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5745MHz_TX

28/08/2020



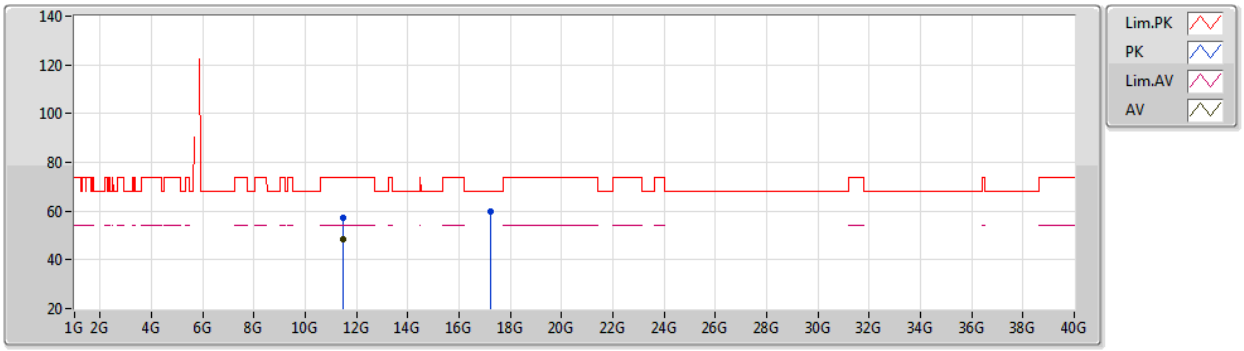
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48974G	56.20	74.00	-17.80	43.10	3	Vertical	96	1.96	-	39.16	8.01	34.07
AV	11.48982G	46.57	54.00	-7.43	33.47	3	Vertical	96	1.96	-	39.16	8.01	34.07
PK	17.23606G	60.55	68.20	-7.65	44.37	3	Vertical	211	1.95	-	41.01	9.65	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5745MHz_TX

28/08/2020



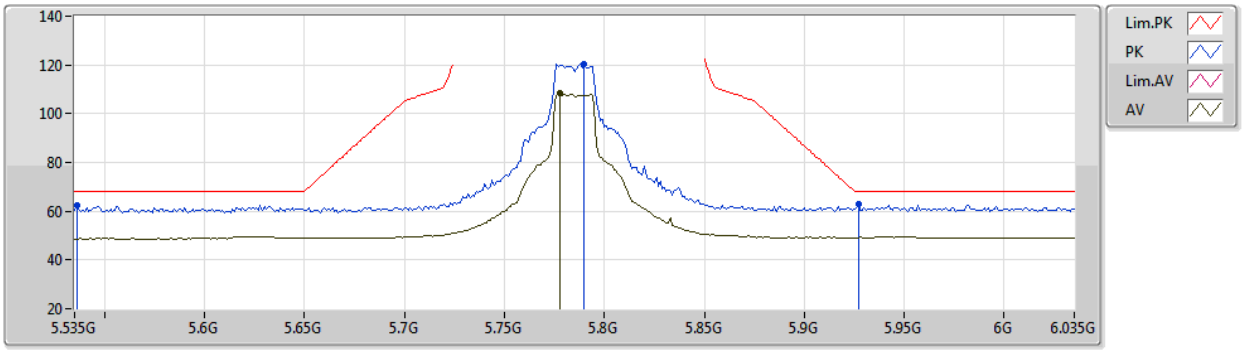
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4898G	57.22	74.00	-16.78	44.12	3	Horizontal	290	2.46	-	39.16	8.01	34.07
AV	11.48992G	48.27	54.00	-5.73	35.17	3	Horizontal	290	2.46	-	39.16	8.01	34.07
PK	17.23006G	59.84	68.20	-8.36	43.66	3	Horizontal	170	1.59	-	41.01	9.65	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5785MHz_TX

28/08/2020



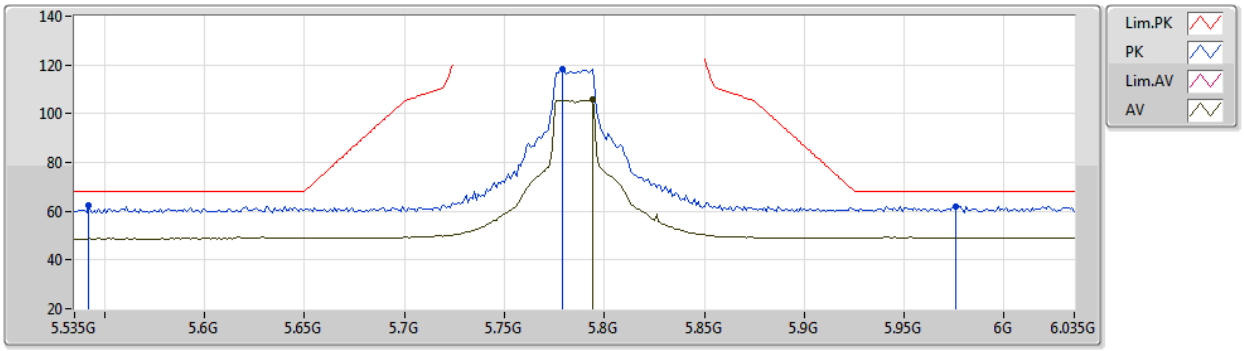
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.536G	62.35	68.20	-5.85	56.03	3	Vertical	241	2.58	-	33.87	5.13	32.68
PK	5.79G	120.23	Inf	-Inf	113.47	3	Vertical	241	2.58	-	34.28	5.24	32.76
AV	5.778G	108.44	Inf	-Inf	101.71	3	Vertical	241	2.58	-	34.26	5.23	32.76
PK	5.927G	62.73	68.20	-5.47	55.24	3	Vertical	241	2.58	-	35.01	5.29	32.81

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5785MHz_TX

28/08/2020



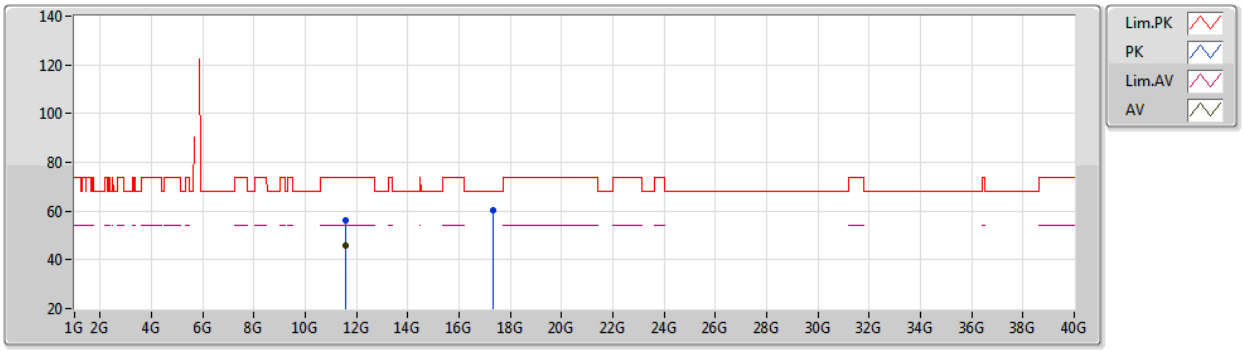
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.542G	62.21	68.20	-5.99	55.88	3	Horizontal	155	1.54	-	33.88	5.14	32.69
PK	5.779G	118.20	Inf	-Inf	111.47	3	Horizontal	155	1.54	-	34.26	5.23	32.76
AV	5.794G	105.64	Inf	-Inf	98.87	3	Horizontal	155	1.54	-	34.29	5.24	32.76
PK	5.976G	62.07	68.20	-6.13	54.38	3	Horizontal	155	1.54	-	35.20	5.31	32.82

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5785MHz_TX

28/08/2020



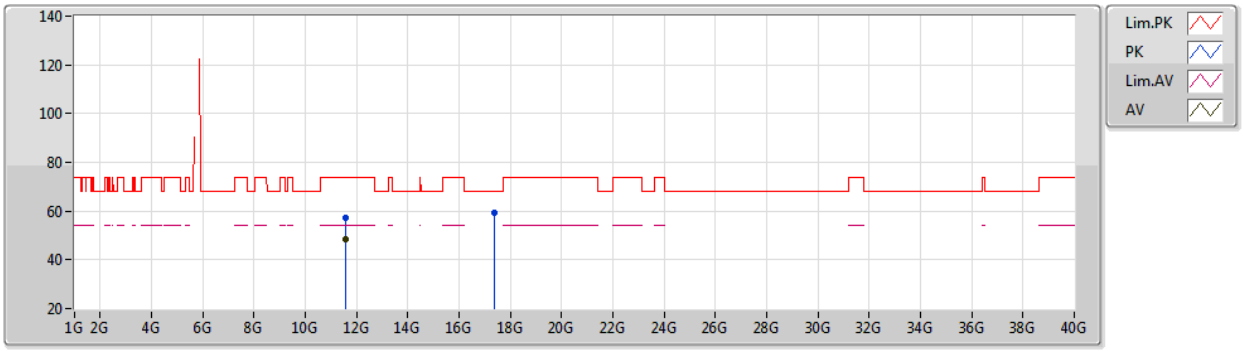
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57G	56.07	74.00	-17.93	43.07	3	Vertical	117	2.51	-	39.12	8.00	34.12
AV	11.56992G	46.10	54.00	-7.90	33.10	3	Vertical	117	2.51	-	39.12	8.00	34.12
PK	17.35112G	60.44	68.20	-7.76	44.14	3	Vertical	238	1.80	-	41.12	9.67	34.49

