RADIO TEST REPORT

FCC ID	:	G95-CGA4332
Equipment	:	DOCSIS Cable Gateway
Brand Name	:	Technicolor
Marketing Name	:	CBR2-T
Model Name	:	CGA4332COM, CGA4332wxyz (Please refer to section 1.1.5 for detail information)
Applicant	:	Technicolor Connected Home USA LLC 5030 Sugarloaf Parkway, Building 6, Lawrenceville,Georgia, United States
Manufacturer	:	Technicolor Connected Home USA LLC 5030 Sugarloaf Parkway, Building 6, Lawrenceville,Georgia, United States
Standard	:	47 CFR FCC Part 15.407

The product was received on Mar. 29, 2021, and testing was started from Mar. 29, 2021 and completed on May 26, 2021. We, Sporton International Inc. Hsinchu 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR131728-01AB	01	Initial issue of report	Jun. 09, 2021

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: Sandy Chuang

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]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 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
	2.4GHz	5GHz				
1	4	1	Airgain	N03TCACA-PK1-G1X130BUR1	PCB	I-PEX
2	3	2	Airgain	N03TCACB-PK1-B1X85BUR3	PCB	I-PEX
3	2	3	Airgain	N03TCACE-PK1-W1X105BUR3	PCB	I-PEX
4	1	4	Airgain	N03TCACF-PK1-A1X195BU	PCB	I-PEX

Ant.	Port		Uncorrelated Antenna Gain (dBi)		
	2.4GHz	5GHz	2.4GHz	5GHz Band 1	5GHz Band 4
1	4	1	3.60	2.97	4.24
2	3	2			
3	2	3			
4	1	4			

Correlated Antenna Gain (dBi)			
Streams	2.4GHz	5GHz Band 1	5GHz Band 4
4T1S	6.02	5.18	5.58
4T4S	0.85	0.05	0.30

Note: The above information was declared by manufacturer.

<WLAN 2.4GHz>

For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

<WLAN 5GHz>

For IEEE 802.11a/n/ac/ax (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

<Non-beamforming mode> 4T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.947	0.24	2.066m	1k
802.11ax HEW20	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.971	0.13	957.5u	3k
802.11ax HEW80	0.931	0.31	415u	3k

<Non-beamforming mode> 4T4S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW160	0.845	0.73	178.75u	10k
802.11ax HEW20	0.935	0.29	448.75u	3k
802.11ax HEW40	0.9	0.46	271.875u	10k
802.11ax HEW80	0.845	0.73	176.875u	10k

<Beamforming mode> 4T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.977	0.1	2.926m	1k
802.11ax HEW40-BF	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80-BF	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	For internal power or Lithium-Ion Battery			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	accessTool_3.2.1.2			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Marketing Name	Description
CGA4332COM	CBR2-T	CGA4332COM is representative of other models CGA4332wxyz (where w,x,y,z are alphanumeric or blank) representing other equivalent models derived from the same design. CBR2-T is the marketing name designated by an operator. CGA4332COM can be identified in the 'PN' field on the product label.
CGA4332wxyz (where w,x,y,z are alphanumeric or blank, for marketing strategy)		

Note1: From the above models, model: CGA4332COM was selected as representative model for the test and its data was recorded in this report.

Note2: The above information was declared by manufacturer.

1.1.6 Table for EUT Combination Information

EUT	With Battery	Without Battery	Cover of battery	Power Cord
1	V	X	V	V
2	X	V	V	V

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 15.407
- 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 Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Paul Chen	24.4-25.5 / 64-67	Apr. 13, 2021~ May 15, 2021
Radiated <Above 1GHz>	03CH02-CB	RJ Huang	21-22.2 / 55-57	Mar. 29, 2021~ May 26, 2021
Radiated <Co-location>	03CH03-CB	RJ Huang	20.5-21.6 / 55-58	Mar. 29, 2021~ May 26, 2021
Radiated <Below 1GHz>	03CH05-CB	RJ Huang	20.3-21.5 / 56-58	Mar. 29, 2021~ May 26, 2021
AC Conduction	CO01-CB	Peter Wu	23~24 / 60~61	May 19, 2021

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 Condition: Before May 08, 2021

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 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	0.4%	Confidence levels of 95%

Test Condition: After May 07, 2021

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Non-beamforming mode> 4T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	85
5200MHz	94
5240MHz	95
5745MHz	95
5785MHz	95
5825MHz	95
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	82
5200MHz	94
5240MHz	94
5745MHz	94
5785MHz	94
5825MHz	93
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	72
5230MHz	93
5755MHz	95
5795MHz	95
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	73
5775MHz	85
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	82
5200MHz	94
5240MHz	94
5745MHz	94
5785MHz	94
5825MHz	93
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	72
5230MHz	93
5755MHz	95
5795MHz	95
802.11ax HEW80_Nss1,(MCS0)_4TX	-

Mode	Power Setting
5210MHz	73
5775MHz	85

<Non-beamforming mode> 4T4S

Mode	Power Setting
802.11ac VHT20_Nss4,(MCS0)_4TX	-
5180MHz	84
5200MHz	94
5240MHz	93
5745MHz	94
5785MHz	94
5825MHz	94
802.11ac VHT40_Nss4,(MCS0)_4TX	-
5190MHz	75
5230MHz	93
5755MHz	95
5795MHz	95
802.11ac VHT80_Nss4,(MCS0)_4TX	-
5210MHz	75
5775MHz	89
802.11ax HEW20_Nss4,(MCS0)_4TX	-
5180MHz	84
5200MHz	94
5240MHz	93
5745MHz	94
5785MHz	94
5825MHz	94
802.11ax HEW40_Nss4,(MCS0)_4TX	-
5190MHz	75
5230MHz	93
5755MHz	95
5795MHz	95
802.11ax HEW80_Nss4,(MCS0)_4TX	-
5210MHz	75
5775MHz	89

<Beamforming mode> 4T1S

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	85
5200MHz	94
5240MHz	94
5745MHz	94
5785MHz	94
5825MHz	93
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	80
5230MHz	94
5755MHz	95
5795MHz	95
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	72
5775MHz	94
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	85
5200MHz	94
5240MHz	94
5745MHz	94
5785MHz	94
5825MHz	93
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	80
5230MHz	95
5755MHz	95
5795MHz	95
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	72
5775MHz	94

Note:
- Evaluated VHT20/VHT40/VHT80 mode only, due to similar modulation. The power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40.
- The 802.11ac VHT mode evaluates the output power only.

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 Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	WLAN 2.4GHz + EUT 1
2	WLAN 2.4GHz + EUT 2
3	WLAN 5GHz + EUT 1
4	WLAN 5GHz + EUT 2
For operating mode 2 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Unwanted Emissions
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	EUT 1

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	WLAN 2.4GHz + EUT 1
2	WLAN 2.4GHz + EUT 2
3	WLAN 5GHz + EUT 1
4	WLAN 5GHz + EUT 2
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT 1 and EUT 2 were performed testing, After evaluating, EUT 2 has been evaluated to be the worst case, Consequently, measurement will follow this same test mode	
1	EUT 2

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
The EUT 1 and EUT 2 were performed testing, After evaluating, EUT 2 has been evaluated to be the worst case from Unwanted Emissions above 1GHz, Consequently, measurement will follow this same test mode	
1	EUT 2: 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.: FA131728-01 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used in Z-axis position.

2.3 EUT Operation during Test

For CTX Mode:

<Non-beamforming mode>

The EUT was programmed to be in continuously transmitting mode.

<Beamforming mode>

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN XP 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 DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories			
Equipment Name	**Brand**	**Model Name**	**Rating**
Lithium-Ion Battery	Getac	TCH6288759A	7.2V, 13250mAh, 95.4Wh
Other			
Power Cord*1: Non-Shielded, 1.8m			
Cover of battery*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 (below 1GHz):

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

For Radiated (above 1GHz):
<Non-beamforming mode>

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

<Beamforming mode>

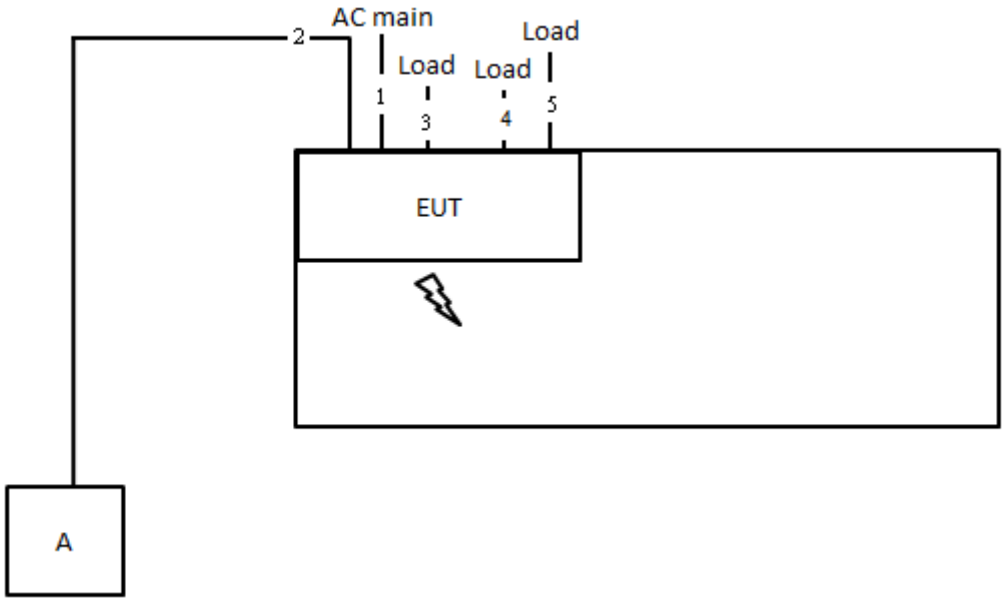
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00

For RF Conducted:

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

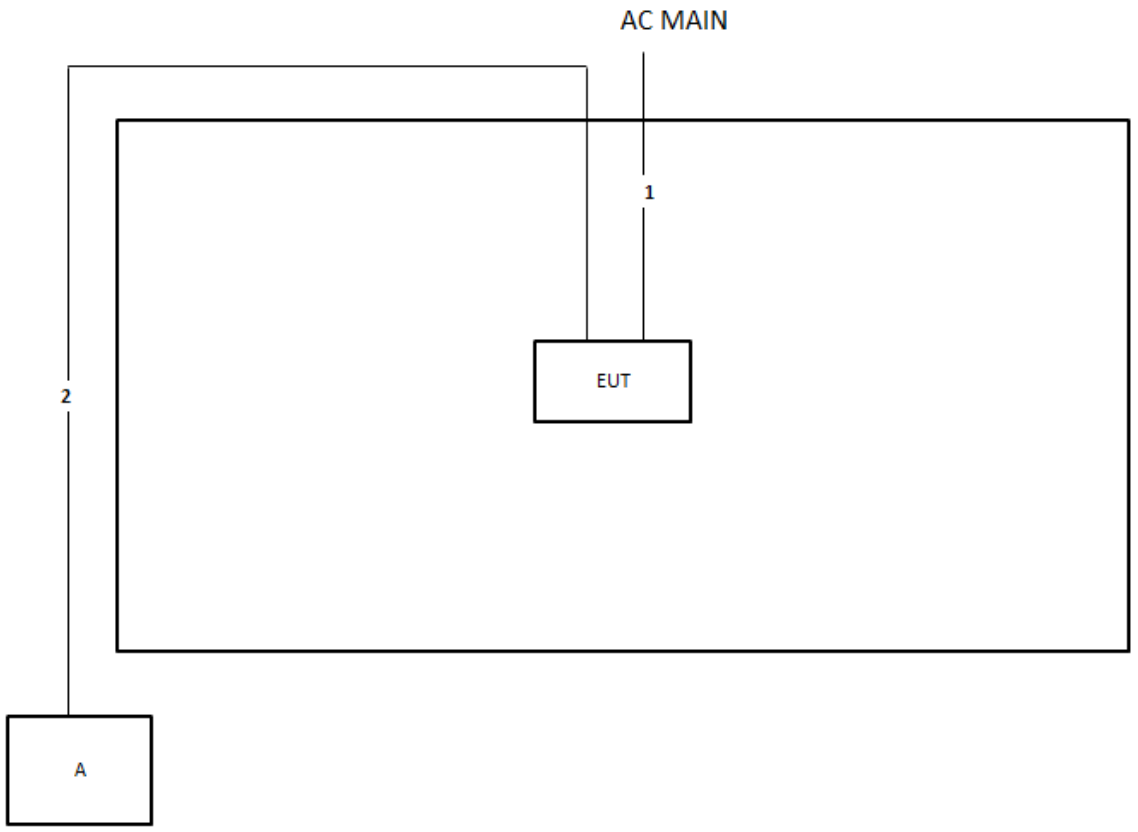
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



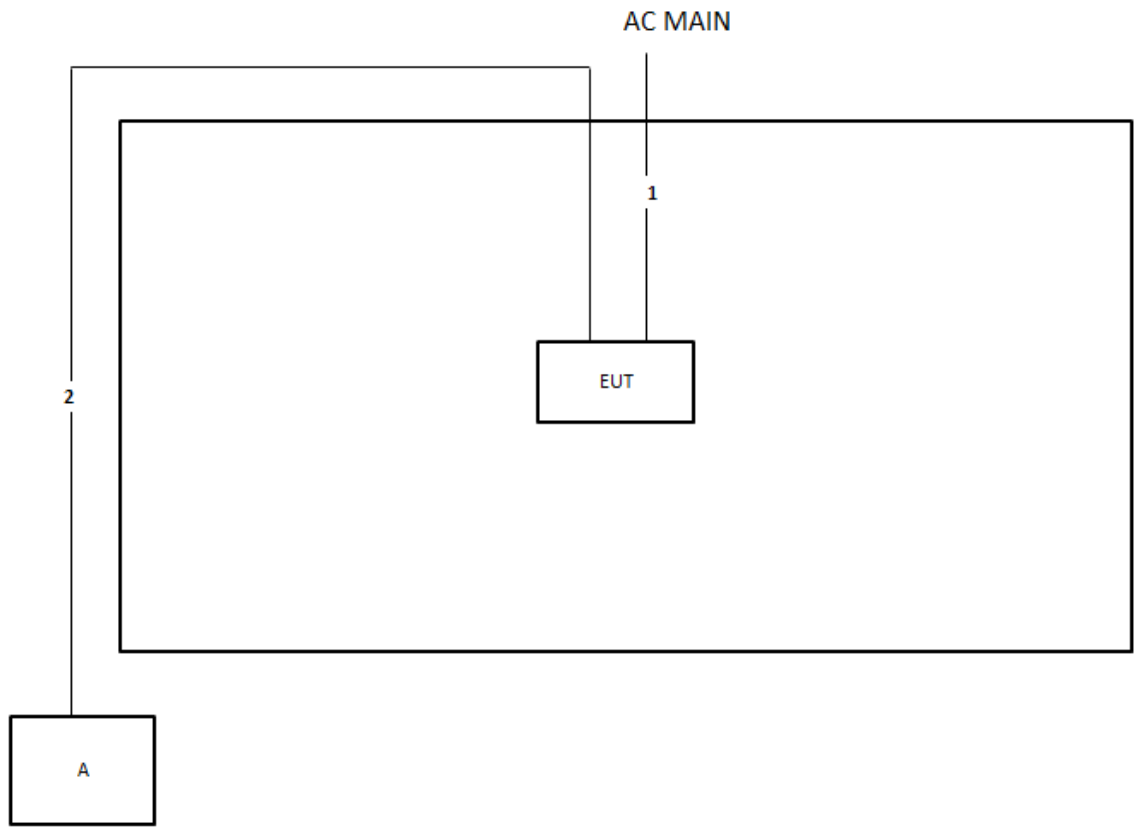
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable*5	No	1.5m
4	RJ-11 cable*8	No	1.5m
5	Coaxial cable	Yes	1.5m

Test Setup Diagram - Radiated Test < 1GHz



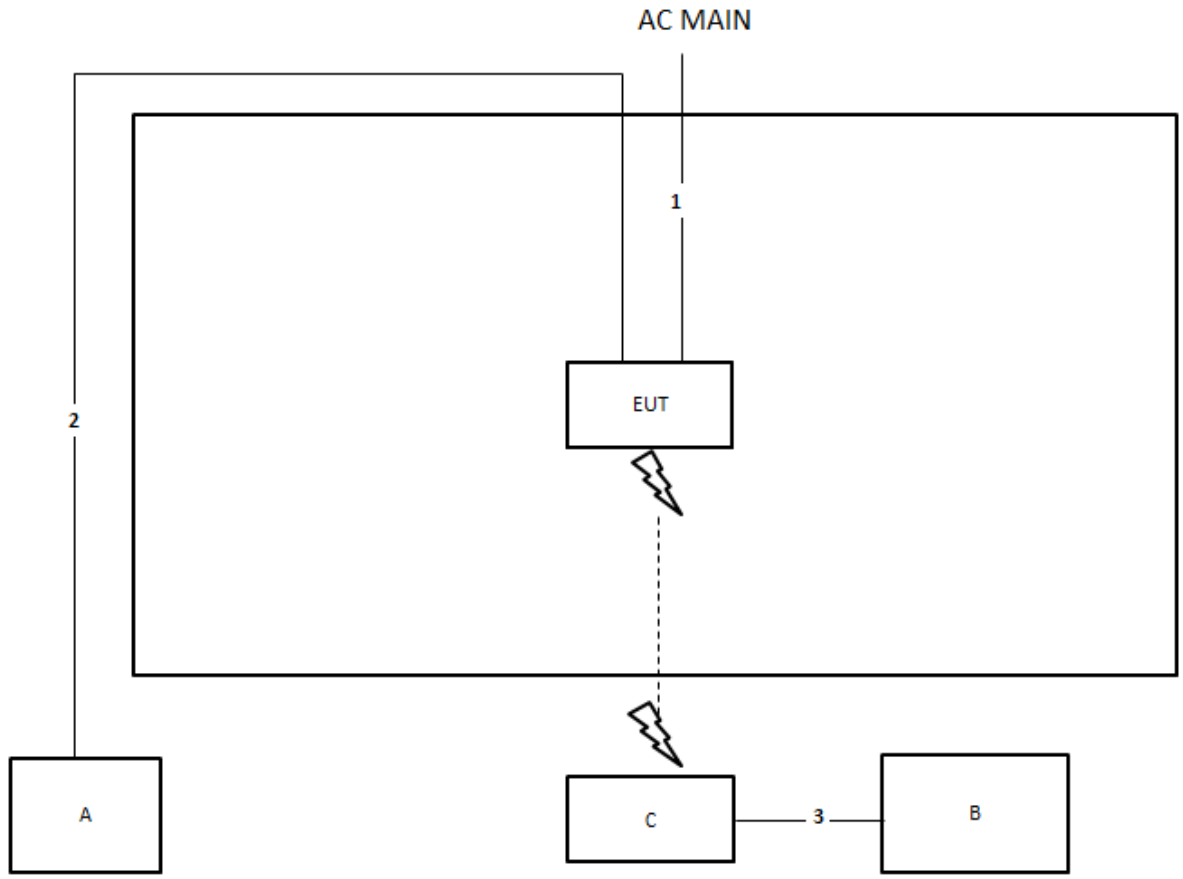
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz
<Non-beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz
<Beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
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

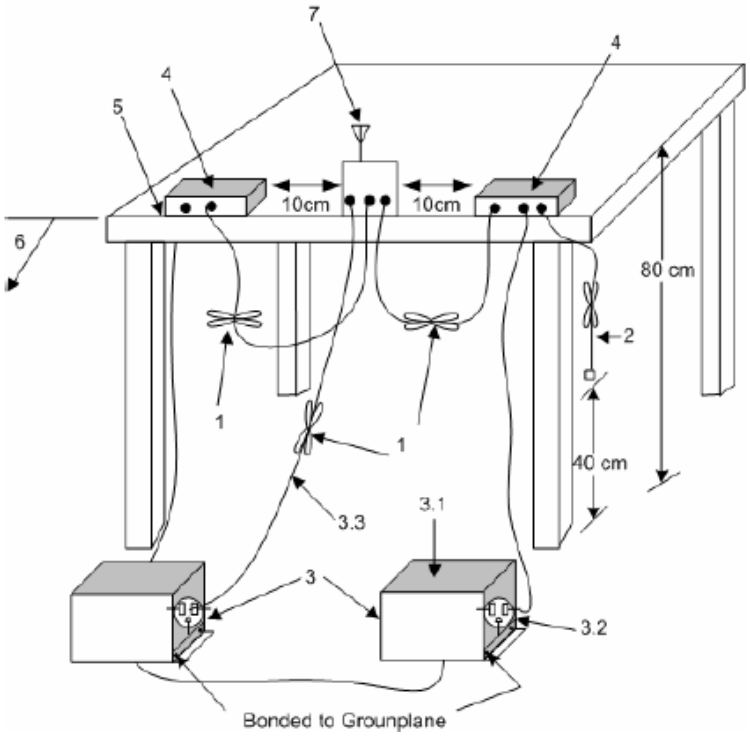
Refer a test equipment and calibration data table in this test report.

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

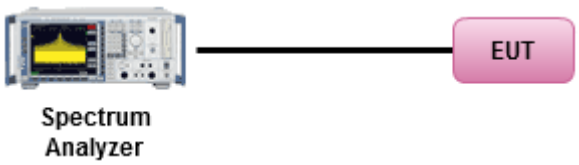
Refer a test equipment and calibration data table in this test report.

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

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.	

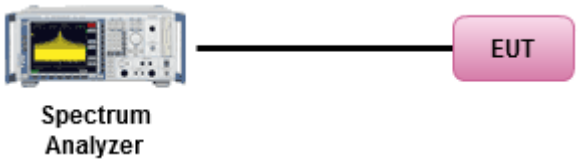
3.4.2 Measuring Instruments

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.

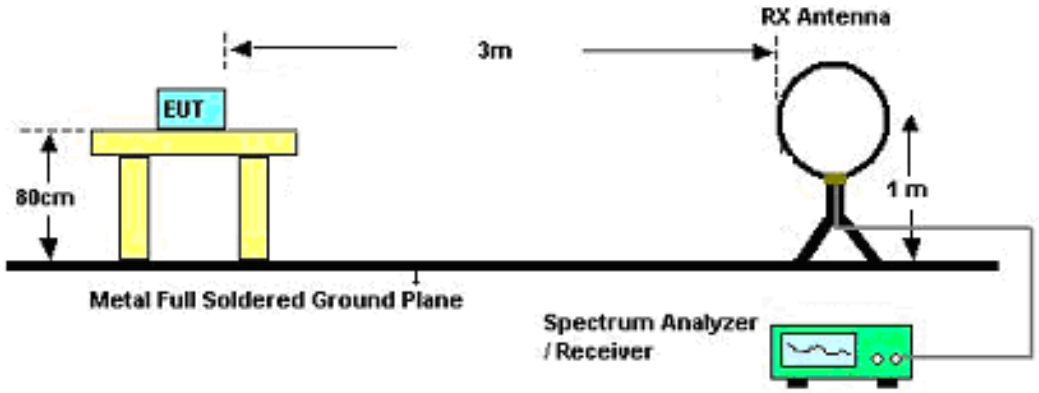
3.5.3 Test Procedures

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.			

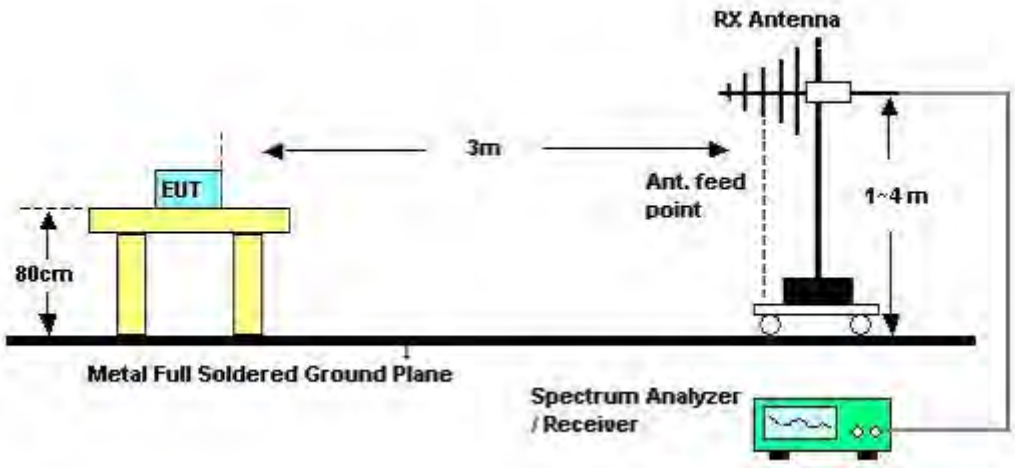
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

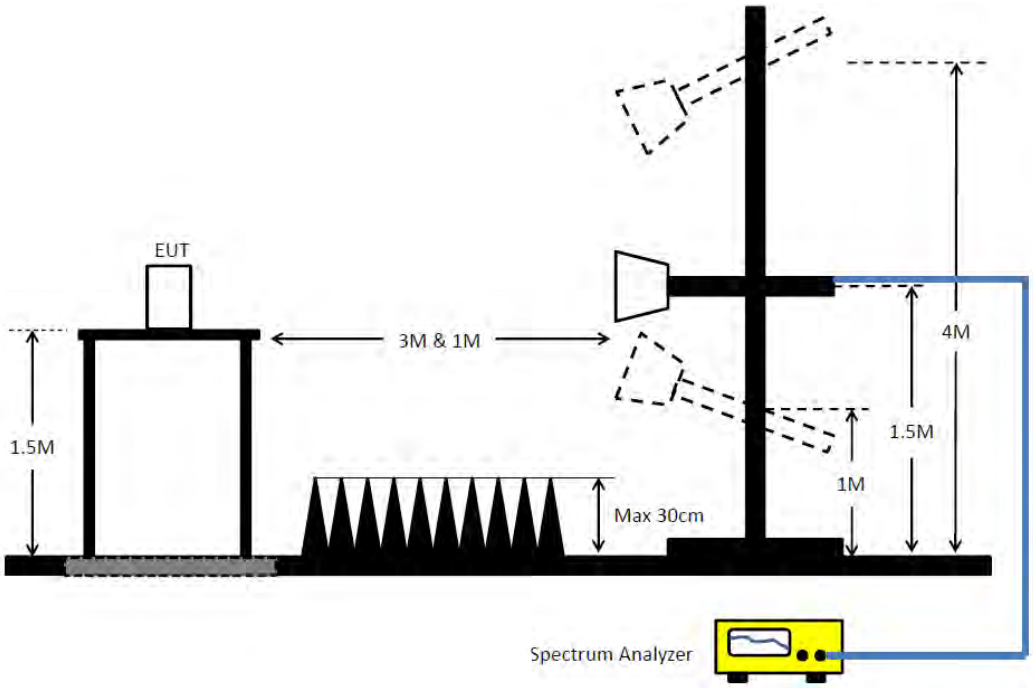
9kHz ~30MHz



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	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 21, 2020	Sep. 20, 2021	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 28, 2020	May 27, 2021	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 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)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 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)
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)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102171	9kHz ~ 26GHz	Jul. 01, 2020	Jun. 30, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 27, 2020	Jul. 26, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

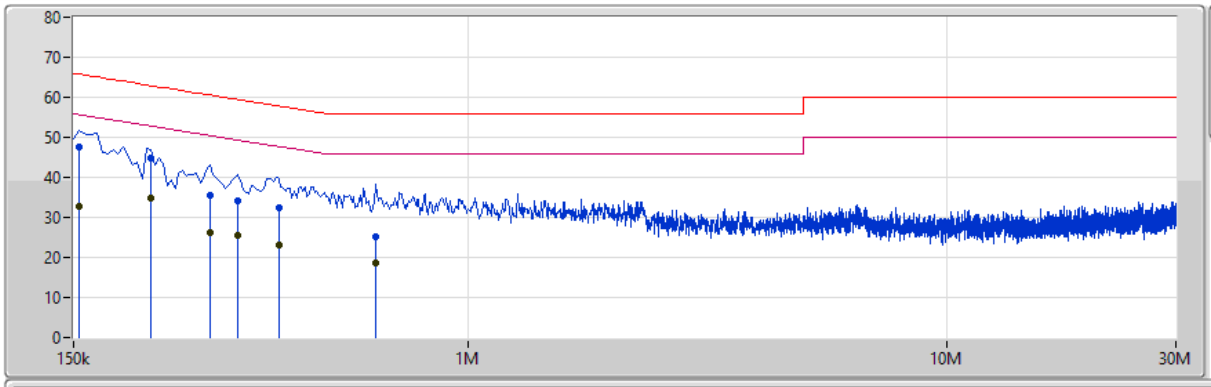
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	150k	48.98	66.00	-17.02	Neutral

Mode 2

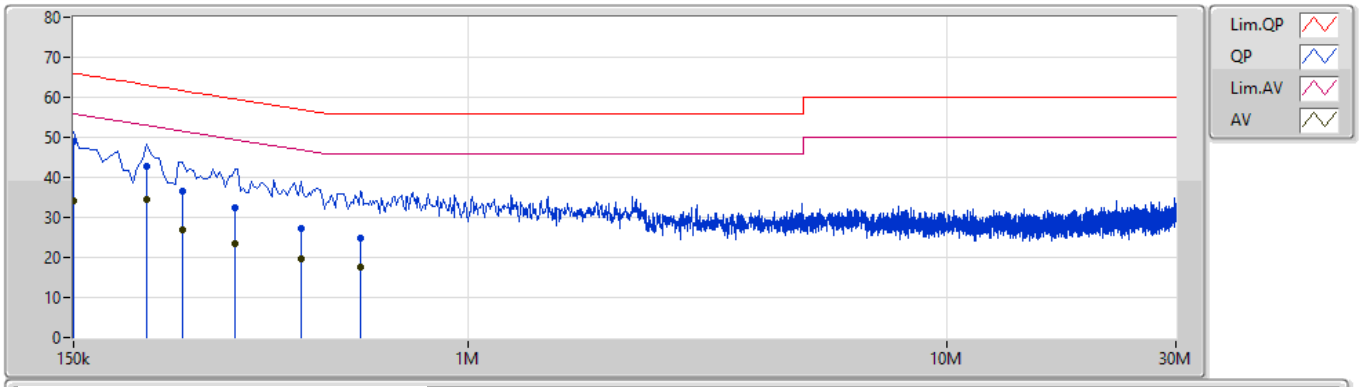
19/05/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	47.71	65.75	-18.04	9.88	Line	-	37.83	0.04	0.03	9.81
AV	154.5k	32.69	55.75	-23.06	9.88	Line	-	22.81	0.04	0.03	9.81
QP	217.5k	44.91	62.92	-18.01	9.88	Line	"Worst"	35.03	0.04	0.03	9.81
AV	217.5k	34.88	52.92	-18.04	9.88	Line	-	25.00	0.04	0.03	9.81
QP	289.5k	35.40	60.53	-25.13	9.89	Line	-	25.51	0.04	0.03	9.82
AV	289.5k	26.32	50.53	-24.21	9.89	Line	-	16.43	0.04	0.03	9.82
QP	330k	34.03	59.44	-25.41	9.89	Line	-	24.14	0.04	0.03	9.82
AV	330k	25.37	49.44	-24.07	9.89	Line	-	15.48	0.04	0.03	9.82
QP	402k	32.57	57.82	-25.25	9.89	Line	-	22.68	0.04	0.03	9.82
AV	402k	23.13	47.82	-24.69	9.89	Line	-	13.24	0.04	0.03	9.82
QP	640.5k	25.30	56.00	-30.70	9.92	Line	-	15.38	0.05	0.04	9.83
AV	640.5k	18.72	46.00	-27.28	9.92	Line	-	8.80	0.05	0.04	9.83

Mode 2

19/05/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	48.98	66.00	-17.02	9.87	Neutral	"Worst"	39.11	0.03	0.03	9.81
AV	150k	34.27	56.00	-21.73	9.87	Neutral	-	24.40	0.03	0.03	9.81
QP	213k	42.86	63.09	-20.23	9.87	Neutral	-	32.99	0.03	0.03	9.81
AV	213k	34.60	53.09	-18.49	9.87	Neutral	-	24.73	0.03	0.03	9.81
QP	253.5k	36.66	61.64	-24.98	9.87	Neutral	-	26.79	0.03	0.03	9.81
AV	253.5k	26.97	51.64	-24.67	9.87	Neutral	-	17.10	0.03	0.03	9.81
QP	325.5k	32.38	59.56	-27.18	9.88	Neutral	-	22.50	0.03	0.03	9.82
AV	325.5k	23.48	49.56	-26.08	9.88	Neutral	-	13.60	0.03	0.03	9.82
QP	447k	27.31	56.94	-29.63	9.88	Neutral	-	17.43	0.03	0.03	9.82
AV	447k	19.49	46.94	-27.45	9.88	Neutral	-	9.61	0.03	0.03	9.82
QP	595.5k	24.90	56.00	-31.10	9.89	Neutral	-	15.01	0.04	0.03	9.82
AV	595.5k	17.75	46.00	-28.25	9.89	Neutral	-	7.86	0.04	0.03	9.82

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)_4TX	37.83M	18.471M	18M5D1D	21.3M	16.762M
802.11ax HEW20_Nss1,(MCS0)_4TX	38.97M	19.52M	19M5D1D	21.96M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	69.3M	37.901M	37M9D1D	39.6M	36.222M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.84M	76.762M	76M8D1D	81.24M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.5M	17.871M	17M9D1D	16.32M	17.211M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.96M	19.37M	19M4D1D	18.63M	19.19M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.68M	38.021M	38M0D1D	36.78M	37.781M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.04M	77.001M	77M0D1D	76.32M	76.882M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

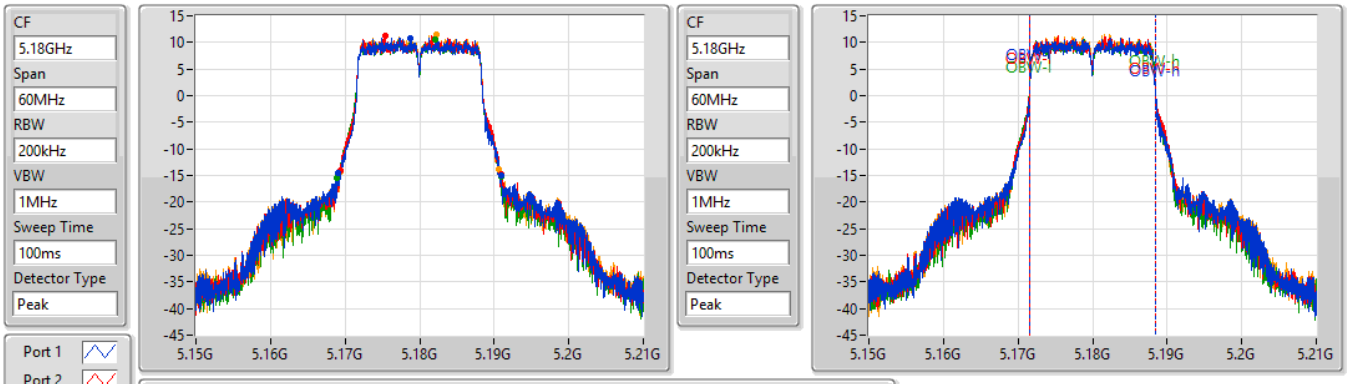
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.81M	16.762M	21.57M	16.882M	21.99M	16.852M	21.3M	16.822M
5200MHz	Pass	Inf	37.74M	17.961M	33.45M	17.421M	36.99M	17.391M	37.35M	17.421M
5240MHz	Pass	Inf	37.8M	18.471M	36.99M	17.631M	37.29M	17.751M	37.83M	18.381M
5745MHz	Pass	500k	16.32M	17.421M	16.32M	17.301M	16.5M	17.481M	16.32M	17.571M
5785MHz	Pass	500k	16.32M	17.451M	16.35M	17.211M	16.32M	17.481M	16.35M	17.601M
5825MHz	Pass	500k	16.35M	17.811M	16.35M	17.391M	16.35M	17.691M	16.35M	17.871M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.86M	19.13M	21.96M	19.1M	22.38M	19.13M	22.98M	19.07M
5200MHz	Pass	Inf	37.65M	19.52M	36.42M	19.34M	36.51M	19.43M	38.97M	19.37M
5240MHz	Pass	Inf	36.66M	19.49M	36.45M	19.28M	36.54M	19.43M	37.59M	19.43M
5745MHz	Pass	500k	18.93M	19.34M	18.93M	19.25M	18.81M	19.34M	18.9M	19.34M
5785MHz	Pass	500k	18.9M	19.34M	18.93M	19.19M	18.63M	19.34M	18.96M	19.28M
5825MHz	Pass	500k	18.9M	19.37M	18.87M	19.19M	18.9M	19.31M	18.75M	19.25M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.78M	36.222M	39.6M	36.342M	39.66M	36.342M	40.32M	36.462M
5230MHz	Pass	Inf	69.3M	37.901M	48.96M	37.721M	67.92M	37.901M	60.6M	37.901M
5755MHz	Pass	500k	37.5M	37.901M	36.78M	37.781M	37.5M	37.841M	37.5M	38.021M
5795MHz	Pass	500k	37.08M	38.021M	37.68M	37.781M	37.5M	37.901M	37.56M	38.021M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	76.762M	81.24M	76.762M	81.48M	76.762M	81.36M	76.762M
5775MHz	Pass	500k	76.56M	76.882M	76.32M	76.882M	77.04M	77.001M	76.56M	76.882M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

14/04/2021

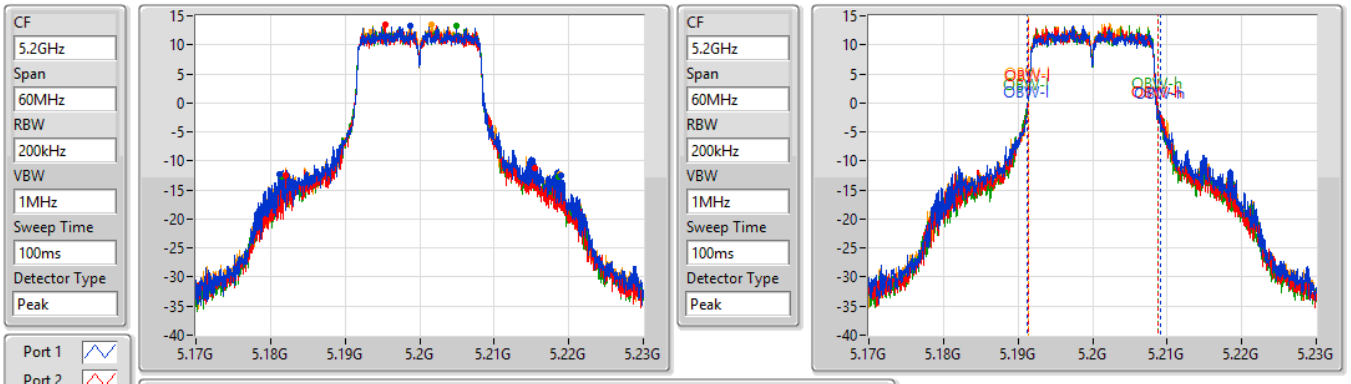


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.16908G	5.19089G	16.762M	5.171634G	5.188396G	Inf	1
21.57M	5.16932G	5.19089G	16.882M	5.171574G	5.188456G	Inf	2
21.99M	5.16896G	5.19095G	16.852M	5.171544G	5.188396G	Inf	3
21.3M	5.16935G	5.19065G	16.822M	5.171604G	5.188426G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

14/04/2021

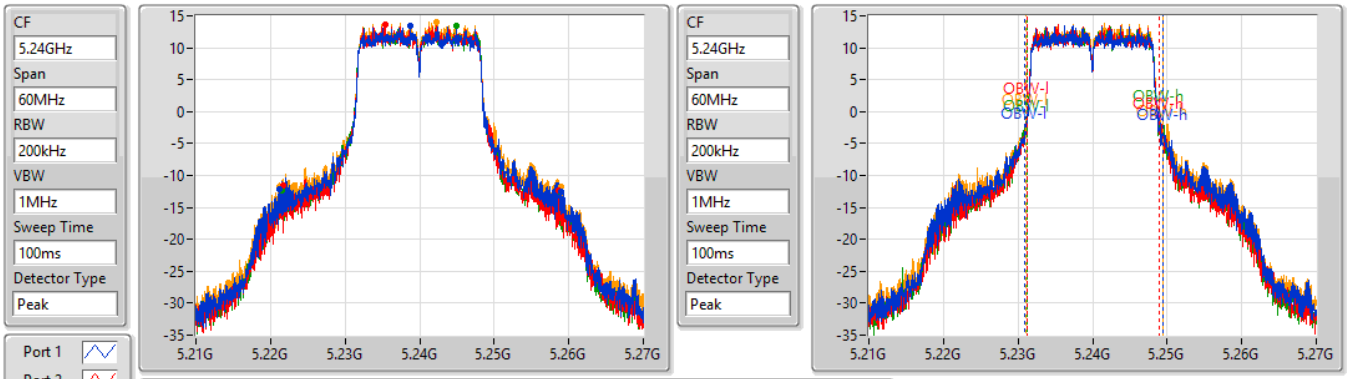


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.18122G	5.21896G	17.961M	5.191154G	5.209115G	Inf	1
33.45M	5.18197G	5.21542G	17.421M	5.191364G	5.208786G	Inf	2
36.99M	5.18158G	5.21857G	17.391M	5.191304G	5.208696G	Inf	3
37.35M	5.18152G	5.21887G	17.421M	5.191424G	5.208846G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

14/04/2021

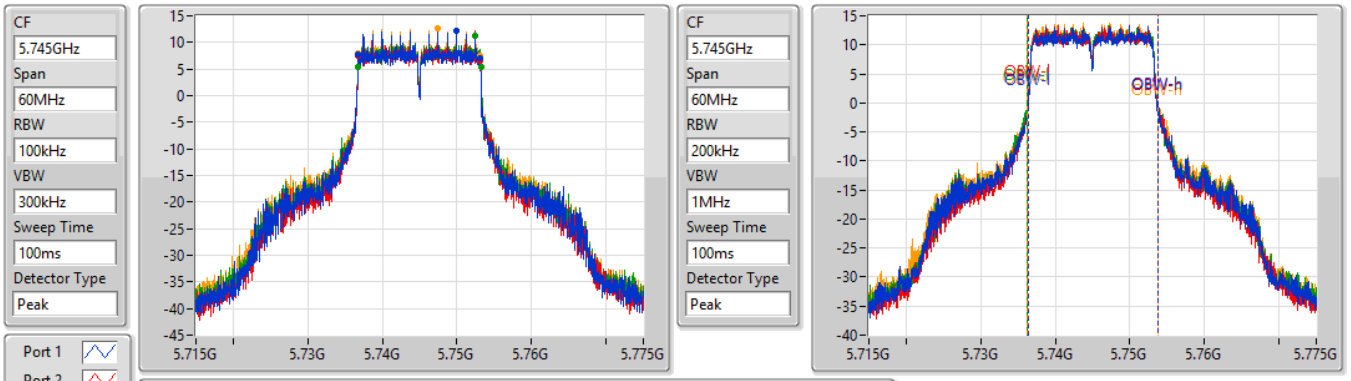


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.22116G	5.25896G	18.471M	5.230945G	5.249415G	Inf	1
36.99M	5.22164G	5.25863G	17.631M	5.231274G	5.248906G	Inf	2
37.29M	5.22155G	5.25884G	17.751M	5.231184G	5.248936G	Inf	3
37.83M	5.22113G	5.25896G	18.381M	5.231004G	5.249385G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

14/04/2021

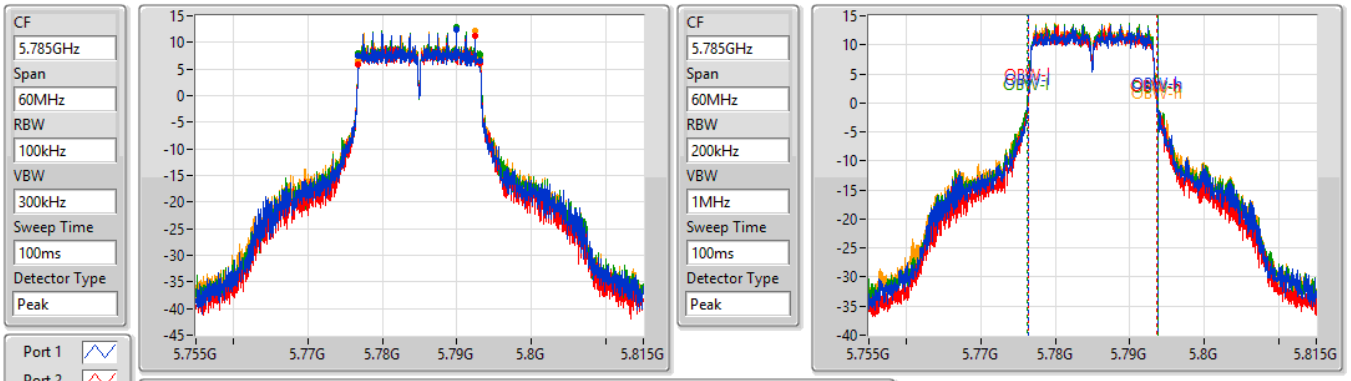


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	17.421M	5.736364G	5.753786G	500k	1
16.32M	5.73681G	5.75313G	17.301M	5.736424G	5.753726G	500k	2
16.5M	5.73672G	5.75322G	17.481M	5.736274G	5.753756G	500k	3
16.32M	5.73681G	5.75313G	17.571M	5.736274G	5.753846G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

14/04/2021

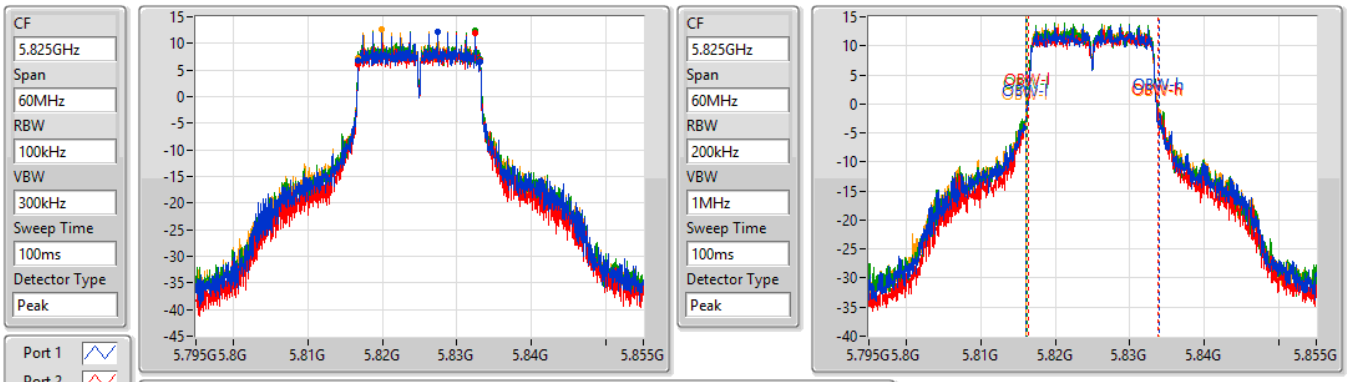


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77681G	5.79313G	17.451M	5.776334G	5.793786G	500k	1
16.35M	5.77678G	5.79313G	17.211M	5.776394G	5.793606G	500k	2
16.32M	5.77681G	5.79313G	17.481M	5.776244G	5.793726G	500k	3
16.35M	5.77678G	5.79313G	17.601M	5.776244G	5.793846G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

14/04/2021

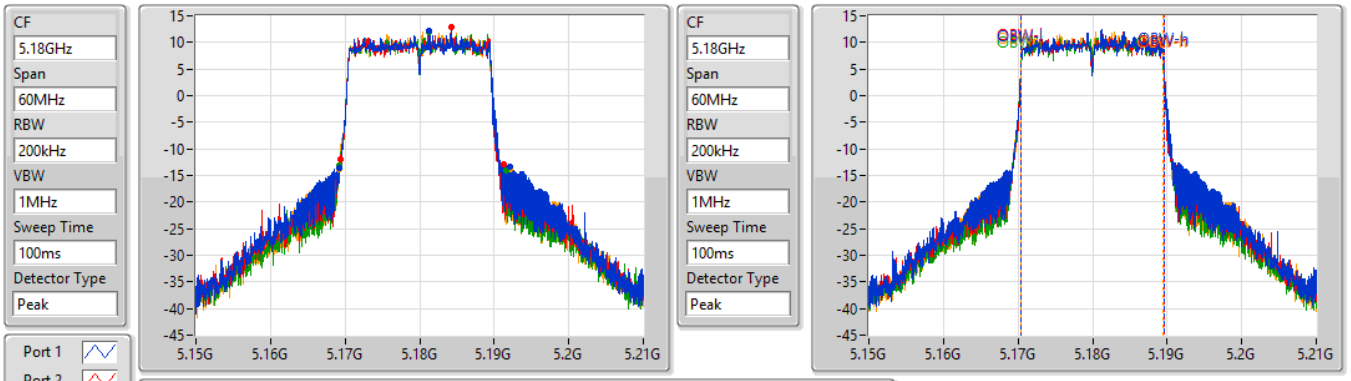


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81678G	5.83313G	17.811M	5.816124G	5.833936G	500k	1
16.35M	5.81678G	5.83313G	17.391M	5.816364G	5.833756G	500k	2
16.35M	5.81678G	5.83313G	17.691M	5.816184G	5.833876G	500k	3
16.35M	5.81678G	5.83313G	17.871M	5.816094G	5.833966G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

14/04/2021

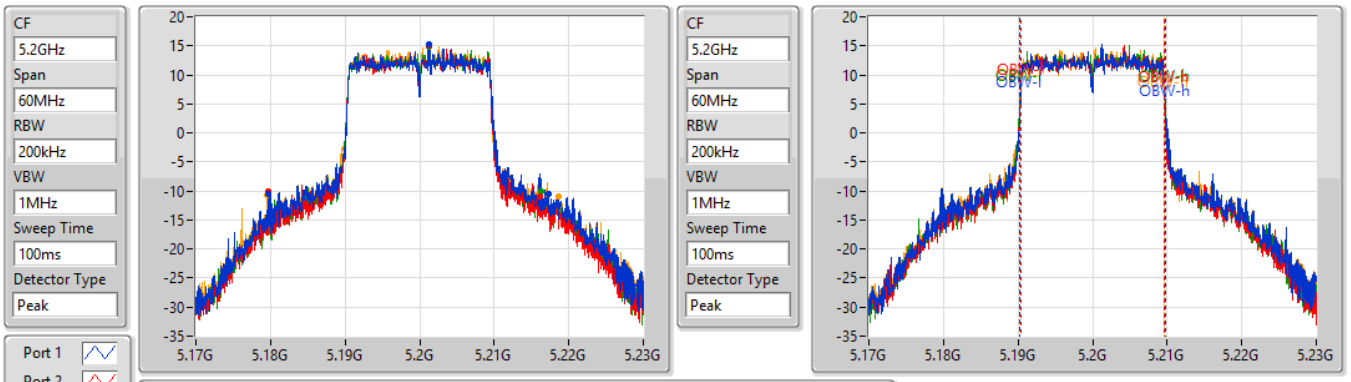


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.86M	5.16926G	5.19212G	19.13M	5.170465G	5.189595G	Inf	1
21.96M	5.16935G	5.19131G	19.1M	5.170465G	5.189565G	Inf	2
22.38M	5.16926G	5.19164G	19.13M	5.170435G	5.189565G	Inf	3
22.98M	5.16917G	5.19215G	19.07M	5.170435G	5.189505G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

14/04/2021

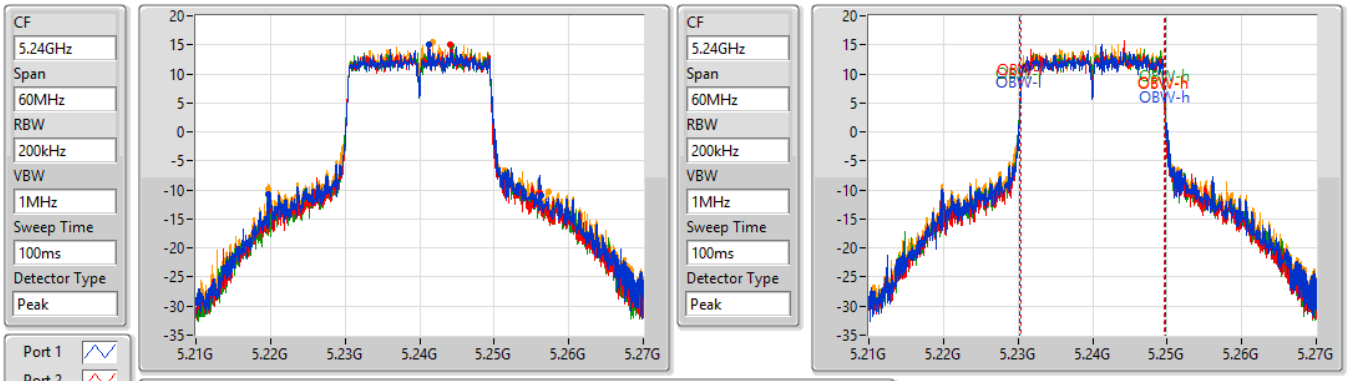


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	5.17963G	5.21728G	19.52M	5.190285G	5.209805G	Inf	1
36.42M	5.17972G	5.21614G	19.34M	5.190315G	5.209655G	Inf	2
36.51M	5.17972G	5.21623G	19.43M	5.190285G	5.209715G	Inf	3
38.97M	5.1796G	5.21857G	19.37M	5.190285G	5.209655G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

14/04/2021

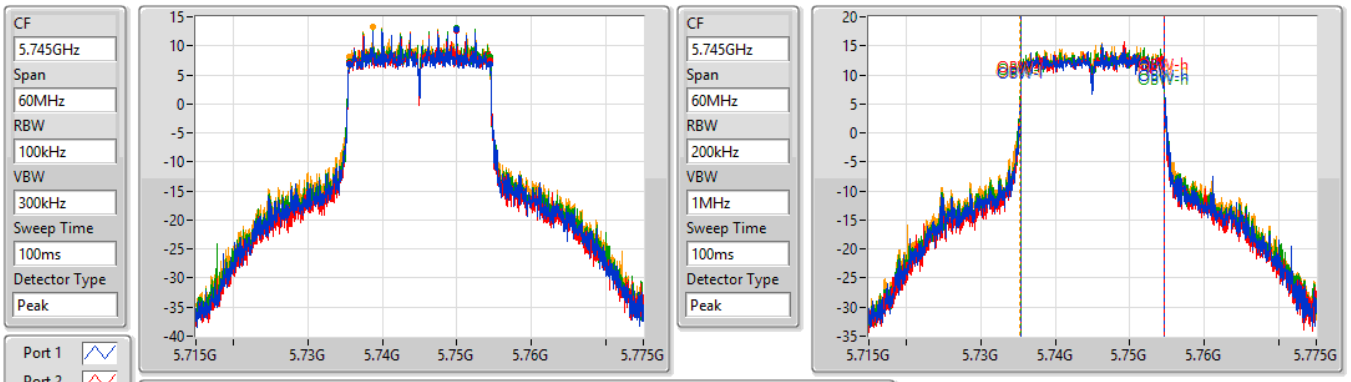


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.66M	5.21966G	5.25632G	19.49M	5.230285G	5.249775G	Inf	1
36.45M	5.21969G	5.25614G	19.28M	5.230345G	5.249625G	Inf	2
36.54M	5.21966G	5.2562G	19.43M	5.230285G	5.249715G	Inf	3
37.59M	5.21966G	5.25725G	19.43M	5.230255G	5.249685G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

14/04/2021

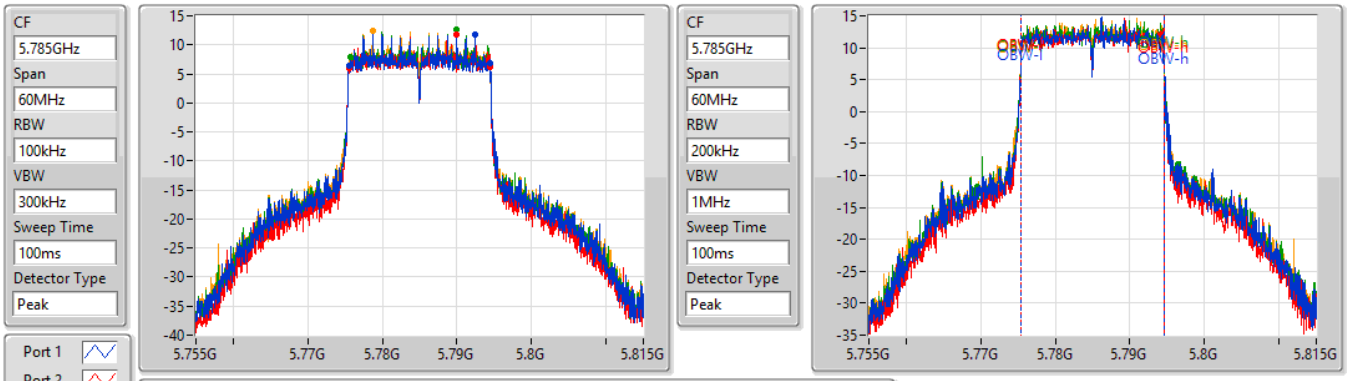


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.73552G	5.75445G	19.34M	5.7353345G	5.754685G	500k	1
18.93M	5.73552G	5.75445G	19.25M	5.7353375G	5.754625G	500k	2
18.81M	5.73558G	5.75439G	19.34M	5.7353315G	5.754655G	500k	3
18.9M	5.73555G	5.75445G	19.34M	5.7352985G	5.754625G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

14/04/2021

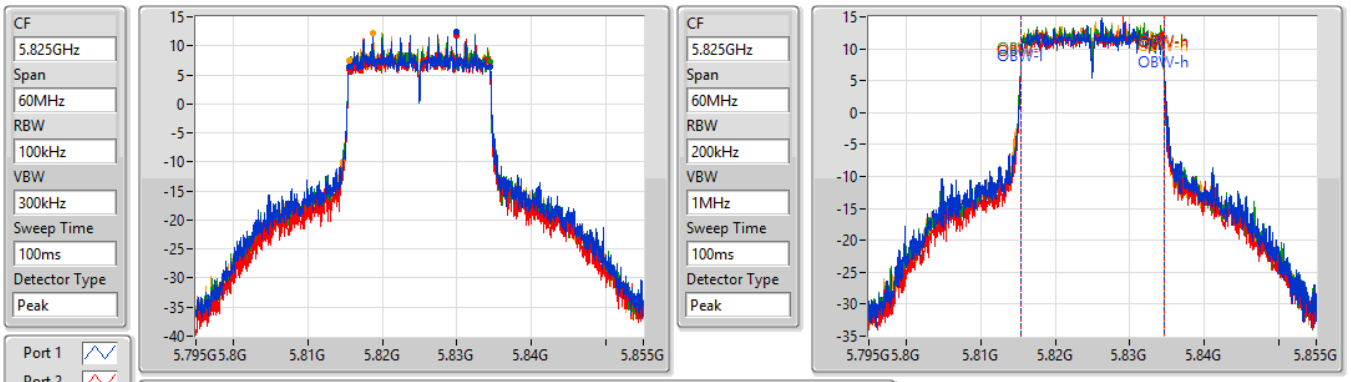


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.77552G	5.79442G	19.34M	5.775315G	5.794655G	500k	1
18.93M	5.77555G	5.79448G	19.19M	5.775375G	5.794565G	500k	2
18.63M	5.77579G	5.79442G	19.34M	5.775315G	5.794655G	500k	3
18.96M	5.77549G	5.79445G	19.28M	5.775315G	5.794595G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

14/04/2021

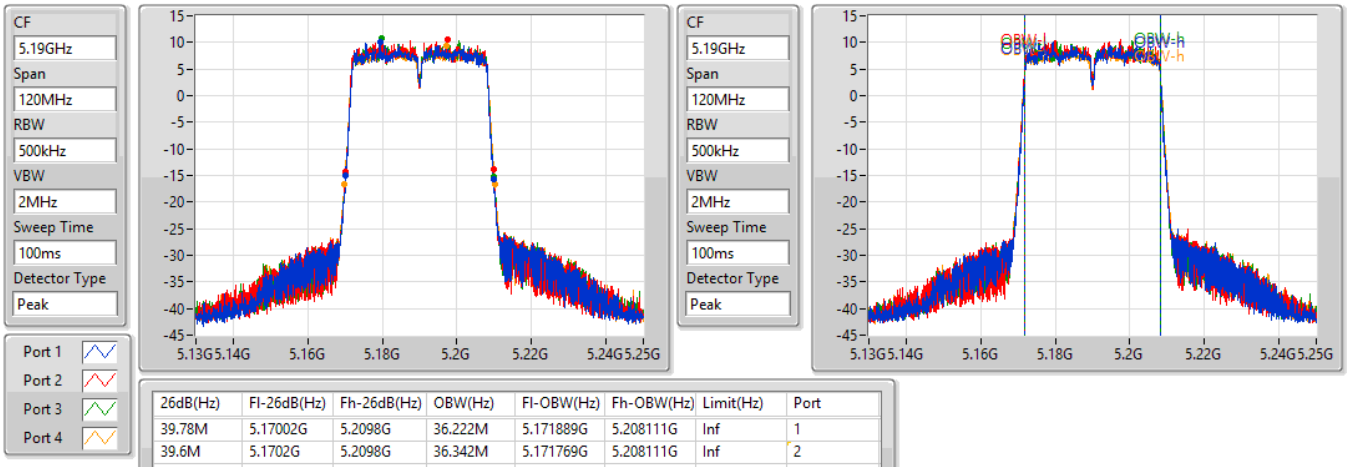


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.81555G	5.83445G	19.37M	5.815315G	5.834685G	500k	1
18.87M	5.81558G	5.83445G	19.19M	5.815375G	5.834565G	500k	2
18.9M	5.81552G	5.83442G	19.31M	5.815315G	5.834625G	500k	3
18.75M	5.81564G	5.83439G	19.25M	5.815315G	5.834565G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

14/04/2021

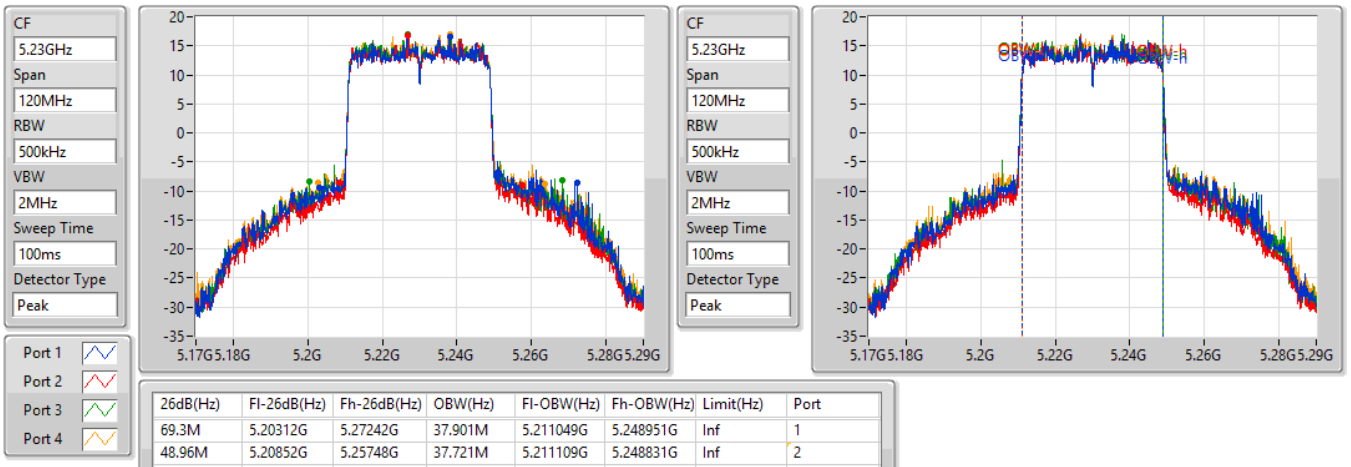


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.17002G	5.2098G	36.222M	5.171889G	5.208111G	Inf	1
39.6M	5.1702G	5.2098G	36.342M	5.171769G	5.208111G	Inf	2
39.66M	5.17014G	5.2098G	36.342M	5.171829G	5.208171G	Inf	3
40.32M	5.16984G	5.21016G	36.462M	5.171769G	5.208231G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

14/04/2021

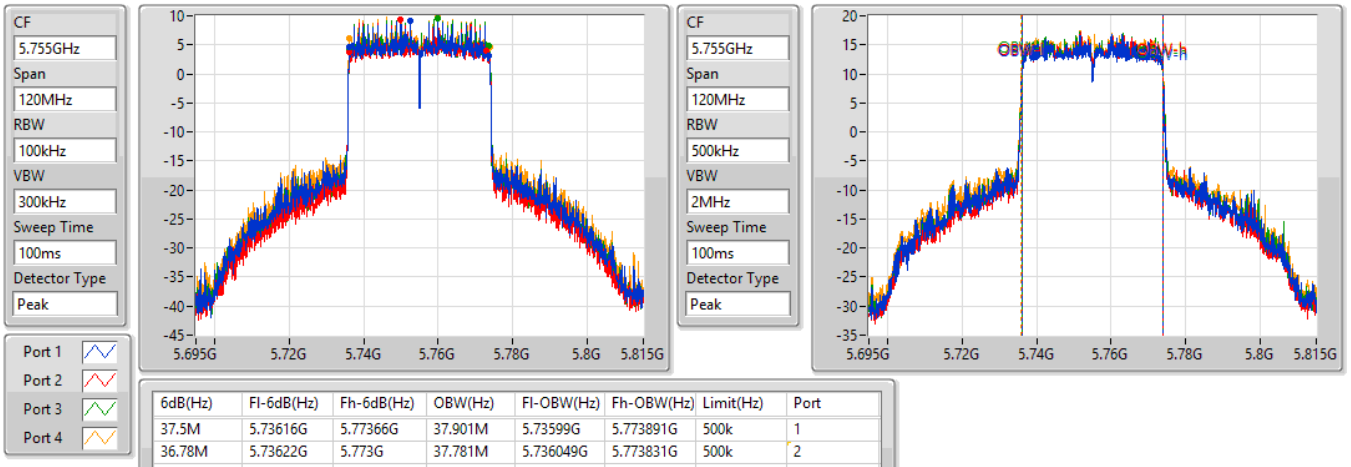


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
69.3M	5.20312G	5.27242G	37.901M	5.211049G	5.248951G	Inf	1
48.96M	5.20852G	5.25748G	37.721M	5.211109G	5.248831G	Inf	2
67.92M	5.20036G	5.26828G	37.901M	5.211049G	5.248951G	Inf	3
60.6M	5.20288G	5.26348G	37.901M	5.211049G	5.248951G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

