

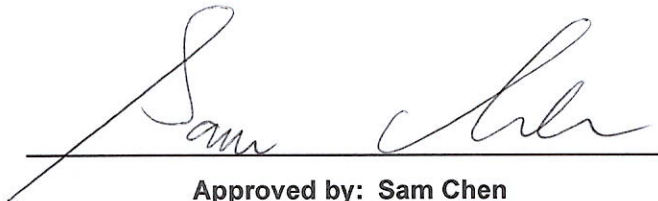


RADIO TEST REPORT

FCC ID : 2AXXQBGW321
Equipment : BGW320-500 Wireless Integrated ONT Residential Gateway
Brand Name : HUMAX
Model Name : BGW320-500
Applicant : Humax Networks, INC.
216, Hwangsaetul-ro, Bundang-gu, Seongnam-si, 463-875, South Korea
Manufacturer : Humax Networks, INC.
216, Hwangsaetul-ro, Bundang-gu, Seongnam-si, 463-875, South Korea
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 25, 2022, and testing was started from May 02, 2022 and completed on Aug. 04, 2022. 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.)



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Photographs of EUT v01



History of this test report

Report No.	Version	Description	Issued Date
FR242501AB	01	Initial issue of report	Aug. 15, 2022
FR242501AB	02	Changing the brand name of Antenna to GALTRONICS from CALTRONICS	Aug. 29, 2022



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 Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

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: Vicky Huang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
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
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



Band	Mode	BWch (MHz)	Nant
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, 1024QAM 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	Gain (dBi)
	2.4GHz	5GHz					
1	1	1	GALTRONICS	02102140-06811U1	PCB	I-PEX	Note 1
2	2	2	GALTRONICS	02102140-06811U1	PCB	I-PEX	
3	3	3	GALTRONICS	02102140-06811U1	PCB	I-PEX	
4	4	4	GALTRONICS	02102140-06811U1	PCB	I-PEX	
5	-	1	GALTRONICS	02102140-06811U1	PCB	I-PEX	
6	-	2	GALTRONICS	02102140-06811U1	PCB	I-PEX	
7	-	3	GALTRONICS	02102140-06811U1	PCB	I-PEX	
8	-	4	GALTRONICS	02102140-06811U1	PCB	I-PEX	
9	-	-	GALTRONICS	02102140-06811U1	PCB	I-PEX	5.50

Note1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
1	4.3	2.43	2.5	-	-
2	3.63	2.08	2.97	-	-
3	2.69	2.93	2.8	-	-
4	4.67	3.28	3.24	-	-
5	-	-	-	2.57	2.64
6	-	-	-	3.98	4.12
7	-	-	-	2.29	2.9
8	-	-	-	3.18	4.21



Ant.	Directional Gain (dBi)														
	WLAN 2.4GHz			WLAN 5GHz											
				UNII 1			UNII 2A			UNII 2C			UNII 3		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
1															
2															
3	5.99	4.67	4.67	4.45	3.28	3.28	4.07	3.24	3.24	-	-	-	-	-	-
4															
5															
6															
7	-	-	-	-	-	-	-	-	-	4.11	3.98	3.98	4.43	4.21	4.21
8															

Note 2: The above information(excepting antenna gain) was declared by manufacturer.

Note 3. The antenna 9 which has the receiving function only is used for zero wait.

Note 4: The EUT has nine antennas.

Note 5: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03

Note 6: The EUT doesn't enable the DFS band for this application.

For 2.4GHz function:

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

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

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

For 5GHz function:

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

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

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

For 1RX:

Ant. 9 can be use as receiving antenna only.



1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.948	0.23	2.066m	1k
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.918	0.37	2.928m	1k
802.11ax HEW40	0.97	0.13	782.5u	3k
802.11ax HEW40-BF	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80	0.942	0.26	415u	3k
802.11ax HEW80-BF	0.975	0.11	4.145m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	<input type="checkbox"/>	Outdoor P2M	<input checked="" type="checkbox"/>	Indoor P2M
	<input type="checkbox"/>	Fixed P2P	<input type="checkbox"/>	Client
	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
Test Software Version	Non-beamforming mode: accessMtool 3.2.1.4 Beamforming mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

47 CFR FCC Part 15

ANSI C63.10-2013

FCC KDB 789033 D02 v02r01

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

FCC KDB 662911 D03 v01

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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	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	TH03-CB	Brian Sun	23.4-25.1 / 56-67	May 11, 2022~ Jul. 11, 2022
Radiated (below 1GHz)	03CH04-CB	Eason Chen	25.3~26.7 / 65~71	May 02, 2022~ Aug. 03, 2022
Radiated (above 1GHz)	03CH02CB	Eason Chen	24.7~25.3 / 63~68	May 02, 2022~ Aug. 03, 2022
Radiated (Radiated Emission Co-location)	03CH05-CB	Eason Chen	24.7~25.2 / 64~68	May 02, 2022~ Aug. 03, 2022
AC Conduction	CO01-CB	Dean Chang	22~23 / 52~53	Aug. 04, 2022



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%

For Before Jun. 01, 2022

Test Items	Uncertainty	Remark
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%

For After May 31, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Non-beamforming mode:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	92
5200MHz	92
5240MHz	92
5745MHz	92
5785MHz	92
5825MHz	93
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	91
5200MHz	91
5240MHz	91
5745MHz	91
5785MHz	91
5825MHz	92
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	74
5230MHz	91
5755MHz	90
5795MHz	90
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	78
5775MHz	91



For beamforming mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	91
5200MHz	91
5240MHz	91
5745MHz	91
5785MHz	91
5825MHz	92
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	84
5230MHz	91
5755MHz	90
5795MHz	90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	78
5775MHz	91

Note:

Evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.



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
2	WLAN 5GHz
For operating mode 1 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 Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
For 2.4GHz: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis from Emissions in Restricted Frequency Bands above 1GHz. So the measurement will follow this same test configuration. For 5GHz: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis from Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in Y axis-WLAN 2.4GHz
2	EUT in X axis-WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found as below. So the measurement will follow this same test configuration.	
1	EUT in X axis (WLAN 5GHz UNII 1) EUT in Y axis (WLAN 5GHz UNII 3 bandedge) EUT in X axis (WLAN 5GHz UNII 3 harmonic)



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 was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis from Emissions in Restricted Frequency Bands/Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in X axis-WLAN 2.4GHz+WLAN 5GHz UNII 1
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 UNII 1+WLAN 5GHz UNII 3
Refer to Sporton Test Report No.: FA242501 for Co-location RF Exposure Evaluation.	

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 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under 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%.

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	DIRECTV	EPS48R1-16	Input: 120V~1.1A, 60Hz Output: 12V, 4A, 48W

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E6430	N/A
B	Flash disk3.0	Transcend	JetFlash-700	N/A

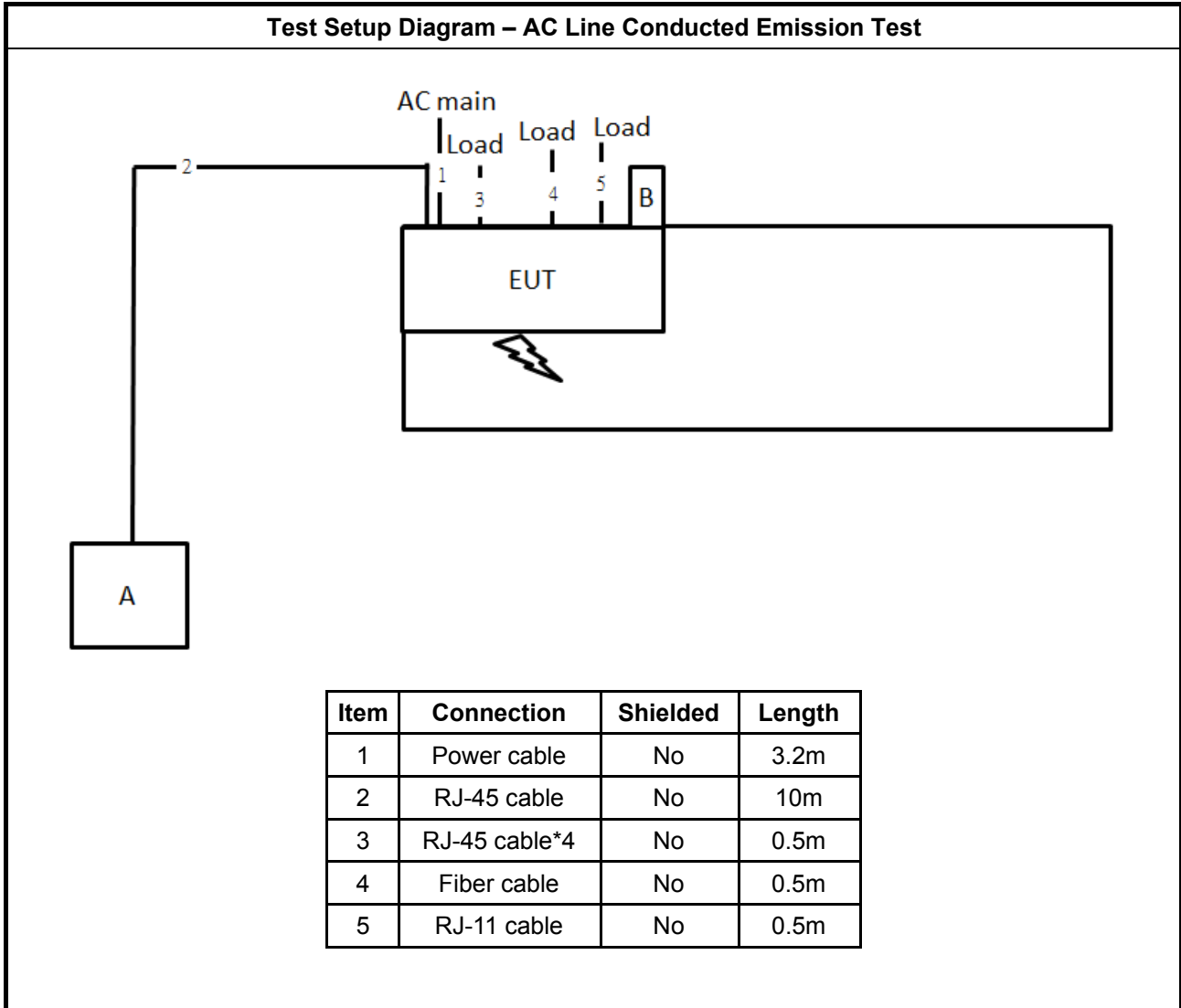
For Radiated (below 1GHz), Radiated (above 1GHz)/non-beamforming mode and RF Conducted:

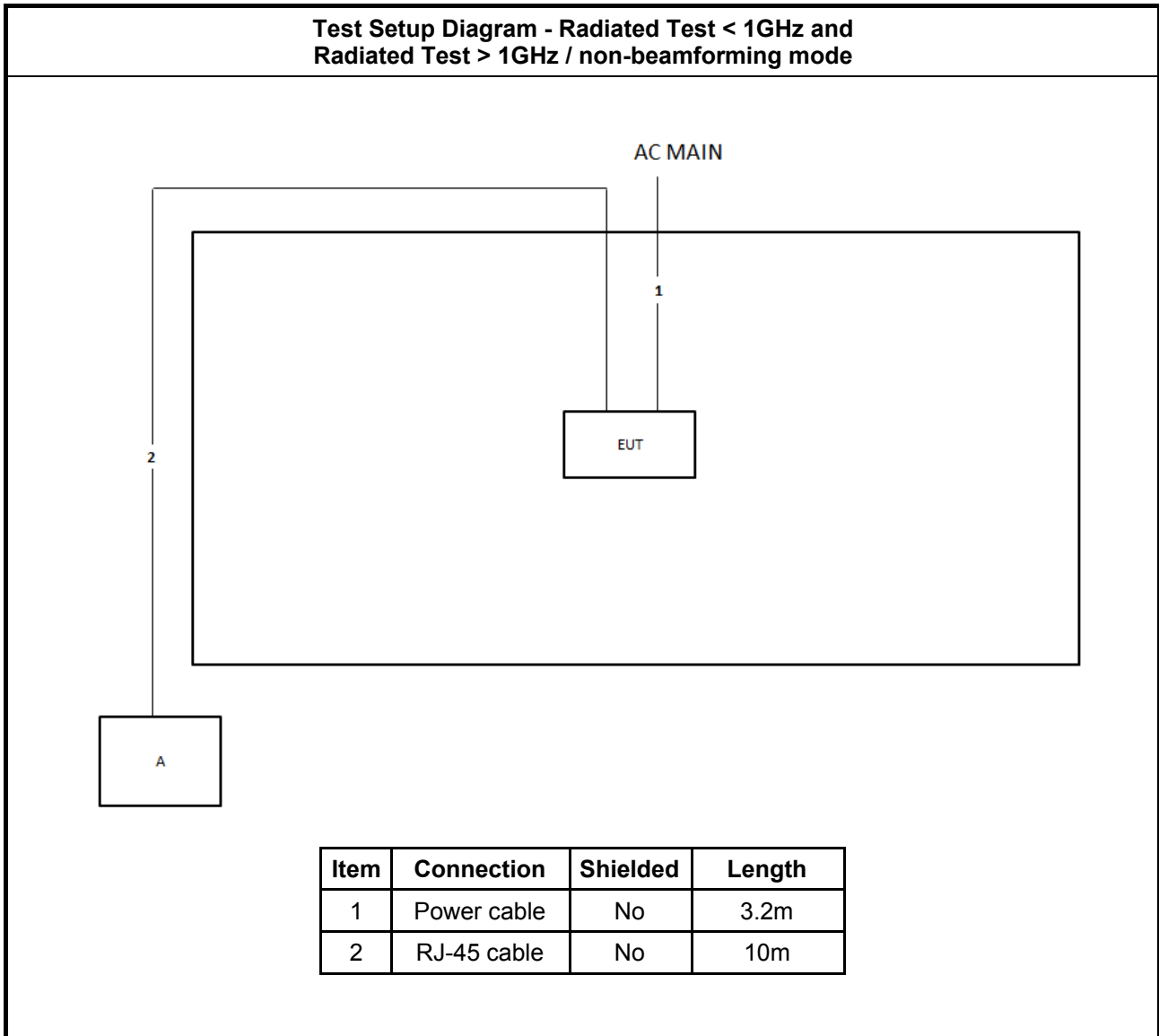
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For Radiated (above 1GHz)/beamforming mode:

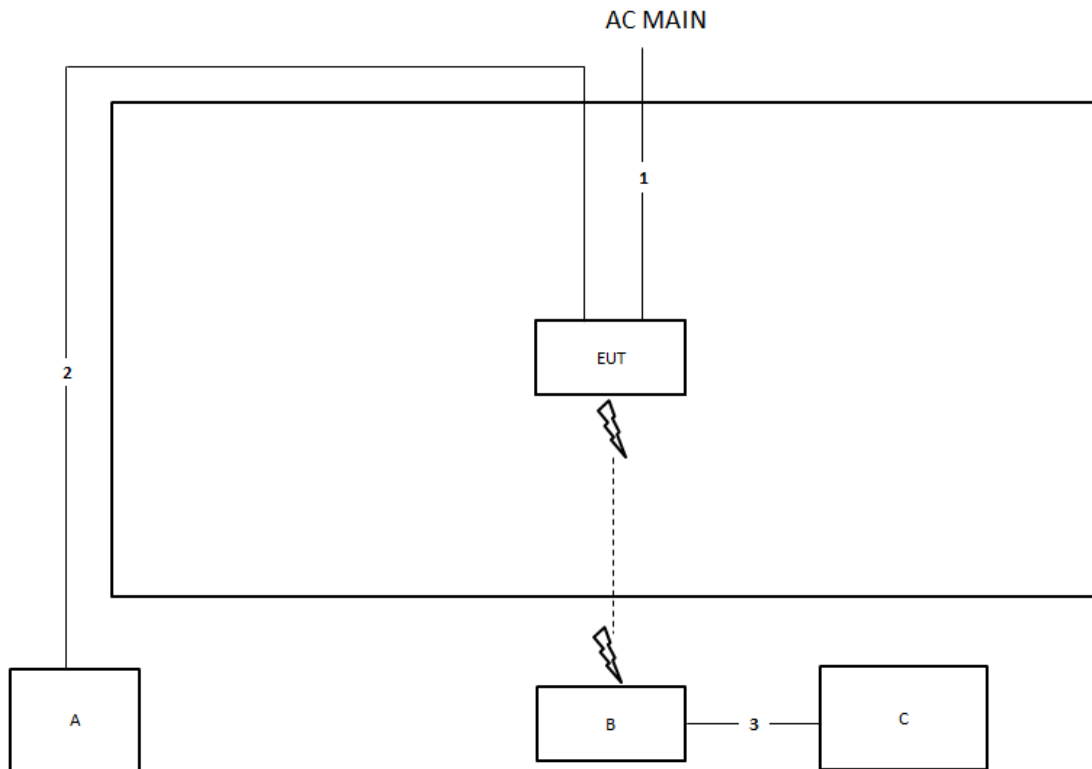
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN AP	ASUS	AX88U	N/A
C	NB	DELL	E4300	N/A

2.6 Test Setup Diagram





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



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
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.

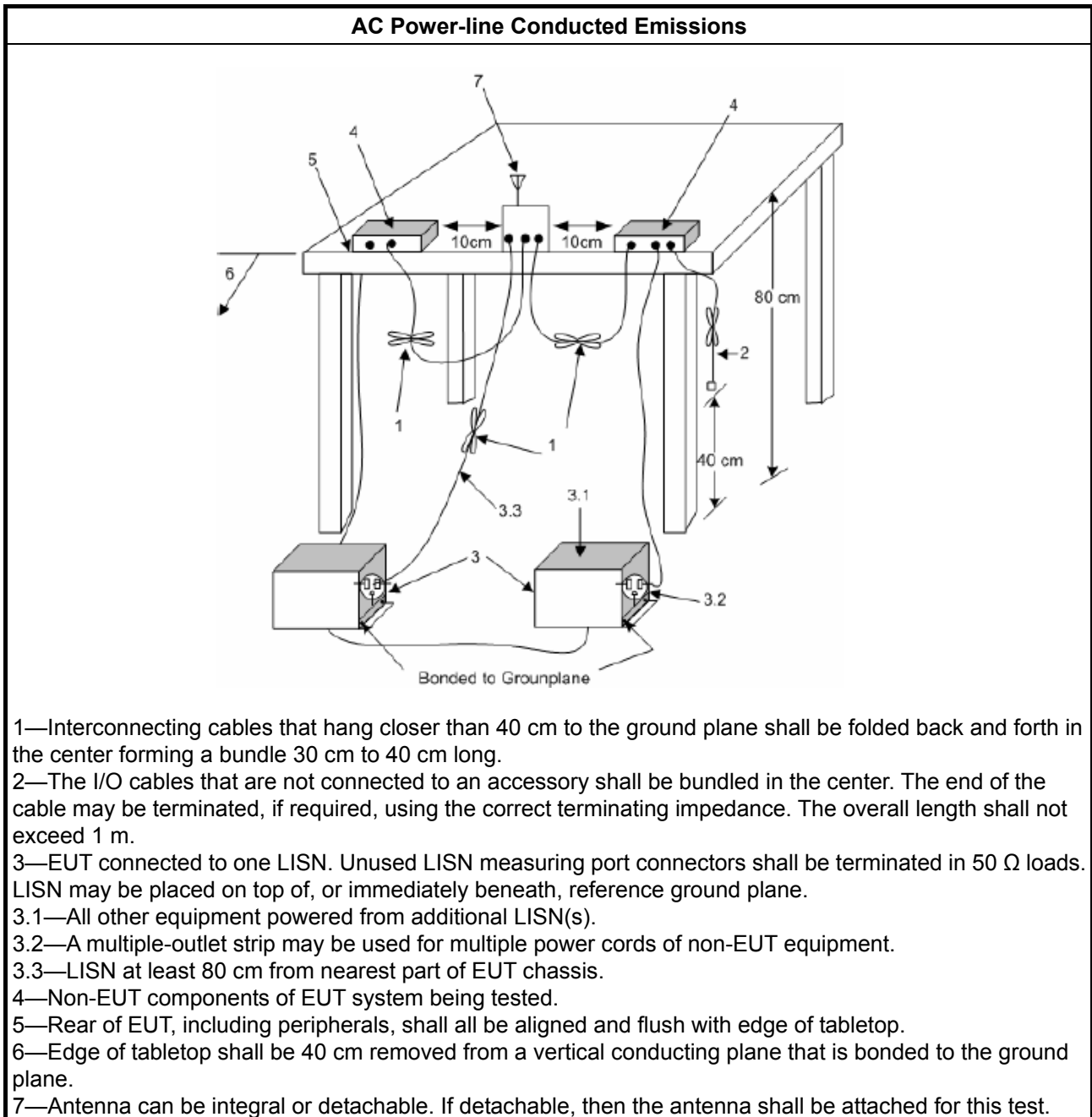
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



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	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
<input type="checkbox"/>	For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
<input type="checkbox"/>	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.
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

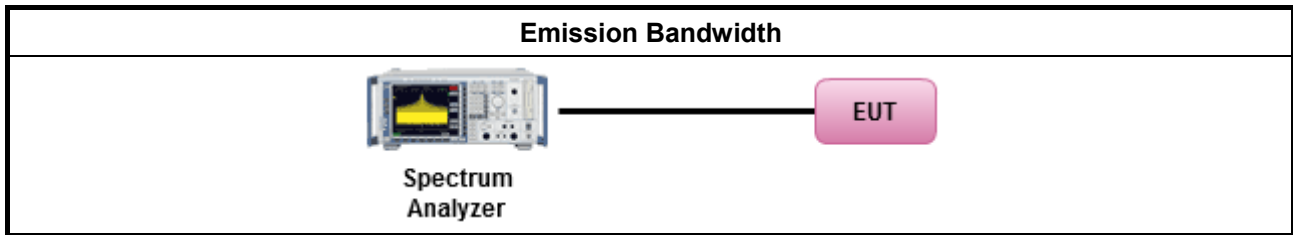
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method							
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;"><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.</td> </tr> </table> 		<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.	<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.						
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.						
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.						

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $\leq 125mW$ [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 $P_{Out} = 24 - (G_{TX} - 6)$.
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$.	
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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.
Maximum EIRP Limit	
<input type="checkbox"/> For the 5.85-5.895 GHz band:	
	<ul style="list-style-type: none"> ▪ Indoor AP & subordinate device < 36 dBm ▪ Client device < 30 dBm
LE-LAN Devices	
<input type="checkbox"/> 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.	
<input type="checkbox"/> 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	
<input type="checkbox"/> 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	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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.

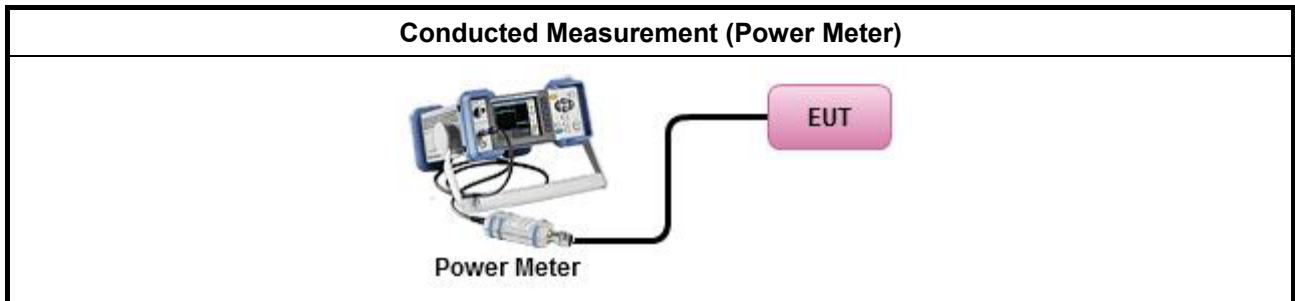
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Average over on/off periods with duty factor	
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, 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	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
<input checked="" type="checkbox"/>	For conducted measurement.
<ul style="list-style-type: none"> 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	
<input type="checkbox"/>	For radiated measurement.
<ul style="list-style-type: none"> Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation. 	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $PPSD = 11 - (G_{TX} - 6)$.
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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.
EIRP Power Spectral Density Limit	
<input type="checkbox"/> For the 5.85-5.895 GHz band:	
	<ul style="list-style-type: none"> ▪ Indoor AP & subordinate device < 20dBm/MHz ▪ Client device < 14dBm/MHz
LE-LAN Devices	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	<ul style="list-style-type: none"> ▪ 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 $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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

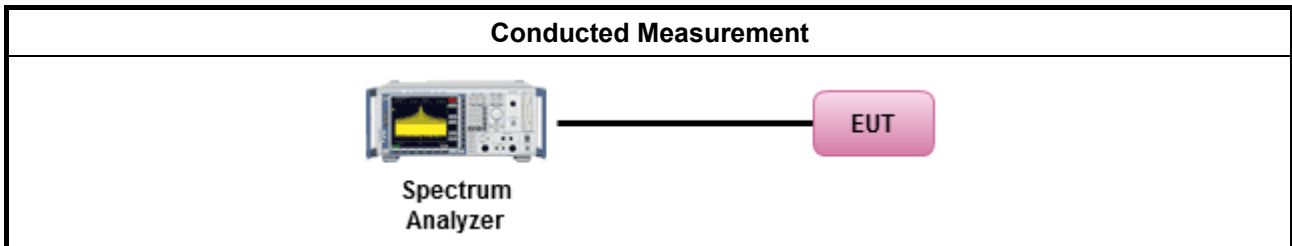
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> ▪ 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:
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, 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]
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input checked="" type="checkbox"/>	For conducted measurement.
	<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below:
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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,
<input type="checkbox"/>	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.
	<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm])

Test Method	
	$EIRP_{total} = PPSD_{total} + DG$
<input type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	<ul style="list-style-type: none"> Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



3.4.5 Test Result of 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
<input checked="" type="checkbox"/> 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input type="checkbox"/> 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input type="checkbox"/> 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input checked="" type="checkbox"/> 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.
<input type="checkbox"/> 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an



	<p>e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.</p> <p>(iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.</p>
<p>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).</p>	

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method															
	<ul style="list-style-type: none"> ▪ 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). 														
	<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 														
	<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td> <ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands. ▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands. </td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.</td> </tr> </table> 		<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands. ▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands. 	<input type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).	<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).	<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands. ▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands. 														
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).														
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).														
<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.														
<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.														
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.														
<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.														
	<ul style="list-style-type: none"> ▪ For radiated measurement. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td> <ul style="list-style-type: none"> ▪ 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. </td> </tr> </table> 		<ul style="list-style-type: none"> ▪ 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. 												
	<ul style="list-style-type: none"> ▪ 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. 														
	<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 														

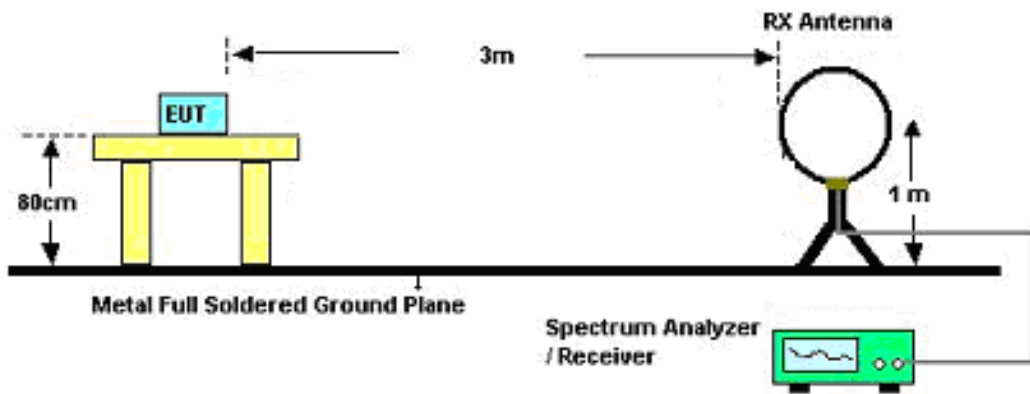
Test Method

- All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

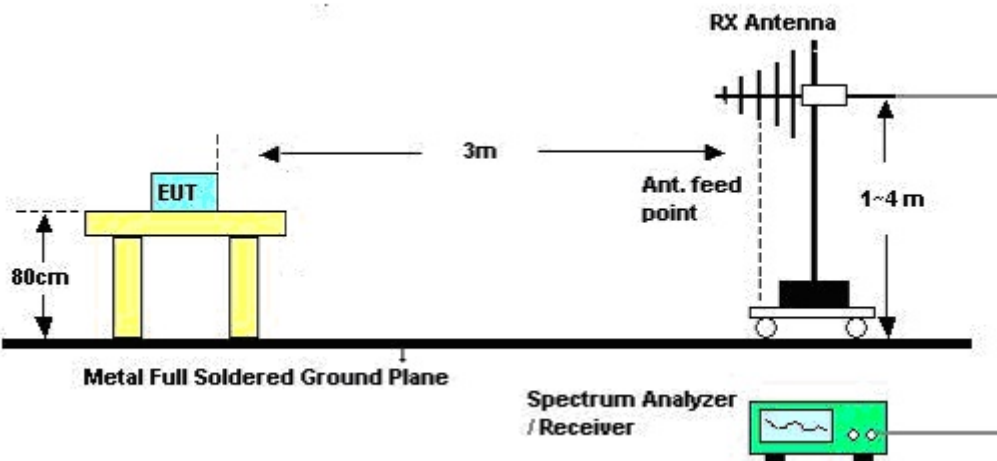
3.5.4 Test Setup

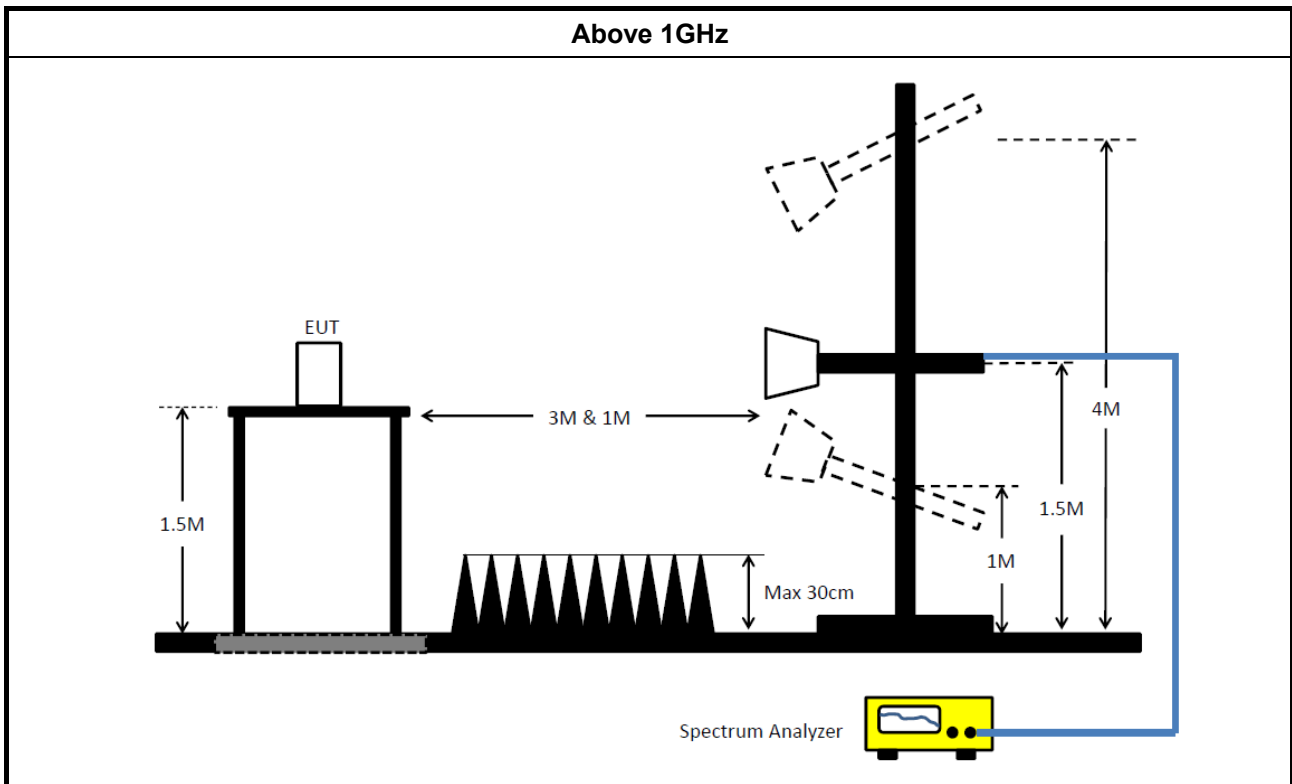
Transmitter Radiated Unwanted Emissions

9kHz ~30MHz



30MHz~1GHz





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: $\text{Antenna factor (AF)} + \text{Cable loss (CL)} + \text{Read level (Raw)} - \text{Preamp factor (PA)}(\text{if applicable}) = \text{Level}$.

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	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 18, 2022	May 17, 2023	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	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 08, 2021	Aug. 07, 2022	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 09, 2021	Oct. 08, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Dec. 16, 2021	Dec. 15, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 18, 2022	Mar. 17, 2023	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Oct. 14, 2021	Oct. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)



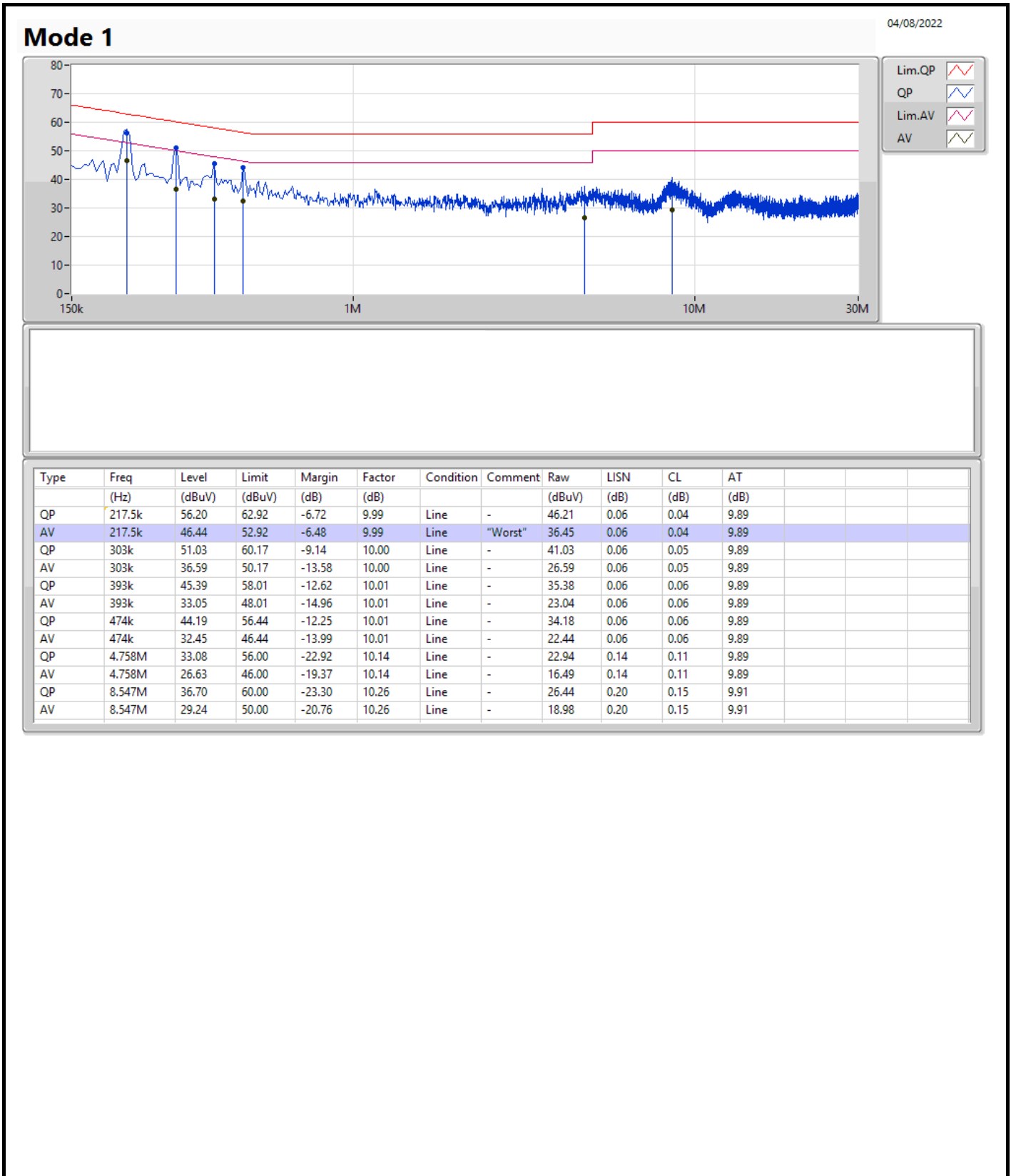
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

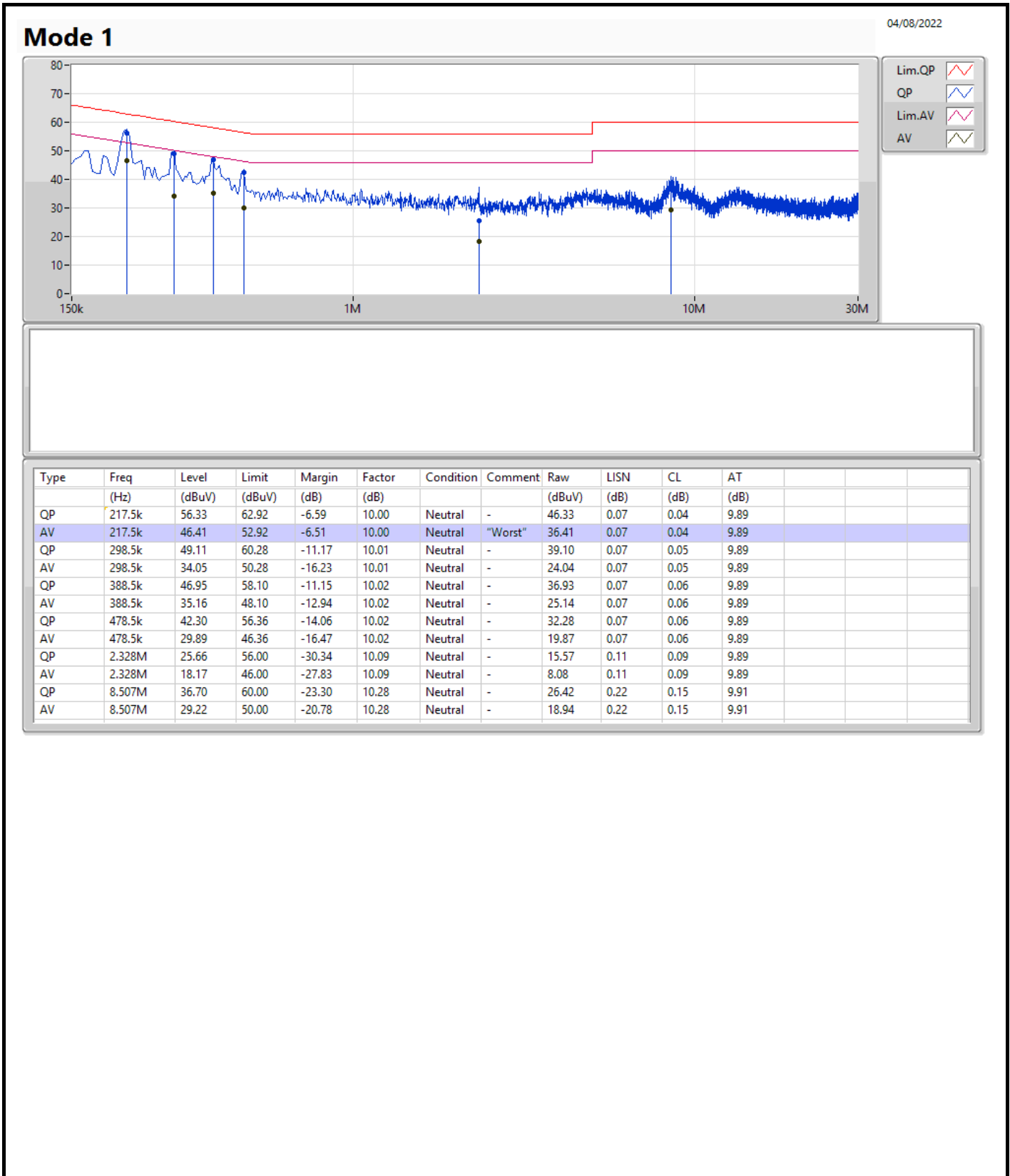
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	217.5k	46.44	52.92	-6.48	Line





For non-beamforming mode

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	26.58M	17.511M	17M5D1D	22.5M	17.211M
802.11ax HEW20_Nss1,(MCS0)_4TX	28.38M	19.28M	19M3D1D	22.17M	19.16M
802.11ax HEW40_Nss1,(MCS0)_4TX	45.42M	38.201M	38M2D1D	41.22M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	86.04M	77.961M	78MOD1D	82.92M	77.721M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	17.451M	17M5D1D	16.32M	17.211M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.96M	19.31M	19M3D1D	18.78M	19.19M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.74M	38.261M	38M3D1D	37.5M	38.081M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.52M	77.961M	78MOD1D	76.8M	77.841M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% 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	26.58M	17.511M	22.8M	17.331M	24.36M	17.241M	23.82M	17.301M
5200MHz	Pass	Inf	23.85M	17.421M	23.88M	17.391M	22.62M	17.301M	24.09M	17.301M
5240MHz	Pass	Inf	25.11M	17.451M	24M	17.361M	22.83M	17.301M	22.5M	17.211M
5745MHz	Pass	500k	16.32M	17.391M	16.32M	17.361M	16.35M	17.361M	16.35M	17.301M
5785MHz	Pass	500k	16.32M	17.331M	16.32M	17.361M	16.32M	17.211M	16.32M	17.301M
5825MHz	Pass	500k	16.35M	17.451M	16.32M	17.331M	16.32M	17.331M	16.35M	17.361M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.89M	19.25M	22.59M	19.22M	22.47M	19.19M	22.98M	19.22M
5200MHz	Pass	Inf	26.16M	19.28M	22.17M	19.19M	28.38M	19.28M	24.87M	19.22M
5240MHz	Pass	Inf	24.75M	19.25M	25.53M	19.19M	22.89M	19.25M	23.4M	19.16M
5745MHz	Pass	500k	18.96M	19.25M	18.93M	19.28M	18.93M	19.19M	18.9M	19.19M
5785MHz	Pass	500k	18.93M	19.25M	18.93M	19.28M	18.93M	19.28M	18.93M	19.25M
5825MHz	Pass	500k	18.78M	19.31M	18.9M	19.28M	18.84M	19.28M	18.9M	19.28M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.4M	38.141M	45.42M	38.141M	43.56M	38.201M	43.02M	38.141M
5230MHz	Pass	Inf	43.74M	38.201M	44.04M	38.141M	41.22M	38.201M	44.64M	38.141M
5755MHz	Pass	500k	37.56M	38.261M	37.62M	38.201M	37.74M	38.201M	37.56M	38.201M
5795MHz	Pass	500k	37.62M	38.141M	37.5M	38.201M	37.68M	38.261M	37.5M	38.081M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.92M	77.961M	86.04M	77.961M	85.32M	77.961M	84.24M	77.721M
5775MHz	Pass	500k	77.28M	77.961M	77.28M	77.961M	76.8M	77.841M	77.52M	77.961M

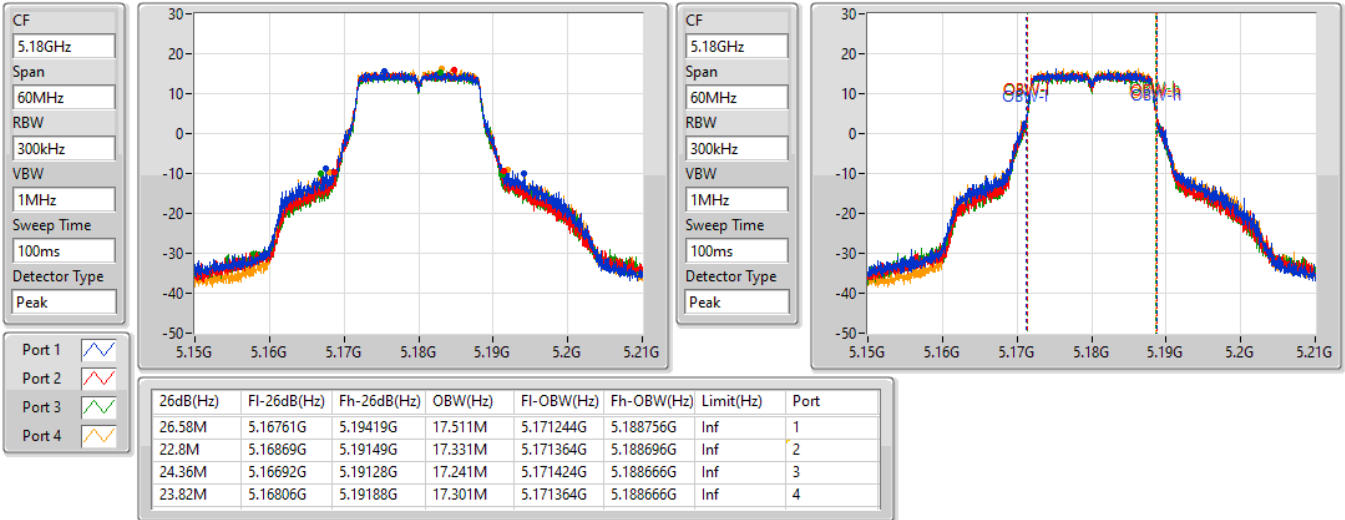
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

10/05/2022

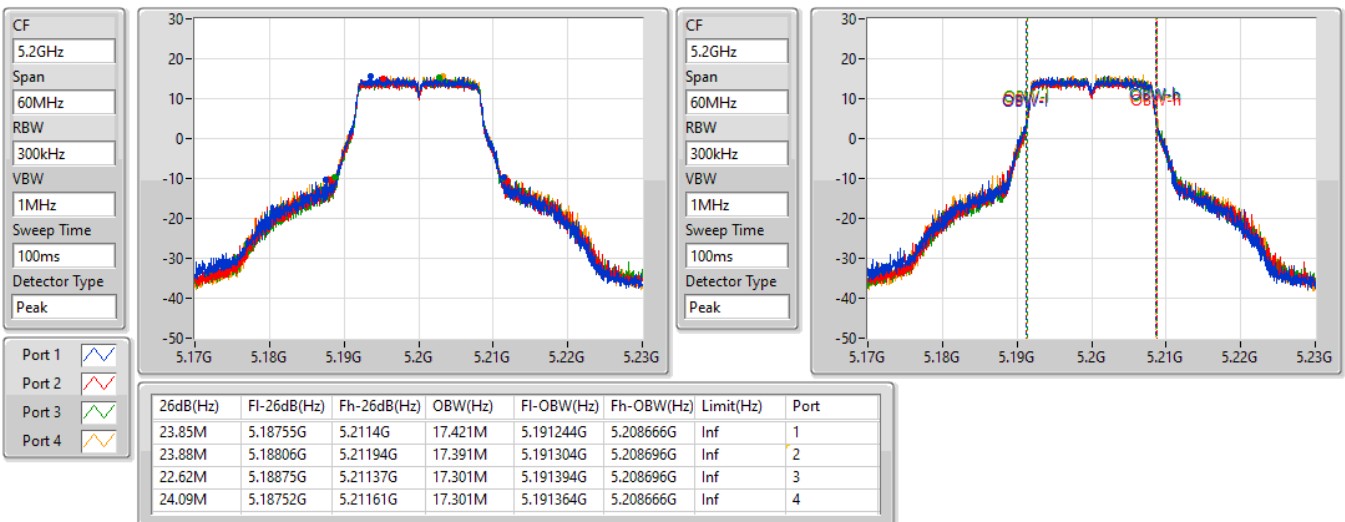


802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

10/05/2022

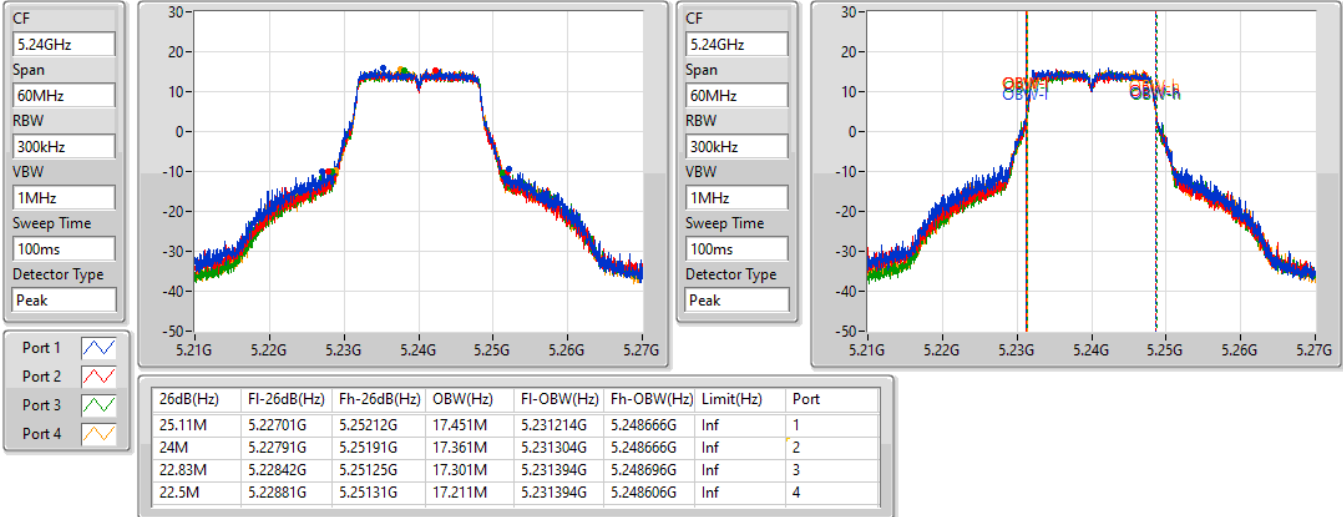


802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

10/05/2022

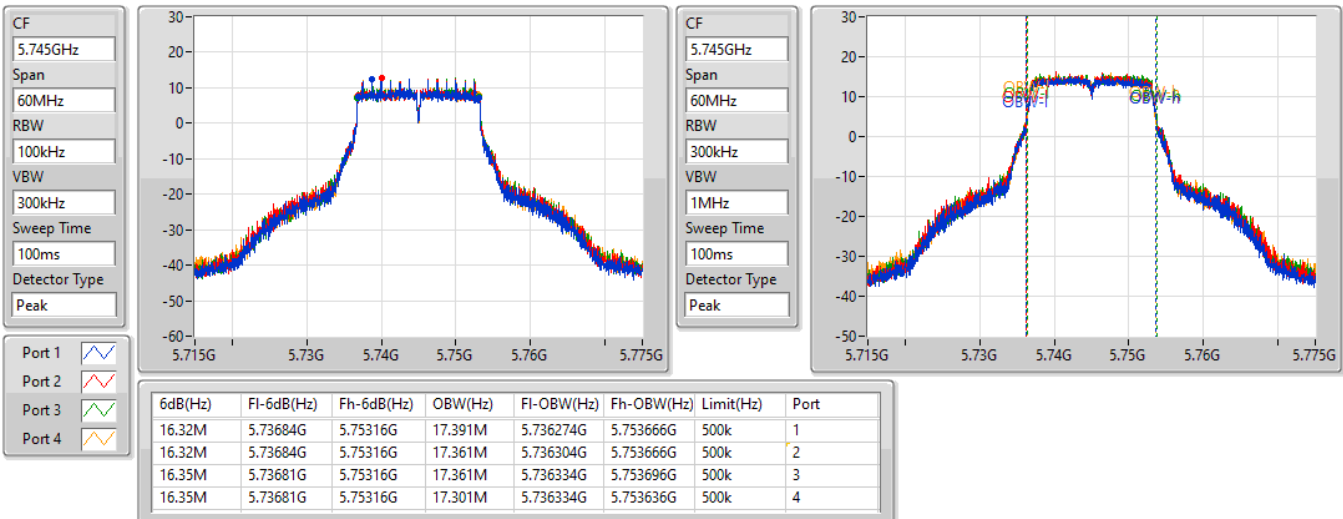


802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

10/05/2022



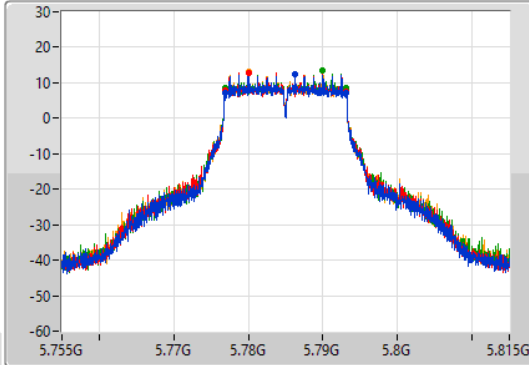
802.11a_Nss1,(6Mbps)_4TX

EBW

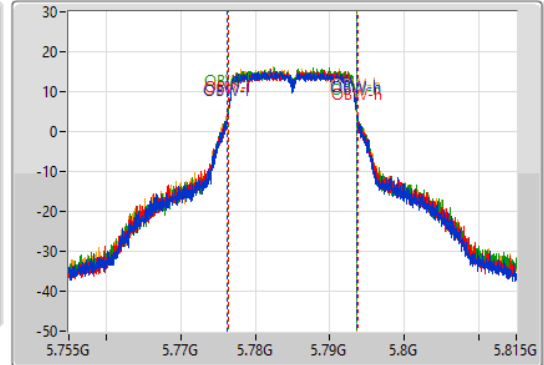
5785MHz

10/05/2022

CF
5.785GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.785GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77684G	5.79316G	17.331M	5.776304G	5.793636G	500k	1
16.32M	5.77684G	5.79316G	17.361M	5.776334G	5.793696G	500k	2
16.32M	5.77684G	5.79316G	17.211M	5.776424G	5.793636G	500k	3
16.32M	5.77684G	5.79316G	17.301M	5.776304G	5.793606G	500k	4