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5785MHz_TX

28/08/2020



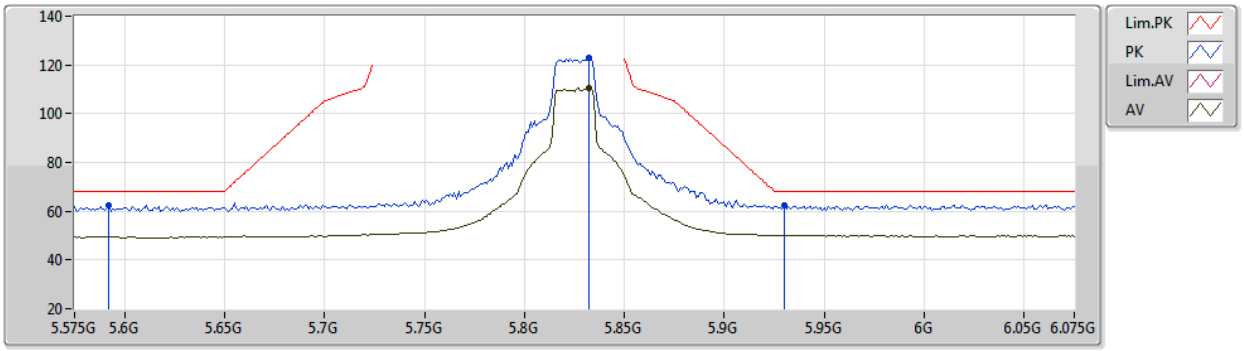
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57014G	57.31	74.00	-16.69	44.32	3	Horizontal	168	1.81	-	39.11	8.00	34.12
AV	11.5699G	48.25	54.00	-5.75	35.25	3	Horizontal	168	1.81	-	39.12	8.00	34.12
PK	17.35698G	59.55	68.20	-8.65	43.25	3	Horizontal	144	1.80	-	41.12	9.67	34.49

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5825MHz_TX

28/08/2020



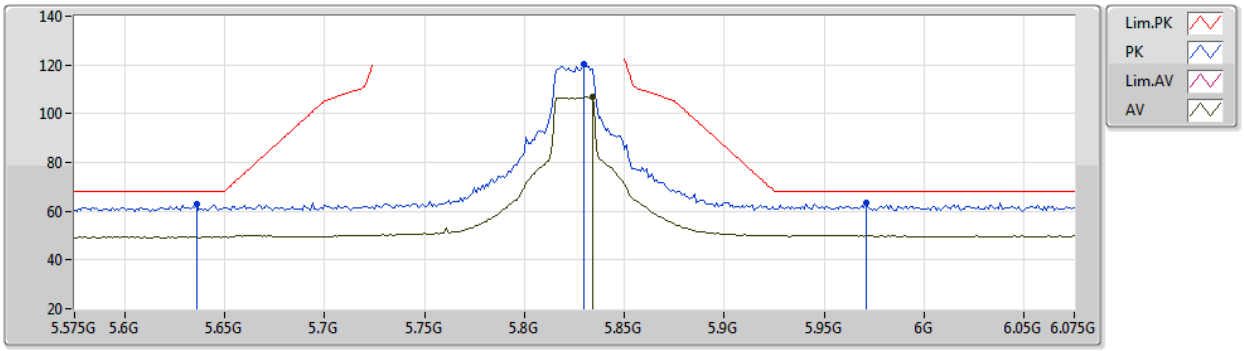
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.592G	62.40	68.20	-5.80	55.97	3	Vertical	348	2.52	-	33.98	5.16	32.71
PK	5.832G	122.98	Inf	-Inf	116.01	3	Vertical	348	2.52	-	34.49	5.25	32.77
AV	5.832G	110.68	Inf	-Inf	103.71	3	Vertical	348	2.52	-	34.49	5.25	32.77
PK	5.93G	62.65	68.20	-5.55	55.15	3	Vertical	348	2.52	-	35.02	5.29	32.81

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5825MHz_TX

28/08/2020



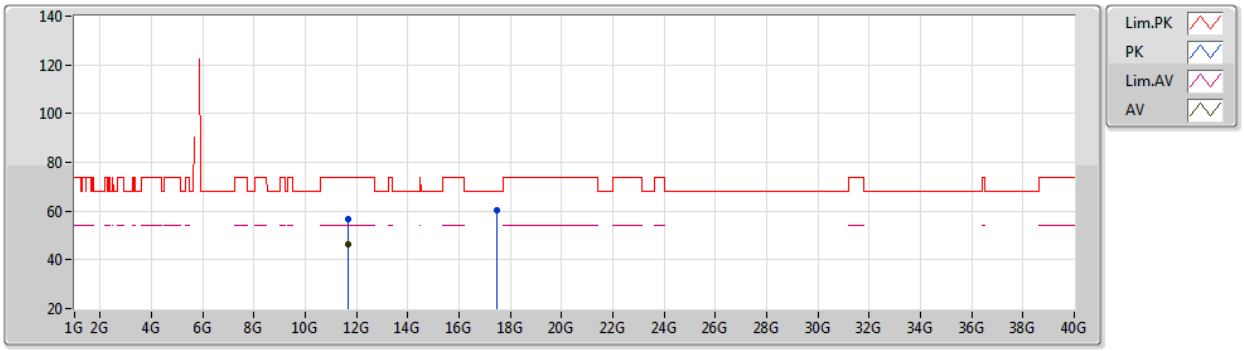
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.636G	62.79	68.20	-5.41	56.30	3	Horizontal	155	1.41	-	34.04	5.17	32.72
PK	5.83G	120.25	Inf	-Inf	113.29	3	Horizontal	155	1.41	-	34.48	5.25	32.77
AV	5.834G	106.88	Inf	-Inf	99.90	3	Horizontal	155	1.41	-	34.50	5.25	32.77
PK	5.971G	63.23	68.20	-4.97	55.56	3	Horizontal	155	1.41	-	35.18	5.31	32.82

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5825MHz_TX

28/08/2020



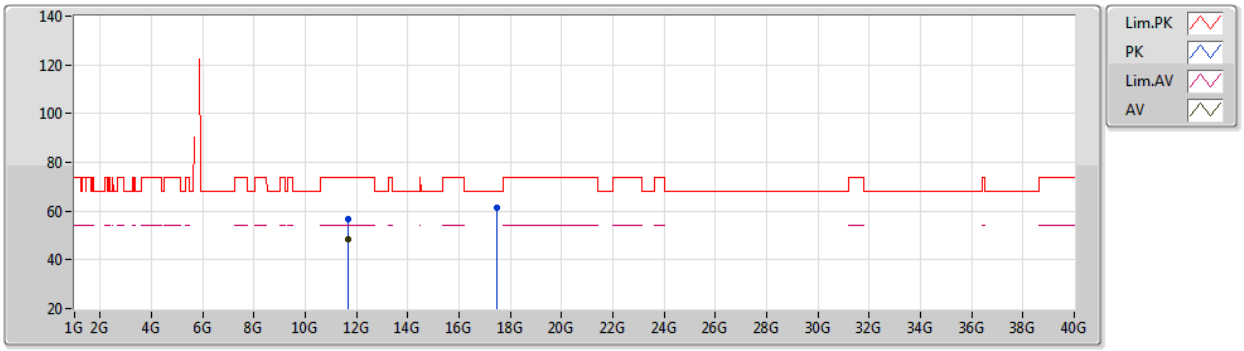
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64968G	56.95	74.00	-17.05	44.04	3	Vertical	191	1.43	-	39.08	8.00	34.17
AV	11.64984G	46.30	54.00	-7.70	33.39	3	Vertical	191	1.43	-	39.08	8.00	34.17
PK	17.47072G	60.46	68.20	-7.74	44.03	3	Vertical	24	1.42	-	41.22	9.70	34.49

802.11ax HEW20-BF_Nss1,(MCS0)_8TX

5825MHz_TX

28/08/2020



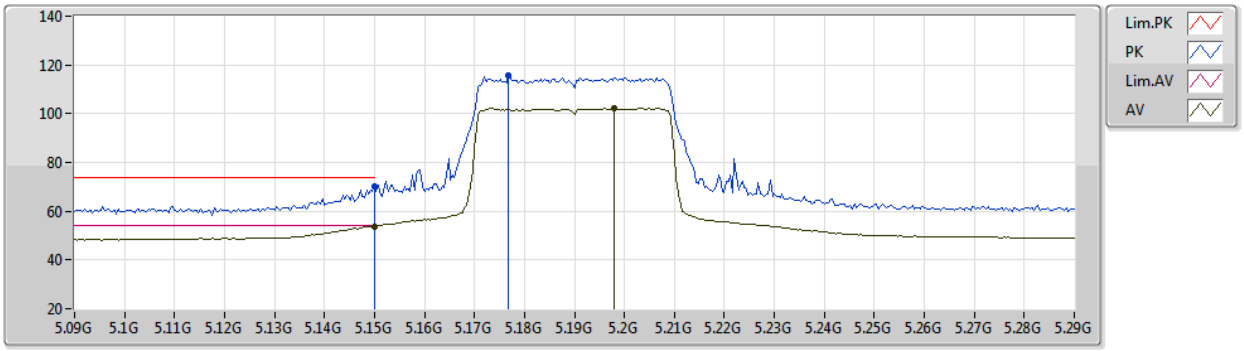
EUT Y_8TX
Setting 24
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65008G	56.97	74.00	-17.03	44.07	3	Horizontal	59	1.29	-	39.07	8.00	34.17
AV	11.64988G	48.34	54.00	-5.66	35.43	3	Horizontal	59	1.29	-	39.08	8.00	34.17
PK	17.4734G	61.31	68.20	-6.89	44.87	3	Horizontal	334	2.57	-	41.23	9.70	34.49

