



RADIO TEST REPORT

FCC ID : 2ABLP-RG32X0X
Equipment : Wi-Fi Gateway 3
Brand Name : Viasat
Model Name : RG32X0X
(Please refer to section 1.1.5 for detail information)
Applicant : Viasat, Inc.
6155 El Camino Real Carlsbad, CA 92009 USA
Manufacturer : Hitron Technologies Inc.
No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park,
Hsinchu 30078, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 27, 2021, and testing was started from Sep. 17, 2021 and completed on Dec. 15, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4



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:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Penny Kao

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, 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)
1	4	PSA	RFPCA282807IMLB901	PCB Antenna	I-PEX	Note 1
2	1	PSA	RFPCA282807IMLB902	PCB Antenna	I-PEX	
3	2	PSA	RFPCA312208IMLB901	PCB Antenna	I-PEX	
4	3	PSA	RFPCA312207IMLB901	PCB Antenna	I-PEX	

Note 1:

Ant.	Port	Antenna Gain (dBi)		
		2.4GHz	UNII 1	UNII 3
1	4	3.3	1.32	1.3
2	1	3.11	3.07	2.53
3	2	2.34	1.76	1.17
4	3	1.4	2.37	1.23
Directional Gain (dBi)				
		2.4GHz	UNII 1	UNII 3
4T1S		4.23	3.75	2.98
4T2S		3.3	3.07	2.53
4T4S		-0.73	-0.17	-0.65

Note1: The above information was declared by manufacturer.

Note2: The EUT has four antennas.

For 2.4GHz function:

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

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

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

For 5GHz function:

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

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.93	0.32	1.978m	1k
802.11ax HEW20	0.943	0.25	5.448m	300
802.11ax HEW20-BF	0.961	0.17	3.45m	300
802.11ax HEW40	0.936	0.29	5.446m	300
802.11ax HEW40-BF	0.953	0.21	3.449m	300
802.11ax HEW80	0.932	0.31	5.445m	300
802.11ax HEW80-BF	0.967	0.15	3.7m	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	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	Non-beamforming: QSPR Version 5.0-00197 Beamforming: PuTTY Release 0.62			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The model names are listed in the following table:

Model Name	Description
RG32X0X	The "X" in model name can be 0 to 9, A to Z or blank, for marketing purpose

Note1: From the above models, model: RG3210N were selected as representative model for the test and its data was recorded in this report.

Note 2: 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 (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Brian Sun	19.3~20.8 / 51~56	Oct. 05, 2021~ Nov. 05, 2021
Radiated (Below 1GHz)	03CH05-CB	Eason Chen	23.5-24.6 / 55-59	Nov. 17, 2021~ Dec. 15, 2021
Radiated (Above 1GHz)	03CH03-CB	Ken Yeh	24.4-25.5 / 55-58	Sep. 17, 2021~ Sep. 29, 2021
Radiated (Radiated Emission Co-location)	03CH05-CB	Ken Yeh	23.5-24.6 / 55-59	Sep. 17, 2021~ Sep. 29, 2021
AC Conduction	CO01-CB	Joe Chu	22~24 / 55~57	Nov. 23, 2021



1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

For Non-beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	23
5200MHz	23.5
5240MHz	23.5
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	21.5
5200MHz	23
5240MHz	23.5
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	20
5230MHz	23
5755MHz	22.5
5795MHz	23
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	19
5775MHz	21

**For Beamforming mode**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	27
5200MHz	29
5240MHz	30
5745MHz	29
5785MHz	30
5825MHz	28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	26
5230MHz	29
5755MHz	29
5795MHz	29
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	24
5775MHz	28

Note:

- ♦ Evaluated HEW20/HEW40/HEW80 mode only, due to 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	Normal Link
1	EUT + Adapter 1
2	EUT + Adapter 2
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	Normal Link
1	EUT in X axis + Adapter 1
2	EUT in Y axis + Adapter 1
3	EUT in Z axis + Adapter 1
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT in Y axis + Adapter 2
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 as below:
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
	The EUT was performed at X axis, Y axis and Z axis position. After evaluation, "Y axis" generated the worst test result from Unwanted Emissions above 1GHz, so the measurement will follow this same test configuration.
Operating Mode	Normal Link
1	EUT in Y axis + WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA182520 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:

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

The program was executed as follows:

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

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.4 Accessories

Power	Brand	Model	Rating
Adapter 1	APD	WA-42D12FU	Input: 100-240V~, 50-60Hz, 1.2 Max. Output: 12V, 3.5A
Adapter 2	Frecom	F42L1-120350SPAU	Input: 100-240V~50/60Hz, 1.4A Output: 12.0V, 3.5A, 42.0W
Others			
RJ-45 cable*1: Non-shielded, 2m			

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	WAN NB	DELL	E6430	N/A
C	Phone	SAMPO	HT-B 907WL	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	Flash disk3.0	Transcend	JetFlash-700	N/A
G	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	NB	DELL	E4300	N/A
D	NB	DELL	E4300	N/A
E	Phone	SAMPO	HT-B 907WL	N/A
F	Flash disk3.0	Silicon Power	B06	N/A
G	Flash disk3.0	Silicon Power	B06	N/A

**For Non beamforming Radiated (above 1GHz):**

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

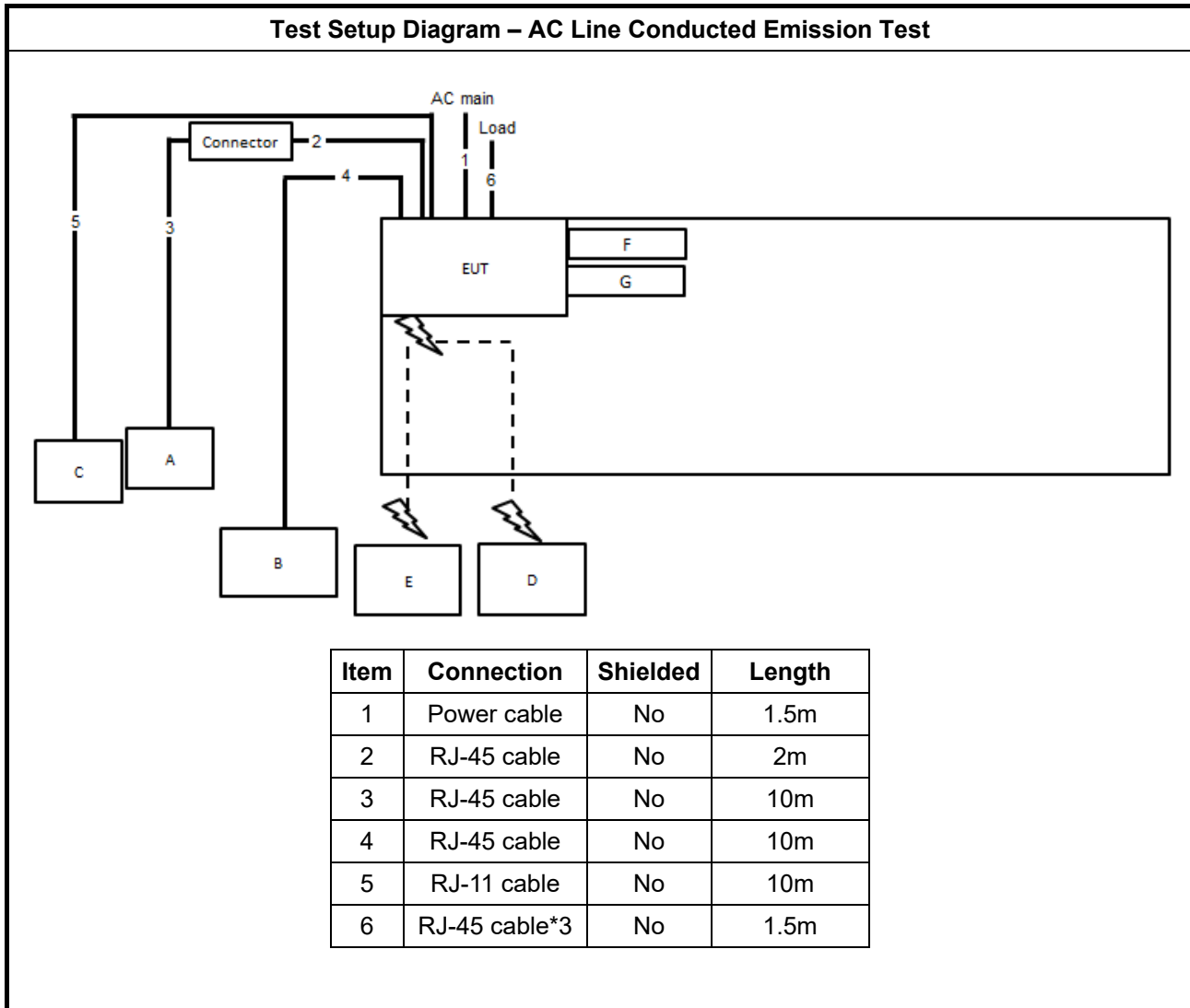
For Beamforming Radiated (above 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	RX Device	Hitron tech	RG3210n	N/A
C	NB	DELL	E4300	N/A

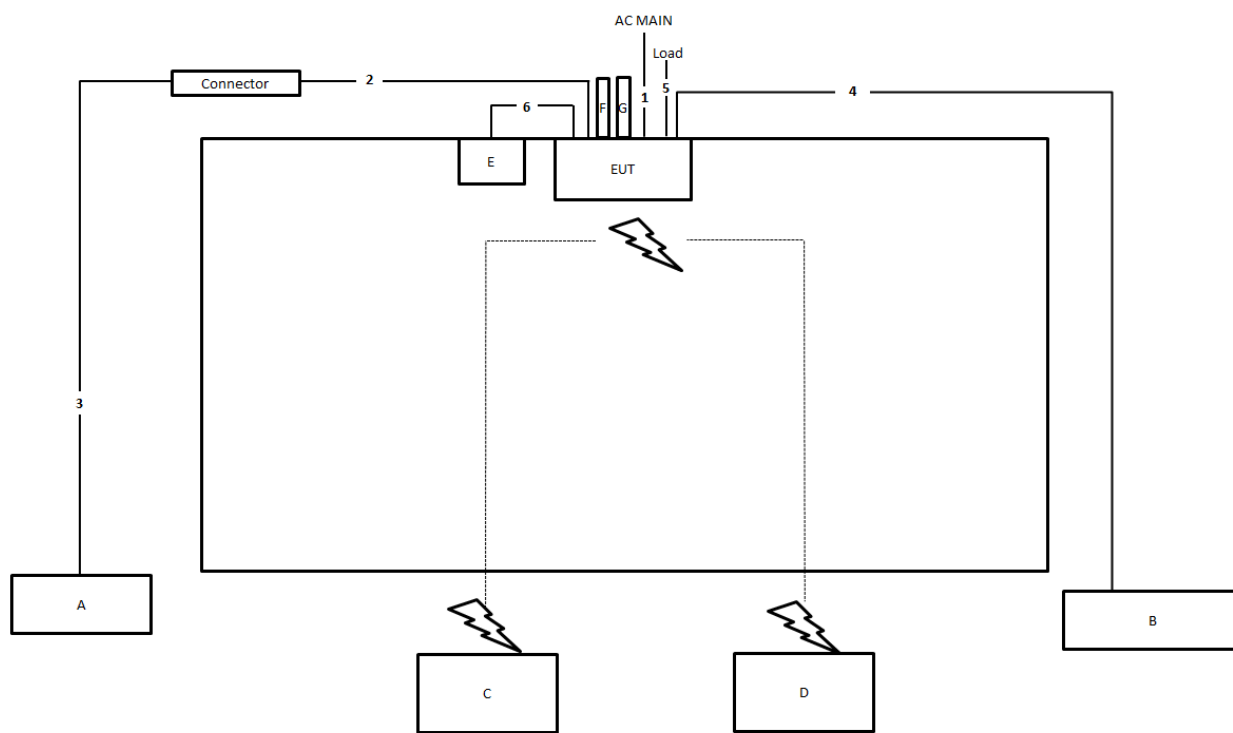
For RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	RX Device	Hitron tech	RG3210n	N/A

2.6 Test Setup Diagram

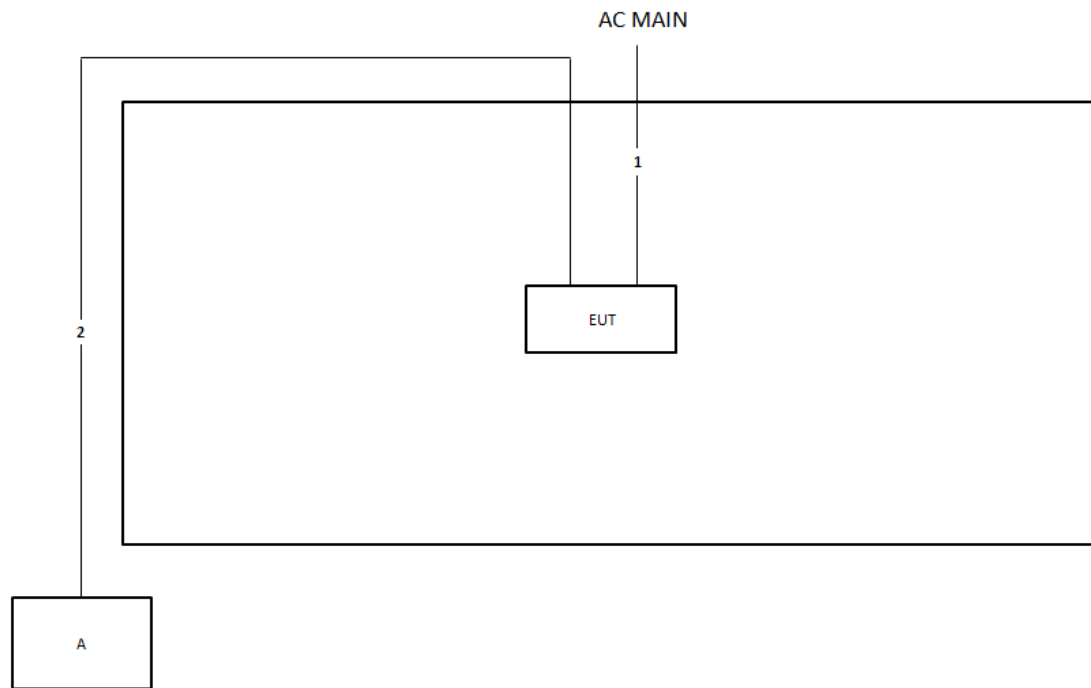


Test Setup Diagram - Radiated Test < 1GHz



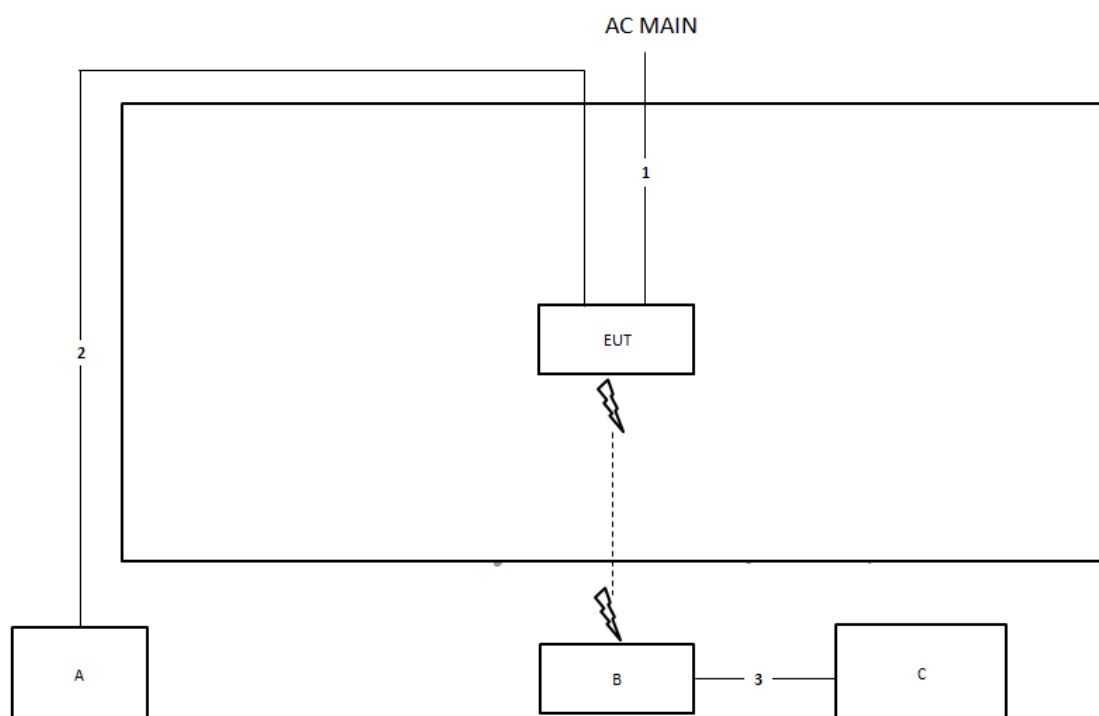
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	2m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1.5m
6	RJ-11 cable	No	1.5m

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



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

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



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

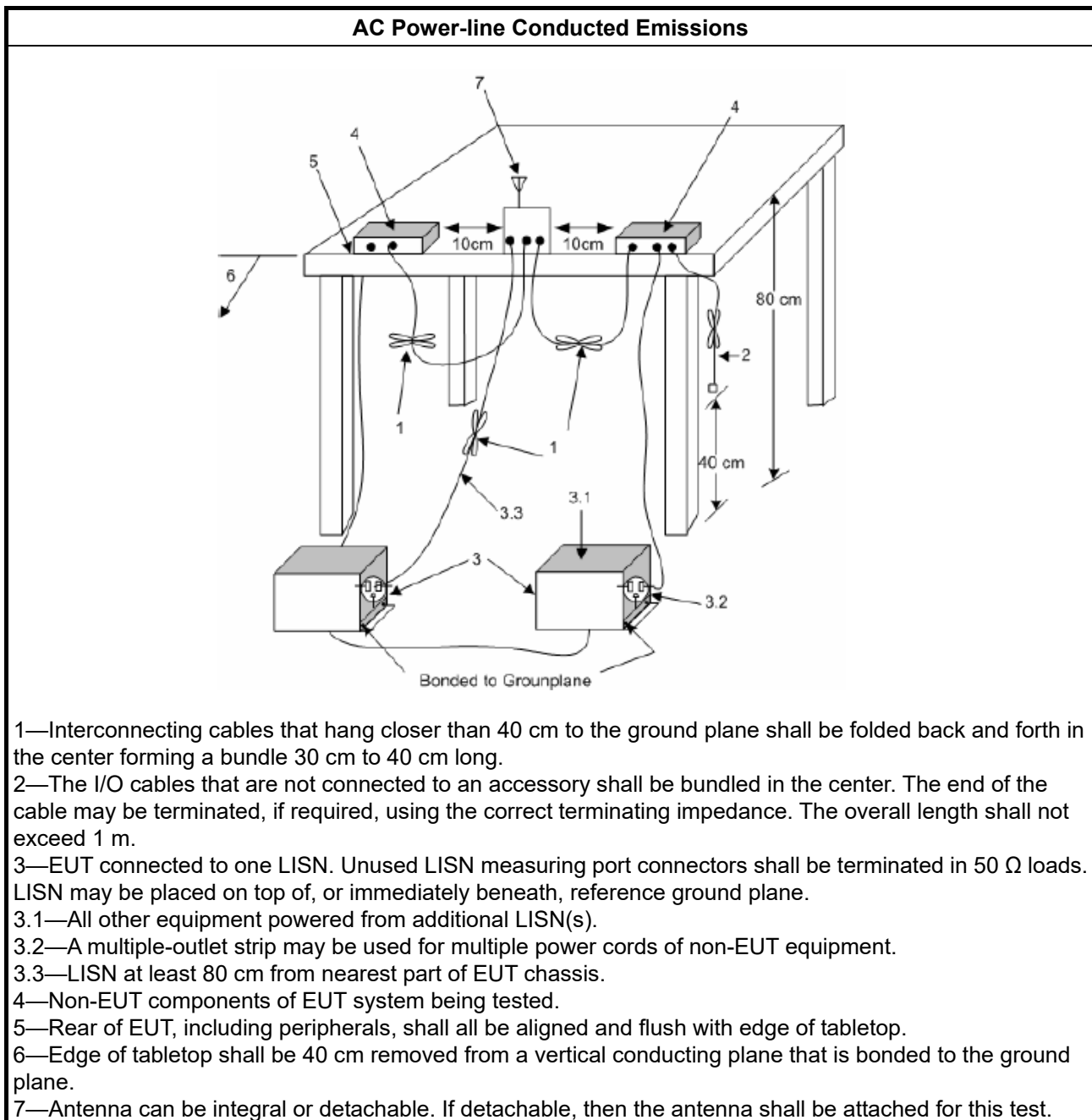
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

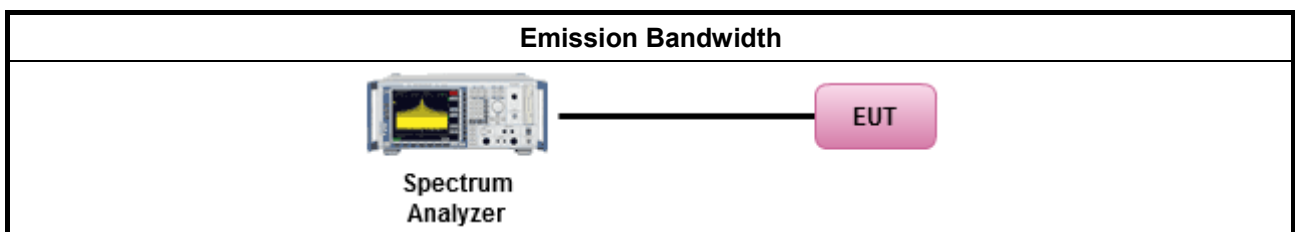
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



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

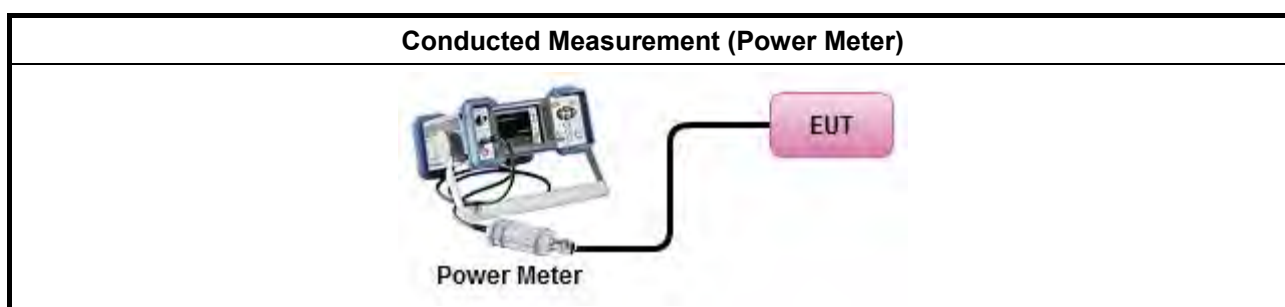
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	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
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	- 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	
☒ For the 5.15-5.25 GHz band:	
☐	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.725-5.85 GHz band:	
☐	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -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 $\theta > 45^\circ$
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐ For the 5.725-5.85 GHz band:	
☐	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that the same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

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

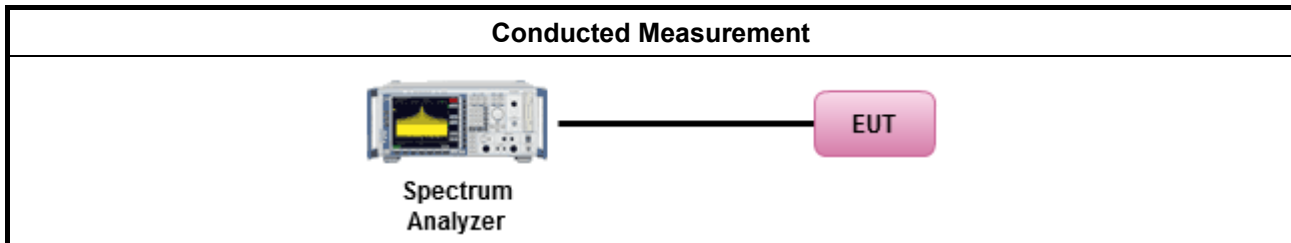


3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 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]
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	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	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
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.	

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

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



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

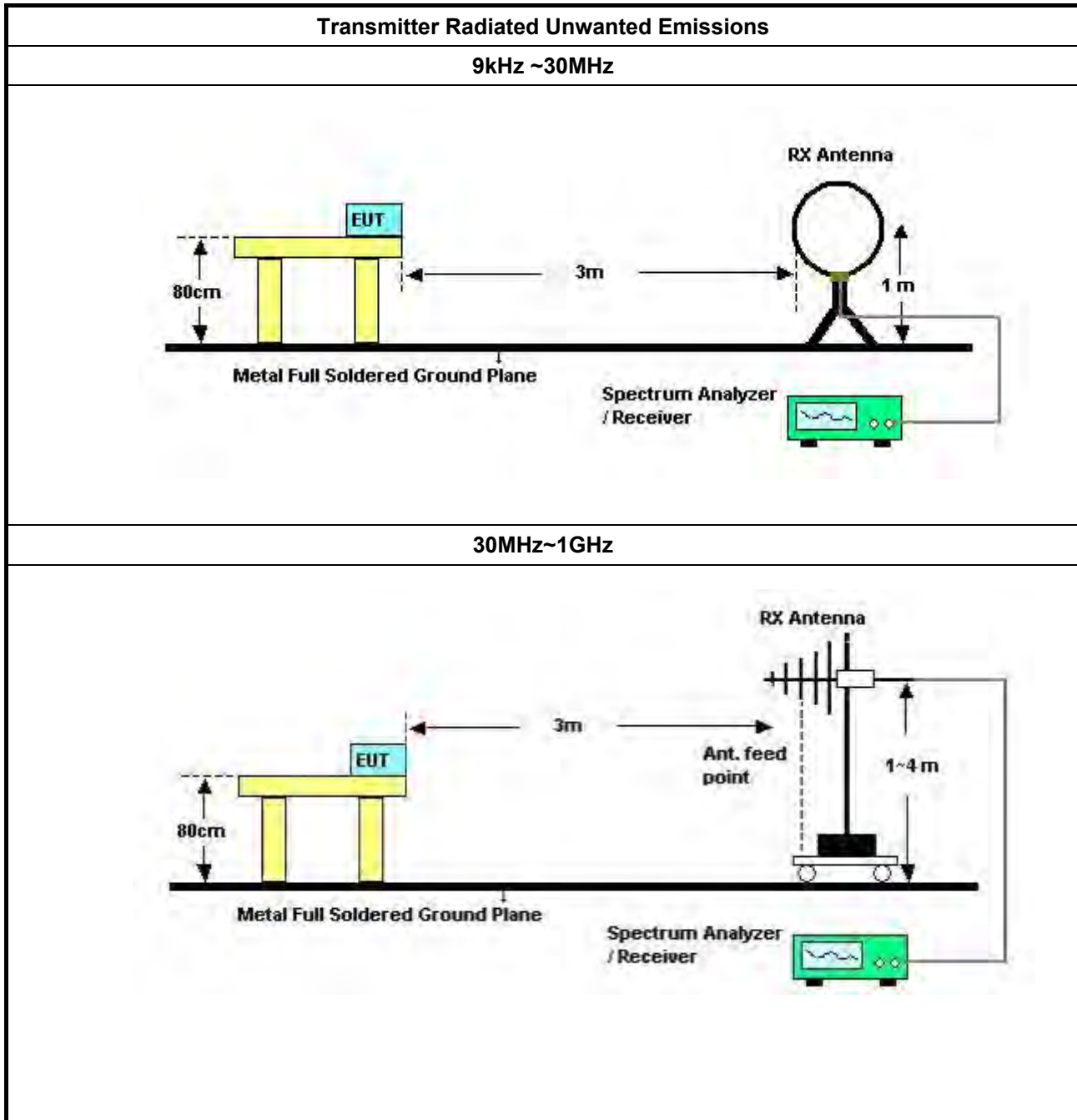
3.5.2 Measuring Instruments

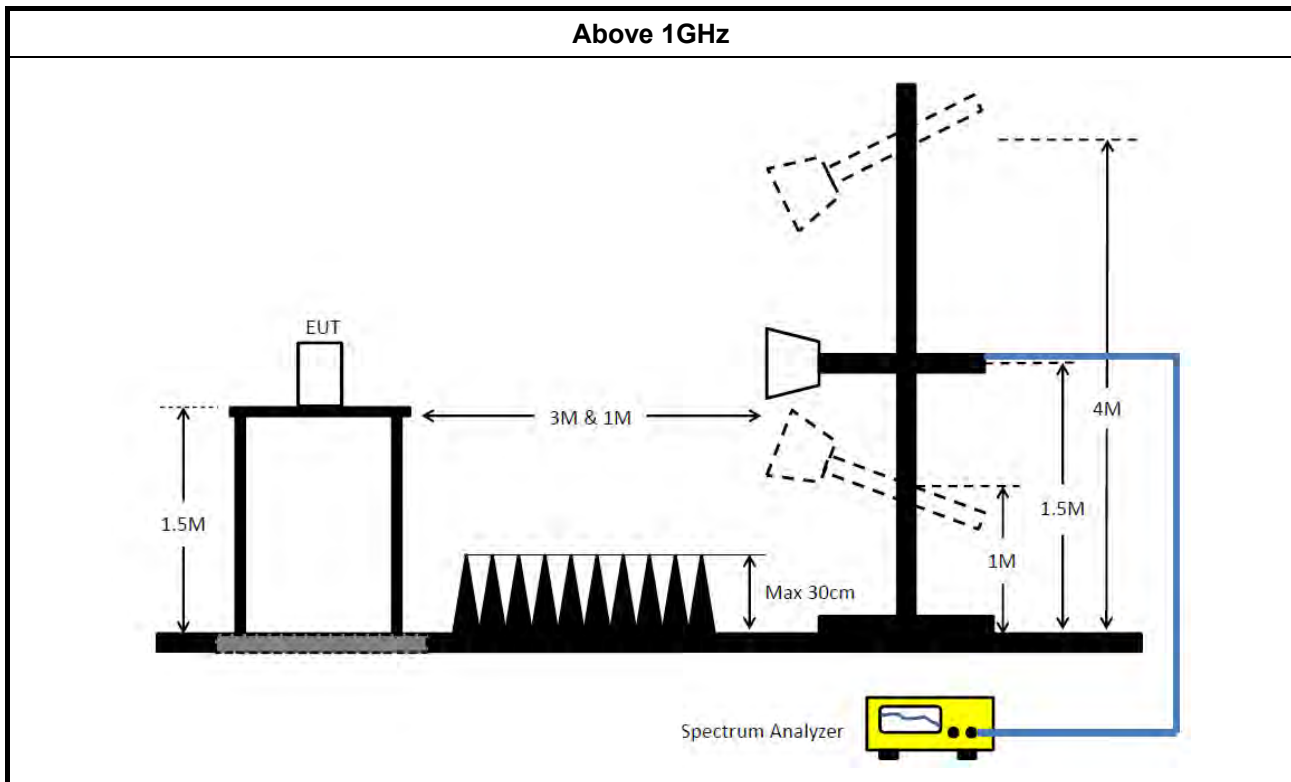
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 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.
	☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 06, 2021	May 05, 2022	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



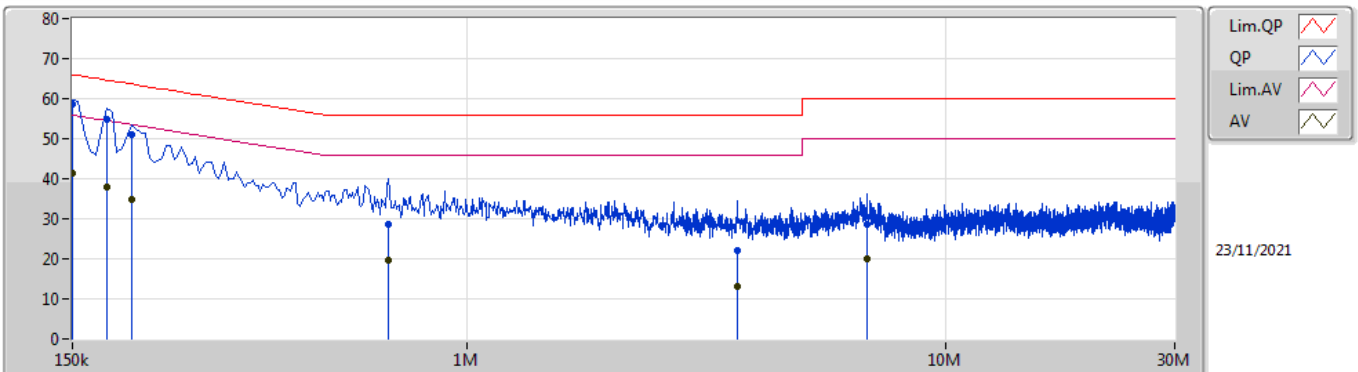
Conducted Emissions at Powerline

Appendix A

Summary

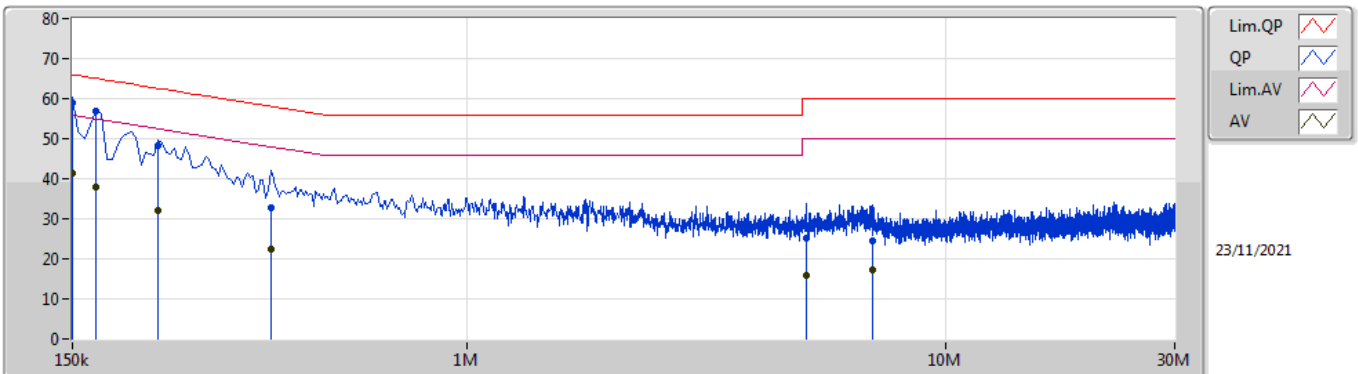
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	59.04	66.00	-6.96	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	58.73	66.00	-7.27	10.24	Line	"Worst"	48.49	0.07	0.02	10.15			
AV	150k	41.36	56.00	-14.64	10.24	Line	-	31.12	0.07	0.02	10.15			
QP	177k	54.93	64.62	-9.69	10.25	Line	-	44.68	0.07	0.02	10.16			
AV	177k	37.83	54.62	-16.79	10.25	Line	-	27.58	0.07	0.02	10.16			
QP	199.5k	50.98	63.63	-12.65	10.25	Line	-	40.73	0.07	0.02	10.16			
AV	199.5k	34.98	53.63	-18.65	10.25	Line	-	24.73	0.07	0.02	10.16			
QP	685.5k	28.49	56.00	-27.51	10.21	Line	-	18.28	0.09	0.02	10.10			
AV	685.5k	19.53	46.00	-26.47	10.21	Line	-	9.32	0.09	0.02	10.10			
QP	3.674M	22.14	56.00	-33.86	10.31	Line	-	11.83	0.14	0.07	10.10			
AV	3.674M	13.04	46.00	-32.96	10.31	Line	-	2.73	0.14	0.07	10.10			
QP	6.824M	28.46	60.00	-31.54	10.40	Line	-	18.06	0.22	0.07	10.11			
AV	6.824M	19.96	50.00	-30.04	10.40	Line	-	9.56	0.22	0.07	10.11			

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	59.04	66.00	-6.96	10.23	Neutral	"Worst"	48.81	0.06	0.02	10.15			
AV	150k	41.40	56.00	-14.60	10.23	Neutral	-	31.17	0.06	0.02	10.15			
QP	168k	56.96	65.06	-8.10	10.23	Neutral	-	46.73	0.06	0.02	10.15			
AV	168k	38.09	55.06	-16.97	10.23	Neutral	-	27.86	0.06	0.02	10.15			
QP	226.5k	48.31	62.58	-14.27	10.23	Neutral	-	38.08	0.06	0.02	10.15			
AV	226.5k	31.93	52.58	-20.65	10.23	Neutral	-	21.70	0.06	0.02	10.15			
QP	388.5k	32.62	58.10	-25.48	10.19	Neutral	-	22.43	0.06	0.02	10.11			
AV	388.5k	22.42	48.10	-25.68	10.19	Neutral	-	12.23	0.06	0.02	10.11			
QP	5.1M	25.31	60.00	-34.69	10.33	Neutral	-	14.98	0.15	0.07	10.11			
AV	5.1M	15.83	50.00	-34.17	10.33	Neutral	-	5.50	0.15	0.07	10.11			
QP	7.035M	24.42	60.00	-35.58	10.36	Neutral	-	14.06	0.18	0.07	10.11			
AV	7.035M	17.18	50.00	-32.82	10.36	Neutral	-	6.82	0.18	0.07	10.11			

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	22.23M	16.642M	16M6D1D	19.53M	16.432M
802.11ax HEW20_Nss1,(MCS0)_4TX	27.45M	19.04M	19M0D1D	21.09M	18.921M
802.11ax HEW40_Nss1,(MCS0)_4TX	54.66M	38.201M	38M2D1D	40.68M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.8M	77.361M	77M4D1D	81.96M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.32M	16.672M	16M7D1D	15.87M	16.432M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.99M	19.16M	19M2D1D	18.48M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.04M	38.201M	38M2D1D	34.2M	37.961M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.52M	77.601M	77M6D1D	72.96M	77.121M

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

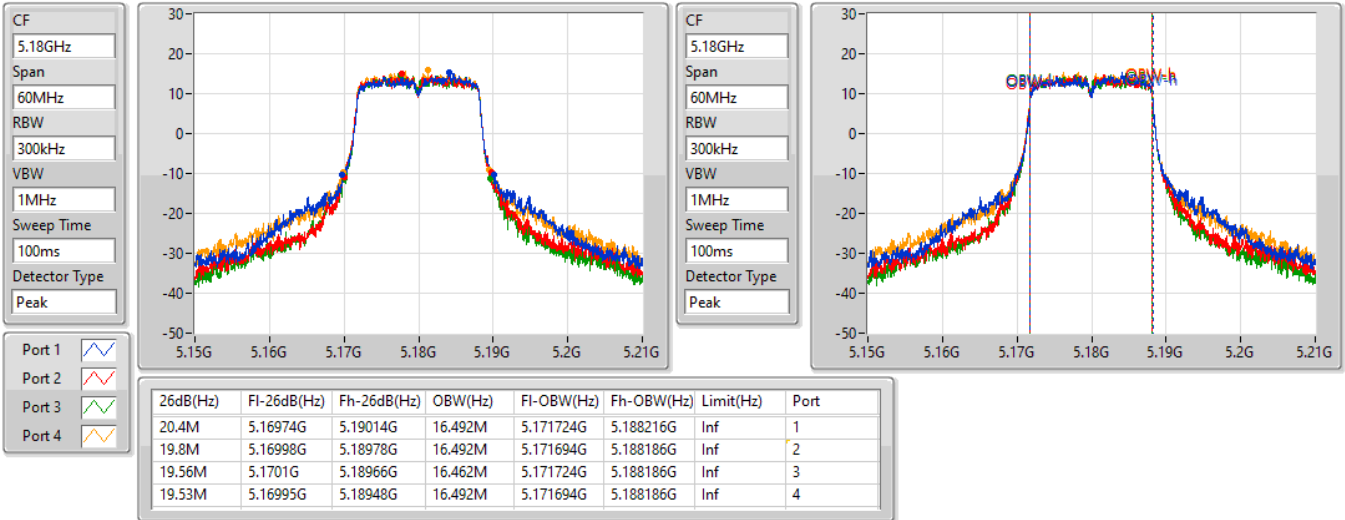
Result

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	20.4M	16.492M	19.8M	16.492M	19.56M	16.462M	19.53M	16.492M
5200MHz	Pass	Inf	22.14M	16.582M	20.01M	16.522M	19.86M	16.492M	20.58M	16.492M
5240MHz	Pass	Inf	22.23M	16.642M	19.62M	16.432M	20.55M	16.492M	19.92M	16.462M
5745MHz	Pass	500k	16.32M	16.672M	16.29M	16.522M	16.26M	16.492M	16.32M	16.492M
5785MHz	Pass	500k	16.32M	16.672M	15.87M	16.432M	16.32M	16.492M	16.29M	16.522M
5825MHz	Pass	500k	16.32M	16.642M	15.93M	16.462M	16.32M	16.492M	16.29M	16.492M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	18.981M	21.39M	18.951M	21.09M	18.921M	21.18M	18.921M
5200MHz	Pass	Inf	25.71M	19.04M	21.27M	18.951M	21.45M	18.951M	21.3M	18.921M
5240MHz	Pass	Inf	27.45M	19.04M	22.05M	19.01M	21.12M	18.951M	21.45M	18.951M
5745MHz	Pass	500k	18.99M	19.16M	18.87M	19.04M	18.99M	18.921M	18.93M	19.01M
5785MHz	Pass	500k	18.9M	19.04M	18.69M	18.891M	18.78M	18.951M	18.9M	18.951M
5825MHz	Pass	500k	18.99M	19.16M	18.48M	18.951M	18.84M	18.951M	18.84M	18.981M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.52M	37.961M	40.92M	37.901M	40.74M	38.021M	40.68M	37.961M
5230MHz	Pass	Inf	54.66M	38.201M	40.8M	37.901M	42.84M	38.081M	42.24M	38.081M
5755MHz	Pass	500k	38.04M	38.201M	34.2M	37.961M	37.68M	38.021M	37.92M	37.961M
5795MHz	Pass	500k	38.04M	38.201M	36.48M	37.961M	37.92M	38.081M	37.8M	38.021M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.8M	77.361M	82.8M	77.121M	82.2M	77.241M	81.96M	77.361M
5775MHz	Pass	500k	76.32M	77.601M	72.96M	77.121M	77.52M	77.361M	76.56M	77.241M

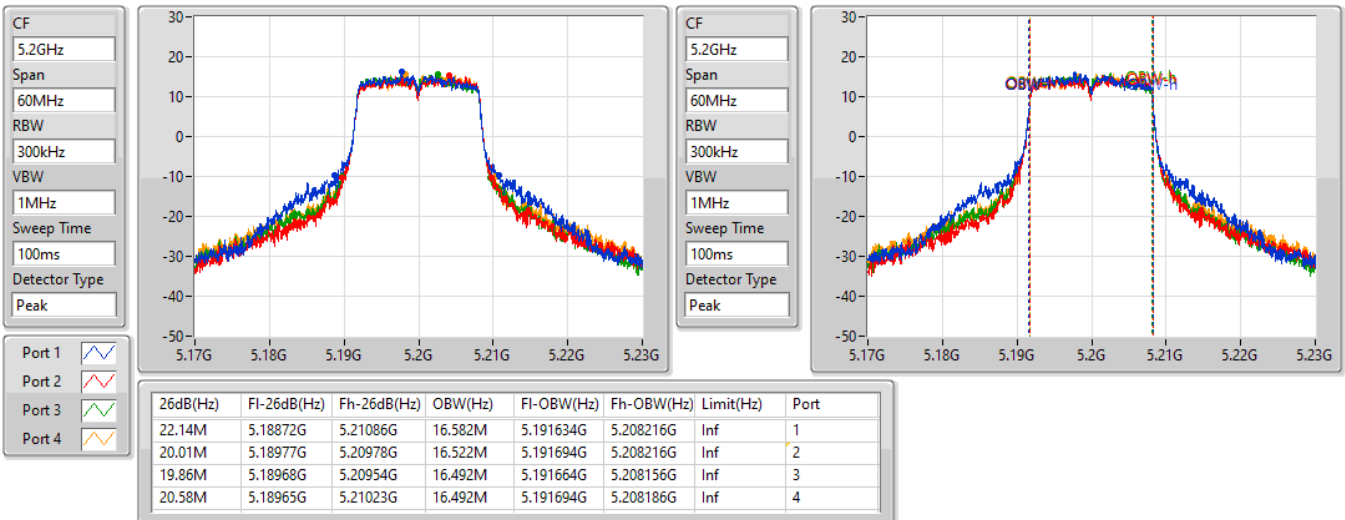
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