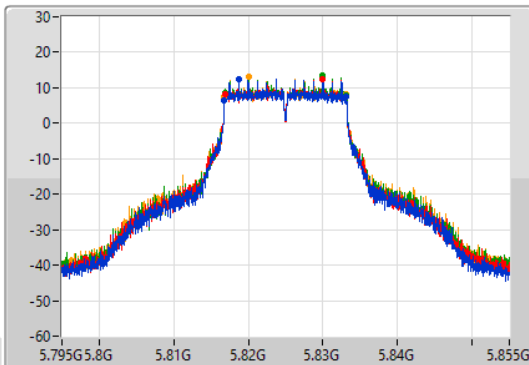
802.11a_Nss1,(6Mbps)_4TX

EBW

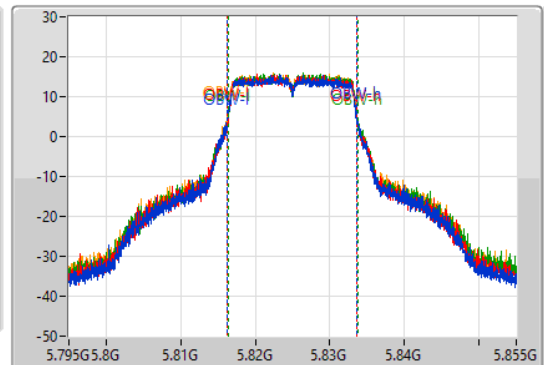
5825MHz

10/05/2022

CF
5.825GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.825GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81681G	5.83316G	17.451M	5.816214G	5.833666G	500k	1
16.32M	5.81684G	5.83316G	17.331M	5.816304G	5.833636G	500k	2
16.32M	5.81684G	5.83316G	17.331M	5.816364G	5.833696G	500k	3
16.35M	5.81681G	5.83316G	17.361M	5.816274G	5.833636G	500k	4

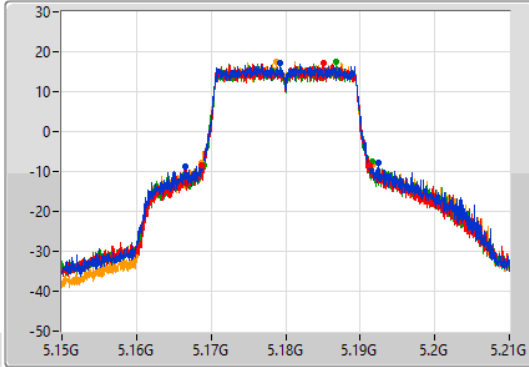
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

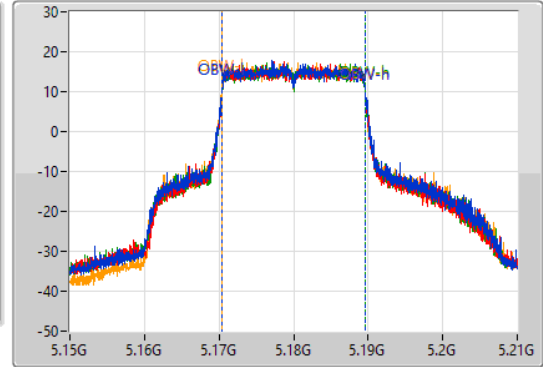
5180MHz

10/05/2022

CF
5.18GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.18GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.89M	5.16659G	5.19248G	19.25M	5.170405G	5.189655G	Inf	1
22.59M	5.16869G	5.19128G	19.22M	5.170405G	5.189625G	Inf	2
22.47M	5.16911G	5.19158G	19.19M	5.170435G	5.189625G	Inf	3
22.98M	5.16878G	5.19176G	19.22M	5.170405G	5.189625G	Inf	4

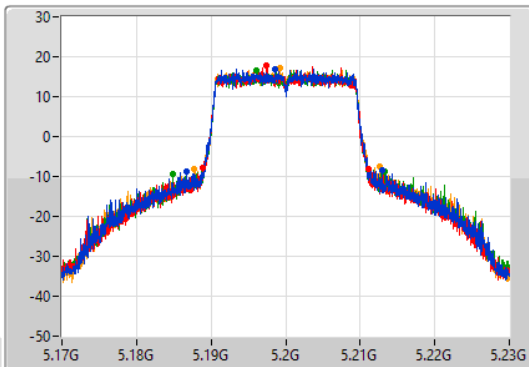
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

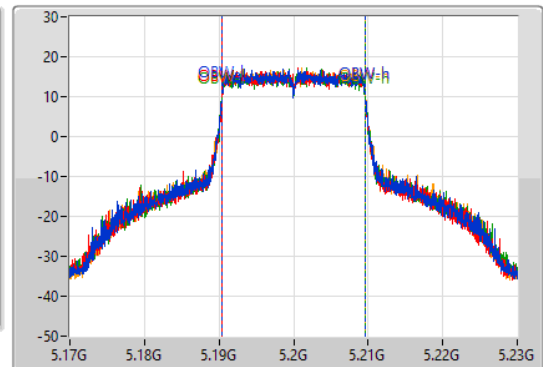
5200MHz

10/05/2022

CF
5.2GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.16M	5.18674G	5.2129G	19.28M	5.190375G	5.209655G	Inf	1
22.17M	5.18893G	5.2111G	19.19M	5.190405G	5.209595G	Inf	2
28.38M	5.18485G	5.21323G	19.28M	5.190375G	5.209655G	Inf	3
24.87M	5.18779G	5.21266G	19.22M	5.190405G	5.209625G	Inf	4

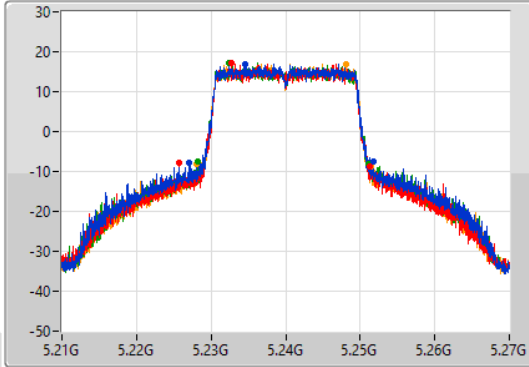
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

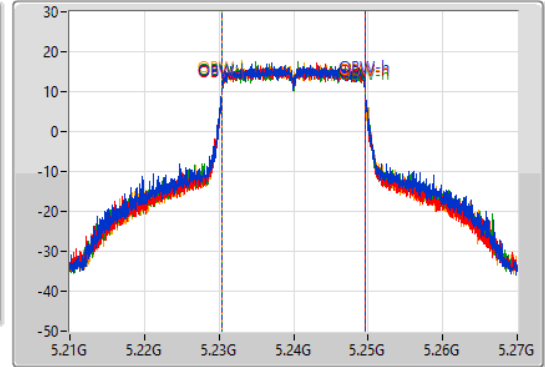
5240MHz

10/05/2022

CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.75M	5.22701G	5.25176G	19.25M	5.230375G	5.249625G	Inf	1
25.53M	5.22575G	5.25128G	19.19M	5.230405G	5.249595G	Inf	2
22.89M	5.22827G	5.25116G	19.25M	5.230375G	5.249625G	Inf	3
23.4M	5.22806G	5.25146G	19.16M	5.230435G	5.249595G	Inf	4

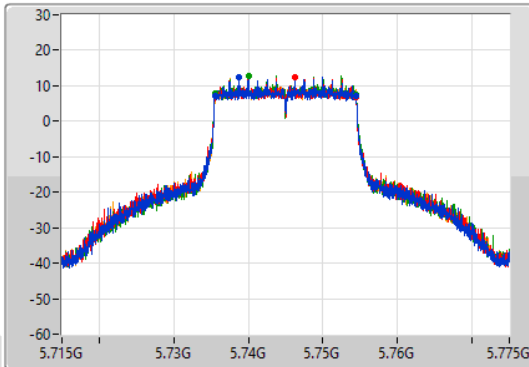
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

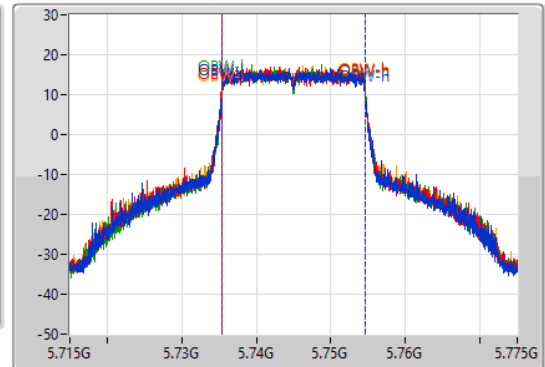
5745MHz

10/05/2022

CF
5.745GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.745GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.73549G	5.75445G	19.25M	5.735375G	5.754625G	500k	1
18.93M	5.73552G	5.75445G	19.28M	5.735345G	5.754625G	500k	2
18.93M	5.73555G	5.75448G	19.19M	5.735405G	5.754595G	500k	3
18.9M	5.73555G	5.75445G	19.19M	5.735405G	5.754595G	500k	4

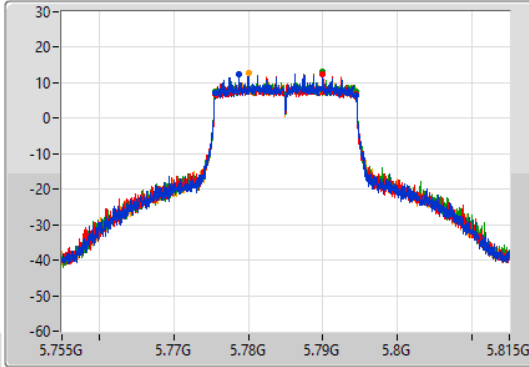
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

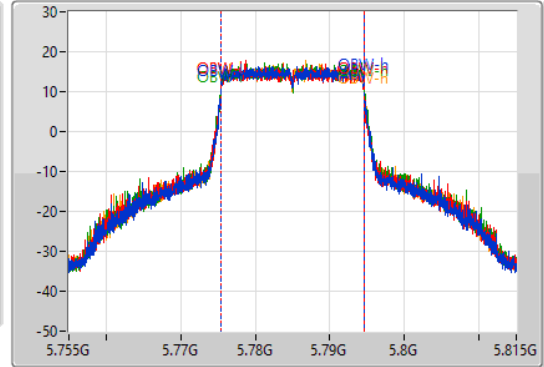
5785MHz

10/05/2022

CF
5.785GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.785GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.77555G	5.79448G	19.25M	5.775375G	5.794625G	500k	1
18.93M	5.77552G	5.79445G	19.28M	5.775345G	5.794625G	500k	2
18.93M	5.77555G	5.79448G	19.28M	5.775375G	5.794655G	500k	3
18.93M	5.77552G	5.79445G	19.25M	5.775375G	5.794625G	500k	4

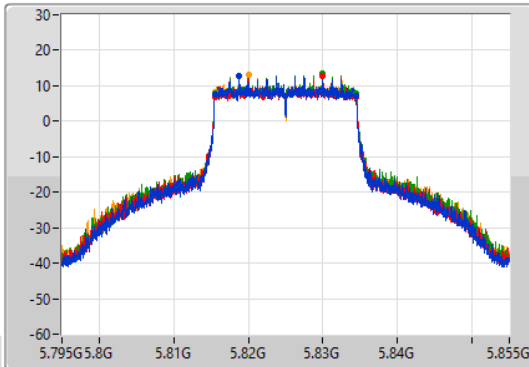
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

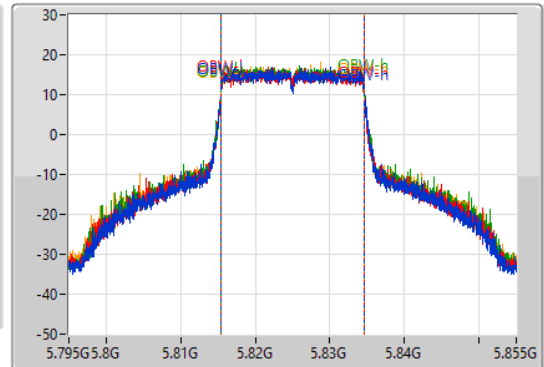
5825MHz

10/05/2022

CF
5.825GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.825GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

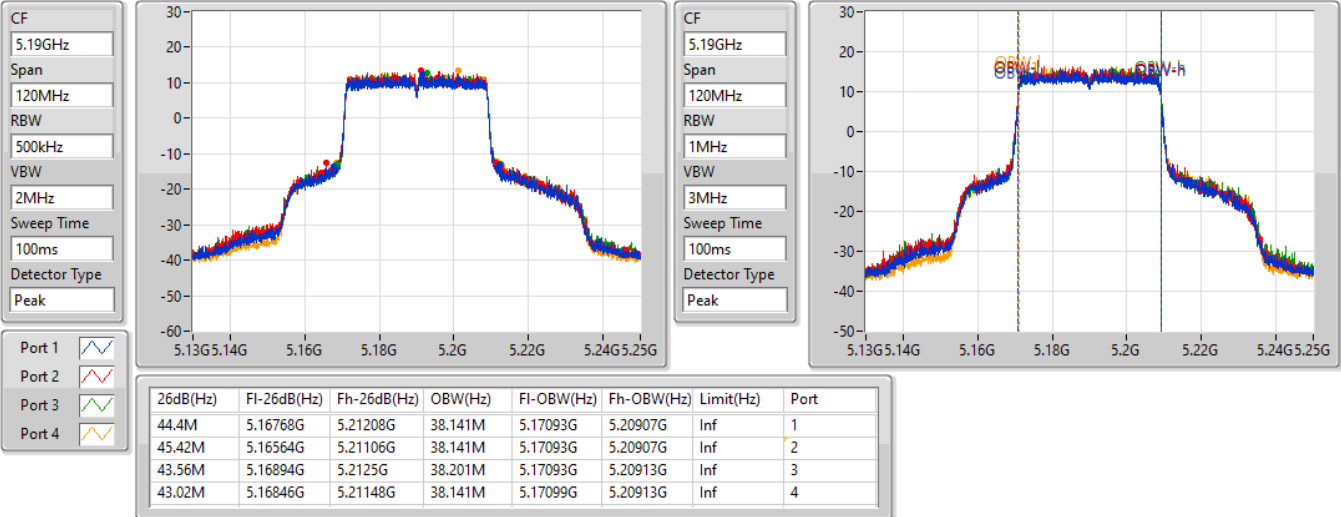
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.78M	5.81561G	5.83439G	19.31M	5.815345G	5.834655G	500k	1
18.9M	5.81552G	5.83442G	19.28M	5.815345G	5.834625G	500k	2
18.84M	5.81558G	5.83442G	19.28M	5.815345G	5.834625G	500k	3
18.9M	5.81555G	5.83445G	19.28M	5.815345G	5.834625G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

10/05/2022

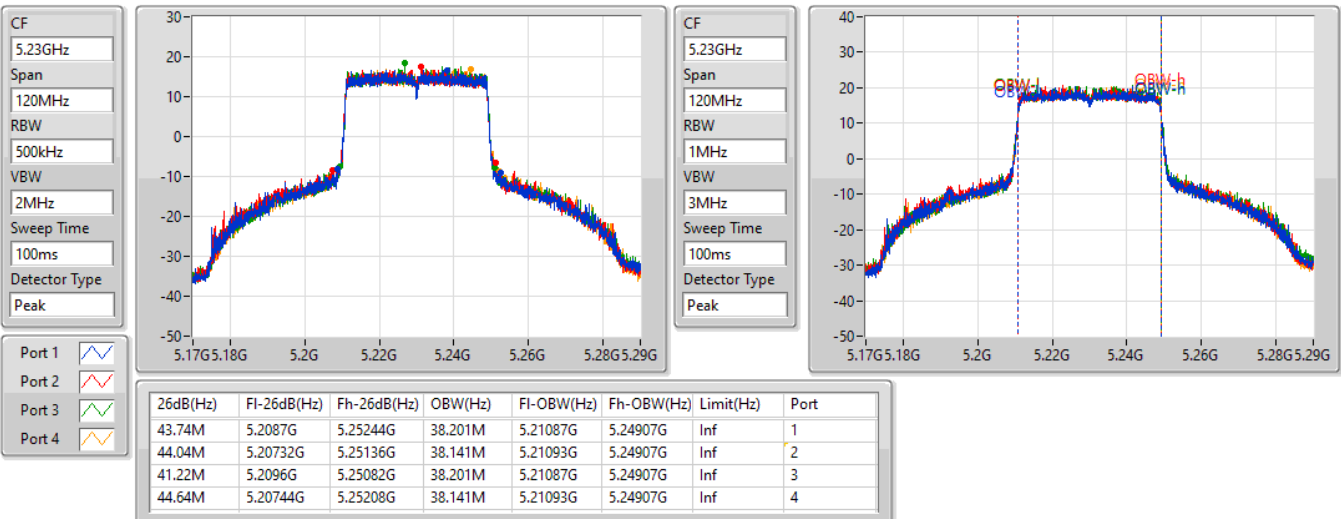


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

10/05/2022



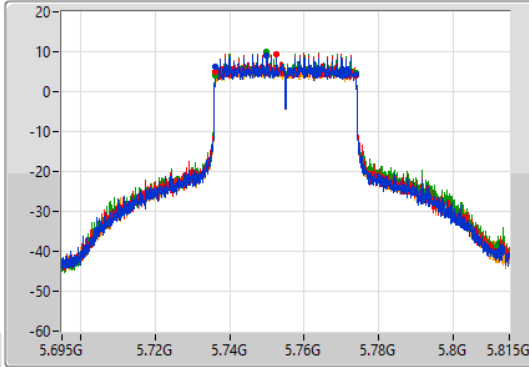
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

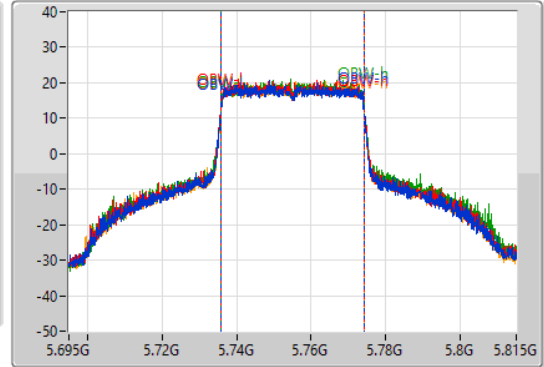
5755MHz

10/05/2022

CF
5.755GHz
Span
120MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.755GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.73622G	5.77378G	38.261M	5.73587G	5.77413G	500k	1
37.62M	5.73616G	5.77378G	38.201M	5.73587G	5.77407G	500k	2
37.74M	5.7361G	5.77384G	38.201M	5.73593G	5.77413G	500k	3
37.56M	5.73616G	5.77372G	38.201M	5.73587G	5.77407G	500k	4

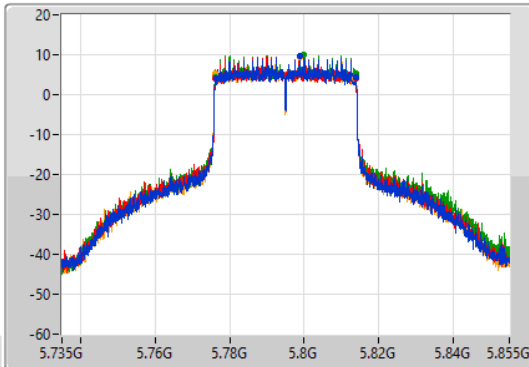
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

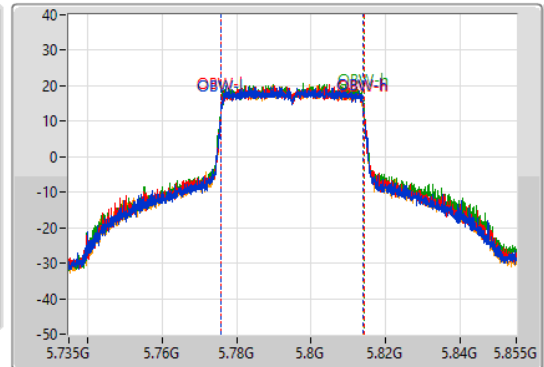
5795MHz

10/05/2022

CF
5.795GHz
Span
120MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.795GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.77634G	5.81396G	38.141M	5.77587G	5.81401G	500k	1
37.5M	5.77628G	5.81378G	38.201M	5.77587G	5.81407G	500k	2
37.68M	5.7761G	5.81378G	38.261M	5.77587G	5.81413G	500k	3
37.5M	5.77616G	5.81366G	38.081M	5.77593G	5.81401G	500k	4

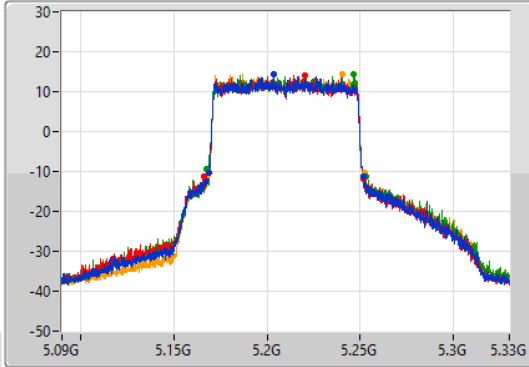
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

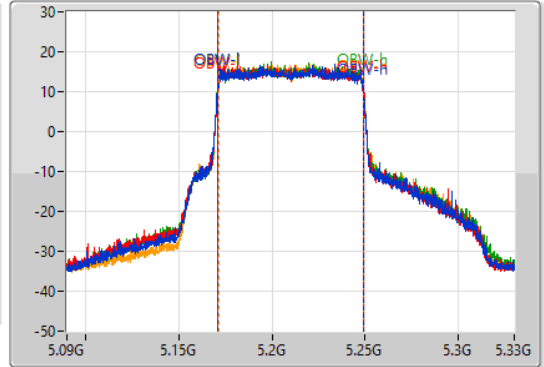
5210MHz

10/05/2022

CF
5.21GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.21GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.16872G	5.25164G	77.961M	5.171019G	5.248981G	Inf	1
86.04M	5.16596G	5.252G	77.961M	5.171019G	5.248981G	Inf	2
85.32M	5.16764G	5.25296G	77.961M	5.171019G	5.248981G	Inf	3
84.24M	5.16836G	5.2526G	77.721M	5.171259G	5.248981G	Inf	4

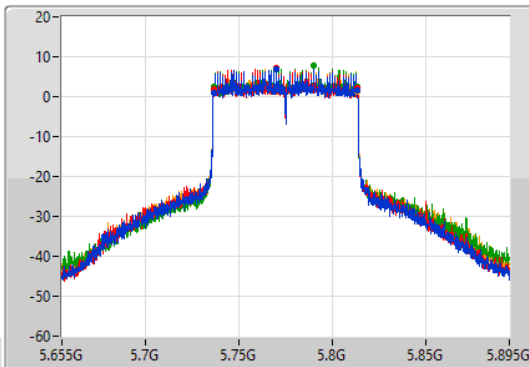
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

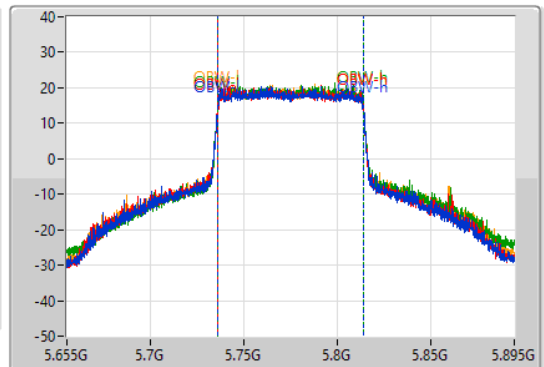
5775MHz

10/05/2022

CF
5.775GHz
Span
240MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.28M	5.73624G	5.81352G	77.961M	5.736019G	5.813981G	500k	1
77.28M	5.73624G	5.81352G	77.961M	5.7359G	5.813861G	500k	2
76.8M	5.73684G	5.81364G	77.841M	5.736139G	5.813981G	500k	3
77.52M	5.73624G	5.81376G	77.961M	5.736019G	5.813981G	500k	4

For beamforming mode

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	27.72M	19.28M	19M3D1D	22.29M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	48.18M	38.261M	38M3D1D	42.54M	38.141M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	90.24M	77.961M	78M0D1D	84.12M	77.721M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.02M	19.31M	19M3D1D	18.75M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.74M	38.201M	38M2D1D	37.44M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.64M	78.081M	78M1D1D	77.04M	77.841M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% 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	27.72M	19.22M	23.04M	19.22M	23.07M	19.25M	26.07M	19.19M
5200MHz	Pass	Inf	23.82M	19.22M	23.25M	19.22M	22.77M	19.22M	26.7M	19.19M
5240MHz	Pass	Inf	22.89M	19.28M	22.29M	19.25M	25.32M	19.19M	24.39M	19.22M
5745MHz	Pass	500k	19.02M	19.25M	18.87M	19.28M	18.96M	19.25M	18.87M	19.25M
5785MHz	Pass	500k	18.87M	19.25M	18.75M	19.22M	18.9M	19.31M	18.78M	19.19M
5825MHz	Pass	500k	18.9M	19.31M	18.9M	19.25M	18.96M	19.25M	18.93M	19.25M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.12M	38.141M	43.32M	38.201M	48.18M	38.141M	44.64M	38.141M
5230MHz	Pass	Inf	45.3M	38.201M	42.66M	38.201M	42.54M	38.261M	47.1M	38.261M
5755MHz	Pass	500k	37.74M	38.201M	37.56M	38.201M	37.74M	38.201M	37.62M	38.081M
5795MHz	Pass	500k	37.74M	38.141M	37.44M	38.081M	37.74M	38.141M	37.74M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	88.32M	77.841M	90.24M	77.721M	89.88M	77.961M	84.12M	77.841M
5775MHz	Pass	500k	77.64M	77.841M	77.28M	78.081M	77.28M	77.841M	77.04M	78.081M

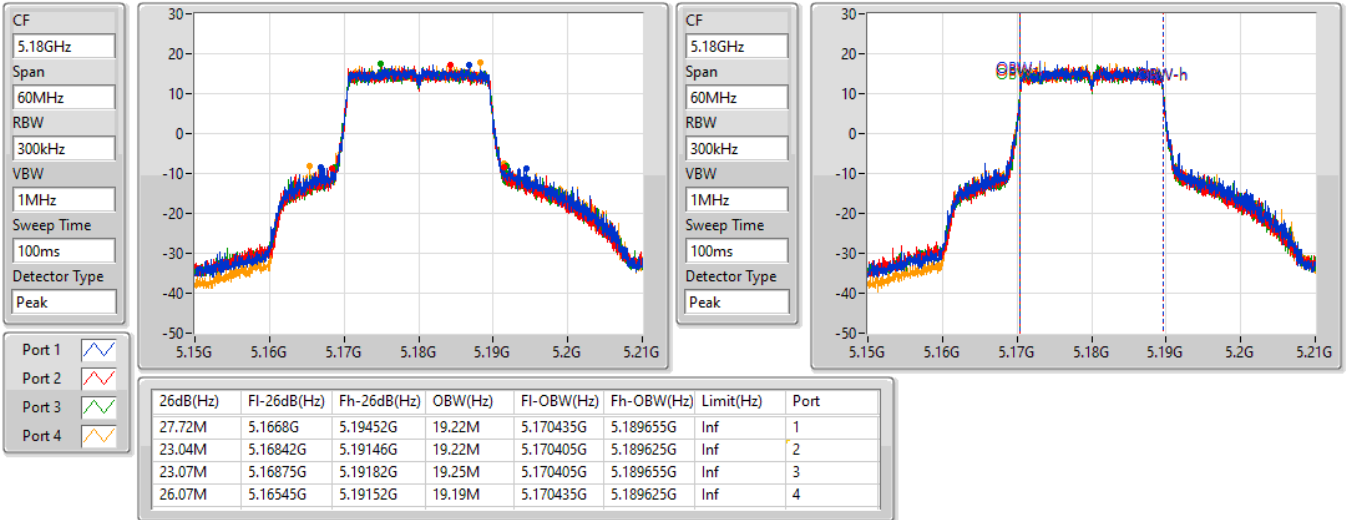
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

10/05/2022

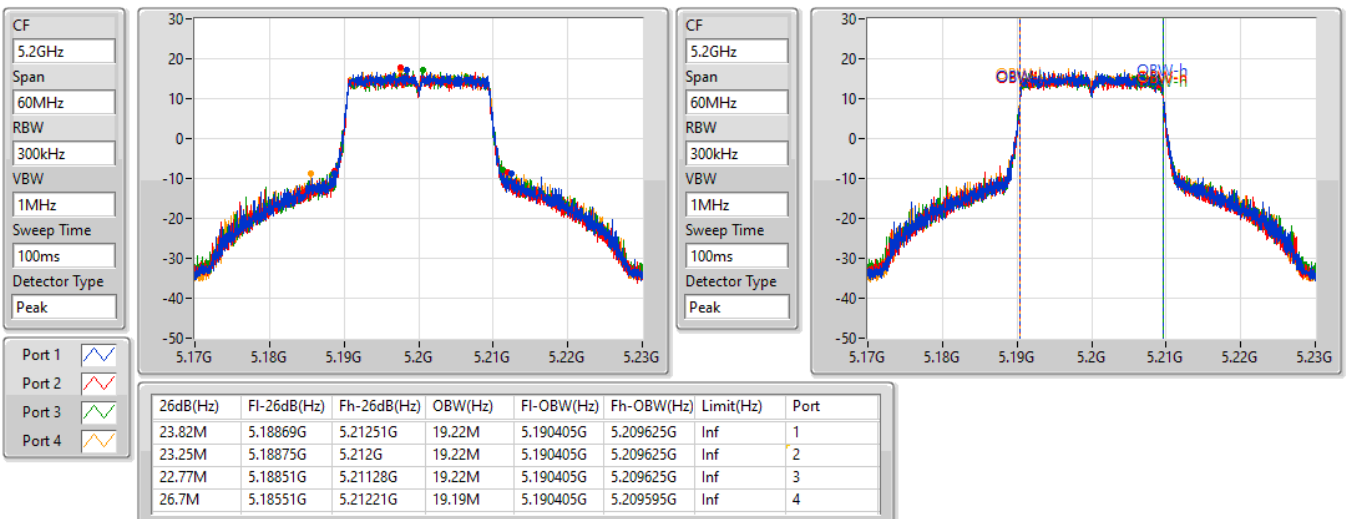


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

10/05/2022



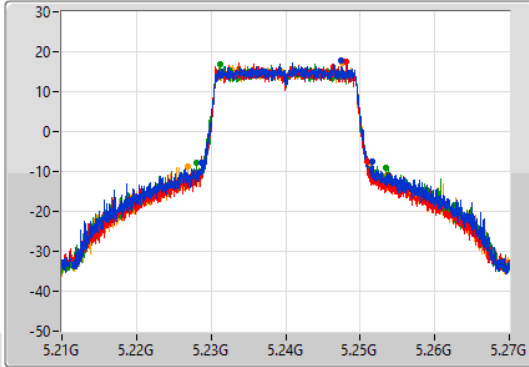
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

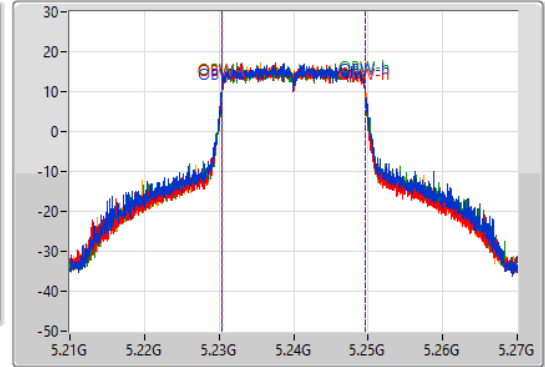
5240MHz

10/05/2022

CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.89M	5.22869G	5.25158G	19.28M	5.230375G	5.249655G	Inf	1
22.29M	5.22866G	5.25095G	19.25M	5.230345G	5.249595G	Inf	2
25.32M	5.22806G	5.25338G	19.19M	5.230405G	5.249595G	Inf	3
24.39M	5.22686G	5.25125G	19.22M	5.230405G	5.249625G	Inf	4

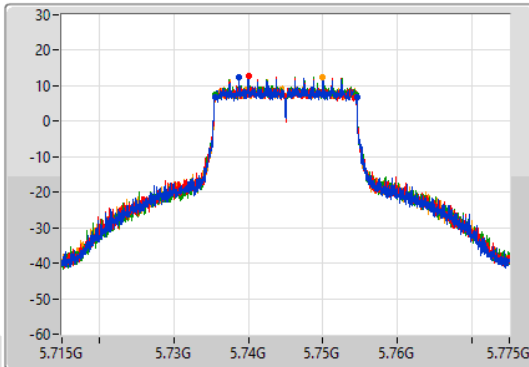
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

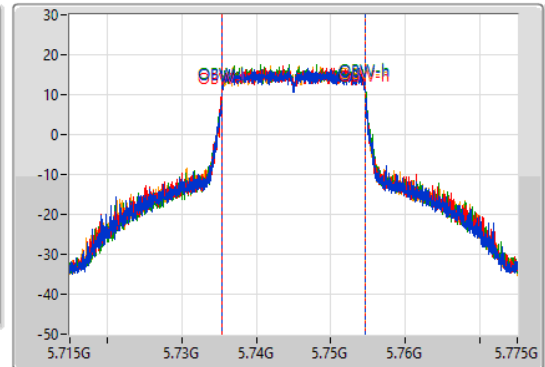
5745MHz

10/05/2022

CF
5.745GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.745GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

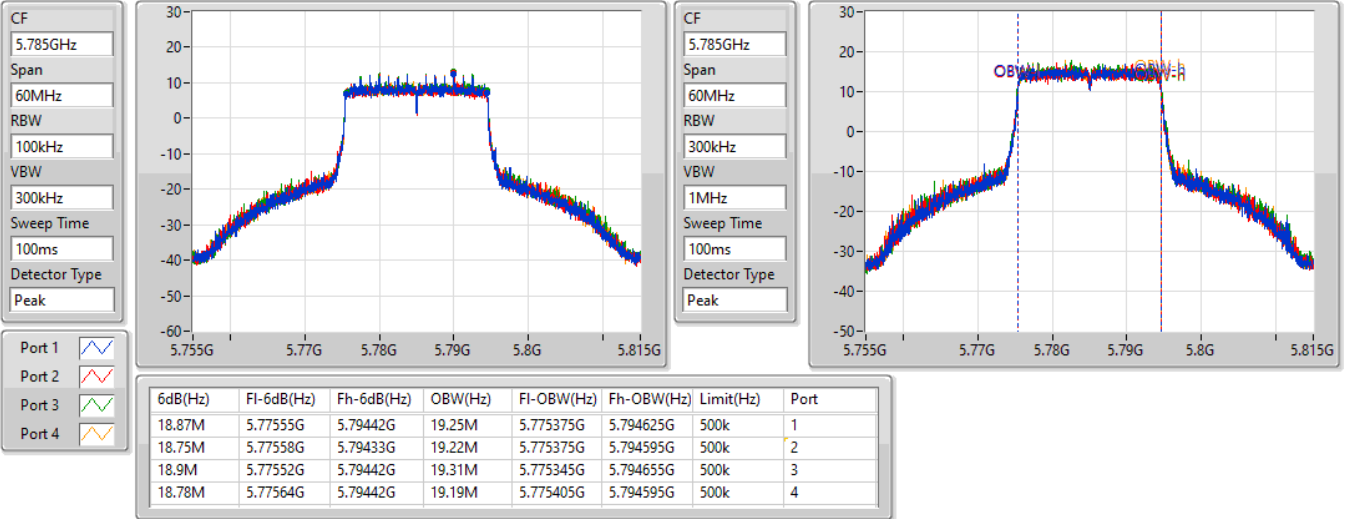
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.73552G	5.75454G	19.25M	5.735375G	5.754625G	500k	1
18.87M	5.73555G	5.75442G	19.28M	5.735345G	5.754625G	500k	2
18.96M	5.73552G	5.75448G	19.25M	5.735405G	5.754655G	500k	3
18.87M	5.73555G	5.75442G	19.25M	5.735375G	5.754625G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

10/05/2022

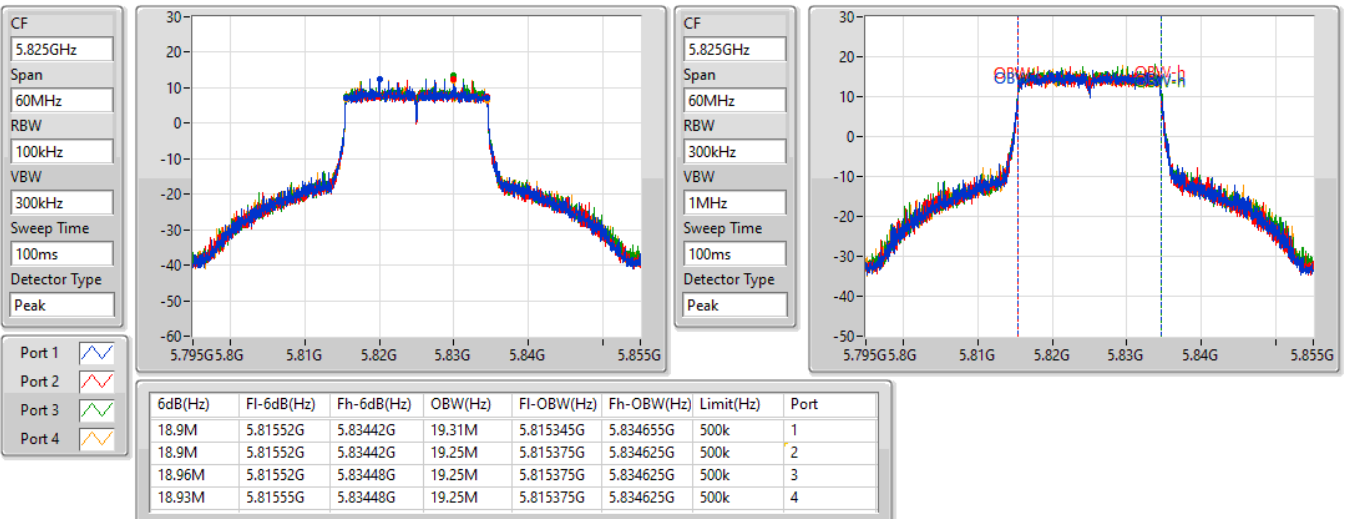


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

10/05/2022



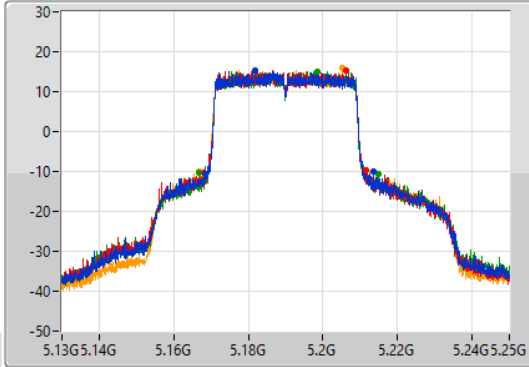
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

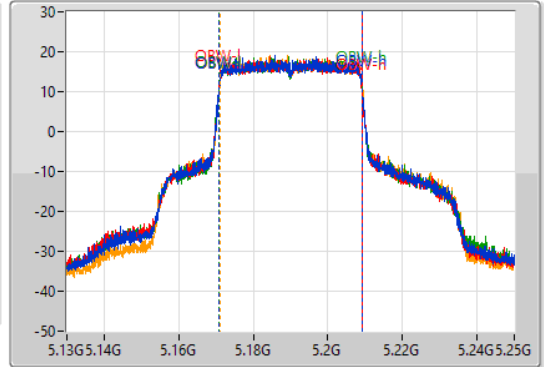
5190MHz

10/05/2022

CF
5.19GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.19GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.12M	5.1684G	5.21352G	38.141M	5.17093G	5.20907G	Inf	1
43.32M	5.1681G	5.21142G	38.201M	5.17093G	5.20913G	Inf	2
48.18M	5.16684G	5.21502G	38.141M	5.17093G	5.20907G	Inf	3
44.64M	5.16684G	5.21148G	38.141M	5.17099G	5.20913G	Inf	4

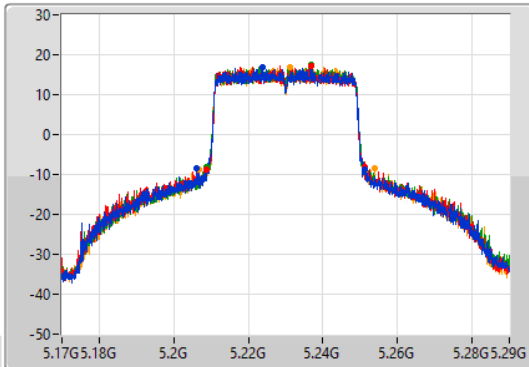
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

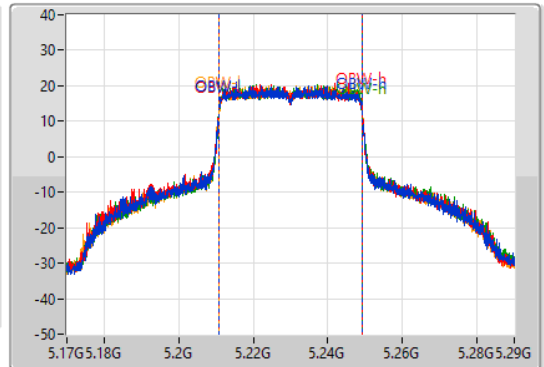
5230MHz

10/05/2022

CF
5.23GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.23GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.3M	5.20606G	5.25136G	38.201M	5.21087G	5.24907G	Inf	1
42.66M	5.20864G	5.2513G	38.201M	5.21087G	5.24907G	Inf	2
42.54M	5.20876G	5.2513G	38.261M	5.21087G	5.24913G	Inf	3
47.1M	5.20672G	5.25382G	38.261M	5.21087G	5.24913G	Inf	4

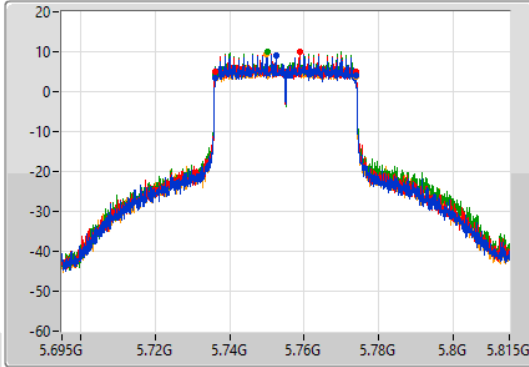
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

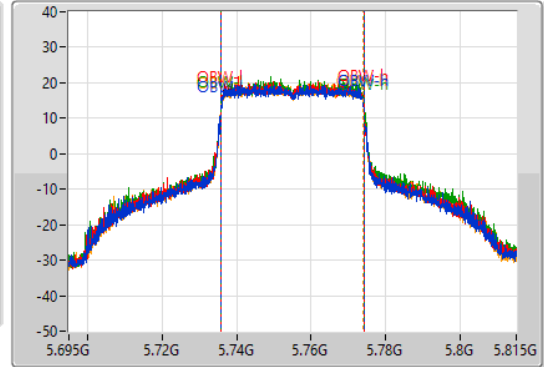
5755MHz

10/05/2022

CF
5.755GHz
Span
120MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.755GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.73604G	5.77378G	38.201M	5.73587G	5.77407G	500k	1
37.56M	5.73616G	5.77372G	38.201M	5.73587G	5.77407G	500k	2
37.74M	5.73616G	5.77399G	38.201M	5.73593G	5.77413G	500k	3
37.62M	5.73616G	5.77378G	38.081M	5.73593G	5.77401G	500k	4

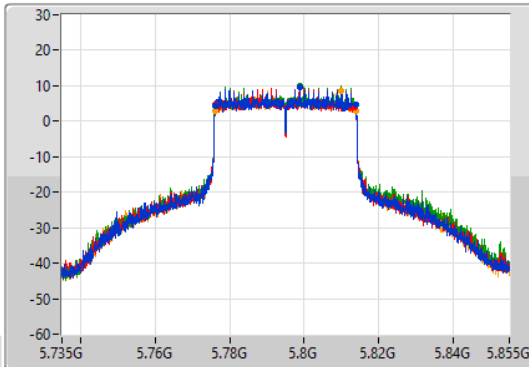
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

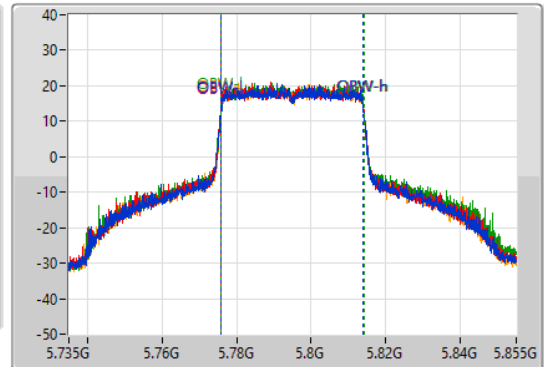
5795MHz

10/05/2022

CF
5.795GHz
Span
120MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.795GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.77604G	5.81378G	38.141M	5.77587G	5.81401G	500k	1
37.44M	5.77616G	5.8136G	38.081M	5.77593G	5.81401G	500k	2
37.74M	5.7761G	5.81384G	38.141M	5.77593G	5.81407G	500k	3
37.74M	5.7761G	5.81384G	38.081M	5.77593G	5.81401G	500k	4

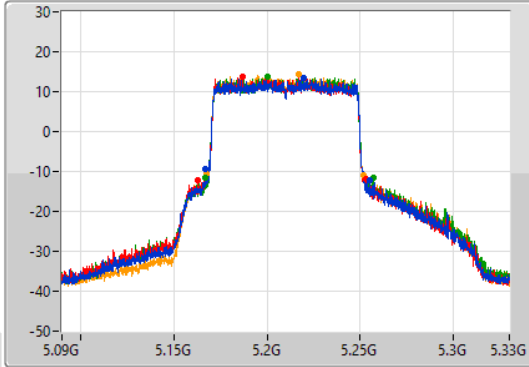
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

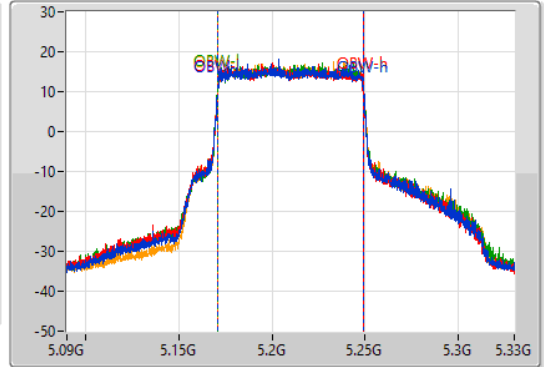
5210MHz

10/05/2022

CF
5.21GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.21GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.32M	5.1668G	5.25512G	77.841M	5.171139G	5.248981G	Inf	1
90.24M	5.16272G	5.25296G	77.721M	5.171139G	5.248861G	Inf	2
89.88M	5.16716G	5.25704G	77.961M	5.171139G	5.2491G	Inf	3
84.12M	5.16776G	5.25188G	77.841M	5.171139G	5.248981G	Inf	4

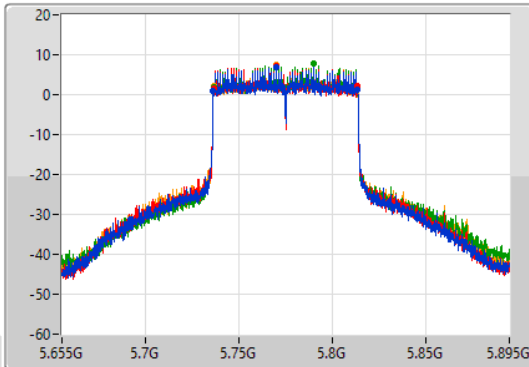
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

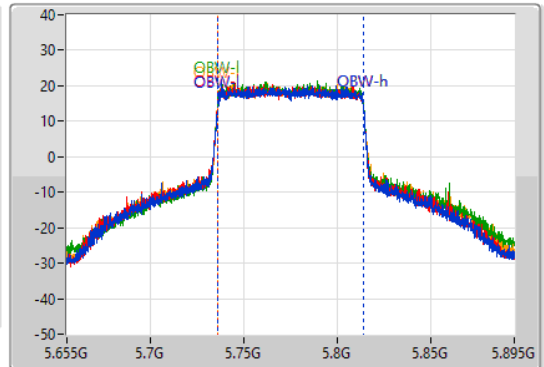
5775MHz

10/05/2022

CF
5.775GHz
Span
240MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.64M	5.73612G	5.81376G	77.841M	5.736019G	5.813861G	500k	1
77.28M	5.73624G	5.81352G	78.081M	5.7359G	5.813981G	500k	2
77.28M	5.73624G	5.81352G	77.841M	5.736139G	5.813981G	500k	3
77.04M	5.73624G	5.81328G	78.081M	5.7359G	5.813981G	500k	4



For non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.84	0.96383
802.11ax HEW20_Nss1,(MCS0)_4TX	29.94	0.98628
802.11ax HEW40_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ax HEW80_Nss1,(MCS0)_4TX	26.29	0.42560
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.91	0.97949
802.11ax HEW20_Nss1,(MCS0)_4TX	29.99	0.99770
802.11ax HEW40_Nss1,(MCS0)_4TX	29.82	0.95940
802.11ax HEW80_Nss1,(MCS0)_4TX	29.93	0.98401



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	3.28	23.84	23.74	23.55	24.12	29.84	30.00
5200MHz	Pass	3.28	23.93	23.53	23.54	23.92	29.75	30.00
5240MHz	Pass	3.28	23.98	23.52	23.63	23.73	29.74	30.00
5745MHz	Pass	4.21	23.54	23.74	23.94	23.86	29.79	30.00
5785MHz	Pass	4.21	23.78	23.66	24.28	23.82	29.91	30.00
5825MHz	Pass	4.21	23.56	23.64	24.08	23.90	29.82	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.28	23.93	23.83	23.66	24.22	29.94	30.00
5200MHz	Pass	3.28	23.78	23.67	23.59	23.95	29.77	30.00
5240MHz	Pass	3.28	24.01	23.86	23.63	23.96	29.89	30.00
5745MHz	Pass	4.21	23.69	23.92	24.24	23.89	29.96	30.00
5785MHz	Pass	4.21	23.78	23.81	24.24	24.03	29.99	30.00
5825MHz	Pass	4.21	23.59	23.64	24.21	23.92	29.87	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.28	19.43	19.87	19.69	19.81	25.72	30.00
5230MHz	Pass	3.28	23.87	23.82	24.19	23.94	29.98	30.00
5755MHz	Pass	4.21	23.54	23.97	23.94	23.68	29.81	30.00
5795MHz	Pass	4.21	23.69	23.67	23.98	23.84	29.82	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.28	20.12	20.14	20.37	20.42	26.29	30.00
5775MHz	Pass	4.21	23.56	23.78	24.24	24.03	29.93	30.00

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



For beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.94	0.98628
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.29	0.42560
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.99	0.99770
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.82	0.95940
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	29.93	0.98401



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.45	23.93	23.83	23.66	24.22	29.94	30.00
5200MHz	Pass	4.45	23.78	23.67	23.59	23.95	29.77	30.00
5240MHz	Pass	4.45	24.01	23.86	23.63	23.96	29.89	30.00
5745MHz	Pass	4.43	23.69	23.92	24.24	23.89	29.96	30.00
5785MHz	Pass	4.43	23.78	23.81	24.24	24.03	29.99	30.00
5825MHz	Pass	4.43	23.59	23.64	24.21	23.92	29.87	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.45	22.09	22.11	22.2	22.2	28.17	30.00
5230MHz	Pass	4.45	23.87	23.82	24.19	23.94	29.98	30.00
5755MHz	Pass	4.43	23.54	23.97	23.94	23.68	29.81	30.00
5795MHz	Pass	4.43	23.69	23.67	23.98	23.84	29.82	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.45	20.12	20.14	20.37	20.42	26.29	30.00
5775MHz	Pass	4.43	23.56	23.78	24.24	24.03	29.93	30.00

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



For non-beamforming mode

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.93
802.11ax HEW20_Nss1,(MCS0)_4TX	16.59
802.11ax HEW40_Nss1,(MCS0)_4TX	13.71
802.11ax HEW80_Nss1,(MCS0)_4TX	7.34
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.53
802.11ax HEW20_Nss1,(MCS0)_4TX	14.95
802.11ax HEW40_Nss1,(MCS0)_4TX	12.17
802.11ax HEW80_Nss1,(MCS0)_4TX	9.41