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5190MHz_TX

28/08/2020



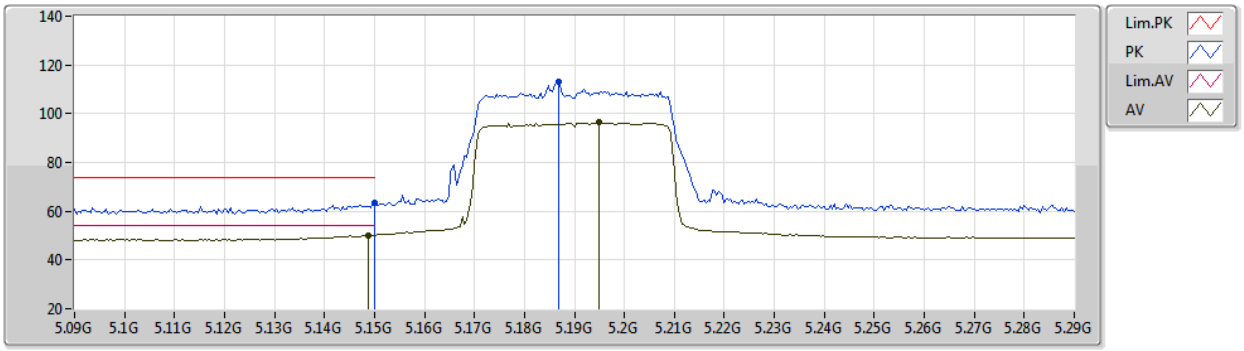
EUT Y_8TX
Setting 16.5
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	69.94	74.00	-4.06	64.71	3	Vertical	189	2.56	-	33.05	4.98	32.80
AV	5.15G	53.66	54.00	-0.34	48.43	3	Vertical	189	2.56	-	33.05	4.98	32.80
PK	5.1768G	115.46	Inf	-Inf	110.18	3	Vertical	189	2.56	-	33.08	4.99	32.79
AV	5.198G	102.46	Inf	-Inf	97.14	3	Vertical	189	2.56	-	33.10	5.00	32.78

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5190MHz_TX

28/08/2020



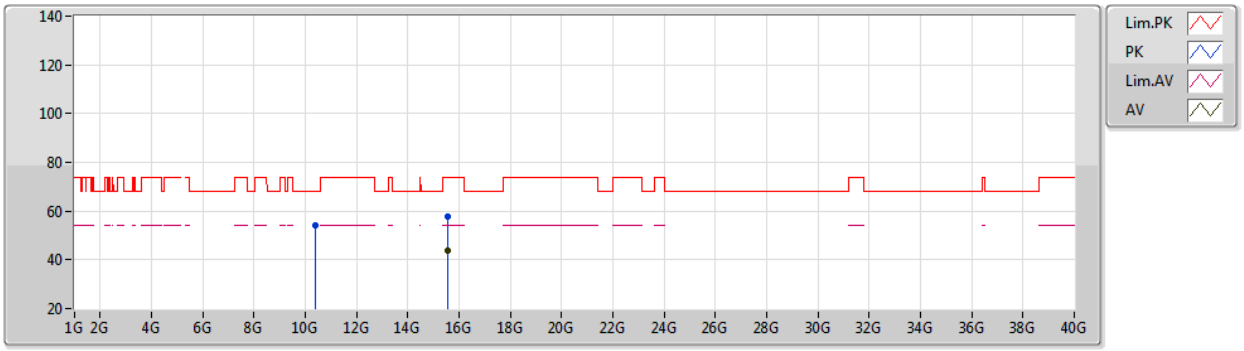
EUT Y_8TX
Setting 16.5
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	63.46	74.00	-10.54	58.23	3	Horizontal	146	1.72	-	33.05	4.98	32.80
AV	5.1488G	50.25	54.00	-3.75	45.02	3	Horizontal	146	1.72	-	33.05	4.98	32.80
PK	5.1868G	113.03	Inf	-Inf	107.72	3	Horizontal	146	1.72	-	33.09	5.00	32.78
AV	5.1948G	96.30	Inf	-Inf	90.99	3	Horizontal	146	1.72	-	33.09	5.00	32.78

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5190MHz_TX

28/08/2020



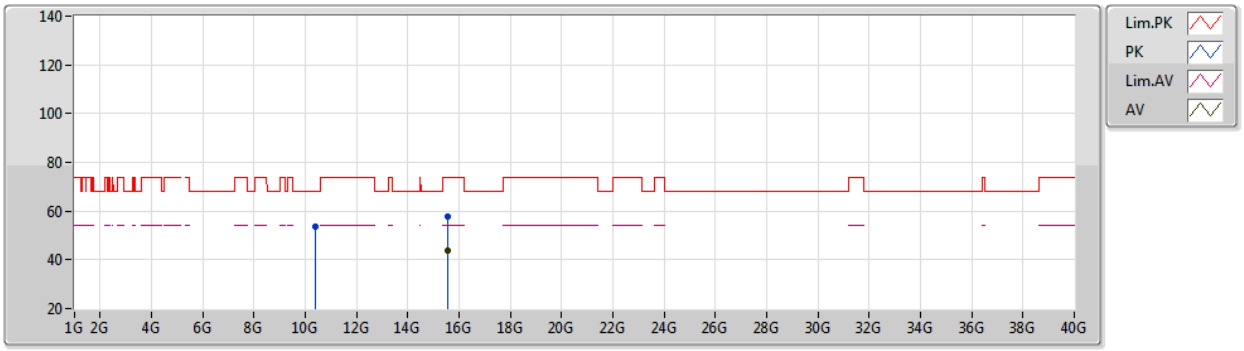
EUT Y_8TX
Setting 16.5
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38482G	54.29	68.20	-13.91	41.10	3	Vertical	67	2.83	-	38.91	7.62	33.34
PK	15.5743G	57.66	74.00	-16.34	44.05	3	Vertical	333	1.06	-	39.07	8.82	34.28
AV	15.57362G	43.96	54.00	-10.04	30.35	3	Vertical	333	1.06	-	39.07	8.82	34.28

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5190MHz_TX

28/08/2020



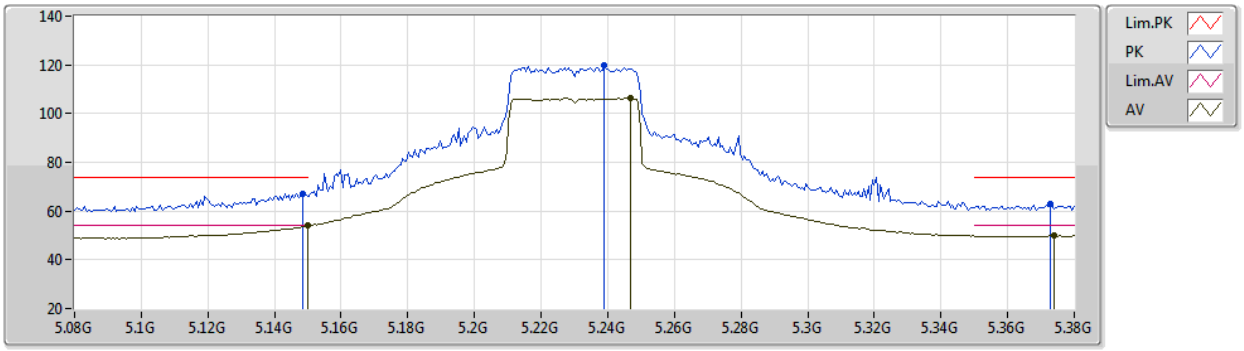
EUT Y_8TX
Setting 16.5
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3799G	53.65	68.20	-14.55	40.47	3	Horizontal	330	2.42	-	38.90	7.61	33.33
PK	15.56936G	57.70	74.00	-16.30	44.09	3	Horizontal	106	2.02	-	39.07	8.82	34.28
AV	15.57424G	43.89	54.00	-10.11	30.28	3	Horizontal	106	2.02	-	39.07	8.82	34.28

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5230MHz_TX

28/08/2020



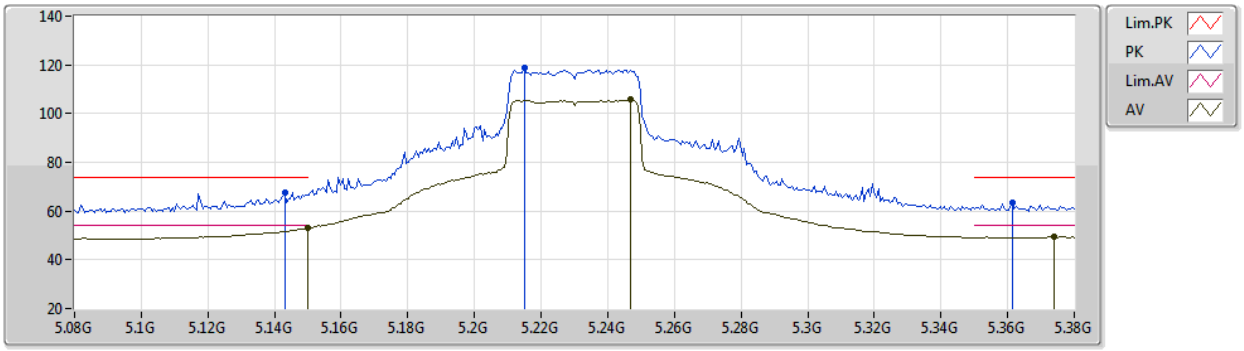
EUT Y_8TX
Setting 23.5
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	67.10	74.00	-6.90	61.87	3	Vertical	188	2.40	-	33.05	4.98	32.80
AV	5.15G	53.97	54.00	-0.03	48.74	3	Vertical	188	2.40	-	33.05	4.98	32.80
PK	5.239G	119.95	Inf	-Inf	114.55	3	Vertical	188	2.40	-	33.14	5.02	32.76
AV	5.2468G	106.59	Inf	-Inf	101.18	3	Vertical	188	2.40	-	33.15	5.02	32.76
PK	5.3728G	62.86	74.00	-11.14	57.08	3	Vertical	188	2.40	-	33.42	5.07	32.71
AV	5.374G	50.03	54.00	-3.97	44.25	3	Vertical	188	2.40	-	33.42	5.07	32.71