02/10/2021


802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

02/10/2021

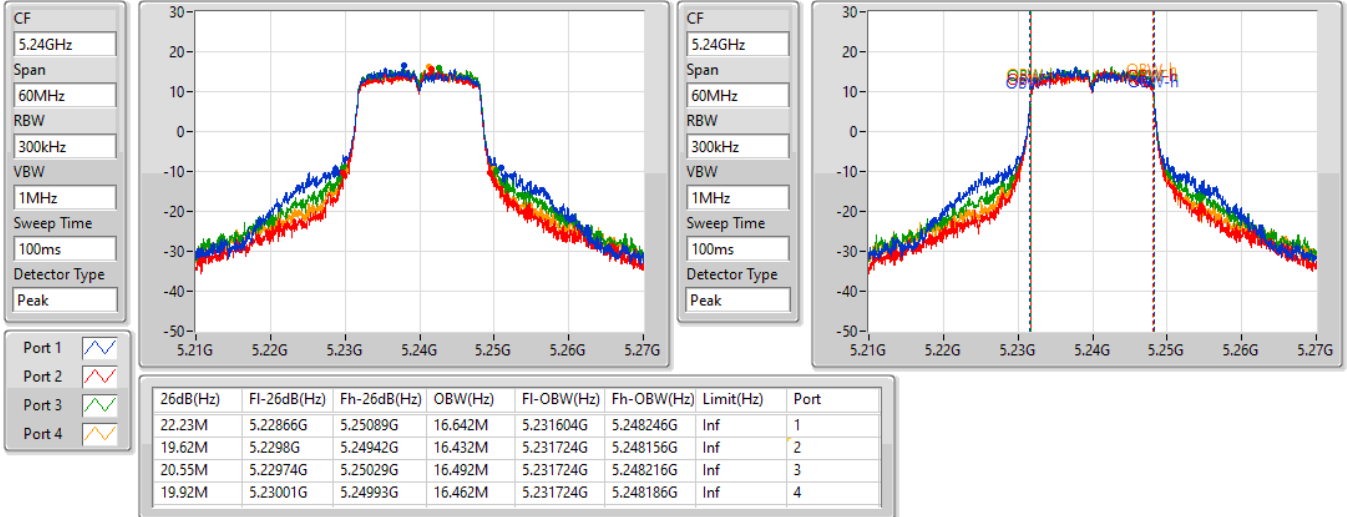


802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

02/10/2021

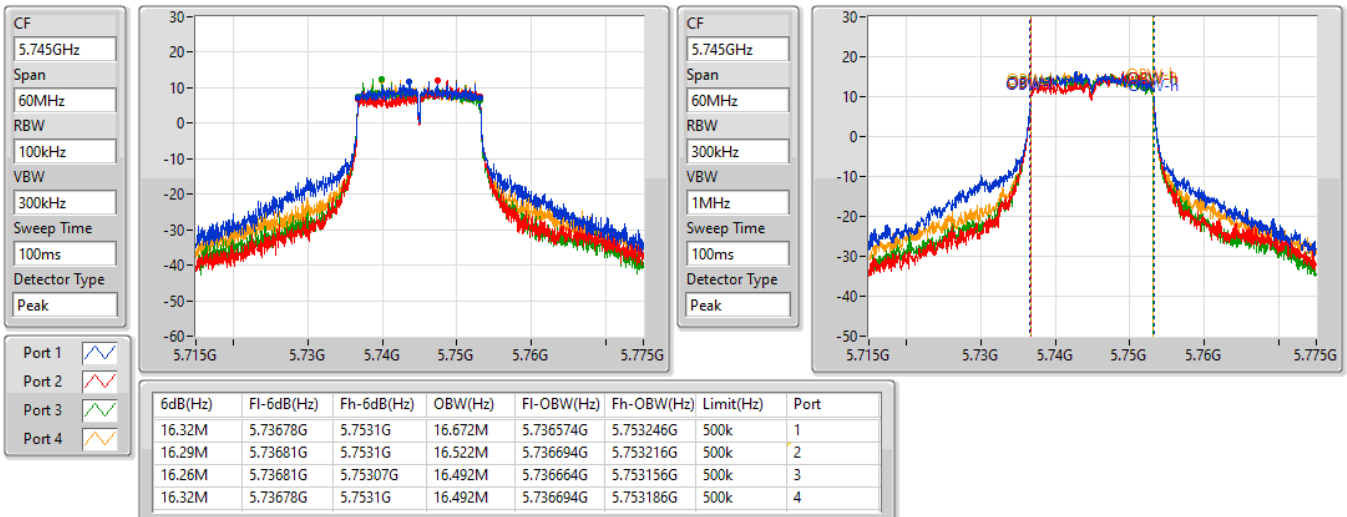


802.11a_Nss1,(6Mbps)_4TX

EBW

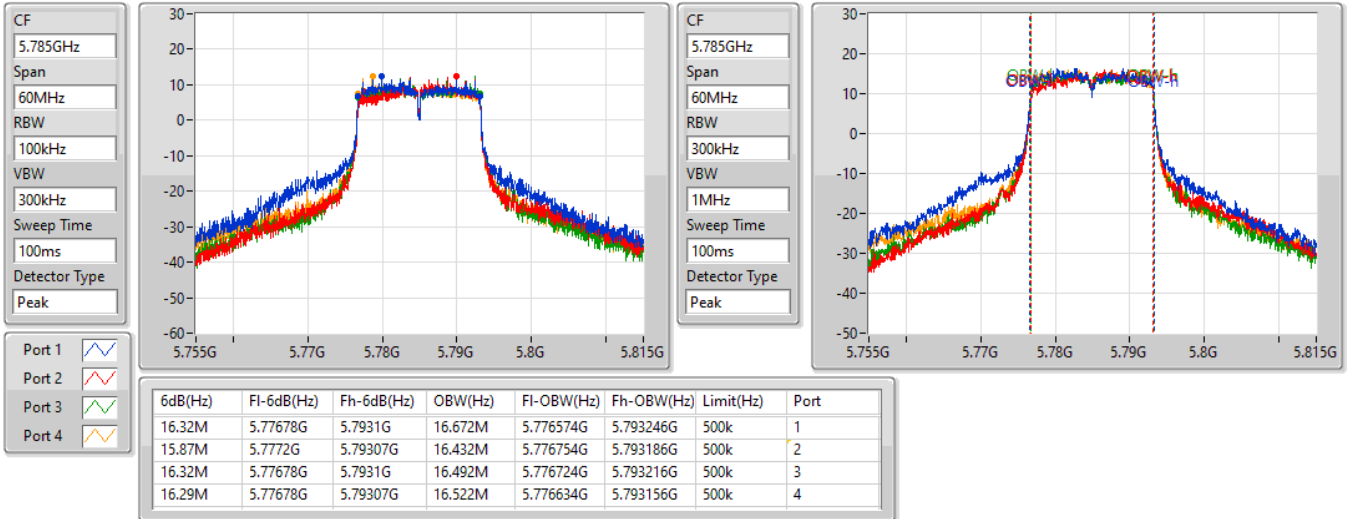
5745MHz

02/10/2021

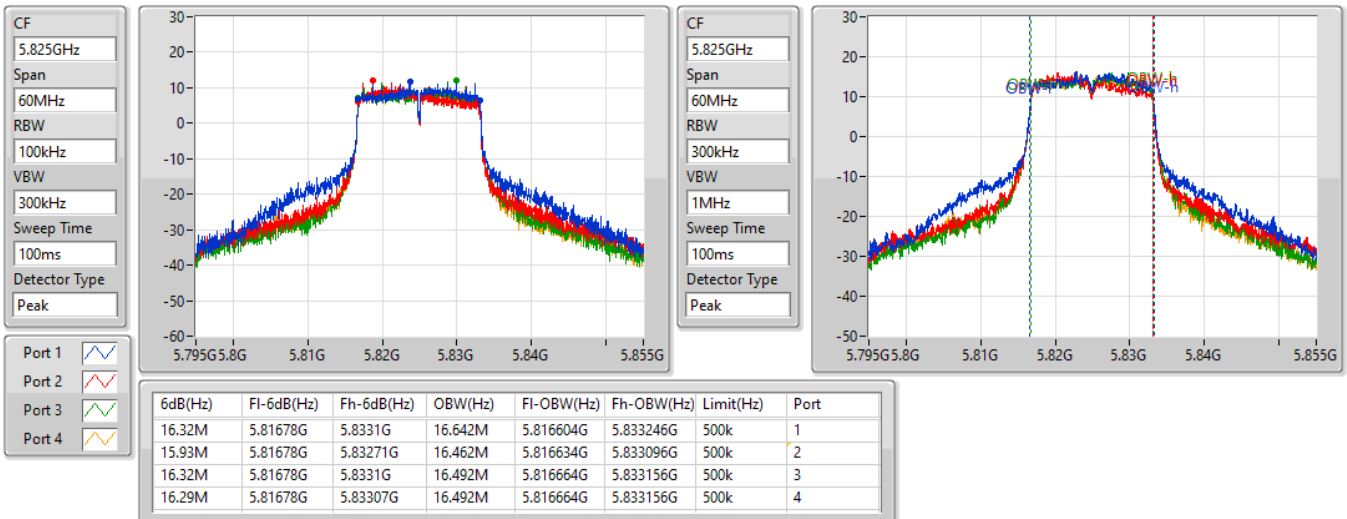


802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

02/10/2021


802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

02/10/2021

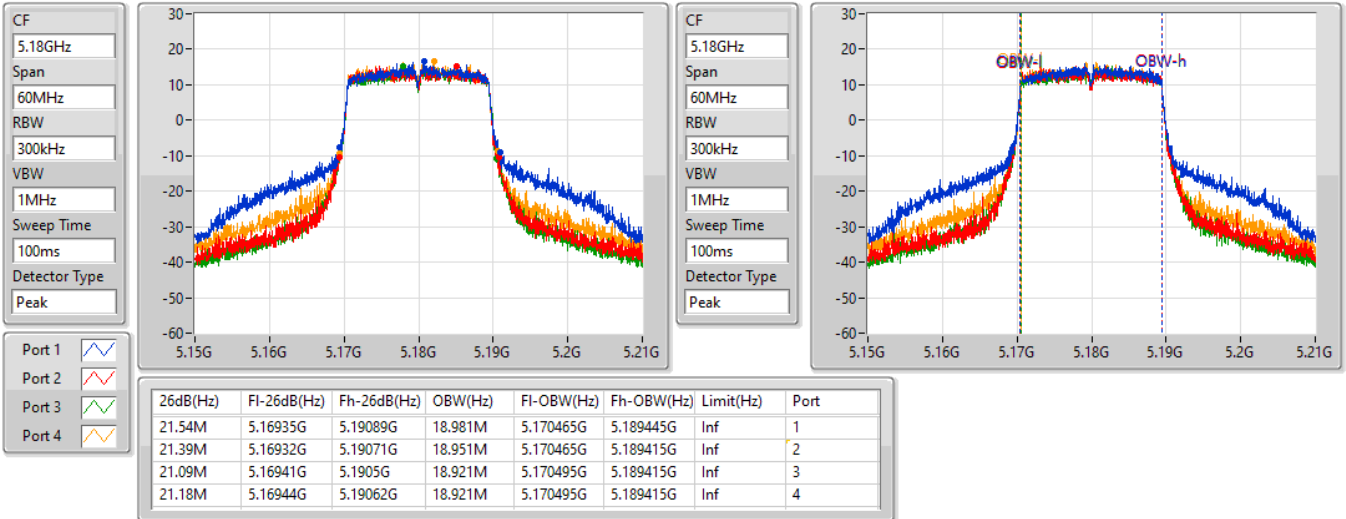


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

02/10/2021

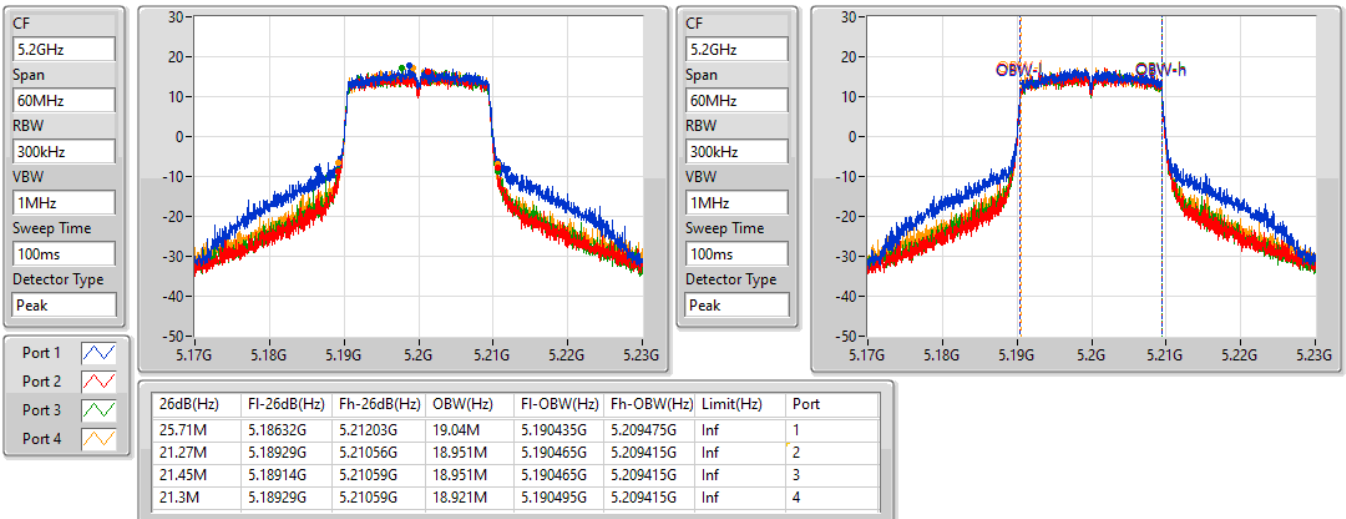


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

02/10/2021

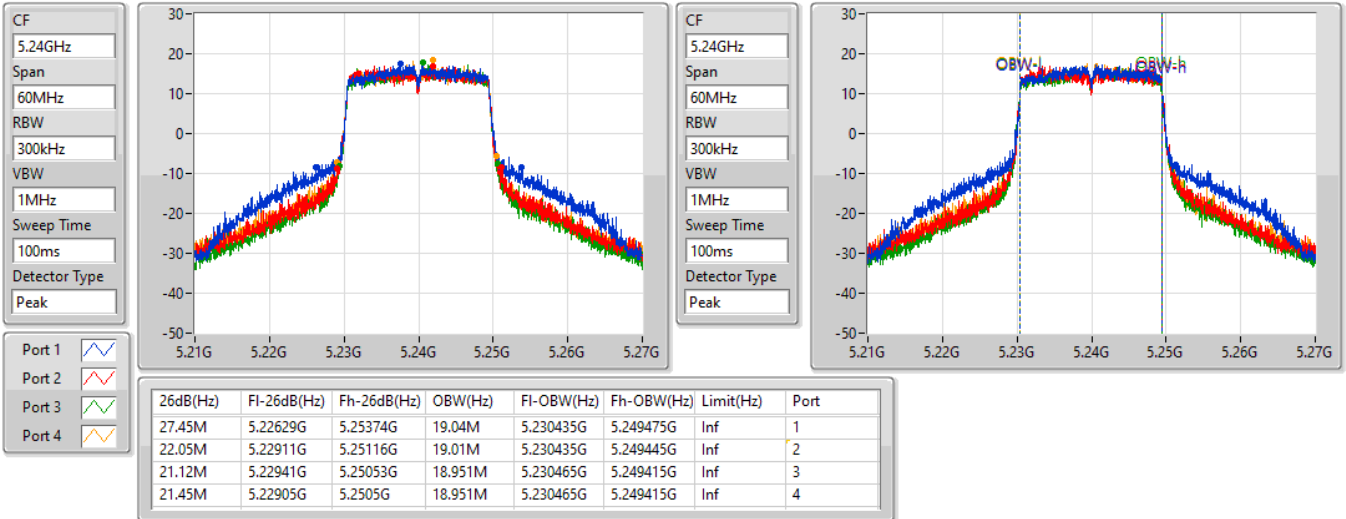


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

02/10/2021

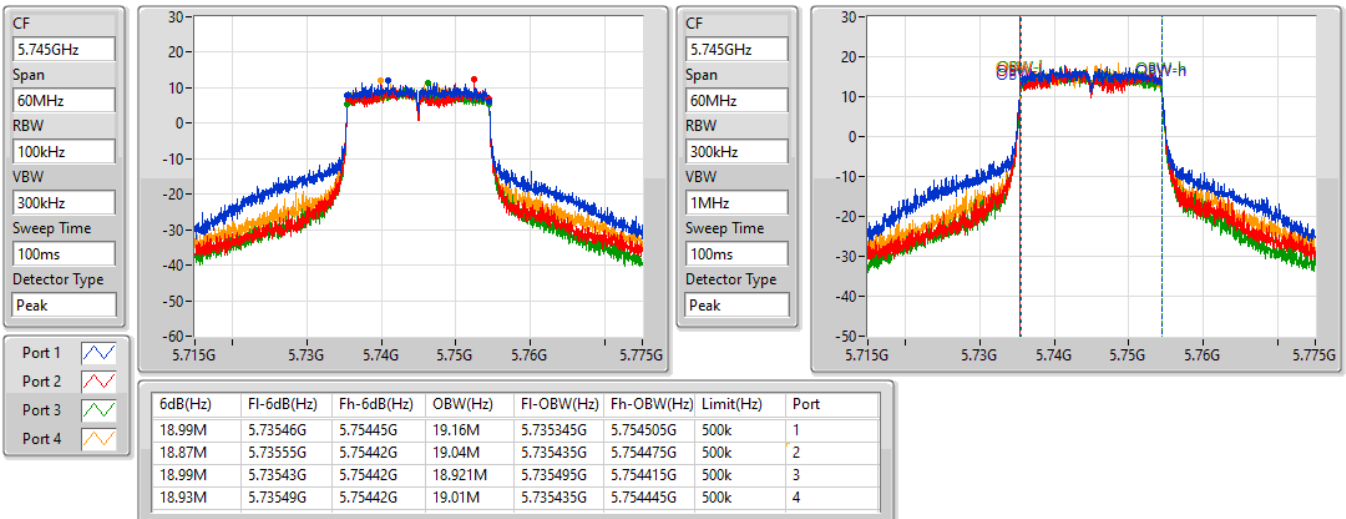


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

02/10/2021

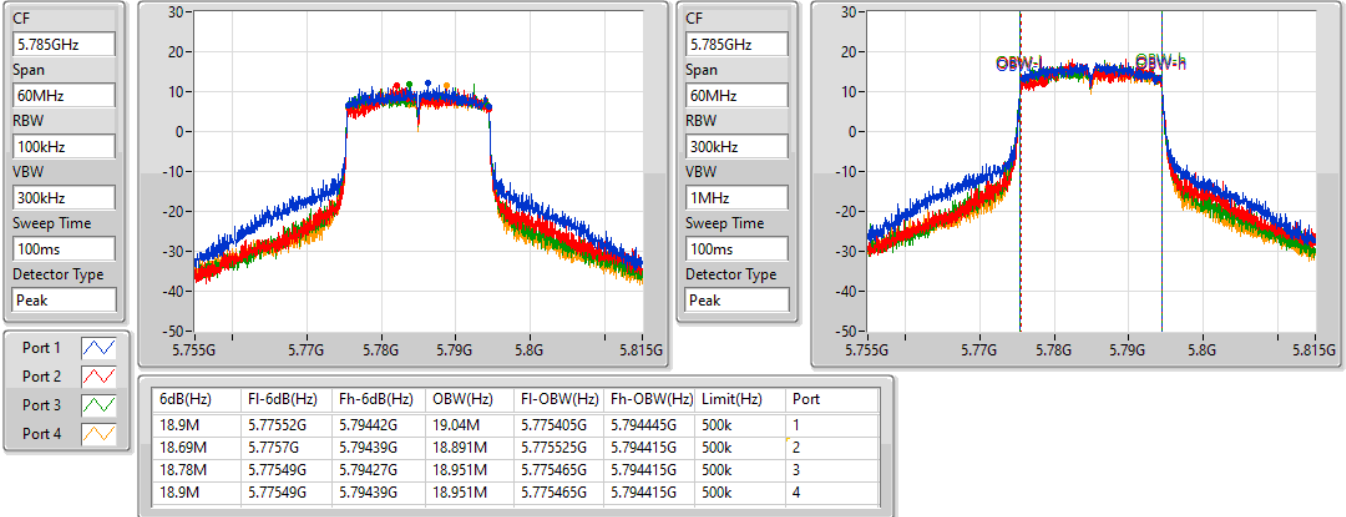


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

02/10/2021

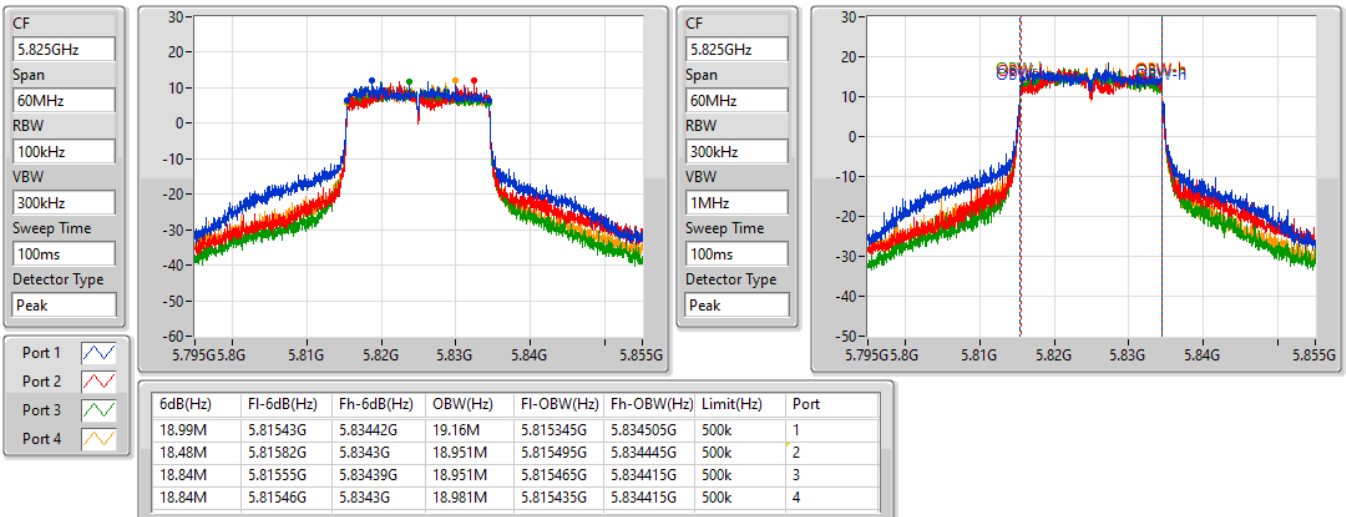


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

02/10/2021

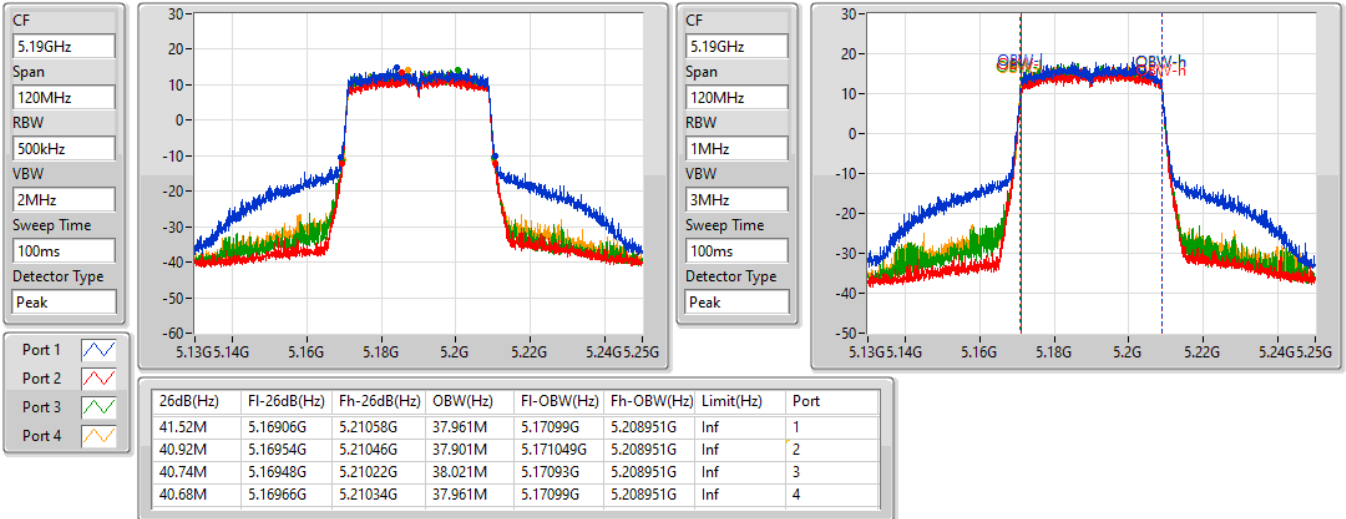


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

02/10/2021

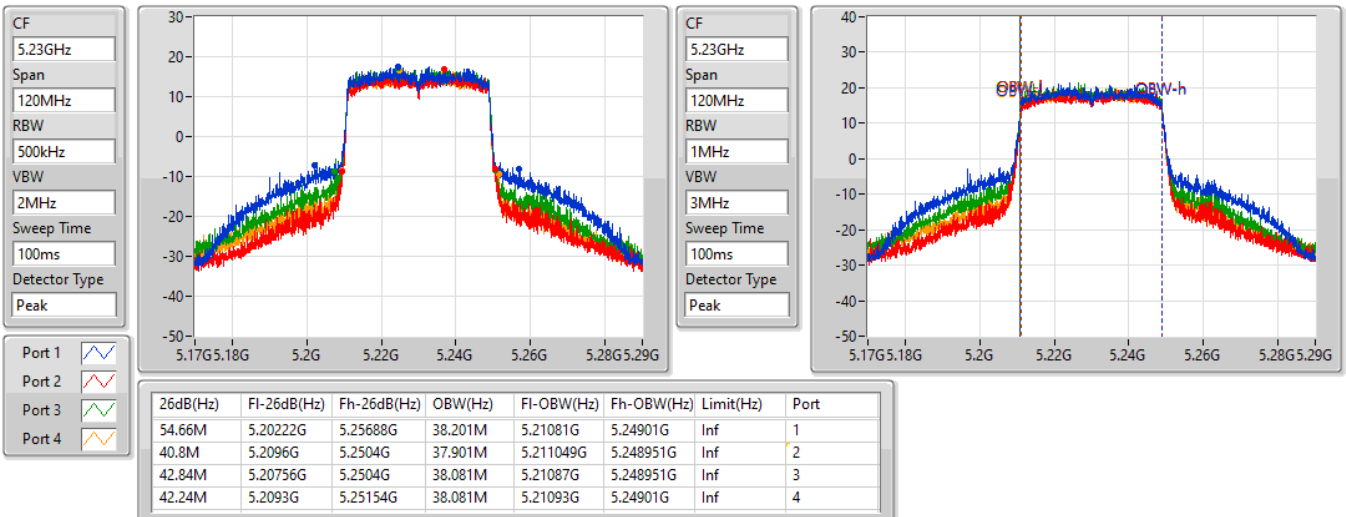


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

02/10/2021

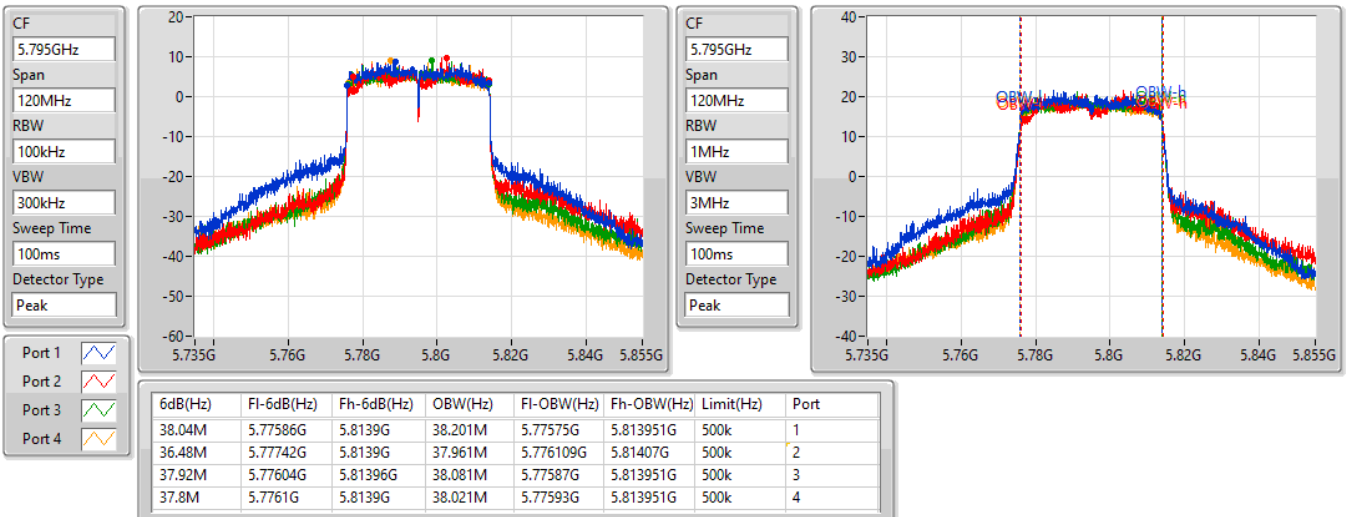


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5755MHz

02/10/2021


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5795MHz

02/10/2021

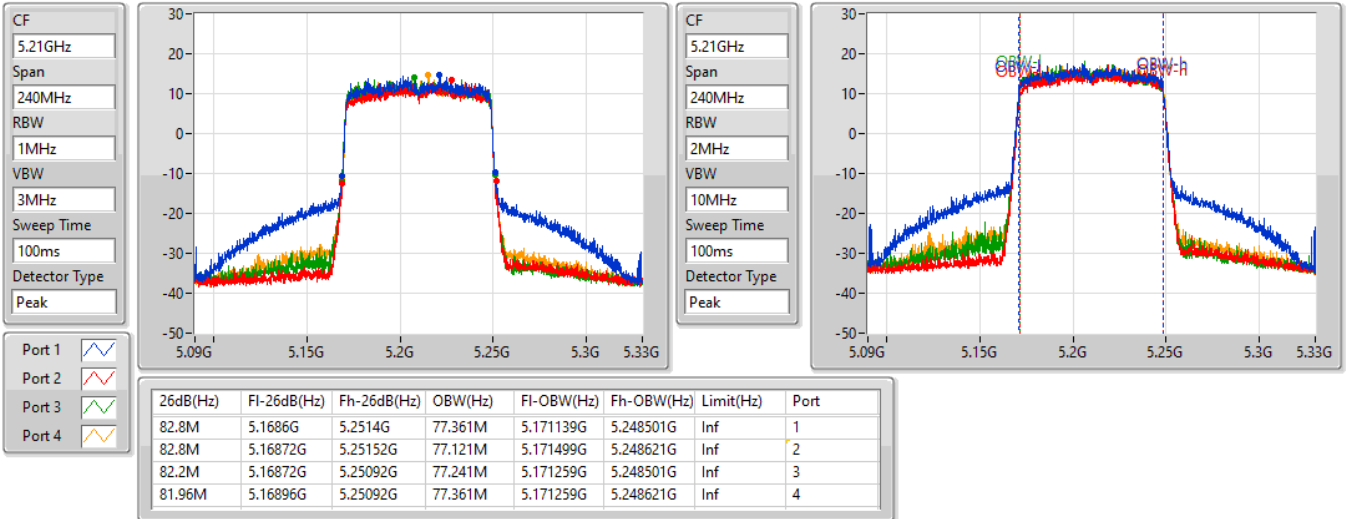


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

02/10/2021

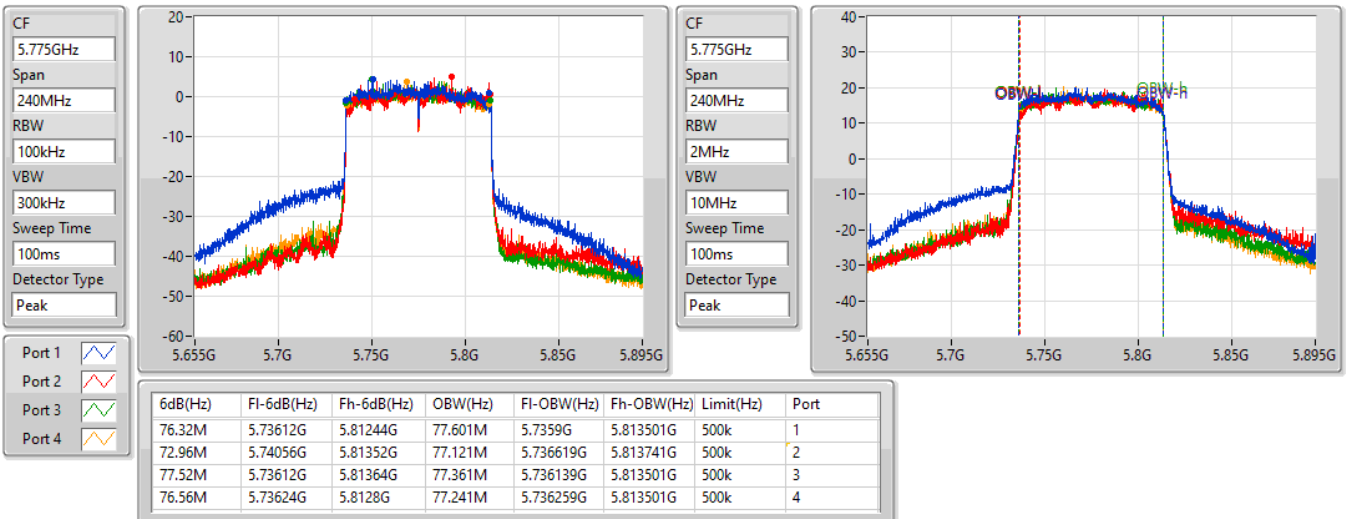


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

02/10/2021



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	22.71M	19.01M	19M0D1D	20.07M	18.861M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	50.22M	38.081M	38M1D1D	40.8M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.48M	77.481M	77M5D1D	81.12M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	23.058M	23M1D1D	13.77M	18.861M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	38.1M	38.441M	38M4D1D	21.42M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	74.52M	77.481M	77M5D1D	1.08M	77.121M

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

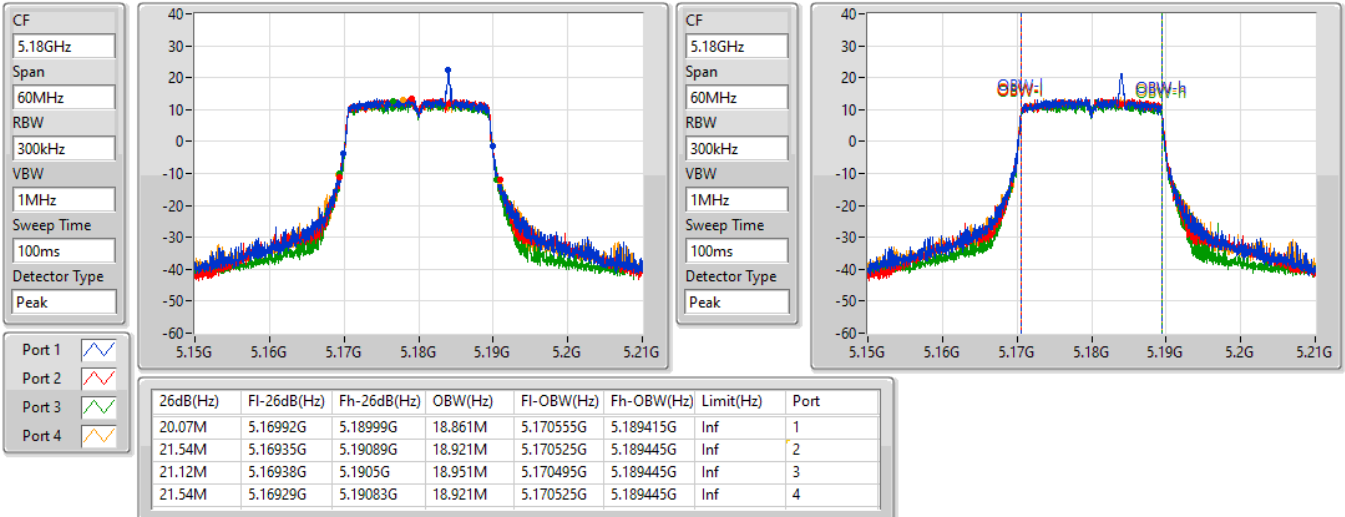
Result

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	20.07M	18.861M	21.54M	18.921M	21.12M	18.951M	21.54M	18.921M
5200MHz	Pass	Inf	22.02M	18.951M	22.71M	19.01M	21.51M	18.951M	22.53M	19.01M
5240MHz	Pass	Inf	21.78M	18.981M	21.75M	18.981M	20.34M	18.921M	21.9M	18.981M
5745MHz	Pass	500k	19.05M	19.01M	18.78M	18.981M	15M	18.891M	18.06M	18.951M
5785MHz	Pass	500k	18.63M	18.921M	18.72M	18.921M	18.96M	19.01M	18.72M	18.951M
5825MHz	Pass	500k	18.6M	18.951M	18.93M	23.058M	13.77M	18.861M	15.03M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.1M	37.901M	40.8M	38.021M	41.16M	37.841M	41.22M	37.901M
5230MHz	Pass	Inf	44.88M	38.021M	42.78M	38.081M	41.04M	38.081M	50.22M	38.081M
5755MHz	Pass	500k	21.42M	38.021M	38.1M	38.381M	33.78M	38.021M	35.4M	38.201M
5795MHz	Pass	500k	35.1M	37.901M	37.92M	38.441M	35.04M	37.961M	36.6M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	77.121M	81.48M	77.241M	81.36M	77.241M	81.12M	77.481M
5775MHz	Pass	500k	74.52M	77.121M	72.24M	77.241M	1.08M	77.481M	72.84M	77.361M

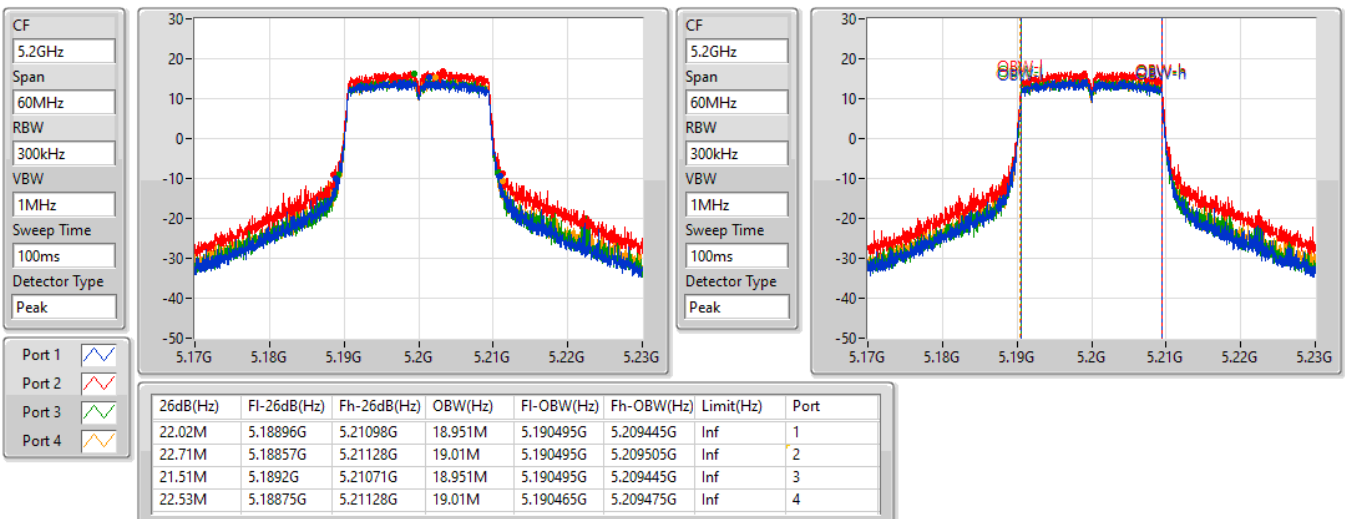
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5180MHz