RBW = 500kHz 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	4.45	11.11	10.92	10.75	11.33	16.93	17.00
5200MHz	Pass	4.45	11.06	10.65	10.89	11.07	16.83	17.00
5240MHz	Pass	4.45	11.22	10.80	10.81	10.91	16.80	17.00
5745MHz	Pass	4.43	9.41	9.64	9.67	9.55	15.48	30.00
5785MHz	Pass	4.43	9.44	9.41	9.71	9.71	15.50	30.00
5825MHz	Pass	4.43	9.33	9.43	9.83	9.64	15.53	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.45	10.69	10.57	10.39	10.78	16.59	17.00
5200MHz	Pass	4.45	10.52	10.31	10.27	10.55	16.36	17.00
5240MHz	Pass	4.45	10.76	10.52	10.39	10.56	16.47	17.00
5745MHz	Pass	4.43	8.76	9.06	9.37	8.95	14.95	30.00
5785MHz	Pass	4.43	8.88	8.82	9.29	9.06	14.93	30.00
5825MHz	Pass	4.43	8.79	8.79	9.32	8.93	14.82	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.45	3.19	3.68	3.55	3.56	9.42	17.00
5230MHz	Pass	4.45	7.74	7.75	7.94	7.72	13.71	17.00
5755MHz	Pass	4.43	5.92	6.29	6.67	5.94	12.09	30.00
5795MHz	Pass	4.43	6.03	6.17	6.72	5.99	12.17	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.45	1.40	1.42	1.54	1.53	7.34	17.00
5775MHz	Pass	4.43	3.14	3.31	3.96	3.61	9.41	30.00

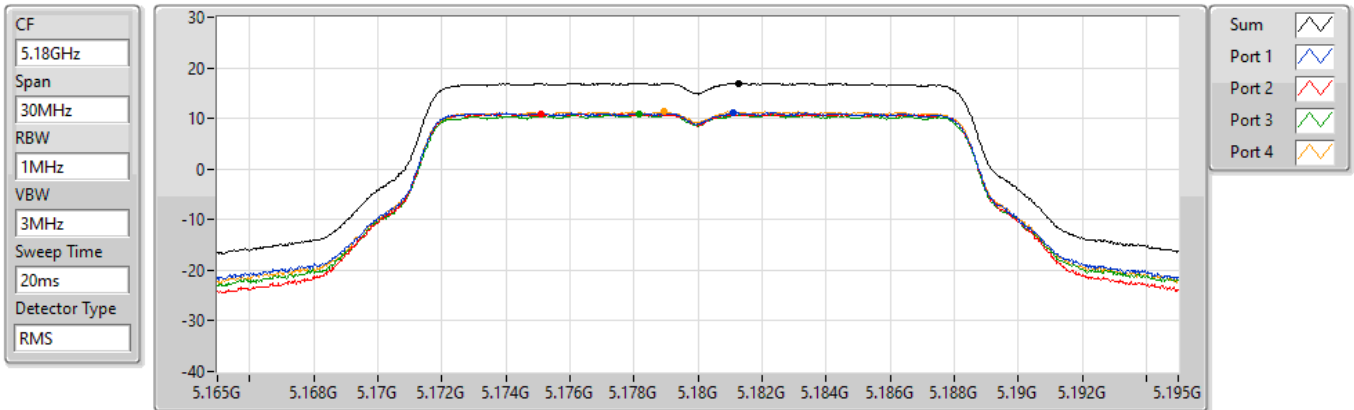
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

10/05/2022

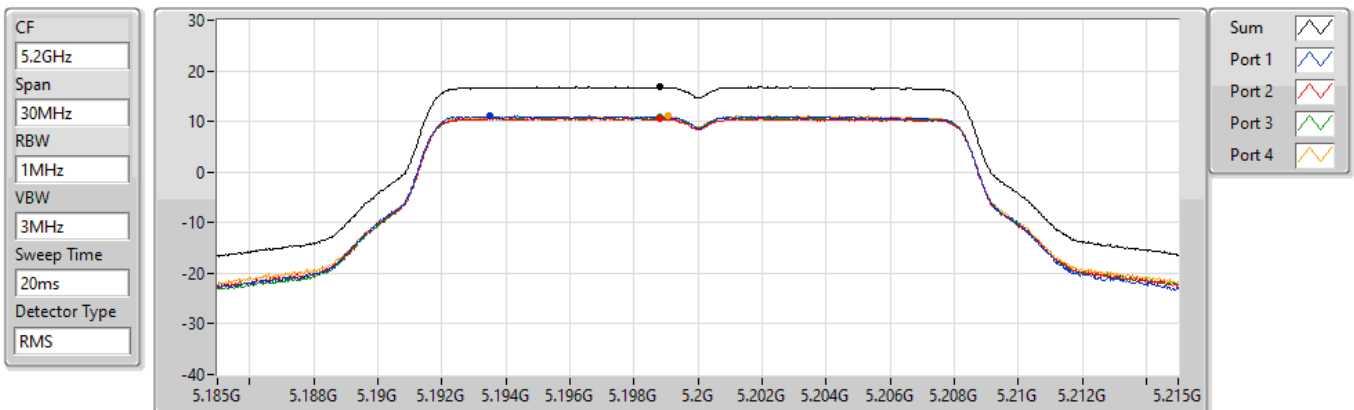


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

10/05/2022

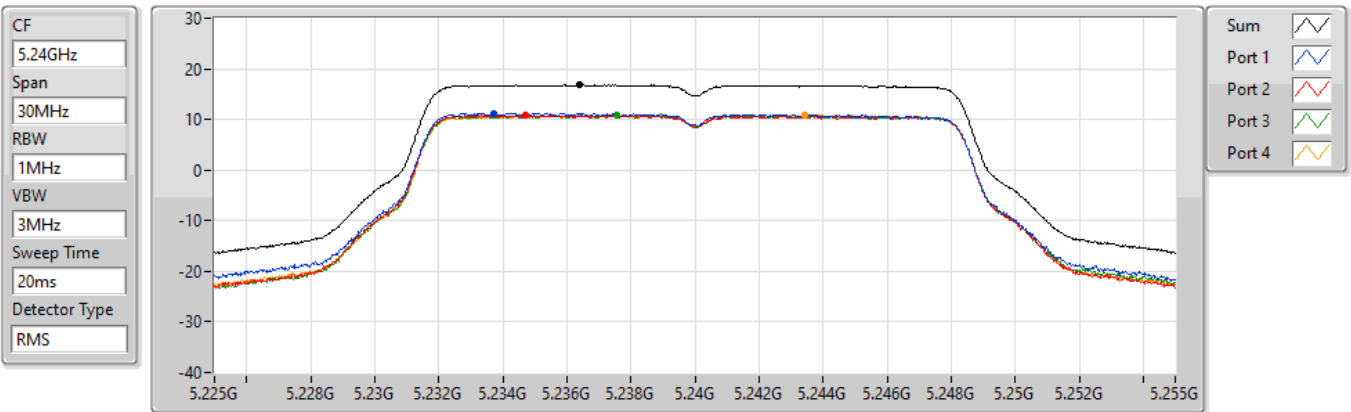


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

10/05/2022



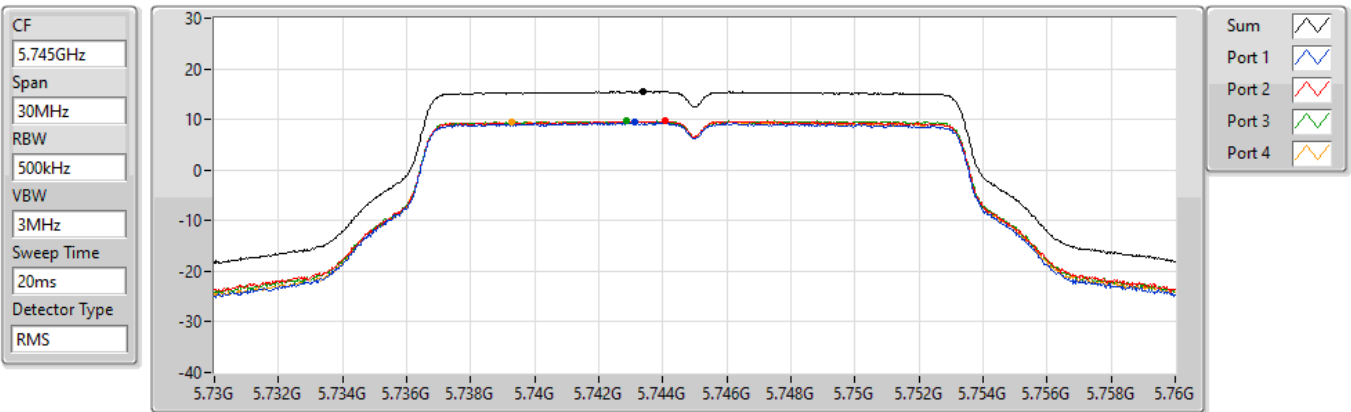
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.80	16.80	11.22	10.80	10.81	10.91

802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

10/05/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.48	15.48	9.41	9.64	9.67	9.55

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

10/05/2022

CF
5.785GHz

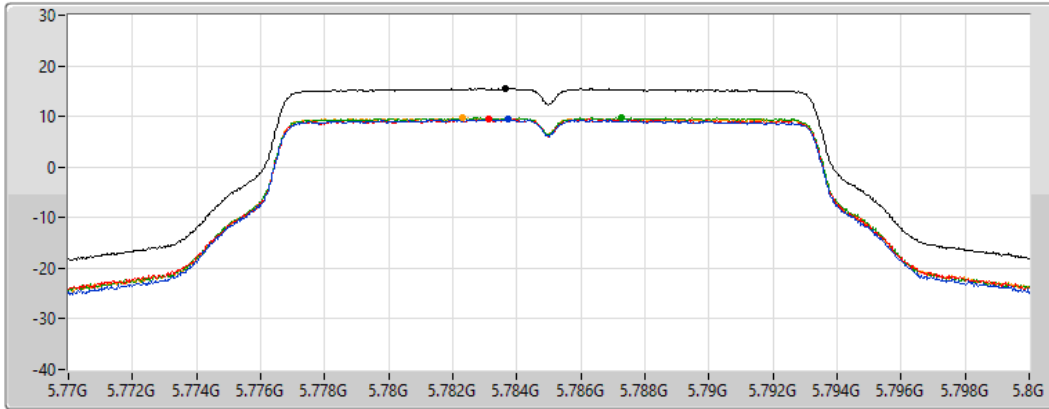
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms


Detector Type
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

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	9.44	9.41	9.71	9.71

802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

10/05/2022

CF
5.825GHz

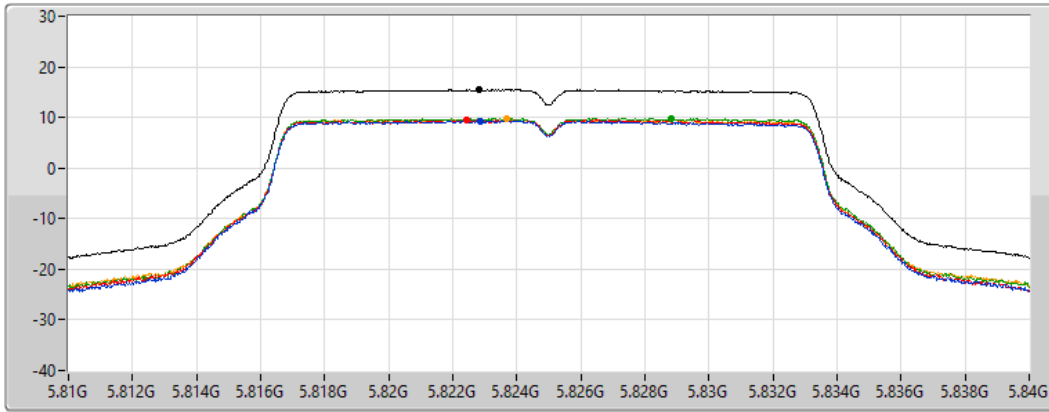
Span
30MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms


Detector Type
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

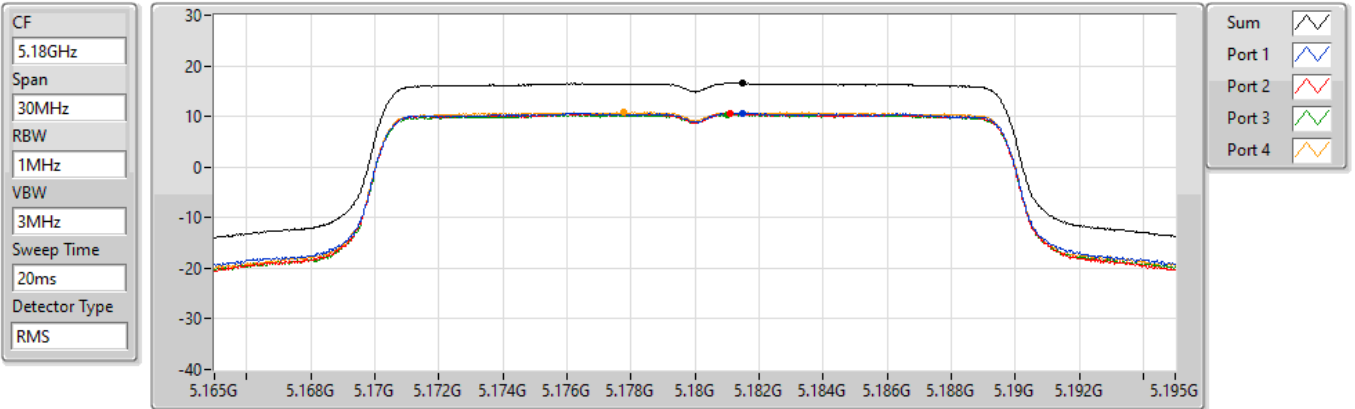
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.53	15.53	9.33	9.43	9.83	9.64

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

10/05/2022



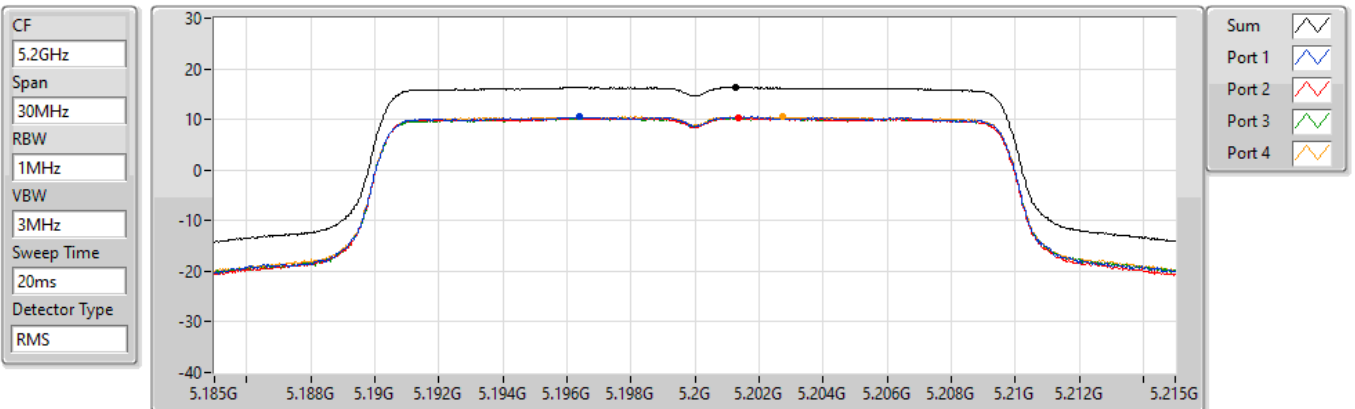
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.59	16.59	10.69	10.57	10.39	10.78

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

10/05/2022



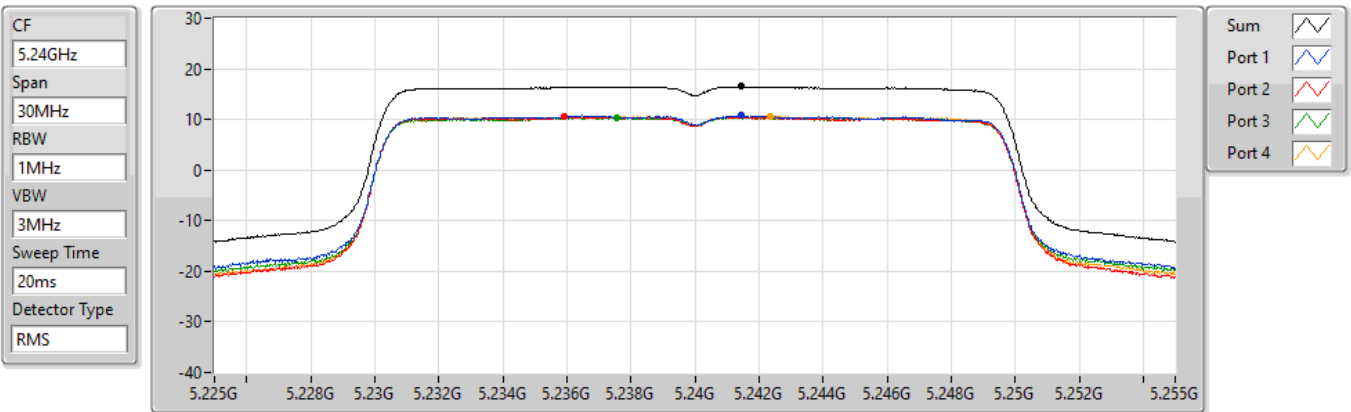
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.36	16.36	10.52	10.31	10.27	10.55

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

10/05/2022



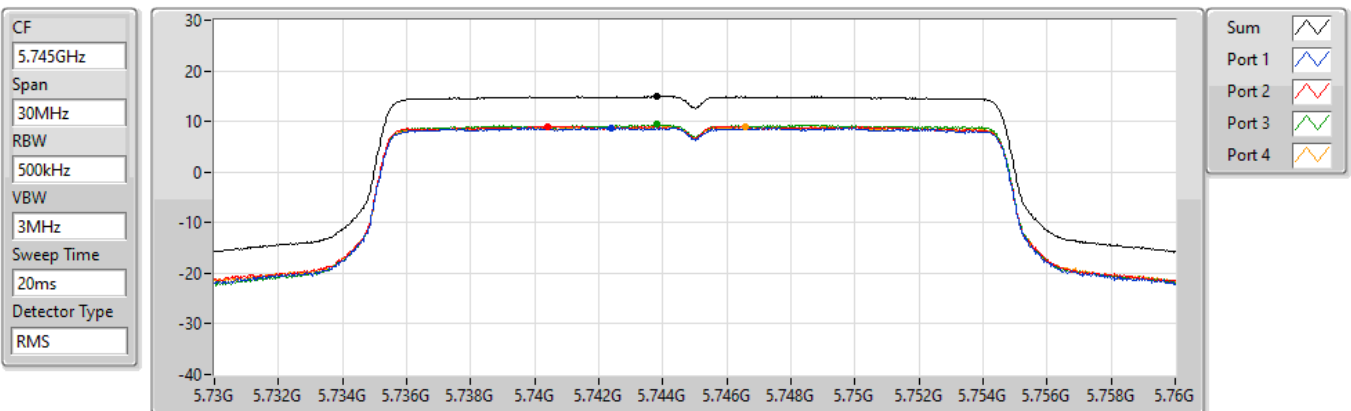
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.47	16.47	10.76	10.52	10.39	10.56

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

10/05/2022



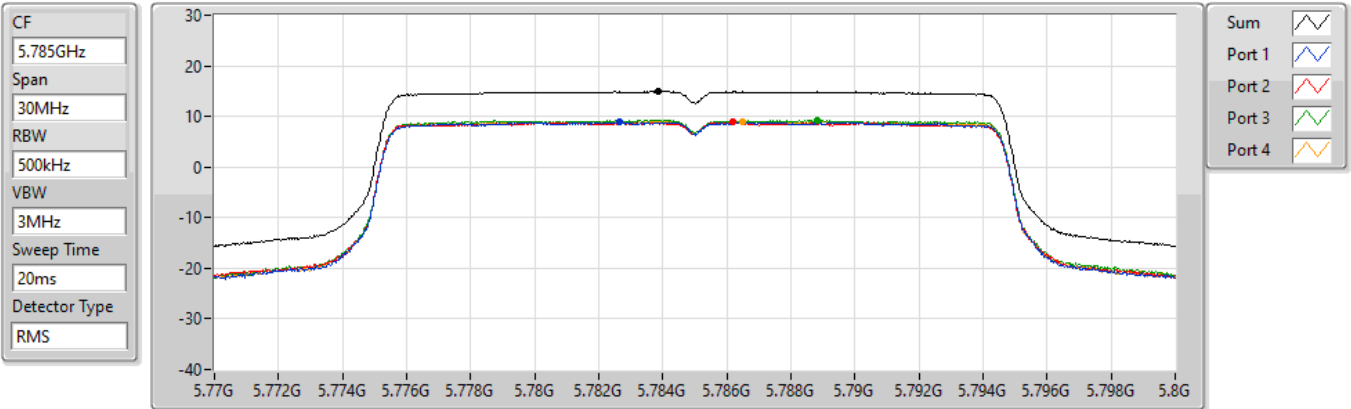
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.95	14.95	8.76	9.06	9.37	8.95

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

10/05/2022



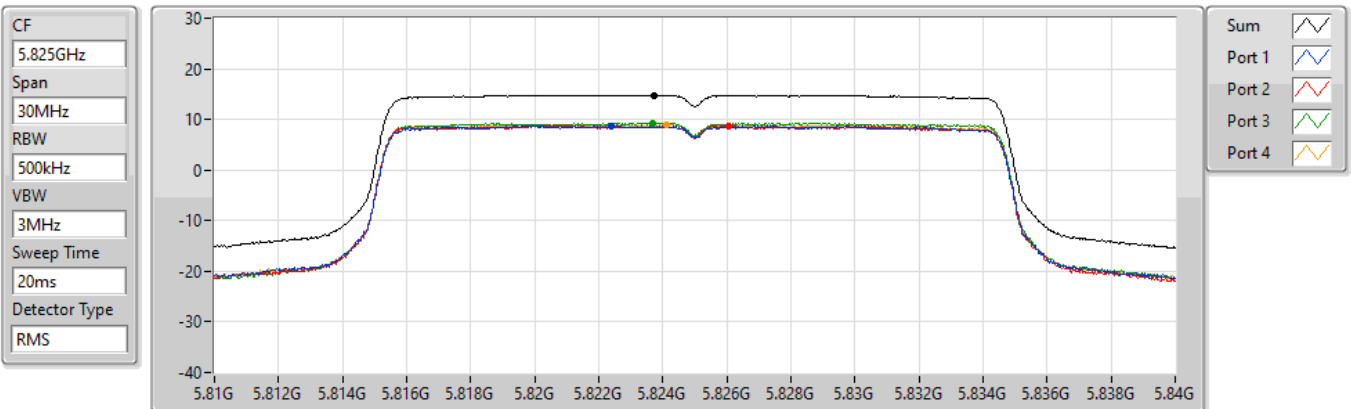
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.93	14.93	8.88	8.82	9.29	9.06

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

10/05/2022



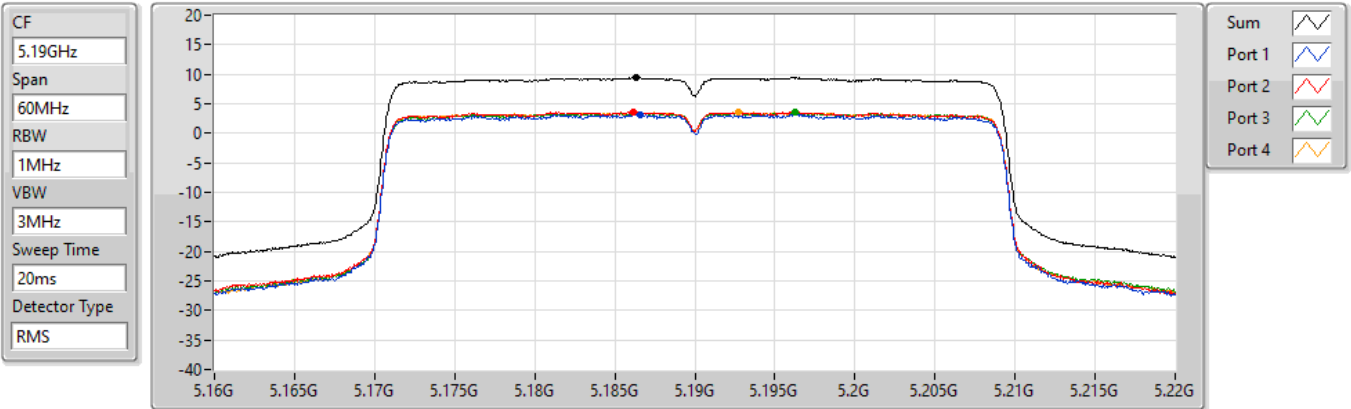
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.82	14.82	8.79	8.79	9.32	8.93

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

10/05/2022



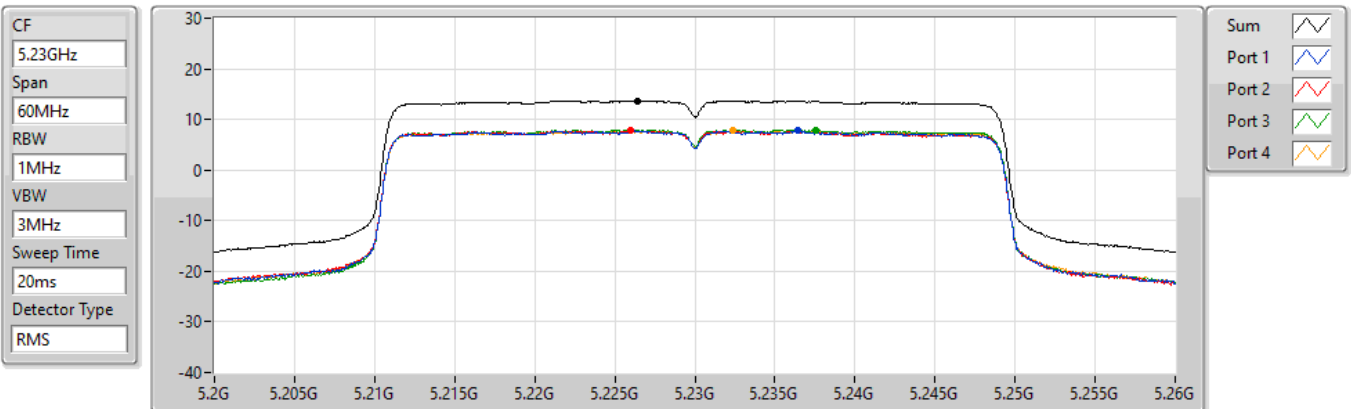
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	3.19	3.68	3.55	3.56

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

10/05/2022



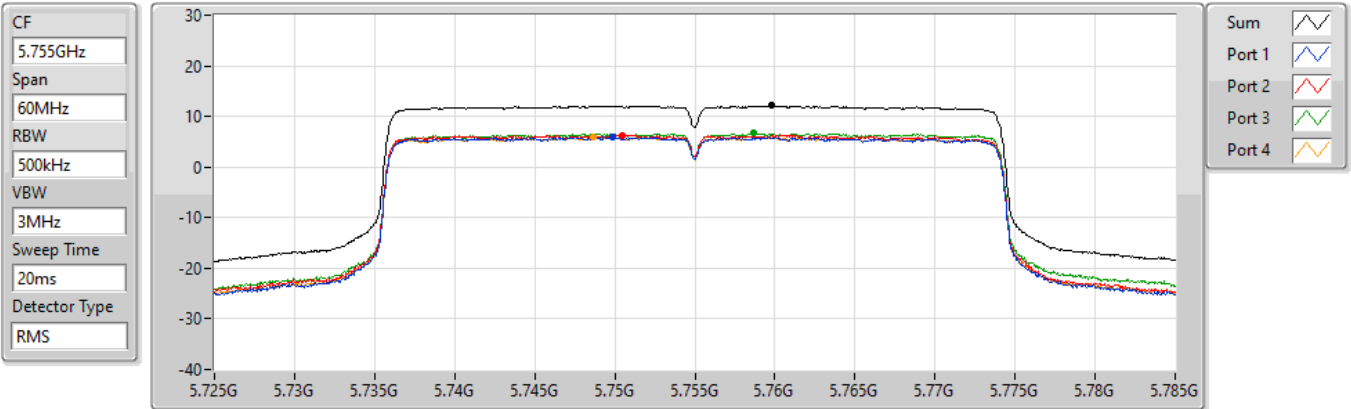
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.71	13.71	7.74	7.75	7.94	7.72

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

10/05/2022



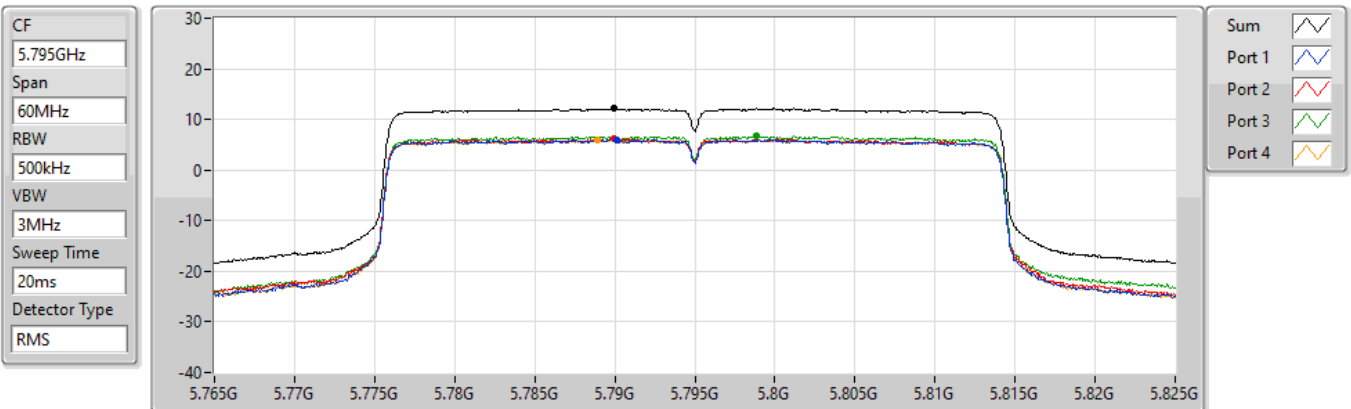
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.09	12.09	5.92	6.29	6.67	5.94

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

10/05/2022



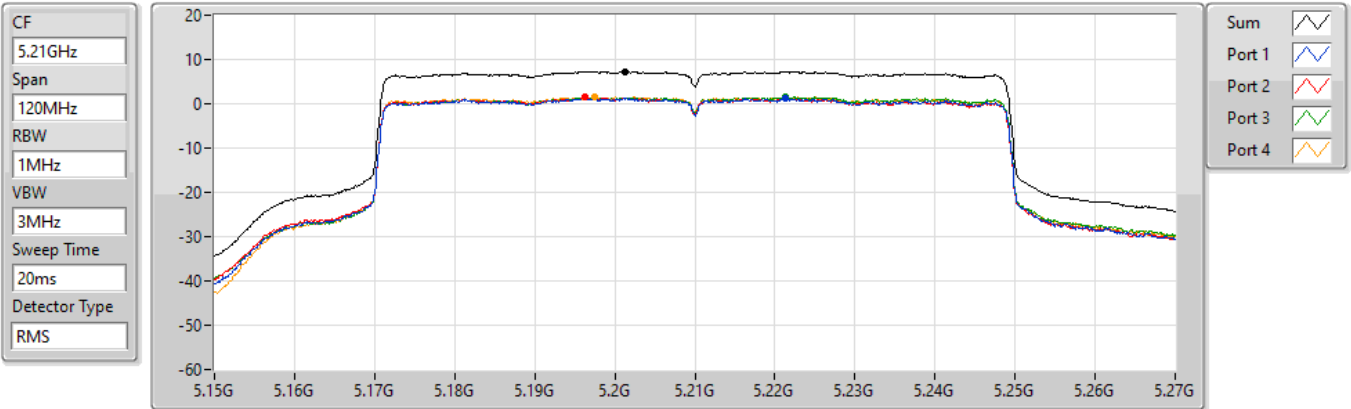
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.17	12.17	6.03	6.17	6.72	5.99

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

10/05/2022



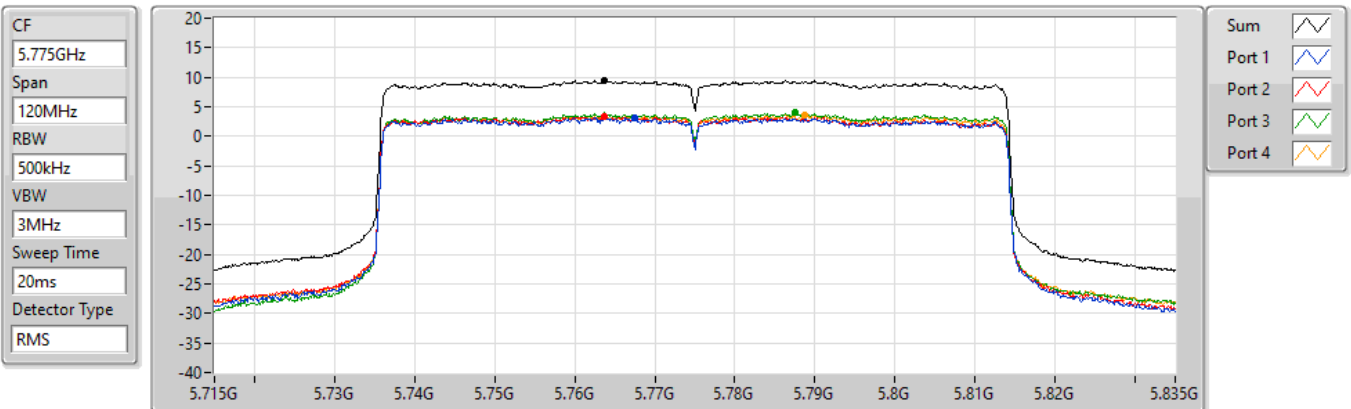
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.34	7.34	1.40	1.42	1.54	1.53

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

10/05/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.41	9.41	3.14	3.31	3.96	3.61

For beamforming mode

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.61
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.25
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.21
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.07
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.25

RBW = 500kHz 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	4.45	10.98	10.84	10.61	11.09	16.82	17.00
5200MHz	Pass	4.45	10.83	10.64	10.54	10.94	16.66	17.00
5240MHz	Pass	4.45	10.95	10.76	10.69	10.77	16.73	17.00
5745MHz	Pass	4.43	8.99	9.37	9.65	9.27	15.21	30.00
5785MHz	Pass	4.43	9.18	9.11	9.63	9.33	15.20	30.00
5825MHz	Pass	4.43	9.05	9.10	9.65	9.19	15.13	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.45	5.98	6.03	6.04	6.05	11.91	17.00
5230MHz	Pass	4.45	7.64	7.71	7.88	7.65	13.61	17.00
5755MHz	Pass	4.43	5.81	6.34	6.58	5.79	12.07	30.00
5795MHz	Pass	4.43	5.96	6.03	6.52	5.87	12.03	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.45	1.25	1.18	1.40	1.37	7.25	17.00
5775MHz	Pass	4.43	3.08	3.15	3.75	3.42	9.25	30.00

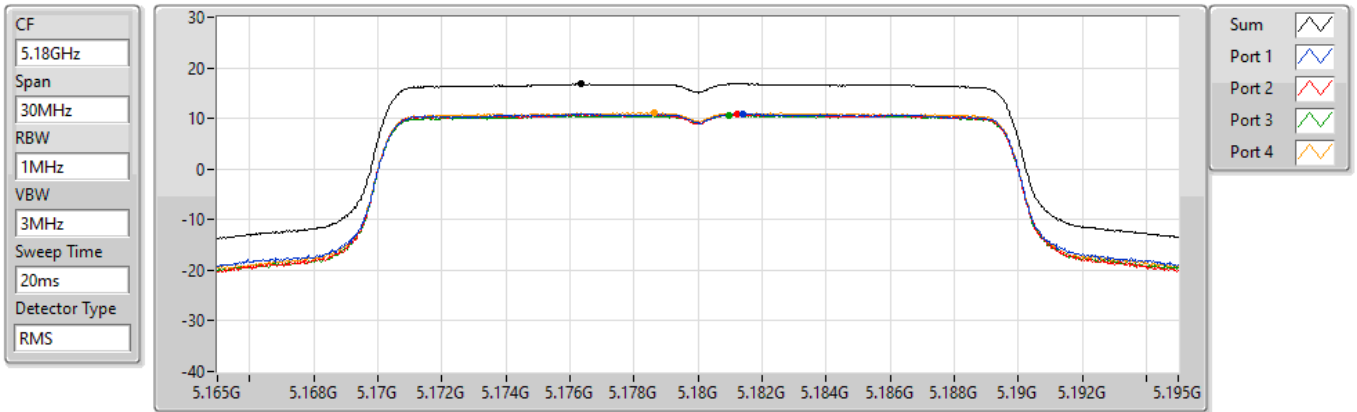
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

10/05/2022

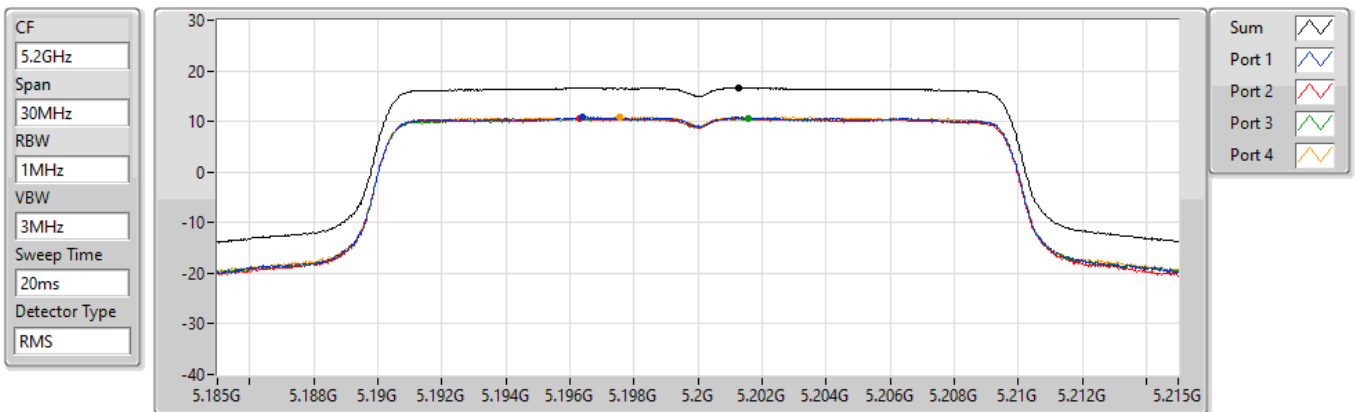


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

10/05/2022

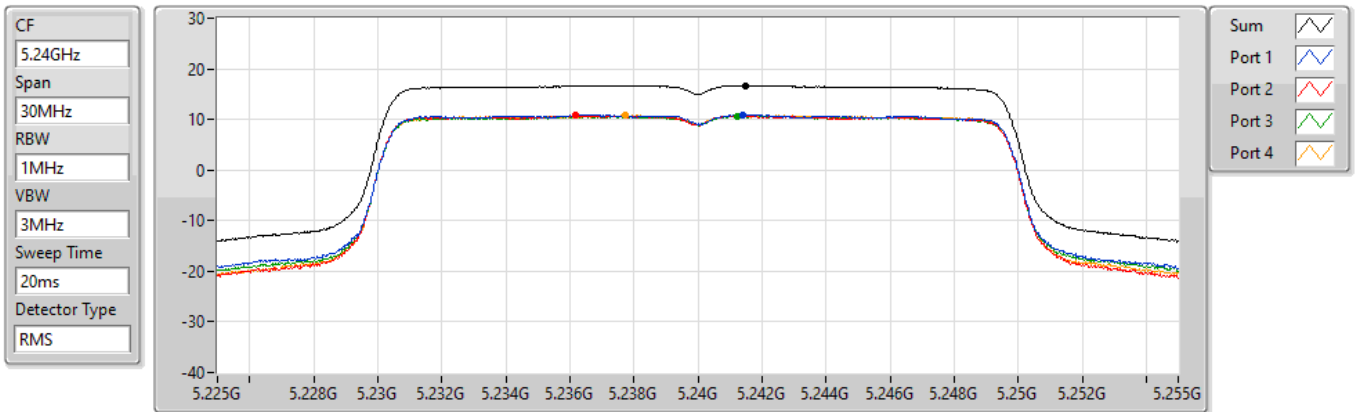


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

10/05/2022



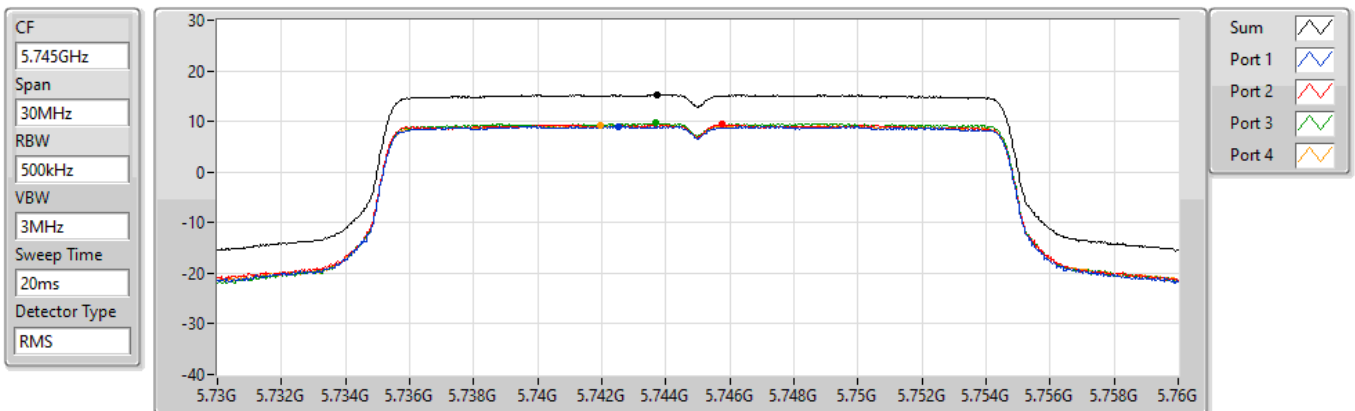
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.73	16.73	10.95	10.76	10.69	10.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

10/05/2022



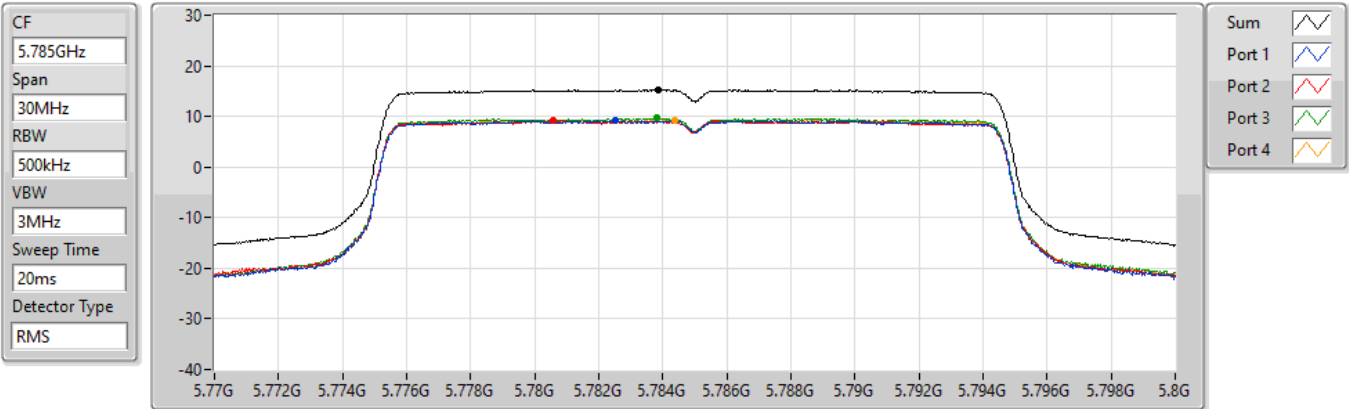
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.21	15.21	8.99	9.37	9.65	9.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

10/05/2022



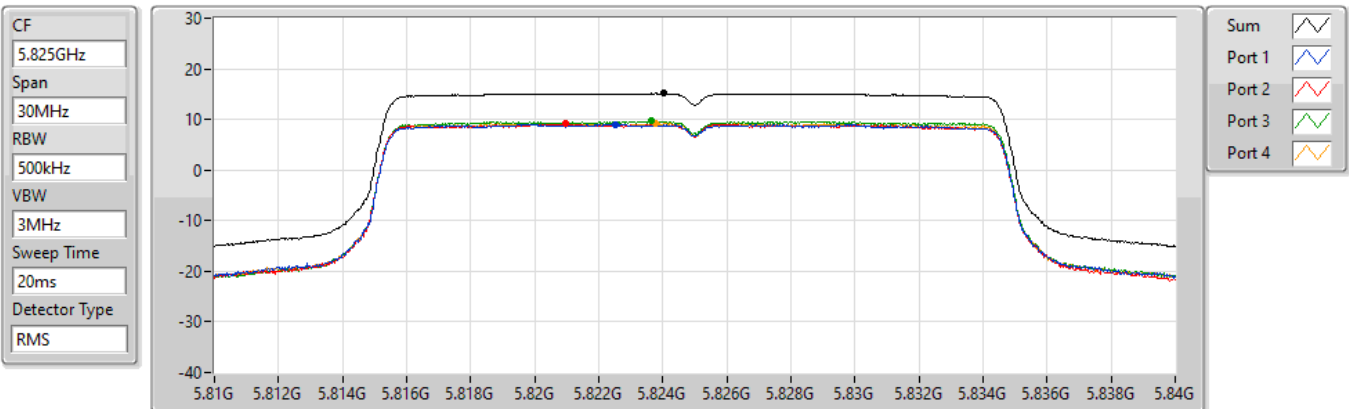
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.20	15.20	9.18	9.11	9.63	9.33

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

10/05/2022



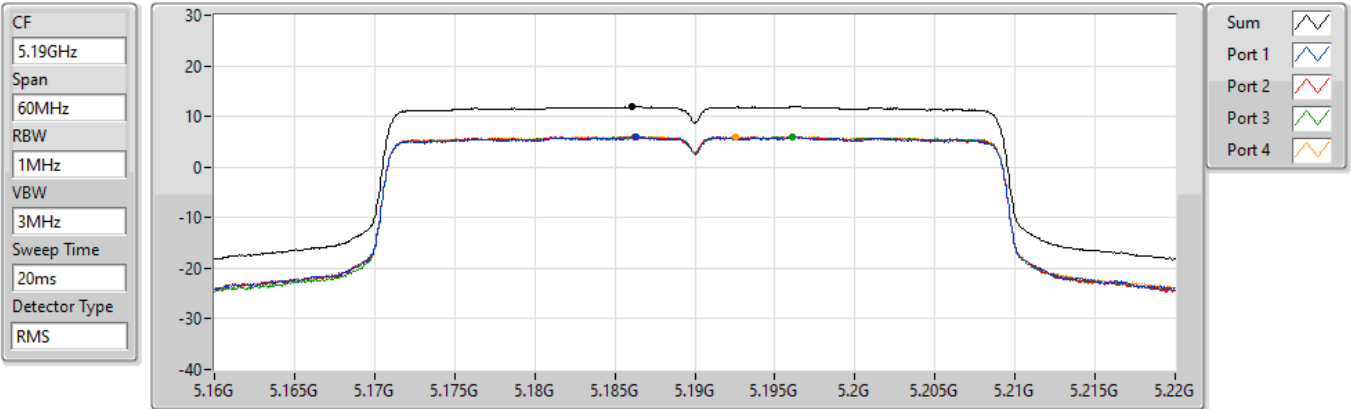
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.13	15.13	9.05	9.10	9.65	9.19

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

10/05/2022



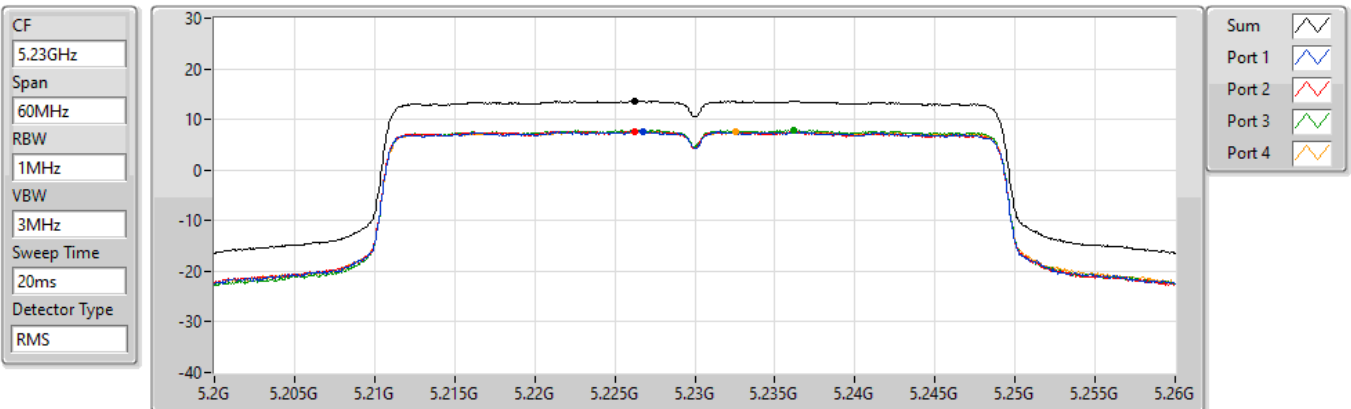
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.91	11.91	5.98	6.03	6.04	6.05

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

10/05/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.61	13.61	7.64	7.71	7.88	7.65

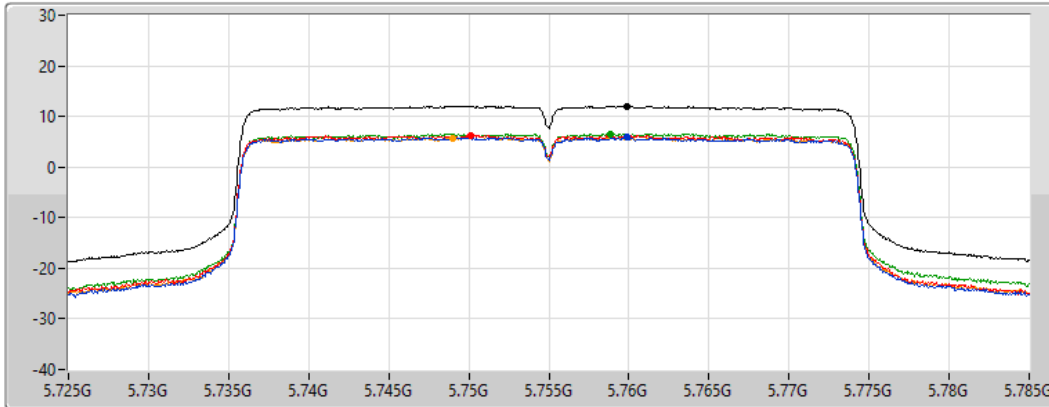
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

10/05/2022

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.07	12.07	5.81	6.34	6.58	5.79

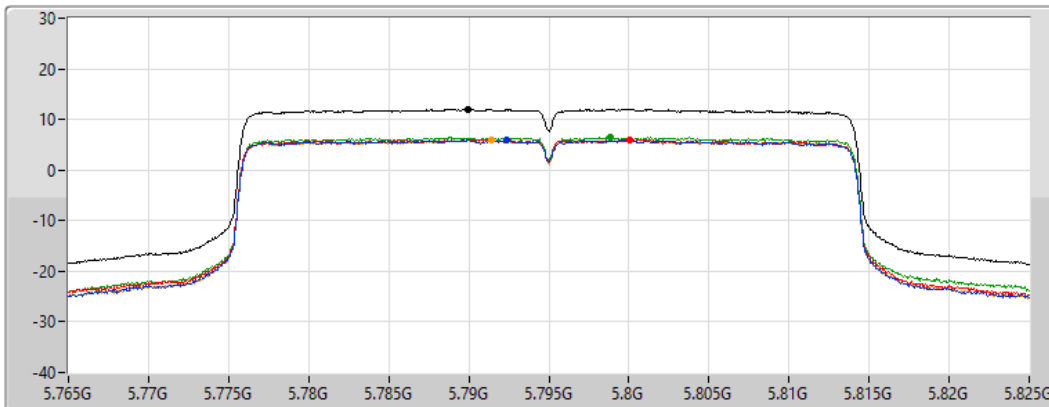
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

10/05/2022

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.03	12.03	5.96	6.03	6.52	5.87

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

10/05/2022

CF
5.21GHz

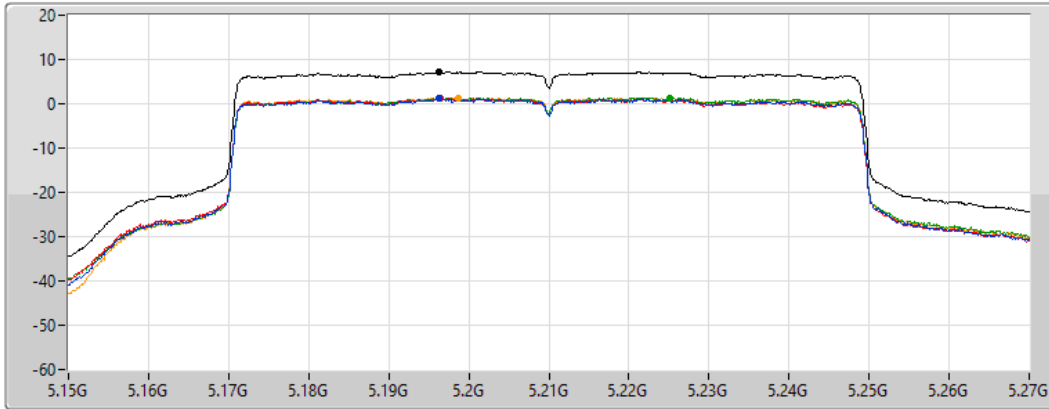
Span
120MHz


RBW
1MHz


VBW
3MHz


Sweep Time
20ms


Detector Type
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	1.25	1.18	1.40	1.37