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5230MHz_TX

28/08/2020



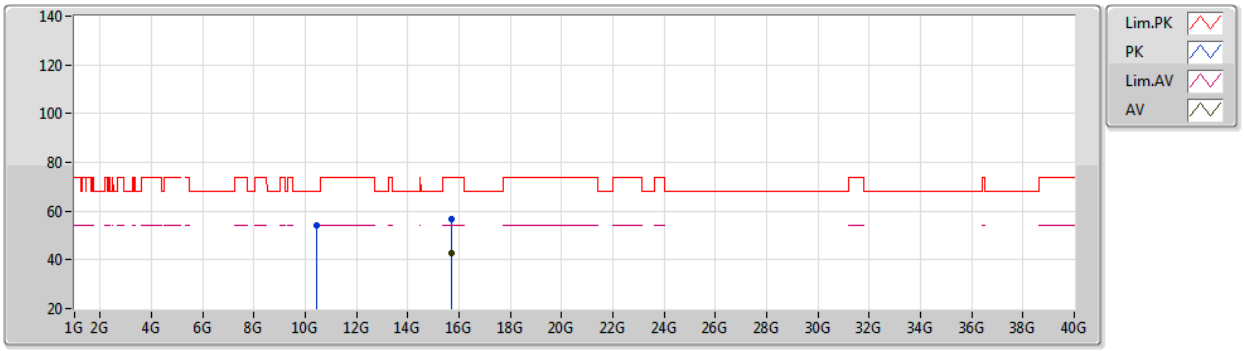
EUT Y_8TX
Setting 23.5
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.143G	67.72	74.00	-6.28	62.50	3	Horizontal	179	2.08	-	33.04	4.98	32.80
AV	5.15G	53.05	54.00	-0.95	47.82	3	Horizontal	179	2.08	-	33.05	4.98	32.80
PK	5.215G	118.56	Inf	-Inf	113.20	3	Horizontal	179	2.08	-	33.12	5.01	32.77
AV	5.2468G	105.70	Inf	-Inf	100.29	3	Horizontal	179	2.08	-	33.15	5.02	32.76
PK	5.3614G	63.27	74.00	-10.73	57.54	3	Horizontal	179	2.08	-	33.38	5.07	32.72
AV	5.374G	49.45	54.00	-4.55	43.67	3	Horizontal	179	2.08	-	33.42	5.07	32.71

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5230MHz_TX

28/08/2020



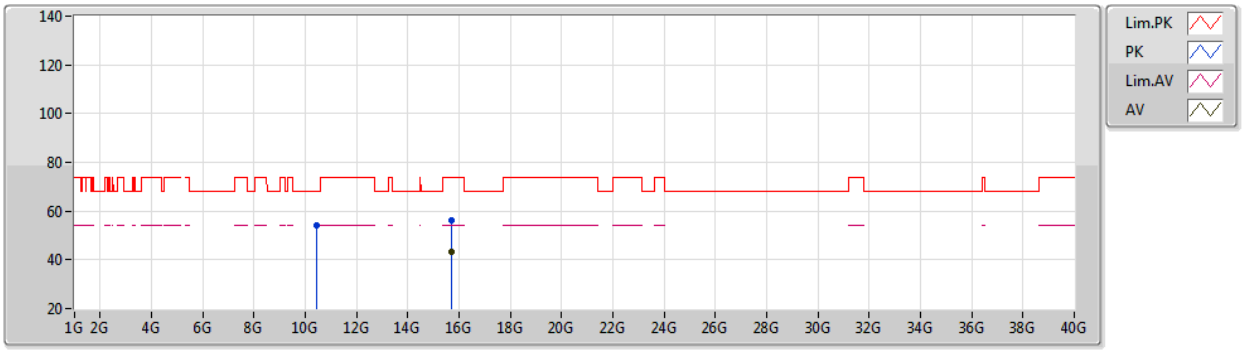
EUT Y_8TX
Setting 23.5
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45672G	54.22	68.20	-13.98	40.97	3	Vertical	13	2.76	-	38.97	7.67	33.39
PK	15.68642G	56.65	74.00	-17.35	43.23	3	Vertical	209	2.71	-	38.94	8.84	34.36
AV	15.68592G	42.98	54.00	-11.02	29.55	3	Vertical	209	2.71	-	38.95	8.84	34.36

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5230MHz_TX

28/08/2020



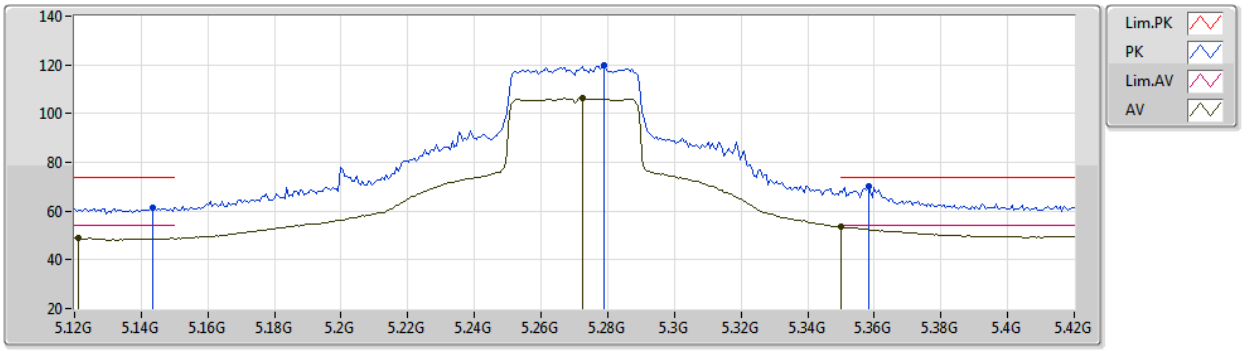
EUT Y_8TX
Setting 23.5
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45786G	53.93	68.20	-14.27	40.68	3	Horizontal	171	1.85	-	38.97	7.67	33.39
PK	15.68944G	56.46	74.00	-17.54	43.03	3	Horizontal	210	1.42	-	38.94	8.85	34.36
AV	15.69424G	43.06	54.00	-10.94	29.64	3	Horizontal	210	1.42	-	38.94	8.85	34.37

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5270MHz_TX

28/08/2020



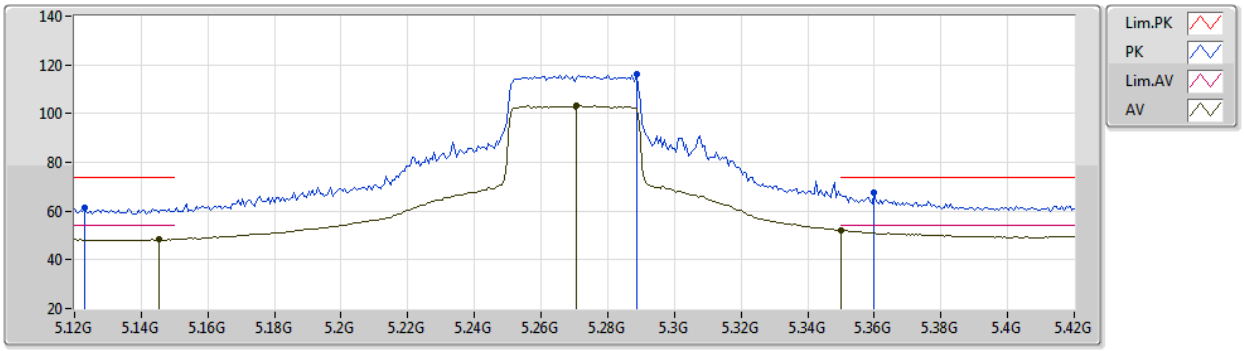
EUT Y_8TX
Setting 23
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1434G	61.55	74.00	-12.45	56.33	3	Vertical	188	2.46	-	33.04	4.98	32.80
AV	5.1212G	48.81	54.00	-5.19	43.61	3	Vertical	188	2.46	-	33.02	4.98	32.80
PK	5.279G	120.00	Inf	-Inf	114.53	3	Vertical	188	2.46	-	33.18	5.04	32.75
AV	5.2724G	106.28	Inf	-Inf	100.82	3	Vertical	188	2.46	-	33.17	5.04	32.75
PK	5.3582G	69.99	74.00	-4.01	64.27	3	Vertical	188	2.46	-	33.37	5.07	32.72
AV	5.35G	53.52	54.00	-0.48	47.83	3	Vertical	188	2.46	-	33.35	5.06	32.72

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5270MHz_TX

28/08/2020



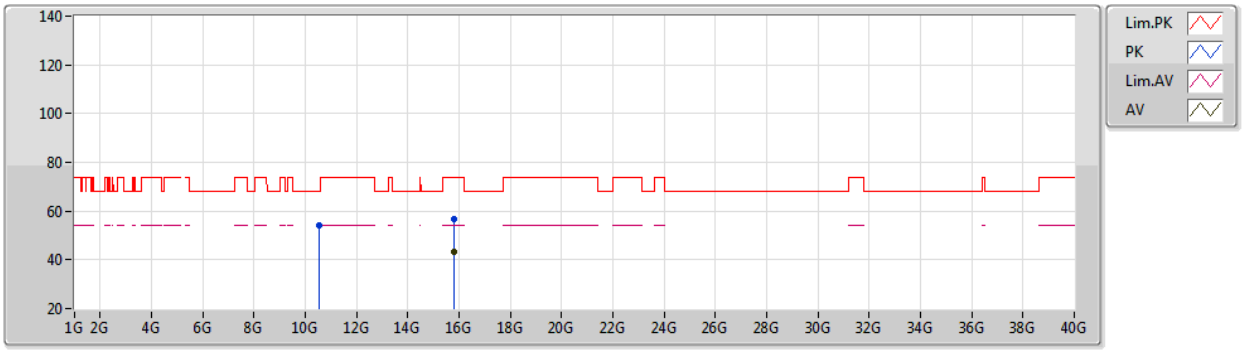
EUT Y_8TX
Setting 23
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.123G	61.21	74.00	-12.79	56.01	3	Horizontal	189	1.51	-	33.02	4.98	32.80
AV	5.1452G	48.31	54.00	-5.69	43.08	3	Horizontal	189	1.51	-	33.05	4.98	32.80
PK	5.2886G	116.12	Inf	-Inf	110.63	3	Horizontal	189	1.51	-	33.19	5.04	32.74
AV	5.2706G	103.44	Inf	-Inf	97.98	3	Horizontal	189	1.51	-	33.17	5.04	32.75
PK	5.36G	67.39	74.00	-6.61	61.66	3	Horizontal	189	1.51	-	33.38	5.07	32.72
AV	5.35G	52.23	54.00	-1.77	46.53	3	Horizontal	189	1.51	-	33.35	5.07	32.72