04/10/2021

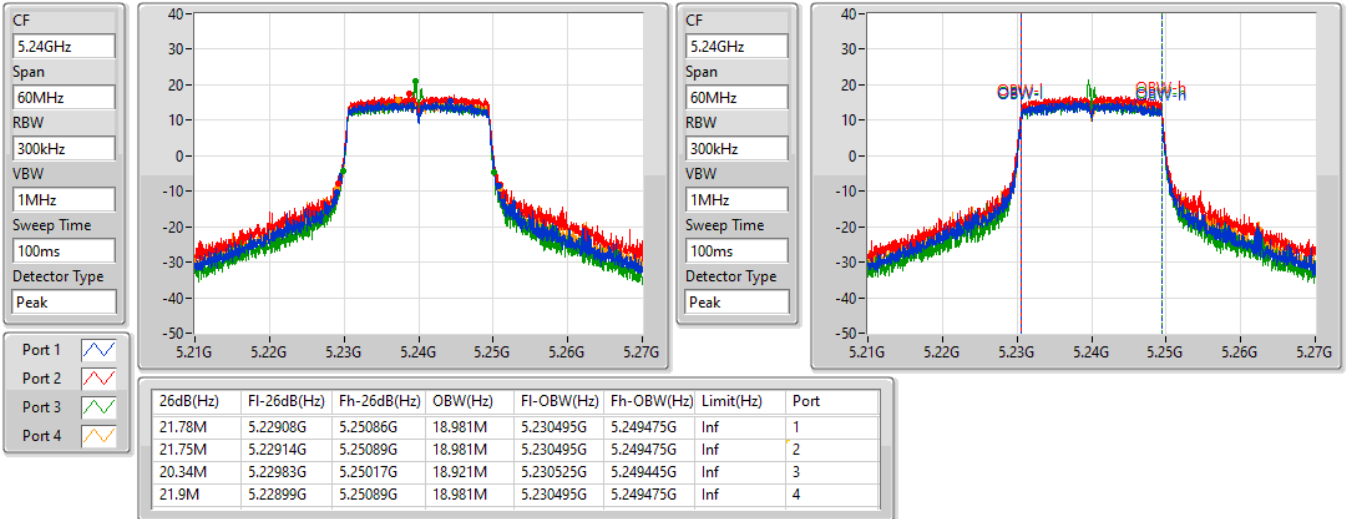

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5200MHz

04/10/2021

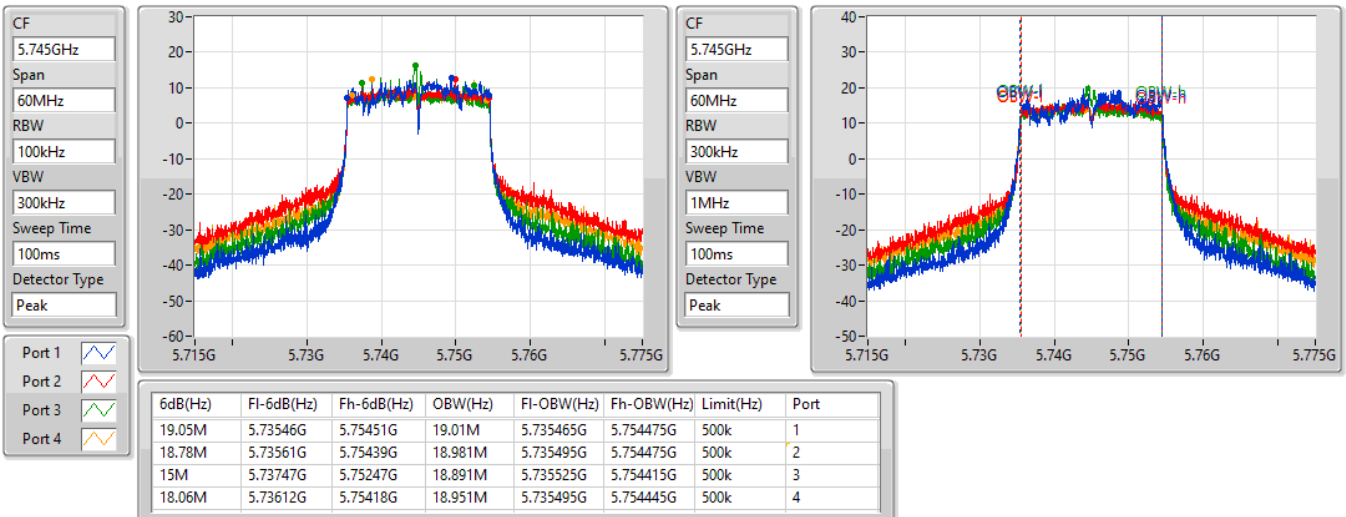


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5240MHz

04/10/2021

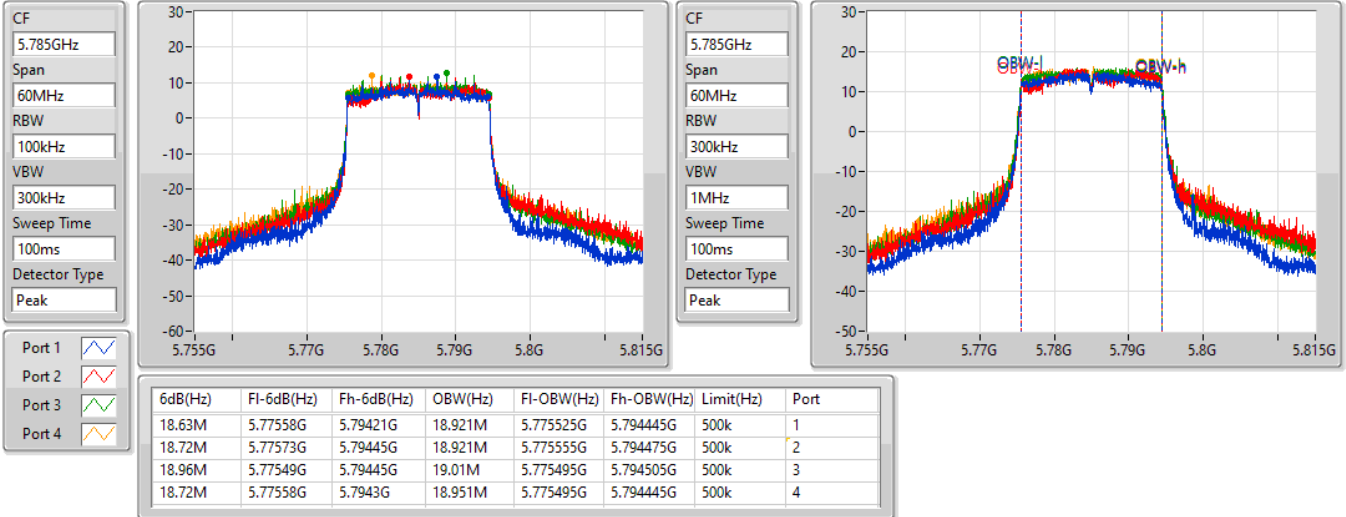

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5745MHz

04/10/2021

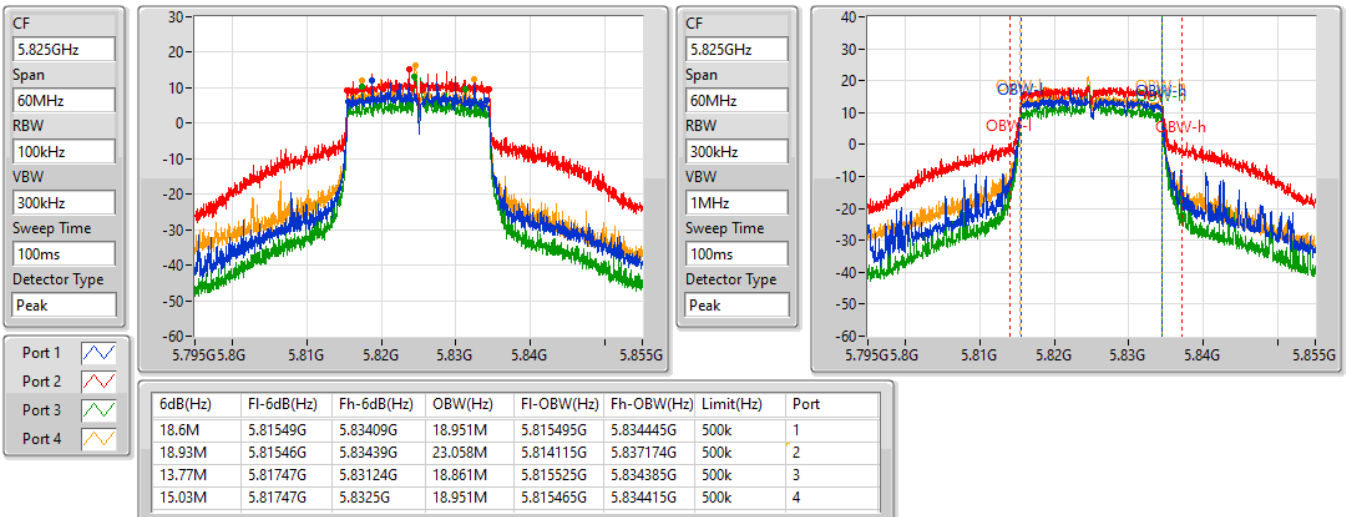


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5785MHz

04/10/2021

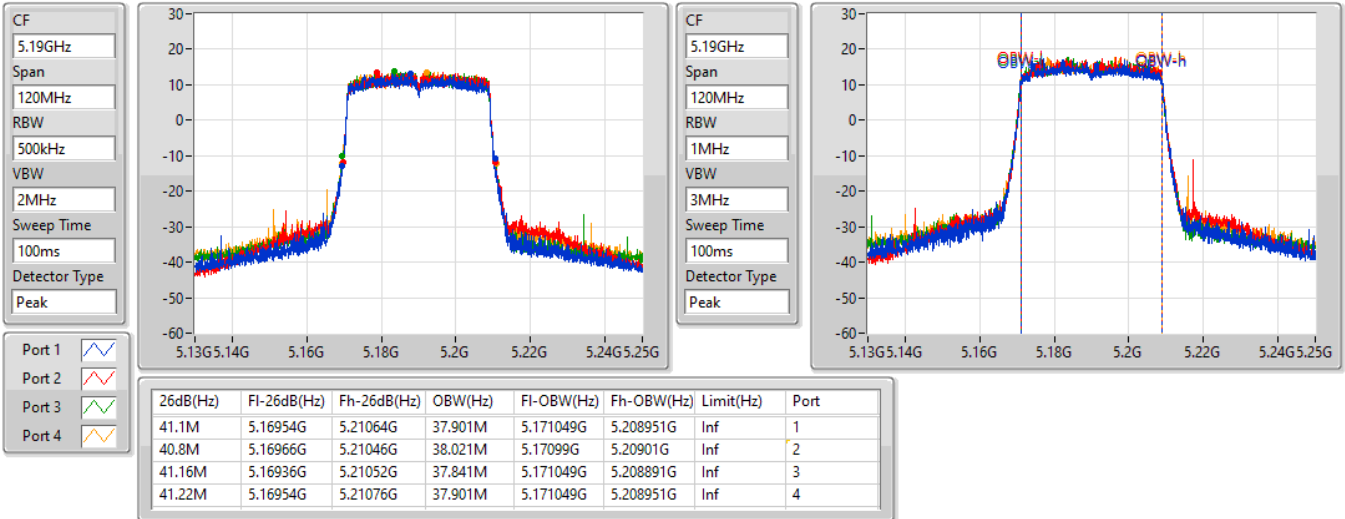

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz

04/10/2021

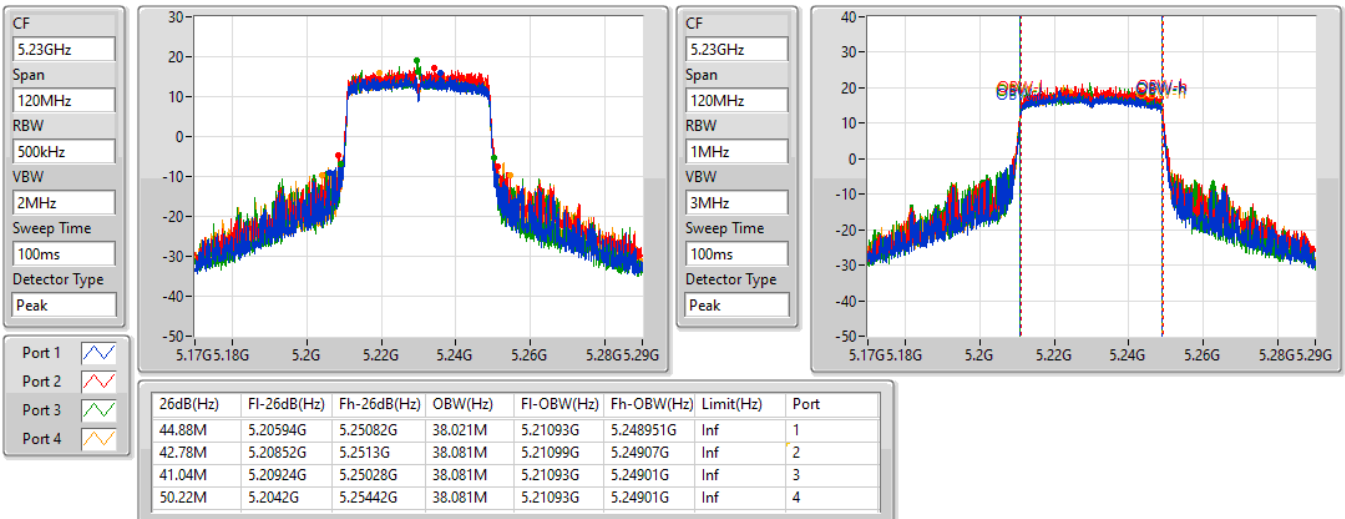


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5190MHz

04/10/2021

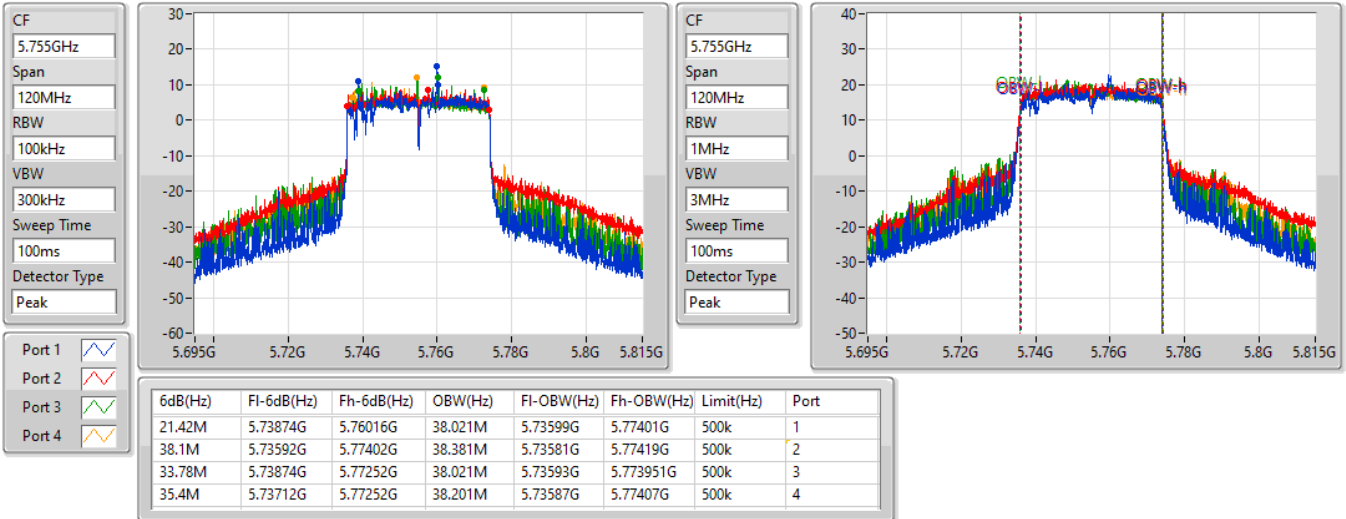

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5230MHz

04/10/2021

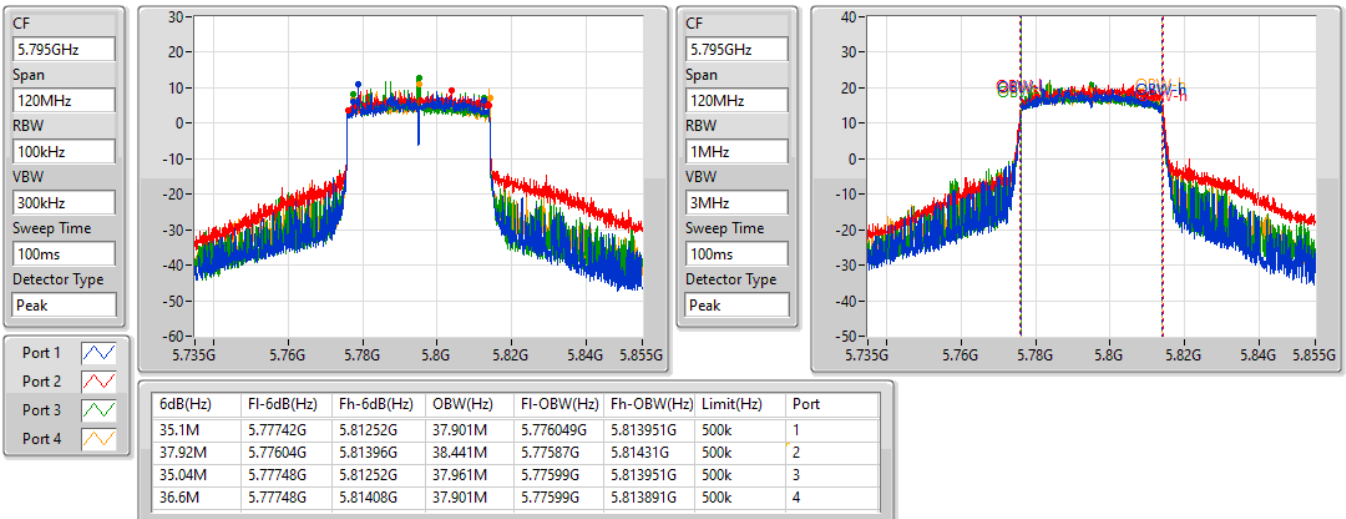


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz

04/10/2021

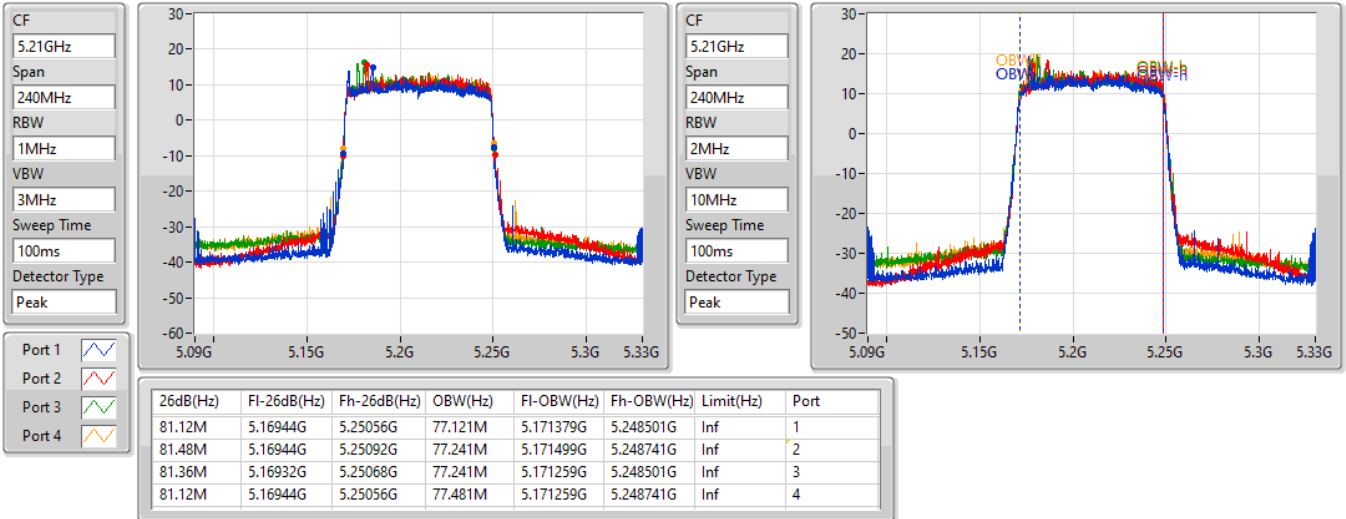

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5795MHz

04/10/2021

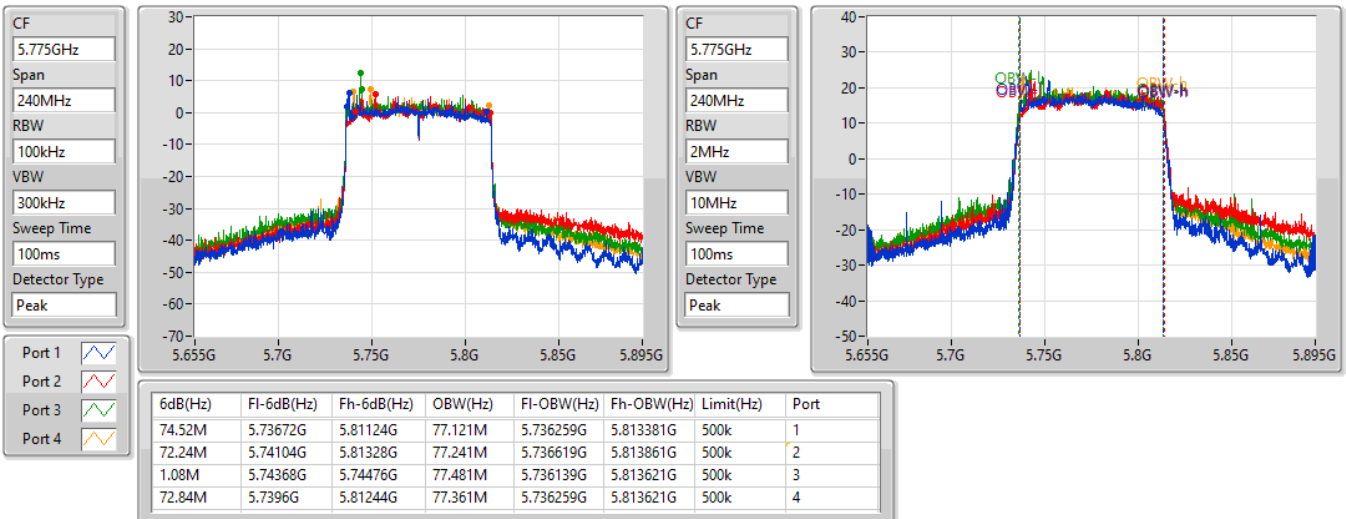


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5210MHz

04/10/2021


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5775MHz

04/10/2021





Average Power_Non beamforming mode

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.70	0.93325
802.11ax HEW20_Nss1,(MCS0)_4TX	29.82	0.95940
802.11ax HEW40_Nss1,(MCS0)_4TX	29.83	0.96161
802.11ax HEW80_Nss1,(MCS0)_4TX	26.03	0.40087
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.66	0.92470
802.11ax HEW20_Nss1,(MCS0)_4TX	29.96	0.99083
802.11ax HEW40_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ax HEW80_Nss1,(MCS0)_4TX	28.05	0.63826

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	3.07	22.92	22.95	22.67	23.29	28.98	30.00
5200MHz	Pass	3.07	23.87	23.37	23.63	23.66	29.66	30.00
5240MHz	Pass	3.07	23.84	23.32	23.98	23.53	29.70	30.00
5745MHz	Pass	2.53	23.91	23.28	23.52	23.79	29.65	30.00
5785MHz	Pass	2.53	23.95	23.56	23.65	23.39	29.66	30.00
5825MHz	Pass	2.53	23.97	23.25	23.58	23.45	29.59	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.07	22.39	21.83	21.72	22.25	28.08	30.00
5200MHz	Pass	3.07	23.96	23.27	23.38	23.41	29.53	30.00
5240MHz	Pass	3.07	24.18	23.73	23.58	23.68	29.82	30.00
5745MHz	Pass	2.53	24.45	23.56	23.68	24.01	29.96	30.00
5785MHz	Pass	2.53	24.36	23.58	23.82	23.54	29.86	30.00
5825MHz	Pass	2.53	24.23	23.34	23.45	23.59	29.69	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.07	21.37	20.48	21.11	20.81	26.98	30.00
5230MHz	Pass	3.07	24.26	23.31	24.07	23.51	29.83	30.00
5755MHz	Pass	2.53	24.13	23.22	23.73	23.27	29.62	30.00
5795MHz	Pass	2.53	24.45	23.73	24.06	23.54	29.98	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.07	20.41	19.58	20.15	19.87	26.03	30.00
5775MHz	Pass	2.53	22.43	21.80	22.02	21.83	28.05	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.95	0.98855
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.95	0.98855
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.99	0.31550
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.74	0.94189
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.61	0.91411
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	28.90	0.77625

**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	3.75	21.03	21.51	20.84	21.51	27.25	30.00
5200MHz	Pass	3.75	23.92	24.06	23.73	23.75	29.89	30.00
5240MHz	Pass	3.75	23.36	24.76	23.51	23.95	29.95	30.00
5745MHz	Pass	2.98	22.44	23.55	23.82	23.72	29.44	30.00
5785MHz	Pass	2.98	22.61	23.76	23.09	23.97	29.41	30.00
5825MHz	Pass	2.98	23.01	24.75	22.88	23.97	29.74	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.75	20.71	21.28	21.30	21.35	27.19	30.00
5230MHz	Pass	3.75	23.53	24.01	24.07	24.09	29.95	30.00
5755MHz	Pass	2.98	22.68	23.85	23.89	23.84	29.61	30.00
5795MHz	Pass	2.98	22.80	24.25	23.64	22.86	29.45	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.75	18.64	19.11	18.82	19.28	24.99	30.00
5775MHz	Pass	2.98	22.21	22.56	23.60	23.03	28.90	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.96
802.11ax HEW20_Nss1,(MCS0)_4TX	16.50
802.11ax HEW40_Nss1,(MCS0)_4TX	13.66
802.11ax HEW80_Nss1,(MCS0)_4TX	7.02
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.70
802.11ax HEW20_Nss1,(MCS0)_4TX	15.26
802.11ax HEW40_Nss1,(MCS0)_4TX	12.41
802.11ax HEW80_Nss1,(MCS0)_4TX	7.79

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	3.75	10.82	10.28	10.35	10.70	16.26	17.00
5200MHz	Pass	3.75	11.61	11.02	11.12	11.15	16.94	17.00
5240MHz	Pass	3.75	11.72	10.97	11.44	10.99	16.96	17.00
5745MHz	Pass	2.98	10.27	10.03	9.75	10.29	15.70	30.00
5785MHz	Pass	2.98	10.53	10.13	9.88	9.75	15.63	30.00
5825MHz	Pass	2.98	10.45	10.16	9.69	9.29	15.25	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.75	9.45	8.51	8.56	9.02	14.74	17.00
5200MHz	Pass	3.75	10.99	10.02	10.54	10.24	16.24	17.00
5240MHz	Pass	3.75	11.37	10.39	10.45	10.58	16.50	17.00
5745MHz	Pass	2.98	9.74	9.30	9.16	9.59	15.26	30.00
5785MHz	Pass	2.98	10.02	9.89	9.31	9.09	15.20	30.00
5825MHz	Pass	2.98	9.48	9.46	8.88	8.89	14.83	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.75	5.57	4.16	4.97	4.69	10.66	17.00
5230MHz	Pass	3.75	8.66	7.32	8.10	7.49	13.66	17.00
5755MHz	Pass	2.98	6.51	6.45	6.31	6.28	12.10	30.00
5795MHz	Pass	2.98	7.26	7.30	6.61	6.36	12.41	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.75	1.97	0.71	1.25	0.95	7.02	17.00
5775MHz	Pass	2.98	2.51	2.27	1.85	1.71	7.79	30.00

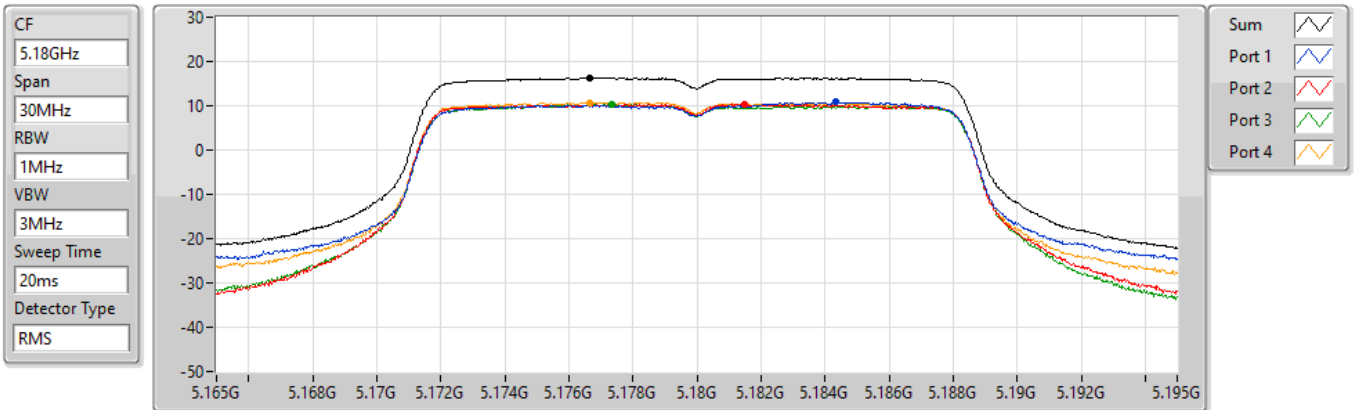
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

02/10/2021



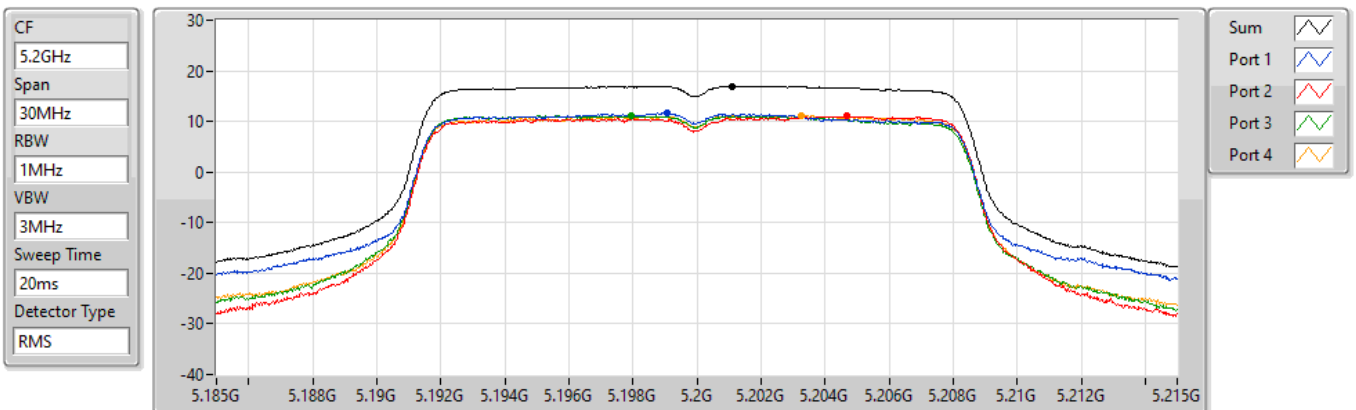
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.26	16.26	10.82	10.28	10.35	10.70

802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

02/10/2021



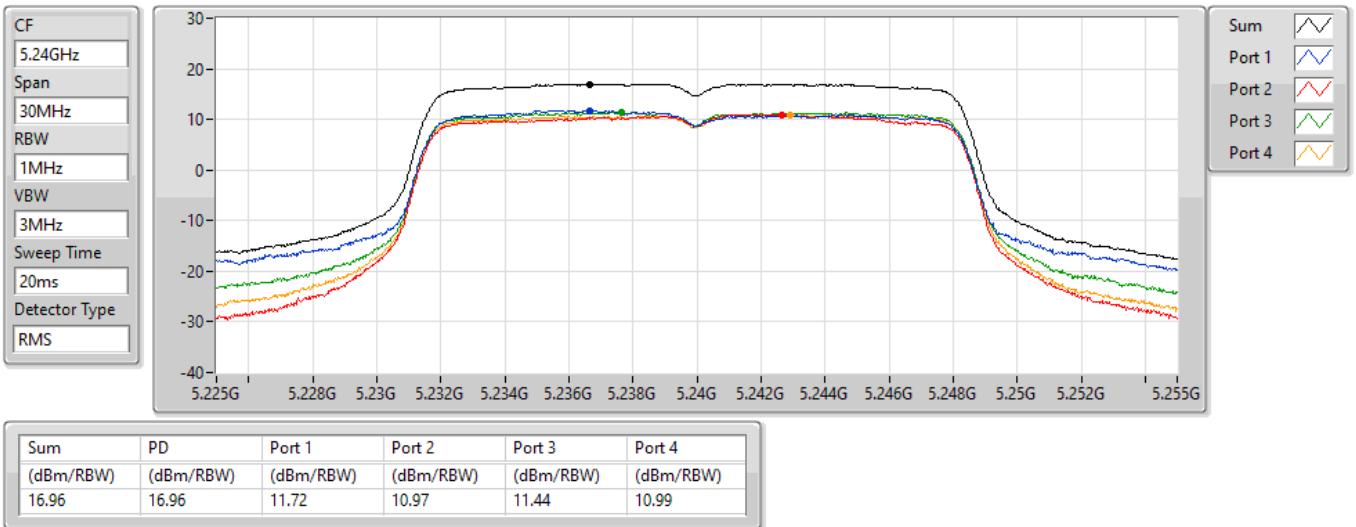
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.94	16.94	11.61	11.02	11.12	11.15