14/04/2021

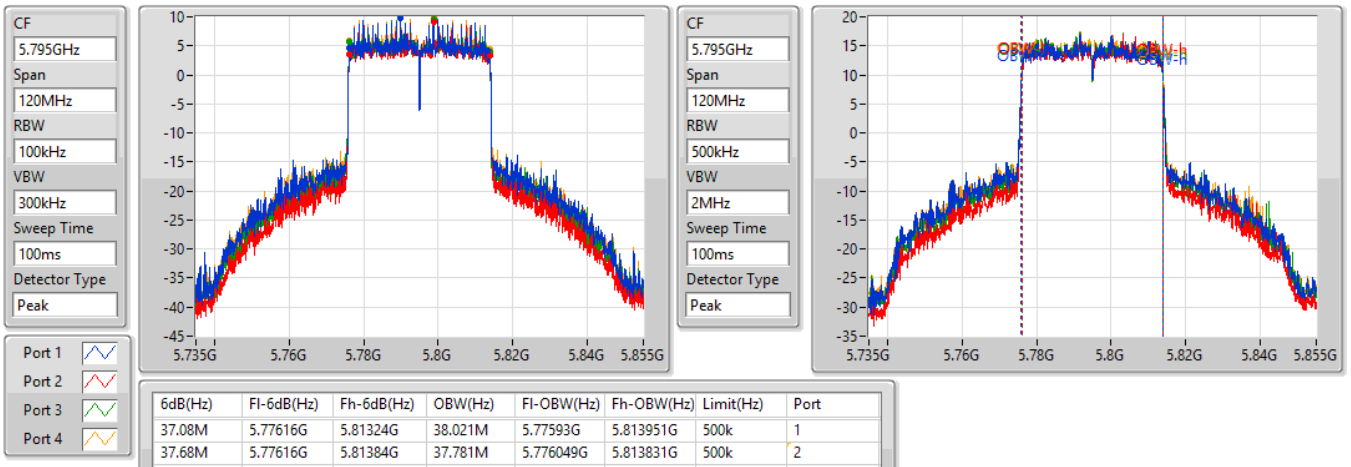


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.73616G	5.77366G	37.901M	5.73599G	5.773891G	500k	1
36.78M	5.73622G	5.773G	37.781M	5.736049G	5.773831G	500k	2
37.5M	5.73616G	5.77366G	37.841M	5.736049G	5.773891G	500k	3
37.5M	5.73622G	5.77372G	38.021M	5.73593G	5.773951G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

14/04/2021

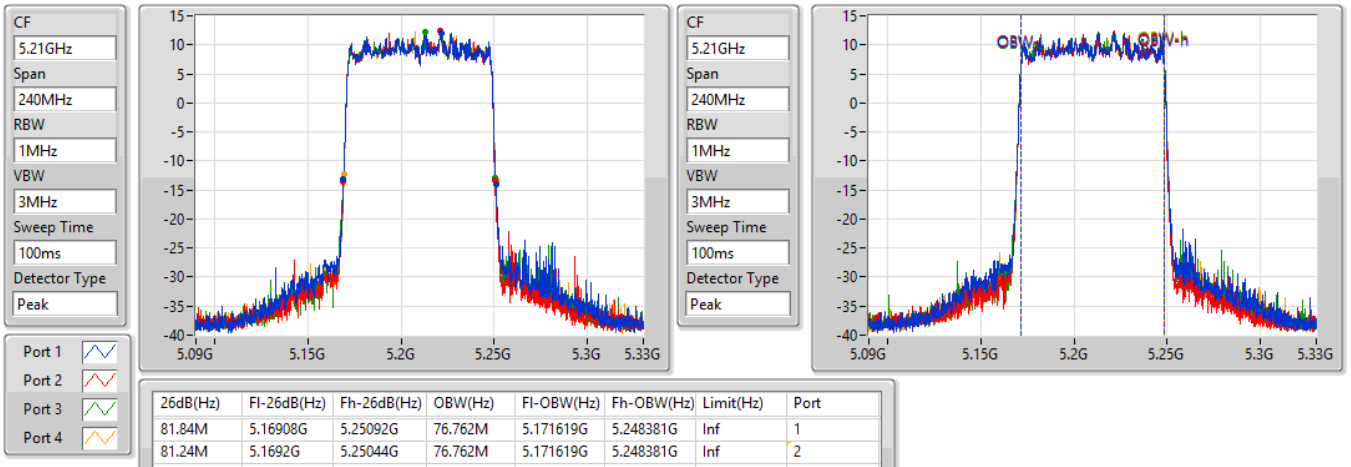


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.08M	5.77616G	5.81324G	38.021M	5.77593G	5.813951G	500k	1
37.68M	5.77616G	5.81384G	37.781M	5.776049G	5.813831G	500k	2
37.5M	5.77622G	5.81372G	37.901M	5.77599G	5.813891G	500k	3
37.56M	5.77616G	5.81372G	38.021M	5.77593G	5.813951G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

14/04/2021

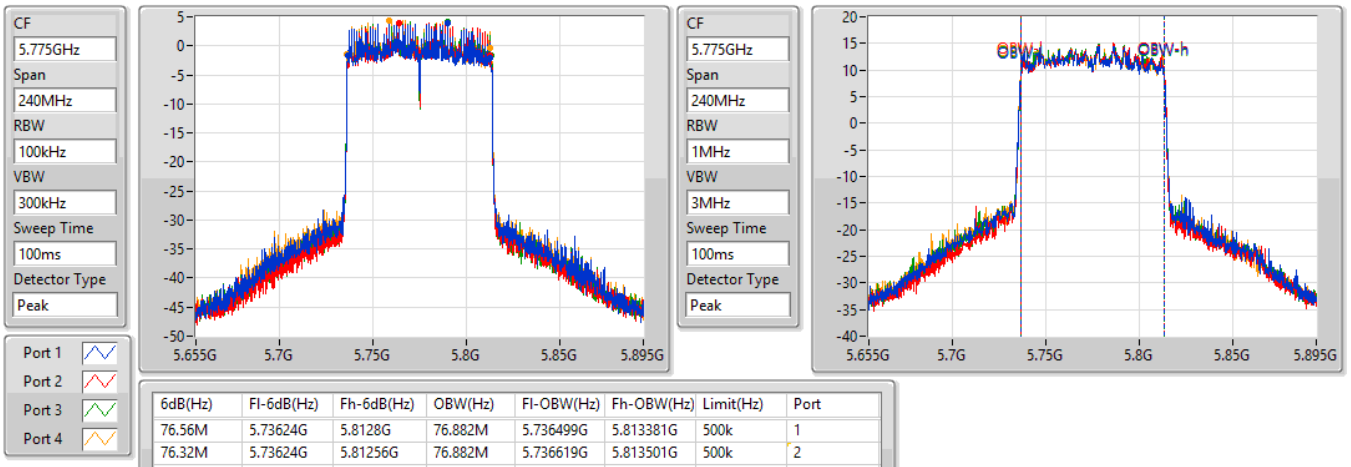


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.16908G	5.25092G	76.762M	5.171619G	5.248381G	Inf	1
81.24M	5.1692G	5.25044G	76.762M	5.171619G	5.248381G	Inf	2
81.48M	5.16908G	5.25056G	76.762M	5.171619G	5.248381G	Inf	3
81.36M	5.16944G	5.2508G	76.762M	5.171619G	5.248381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

14/04/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.56M	5.73624G	5.8128G	76.882M	5.736499G	5.813381G	500k	1
76.32M	5.73624G	5.81256G	76.882M	5.736619G	5.813501G	500k	2
77.04M	5.73672G	5.81376G	77.001M	5.736499G	5.813501G	500k	3
76.56M	5.73612G	5.81268G	76.882M	5.736499G	5.813381G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	40.5M	20.24M	20M2D1D	21.21M	19.01M
802.11ax HEW40_Nss4,(MCS0)_4TX	63M	37.961M	38M0D1D	39.72M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.72M	77.241M	77M2D1D	81.12M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	18.96M	19.43M	19M4D1D	18.45M	19.07M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.62M	37.961M	38M0D1D	36.9M	37.661M
802.11ax HEW80_Nss4,(MCS0)_4TX	76.56M	77.481M	77M5D1D	75.48M	77.121M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

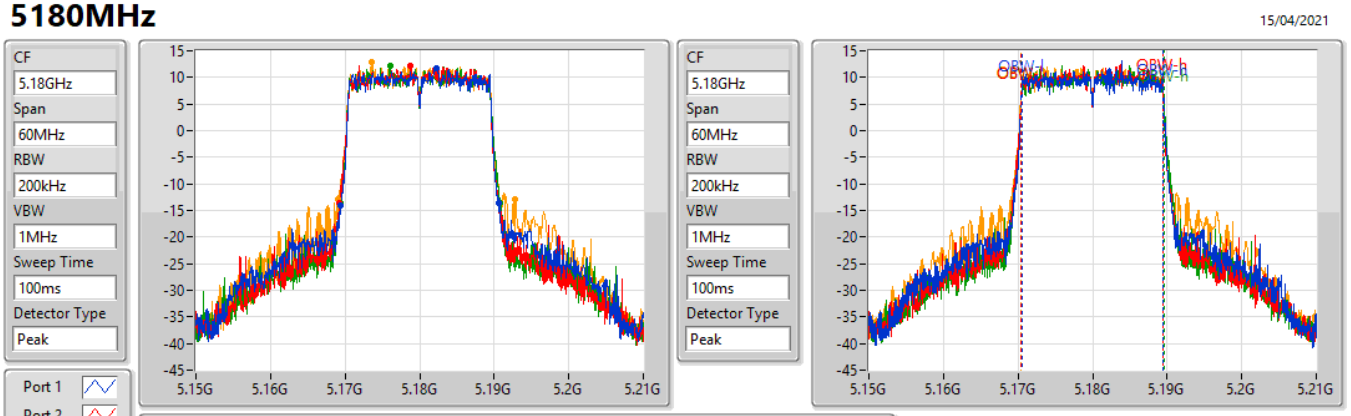
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.21M	19.01M	21.3M	19.01M	21.45M	19.1M	23.76M	19.13M
5200MHz	Pass	Inf	36.99M	19.4M	35.19M	19.25M	34.59M	19.28M	40.5M	20.24M
5240MHz	Pass	Inf	35.1M	19.19M	33.78M	19.16M	33.54M	19.25M	39.48M	19.55M
5745MHz	Pass	500k	18.87M	19.1M	18.75M	19.07M	18.6M	19.22M	18.96M	19.28M
5785MHz	Pass	500k	18.84M	19.16M	18.75M	19.1M	18.6M	19.22M	18.96M	19.31M
5825MHz	Pass	500k	18.93M	19.22M	18.72M	19.1M	18.45M	19.28M	18.96M	19.43M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	37.541M	40.14M	37.781M	39.72M	37.481M	40.26M	37.601M
5230MHz	Pass	Inf	63M	37.841M	54.24M	37.961M	53.34M	37.781M	60.36M	37.901M
5755MHz	Pass	500k	36.9M	37.781M	37.5M	37.961M	37.56M	37.661M	37.62M	37.901M
5795MHz	Pass	500k	36.96M	37.841M	37.44M	37.961M	37.56M	37.721M	37.56M	37.961M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.72M	77.001M	81.12M	77.001M	81.6M	77.241M	81.24M	77.001M
5775MHz	Pass	500k	76.56M	77.121M	76.32M	77.241M	75.48M	77.481M	75.72M	77.241M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5180MHz

15/04/2021

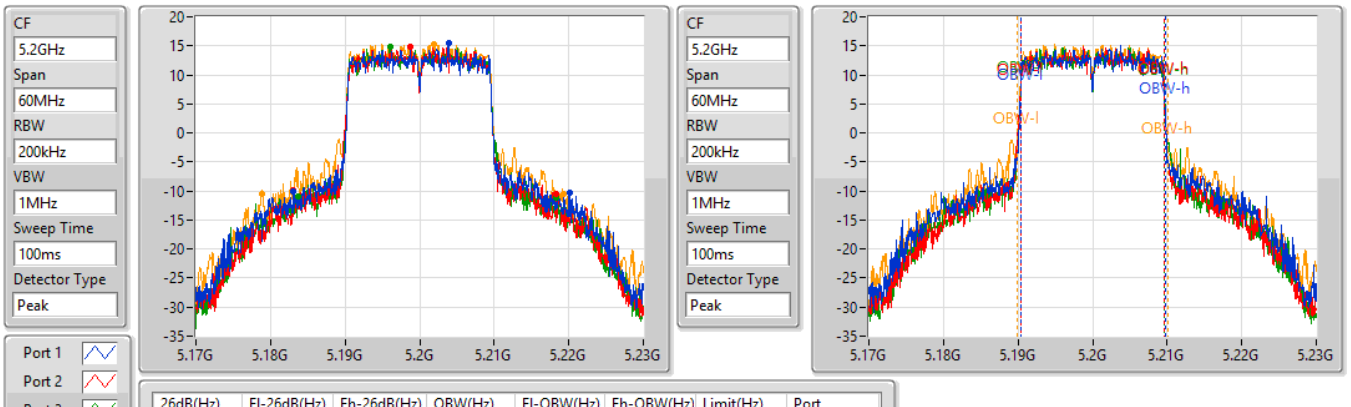


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.16941G	5.19062G	19.01M	5.170495G	5.189505G	Inf	1
21.3M	5.16926G	5.19056G	19.01M	5.170465G	5.189475G	Inf	2
21.45M	5.16941G	5.19086G	19.1M	5.170465G	5.189565G	Inf	3
23.76M	5.16902G	5.19278G	19.13M	5.170375G	5.189505G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5200MHz

15/04/2021

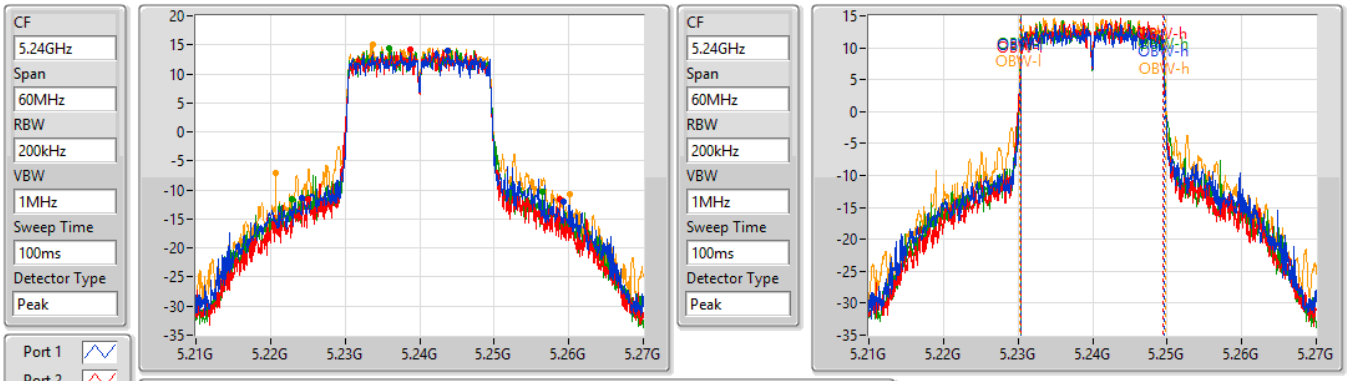


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.99M	5.18311G	5.2201G	19.4M	5.190315G	5.209715G	Inf	1
35.19M	5.18311G	5.2183G	19.25M	5.190315G	5.209565G	Inf	2
34.59M	5.18371G	5.2183G	19.28M	5.190345G	5.209625G	Inf	3
40.5M	5.17882G	5.21932G	20.24M	5.189895G	5.210135G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5240MHz

15/04/2021

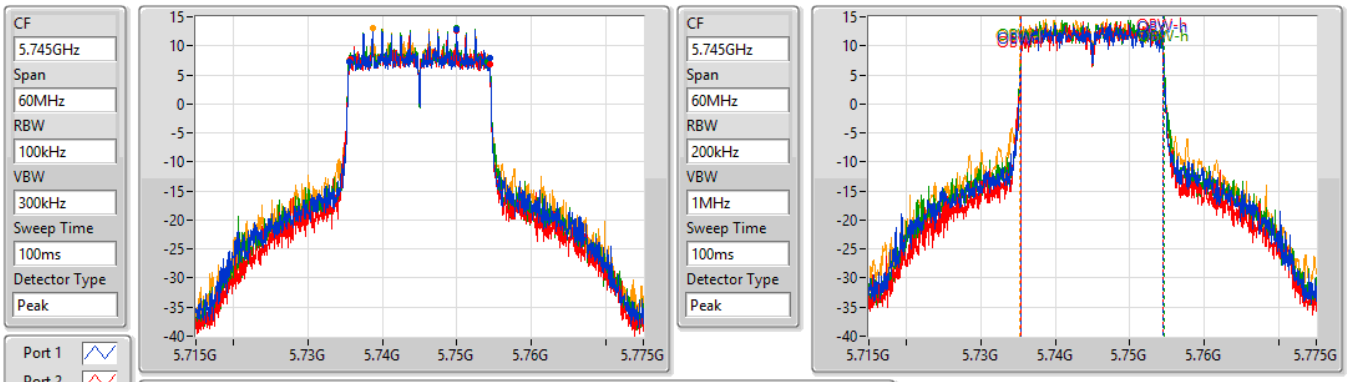


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.22422G	5.25932G	19.19M	5.230405G	5.249595G	Inf	1
33.78M	5.22506G	5.25884G	19.16M	5.230345G	5.249505G	Inf	2
33.54M	5.2229G	5.25644G	19.25M	5.230345G	5.249595G	Inf	3
39.48M	5.22071G	5.26019G	19.55M	5.230195G	5.249745G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5745MHz

15/04/2021

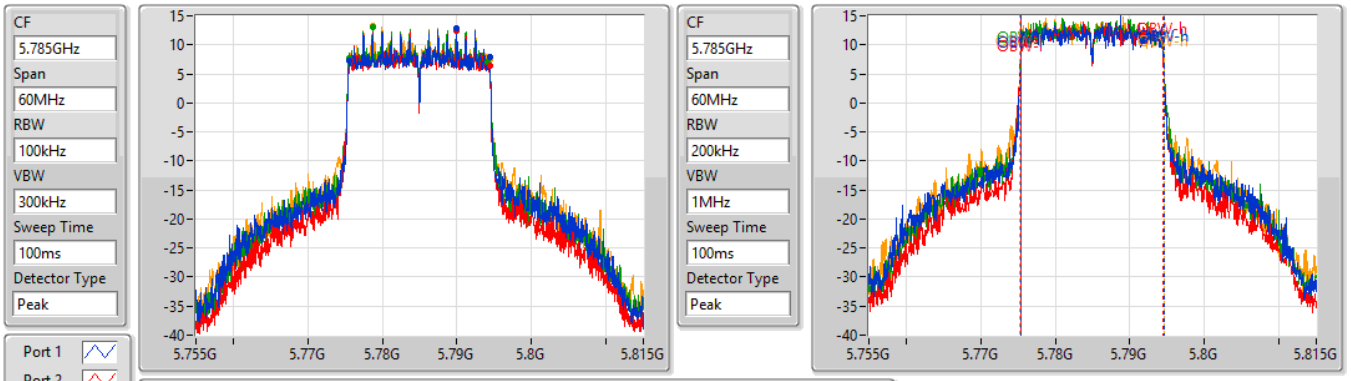


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.73552G	5.75439G	19.1M	5.735405G	5.754505G	500k	1
18.75M	5.73567G	5.75442G	19.07M	5.735405G	5.754475G	500k	2
18.6M	5.73549G	5.75409G	19.22M	5.735345G	5.754565G	500k	3
18.96M	5.73549G	5.75445G	19.28M	5.735285G	5.754565G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5785MHz

15/04/2021

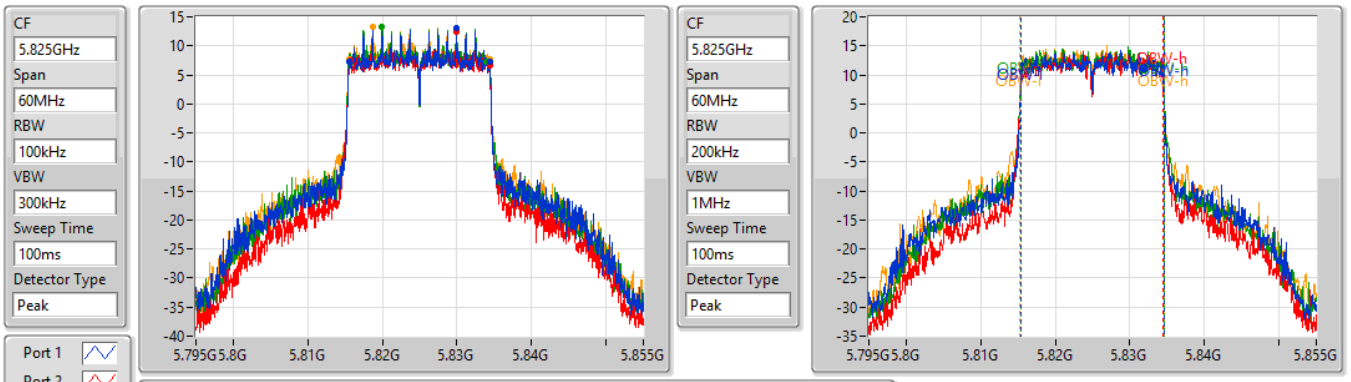


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.77555G	5.79439G	19.16M	5.775375G	5.794535G	500k	1
18.75M	5.77567G	5.79442G	19.1M	5.775375G	5.794475G	500k	2
18.6M	5.775549G	5.79409G	19.22M	5.7753345G	5.794565G	500k	3
18.96M	5.77549G	5.79445G	19.31M	5.775255G	5.794565G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5825MHz

15/04/2021

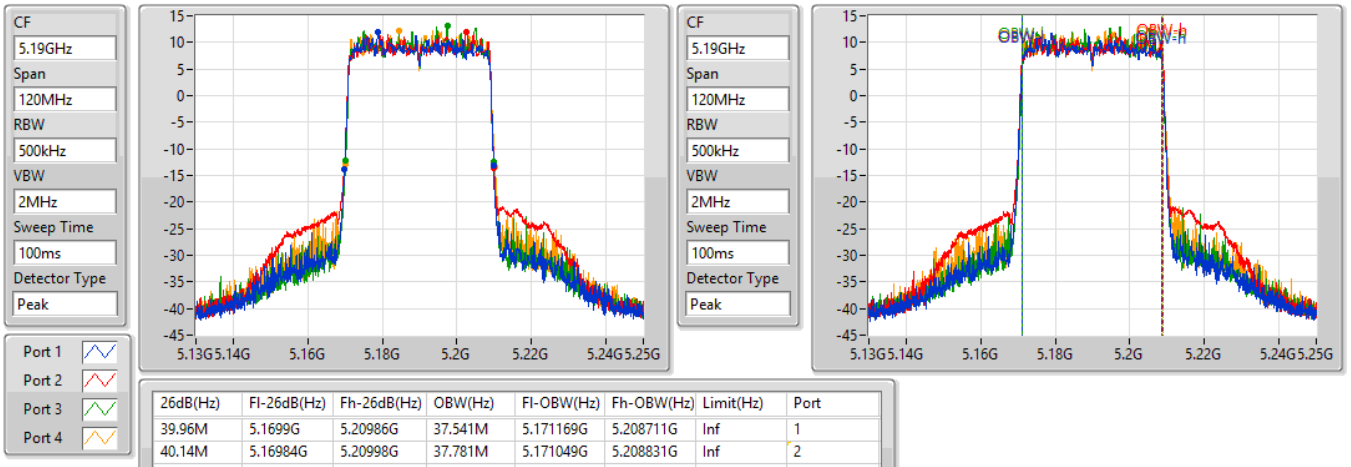


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.81552G	5.83445G	19.22M	5.8153345G	5.834565G	500k	1
18.72M	5.81567G	5.83439G	19.1M	5.8153375G	5.834475G	500k	2
18.45M	5.81549G	5.83394G	19.28M	5.8153315G	5.834595G	500k	3
18.96M	5.81549G	5.83445G	19.43M	5.8151995G	5.834625G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5190MHz

15/04/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.1699G	5.20986G	37.541M	5.171169G	5.208711G	Inf	1
40.14M	5.16984G	5.20998G	37.781M	5.171049G	5.208831G	Inf	2
39.72M	5.17014G	5.20986G	37.481M	5.171229G	5.208711G	Inf	3
40.26M	5.16996G	5.21022G	37.601M	5.171169G	5.208771G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5230MHz

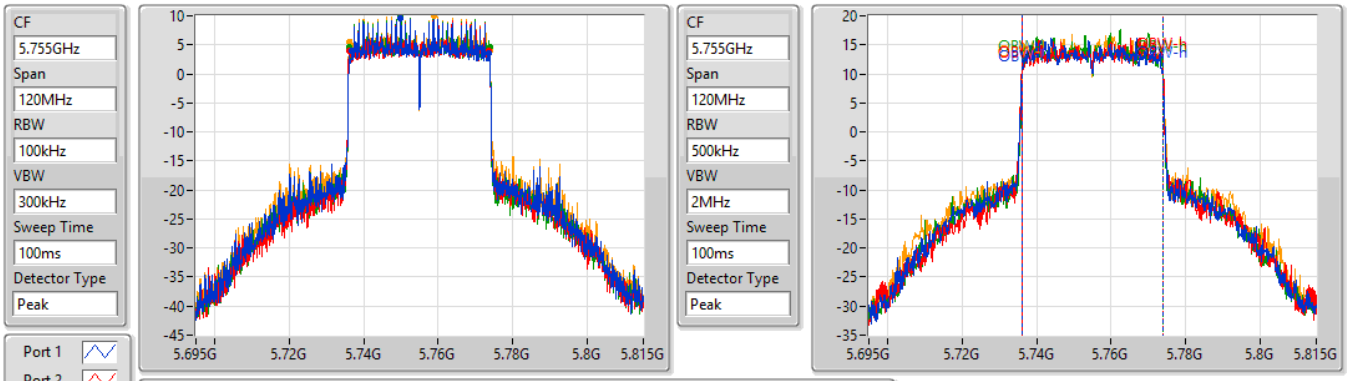
15/04/2021

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
63M	5.1991G	5.2621G	37.841M	5.211049G	5.248891G	Inf	1
54.24M	5.20342G	5.25766G	37.961M	5.21099G	5.248951G	Inf	2
53.34M	5.2036G	5.25694G	37.781M	5.211109G	5.248891G	Inf	3
60.36M	5.20054G	5.2609G	37.901M	5.211049G	5.248951G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5755MHz

15/04/2021

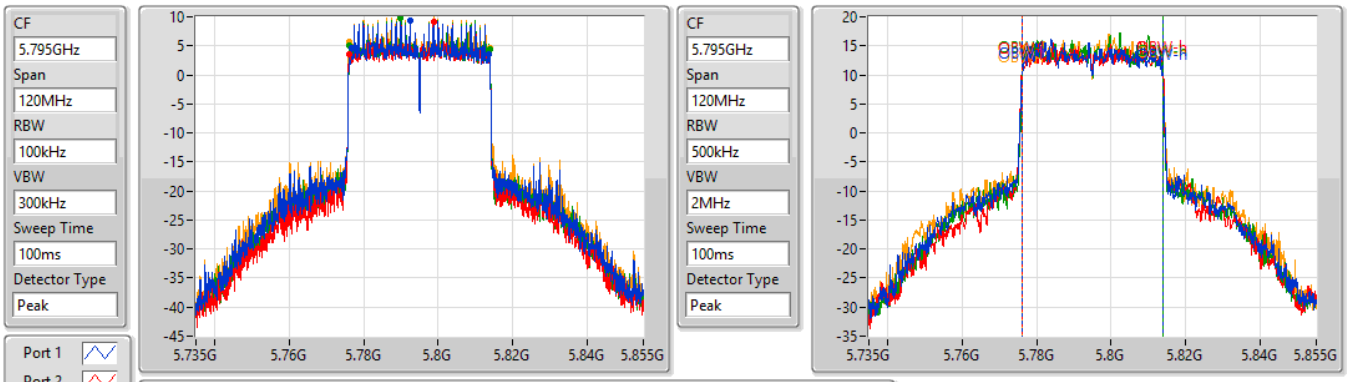


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.9M	5.73676G	5.77366G	37.781M	5.736049G	5.773831G	500k	1
37.5M	5.73616G	5.77366G	37.961M	5.73599G	5.773951G	500k	2
37.56M	5.73616G	5.77372G	37.661M	5.736109G	5.773771G	500k	3
37.62M	5.73616G	5.77378G	37.901M	5.73599G	5.773891G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5795MHz

15/04/2021

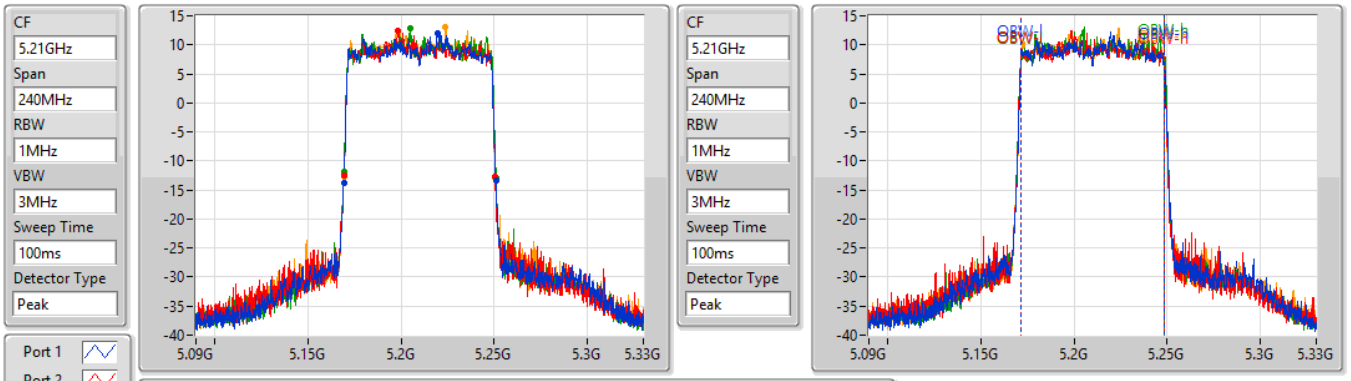


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.96M	5.7767G	5.81366G	37.841M	5.77599G	5.813831G	500k	1
37.44M	5.77616G	5.8136G	37.961M	5.77599G	5.813951G	500k	2
37.56M	5.77616G	5.81372G	37.721M	5.776109G	5.813831G	500k	3
37.56M	5.77616G	5.81372G	37.961M	5.77599G	5.813951G	500k	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5210MHz

15/04/2021

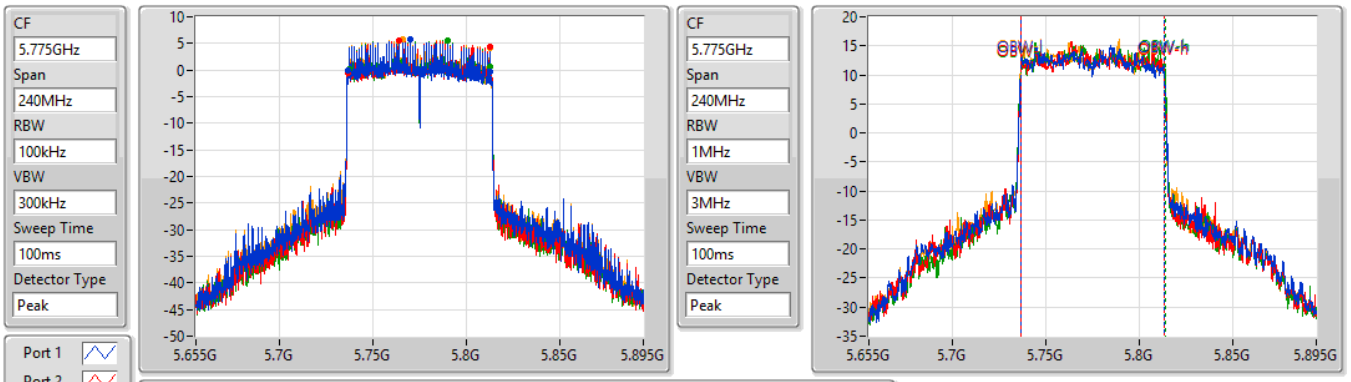


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.16932G	5.25104G	77.001M	5.171499G	5.248501G	Inf	1
81.12M	5.16944G	5.25056G	77.001M	5.171499G	5.248501G	Inf	2
81.6M	5.16932G	5.25092G	77.241M	5.171499G	5.248741G	Inf	3
81.24M	5.16944G	5.25068G	77.001M	5.171499G	5.248501G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5775MHz

15/04/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.56M	5.73624G	5.8128G	77.121M	5.736379G	5.813501G	500k	1
76.32M	5.73624G	5.81256G	77.241M	5.736379G	5.813621G	500k	2
75.48M	5.7372G	5.81268G	77.481M	5.736379G	5.813861G	500k	3
75.72M	5.73684G	5.81256G	77.241M	5.736259G	5.813501G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	40.98M	19.46M	19M5D1D	22.68M	18.621M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	77.22M	38.141M	38M1D1D	39.78M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	76.882M	76M9D1D	81.24M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.02M	19.43M	19M4D1D	18.72M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.62M	38.081M	38M1D1D	37.02M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.28M	77.481M	77M5D1D	76.2M	77.121M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

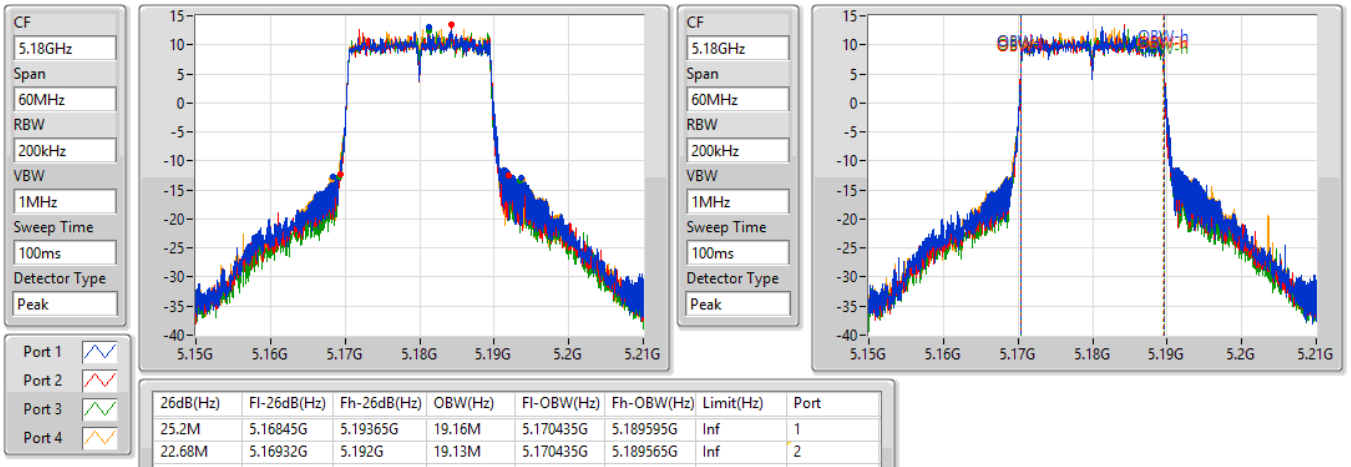
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.2M	19.16M	22.68M	19.13M	24.24M	19.13M	25.47M	19.07M
5200MHz	Pass	Inf	35.79M	18.771M	33.93M	18.621M	36.3M	18.621M	34.77M	18.711M
5240MHz	Pass	Inf	36.54M	19.46M	36.48M	19.31M	36.54M	19.34M	40.98M	19.46M
5745MHz	Pass	500k	18.9M	19.31M	18.99M	19.22M	18.96M	19.31M	18.99M	19.22M
5785MHz	Pass	500k	18.93M	19.37M	18.87M	19.25M	18.9M	19.37M	18.96M	19.43M
5825MHz	Pass	500k	18.96M	19.37M	19.02M	19.22M	18.72M	19.43M	18.93M	19.37M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.541M	39.78M	37.541M	39.9M	37.601M	40.26M	37.541M
5230MHz	Pass	Inf	73.2M	38.081M	63.24M	38.021M	74.76M	38.081M	77.22M	38.141M
5755MHz	Pass	500k	37.02M	37.841M	37.38M	37.721M	37.32M	37.901M	37.44M	37.901M
5795MHz	Pass	500k	37.62M	37.901M	37.08M	37.781M	37.5M	37.901M	37.56M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.48M	76.762M	81.24M	76.762M	81.36M	76.762M	81.72M	76.882M
5775MHz	Pass	500k	76.32M	77.481M	77.28M	77.121M	76.2M	77.241M	76.68M	77.361M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

15/04/2021

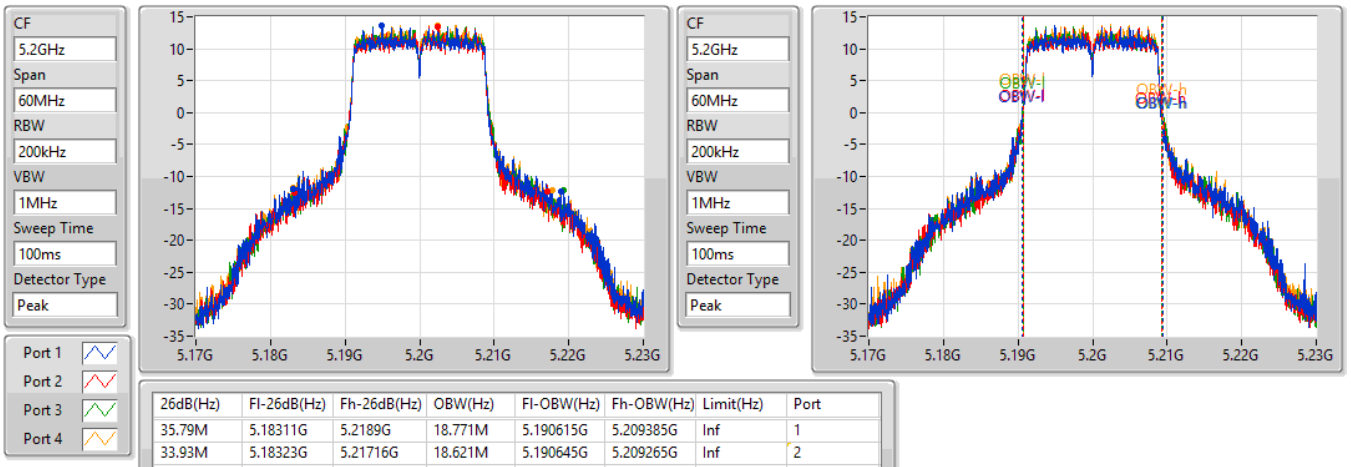


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.2M	5.16845G	5.19365G	19.16M	5.170435G	5.189595G	Inf	1
22.68M	5.16932G	5.192G	19.13M	5.170435G	5.189565G	Inf	2
24.24M	5.16926G	5.1935G	19.13M	5.170435G	5.189565G	Inf	3
25.47M	5.16827G	5.19374G	19.07M	5.170435G	5.189505G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

15/04/2021

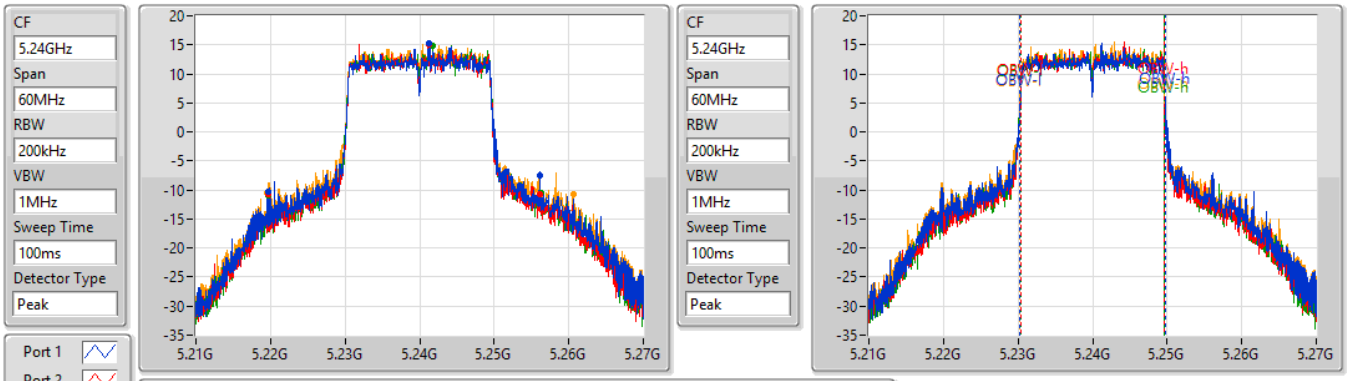


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.79M	5.18311G	5.2189G	18.771M	5.190615G	5.209385G	Inf	1
33.93M	5.18323G	5.21716G	18.621M	5.190645G	5.209265G	Inf	2
36.3M	5.18308G	5.21938G	18.621M	5.190735G	5.209355G	Inf	3
34.77M	5.18302G	5.21779G	18.711M	5.190675G	5.209385G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

15/04/2021

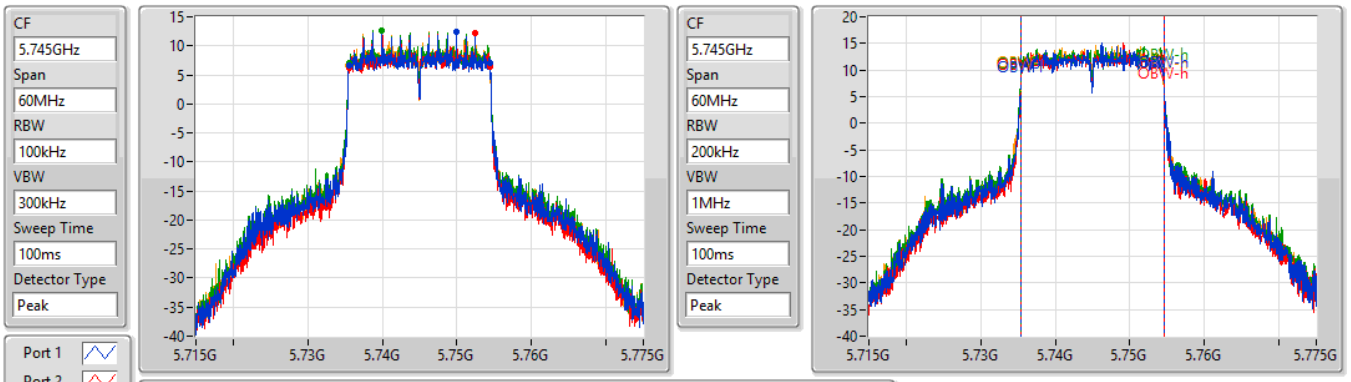


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.54M	5.21966G	5.2562G	19.46M	5.230285G	5.249745G	Inf	1
36.48M	5.21969G	5.25617G	19.31M	5.230345G	5.249655G	Inf	2
36.54M	5.21969G	5.25623G	19.34M	5.230315G	5.249655G	Inf	3
40.98M	5.2196G	5.26058G	19.46M	5.230225G	5.249685G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

15/04/2021

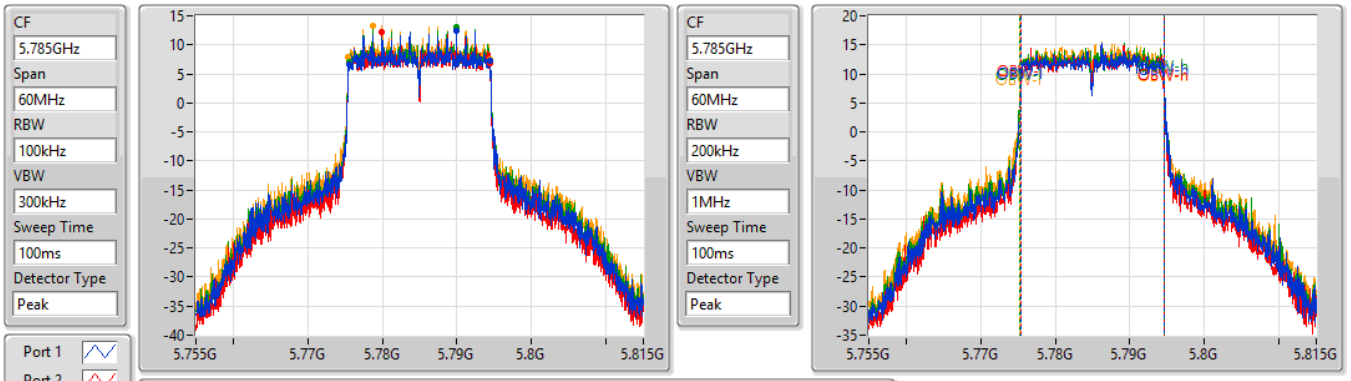


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.73552G	5.75442G	19.31M	5.7353345G	5.754655G	500k	1
18.99M	5.73549G	5.75448G	19.22M	5.7353375G	5.754595G	500k	2
18.96M	5.73549G	5.75445G	19.31M	5.7353315G	5.754625G	500k	3
18.99M	5.73546G	5.75445G	19.22M	5.7353345G	5.754565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

15/04/2021

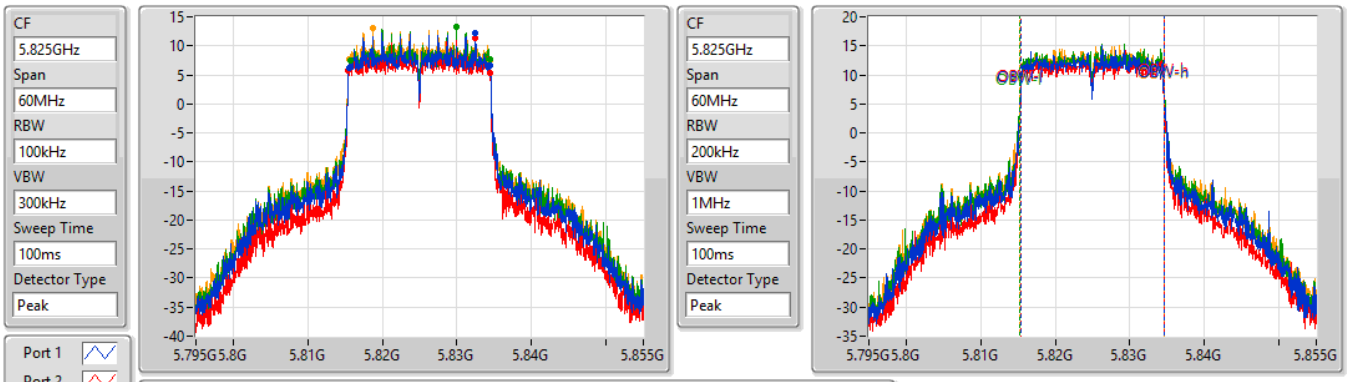


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.77549G	5.79442G	19.37M	5.775315G	5.794685G	500k	1
18.87M	5.77555G	5.79442G	19.25M	5.775345G	5.794595G	500k	2
18.9M	5.77552G	5.79442G	19.37M	5.775285G	5.794655G	500k	3
18.96M	5.77546G	5.79442G	19.43M	5.775225G	5.794655G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

15/04/2021

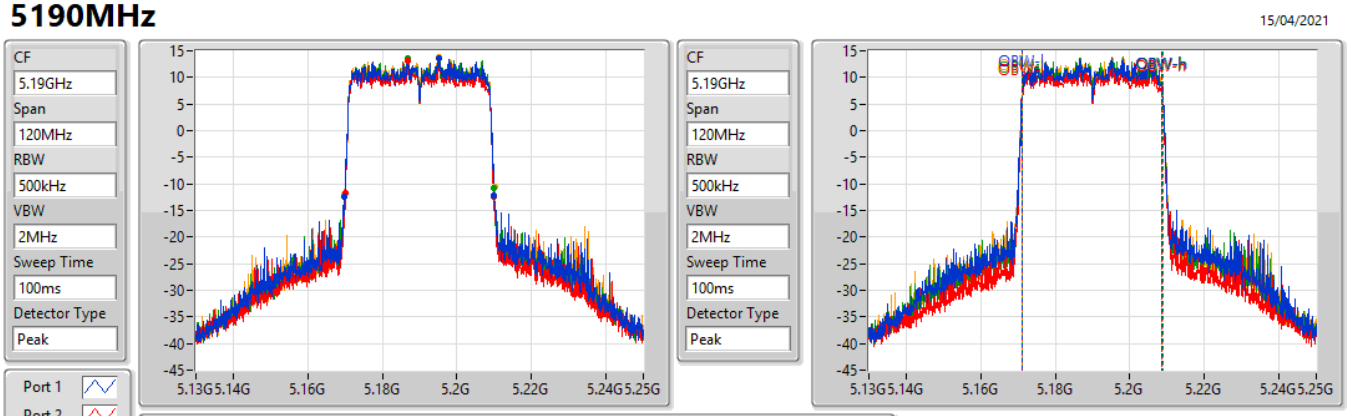


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.81549G	5.83445G	19.37M	5.815315G	5.834685G	500k	1
19.02M	5.81546G	5.83448G	19.22M	5.815375G	5.834595G	500k	2
18.72M	5.81567G	5.83439G	19.43M	5.815255G	5.834685G	500k	3
18.93M	5.81552G	5.83445G	19.37M	5.815255G	5.834625G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

15/04/2021

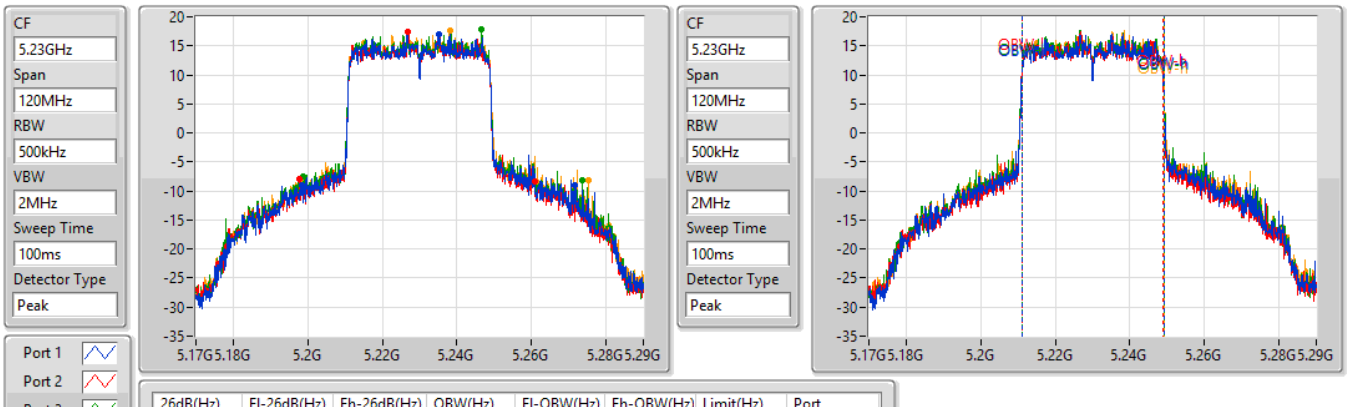


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.16984G	5.21004G	37.541M	5.171169G	5.208711G	Inf	1
39.78M	5.17008G	5.20986G	37.541M	5.171169G	5.208711G	Inf	2
39.9M	5.17002G	5.20992G	37.601M	5.171169G	5.208771G	Inf	3
40.26M	5.16984G	5.2101G	37.541M	5.171229G	5.208771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

15/04/2021

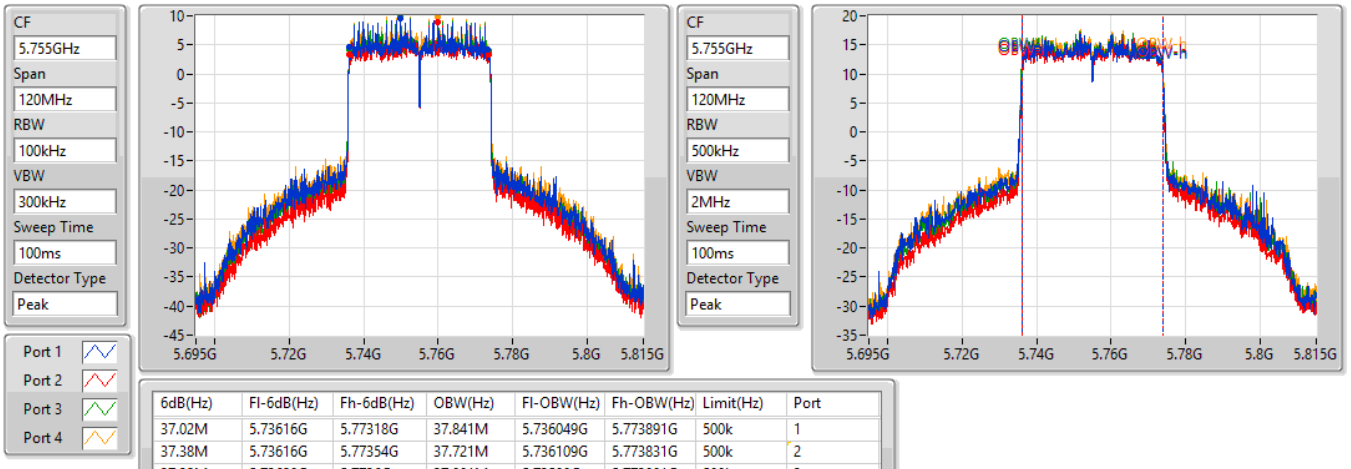


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.2M	5.19844G	5.27164G	38.081M	5.21099G	5.24907G	Inf	1
63.24M	5.19772G	5.26096G	38.021M	5.21099G	5.24901G	Inf	2
74.76M	5.19874G	5.2735G	38.081M	5.21099G	5.24907G	Inf	3
77.22M	5.19808G	5.2753G	38.141M	5.21099G	5.24913G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

15/04/2021

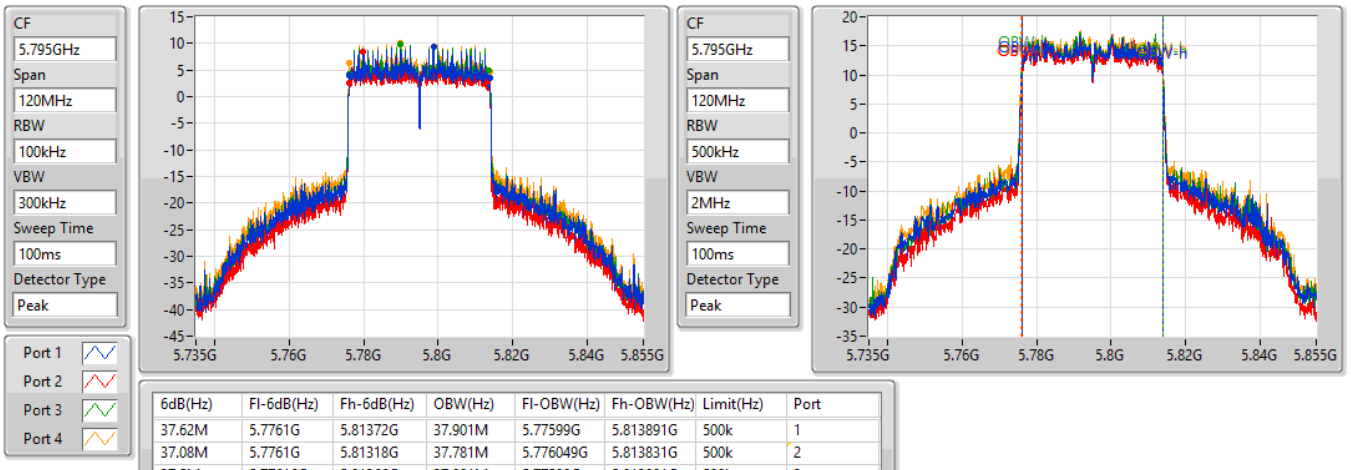


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.02M	5.73616G	5.77318G	37.841M	5.736049G	5.773891G	500k	1
37.38M	5.73616G	5.77354G	37.721M	5.736109G	5.773831G	500k	2
37.32M	5.73628G	5.7736G	37.901M	5.73599G	5.773891G	500k	3
37.44M	5.73616G	5.7736G	37.901M	5.73599G	5.773891G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

15/04/2021

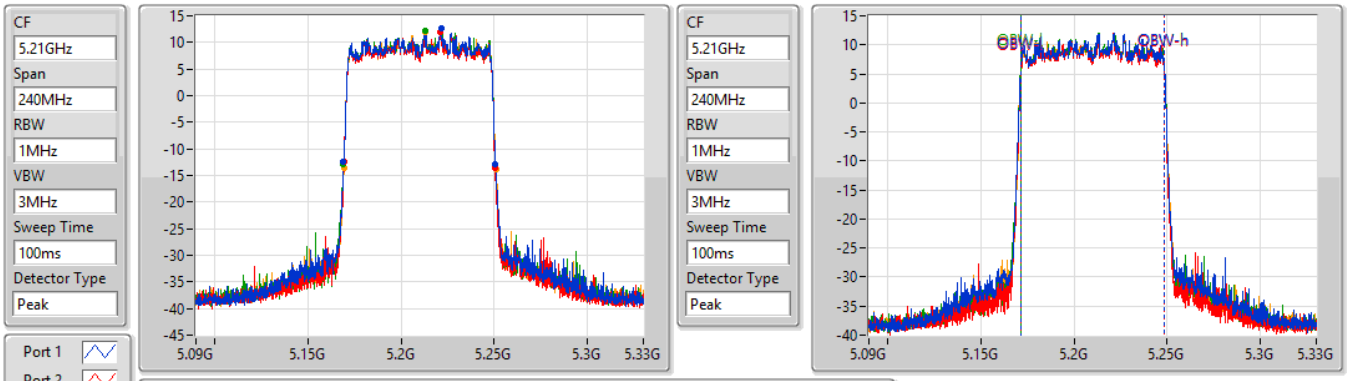


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.7761G	5.81372G	37.901M	5.77599G	5.813891G	500k	1
37.08M	5.7761G	5.81318G	37.781M	5.776049G	5.813831G	500k	2
37.5M	5.77616G	5.81366G	37.901M	5.77599G	5.813891G	500k	3
37.56M	5.77616G	5.81372G	38.081M	5.77593G	5.81401G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

15/04/2021

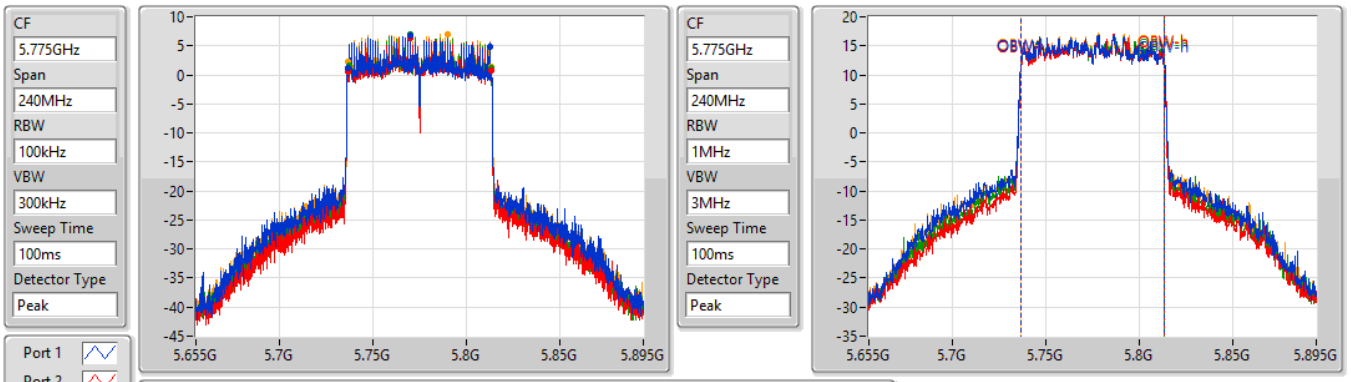


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.1692G	5.25068G	76.762M	5.171619G	5.248381G	Inf	1
81.24M	5.16932G	5.25056G	76.762M	5.171619G	5.248381G	Inf	2
81.36M	5.1692G	5.25056G	76.762M	5.171619G	5.248381G	Inf	3
81.72M	5.16932G	5.25104G	76.882M	5.171619G	5.248501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

15/04/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.32M	5.73624G	5.81256G	77.481M	5.736259G	5.813741G	500k	1
77.28M	5.73624G	5.81352G	77.121M	5.736499G	5.813621G	500k	2
76.2M	5.73732G	5.81352G	77.241M	5.736379G	5.813621G	500k	3
76.68M	5.73684G	5.81352G	77.361M	5.736259G	5.813621G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.91	0.97949
802.11ac VHT20_Nss1,(MCS0)_4TX	29.66	0.92470
802.11ac VHT40_Nss1,(MCS0)_4TX	29.26	0.84333
802.11ac VHT80_Nss1,(MCS0)_4TX	24.43	0.27733
802.11ax HEW20_Nss1,(MCS0)_4TX	29.94	0.98628
802.11ax HEW40_Nss1,(MCS0)_4TX	29.39	0.86896
802.11ax HEW80_Nss1,(MCS0)_4TX	24.67	0.29309
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.99	0.99770
802.11ac VHT20_Nss1,(MCS0)_4TX	29.68	0.92897
802.11ac VHT40_Nss1,(MCS0)_4TX	29.79	0.95280
802.11ac VHT80_Nss1,(MCS0)_4TX	27.12	0.51523
802.11ax HEW20_Nss1,(MCS0)_4TX	29.91	0.97949
802.11ax HEW40_Nss1,(MCS0)_4TX	29.88	0.97275
802.11ax HEW80_Nss1,(MCS0)_4TX	27.44	0.55463

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.97	21.30	21.81	21.28	21.53	27.51	30.00
5200MHz	Pass	2.97	23.52	23.62	23.12	23.72	29.52	30.00
5240MHz	Pass	2.97	23.61	23.73	23.88	24.32	29.91	30.00
5745MHz	Pass	4.24	23.65	23.47	24.13	24.25	29.91	30.00
5785MHz	Pass	4.24	23.48	23.57	24.09	24.08	29.83	30.00
5825MHz	Pass	4.24	23.79	23.59	24.27	24.20	29.99	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.97	20.75	20.83	20.77	20.82	26.81	30.00
5200MHz	Pass	2.97	23.34	23.43	23.71	24.03	29.66	30.00
5240MHz	Pass	2.97	23.38	23.54	23.52	23.89	29.61	30.00
5745MHz	Pass	4.24	23.42	23.49	23.76	23.96	29.68	30.00
5785MHz	Pass	4.24	22.87	23.47	23.79	23.93	29.55	30.00
5825MHz	Pass	4.24	23.42	23.09	23.81	23.78	29.56	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.97	18.31	18.09	18.35	18.51	24.34	30.00
5230MHz	Pass	2.97	23.13	23.03	23.42	23.38	29.26	30.00
5755MHz	Pass	4.24	23.64	23.65	23.74	24.03	29.79	30.00
5795MHz	Pass	4.24	23.57	23.34	23.76	24.12	29.73	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.97	18.60	18.28	18.24	18.51	24.43	30.00
5775MHz	Pass	4.24	21.02	21.05	21.16	21.18	27.12	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.97	21.13	21.10	21.00	21.26	27.14	30.00
5200MHz	Pass	2.97	23.68	23.82	23.75	24.13	29.87	30.00
5240MHz	Pass	2.97	23.65	23.88	23.85	24.27	29.94	30.00
5745MHz	Pass	4.24	23.65	23.70	24.12	24.07	29.91	30.00
5785MHz	Pass	4.24	23.60	23.61	24.06	23.90	29.82	30.00
5825MHz	Pass	4.24	23.39	24.12	23.99	23.85	29.87	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.97	18.19	18.14	18.26	18.25	24.23	30.00
5230MHz	Pass	2.97	22.90	23.20	23.58	23.76	29.39	30.00
5755MHz	Pass	4.24	23.77	23.59	23.87	24.18	29.88	30.00
5795MHz	Pass	4.24	23.75	23.48	23.94	24.25	29.88	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.97	18.70	18.30	18.83	18.76	24.67	30.00
5775MHz	Pass	4.24	21.14	21.40	21.60	21.53	27.44	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	29.95	0.98855
802.11ac VHT40_Nss4,(MCS0)_4TX	29.37	0.86497
802.11ac VHT80_Nss4,(MCS0)_4TX	24.75	0.29854
802.11ax HEW20_Nss4,(MCS0)_4TX	29.78	0.95060
802.11ax HEW40_Nss4,(MCS0)_4TX	29.81	0.95719
802.11ax HEW80_Nss4,(MCS0)_4TX	25.01	0.31696
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	29.87	0.97051
802.11ac VHT40_Nss4,(MCS0)_4TX	29.67	0.92683
802.11ac VHT80_Nss4,(MCS0)_4TX	28.01	0.63241
802.11ax HEW20_Nss4,(MCS0)_4TX	29.97	0.99312
802.11ax HEW40_Nss4,(MCS0)_4TX	29.90	0.97724
802.11ax HEW80_Nss4,(MCS0)_4TX	28.55	0.71614