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5270MHz_TX

28/08/2020



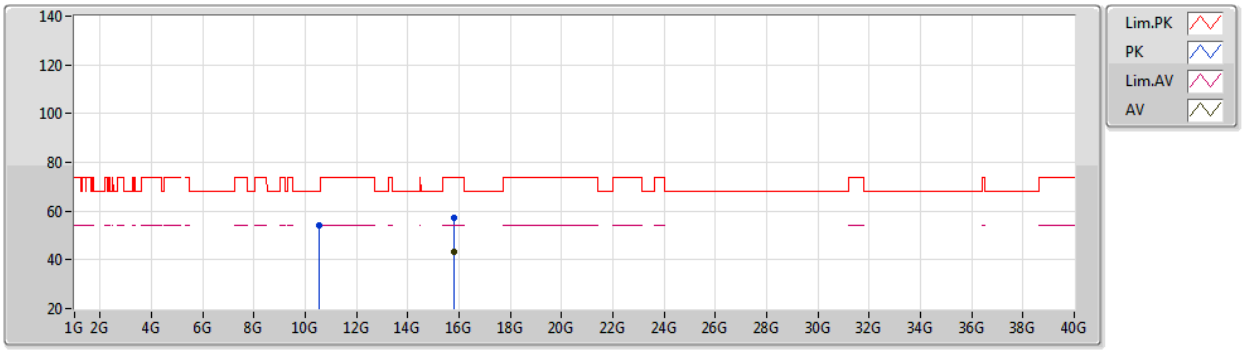
EUT Y_8TX
Setting 23
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.53556G	53.98	68.20	-14.22	40.68	3	Vertical	357	2.26	-	39.03	7.72	33.45
PK	15.8055G	56.97	74.00	-17.03	43.73	3	Vertical	32	1.67	-	38.81	8.87	34.44
AV	15.80674G	43.48	54.00	-10.52	30.24	3	Vertical	32	1.67	-	38.81	8.87	34.44

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5270MHz_TX

28/08/2020



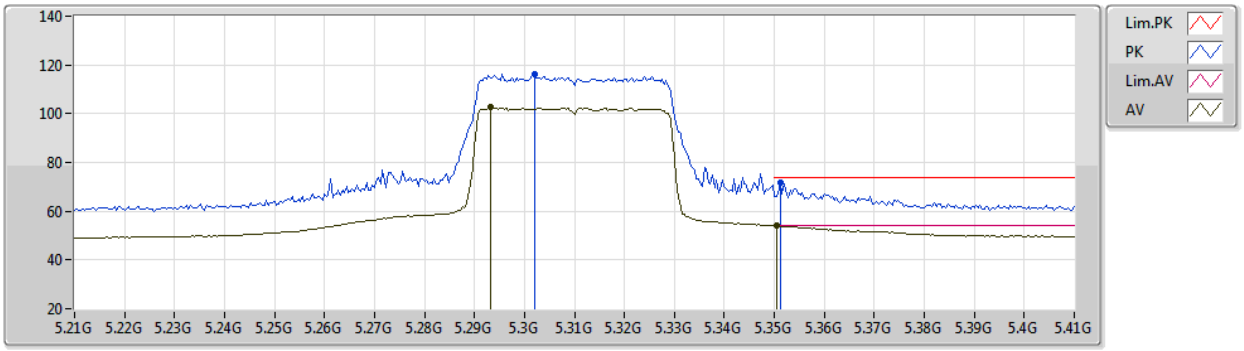
EUT Y_8TX
Setting 23
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.53938G	54.09	68.20	-14.11	40.79	3	Horizontal	250	2.18	-	39.03	7.72	33.45
PK	15.81416G	57.18	74.00	-16.82	43.95	3	Horizontal	138	1.57	-	38.80	8.88	34.45
AV	15.81198G	43.35	54.00	-10.65	30.11	3	Horizontal	138	1.57	-	38.81	8.87	34.44

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5310MHz_TX

28/08/2020



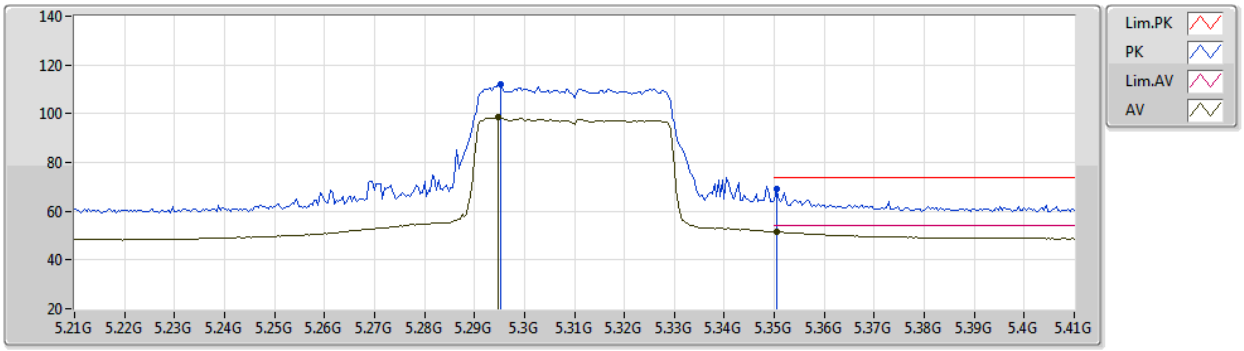
EUT Y_8TX
Setting 18
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.302G	116.25	Inf	-Inf	110.73	3	Vertical	189	2.46	-	33.21	5.05	32.74
AV	5.2932G	102.70	Inf	-Inf	97.20	3	Vertical	189	2.46	-	33.19	5.05	32.74
PK	5.3512G	71.70	74.00	-2.30	66.00	3	Vertical	189	2.46	-	33.35	5.07	32.72
AV	5.3504G	53.97	54.00	-0.03	48.27	3	Vertical	189	2.46	-	33.35	5.07	32.72

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5310MHz_TX

28/08/2020



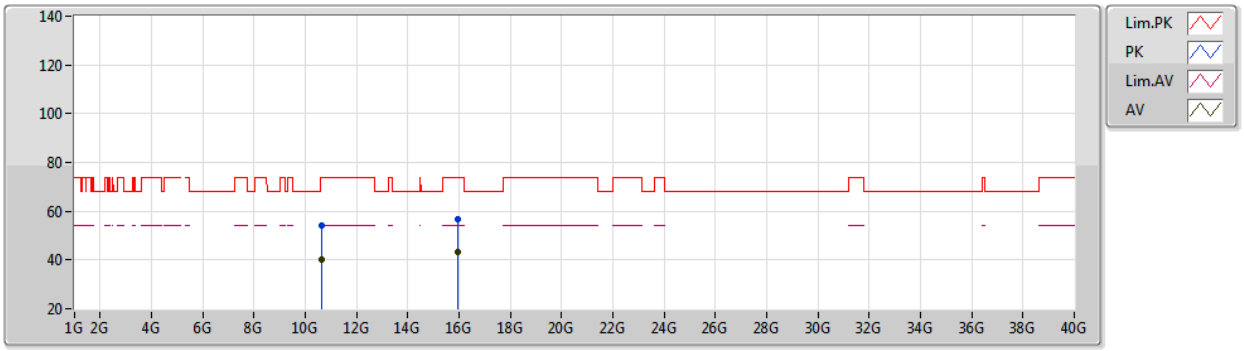
EUT Y_8TX
Setting 18
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2952G	112.26	Inf	-Inf	106.75	3	Horizontal	153	1.50	-	33.20	5.05	32.74
AV	5.2948G	98.50	Inf	-Inf	93.00	3	Horizontal	153	1.50	-	33.19	5.05	32.74
PK	5.3504G	69.08	74.00	-4.92	63.38	3	Horizontal	153	1.50	-	33.35	5.07	32.72
AV	5.3504G	51.62	54.00	-2.38	45.92	3	Horizontal	153	1.50	-	33.35	5.07	32.72

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5310MHz_TX

28/08/2020



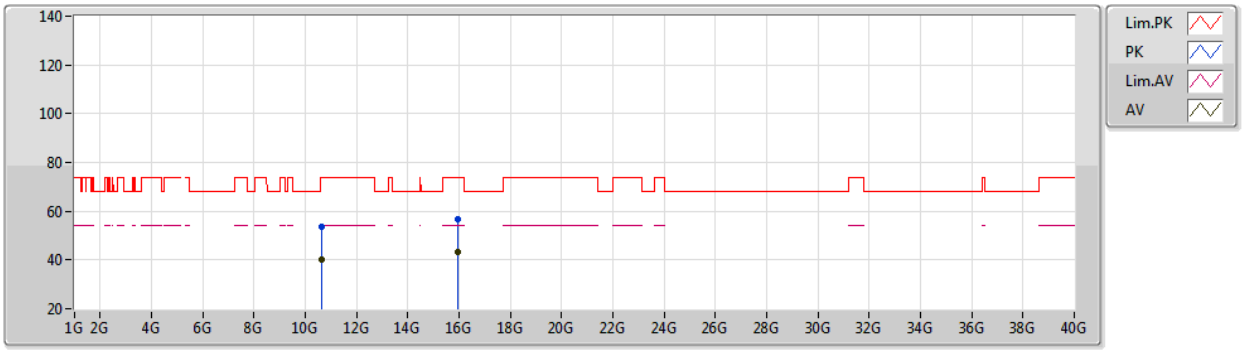
EUT Y_8TX
Setting 18
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.61544G	54.09	74.00	-19.91	40.73	3	Vertical	46	2.94	-	39.09	7.77	33.50
AV	10.61506G	40.30	54.00	-13.70	26.94	3	Vertical	46	2.94	-	39.09	7.77	33.50
PK	15.92976G	56.84	74.00	-17.16	43.78	3	Vertical	290	1.36	-	38.68	8.90	34.52
AV	15.93466G	43.17	54.00	-10.83	30.13	3	Vertical	290	1.36	-	38.67	8.90	34.53