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

10/05/2022

CF
5.775GHz

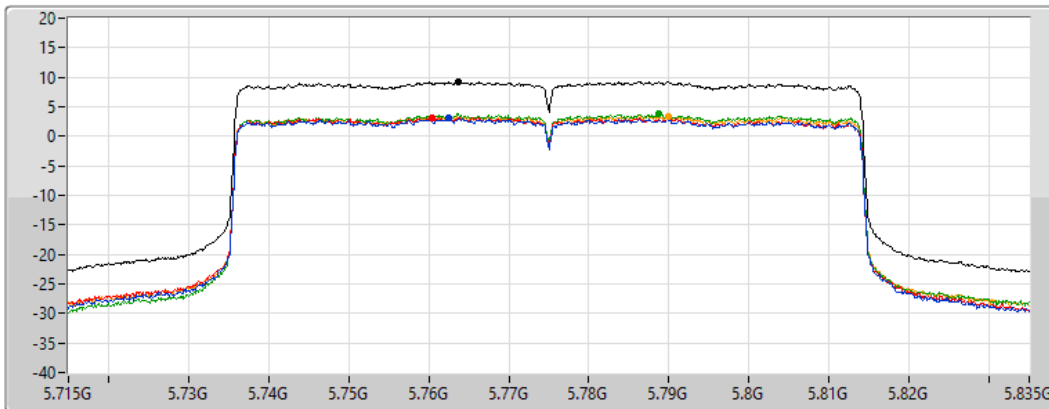
Span
120MHz


RBW
500kHz


VBW
3MHz


Sweep Time
20ms


Detector Type
RMS




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

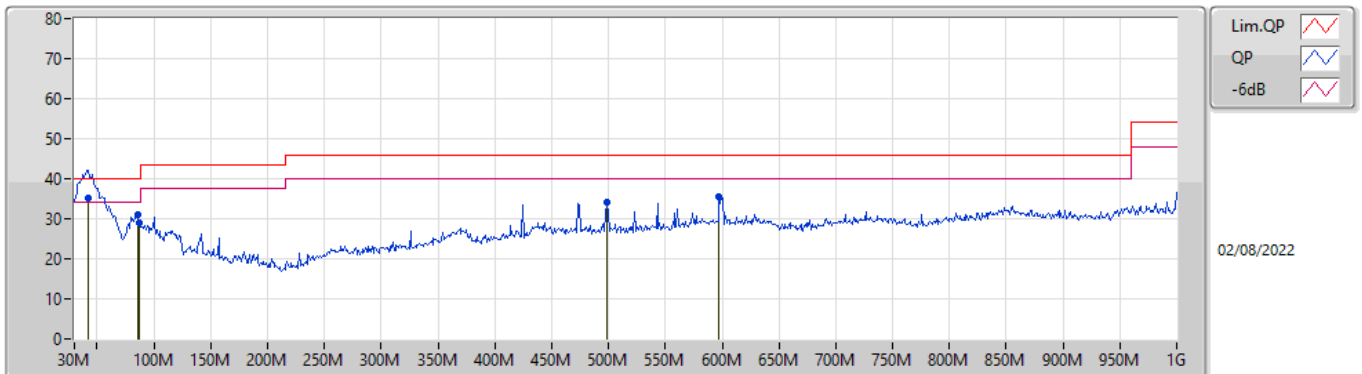
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	3.08	3.15	3.75	3.42



Summary

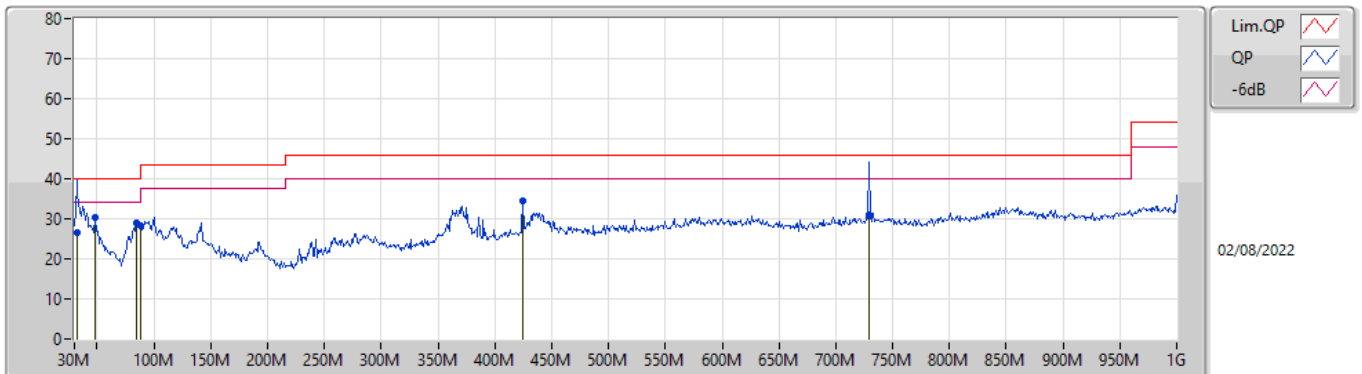
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	42.61M	35.21	40.00	-4.79	Vertical

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	42.61M	35.21	40.00	-4.79	-13.89	3	Vertical	33	1.00	"Worst"	49.10	16.70	1.60	32.19
PK	85.29M	31.17	40.00	-8.83	-16.54	3	Vertical	284	1.25	-	47.71	13.74	1.80	32.08
PK	87.23M	29.05	40.00	-10.95	-16.23	3	Vertical	0	1.50	-	45.28	14.05	1.80	32.08
PK	498.51M	34.27	46.00	-11.73	-6.14	3	Vertical	262	1.25	-	40.41	23.53	3.00	32.67
PK	597.45M	35.60	46.00	-10.40	-4.81	3	Vertical	280	1.25	-	40.41	24.95	3.10	32.86

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	31.94M	26.61	40.00	-13.39	-8.04	3	Horizontal	23	1.00	"Worst"	34.65	22.59	1.54	32.17
PK	48.43M	30.27	40.00	-9.73	-16.38	3	Horizontal	319	1.00	-	46.65	14.22	1.60	32.20
PK	84.32M	29.01	40.00	-10.99	-16.79	3	Horizontal	243	2.00	-	45.80	13.50	1.80	32.09
PK	88M	28.34	43.50	-15.16	-16.06	3	Horizontal	285	2.00	-	44.40	14.21	1.80	32.07
PK	424.79M	34.55	46.00	-11.45	-7.13	3	Horizontal	60	1.00	-	41.68	22.46	2.90	32.49
QP	729.37M	31.10	46.00	-14.90	-4.00	3	Horizontal	156	1.50	-	35.10	25.89	3.46	33.35



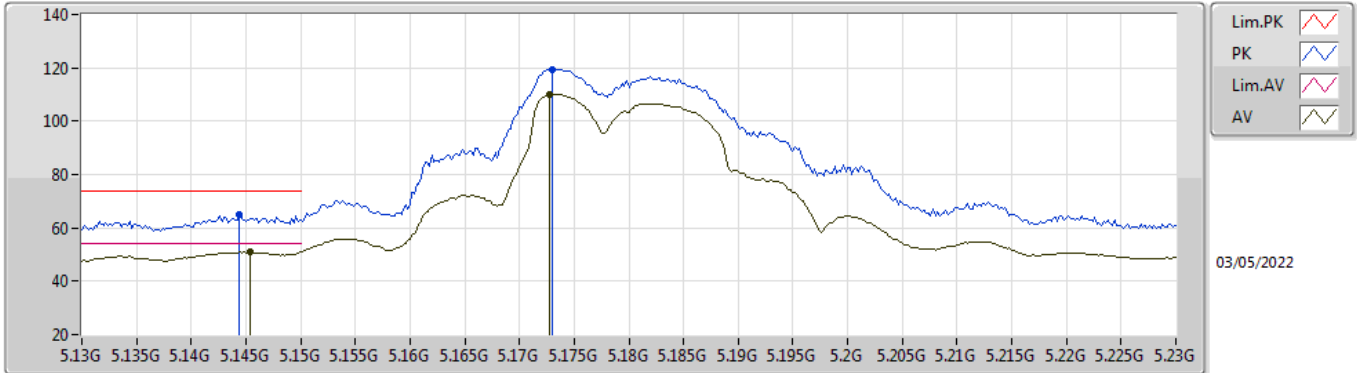
For non-beamforming mode

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 HEW20_Nss1,(MCS0)_4TX	Pass	PK	17.23962G	68.12	68.20	-0.08	3	Horizontal	284	1.00	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

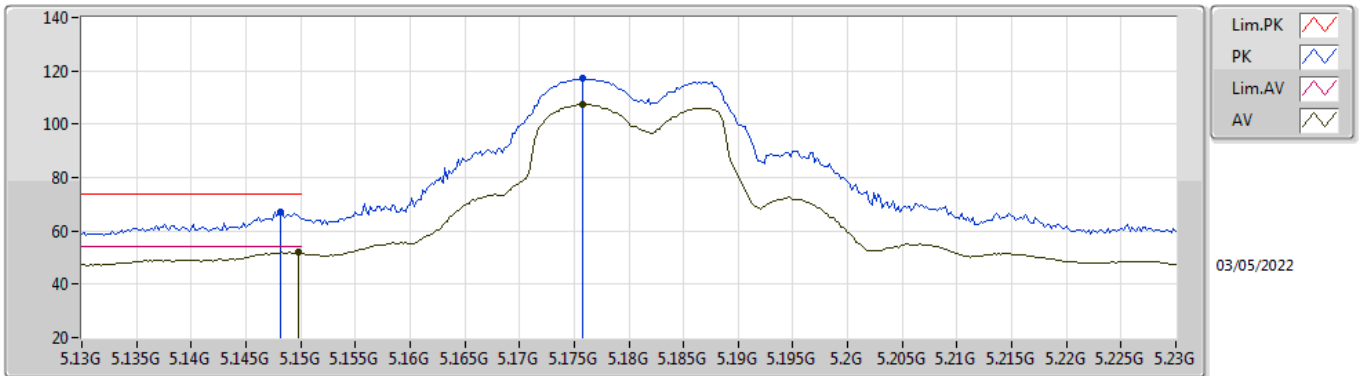


EUT_X_4TX
Setting 93
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1444G	64.80	74.00	-9.20	58.12	3	Vertical	33	2.29	-	33.59	5.24	32.15
AV	5.1454G	50.88	54.00	-3.12	44.19	3	Vertical	33	2.29	-	33.59	5.25	32.15
PK	5.173G	119.52	Inf	-Inf	112.75	3	Vertical	33	2.29	-	33.65	5.27	32.15
AV	5.1728G	109.96	Inf	-Inf	103.19	3	Vertical	33	2.29	-	33.65	5.27	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

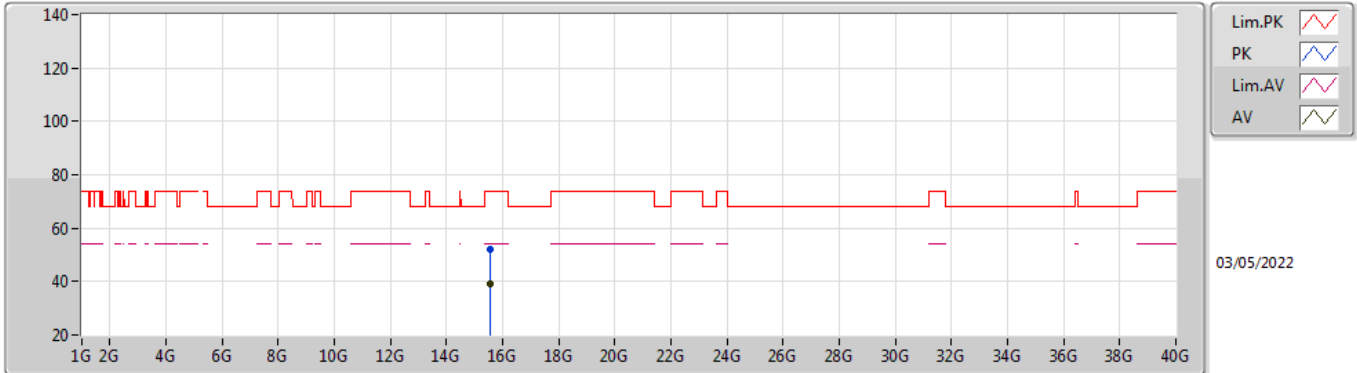


EUT_X_4TX
Setting 93
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1482G	66.87	74.00	-7.13	60.17	3	Horizontal	280	1.80	-	33.60	5.25	32.15
AV	5.1498G	52.07	54.00	-1.93	45.37	3	Horizontal	280	1.80	-	33.60	5.25	32.15
PK	5.1758G	117.28	Inf	-Inf	110.50	3	Horizontal	280	1.80	-	33.65	5.28	32.15
AV	5.1758G	107.51	Inf	-Inf	100.73	3	Horizontal	280	1.80	-	33.65	5.28	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

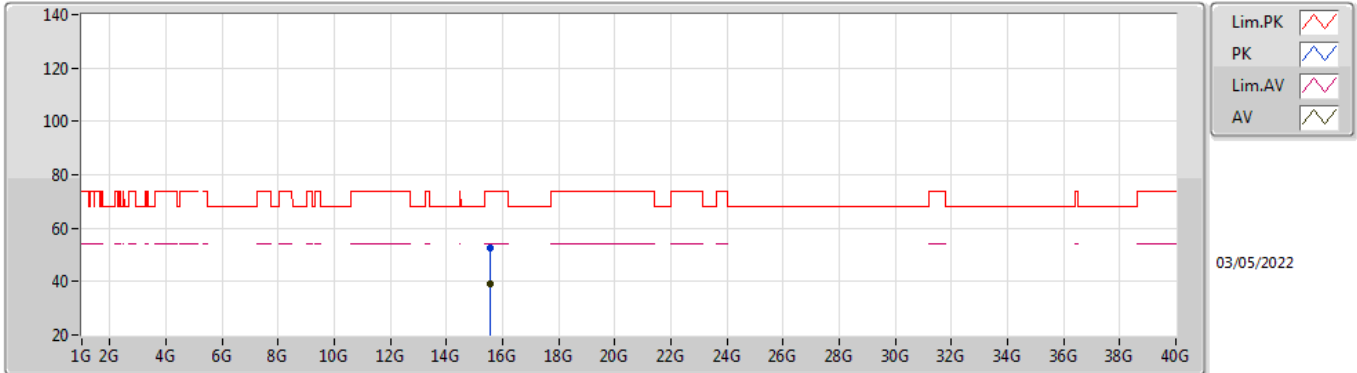


EUT X_4TX
Setting 93
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53926G	52.15	74.00	-21.85	37.70	3	Vertical	136	1.37	-	37.86	9.79	33.20
AV	15.53546G	39.05	54.00	-14.95	24.56	3	Vertical	136	1.37	-	37.89	9.79	33.19

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

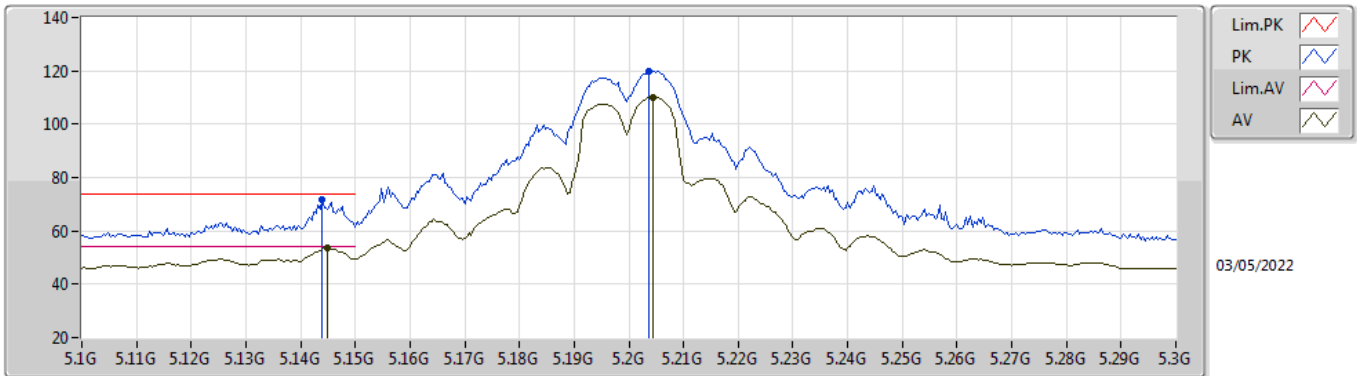


EUT X_4TX
Setting 93
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54018G	52.61	74.00	-21.39	38.16	3	Horizontal	40	1.89	-	37.86	9.79	33.20
AV	15.53802G	39.10	54.00	-14.90	24.63	3	Horizontal	40	1.89	-	37.87	9.79	33.19

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

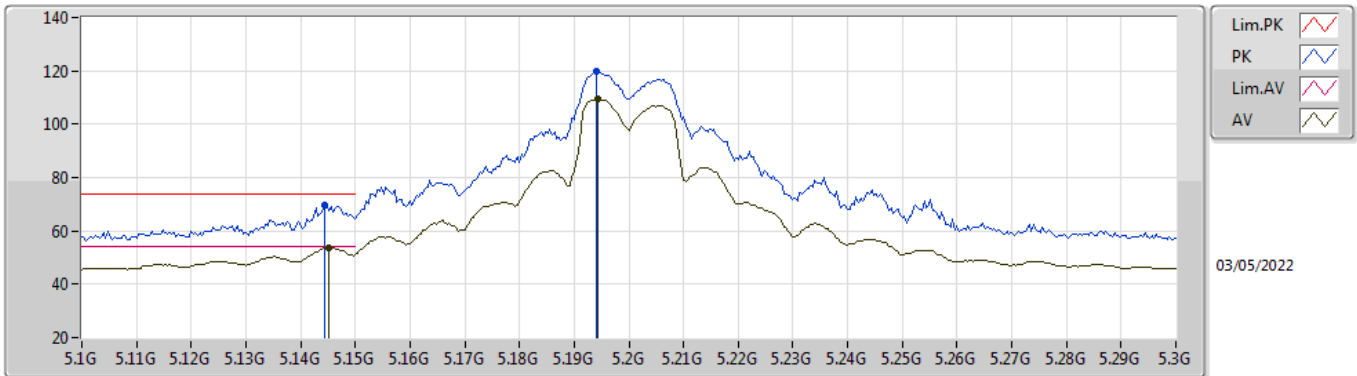


EUT_X_4TX
Setting 103
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.144G	71.58	74.00	-2.42	64.90	3	Vertical	318	1.91	-	33.59	5.24	32.15
AV	5.1448G	53.39	54.00	-0.61	46.71	3	Vertical	318	1.91	-	33.59	5.24	32.15
PK	5.2036G	119.89	Inf	-Inf	113.04	3	Vertical	318	1.91	-	33.70	5.30	32.15
AV	5.2044G	110.12	Inf	-Inf	103.27	3	Vertical	318	1.91	-	33.70	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

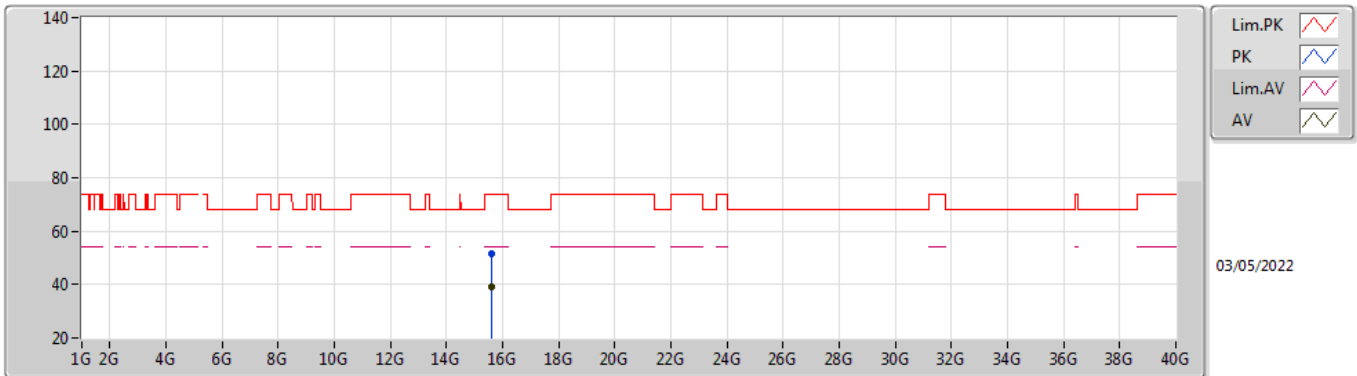


EUT_X_4TX
Setting 103
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1444G	69.75	74.00	-4.25	63.07	3	Horizontal	266	2.00	-	33.59	5.24	32.15
AV	5.1452G	53.79	54.00	-0.21	47.10	3	Horizontal	266	2.00	-	33.59	5.25	32.15
PK	5.194G	119.59	Inf	-Inf	112.76	3	Horizontal	266	2.00	-	33.69	5.29	32.15
AV	5.1944G	109.52	Inf	-Inf	102.69	3	Horizontal	266	2.00	-	33.69	5.29	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

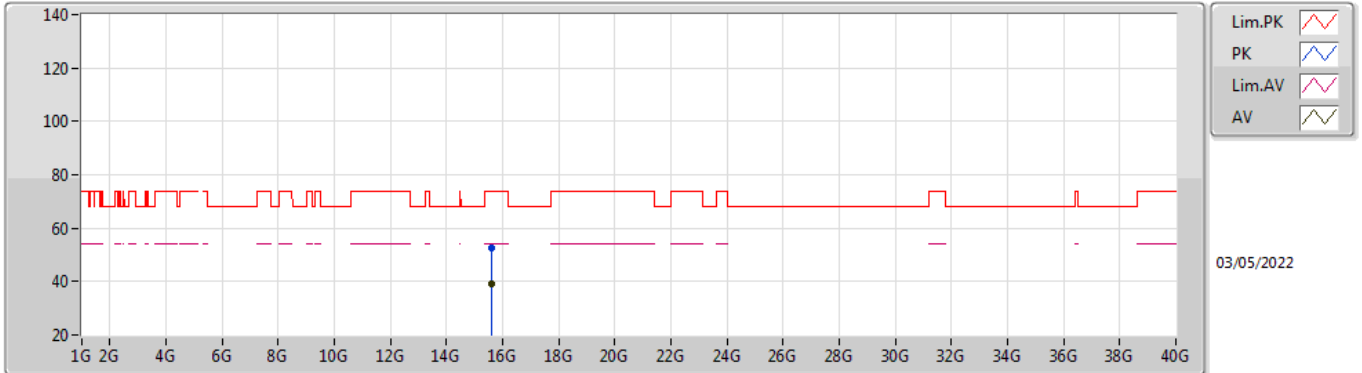


EUT X_4TX
Setting 103
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59938G	51.72	74.00	-22.28	37.67	3	Vertical	152	2.73	-	37.50	9.82	33.27
AV	15.59578G	38.92	54.00	-15.08	24.83	3	Vertical	152	2.73	-	37.53	9.82	33.26

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

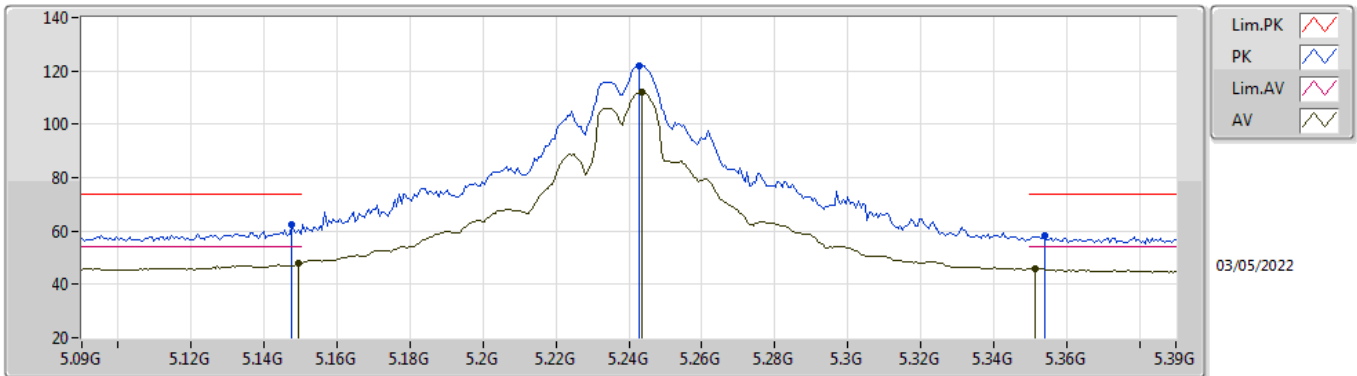


EUT X_4TX
Setting 103
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59812G	52.40	74.00	-21.60	38.34	3	Horizontal	88	1.65	-	37.51	9.82	33.27
AV	15.59864G	38.97	54.00	-15.03	24.91	3	Horizontal	88	1.65	-	37.51	9.82	33.27

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

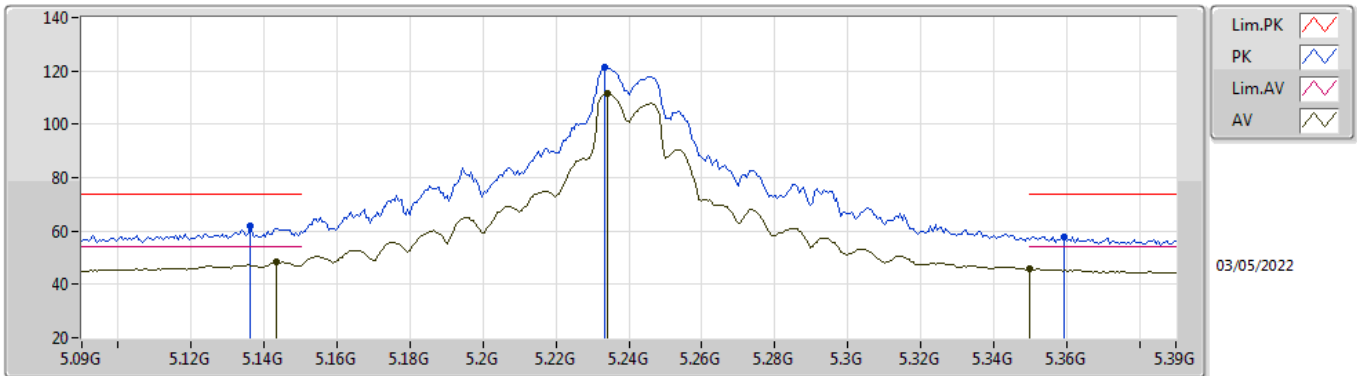


EUT_X_4TX
Setting 108
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	62.20	74.00	-11.80	55.50	3	Vertical	312	1.89	-	33.60	5.25	32.15
AV	5.1494G	47.82	54.00	-6.18	41.12	3	Vertical	312	1.89	-	33.60	5.25	32.15
PK	5.243G	121.85	Inf	-Inf	114.98	3	Vertical	312	1.89	-	33.70	5.32	32.15
AV	5.2436G	112.04	Inf	-Inf	105.17	3	Vertical	312	1.89	-	33.70	5.32	32.15
PK	5.354G	58.26	74.00	-15.74	51.11	3	Vertical	312	1.89	-	33.91	5.38	32.14
AV	5.3516G	46.11	54.00	-7.89	38.97	3	Vertical	312	1.89	-	33.90	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

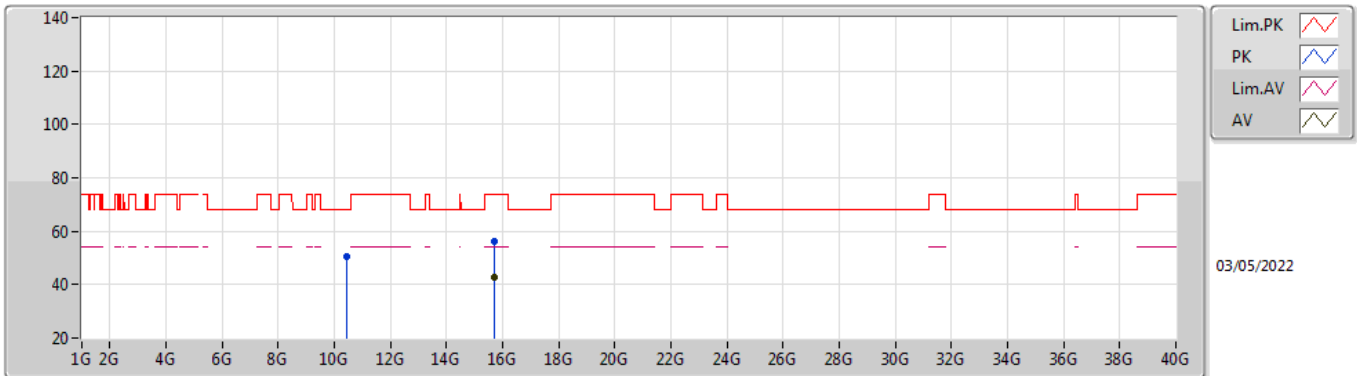


EUT_X_4TX
Setting 108
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1362G	61.68	74.00	-12.32	55.02	3	Horizontal	281	1.96	-	33.57	5.24	32.15
AV	5.1434G	48.22	54.00	-5.78	41.54	3	Horizontal	281	1.96	-	33.59	5.24	32.15
PK	5.2334G	121.18	Inf	-Inf	114.31	3	Horizontal	281	1.96	-	33.70	5.32	32.15
AV	5.234G	111.37	Inf	-Inf	104.50	3	Horizontal	281	1.96	-	33.70	5.32	32.15
PK	5.3594G	58.00	74.00	-16.00	50.84	3	Horizontal	281	1.96	-	33.92	5.38	32.14
AV	5.35G	45.95	54.00	-8.05	38.81	3	Horizontal	281	1.96	-	33.90	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

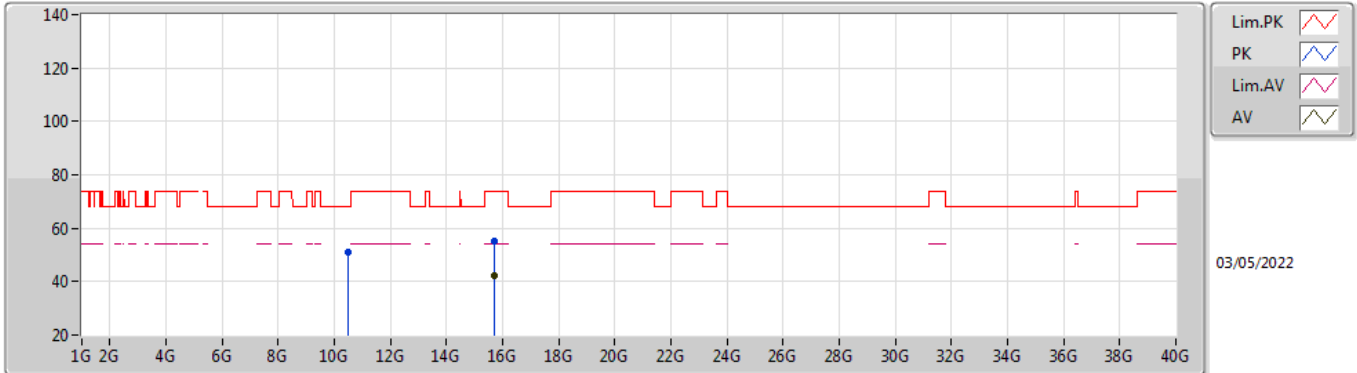


EUT X_4TX
Setting 108
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.46672G	50.56	68.20	-17.64	37.50	3	Vertical	257	1.01	-	38.60	7.49	33.03
PK	15.72088G	55.99	74.00	-18.01	42.03	3	Vertical	284	1.77	-	37.50	9.87	33.41
AV	15.71992G	42.67	54.00	-11.33	28.71	3	Vertical	284	1.77	-	37.50	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

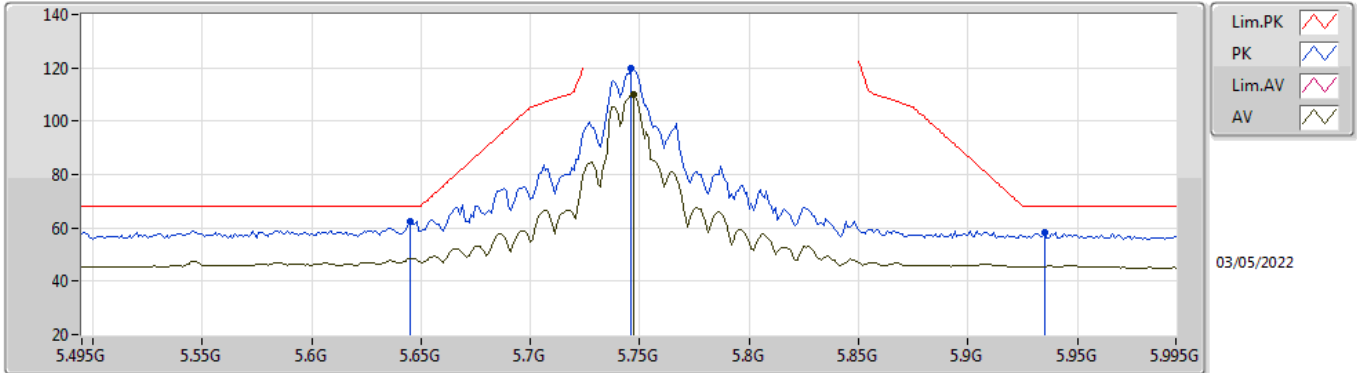


EUT X_4TX
Setting 108
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48872G	50.86	68.20	-17.34	37.80	3	Horizontal	222	1.50	-	38.60	7.50	33.04
PK	15.71984G	55.27	74.00	-18.73	41.31	3	Horizontal	227	1.80	-	37.50	9.87	33.41
AV	15.72008G	42.32	54.00	-11.68	28.36	3	Horizontal	227	1.80	-	37.50	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

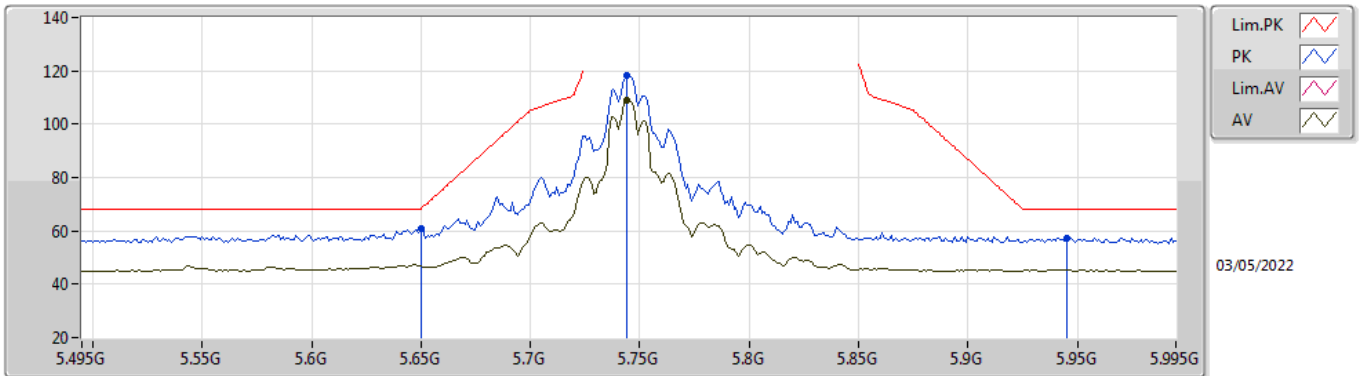


EUT Y_4TX
Setting 106
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.645G	62.63	68.20	-5.57	55.36	3	Vertical	43	1.26	-	33.81	5.60	32.14
PK	5.746G	119.95	Inf	-Inf	112.68	3	Vertical	43	1.26	-	33.81	5.60	32.14
AV	5.747G	110.19	Inf	-Inf	102.92	3	Vertical	43	1.26	-	33.81	5.60	32.14
PK	5.935G	58.16	68.20	-10.04	50.41	3	Vertical	43	1.26	-	34.17	5.74	32.16

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

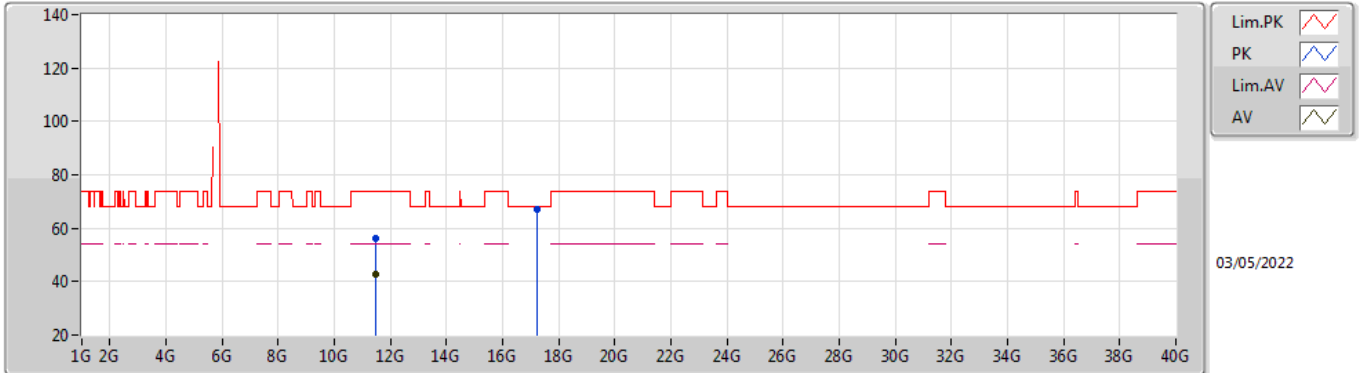


EUT Y_4TX
Setting 106
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	60.61	68.20	-7.59	53.35	3	Horizontal	70	1.80	-	33.80	5.60	32.14
PK	5.744G	118.25	Inf	-Inf	110.98	3	Horizontal	70	1.80	-	33.81	5.60	32.14
AV	5.744G	108.72	Inf	-Inf	101.45	3	Horizontal	70	1.80	-	33.81	5.60	32.14
PK	5.945G	57.46	68.20	-10.74	49.68	3	Horizontal	70	1.80	-	34.19	5.75	32.16

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

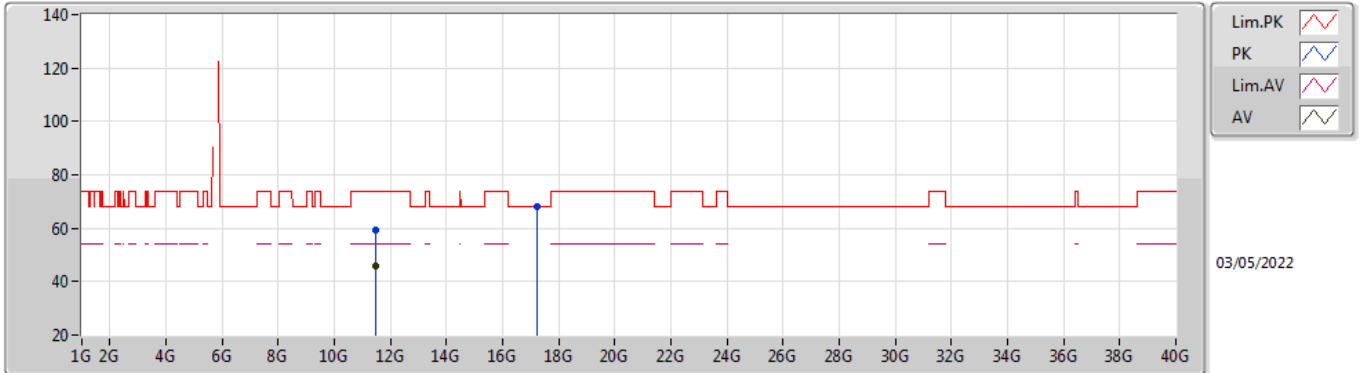


EUT X_4TX
Setting 106
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49488G	56.13	74.00	-17.87	42.46	3	Vertical	62	1.05	-	38.99	7.90	33.22
AV	11.49584G	42.87	54.00	-11.13	29.20	3	Vertical	62	1.05	-	38.99	7.90	33.22
PK	17.2362G	66.86	68.20	-1.34	47.33	3	Vertical	270	1.80	-	42.18	10.62	33.27

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

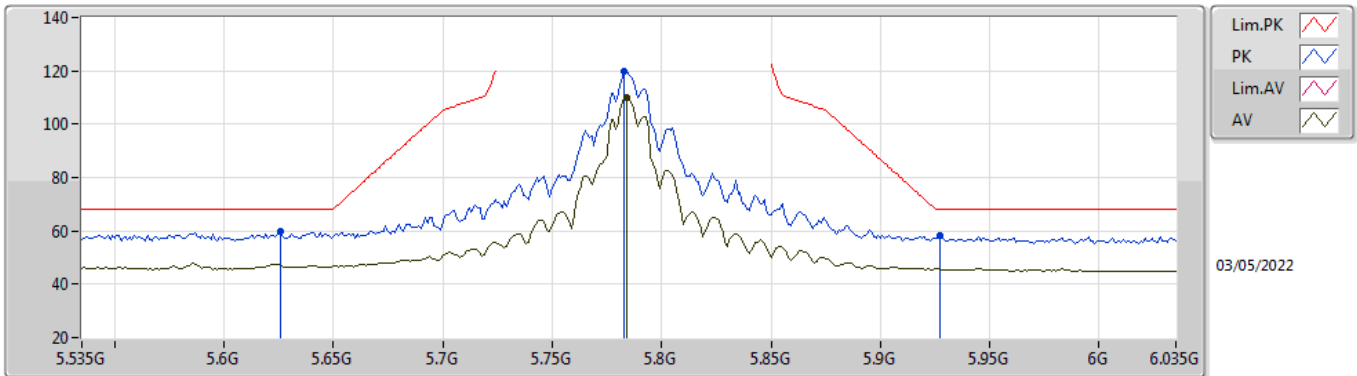


EUT X_4TX
Setting 106
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49688G	59.47	74.00	-14.53	45.80	3	Horizontal	236	1.95	-	38.99	7.90	33.22
AV	11.48624G	45.89	54.00	-8.11	32.25	3	Horizontal	236	1.95	-	38.97	7.89	33.22
PK	17.2422G	68.02	68.20	-0.18	48.45	3	Horizontal	283	1.00	-	42.21	10.62	33.26

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

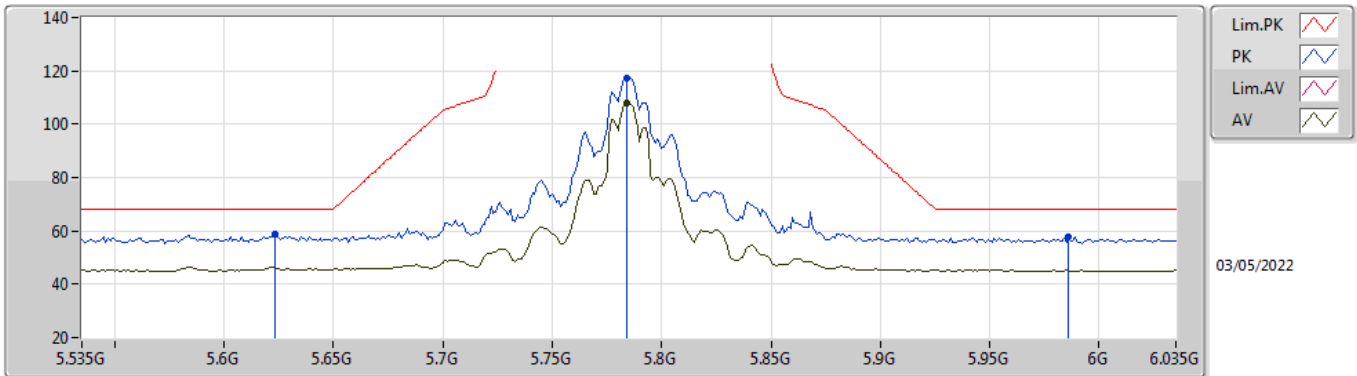


EUT Y_4TX
Setting 108
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.626G	59.60	68.20	-8.60	52.29	3	Vertical	269	1.88	-	33.85	5.60	32.14
PK	5.783G	119.64	Inf	-Inf	112.39	3	Vertical	269	1.88	-	33.80	5.60	32.15
AV	5.784G	109.76	Inf	-Inf	102.51	3	Vertical	269	1.88	-	33.80	5.60	32.15
PK	5.927G	58.18	68.20	-10.02	50.46	3	Vertical	269	1.88	-	34.15	5.73	32.16

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

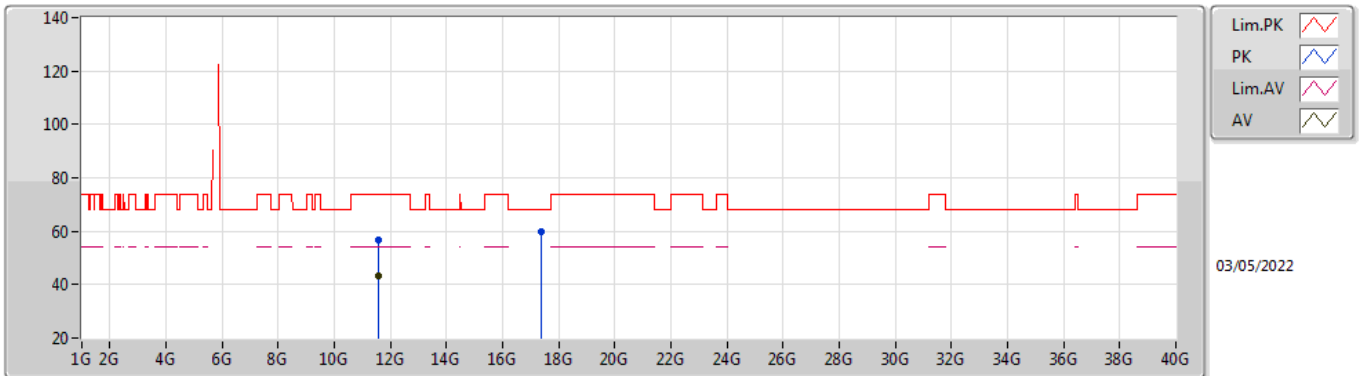


EUT Y_4TX
Setting 108
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.623G	58.75	68.20	-9.45	51.44	3	Horizontal	73	1.79	-	33.85	5.60	32.14
PK	5.784G	117.48	Inf	-Inf	110.23	3	Horizontal	73	1.79	-	33.80	5.60	32.15
AV	5.784G	107.80	Inf	-Inf	100.55	3	Horizontal	73	1.79	-	33.80	5.60	32.15
PK	5.986G	57.67	68.20	-10.53	49.84	3	Horizontal	73	1.79	-	34.20	5.79	32.16

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

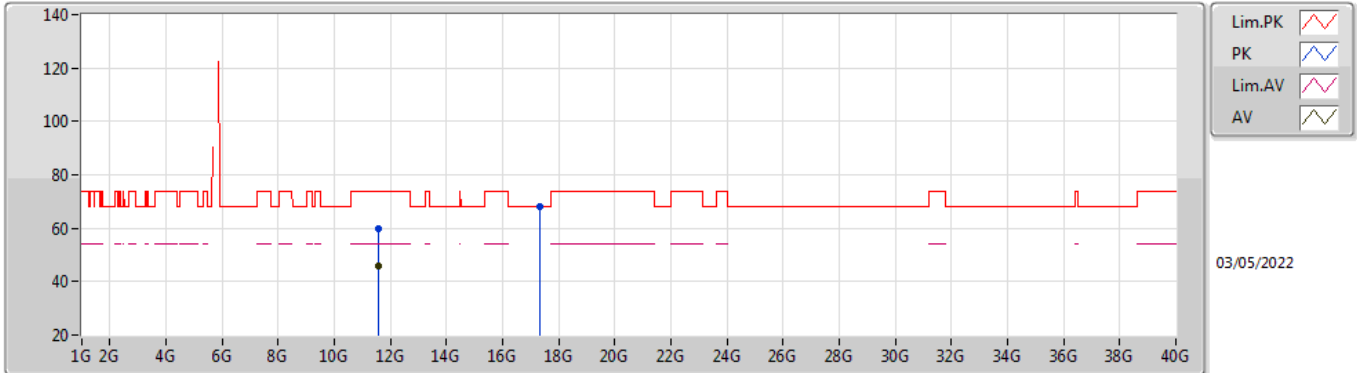


EUT X_4TX
Setting 108
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57624G	56.63	74.00	-17.37	42.71	3	Vertical	62	1.91	-	39.23	7.93	33.24
AV	11.5768G	43.14	54.00	-10.86	29.22	3	Vertical	62	1.91	-	39.23	7.93	33.24
PK	17.35316G	59.62	68.20	-8.58	39.26	3	Vertical	119	1.74	-	42.82	10.68	33.14

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

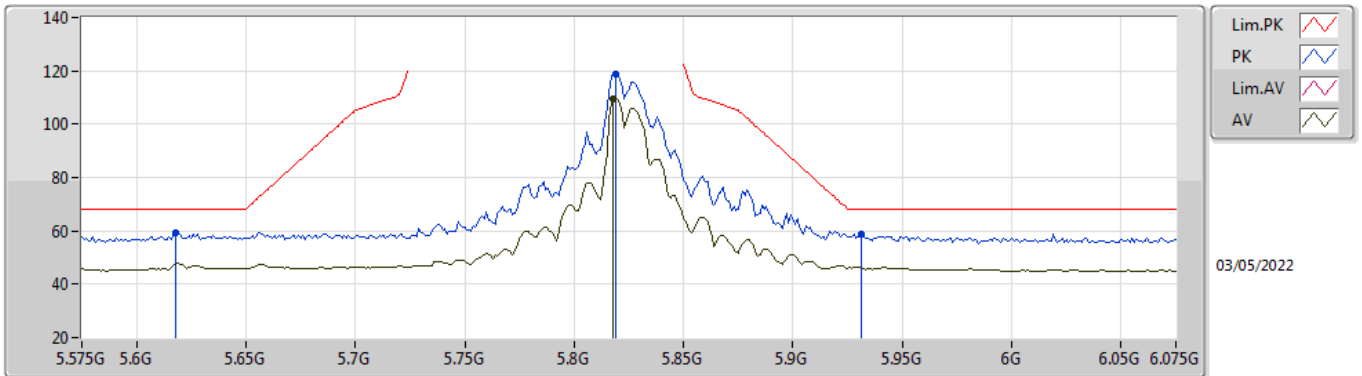


EUT X_4TX
Setting 108
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.576G	59.91	74.00	-14.09	45.99	3	Horizontal	234	1.94	-	39.23	7.93	33.24
AV	11.57712G	45.99	54.00	-8.01	32.07	3	Horizontal	234	1.94	-	39.23	7.93	33.24
PK	17.34932G	68.08	68.20	-0.12	47.75	3	Horizontal	274	1.68	-	42.80	10.67	33.14

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

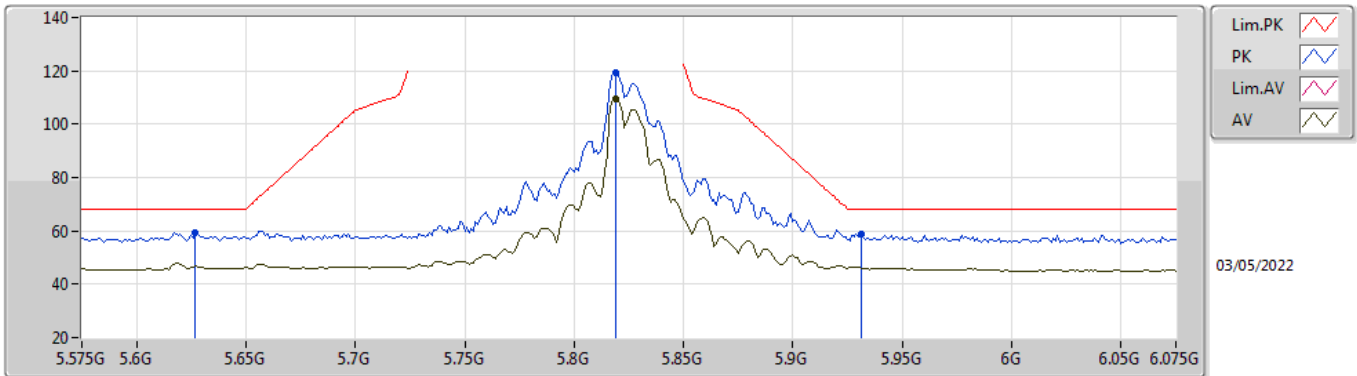


EUT Y_4TX
Setting 108
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.618G	59.09	68.20	-9.11	51.77	3	Vertical	300	2.40	-	33.86	5.60	32.14
PK	5.819G	118.92	Inf	-Inf	111.65	3	Vertical	300	2.40	-	33.80	5.62	32.15
AV	5.818G	109.29	Inf	-Inf	102.02	3	Vertical	300	2.40	-	33.80	5.62	32.15
PK	5.931G	58.68	68.20	-9.52	50.95	3	Vertical	300	2.40	-	34.16	5.73	32.16