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.97	21.05	21.23	21.19	21.45	27.25	30.00
5200MHz	Pass	2.97	23.31	23.65	23.80	24.82	29.95	30.00
5240MHz	Pass	2.97	23.22	23.33	23.52	24.01	29.55	30.00
5745MHz	Pass	4.24	23.43	23.56	24.13	24.01	29.81	30.00
5785MHz	Pass	4.24	23.27	23.34	24.75	23.85	29.86	30.00
5825MHz	Pass	4.24	23.76	23.32	24.10	24.18	29.87	30.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.97	18.62	18.73	19.01	18.97	24.86	30.00
5230MHz	Pass	2.97	22.93	23.77	23.36	23.29	29.37	30.00
5755MHz	Pass	4.24	23.37	23.41	23.75	23.96	29.65	30.00
5795MHz	Pass	4.24	23.39	23.24	23.89	24.02	29.67	30.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.97	18.70	18.51	18.78	18.91	24.75	30.00
5775MHz	Pass	4.24	21.88	21.76	22.14	22.17	28.01	30.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.97	21.45	21.46	21.56	21.65	27.55	30.00
5200MHz	Pass	2.97	23.66	23.90	23.96	23.51	29.78	30.00
5240MHz	Pass	2.97	23.70	23.71	23.80	23.77	29.77	30.00
5745MHz	Pass	4.24	23.70	23.68	24.17	24.12	29.94	30.00
5785MHz	Pass	4.24	23.66	23.60	24.18	24.11	29.92	30.00
5825MHz	Pass	4.24	23.79	23.54	24.17	24.27	29.97	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.97	18.83	19.56	19.34	19.34	25.30	30.00
5230MHz	Pass	2.97	23.86	23.13	23.51	24.52	29.81	30.00
5755MHz	Pass	4.24	23.48	24.18	23.68	23.95	29.85	30.00
5795MHz	Pass	4.24	23.79	23.47	24.05	24.16	29.90	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.97	19.01	18.80	19.03	19.12	25.01	30.00
5775MHz	Pass	4.24	22.73	22.28	22.51	22.57	28.55	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.66	0.92470
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	29.51	0.89331
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	24.12	0.25823
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.94	0.98628
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.86	0.96828
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.29	0.26853
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.68	0.92897
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	29.79	0.95280
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	29.33	0.85704
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.91	0.97949
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.88	0.97275
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	29.33	0.85704

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.18	21.42	21.48	21.39	21.56	27.48	30.00
5200MHz	Pass	5.18	23.34	23.43	23.71	24.03	29.66	30.00
5240MHz	Pass	5.18	23.38	23.54	23.52	23.89	29.61	30.00
5745MHz	Pass	5.58	23.42	23.49	23.76	23.96	29.68	30.00
5785MHz	Pass	5.58	22.87	23.47	23.79	23.93	29.55	30.00
5825MHz	Pass	5.58	23.42	23.09	23.81	23.78	29.56	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.18	19.92	19.81	20.47	20.18	26.12	30.00
5230MHz	Pass	5.18	23.36	23.27	23.67	23.64	29.51	30.00
5755MHz	Pass	5.58	23.64	23.65	23.74	24.03	29.79	30.00
5795MHz	Pass	5.58	23.57	23.34	23.76	24.12	29.73	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.18	18.05	17.98	18.29	18.07	24.12	30.00
5775MHz	Pass	5.58	23.18	23.11	23.28	23.63	29.33	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.18	21.68	21.69	21.75	21.91	27.78	30.00
5200MHz	Pass	5.18	23.68	23.82	23.75	24.13	29.87	30.00
5240MHz	Pass	5.18	23.65	23.88	23.85	24.27	29.94	30.00
5745MHz	Pass	5.58	23.65	23.70	24.12	24.07	29.91	30.00
5785MHz	Pass	5.58	23.60	23.61	24.06	23.90	29.82	30.00
5825MHz	Pass	5.58	23.39	24.12	23.99	23.85	29.87	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.18	20.31	19.43	20.42	20.48	26.20	30.00
5230MHz	Pass	5.18	23.63	23.31	24.05	24.29	29.86	30.00
5755MHz	Pass	5.58	23.77	23.59	23.87	24.18	29.88	30.00
5795MHz	Pass	5.58	23.75	23.48	23.94	24.25	29.88	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.18	18.30	18.04	18.39	18.33	24.29	30.00
5775MHz	Pass	5.58	23.33	22.56	23.45	23.81	29.33	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.94
802.11ax HEW20_Nss1,(MCS0)_4TX	16.53
802.11ax HEW40_Nss1,(MCS0)_4TX	13.25
802.11ax HEW80_Nss1,(MCS0)_4TX	5.86
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.27
802.11ax HEW20_Nss1,(MCS0)_4TX	14.94
802.11ax HEW40_Nss1,(MCS0)_4TX	12.33
802.11ax HEW80_Nss1,(MCS0)_4TX	7.22

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

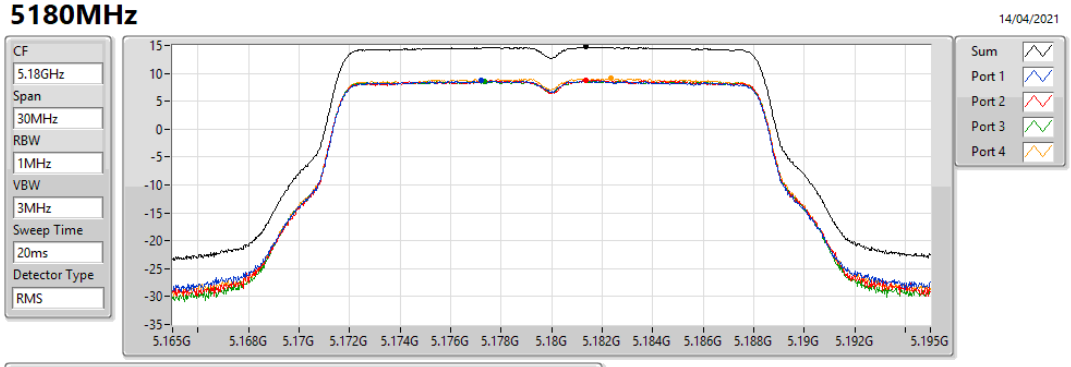
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.18	8.67	8.80	8.62	9.08	14.72	17.00
5200MHz	Pass	5.18	10.75	10.77	10.68	11.25	16.77	17.00
5240MHz	Pass	5.18	10.81	10.92	10.86	11.47	16.94	17.00
5745MHz	Pass	5.58	9.14	9.12	9.46	9.49	15.21	30.00
5785MHz	Pass	5.58	8.98	8.97	9.46	9.54	15.14	30.00
5825MHz	Pass	5.58	9.20	8.96	9.65	9.74	15.27	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.18	7.89	7.87	7.76	7.99	13.79	17.00
5200MHz	Pass	5.18	10.38	10.54	10.63	10.81	16.51	17.00
5240MHz	Pass	5.18	10.37	10.45	10.62	10.86	16.53	17.00
5745MHz	Pass	5.58	8.75	8.81	9.12	9.25	14.94	30.00
5785MHz	Pass	5.58	8.57	8.59	9.04	9.08	14.77	30.00
5825MHz	Pass	5.58	8.62	8.47	8.90	8.85	14.62	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.18	2.53	2.34	2.35	2.49	8.34	17.00
5230MHz	Pass	5.18	7.06	7.14	7.39	7.68	13.25	17.00
5755MHz	Pass	5.58	6.18	6.22	6.34	6.66	12.33	30.00
5795MHz	Pass	5.58	6.17	5.92	6.28	6.69	12.14	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.18	-0.01	-0.12	0.01	-0.13	5.86	17.00
5775MHz	Pass	5.58	1.02	1.46	1.34	1.40	7.22	30.00

DG = Directional Gain; **RBW** = 500 kHz 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)_4TX PSD

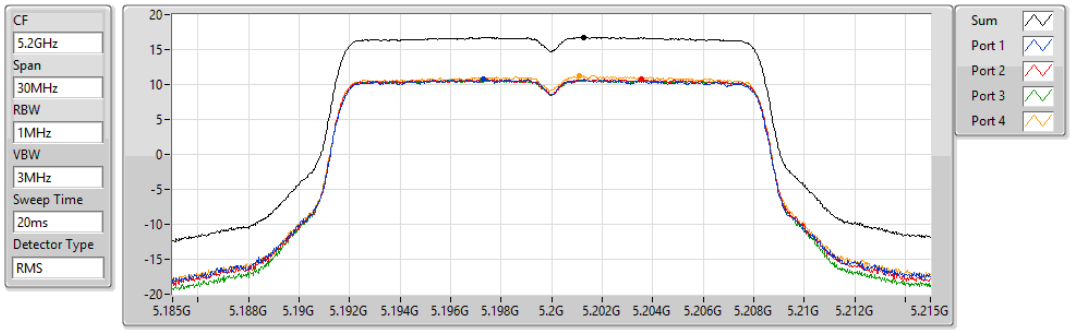
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.72	14.72	8.67	8.80	8.62	9.08

802.11a_Nss1,(6Mbps)_4TX PSD

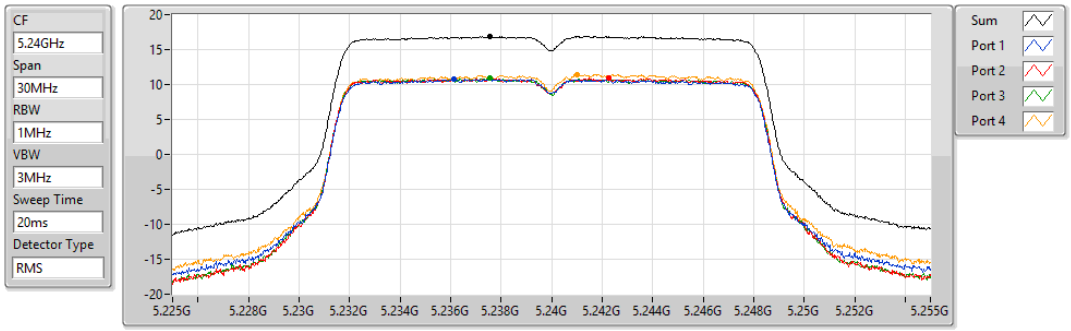
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.77	16.77	10.75	10.77	10.68	11.25

802.11a_Nss1,(6Mbps)_4TX PSD

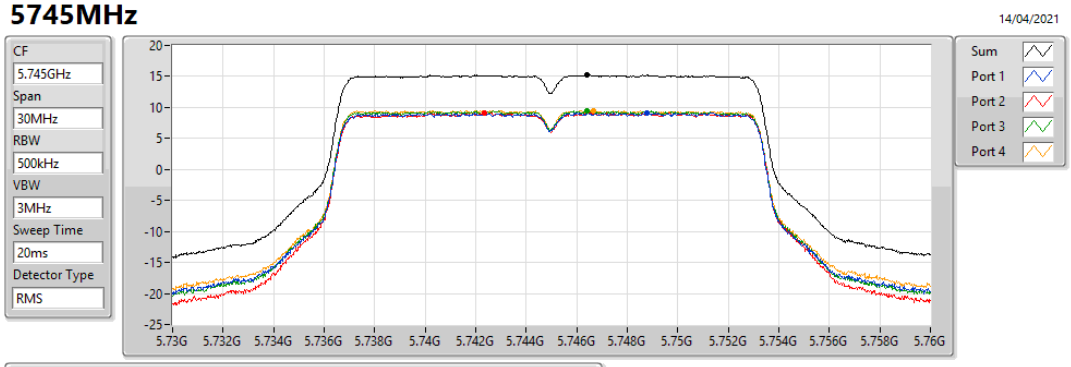
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.94	16.94	10.81	10.92	10.86	11.47

802.11a_Nss1,(6Mbps)_4TX **PSD**

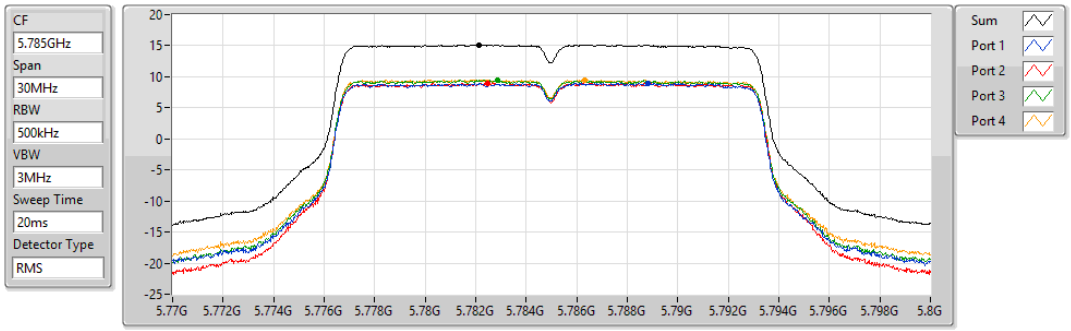
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.21	15.21	9.14	9.12	9.46	9.49

802.11a_Nss1,(6Mbps)_4TX **PSD**

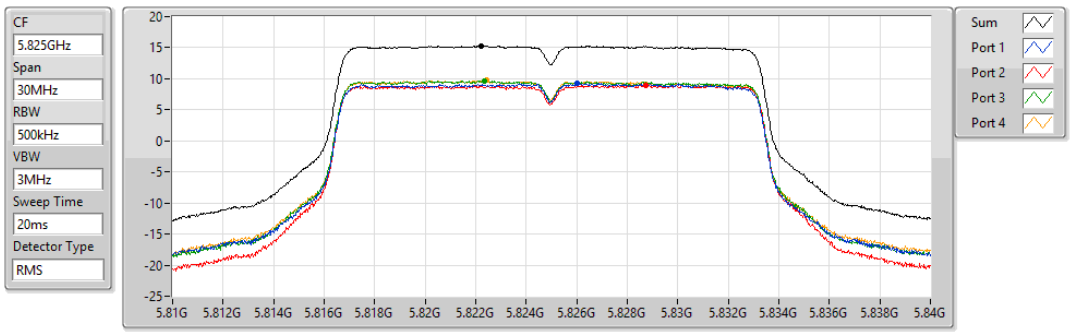
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.14	15.14	8.98	8.97	9.46	9.54

802.11a_Nss1,(6Mbps)_4TX **PSD**

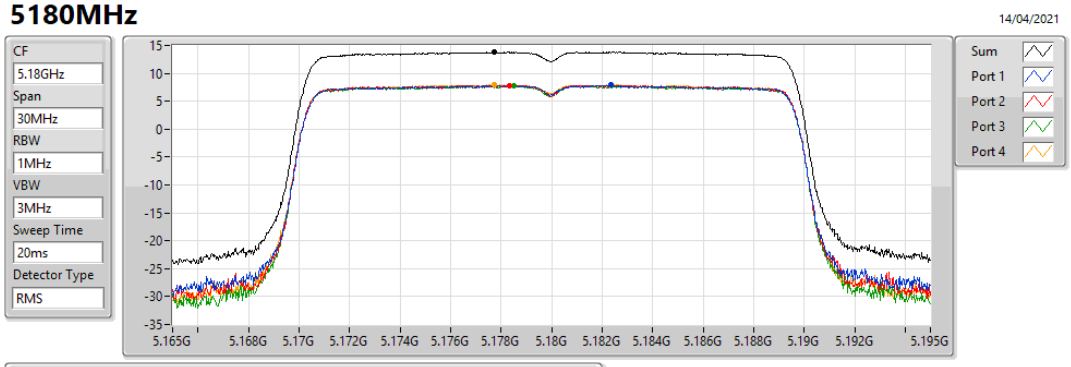
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.27	15.27	9.20	8.96	9.65	9.74

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

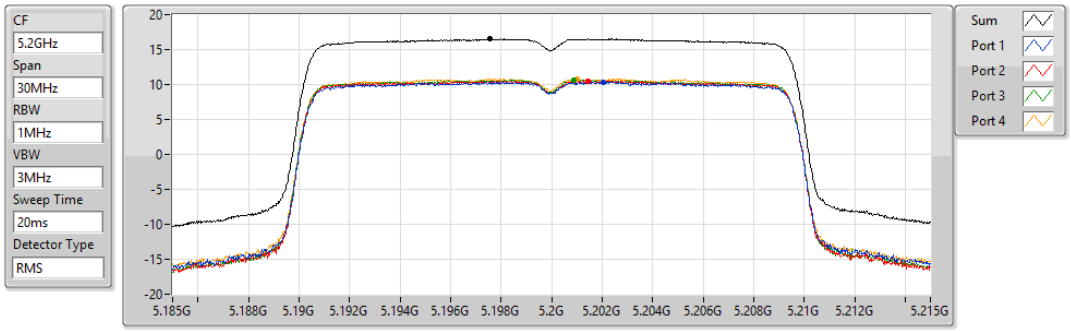
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.79	13.79	7.89	7.87	7.76	7.99

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

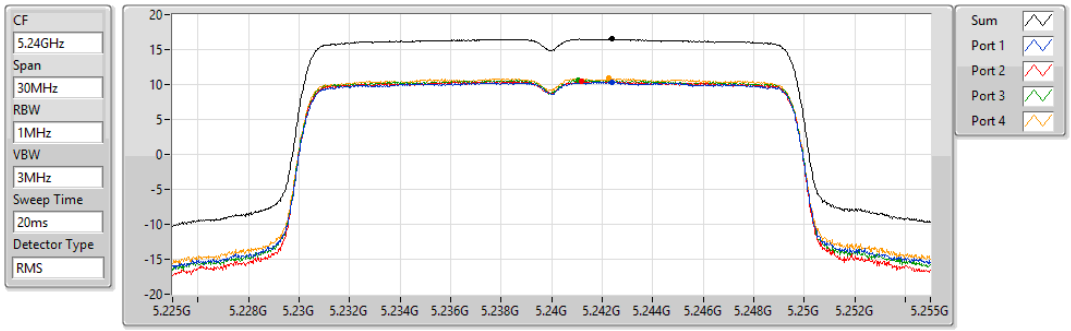
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.51	16.51	10.38	10.54	10.63	10.81

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

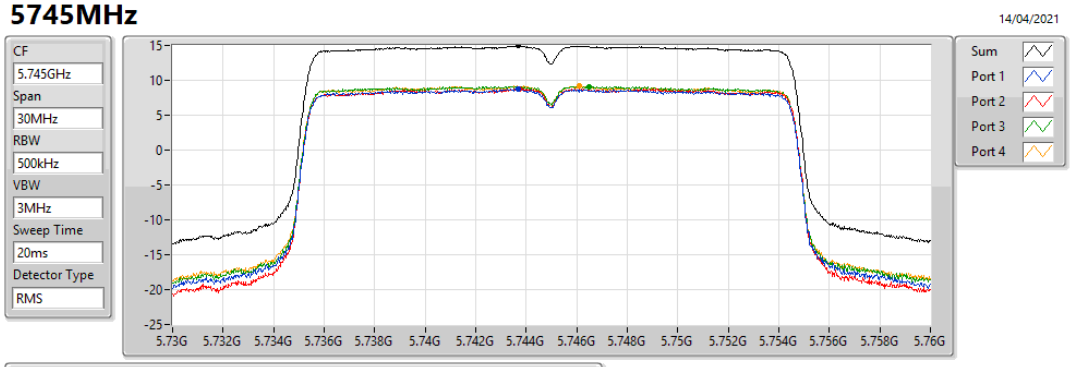
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.53	16.53	10.37	10.45	10.62	10.86

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

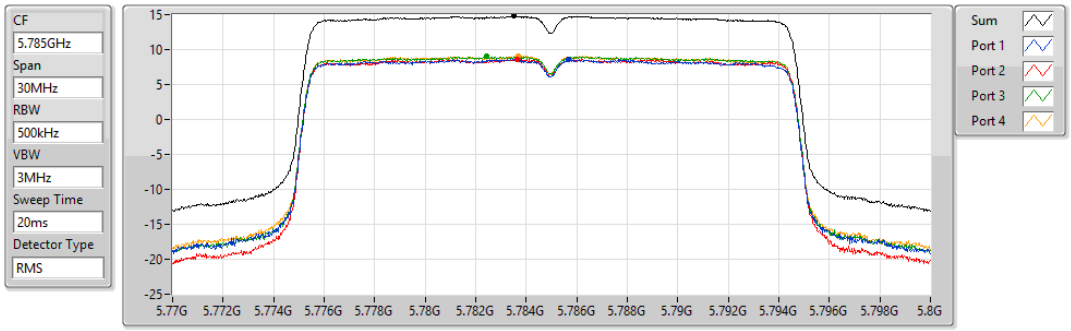
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.94	14.94	8.75	8.81	9.12	9.25

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

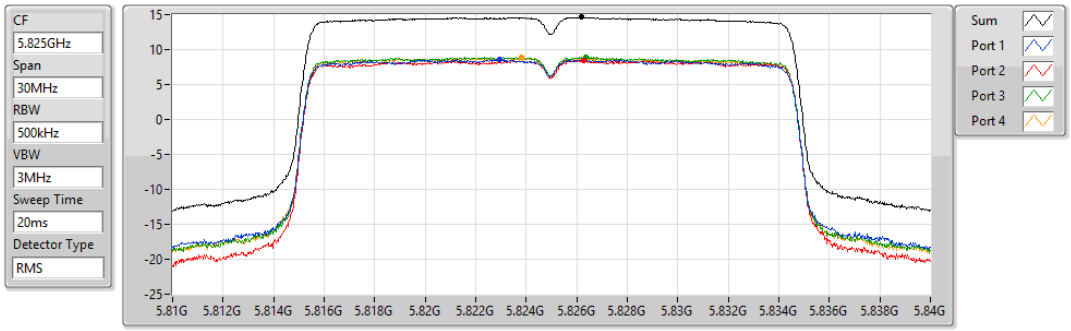
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.77	14.77	8.57	8.59	9.04	9.08

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

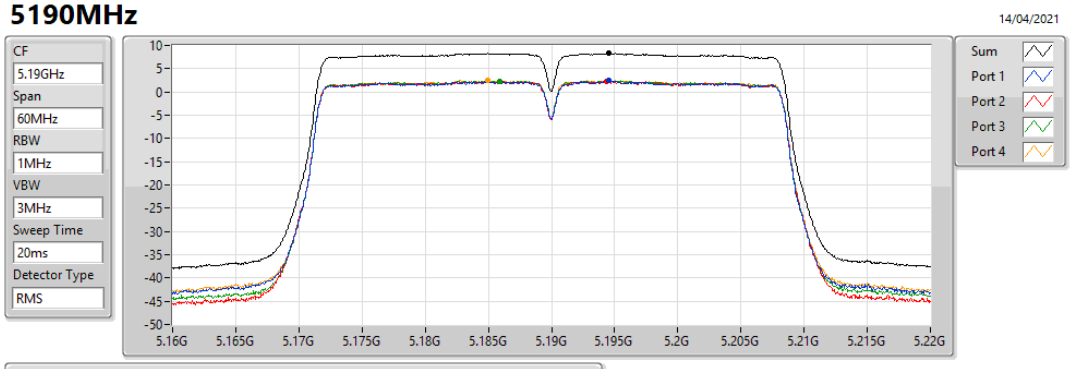
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.62	14.62	8.62	8.47	8.90	8.85

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

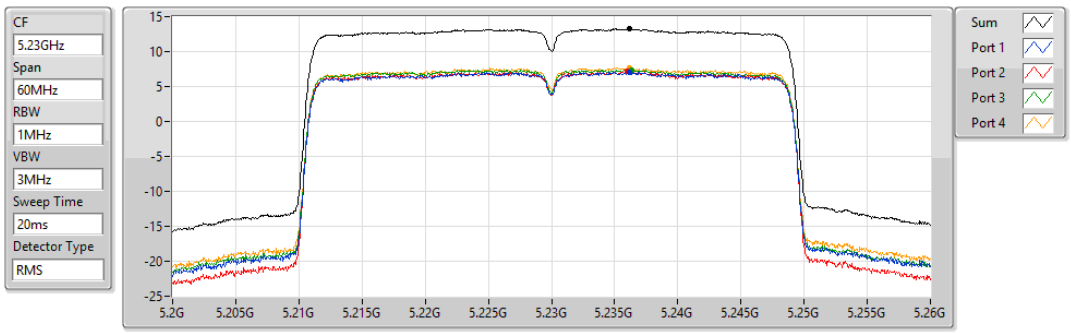
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	2.53	2.34	2.35	2.49

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

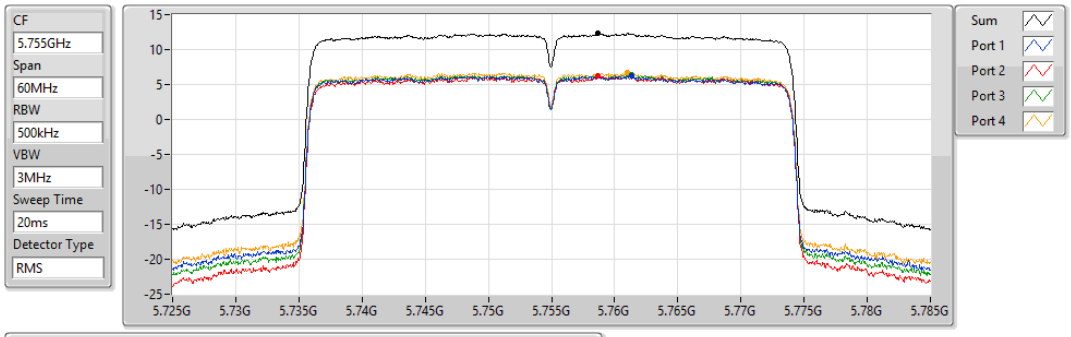
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.25	13.25	7.06	7.14	7.39	7.68

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

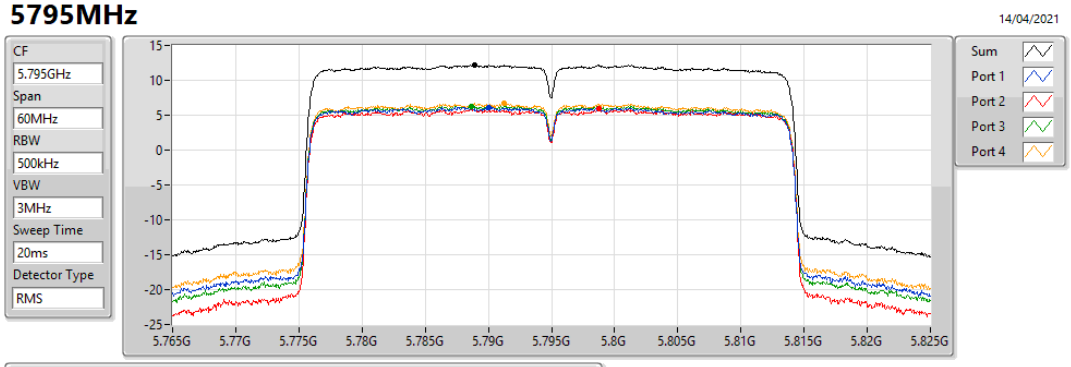
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.33	12.33	6.18	6.22	6.34	6.66

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

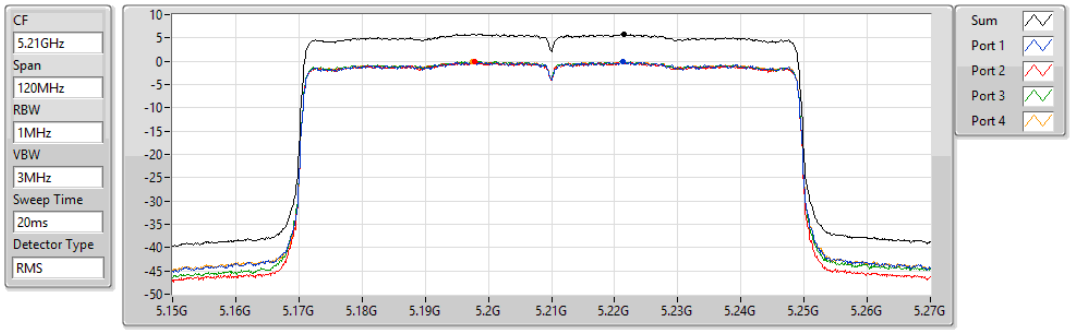
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.14	12.14	6.17	5.92	6.28	6.69

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

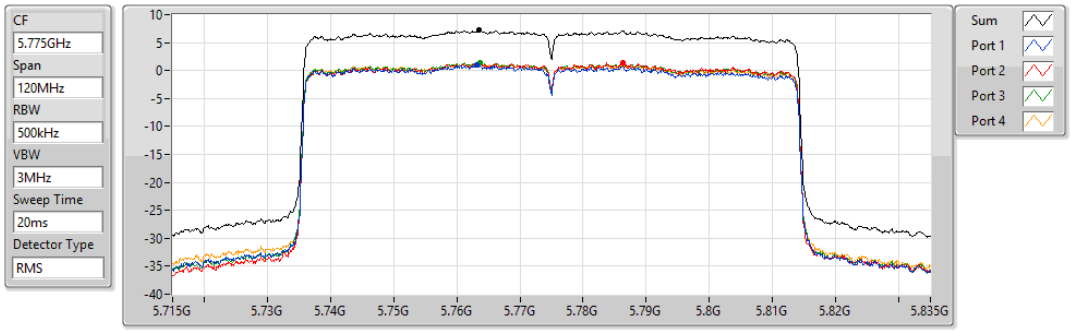
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	-0.01	-0.12	0.01	-0.13

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	1.02	1.46	1.34	1.40

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	16.95
802.11ax HEW40_Nss4,(MCS0)_4TX	13.79
802.11ax HEW80_Nss4,(MCS0)_4TX	6.64
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.50
802.11ax HEW40_Nss4,(MCS0)_4TX	12.72
802.11ax HEW80_Nss4,(MCS0)_4TX	8.80

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

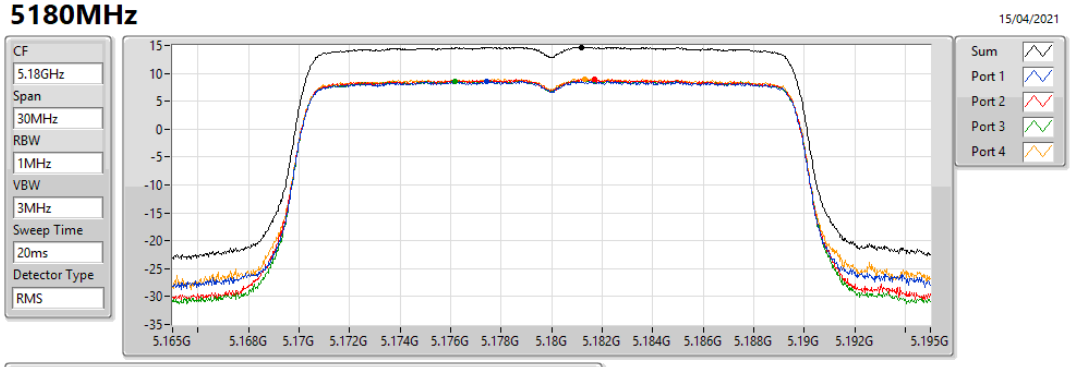
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	0.05	8.55	8.93	8.64	8.97	14.69	17.00
5200MHz	Pass	0.05	10.70	10.92	11.30	11.45	16.95	17.00
5240MHz	Pass	0.05	10.75	10.68	10.90	11.00	16.71	17.00
5745MHz	Pass	0.30	9.32	9.28	9.80	9.87	15.50	30.00
5785MHz	Pass	0.30	9.32	9.22	9.77	9.70	15.40	30.00
5825MHz	Pass	0.30	9.45	9.10	9.84	9.93	15.44	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	0.05	3.32	3.52	3.77	3.88	9.56	17.00
5230MHz	Pass	0.05	7.47	7.69	7.92	8.39	13.79	17.00
5755MHz	Pass	0.30	6.59	6.46	6.54	7.17	12.59	30.00
5795MHz	Pass	0.30	6.63	6.78	6.85	7.26	12.72	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	0.05	0.75	0.58	0.90	0.98	6.64	17.00
5775MHz	Pass	0.30	2.90	2.77	3.04	3.12	8.80	30.00

DG = Directional Gain; **RBW** = 500 kHz 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_Nss4,(MCS0)_4TX PSD

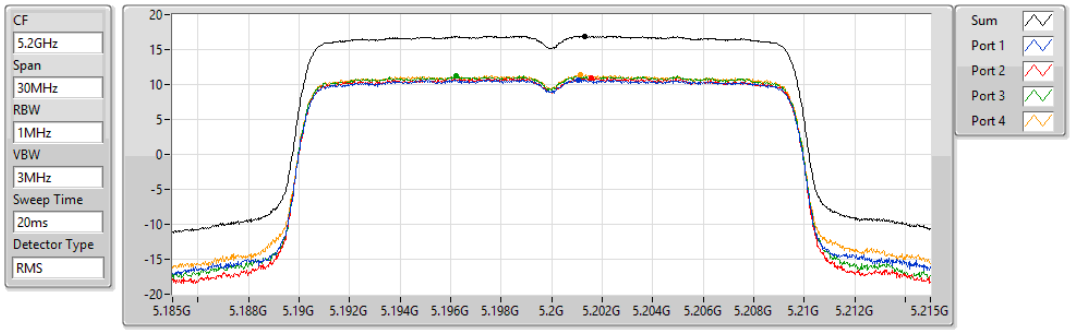
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.69	14.69	8.55	8.93	8.64	8.97

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

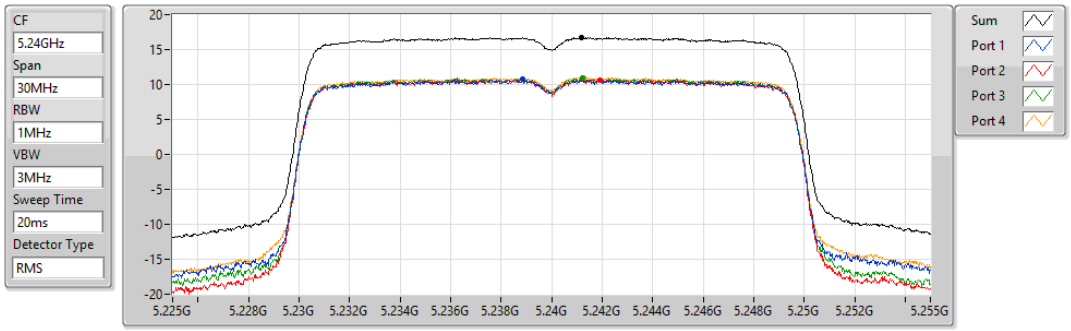
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.95	16.95	10.70	10.92	11.30	11.45

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

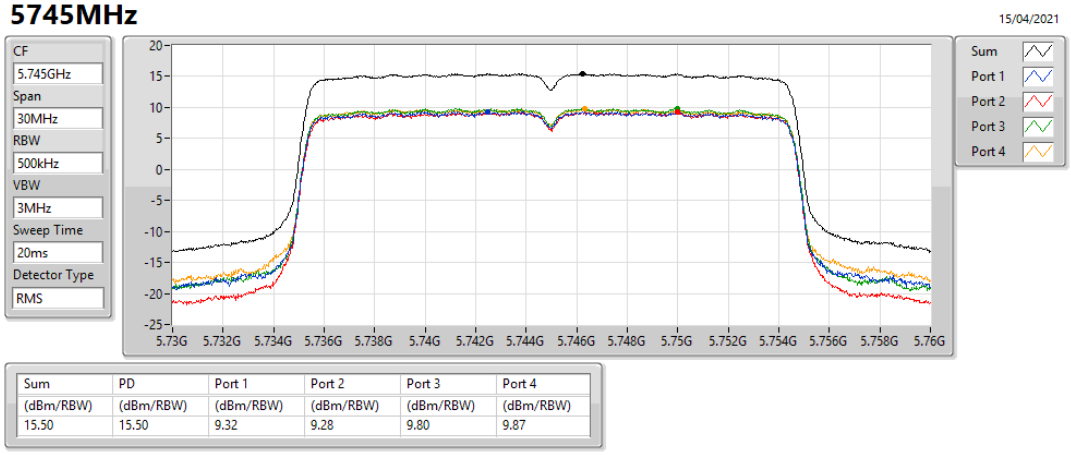
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.71	16.71	10.75	10.68	10.90	11.00

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

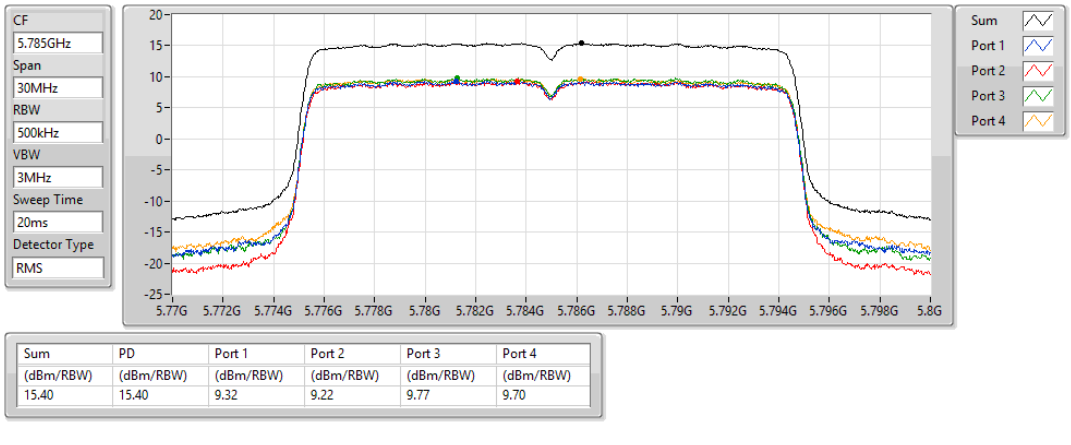
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.50	15.50	9.32	9.28	9.80	9.87

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

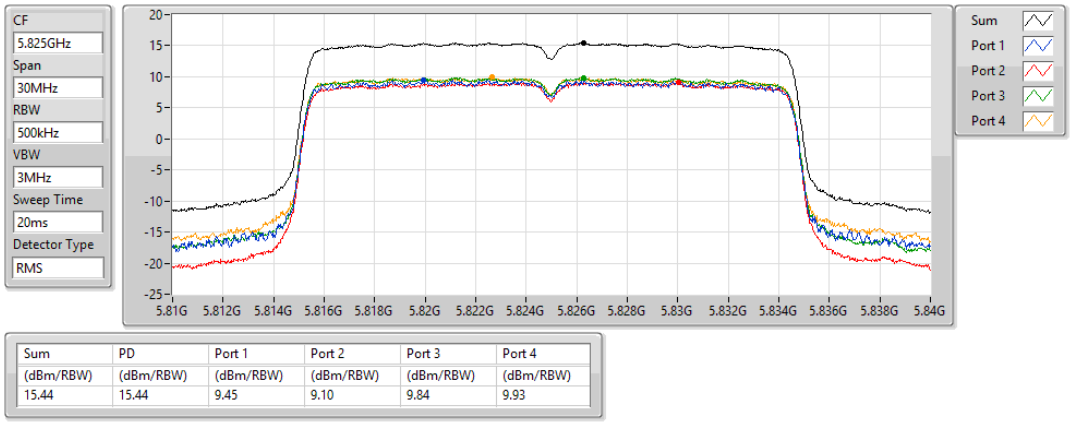
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.40	15.40	9.32	9.22	9.77	9.70

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

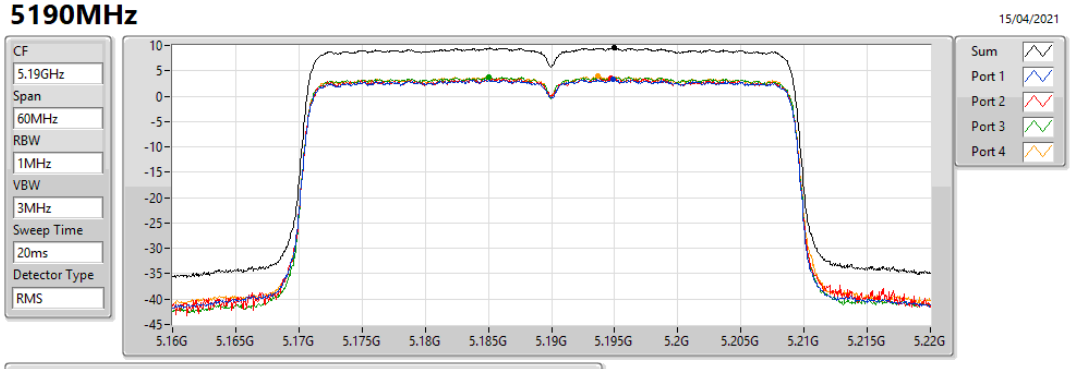
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.44	15.44	9.45	9.10	9.84	9.93

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

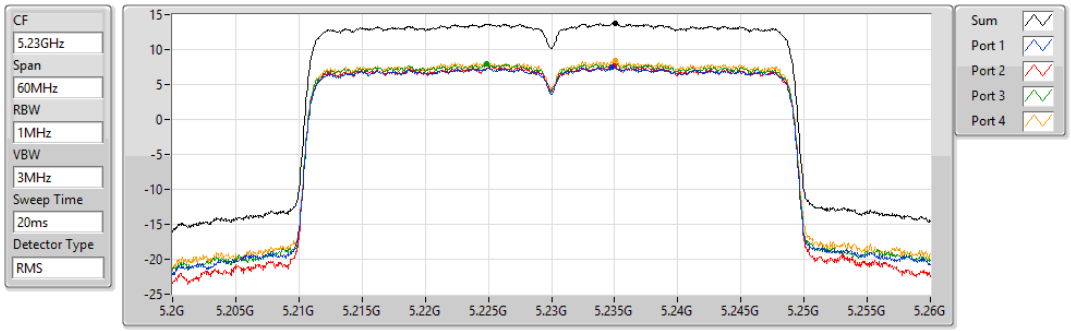
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	3.32	3.52	3.77	3.88

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

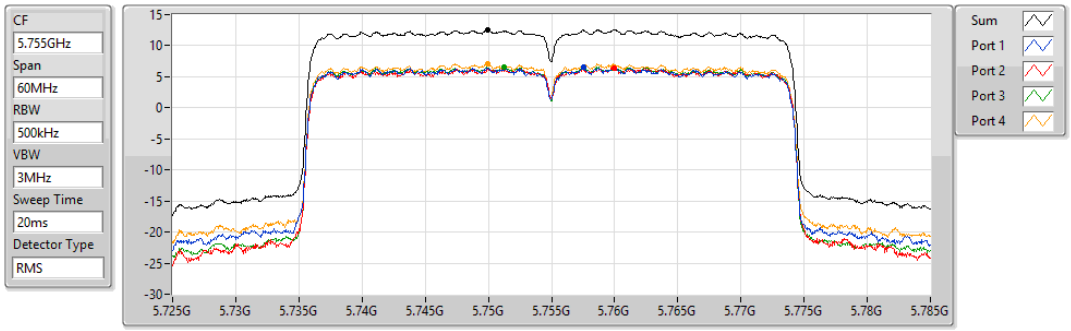
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.79	13.79	7.47	7.69	7.92	8.39

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

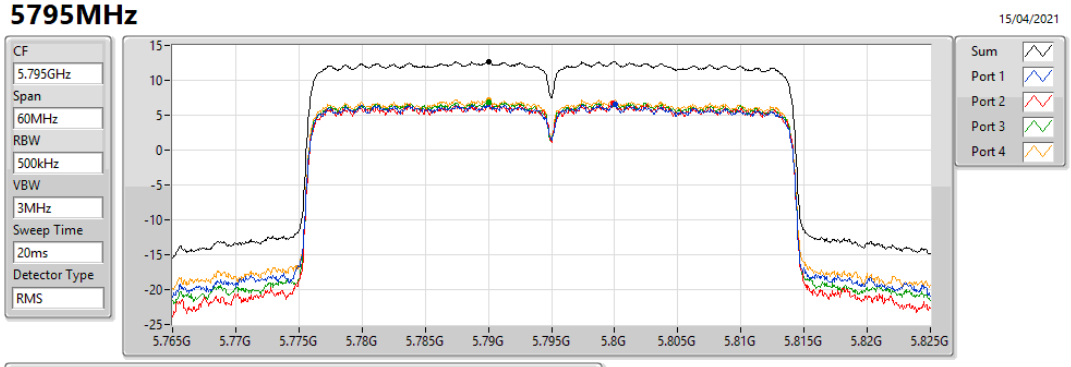
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.59	12.59	6.59	6.46	6.54	7.17

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

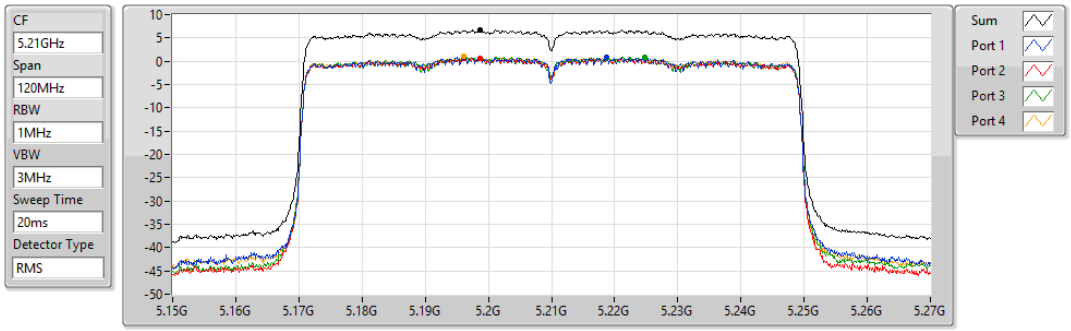
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.72	12.72	6.63	6.78	6.85	7.26

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

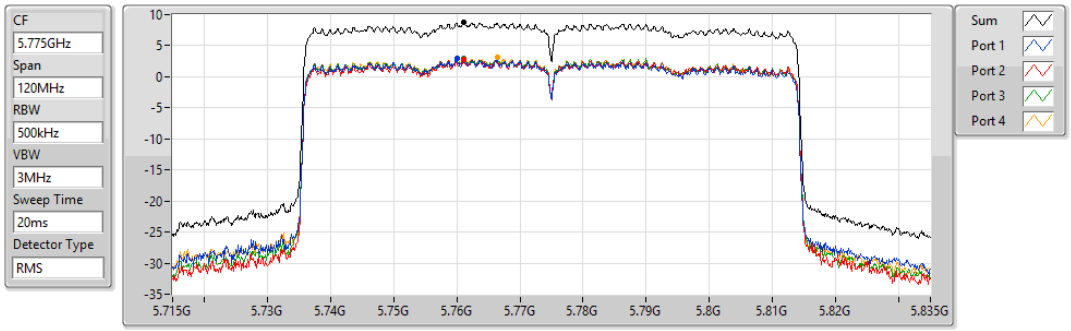
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	0.75	0.58	0.90	0.98

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	2.90	2.77	3.04	3.12

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.62
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.85
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.26
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.35
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.36
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.22

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

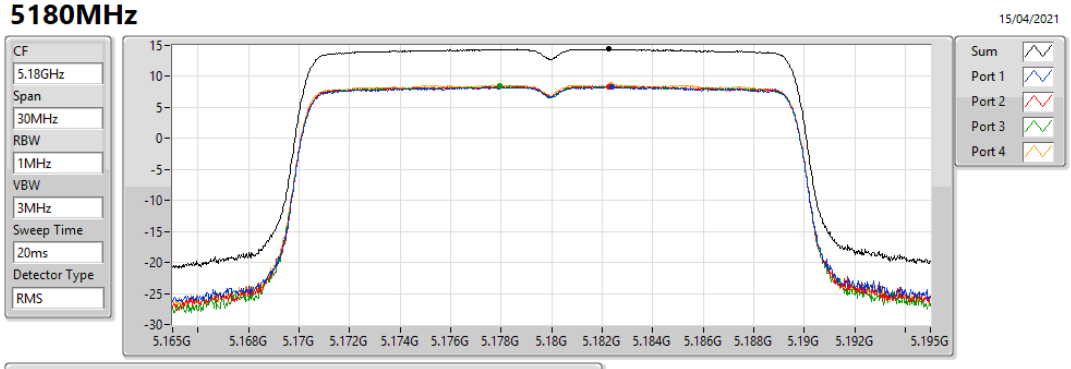
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.18	8.38	8.36	8.45	8.66	14.40	17.00
5200MHz	Pass	5.18	10.54	10.59	10.75	10.90	16.60	17.00
5240MHz	Pass	5.18	10.50	10.63	10.60	11.07	16.62	17.00
5745MHz	Pass	5.58	8.83	8.97	9.44	9.81	15.22	30.00
5785MHz	Pass	5.58	8.96	9.07	9.50	9.82	15.35	30.00
5825MHz	Pass	5.58	9.00	7.81	9.59	9.65	15.03	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.18	4.12	3.18	4.28	4.43	9.95	17.00
5230MHz	Pass	5.18	7.60	7.66	8.11	8.14	13.85	17.00
5755MHz	Pass	5.58	6.07	6.56	6.36	6.74	12.36	30.00
5795MHz	Pass	5.58	5.91	6.08	6.29	6.66	12.18	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.18	-0.36	-1.31	-0.48	-0.43	5.26	17.00
5775MHz	Pass	5.58	3.22	3.01	3.19	3.73	9.22	30.00

DG = Directional Gain; **RBW** = 500 kHz 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-BF_Nss1,(MCS0)_4TX PSD

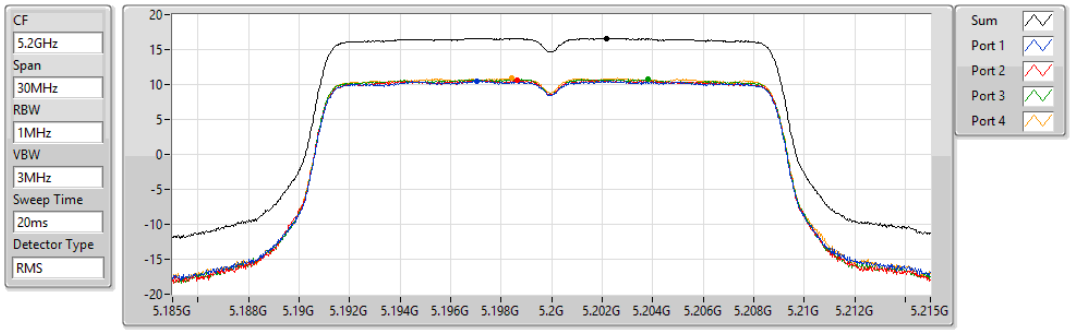
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.40	14.40	8.38	8.36	8.45	8.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

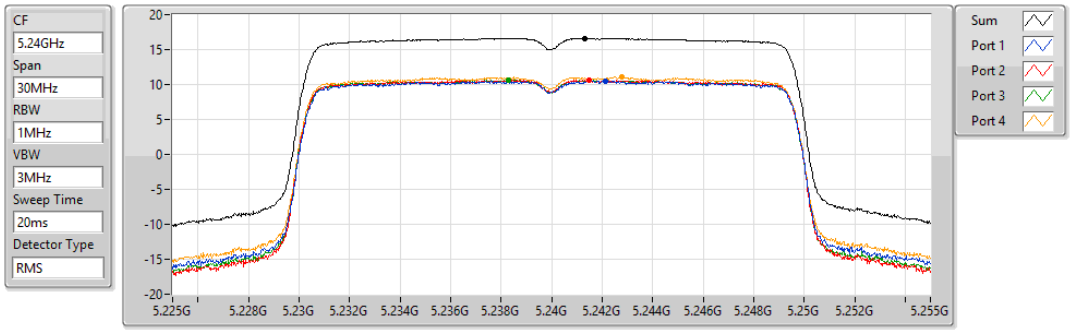
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.60	16.60	10.54	10.59	10.75	10.90

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

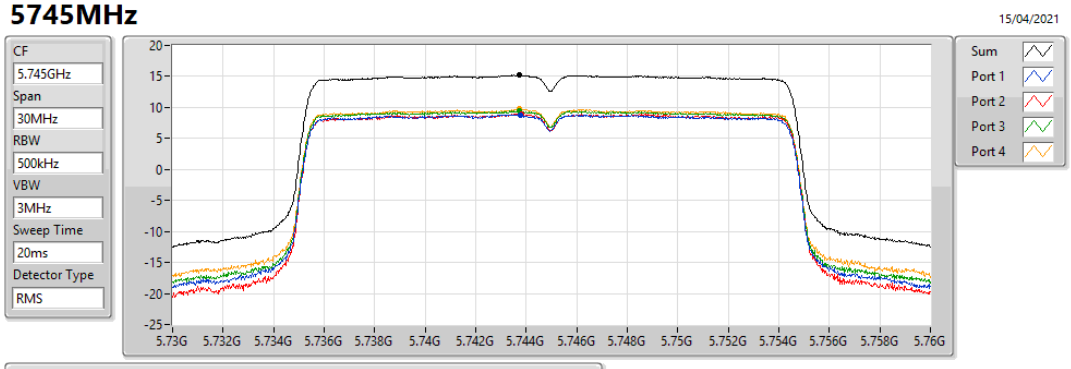
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.62	16.62	10.50	10.63	10.60	11.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

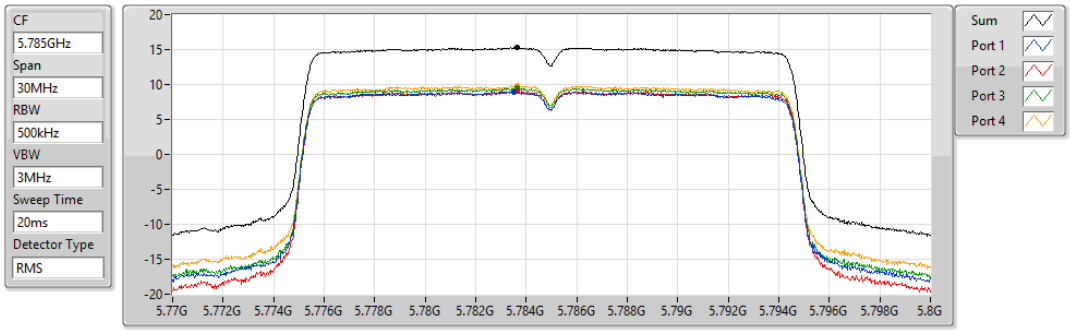
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.22	15.22	8.83	8.97	9.44	9.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

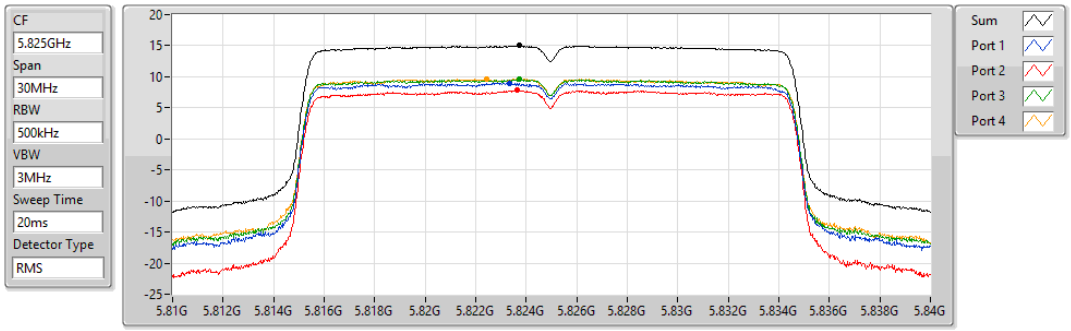
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.35	15.35	8.96	9.07	9.50	9.82

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

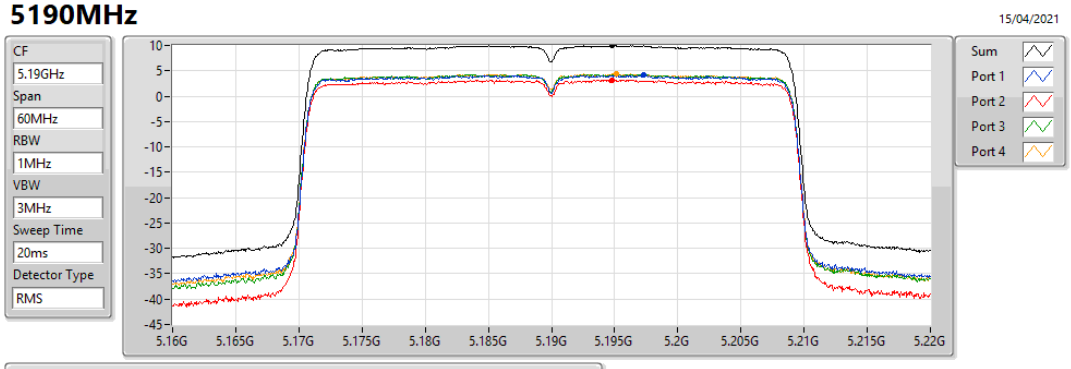
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.03	15.03	9.00	7.81	9.59	9.65

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

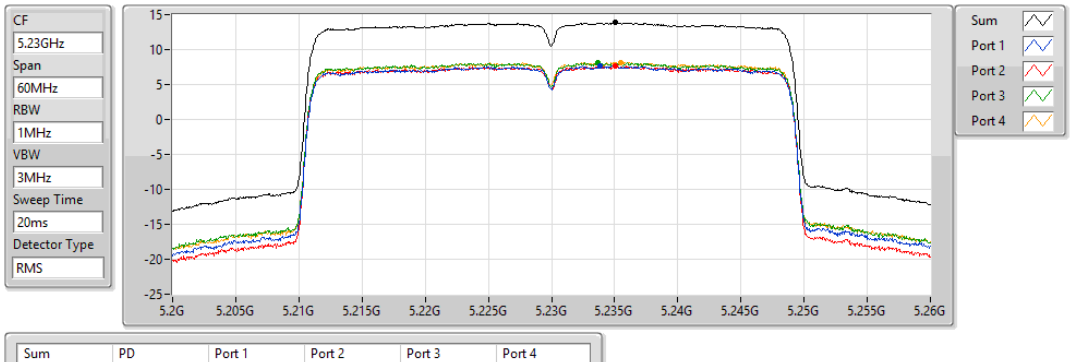
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	4.12	3.18	4.28	4.43

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

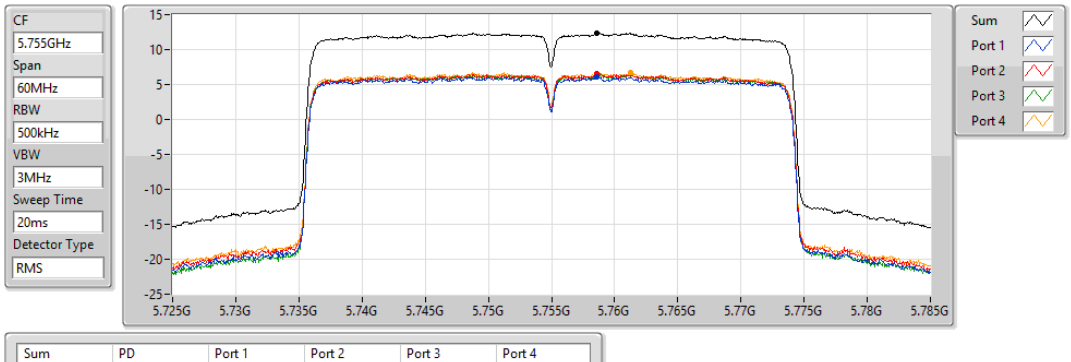
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.85	13.85	7.60	7.66	8.11	8.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

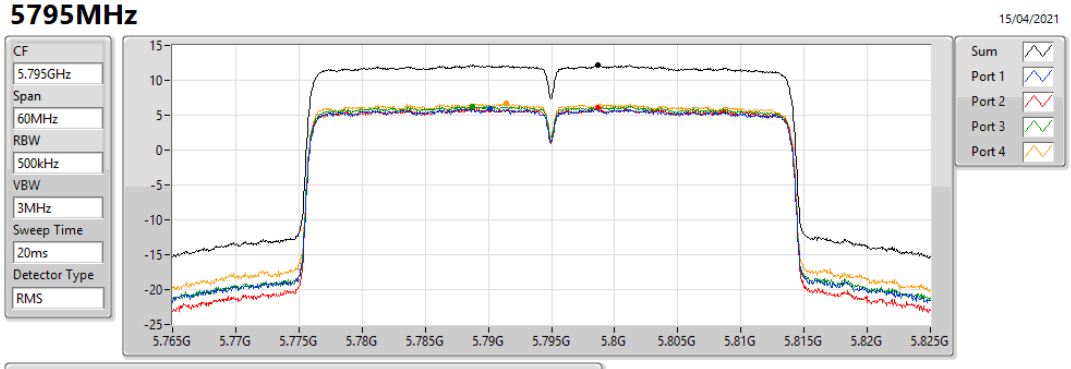
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.36	12.36	6.07	6.56	6.36	6.74

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

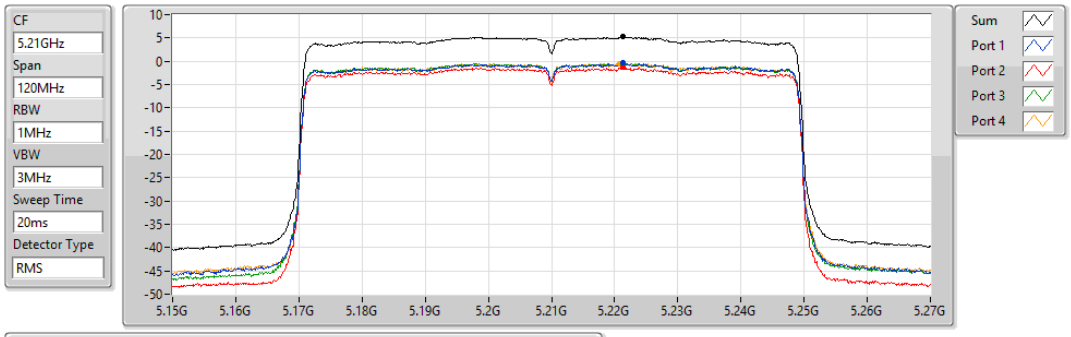
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.18	12.18	5.91	6.08	6.29	6.66

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

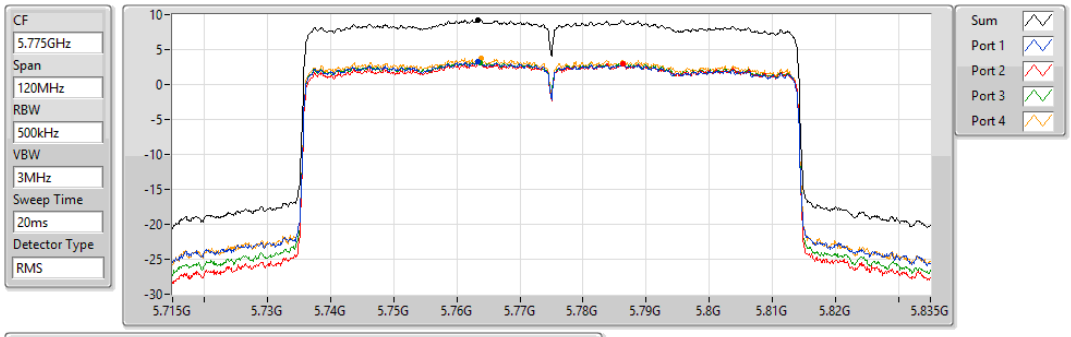
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	-0.36	-1.31	-0.48	-0.43

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5775MHz



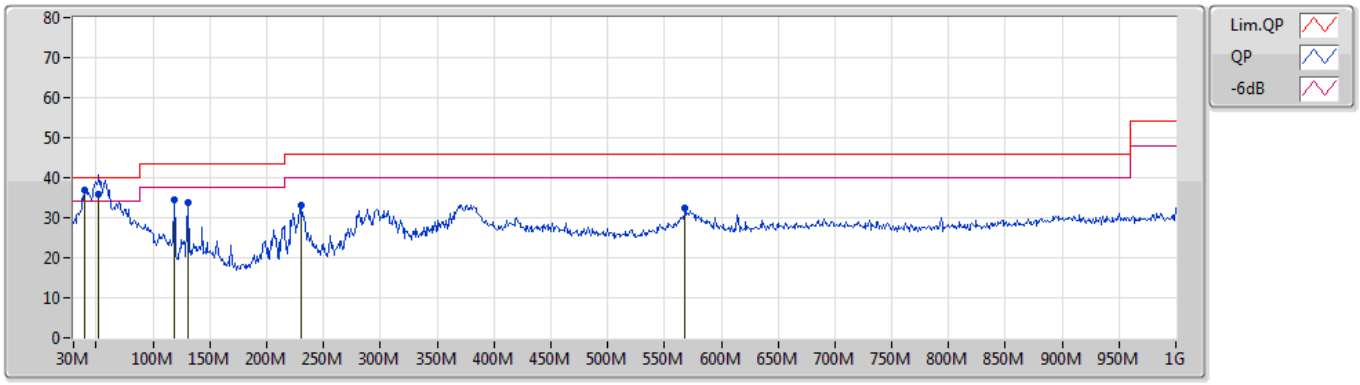
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.22	9.22	3.22	3.01	3.19	3.73

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	39.7M	36.76	40.00	-3.24	Vertical

Mode 2

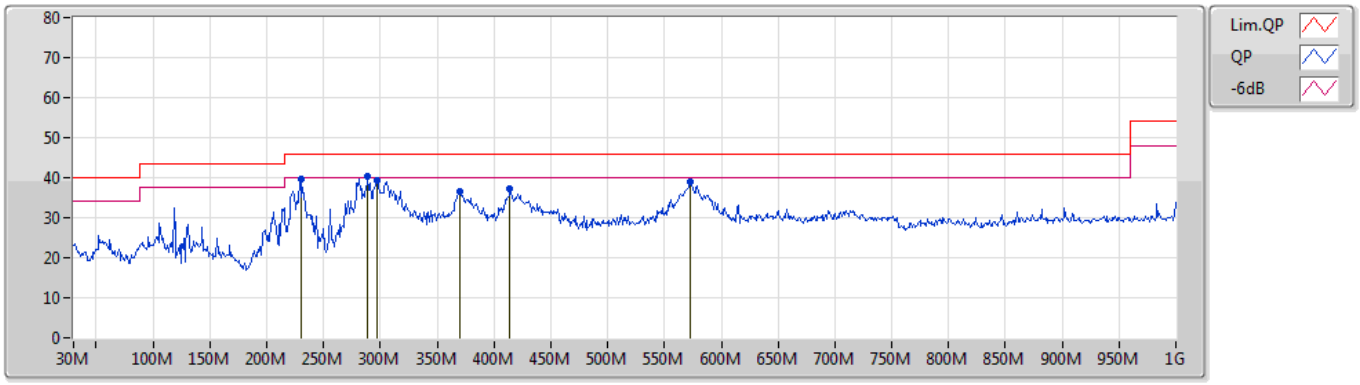
26/05/2021



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	36.76	40.00	-3.24	-12.17	3	Vertical	356	1.00	"Worst"	48.93	18.90	0.59	31.66
QP	52.31M	35.80	40.00	-4.20	-17.88	3	Vertical	76	1.00	-	53.68	13.25	0.65	31.78
PK	118.27M	34.60	43.50	-8.90	-12.60	3	Vertical	66	1.00	-	47.20	18.05	1.28	31.93
PK	130.88M	33.93	43.50	-9.57	-12.99	3	Vertical	43	1.00	-	46.92	17.66	1.30	31.95
PK	230.79M	33.26	46.00	-12.74	-14.25	3	Vertical	0	1.00	-	47.51	15.93	1.82	32.00
PK	568.35M	32.38	46.00	-13.62	-5.10	3	Vertical	26	2.00	-	37.48	24.31	3.07	32.48