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5310MHz_TX

28/08/2020



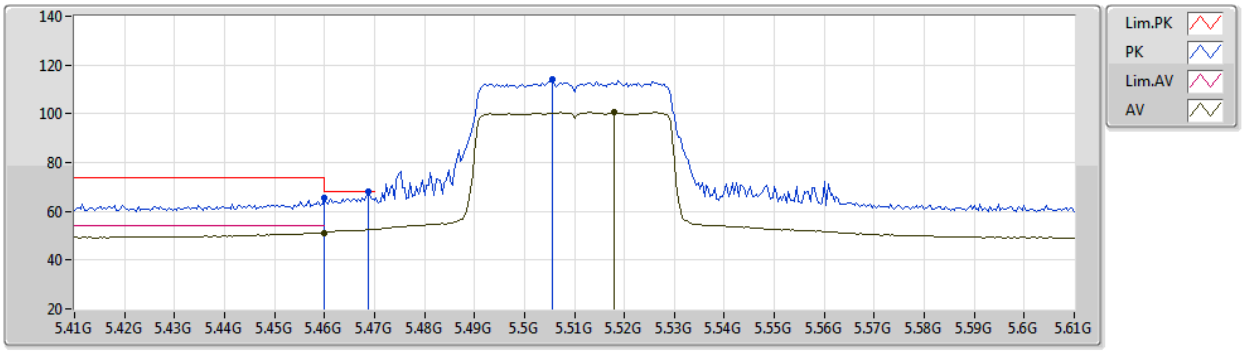
EUT Y_8TX
Setting 18
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.61532G	53.56	74.00	-20.44	40.20	3	Horizontal	174	2.31	-	39.09	7.77	33.50
AV	10.62346G	40.25	54.00	-13.75	26.88	3	Horizontal	174	2.31	-	39.10	7.78	33.51
PK	15.92938G	56.47	74.00	-17.53	43.41	3	Horizontal	56	2.60	-	38.68	8.90	34.52
AV	15.92926G	43.26	54.00	-10.74	30.20	3	Horizontal	56	2.60	-	38.68	8.90	34.52

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5510MHz_TX

28/08/2020



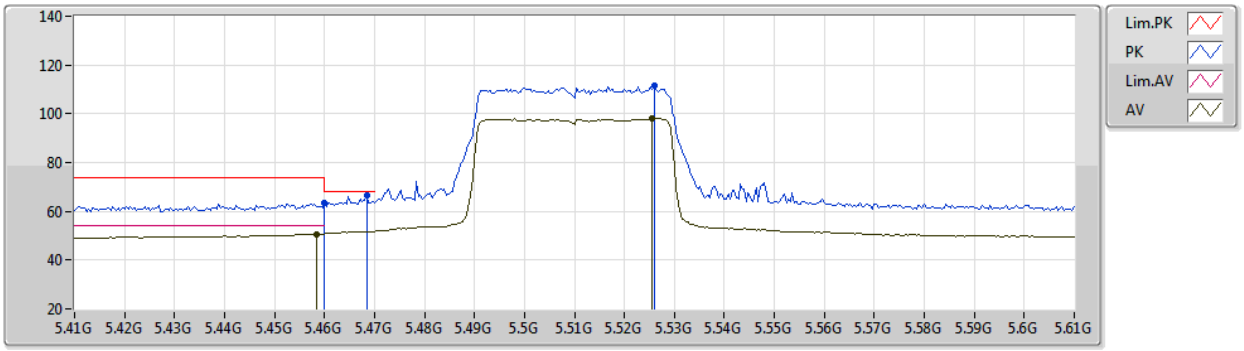
EUT Y_8TX
Setting 17
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	65.59	74.00	-8.41	59.49	3	Vertical	190	2.51	-	33.68	5.10	32.68
AV	5.46G	51.29	54.00	-2.71	45.19	3	Vertical	190	2.51	-	33.68	5.10	32.68
PK	5.4688G	68.01	68.20	-0.19	61.87	3	Vertical	190	2.51	-	33.71	5.11	32.68
PK	5.5056G	114.10	Inf	-Inf	107.84	3	Vertical	190	2.51	-	33.81	5.12	32.67
AV	5.518G	100.62	Inf	-Inf	94.33	3	Vertical	190	2.51	-	33.84	5.13	32.68

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5510MHz_TX

28/08/2020



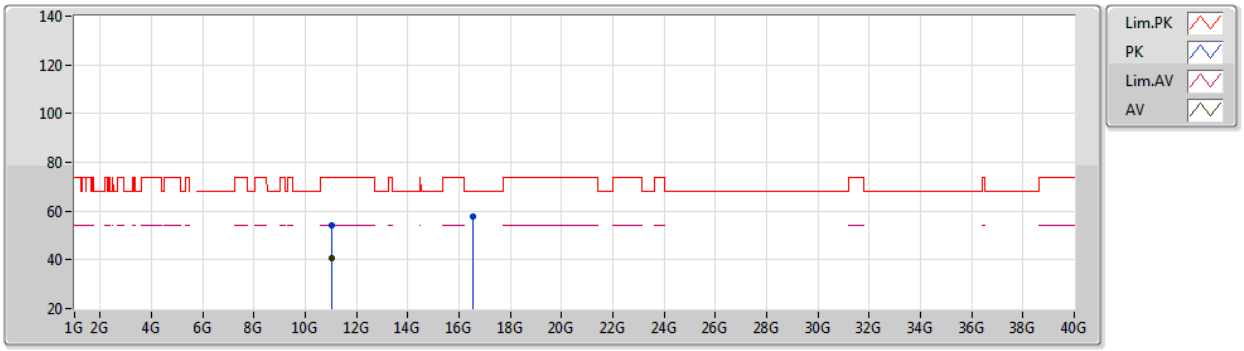
EUT Y_8TX
Setting 17
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	63.19	74.00	-10.81	57.09	3	Horizontal	195	1.50	-	33.68	5.10	32.68
AV	5.4584G	50.76	54.00	-3.24	44.66	3	Horizontal	195	1.50	-	33.68	5.10	32.68
PK	5.4684G	66.35	68.20	-1.85	60.21	3	Horizontal	195	1.50	-	33.71	5.11	32.68
PK	5.526G	111.45	Inf	-Inf	105.15	3	Horizontal	195	1.50	-	33.85	5.13	32.68
AV	5.5256G	98.27	Inf	-Inf	91.97	3	Horizontal	195	1.50	-	33.85	5.13	32.68

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5510MHz_TX

28/08/2020



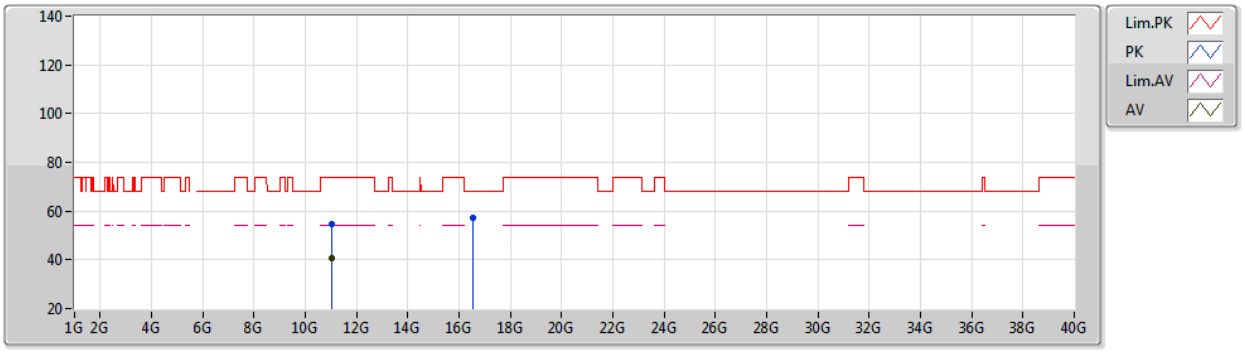
EUT Y_8TX
Setting 17
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0249G	54.29	74.00	-19.71	40.66	3	Vertical	92	1.55	-	39.39	8.03	33.79
AV	11.02444G	40.66	54.00	-13.34	27.03	3	Vertical	92	1.55	-	39.39	8.03	33.79
PK	16.52506G	57.76	68.20	-10.44	43.24	3	Vertical	255	2.03	-	39.76	9.28	34.52