802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

02/10/2021

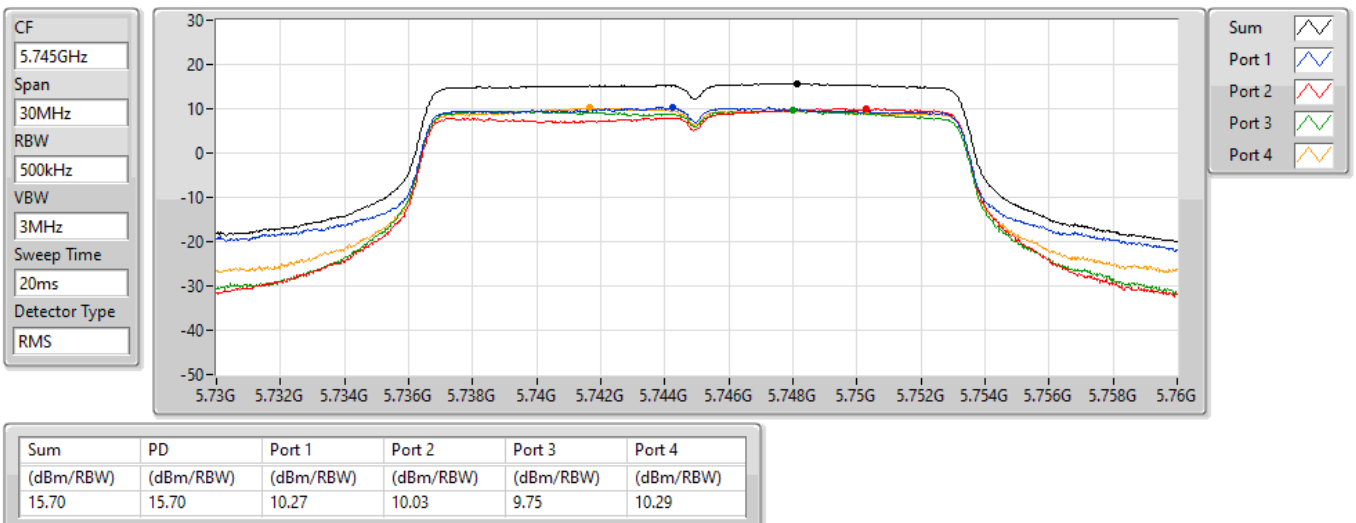


802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

02/10/2021

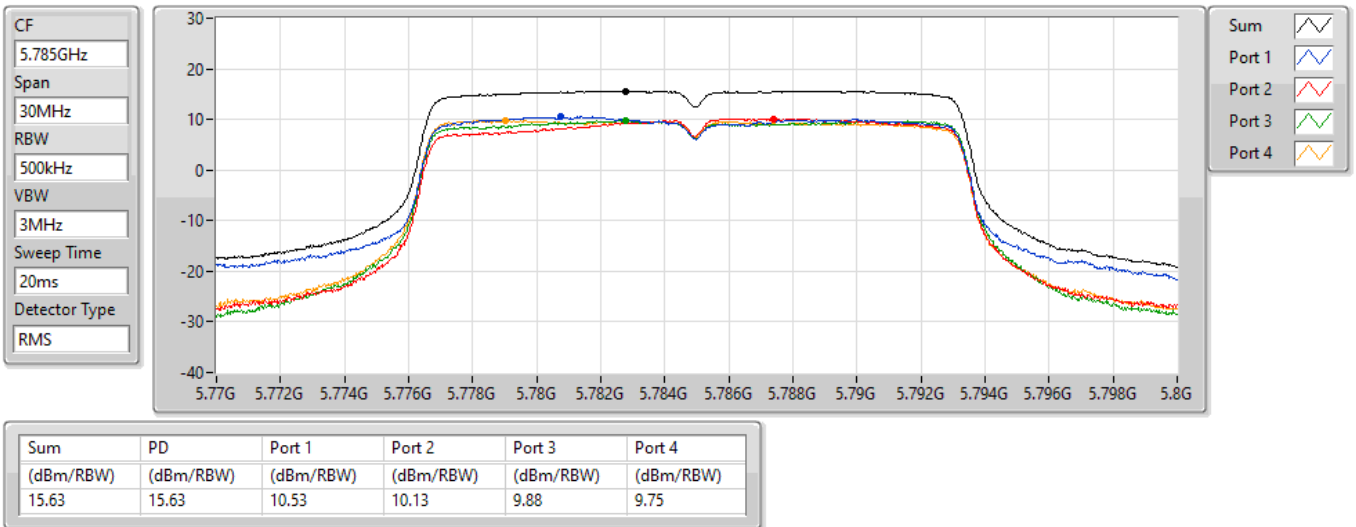


802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

02/10/2021

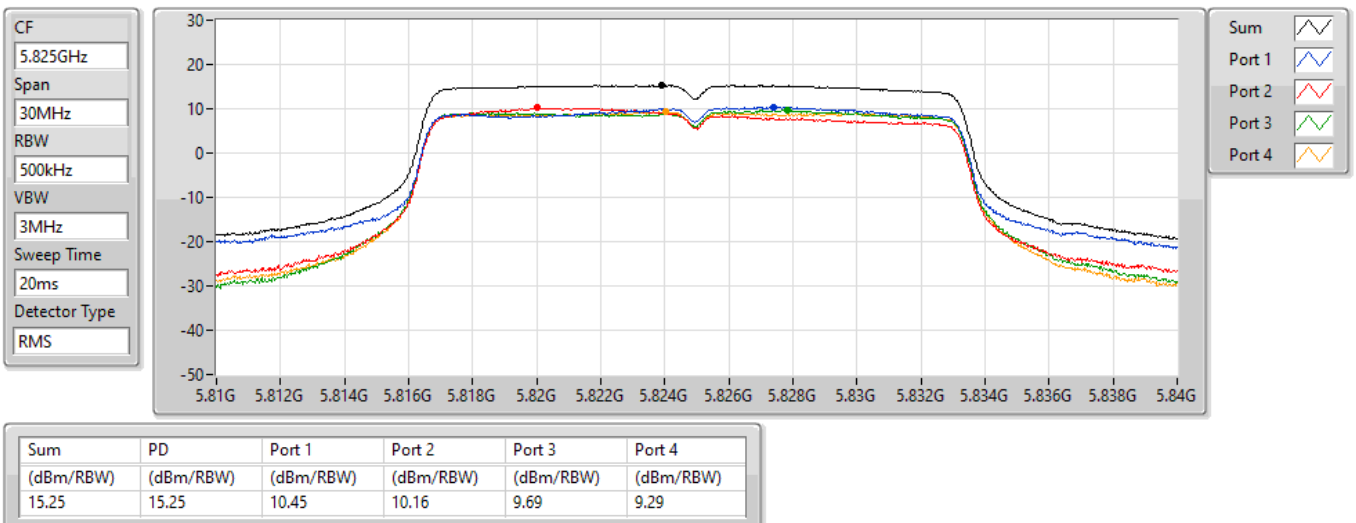


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

02/10/2021

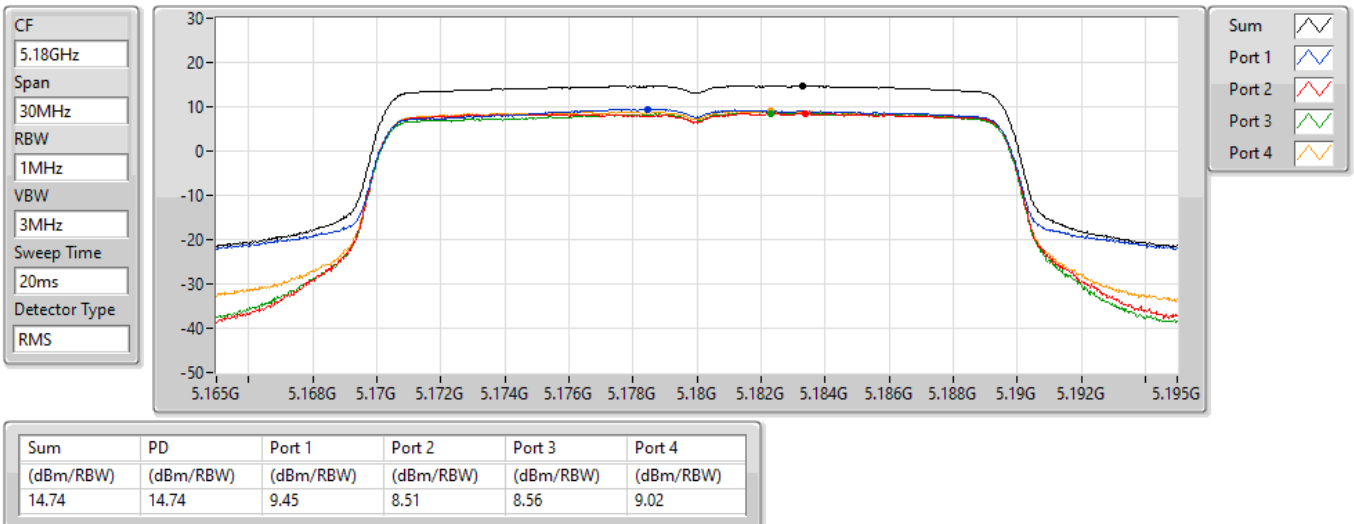


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

02/10/2021

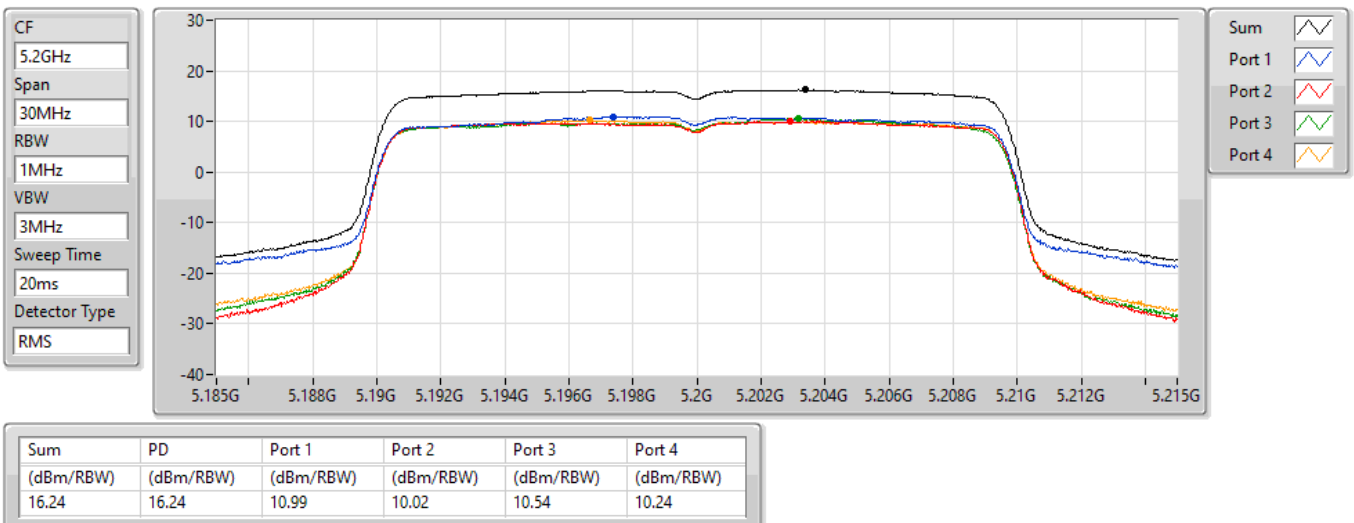


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

02/10/2021

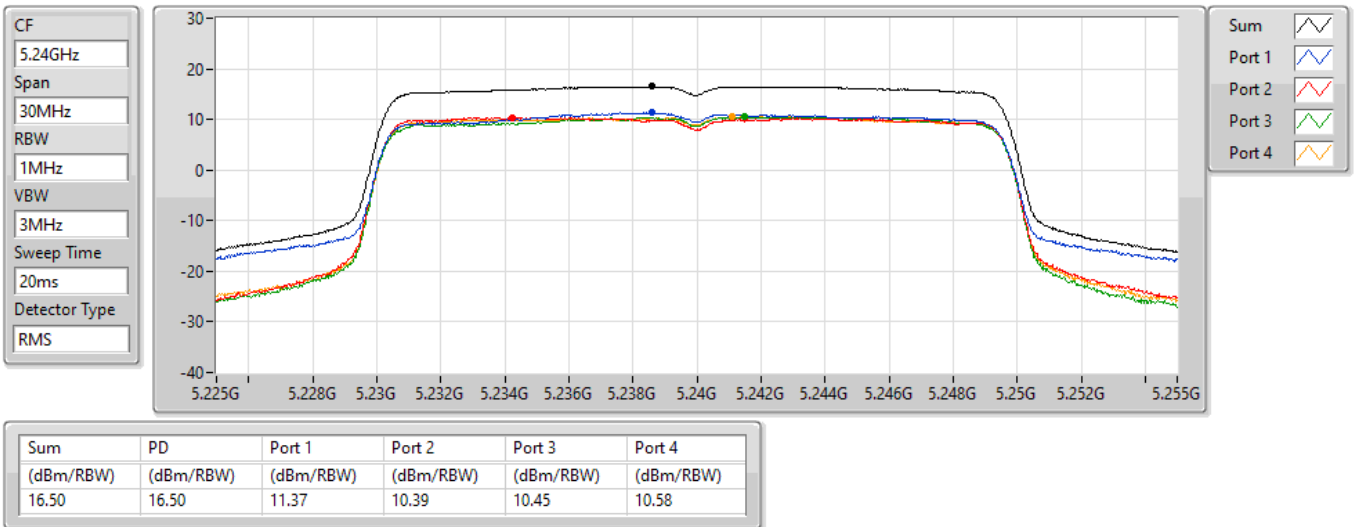


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

02/10/2021

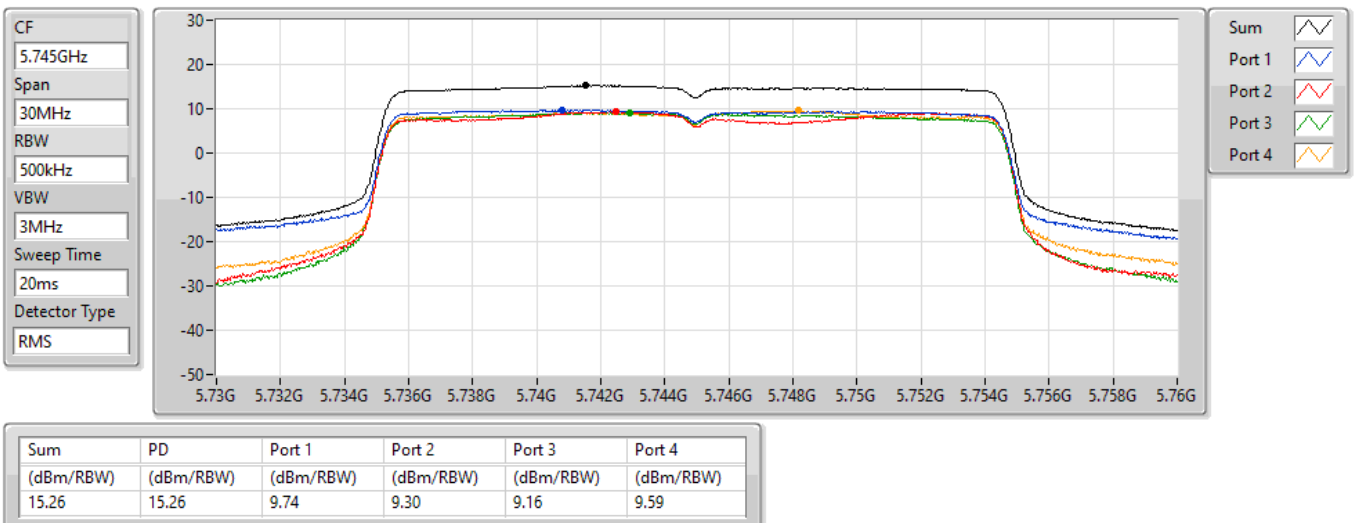


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

02/10/2021

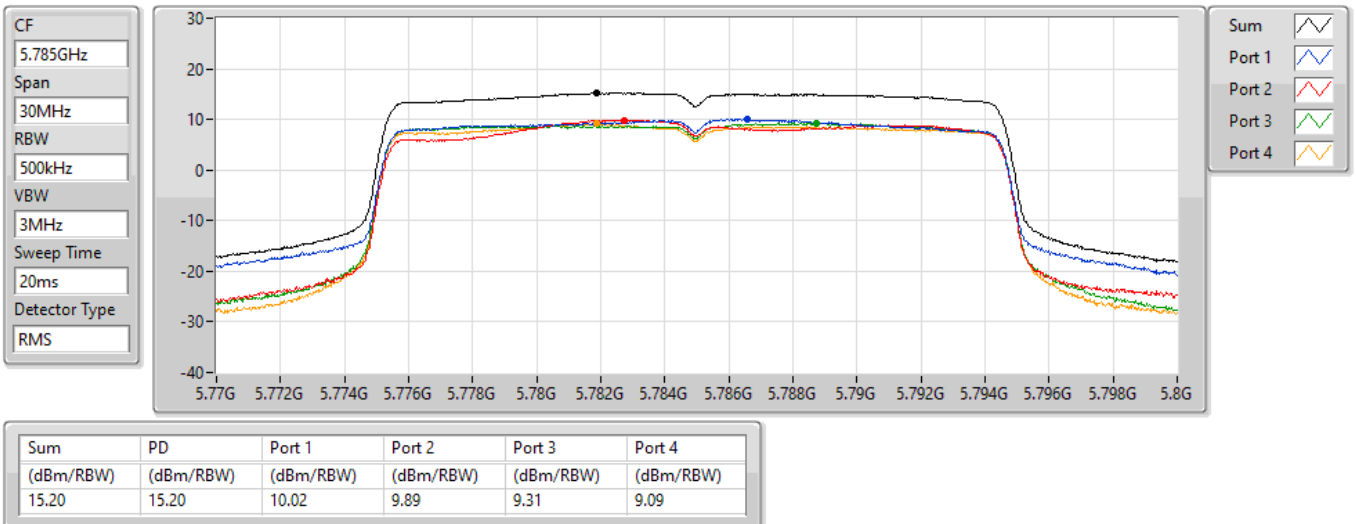


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

02/10/2021

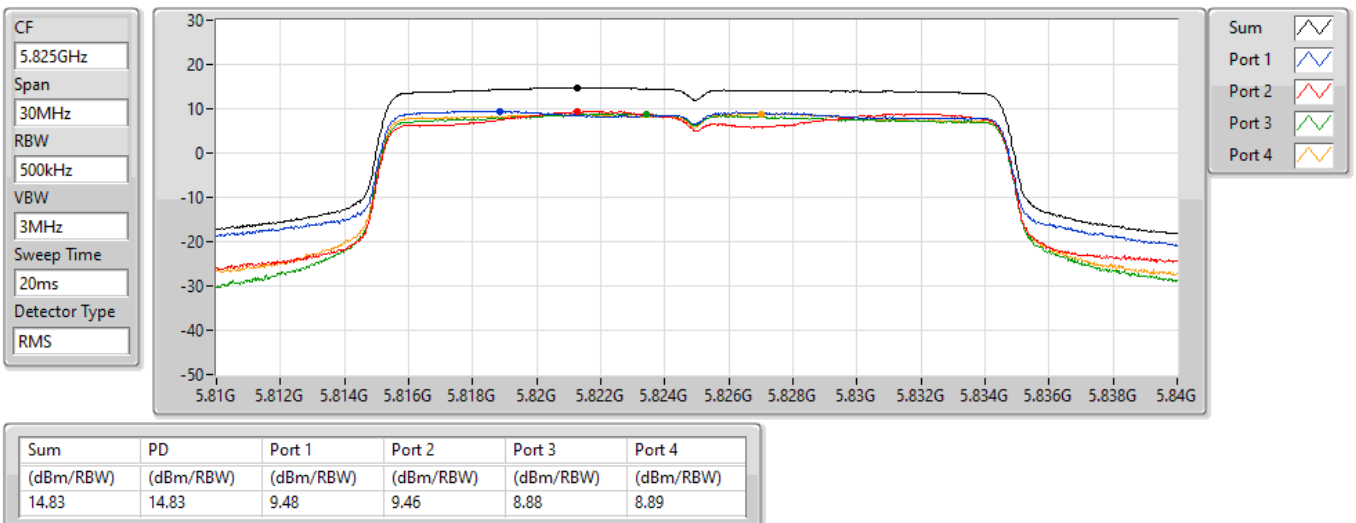


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

02/10/2021

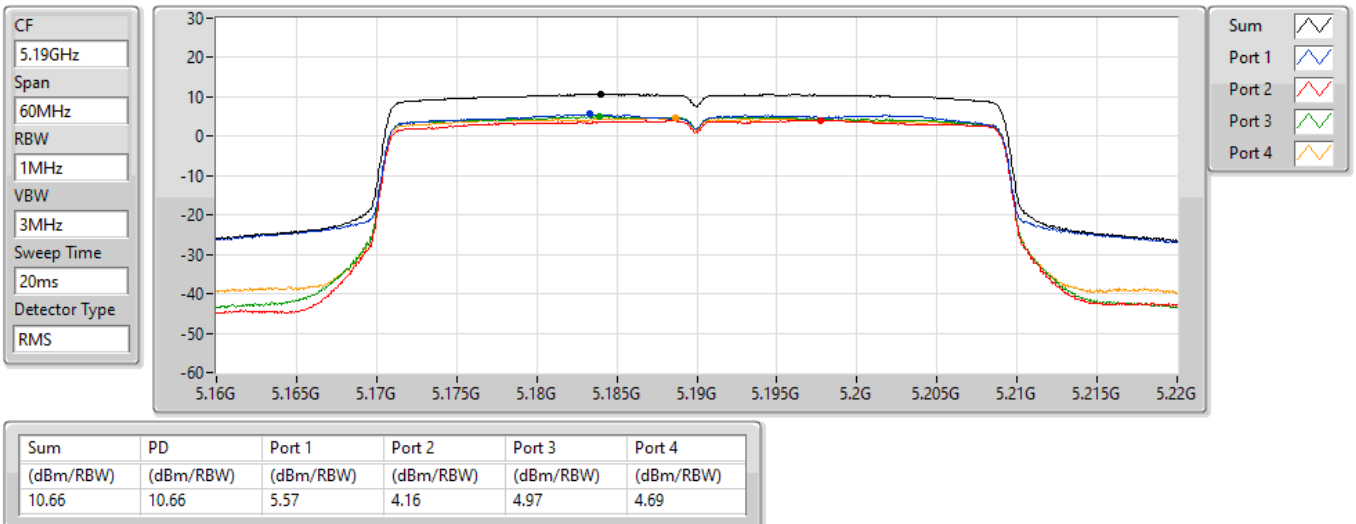


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

02/10/2021

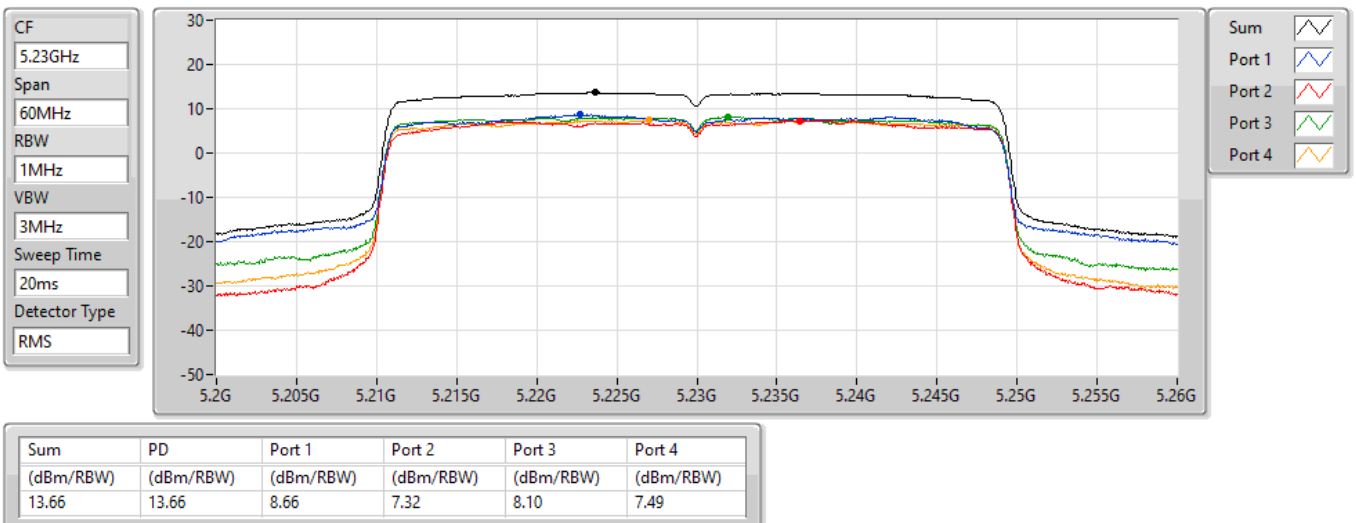


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

02/10/2021

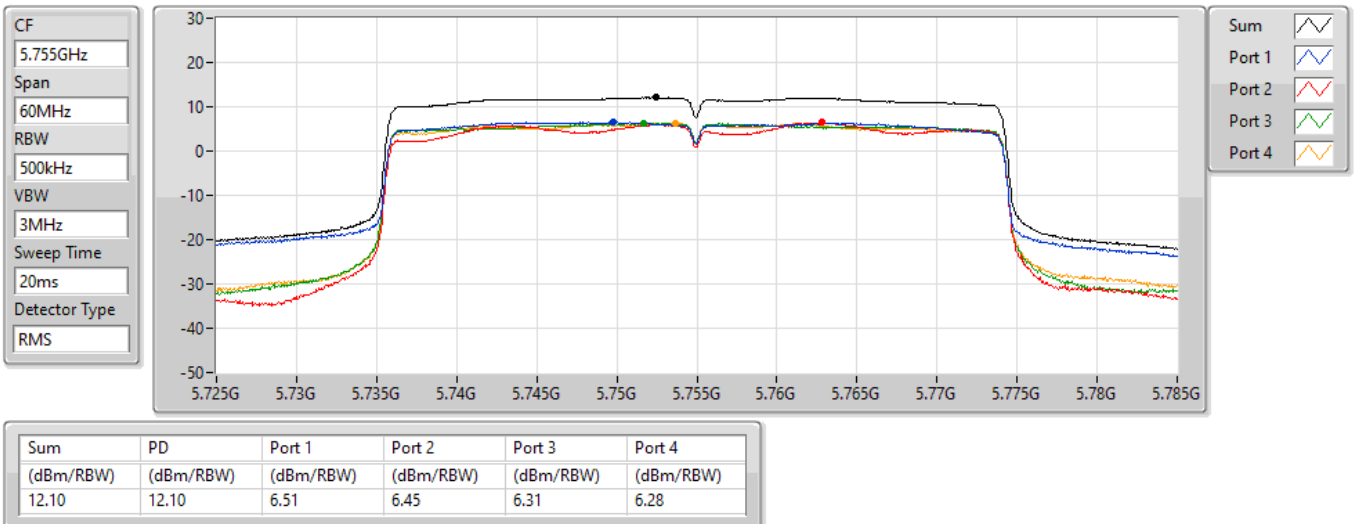


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

02/10/2021

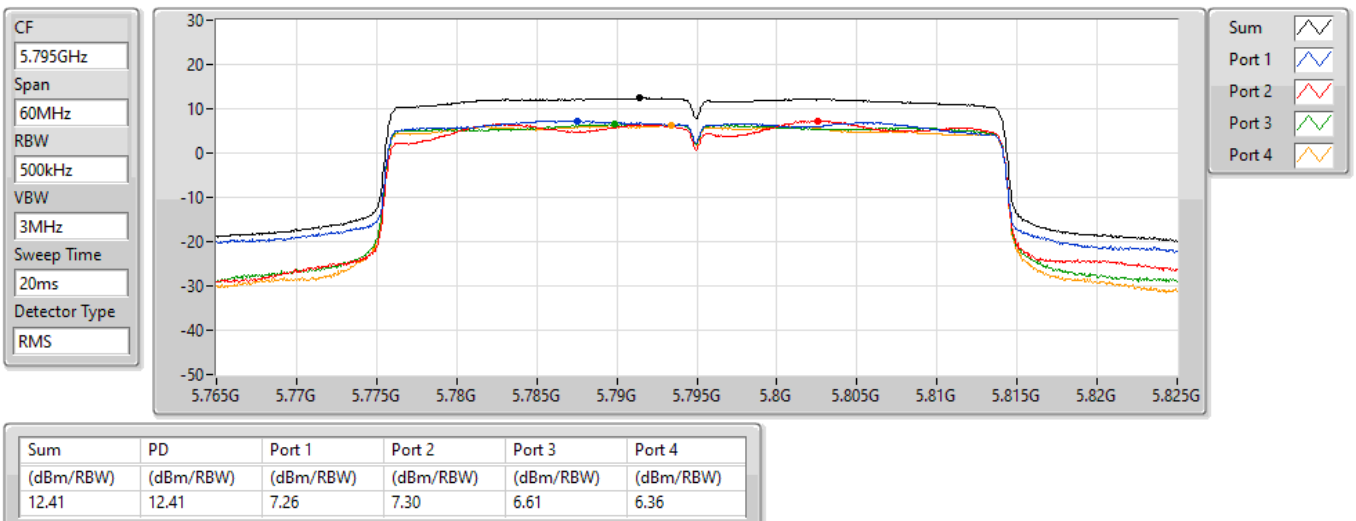


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

02/10/2021

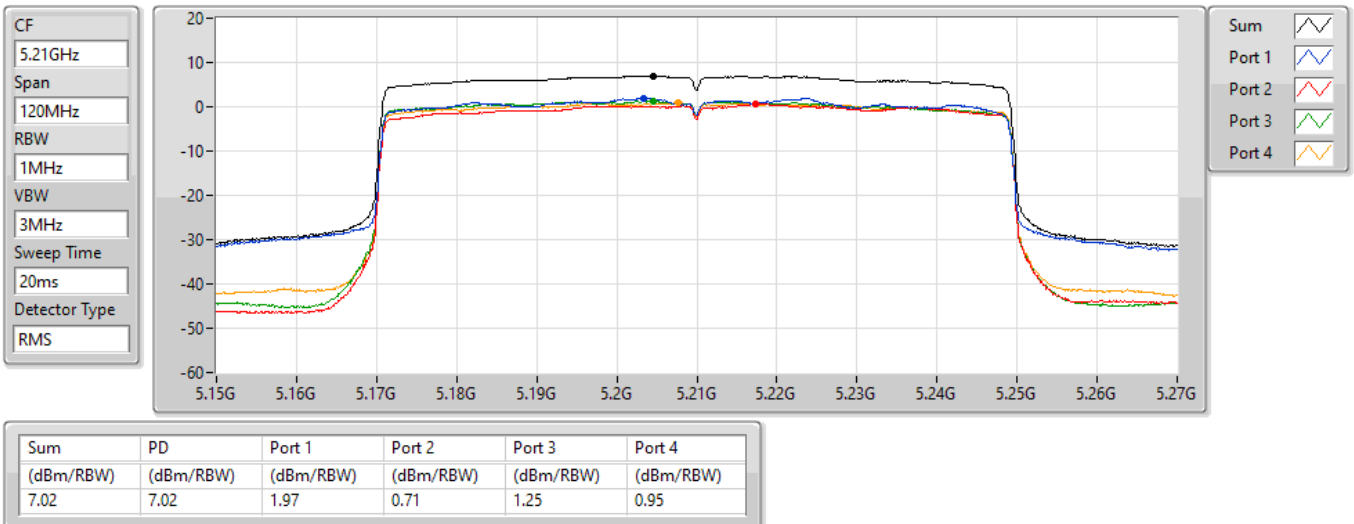


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

02/10/2021

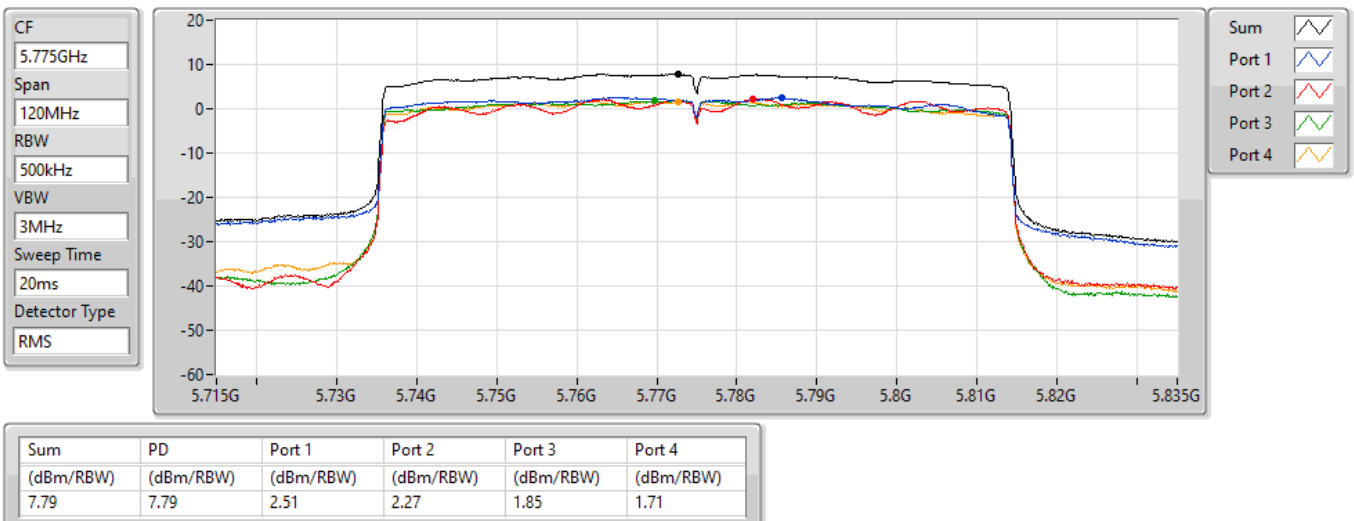


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

02/10/2021





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.97
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.70
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.56
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.65
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.90

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	3.75	10.87	8.07	6.88	7.80	14.19	17.00
5200MHz	Pass	3.75	8.96	11.14	9.57	9.48	15.72	17.00
5240MHz	Pass	3.75	9.19	11.16	11.59	9.80	15.97	17.00
5745MHz	Pass	2.98	7.35	9.15	8.85	8.44	14.27	30.00
5785MHz	Pass	2.98	8.00	9.01	8.92	8.94	14.51	30.00
5825MHz	Pass	2.98	7.10	10.65	7.31	9.24	14.65	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.75	3.98	4.64	4.88	4.79	10.32	17.00
5230MHz	Pass	3.75	6.00	7.49	9.04	6.48	12.70	17.00
5755MHz	Pass	2.98	12.10	6.22	7.57	6.23	13.90	30.00
5795MHz	Pass	2.98	5.01	6.47	6.83	6.94	11.88	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.75	-0.80	0.21	0.36	-0.10	5.56	17.00
5775MHz	Pass	2.98	1.27	2.64	2.44	2.16	7.90	30.00

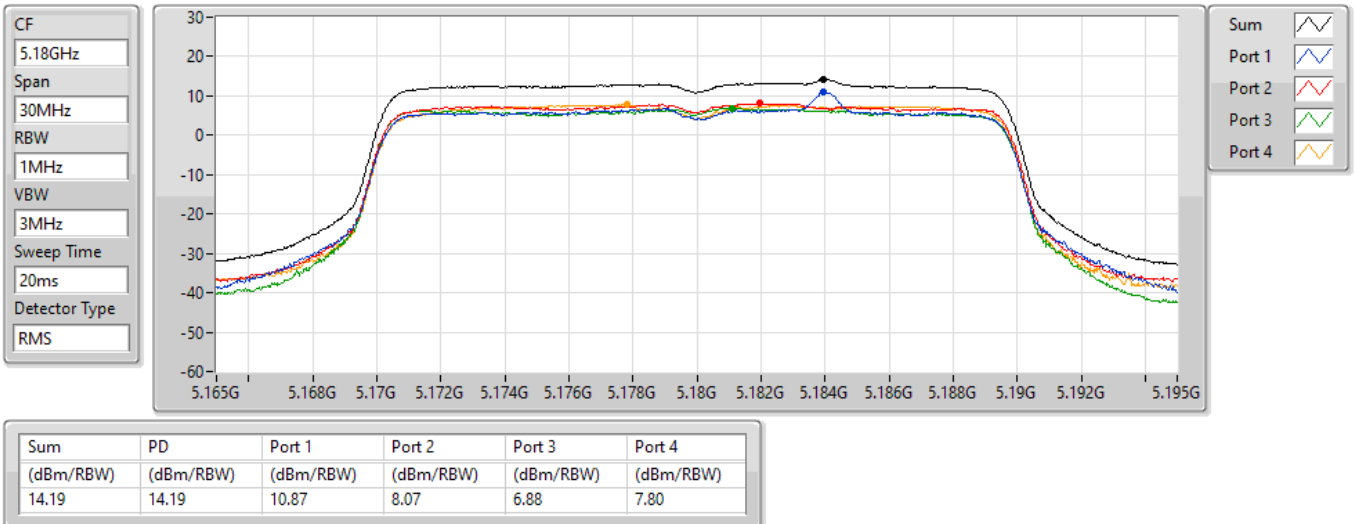
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