Mode 2

26/05/2021



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	230.79M	39.61	46.00	-6.39	-14.25	3	Horizontal	112	1.50	-	53.86	15.93	1.82	32.00
PK	288.99M	40.31	46.00	-5.69	-11.16	3	Horizontal	213	1.00	"Worst"	51.47	18.77	2.13	32.06
PK	296.75M	39.38	46.00	-6.62	-11.01	3	Horizontal	208	1.00	-	50.39	18.89	2.18	32.08
PK	370.47M	36.64	46.00	-9.36	-8.96	3	Horizontal	141	1.00	-	45.60	20.70	2.48	32.14
PK	414.12M	37.10	46.00	-8.90	-7.28	3	Horizontal	0	1.00	-	44.38	22.31	2.63	32.22
PK	573.2M	39.09	46.00	-6.91	-5.08	3	Horizontal	74	1.50	-	44.17	24.31	3.09	32.48

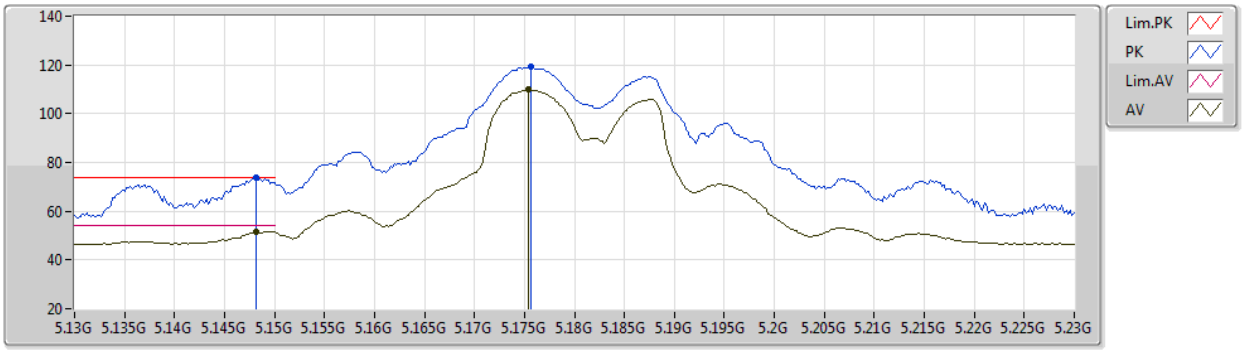
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.1492G	73.97	74.00	-0.03	3	Vertical	106	2.86	-

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5180MHz_TX



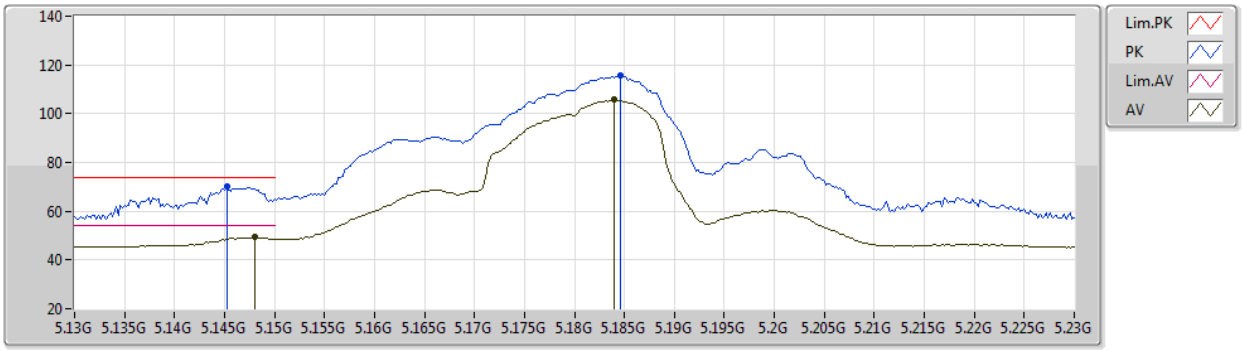
EUT Z_4TX
Setting 85
02-B-E-2-10

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	5.1482G	73.87	74.00	-0.13	67.10	3	Vertical	345	2.25	-	33.50	5.00	31.73
AV	5.1482G	51.49	54.00	-2.51	44.72	3	Vertical	345	2.25	-	33.50	5.00	31.73
PK	5.1756G	119.10	Inf	-Inf	112.26	3	Vertical	345	2.25	-	33.50	5.05	31.71
AV	5.1754G	109.83	Inf	-Inf	102.99	3	Vertical	345	2.25	-	33.50	5.05	31.71

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5180MHz_TX



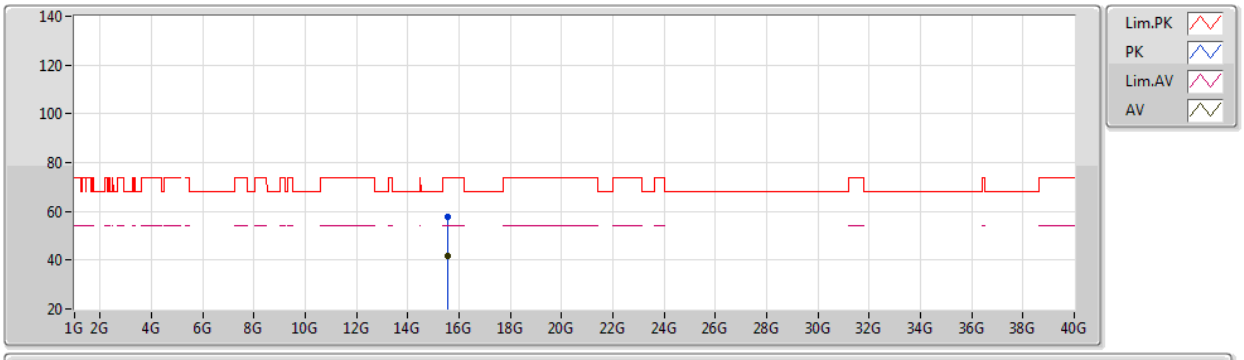
EUT Z_4TX
Setting 85
02-B-E-2-10

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	5.1452G	69.96	74.00	-4.04	63.21	3	Horizontal	345	2.70	-	33.49	4.99	31.73
AV	5.148G	49.29	54.00	-4.71	42.52	3	Horizontal	345	2.70	-	33.50	5.00	31.73
PK	5.1846G	115.54	Inf	-Inf	108.67	3	Horizontal	345	2.70	-	33.50	5.07	31.70
AV	5.184G	105.87	Inf	-Inf	99.00	3	Horizontal	345	2.70	-	33.50	5.07	31.70

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5180MHz_TX



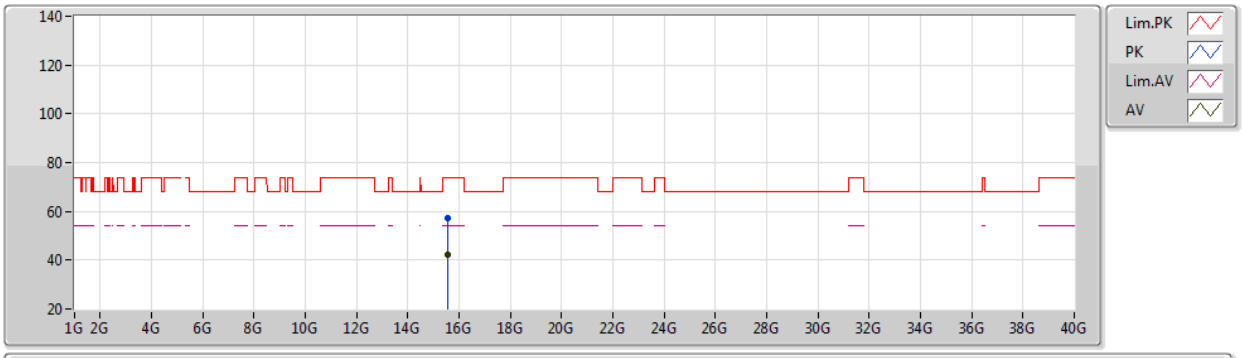
EUT Z_4TX
Setting 85
02-B-E-2

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	15.5412G	57.83	74.00	-16.17	43.99	3	Vertical	32	2.13	-	37.64	9.04	32.84
AV	15.5398G	41.81	54.00	-12.19	27.97	3	Vertical	32	2.13	-	37.64	9.04	32.84

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5180MHz_TX



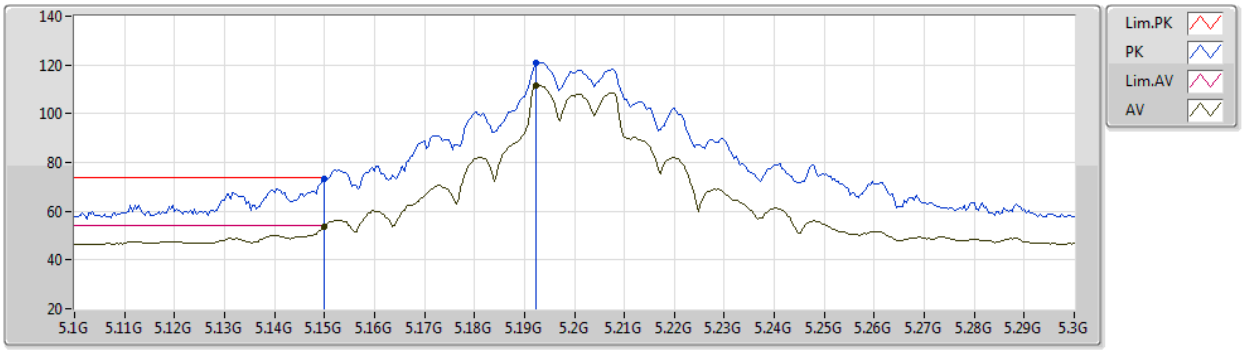
EUT Z_4TX
Setting 85
02-B-E-2

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	15.5414G	57.43	74.00	-16.57	43.60	3	Horizontal	37	2.13	-	37.63	9.04	32.84
AV	15.5372G	42.03	54.00	-11.97	28.18	3	Horizontal	37	2.13	-	37.65	9.04	32.84

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5200MHz_TX



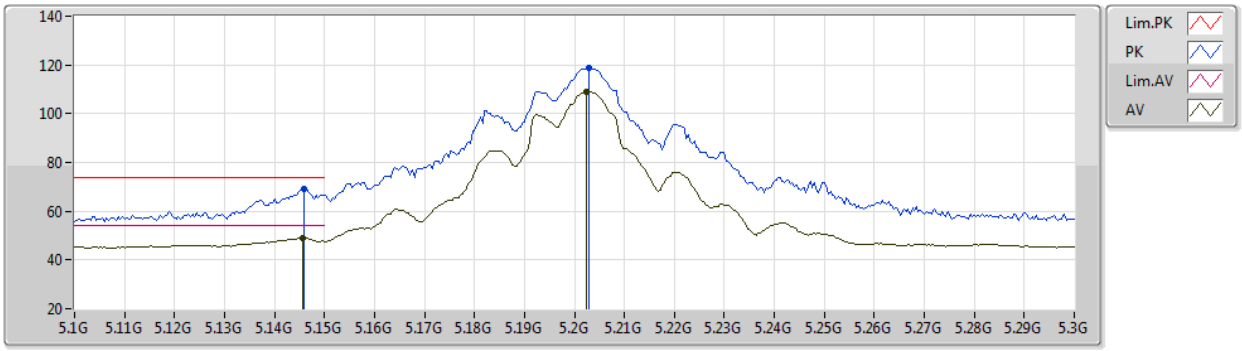
EUT Z_4TX
Setting 100
02-B-E-2-10

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	73.44	74.00	-0.56	66.67	3	Vertical	0	2.25	-	33.50	5.00	31.73
AV	5.15G	53.68	54.00	-0.32	46.91	3	Vertical	0	2.25	-	33.50	5.00	31.73
PK	5.1924G	120.99	Inf	-Inf	114.11	3	Vertical	0	2.25	-	33.50	5.08	31.70
AV	5.1924G	111.80	Inf	-Inf	104.92	3	Vertical	0	2.25	-	33.50	5.08	31.70

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5200MHz_TX



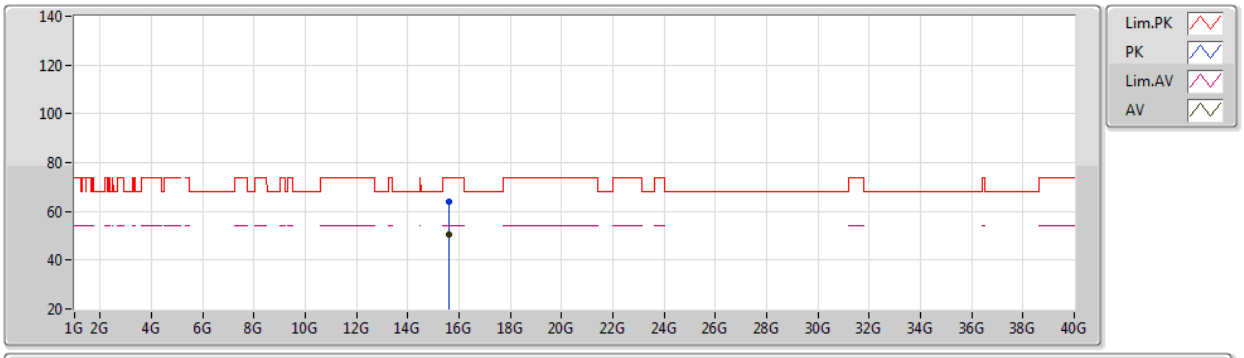
EUT Z_4TX
Setting 100
02-B-E-2-10

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	5.146G	69.11	74.00	-4.89	62.36	3	Horizontal	349	2.22	-	33.49	4.99	31.73
AV	5.1456G	48.91	54.00	-5.09	42.16	3	Horizontal	349	2.22	-	33.49	4.99	31.73
PK	5.2028G	118.81	Inf	-Inf	111.89	3	Horizontal	349	2.22	-	33.51	5.10	31.69
AV	5.2024G	109.17	Inf	-Inf	102.26	3	Horizontal	349	2.22	-	33.50	5.10	31.69

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

29/03/2021



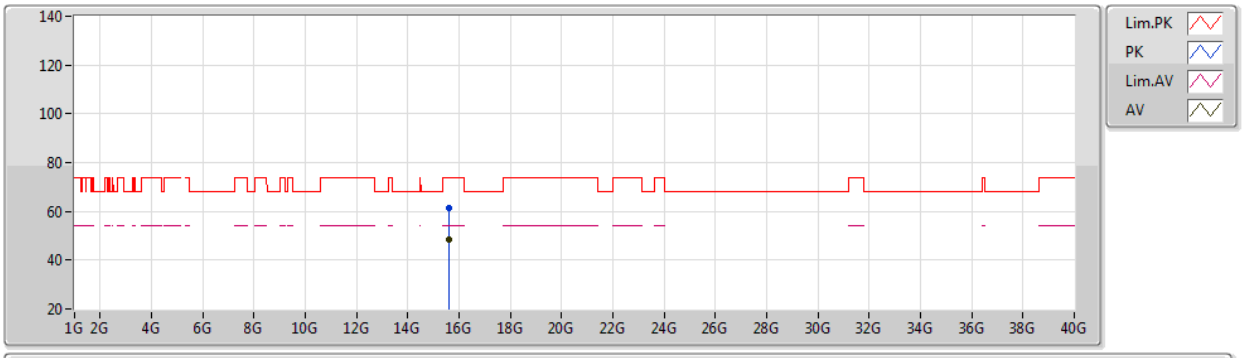
EUT Z_4TX
Setting 100
02-B-E-2

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	15.6036G	64.04	74.00	-9.96	50.43	3	Vertical	243	2.87	-	37.40	9.06	32.85
AV	15.6024G	50.54	54.00	-3.46	36.93	3	Vertical	243	2.87	-	37.40	9.06	32.85

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

29/03/2021



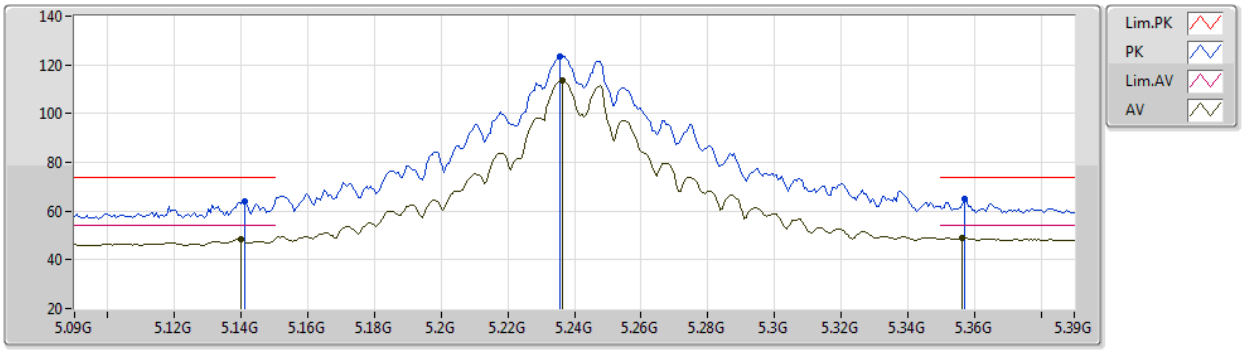
EUT Z_4TX
Setting 100
02-B-E-2

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	15.5992G	61.42	74.00	-12.58	47.81	3	Horizontal	34	2.58	-	37.40	9.06	32.85
AV	15.6012G	48.63	54.00	-5.37	35.02	3	Horizontal	34	2.58	-	37.40	9.06	32.85

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

29/03/2021



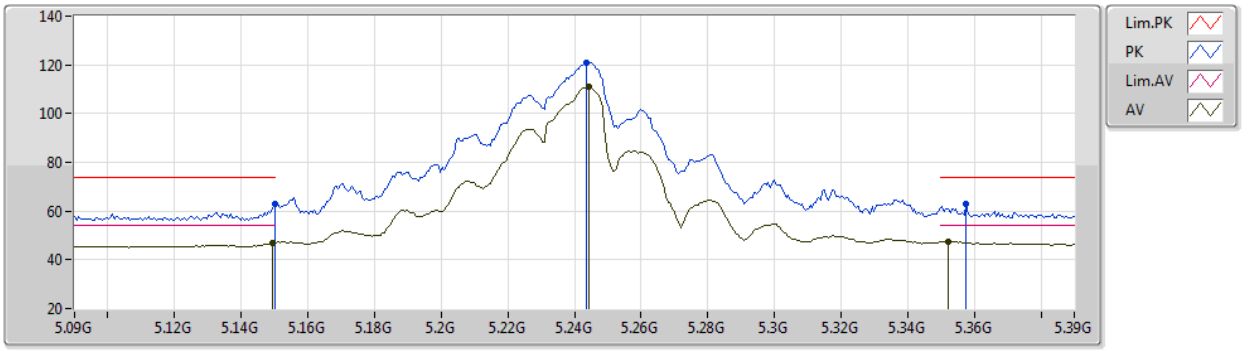
EUT Z_4TX
Setting 108
02-B-E-2-10

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	5.141G	64.13	74.00	-9.87	57.41	3	Vertical	21	2.66	-	33.48	4.98	31.74
AV	5.1398G	48.51	54.00	-5.49	41.79	3	Vertical	21	2.66	-	33.48	4.98	31.74
PK	5.2358G	123.70	Inf	-Inf	116.72	3	Vertical	21	2.66	-	33.57	5.08	31.67
AV	5.2364G	113.39	Inf	-Inf	106.41	3	Vertical	21	2.66	-	33.57	5.08	31.67
PK	5.357G	64.88	74.00	-9.12	57.64	3	Vertical	21	2.66	-	33.80	5.02	31.58
AV	5.3564G	49.01	54.00	-4.99	41.77	3	Vertical	21	2.66	-	33.80	5.02	31.58

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

29/03/2021



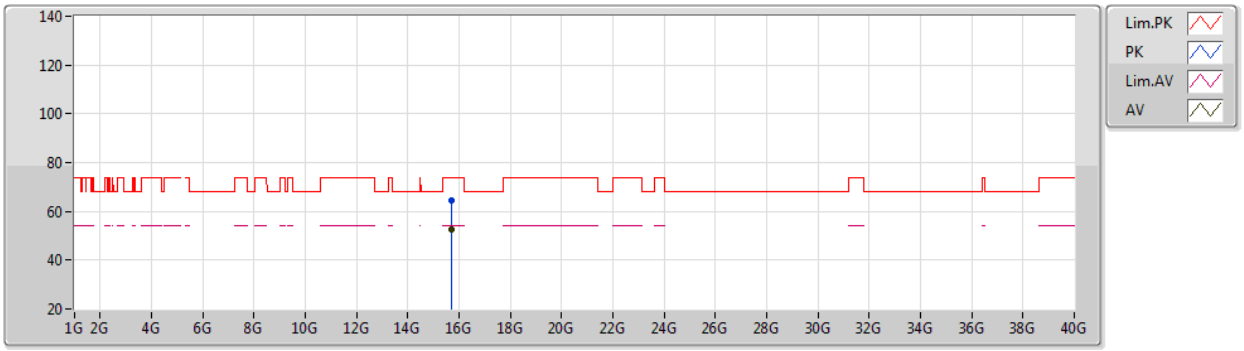
EUT Z_4TX
Setting 108
02-B-E-2-10

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	63.02	74.00	-10.98	56.25	3	Horizontal	346	2.77	-	33.50	5.00	31.73
AV	5.1494G	47.02	54.00	-6.98	40.25	3	Horizontal	346	2.77	-	33.50	5.00	31.73
PK	5.2436G	120.99	Inf	-Inf	113.98	3	Horizontal	346	2.77	-	33.59	5.08	31.66
AV	5.2442G	110.87	Inf	-Inf	103.86	3	Horizontal	346	2.77	-	33.59	5.08	31.66
PK	5.3576G	62.72	74.00	-11.28	55.48	3	Horizontal	346	2.77	-	33.80	5.02	31.58
AV	5.3522G	47.34	54.00	-6.66	40.10	3	Horizontal	346	2.77	-	33.80	5.02	31.58

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5240MHz_TX



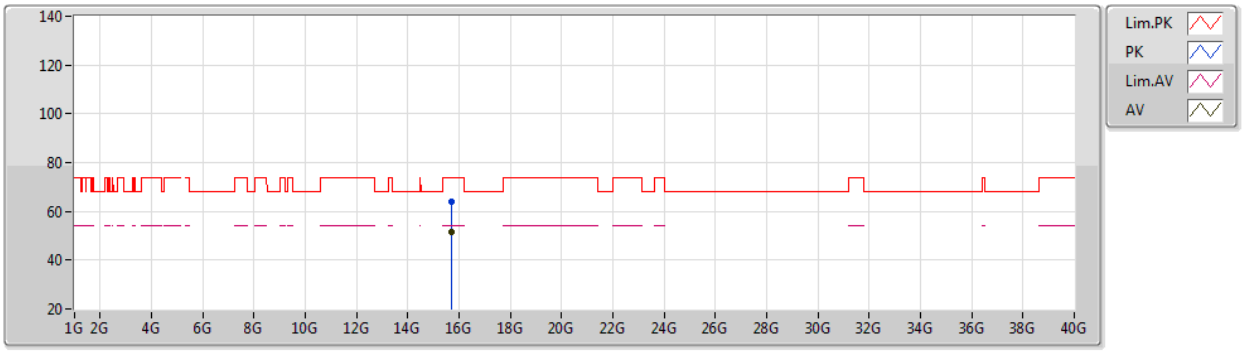
EUT Z_4TX
Setting 108
02-B-E-2

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	15.7208G	64.38	74.00	-9.62	50.68	3	Vertical	9	1.80	-	37.46	9.10	32.86
AV	15.7204G	52.62	54.00	-1.38	38.92	3	Vertical	9	1.80	-	37.46	9.10	32.86

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

29/03/2021



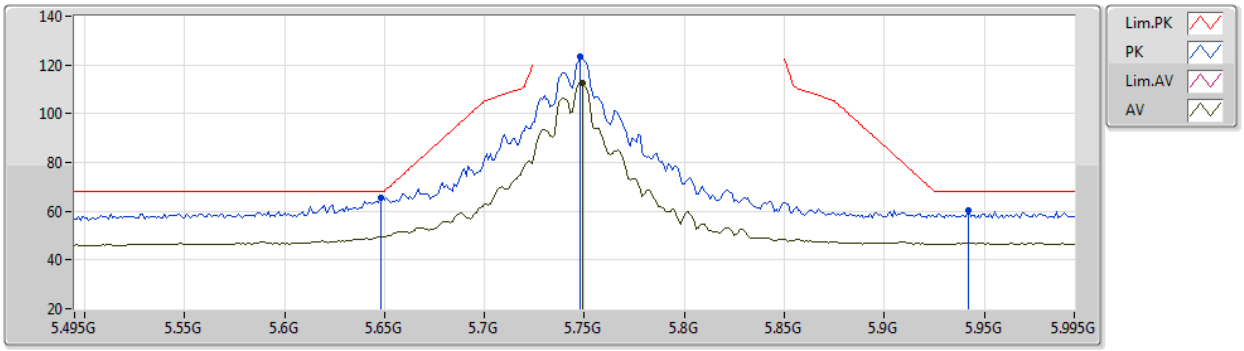
EUT Z_4TX
Setting 108
02-B-E-2

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	15.7216G	64.06	74.00	-9.94	50.36	3	Horizontal	44	2.13	-	37.46	9.10	32.86
AV	15.7218G	51.53	54.00	-2.47	37.83	3	Horizontal	44	2.13	-	37.46	9.10	32.86

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5745MHz_TX



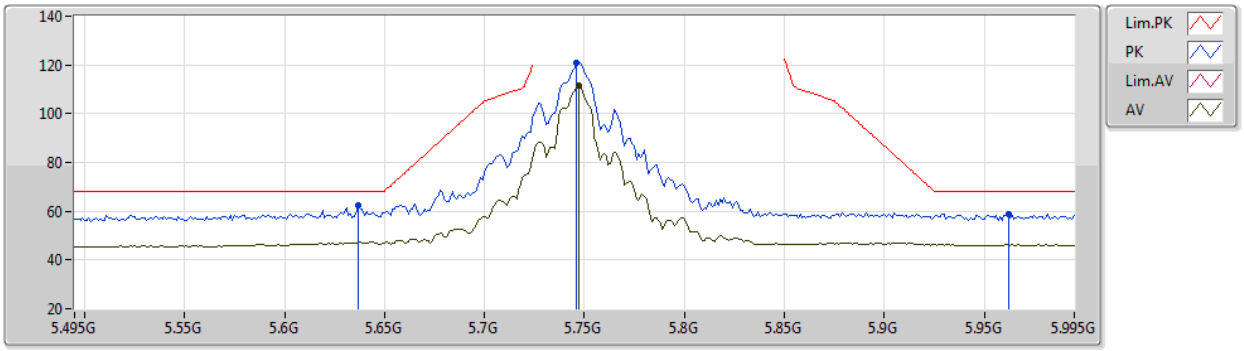
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.648G	65.34	68.20	-2.86	57.75	3	Vertical	0	1.37	-	33.90	5.15	31.46
PK	5.748G	123.34	Inf	-Inf	115.95	3	Vertical	0	1.37	-	33.80	5.05	31.46
AV	5.749G	112.64	Inf	-Inf	105.25	3	Vertical	0	1.37	-	33.80	5.05	31.46
PK	5.942G	60.17	68.20	-8.03	52.09	3	Vertical	0	1.37	-	34.10	5.43	31.45

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5745MHz_TX



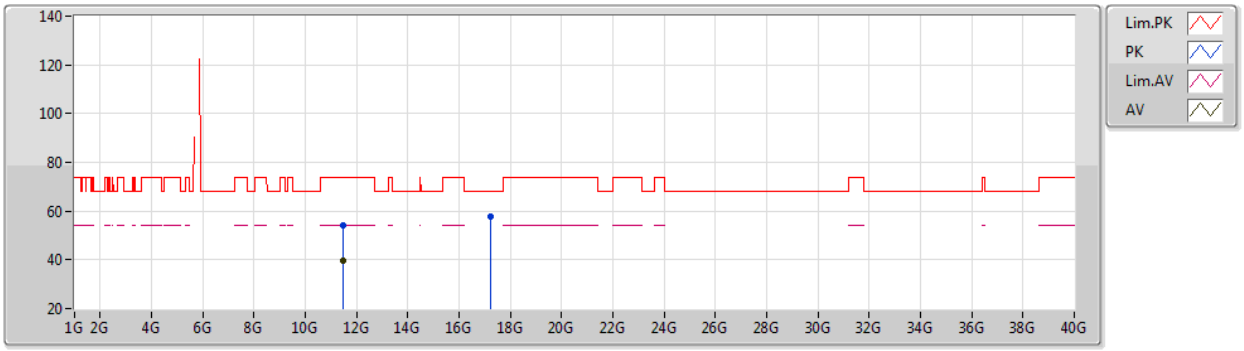
EUT Z_4TX
Setting 108
02-B-R-5-10

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	62.19	68.20	-6.01	54.59	3	Horizontal	15	2.80	-	33.90	5.16	31.46
PK	5.746G	120.93	Inf	-Inf	113.54	3	Horizontal	15	2.80	-	33.80	5.05	31.46
AV	5.747G	111.40	Inf	-Inf	104.01	3	Horizontal	15	2.80	-	33.80	5.05	31.46
PK	5.962G	58.84	68.20	-9.36	50.68	3	Horizontal	15	2.80	-	34.12	5.49	31.45

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5745MHz_TX



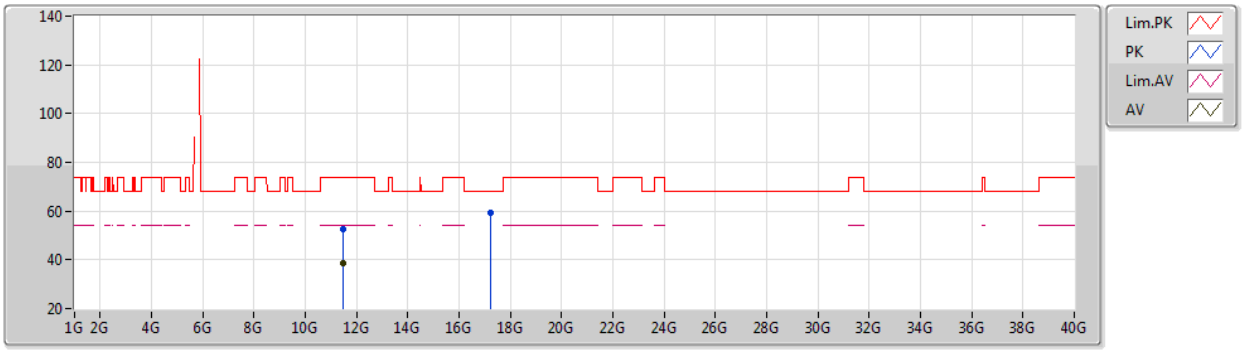
EUT Z_4TX
Setting 108
02-B-R-5

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	11.4857G	54.30	74.00	-19.70	40.64	3	Vertical	266	1.85	-	38.97	7.62	32.93
AV	11.4865G	39.69	54.00	-14.31	26.03	3	Vertical	266	1.85	-	38.97	7.62	32.93
PK	17.2129G	57.79	68.20	-10.41	39.15	3	Vertical	309	2.15	-	42.25	9.32	32.93

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

29/03/2021



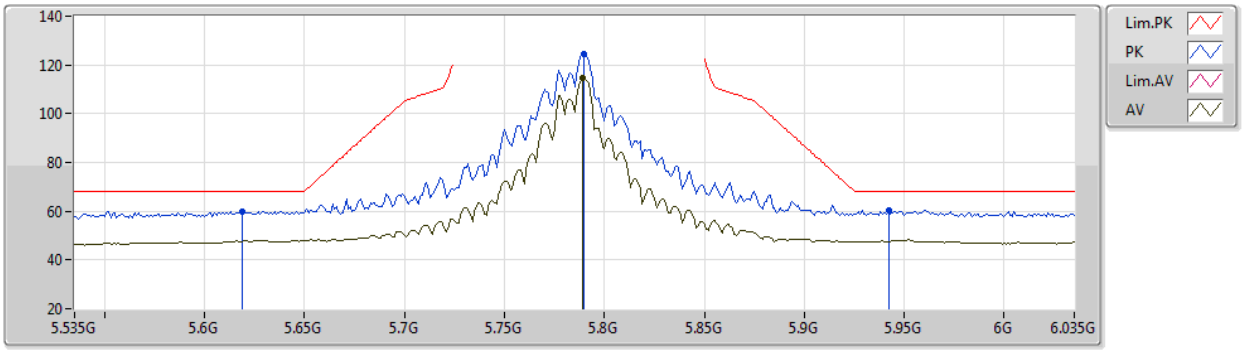
EUT Z_4TX
Setting 108
02-B-R-5

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	11.48466G	52.39	74.00	-21.61	38.72	3	Horizontal	316	1.80	-	38.97	7.62	32.92
AV	11.48244G	38.79	54.00	-15.21	25.13	3	Horizontal	316	1.80	-	38.96	7.62	32.92
PK	17.2311G	59.49	68.20	-8.71	40.78	3	Horizontal	16	2.40	-	42.32	9.32	32.93

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5785MHz_TX



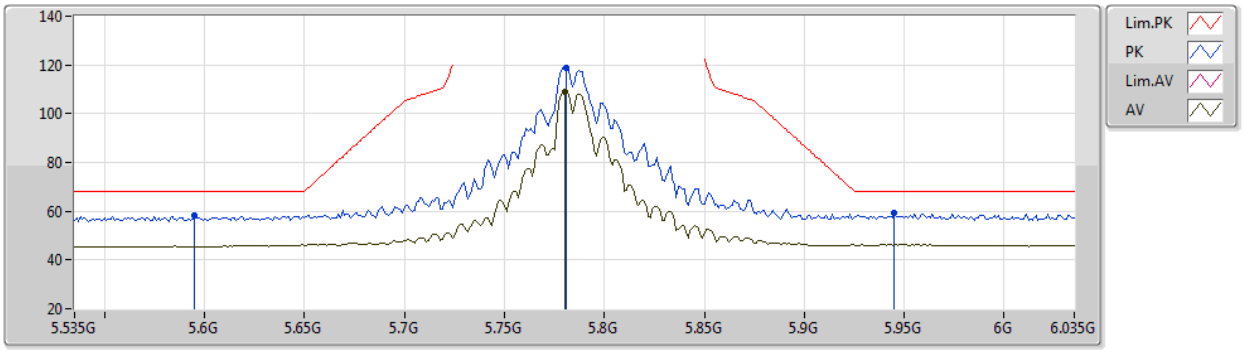
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.619G	60.06	68.20	-8.14	52.45	3	Vertical	80	1.01	-	33.90	5.18	31.47
PK	5.79G	124.73	Inf	-Inf	117.38	3	Vertical	80	1.01	-	33.80	5.01	31.46
AV	5.789G	114.50	Inf	-Inf	107.15	3	Vertical	80	1.01	-	33.80	5.01	31.46
PK	5.942G	60.28	68.20	-7.92	52.20	3	Vertical	80	1.01	-	34.10	5.43	31.45

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5785MHz_TX



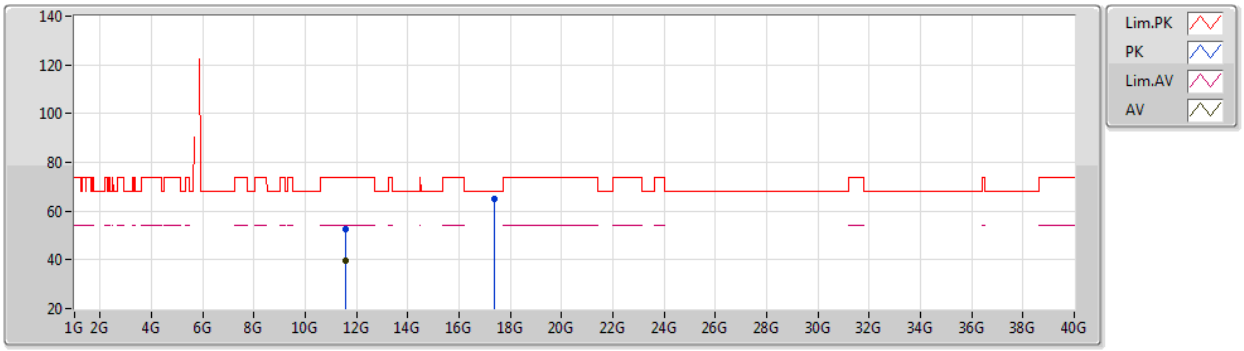
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.595G	58.10	68.20	-10.10	50.47	3	Horizontal	42	1.12	-	33.90	5.20	31.47
PK	5.781G	119.04	Inf	-Inf	111.68	3	Horizontal	42	1.12	-	33.80	5.02	31.46
AV	5.78G	109.22	Inf	-Inf	101.86	3	Horizontal	42	1.12	-	33.80	5.02	31.46
PK	5.945G	59.28	68.20	-8.92	51.19	3	Horizontal	42	1.12	-	34.10	5.44	31.45

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5785MHz_TX



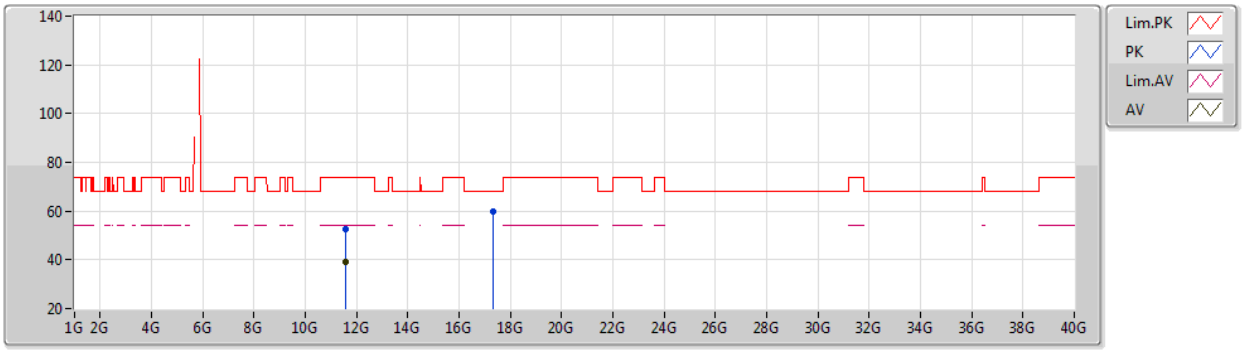
EUT Z_4TX
Setting 108
02-B-R-5

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	11.5724G	52.71	74.00	-21.29	38.77	3	Vertical	103	1.87	-	39.22	7.65	32.93
AV	11.57048G	39.44	54.00	-14.56	25.51	3	Vertical	103	1.87	-	39.21	7.65	32.93
PK	17.35596G	64.81	68.20	-3.39	45.34	3	Vertical	53	2.34	-	43.05	9.34	32.92

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5785MHz_TX



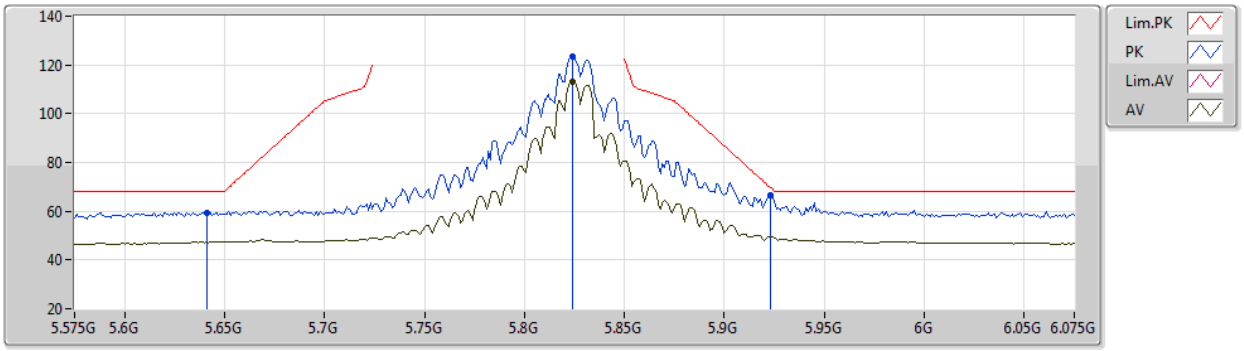
EUT Z_4TX
Setting 108
02-B-R-5

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	11.58002G	52.50	74.00	-21.50	38.54	3	Horizontal	132	2.72	-	39.24	7.65	32.93
AV	11.5787G	38.99	54.00	-15.01	25.03	3	Horizontal	132	2.72	-	39.24	7.65	32.93
PK	17.3499G	59.88	68.20	-8.32	40.47	3	Horizontal	15	2.37	-	43.00	9.33	32.92

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5825MHz_TX



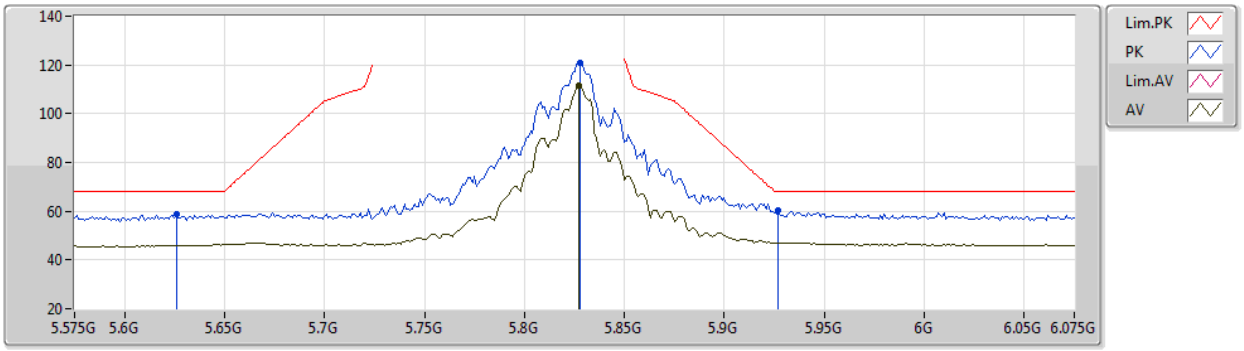
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.641G	59.53	68.20	-8.67	51.93	3	Vertical	97	1.27	-	33.90	5.16	31.46
PK	5.824G	123.57	Inf	-Inf	116.11	3	Vertical	97	1.27	-	33.85	5.07	31.46
AV	5.824G	113.33	Inf	-Inf	105.87	3	Vertical	97	1.27	-	33.85	5.07	31.46
PK	5.923G	66.52	69.68	-3.16	58.50	3	Vertical	97	1.27	-	34.10	5.37	31.45

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5825MHz_TX



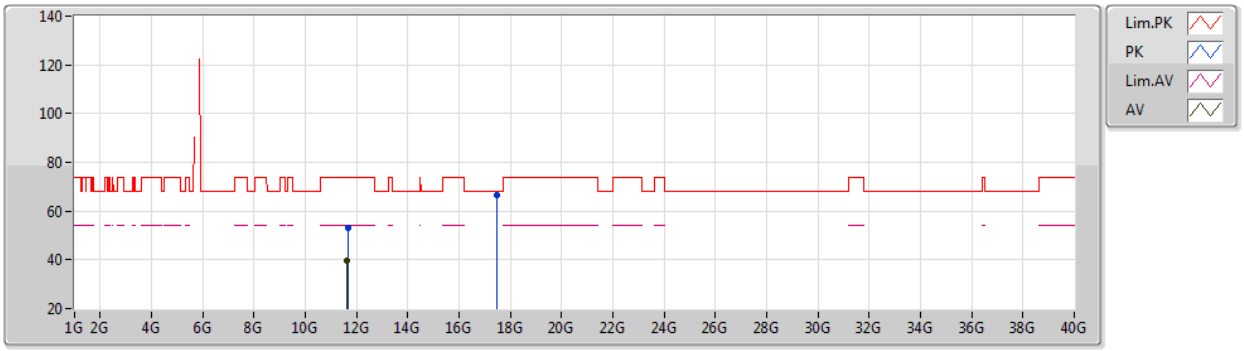
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.626G	58.75	68.20	-9.45	51.14	3	Horizontal	15	2.74	-	33.90	5.17	31.46
PK	5.828G	120.85	Inf	-Inf	113.37	3	Horizontal	15	2.74	-	33.86	5.08	31.46
AV	5.827G	111.37	Inf	-Inf	103.90	3	Horizontal	15	2.74	-	33.85	5.08	31.46
PK	5.927G	60.54	68.20	-7.66	52.51	3	Horizontal	15	2.74	-	34.10	5.38	31.45

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5825MHz_TX



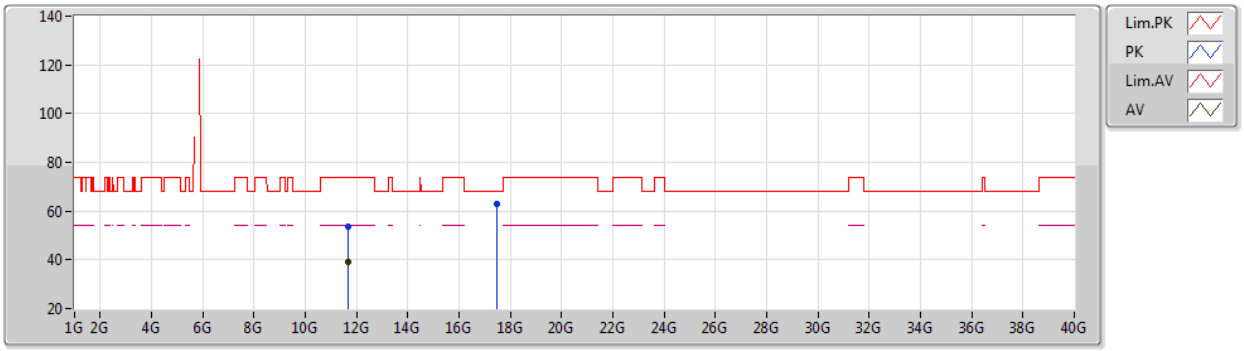
EUT Z_4TX
Setting 108
02-B-R-5

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	11.65996G	53.07	74.00	-20.93	38.90	3	Vertical	0	2.39	-	39.42	7.68	32.93
AV	11.6413G	39.57	54.00	-14.43	25.45	3	Vertical	0	2.39	-	39.38	7.67	32.93
PK	17.47914G	66.46	68.20	-1.74	46.06	3	Vertical	93	1.98	-	43.95	9.35	32.90

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5825MHz_TX



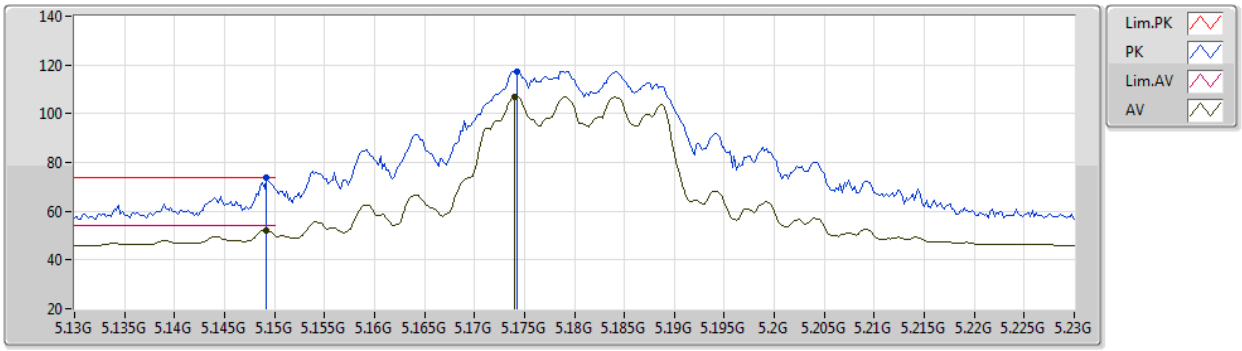
EUT Z_4TX
Setting 108
02-B-R-5

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	11.6533G	53.47	74.00	-20.53	39.31	3	Horizontal	344	1.80	-	39.41	7.68	32.93
AV	11.66416G	39.31	54.00	-14.69	25.13	3	Horizontal	344	1.80	-	39.43	7.68	32.93
PK	17.48292G	63.17	68.20	-5.03	42.74	3	Horizontal	5	1.97	-	43.98	9.35	32.90

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5180MHz_TX



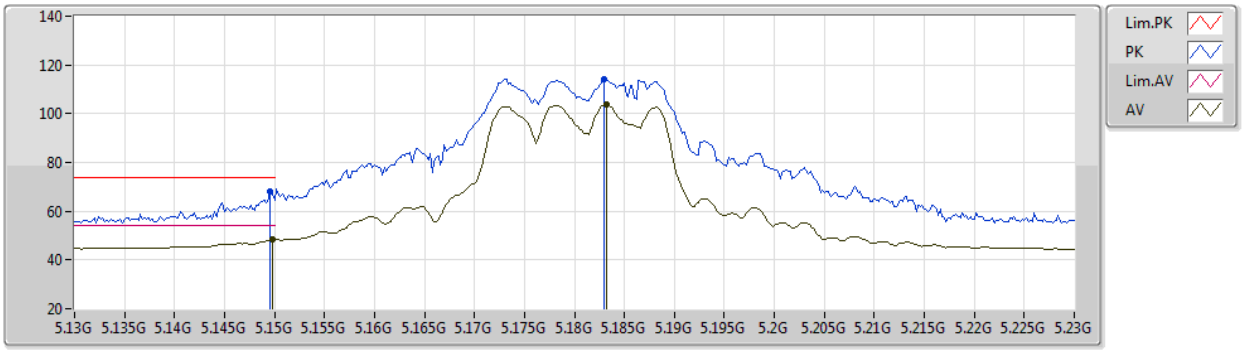
EUT Z_4TX
Setting 82
02-B-R-5-10

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	73.88	74.00	-0.12	67.11	3	Vertical	350	2.29	-	33.50	5.00	31.73
AV	5.1492G	52.31	54.00	-1.69	45.54	3	Vertical	350	2.29	-	33.50	5.00	31.73
PK	5.1742G	117.47	Inf	-Inf	110.63	3	Vertical	350	2.29	-	33.50	5.05	31.71
AV	5.174G	106.96	Inf	-Inf	100.12	3	Vertical	350	2.29	-	33.50	5.05	31.71

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5180MHz_TX



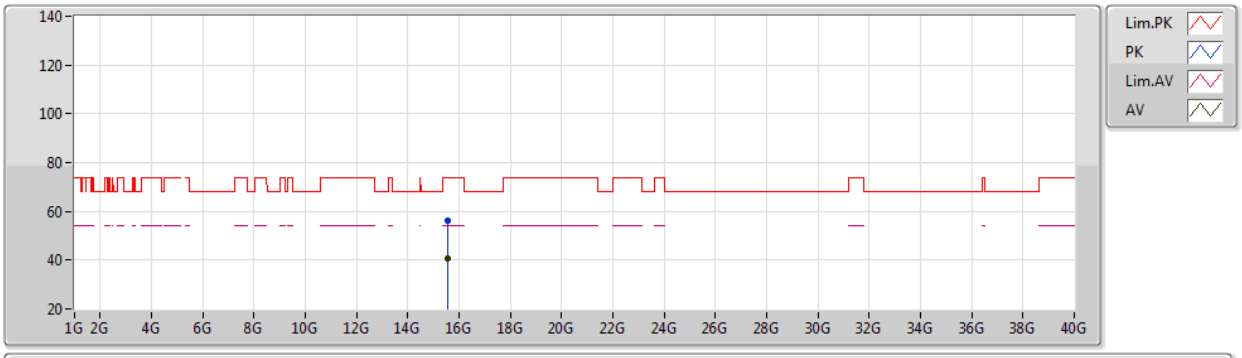
EUT Z_4TX
Setting 82
02-B-R-5-10

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	5.1496G	68.31	74.00	-5.69	61.54	3	Horizontal	345	2.96	-	33.50	5.00	31.73
AV	5.1498G	48.46	54.00	-5.54	41.69	3	Horizontal	345	2.96	-	33.50	5.00	31.73
PK	5.183G	114.24	Inf	-Inf	107.37	3	Horizontal	345	2.96	-	33.50	5.07	31.70
AV	5.1832G	103.59	Inf	-Inf	96.72	3	Horizontal	345	2.96	-	33.50	5.07	31.70

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5180MHz_TX



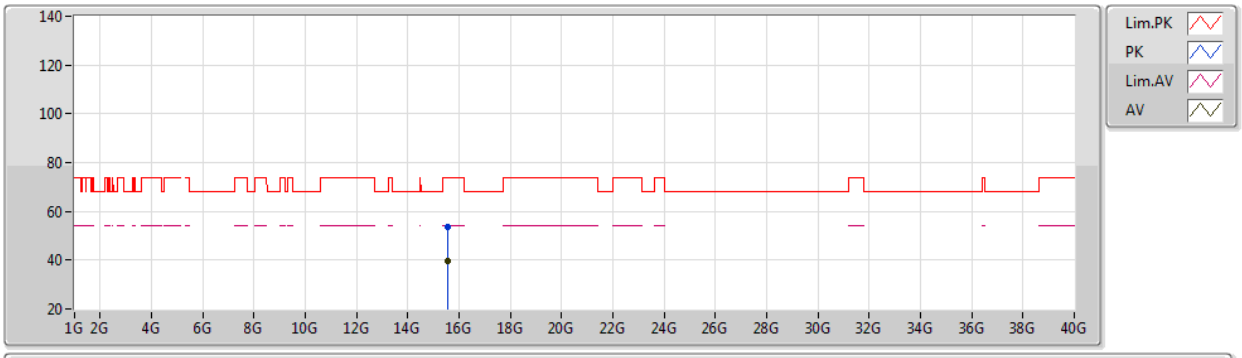
EUT Z_4TX
Setting 82
02-B-E-2

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	15.5432G	56.15	74.00	-17.85	42.32	3	Vertical	78	2.08	-	37.63	9.04	32.84
AV	15.5418G	40.82	54.00	-13.18	26.99	3	Vertical	78	2.08	-	37.63	9.04	32.84

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5180MHz_TX



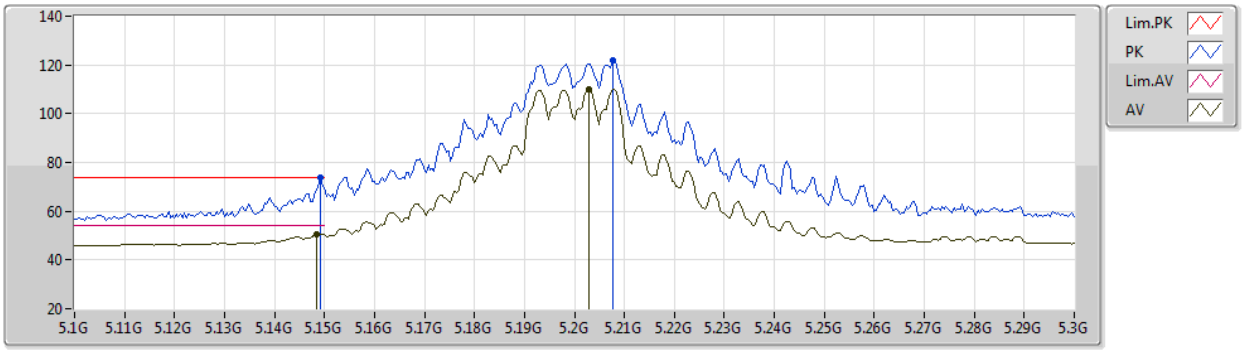
EUT Z_4TX
Setting 82
02-B-E-2

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	15.5416G	53.61	74.00	-20.39	39.78	3	Horizontal	318	1.98	-	37.63	9.04	32.84
AV	15.5411G	39.66	54.00	-14.34	25.82	3	Horizontal	318	1.98	-	37.64	9.04	32.84

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5200MHz_TX



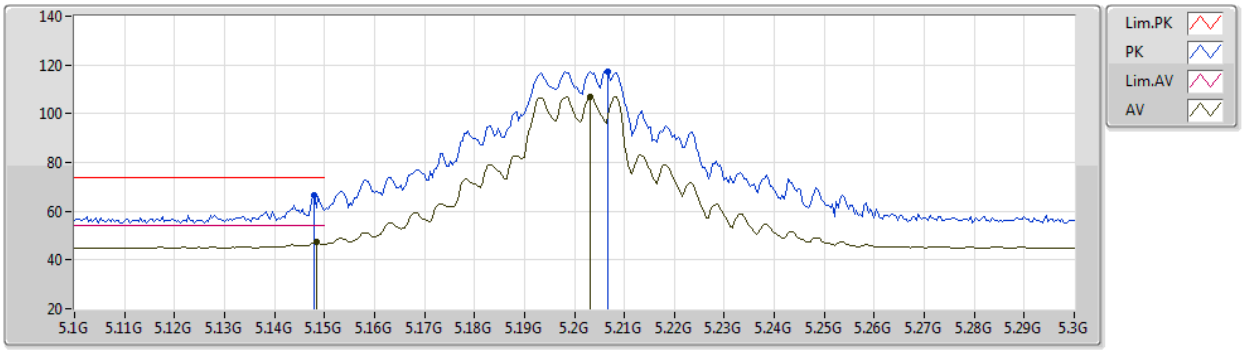
EUT Z_4TX
Setting 97
02-B-R-5-10

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	73.97	74.00	-0.03	67.20	3	Vertical	106	2.86	-	33.50	5.00	31.73
AV	5.1484G	50.65	54.00	-3.35	43.88	3	Vertical	106	2.86	-	33.50	5.00	31.73
PK	5.2076G	121.85	Inf	-Inf	114.92	3	Vertical	106	2.86	-	33.52	5.10	31.69
AV	5.2028G	109.99	Inf	-Inf	103.07	3	Vertical	106	2.86	-	33.51	5.10	31.69

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5200MHz_TX



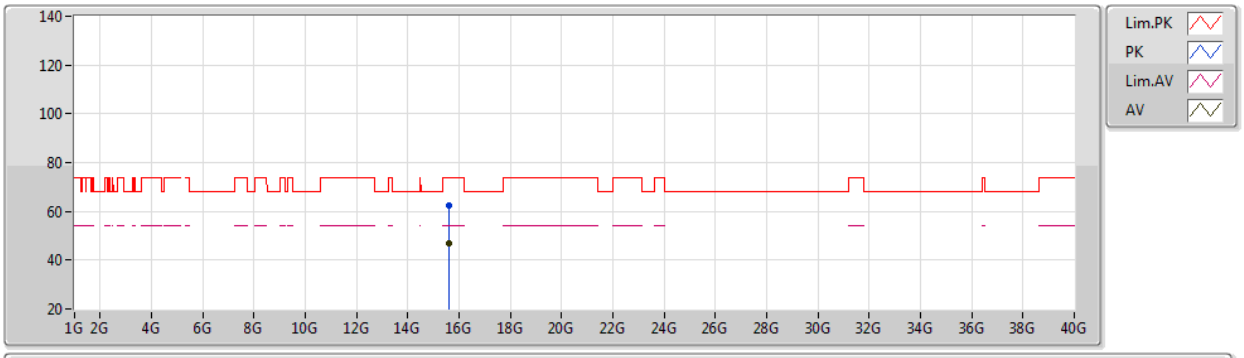
EUT Z_4TX
Setting 97
02-B-R-5-10

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	5.148G	66.63	74.00	-7.37	59.86	3	Horizontal	347	2.93	-	33.50	5.00	31.73
AV	5.1484G	47.19	54.00	-6.81	40.42	3	Horizontal	347	2.93	-	33.50	5.00	31.73
PK	5.2068G	117.39	Inf	-Inf	110.47	3	Horizontal	347	2.93	-	33.51	5.10	31.69
AV	5.2032G	106.86	Inf	-Inf	99.94	3	Horizontal	347	2.93	-	33.51	5.10	31.69

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

29/03/2021



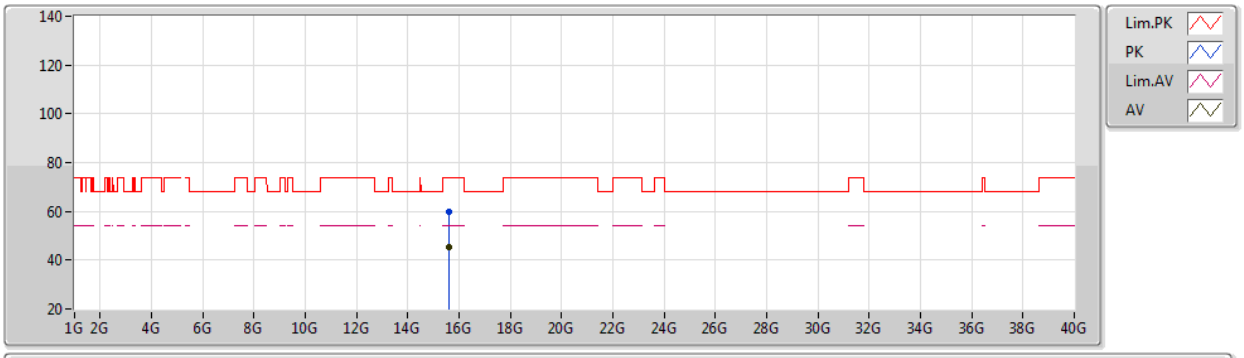
EUT Z_4TX
Setting 97
02-B-E-2

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	15.5911G	62.66	74.00	-11.34	49.01	3	Vertical	79	2.03	-	37.44	9.06	32.85
AV	15.6011G	47.13	54.00	-6.87	33.52	3	Vertical	79	2.03	-	37.40	9.06	32.85

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

29/03/2021



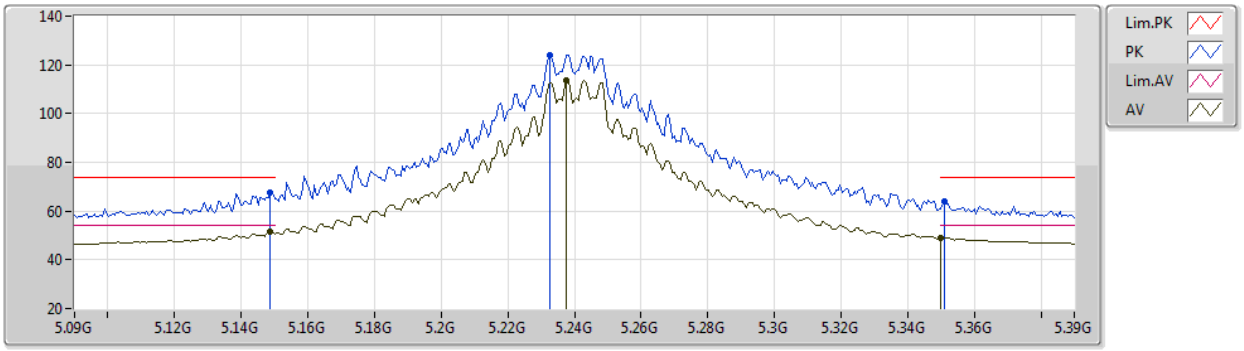
EUT Z_4TX
Setting 97
02-B-E-2

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	15.5996G	59.89	74.00	-14.11	46.28	3	Horizontal	37	2.13	-	37.40	9.06	32.85
AV	15.5998G	45.53	54.00	-8.47	31.92	3	Horizontal	37	2.13	-	37.40	9.06	32.85

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

29/03/2021



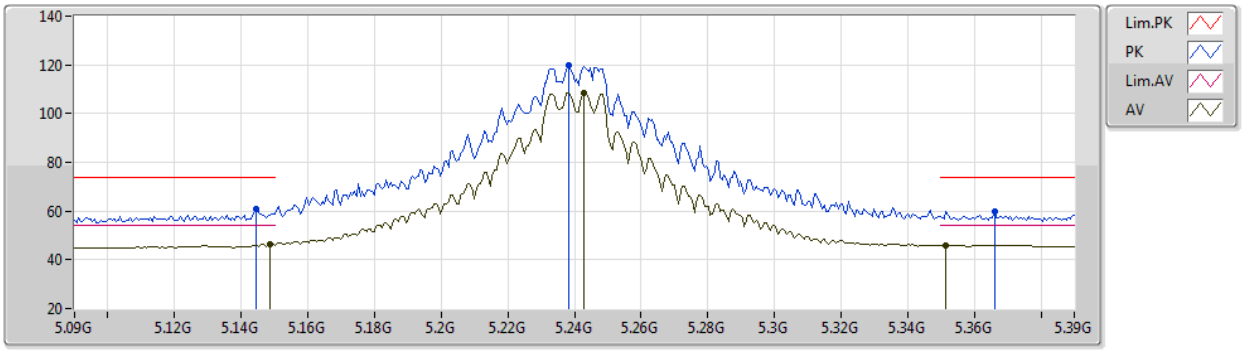
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.1488G	67.54	74.00	-6.46	60.77	3	Vertical	101	2.70	-	33.50	5.00	31.73
AV	5.1488G	51.68	54.00	-2.32	44.91	3	Vertical	101	2.70	-	33.50	5.00	31.73
PK	5.2328G	124.18	Inf	-Inf	117.20	3	Vertical	101	2.70	-	33.57	5.08	31.67
AV	5.2376G	113.43	Inf	-Inf	106.43	3	Vertical	101	2.70	-	33.58	5.08	31.66
PK	5.351G	64.20	74.00	-9.80	56.96	3	Vertical	101	2.70	-	33.80	5.02	31.58
AV	5.35G	49.06	54.00	-4.94	41.82	3	Vertical	101	2.70	-	33.80	5.02	31.58