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

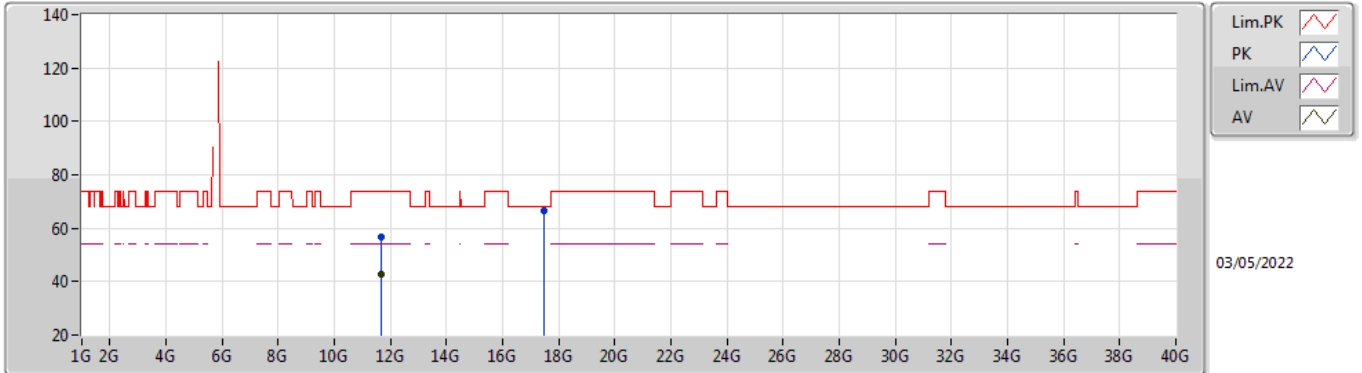


EUT Y_4TX
Setting 108
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.627G	59.48	68.20	-8.72	52.17	3	Horizontal	301	2.40	-	33.85	5.60	32.14
PK	5.819G	119.49	Inf	-Inf	112.22	3	Horizontal	301	2.40	-	33.80	5.62	32.15
AV	5.819G	109.26	Inf	-Inf	101.99	3	Horizontal	301	2.40	-	33.80	5.62	32.15
PK	5.931G	58.98	68.20	-9.22	51.25	3	Horizontal	301	2.40	-	34.16	5.73	32.16

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

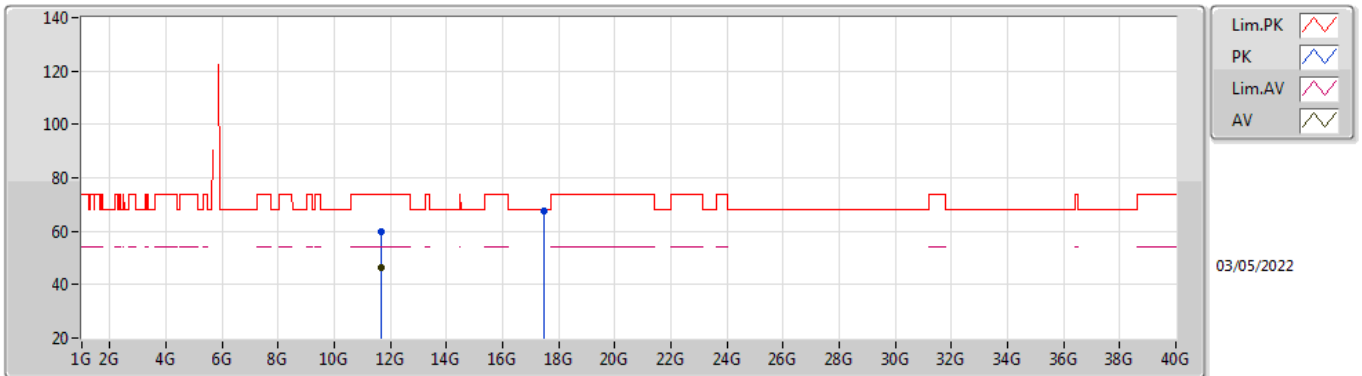


EUT X_4TX
Setting 108
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65464G	56.48	74.00	-17.52	42.37	3	Vertical	63	1.86	-	39.41	7.96	33.26
AV	11.65608G	42.89	54.00	-11.11	28.78	3	Vertical	63	1.86	-	39.41	7.96	33.26
PK	17.49164G	66.35	68.20	-1.85	44.75	3	Vertical	294	1.80	-	43.83	10.75	32.98

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

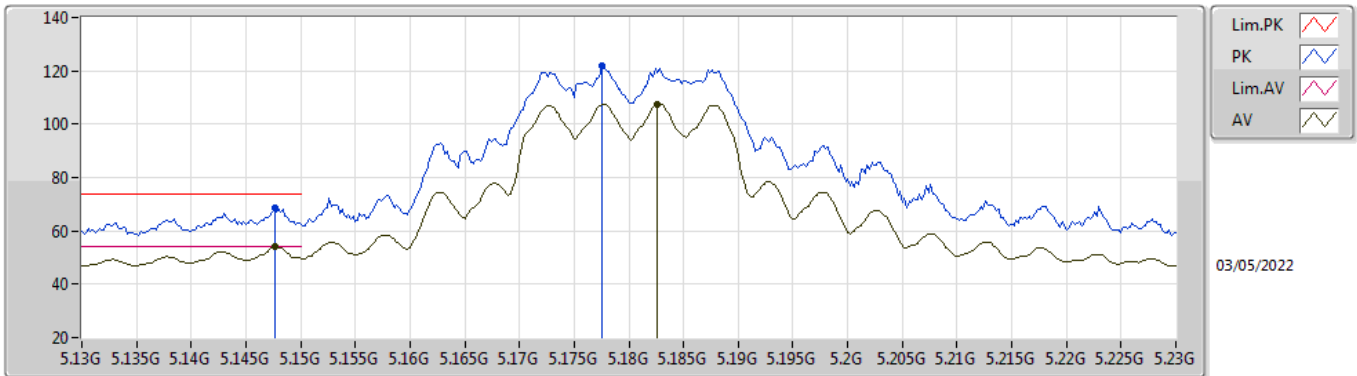


EUT X_4TX
Setting 108
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65448G	59.67	74.00	-14.33	45.56	3	Horizontal	247	1.65	-	39.41	7.96	33.26
AV	11.65736G	46.14	54.00	-7.86	32.03	3	Horizontal	247	1.65	-	39.41	7.96	33.26
PK	17.47412G	67.59	68.20	-0.61	46.16	3	Horizontal	295	1.80	-	43.69	10.74	33.00

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

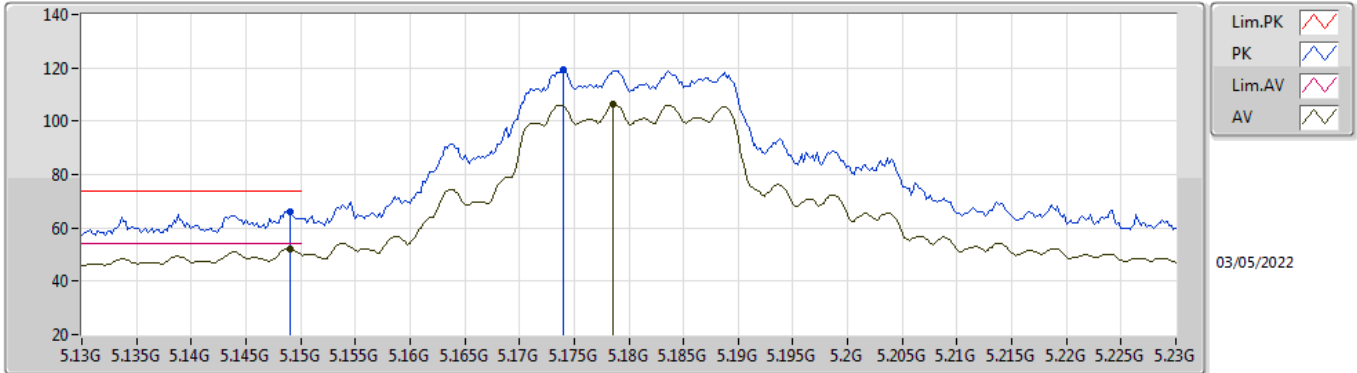


EUT_X_4TX
Setting 94
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	68.40	74.00	-5.60	61.70	3	Vertical	318	1.94	-	33.60	5.25	32.15
AV	5.1476G	53.91	54.00	-0.09	47.21	3	Vertical	318	1.94	-	33.60	5.25	32.15
PK	5.1776G	122.01	Inf	-Inf	115.22	3	Vertical	318	1.94	-	33.66	5.28	32.15
AV	5.1826G	107.38	Inf	-Inf	100.58	3	Vertical	318	1.94	-	33.67	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

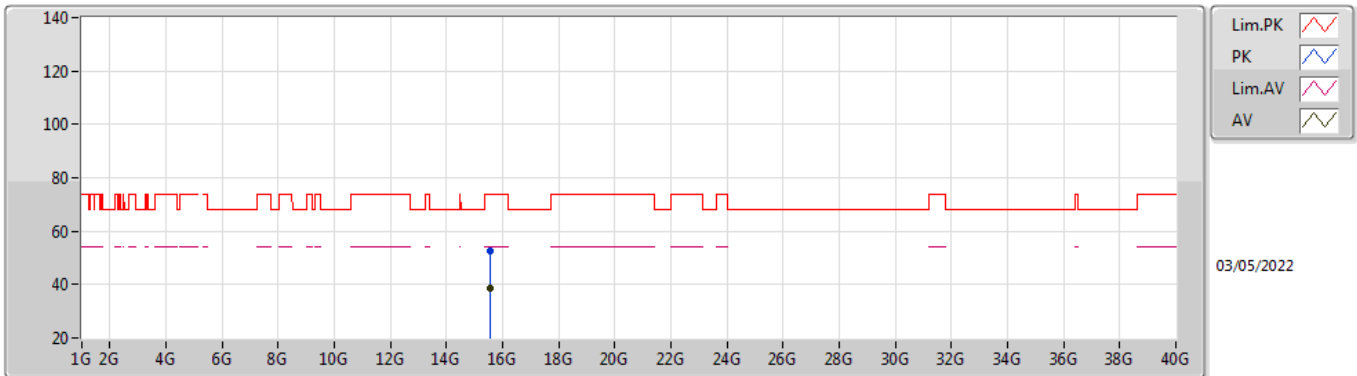


EUT X_4TX
Setting 94
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	65.87	74.00	-8.13	59.17	3	Horizontal	297	1.94	-	33.60	5.25	32.15
AV	5.149G	52.24	54.00	-1.76	45.54	3	Horizontal	297	1.94	-	33.60	5.25	32.15
PK	5.174G	119.09	Inf	-Inf	112.32	3	Horizontal	297	1.94	-	33.65	5.27	32.15
AV	5.1786G	106.15	Inf	-Inf	99.36	3	Horizontal	297	1.94	-	33.66	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

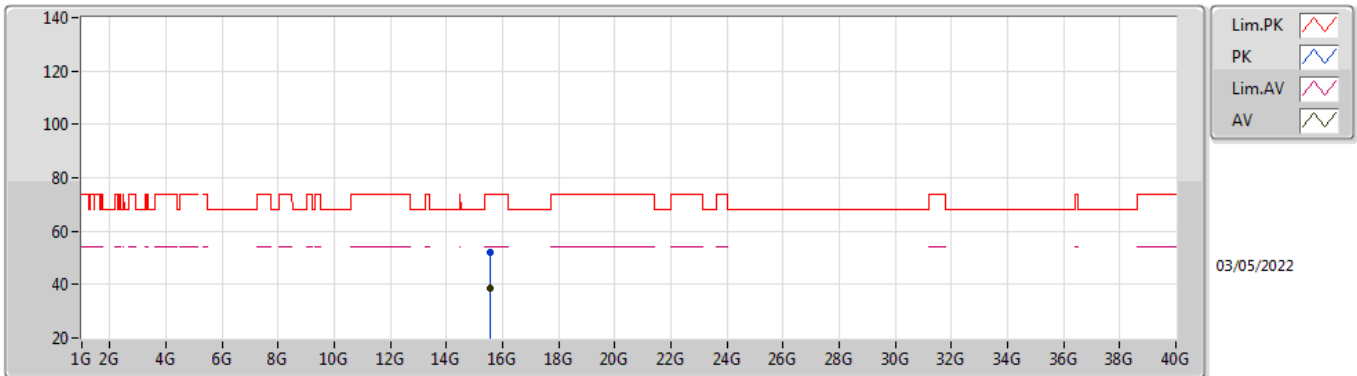


EUT X_4TX
Setting 94
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53936G	52.56	74.00	-21.44	38.11	3	Vertical	285	2.83	-	37.86	9.79	33.20
AV	15.53522G	38.45	54.00	-15.55	23.96	3	Vertical	285	2.83	-	37.89	9.79	33.19

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

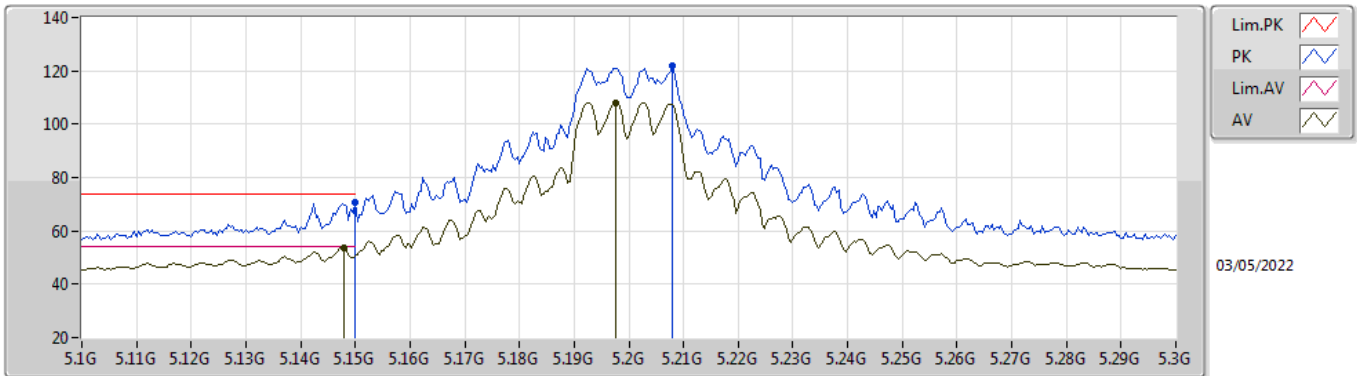


EUT X_4TX
Setting 94
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53604G	52.23	74.00	-21.77	37.75	3	Horizontal	223	2.72	-	37.88	9.79	33.19
AV	15.54304G	38.45	54.00	-15.55	24.02	3	Horizontal	223	2.72	-	37.84	9.79	33.20

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

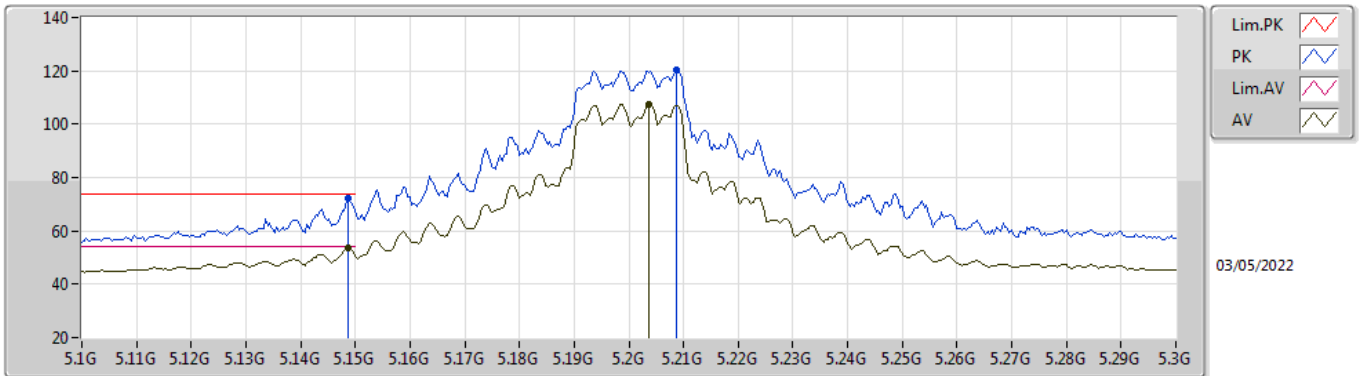


EUT_X_4TX
Setting 100
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	70.71	74.00	-3.29	64.01	3	Vertical	324	1.80	-	33.60	5.25	32.15
AV	5.148G	53.86	54.00	-0.14	47.16	3	Vertical	324	1.80	-	33.60	5.25	32.15
PK	5.208G	121.69	Inf	-Inf	114.84	3	Vertical	324	1.80	-	33.70	5.30	32.15
AV	5.1976G	108.16	Inf	-Inf	101.31	3	Vertical	324	1.80	-	33.70	5.30	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

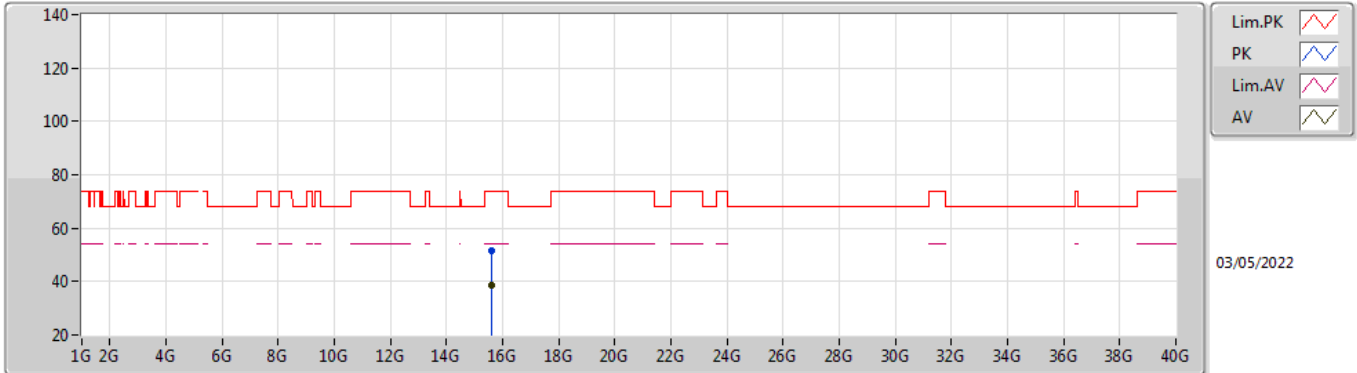


EUT_X_4TX
Setting 100
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	72.48	74.00	-1.52	65.78	3	Horizontal	300	1.92	-	33.60	5.25	32.15
AV	5.1488G	53.49	54.00	-0.51	46.79	3	Horizontal	300	1.92	-	33.60	5.25	32.15
PK	5.2088G	120.10	Inf	-Inf	113.25	3	Horizontal	300	1.92	-	33.70	5.30	32.15
AV	5.2036G	107.28	Inf	-Inf	100.43	3	Horizontal	300	1.92	-	33.70	5.30	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

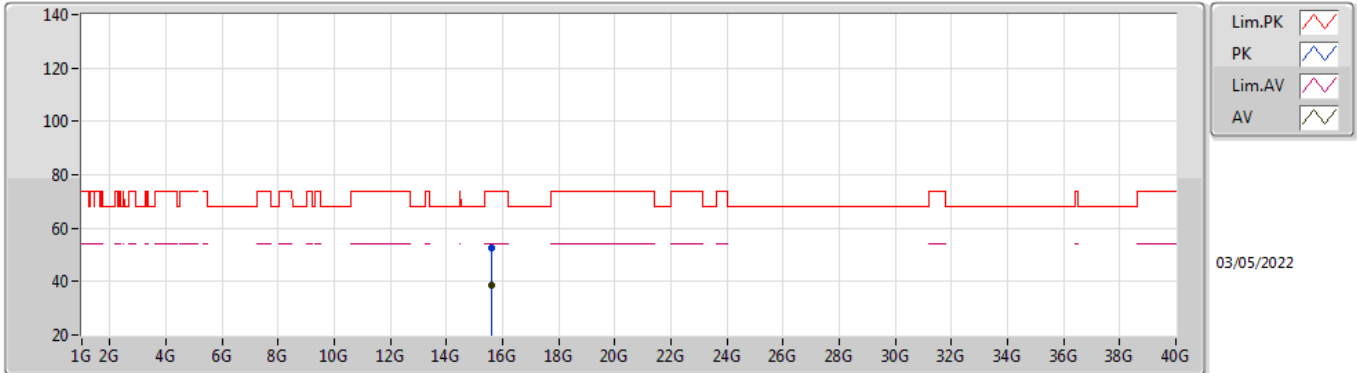


EUT X_4TX
Setting 100
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5956G	51.77	74.00	-22.23	37.68	3	Vertical	33	2.81	-	37.53	9.82	33.26
AV	15.60078G	38.42	54.00	-15.58	24.37	3	Vertical	33	2.81	-	37.50	9.82	33.27

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

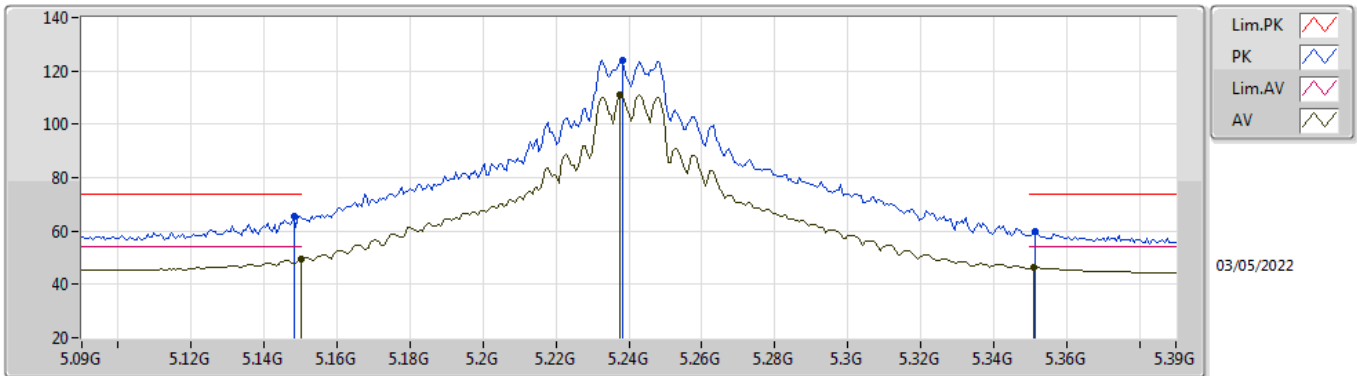


EUT X_4TX
Setting 100
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.59546G	52.61	74.00	-21.39	38.52	3	Horizontal	357	2.34	-	37.53	9.82	33.26
AV	15.59508G	38.39	54.00	-15.61	24.30	3	Horizontal	357	2.34	-	37.53	9.82	33.26

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

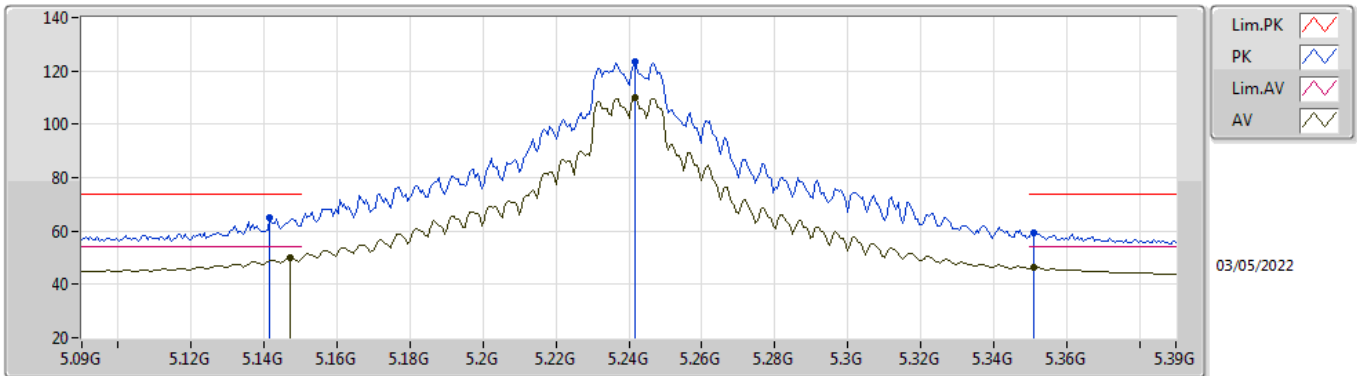


EUT_X_4TX
Setting 108
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1482G	65.75	74.00	-8.25	59.05	3	Vertical	16	1.92	-	33.60	5.25	32.15
AV	5.15G	49.35	54.00	-4.65	42.65	3	Vertical	16	1.92	-	33.60	5.25	32.15
PK	5.2382G	123.86	Inf	-Inf	116.99	3	Vertical	16	1.92	-	33.70	5.32	32.15
AV	5.2376G	111.02	Inf	-Inf	104.15	3	Vertical	16	1.92	-	33.70	5.32	32.15
PK	5.3516G	59.79	74.00	-14.21	52.65	3	Vertical	16	1.92	-	33.90	5.38	32.14
AV	5.351G	46.26	54.00	-7.74	39.12	3	Vertical	16	1.92	-	33.90	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

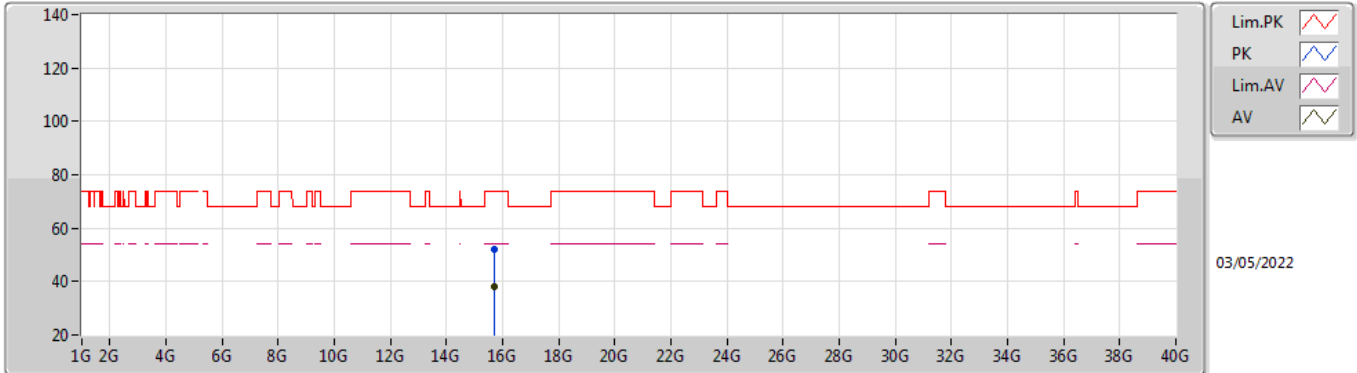


EUT_X_4TX
Setting 108
02-B-K-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1416G	64.92	74.00	-9.08	58.25	3	Horizontal	275	1.97	-	33.58	5.24	32.15
AV	5.147G	50.00	54.00	-4.00	43.31	3	Horizontal	275	1.97	-	33.59	5.25	32.15
PK	5.2418G	123.62	Inf	-Inf	116.75	3	Horizontal	275	1.97	-	33.70	5.32	32.15
AV	5.2418G	109.84	Inf	-Inf	102.97	3	Horizontal	275	1.97	-	33.70	5.32	32.15
PK	5.351G	59.17	74.00	-14.83	52.03	3	Horizontal	275	1.97	-	33.90	5.38	32.14
AV	5.351G	46.13	54.00	-7.87	38.99	3	Horizontal	275	1.97	-	33.90	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

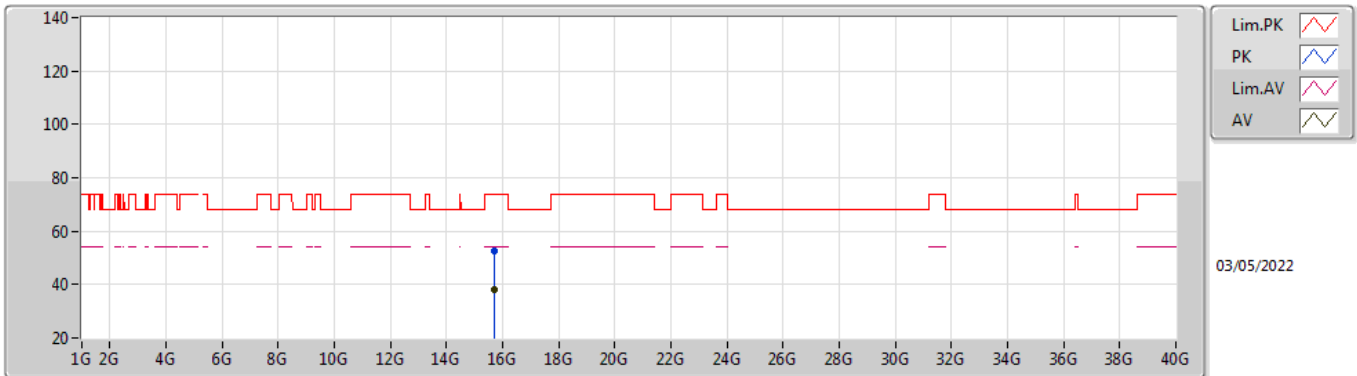


EUT X_4TX
Setting 108
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.72064G	52.22	74.00	-21.78	38.26	3	Vertical	231	1.78	-	37.50	9.87	33.41
AV	15.7172G	38.21	54.00	-15.79	24.25	3	Vertical	231	1.78	-	37.50	9.87	33.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

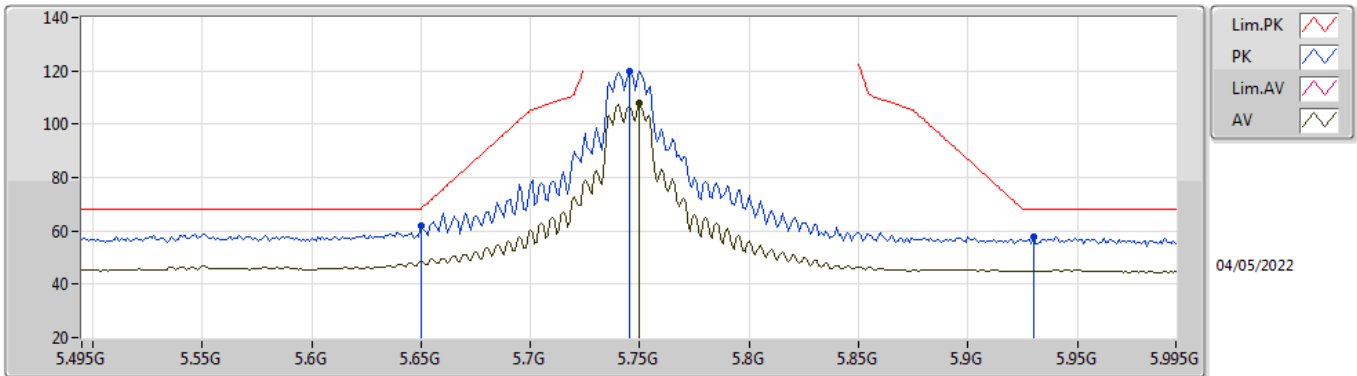


EUT X_4TX
Setting 108
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.72128G	52.48	74.00	-21.52	38.52	3	Horizontal	171	2.95	-	37.50	9.87	33.41
AV	15.72236G	38.16	54.00	-15.84	24.19	3	Horizontal	171	2.95	-	37.50	9.88	33.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

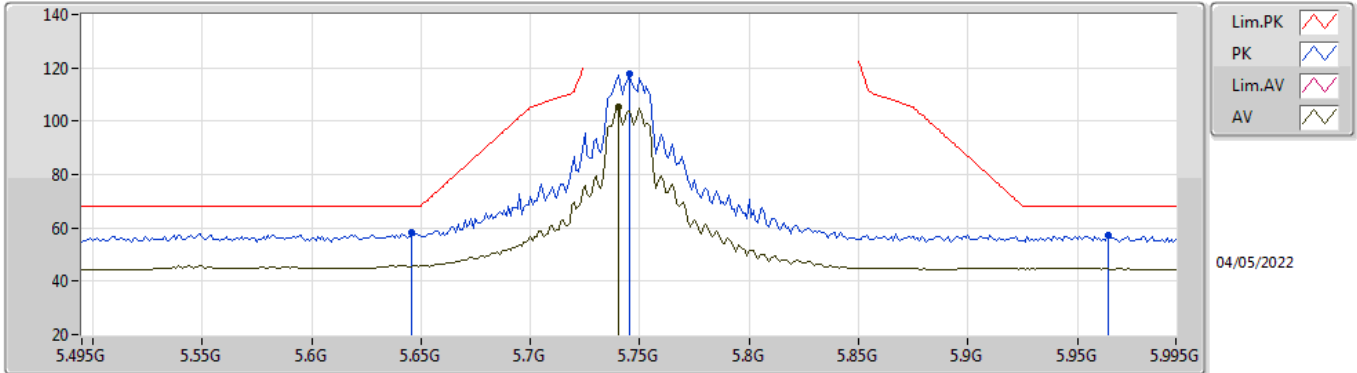


EUT Y_4TX
Setting 102
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	61.79	68.20	-6.41	54.53	3	Vertical	272	1.60	-	33.80	5.60	32.14
PK	5.745G	119.78	Inf	-Inf	112.51	3	Vertical	272	1.60	-	33.81	5.60	32.14
AV	5.75G	107.71	Inf	-Inf	100.45	3	Vertical	272	1.60	-	33.80	5.60	32.14
PK	5.93G	57.71	68.20	-10.49	49.98	3	Vertical	272	1.60	-	34.16	5.73	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

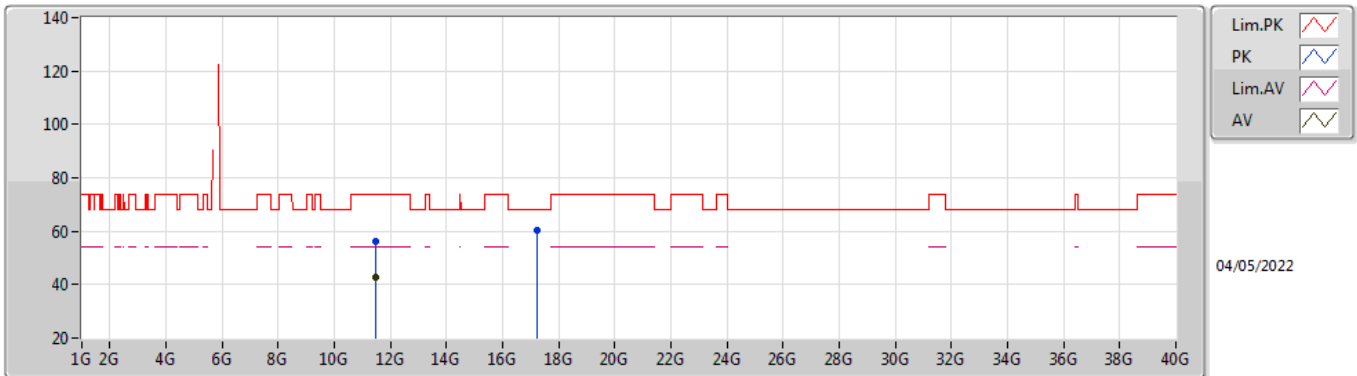


EUT Y_4TX
Setting 102
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	58.23	68.20	-9.97	50.96	3	Horizontal	68	1.79	-	33.81	5.60	32.14
PK	5.745G	117.55	Inf	-Inf	110.28	3	Horizontal	68	1.79	-	33.81	5.60	32.14
AV	5.74G	105.29	Inf	-Inf	98.01	3	Horizontal	68	1.79	-	33.82	5.60	32.14
PK	5.964G	57.04	68.20	-11.16	49.24	3	Horizontal	68	1.79	-	34.20	5.76	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

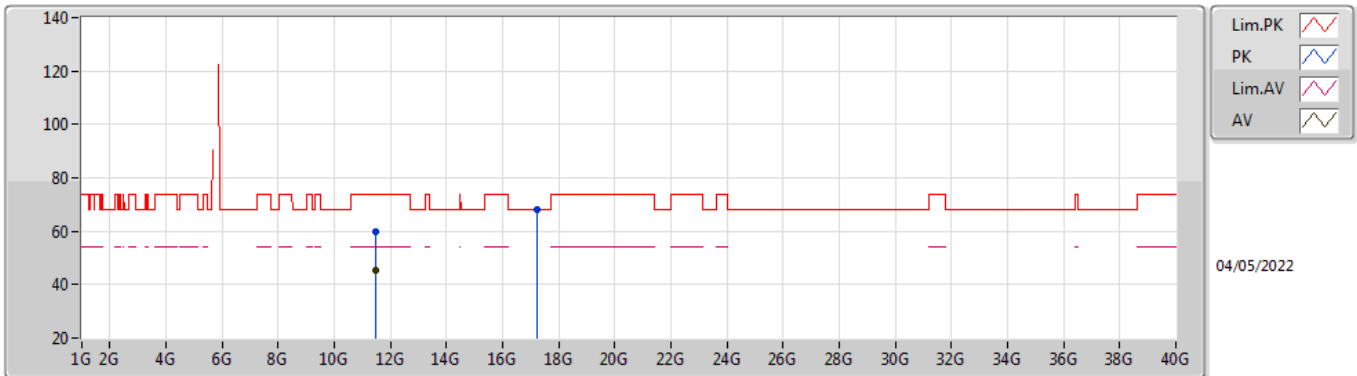


EUT X_4TX
Setting 102
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48736G	55.97	74.00	-18.03	42.33	3	Vertical	63	1.00	-	38.97	7.89	33.22
AV	11.48784G	42.55	54.00	-11.45	28.89	3	Vertical	63	1.00	-	38.98	7.90	33.22
PK	17.235G	60.45	68.20	-7.75	40.93	3	Vertical	264	1.80	-	42.17	10.62	33.27

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

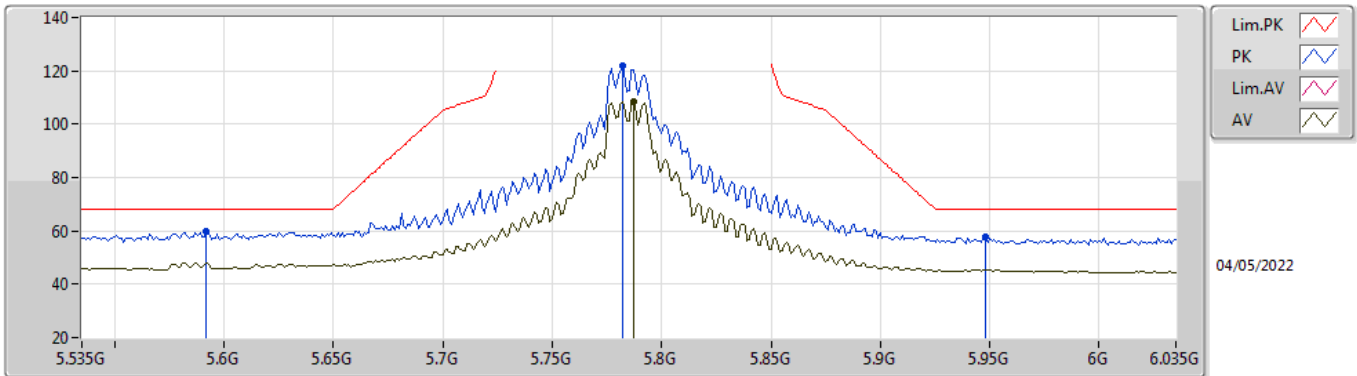


EUT X_4TX
Setting 102
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48976G	59.71	74.00	-14.29	46.05	3	Horizontal	235	1.96	-	38.98	7.90	33.22
AV	11.48856G	45.55	54.00	-8.45	31.89	3	Horizontal	235	1.96	-	38.98	7.90	33.22
PK	17.23962G	68.12	68.20	-0.08	48.57	3	Horizontal	284	1.00	-	42.20	10.62	33.27

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

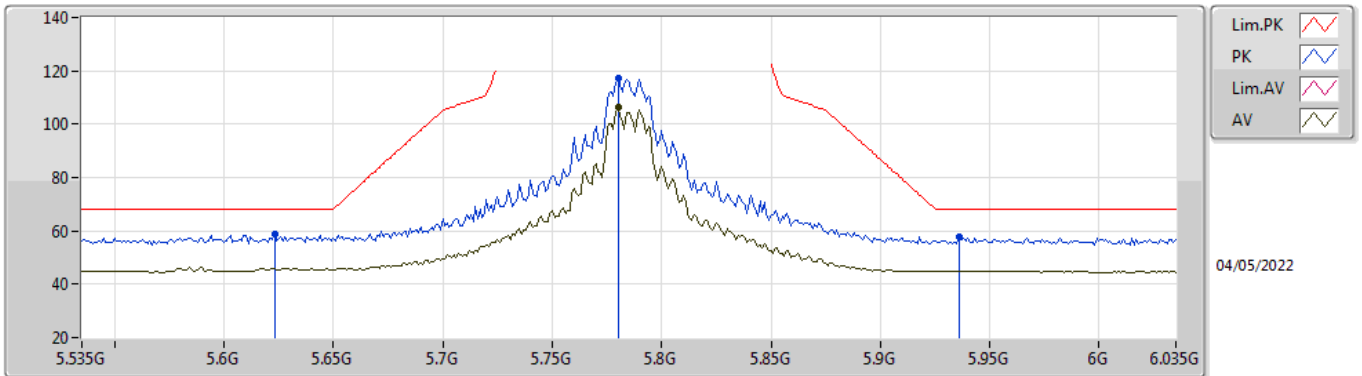


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.592G	59.91	68.20	-8.29	52.54	3	Vertical	283	1.00	-	33.92	5.59	32.14
PK	5.782G	121.71	Inf	-Inf	114.46	3	Vertical	283	1.00	-	33.80	5.60	32.15
AV	5.787G	108.63	Inf	-Inf	101.38	3	Vertical	283	1.00	-	33.80	5.60	32.15
PK	5.948G	57.66	68.20	-10.54	49.87	3	Vertical	283	1.00	-	34.20	5.75	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

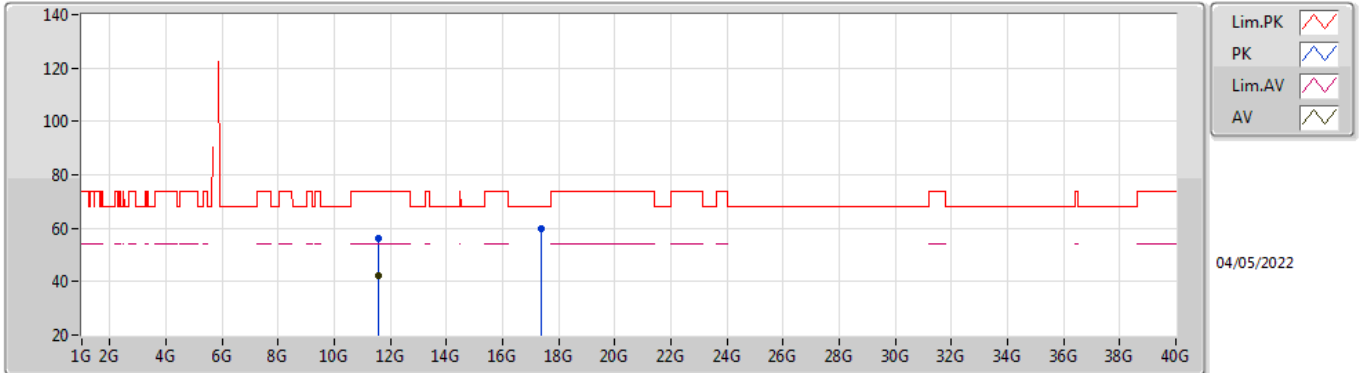


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.623G	58.81	68.20	-9.39	51.50	3	Horizontal	71	1.80	-	33.85	5.60	32.14
PK	5.78G	117.49	Inf	-Inf	110.24	3	Horizontal	71	1.80	-	33.80	5.60	32.15
AV	5.78G	106.30	Inf	-Inf	99.05	3	Horizontal	71	1.80	-	33.80	5.60	32.15
PK	5.936G	57.56	68.20	-10.64	49.81	3	Horizontal	71	1.80	-	34.17	5.74	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

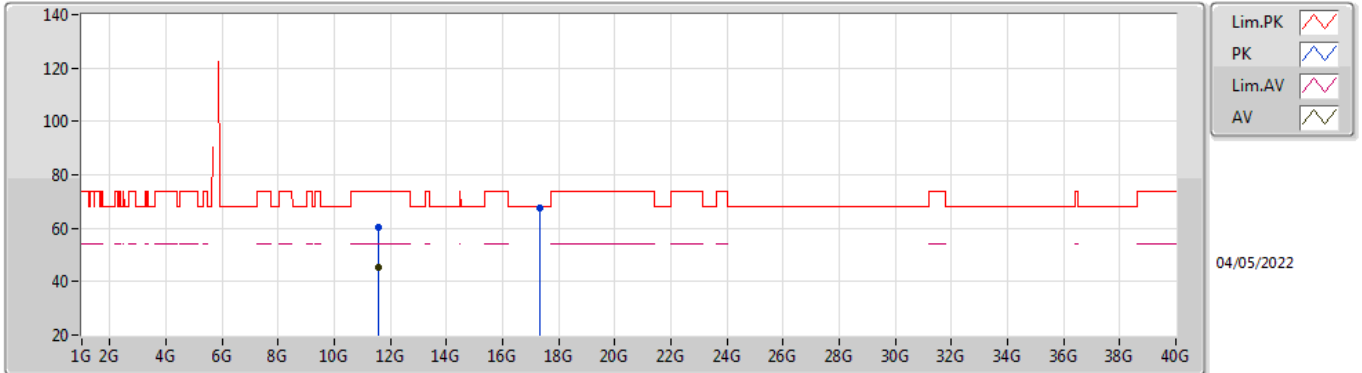


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5703G	56.28	74.00	-17.72	42.38	3	Vertical	59	1.80	-	39.21	7.93	33.24
AV	11.5703G	42.38	54.00	-11.62	28.48	3	Vertical	59	1.80	-	39.21	7.93	33.24
PK	17.35554G	59.82	68.20	-8.38	39.44	3	Vertical	118	1.82	-	42.83	10.68	33.13

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

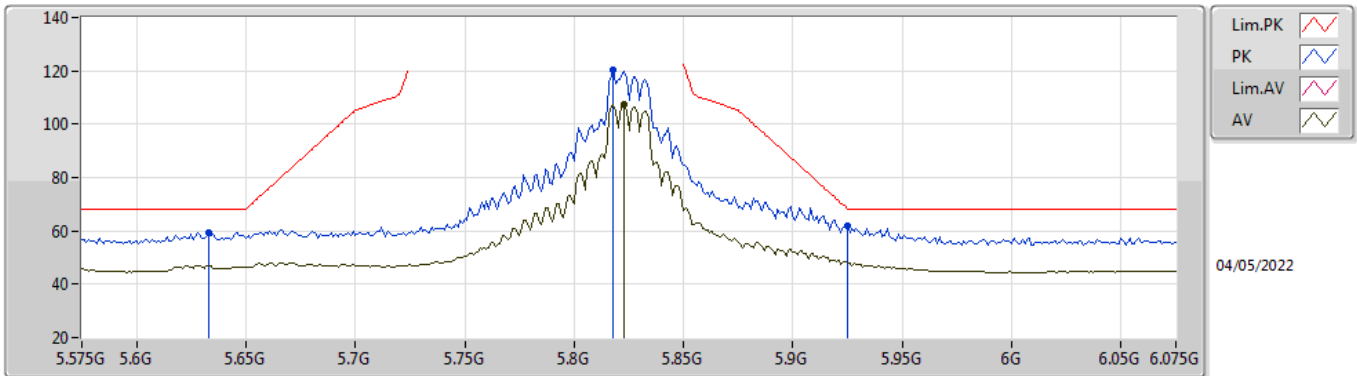


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56724G	60.12	74.00	-13.88	46.23	3	Horizontal	234	2.20	-	39.20	7.93	33.24
AV	11.56724G	45.19	54.00	-8.81	31.30	3	Horizontal	234	2.20	-	39.20	7.93	33.24
PK	17.34606G	67.78	68.20	-0.42	47.48	3	Horizontal	304	1.83	-	42.78	10.67	33.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

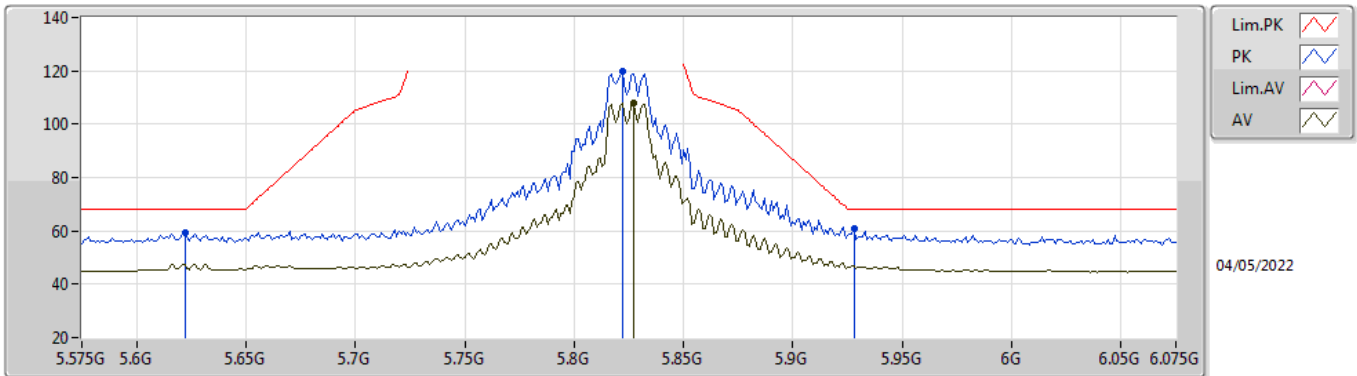


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.633G	59.37	68.20	-8.83	52.08	3	Vertical	283	3.00	-	33.83	5.60	32.14
PK	5.818G	120.25	Inf	-Inf	112.98	3	Vertical	283	3.00	-	33.80	5.62	32.15
AV	5.823G	107.36	Inf	-Inf	100.09	3	Vertical	283	3.00	-	33.80	5.62	32.15
PK	5.925G	62.03	68.20	-6.17	54.31	3	Vertical	283	3.00	-	34.15	5.73	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

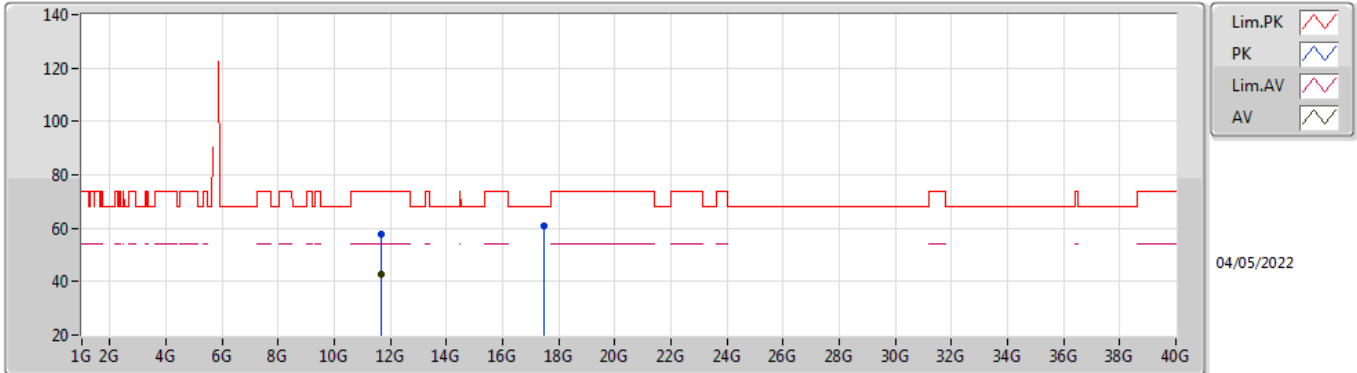


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.622G	59.28	68.20	-8.92	51.96	3	Horizontal	299	2.40	-	33.86	5.60	32.14
PK	5.822G	119.98	Inf	-Inf	112.71	3	Horizontal	299	2.40	-	33.80	5.62	32.15
AV	5.827G	107.89	Inf	-Inf	100.61	3	Horizontal	299	2.40	-	33.80	5.63	32.15
PK	5.928G	60.65	68.20	-7.55	52.92	3	Horizontal	299	2.40	-	34.16	5.73	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

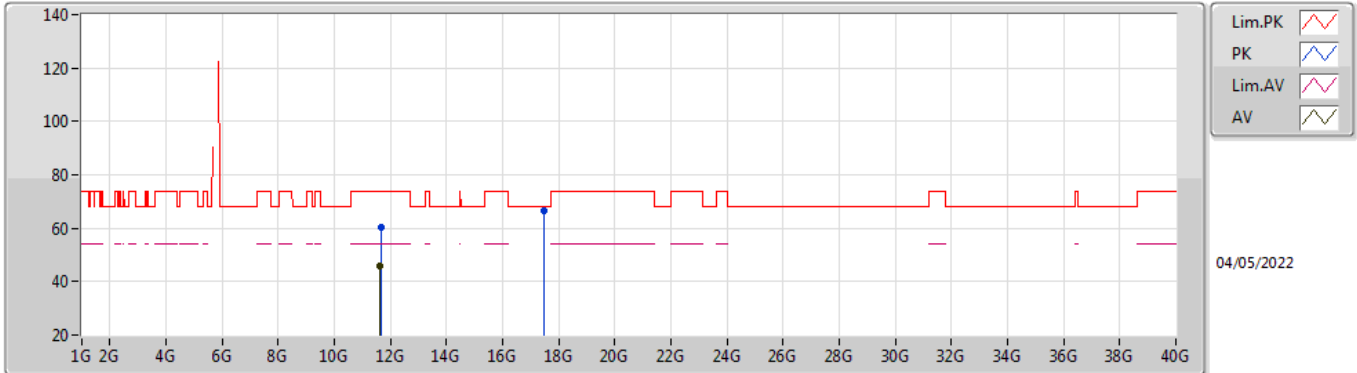


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64988G	57.77	74.00	-16.23	43.67	3	Vertical	59	1.90	-	39.40	7.96	33.26
AV	11.6494G	42.71	54.00	-11.29	28.61	3	Vertical	59	1.90	-	39.40	7.96	33.26
PK	17.47968G	60.77	68.20	-7.43	39.28	3	Vertical	83	1.73	-	43.74	10.74	32.99