04/10/2021

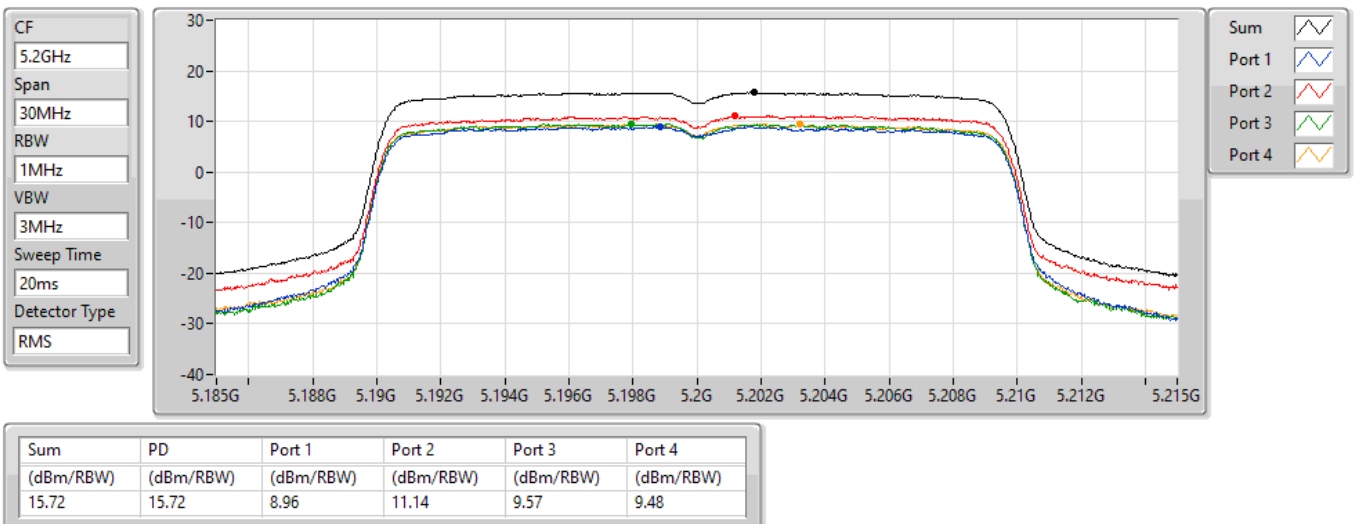


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

04/10/2021

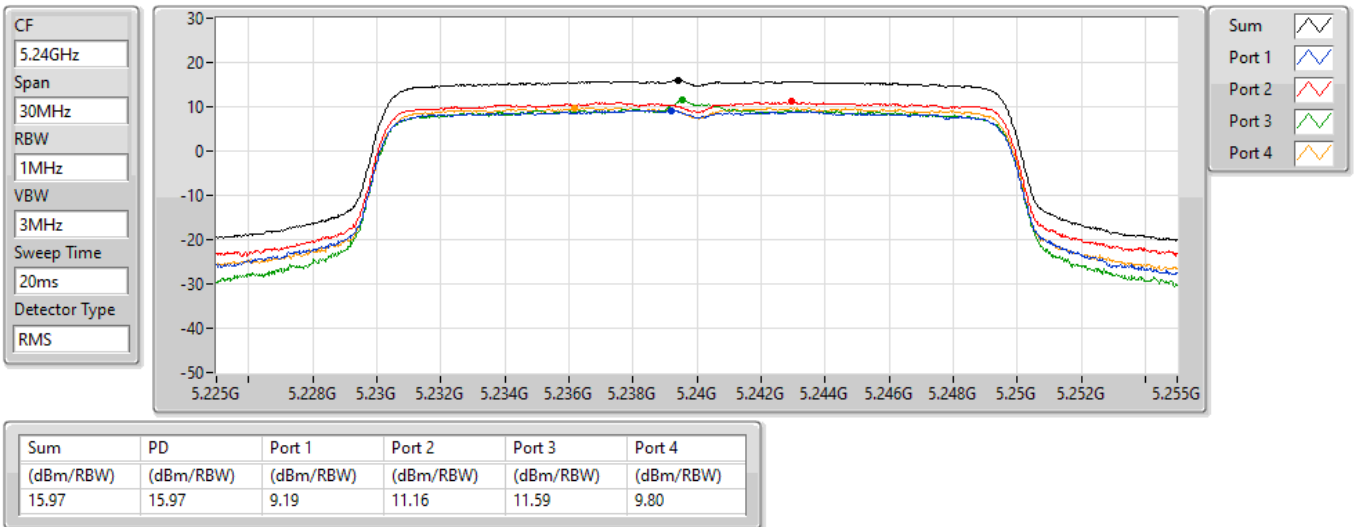


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

04/10/2021

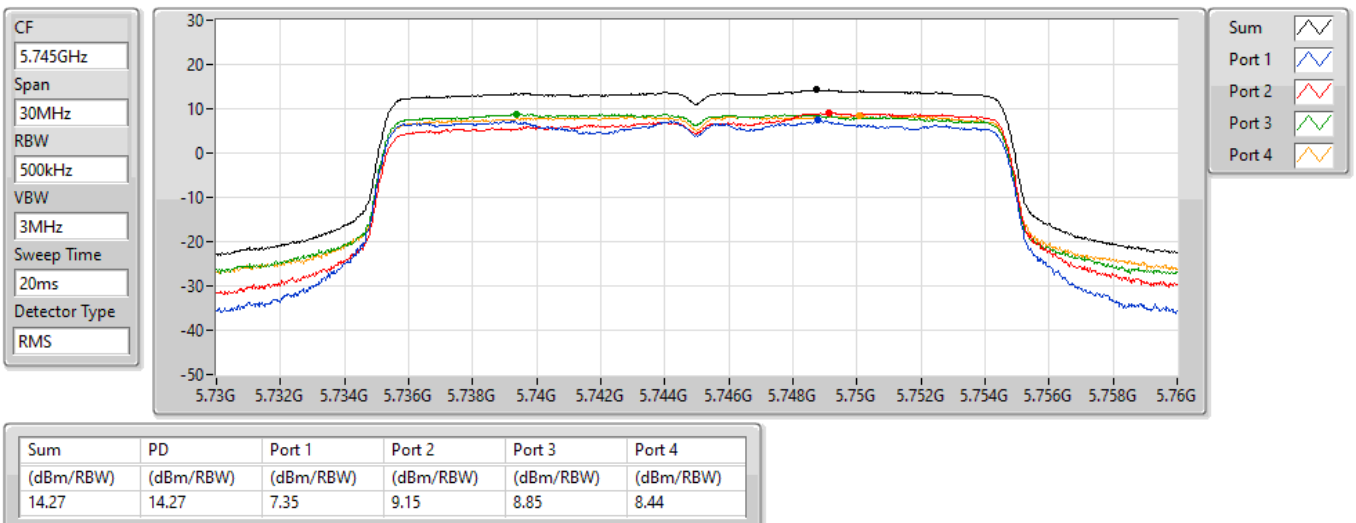


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

04/10/2021

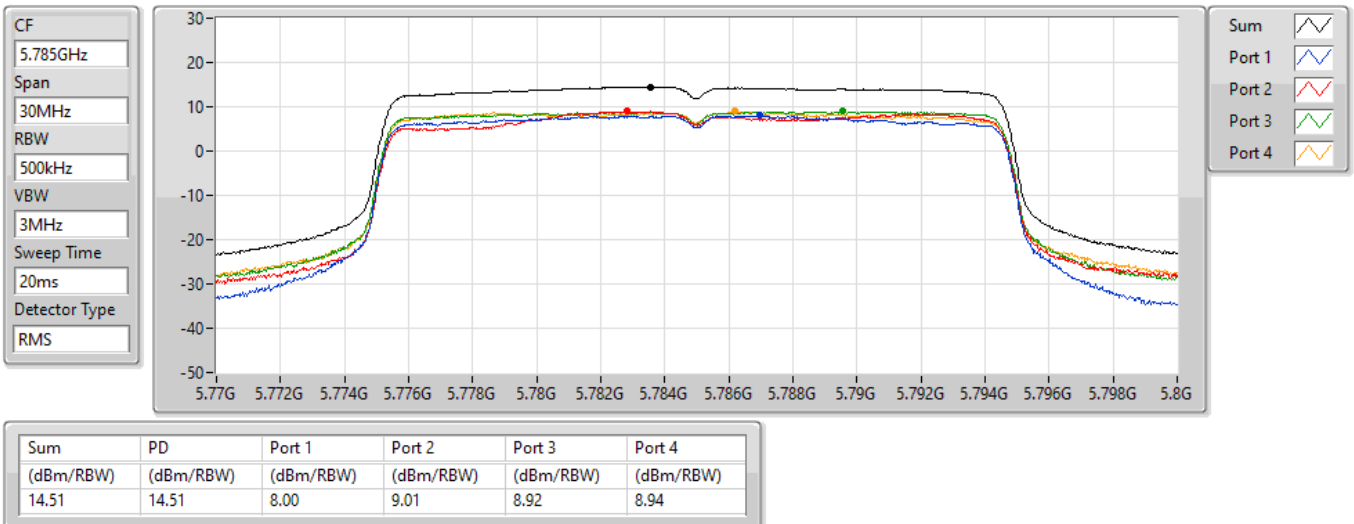


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

04/10/2021

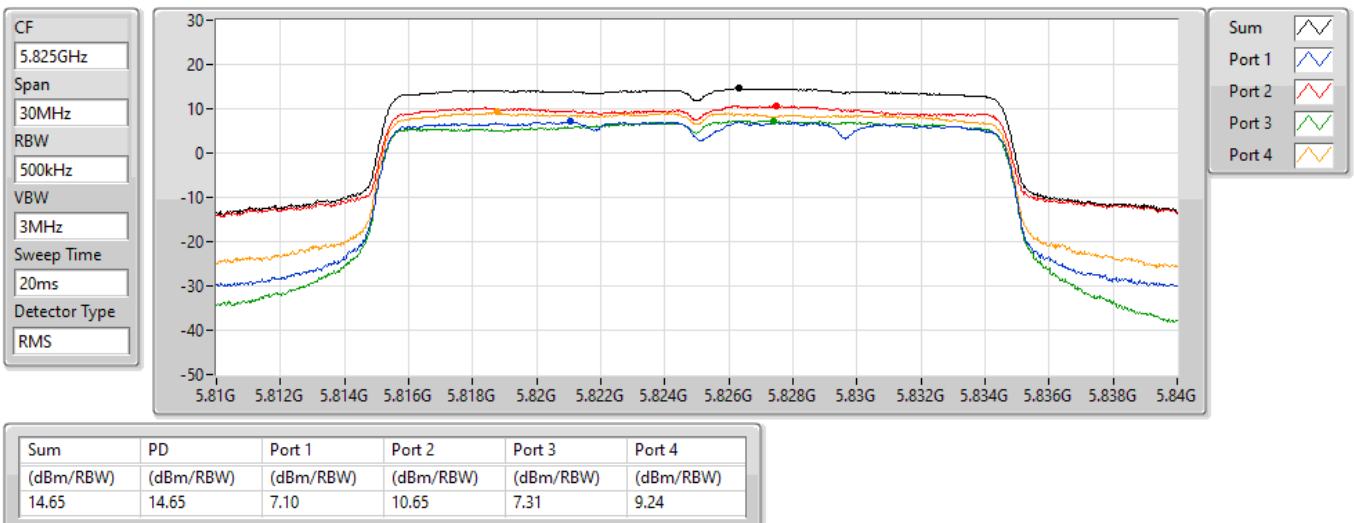


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

04/10/2021

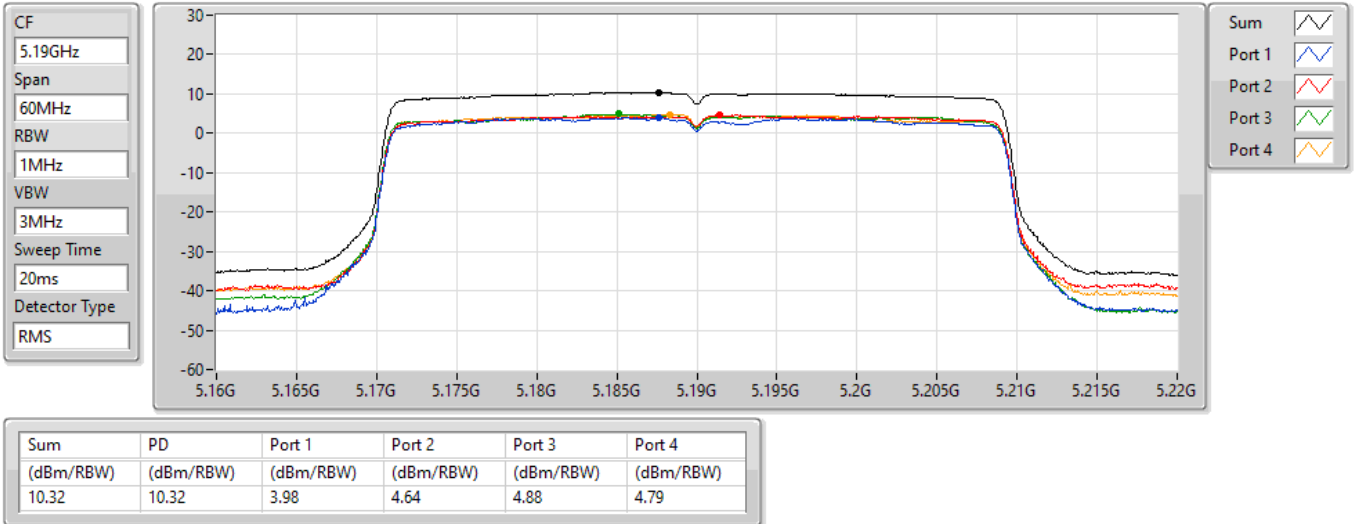


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

04/10/2021

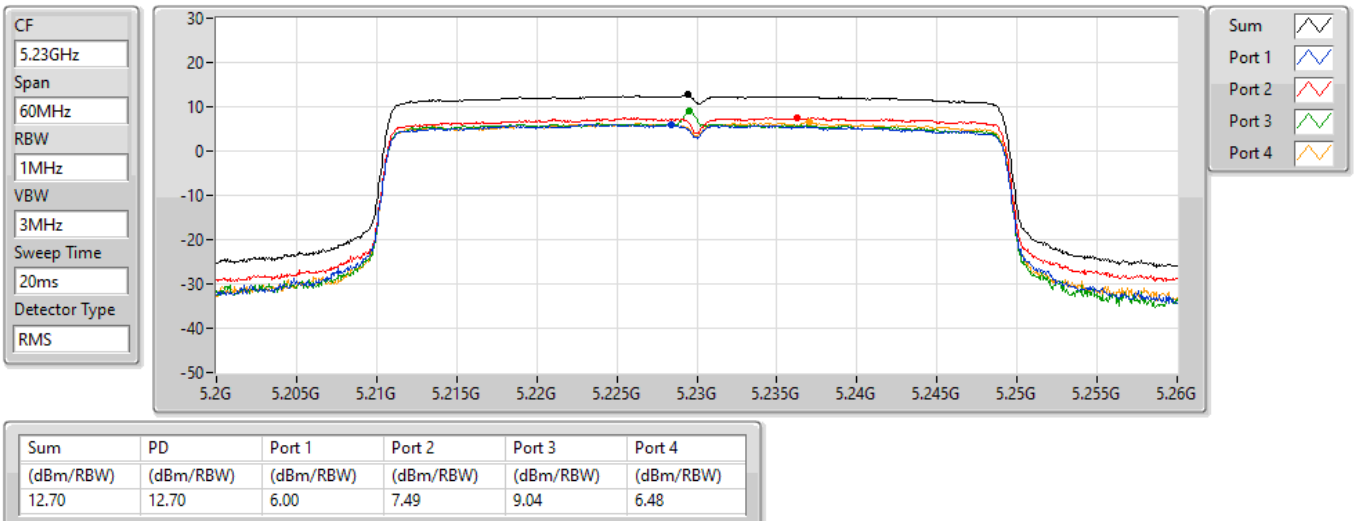


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

04/10/2021

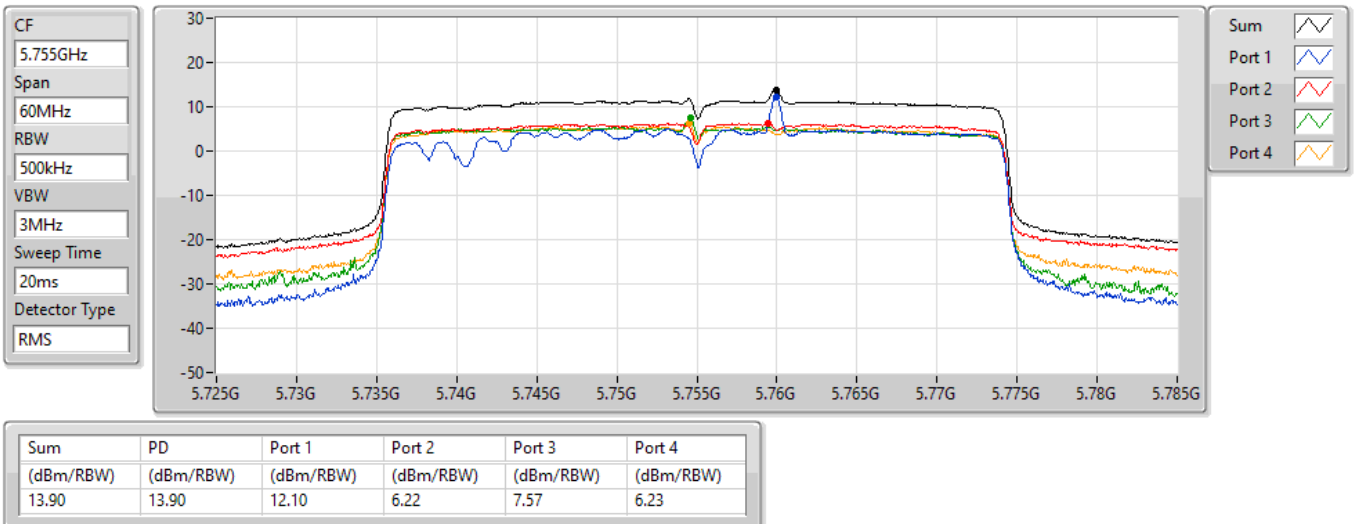


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

04/10/2021

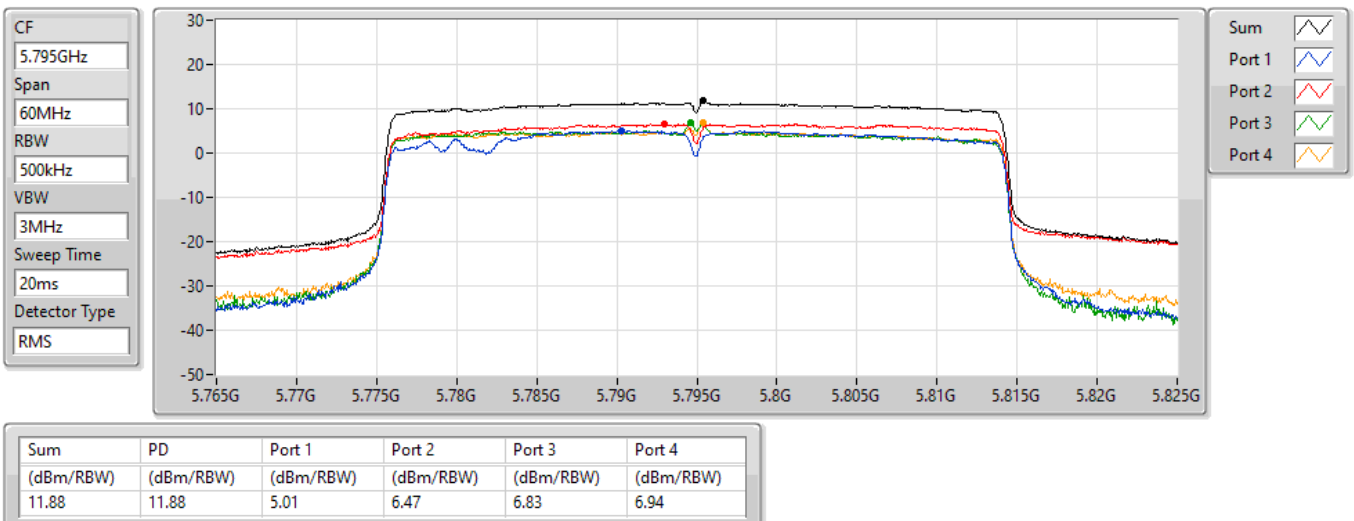


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

04/10/2021

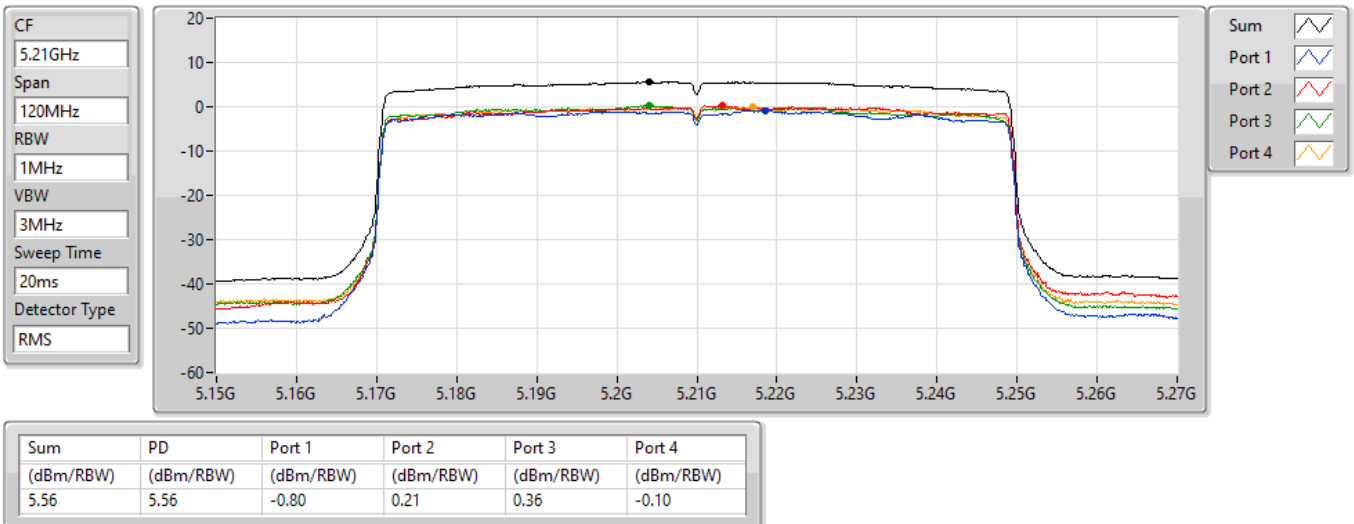


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

04/10/2021

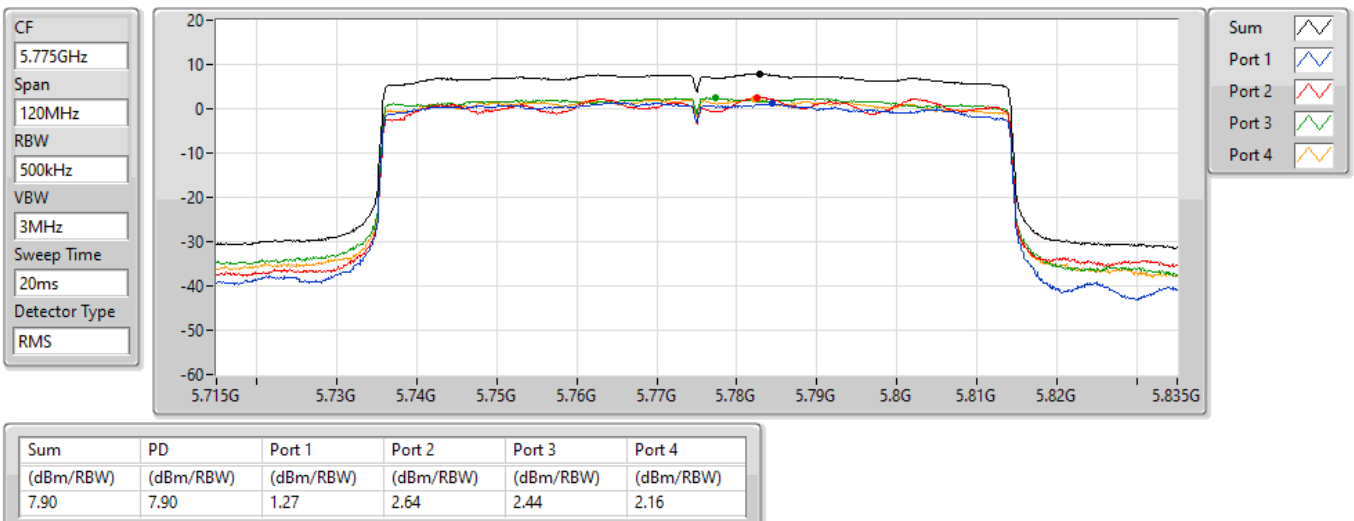


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

04/10/2021





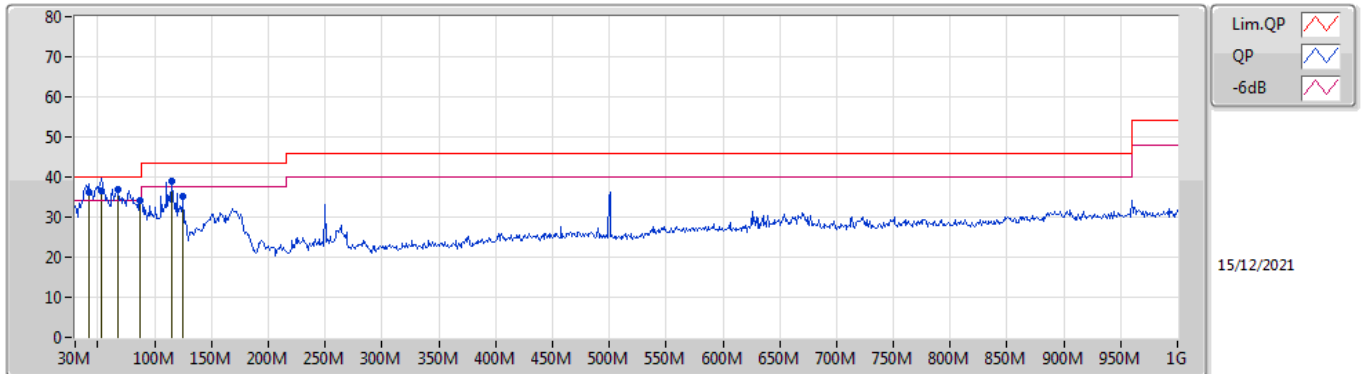
Radiated Emissions below 1GHz

Appendix E.1

Summary

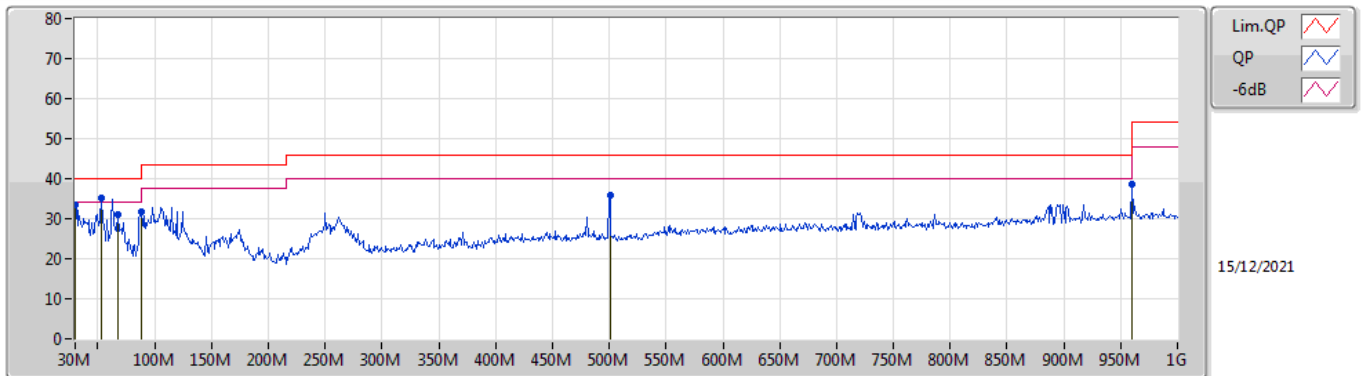
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	67.83M	36.75	40.00	-3.25	Vertical

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	41.64M	36.27	40.00	-3.73	-12.93	3	Vertical	354	1.00	-	49.20	17.82	0.93	31.68
QP	53.28M	36.68	40.00	-3.32	-17.82	3	Vertical	0	1.00	"	54.50	12.87	1.10	31.79
PK	67.83M	36.75	40.00	-3.25	-18.57	3	Vertical	139	1.00	"Worst"	55.32	12.05	1.26	31.88
PK	87.23M	34.31	40.00	-5.69	-16.42	3	Vertical	105	1.50	-	50.73	14.05	1.44	31.91
PK	114.39M	39.07	43.50	-4.43	-12.41	3	Vertical	313	1.00	-	51.48	17.94	1.57	31.92
PK	125.06M	35.27	43.50	-8.23	-12.37	3	Vertical	330	1.00	-	47.64	17.93	1.65	31.95

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)
PK	30M	33.54	40.00	-6.46	-6.49	3	Horizontal	357	1.25	-	40.03	24.20	0.80	31.49
PK	53.28M	35.13	40.00	-4.87	-17.82	3	Horizontal	4	1.25	"Worst"	52.95	12.87	1.10	31.79
PK	67.83M	31.05	40.00	-8.95	-18.57	3	Horizontal	209	2.00	-	49.62	12.05	1.26	31.88
PK	88M	31.68	40.00	-8.32	-16.20	3	Horizontal	211	1.50	-	47.88	14.25	1.46	31.91
PK	500.45M	35.81	46.00	-10.19	-5.55	3	Horizontal	257	1.25	-	41.36	23.18	3.60	32.33
PK	960M	38.55	46.00	-7.45	-0.39	3	Horizontal	227	1.50	-	38.94	26.58	5.60	32.57

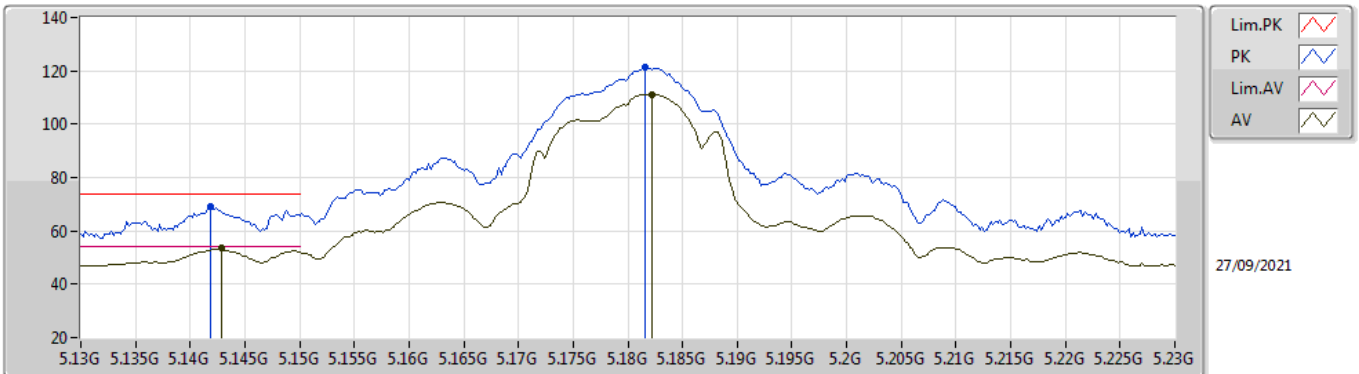


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.134G	53.96	54.00	-0.04	3	Vertical	112	1.36	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

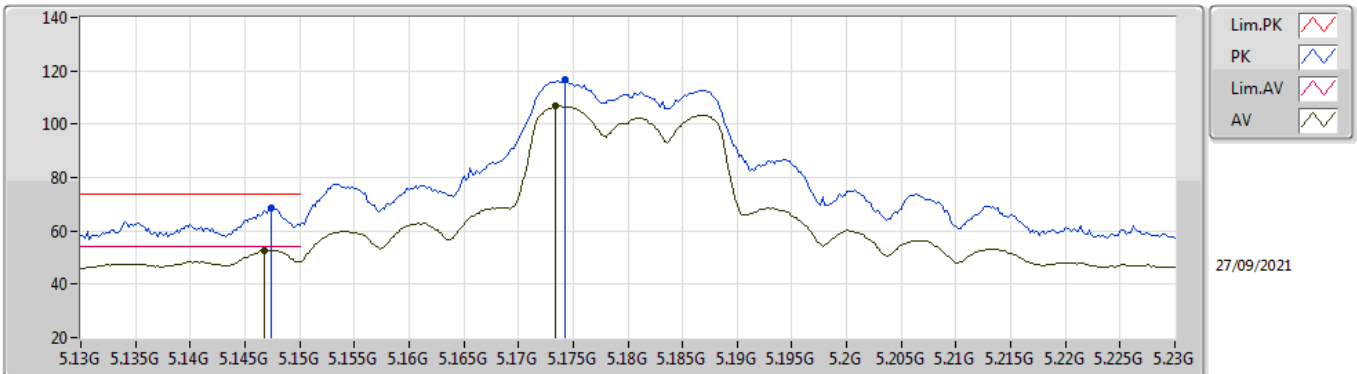


EUT_Y_4TX
Setting 23
03-D-K-5-10

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	5.1418G	68.98	74.00	-5.02	63.68	3	Vertical	276	1.22	-	34.07	6.57	35.34	
AV	5.1428G	53.39	54.00	-0.61	48.09	3	Vertical	276	1.22	-	34.07	6.57	35.34	
PK	5.1816G	121.30	Inf	-Inf	116.01	3	Vertical	276	1.22	-	34.04	6.59	35.34	
AV	5.1822G	111.27	Inf	-Inf	105.98	3	Vertical	276	1.22	-	34.04	6.59	35.34	

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

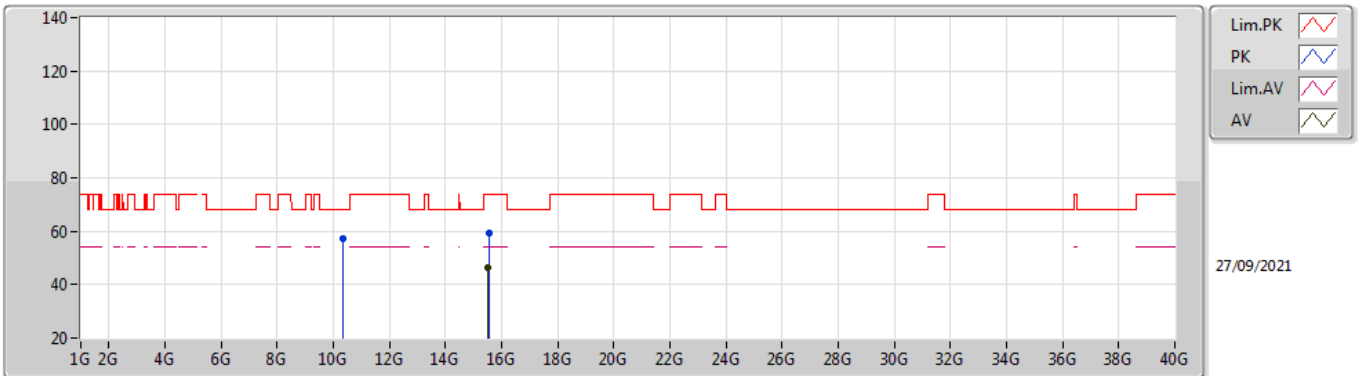


EUT Y_4TX
Setting 23
03-D-K-5-10

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	5.1474G	68.56	74.00	-5.44	63.24	3	Horizontal	162	2.62	-	34.09	6.57	35.34	
AV	5.1468G	52.78	54.00	-1.22	47.46	3	Horizontal	162	2.62	-	34.09	6.57	35.34	
PK	5.1742G	116.61	Inf	-Inf	111.31	3	Horizontal	162	2.62	-	34.05	6.59	35.34	
AV	5.1734G	106.71	Inf	-Inf	101.41	3	Horizontal	162	2.62	-	34.05	6.59	35.34	

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

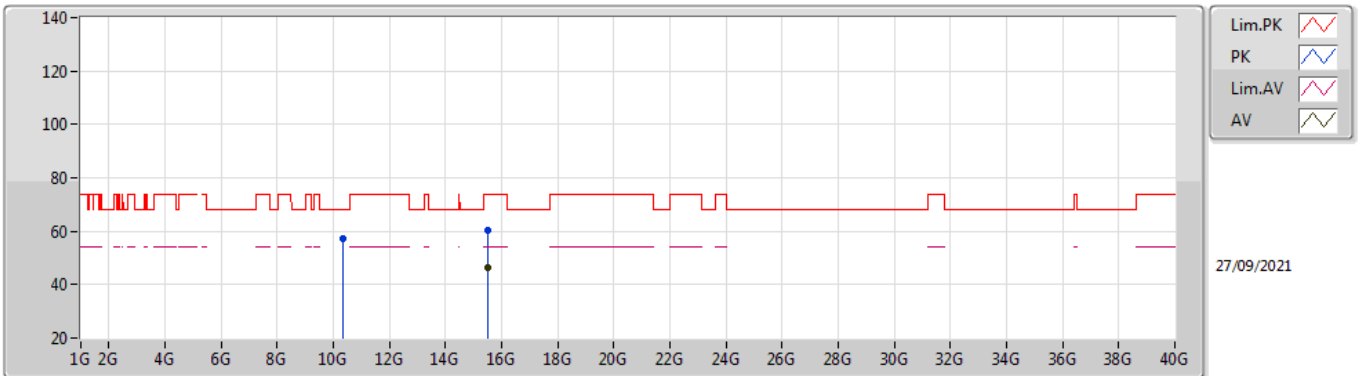


EUT Y_4TX
Setting 23
03-D-K-5

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	10.36002G	57.12	68.20	-11.08	44.39	3	Vertical	283	1.74	-	38.30	10.01	35.58
PK	15.54028G	59.25	74.00	-14.75	43.94	3	Vertical	87	2.89	-	38.34	12.37	35.40
AV	15.53048G	46.42	54.00	-7.58	31.02	3	Vertical	87	2.89	-	38.43	12.37	35.40

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

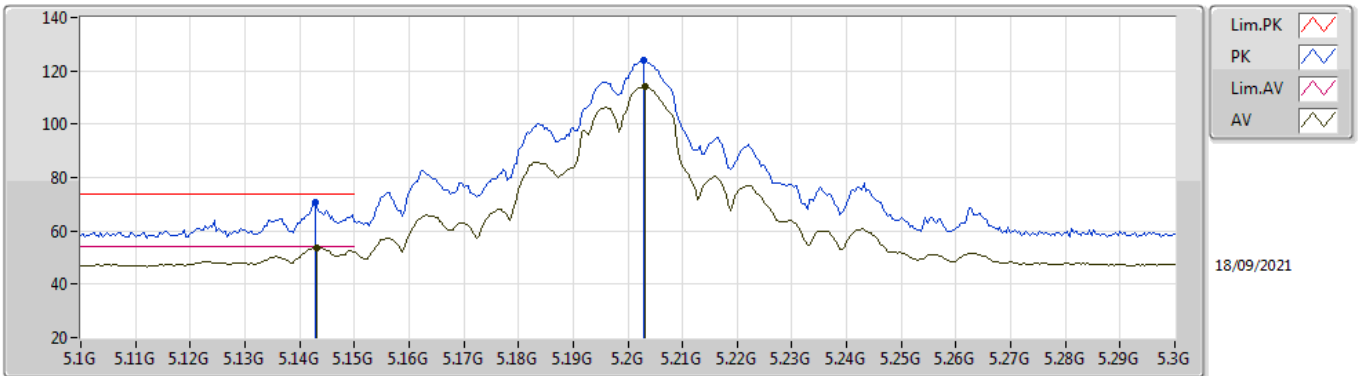


EUT Y_4TX
Setting 23
03-D-K-5

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	10.36004G	57.42	68.20	-10.78	44.69	3	Horizontal	300	1.80	-	38.30	10.01	35.58	
PK	15.53012G	60.22	74.00	-13.78	44.82	3	Horizontal	242	1.95	-	38.43	12.37	35.40	
AV	15.53144G	46.63	54.00	-7.37	31.24	3	Horizontal	242	1.95	-	38.42	12.37	35.40	

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

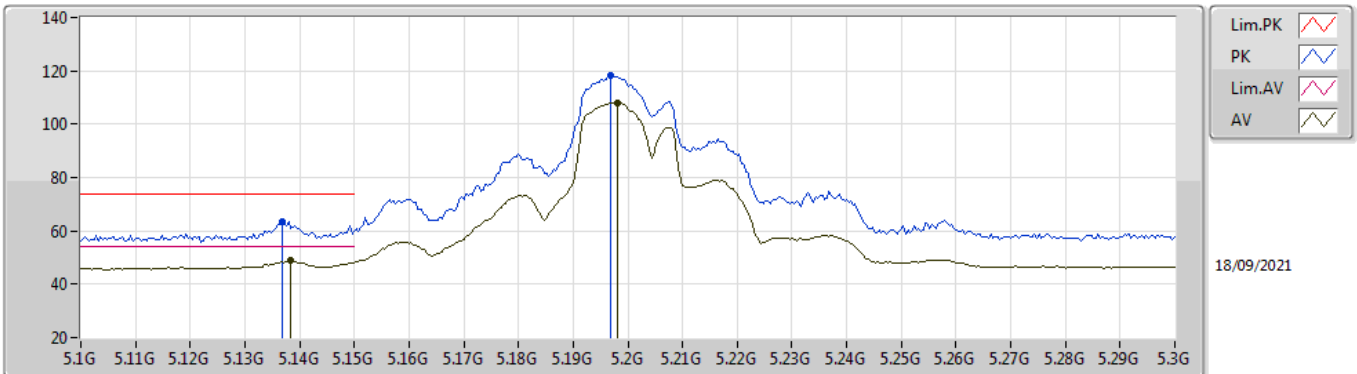


EUT_V_4TX
Setting 26.5
03-D-K-5-10

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	5.1428G	70.81	74.00	-3.19	65.51	3	Vertical	74	2.05	-	34.07	6.57	35.34	
AV	5.1432G	53.84	54.00	-0.16	48.54	3	Vertical	74	2.05	-	34.07	6.57	35.34	
PK	5.2028G	123.93	Inf	-Inf	118.65	3	Vertical	74	2.05	-	34.01	6.61	35.34	
AV	5.2032G	114.15	Inf	-Inf	108.87	3	Vertical	74	2.05	-	34.01	6.61	35.34	

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

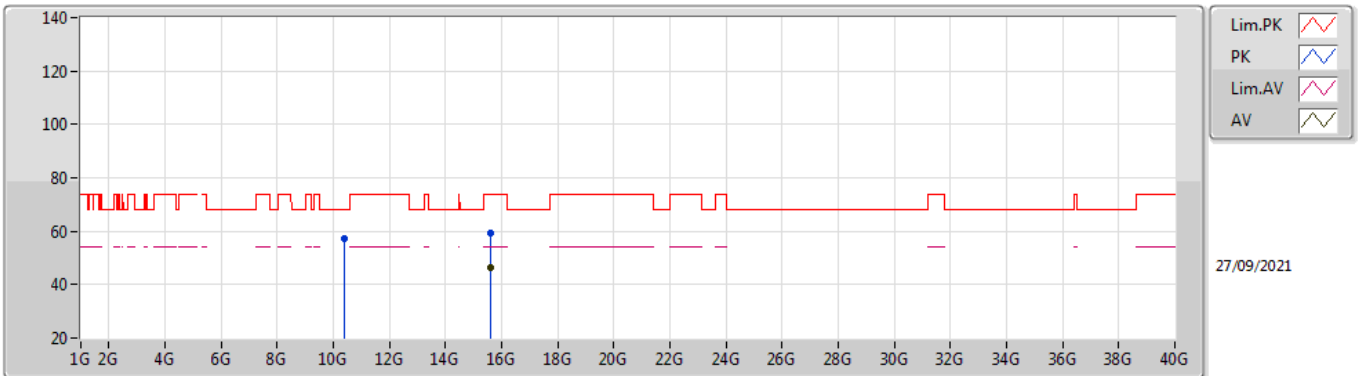


EUT Y_4TX
Setting 26.5
03-D-K-5-10

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	5.1368G	63.70	74.00	-10.30	58.42	3	Horizontal	265	1.80	-	34.05	6.57	35.34	
AV	5.1384G	48.71	54.00	-5.29	43.43	3	Horizontal	265	1.80	-	34.05	6.57	35.34	
PK	5.1968G	118.05	Inf	-Inf	112.78	3	Horizontal	265	1.80	-	34.01	6.60	35.34	
AV	5.198G	108.14	Inf	-Inf	102.88	3	Horizontal	265	1.80	-	34.00	6.60	35.34	

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

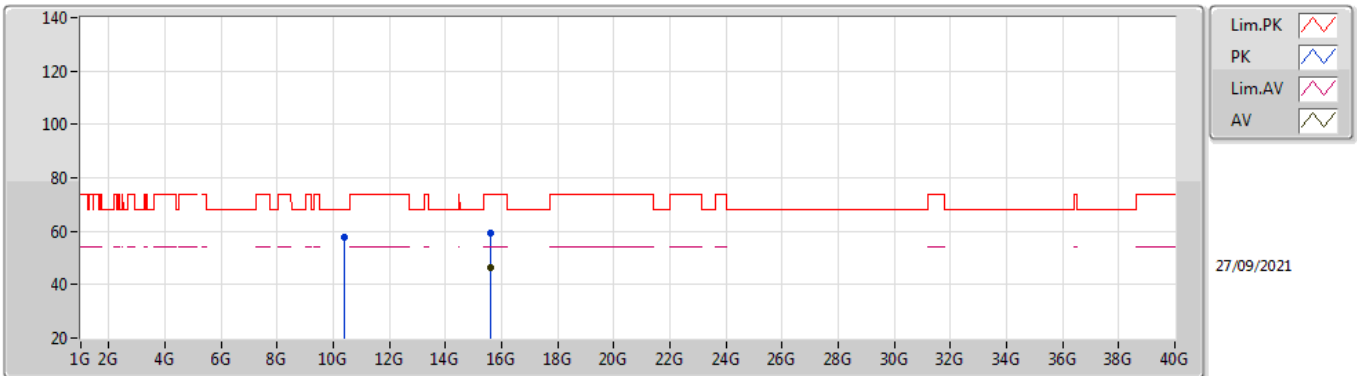


EUT Y_4TX
Setting 26.5
03-D-K-5

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	10.39985G	57.09	68.20	-11.11	44.32	3	Vertical	282	1.62	-	38.30	10.02	35.55	
PK	15.5959G	59.34	74.00	-14.66	44.55	3	Vertical	4	1.66	-	37.84	12.40	35.45	
AV	15.59822G	46.13	54.00	-7.87	31.36	3	Vertical	4	1.66	-	37.82	12.40	35.45	

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

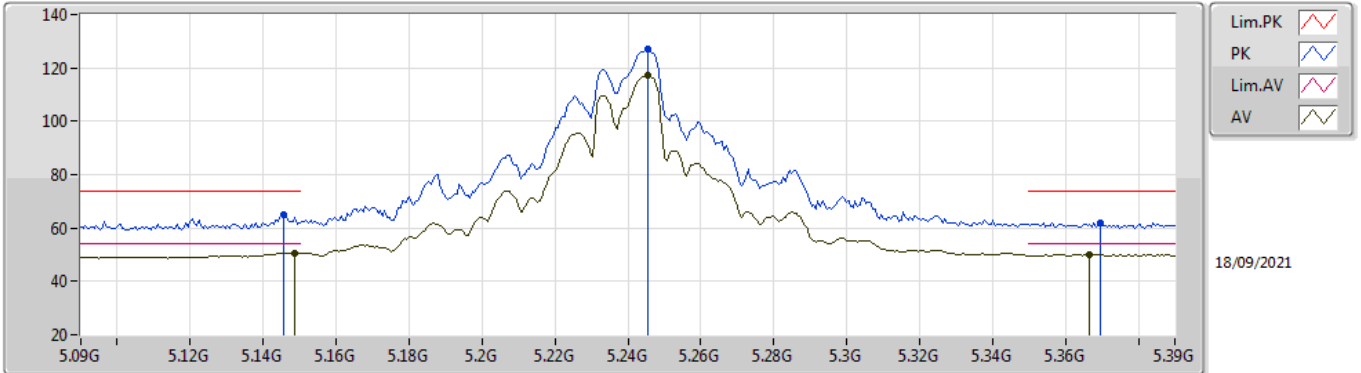


EUT Y_4TX
Setting 26.5
03-D-K-5

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	10.39993G	58.01	68.20	-10.19	45.24	3	Horizontal	300	1.89	-	38.30	10.02	35.55
PK	15.60448G	59.47	74.00	-14.53	44.72	3	Horizontal	14	2.39	-	37.81	12.40	35.46
AV	15.6041G	46.31	54.00	-7.69	31.56	3	Horizontal	14	2.39	-	37.81	12.40	35.46

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

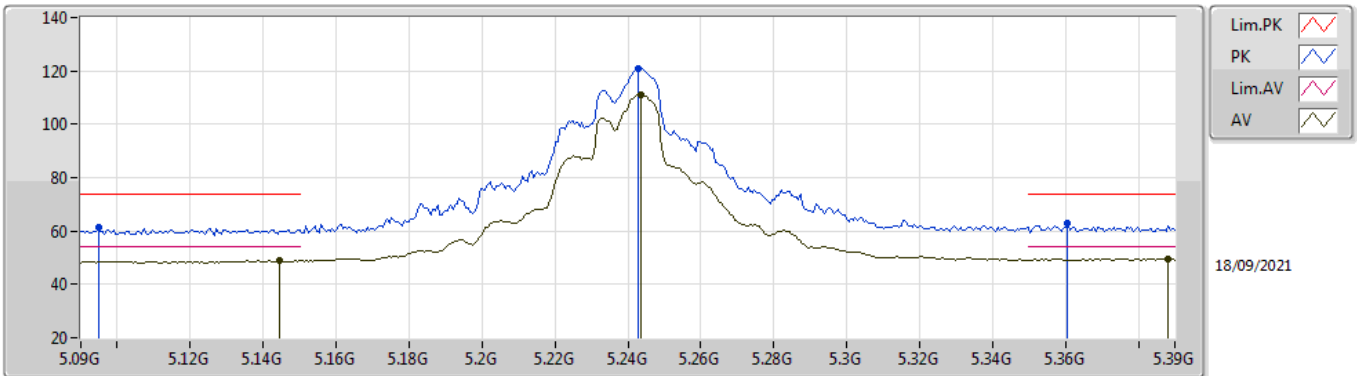


EUT V_4TX
Setting 28.5
03-D-K-5-13

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	5.1458G	65.17	74.00	-8.83	59.86	3	Vertical	111	2.16	-	34.08	6.57	35.34
AV	5.1488G	50.77	54.00	-3.23	45.44	3	Vertical	111	2.16	-	34.10	6.57	35.34
PK	5.2454G	127.20	Inf	-Inf	121.65	3	Vertical	111	2.16	-	34.18	6.71	35.34
AV	5.2454G	117.15	Inf	-Inf	111.60	3	Vertical	111	2.16	-	34.18	6.71	35.34
PK	5.3696G	61.99	74.00	-12.01	55.75	3	Vertical	111	2.16	-	34.56	7.02	35.34
AV	5.3666G	50.01	54.00	-3.99	43.76	3	Vertical	111	2.16	-	34.57	7.02	35.34

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

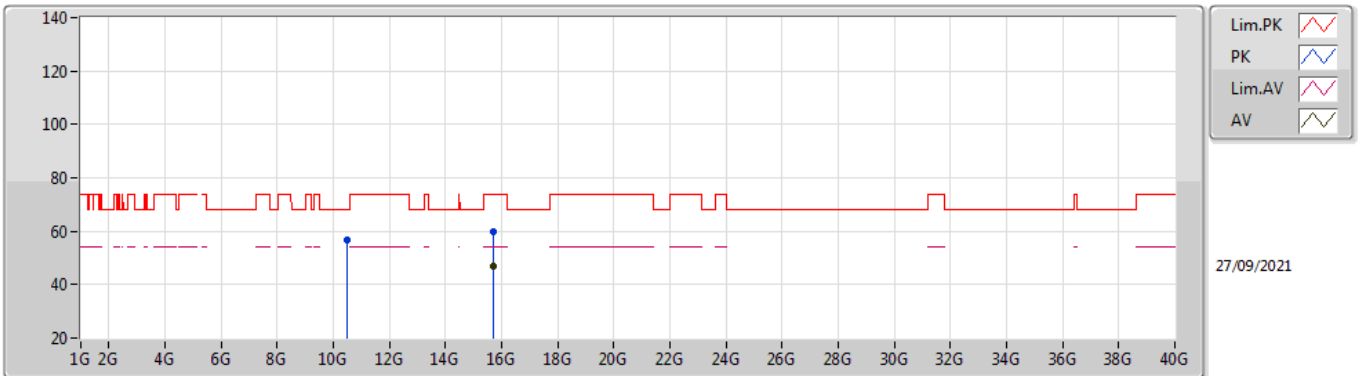


EUT V_4TX
Setting 28.5
03-D-K-5-13

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	5.0948G	61.56	74.00	-12.44	56.44	3	Horizontal	258	2.27	-	33.90	6.55	35.33
AV	5.1446G	48.98	54.00	-5.02	43.67	3	Horizontal	258	2.27	-	34.08	6.57	35.34
PK	5.243G	121.09	Inf	-Inf	115.55	3	Horizontal	258	2.27	-	34.17	6.71	35.34
AV	5.2436G	111.07	Inf	-Inf	105.53	3	Horizontal	258	2.27	-	34.17	6.71	35.34
PK	5.3606G	63.05	74.00	-10.95	56.81	3	Horizontal	258	2.27	-	34.58	7.00	35.34
AV	5.3882G	49.54	54.00	-4.46	43.30	3	Horizontal	258	2.27	-	34.52	7.07	35.35

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

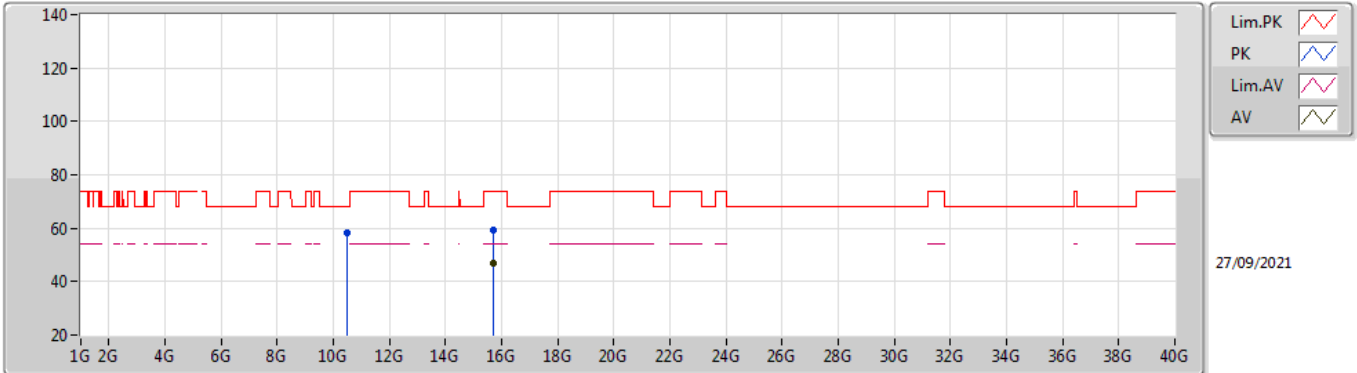


EUT Y_4TX
Setting 28.5
03-D-K-5

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	10.47994G	56.54	68.20	-11.66	43.61	3	Vertical	279	1.80	-	38.38	10.04	35.49
PK	15.71516G	59.74	74.00	-14.26	44.85	3	Vertical	190	1.66	-	37.98	12.46	35.55
AV	15.71838G	46.75	54.00	-7.25	31.86	3	Vertical	190	1.66	-	37.98	12.46	35.55

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

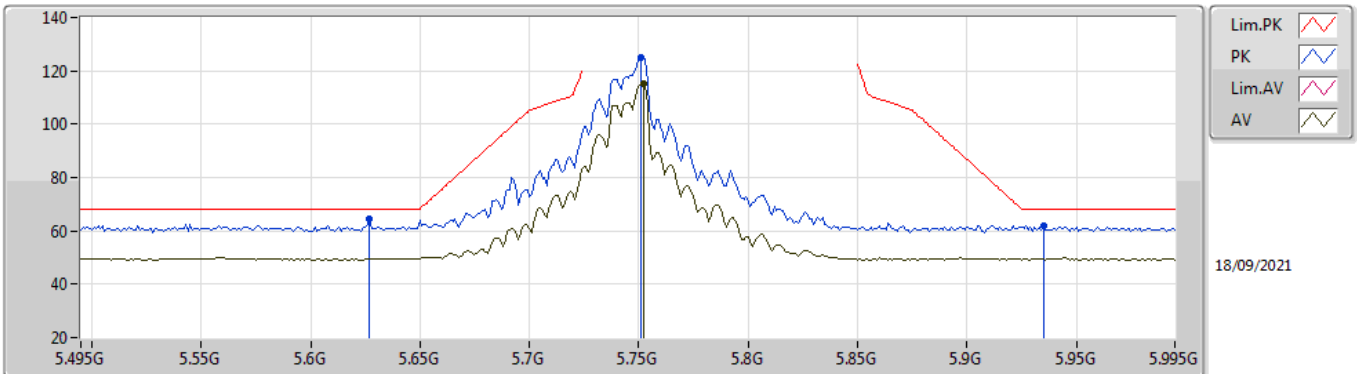


EUT Y_4TX
Setting 28.5
03-D-K-5

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	10.48004G	58.05	68.20	-10.15	45.12	3	Horizontal	300	1.91	-	38.38	10.04	35.49
PK	15.71608G	59.54	74.00	-14.46	44.65	3	Horizontal	27	1.32	-	37.98	12.46	35.55
AV	15.71516G	46.68	54.00	-7.32	31.79	3	Horizontal	27	1.32	-	37.98	12.46	35.55

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

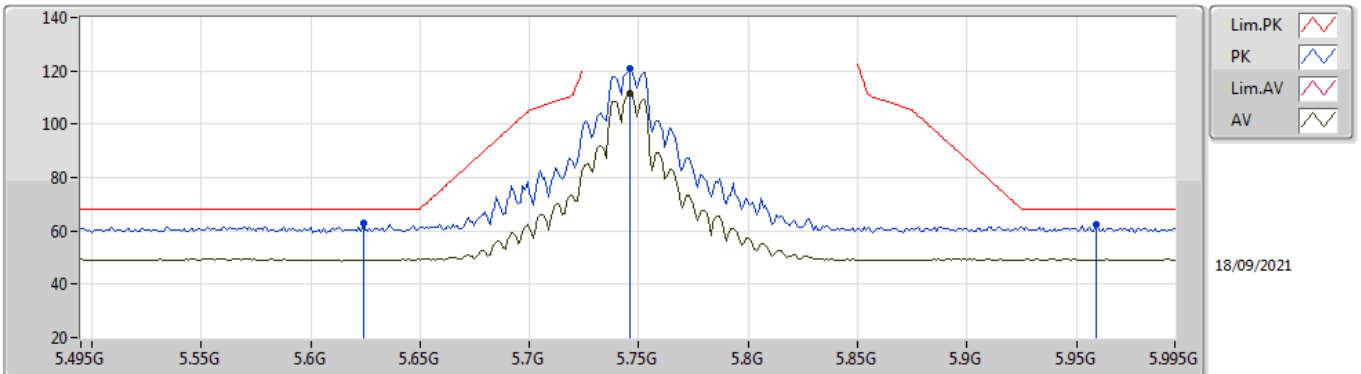


EUT_V_4TX
Setting 28.5
03-D-K-5-13

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	64.26	68.20	-3.94	58.46	3	Vertical	150	1.78	-	34.40	6.81	35.41	
PK	5.751G	125.18	Inf	-Inf	119.38	3	Vertical	150	1.78	-	34.40	6.88	35.48	
AV	5.752G	115.38	Inf	-Inf	109.58	3	Vertical	150	1.78	-	34.40	6.88	35.48	
PK	5.935G	61.94	68.20	-6.26	55.84	3	Vertical	150	1.78	-	34.63	7.04	35.57	

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

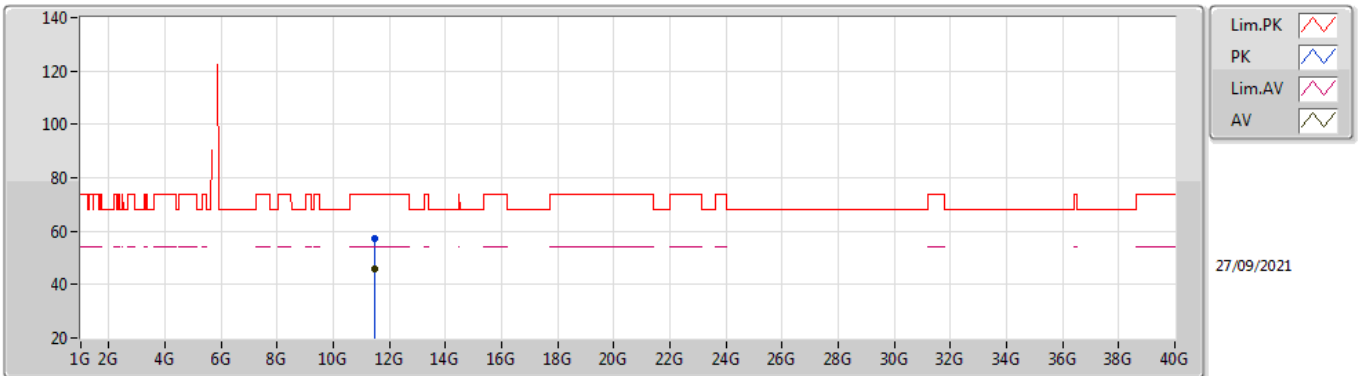


EUT_Y_4TX
Setting 28.5
03-D-K-5-13

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	5.624G	62.86	68.20	-5.34	57.06	3	Horizontal	185	2.27	-	34.40	6.81	35.41	
PK	5.746G	120.69	Inf	-Inf	114.89	3	Horizontal	185	2.27	-	34.40	6.87	35.47	
AV	5.746G	111.44	Inf	-Inf	105.64	3	Horizontal	185	2.27	-	34.40	6.87	35.47	
PK	5.959G	62.47	68.20	-5.73	56.37	3	Horizontal	185	2.27	-	34.62	7.06	35.58	