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

29/03/2021



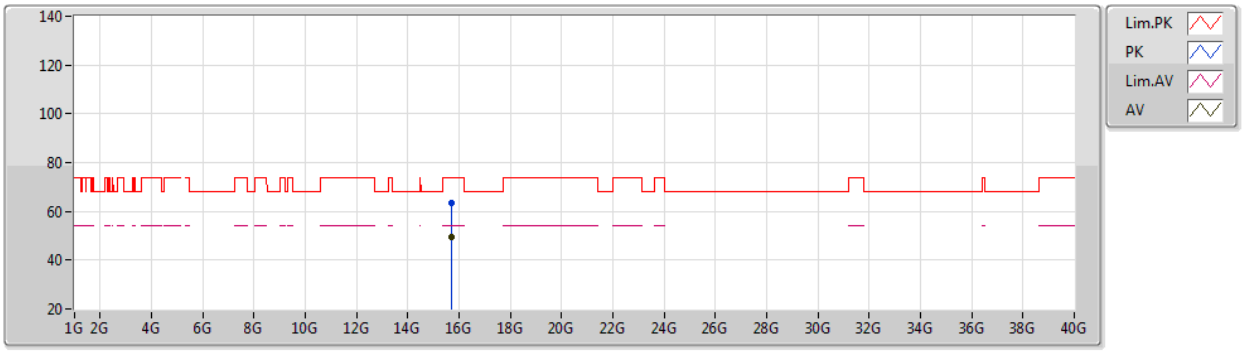
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.1446G	60.77	74.00	-13.23	54.02	3	Horizontal	347	2.90	-	33.49	4.99	31.73
AV	5.1488G	46.40	54.00	-7.60	39.63	3	Horizontal	347	2.90	-	33.50	5.00	31.73
PK	5.2382G	119.88	Inf	-Inf	112.88	3	Horizontal	347	2.90	-	33.58	5.08	31.66
AV	5.243G	108.69	Inf	-Inf	101.68	3	Horizontal	347	2.90	-	33.59	5.08	31.66
PK	5.366G	59.84	74.00	-14.16	52.59	3	Horizontal	347	2.90	-	33.80	5.02	31.57
AV	5.3516G	46.10	54.00	-7.90	38.86	3	Horizontal	347	2.90	-	33.80	5.02	31.58

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

29/03/2021



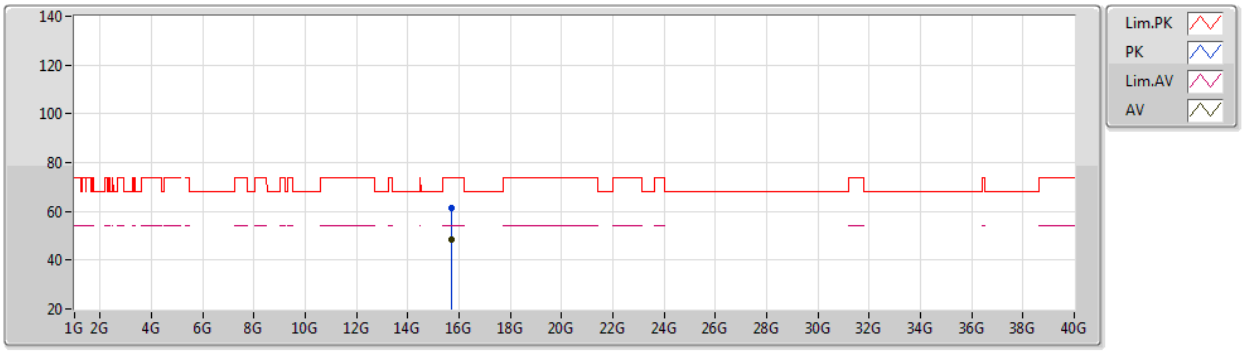
EUT Z_4TX
Setting 108
02-B-E-2

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	15.7222G	63.52	74.00	-10.48	49.82	3	Vertical	360	2.19	-	37.46	9.10	32.86
AV	15.7173G	49.66	54.00	-4.34	35.95	3	Vertical	360	2.19	-	37.47	9.10	32.86

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

29/03/2021



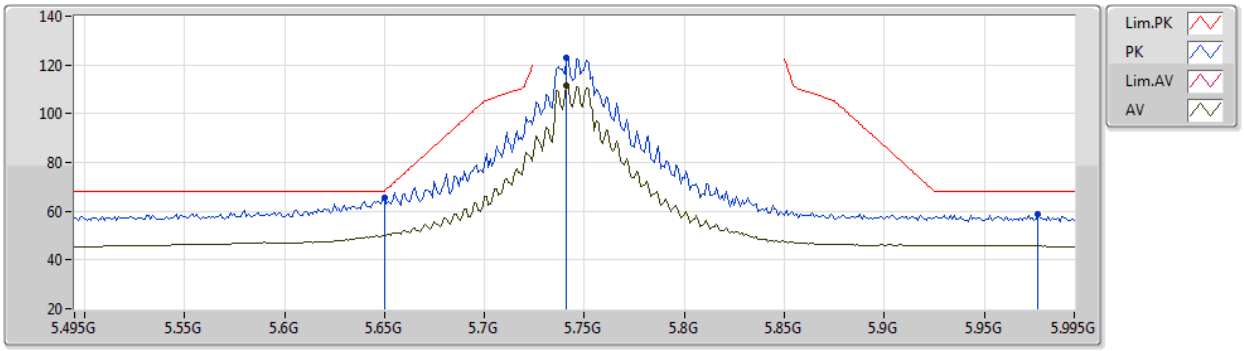
EUT Z_4TX
Setting 108
02-B-E-2

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	15.7209G	61.52	74.00	-12.48	47.82	3	Horizontal	43	2.10	-	37.46	9.10	32.86
AV	15.7204G	48.61	54.00	-5.39	34.91	3	Horizontal	43	2.10	-	37.46	9.10	32.86

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5745MHz_TX



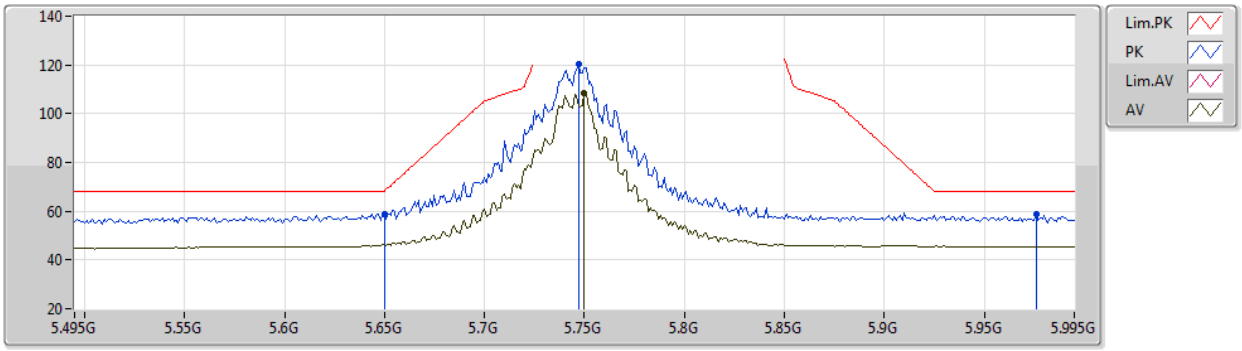
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.65G	65.45	68.20	-2.75	57.86	3	Vertical	339	2.18	-	33.90	5.15	31.46
PK	5.741G	122.70	Inf	-Inf	115.30	3	Vertical	339	2.18	-	33.80	5.06	31.46
AV	5.741G	111.30	Inf	-Inf	103.90	3	Vertical	339	2.18	-	33.80	5.06	31.46
PK	5.977G	58.73	68.20	-9.47	50.50	3	Vertical	339	2.18	-	34.15	5.53	31.45

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5745MHz_TX



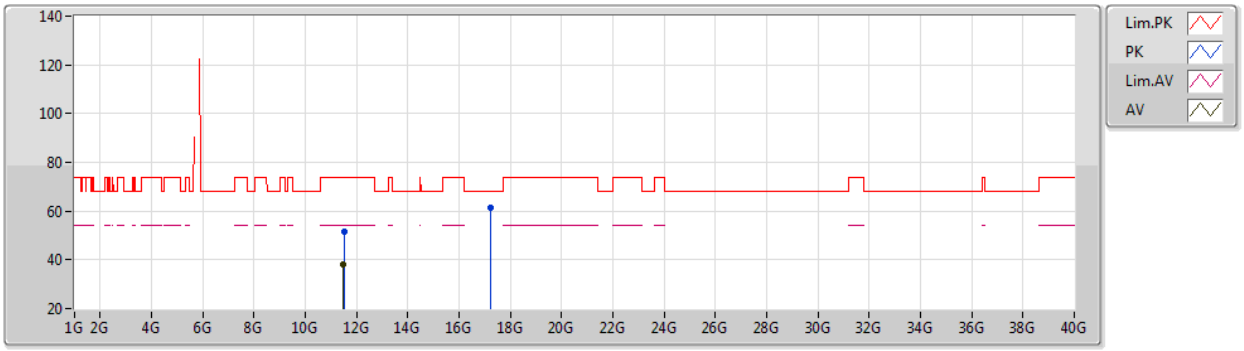
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.65G	58.93	68.20	-9.27	51.34	3	Horizontal	14	2.69	-	33.90	5.15	31.46
PK	5.747G	120.09	Inf	-Inf	112.70	3	Horizontal	14	2.69	-	33.80	5.05	31.46
AV	5.75G	108.58	Inf	-Inf	101.19	3	Horizontal	14	2.69	-	33.80	5.05	31.46
PK	5.976G	58.93	68.20	-9.27	50.70	3	Horizontal	14	2.69	-	34.15	5.53	31.45

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5745MHz_TX



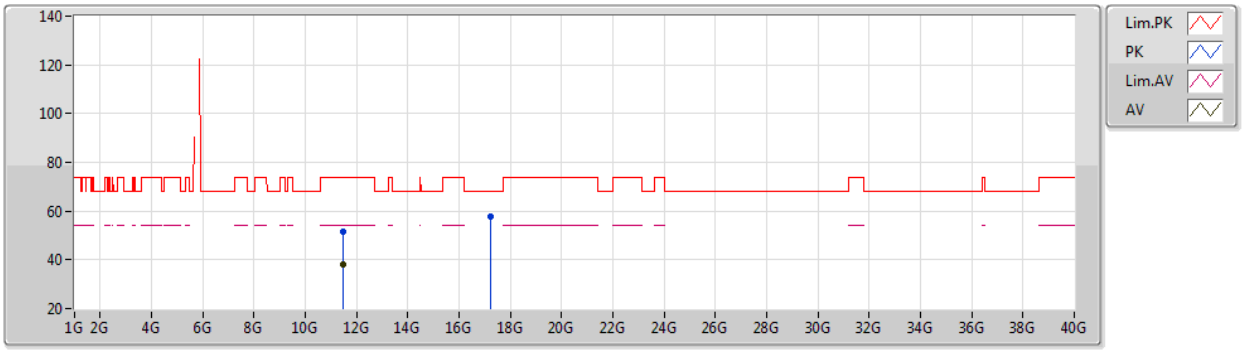
EUT Z_4TX
Setting 108
02-B-R-5

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	11.5037G	51.35	74.00	-22.65	37.64	3	Vertical	24	1.65	-	39.01	7.63	32.93
AV	11.4852G	38.04	54.00	-15.96	24.37	3	Vertical	24	1.65	-	38.97	7.62	32.92
PK	17.2287G	61.56	68.20	-6.64	42.86	3	Vertical	83	2.01	-	42.31	9.32	32.93

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5745MHz_TX



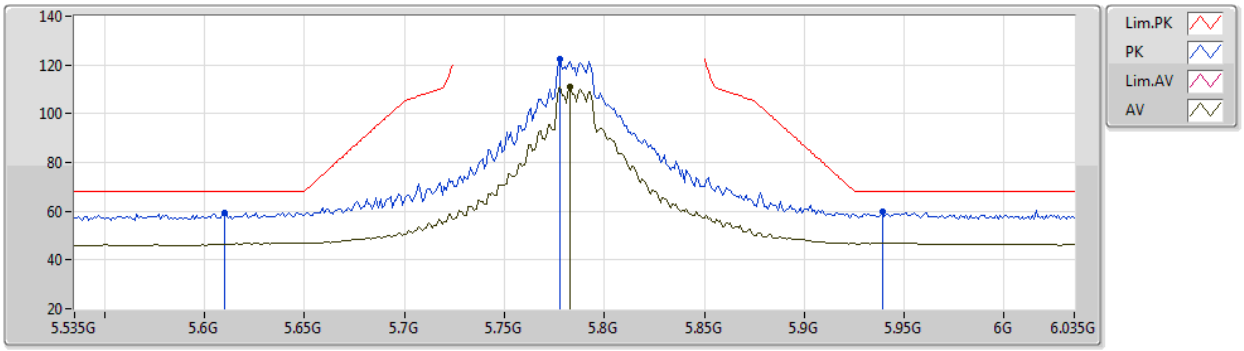
EUT Z_4TX
Setting 108
02-B-R-5

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	11.4852G	51.53	74.00	-22.47	37.86	3	Horizontal	97	1.71	-	38.97	7.62	32.92
AV	11.4905G	37.99	54.00	-16.01	24.32	3	Horizontal	97	1.71	-	38.98	7.62	32.93
PK	17.2362G	57.78	68.20	-10.42	39.05	3	Horizontal	34	2.38	-	42.34	9.32	32.93

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5785MHz_TX



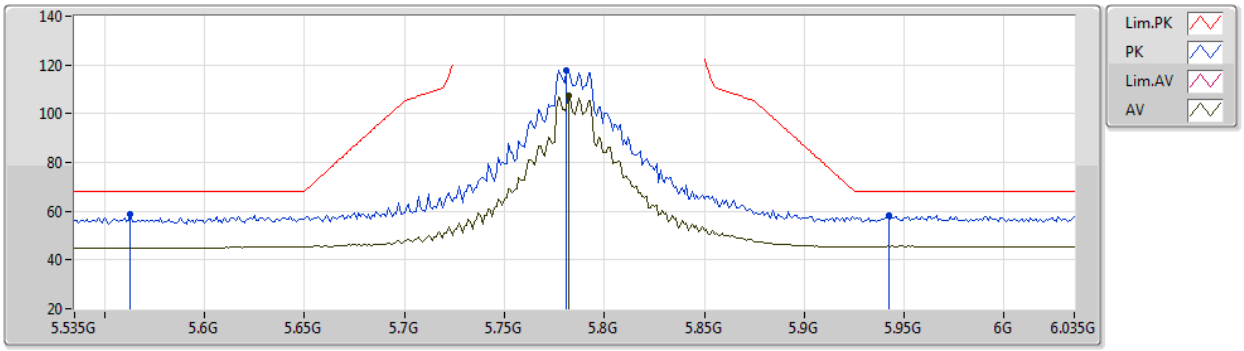
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.61G	59.50	68.20	-8.70	51.88	3	Vertical	92	1.11	-	33.90	5.19	31.47
PK	5.778G	122.25	Inf	-Inf	114.89	3	Vertical	92	1.11	-	33.80	5.02	31.46
AV	5.783G	111.27	Inf	-Inf	103.91	3	Vertical	92	1.11	-	33.80	5.02	31.46
PK	5.939G	59.69	68.20	-8.51	51.62	3	Vertical	92	1.11	-	34.10	5.42	31.45

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

29/03/2021



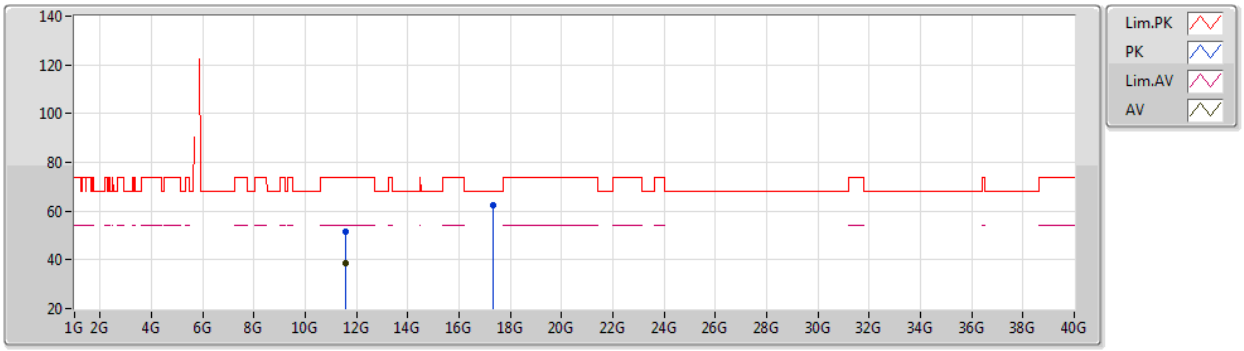
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.563G	58.64	68.20	-9.56	51.05	3	Horizontal	42	1.12	-	33.90	5.16	31.47
PK	5.781G	117.95	Inf	-Inf	110.59	3	Horizontal	42	1.12	-	33.80	5.02	31.46
AV	5.782G	107.30	Inf	-Inf	99.94	3	Horizontal	42	1.12	-	33.80	5.02	31.46
PK	5.942G	58.26	68.20	-9.94	50.18	3	Horizontal	42	1.12	-	34.10	5.43	31.45

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5785MHz_TX



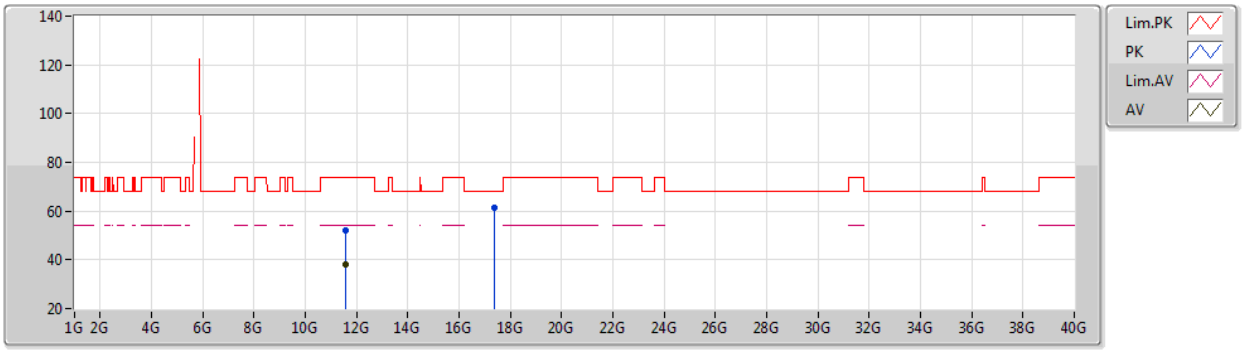
EUT Z_4TX
Setting 108
02-B-R-5

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	11.5788G	51.66	74.00	-22.34	37.70	3	Vertical	134	2.19	-	39.24	7.65	32.93
AV	11.5697G	38.37	54.00	-15.63	24.44	3	Vertical	134	2.19	-	39.21	7.65	32.93
PK	17.3509G	62.21	68.20	-5.99	42.78	3	Vertical	93	1.97	-	43.01	9.34	32.92

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5785MHz_TX



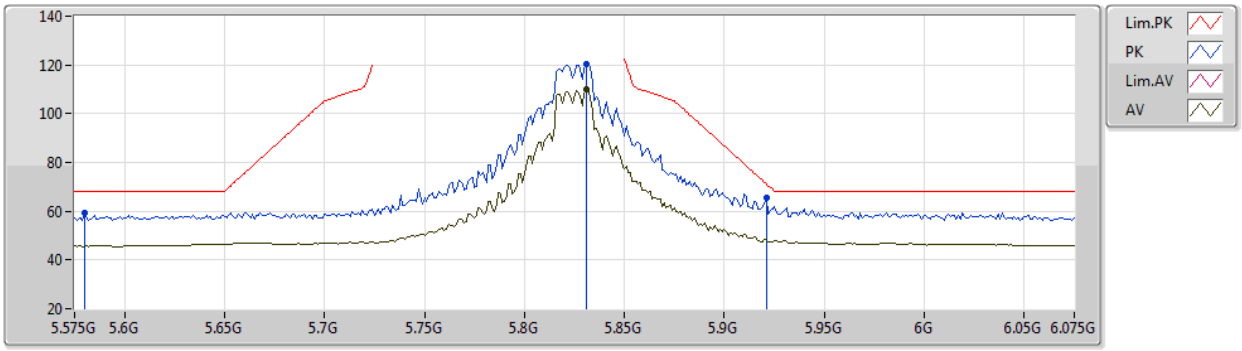
EUT Z_4TX
Setting 108
02-B-R-5

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	11.577G	51.82	74.00	-22.18	37.87	3	Horizontal	256	1.39	-	39.23	7.65	32.93
AV	11.5868G	38.34	54.00	-15.66	24.35	3	Horizontal	256	1.39	-	39.26	7.66	32.93
PK	17.3624G	61.30	68.20	-6.90	41.78	3	Horizontal	8	2.39	-	43.10	9.34	32.92

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5825MHz_TX



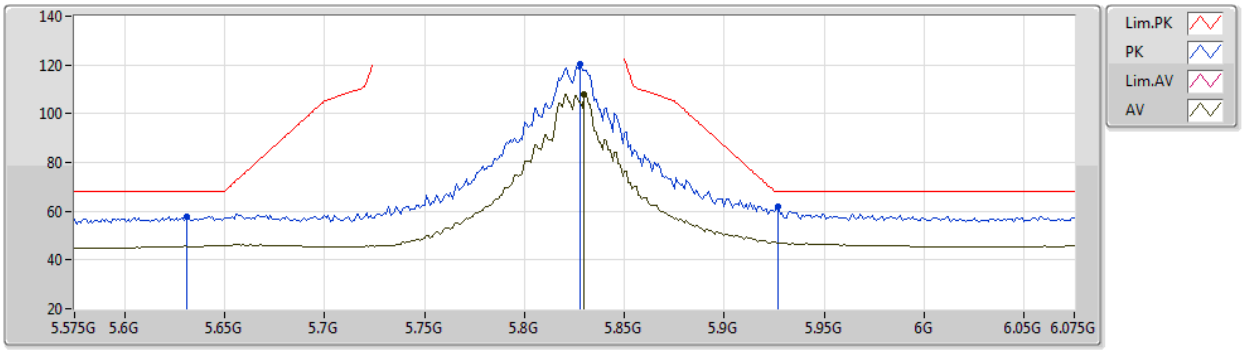
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.58G	59.18	68.20	-9.02	51.57	3	Vertical	99	2.57	-	33.90	5.18	31.47
PK	5.831G	120.22	Inf	-Inf	112.73	3	Vertical	99	2.57	-	33.86	5.09	31.46
AV	5.831G	109.77	Inf	-Inf	102.28	3	Vertical	99	2.57	-	33.86	5.09	31.46
PK	5.921G	65.43	71.16	-5.73	57.42	3	Vertical	99	2.57	-	34.10	5.36	31.45

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5825MHz_TX



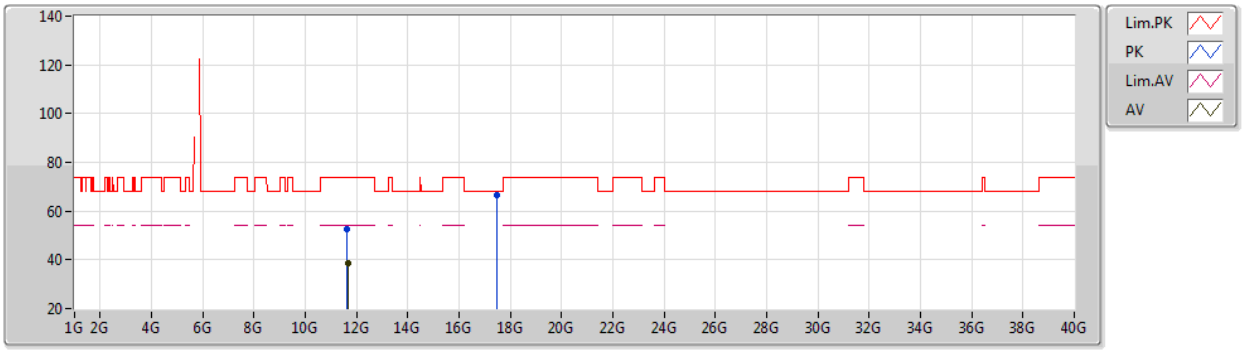
EUT Z_4TX
Setting 108
02-B-R-5-10

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	57.91	68.20	-10.29	50.30	3	Horizontal	11	3.00	-	33.90	5.17	31.46
PK	5.828G	120.41	Inf	-Inf	112.93	3	Horizontal	11	3.00	-	33.86	5.08	31.46
AV	5.83G	108.12	Inf	-Inf	100.63	3	Horizontal	11	3.00	-	33.86	5.09	31.46
PK	5.927G	61.66	68.20	-6.54	53.63	3	Horizontal	11	3.00	-	34.10	5.38	31.45

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5825MHz_TX



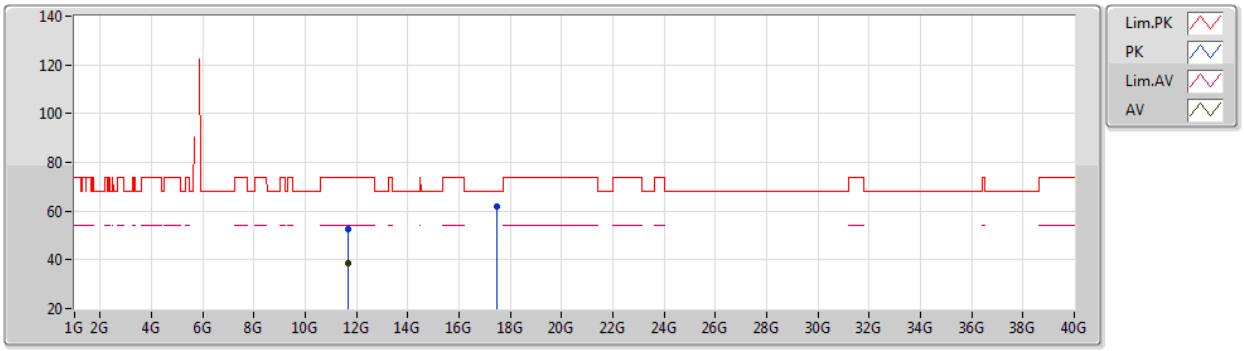
EUT Z_4TX
Setting 108
02-B-R-5

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	11.639G	52.65	74.00	-21.35	38.53	3	Vertical	180	1.80	-	39.38	7.67	32.93
AV	11.6551G	38.74	54.00	-15.26	24.58	3	Vertical	180	1.80	-	39.41	7.68	32.93
PK	17.4793G	66.48	68.20	-1.72	46.07	3	Vertical	246	2.49	-	43.96	9.35	32.90

802.11ax HEW20_Nss1,(MCS0)_4TX

29/03/2021

5825MHz_TX



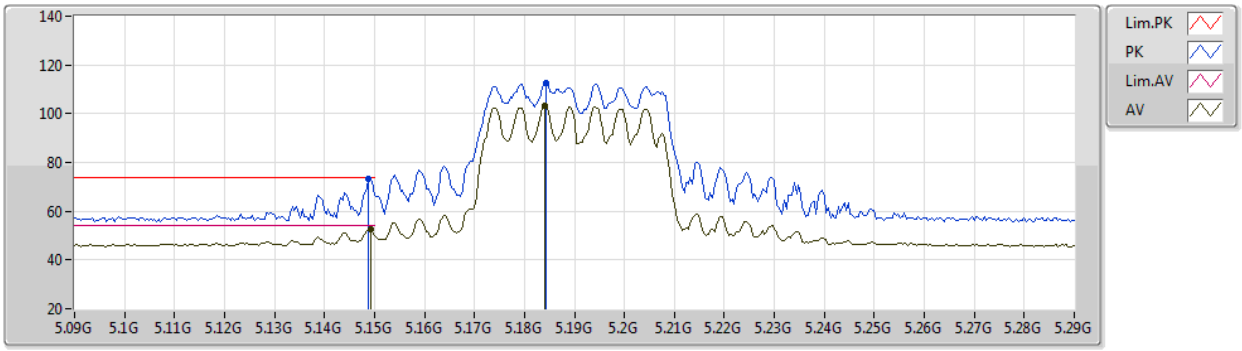
EUT Z_4TX
Setting 108
02-B-R-5

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	11.6603G	52.48	74.00	-21.52	38.31	3	Horizontal	255	2.86	-	39.42	7.68	32.93
AV	11.6562G	38.74	54.00	-15.26	24.58	3	Horizontal	255	2.86	-	39.41	7.68	32.93
PK	17.4838G	62.08	68.20	-6.12	41.64	3	Horizontal	19	2.06	-	43.99	9.35	32.90

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5190MHz_TX



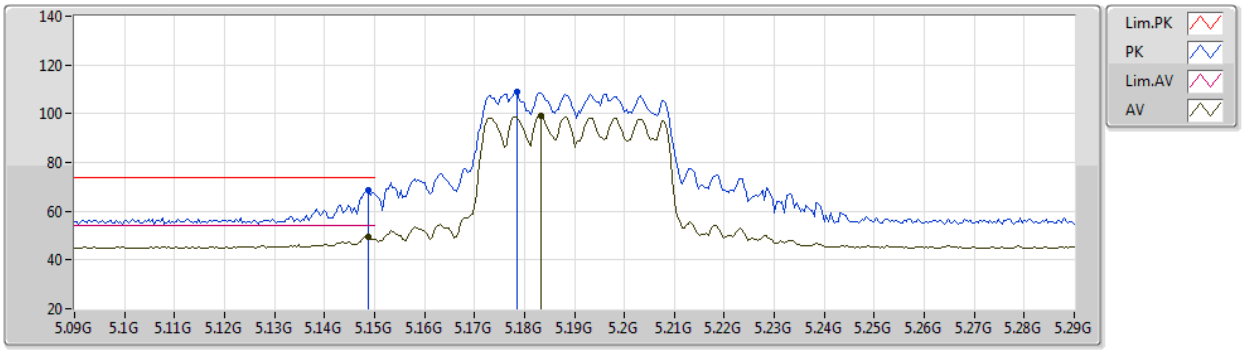
EUT Z_4TX
Setting 72
02-B-E-2-10

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	5.1488G	73.51	74.00	-0.49	66.74	3	Vertical	349	2.49	-	33.50	5.00	31.73
AV	5.1492G	52.54	54.00	-1.46	45.77	3	Vertical	349	2.49	-	33.50	5.00	31.73
PK	5.1844G	112.68	Inf	-Inf	105.81	3	Vertical	349	2.49	-	33.50	5.07	31.70
AV	5.184G	103.33	Inf	-Inf	96.46	3	Vertical	349	2.49	-	33.50	5.07	31.70

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5190MHz_TX



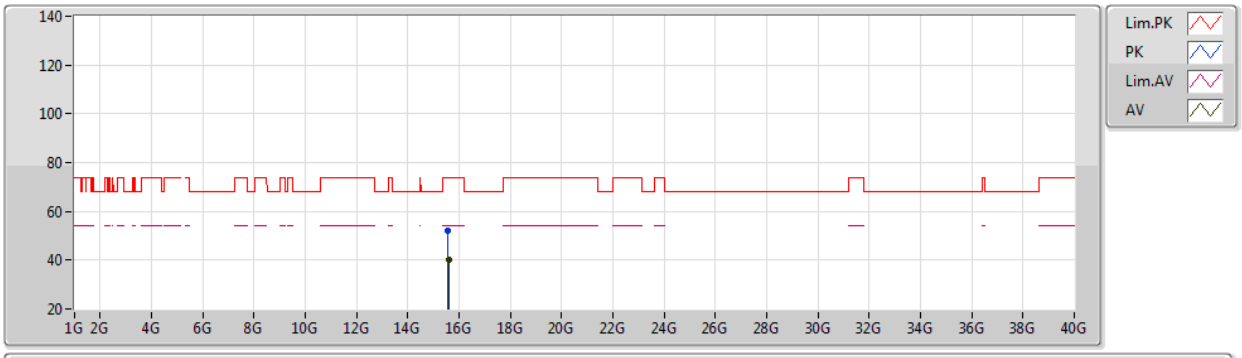
EUT Z_4TX
Setting 72
02-B-E-2-10

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	5.1488G	68.39	74.00	-5.61	61.62	3	Horizontal	347	2.95	-	33.50	5.00	31.73
AV	5.1488G	49.29	54.00	-4.71	42.52	3	Horizontal	347	2.95	-	33.50	5.00	31.73
PK	5.1784G	108.75	Inf	-Inf	101.90	3	Horizontal	347	2.95	-	33.50	5.06	31.71
AV	5.1832G	99.37	Inf	-Inf	92.50	3	Horizontal	347	2.95	-	33.50	5.07	31.70

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5190MHz_TX



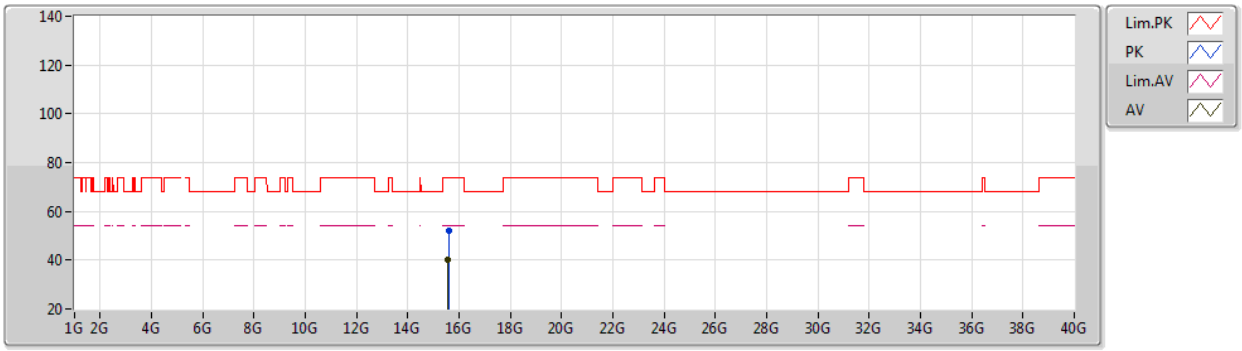
EUT Z_4TX
Setting 72
02-B-E-2

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	15.5588G	52.30	74.00	-21.70	38.53	3	Vertical	253	2.73	-	37.56	9.05	32.84
AV	15.582G	40.36	54.00	-13.64	26.69	3	Vertical	253	2.73	-	37.47	9.05	32.85

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5190MHz_TX



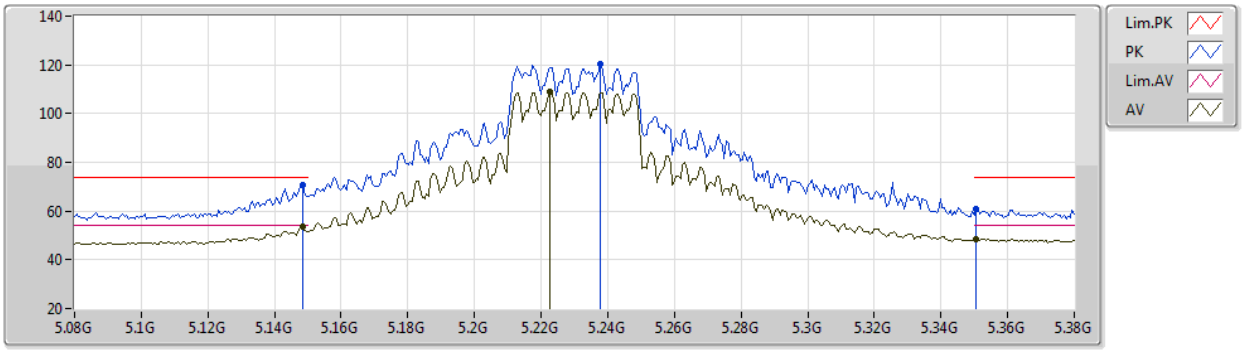
EUT Z_4TX
Setting 72
02-B-E-2

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	15.5841G	51.95	74.00	-22.05	38.29	3	Horizontal	32	1.20	-	37.46	9.05	32.85
AV	15.5788G	40.39	54.00	-13.61	26.71	3	Horizontal	32	1.20	-	37.48	9.05	32.85

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

29/03/2021



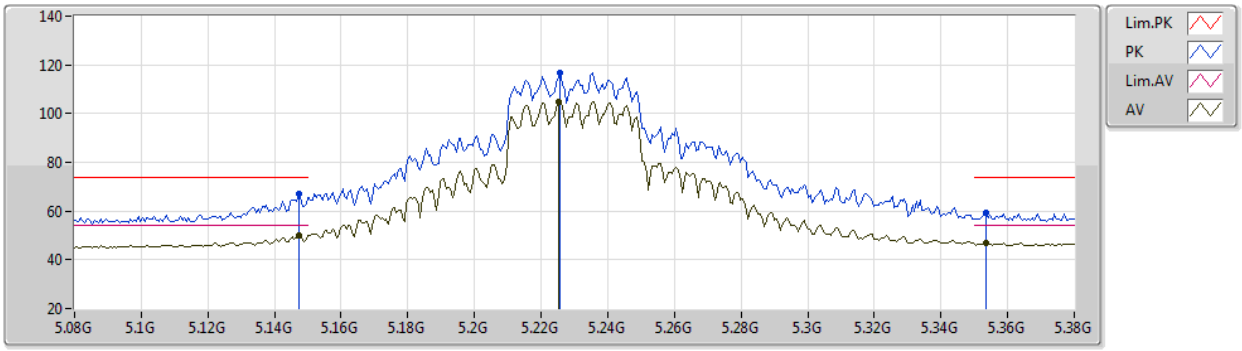
EUT Z_4TX
Setting 93
02-B-E-2-10

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	70.67	74.00	-3.33	63.90	3	Vertical	101	2.83	-	33.50	5.00	31.73
AV	5.1484G	53.56	54.00	-0.44	46.79	3	Vertical	101	2.83	-	33.50	5.00	31.73
PK	5.2378G	120.48	Inf	-Inf	113.48	3	Vertical	101	2.83	-	33.58	5.08	31.66
AV	5.2228G	108.78	Inf	-Inf	101.82	3	Vertical	101	2.83	-	33.55	5.09	31.68
PK	5.3506G	60.78	74.00	-13.22	53.54	3	Vertical	101	2.83	-	33.80	5.02	31.58
AV	5.3506G	48.56	54.00	-5.44	41.32	3	Vertical	101	2.83	-	33.80	5.02	31.58

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5230MHz_TX



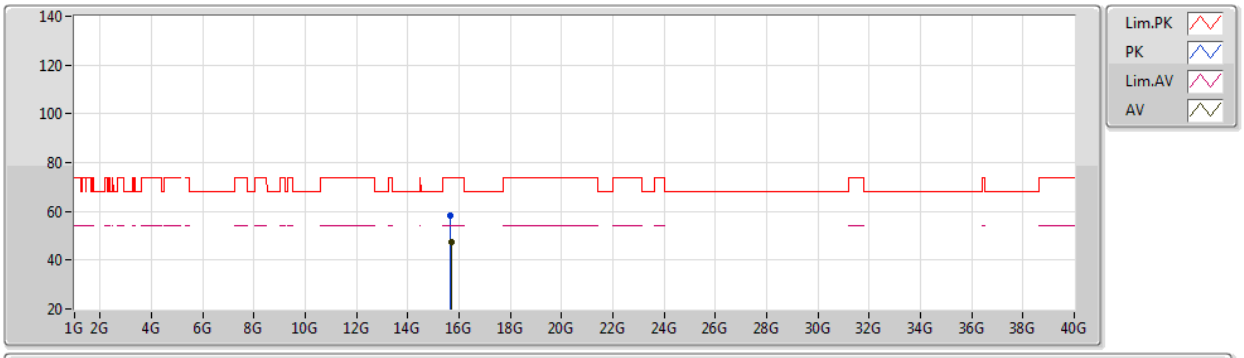
EUT Z_4TX
Setting 93
02-B-E-2-10

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	5.1472G	67.29	74.00	-6.71	60.54	3	Horizontal	343	1.00	-	33.49	4.99	31.73
AV	5.1472G	49.87	54.00	-4.13	43.12	3	Horizontal	343	1.00	-	33.49	4.99	31.73
PK	5.2258G	116.74	Inf	-Inf	109.77	3	Horizontal	343	1.00	-	33.55	5.09	31.67
AV	5.2252G	104.95	Inf	-Inf	97.98	3	Horizontal	343	1.00	-	33.55	5.09	31.67
PK	5.3536G	59.23	74.00	-14.77	51.99	3	Horizontal	343	1.00	-	33.80	5.02	31.58
AV	5.3536G	46.81	54.00	-7.19	39.57	3	Horizontal	343	1.00	-	33.80	5.02	31.58

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5230MHz_TX



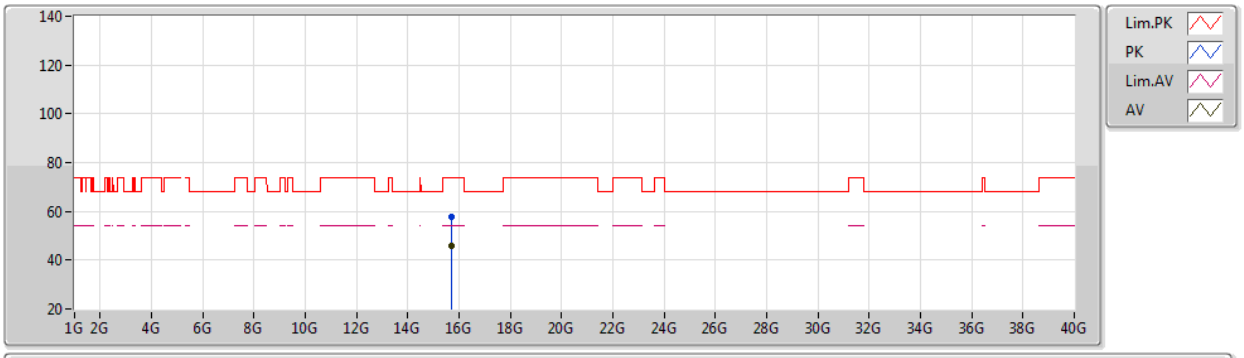
EUT Z_4TX
Setting 93
02-B-E-2

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	15.6767G	58.30	74.00	-15.70	44.58	3	Vertical	360	2.22	-	37.48	9.09	32.85
AV	15.6872G	47.35	54.00	-6.65	33.62	3	Vertical	360	2.22	-	37.49	9.09	32.85

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5230MHz_TX



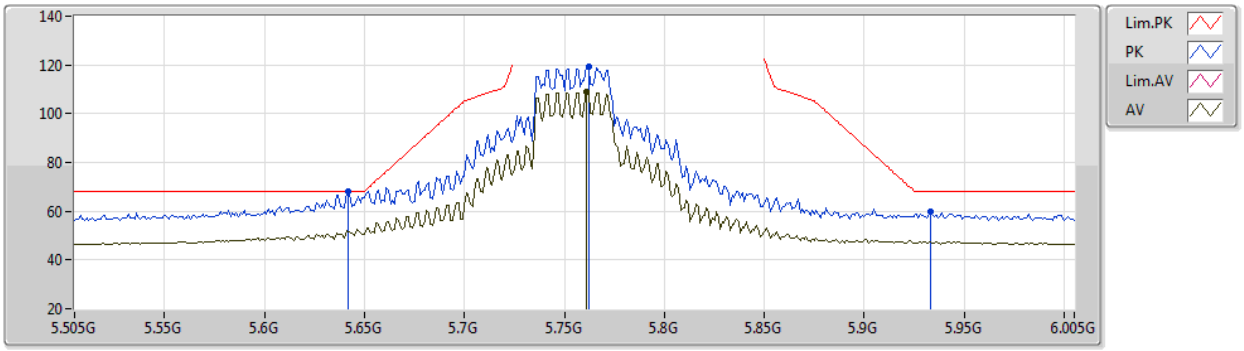
EUT Z_4TX
Setting 93
02-B-E-2

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	15.6875G	57.67	74.00	-16.33	43.95	3	Horizontal	41	2.11	-	37.49	9.09	32.86
AV	15.6851G	46.07	54.00	-7.93	32.34	3	Horizontal	41	2.11	-	37.49	9.09	32.85

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

29/03/2021



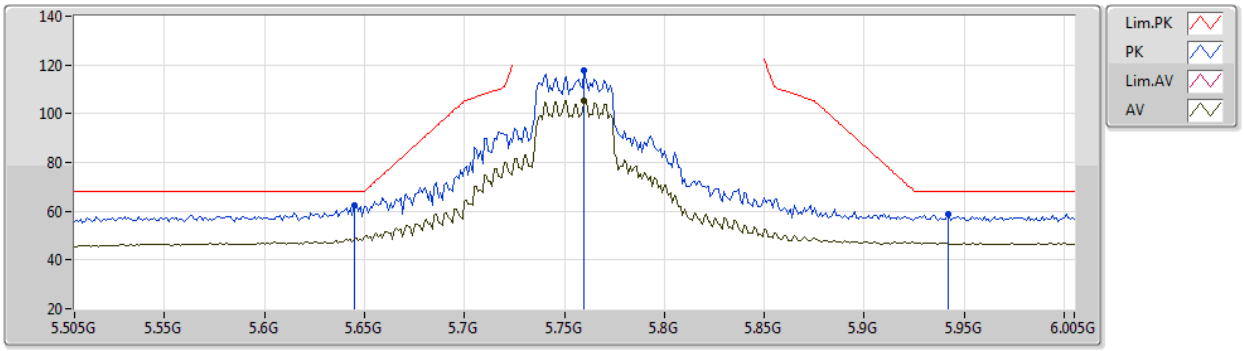
EUT Z_4TX
Setting 98
02-B-E-2-10

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	5.642G	68.01	68.20	-0.19	60.41	3	Vertical	338	2.27	-	33.90	5.16	31.46
PK	5.762G	119.53	Inf	-Inf	112.15	3	Vertical	338	2.27	-	33.80	5.04	31.46
AV	5.761G	108.96	Inf	-Inf	101.58	3	Vertical	338	2.27	-	33.80	5.04	31.46
PK	5.933G	59.91	68.20	-8.29	51.86	3	Vertical	338	2.27	-	34.10	5.40	31.45

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

29/03/2021



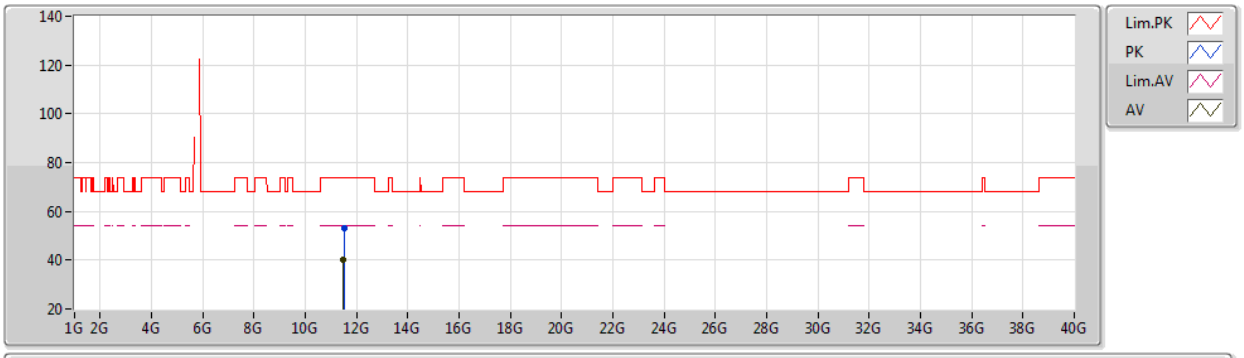
EUT Z_4TX
Setting 98
02-B-E-2-10

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	5.645G	62.22	68.20	-5.98	54.62	3	Horizontal	13	2.70	-	33.90	5.16	31.46
PK	5.76G	117.62	Inf	-Inf	110.24	3	Horizontal	13	2.70	-	33.80	5.04	31.46
AV	5.76G	105.43	Inf	-Inf	98.05	3	Horizontal	13	2.70	-	33.80	5.04	31.46
PK	5.942G	58.75	68.20	-9.45	50.67	3	Horizontal	13	2.70	-	34.10	5.43	31.45

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

29/03/2021



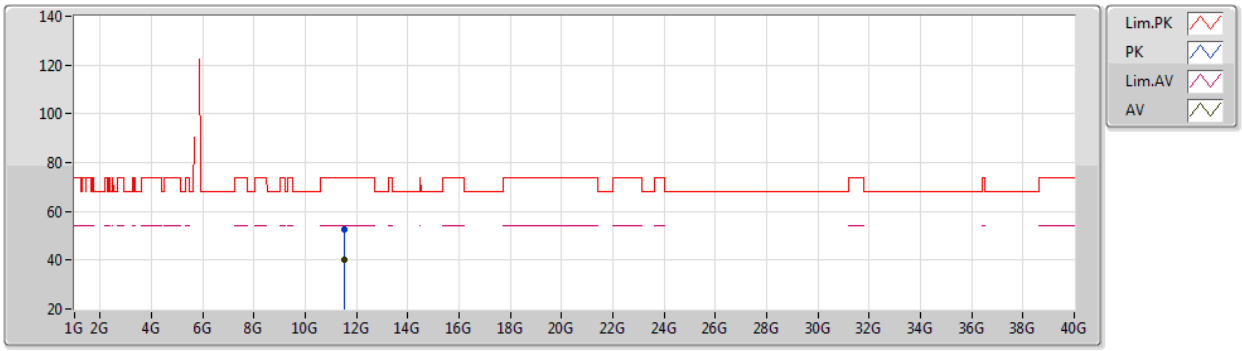
EUT Z_4TX
Setting 98
02-B-E-2

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	11.5186G	53.35	74.00	-20.65	39.59	3	Vertical	101	1.37	-	39.06	7.63	32.93
AV	11.4875G	40.29	54.00	-13.71	26.62	3	Vertical	101	1.37	-	38.98	7.62	32.93

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5755MHz_TX



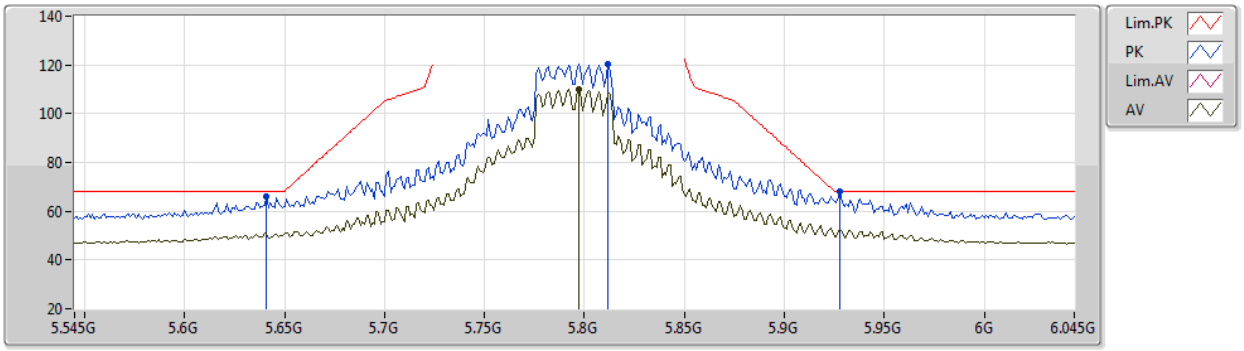
EUT Z_4TX
Setting 98
02-B-E-2

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	11.5093G	52.61	74.00	-21.39	38.88	3	Horizontal	342	1.00	-	39.03	7.63	32.93
AV	11.5011G	40.32	54.00	-13.68	26.62	3	Horizontal	342	1.00	-	39.00	7.63	32.93

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

29/03/2021



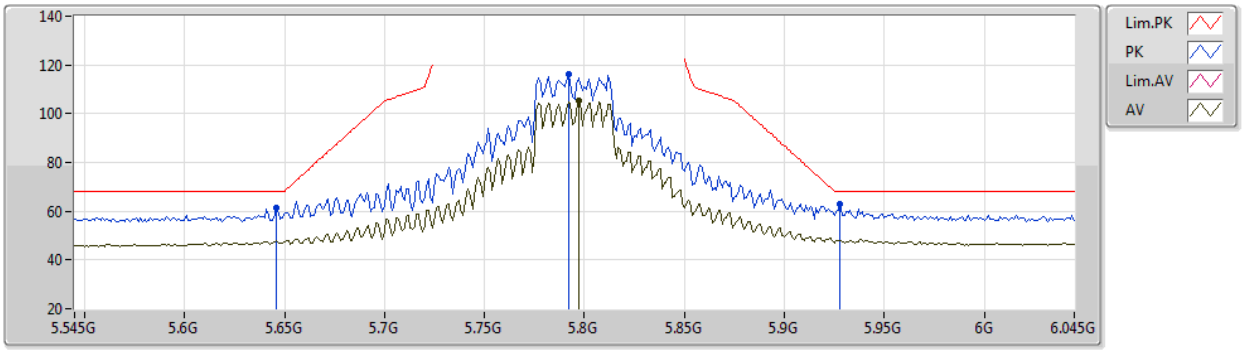
EUT Z_4TX
Setting 102
02-B-E-2-10

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	5.641G	65.82	68.20	-2.38	58.22	3	Vertical	90	2.49	-	33.90	5.16	31.46
PK	5.812G	120.38	Inf	-Inf	112.98	3	Vertical	90	2.49	-	33.82	5.04	31.46
AV	5.797G	110.21	Inf	-Inf	102.87	3	Vertical	90	2.49	-	33.80	5.00	31.46
PK	5.928G	67.93	68.20	-0.27	59.90	3	Vertical	90	2.49	-	34.10	5.38	31.45

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5795MHz_TX



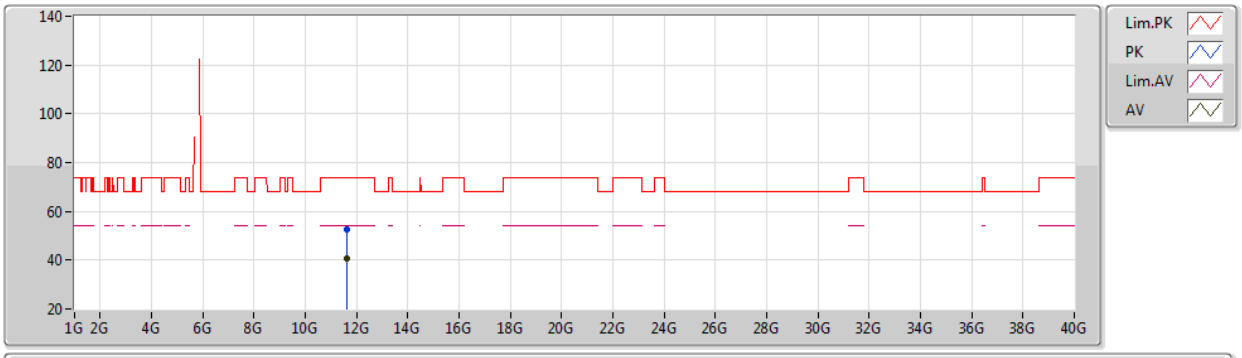
EUT Z_4TX
Setting 102
02-B-E-2-10

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	5.646G	61.13	68.20	-7.07	53.54	3	Horizontal	39	1.08	-	33.90	5.15	31.46
PK	5.792G	116.07	Inf	-Inf	108.72	3	Horizontal	39	1.08	-	33.80	5.01	31.46
AV	5.797G	105.41	Inf	-Inf	98.07	3	Horizontal	39	1.08	-	33.80	5.00	31.46
PK	5.928G	62.71	68.20	-5.49	54.68	3	Horizontal	39	1.08	-	34.10	5.38	31.45

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5795MHz_TX



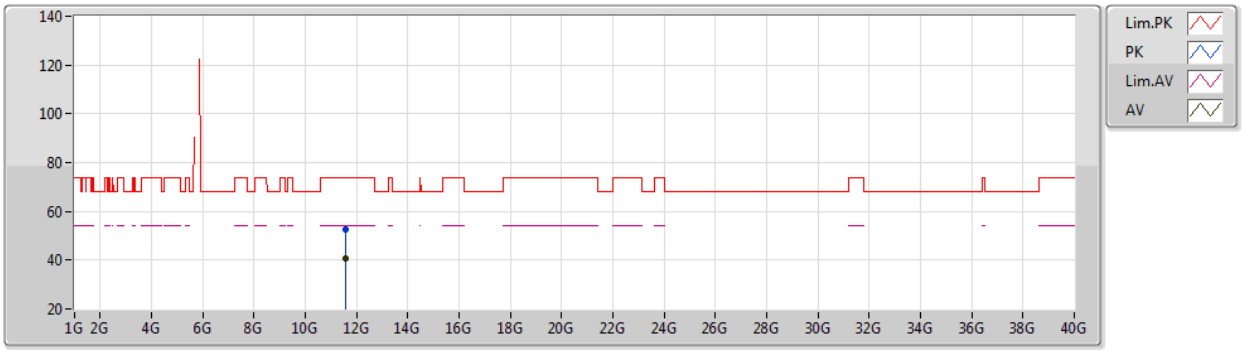
EUT Z_4TX
Setting 102
02-B-E-2

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	11.6001G	52.68	74.00	-21.32	38.65	3	Vertical	257	1.80	-	39.30	7.66	32.93
AV	11.5991G	40.54	54.00	-13.46	26.51	3	Vertical	257	1.80	-	39.30	7.66	32.93

802.11ax HEW40_Nss1,(MCS0)_4TX

29/03/2021

5795MHz_TX



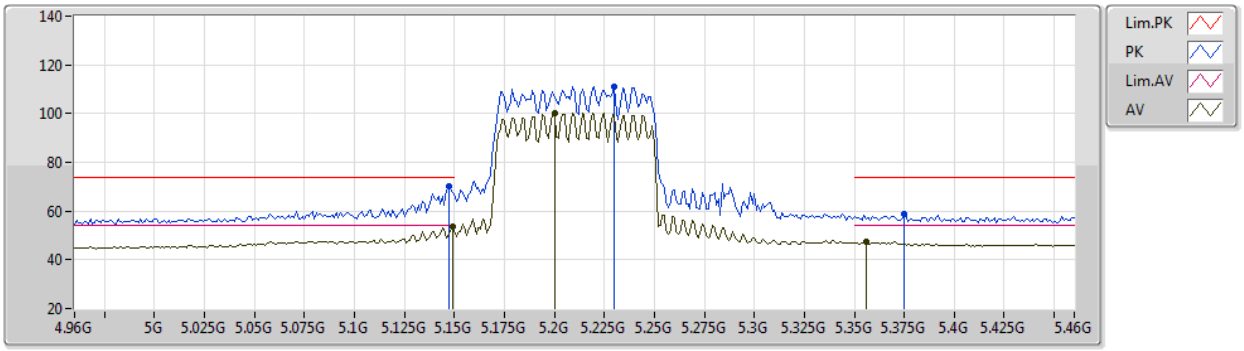
EUT Z_4TX
Setting 102
02-B-E-2

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	11.5821G	52.68	74.00	-21.32	38.71	3	Horizontal	155	1.45	-	39.25	7.65	32.93
AV	11.5891G	40.61	54.00	-13.39	26.61	3	Horizontal	155	1.45	-	39.27	7.66	32.93

802.11ax HEW80_Nss1,(MCS0)_4TX

29/03/2021

5210MHz_TX



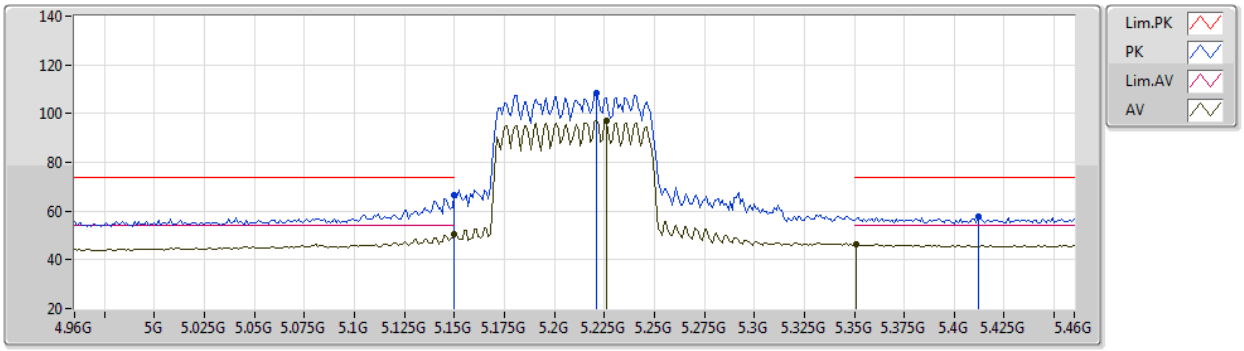
EUT Z_4TX
Setting 73
02-B-E-2-10

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	5.147G	70.14	74.00	-3.86	63.39	3	Vertical	350	2.36	-	33.49	4.99	31.73
AV	5.149G	53.77	54.00	-0.23	47.00	3	Vertical	350	2.36	-	33.50	5.00	31.73
PK	5.23G	111.20	Inf	-Inf	104.23	3	Vertical	350	2.36	-	33.56	5.08	31.67
AV	5.2G	100.13	Inf	-Inf	93.22	3	Vertical	350	2.36	-	33.50	5.10	31.69
PK	5.375G	58.63	74.00	-15.37	51.38	3	Vertical	350	2.36	-	33.80	5.01	31.56
AV	5.356G	47.41	54.00	-6.59	40.17	3	Vertical	350	2.36	-	33.80	5.02	31.58

802.11ax HEW80_Nss1,(MCS0)_4TX

29/03/2021

5210MHz_TX



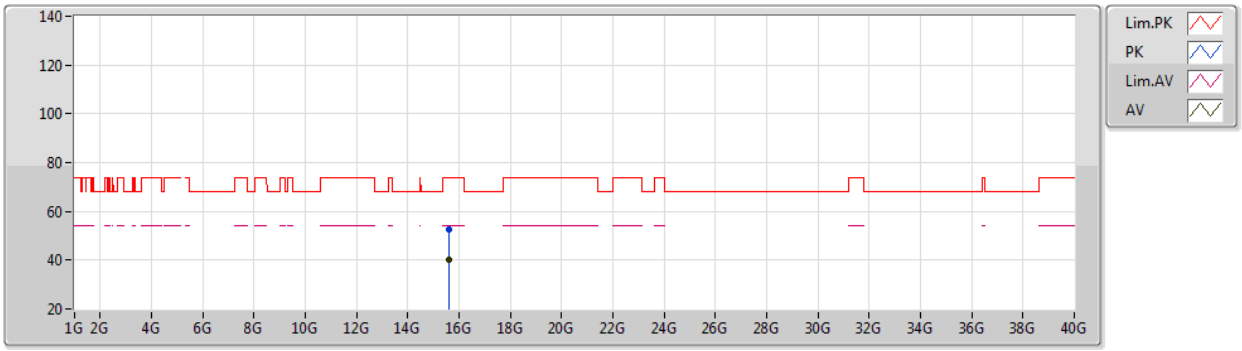
EUT Z_4TX
Setting 73
02-B-E-2-10

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	66.33	74.00	-7.67	59.56	3	Horizontal	344	1.01	-	33.50	5.00	31.73
AV	5.15G	50.29	54.00	-3.71	43.52	3	Horizontal	344	1.01	-	33.50	5.00	31.73
PK	5.221G	108.23	Inf	-Inf	101.28	3	Horizontal	344	1.01	-	33.54	5.09	31.68
AV	5.226G	97.19	Inf	-Inf	90.22	3	Horizontal	344	1.01	-	33.55	5.09	31.67
PK	5.412G	57.83	74.00	-16.17	50.51	3	Horizontal	344	1.01	-	33.85	5.01	31.54
AV	5.351G	46.49	54.00	-7.51	39.25	3	Horizontal	344	1.01	-	33.80	5.02	31.58

802.11ax HEW80_Nss1,(MCS0)_4TX

29/03/2021

5210MHz_TX



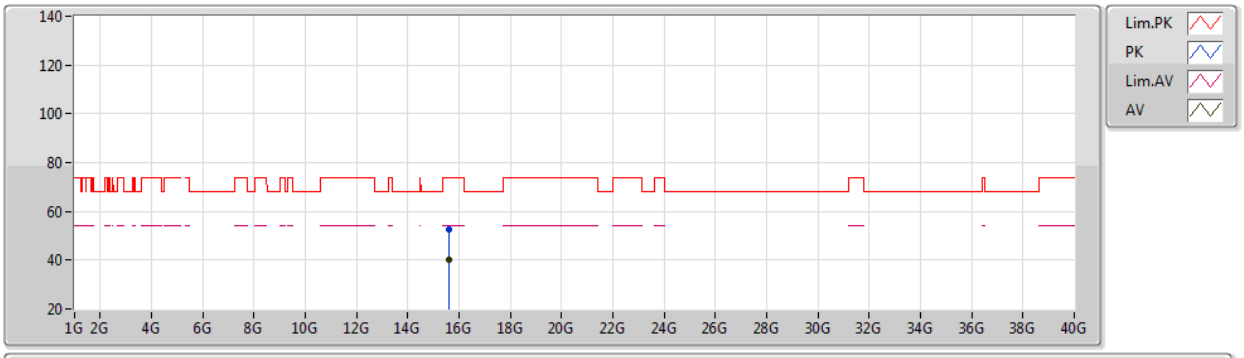
EUT Z_4TX
Setting 73
02-B-E-2

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	15.6108G	52.80	74.00	-21.20	39.18	3	Vertical	299	1.07	-	37.41	9.06	32.85
AV	15.6097G	40.21	54.00	-13.79	26.59	3	Vertical	299	1.07	-	37.41	9.06	32.85