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5510MHz_TX

28/08/2020



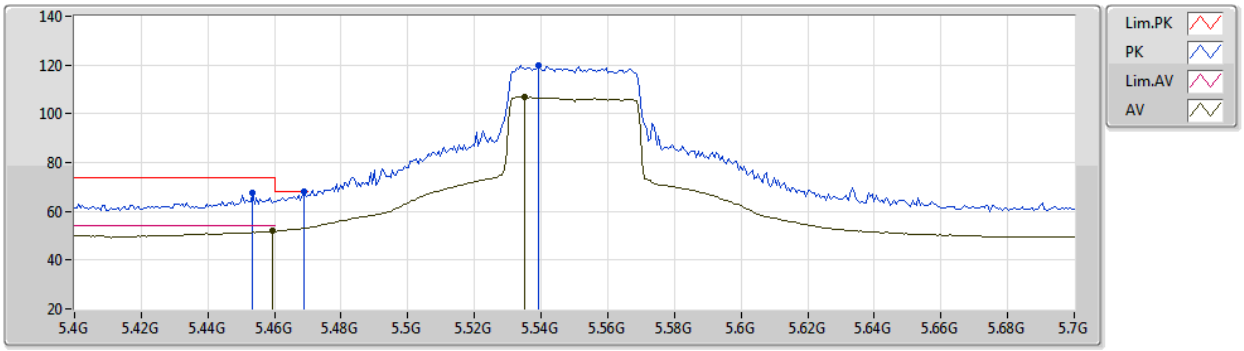
EUT Y_8TX
Setting 17
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.02414G	54.82	74.00	-19.18	41.19	3	Horizontal	200	2.91	-	39.39	8.03	33.79
AV	11.02358G	40.67	54.00	-13.33	27.04	3	Horizontal	200	2.91	-	39.39	8.03	33.79
PK	16.52904G	57.43	68.20	-10.77	42.91	3	Horizontal	330	1.93	-	39.76	9.28	34.52

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5550MHz_TX

28/08/2020



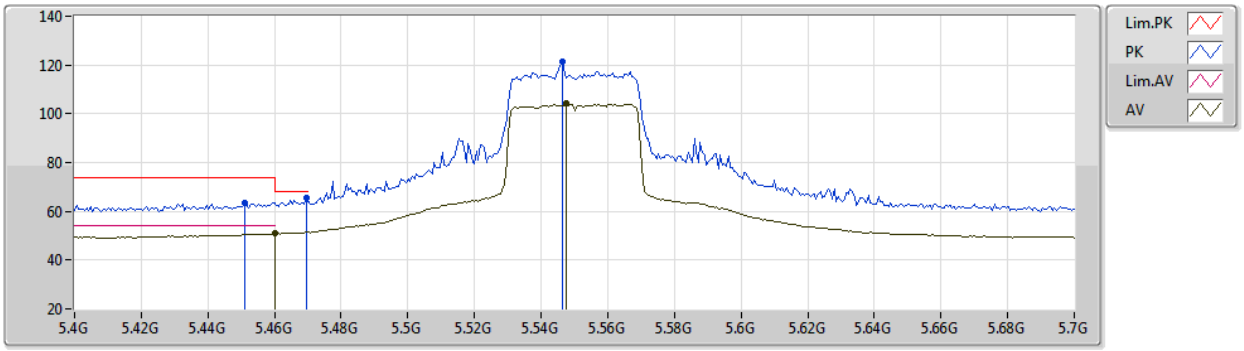
EUT Y_8TX
Setting 22
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4534G	67.65	74.00	-6.35	61.57	3	Vertical	191	2.40	-	33.66	5.10	32.68
AV	5.4594G	51.88	54.00	-2.12	45.78	3	Vertical	191	2.40	-	33.68	5.10	32.68
PK	5.469G	67.86	68.20	-0.34	61.72	3	Vertical	191	2.40	-	33.71	5.11	32.68
PK	5.5392G	119.78	Inf	-Inf	113.45	3	Vertical	191	2.40	-	33.88	5.14	32.69
AV	5.535G	107.05	Inf	-Inf	100.73	3	Vertical	191	2.40	-	33.87	5.13	32.68

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5550MHz_TX

28/08/2020



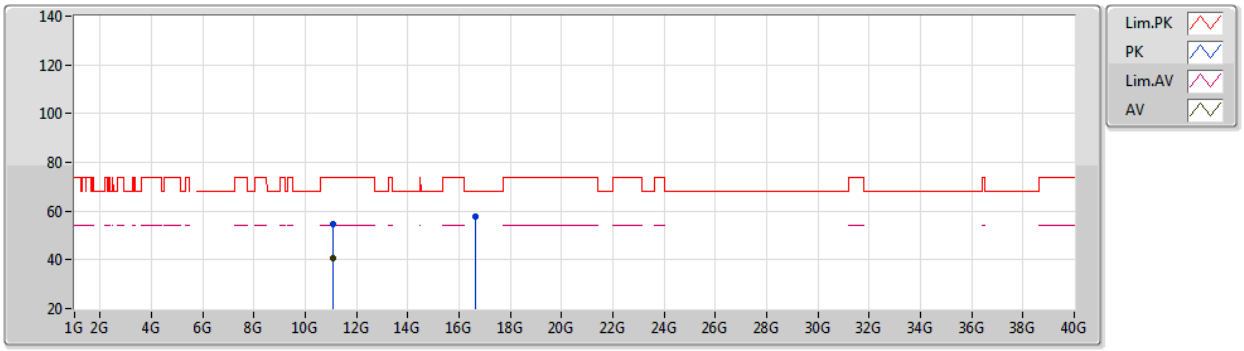
EUT Y_8TX
Setting 22
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.451G	63.35	74.00	-10.65	57.28	3	Horizontal	177	1.37	-	33.65	5.10	32.68
AV	5.46G	50.82	54.00	-3.18	44.72	3	Horizontal	177	1.37	-	33.68	5.10	32.68
PK	5.4696G	65.32	68.20	-2.88	59.18	3	Horizontal	177	1.37	-	33.71	5.11	32.68
PK	5.5464G	121.22	Inf	-Inf	114.88	3	Horizontal	177	1.37	-	33.89	5.14	32.69
AV	5.5476G	104.36	Inf	-Inf	98.01	3	Horizontal	177	1.37	-	33.90	5.14	32.69

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5550MHz_TX

28/08/2020



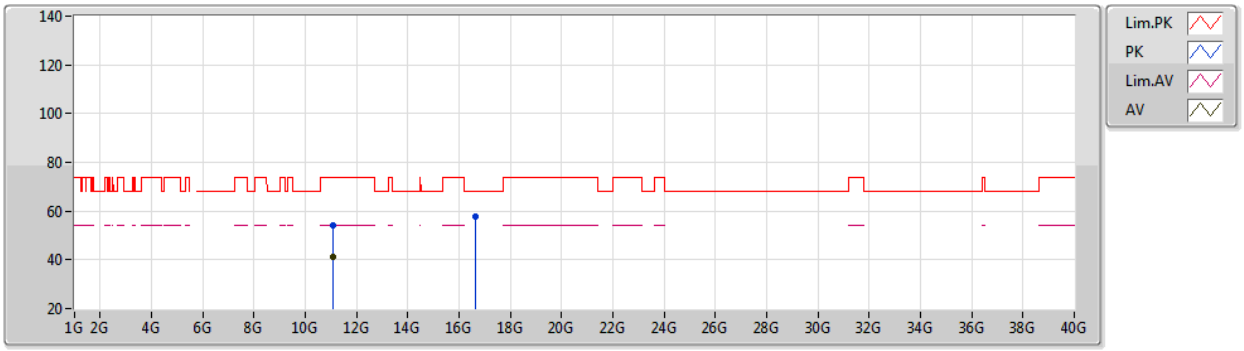
EUT Y_8TX
Setting 22
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09678G	54.40	74.00	-19.60	40.86	3	Vertical	58	1.72	-	39.35	8.03	33.84
AV	11.10118G	40.70	54.00	-13.30	27.17	3	Vertical	58	1.72	-	39.35	8.02	33.84
PK	16.64958G	57.78	68.20	-10.42	42.90	3	Vertical	192	1.88	-	40.03	9.36	34.51

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5550MHz_TX

28/08/2020



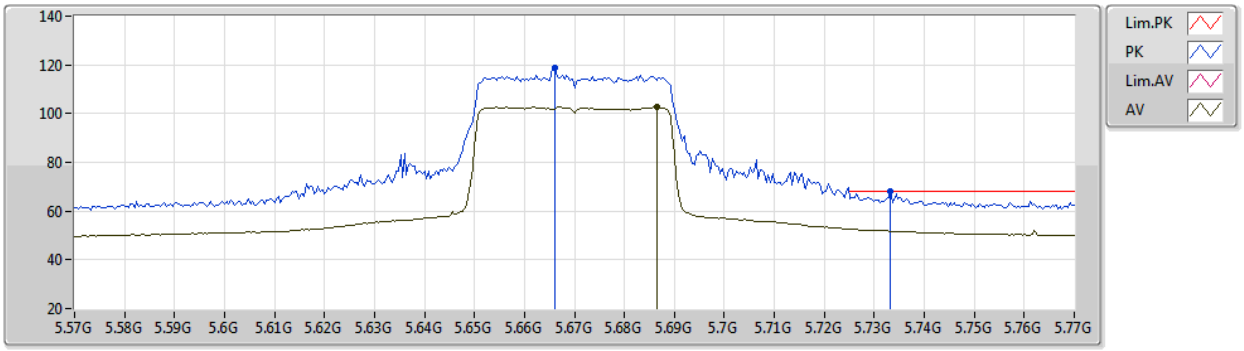
EUT Y_8TX
Setting 22
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09756G	54.05	74.00	-19.95	40.51	3	Horizontal	346	1.77	-	39.35	8.03	33.84
AV	11.0954G	40.95	54.00	-13.05	27.41	3	Horizontal	346	1.77	-	39.35	8.03	33.84
PK	16.6545G	57.53	68.20	-10.67	42.62	3	Horizontal	307	1.25	-	40.04	9.37	34.50