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

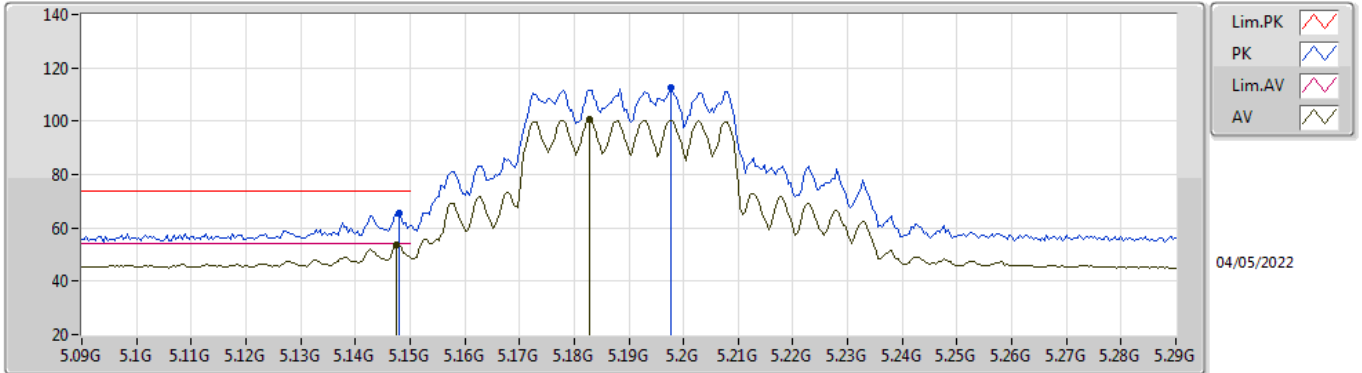


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65G	60.12	74.00	-13.88	46.02	3	Horizontal	248	1.36	-	39.40	7.96	33.26
AV	11.64712G	46.02	54.00	-7.98	31.93	3	Horizontal	248	1.36	-	39.39	7.96	33.26
PK	17.48424G	66.80	68.20	-1.40	45.28	3	Horizontal	296	1.78	-	43.77	10.74	32.99

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

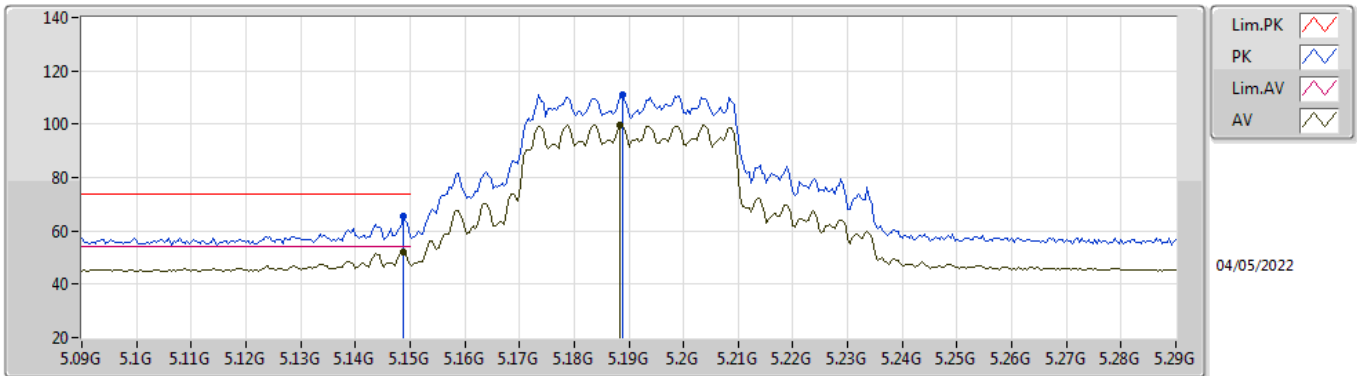


EUT X_4TX
Setting 74
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.148G	65.34	74.00	-8.66	58.64	3	Vertical	324	1.92	-	33.60	5.25	32.15
AV	5.1476G	53.59	54.00	-0.41	46.89	3	Vertical	324	1.92	-	33.60	5.25	32.15
PK	5.1976G	112.72	Inf	-Inf	105.87	3	Vertical	324	1.92	-	33.70	5.30	32.15
AV	5.1828G	100.52	Inf	-Inf	93.72	3	Vertical	324	1.92	-	33.67	5.28	32.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

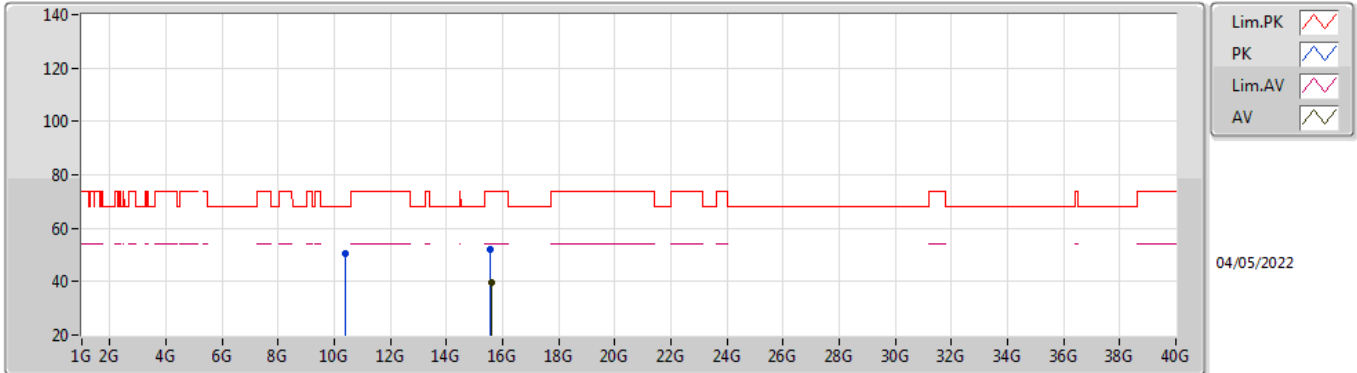


EUT X_4TX
Setting 74
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	65.36	74.00	-8.64	58.66	3	Horizontal	297	1.92	-	33.60	5.25	32.15
AV	5.1488G	51.95	54.00	-2.05	45.25	3	Horizontal	297	1.92	-	33.60	5.25	32.15
PK	5.1888G	111.22	Inf	-Inf	104.40	3	Horizontal	297	1.92	-	33.68	5.29	32.15
AV	5.1884G	99.62	Inf	-Inf	92.80	3	Horizontal	297	1.92	-	33.68	5.29	32.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

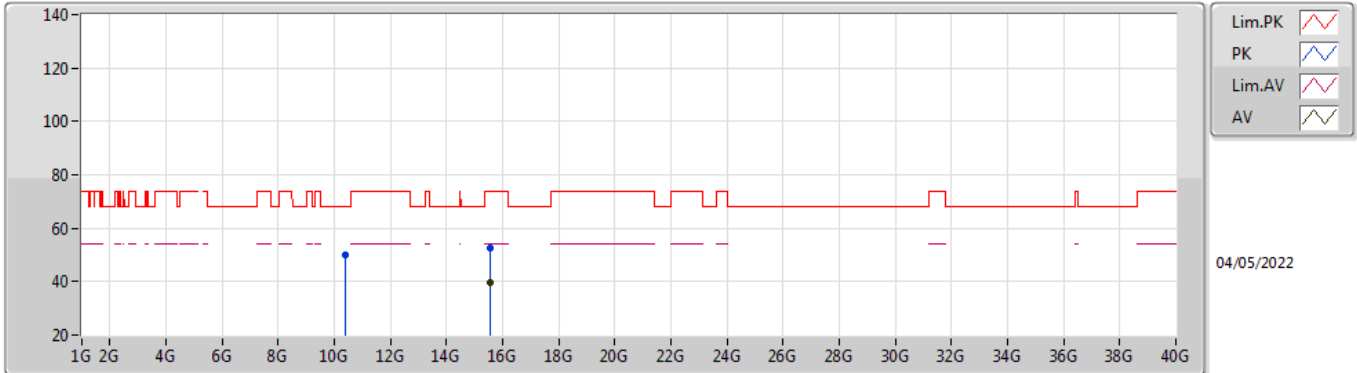


EUT X_4TX
Setting 74
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36926G	50.61	68.20	-17.59	37.49	3	Vertical	9	1.80	-	38.63	7.45	32.96
PK	15.56418G	52.12	74.00	-21.88	37.84	3	Vertical	199	2.25	-	37.71	9.80	33.23
AV	15.58296G	39.87	54.00	-14.13	25.71	3	Vertical	199	2.25	-	37.60	9.81	33.25

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

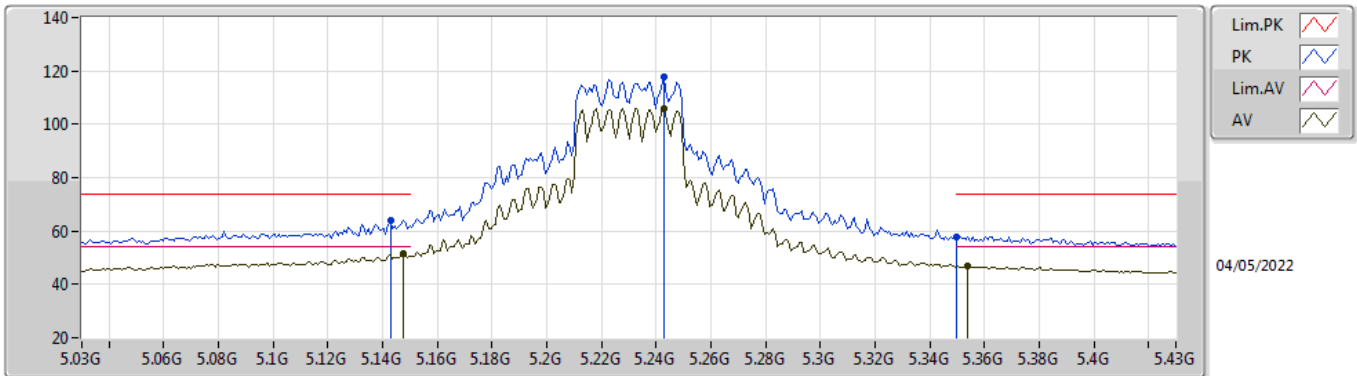


EUT X_4TX
Setting 74
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37724G	50.19	68.20	-18.01	37.09	3	Horizontal	130	2.15	-	38.62	7.45	32.97
PK	15.58098G	52.36	74.00	-21.64	38.19	3	Horizontal	312	1.51	-	37.61	9.81	33.25
AV	15.5739G	39.89	54.00	-14.11	25.66	3	Horizontal	312	1.51	-	37.66	9.81	33.24

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

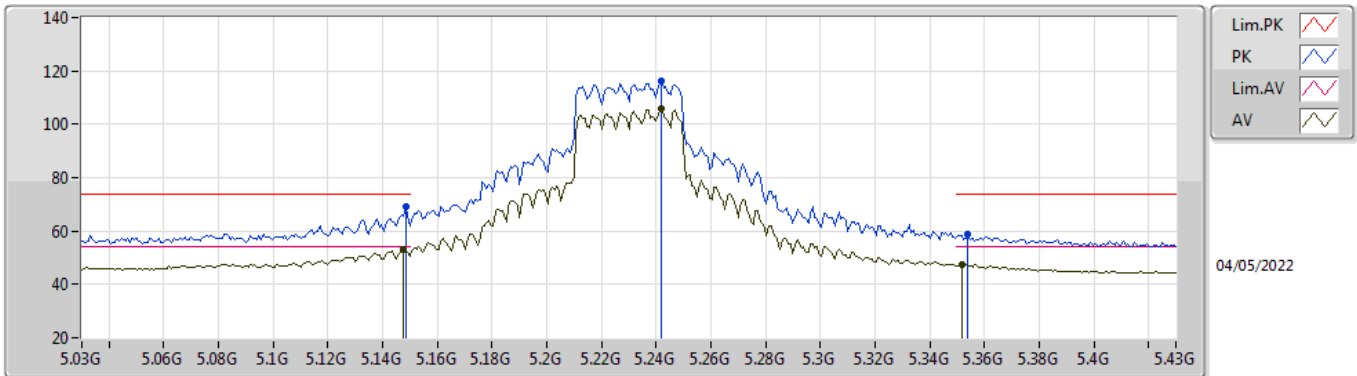


EUT_X_4TX
Setting 95
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1428G	64.11	74.00	-9.89	57.43	3	Vertical	322	1.90	-	33.59	5.24	32.15
AV	5.1476G	51.47	54.00	-2.53	44.77	3	Vertical	322	1.90	-	33.60	5.25	32.15
PK	5.2428G	117.70	Inf	-Inf	110.83	3	Vertical	322	1.90	-	33.70	5.32	32.15
AV	5.2428G	105.86	Inf	-Inf	98.99	3	Vertical	322	1.90	-	33.70	5.32	32.15
PK	5.35G	57.79	74.00	-16.21	50.65	3	Vertical	322	1.90	-	33.90	5.38	32.14
AV	5.354G	46.98	54.00	-7.02	39.83	3	Vertical	322	1.90	-	33.91	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

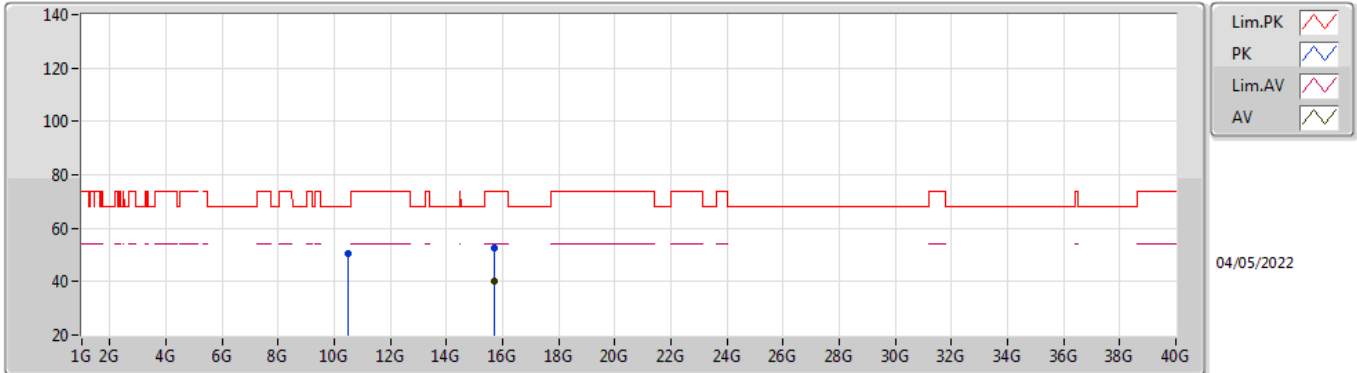


EUT_X_4TX
Setting 95
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1484G	69.30	74.00	-4.70	62.60	3	Horizontal	276	1.96	-	33.60	5.25	32.15
AV	5.1476G	53.15	54.00	-0.85	46.45	3	Horizontal	276	1.96	-	33.60	5.25	32.15
PK	5.242G	116.29	Inf	-Inf	109.42	3	Horizontal	276	1.96	-	33.70	5.32	32.15
AV	5.242G	105.69	Inf	-Inf	98.82	3	Horizontal	276	1.96	-	33.70	5.32	32.15
PK	5.354G	58.73	74.00	-15.27	51.58	3	Horizontal	276	1.96	-	33.91	5.38	32.14
AV	5.3516G	47.54	54.00	-6.46	40.40	3	Horizontal	276	1.96	-	33.90	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

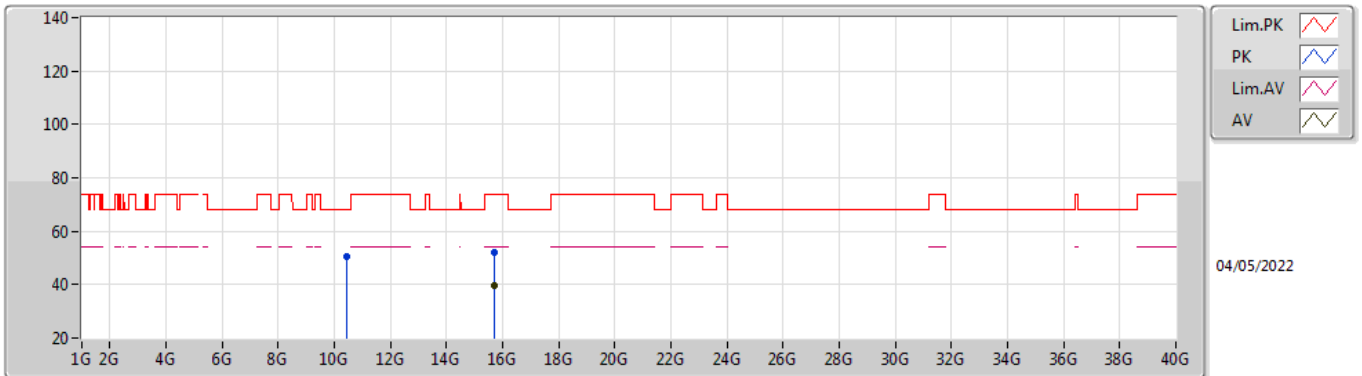


EUT X_4TX
Setting 95
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47104G	50.30	68.20	-17.90	37.24	3	Vertical	228	2.09	-	38.60	7.49	33.03
PK	15.69702G	52.66	74.00	-21.34	38.68	3	Vertical	95	2.74	-	37.50	9.86	33.38
AV	15.6882G	40.25	54.00	-13.75	26.26	3	Vertical	95	2.74	-	37.50	9.86	33.37

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

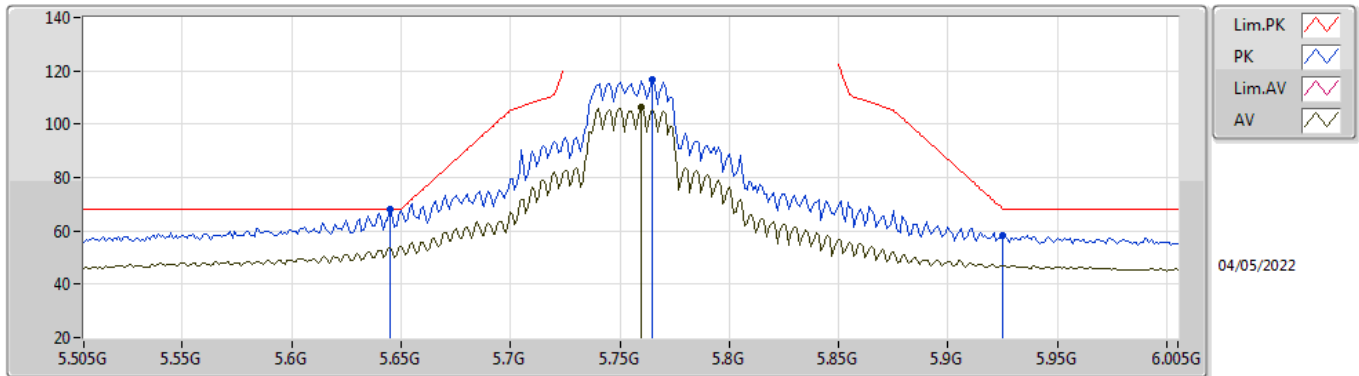


EUT X_4TX
Setting 95
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.44872G	50.34	68.20	-17.86	37.28	3	Horizontal	252	1.84	-	38.60	7.48	33.02
PK	15.69078G	52.15	74.00	-21.85	38.17	3	Horizontal	292	1.55	-	37.50	9.86	33.38
AV	15.68484G	39.78	54.00	-14.22	25.79	3	Horizontal	292	1.55	-	37.50	9.86	33.37

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

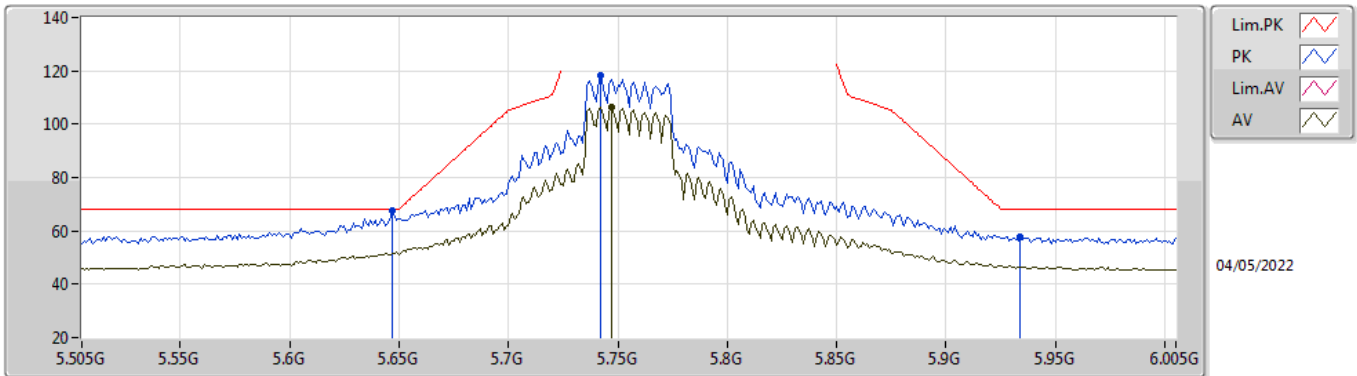


EUT Y_4TX
Setting 101
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.645G	68.05	68.20	-0.15	60.78	3	Vertical	270	1.76	-	33.81	5.60	32.14
PK	5.765G	116.57	Inf	-Inf	109.32	3	Vertical	270	1.76	-	33.80	5.60	32.15
AV	5.76G	106.32	Inf	-Inf	99.07	3	Vertical	270	1.76	-	33.80	5.60	32.15
PK	5.925G	58.34	68.20	-9.86	50.62	3	Vertical	270	1.76	-	34.15	5.73	32.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

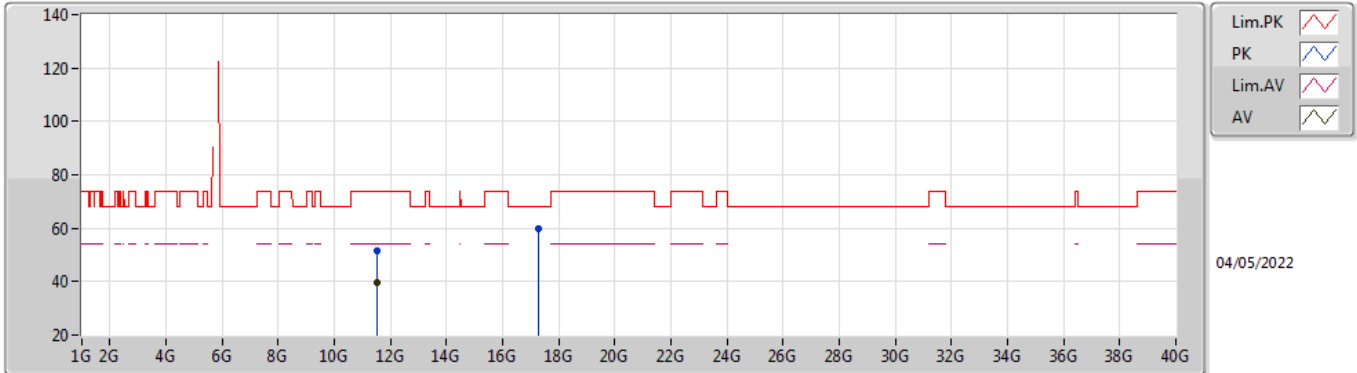


EUT Y_4TX
Setting 101
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	67.63	68.20	-0.57	60.36	3	Horizontal	295	2.77	-	33.81	5.60	32.14
PK	5.742G	118.16	Inf	-Inf	110.88	3	Horizontal	295	2.77	-	33.82	5.60	32.14
AV	5.747G	106.50	Inf	-Inf	99.23	3	Horizontal	295	2.77	-	33.81	5.60	32.14
PK	5.934G	57.65	68.20	-10.55	49.91	3	Horizontal	295	2.77	-	34.17	5.73	32.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

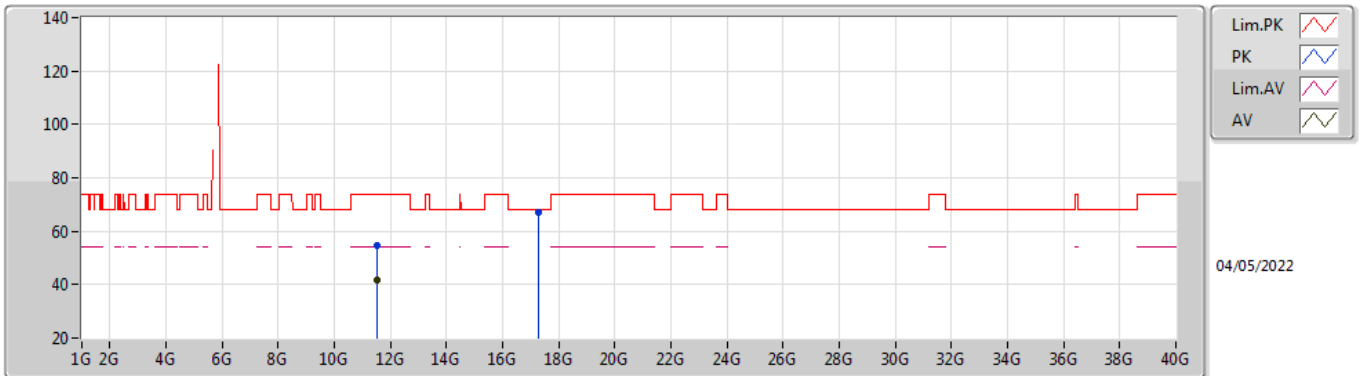


EUT X_4TX
Setting 101
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50928G	51.57	74.00	-22.43	37.86	3	Vertical	56	1.73	-	39.03	7.90	33.22
AV	11.50898G	39.64	54.00	-14.36	25.93	3	Vertical	56	1.73	-	39.03	7.90	33.22
PK	17.26866G	59.65	68.20	-8.55	39.91	3	Vertical	265	2.95	-	42.34	10.63	33.23

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

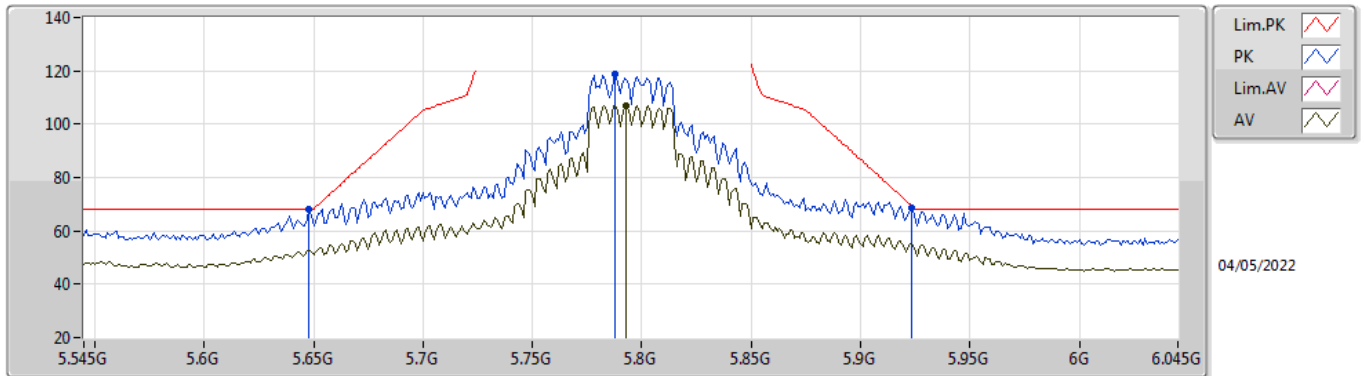


EUT X_4TX
Setting 101
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50634G	54.45	74.00	-19.55	40.75	3	Horizontal	18	2.73	-	39.02	7.90	33.22
AV	11.50304G	41.67	54.00	-12.33	27.98	3	Horizontal	18	2.73	-	39.01	7.90	33.22
PK	17.2656G	66.85	68.20	-1.35	47.13	3	Horizontal	277	1.90	-	42.33	10.63	33.24

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

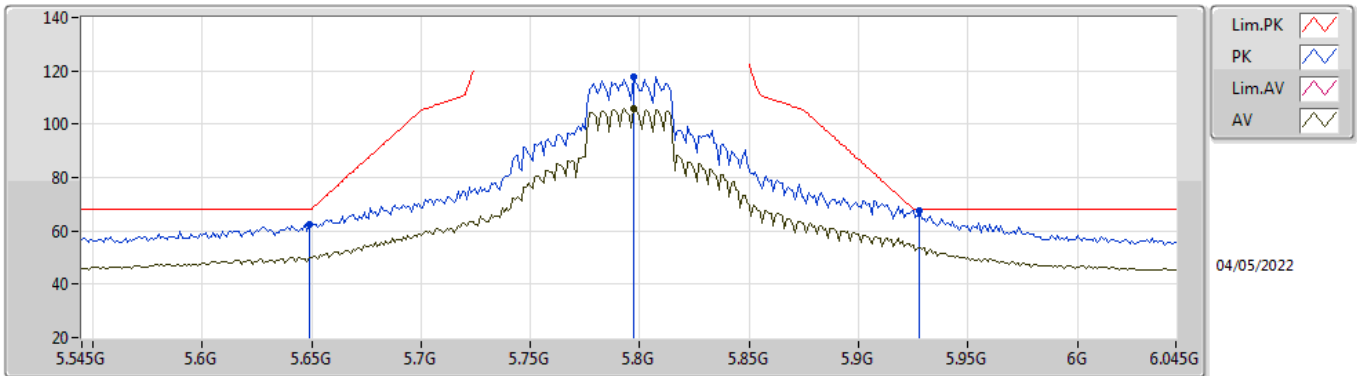


EUT Y_4TX
Setting 106
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	68.02	68.20	-0.18	60.76	3	Vertical	282	3.00	-	33.80	5.60	32.14
PK	5.788G	118.87	Inf	-Inf	111.62	3	Vertical	282	3.00	-	33.80	5.60	32.15
AV	5.793G	107.09	Inf	-Inf	99.84	3	Vertical	282	3.00	-	33.80	5.60	32.15
PK	5.923G	68.87	69.68	-0.81	61.16	3	Vertical	282	3.00	-	34.15	5.72	32.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

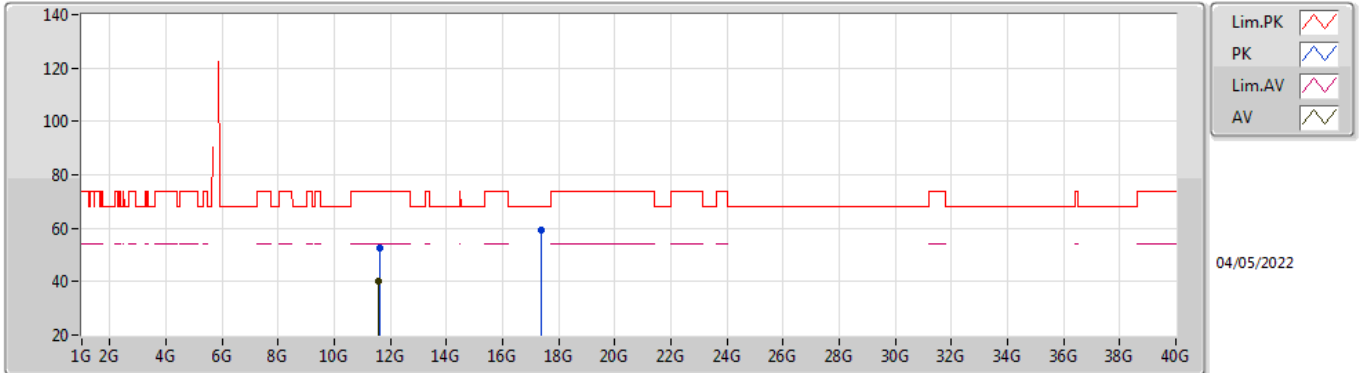


EUT Y_4TX
Setting 106
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	62.23	68.20	-5.97	54.97	3	Horizontal	269	1.78	-	33.80	5.60	32.14
PK	5.797G	117.56	Inf	-Inf	110.31	3	Horizontal	269	1.78	-	33.80	5.60	32.15
AV	5.797G	105.79	Inf	-Inf	98.54	3	Horizontal	269	1.78	-	33.80	5.60	32.15
PK	5.928G	67.61	68.20	-0.59	59.88	3	Horizontal	269	1.78	-	34.16	5.73	32.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

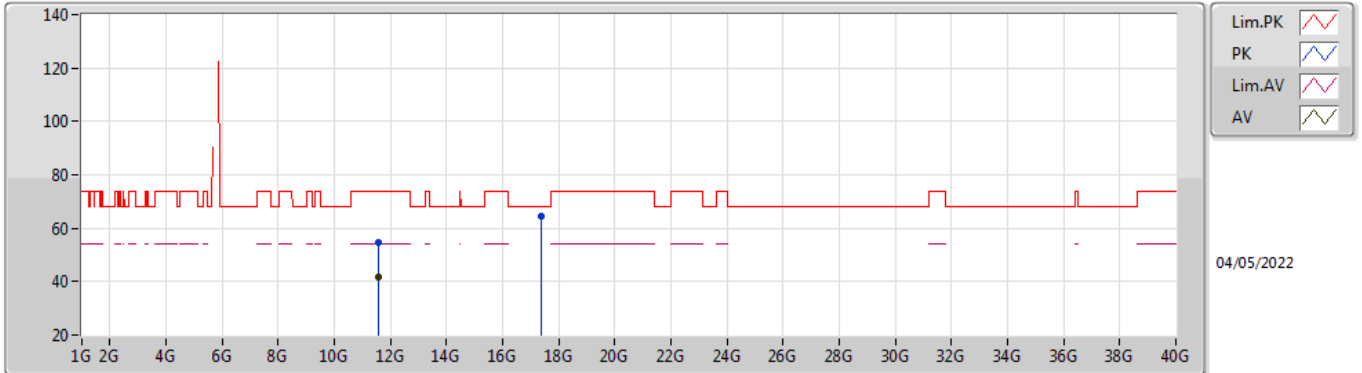


EUT X_4TX
Setting 106
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6026G	52.43	74.00	-21.57	38.43	3	Vertical	263	2.32	-	39.31	7.94	33.25
AV	11.58724G	40.12	54.00	-13.88	26.17	3	Vertical	263	2.32	-	39.26	7.93	33.24
PK	17.3802G	59.30	68.20	-8.90	38.74	3	Vertical	113	1.08	-	42.98	10.69	33.11

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

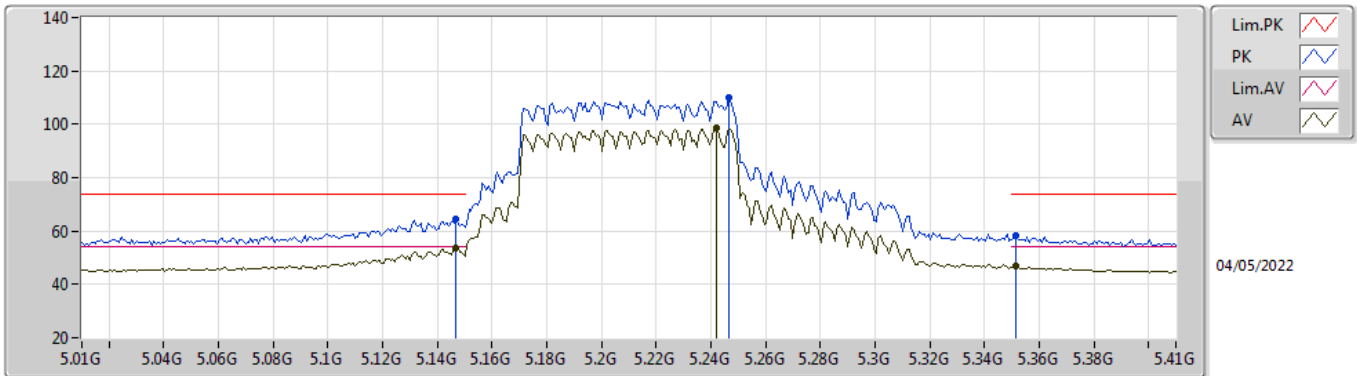


EUT X_4TX
Setting 106
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58982G	54.67	74.00	-19.33	40.70	3	Horizontal	247	1.83	-	39.27	7.94	33.24
AV	11.58868G	41.97	54.00	-12.03	28.00	3	Horizontal	247	1.83	-	39.27	7.94	33.24
PK	17.37588G	64.56	68.20	-3.64	44.02	3	Horizontal	304	1.67	-	42.96	10.69	33.11

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

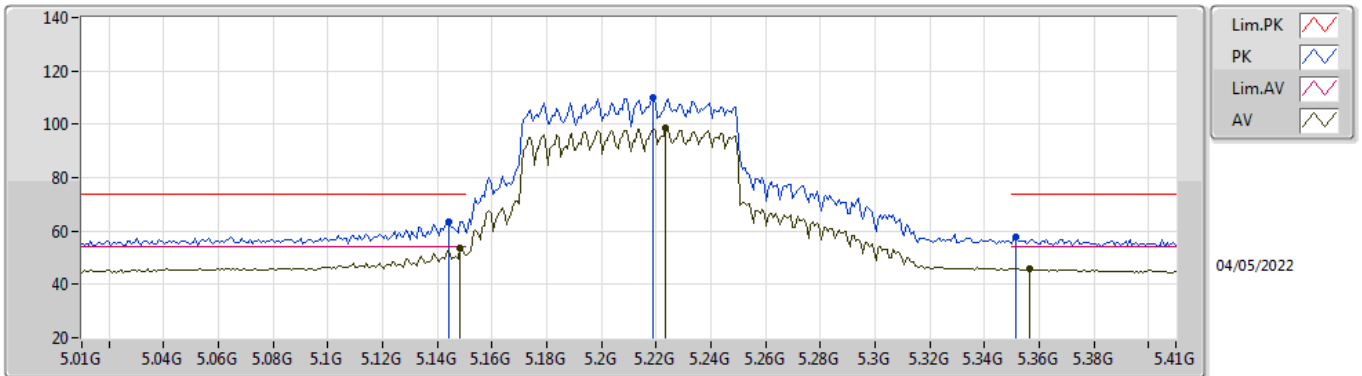


EUT_X_4TX
Setting 78
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1468G	64.33	74.00	-9.67	57.64	3	Vertical	277	1.99	-	33.59	5.25	32.15
AV	5.1468G	53.83	54.00	-0.17	47.14	3	Vertical	277	1.99	-	33.59	5.25	32.15
PK	5.2468G	110.17	Inf	-Inf	103.30	3	Vertical	277	1.99	-	33.70	5.32	32.15
AV	5.242G	98.64	Inf	-Inf	91.77	3	Vertical	277	1.99	-	33.70	5.32	32.15
PK	5.3516G	58.40	74.00	-15.60	51.26	3	Vertical	277	1.99	-	33.90	5.38	32.14
AV	5.3516G	46.78	54.00	-7.22	39.64	3	Vertical	277	1.99	-	33.90	5.38	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom



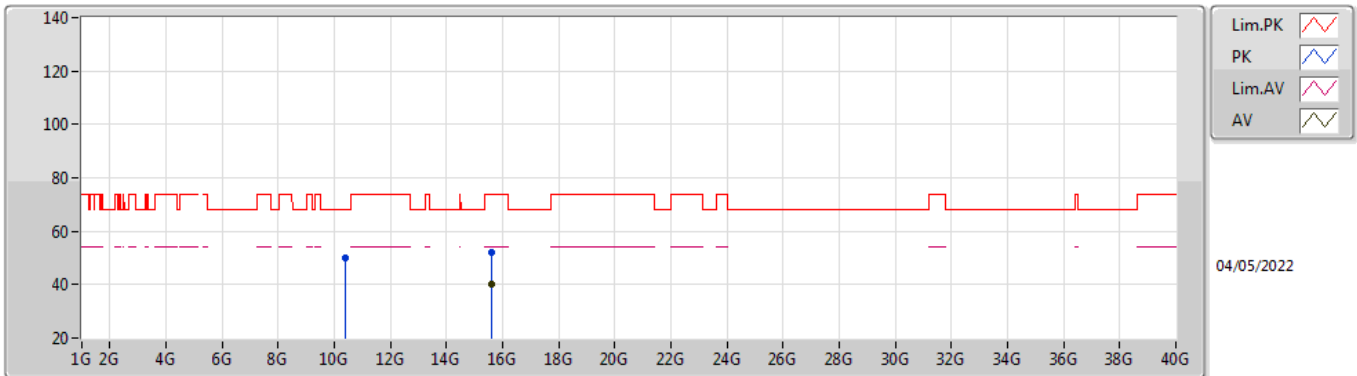
04/05/2022

EUT_X_4TX
Setting 78
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1444G	63.61	74.00	-10.39	56.93	3	Horizontal	298	2.02	-	33.59	5.24	32.15
AV	5.1484G	53.46	54.00	-0.54	46.76	3	Horizontal	298	2.02	-	33.60	5.25	32.15
PK	5.2188G	109.78	Inf	-Inf	102.92	3	Horizontal	298	2.02	-	33.70	5.31	32.15
AV	5.2236G	98.44	Inf	-Inf	91.58	3	Horizontal	298	2.02	-	33.70	5.31	32.15
PK	5.3516G	57.56	74.00	-16.44	50.42	3	Horizontal	298	2.02	-	33.90	5.38	32.14
AV	5.3564G	45.86	54.00	-8.14	38.71	3	Horizontal	298	2.02	-	33.91	5.38	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

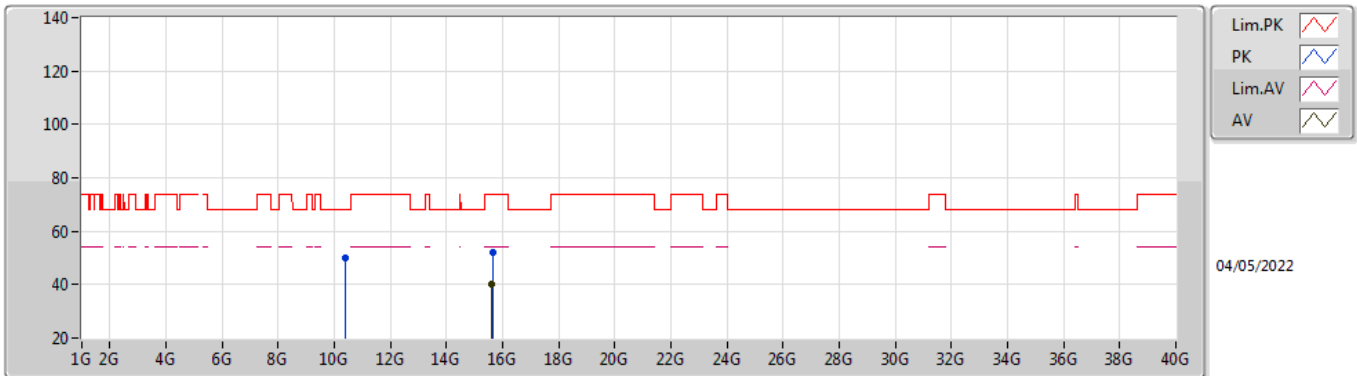


EUT X_4TX
Setting 78
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41484G	50.14	68.20	-18.06	37.06	3	Vertical	137	1.16	-	38.60	7.47	32.99
PK	15.61728G	52.09	74.00	-21.91	38.05	3	Vertical	258	1.80	-	37.50	9.83	33.29
AV	15.63G	40.22	54.00	-13.78	26.19	3	Vertical	258	1.80	-	37.50	9.83	33.30

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

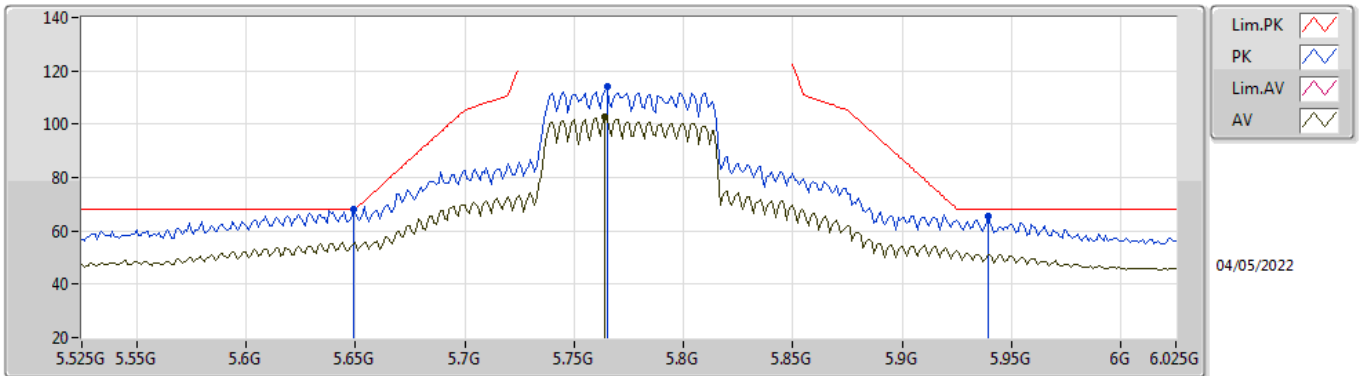


EUT X_4TX
Setting 78
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40674G	50.18	68.20	-18.02	37.11	3	Horizontal	242	1.97	-	38.60	7.46	32.99
PK	15.63468G	51.97	74.00	-22.03	37.94	3	Horizontal	194	2.79	-	37.50	9.84	33.31
AV	15.61872G	39.93	54.00	-14.07	25.89	3	Horizontal	194	2.79	-	37.50	9.83	33.29

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

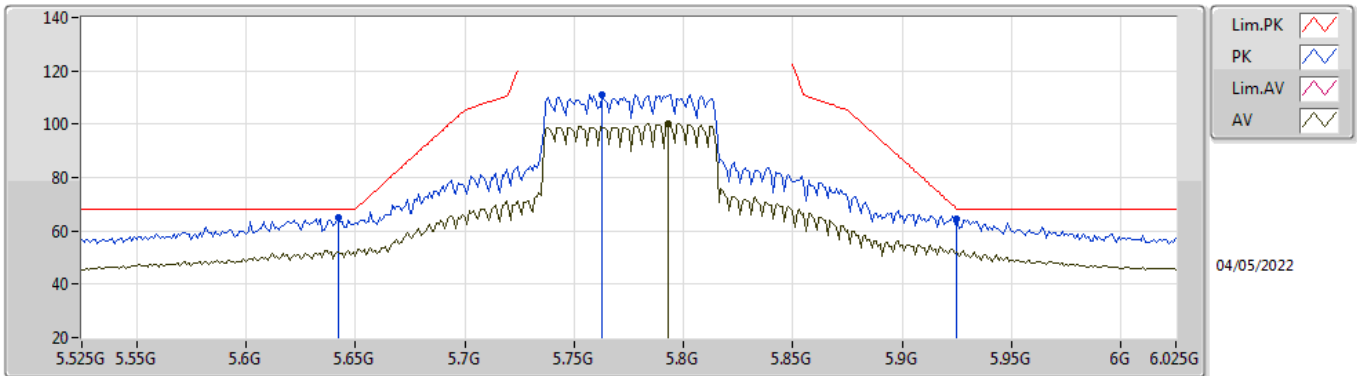


EUT Y_4TX
Setting 96
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	68.04	68.20	-0.16	60.78	3	Vertical	269	2.02	-	33.80	5.60	32.14
PK	5.765G	113.91	Inf	-Inf	106.66	3	Vertical	269	2.02	-	33.80	5.60	32.15
AV	5.764G	102.74	Inf	-Inf	95.49	3	Vertical	269	2.02	-	33.80	5.60	32.15
PK	5.939G	65.39	68.20	-2.81	57.63	3	Vertical	269	2.02	-	34.18	5.74	32.16

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

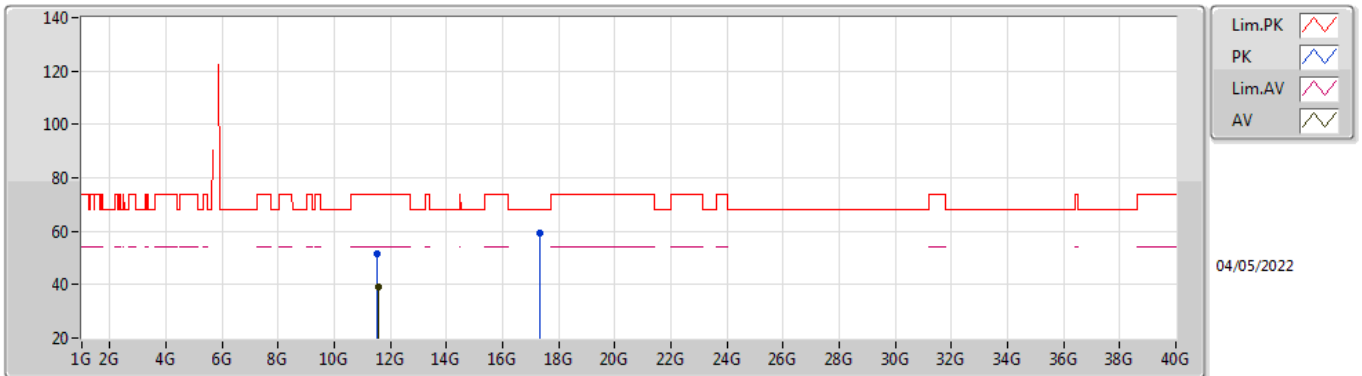


EUT Y_4TX
Setting 96
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.642G	65.11	68.20	-3.09	57.83	3	Horizontal	268	1.79	-	33.82	5.60	32.14
PK	5.763G	111.25	Inf	-Inf	104.00	3	Horizontal	268	1.79	-	33.80	5.60	32.15
AV	5.793G	100.01	Inf	-Inf	92.76	3	Horizontal	268	1.79	-	33.80	5.60	32.15
PK	5.925G	64.25	68.20	-3.95	56.53	3	Horizontal	268	1.79	-	34.15	5.73	32.16

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

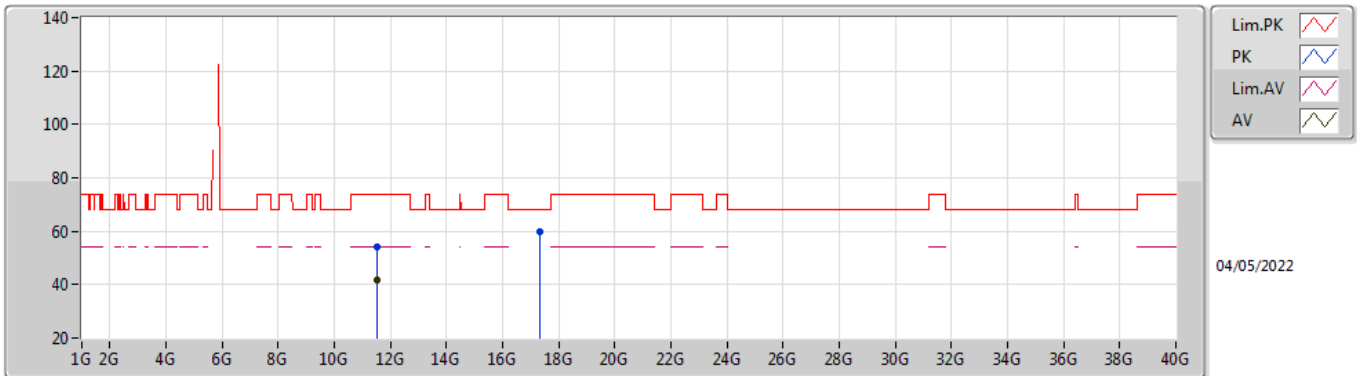


EUT X_4TX
Setting 96
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54202G	51.81	74.00	-22.19	37.99	3	Vertical	232	2.59	-	39.13	7.92	33.23
AV	11.55534G	39.24	54.00	-14.76	25.38	3	Vertical	232	2.59	-	39.17	7.92	33.23
PK	17.3145G	59.48	68.20	-8.72	39.41	3	Vertical	158	1.11	-	42.59	10.66	33.18

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom



EUT X_4TX
Setting 96
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54436G	54.35	74.00	-19.65	40.53	3	Horizontal	235	2.20	-	39.13	7.92	33.23
AV	11.53674G	41.67	54.00	-12.33	27.88	3	Horizontal	235	2.20	-	39.11	7.91	33.23
PK	17.33676G	59.62	68.20	-8.58	39.39	3	Horizontal	277	1.80	-	42.72	10.67	33.16