802.11ax HEW80_Nss1,(MCS0)_4TX

29/03/2021

5210MHz_TX



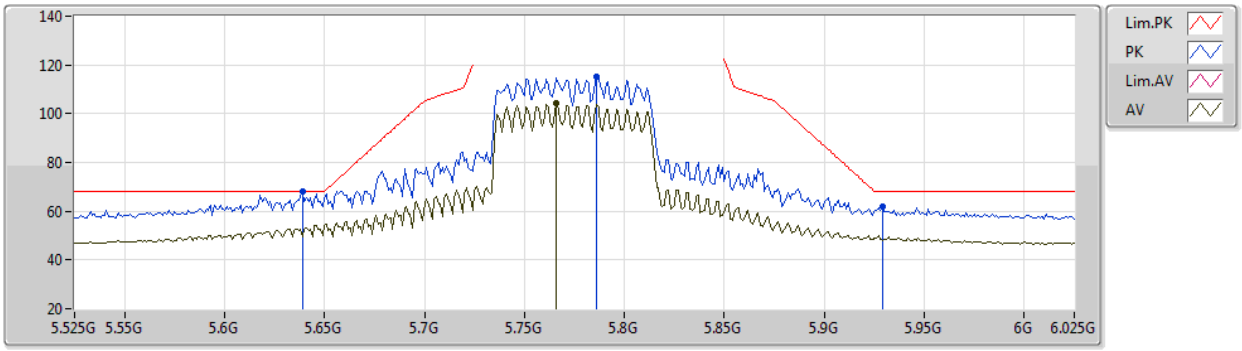
EUT Z_4TX
Setting 73
02-B-E-2

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	15.6197G	52.61	74.00	-21.39	38.97	3	Horizontal	151	2.72	-	37.42	9.07	32.85
AV	15.6294G	40.37	54.00	-13.63	26.72	3	Horizontal	151	2.72	-	37.43	9.07	32.85

802.11ax HEW80_Nss1,(MCS0)_4TX

29/03/2021

5775MHz_TX



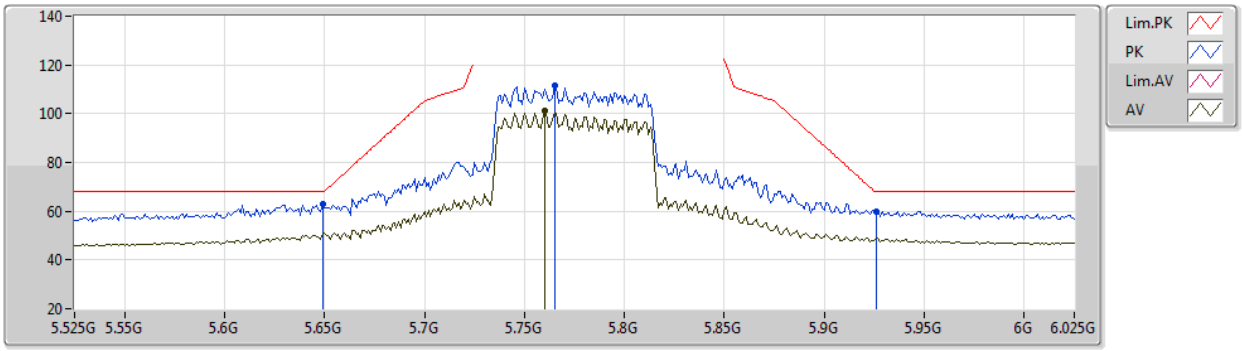
EUT Z_4TX
Setting 85
02-B-E-2-10

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	5.639G	67.95	68.20	-0.25	60.35	3	Vertical	339	2.18	-	33.90	5.16	31.46
PK	5.786G	115.27	Inf	-Inf	107.92	3	Vertical	339	2.18	-	33.80	5.01	31.46
AV	5.766G	104.27	Inf	-Inf	96.90	3	Vertical	339	2.18	-	33.80	5.03	31.46
PK	5.929G	61.85	68.20	-6.35	53.81	3	Vertical	339	2.18	-	34.10	5.39	31.45

802.11ax HEW80_Nss1,(MCS0)_4TX

29/03/2021

5775MHz_TX



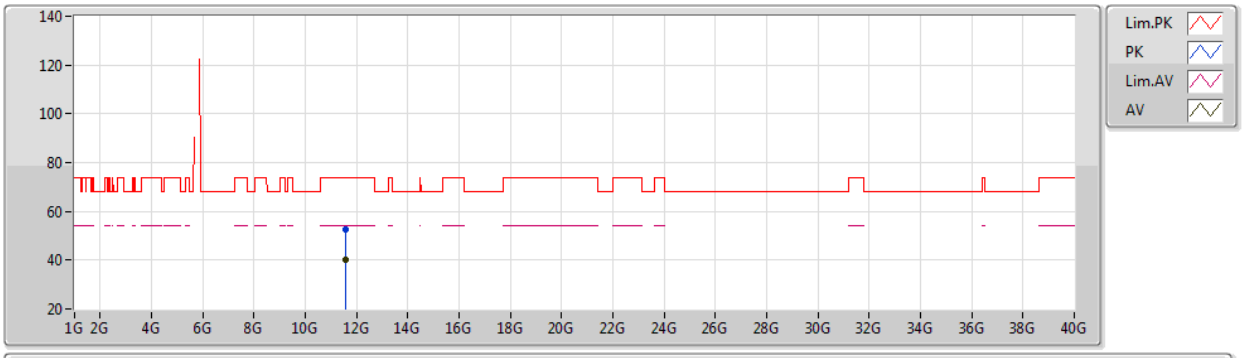
EUT Z_4TX
Setting 85
02-B-E-2-10

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	5.649G	62.73	68.20	-5.47	55.14	3	Horizontal	13	2.68	-	33.90	5.15	31.46
PK	5.765G	111.68	Inf	-Inf	104.30	3	Horizontal	13	2.68	-	33.80	5.04	31.46
AV	5.76G	101.02	Inf	-Inf	93.64	3	Horizontal	13	2.68	-	33.80	5.04	31.46
PK	5.926G	60.01	68.20	-8.19	51.98	3	Horizontal	13	2.68	-	34.10	5.38	31.45

802.11ax HEW80_Nss1,(MCS0)_4TX

29/03/2021

5775MHz_TX



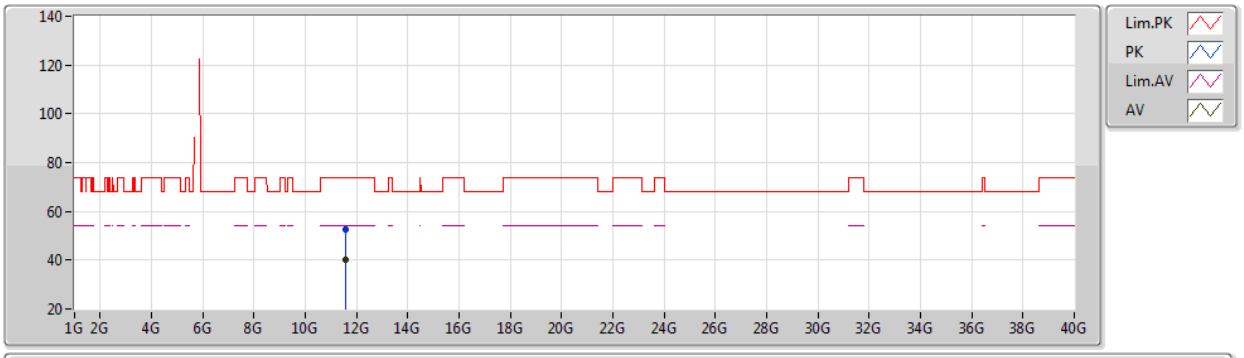
EUT Z_4TX
Setting 85
02-B-E-2

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	11.574G	52.81	74.00	-21.19	38.87	3	Vertical	26	2.14	-	39.22	7.65	32.93
AV	11.5659G	40.18	54.00	-13.82	26.26	3	Vertical	26	2.14	-	39.20	7.65	32.93

802.11ax HEW80_Nss1,(MCS0)_4TX

29/03/2021

5775MHz_TX



EUT Z_4TX
Setting 85
02-B-E-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	11.5667G	52.70	74.00	-21.30	38.78	3	Horizontal	297	2.83	-	39.20	7.65	32.93
AV	11.5729G	40.19	54.00	-13.81	26.25	3	Horizontal	297	2.83	-	39.22	7.65	32.93

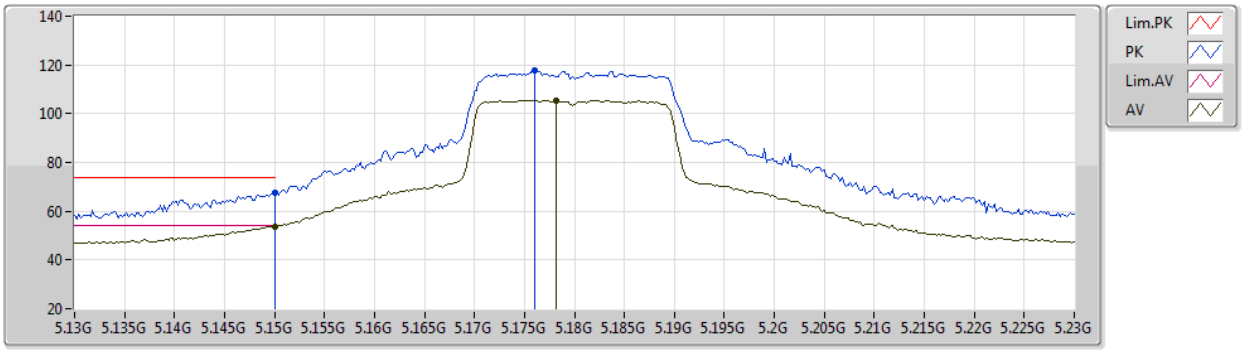
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss4,(MCS0)_4TX	Pass	AV	5.1492G	53.93	54.00	-0.07	3	Vertical	104	2.85	-

802.11ax HEW20_Nss4,(MCS0)_4TX

5180MHz_TX

01/04/2021



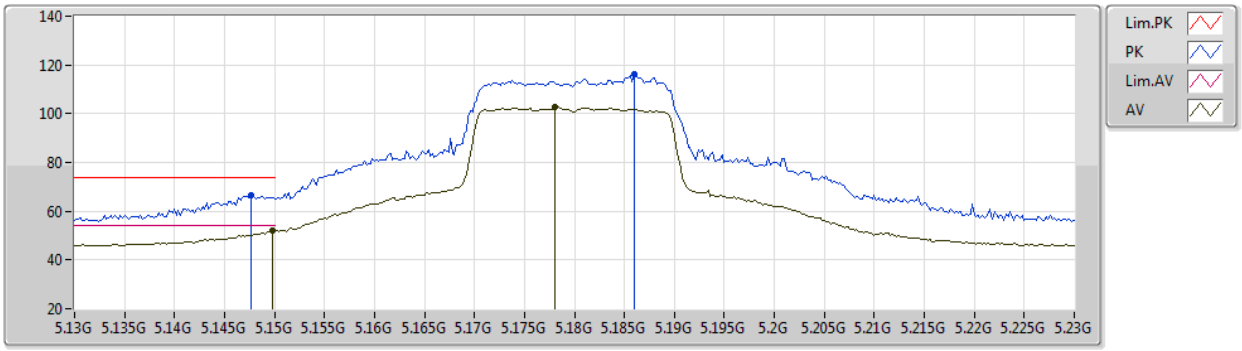
EUT Z_4TX
Setting 84
02-B-L-2-10

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	67.71	74.00	-6.29	60.94	3	Vertical	0	2.60	-	33.50	5.00	31.73
AV	5.15G	53.82	54.00	-0.18	47.05	3	Vertical	0	2.60	-	33.50	5.00	31.73
PK	5.176G	117.60	Inf	-Inf	110.76	3	Vertical	0	2.60	-	33.50	5.05	31.71
AV	5.1782G	105.59	Inf	-Inf	98.74	3	Vertical	0	2.60	-	33.50	5.06	31.71

802.11ax HEW20_Nss4,(MCS0)_4TX

5180MHz_TX

01/04/2021



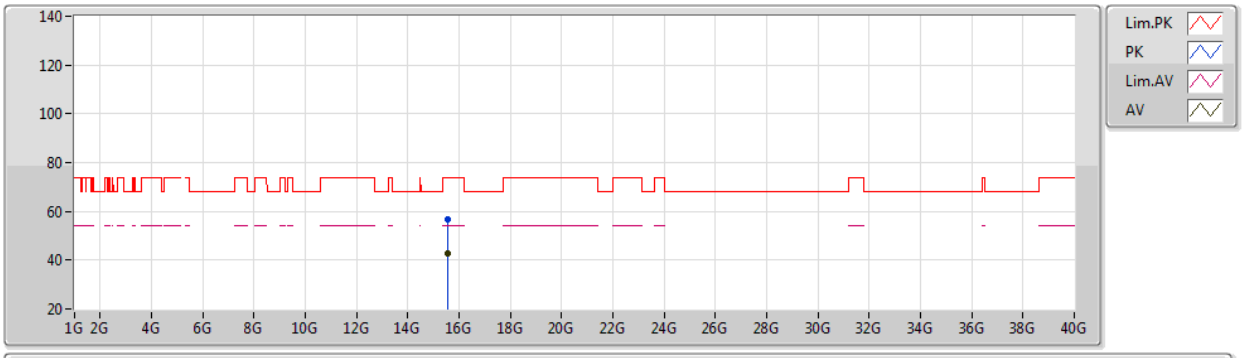
EUT Z_4TX
Setting 84
02-B-L-2-10

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	5.1476G	66.39	74.00	-7.61	59.62	3	Horizontal	346	2.95	-	33.50	5.00	31.73
AV	5.1498G	51.86	54.00	-2.14	45.09	3	Horizontal	346	2.95	-	33.50	5.00	31.73
PK	5.186G	116.11	Inf	-Inf	109.24	3	Horizontal	346	2.95	-	33.50	5.07	31.70
AV	5.178G	102.73	Inf	-Inf	95.88	3	Horizontal	346	2.95	-	33.50	5.06	31.71

802.11ax HEW20_Nss4,(MCS0)_4TX

5180MHz_TX

01/04/2021



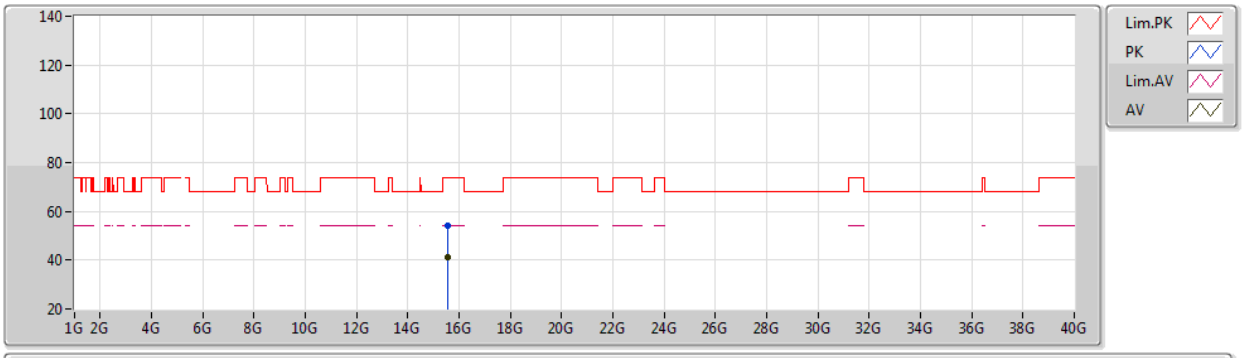
EUT Z_4TX
Setting 84
02-B-C-5

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	15.53466G	56.79	74.00	-17.21	42.93	3	Vertical	77	2.22	-	37.66	9.04	32.84
AV	15.54078G	42.64	54.00	-11.36	28.80	3	Vertical	77	2.22	-	37.64	9.04	32.84

802.11ax HEW20_Nss4,(MCS0)_4TX

5180MHz_TX

01/04/2021



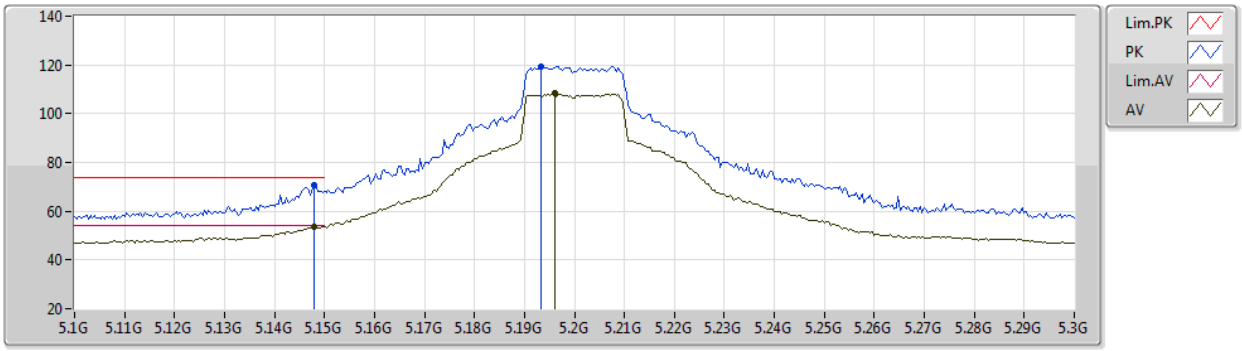
EUT Z_4TX
Setting 84
02-B-C-5

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	15.53352G	54.09	74.00	-19.91	40.22	3	Horizontal	189	1.68	-	37.67	9.04	32.84
AV	15.53466G	41.15	54.00	-12.85	27.29	3	Horizontal	189	1.68	-	37.66	9.04	32.84

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TX

01/04/2021



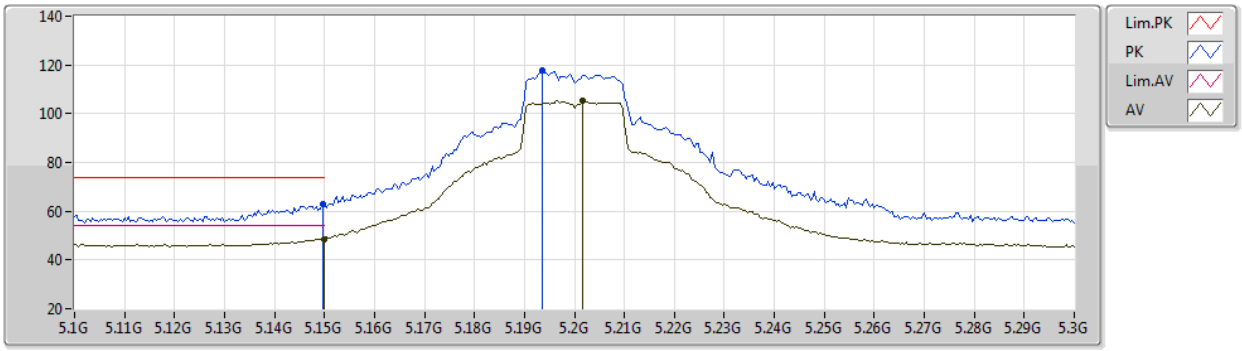
EUT Z_4TX
Setting 97
02-B-L-2-10

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	5.148G	70.68	74.00	-3.32	63.91	3	Vertical	0	2.35	-	33.50	5.00	31.73
AV	5.148G	53.78	54.00	-0.22	47.01	3	Vertical	0	2.35	-	33.50	5.00	31.73
PK	5.1932G	119.32	Inf	-Inf	112.43	3	Vertical	0	2.35	-	33.50	5.09	31.70
AV	5.196G	108.28	Inf	-Inf	101.38	3	Vertical	0	2.35	-	33.50	5.09	31.69

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TX

01/04/2021



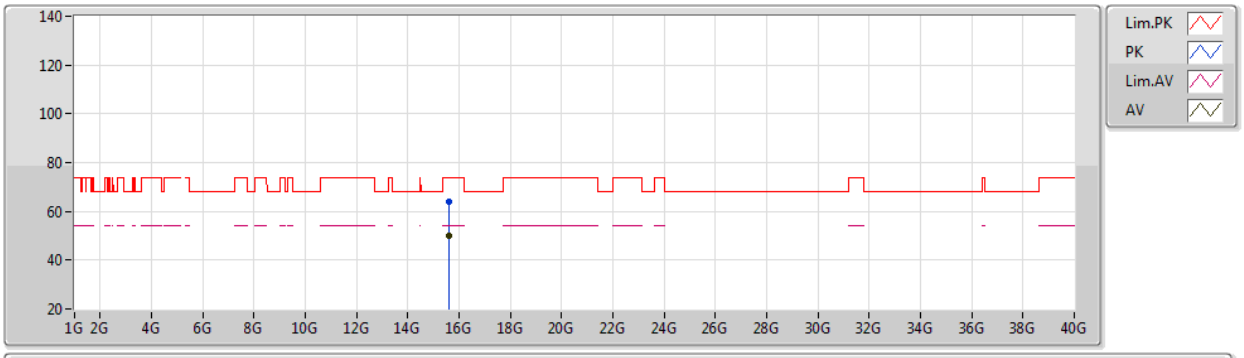
EUT Z_4TX
Setting 97
02-B-L-2-10

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	5.1496G	62.97	74.00	-11.03	56.20	3	Horizontal	4	2.73	-	33.50	5.00	31.73
AV	5.15G	48.54	54.00	-5.46	41.77	3	Horizontal	4	2.73	-	33.50	5.00	31.73
PK	5.1936G	117.57	Inf	-Inf	110.68	3	Horizontal	4	2.73	-	33.50	5.09	31.70
AV	5.2016G	105.23	Inf	-Inf	98.32	3	Horizontal	4	2.73	-	33.50	5.10	31.69

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TX

01/04/2021



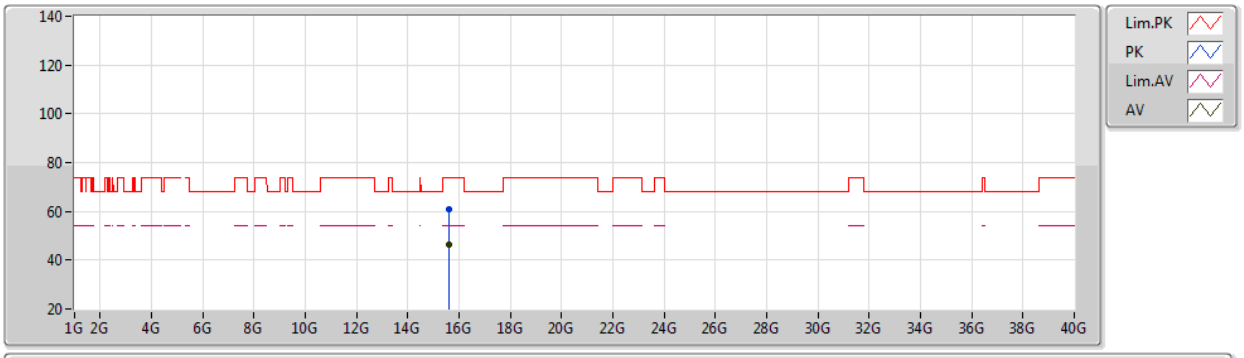
EUT Z_4TX
Setting 97
02-B-C-5

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	15.59604G	63.73	74.00	-10.27	50.10	3	Vertical	77	2.11	-	37.42	9.06	32.85
AV	15.59508G	49.77	54.00	-4.23	36.14	3	Vertical	77	2.11	-	37.42	9.06	32.85

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TX

01/04/2021



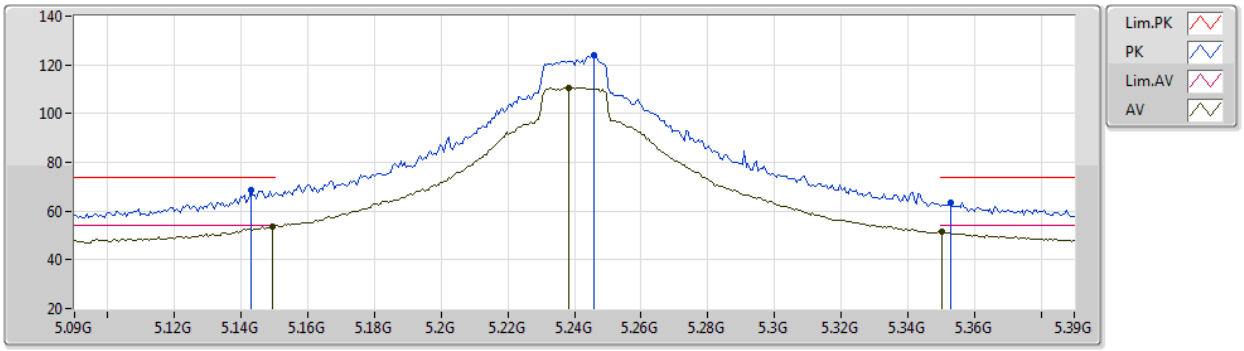
EUT Z_4TX
Setting 97
02-B-C-5

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	15.59598G	60.91	74.00	-13.09	47.28	3	Horizontal	34	2.12	-	37.42	9.06	32.85
AV	15.59718G	46.22	54.00	-7.78	32.60	3	Horizontal	34	2.12	-	37.41	9.06	32.85

802.11ax HEW20_Nss4,(MCS0)_4TX

5240MHz_TX

01/04/2021



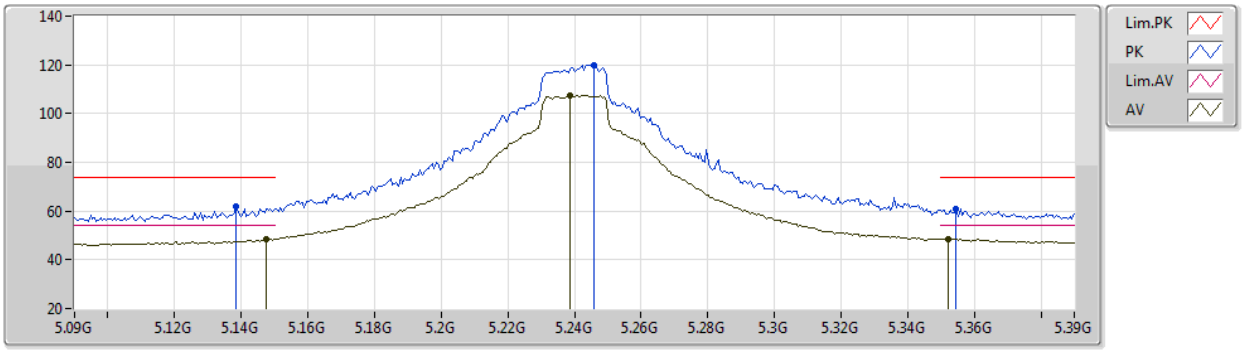
EUT Z_4TX
Setting 107
02-B-L-2-10

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	5.1428G	68.83	74.00	-5.17	62.08	3	Vertical	100	2.68	-	33.49	4.99	31.73
AV	5.1494G	53.84	54.00	-0.16	47.07	3	Vertical	100	2.68	-	33.50	5.00	31.73
PK	5.246G	123.89	Inf	-Inf	116.88	3	Vertical	100	2.68	-	33.59	5.08	31.66
AV	5.2382G	110.71	Inf	-Inf	103.71	3	Vertical	100	2.68	-	33.58	5.08	31.66
PK	5.3528G	63.65	74.00	-10.35	56.41	3	Vertical	100	2.68	-	33.80	5.02	31.58
AV	5.3504G	51.31	54.00	-2.69	44.07	3	Vertical	100	2.68	-	33.80	5.02	31.58

802.11ax HEW20_Nss4,(MCS0)_4TX

5240MHz_TX

01/04/2021



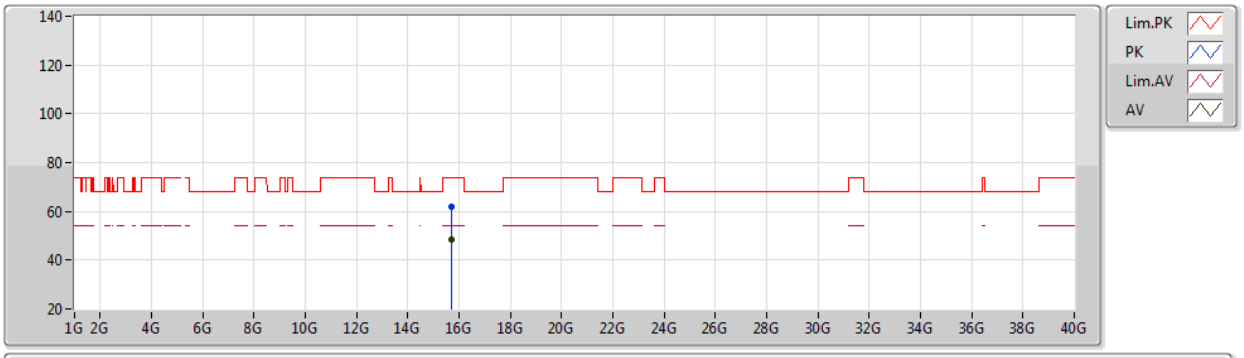
EUT Z_4TX
Setting 107
02-B-L-2-10

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	5.1386G	62.10	74.00	-11.90	55.38	3	Horizontal	342	2.75	-	33.48	4.98	31.74
AV	5.1476G	48.38	54.00	-5.62	41.61	3	Horizontal	342	2.75	-	33.50	5.00	31.73
PK	5.246G	119.93	Inf	-Inf	112.92	3	Horizontal	342	2.75	-	33.59	5.08	31.66
AV	5.2388G	107.58	Inf	-Inf	100.58	3	Horizontal	342	2.75	-	33.58	5.08	31.66
PK	5.3546G	61.09	74.00	-12.91	53.85	3	Horizontal	342	2.75	-	33.80	5.02	31.58
AV	5.3522G	48.52	54.00	-5.48	41.28	3	Horizontal	342	2.75	-	33.80	5.02	31.58

802.11ax HEW20_Nss4,(MCS0)_4TX

5240MHz_TX

01/04/2021



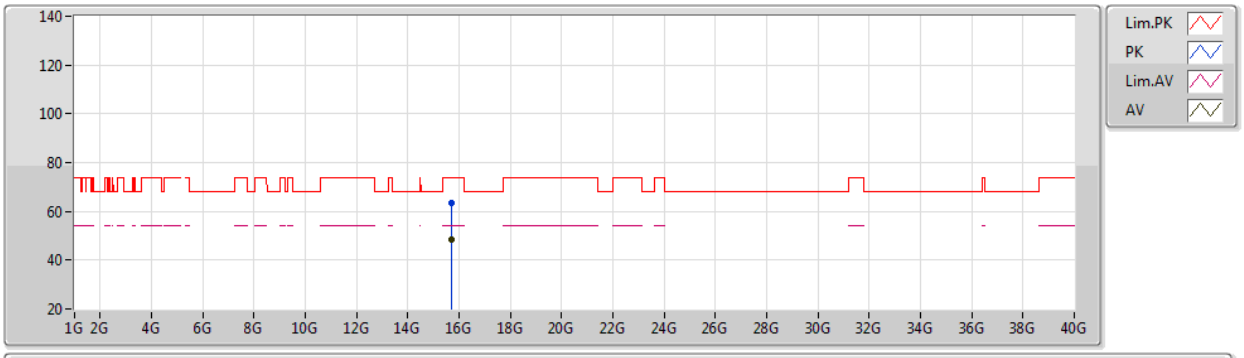
EUT Z_4TX
Setting 107
02-B-C-5

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	15.72108G	61.87	74.00	-12.13	48.17	3	Vertical	40	1.80	-	37.46	9.10	32.86
AV	15.72252G	48.24	54.00	-5.76	34.55	3	Vertical	40	1.80	-	37.45	9.10	32.86

802.11ax HEW20_Nss4,(MCS0)_4TX

5240MHz_TX

01/04/2021



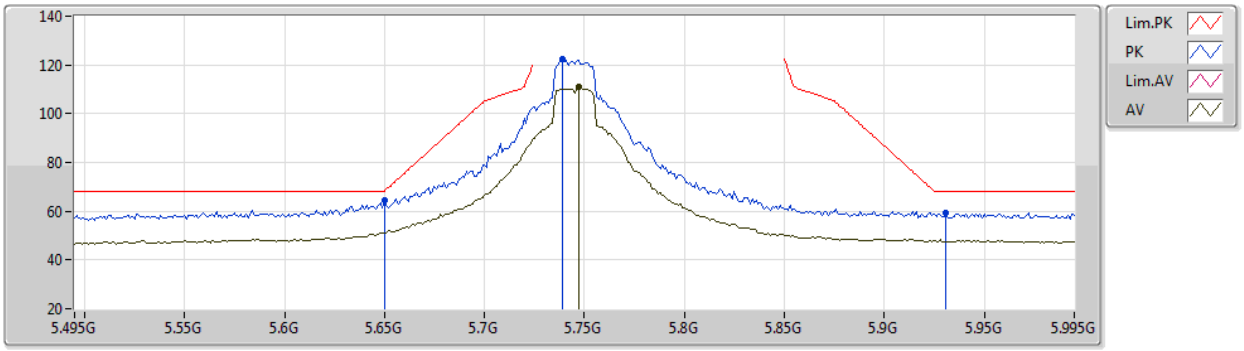
EUT Z_4TX
Setting 107
02-B-C-5

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	15.72108G	63.42	74.00	-10.58	49.72	3	Horizontal	5	2.13	-	37.46	9.10	32.86
AV	15.72252G	48.39	54.00	-5.61	34.70	3	Horizontal	5	2.13	-	37.45	9.10	32.86

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TX

01/04/2021



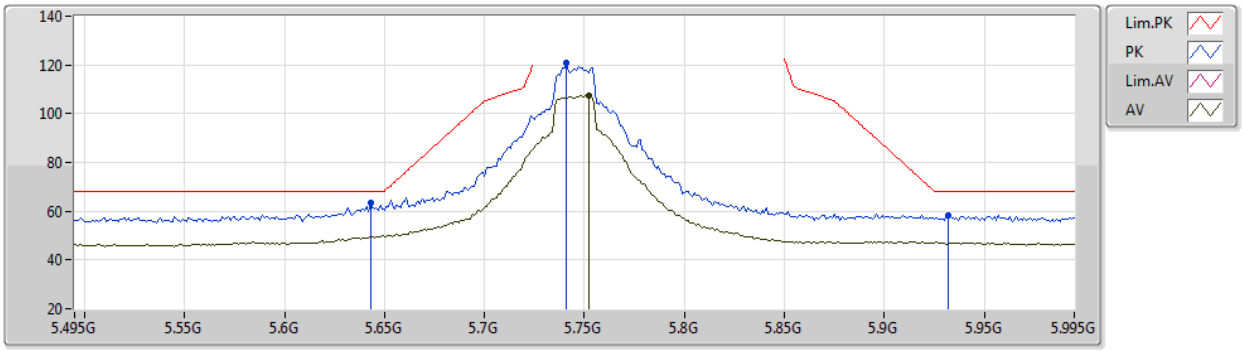
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.65G	64.50	68.20	-3.70	56.91	3	Vertical	93	2.65	-	33.90	5.15	31.46
PK	5.739G	122.34	Inf	-Inf	114.94	3	Vertical	93	2.65	-	33.80	5.06	31.46
AV	5.747G	110.93	Inf	-Inf	103.54	3	Vertical	93	2.65	-	33.80	5.05	31.46
PK	5.931G	59.43	68.20	-8.77	51.39	3	Vertical	93	2.65	-	34.10	5.39	31.45

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TX

01/04/2021



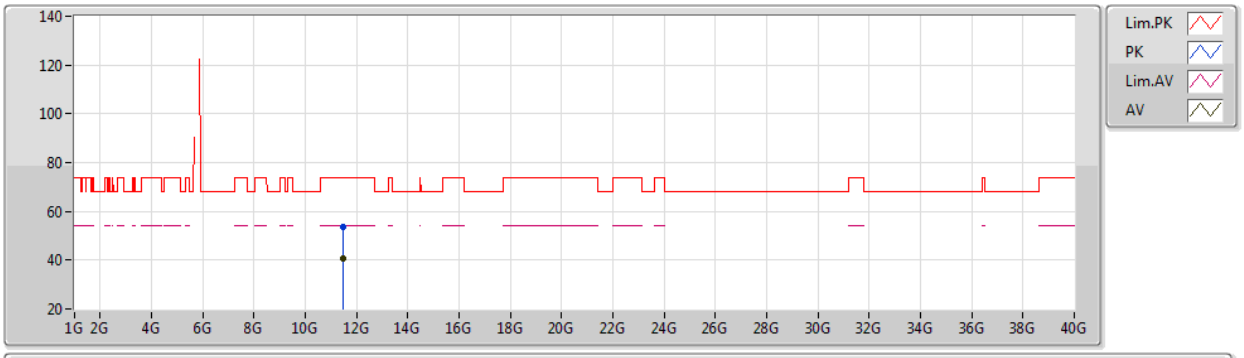
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.643G	63.23	68.20	-4.97	55.63	3	Horizontal	5	2.91	-	33.90	5.16	31.46
PK	5.741G	120.70	Inf	-Inf	113.30	3	Horizontal	5	2.91	-	33.80	5.06	31.46
AV	5.752G	107.47	Inf	-Inf	100.08	3	Horizontal	5	2.91	-	33.80	5.05	31.46
PK	5.932G	58.21	68.20	-9.99	50.16	3	Horizontal	5	2.91	-	34.10	5.40	31.45

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TX

01/04/2021



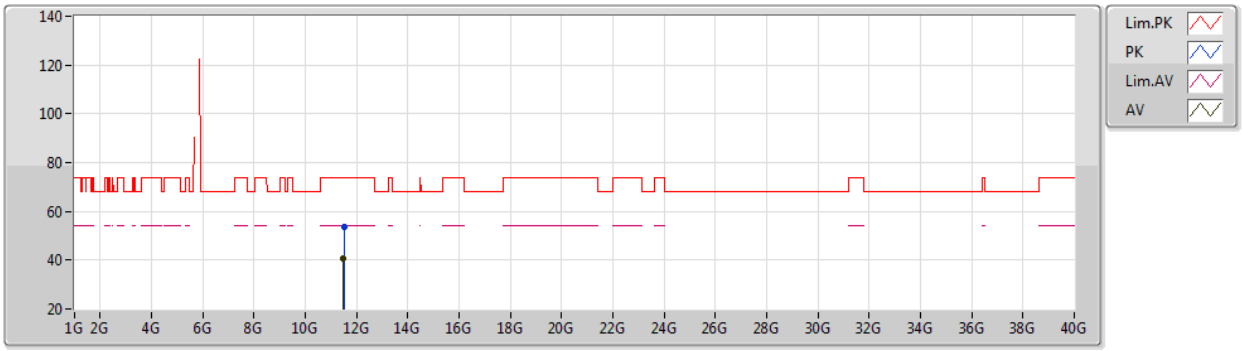
EUT Z_4TX
Setting 108
02-B-C-5

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	11.49006G	53.55	74.00	-20.45	39.88	3	Vertical	258	2.07	-	38.98	7.62	32.93
AV	11.49324G	40.75	54.00	-13.25	27.07	3	Vertical	258	2.07	-	38.99	7.62	32.93

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TX

01/04/2021



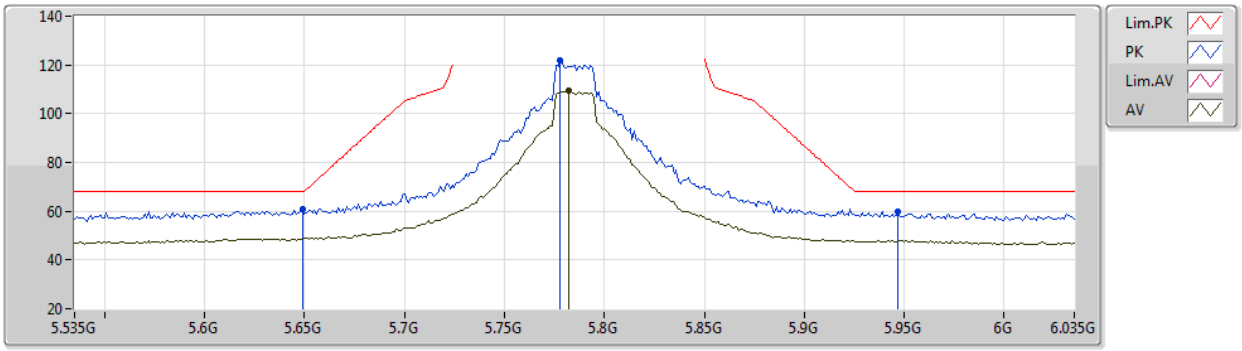
EUT Z_4TX
Setting 108
02-B-C-5

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	11.50206G	53.52	74.00	-20.48	39.81	3	Horizontal	141	1.50	-	39.01	7.63	32.93
AV	11.48274G	40.65	54.00	-13.35	26.98	3	Horizontal	141	1.50	-	38.97	7.62	32.92

802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz_TX

01/04/2021



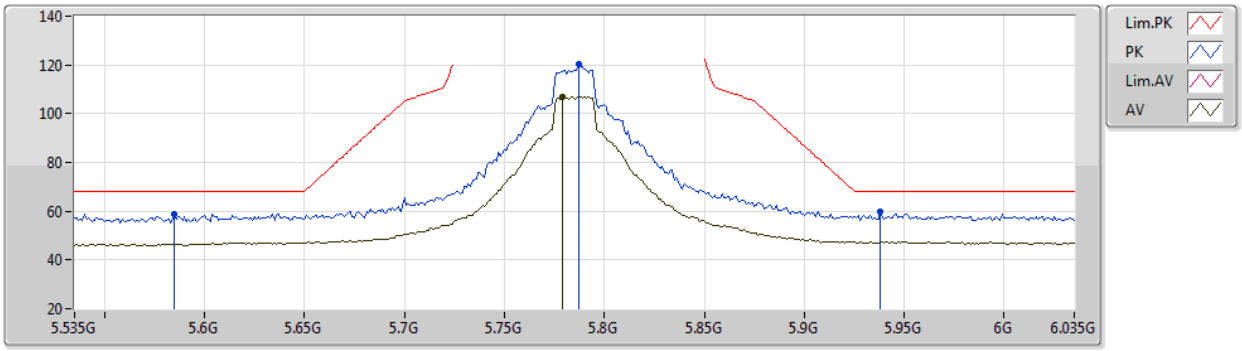
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.649G	60.65	68.20	-7.55	53.06	3	Vertical	338	2.38	-	33.90	5.15	31.46
PK	5.778G	121.73	Inf	-Inf	114.37	3	Vertical	338	2.38	-	33.80	5.02	31.46
AV	5.782G	109.28	Inf	-Inf	101.92	3	Vertical	338	2.38	-	33.80	5.02	31.46
PK	5.947G	59.98	68.20	-8.22	51.89	3	Vertical	338	2.38	-	34.10	5.44	31.45

802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz_TX

01/04/2021



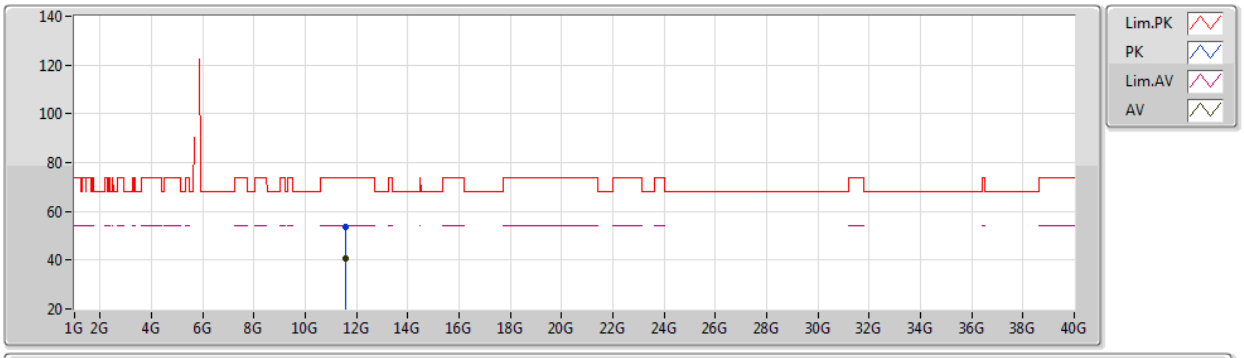
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.585G	58.97	68.20	-9.23	51.35	3	Horizontal	13	2.55	-	33.90	5.19	31.47
PK	5.787G	120.43	Inf	-Inf	113.08	3	Horizontal	13	2.55	-	33.80	5.01	31.46
AV	5.779G	106.97	Inf	-Inf	99.61	3	Horizontal	13	2.55	-	33.80	5.02	31.46
PK	5.938G	59.91	68.20	-8.29	51.85	3	Horizontal	13	2.55	-	34.10	5.41	31.45

802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz_TX

01/04/2021



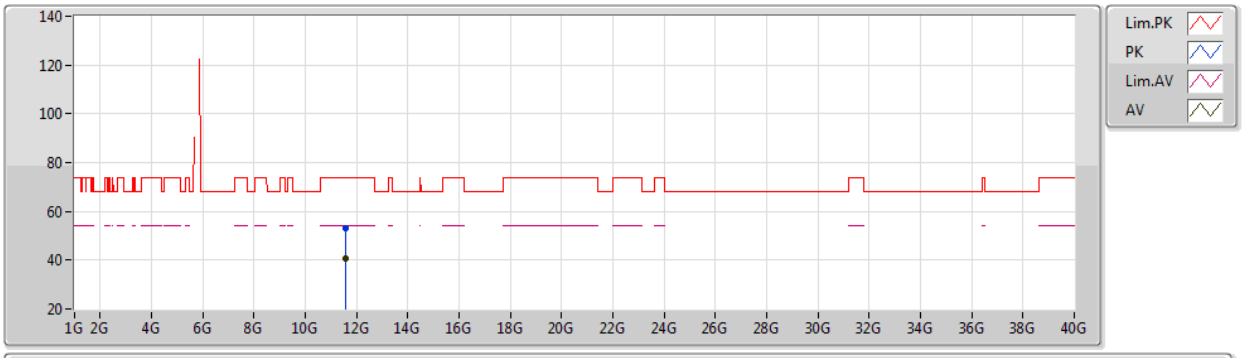
EUT Z_4TX
Setting 108
02-B-C-5

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	11.5682G	53.41	74.00	-20.59	39.49	3	Vertical	23	2.21	-	39.20	7.65	32.93
AV	11.56466G	40.62	54.00	-13.38	26.71	3	Vertical	23	2.21	-	39.19	7.65	32.93

802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz_TX

01/04/2021



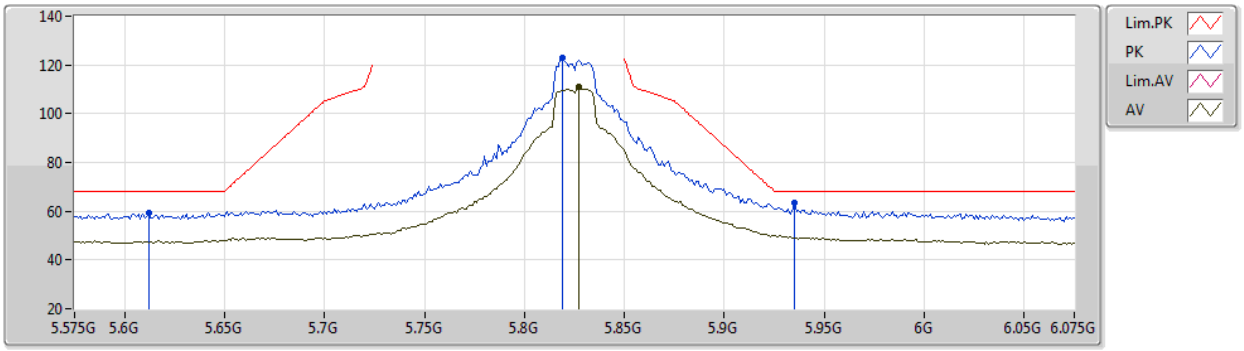
EUT Z_4TX
Setting 108
02-B-C-5

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	11.57966G	53.21	74.00	-20.79	39.25	3	Horizontal	36	2.08	-	39.24	7.65	32.93
AV	11.56604G	40.58	54.00	-13.42	26.66	3	Horizontal	36	2.08	-	39.20	7.65	32.93

802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz_TX

01/04/2021



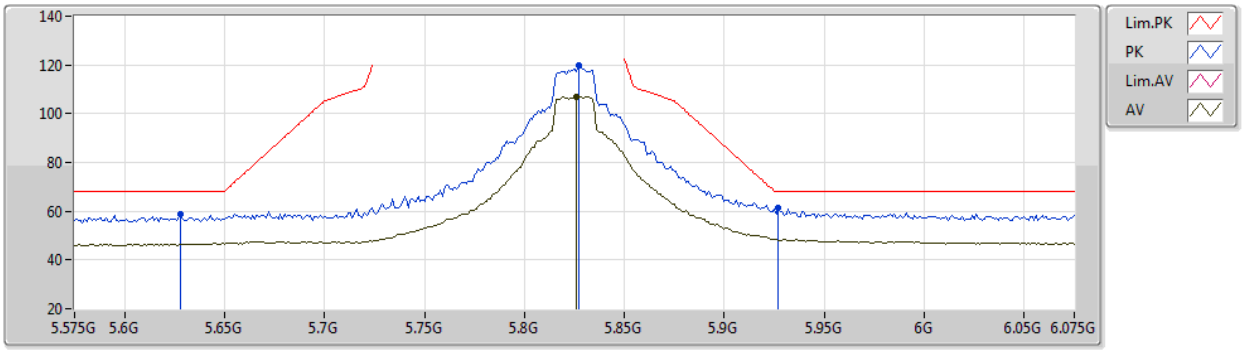
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.612G	59.43	68.20	-8.77	51.81	3	Vertical	91	2.93	-	33.90	5.19	31.47
PK	5.819G	122.89	Inf	-Inf	115.45	3	Vertical	91	2.93	-	33.84	5.06	31.46
AV	5.827G	110.84	Inf	-Inf	103.37	3	Vertical	91	2.93	-	33.85	5.08	31.46
PK	5.935G	63.38	68.20	-4.82	55.32	3	Vertical	91	2.93	-	34.10	5.41	31.45

802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz_TX

01/04/2021



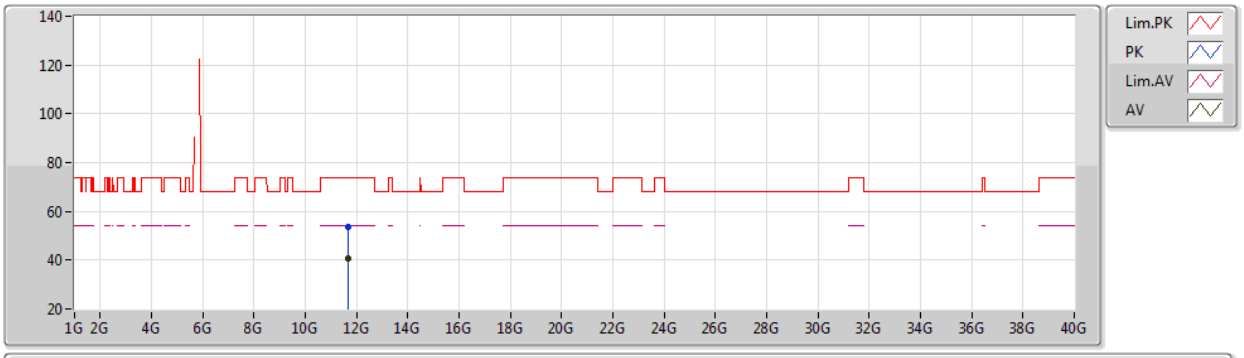
EUT Z_4TX
Setting 108
02-B-R-5-10

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	5.628G	58.73	68.20	-9.47	51.12	3	Horizontal	11	2.41	-	33.90	5.17	31.46
PK	5.827G	119.90	Inf	-Inf	112.43	3	Horizontal	11	2.41	-	33.85	5.08	31.46
AV	5.826G	106.87	Inf	-Inf	99.40	3	Horizontal	11	2.41	-	33.85	5.08	31.46
PK	5.927G	61.16	68.20	-7.04	53.13	3	Horizontal	11	2.41	-	34.10	5.38	31.45

802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz_TX

01/04/2021



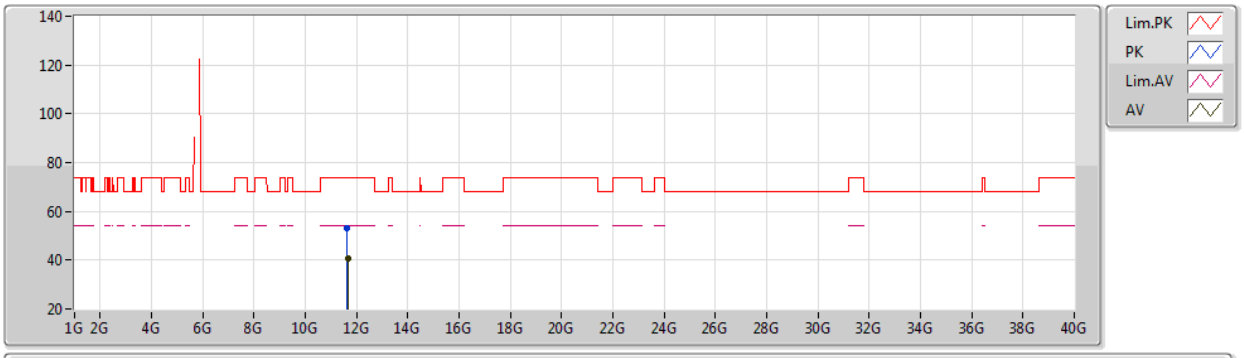
EUT Z_4TX
Setting 108
02-B-C-5

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	11.66002G	53.45	74.00	-20.55	39.28	3	Vertical	307	1.80	-	39.42	7.68	32.93
AV	11.6536G	40.83	54.00	-13.17	26.67	3	Vertical	307	1.80	-	39.41	7.68	32.93

802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz_TX

01/04/2021



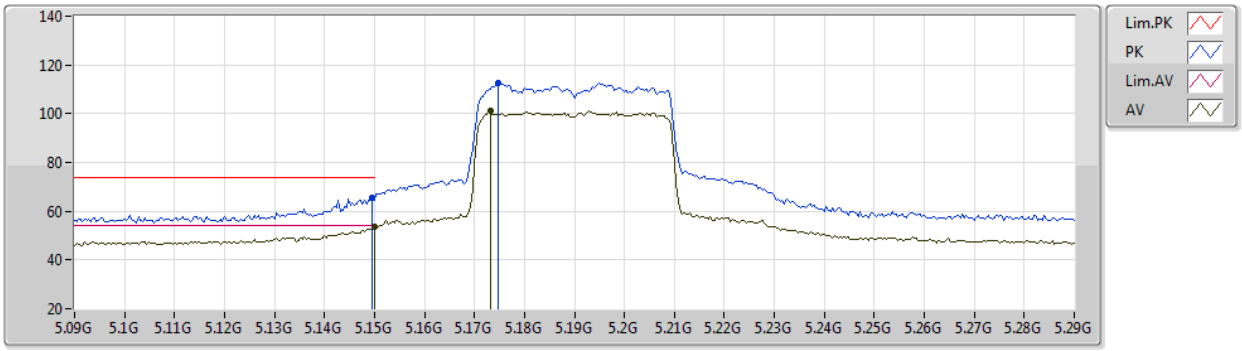
EUT Z_4TX
Setting 108
02-B-C-5

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	11.63518G	53.04	74.00	-20.96	38.93	3	Horizontal	334	2.43	-	39.37	7.67	32.93
AV	11.6479G	40.74	54.00	-13.26	26.59	3	Horizontal	334	2.43	-	39.40	7.68	32.93

802.11ax HEW40_Nss4,(MCS0)_4TX

5190MHz_TX

01/04/2021



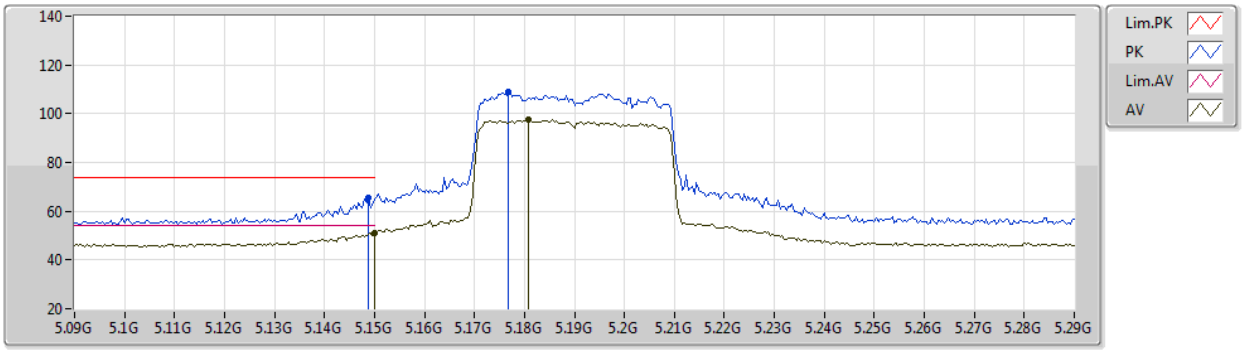
EUT Z_4TX
Setting 75
02-B-R-5-10

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	5.1496G	65.48	74.00	-8.52	58.71	3	Vertical	102	2.59	-	33.50	5.00	31.73
AV	5.15G	53.84	54.00	-0.16	47.07	3	Vertical	102	2.59	-	33.50	5.00	31.73
PK	5.1748G	112.43	Inf	-Inf	105.59	3	Vertical	102	2.59	-	33.50	5.05	31.71
AV	5.1732G	101.12	Inf	-Inf	94.28	3	Vertical	102	2.59	-	33.50	5.05	31.71

802.11ax HEW40_Nss4,(MCS0)_4TX

5190MHz_TX

01/04/2021



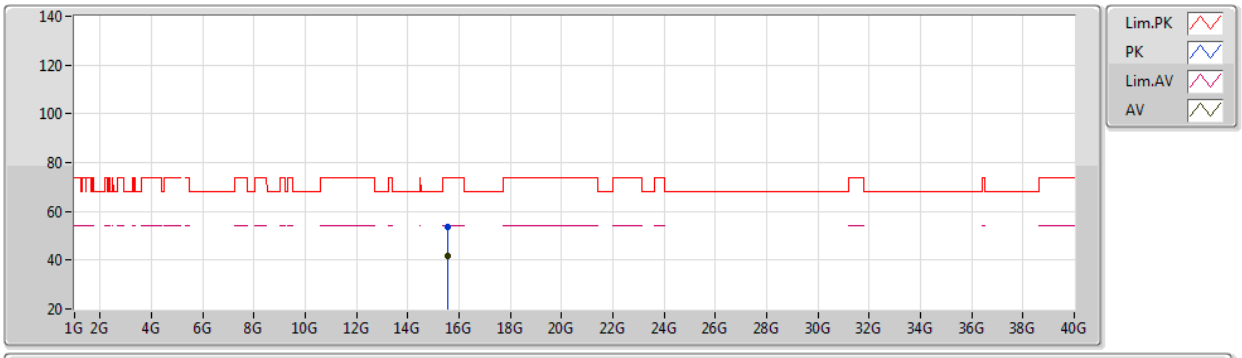
EUT Z_4TX
Setting 75
02-B-R-5-10

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	5.1488G	65.33	74.00	-8.67	58.56	3	Horizontal	346	2.95	-	33.50	5.00	31.73
AV	5.15G	51.15	54.00	-2.85	44.38	3	Horizontal	346	2.95	-	33.50	5.00	31.73
PK	5.1768G	108.80	Inf	-Inf	101.96	3	Horizontal	346	2.95	-	33.50	5.05	31.71
AV	5.1808G	97.71	Inf	-Inf	90.86	3	Horizontal	346	2.95	-	33.50	5.06	31.71

802.11ax HEW40_Nss4,(MCS0)_4TX

5190MHz_TX

01/04/2021



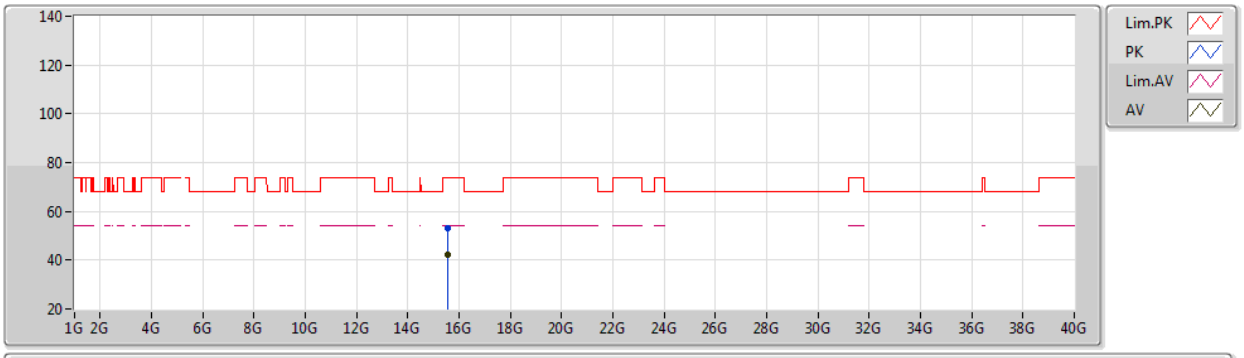
EUT Z_4TX
Setting 75
02-B-C-5

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	15.55524G	53.43	74.00	-20.57	39.65	3	Vertical	214	1.13	-	37.58	9.04	32.84
AV	15.5814G	41.94	54.00	-12.06	28.27	3	Vertical	214	1.13	-	37.47	9.05	32.85

802.11ax HEW40_Nss4,(MCS0)_4TX

5190MHz_TX

01/04/2021



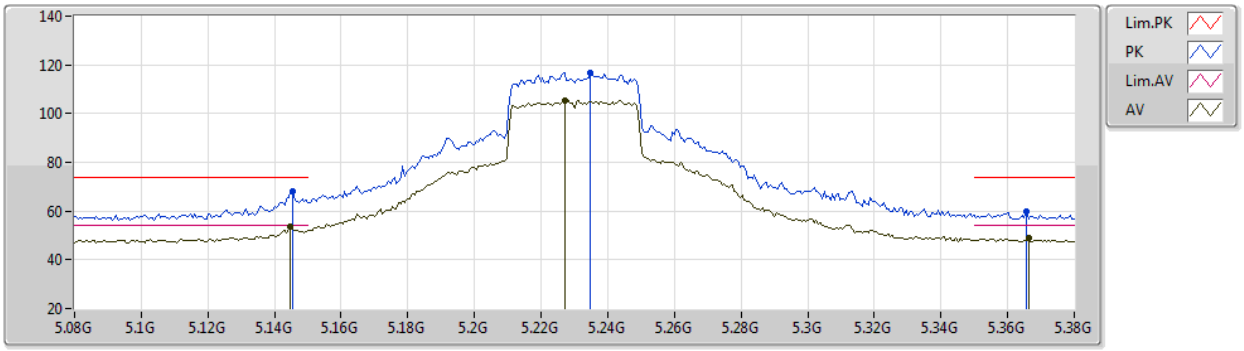
EUT Z_4TX
Setting 75
02-B-C-5

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	15.57762G	53.16	74.00	-20.84	39.47	3	Horizontal	37	1.35	-	37.49	9.05	32.85
AV	15.57516G	42.38	54.00	-11.62	28.68	3	Horizontal	37	1.35	-	37.50	9.05	32.85

802.11ax HEW40_Nss4,(MCS0)_4TX

5230MHz_TX

01/04/2021



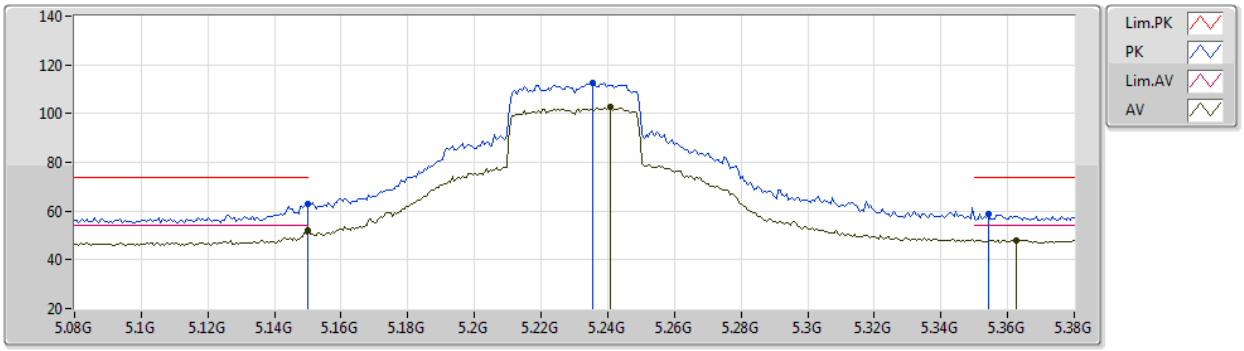
EUT Z_4TX
Setting 93
02-B-R-5-10

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	5.1454G	67.90	74.00	-6.10	61.15	3	Vertical	360	2.70	-	33.49	4.99	31.73
AV	5.1448G	53.84	54.00	-0.16	47.09	3	Vertical	360	2.70	-	33.49	4.99	31.73
PK	5.2348G	116.77	Inf	-Inf	109.79	3	Vertical	360	2.70	-	33.57	5.08	31.67
AV	5.227G	105.55	Inf	-Inf	98.58	3	Vertical	360	2.70	-	33.55	5.09	31.67
PK	5.3656G	59.74	74.00	-14.26	52.49	3	Vertical	360	2.70	-	33.80	5.02	31.57
AV	5.3662G	48.72	54.00	-5.28	41.47	3	Vertical	360	2.70	-	33.80	5.02	31.57