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

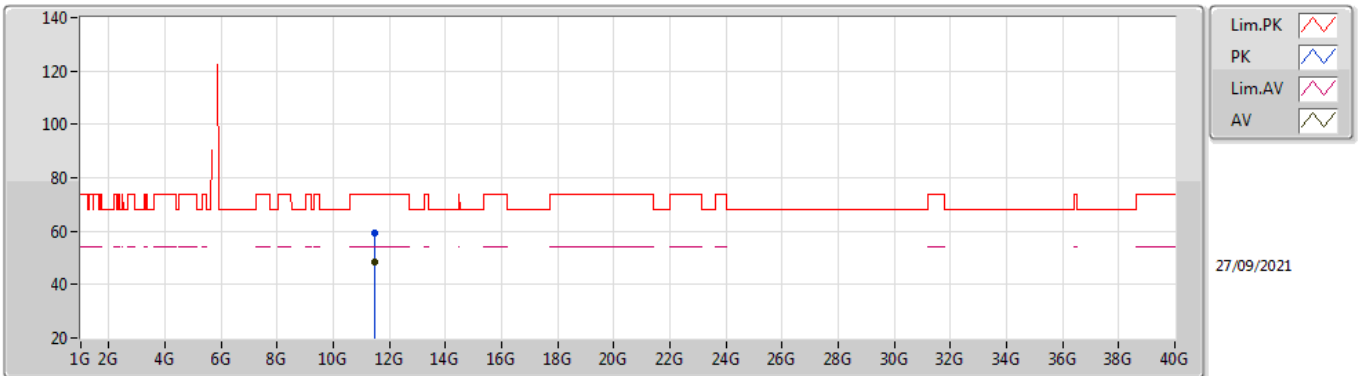


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.4898G	57.41	74.00	-16.59	43.47	3	Vertical	319	2.18	-	39.18	10.35	35.59	
AV	11.48986G	45.80	54.00	-8.20	31.86	3	Vertical	319	2.18	-	39.18	10.35	35.59	

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

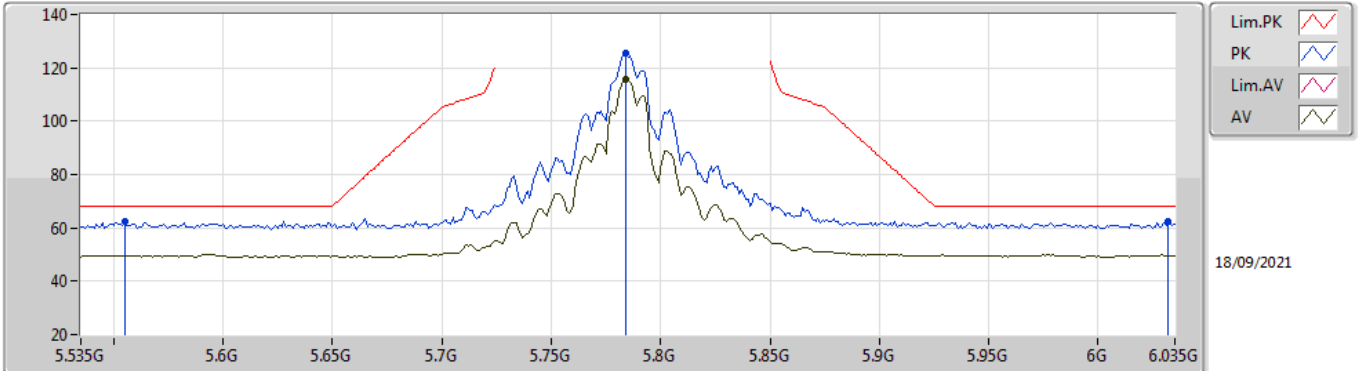


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.48975G	59.47	74.00	-14.53	45.53	3	Horizontal	258	1.84	-	39.18	10.35	35.59
AV	11.48997G	48.62	54.00	-5.38	34.68	3	Horizontal	258	1.84	-	39.18	10.35	35.59

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

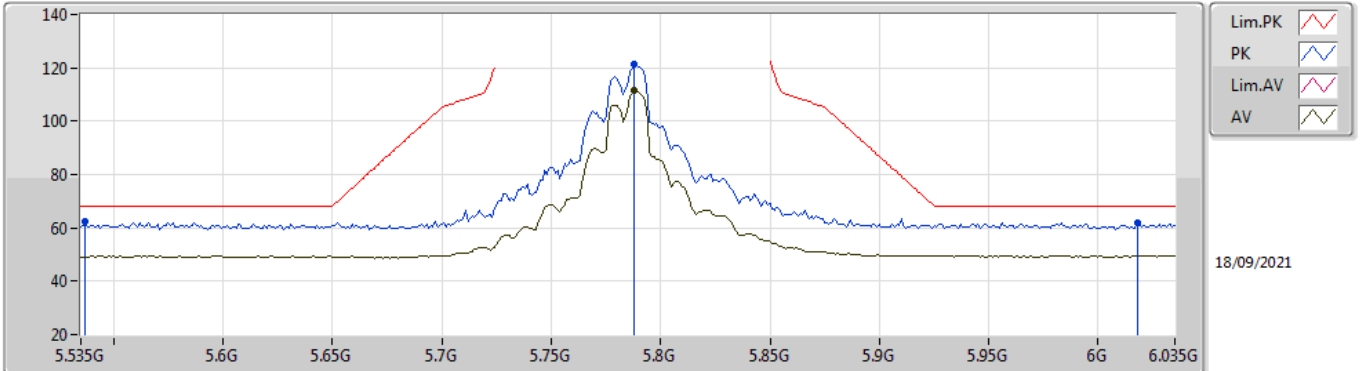


EUT Y_4TX
Setting 28.5
03-D-K-5-13

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	5.555G	62.20	68.20	-6.00	56.13	3	Vertical	95	1.97	-	34.58	6.87	35.38
PK	5.784G	125.27	Inf	-Inf	119.47	3	Vertical	95	1.97	-	34.40	6.89	35.49
AV	5.784G	115.79	Inf	-Inf	109.99	3	Vertical	95	1.97	-	34.40	6.89	35.49
PK	6.032G	62.57	68.20	-5.63	56.27	3	Vertical	95	1.97	-	34.76	7.13	35.59

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

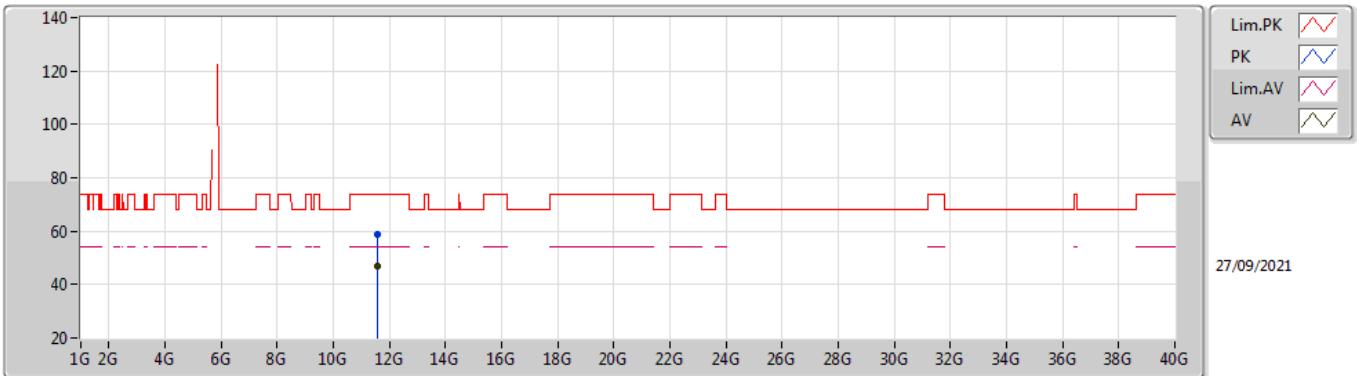


EUT V_4TX
Setting 28.5
03-D-K-5-13

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	5.537G	62.28	68.20	-5.92	56.16	3	Horizontal	246	2.78	-	34.60	6.89	35.37	
PK	5.788G	121.25	Inf	-Inf	115.45	3	Horizontal	246	2.78	-	34.40	6.89	35.49	
AV	5.788G	111.60	Inf	-Inf	105.80	3	Horizontal	246	2.78	-	34.40	6.89	35.49	
PK	6.018G	62.05	68.20	-6.15	55.78	3	Horizontal	246	2.78	-	34.74	7.12	35.59	

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

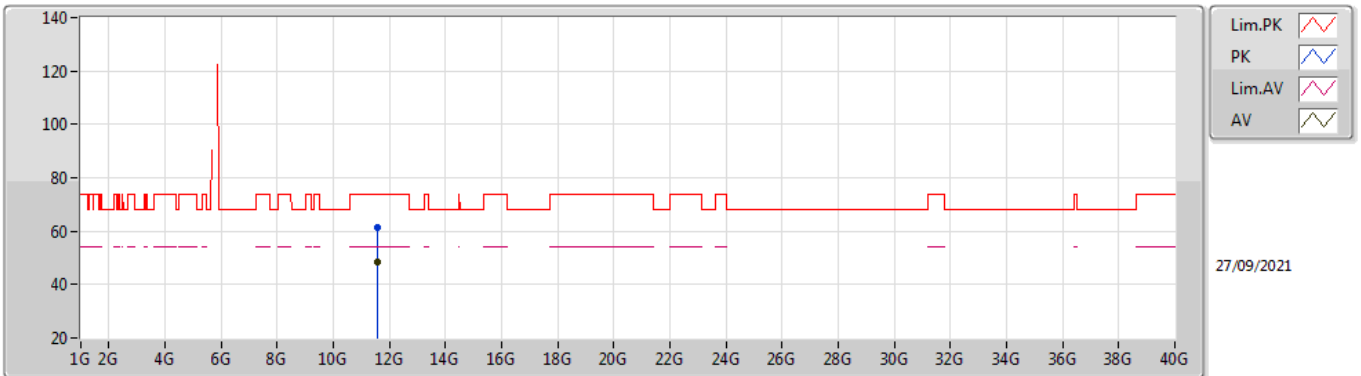


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.57006G	58.54	74.00	-15.46	44.27	3	Vertical	319	2.19	-	39.48	10.37	35.58	
AV	11.56999G	46.93	54.00	-7.07	32.66	3	Vertical	319	2.19	-	39.48	10.37	35.58	

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

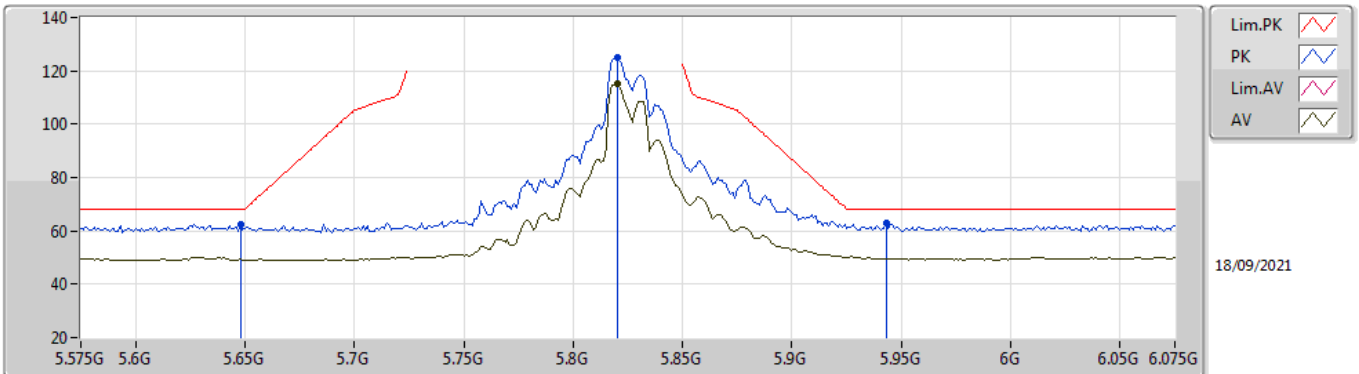


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.57061G	61.18	74.00	-12.82	46.91	3	Horizontal	258	1.80	-	39.48	10.37	35.58
AV	11.56984G	48.38	54.00	-5.62	34.11	3	Horizontal	258	1.80	-	39.48	10.37	35.58

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

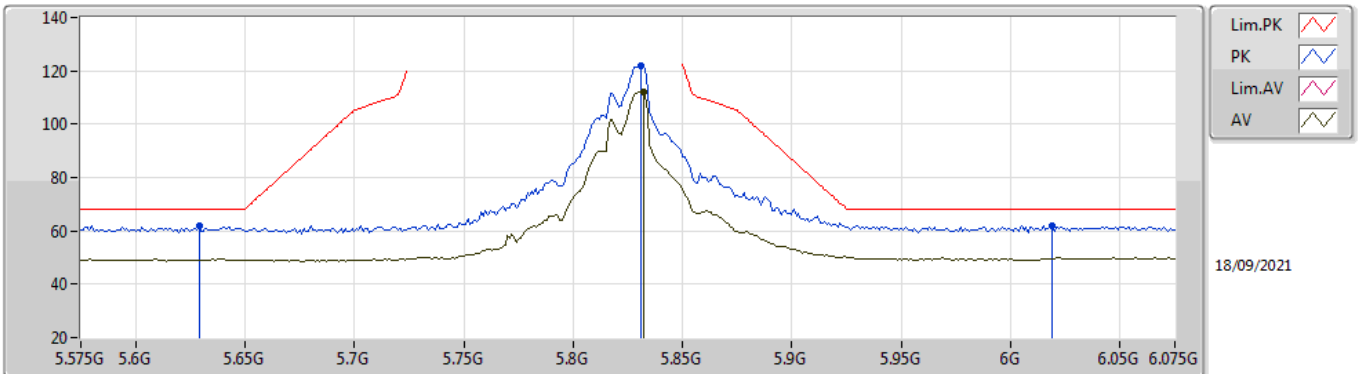


EUT V_4TX
Setting 28.5
03-D-K-5-13

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	62.23	68.20	-5.97	56.43	3	Vertical	96	1.80	-	34.40	6.82	35.42	
PK	5.82G	124.77	Inf	-Inf	118.96	3	Vertical	96	1.80	-	34.40	6.92	35.51	
AV	5.82G	114.93	Inf	-Inf	109.12	3	Vertical	96	1.80	-	34.40	6.92	35.51	
PK	5.943G	62.97	68.20	-5.23	56.89	3	Vertical	96	1.80	-	34.61	7.04	35.57	

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

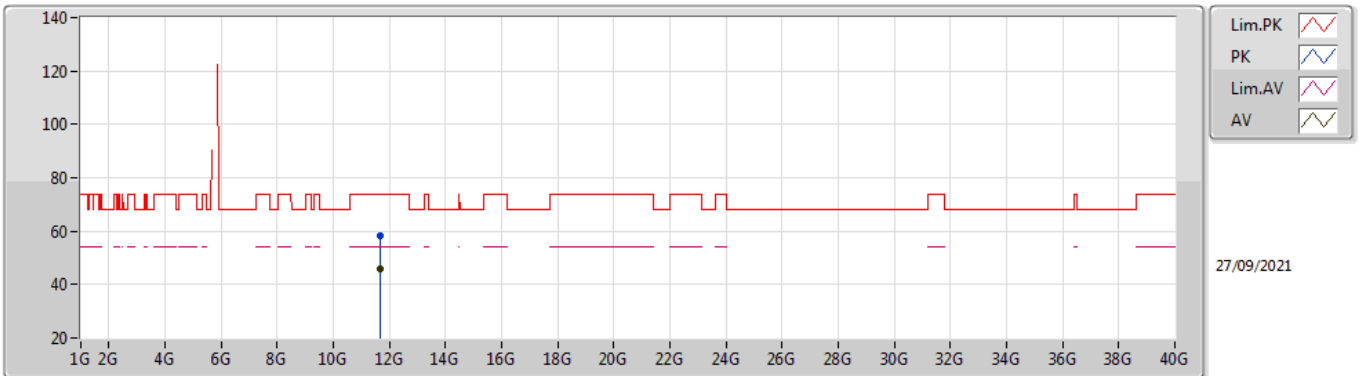


EUT_V_4TX
Setting 28.5
03-D-K-5-13

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	5.629G	61.80	68.20	-6.40	56.00	3	Horizontal	261	2.20	-	34.40	6.81	35.41	
PK	5.831G	121.75	Inf	-Inf	115.94	3	Horizontal	261	2.20	-	34.40	6.93	35.52	
AV	5.832G	112.01	Inf	-Inf	106.20	3	Horizontal	261	2.20	-	34.40	6.93	35.52	
PK	6.019G	62.12	68.20	-6.08	55.85	3	Horizontal	261	2.20	-	34.74	7.12	35.59	

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

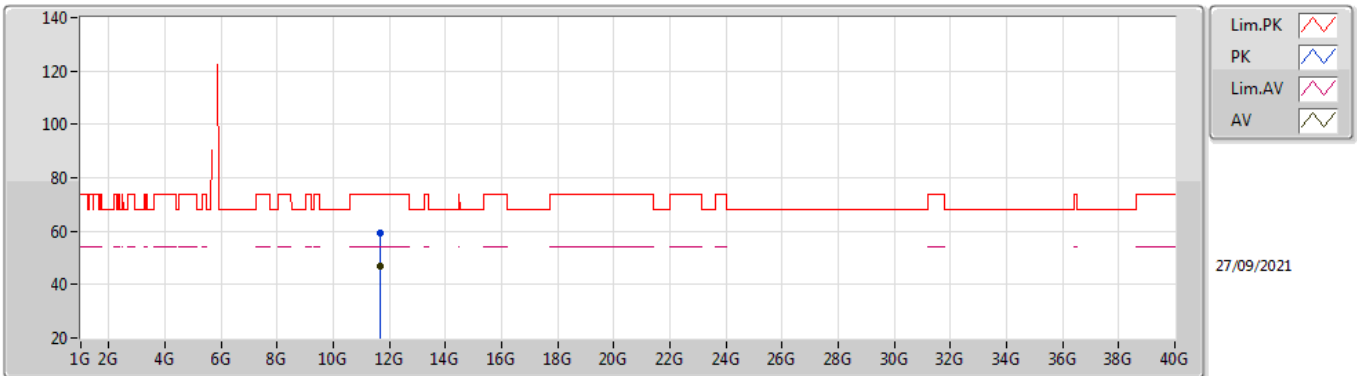


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.64989G	58.48	74.00	-15.52	44.06	3	Vertical	320	2.21	-	39.60	10.39	35.57
AV	11.64988G	45.70	54.00	-8.30	31.28	3	Vertical	320	2.21	-	39.60	10.39	35.57

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

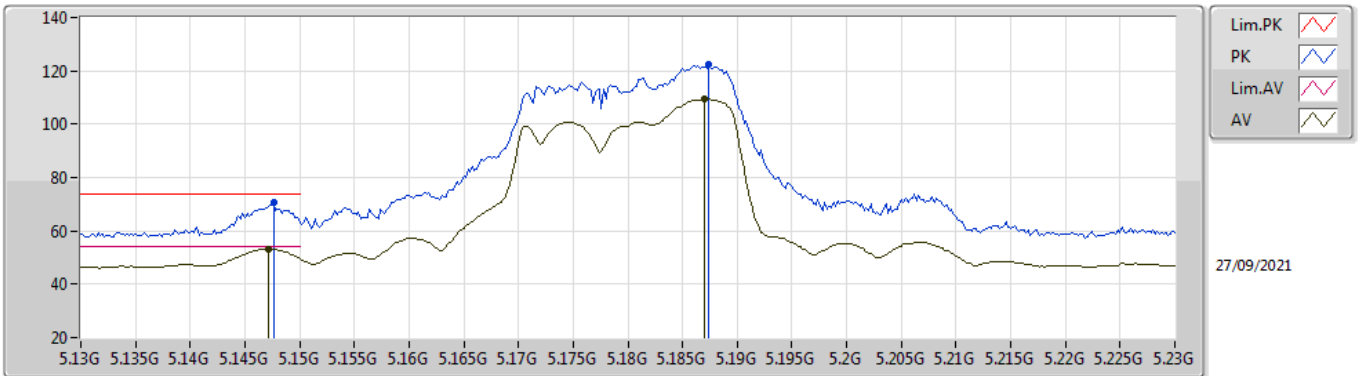


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.64986G	59.25	74.00	-14.75	44.83	3	Horizontal	288	1.80	-	39.60	10.39	35.57
AV	11.65003G	46.83	54.00	-7.17	32.40	3	Horizontal	288	1.80	-	39.60	10.40	35.57

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

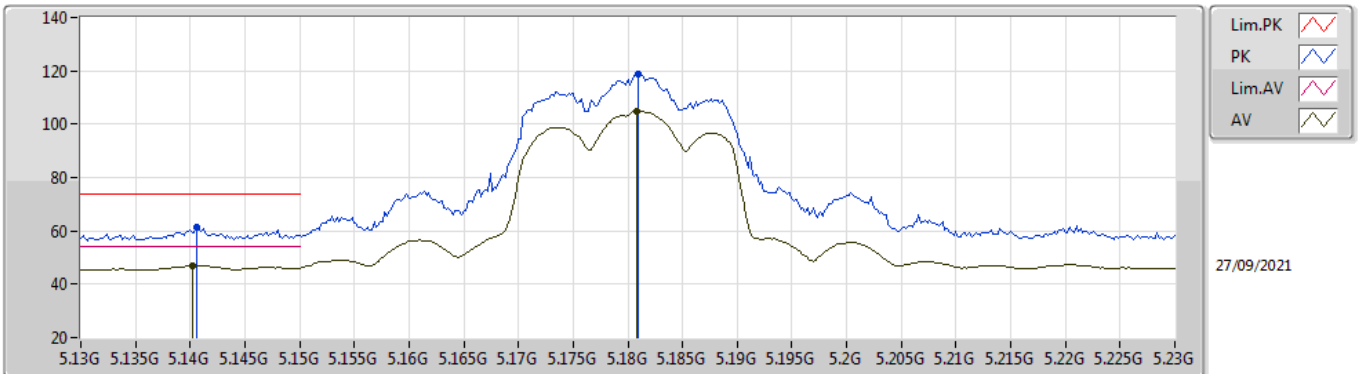


EUT Y_4TX
Setting 21.5
03-D-K-5-10

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	70.70	74.00	-3.30	65.38	3	Vertical	103	2.22	-	34.09	6.57	35.34	
AV	5.1472G	53.23	54.00	-0.77	47.91	3	Vertical	103	2.22	-	34.09	6.57	35.34	
PK	5.1874G	122.25	Inf	-Inf	116.97	3	Vertical	103	2.22	-	34.03	6.59	35.34	
AV	5.187G	109.47	Inf	-Inf	104.19	3	Vertical	103	2.22	-	34.03	6.59	35.34	

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

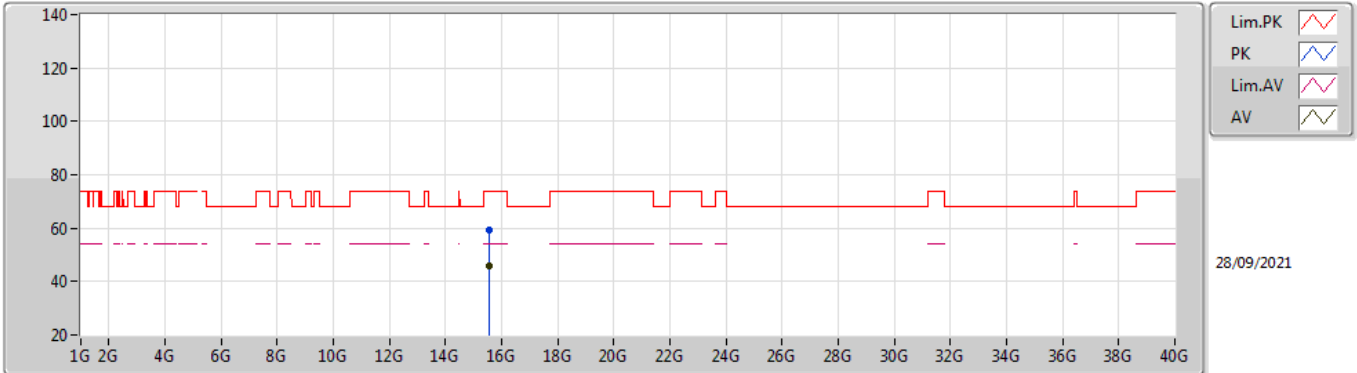


EUT_Y_4TX
Setting 21.5
03-D-K-5-10

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	5.1406G	61.61	74.00	-12.39	56.32	3	Horizontal	215	2.86	-	34.06	6.57	35.34	
AV	5.1402G	47.08	54.00	-6.92	41.79	3	Horizontal	215	2.86	-	34.06	6.57	35.34	
PK	5.181G	118.64	Inf	-Inf	113.35	3	Horizontal	215	2.86	-	34.04	6.59	35.34	
AV	5.1808G	104.74	Inf	-Inf	99.45	3	Horizontal	215	2.86	-	34.04	6.59	35.34	

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

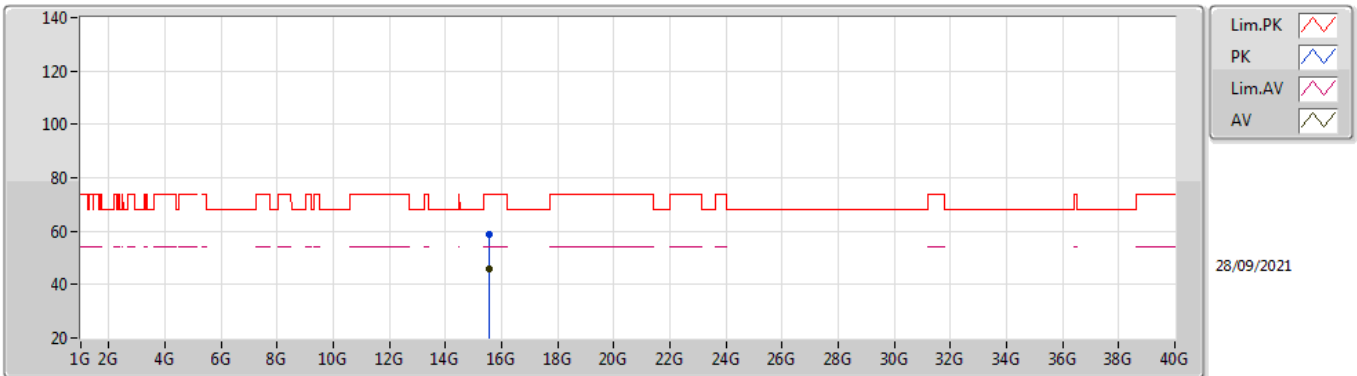


EUT Y_4TX
Setting 21.5
03-D-K-5

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	15.54394G	59.47	74.00	-14.53	44.21	3	Vertical	31	1.38	-	38.30	12.37	35.41
AV	15.539G	45.85	54.00	-8.15	30.53	3	Vertical	31	1.38	-	38.35	12.37	35.40

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

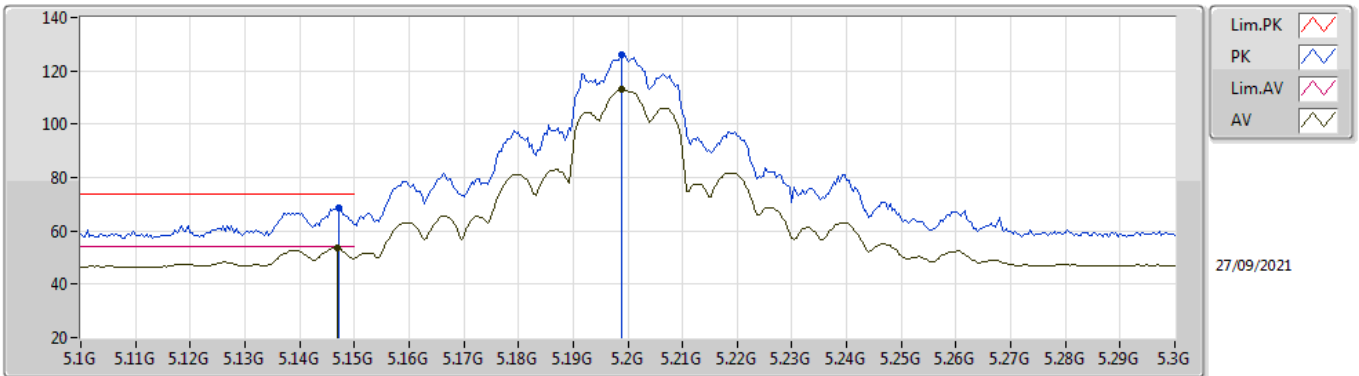


EUT Y_4TX
Setting 21.5
03-D-K-5

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	15.5401G	58.85	74.00	-15.15	43.54	3	Horizontal	322	1.01	-	38.34	12.37	35.40
AV	15.53566G	45.89	54.00	-8.11	30.54	3	Horizontal	322	1.01	-	38.38	12.37	35.40

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

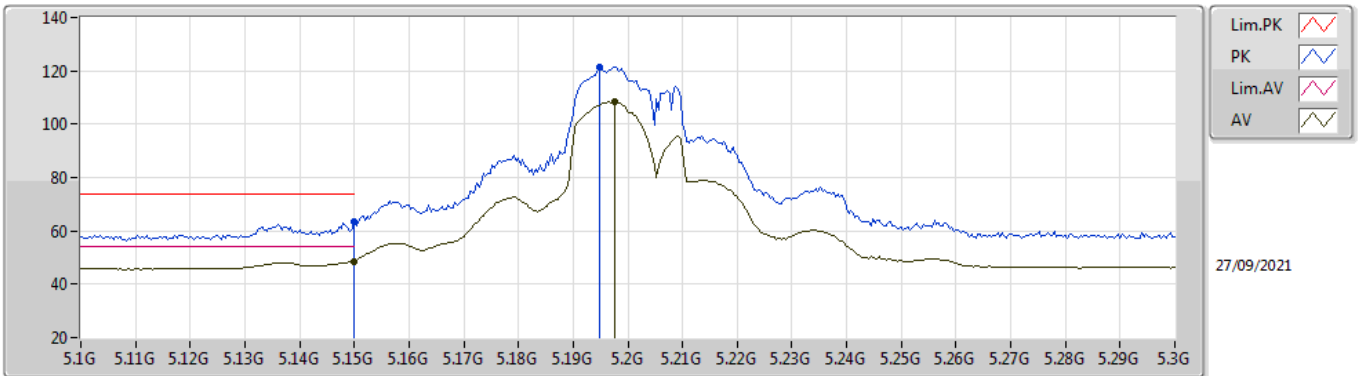


EUT_Y_4TX
Setting 26
03-D-K-5-10

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	5.1472G	68.65	74.00	-5.35	63.33	3	Vertical	97	1.34	-	34.09	6.57	35.34	
AV	5.1468G	53.54	54.00	-0.46	48.22	3	Vertical	97	1.34	-	34.09	6.57	35.34	
PK	5.1988G	126.07	Inf	-Inf	120.81	3	Vertical	97	1.34	-	34.00	6.60	35.34	
AV	5.1988G	113.17	Inf	-Inf	107.91	3	Vertical	97	1.34	-	34.00	6.60	35.34	

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

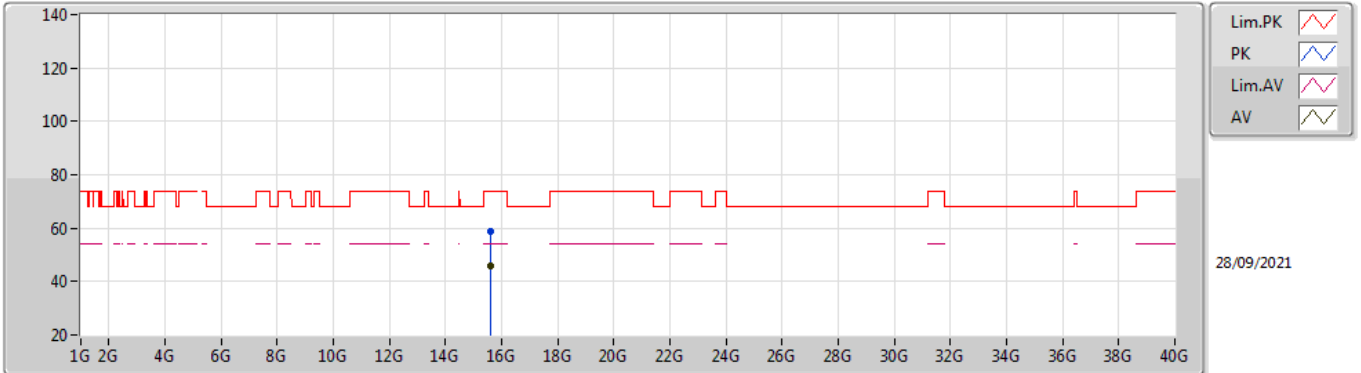


EUT Y_4TX
Setting 26
03-D-K-5-10

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	63.54	74.00	-10.46	58.21	3	Horizontal	265	2.83	-	34.10	6.57	35.34	
AV	5.15G	48.56	54.00	-5.44	43.23	3	Horizontal	265	2.83	-	34.10	6.57	35.34	
PK	5.1948G	121.17	Inf	-Inf	115.90	3	Horizontal	265	2.83	-	34.01	6.60	35.34	
AV	5.1976G	108.27	Inf	-Inf	103.01	3	Horizontal	265	2.83	-	34.00	6.60	35.34	

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

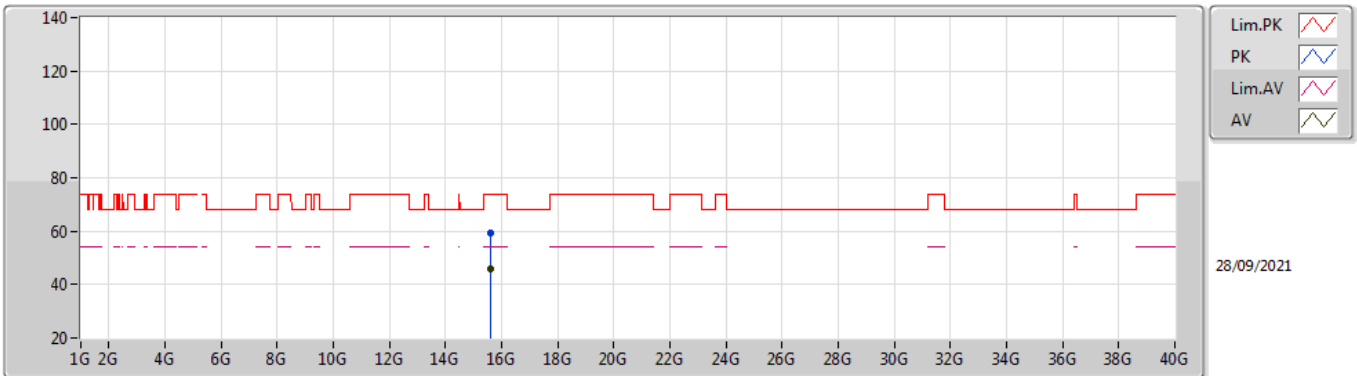


EUT Y_4TX
Setting 26
03-D-K-5

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	15.60048G	59.01	74.00	-14.99	44.26	3	Vertical	50	1.63	-	37.80	12.40	35.45
AV	15.59688G	45.66	54.00	-8.34	30.88	3	Vertical	50	1.63	-	37.83	12.40	35.45

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

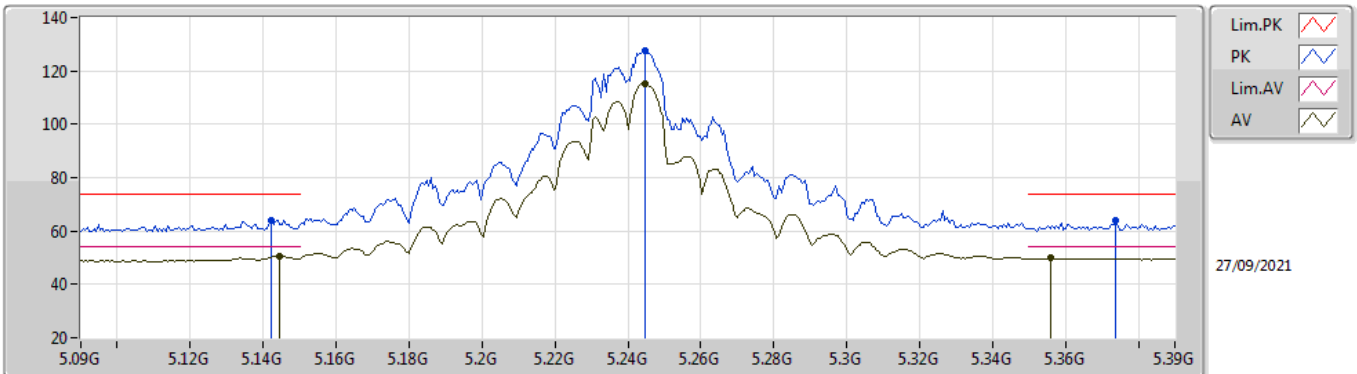


EUT Y_4TX
Setting 26
03-D-K-5

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	15.59978G	59.14	74.00	-14.86	44.39	3	Horizontal	323	2.72	-	37.80	12.40	35.45
AV	15.59738G	45.73	54.00	-8.27	30.96	3	Horizontal	323	2.72	-	37.82	12.40	35.45

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

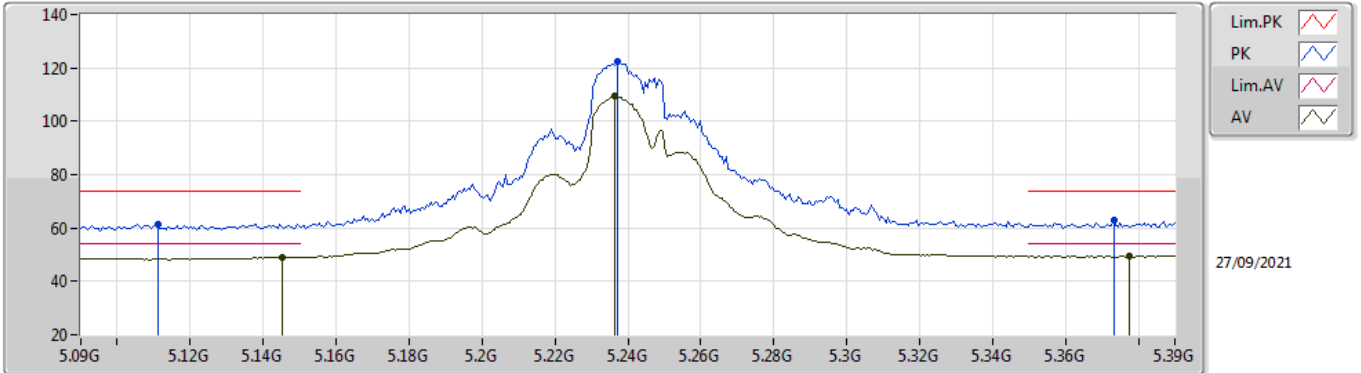


EUT V_4TX
Setting 28.5
03-D-K-5-13

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	5.1422G	63.97	74.00	-10.03	58.67	3	Vertical	66	2.14	-	34.07	6.57	35.34
AV	5.1446G	50.56	54.00	-3.44	45.25	3	Vertical	66	2.14	-	34.08	6.57	35.34
PK	5.2448G	127.35	Inf	-Inf	121.80	3	Vertical	66	2.14	-	34.18	6.71	35.34
AV	5.2448G	115.39	Inf	-Inf	109.84	3	Vertical	66	2.14	-	34.18	6.71	35.34
PK	5.3738G	64.14	74.00	-9.86	57.90	3	Vertical	66	2.14	-	34.55	7.03	35.34
AV	5.3558G	49.75	54.00	-4.25	43.51	3	Vertical	66	2.14	-	34.59	6.99	35.34

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

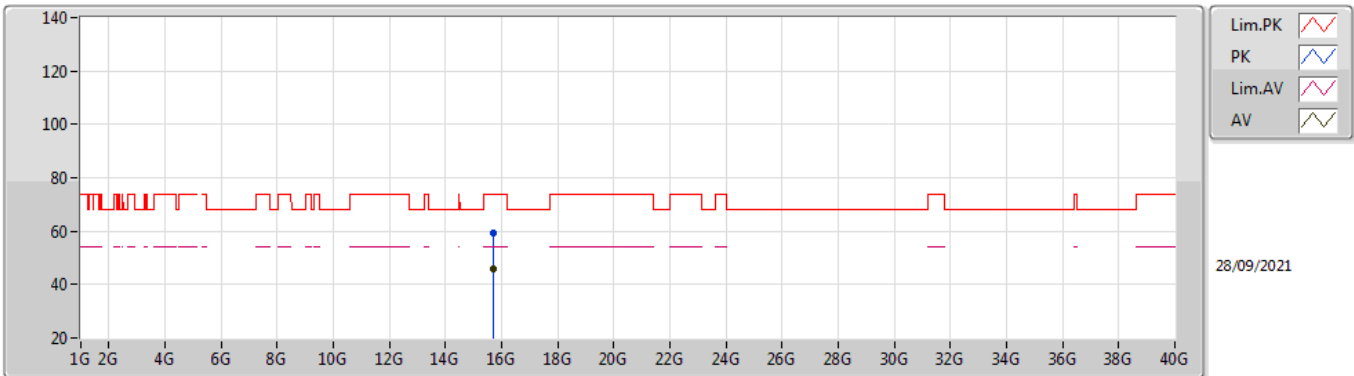


EUT V_4TX
Setting 28.5
03-D-K-5-13

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	5.111G	61.53	74.00	-12.47	56.36	3	Horizontal	267	2.91	-	33.94	6.56	35.33
AV	5.1452G	49.02	54.00	-4.98	43.71	3	Horizontal	267	2.91	-	34.08	6.57	35.34
PK	5.237G	122.24	Inf	-Inf	116.74	3	Horizontal	267	2.91	-	34.15	6.69	35.34
AV	5.2364G	109.49	Inf	-Inf	103.99	3	Horizontal	267	2.91	-	34.15	6.69	35.34
PK	5.3732G	62.80	74.00	-11.20	56.56	3	Horizontal	267	2.91	-	34.55	7.03	35.34
AV	5.3774G	49.40	54.00	-4.60	43.16	3	Horizontal	267	2.91	-	34.55	7.04	35.35

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

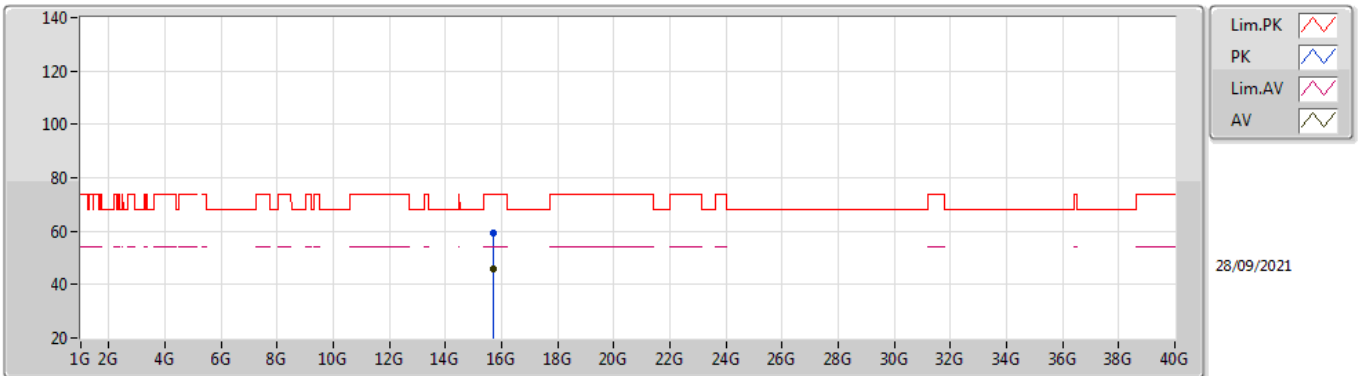


EUT Y_4TX
Setting 28.5
03-D-K-5

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	15.72056G	59.43	74.00	-14.57	44.55	3	Vertical	290	2.69	-	37.98	12.46	35.56	
AV	15.7209G	45.97	54.00	-8.03	31.09	3	Vertical	290	2.69	-	37.98	12.46	35.56	