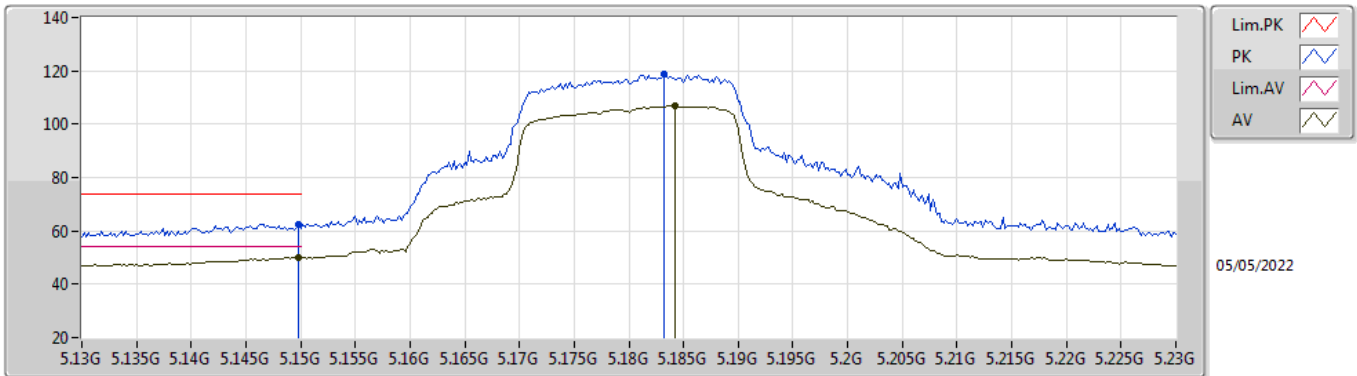
For beamforming mode

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 HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	17.24022G	68.14	68.20	-0.06	3	Horizontal	39	2.80	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

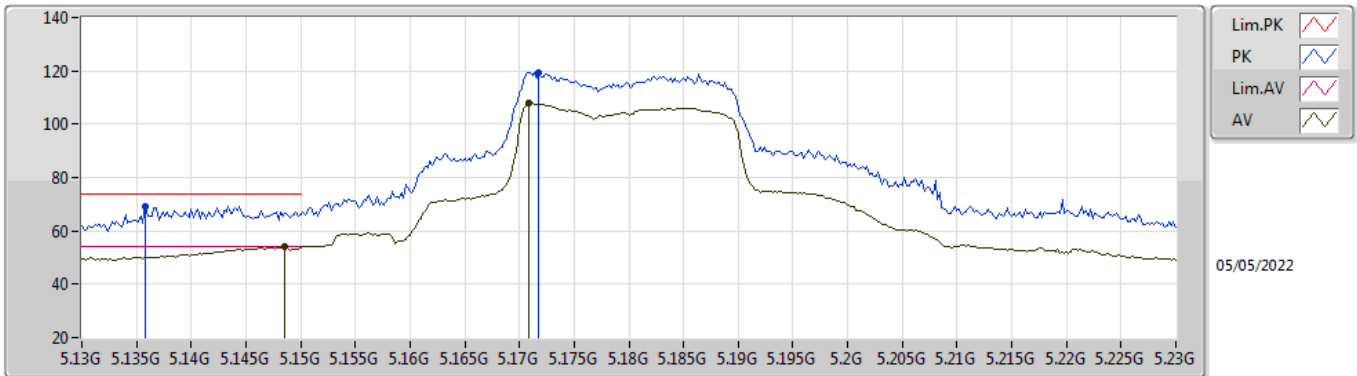


EUT_X_4TX
Setting 94
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1498G	62.32	74.00	-11.68	55.62	3	Vertical	248	1.52	-	33.60	5.25	32.15
AV	5.1498G	49.97	54.00	-4.03	43.27	3	Vertical	248	1.52	-	33.60	5.25	32.15
PK	5.1832G	119.05	Inf	-Inf	112.25	3	Vertical	248	1.52	-	33.67	5.28	32.15
AV	5.1842G	106.78	Inf	-Inf	99.98	3	Vertical	248	1.52	-	33.67	5.28	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

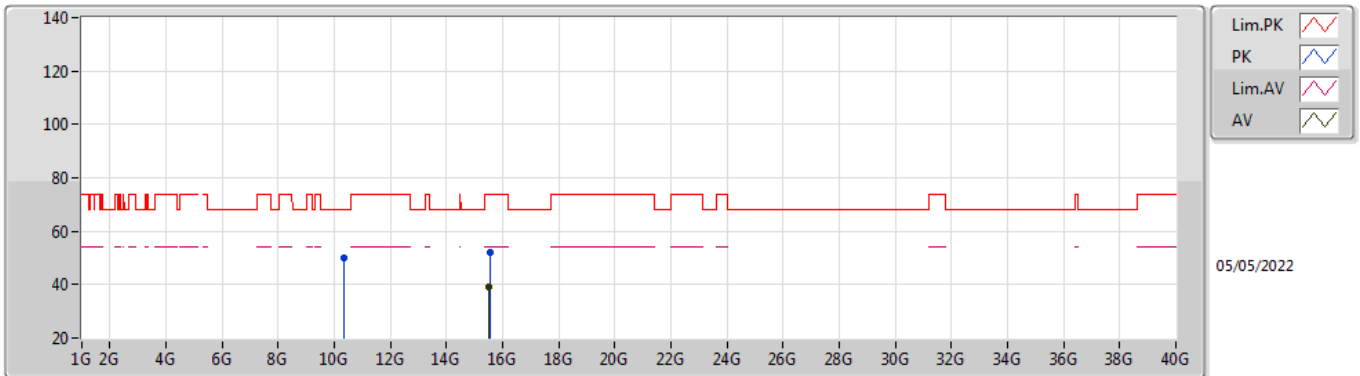


EUT X_4TX
Setting 94
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1358G	69.18	74.00	-4.82	62.52	3	Horizontal	356	1.92	-	33.57	5.24	32.15
AV	5.1486G	53.93	54.00	-0.07	47.23	3	Horizontal	356	1.92	-	33.60	5.25	32.15
PK	5.1718G	119.20	Inf	-Inf	112.44	3	Horizontal	356	1.92	-	33.64	5.27	32.15
AV	5.1708G	107.94	Inf	-Inf	101.18	3	Horizontal	356	1.92	-	33.64	5.27	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

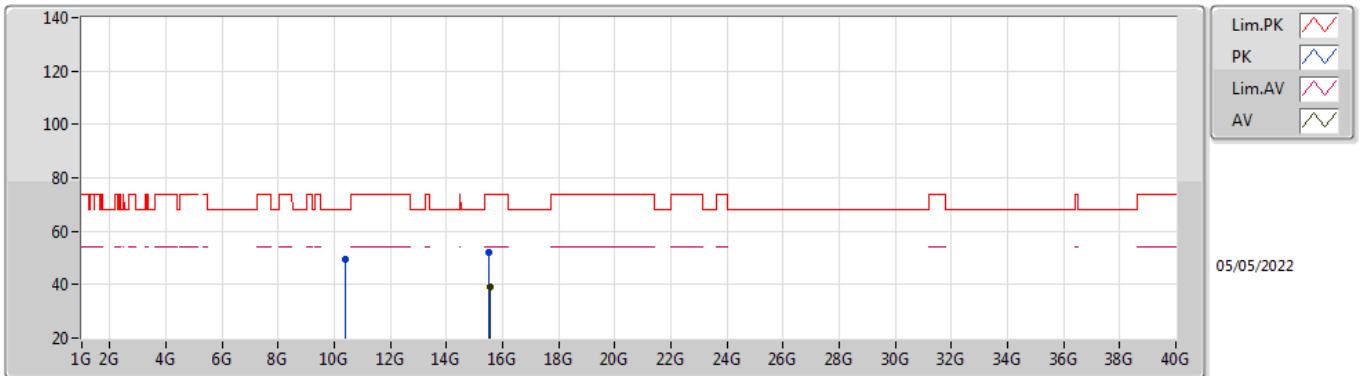


EUT X_4TX
Setting 94
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36834G	50.20	68.20	-18.00	37.08	3	Vertical	83	1.58	-	38.63	7.45	32.96
PK	15.5397G	52.11	74.00	-21.89	37.66	3	Vertical	186	2.46	-	37.86	9.79	33.20
AV	15.52578G	39.13	54.00	-14.87	24.57	3	Vertical	186	2.46	-	37.95	9.79	33.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

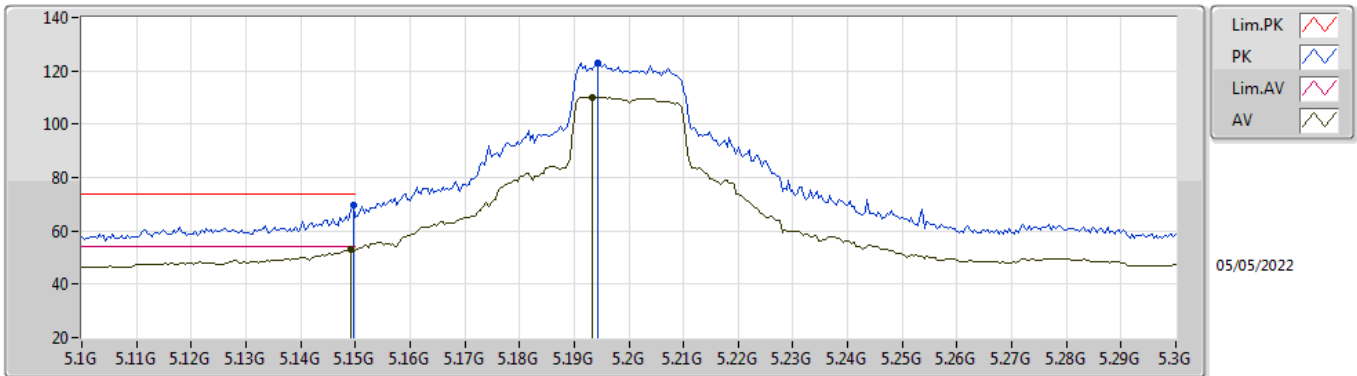


EUT X_4TX
Setting 94
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37026G	49.46	68.20	-18.74	36.34	3	Horizontal	240	1.28	-	38.63	7.45	32.96
PK	15.53196G	52.23	74.00	-21.77	37.72	3	Horizontal	228	1.74	-	37.91	9.79	33.19
AV	15.53814G	39.14	54.00	-14.86	24.68	3	Horizontal	228	1.74	-	37.87	9.79	33.20

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

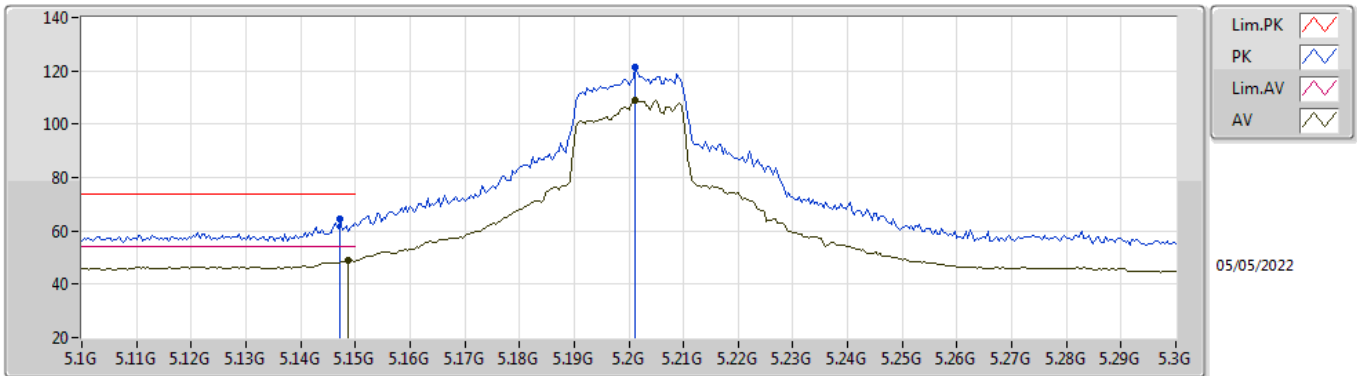


EUT_X_4TX
Setting 98
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	69.67	74.00	-4.33	62.97	3	Vertical	130	2.52	-	33.60	5.25	32.15
AV	5.1492G	52.85	54.00	-1.15	46.15	3	Vertical	130	2.52	-	33.60	5.25	32.15
PK	5.1944G	122.89	Inf	-Inf	116.06	3	Vertical	130	2.52	-	33.69	5.29	32.15
AV	5.1932G	110.25	Inf	-Inf	103.42	3	Vertical	130	2.52	-	33.69	5.29	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

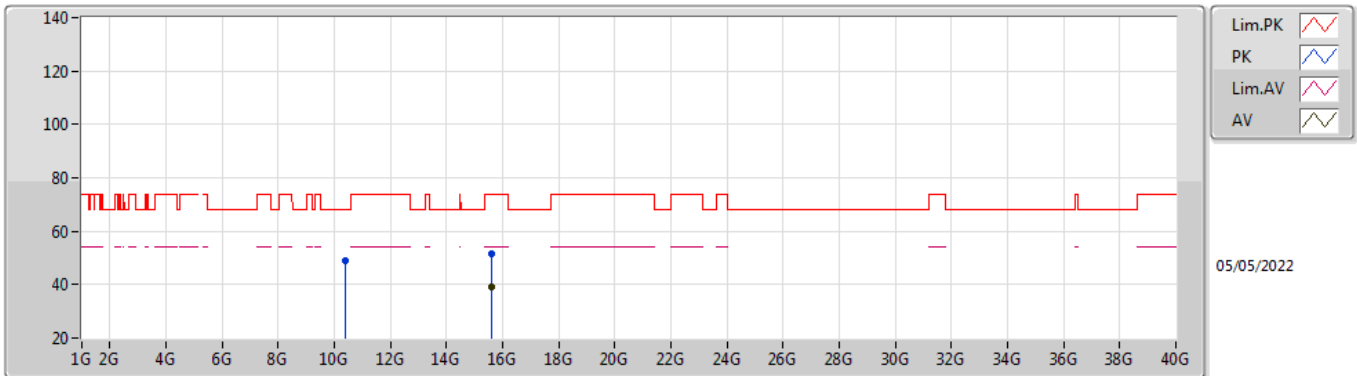


EUT X_4TX
Setting 98
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1472G	64.38	74.00	-9.62	57.69	3	Horizontal	193	2.75	-	33.59	5.25	32.15
AV	5.1488G	49.15	54.00	-4.85	42.45	3	Horizontal	193	2.75	-	33.60	5.25	32.15
PK	5.2012G	121.20	Inf	-Inf	114.35	3	Horizontal	193	2.75	-	33.70	5.30	32.15
AV	5.2012G	108.83	Inf	-Inf	101.98	3	Horizontal	193	2.75	-	33.70	5.30	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

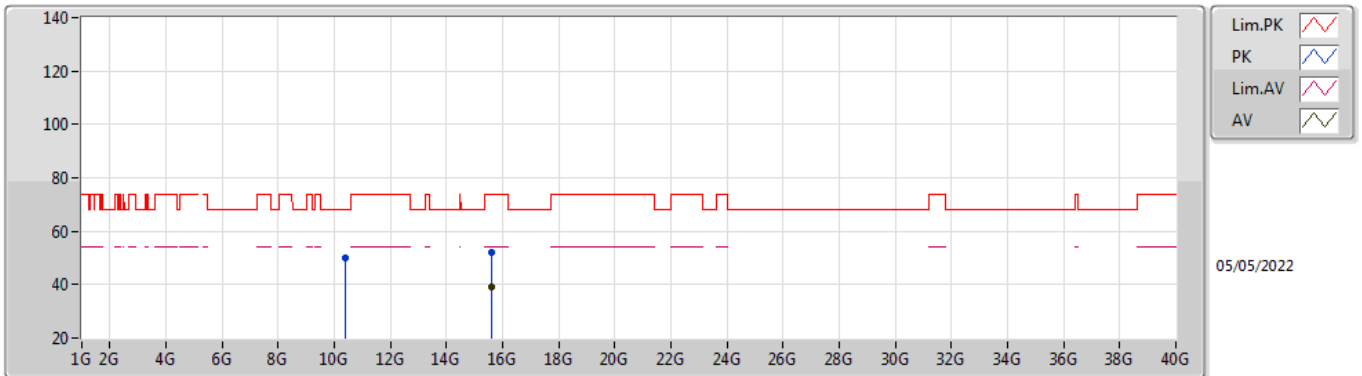


EUT X_4TX
Setting 98
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3946G	49.21	68.20	-18.99	36.12	3	Vertical	348	2.36	-	38.61	7.46	32.98
PK	15.60492G	51.30	74.00	-22.70	37.25	3	Vertical	328	1.85	-	37.50	9.82	33.27
AV	15.59646G	38.94	54.00	-15.06	24.86	3	Vertical	328	1.85	-	37.52	9.82	33.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

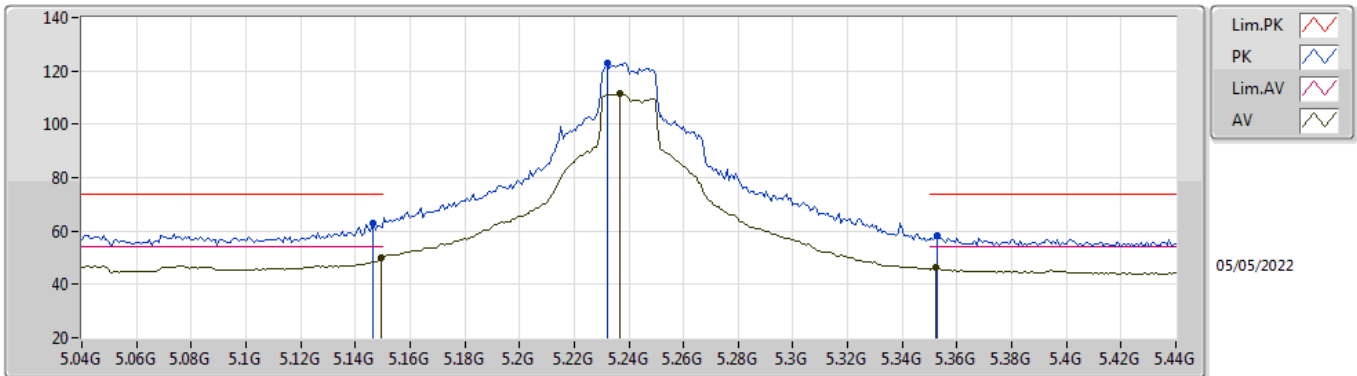


EUT X_4TX
Setting 98
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39232G	49.84	68.20	-18.36	36.75	3	Horizontal	58	1.48	-	38.61	7.46	32.98
PK	15.59088G	52.15	74.00	-21.85	38.04	3	Horizontal	349	1.88	-	37.55	9.82	33.26
AV	15.58872G	39.04	54.00	-14.96	24.91	3	Horizontal	349	1.88	-	37.57	9.81	33.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

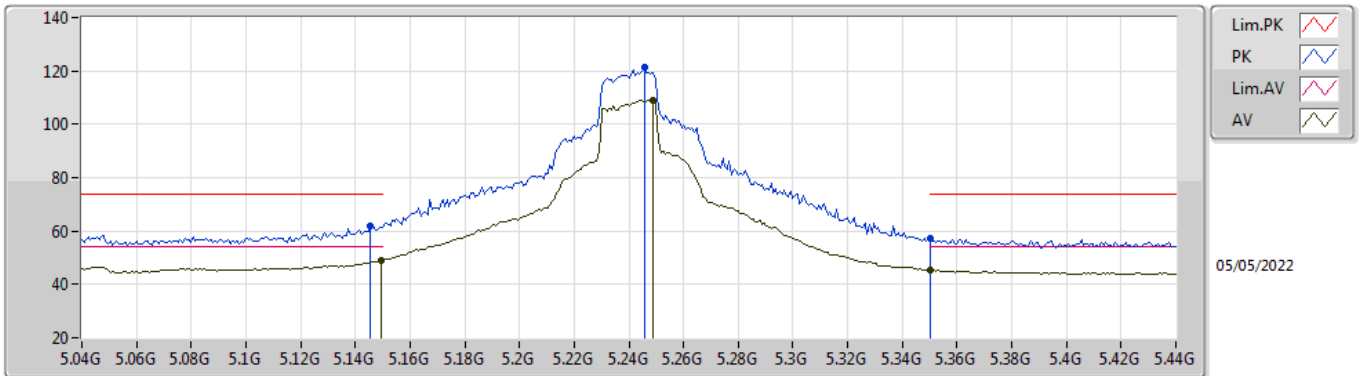


EUT_X_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1464G	63.02	74.00	-10.98	56.33	3	Vertical	52	2.40	-	33.59	5.25	32.15
AV	5.1496G	49.97	54.00	-4.03	43.27	3	Vertical	52	2.40	-	33.60	5.25	32.15
PK	5.232G	123.06	Inf	-Inf	116.19	3	Vertical	52	2.40	-	33.70	5.32	32.15
AV	5.2368G	111.48	Inf	-Inf	104.61	3	Vertical	52	2.40	-	33.70	5.32	32.15
PK	5.3528G	58.46	74.00	-15.54	51.31	3	Vertical	52	2.40	-	33.91	5.38	32.14
AV	5.352G	46.14	54.00	-7.86	39.00	3	Vertical	52	2.40	-	33.90	5.38	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

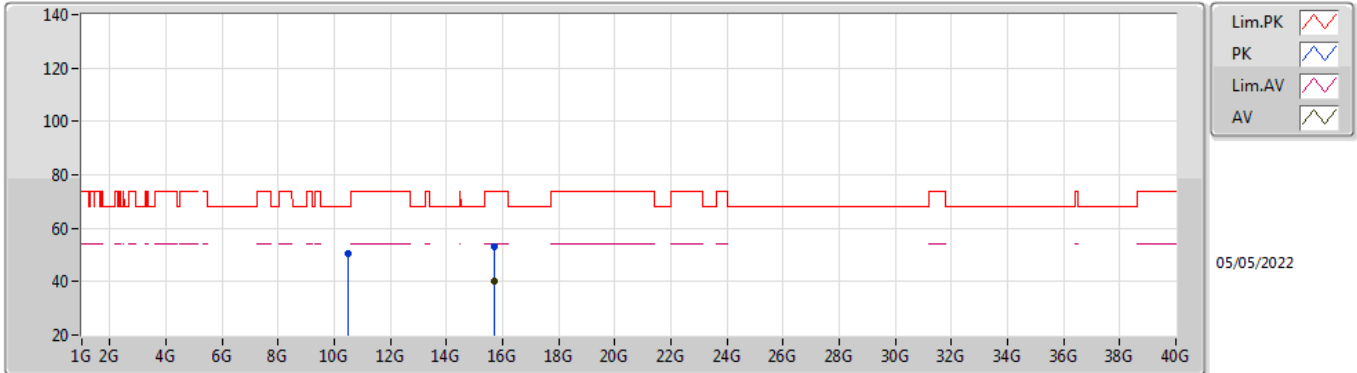


EUT_X_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1456G	62.04	74.00	-11.96	55.35	3	Horizontal	352	1.80	-	33.59	5.25	32.15
AV	5.1496G	48.80	54.00	-5.20	42.10	3	Horizontal	352	1.80	-	33.60	5.25	32.15
PK	5.2456G	121.46	Inf	-Inf	114.59	3	Horizontal	352	1.80	-	33.70	5.32	32.15
AV	5.2488G	108.79	Inf	-Inf	101.92	3	Horizontal	352	1.80	-	33.70	5.32	32.15
PK	5.35G	57.16	74.00	-16.84	50.02	3	Horizontal	352	1.80	-	33.90	5.38	32.14
AV	5.3504G	45.36	54.00	-8.64	38.22	3	Horizontal	352	1.80	-	33.90	5.38	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

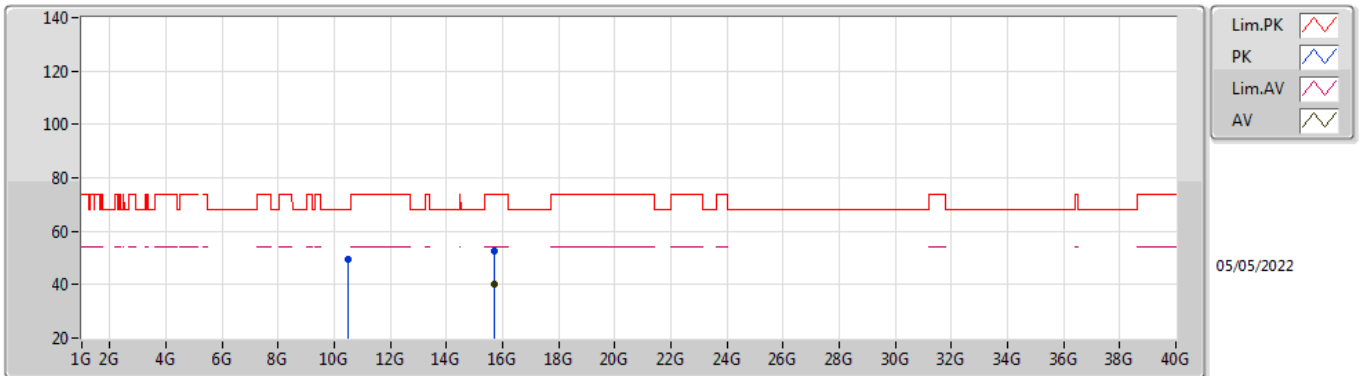


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47754G	50.73	68.20	-17.47	37.68	3	Vertical	131	2.12	-	38.60	7.49	33.04
PK	15.70986G	52.86	74.00	-21.14	38.89	3	Vertical	303	2.48	-	37.50	9.87	33.40
AV	15.71784G	40.13	54.00	-13.87	26.17	3	Vertical	303	2.48	-	37.50	9.87	33.41

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

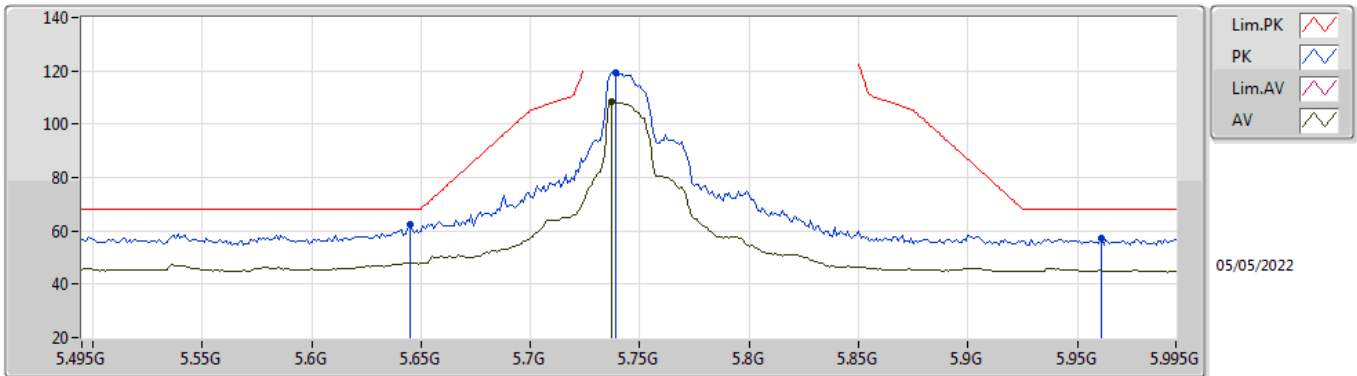


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47238G	49.34	68.20	-18.86	36.28	3	Horizontal	83	1.84	-	38.60	7.49	33.03
PK	15.72084G	52.79	74.00	-21.21	38.83	3	Horizontal	240	1.44	-	37.50	9.87	33.41
AV	15.72276G	40.09	54.00	-13.91	26.12	3	Horizontal	240	1.44	-	37.50	9.88	33.41

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

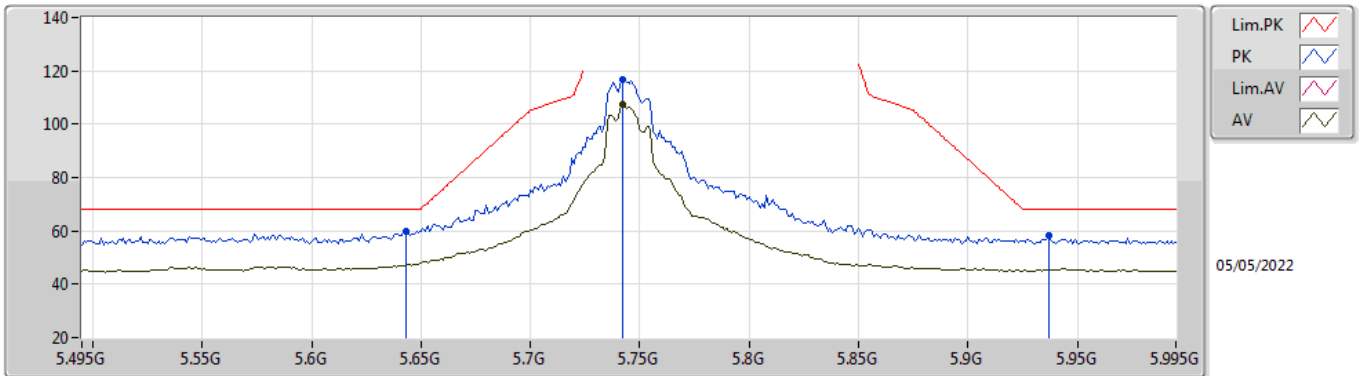


EUT Y_4TX
Setting 105
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.645G	62.58	68.20	-5.62	55.31	3	Vertical	240.8	2.90	-	33.81	5.60	32.14
PK	5.739G	119.50	Inf	-Inf	112.22	3	Vertical	240.8	2.90	-	33.82	5.60	32.14
AV	5.737G	108.26	Inf	-Inf	100.97	3	Vertical	240.8	2.90	-	33.83	5.60	32.14
PK	5.961G	57.12	68.20	-11.08	49.32	3	Vertical	240.8	2.90	-	34.20	5.76	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

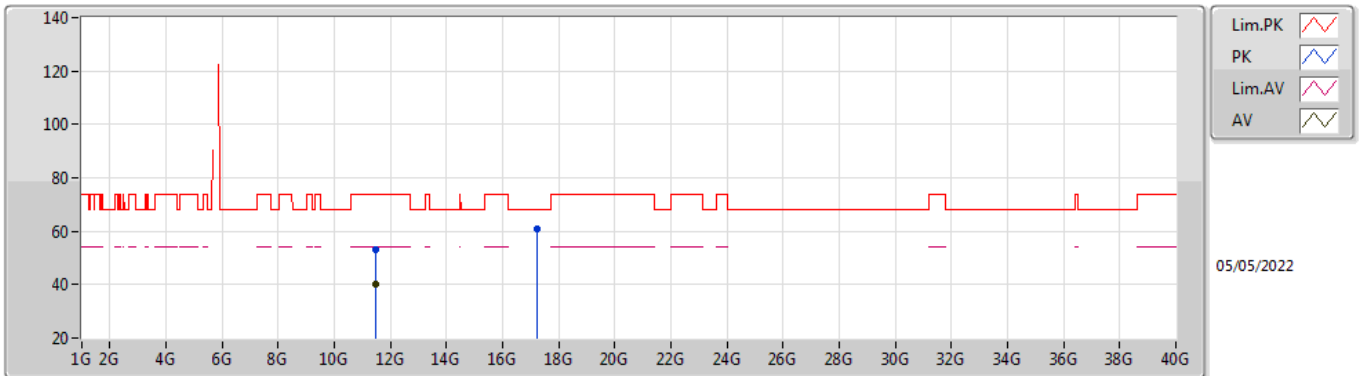


EUT Y_4TX
Setting 105
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.643G	60.03	68.20	-8.17	52.76	3	Horizontal	23	2.51	-	33.81	5.60	32.14
PK	5.742G	116.89	Inf	-Inf	109.61	3	Horizontal	23	2.51	-	33.82	5.60	32.14
AV	5.742G	107.32	Inf	-Inf	100.04	3	Horizontal	23	2.51	-	33.82	5.60	32.14
PK	5.937G	58.36	68.20	-9.84	50.61	3	Horizontal	23	2.51	-	34.17	5.74	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

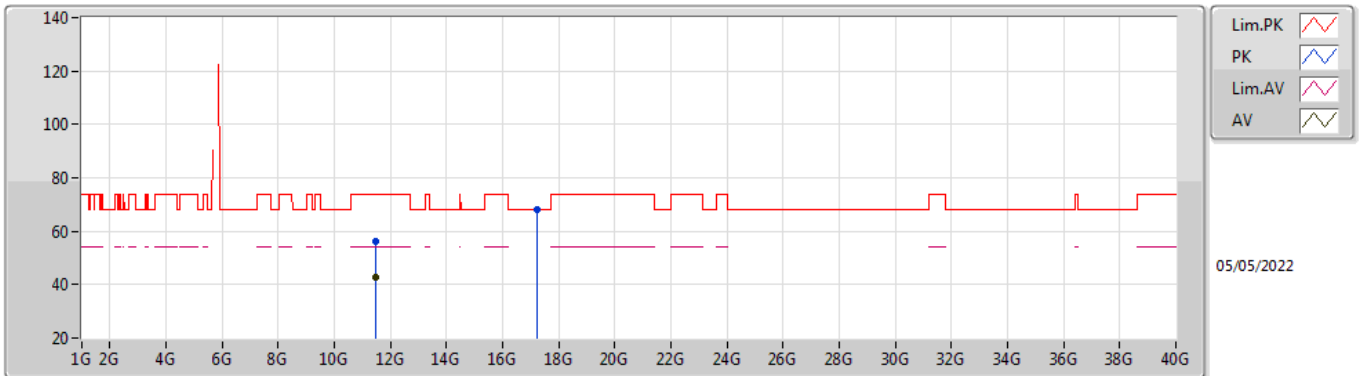


EUT X_4TX
Setting 105
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49672G	53.34	74.00	-20.66	39.67	3	Vertical	67	1.91	-	38.99	7.90	33.22
AV	11.4993G	40.25	54.00	-13.75	26.57	3	Vertical	67	1.91	-	39.00	7.90	33.22
PK	17.24634G	60.82	68.20	-7.38	41.23	3	Vertical	144	1.08	-	42.23	10.62	33.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

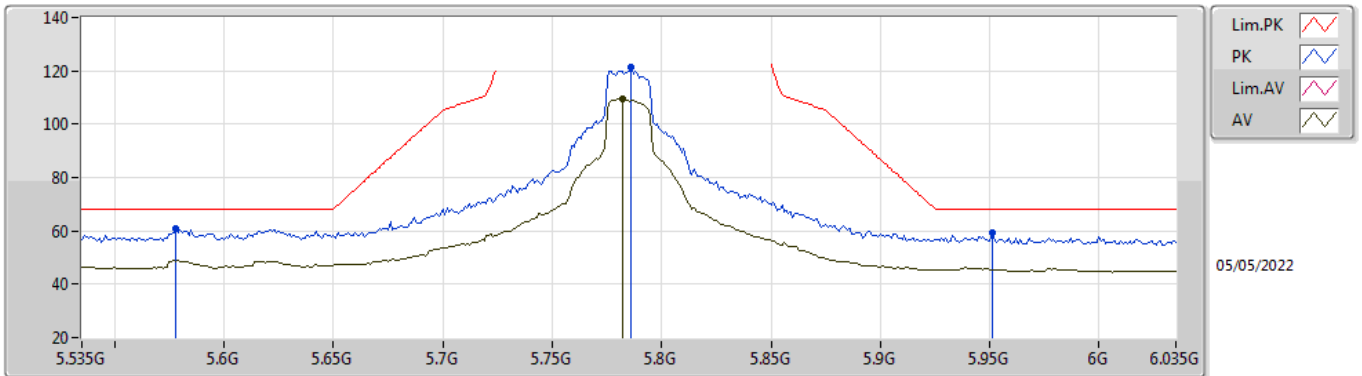


EUT X_4TX
Setting 105
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49432G	56.03	74.00	-17.97	42.36	3	Horizontal	336.3	1.80	-	38.99	7.90	33.22
AV	11.49558G	42.80	54.00	-11.20	29.13	3	Horizontal	336.3	1.80	-	38.99	7.90	33.22
PK	17.24022G	68.14	68.20	-0.06	48.59	3	Horizontal	39	2.80	-	42.20	10.62	33.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

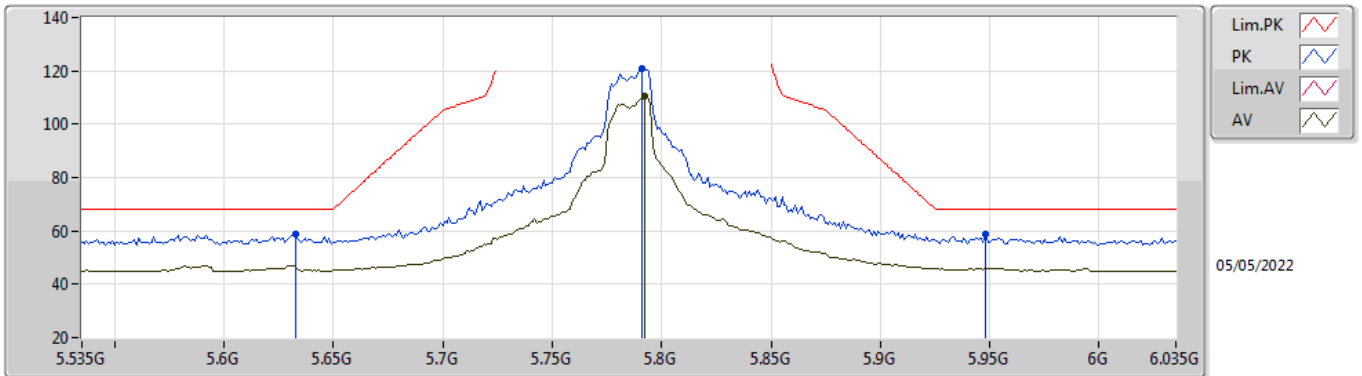


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.578G	60.84	68.20	-7.36	53.45	3	Vertical	8	1.78	-	33.94	5.58	32.13
PK	5.786G	121.39	Inf	-Inf	114.14	3	Vertical	8	1.78	-	33.80	5.60	32.15
AV	5.782G	109.38	Inf	-Inf	102.13	3	Vertical	8	1.78	-	33.80	5.60	32.15
PK	5.951G	59.31	68.20	-8.89	51.52	3	Vertical	8	1.78	-	34.20	5.75	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

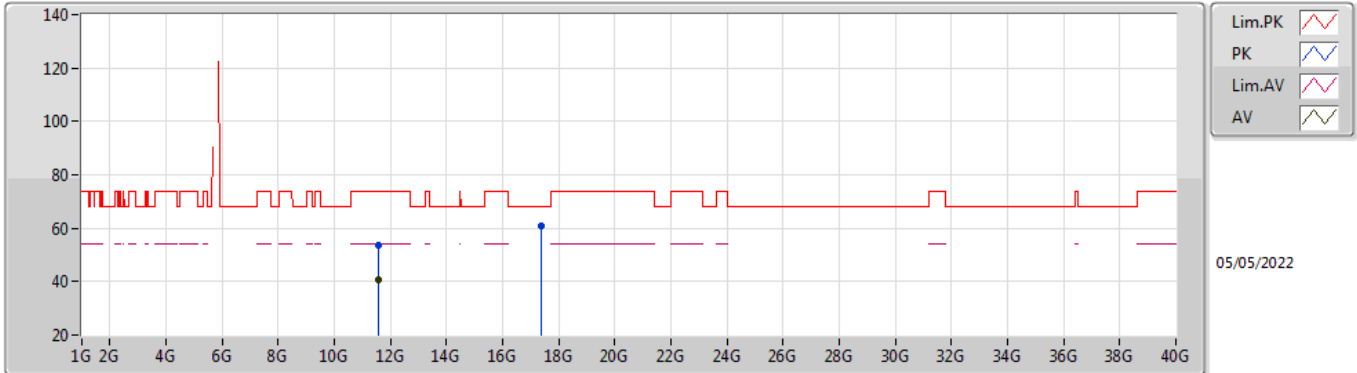


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.633G	58.71	68.20	-9.49	51.42	3	Horizontal	25	2.10	-	33.83	5.60	32.14
PK	5.791G	120.98	Inf	-Inf	113.73	3	Horizontal	25	2.10	-	33.80	5.60	32.15
AV	5.792G	110.31	Inf	-Inf	103.06	3	Horizontal	25	2.10	-	33.80	5.60	32.15
PK	5.948G	58.76	68.20	-9.44	50.97	3	Horizontal	25	2.10	-	34.20	5.75	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

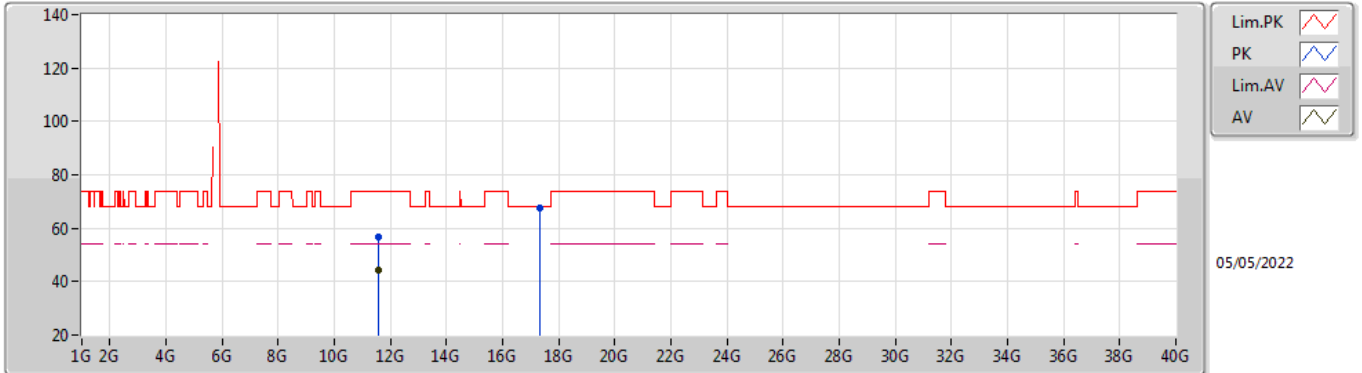


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57156G	53.48	74.00	-20.52	39.58	3	Vertical	301	2.29	-	39.21	7.93	33.24
AV	11.57186G	40.53	54.00	-13.47	26.62	3	Vertical	301	2.29	-	39.22	7.93	33.24
PK	17.358G	60.86	68.20	-7.34	40.46	3	Vertical	43	1.83	-	42.85	10.68	33.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

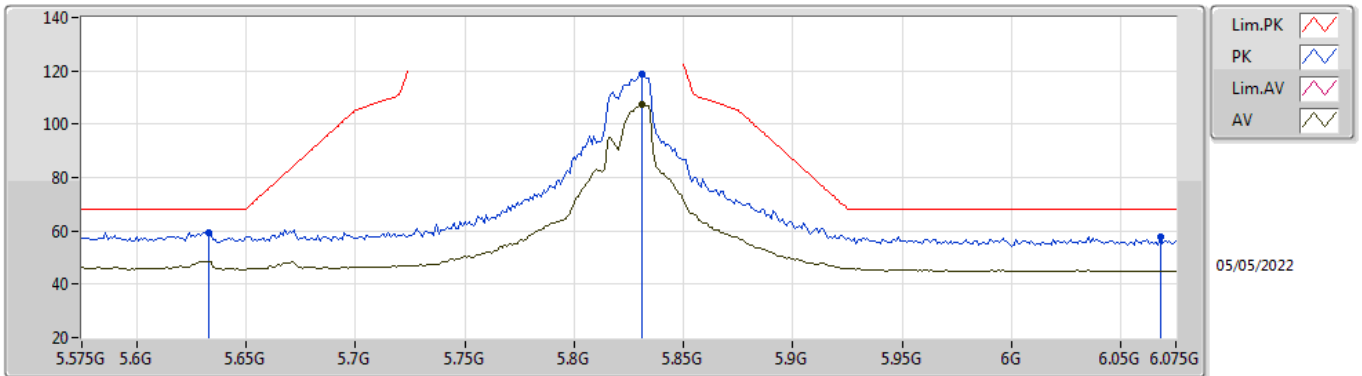


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57168G	56.48	74.00	-17.52	42.57	3	Horizontal	342	1.00	-	39.22	7.93	33.24
AV	11.57114G	44.08	54.00	-9.92	30.18	3	Horizontal	342	1.00	-	39.21	7.93	33.24
PK	17.34912G	67.50	68.20	-0.70	47.18	3	Horizontal	28	1.63	-	42.79	10.67	33.14

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

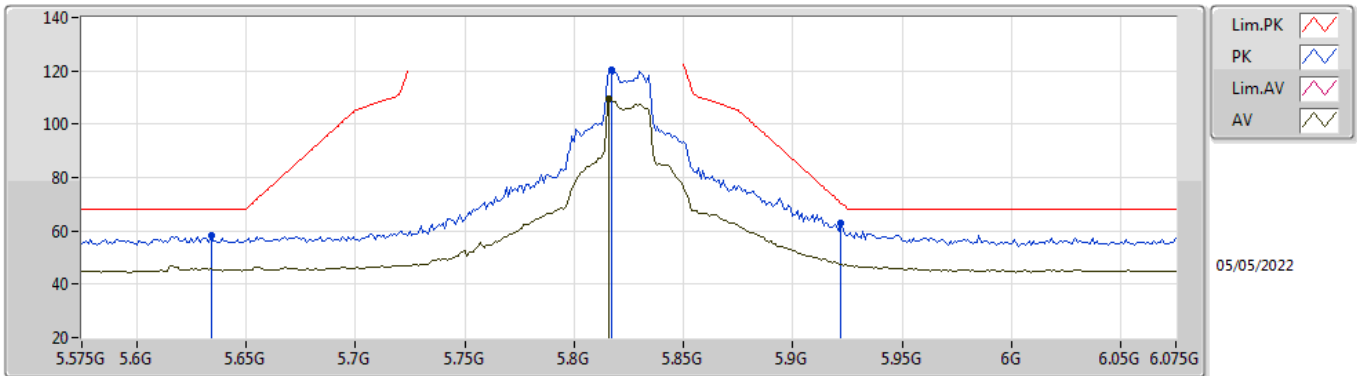


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.633G	59.46	68.20	-8.74	52.17	3	Vertical	31	1.83	-	33.83	5.60	32.14
PK	5.831G	118.55	Inf	-Inf	111.27	3	Vertical	31	1.83	-	33.80	5.63	32.15
AV	5.831G	107.39	Inf	-Inf	100.11	3	Vertical	31	1.83	-	33.80	5.63	32.15
PK	6.068G	57.93	68.20	-10.27	49.95	3	Vertical	31	1.83	-	34.34	5.80	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

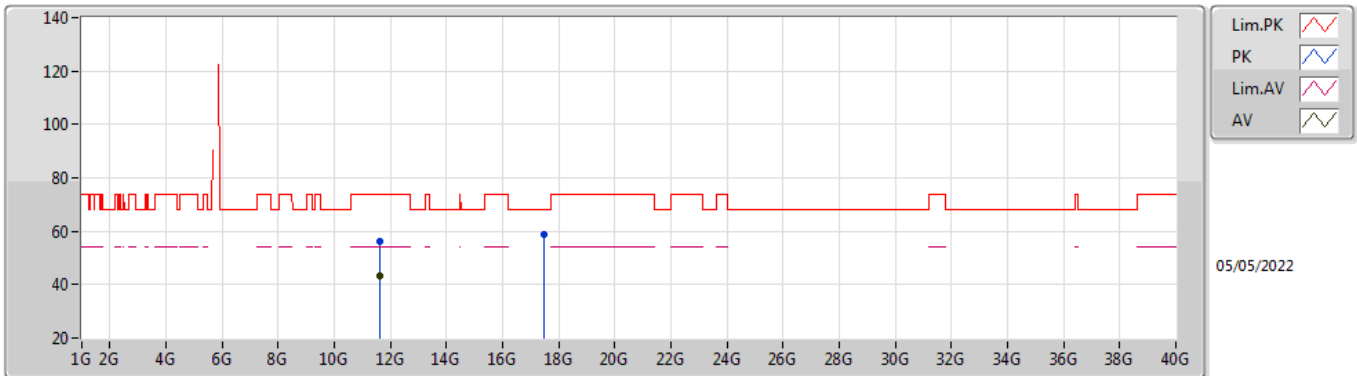


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.634G	58.15	68.20	-10.05	50.86	3	Horizontal	7	1.81	-	33.83	5.60	32.14
PK	5.817G	120.11	Inf	-Inf	112.84	3	Horizontal	7	1.81	-	33.80	5.62	32.15
AV	5.816G	109.42	Inf	-Inf	102.15	3	Horizontal	7	1.81	-	33.80	5.62	32.15
PK	5.922G	62.87	70.42	-7.55	55.17	3	Horizontal	7	1.81	-	34.14	5.72	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

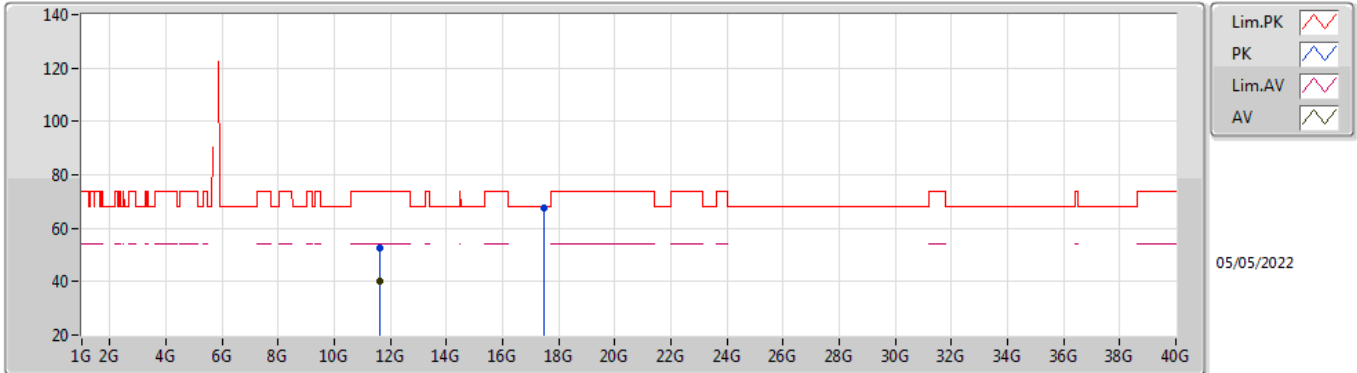


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6383G	56.27	74.00	-17.73	42.19	3	Vertical	220	2.40	-	39.38	7.96	33.26
AV	11.64028G	43.42	54.00	-10.58	29.34	3	Vertical	220	2.40	-	39.38	7.96	33.26
PK	17.47314G	58.78	68.20	-9.42	37.35	3	Vertical	245	1.71	-	43.69	10.74	33.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

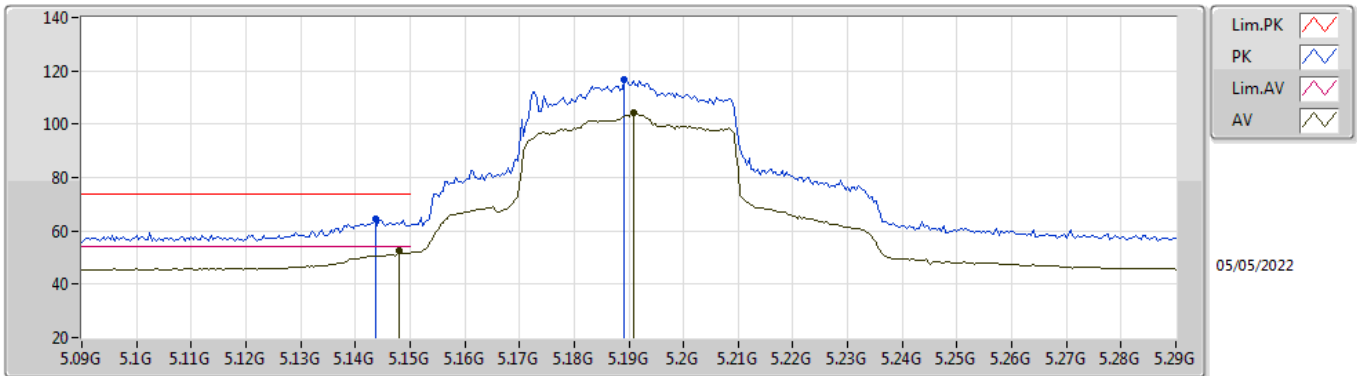


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.63734G	52.44	74.00	-21.56	38.38	3	Horizontal	110	1.21	-	39.37	7.95	33.26
AV	11.63746G	40.21	54.00	-13.79	26.15	3	Horizontal	110	1.21	-	39.37	7.95	33.26
PK	17.46246G	67.51	68.20	-0.69	46.19	3	Horizontal	46	2.76	-	43.60	10.73	33.01