802.11ax HEW40_Nss4,(MCS0)_4TX

5230MHz_TX

01/04/2021



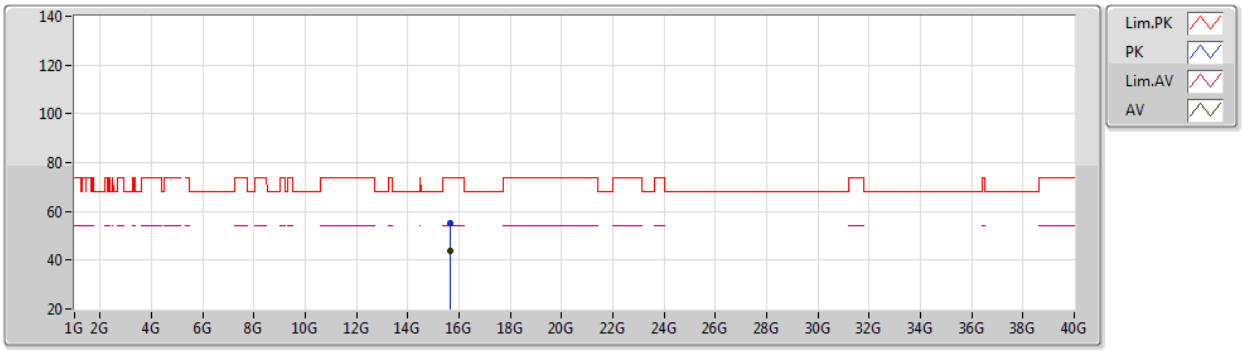
EUT Z_4TX
Setting 93
02-B-R-5-10

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	62.90	74.00	-11.10	56.13	3	Horizontal	340	2.76	-	33.50	5.00	31.73
AV	5.15G	51.87	54.00	-2.13	45.10	3	Horizontal	340	2.76	-	33.50	5.00	31.73
PK	5.2354G	112.63	Inf	-Inf	105.65	3	Horizontal	340	2.76	-	33.57	5.08	31.67
AV	5.2408G	102.86	Inf	-Inf	95.86	3	Horizontal	340	2.76	-	33.58	5.08	31.66
PK	5.3542G	58.61	74.00	-15.39	51.37	3	Horizontal	340	2.76	-	33.80	5.02	31.58
AV	5.3626G	48.14	54.00	-5.86	40.89	3	Horizontal	340	2.76	-	33.80	5.02	31.57

802.11ax HEW40_Nss4,(MCS0)_4TX

5230MHz_TX

01/04/2021



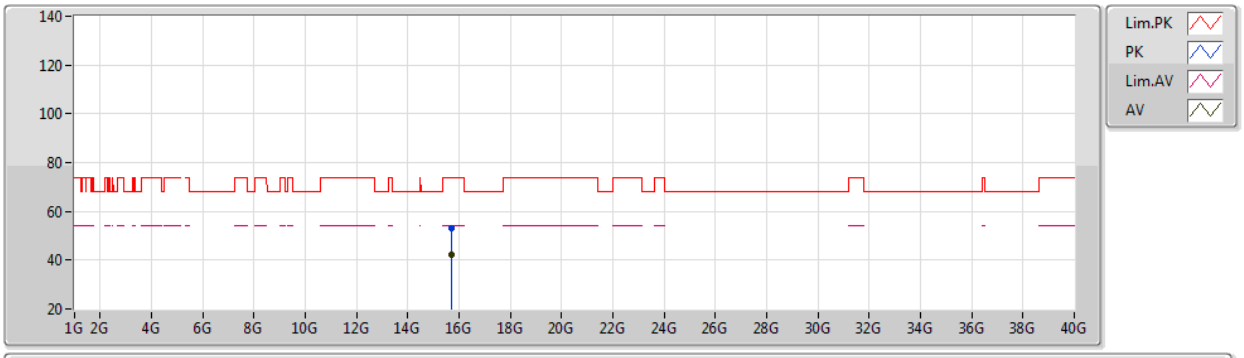
EUT Z_4TX
Setting 93
02-B-C-5

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	15.6756G	54.97	74.00	-19.03	41.25	3	Vertical	345	1.80	-	37.48	9.09	32.85
AV	15.6759G	43.92	54.00	-10.08	30.20	3	Vertical	345	1.80	-	37.48	9.09	32.85

802.11ax HEW40_Nss4,(MCS0)_4TX

5230MHz_TX

01/04/2021



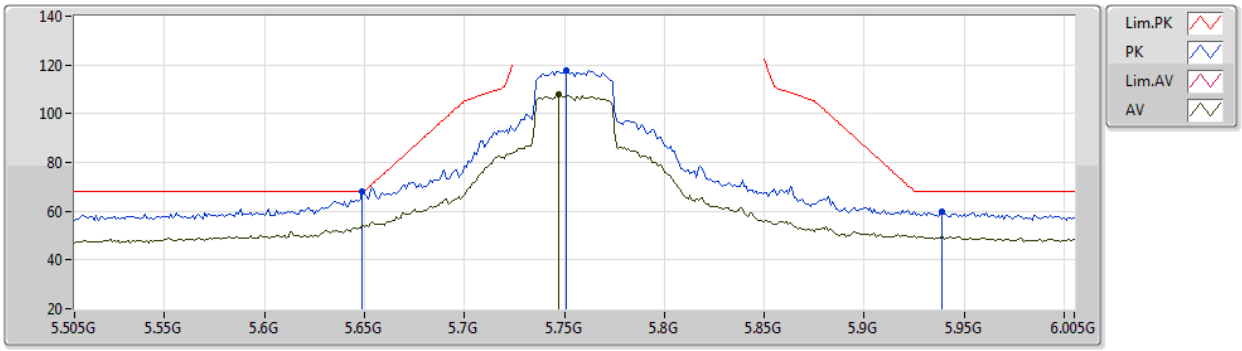
EUT Z_4TX
Setting 93
02-B-C-5

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	15.69312G	52.91	74.00	-21.09	39.19	3	Horizontal	169	1.71	-	37.49	9.09	32.86
AV	15.68382G	42.11	54.00	-11.89	28.39	3	Horizontal	169	1.71	-	37.48	9.09	32.85

802.11ax HEW40_Nss4,(MCS0)_4TX

5755MHz_TX

01/04/2021



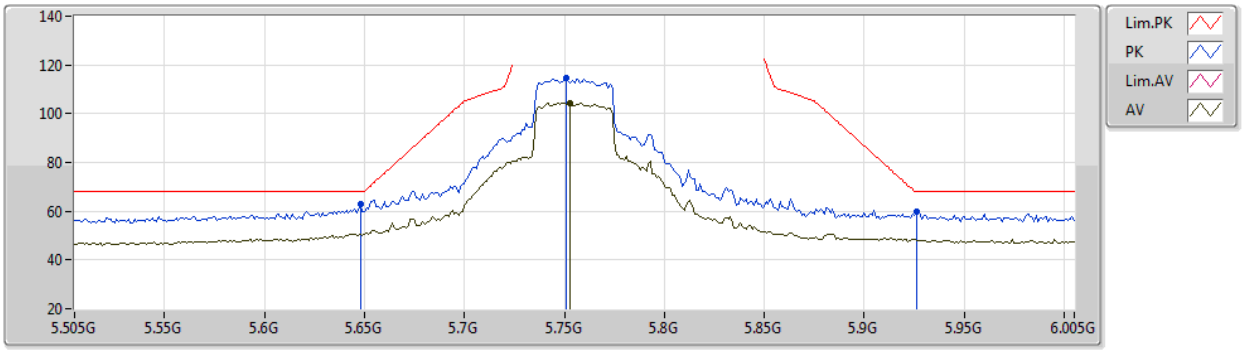
EUT Z_4TX
Setting 101
02-B-R-5-10

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	5.649G	68.04	68.20	-0.16	60.45	3	Vertical	94	2.64	-	33.90	5.15	31.46
PK	5.751G	117.89	Inf	-Inf	110.50	3	Vertical	94	2.64	-	33.80	5.05	31.46
AV	5.747G	107.76	Inf	-Inf	100.37	3	Vertical	94	2.64	-	33.80	5.05	31.46
PK	5.939G	60.00	68.20	-8.20	51.93	3	Vertical	94	2.64	-	34.10	5.42	31.45

802.11ax HEW40_Nss4,(MCS0)_4TX

5755MHz_TX

01/04/2021



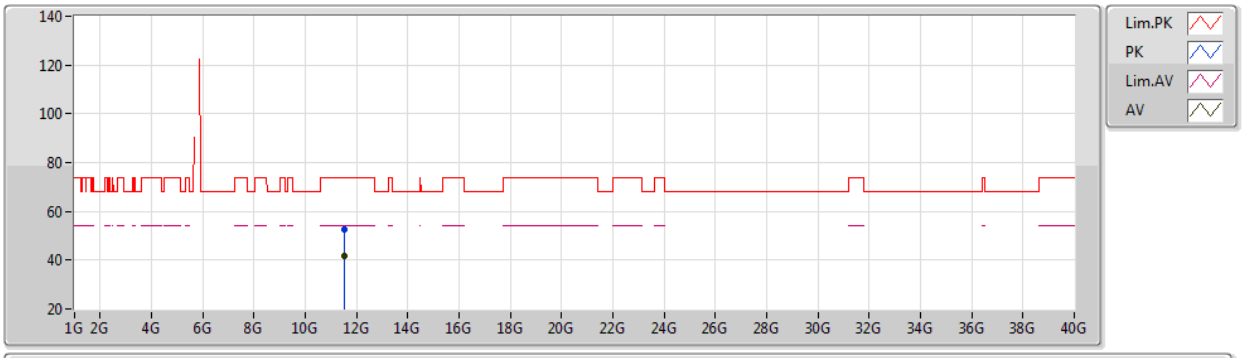
EUT Z_4TX
Setting 101
02-B-R-5-10

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	5.648G	63.18	68.20	-5.02	55.59	3	Horizontal	6	2.92	-	33.90	5.15	31.46
PK	5.751G	114.40	Inf	-Inf	107.01	3	Horizontal	6	2.92	-	33.80	5.05	31.46
AV	5.753G	104.54	Inf	-Inf	97.15	3	Horizontal	6	2.92	-	33.80	5.05	31.46
PK	5.926G	59.59	68.20	-8.61	51.56	3	Horizontal	6	2.92	-	34.10	5.38	31.45

802.11ax HEW40_Nss4,(MCS0)_4TX

5755MHz_TX

01/04/2021



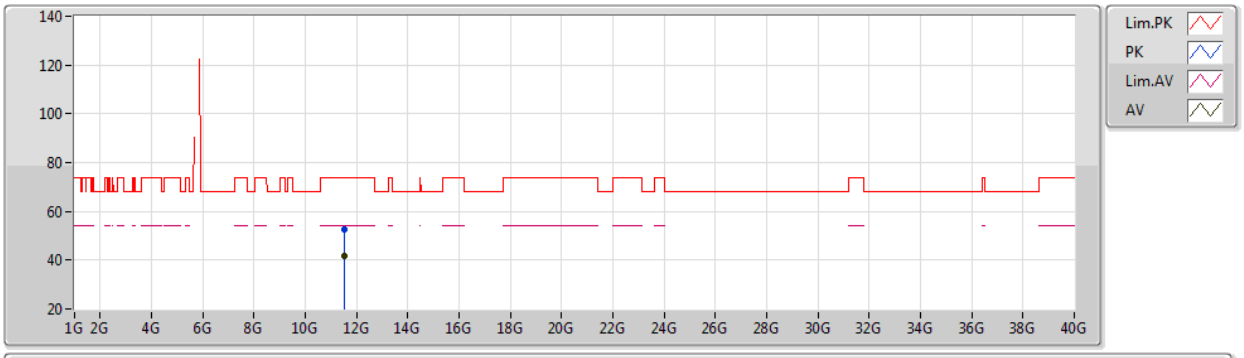
EUT Z_4TX
Setting 101
02-B-C-5

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	11.50892G	52.46	74.00	-21.54	38.73	3	Vertical	223	2.06	-	39.03	7.63	32.93
AV	11.5199G	41.56	54.00	-12.44	27.80	3	Vertical	223	2.06	-	39.06	7.63	32.93

802.11ax HEW40_Nss4,(MCS0)_4TX

5755MHz_TX

01/04/2021



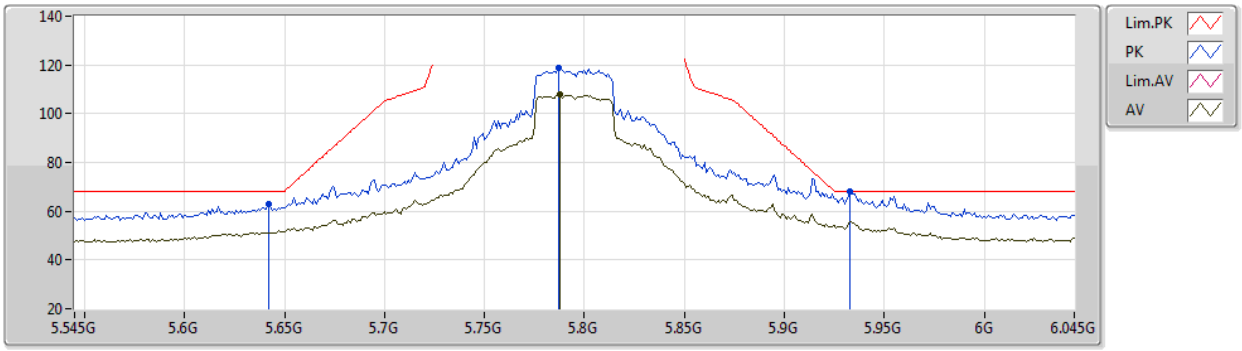
EUT Z_4TX
Setting 101
02-B-C-5

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	11.5142G	52.70	74.00	-21.30	38.96	3	Horizontal	56	1.93	-	39.04	7.63	32.93
AV	11.50634G	41.53	54.00	-12.47	27.81	3	Horizontal	56	1.93	-	39.02	7.63	32.93

802.11ax HEW40_Nss4,(MCS0)_4TX

5795MHz_TX

01/04/2021



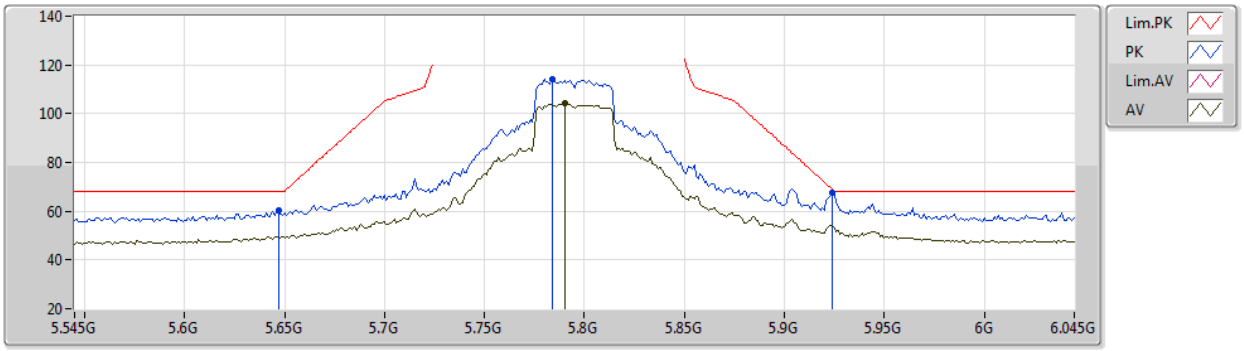
EUT Z_4TX
Setting 104
02-B-R-5-10

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	5.642G	63.17	68.20	-5.03	55.57	3	Vertical	90	2.97	-	33.90	5.16	31.46
PK	5.787G	118.70	Inf	-Inf	111.35	3	Vertical	90	2.97	-	33.80	5.01	31.46
AV	5.788G	107.71	Inf	-Inf	100.36	3	Vertical	90	2.97	-	33.80	5.01	31.46
PK	5.933G	67.90	68.20	-0.30	59.85	3	Vertical	90	2.97	-	34.10	5.40	31.45

802.11ax HEW40_Nss4,(MCS0)_4TX

5795MHz_TX

01/04/2021



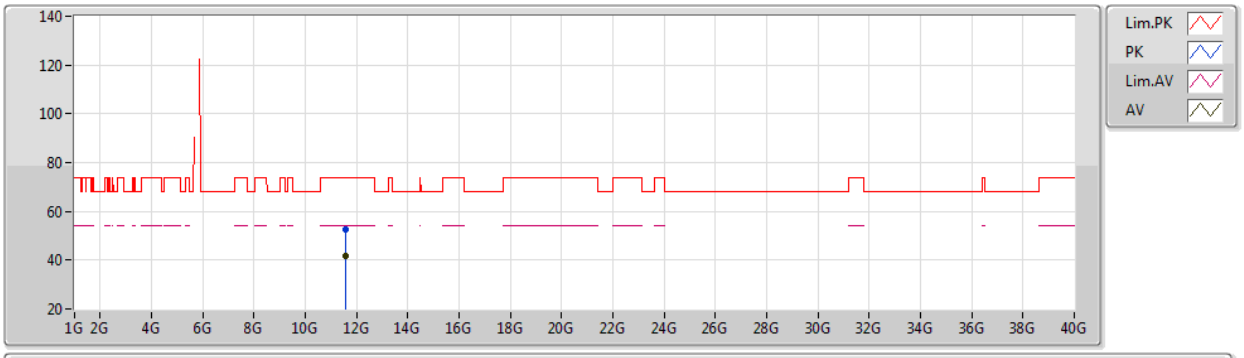
EUT Z_4TX
Setting 104
02-B-R-5-10

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	5.647G	60.32	68.20	-7.88	52.73	3	Horizontal	8	2.88	-	33.90	5.15	31.46
PK	5.784G	114.16	Inf	-Inf	106.80	3	Horizontal	8	2.88	-	33.80	5.02	31.46
AV	5.79G	104.41	Inf	-Inf	97.06	3	Horizontal	8	2.88	-	33.80	5.01	31.46
PK	5.924G	67.74	68.94	-1.20	59.72	3	Horizontal	8	2.88	-	34.10	5.37	31.45

802.11ax HEW40_Nss4,(MCS0)_4TX

5795MHz_TX

01/04/2021



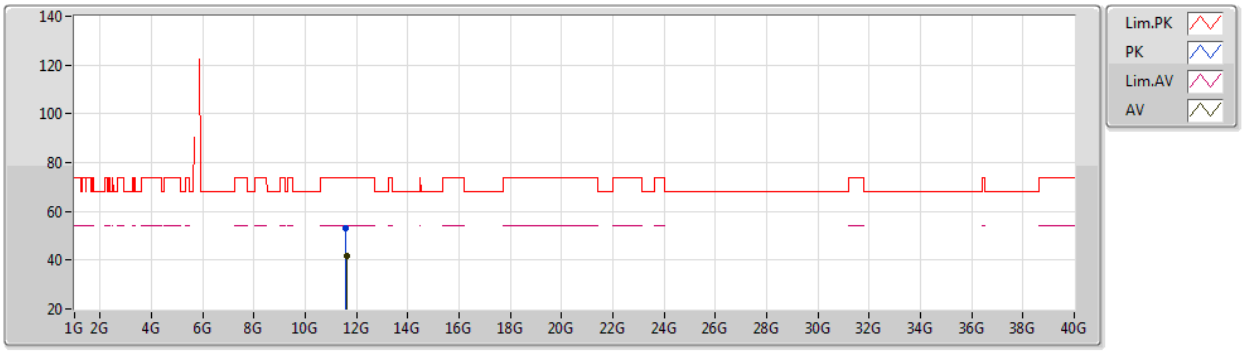
EUT Z_4TX
Setting 104
02-B-C-5

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	11.5921G	52.84	74.00	-21.16	38.83	3	Vertical	0	1.27	-	39.28	7.66	32.93
AV	11.58208G	41.89	54.00	-12.11	27.92	3	Vertical	0	1.27	-	39.25	7.65	32.93

802.11ax HEW40_Nss4,(MCS0)_4TX

5795MHz_TX

01/04/2021



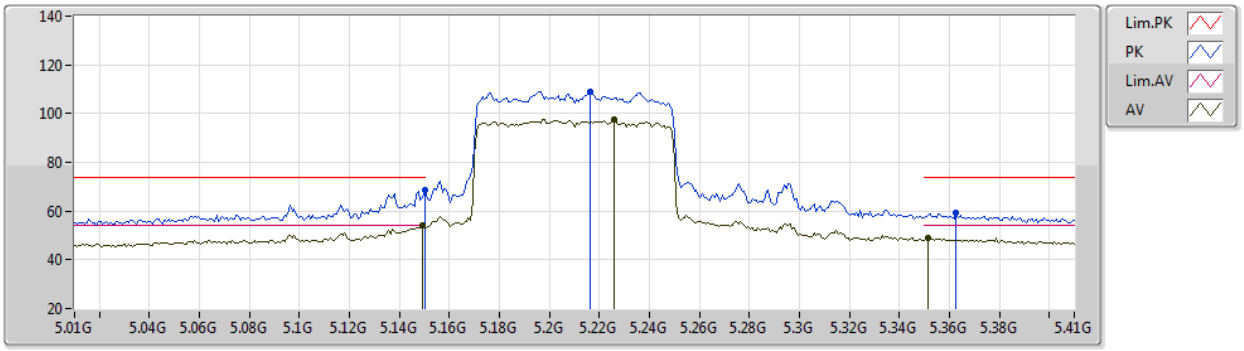
EUT Z_4TX
Setting 104
02-B-C-5

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	11.57992G	53.17	74.00	-20.83	39.21	3	Horizontal	6	1.85	-	39.24	7.65	32.93
AV	11.59972G	41.96	54.00	-12.04	27.93	3	Horizontal	6	1.85	-	39.30	7.66	32.93

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TX

01/04/2021



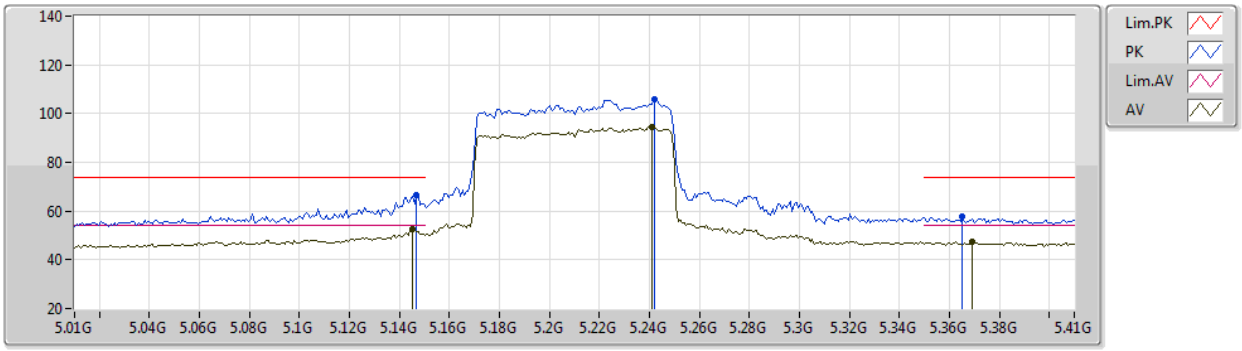
EUT Z_4TX
Setting 75
02-B-R-5-10

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	68.85	74.00	-5.15	62.08	3	Vertical	104	2.85	-	33.50	5.00	31.73
AV	5.1492G	53.93	54.00	-0.07	47.16	3	Vertical	104	2.85	-	33.50	5.00	31.73
PK	5.2164G	109.20	Inf	-Inf	102.26	3	Vertical	104	2.85	-	33.53	5.09	31.68
AV	5.226G	97.52	Inf	-Inf	90.55	3	Vertical	104	2.85	-	33.55	5.09	31.67
PK	5.3628G	59.53	74.00	-14.47	52.28	3	Vertical	104	2.85	-	33.80	5.02	31.57
AV	5.3516G	48.78	54.00	-5.22	41.54	3	Vertical	104	2.85	-	33.80	5.02	31.58

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TX

01/04/2021



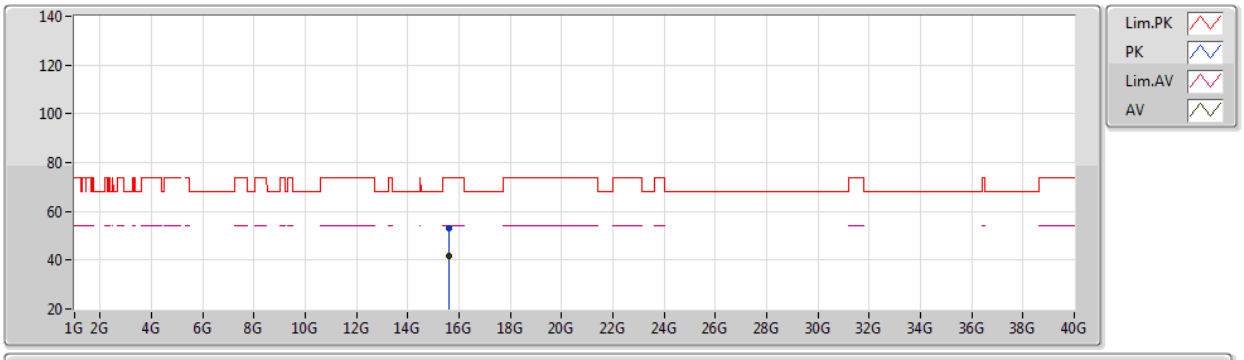
EUT Z_4TX
Setting 75
02-B-R-5-10

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	5.1468G	66.54	74.00	-7.46	59.79	3	Horizontal	4	2.85	-	33.49	4.99	31.73
AV	5.1452G	52.43	54.00	-1.57	45.68	3	Horizontal	4	2.85	-	33.49	4.99	31.73
PK	5.242G	105.83	Inf	-Inf	98.83	3	Horizontal	4	2.85	-	33.58	5.08	31.66
AV	5.2412G	94.62	Inf	-Inf	87.62	3	Horizontal	4	2.85	-	33.58	5.08	31.66
PK	5.3652G	57.72	74.00	-16.28	50.47	3	Horizontal	4	2.85	-	33.80	5.02	31.57
AV	5.3692G	47.23	54.00	-6.77	39.98	3	Horizontal	4	2.85	-	33.80	5.02	31.57

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TX

01/04/2021



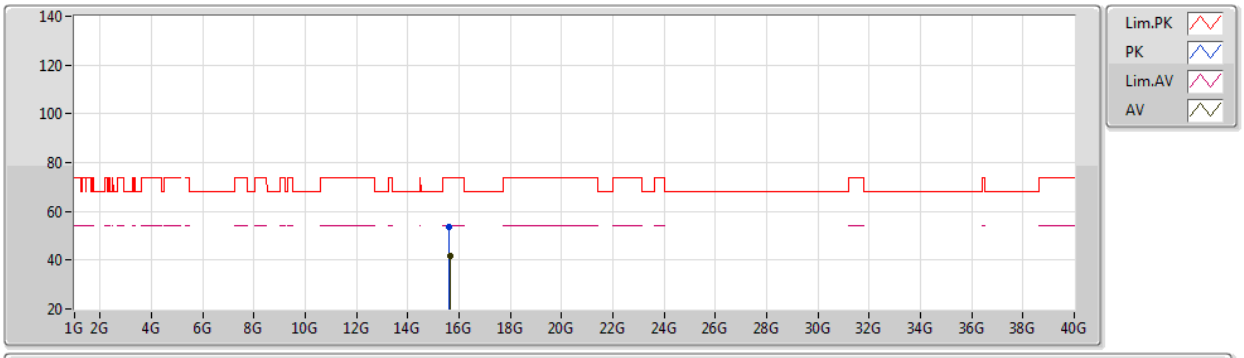
EUT Z_4TX
Setting 75
02-B-C-5

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	15.61764G	52.97	74.00	-21.03	39.33	3	Vertical	344	2.12	-	37.42	9.07	32.85
AV	15.62088G	41.93	54.00	-12.07	28.29	3	Vertical	344	2.12	-	37.42	9.07	32.85

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TX

01/04/2021



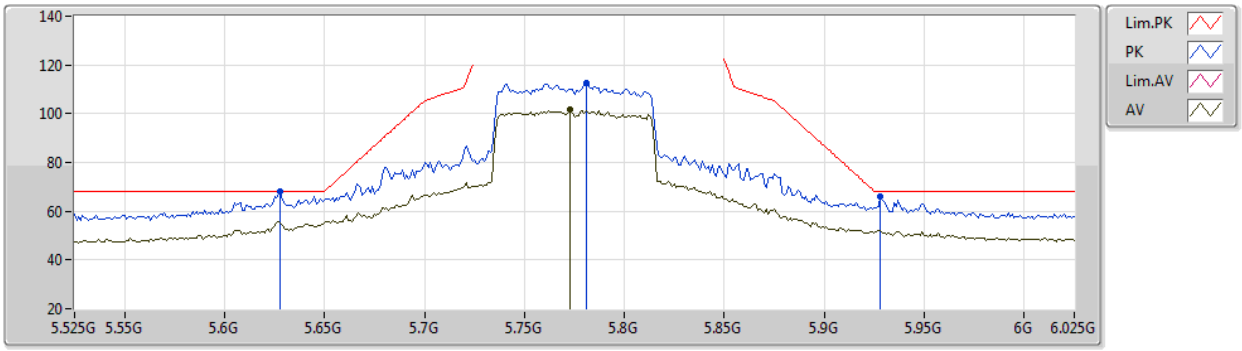
EUT Z_4TX
Setting 75
02-B-C-5

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	15.6297G	53.66	74.00	-20.34	40.01	3	Horizontal	298	2.15	-	37.43	9.07	32.85
AV	15.63822G	41.56	54.00	-12.44	27.90	3	Horizontal	298	2.15	-	37.44	9.07	32.85

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TX

01/04/2021



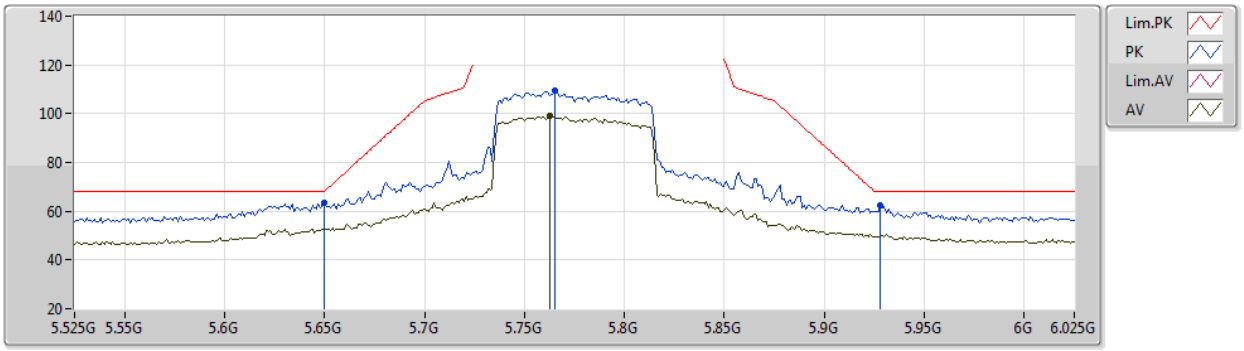
EUT Z_4TX
Setting 89
02-B-R-5-10

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	5.628G	67.90	68.20	-0.30	60.29	3	Vertical	97	1.00	-	33.90	5.17	31.46
PK	5.781G	112.44	Inf	-Inf	105.08	3	Vertical	97	1.00	-	33.80	5.02	31.46
AV	5.773G	101.52	Inf	-Inf	94.15	3	Vertical	97	1.00	-	33.80	5.03	31.46
PK	5.928G	66.10	68.20	-2.10	58.07	3	Vertical	97	1.00	-	34.10	5.38	31.45

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TX

01/04/2021



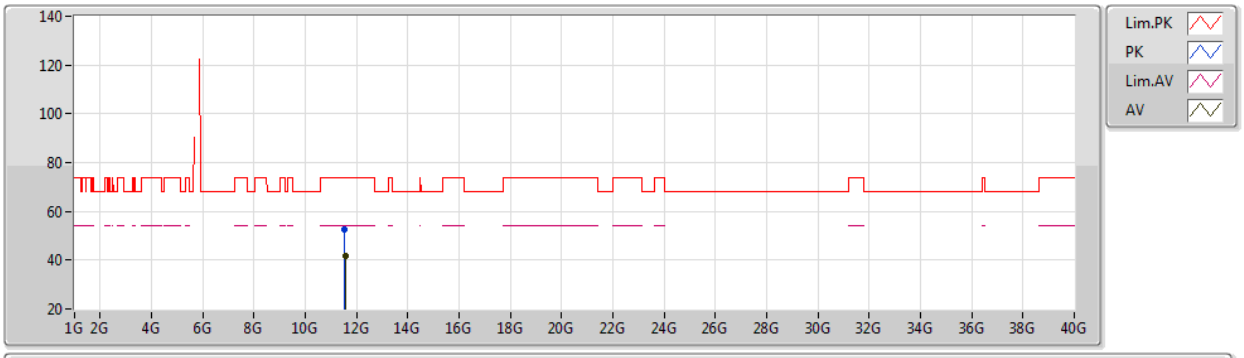
EUT Z_4TX
Setting 89
02-B-R-5-10

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	5.65G	63.34	68.20	-4.86	55.75	3	Horizontal	7	2.90	-	33.90	5.15	31.46
PK	5.765G	109.57	Inf	-Inf	102.19	3	Horizontal	7	2.90	-	33.80	5.04	31.46
AV	5.763G	99.30	Inf	-Inf	91.92	3	Horizontal	7	2.90	-	33.80	5.04	31.46
PK	5.928G	62.24	68.20	-5.96	54.21	3	Horizontal	7	2.90	-	34.10	5.38	31.45

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TX

01/04/2021



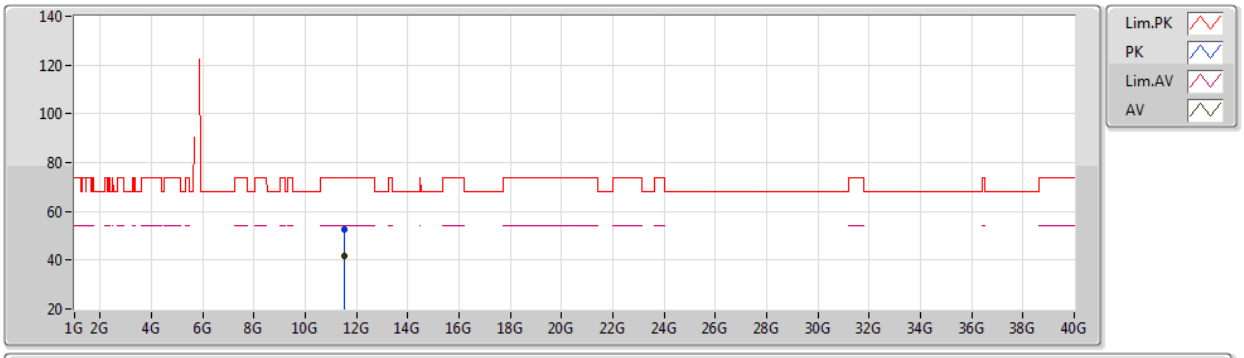
EUT Z_4TX
Setting 89
02-B-C-5

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	11.54232G	52.78	74.00	-21.22	38.94	3	Vertical	81	2.23	-	39.13	7.64	32.93
AV	11.54976G	41.49	54.00	-12.51	27.63	3	Vertical	81	2.23	-	39.15	7.64	32.93

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TX

01/04/2021



EUT Z_4TX
Setting 89
02-B-C-5

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	11.53872G	52.65	74.00	-21.35	38.82	3	Horizontal	214	2.06	-	39.12	7.64	32.93
AV	11.53656G	41.49	54.00	-12.51	27.67	3	Horizontal	214	2.06	-	39.11	7.64	32.93

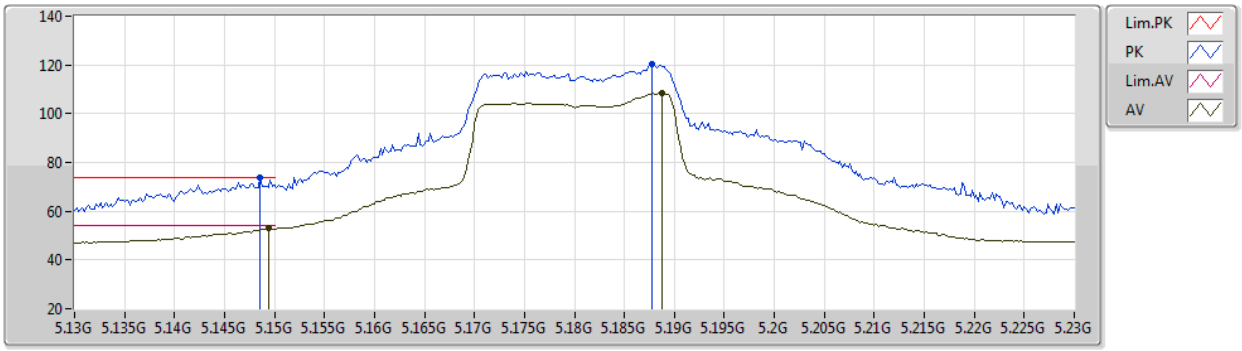
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.639G	68.18	68.20	-0.02	3	Vertical	93	1.03	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

10/04/2021



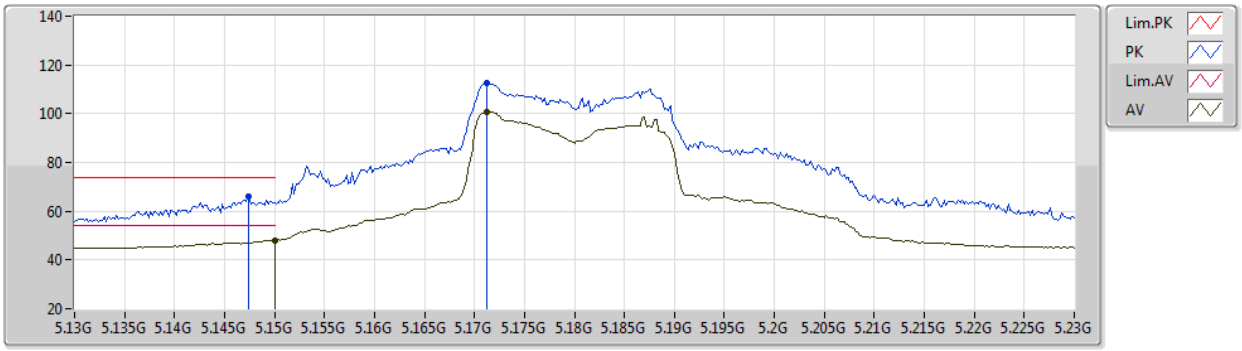
EUT Z_4TX
Setting 85
02-B-C-5-10

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	5.1486G	73.89	74.00	-0.11	67.12	3	Vertical	345	2.28	-	33.50	5.00	31.73
AV	5.1494G	52.96	54.00	-1.04	46.19	3	Vertical	345	2.28	-	33.50	5.00	31.73
PK	5.1878G	120.23	Inf	-Inf	113.35	3	Vertical	345	2.28	-	33.50	5.08	31.70
AV	5.1888G	108.44	Inf	-Inf	101.56	3	Vertical	345	2.28	-	33.50	5.08	31.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5180MHz_TX



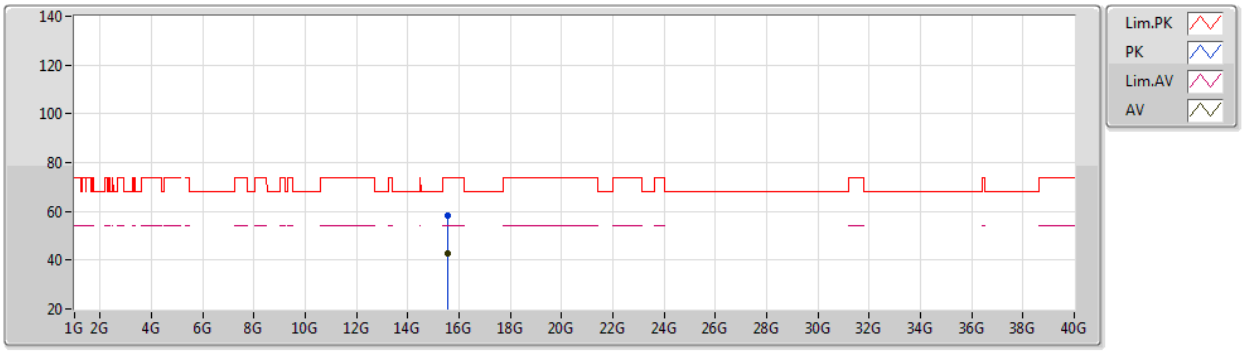
EUT Z_4TX
Setting 85
02-B-C-5-10

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	5.1474G	65.78	74.00	-8.22	59.03	3	Horizontal	94	1.19	-	33.49	4.99	31.73
AV	5.15G	48.00	54.00	-6.00	41.23	3	Horizontal	94	1.19	-	33.50	5.00	31.73
PK	5.1712G	112.51	Inf	-Inf	105.68	3	Horizontal	94	1.19	-	33.50	5.04	31.71
AV	5.1712G	100.80	Inf	-Inf	93.97	3	Horizontal	94	1.19	-	33.50	5.04	31.71

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5180MHz_TX



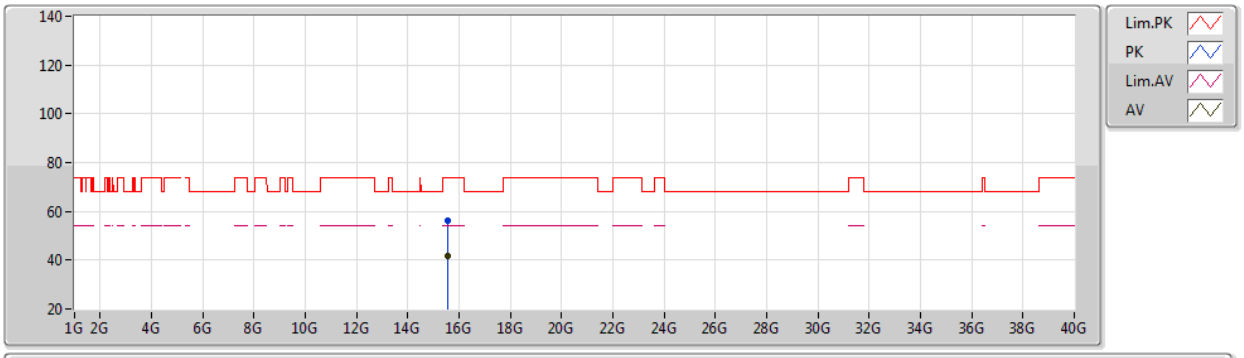
EUT Z_4TX
Setting 85
02-B-C-5

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	15.53946G	58.10	74.00	-15.90	44.26	3	Vertical	77	2.14	-	37.64	9.04	32.84
AV	15.53418G	42.88	54.00	-11.12	29.02	3	Vertical	77	2.14	-	37.66	9.04	32.84

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5180MHz_TX



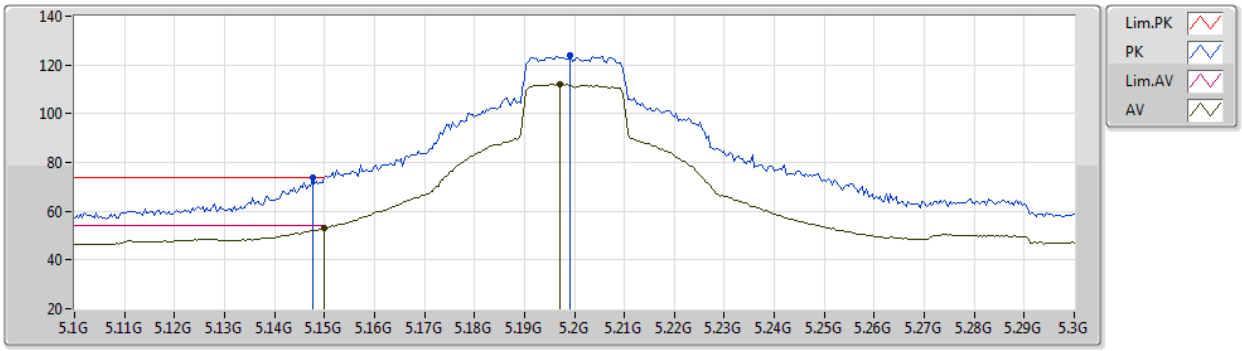
EUT Z_4TX
Setting 85
02-B-C-5

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	15.53466G	56.21	74.00	-17.79	42.35	3	Horizontal	55	2.55	-	37.66	9.04	32.84
AV	15.53868G	41.57	54.00	-12.43	27.72	3	Horizontal	55	2.55	-	37.65	9.04	32.84

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5200MHz_TX



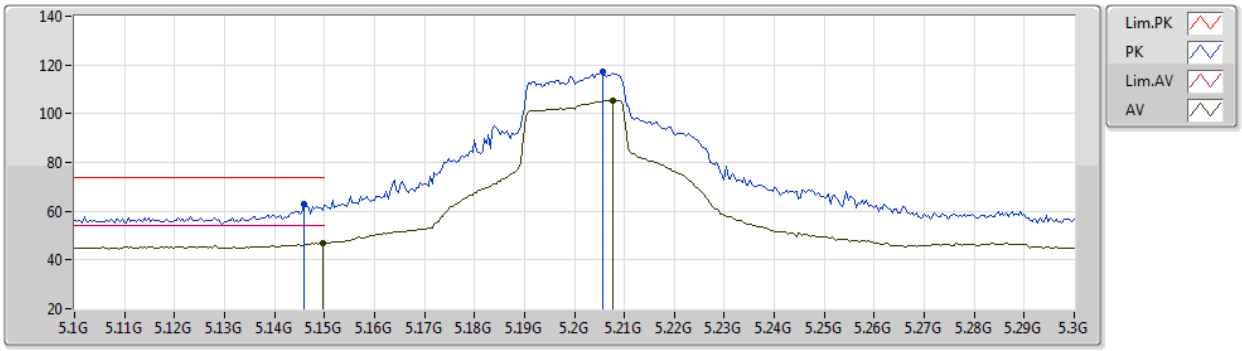
EUT Z_4TX
Setting 96
02-B-C-5-10

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	5.1476G	73.78	74.00	-0.22	67.01	3	Vertical	353	1.23	-	33.50	5.00	31.73
AV	5.15G	53.25	54.00	-0.75	46.48	3	Vertical	353	1.23	-	33.50	5.00	31.73
PK	5.1992G	124.20	Inf	-Inf	117.29	3	Vertical	353	1.23	-	33.50	5.10	31.69
AV	5.1972G	112.01	Inf	-Inf	105.11	3	Vertical	353	1.23	-	33.50	5.09	31.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

10/04/2021



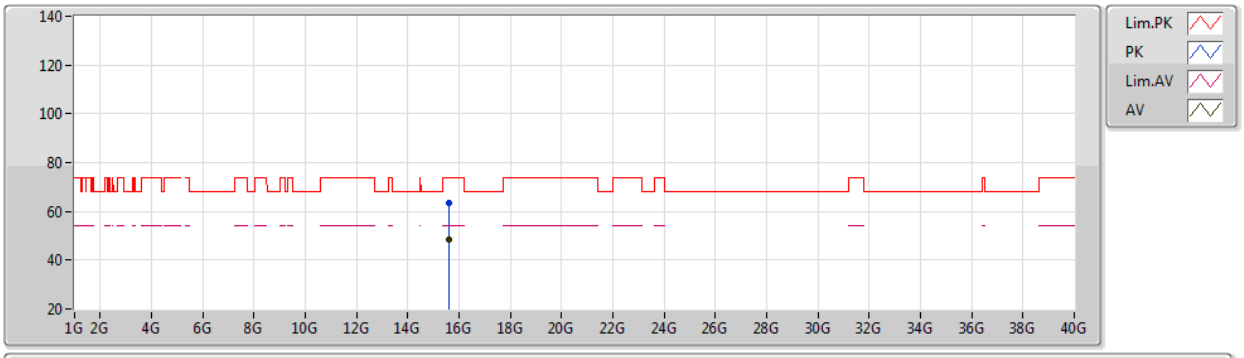
EUT Z_4TX
Setting 96
02-B-C-5-10

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	5.146G	62.83	74.00	-11.17	56.08	3	Horizontal	198	2.30	-	33.49	4.99	31.73
AV	5.1496G	47.10	54.00	-6.90	40.33	3	Horizontal	198	2.30	-	33.50	5.00	31.73
PK	5.2056G	117.19	Inf	-Inf	110.27	3	Horizontal	198	2.30	-	33.51	5.10	31.69
AV	5.2076G	105.47	Inf	-Inf	98.54	3	Horizontal	198	2.30	-	33.52	5.10	31.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

10/04/2021



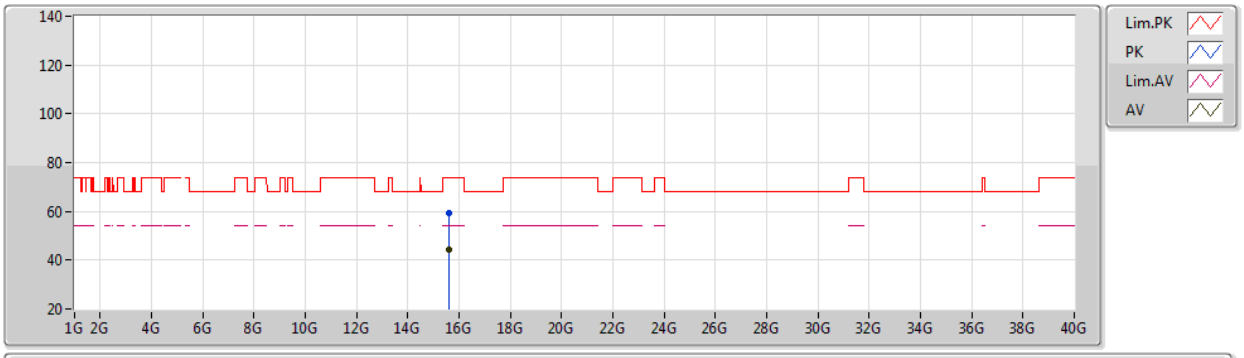
EUT Z_4TX
Setting 96
02-B-C-5

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	15.60408G	63.55	74.00	-10.45	49.94	3	Vertical	345	2.35	-	37.40	9.06	32.85
AV	15.60612G	48.64	54.00	-5.36	35.02	3	Vertical	345	2.35	-	37.41	9.06	32.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

10/04/2021



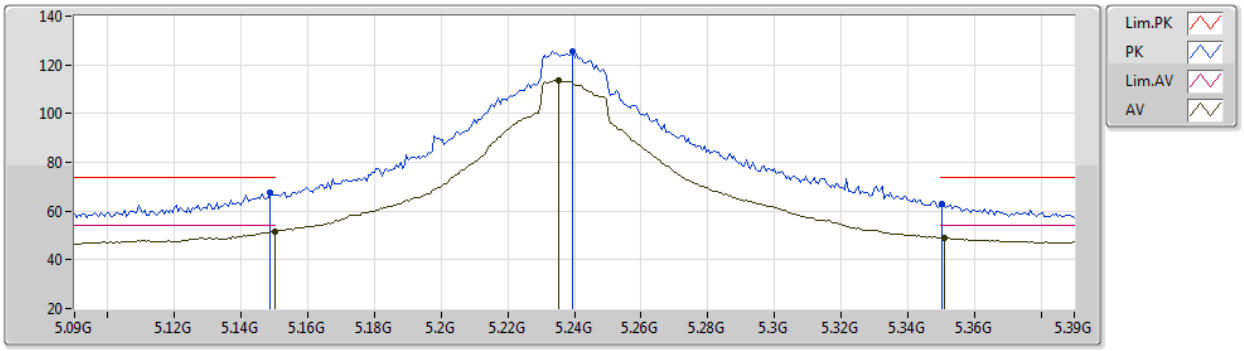
EUT Z_4TX
Setting 96
02-B-C-5

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	15.58542G	59.26	74.00	-14.74	45.60	3	Horizontal	31	2.58	-	37.46	9.05	32.85
AV	15.59394G	44.55	54.00	-9.45	30.92	3	Horizontal	31	2.58	-	37.42	9.06	32.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

10/04/2021



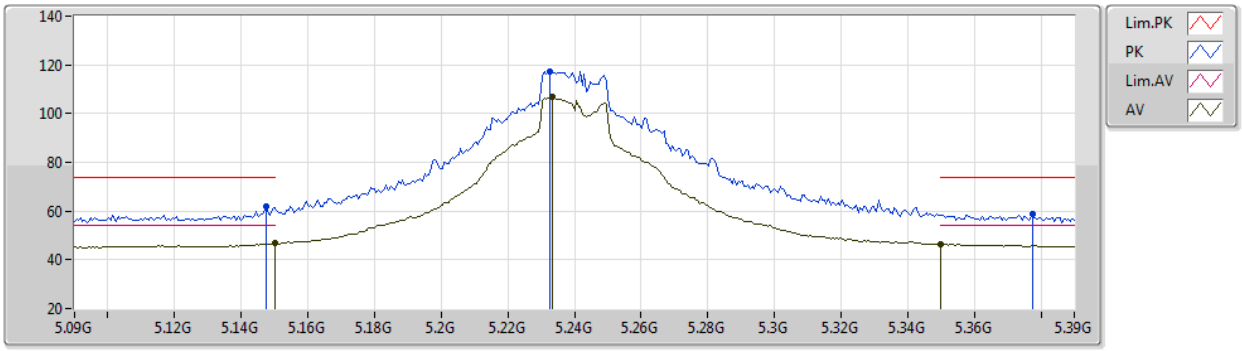
EUT Z_4TX
Setting 108
02-B-C-5-10

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	5.1488G	67.48	74.00	-6.52	60.71	3	Vertical	10	2.30	-	33.50	5.00	31.73
AV	5.15G	51.50	54.00	-2.50	44.73	3	Vertical	10	2.30	-	33.50	5.00	31.73
PK	5.2394G	125.77	Inf	-Inf	118.77	3	Vertical	10	2.30	-	33.58	5.08	31.66
AV	5.2352G	113.58	Inf	-Inf	106.60	3	Vertical	10	2.30	-	33.57	5.08	31.67
PK	5.3504G	63.14	74.00	-10.86	55.90	3	Vertical	10	2.30	-	33.80	5.02	31.58
AV	5.351G	49.07	54.00	-4.93	41.83	3	Vertical	10	2.30	-	33.80	5.02	31.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

10/04/2021



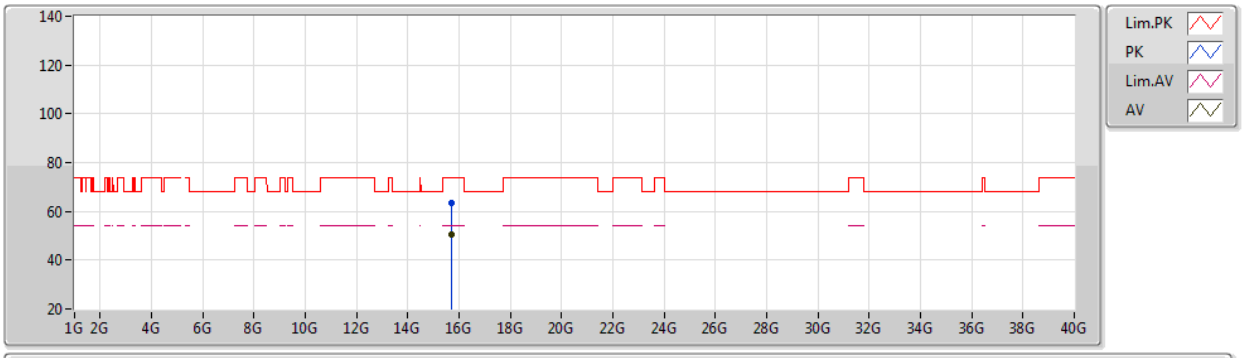
EUT Z_4TX
Setting 108
02-B-C-5-10

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	5.1476G	61.74	74.00	-12.26	54.97	3	Horizontal	13	2.02	-	33.50	5.00	31.73
AV	5.15G	46.79	54.00	-7.21	40.02	3	Horizontal	13	2.02	-	33.50	5.00	31.73
PK	5.2328G	117.48	Inf	-Inf	110.50	3	Horizontal	13	2.02	-	33.57	5.08	31.67
AV	5.2334G	107.05	Inf	-Inf	100.07	3	Horizontal	13	2.02	-	33.57	5.08	31.67
PK	5.3774G	58.92	74.00	-15.08	51.67	3	Horizontal	13	2.02	-	33.80	5.01	31.56
AV	5.35G	46.37	54.00	-7.63	39.13	3	Horizontal	13	2.02	-	33.80	5.02	31.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

10/04/2021



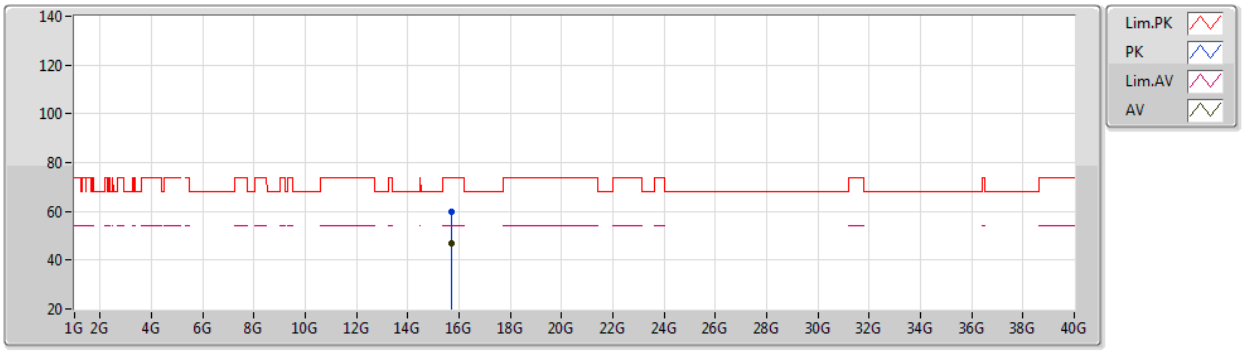
EUT Z_4TX
Setting 108
02-B-C-5

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	15.7161G	63.36	74.00	-10.64	49.65	3	Vertical	39	2.04	-	37.47	9.10	32.86
AV	15.7149G	50.29	54.00	-3.71	36.58	3	Vertical	39	2.04	-	37.47	9.10	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

10/04/2021



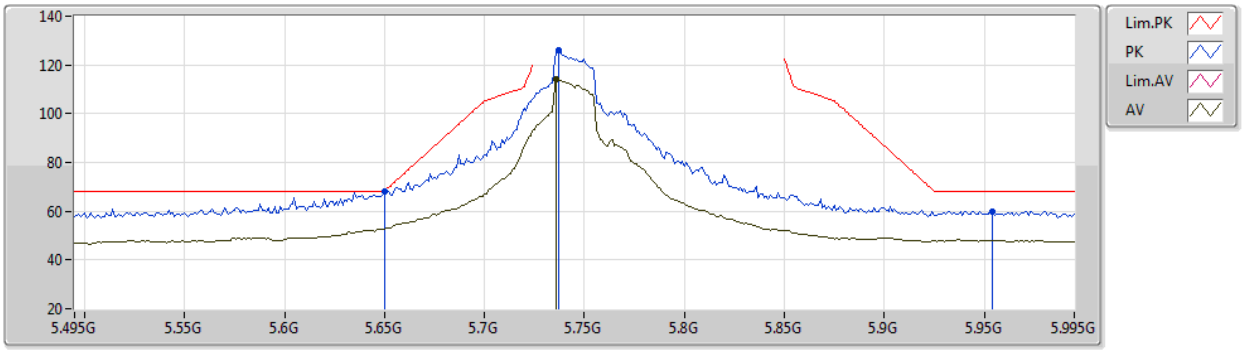
EUT Z_4TX
Setting 108
02-B-C-5

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	15.7169G	59.93	74.00	-14.07	46.22	3	Horizontal	37	2.19	-	37.47	9.10	32.86
AV	15.7179G	47.15	54.00	-6.85	33.45	3	Horizontal	37	2.19	-	37.46	9.10	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

10/04/2021



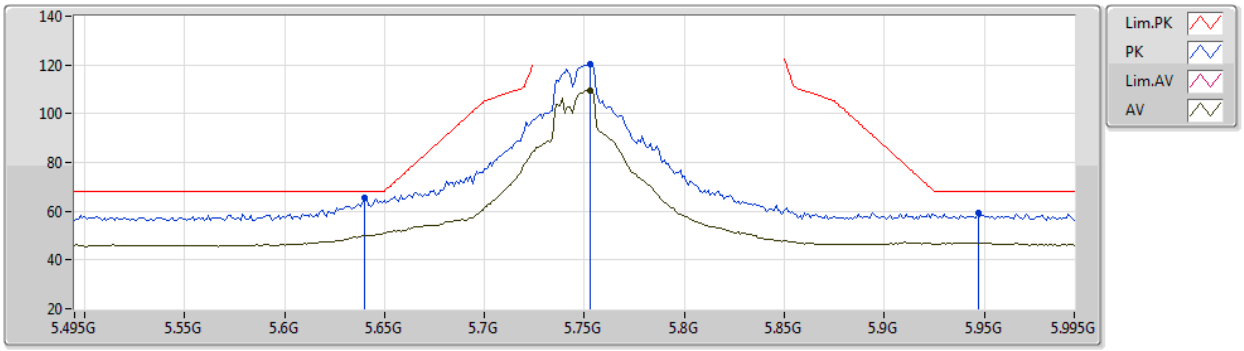
EUT Z_4TX
Setting 108
02-B-C-5-10

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	5.65G	68.17	68.20	-0.03	60.58	3	Vertical	90	1.12	-	33.90	5.15	31.46
PK	5.737G	125.79	Inf	-Inf	118.39	3	Vertical	90	1.12	-	33.80	5.06	31.46
AV	5.736G	114.16	Inf	-Inf	106.76	3	Vertical	90	1.12	-	33.80	5.06	31.46
PK	5.954G	60.05	68.20	-8.15	51.93	3	Vertical	90	1.12	-	34.11	5.46	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

10/04/2021



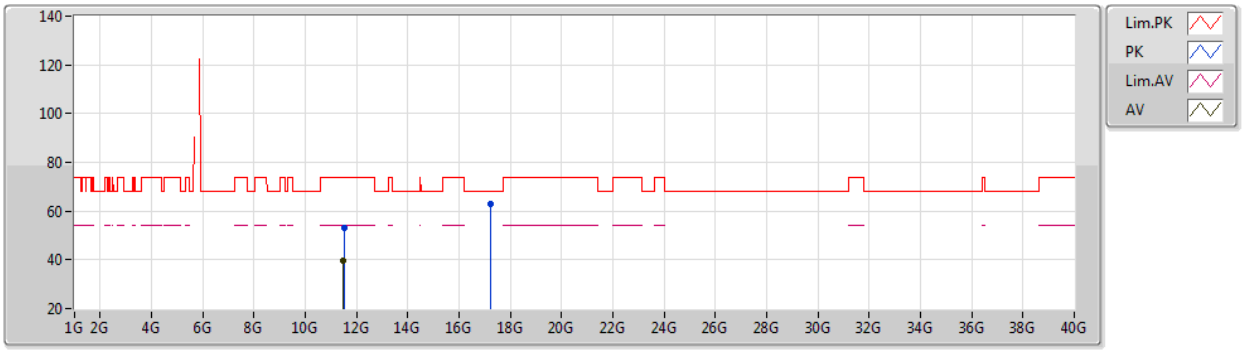
EUT Z_4TX
Setting 108
02-B-C-5-10

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	5.64G	65.64	68.20	-2.56	58.04	3	Horizontal	3	2.88	-	33.90	5.16	31.46
PK	5.753G	120.47	Inf	-Inf	113.08	3	Horizontal	3	2.88	-	33.80	5.05	31.46
AV	5.753G	109.27	Inf	-Inf	101.88	3	Horizontal	3	2.88	-	33.80	5.05	31.46
PK	5.947G	59.44	68.20	-8.76	51.35	3	Horizontal	3	2.88	-	34.10	5.44	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

10/04/2021



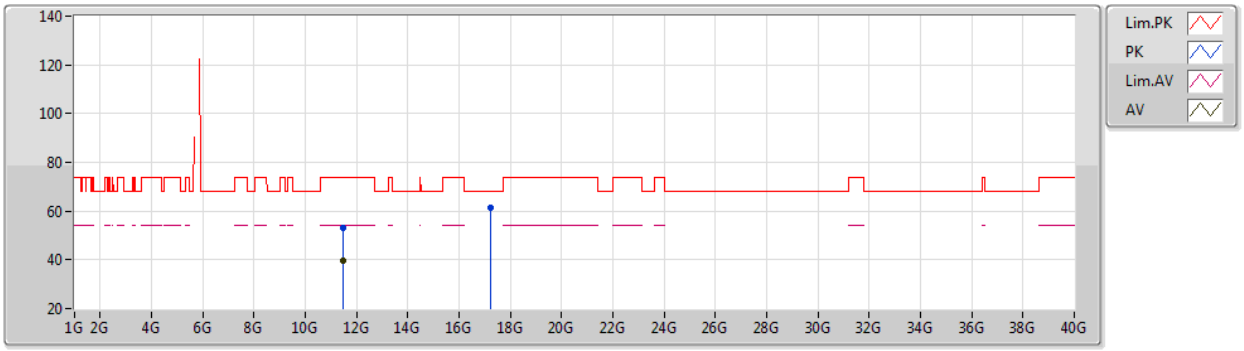
EUT Z_4TX
Setting 108
02-B-C-5

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	11.5023G	53.05	74.00	-20.95	39.34	3	Vertical	0	2.05	-	39.01	7.63	32.93
AV	11.4933G	39.56	54.00	-14.44	25.88	3	Vertical	0	2.05	-	38.99	7.62	32.93
PK	17.2387G	62.93	68.20	-5.27	44.19	3	Vertical	93	1.92	-	42.35	9.32	32.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