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

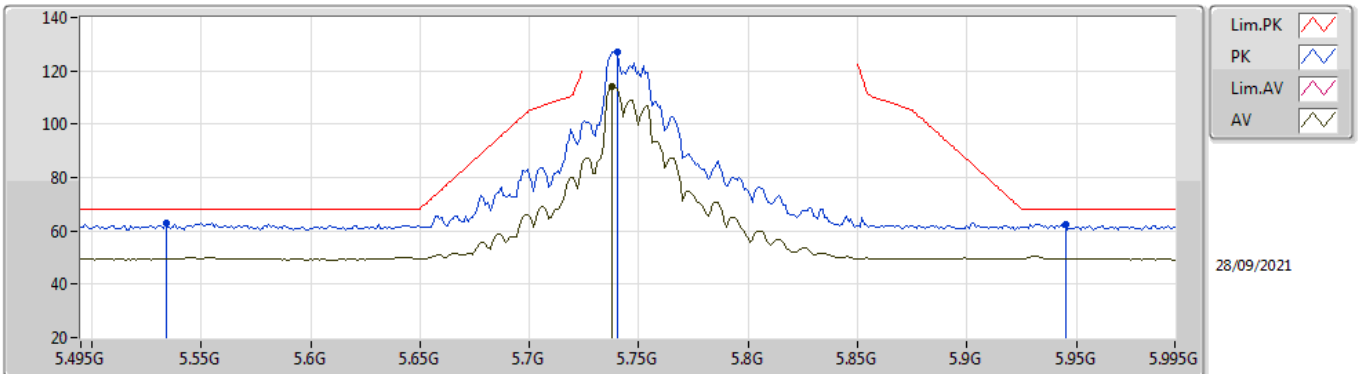


EUT Y_4TX
Setting 28.5
03-D-K-5

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	15.71514G	59.43	74.00	-14.57	44.54	3	Horizontal	44	2.65	-	37.98	12.46	35.55
AV	15.72302G	45.96	54.00	-8.04	31.08	3	Horizontal	44	2.65	-	37.98	12.46	35.56

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

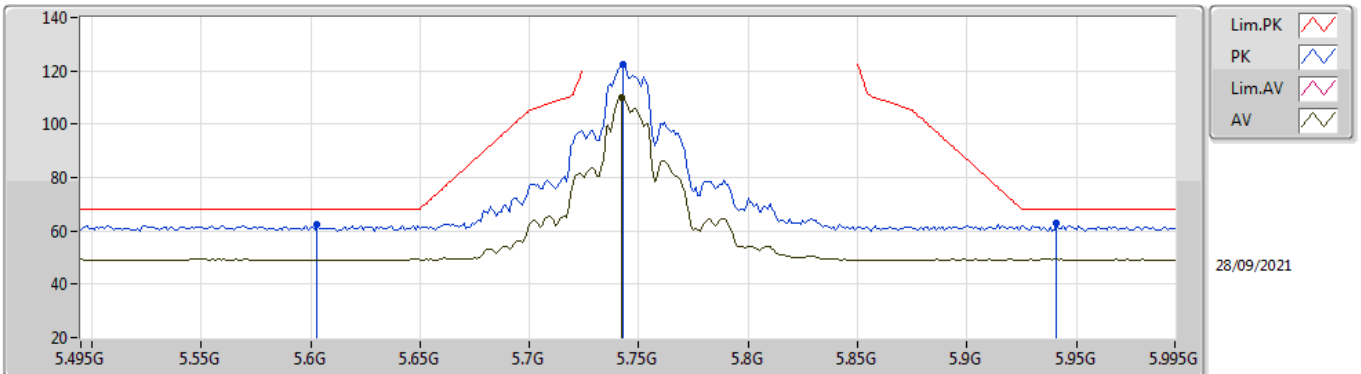


EUT Y_4TX
Setting 28.5
03-D-K-5-13

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	5.534G	63.02	68.20	-5.18	56.89	3	Vertical	97	2.08	-	34.60	6.90	35.37	
PK	5.74G	127.22	Inf	-Inf	121.42	3	Vertical	97	2.08	-	34.40	6.87	35.47	
AV	5.738G	114.15	Inf	-Inf	108.35	3	Vertical	97	2.08	-	34.40	6.87	35.47	
PK	5.945G	62.63	68.20	-5.57	56.55	3	Vertical	97	2.08	-	34.61	7.04	35.57	

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

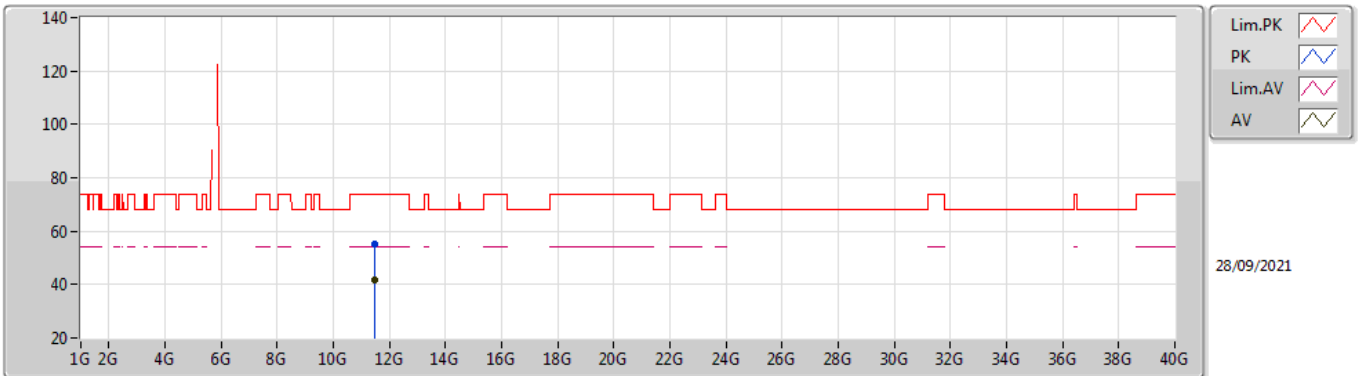


EUT Y_4TX
Setting 28.5
03-D-K-5-13

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	5.603G	62.24	68.20	-5.96	56.44	3	Horizontal	214	2.85	-	34.40	6.80	35.40	
PK	5.743G	122.51	Inf	-Inf	116.71	3	Horizontal	214	2.85	-	34.40	6.87	35.47	
AV	5.742G	109.89	Inf	-Inf	104.09	3	Horizontal	214	2.85	-	34.40	6.87	35.47	
PK	5.941G	62.83	68.20	-5.37	56.74	3	Horizontal	214	2.85	-	34.62	7.04	35.57	

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

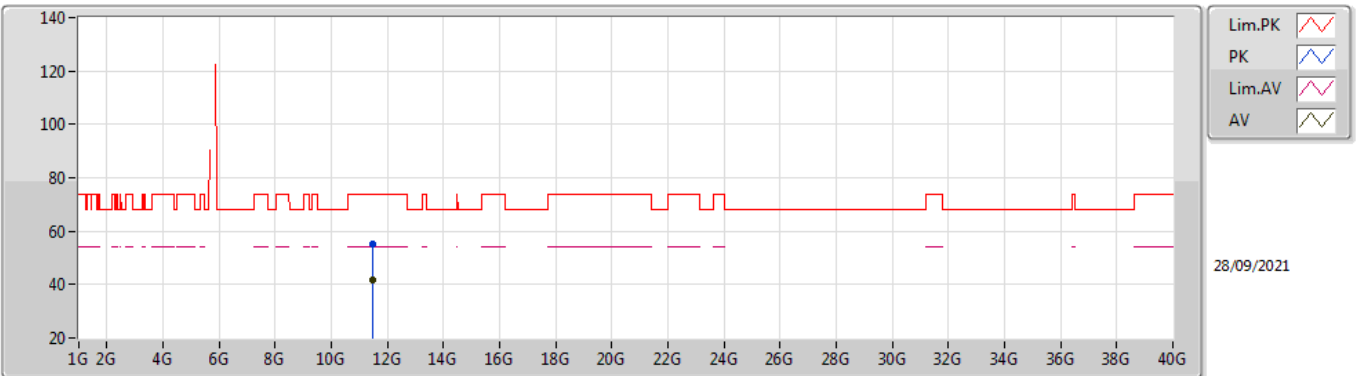


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.48712G	55.36	74.00	-18.64	41.43	3	Vertical	34	2.60	-	39.17	10.35	35.59	
AV	11.49066G	41.74	54.00	-12.26	27.80	3	Vertical	34	2.60	-	39.18	10.35	35.59	

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

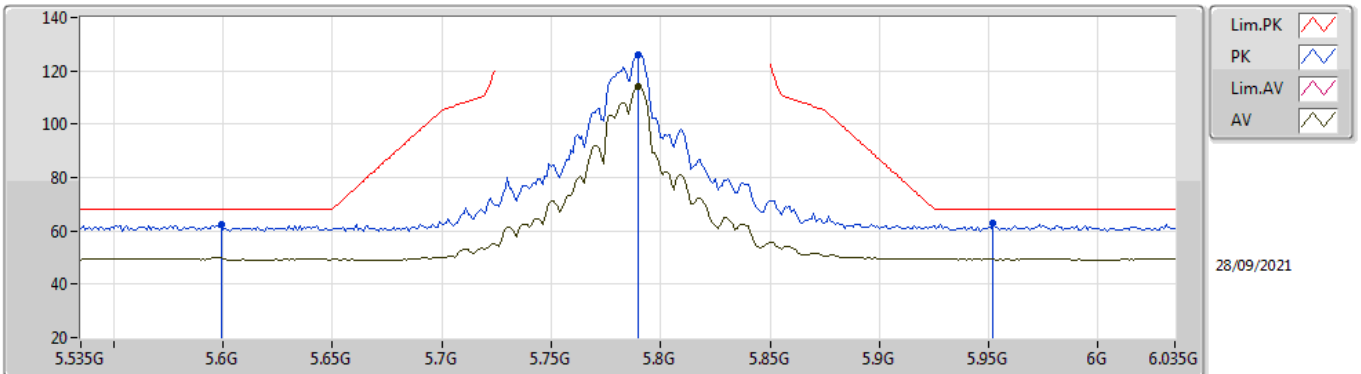


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.49026G	54.93	74.00	-19.07	40.99	3	Horizontal	128	2.40	-	39.18	10.35	35.59
AV	11.49366G	41.73	54.00	-12.27	27.78	3	Horizontal	128	2.40	-	39.19	10.35	35.59

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

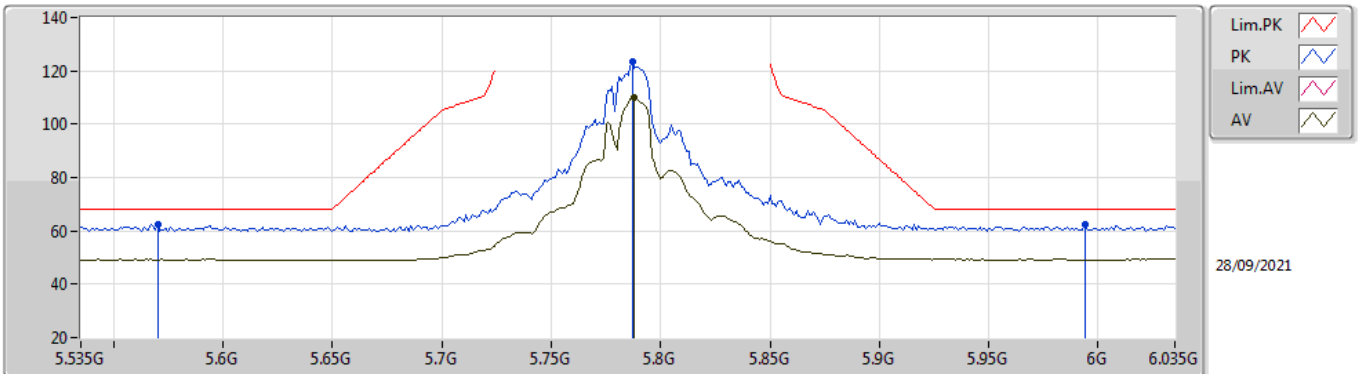


EUT Y_4TX
Setting 28.5
03-D-K-5-13

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	5.599G	62.36	68.20	-5.84	56.56	3	Vertical	111	1.96	-	34.40	6.80	35.40	
PK	5.79G	126.13	Inf	-Inf	120.33	3	Vertical	111	1.96	-	34.40	6.90	35.50	
AV	5.79G	114.12	Inf	-Inf	108.32	3	Vertical	111	1.96	-	34.40	6.90	35.50	
PK	5.952G	62.83	68.20	-5.37	56.76	3	Vertical	111	1.96	-	34.60	7.05	35.58	

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

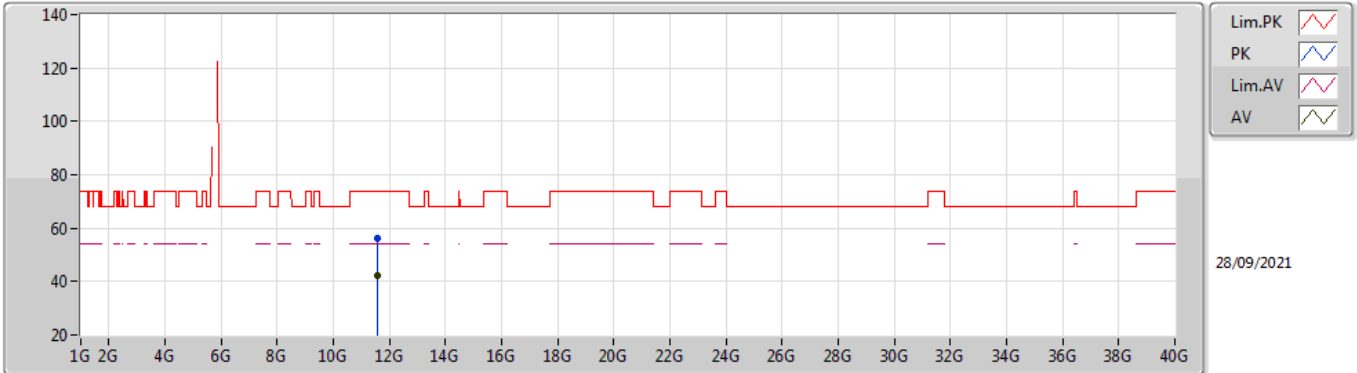


EUT Y_4TX
Setting 28.5
03-D-K-5-13

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	5.57G	62.45	68.20	-5.75	56.48	3	Horizontal	248	3.00	-	34.52	6.84	35.39
PK	5.787G	123.20	Inf	-Inf	117.40	3	Horizontal	248	3.00	-	34.40	6.89	35.49
AV	5.788G	109.78	Inf	-Inf	103.98	3	Horizontal	248	3.00	-	34.40	6.89	35.49
PK	5.994G	62.17	68.20	-6.03	55.99	3	Horizontal	248	3.00	-	34.69	7.09	35.60

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

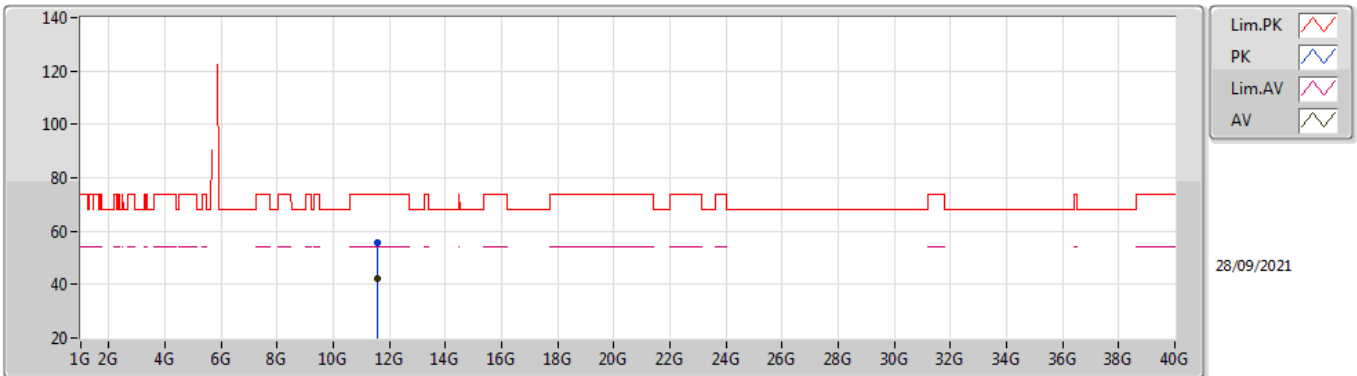


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.5678G	55.96	74.00	-18.04	41.71	3	Vertical	132	2.93	-	39.47	10.37	35.59	
AV	11.56842G	42.29	54.00	-11.71	28.03	3	Vertical	132	2.93	-	39.47	10.37	35.58	

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

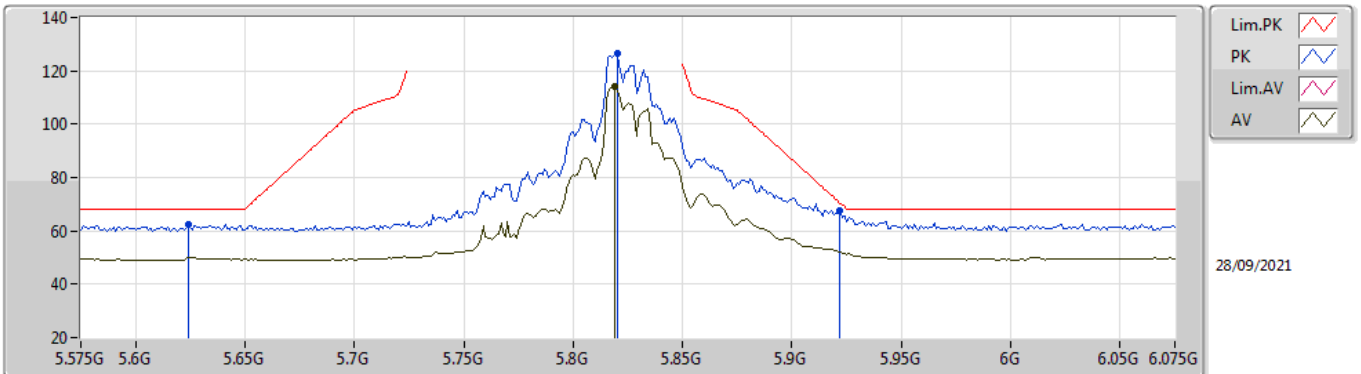


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.56814G	55.89	74.00	-18.11	41.64	3	Horizontal	143	1.80	-	39.47	10.37	35.59
AV	11.56926G	42.35	54.00	-11.65	28.08	3	Horizontal	143	1.80	-	39.48	10.37	35.58

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

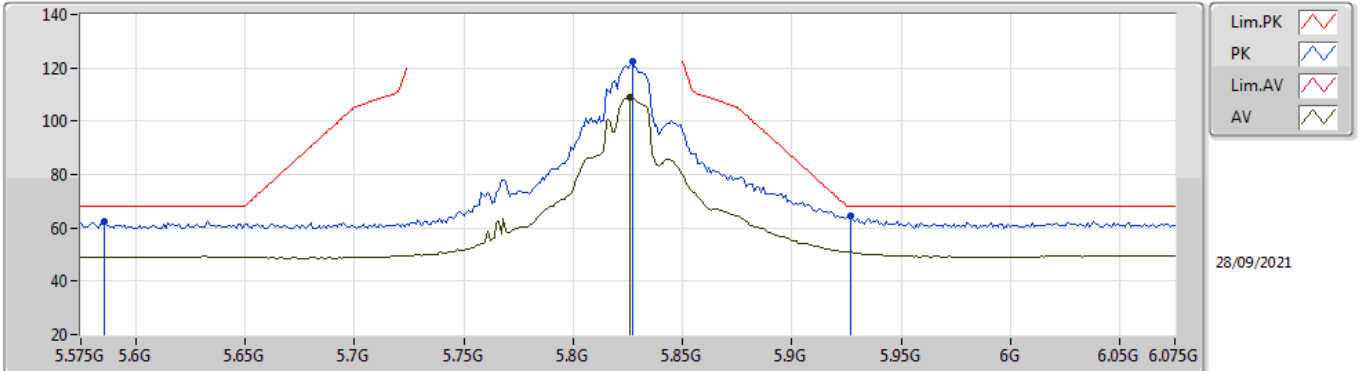


EUT Y_4TX
Setting 28.5
03-D-K-5-13

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	5.624G	62.32	68.20	-5.88	56.52	3	Vertical	94	1.97	-	34.40	6.81	35.41	
PK	5.82G	126.60	Inf	-Inf	120.79	3	Vertical	94	1.97	-	34.40	6.92	35.51	
AV	5.819G	114.07	Inf	-Inf	108.26	3	Vertical	94	1.97	-	34.40	6.92	35.51	
PK	5.922G	67.36	70.42	-3.06	61.24	3	Vertical	94	1.97	-	34.66	7.02	35.56	

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

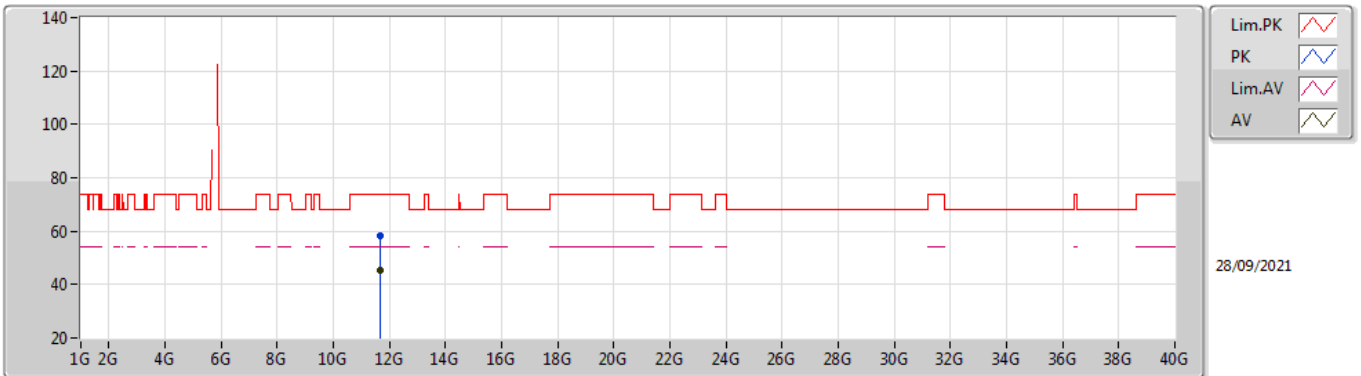


EUT Y_4TX
Setting 28.5
03-D-K-5-13

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	5.586G	62.42	68.20	-5.78	56.53	3	Horizontal	254	1.80	-	34.46	6.82	35.39	
PK	5.827G	122.22	Inf	-Inf	116.40	3	Horizontal	254	1.80	-	34.40	6.93	35.51	
AV	5.826G	109.20	Inf	-Inf	103.38	3	Horizontal	254	1.80	-	34.40	6.93	35.51	
PK	5.927G	64.51	68.20	-3.69	58.39	3	Horizontal	254	1.80	-	34.65	7.03	35.56	

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

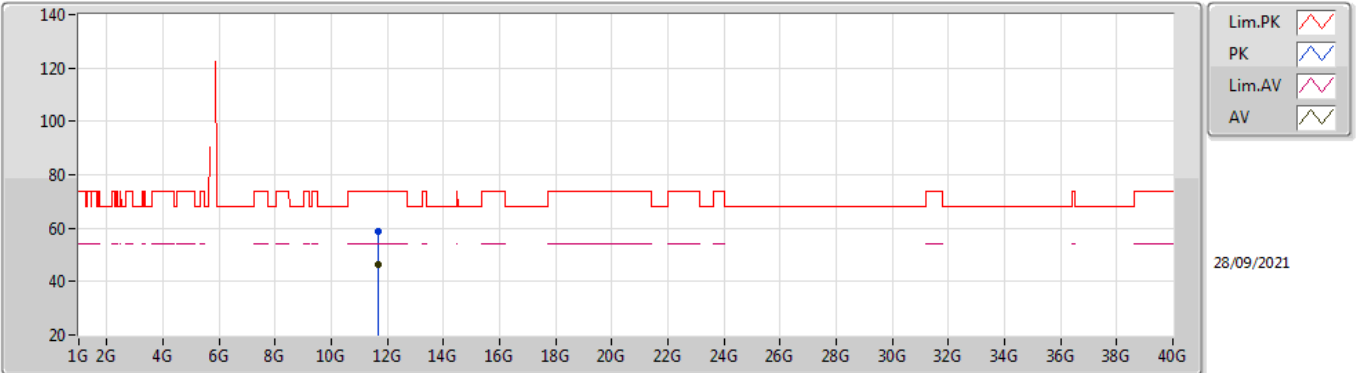


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.65016G	58.24	74.00	-15.76	43.81	3	Vertical	320	2.17	-	39.60	10.40	35.57
AV	11.64981G	45.36	54.00	-8.64	30.94	3	Vertical	320	2.17	-	39.60	10.39	35.57

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

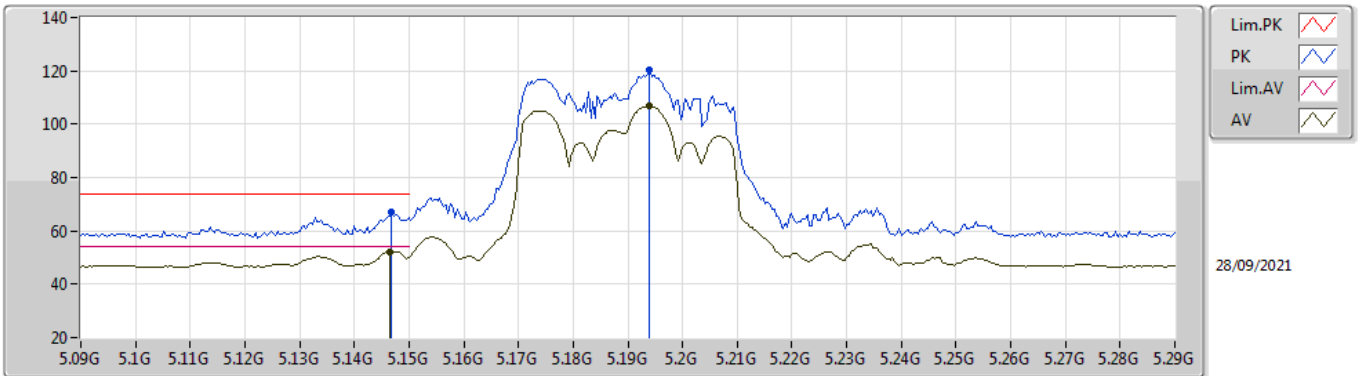


EUT Y_4TX
Setting 28.5
03-D-K-5

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	11.6494G	58.86	74.00	-15.14	44.44	3	Horizontal	260	1.80	-	39.60	10.39	35.57
AV	11.64989G	46.61	54.00	-7.39	32.19	3	Horizontal	260	1.80	-	39.60	10.39	35.57

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

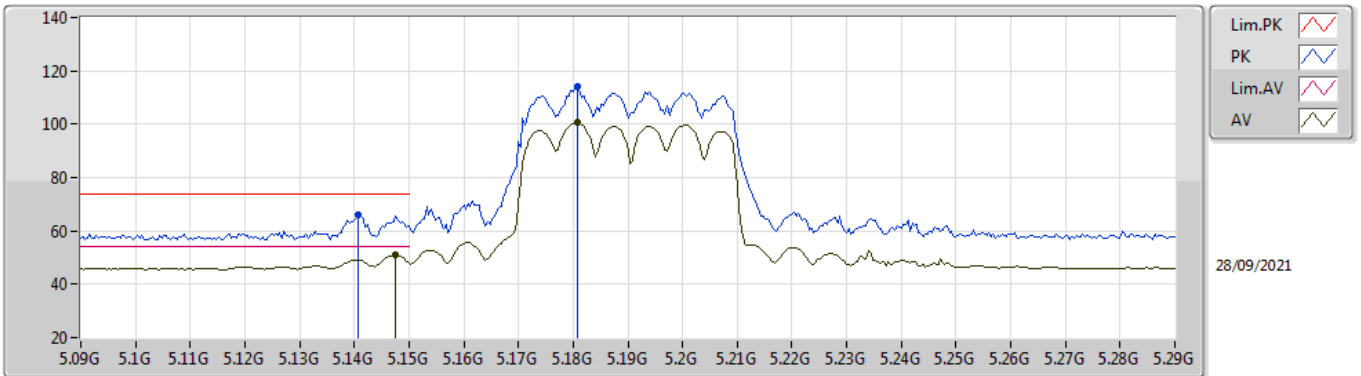


EUT Y_4TX
Setting 20
03-D-K-5-10

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	5.1468G	66.83	74.00	-7.17	61.51	3	Vertical	115	2.16	-	34.09	6.57	35.34	
AV	5.1464G	52.28	54.00	-1.72	46.96	3	Vertical	115	2.16	-	34.09	6.57	35.34	
PK	5.194G	120.37	Inf	-Inf	115.10	3	Vertical	115	2.16	-	34.01	6.60	35.34	
AV	5.194G	106.76	Inf	-Inf	101.49	3	Vertical	115	2.16	-	34.01	6.60	35.34	

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

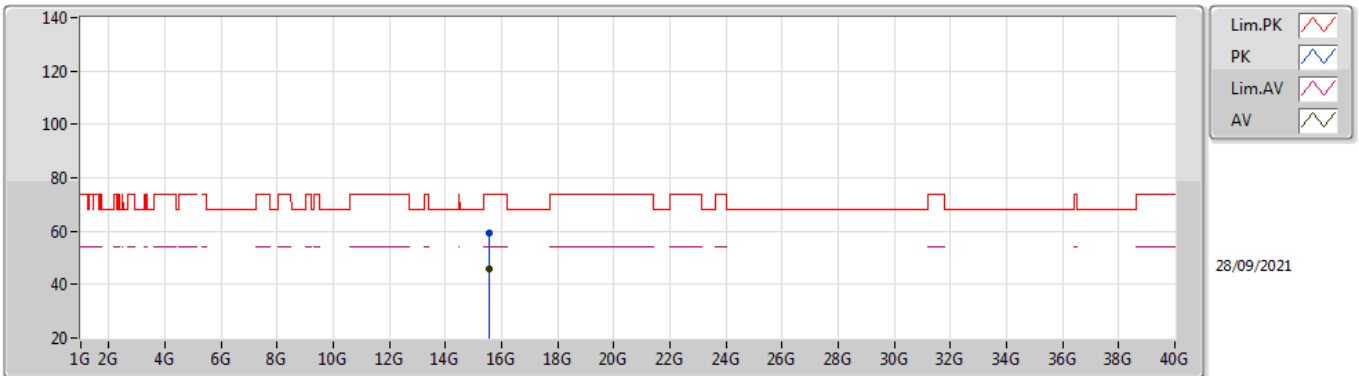


EUT Y_4TX
Setting 20
03-D-K-5-10

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	5.1408G	66.04	74.00	-7.96	60.75	3	Horizontal	176	3.00	-	34.06	6.57	35.34	
AV	5.1476G	50.92	54.00	-3.08	45.60	3	Horizontal	176	3.00	-	34.09	6.57	35.34	
PK	5.1808G	113.92	Inf	-Inf	108.63	3	Horizontal	176	3.00	-	34.04	6.59	35.34	
AV	5.1808G	100.46	Inf	-Inf	95.17	3	Horizontal	176	3.00	-	34.04	6.59	35.34	

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

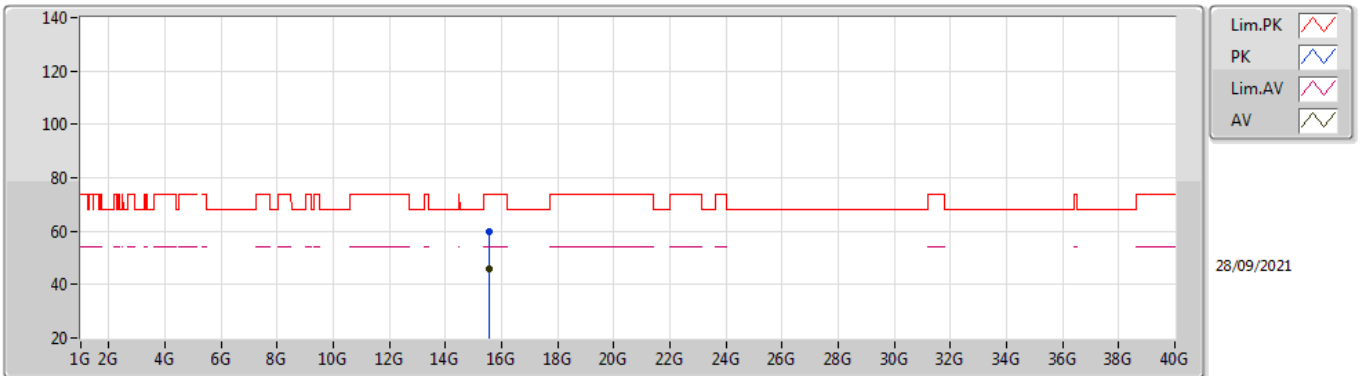


EUT Y_4TX
Setting 20
03-D-K-5

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	15.57466G	59.38	74.00	-14.62	44.39	3	Vertical	130	1.98	-	38.03	12.39	35.43	
AV	15.57236G	45.87	54.00	-8.13	30.86	3	Vertical	130	1.98	-	38.05	12.39	35.43	

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

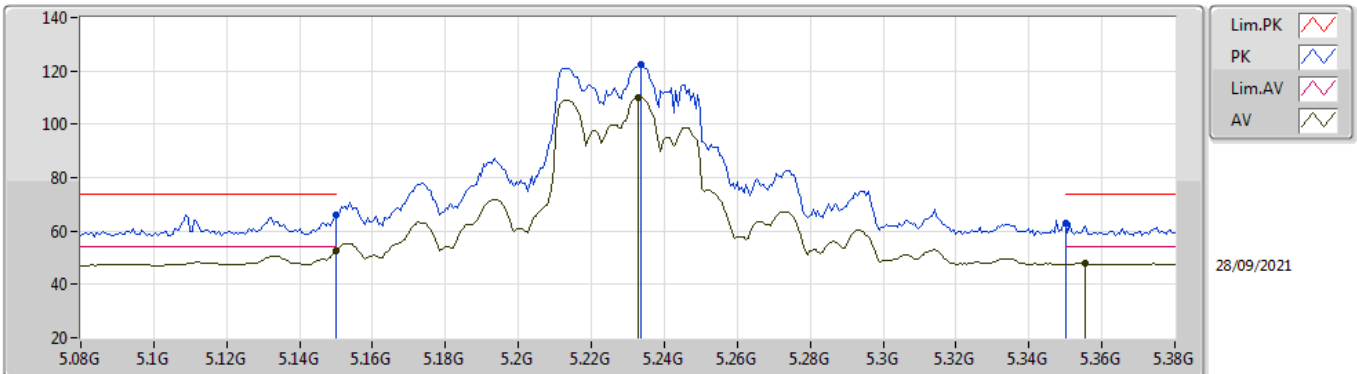


EUT Y_4TX
Setting 20
03-D-K-5

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	15.57448G	59.70	74.00	-14.30	44.71	3	Horizontal	96	1.53	-	38.03	12.39	35.43
AV	15.56846G	45.78	54.00	-8.22	30.75	3	Horizontal	96	1.53	-	38.08	12.38	35.43

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

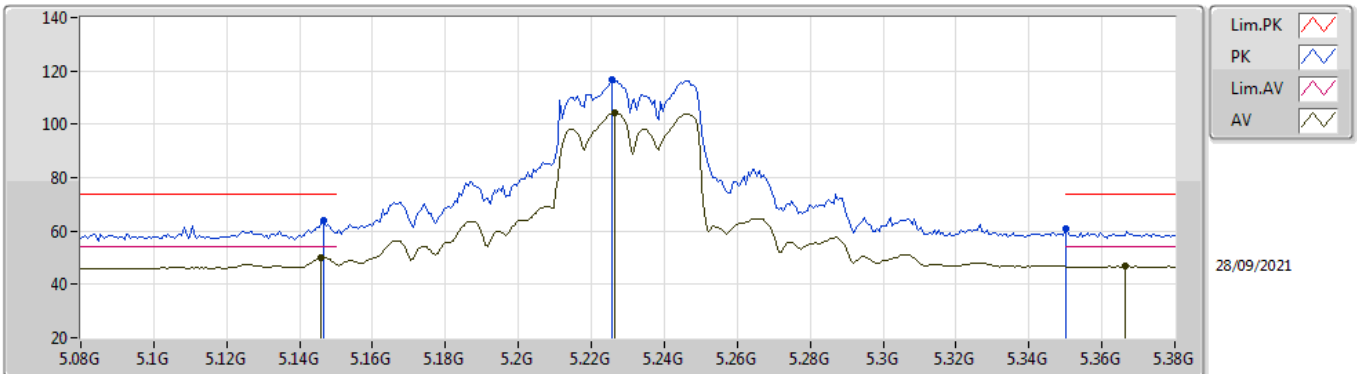


EUT_V_4TX
Setting 23.5
03-D-K-5-10

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	66.02	74.00	-7.98	60.69	3	Vertical	114	2.76	-	34.10	6.57	35.34
AV	5.15G	52.69	54.00	-1.31	47.36	3	Vertical	114	2.76	-	34.10	6.57	35.34
PK	5.2336G	122.47	Inf	-Inf	117.00	3	Vertical	114	2.76	-	34.13	6.68	35.34
AV	5.233G	110.05	Inf	-Inf	104.58	3	Vertical	114	2.76	-	34.13	6.68	35.34
PK	5.35G	63.07	74.00	-10.93	56.83	3	Vertical	114	2.76	-	34.60	6.98	35.34
AV	5.3554G	47.90	54.00	-6.10	41.66	3	Vertical	114	2.76	-	34.59	6.99	35.34

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

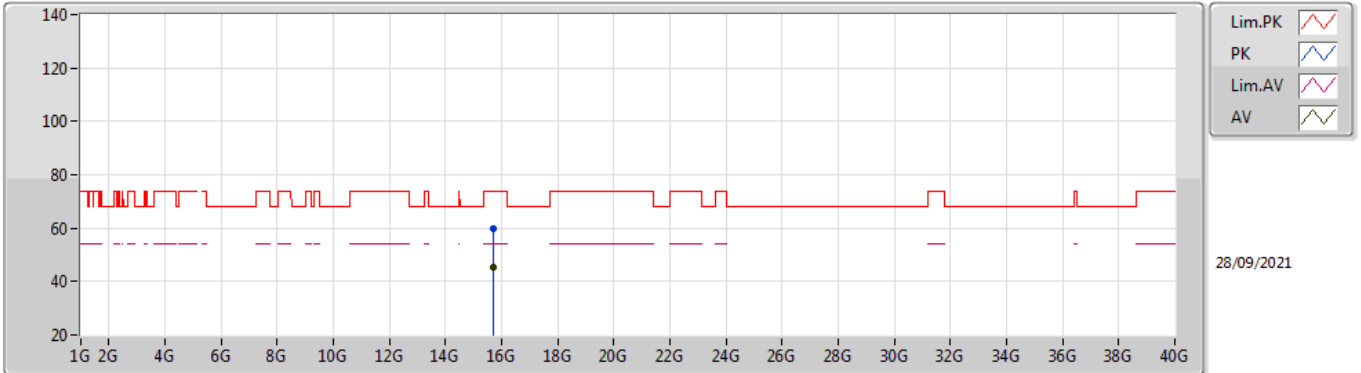


EUT V_4TX
Setting 23.5
03-D-K-5-10

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	5.1466G	63.76	74.00	-10.24	58.44	3	Horizontal	123	2.65	-	34.09	6.57	35.34
AV	5.146G	50.16	54.00	-3.84	44.85	3	Horizontal	123	2.65	-	34.08	6.57	35.34
PK	5.2258G	116.81	Inf	-Inf	111.39	3	Horizontal	123	2.65	-	34.10	6.66	35.34
AV	5.2264G	104.45	Inf	-Inf	99.01	3	Horizontal	123	2.65	-	34.11	6.67	35.34
PK	5.35G	60.74	74.00	-13.26	54.50	3	Horizontal	123	2.65	-	34.60	6.98	35.34
AV	5.3662G	46.71	54.00	-7.29	40.46	3	Horizontal	123	2.65	-	34.57	7.02	35.34

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

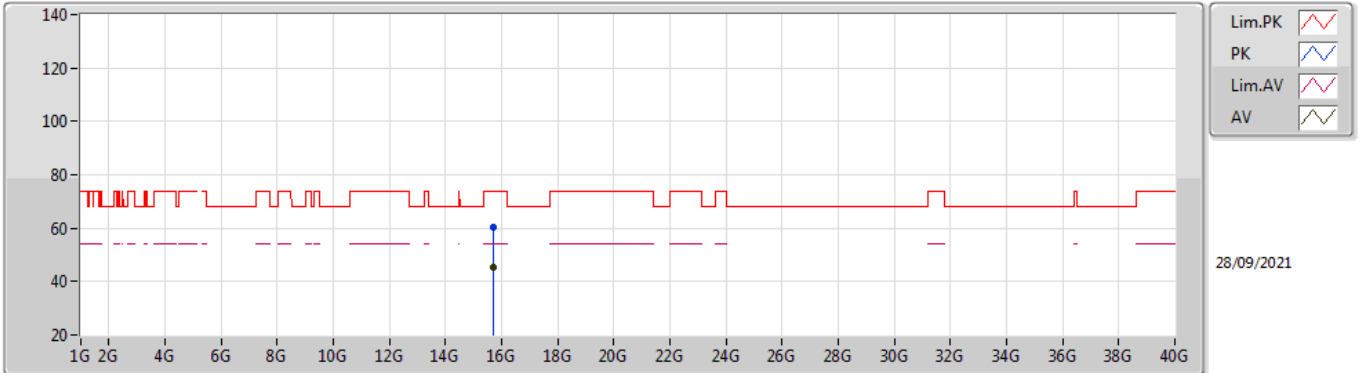


EUT Y_4TX
Setting 23.5
03-D-K-5

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	15.6918G	59.60	74.00	-14.40	44.70	3	Vertical	28	2.63	-	37.98	12.45	35.53
AV	15.69342G	45.43	54.00	-8.57	30.52	3	Vertical	28	2.63	-	37.99	12.45	35.53

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

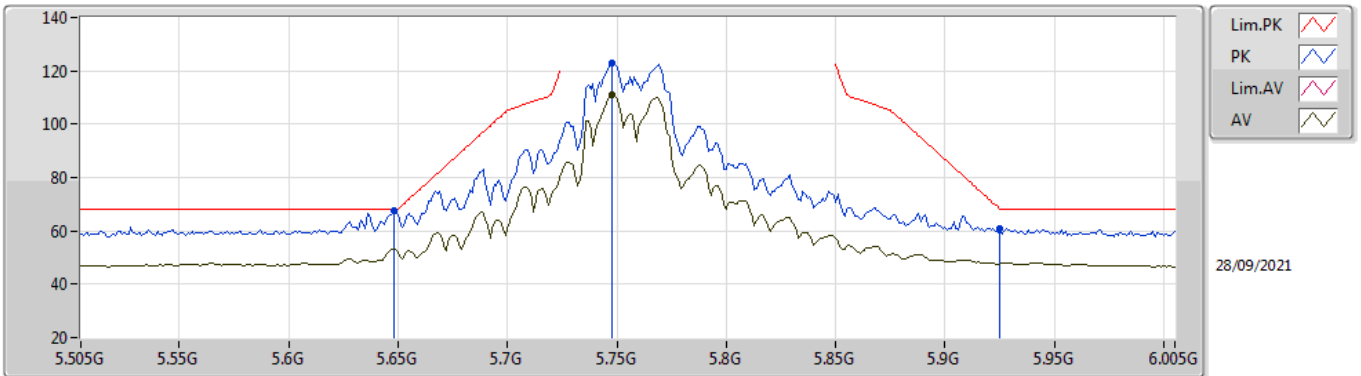


EUT Y_4TX
Setting 23.5
03-D-K-5

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	15.68606G	60.11	74.00	-13.89	45.23	3	Horizontal	217	1.89	-	37.97	12.44	35.53
AV	15.68758G	45.43	54.00	-8.57	30.54	3	Horizontal	217	1.89	-	37.98	12.44	35.53