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

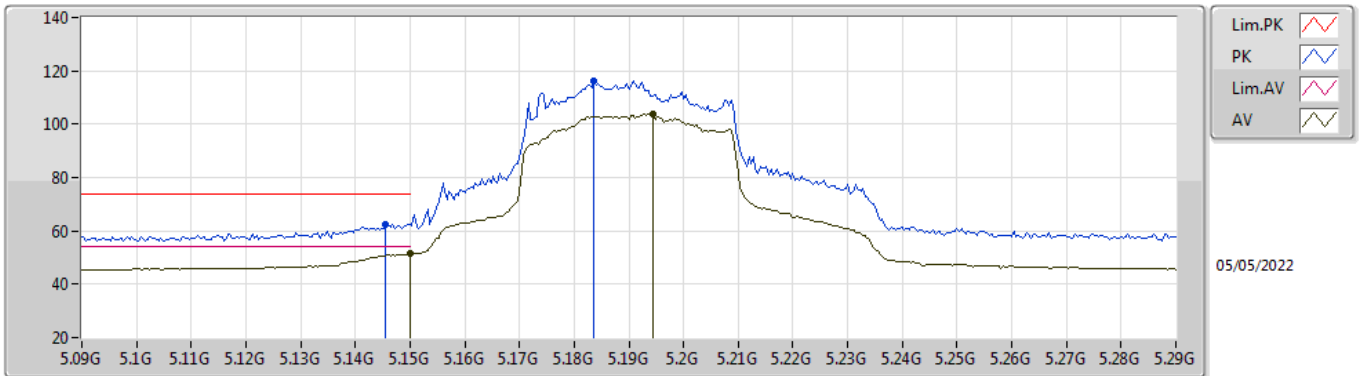


EUT X_4TX
Setting 84
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1436G	64.70	74.00	-9.30	58.02	3	Vertical	161	2.28	-	33.59	5.24	32.15
AV	5.148G	52.34	54.00	-1.66	45.64	3	Vertical	161	2.28	-	33.60	5.25	32.15
PK	5.1892G	116.59	Inf	-Inf	109.77	3	Vertical	161	2.28	-	33.68	5.29	32.15
AV	5.1908G	104.36	Inf	-Inf	97.54	3	Vertical	161	2.28	-	33.68	5.29	32.15

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

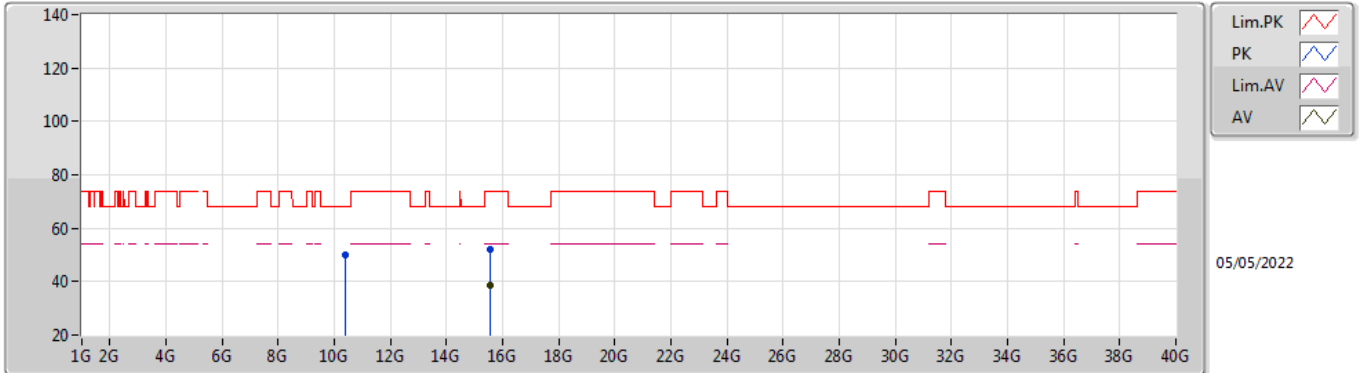


EUT X_4TX
Setting 84
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1456G	62.66	74.00	-11.34	55.97	3	Horizontal	162	2.25	-	33.59	5.25	32.15
AV	5.15G	51.37	54.00	-2.63	44.67	3	Horizontal	162	2.25	-	33.60	5.25	32.15
PK	5.1836G	116.39	Inf	-Inf	109.59	3	Horizontal	162	2.25	-	33.67	5.28	32.15
AV	5.1944G	103.63	Inf	-Inf	96.80	3	Horizontal	162	2.25	-	33.69	5.29	32.15

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

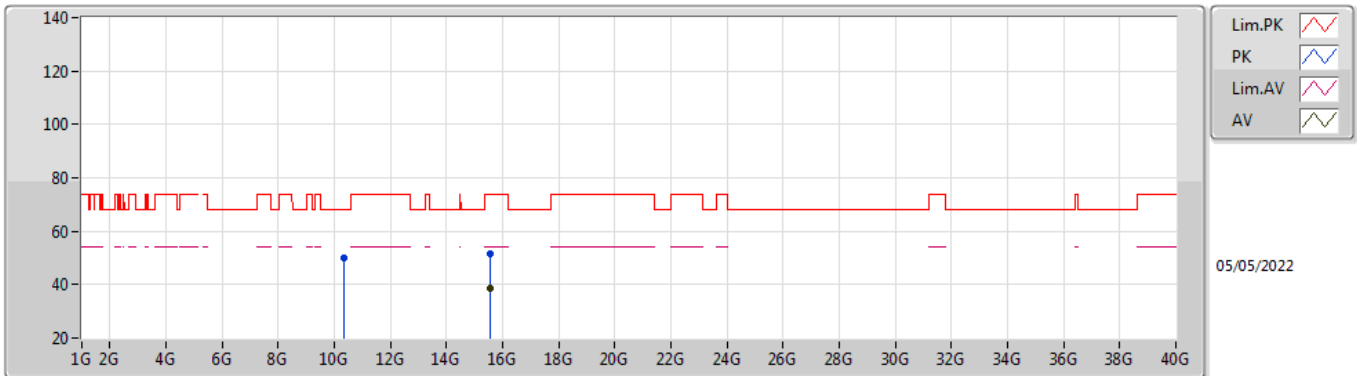


EUT X_4TX
Setting 84
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37322G	49.82	68.20	-18.38	36.71	3	Vertical	357	2.94	-	38.63	7.45	32.97
PK	15.55716G	51.96	74.00	-22.04	37.62	3	Vertical	300	1.67	-	37.76	9.80	33.22
AV	15.55812G	38.38	54.00	-15.62	24.05	3	Vertical	300	1.67	-	37.75	9.80	33.22

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

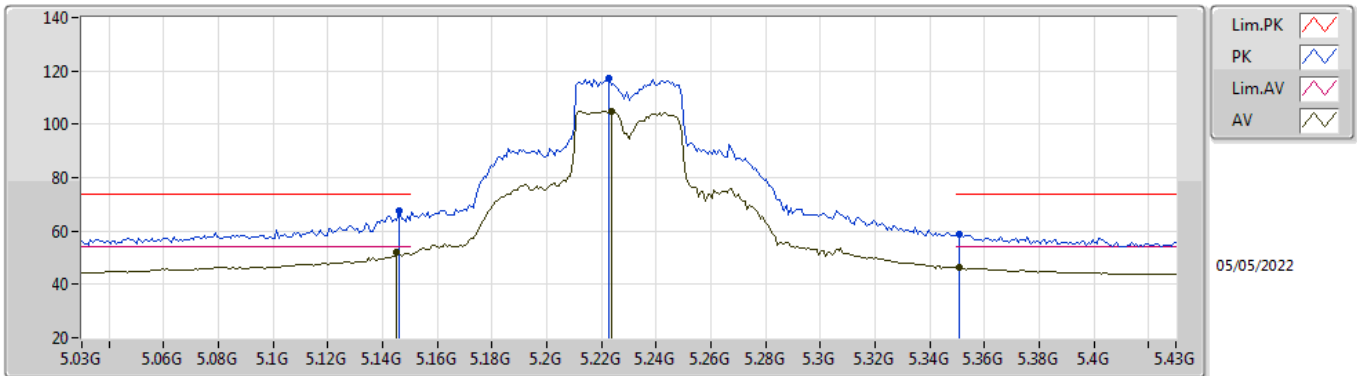


EUT X_4TX
Setting 84
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36812G	50.04	68.20	-18.16	36.92	3	Horizontal	330	1.03	-	38.63	7.45	32.96
PK	15.5682G	51.73	74.00	-22.27	37.46	3	Horizontal	189	2.54	-	37.69	9.81	33.23
AV	15.55506G	38.37	54.00	-15.63	24.01	3	Horizontal	189	2.54	-	37.77	9.80	33.21

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

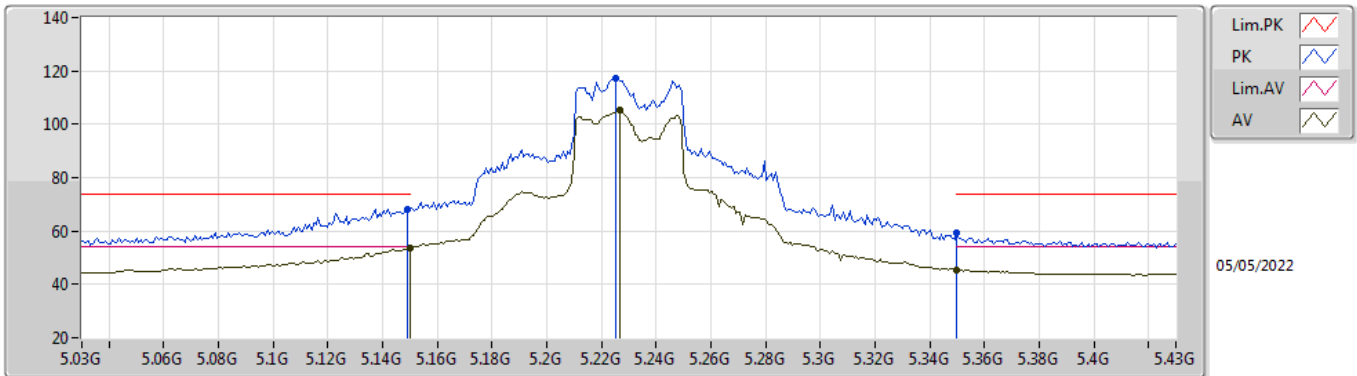


EUT_X_4TX
Setting 98
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	67.64	74.00	-6.36	60.95	3	Vertical	64	1.40	-	33.59	5.25	32.15
AV	5.1452G	52.01	54.00	-1.99	45.32	3	Vertical	64	1.40	-	33.59	5.25	32.15
PK	5.228G	117.14	Inf	-Inf	110.28	3	Vertical	64	1.40	-	33.70	5.31	32.15
AV	5.2236G	105.08	Inf	-Inf	98.22	3	Vertical	64	1.40	-	33.70	5.31	32.15
PK	5.3508G	58.54	74.00	-15.46	51.40	3	Vertical	64	1.40	-	33.90	5.38	32.14
AV	5.3508G	46.40	54.00	-7.60	39.26	3	Vertical	64	1.40	-	33.90	5.38	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

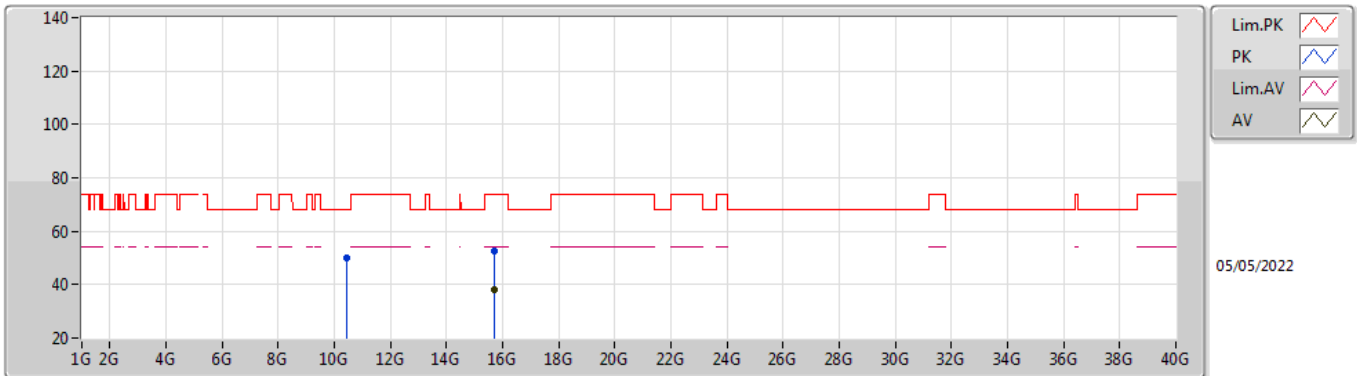


EUT_X_4TX
Setting 98
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1492G	68.35	74.00	-5.65	61.65	3	Horizontal	353	1.60	-	33.60	5.25	32.15
AV	5.15G	53.52	54.00	-0.48	46.82	3	Horizontal	353	1.60	-	33.60	5.25	32.15
PK	5.2252G	117.21	Inf	-Inf	110.35	3	Horizontal	353	1.60	-	33.70	5.31	32.15
AV	5.2268G	105.55	Inf	-Inf	98.69	3	Horizontal	353	1.60	-	33.70	5.31	32.15
PK	5.35G	59.17	74.00	-14.83	52.03	3	Horizontal	353	1.60	-	33.90	5.38	32.14
AV	5.35G	45.36	54.00	-8.64	38.22	3	Horizontal	353	1.60	-	33.90	5.38	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

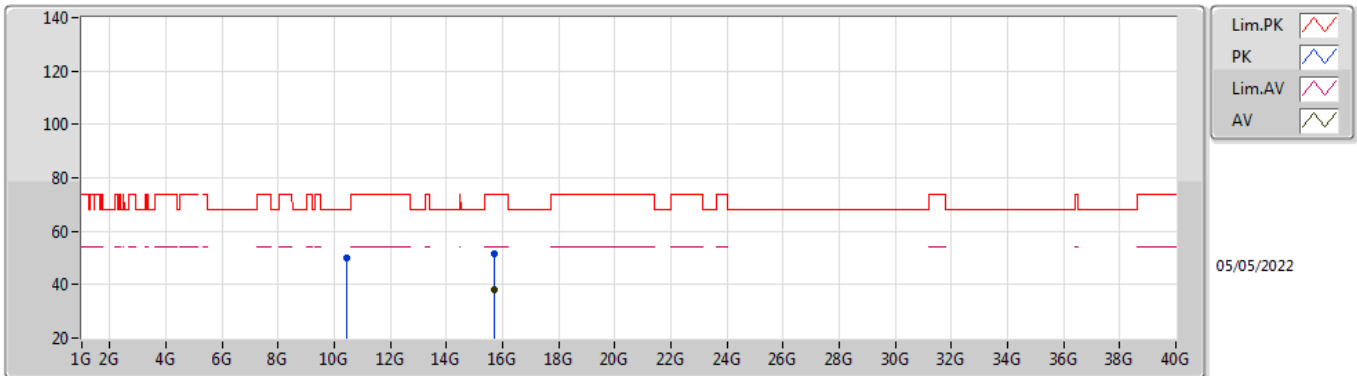


EUT X_4TX
Setting 98
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4576G	50.10	68.20	-18.10	37.04	3	Vertical	117	1.94	-	38.60	7.48	33.02
PK	15.70362G	52.38	74.00	-21.62	38.40	3	Vertical	15	1.38	-	37.50	9.87	33.39
AV	15.68178G	38.13	54.00	-15.87	24.13	3	Vertical	15	1.38	-	37.50	9.86	33.36

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

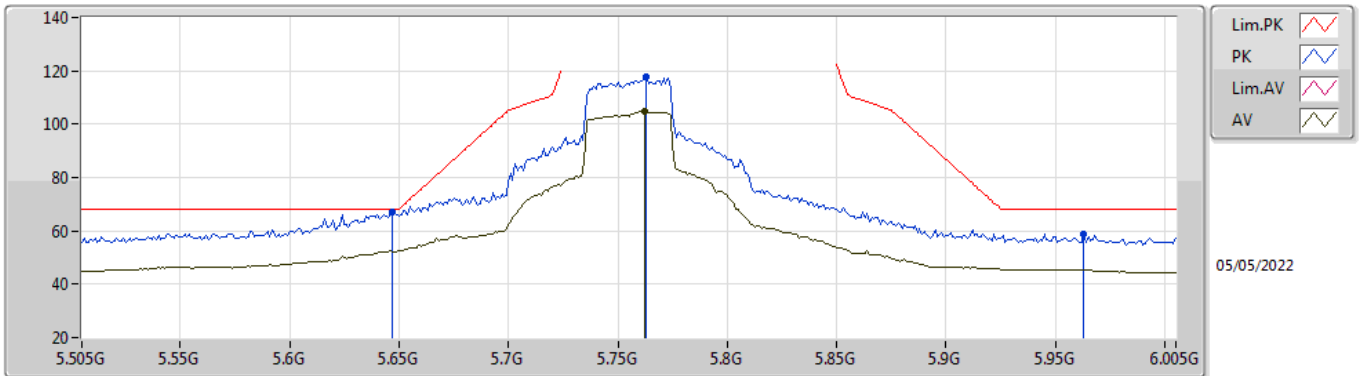


EUT X_4TX
Setting 98
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.46024G	50.19	68.20	-18.01	37.13	3	Horizontal	333	2.43	-	38.60	7.48	33.02
PK	15.69918G	51.80	74.00	-22.20	37.83	3	Horizontal	208	2.24	-	37.50	9.86	33.39
AV	15.68664G	38.08	54.00	-15.92	24.09	3	Horizontal	208	2.24	-	37.50	9.86	33.37

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

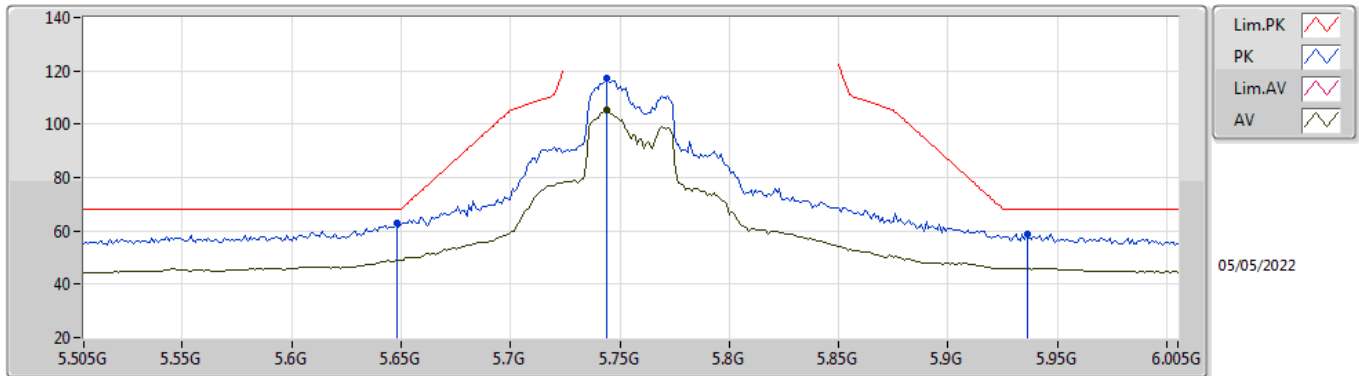


EUT Y_4TX
Setting 103
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	67.26	68.20	-0.94	59.99	3	Vertical	-0	1.80	-	33.81	5.60	32.14
PK	5.763G	117.66	Inf	-Inf	110.41	3	Vertical	-0	1.80	-	33.80	5.60	32.15
AV	5.762G	104.85	Inf	-Inf	97.60	3	Vertical	-0	1.80	-	33.80	5.60	32.15
PK	5.963G	58.65	68.20	-9.55	50.85	3	Vertical	-0	1.80	-	34.20	5.76	32.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

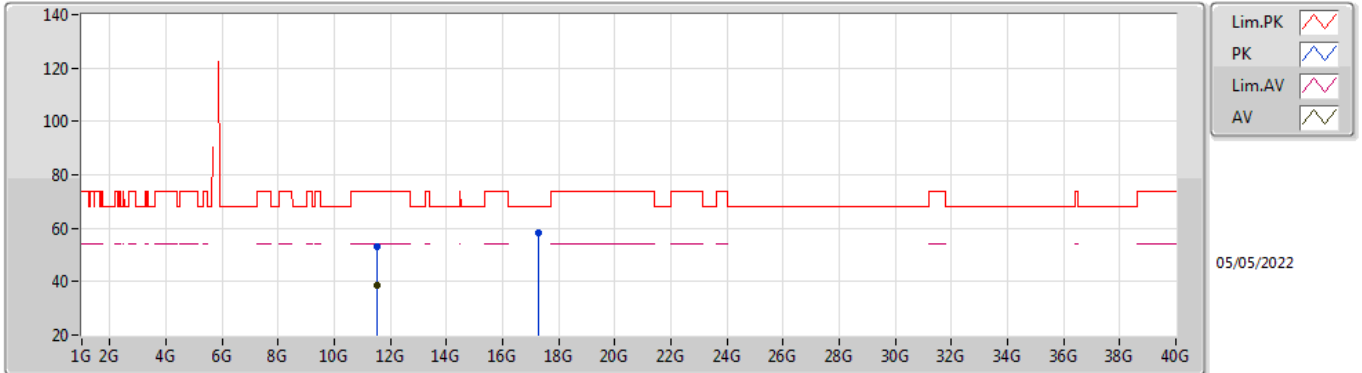


EUT Y_4TX
Setting 103
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	63.10	68.20	-5.10	55.84	3	Horizontal	25	1.46	-	33.80	5.60	32.14
PK	5.744G	117.02	Inf	-Inf	109.75	3	Horizontal	25	1.46	-	33.81	5.60	32.14
AV	5.744G	105.48	Inf	-Inf	98.21	3	Horizontal	25	1.46	-	33.81	5.60	32.14
PK	5.936G	58.91	68.20	-9.29	51.16	3	Horizontal	25	1.46	-	34.17	5.74	32.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

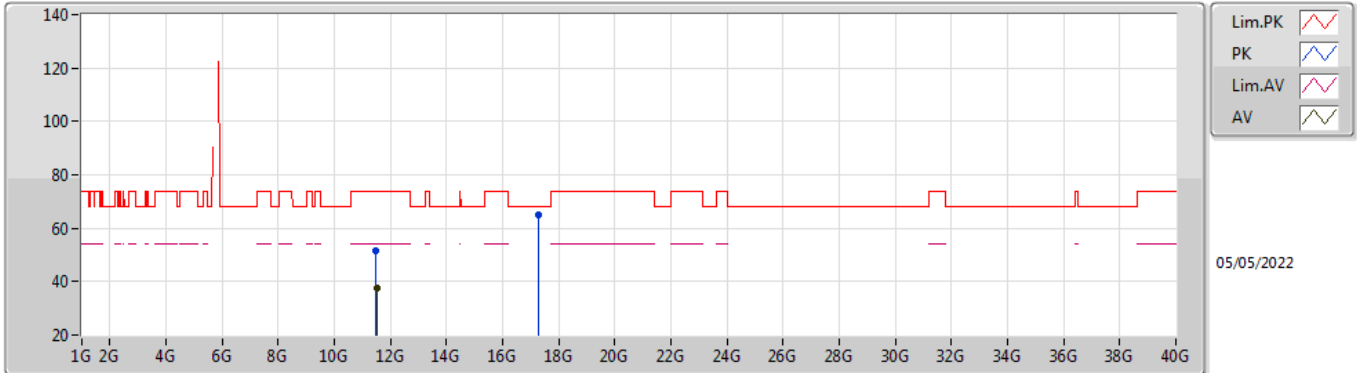


EUT X_4TX
Setting 103
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50478G	53.19	74.00	-20.81	39.50	3	Vertical	310	2.70	-	39.01	7.90	33.22
AV	11.51642G	38.50	54.00	-15.50	24.76	3	Vertical	310	2.70	-	39.05	7.91	33.22
PK	17.27934G	58.09	68.20	-10.11	38.27	3	Vertical	331	2.84	-	42.40	10.64	33.22

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

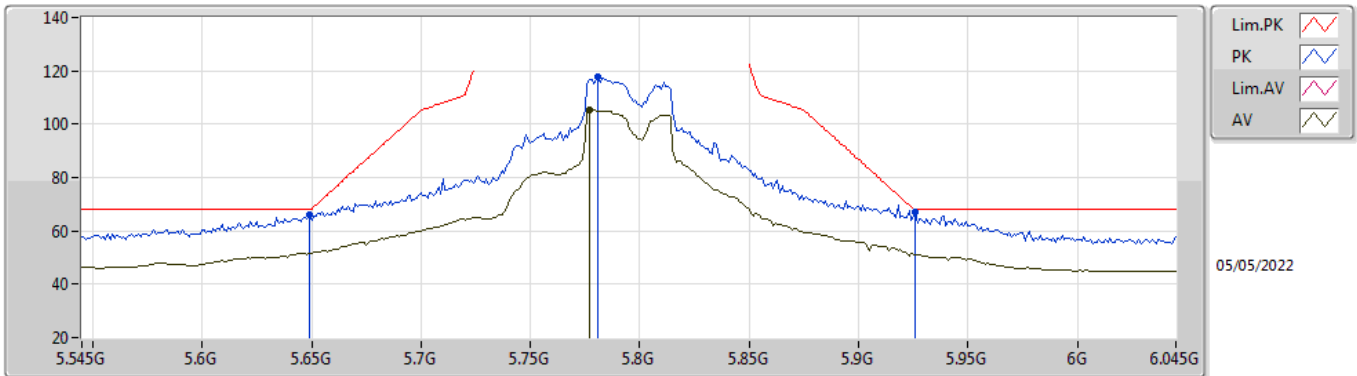


EUT X_4TX
Setting 103
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49542G	51.74	74.00	-22.26	38.07	3	Horizontal	265	2.66	-	38.99	7.90	33.22
AV	11.525G	37.64	54.00	-16.36	23.88	3	Horizontal	265	2.66	-	39.08	7.91	33.23
PK	17.26296G	64.96	68.20	-3.24	45.26	3	Horizontal	37	2.72	-	42.31	10.63	33.24

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

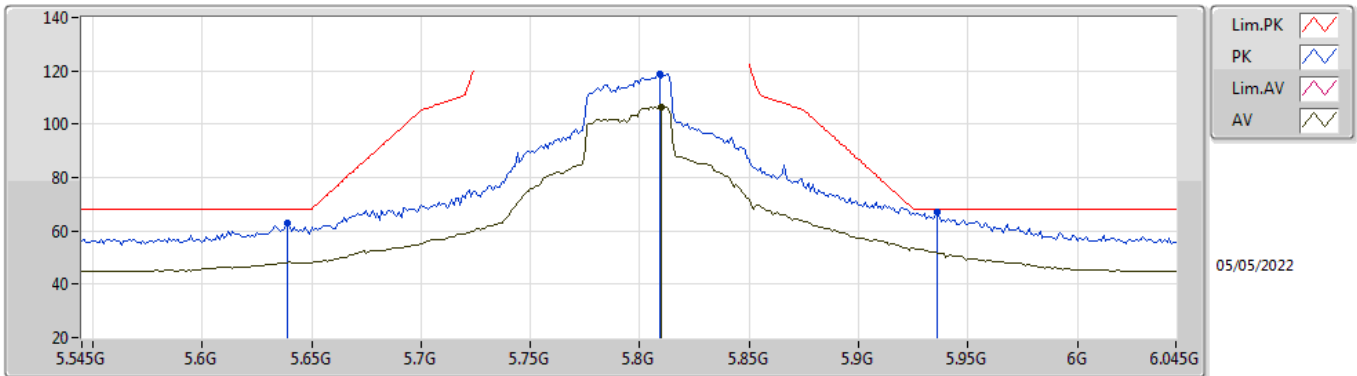


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	66.26	68.20	-1.94	59.00	3	Vertical	6	1.91	-	33.80	5.60	32.14
PK	5.781G	117.61	Inf	-Inf	110.36	3	Vertical	6	1.91	-	33.80	5.60	32.15
AV	5.777G	105.40	Inf	-Inf	98.15	3	Vertical	6	1.91	-	33.80	5.60	32.15
PK	5.926G	67.12	68.20	-1.08	59.40	3	Vertical	6	1.91	-	34.15	5.73	32.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

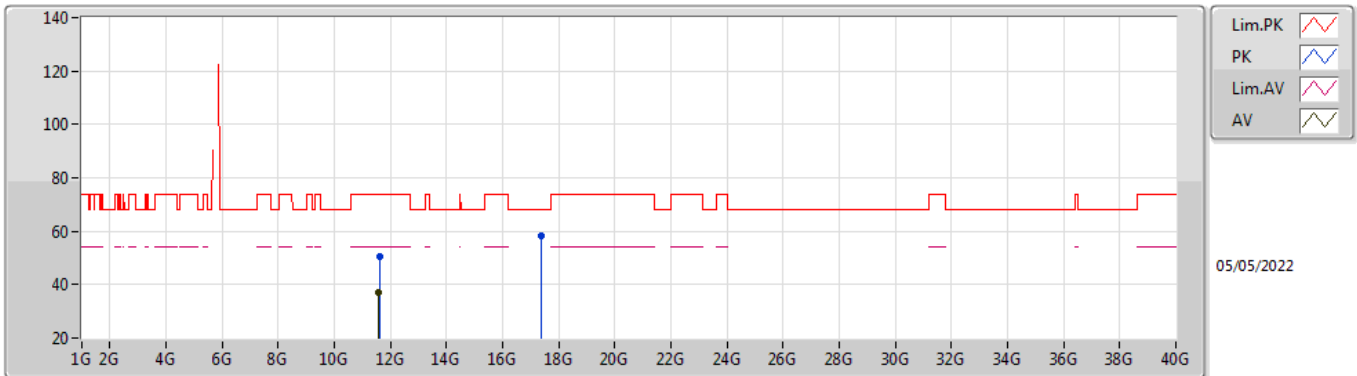


EUT Y_4TX
Setting 108
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.639G	62.71	68.20	-5.49	55.43	3	Horizontal	13	1.80	-	33.82	5.60	32.14
PK	5.809G	118.75	Inf	-Inf	111.49	3	Horizontal	13	1.80	-	33.80	5.61	32.15
AV	5.81G	106.49	Inf	-Inf	99.23	3	Horizontal	13	1.80	-	33.80	5.61	32.15
PK	5.936G	67.11	68.20	-1.09	59.36	3	Horizontal	13	1.80	-	34.17	5.74	32.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

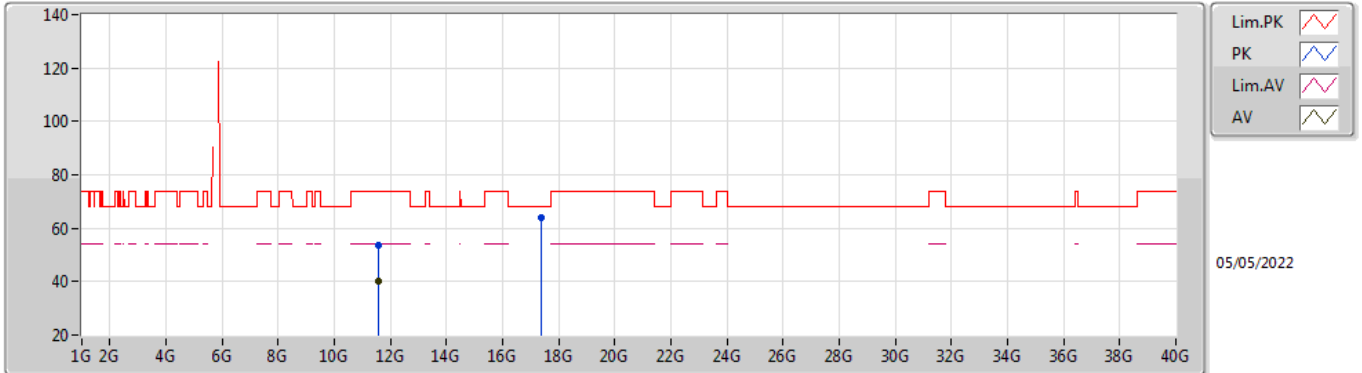


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.60488G	50.55	74.00	-23.45	36.55	3	Vertical	252	1.95	-	39.31	7.94	33.25
AV	11.58532G	37.21	54.00	-16.79	23.26	3	Vertical	252	1.95	-	39.26	7.93	33.24
PK	17.37804G	58.49	68.20	-9.71	37.94	3	Vertical	143	1.20	-	42.97	10.69	33.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

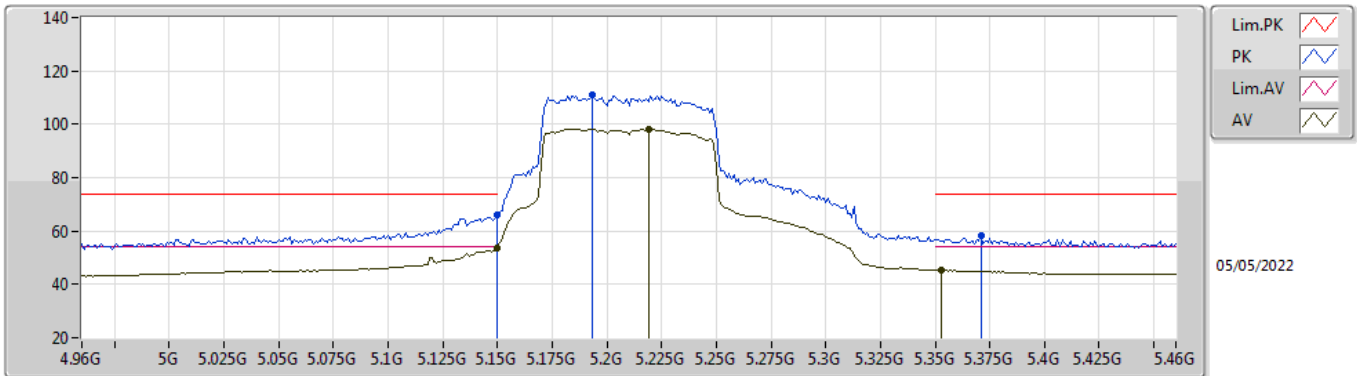


EUT X_4TX
Setting 108
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58952G	53.54	74.00	-20.46	39.57	3	Horizontal	28	2.79	-	39.27	7.94	33.24
AV	11.5768G	40.40	54.00	-13.60	26.48	3	Horizontal	28	2.79	-	39.23	7.93	33.24
PK	17.37G	64.02	68.20	-4.18	43.53	3	Horizontal	35	1.67	-	42.92	10.69	33.12

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

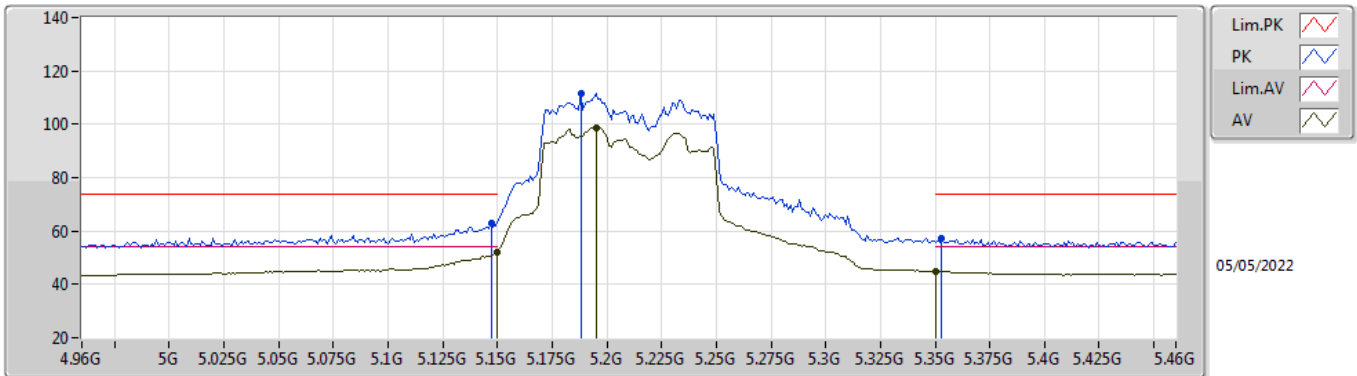


EUT_X_4TX
Setting 78
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	65.85	74.00	-8.15	59.15	3	Vertical	132	2.65	-	33.60	5.25	32.15
AV	5.15G	53.84	54.00	-0.16	47.14	3	Vertical	132	2.65	-	33.60	5.25	32.15
PK	5.193G	110.90	Inf	-Inf	104.07	3	Vertical	132	2.65	-	33.69	5.29	32.15
AV	5.219G	98.28	Inf	-Inf	91.42	3	Vertical	132	2.65	-	33.70	5.31	32.15
PK	5.371G	58.20	74.00	-15.80	51.01	3	Vertical	132	2.65	-	33.94	5.39	32.14
AV	5.353G	45.57	54.00	-8.43	38.42	3	Vertical	132	2.65	-	33.91	5.38	32.14

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

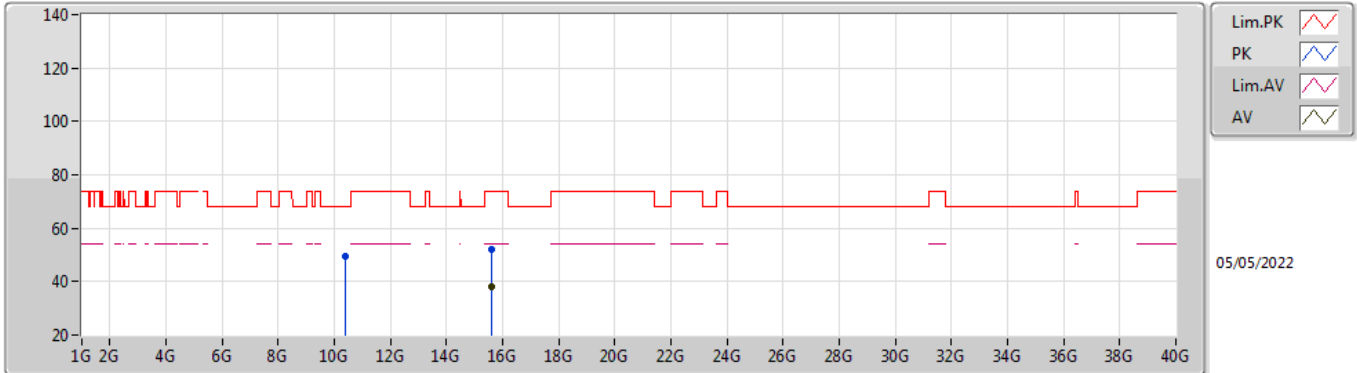


EUT_X_4TX
Setting 78
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.147G	63.07	74.00	-10.93	56.38	3	Horizontal	154.2	2.76	-	33.59	5.25	32.15
AV	5.15G	52.08	54.00	-1.92	45.38	3	Horizontal	154.2	2.76	-	33.60	5.25	32.15
PK	5.188G	111.72	Inf	-Inf	104.90	3	Horizontal	154.2	2.76	-	33.68	5.29	32.15
AV	5.195G	98.76	Inf	-Inf	91.93	3	Horizontal	154.2	2.76	-	33.69	5.29	32.15
PK	5.353G	57.46	74.00	-16.54	50.31	3	Horizontal	154.2	2.76	-	33.91	5.38	32.14
AV	5.35G	45.02	54.00	-8.98	37.88	3	Horizontal	154.2	2.76	-	33.90	5.38	32.14

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

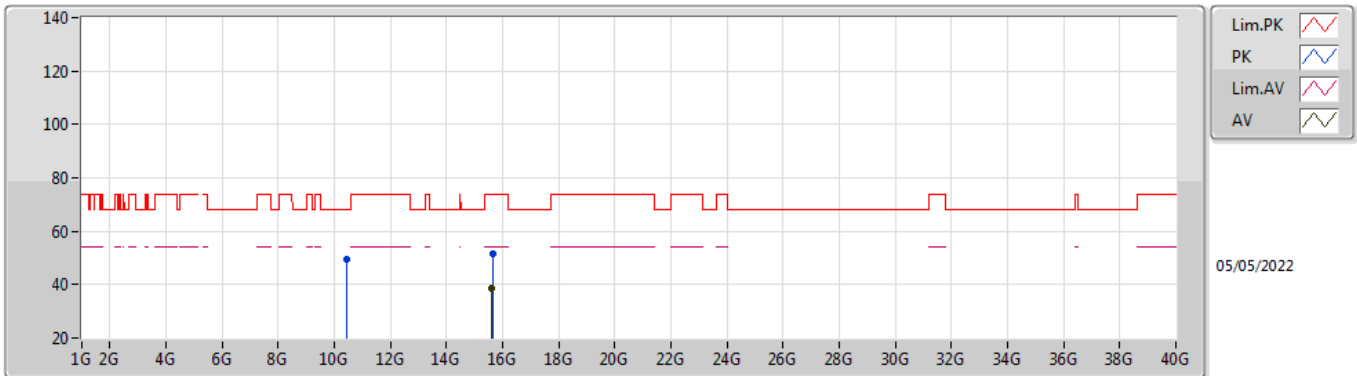


EUT X_4TX
Setting 78
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41508G	49.54	68.20	-18.66	36.46	3	Vertical	66	2.11	-	38.60	7.47	32.99
PK	15.62238G	51.92	74.00	-22.08	37.88	3	Vertical	269	2.62	-	37.50	9.83	33.29
AV	15.62772G	38.33	54.00	-15.67	24.30	3	Vertical	269	2.62	-	37.50	9.83	33.30

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

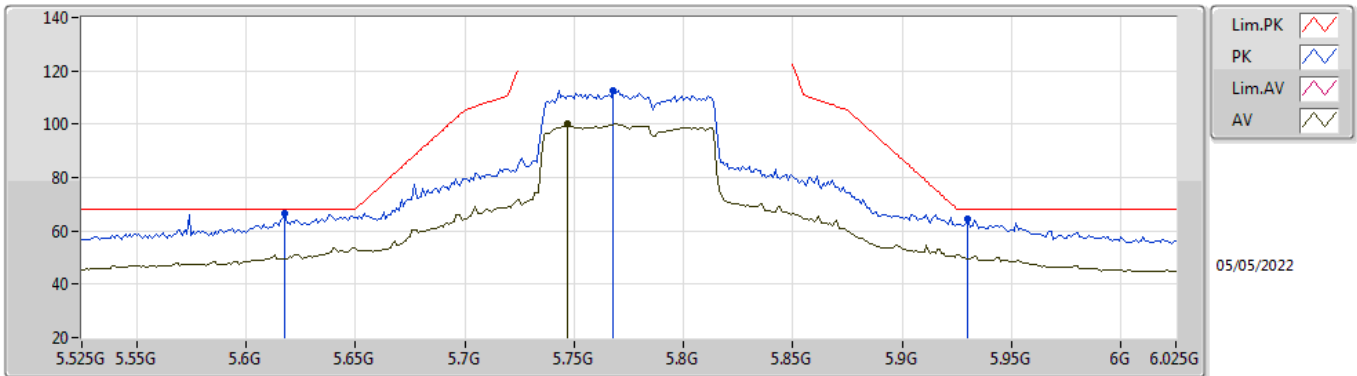


EUT X_4TX
Setting 78
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.43146G	49.28	68.20	-18.92	36.21	3	Horizontal	274	2.62	-	38.60	7.47	33.00
PK	15.6354G	51.78	74.00	-22.22	37.75	3	Horizontal	117	1.65	-	37.50	9.84	33.31
AV	15.615G	38.40	54.00	-15.60	24.36	3	Horizontal	117	1.65	-	37.50	9.83	33.29

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

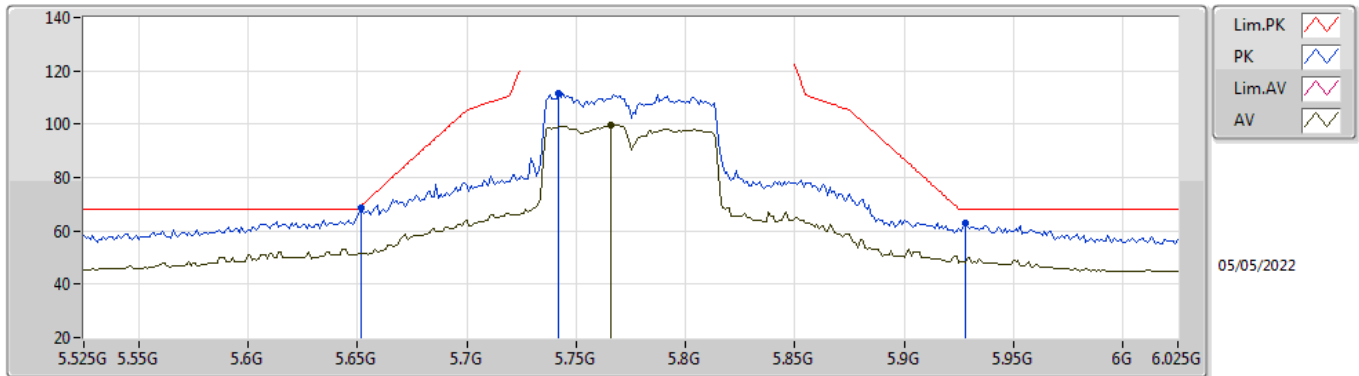


EUT Y_4TX
Setting 97
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.618G	66.71	68.20	-1.49	59.39	3	Vertical	140	1.27	-	33.86	5.60	32.14
PK	5.768G	112.70	Inf	-Inf	105.45	3	Vertical	140	1.27	-	33.80	5.60	32.15
AV	5.747G	100.02	Inf	-Inf	92.75	3	Vertical	140	1.27	-	33.81	5.60	32.14
PK	5.93G	64.67	68.20	-3.53	56.94	3	Vertical	140	1.27	-	34.16	5.73	32.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

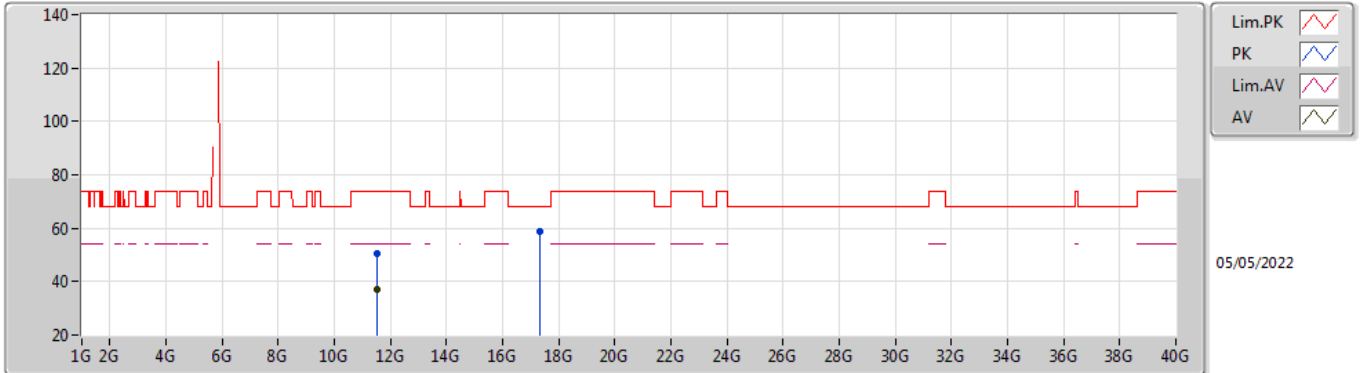


EUT Y_4TX
Setting 97
02-B-C-6-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.652G	68.57	69.68	-1.11	61.31	3	Horizontal	199	2.78	-	33.80	5.60	32.14
PK	5.742G	111.68	Inf	-Inf	104.40	3	Horizontal	199	2.78	-	33.82	5.60	32.14
AV	5.766G	99.74	Inf	-Inf	92.49	3	Horizontal	199	2.78	-	33.80	5.60	32.15
PK	5.928G	62.86	68.20	-5.34	55.13	3	Horizontal	199	2.78	-	34.16	5.73	32.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

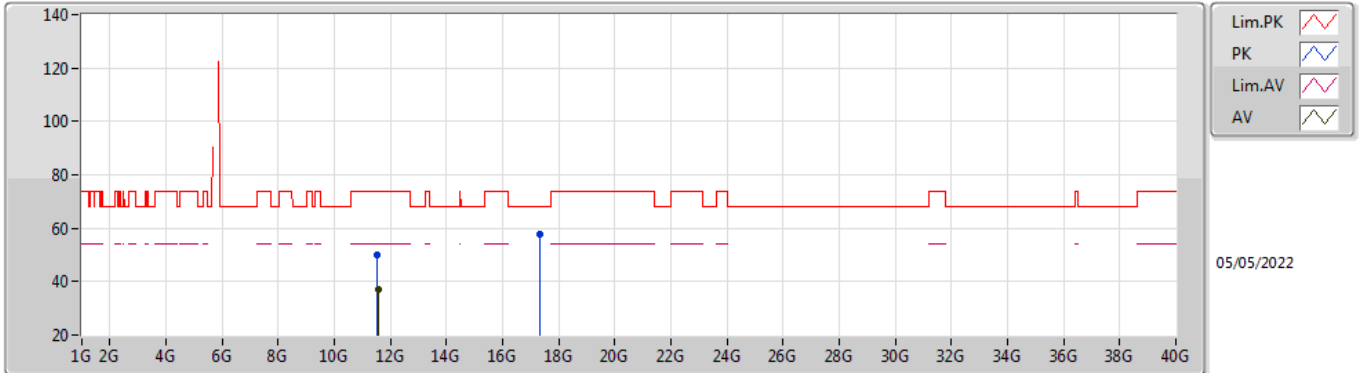


EUT X_4TX
Setting 97
02-B-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54778G	50.33	74.00	-23.67	36.50	3	Vertical	283	2.01	-	39.14	7.92	33.23
AV	11.54472G	36.88	54.00	-17.12	23.06	3	Vertical	283	2.01	-	39.13	7.92	33.23
PK	17.33916G	58.56	68.20	-9.64	38.31	3	Vertical	112	1.72	-	42.73	10.67	33.15

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom



EUT X_4TX
Setting 97
02-B-C-6

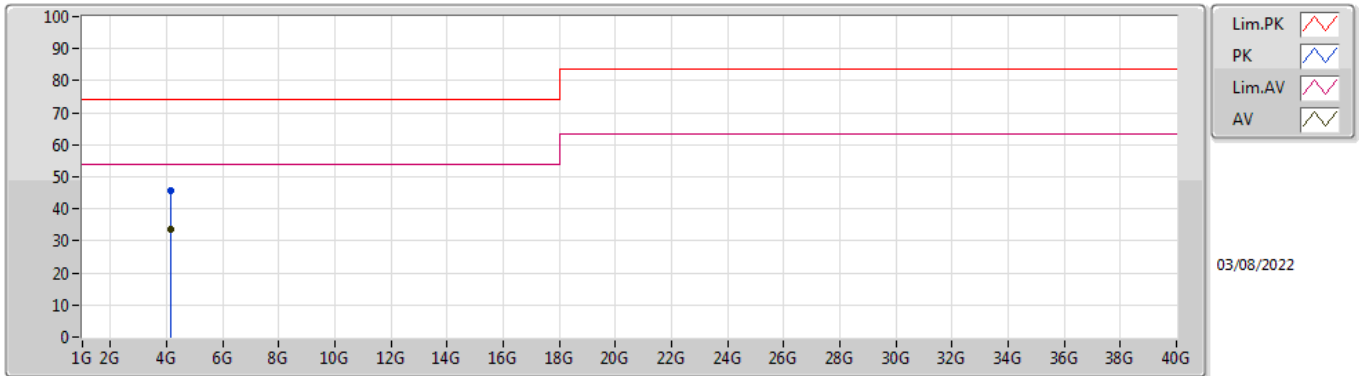
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.53776G	50.22	74.00	-23.78	36.42	3	Horizontal	175	1.58	-	39.11	7.92	33.23
AV	11.56296G	36.83	54.00	-17.17	22.95	3	Horizontal	175	1.58	-	39.19	7.93	33.24
PK	17.31546G	57.68	68.20	-10.52	37.61	3	Horizontal	292	1.94	-	42.59	10.66	33.18



Summary

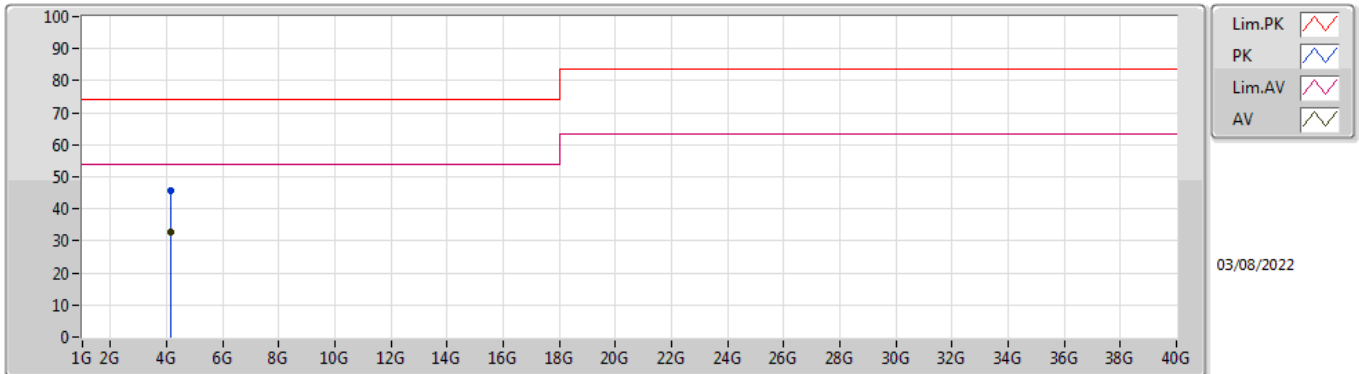
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.1611G	33.60	54.00	-20.40	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	4.16525G	45.88	74.00	-28.12	2.62	3	Vertical	136	1.86	-	43.26	31.03	6.18	34.59
AV	4.1611G	33.60	54.00	-20.40	2.60	3	Vertical	136	1.86	"Worst"	31.00	31.02	6.18	34.60

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	4.16031G	45.53	74.00	-28.47	2.59	3	Horizontal	186	1.58	-	42.94	31.02	6.18	34.61
AV	4.16092G	32.65	54.00	-21.35	2.60	3	Horizontal	186	1.58	"Worst"	30.05	31.02	6.18	34.60