10/04/2021



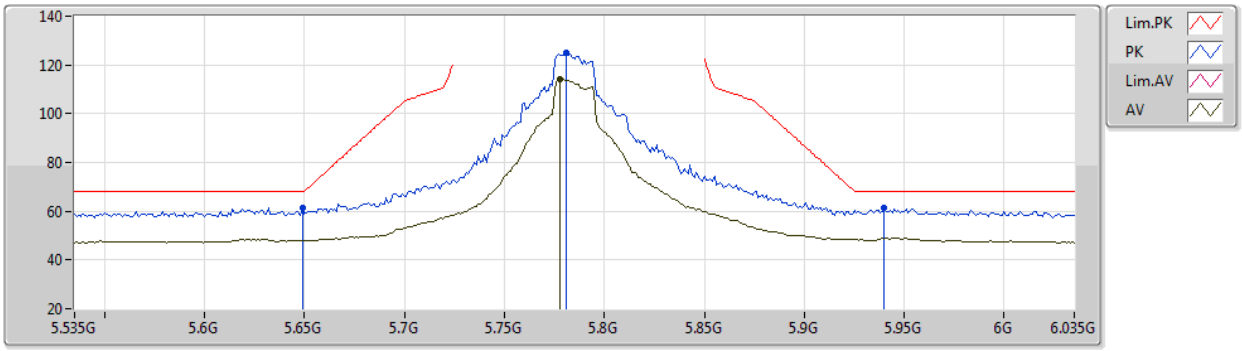
EUT Z_4TX
Setting 108
02-B-C-5

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	11.4875G	52.94	74.00	-21.06	39.27	3	Horizontal	326	2.23	-	38.98	7.62	32.93
AV	11.484G	39.53	54.00	-14.47	25.86	3	Horizontal	326	2.23	-	38.97	7.62	32.92
PK	17.231G	61.27	68.20	-6.93	42.56	3	Horizontal	6	1.80	-	42.32	9.32	32.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

10/04/2021



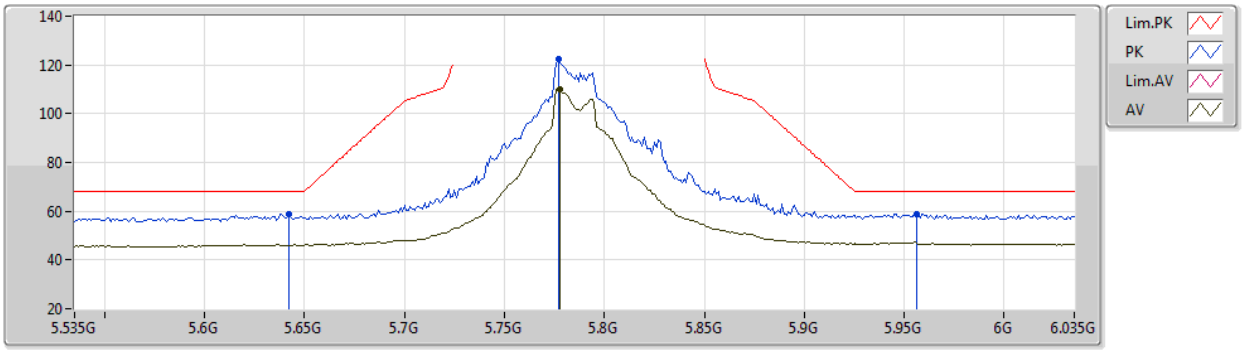
EUT Z_4TX
Setting 108
02-B-C-5-10

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	5.649G	61.43	68.20	-6.77	53.84	3	Vertical	87	1.11	-	33.90	5.15	31.46
PK	5.781G	124.94	Inf	-Inf	117.58	3	Vertical	87	1.11	-	33.80	5.02	31.46
AV	5.778G	114.05	Inf	-Inf	106.69	3	Vertical	87	1.11	-	33.80	5.02	31.46
PK	5.94G	61.23	68.20	-6.97	53.16	3	Vertical	87	1.11	-	34.10	5.42	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5785MHz_TX



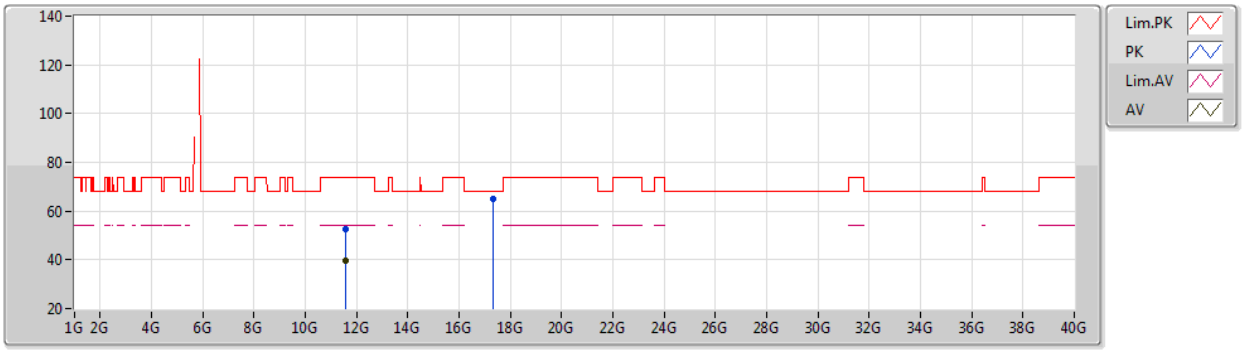
EUT Z_4TX
Setting 108
02-B-C-5-10

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	5.642G	58.80	68.20	-9.40	51.20	3	Horizontal	336	2.46	-	33.90	5.16	31.46
PK	5.777G	122.27	Inf	-Inf	114.91	3	Horizontal	336	2.46	-	33.80	5.02	31.46
AV	5.778G	110.10	Inf	-Inf	102.74	3	Horizontal	336	2.46	-	33.80	5.02	31.46
PK	5.956G	58.81	68.20	-9.39	50.68	3	Horizontal	336	2.46	-	34.11	5.47	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

10/04/2021



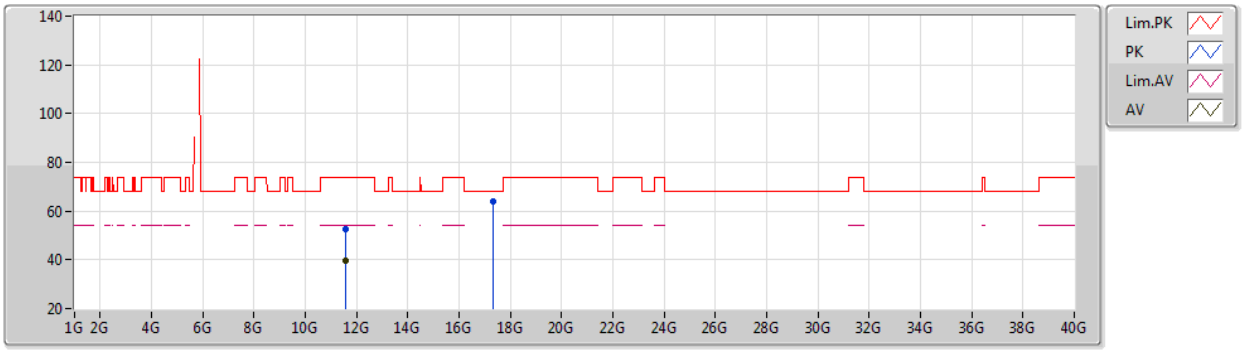
EUT Z_4TX
Setting 108
02-B-C-5

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	11.5832G	52.77	74.00	-21.23	38.80	3	Vertical	286	1.91	-	39.25	7.65	32.93
AV	11.5871G	39.46	54.00	-14.54	25.47	3	Vertical	286	1.91	-	39.26	7.66	32.93
PK	17.3522G	65.24	68.20	-2.96	45.80	3	Vertical	92	1.93	-	43.02	9.34	32.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5785MHz_TX



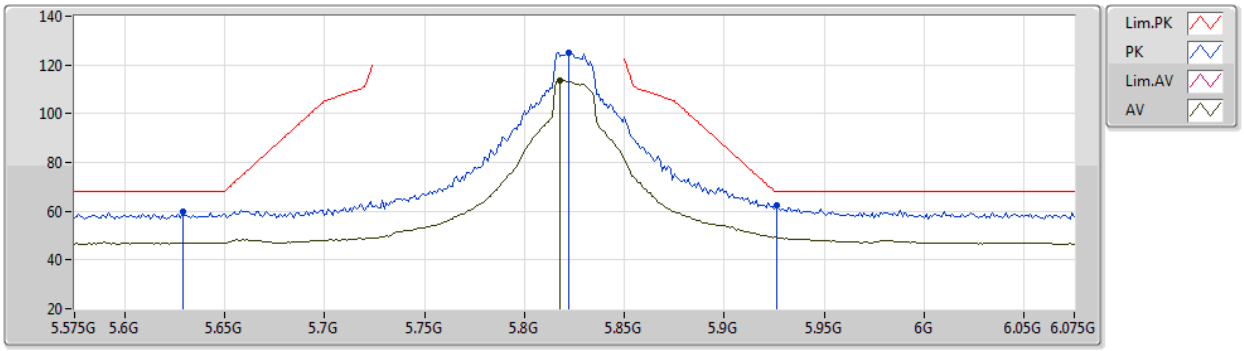
EUT Z_4TX
Setting 108
02-B-C-5

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	11.5565G	52.50	74.00	-21.50	38.62	3	Horizontal	143	1.59	-	39.17	7.64	32.93
AV	11.5712G	39.54	54.00	-14.46	25.61	3	Horizontal	143	1.59	-	39.21	7.65	32.93
PK	17.351G	63.86	68.20	-4.34	44.43	3	Horizontal	6	1.90	-	43.01	9.34	32.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5825MHz_TX



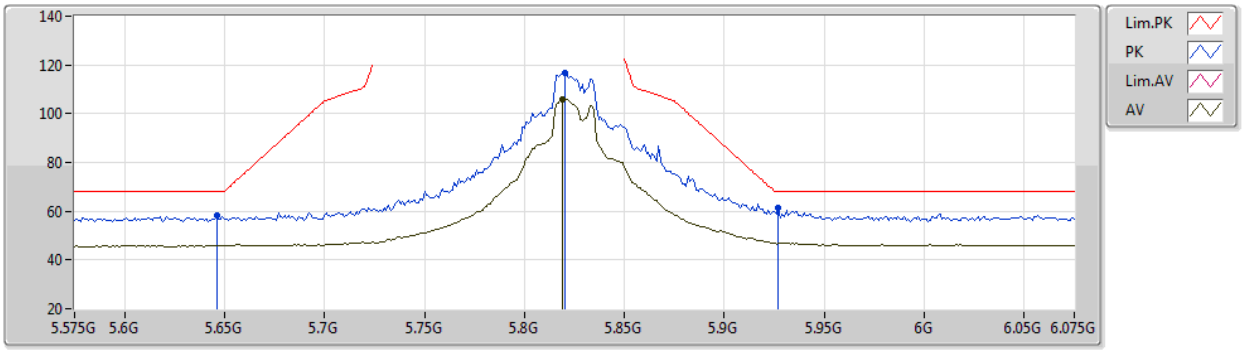
EUT Z_4TX
Setting 108
02-B-C-5-10

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	5.629G	59.81	68.20	-8.39	52.20	3	Vertical	100	1.68	-	33.90	5.17	31.46
PK	5.822G	125.12	Inf	-Inf	117.67	3	Vertical	100	1.68	-	33.84	5.07	31.46
AV	5.818G	113.41	Inf	-Inf	105.98	3	Vertical	100	1.68	-	33.84	5.05	31.46
PK	5.926G	62.20	68.20	-6.00	54.17	3	Vertical	100	1.68	-	34.10	5.38	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

10/04/2021



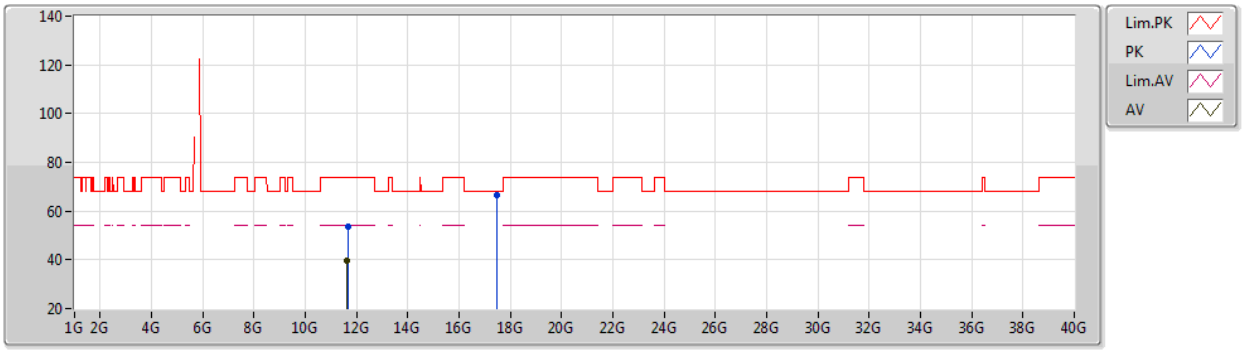
EUT Z_4TX
Setting 108
02-B-C-5-10

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	5.646G	58.37	68.20	-9.83	50.78	3	Horizontal	76	2.18	-	33.90	5.15	31.46
PK	5.82G	116.87	Inf	-Inf	109.43	3	Horizontal	76	2.18	-	33.84	5.06	31.46
AV	5.819G	106.06	Inf	-Inf	98.62	3	Horizontal	76	2.18	-	33.84	5.06	31.46
PK	5.927G	61.19	68.20	-7.01	53.16	3	Horizontal	76	2.18	-	34.10	5.38	31.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5825MHz_TX



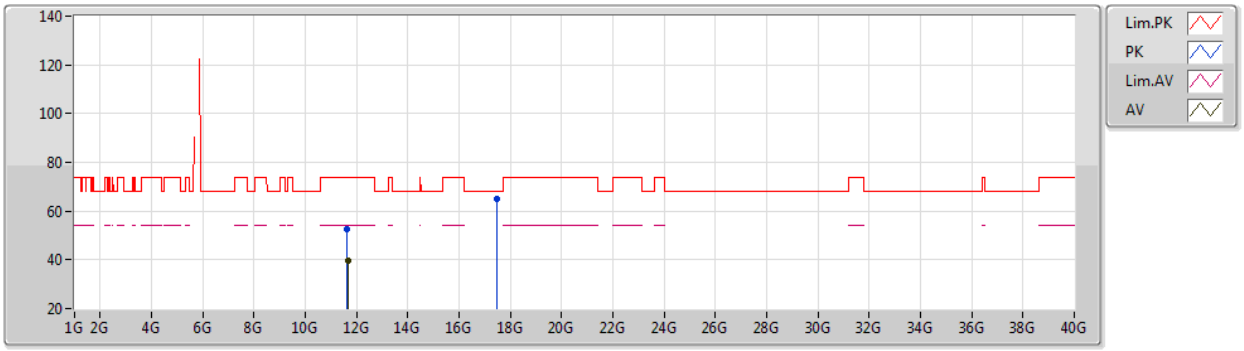
EUT Z_4TX
Setting 108
02-B-C-5

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	11.666G	53.53	74.00	-20.47	39.35	3	Vertical	290	1.06	-	39.43	7.68	32.93
AV	11.6423G	39.68	54.00	-14.32	25.56	3	Vertical	290	1.06	-	39.38	7.67	32.93
PK	17.4856G	66.59	68.20	-1.61	46.14	3	Vertical	92	2.02	-	44.00	9.35	32.90

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

10/04/2021

5825MHz_TX



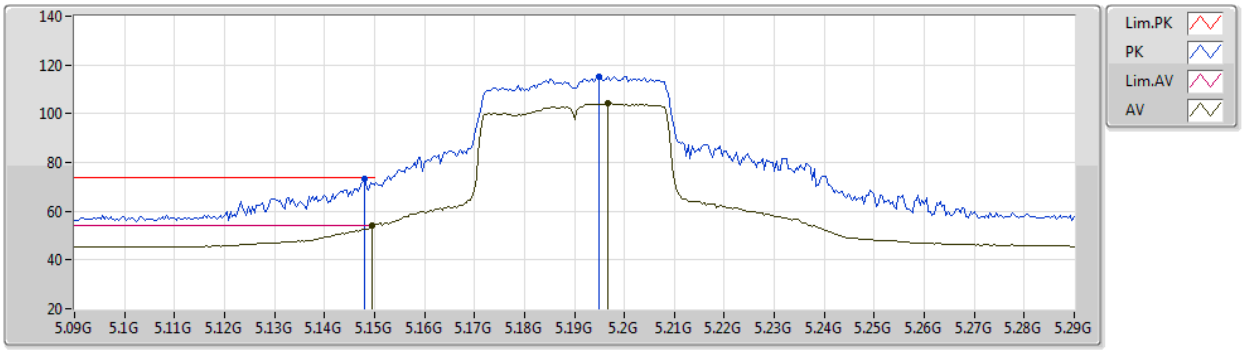
EUT Z_4TX
Setting 108
02-B-C-5

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	11.6336G	52.77	74.00	-21.23	38.66	3	Horizontal	38	1.18	-	39.37	7.67	32.93
AV	11.6558G	39.87	54.00	-14.13	25.71	3	Horizontal	38	1.18	-	39.41	7.68	32.93
PK	17.4616G	64.92	68.20	-3.28	44.64	3	Horizontal	223	2.88	-	43.83	9.35	32.90

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5190MHz_TX



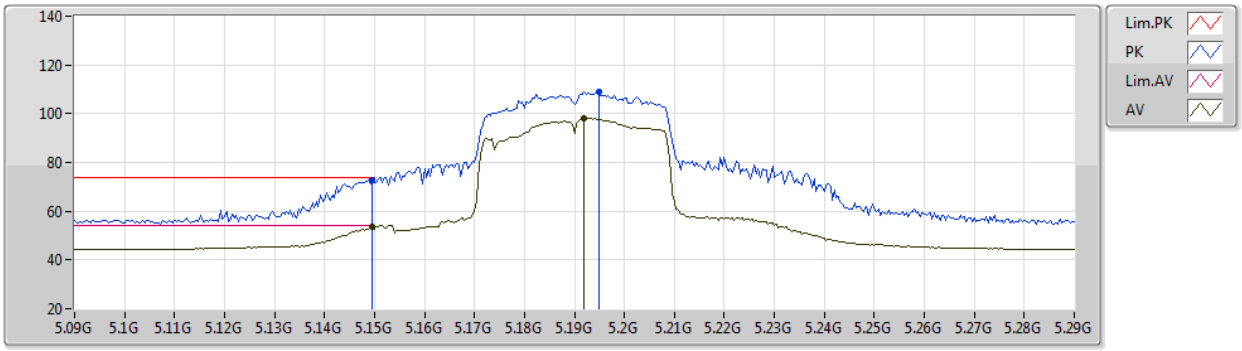
EUT Z_4TX
Setting 80
02-B-R-5-10

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	5.148G	73.16	74.00	-0.84	66.39	3	Vertical	351	1.24	-	33.50	5.00	31.73
AV	5.1496G	53.92	54.00	-0.08	47.15	3	Vertical	351	1.24	-	33.50	5.00	31.73
PK	5.1948G	115.41	Inf	-Inf	108.52	3	Vertical	351	1.24	-	33.50	5.09	31.70
AV	5.1968G	104.17	Inf	-Inf	97.27	3	Vertical	351	1.24	-	33.50	5.09	31.69

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5190MHz_TX



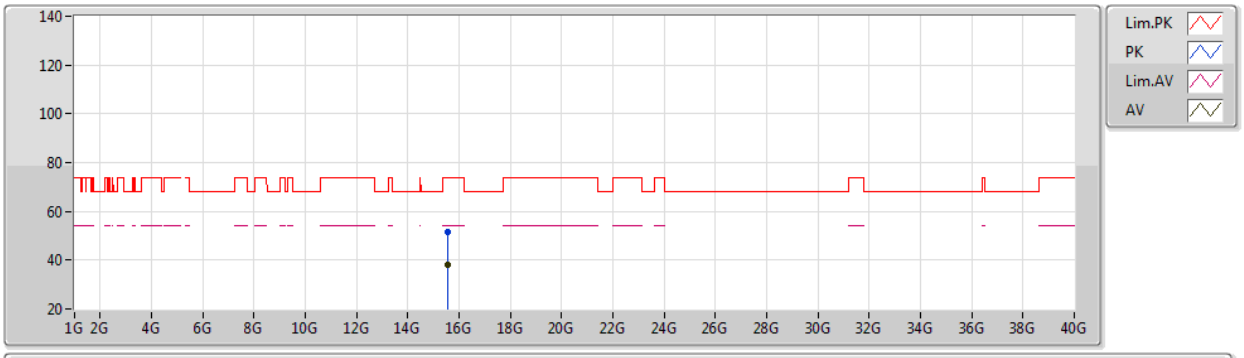
EUT Z_4TX
Setting 80
02-B-R-5-10

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	5.1496G	72.81	74.00	-1.19	66.04	3	Horizontal	32	2.51	-	33.50	5.00	31.73
AV	5.1496G	53.39	54.00	-0.61	46.62	3	Horizontal	32	2.51	-	33.50	5.00	31.73
PK	5.1948G	109.01	Inf	-Inf	102.12	3	Horizontal	32	2.51	-	33.50	5.09	31.70
AV	5.192G	98.25	Inf	-Inf	91.37	3	Horizontal	32	2.51	-	33.50	5.08	31.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5190MHz_TX



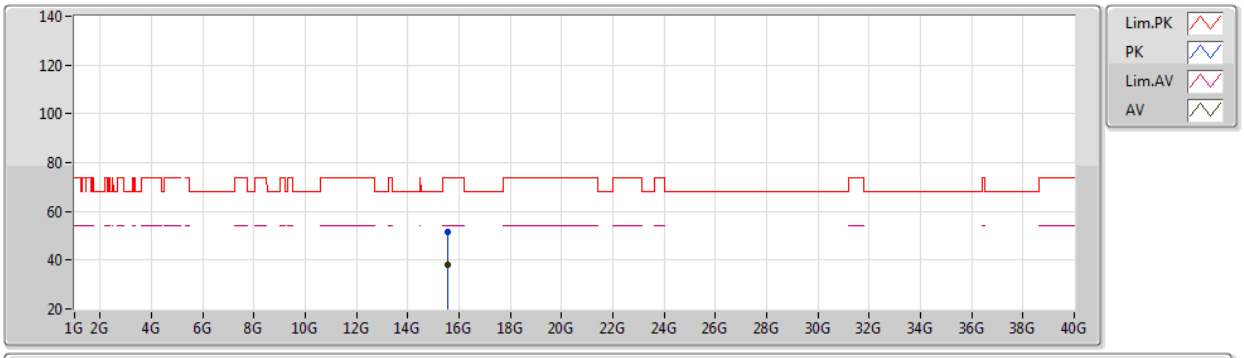
EUT Z_4TX
Setting 80
02-B-R-5

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	15.5589G	51.44	74.00	-22.56	37.67	3	Vertical	30	1.15	-	37.56	9.05	32.84
AV	15.554G	38.13	54.00	-15.87	24.35	3	Vertical	30	1.15	-	37.58	9.04	32.84

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5190MHz_TX



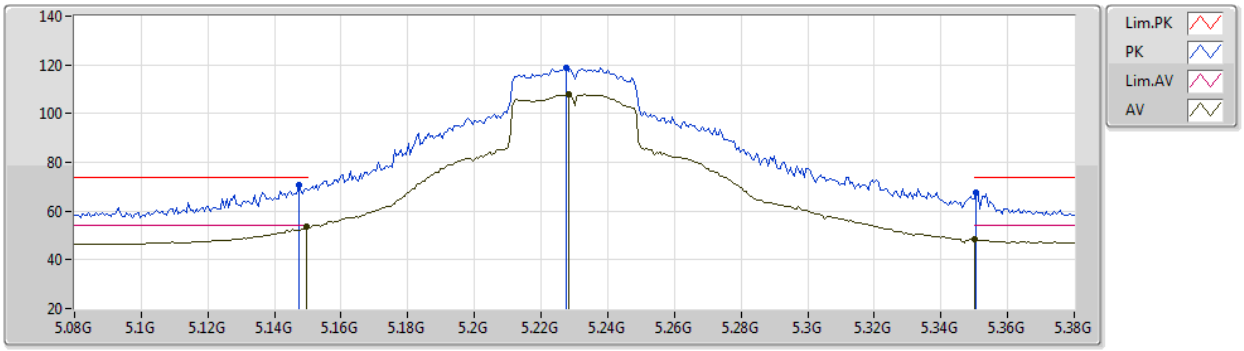
EUT Z_4TX
Setting 80
02-B-R-5

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	15.5688G	51.31	74.00	-22.69	37.59	3	Horizontal	165	2.49	-	37.52	9.05	32.85
AV	15.5785G	38.19	54.00	-15.81	24.50	3	Horizontal	165	2.49	-	37.49	9.05	32.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5230MHz_TX



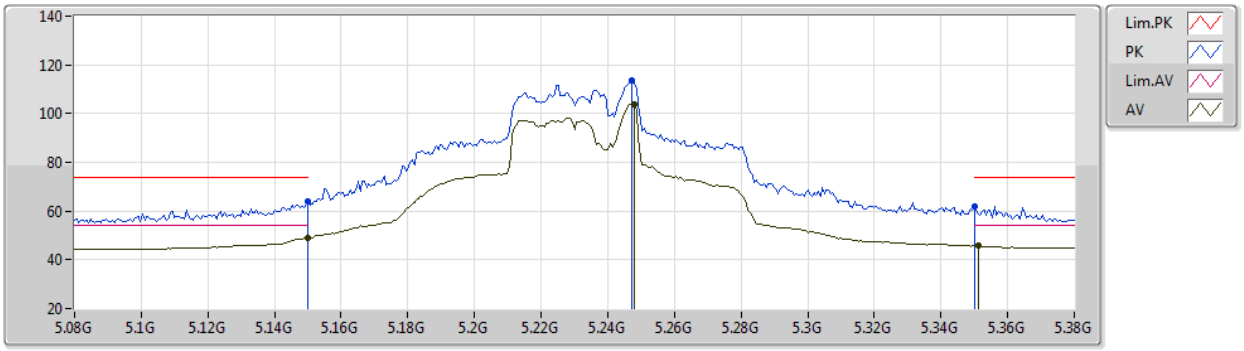
EUT Z_4TX
Setting 98
02-B-R-5-10

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	5.1472G	70.88	74.00	-3.12	64.13	3	Vertical	352	1.41	-	33.49	4.99	31.73
AV	5.1496G	53.54	54.00	-0.46	46.77	3	Vertical	352	1.41	-	33.50	5.00	31.73
PK	5.2276G	118.58	Inf	-Inf	111.60	3	Vertical	352	1.41	-	33.56	5.09	31.67
AV	5.2282G	107.90	Inf	-Inf	100.92	3	Vertical	352	1.41	-	33.56	5.09	31.67
PK	5.3506G	67.40	74.00	-6.60	60.16	3	Vertical	352	1.41	-	33.80	5.02	31.58
AV	5.35G	48.40	54.00	-5.60	41.15	3	Vertical	352	1.41	-	33.80	5.03	31.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5230MHz_TX



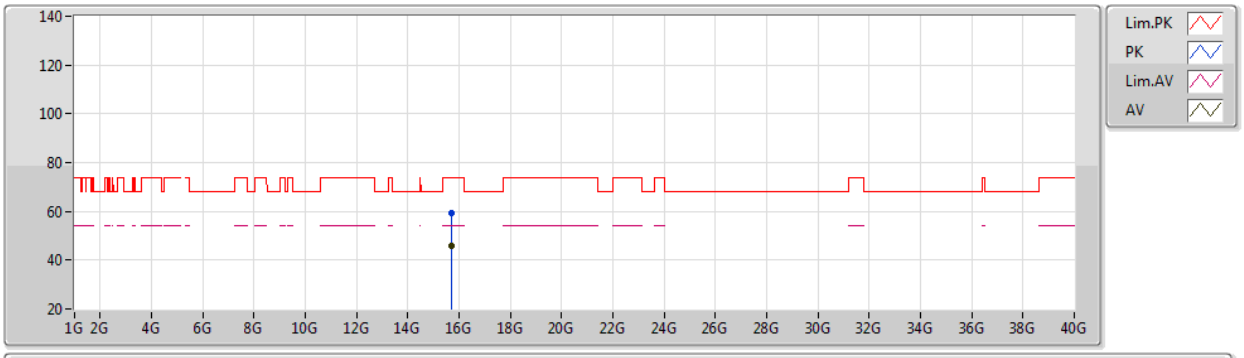
EUT Z_4TX
Setting 98
02-B-R-5-10

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	63.90	74.00	-10.10	57.13	3	Horizontal	214	2.78	-	33.50	5.00	31.73
AV	5.15G	49.17	54.00	-4.83	42.40	3	Horizontal	214	2.78	-	33.50	5.00	31.73
PK	5.2474G	113.81	Inf	-Inf	106.80	3	Horizontal	214	2.78	-	33.59	5.08	31.66
AV	5.248G	103.73	Inf	-Inf	96.71	3	Horizontal	214	2.78	-	33.60	5.08	31.66
PK	5.35G	61.77	74.00	-12.23	54.52	3	Horizontal	214	2.78	-	33.80	5.03	31.58
AV	5.3512G	45.66	54.00	-8.34	38.42	3	Horizontal	214	2.78	-	33.80	5.02	31.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5230MHz_TX



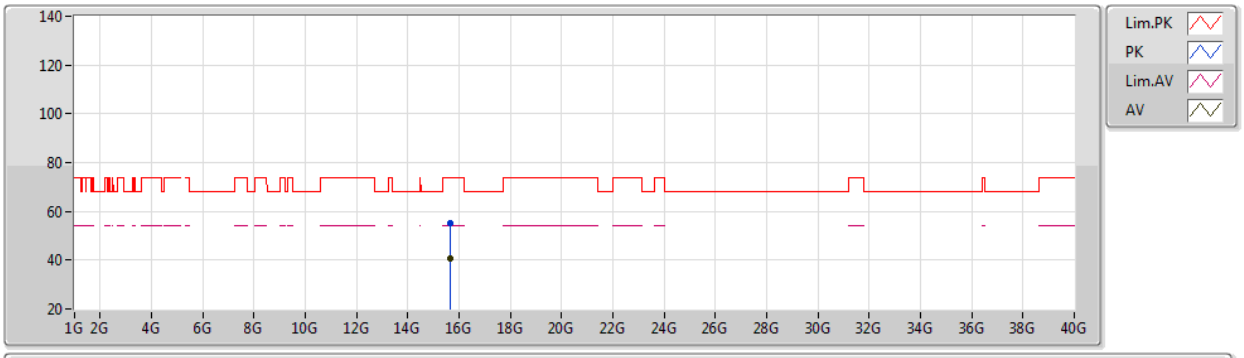
EUT Z_4TX
Setting 98
02-B-R-5

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	15.6857G	59.39	74.00	-14.61	45.66	3	Vertical	355	2.83	-	37.49	9.09	32.85
AV	15.6908G	45.85	54.00	-8.15	32.13	3	Vertical	355	2.83	-	37.49	9.09	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5230MHz_TX



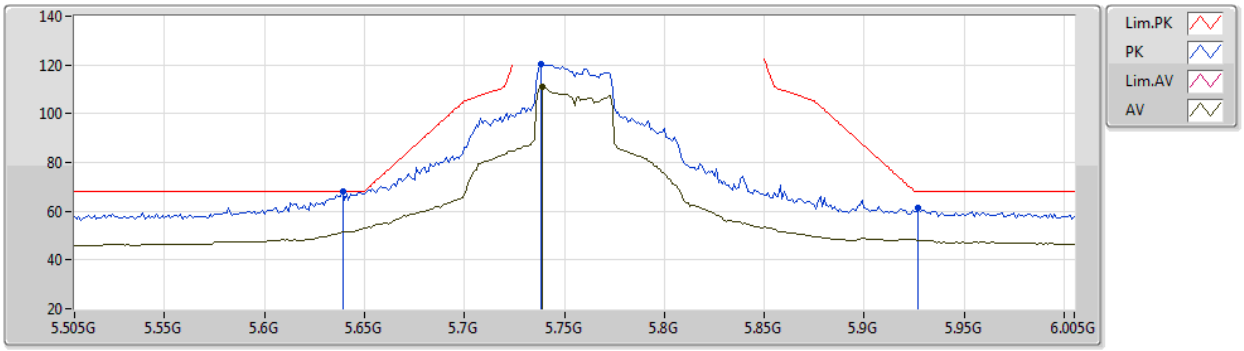
EUT Z_4TX
Setting 98
02-B-R-5

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	15.666G	55.17	74.00	-18.83	41.47	3	Horizontal	302	2.22	-	37.47	9.08	32.85
AV	15.6665G	40.88	54.00	-13.12	27.18	3	Horizontal	302	2.22	-	37.47	9.08	32.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5755MHz_TX



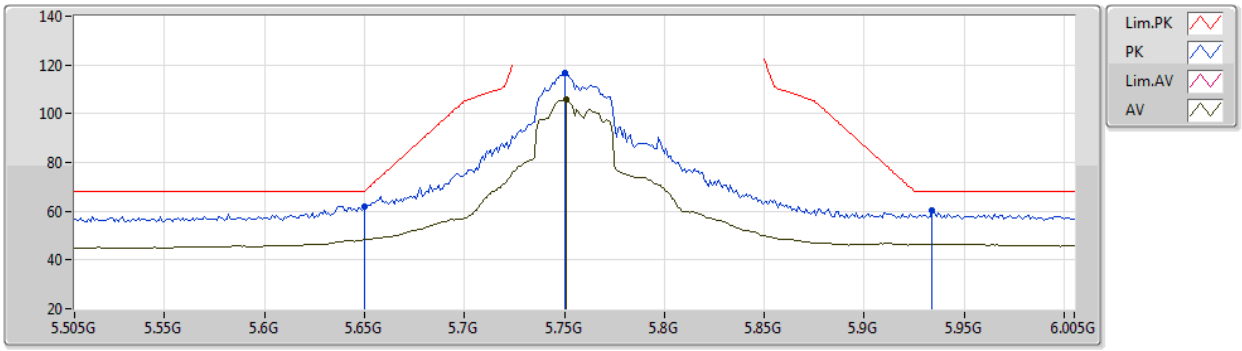
EUT Z_4TX
Setting 103
02-B-R-5-10

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	5.639G	68.18	68.20	-0.02	60.58	3	Vertical	93	1.03	-	33.90	5.16	31.46
PK	5.738G	120.20	Inf	-Inf	112.80	3	Vertical	93	1.03	-	33.80	5.06	31.46
AV	5.739G	110.90	Inf	-Inf	103.50	3	Vertical	93	1.03	-	33.80	5.06	31.46
PK	5.927G	61.51	68.20	-6.69	53.48	3	Vertical	93	1.03	-	34.10	5.38	31.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5755MHz_TX



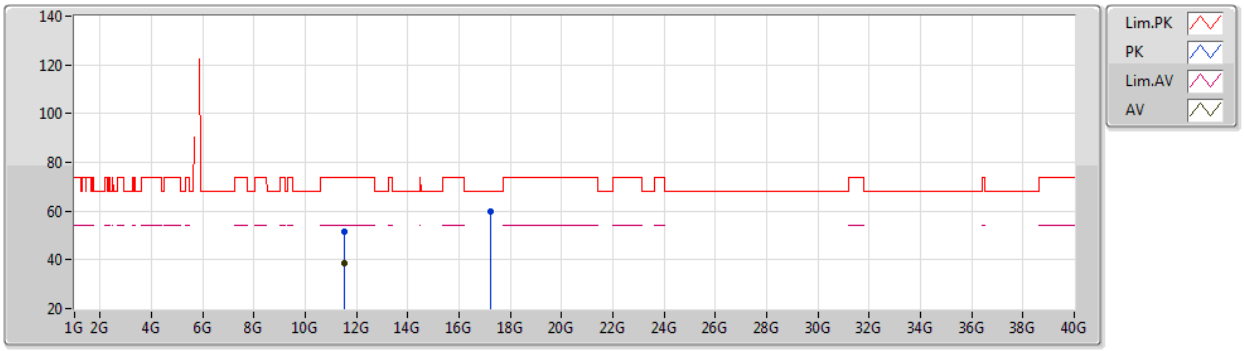
EUT Z_4TX
Setting 103
02-B-R-5-10

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	5.65G	62.00	68.20	-6.20	54.41	3	Horizontal	11	2.44	-	33.90	5.15	31.46
PK	5.75G	116.47	Inf	-Inf	109.08	3	Horizontal	11	2.44	-	33.80	5.05	31.46
AV	5.751G	105.65	Inf	-Inf	98.26	3	Horizontal	11	2.44	-	33.80	5.05	31.46
PK	5.934G	60.23	68.20	-7.97	52.18	3	Horizontal	11	2.44	-	34.10	5.40	31.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5755MHz_TX



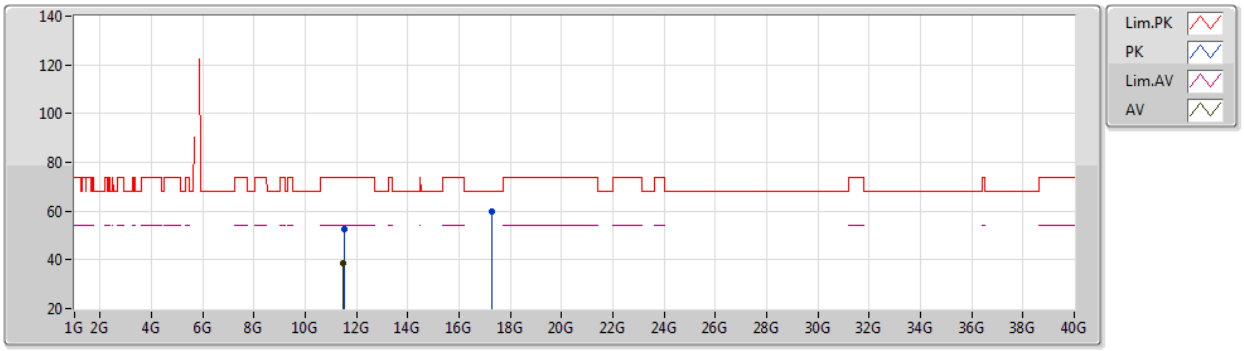
EUT Z_4TX
Setting 103
02-B-R-5

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	11.5292G	51.68	74.00	-22.32	37.88	3	Vertical	274	1.82	-	39.09	7.64	32.93
AV	11.5132G	38.45	54.00	-15.55	24.71	3	Vertical	274	1.82	-	39.04	7.63	32.93
PK	17.2514G	59.69	68.20	-8.51	40.88	3	Vertical	91	1.93	-	42.41	9.33	32.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5755MHz_TX



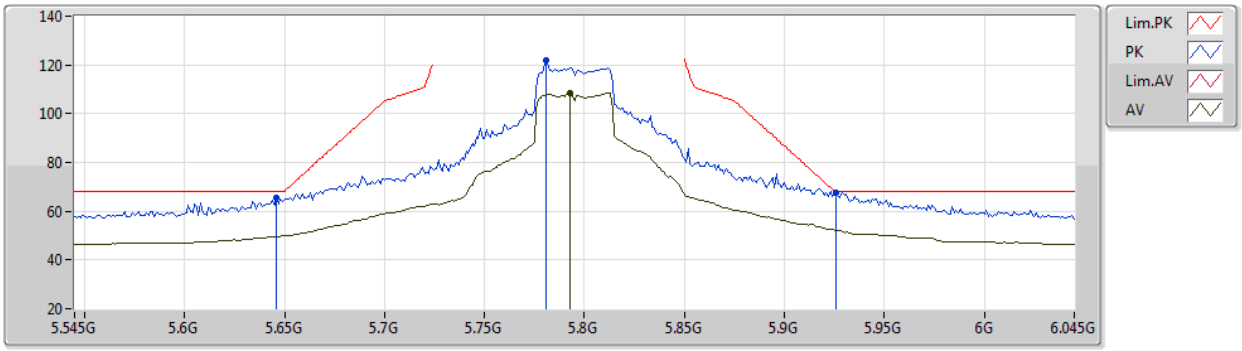
EUT Z_4TX
Setting 103
02-B-R-5

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	11.5197G	52.80	74.00	-21.20	39.04	3	Horizontal	274	1.55	-	39.06	7.63	32.93
AV	11.4868G	38.46	54.00	-15.54	24.80	3	Horizontal	274	1.55	-	38.97	7.62	32.93
PK	17.2613G	59.60	68.20	-8.60	40.75	3	Horizontal	6	2.43	-	42.45	9.33	32.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5795MHz_TX



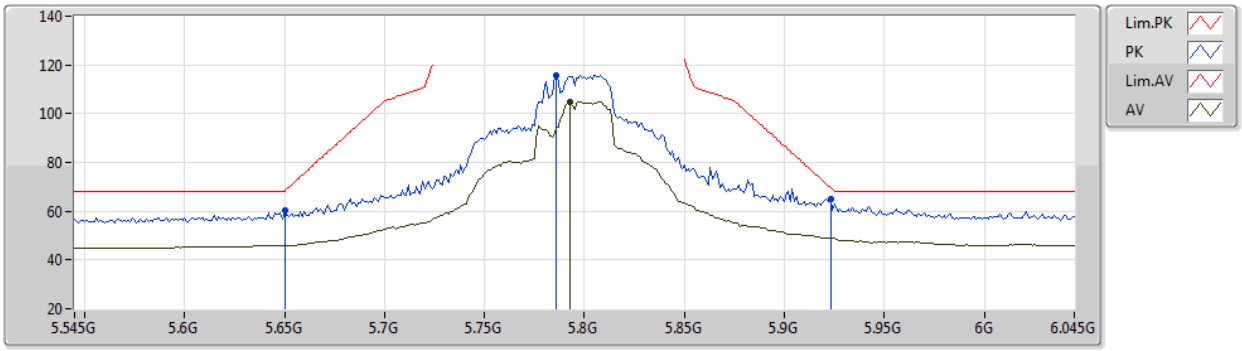
EUT Z_4TX
Setting 106
02-B-R-5-10

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	5.646G	65.41	68.20	-2.79	57.82	3	Vertical	107	2.15	-	33.90	5.15	31.46
PK	5.781G	121.80	Inf	-Inf	114.44	3	Vertical	107	2.15	-	33.80	5.02	31.46
AV	5.793G	108.50	Inf	-Inf	101.15	3	Vertical	107	2.15	-	33.80	5.01	31.46
PK	5.926G	67.77	68.20	-0.43	59.74	3	Vertical	107	2.15	-	34.10	5.38	31.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

12/04/2021



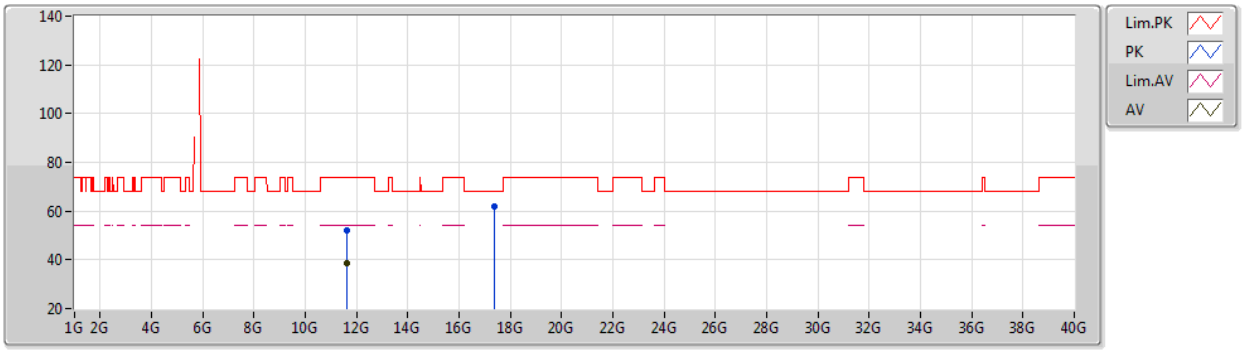
EUT Z_4TX
Setting 106
02-B-R-5-10

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	5.65G	60.09	68.20	-8.11	52.50	3	Horizontal	332	2.52	-	33.90	5.15	31.46
PK	5.786G	115.67	Inf	-Inf	108.32	3	Horizontal	332	2.52	-	33.80	5.01	31.46
AV	5.793G	105.08	Inf	-Inf	97.73	3	Horizontal	332	2.52	-	33.80	5.01	31.46
PK	5.923G	65.04	69.68	-4.64	57.02	3	Horizontal	332	2.52	-	34.10	5.37	31.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5795MHz_TX



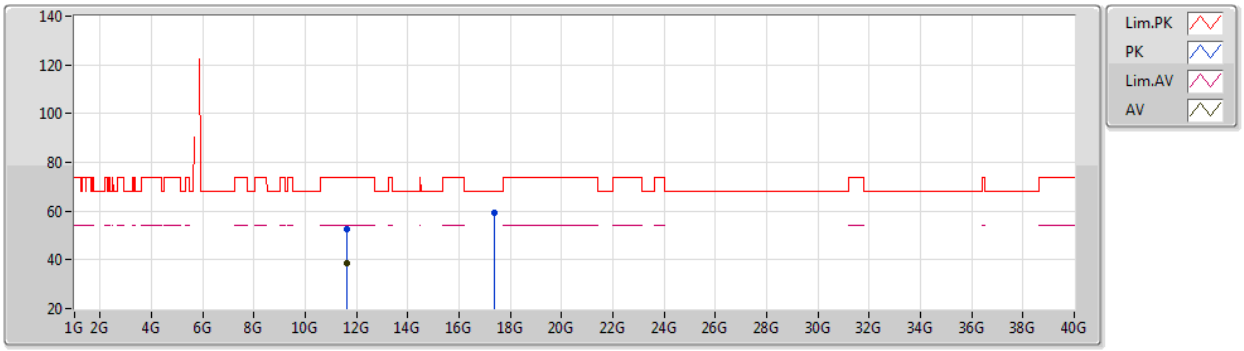
EUT Z_4TX
Setting 106
02-B-R-5

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	11.5997G	51.85	74.00	-22.15	37.82	3	Vertical	223	1.74	-	39.30	7.66	32.93
AV	11.6049G	38.68	54.00	-15.32	24.64	3	Vertical	223	1.74	-	39.31	7.66	32.93
PK	17.3668G	61.84	68.20	-6.36	42.29	3	Vertical	93	1.92	-	43.13	9.34	32.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/04/2021

5795MHz_TX



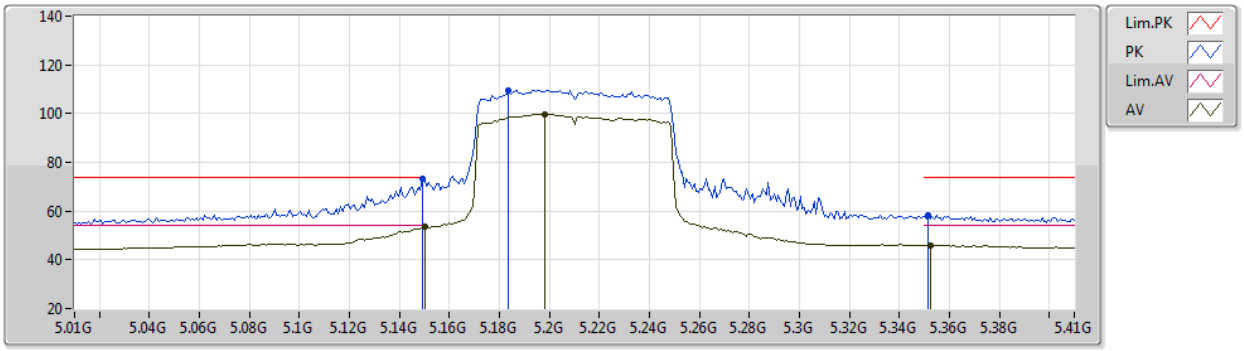
EUT Z_4TX
Setting 106
02-B-R-5

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	11.6087G	52.36	74.00	-21.64	38.31	3	Horizontal	19	2.28	-	39.32	7.66	32.93
AV	11.6063G	38.66	54.00	-15.34	24.62	3	Horizontal	19	2.28	-	39.31	7.66	32.93
PK	17.3903G	59.44	68.20	-8.76	39.69	3	Horizontal	3	2.88	-	43.32	9.34	32.91

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

12/04/2021

5210MHz_TX



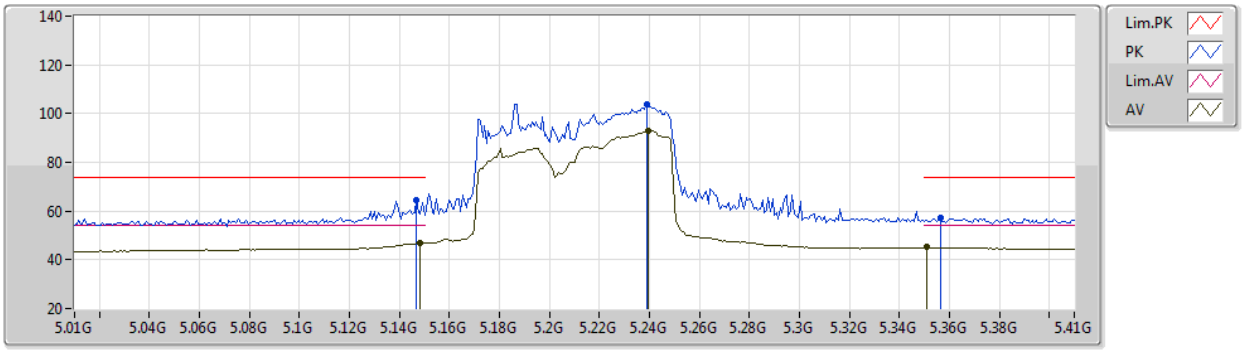
EUT Z_4TX
Setting 72
02-B-R-5-10

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	73.10	74.00	-0.90	66.33	3	Vertical	353	1.22	-	33.50	5.00	31.73
AV	5.15G	53.77	54.00	-0.23	47.00	3	Vertical	353	1.22	-	33.50	5.00	31.73
PK	5.1836G	109.70	Inf	-Inf	102.83	3	Vertical	353	1.22	-	33.50	5.07	31.70
AV	5.198G	99.89	Inf	-Inf	92.98	3	Vertical	353	1.22	-	33.50	5.10	31.69
PK	5.3516G	58.47	74.00	-15.53	51.23	3	Vertical	353	1.22	-	33.80	5.02	31.58
AV	5.3524G	46.06	54.00	-7.94	38.82	3	Vertical	353	1.22	-	33.80	5.02	31.58

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

12/04/2021

5210MHz_TX



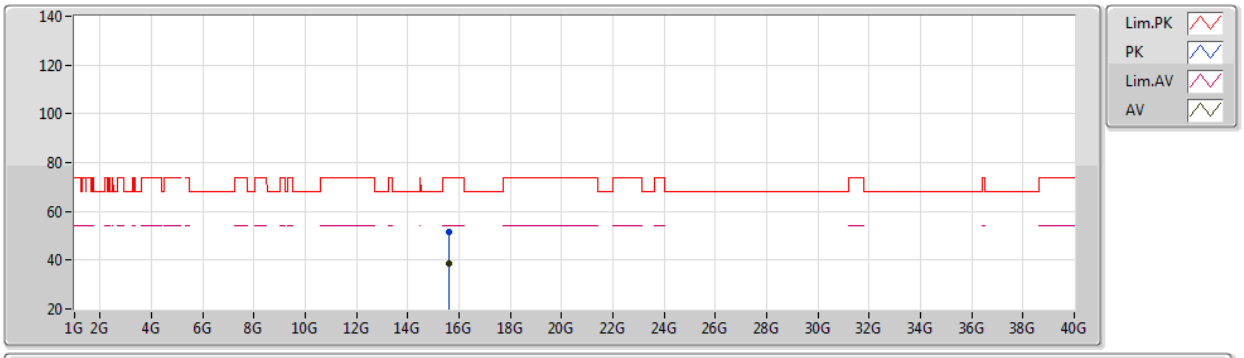
EUT Z_4TX
Setting 72
02-B-R-5-10

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	5.1468G	64.69	74.00	-9.31	57.94	3	Horizontal	336	1.36	-	33.49	4.99	31.73
AV	5.1484G	46.85	54.00	-7.15	40.08	3	Horizontal	336	1.36	-	33.50	5.00	31.73
PK	5.2388G	103.75	Inf	-Inf	96.75	3	Horizontal	336	1.36	-	33.58	5.08	31.66
AV	5.2396G	93.17	Inf	-Inf	86.17	3	Horizontal	336	1.36	-	33.58	5.08	31.66
PK	5.3564G	57.23	74.00	-16.77	49.99	3	Horizontal	336	1.36	-	33.80	5.02	31.58
AV	5.3508G	45.09	54.00	-8.91	37.85	3	Horizontal	336	1.36	-	33.80	5.02	31.58

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

12/04/2021

5210MHz_TX



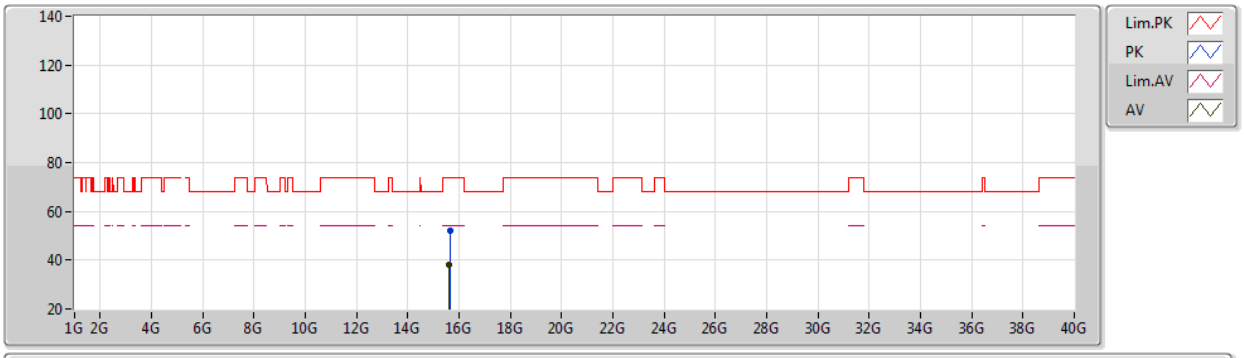
EUT Z_4TX
Setting 72
02-B-R-5

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	15.6158G	51.76	74.00	-22.24	38.12	3	Vertical	210	1.80	-	37.42	9.07	32.85
AV	15.6156G	38.37	54.00	-15.63	24.73	3	Vertical	210	1.80	-	37.42	9.07	32.85

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

12/04/2021

5210MHz_TX



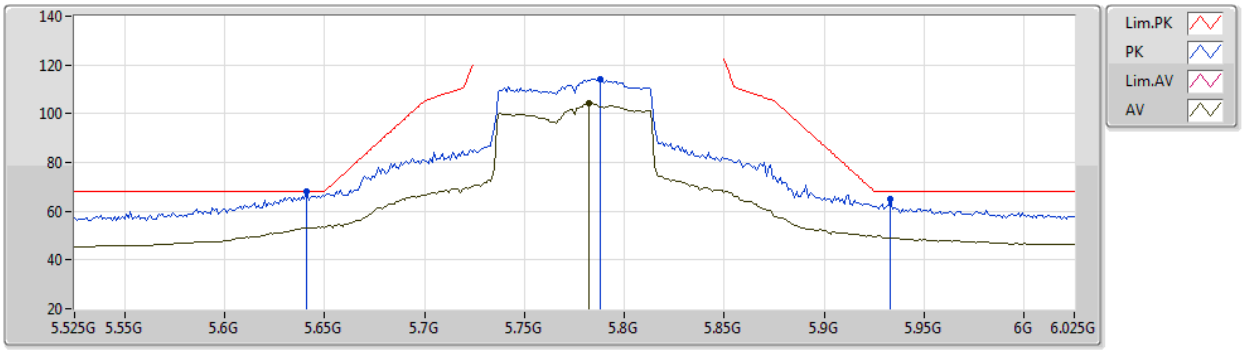
EUT Z_4TX
Setting 72
02-B-R-5

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	15.6525G	52.16	74.00	-21.84	38.48	3	Horizontal	219	2.46	-	37.45	9.08	32.85
AV	15.622G	38.23	54.00	-15.77	24.59	3	Horizontal	219	2.46	-	37.42	9.07	32.85

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

12/04/2021

5775MHz_TX



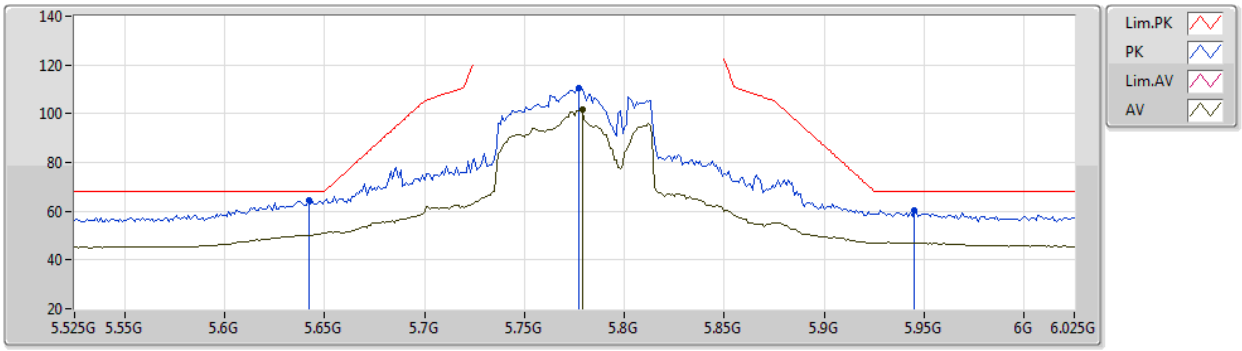
EUT Z_4TX
Setting 94
02-B-R-5-10

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	5.641G	68.02	68.20	-0.18	60.42	3	Vertical	107	1.89	-	33.90	5.16	31.46
PK	5.788G	114.35	Inf	-Inf	107.00	3	Vertical	107	1.89	-	33.80	5.01	31.46
AV	5.782G	104.25	Inf	-Inf	96.89	3	Vertical	107	1.89	-	33.80	5.02	31.46
PK	5.933G	64.88	68.20	-3.32	56.83	3	Vertical	107	1.89	-	34.10	5.40	31.45

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

12/04/2021

5775MHz_TX



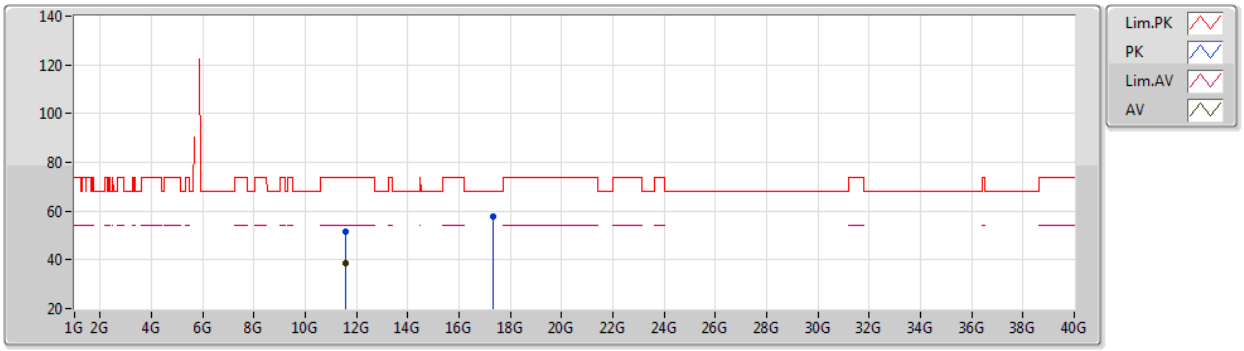
EUT Z_4TX
Setting 94
02-B-R-5-10

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	5.642G	64.28	68.20	-3.92	56.68	3	Horizontal	26	2.88	-	33.90	5.16	31.46
PK	5.777G	110.56	Inf	-Inf	103.20	3	Horizontal	26	2.88	-	33.80	5.02	31.46
AV	5.779G	101.68	Inf	-Inf	94.32	3	Horizontal	26	2.88	-	33.80	5.02	31.46
PK	5.945G	60.32	68.20	-7.88	52.23	3	Horizontal	26	2.88	-	34.10	5.44	31.45

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

12/04/2021

5775MHz_TX



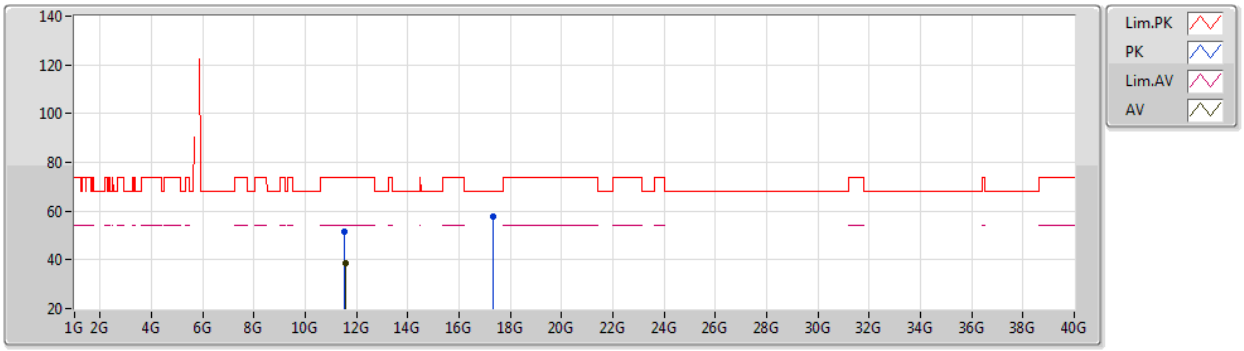
EUT Z_4TX
Setting 94
02-B-R-5

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	11.5592G	51.62	74.00	-22.38	37.72	3	Vertical	268	1.08	-	39.18	7.65	32.93
AV	11.5736G	38.57	54.00	-15.43	24.63	3	Vertical	268	1.08	-	39.22	7.65	32.93
PK	17.35G	57.76	68.20	-10.44	38.35	3	Vertical	56	1.80	-	43.00	9.33	32.92

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

12/04/2021

5775MHz_TX



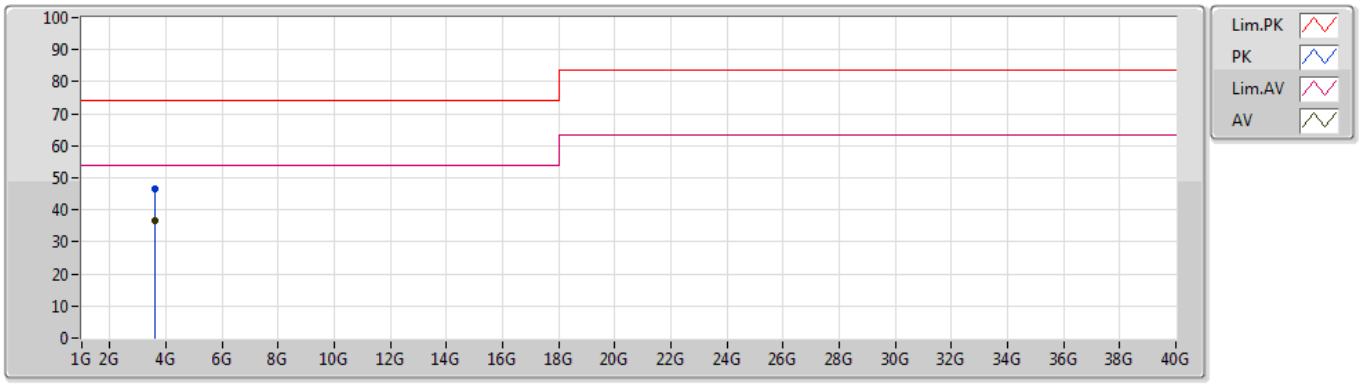
EUT Z_4TX
Setting 94
02-B-R-5

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	11.5473G	51.44	74.00	-22.56	37.59	3	Horizontal	53	1.11	-	39.14	7.64	32.93
AV	11.5723G	38.59	54.00	-15.41	24.65	3	Horizontal	53	1.11	-	39.22	7.65	32.93
PK	17.312G	57.53	68.20	-10.67	38.42	3	Horizontal	357	1.80	-	42.70	9.33	32.92

Summary

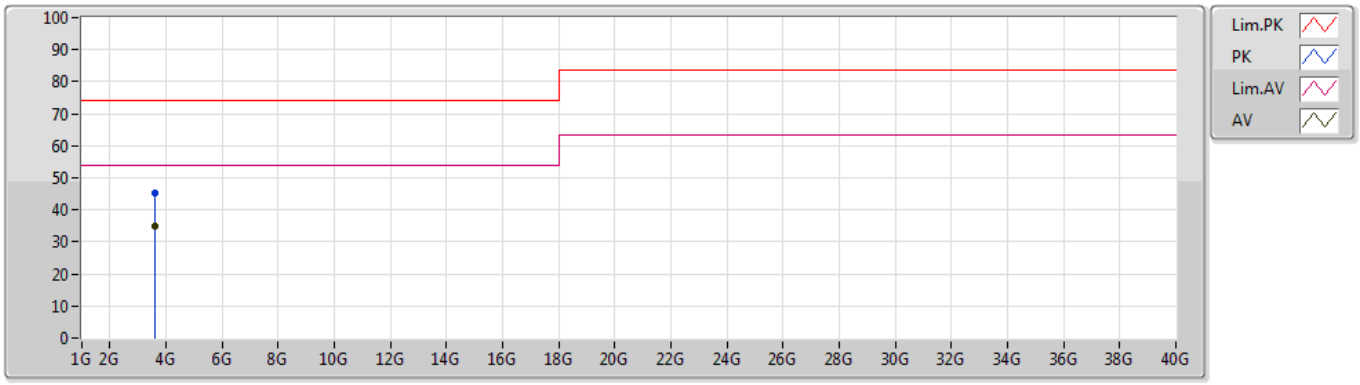
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	3.61807G	36.80	54.00	-17.20	Vertical

Mode 1



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)	(dB)	(dB)	(dB)
PK	3.61769G	46.51	74.00	-27.49	2.18	3	Vertical	44	2.15	-	44.33	31.61	5.42	34.85
AV	3.61807G	36.80	54.00	-17.20	2.18	3	Vertical	44	2.15	"Worst"	34.62	31.61	5.42	34.85

Mode 1



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)	(dB)	(dB)	(dB)
PK	3.61818G	45.44	74.00	-28.56	2.18	3	Horizontal	135	1.59	-	43.26	31.61	5.42	34.85
AV	3.61795G	34.80	54.00	-19.20	2.18	3	Horizontal	135	1.59	"Worst"	32.62	31.61	5.42	34.85