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5670MHz_TX

28/08/2020



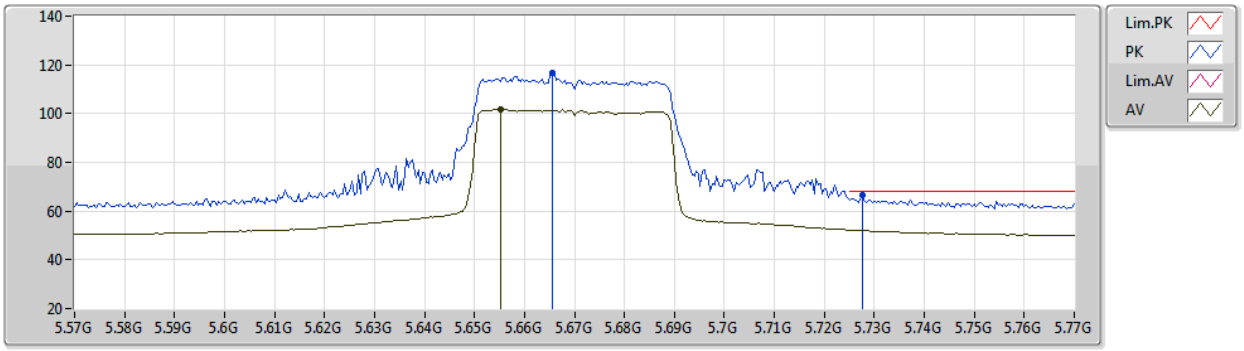
EUT Y_8TX
Setting 19
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.666G	119.00	Inf	-Inf	112.47	3	Vertical	348	2.40	-	34.07	5.19	32.73
AV	5.6864G	102.90	Inf	-Inf	96.36	3	Vertical	348	2.40	-	34.09	5.19	32.74
PK	5.7332G	68.18	68.20	-0.02	61.55	3	Vertical	348	2.40	-	34.17	5.21	32.75

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5670MHz_TX

28/08/2020



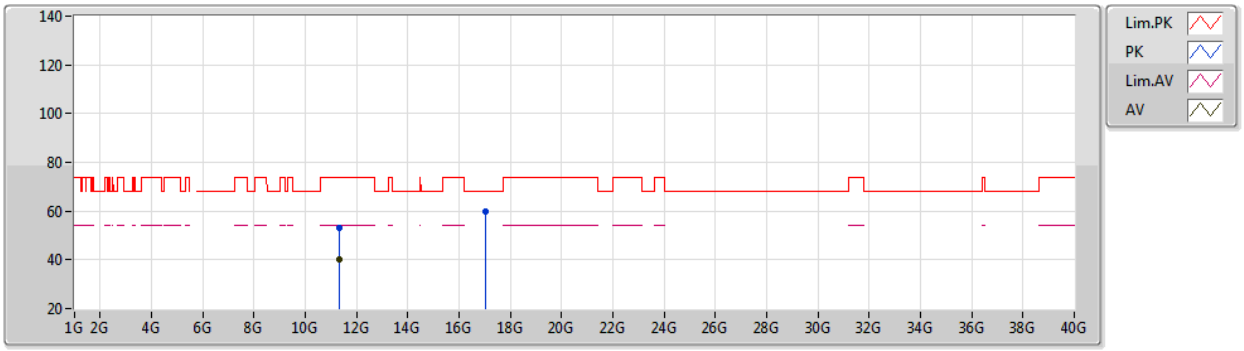
EUT Y_8TX
Setting 19
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6656G	116.80	Inf	-Inf	110.27	3	Horizontal	183	1.41	-	34.07	5.19	32.73
AV	5.6552G	101.75	Inf	-Inf	95.24	3	Horizontal	183	1.41	-	34.06	5.18	32.73
PK	5.7276G	66.69	68.20	-1.51	60.07	3	Horizontal	183	1.41	-	34.16	5.21	32.75

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5670MHz_TX

28/08/2020



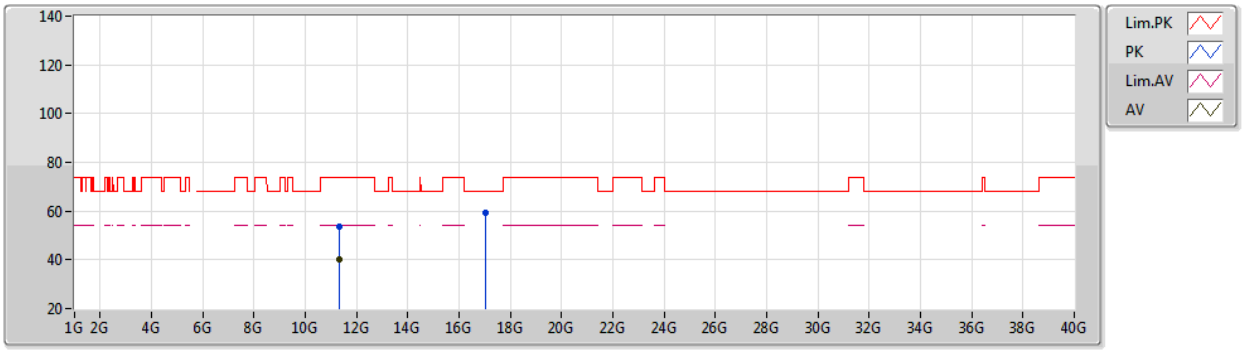
EUT Y_8TX
Setting 19
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.33502G	53.34	74.00	-20.66	40.08	3	Vertical	314	2.79	-	39.23	8.01	33.98
AV	11.34306G	40.26	54.00	-13.74	27.01	3	Vertical	314	2.79	-	39.23	8.01	33.99
PK	17.00996G	60.08	68.20	-8.12	44.14	3	Vertical	173	1.23	-	40.81	9.60	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5670MHz_TX

28/08/2020



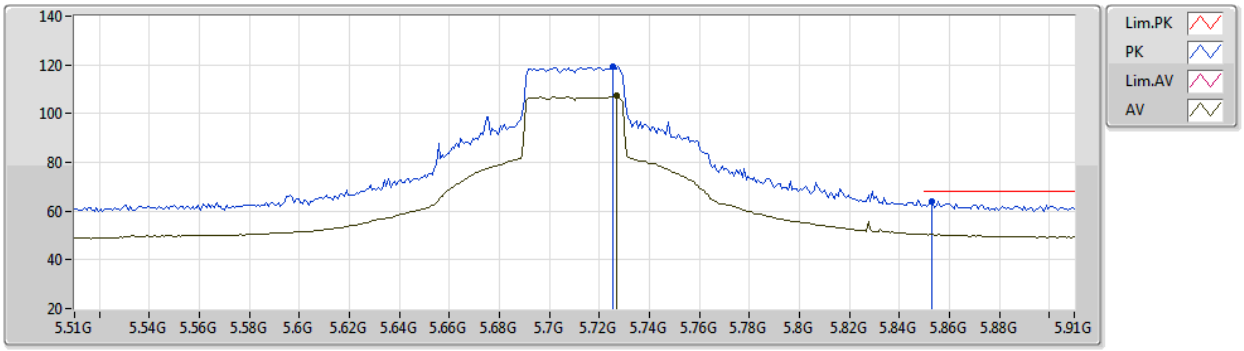
EUT Y_8TX
Setting 19
04-E-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3373G	53.61	74.00	-20.39	40.35	3	Horizontal	111	1.35	-	39.23	8.01	33.98
AV	11.34G	40.40	54.00	-13.60	27.14	3	Horizontal	111	1.35	-	39.23	8.01	33.98
PK	17.01194G	59.14	68.20	-9.06	43.20	3	Horizontal	294	1.11	-	40.81	9.60	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5710MHz Straddle 5.47-5.725GHz_TX

28/08/2020



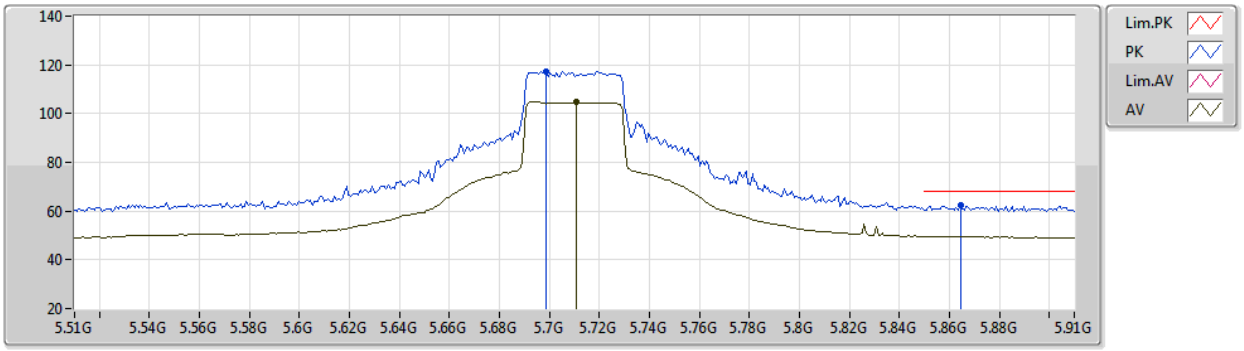
EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7252G	119.26	Inf	-Inf	112.65	3	Vertical	355	2.40	-	34.15	5.21	32.75
AV	5.7268G	107.35	Inf	-Inf	100.74	3	Vertical	355	2.40	-	34.15	5.21	32.75
PK	5.8532G	64.03	68.20	-4.17	56.93	3	Vertical	355	2.40	-	34.62	5.26	32.78

802.11ax HEW40-BF_Nss1,(MCS0)_8TX

5710MHz Straddle 5.47-5.725GHz_TX

28/08/2020



EUT Y_8TX
Setting 24
04-E-G-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6988G	117.34	Inf	-Inf	110.78	3	Horizontal	187	1.80	-	34.10	5.20	32.74
AV	5.7108G	105.03	Inf	-Inf	98.45	3	Horizontal	187	1.80	-	34.12	5.20	32.74
PK	5.8644G	62.26	68.20	-5.94	55.09	3	Horizontal	187	1.80	-	34.69	5.27	32.79