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

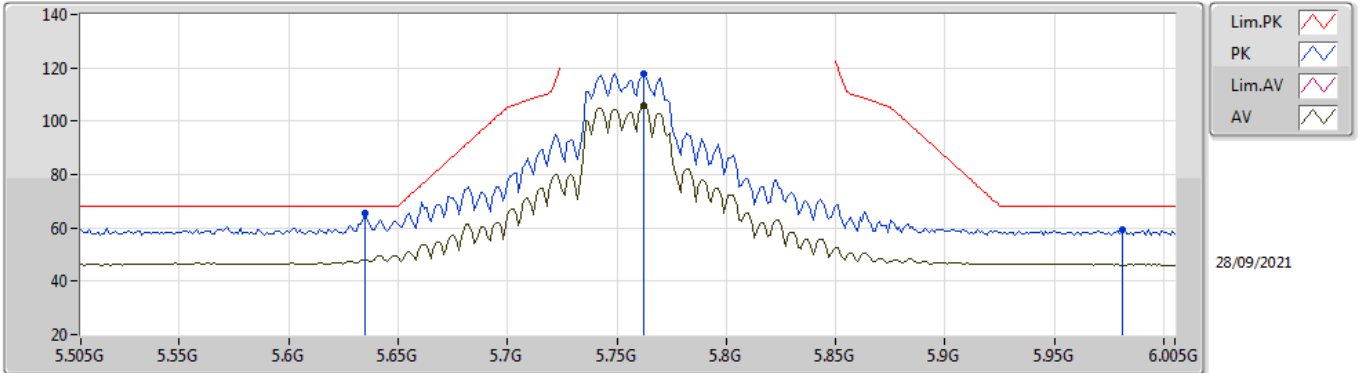


EUT Y_4TX
Setting 25
03-D-K-5-10

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	5.648G	67.78	68.20	-0.42	61.98	3	Vertical	96	2.05	-	34.40	6.82	35.42	
PK	5.748G	122.71	Inf	-Inf	116.91	3	Vertical	96	2.05	-	34.40	6.87	35.47	
AV	5.748G	110.99	Inf	-Inf	105.19	3	Vertical	96	2.05	-	34.40	6.87	35.47	
PK	5.925G	60.90	68.20	-7.30	54.78	3	Vertical	96	2.05	-	34.65	7.03	35.56	

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

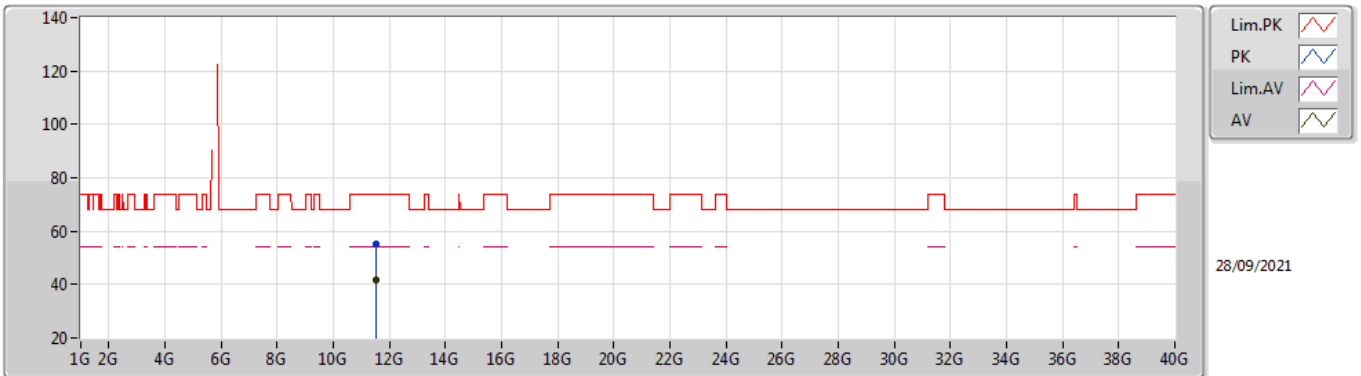


EUT Y_4TX
Setting 25
03-D-K-5-10

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	5.635G	65.37	68.20	-2.83	59.57	3	Horizontal	177	2.44	-	34.40	6.82	35.42	
PK	5.762G	117.97	Inf	-Inf	112.17	3	Horizontal	177	2.44	-	34.40	6.88	35.48	
AV	5.762G	105.72	Inf	-Inf	99.92	3	Horizontal	177	2.44	-	34.40	6.88	35.48	
PK	5.981G	59.20	68.20	-9.00	53.05	3	Horizontal	177	2.44	-	34.66	7.08	35.59	

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

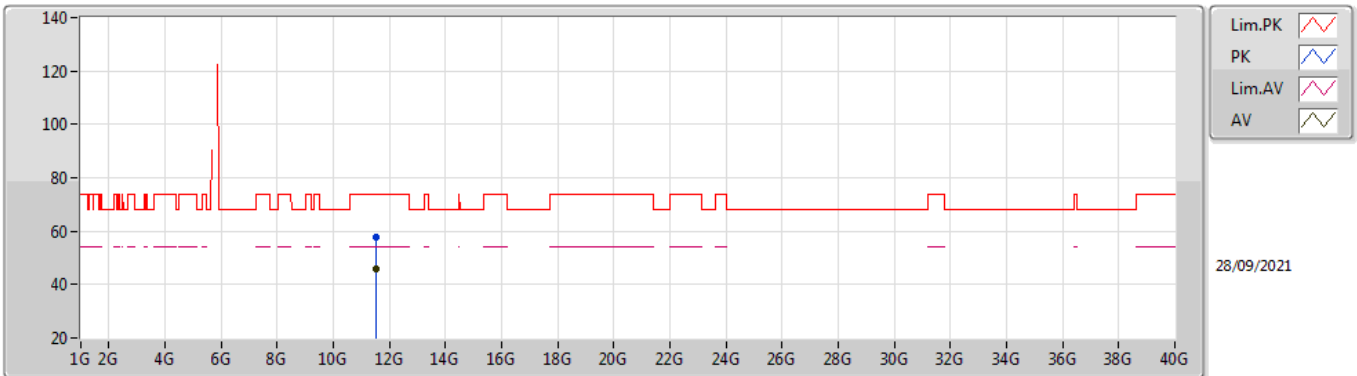


EUT Y_4TX
Setting 25
03-D-K-5

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	11.51211G	55.05	74.00	-18.95	41.05	3	Vertical	18	2.76	-	39.25	10.35	35.60
AV	11.50997G	41.83	54.00	-12.17	27.84	3	Vertical	18	2.76	-	39.24	10.35	35.60

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

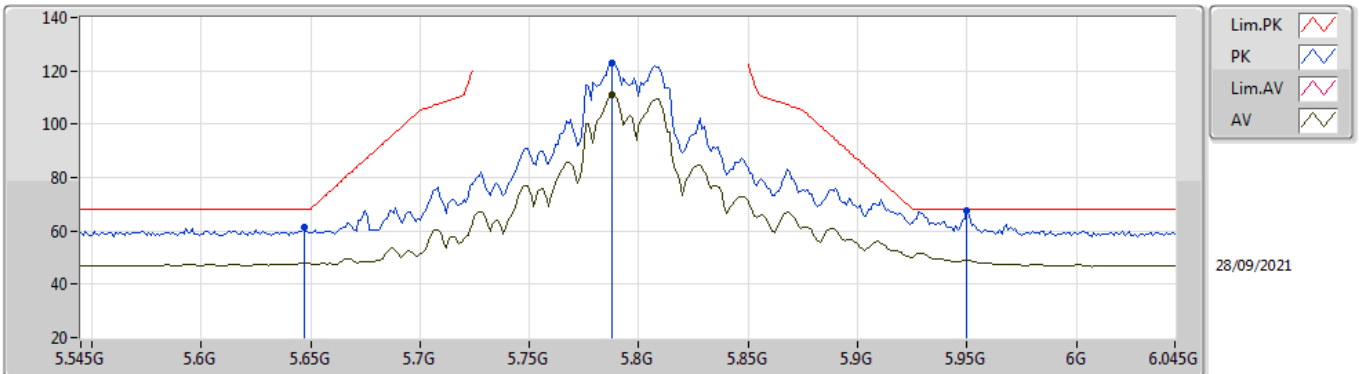


EUT Y_4TX
Setting 25
03-D-K-5

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	11.50986G	57.56	74.00	-16.44	43.57	3	Horizontal	257	1.96	-	39.24	10.35	35.60
AV	11.50989G	46.07	54.00	-7.93	32.08	3	Horizontal	257	1.96	-	39.24	10.35	35.60

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

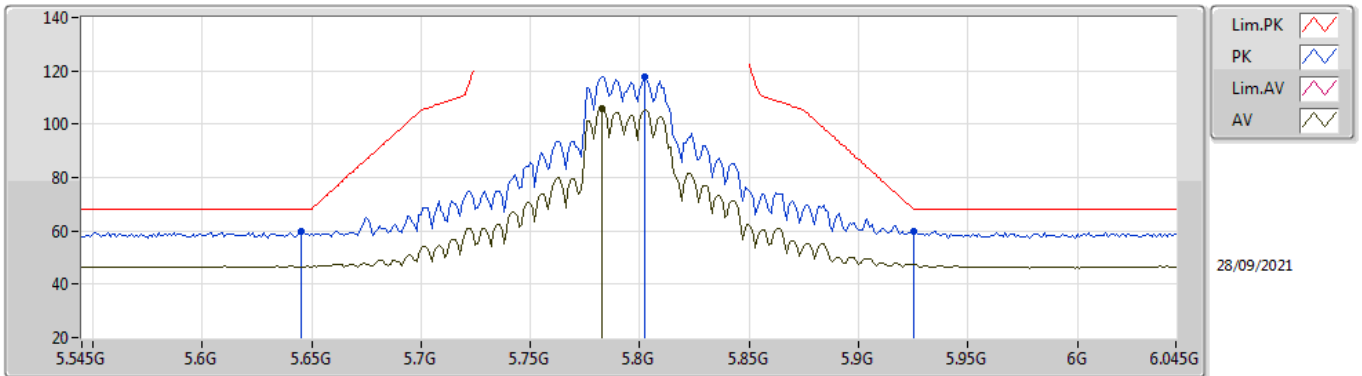


EUT Y_4TX
Setting 25
03-D-K-5-10

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	5.647G	61.37	68.20	-6.83	55.57	3	Vertical	95	1.89	-	34.40	6.82	35.42	
PK	5.788G	123.16	Inf	-Inf	117.36	3	Vertical	95	1.89	-	34.40	6.89	35.49	
AV	5.788G	110.80	Inf	-Inf	105.00	3	Vertical	95	1.89	-	34.40	6.89	35.49	
PK	5.95G	67.45	68.20	-0.75	61.38	3	Vertical	95	1.89	-	34.60	7.05	35.58	

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

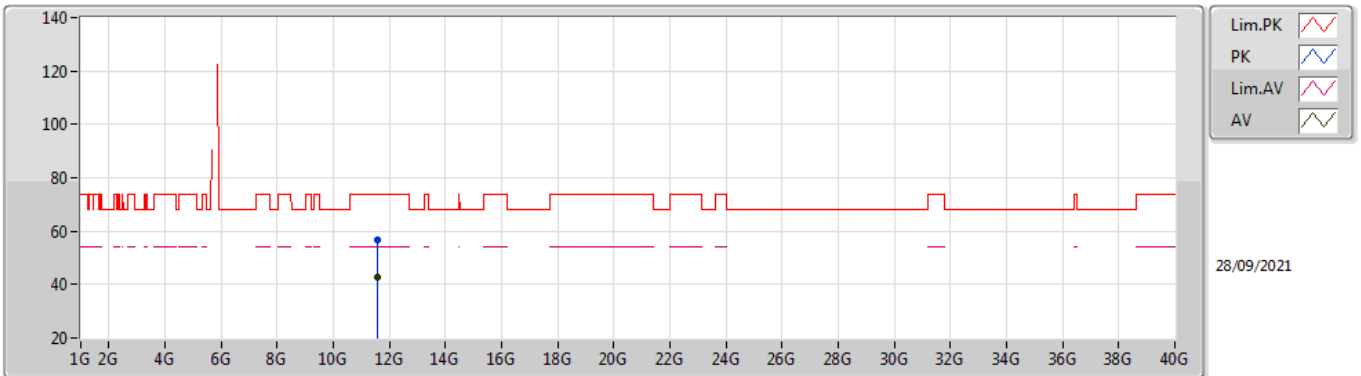


EUT Y_4TX
Setting 25
03-D-K-5-10

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	59.61	68.20	-8.59	53.81	3	Horizontal	178	2.41	-	34.40	6.82	35.42	
PK	5.802G	118.01	Inf	-Inf	112.21	3	Horizontal	178	2.41	-	34.40	6.90	35.50	
AV	5.783G	105.79	Inf	-Inf	99.99	3	Horizontal	178	2.41	-	34.40	6.89	35.49	
PK	5.925G	59.87	68.20	-8.33	53.75	3	Horizontal	178	2.41	-	34.65	7.03	35.56	

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

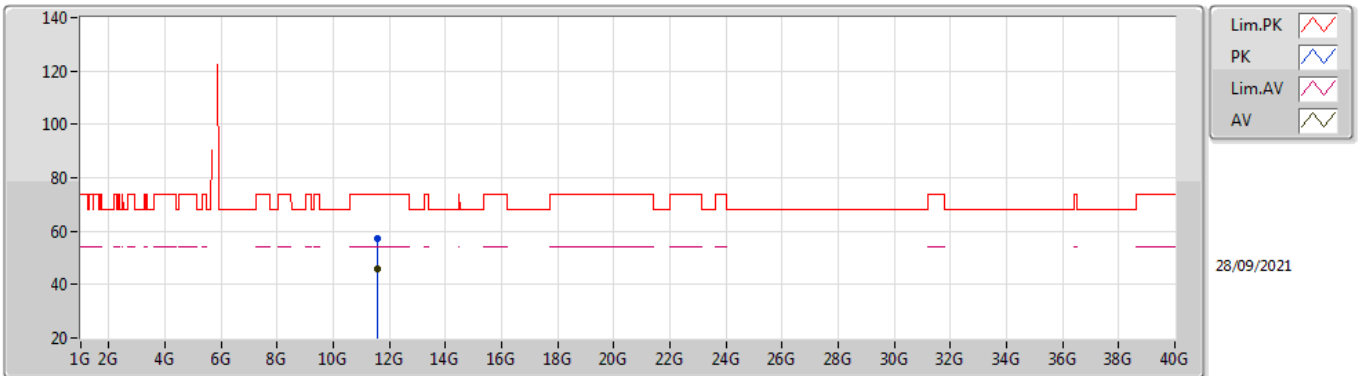


EUT Y_4TX
Setting 25
03-D-K-5

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	11.58869G	56.91	74.00	-17.09	42.56	3	Vertical	159	2.78	-	39.55	10.38	35.58	
AV	11.58982G	42.77	54.00	-11.23	28.41	3	Vertical	159	2.78	-	39.56	10.38	35.58	

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

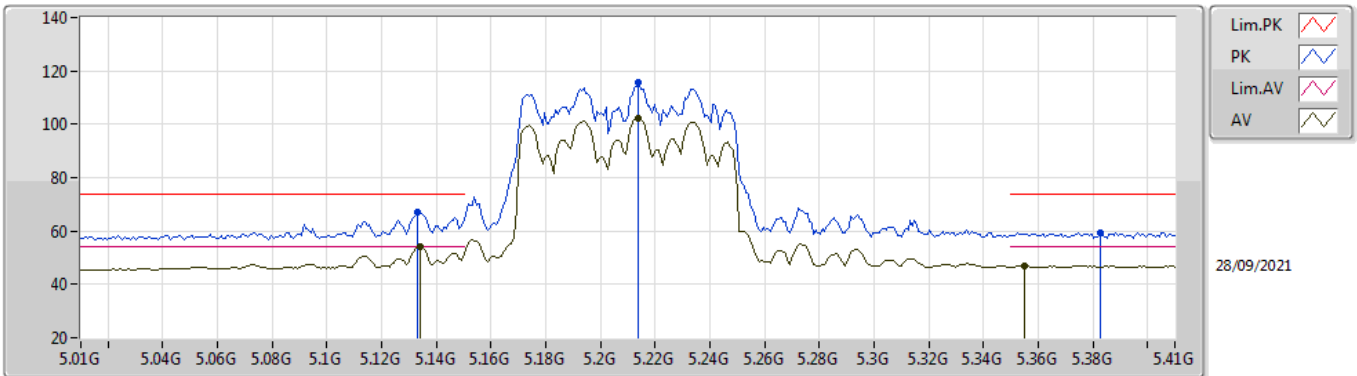


EUT Y_4TX
Setting 25
03-D-K-5

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	11.59036G	57.46	74.00	-16.54	43.10	3	Horizontal	257	1.92	-	39.56	10.38	35.58	
AV	11.58997G	45.66	54.00	-8.34	31.30	3	Horizontal	257	1.92	-	39.56	10.38	35.58	

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

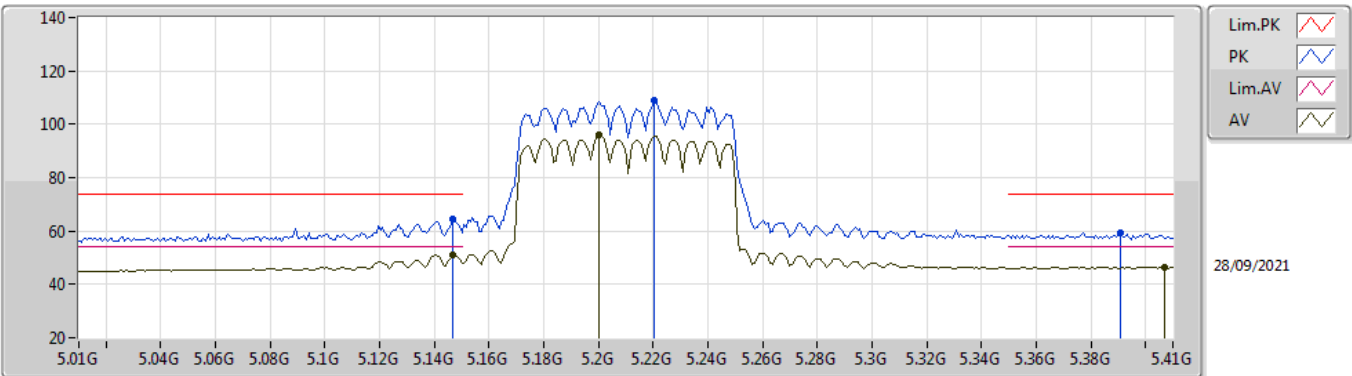


EUT_V_4TX
Setting 19
03-D-K-5-10

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	5.1332G	67.30	74.00	-6.70	62.04	3	Vertical	112	1.36	-	34.03	6.57	35.34
AV	5.134G	53.96	54.00	-0.04	48.69	3	Vertical	112	1.36	-	34.04	6.57	35.34
PK	5.214G	115.57	Inf	-Inf	110.22	3	Vertical	112	1.36	-	34.06	6.63	35.34
AV	5.214G	102.24	Inf	-Inf	96.89	3	Vertical	112	1.36	-	34.06	6.63	35.34
PK	5.3828G	59.54	74.00	-14.46	53.30	3	Vertical	112	1.36	-	34.53	7.06	35.35
AV	5.3548G	46.95	54.00	-7.05	40.71	3	Vertical	112	1.36	-	34.59	6.99	35.34

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

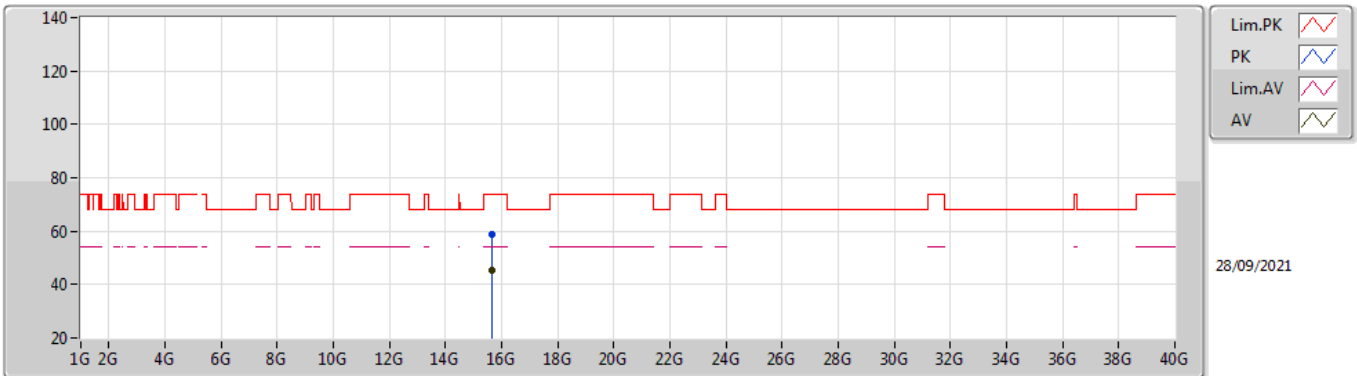


EUT_V_4TX
Setting 19
03-D-K-5-10

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	5.1468G	64.61	74.00	-9.39	59.29	3	Horizontal	170	2.97	-	34.09	6.57	35.34
AV	5.1468G	51.04	54.00	-2.96	45.72	3	Horizontal	170	2.97	-	34.09	6.57	35.34
PK	5.2204G	108.79	Inf	-Inf	103.40	3	Horizontal	170	2.97	-	34.08	6.65	35.34
AV	5.2004G	95.83	Inf	-Inf	90.57	3	Horizontal	170	2.97	-	34.00	6.60	35.34
PK	5.3908G	59.49	74.00	-14.51	53.24	3	Horizontal	170	2.97	-	34.52	7.08	35.35
AV	5.4068G	46.46	54.00	-7.54	40.19	3	Horizontal	170	2.97	-	34.53	7.09	35.35

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

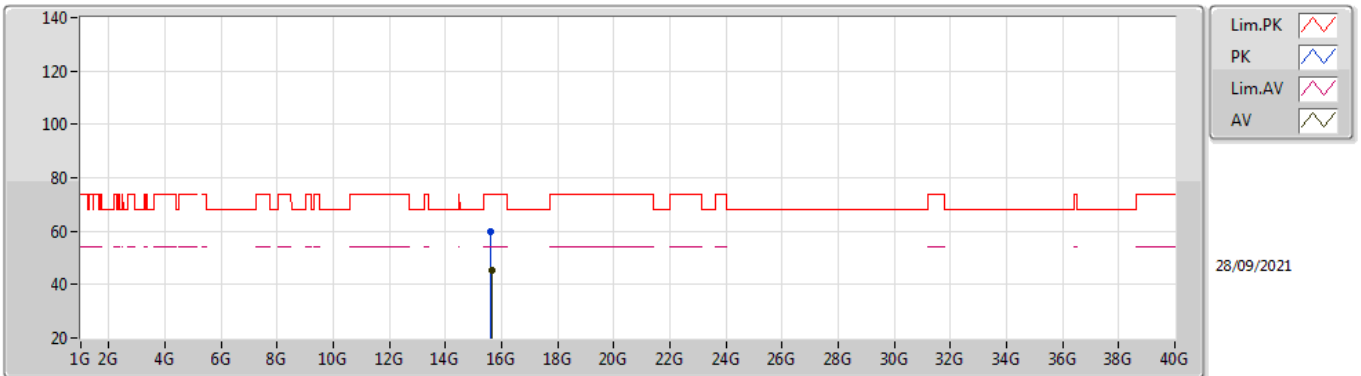


EUT Y_4TX
Setting 19
03-D-K-5

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	15.63118G	58.84	74.00	-15.16	44.04	3	Vertical	257	2.92	-	37.86	12.42	35.48
AV	15.63214G	45.49	54.00	-8.51	30.69	3	Vertical	257	2.92	-	37.86	12.42	35.48

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

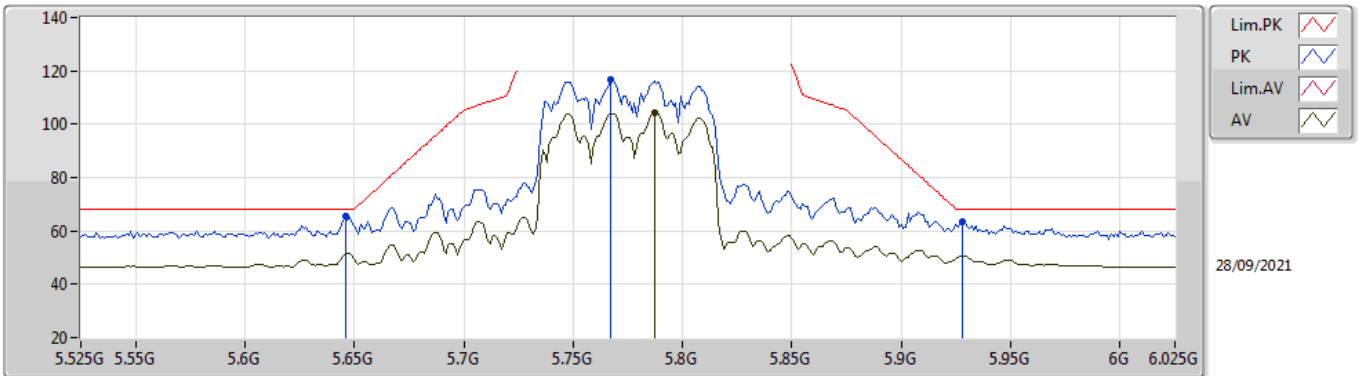


EUT Y_4TX
Setting 19
03-D-K-5

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	15.62682G	59.90	74.00	-14.10	45.12	3	Horizontal	216	2.44	-	37.85	12.41	35.48	
AV	15.63176G	45.45	54.00	-8.55	30.65	3	Horizontal	216	2.44	-	37.86	12.42	35.48	

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

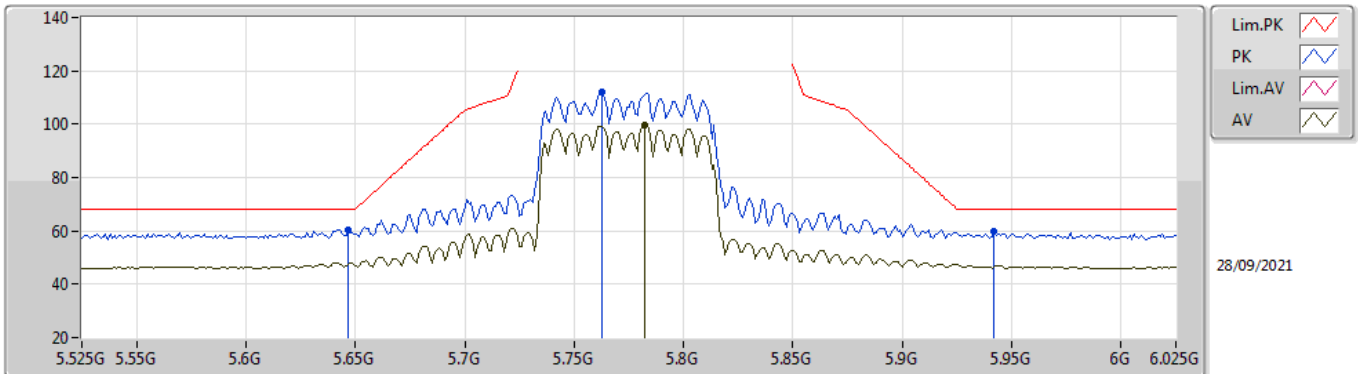


EUT Y_4TX
Setting 21
03-D-K-5-10

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	5.646G	65.37	68.20	-2.83	59.57	3	Vertical	94	1.92	-	34.40	6.82	35.42	
PK	5.767G	116.71	Inf	-Inf	110.91	3	Vertical	94	1.92	-	34.40	6.88	35.48	
AV	5.787G	104.23	Inf	-Inf	98.43	3	Vertical	94	1.92	-	34.40	6.89	35.49	
PK	5.928G	63.49	68.20	-4.71	57.38	3	Vertical	94	1.92	-	34.64	7.03	35.56	

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

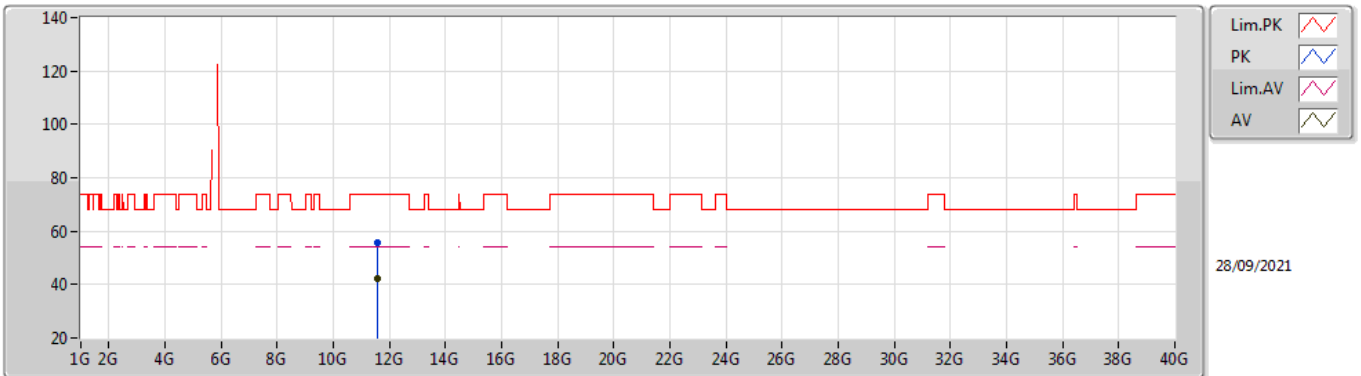


EUT_Y_4TX
Setting 21
03-D-K-5-10

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	5.647G	60.38	68.20	-7.82	54.58	3	Horizontal	178	2.41	-	34.40	6.82	35.42	
PK	5.763G	112.28	Inf	-Inf	106.48	3	Horizontal	178	2.41	-	34.40	6.88	35.48	
AV	5.782G	99.90	Inf	-Inf	94.10	3	Horizontal	178	2.41	-	34.40	6.89	35.49	
PK	5.942G	59.75	68.20	-8.45	53.66	3	Horizontal	178	2.41	-	34.62	7.04	35.57	

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

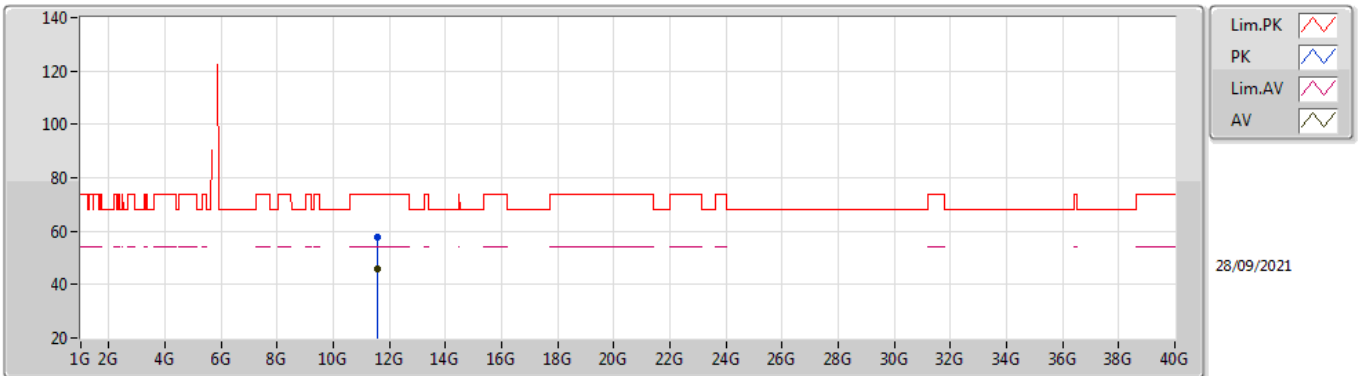


EUT Y_4TX
Setting 21
03-D-K-5

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	11.54985G	55.85	74.00	-18.15	41.68	3	Vertical	339	2.13	-	39.40	10.36	35.59	
AV	11.55201G	42.18	54.00	-11.82	27.99	3	Vertical	339	2.13	-	39.41	10.37	35.59	

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom



EUT Y_4TX
Setting 21
03-D-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	11.54987G	57.94	74.00	-16.06	43.77	3	Horizontal	260	1.80	-	39.40	10.36	35.59
AV	11.54985G	46.09	54.00	-7.91	31.92	3	Horizontal	260	1.80	-	39.40	10.36	35.59

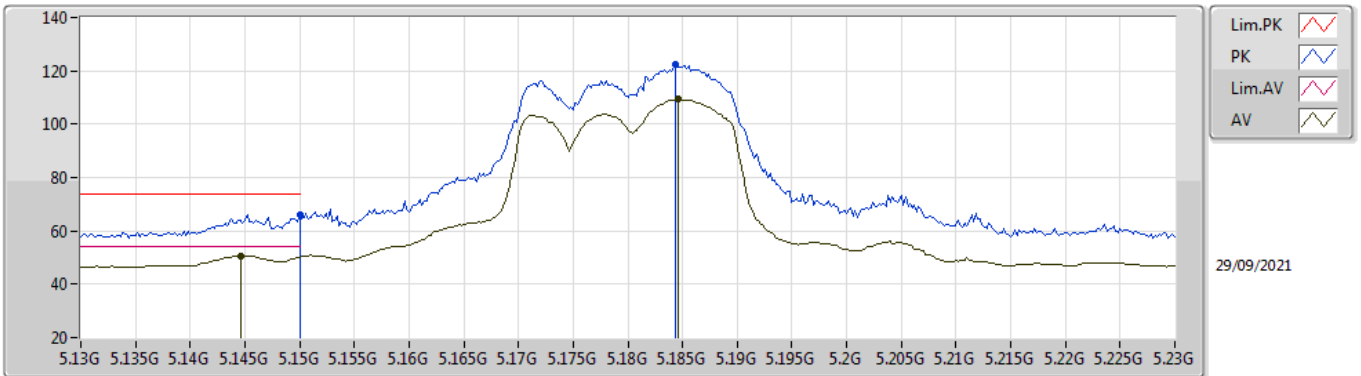


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1448G	53.56	54.00	-0.44	3	Vertical	104	2.28	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

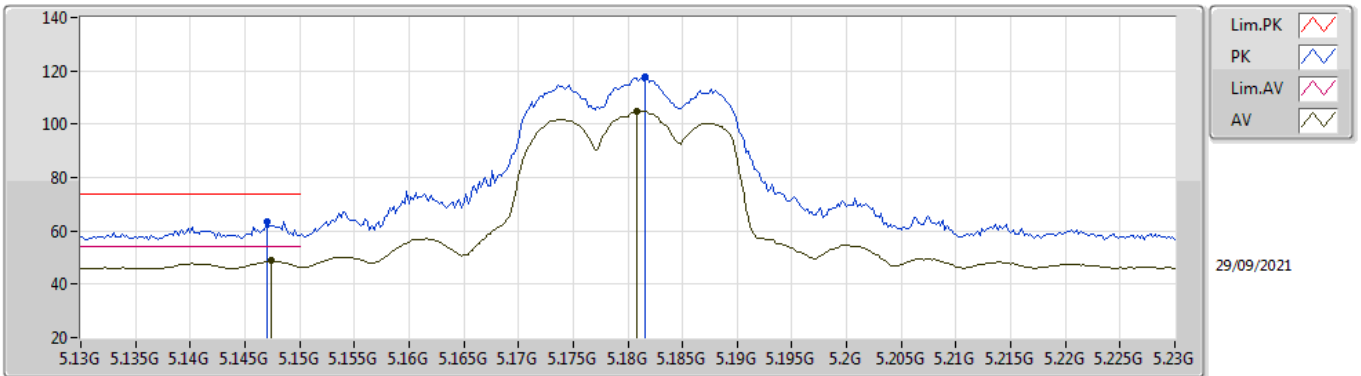


EUT Y_4TX
Setting 27
03-D-K-5-10

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	65.99	74.00	-8.01	60.66	3	Vertical	104	2.27	-	34.10	6.57	35.34	
AV	5.1446G	50.58	54.00	-3.42	45.27	3	Vertical	104	2.27	-	34.08	6.57	35.34	
PK	5.1844G	122.35	Inf	-Inf	117.07	3	Vertical	104	2.27	-	34.03	6.59	35.34	
AV	5.1846G	109.44	Inf	-Inf	104.16	3	Vertical	104	2.27	-	34.03	6.59	35.34	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

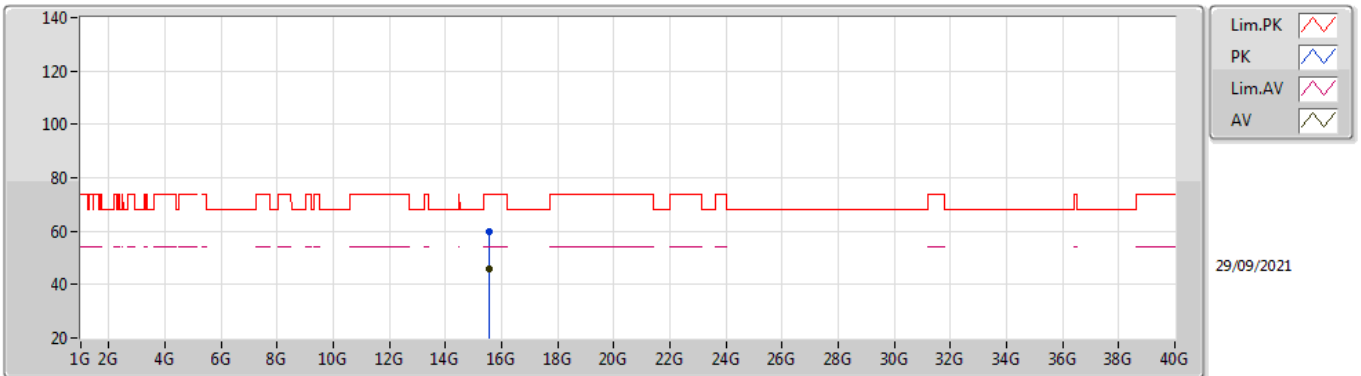


EUT Y_4TX
Setting 27
03-D-K-5-10

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	5147G	63.56	74.00	-10.44	58.24	3	Horizontal	170	2.84	-	34.09	6.57	35.34	
AV	51474G	48.80	54.00	-5.20	43.48	3	Horizontal	170	2.84	-	34.09	6.57	35.34	
PK	51816G	117.77	Inf	-Inf	112.48	3	Horizontal	170	2.84	-	34.04	6.59	35.34	
AV	51808G	105.04	Inf	-Inf	99.75	3	Horizontal	170	2.84	-	34.04	6.59	35.34	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

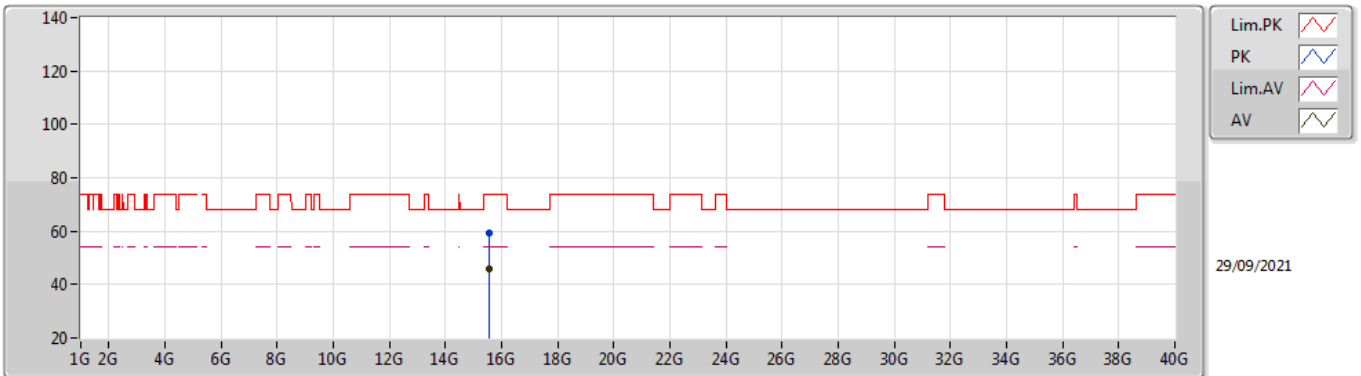


EUT Y_4TX
Setting 27
03-D-K-5

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	15.54418G	59.59	74.00	-14.41	44.33	3	Vertical	127	1.41	-	38.30	12.37	35.41
AV	15.5362G	45.87	54.00	-8.13	30.53	3	Vertical	127	1.41	-	38.37	12.37	35.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

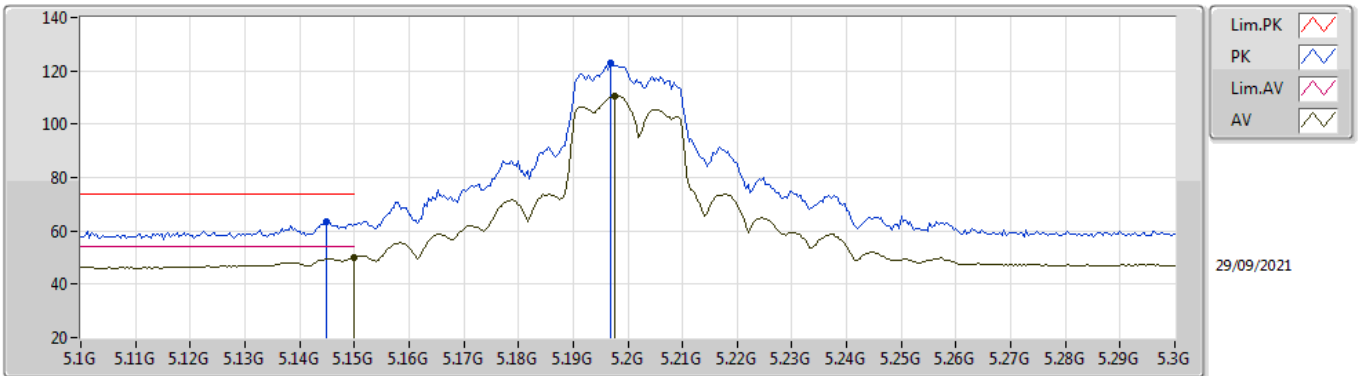


EUT Y_4TX
Setting 27
03-D-K-5

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	15.53948G	59.55	74.00	-14.45	44.24	3	Horizontal	179	3.00	-	38.34	12.37	35.40	
AV	15.53886G	45.90	54.00	-8.10	30.58	3	Horizontal	179	3.00	-	38.35	12.37	35.40	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

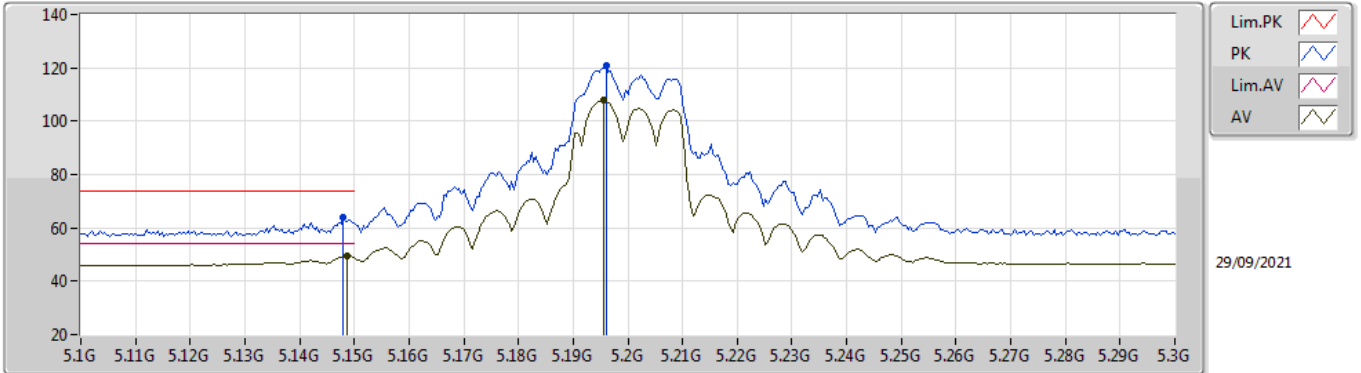


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.1448G	63.43	74.00	-10.57	58.12	3	Vertical	78	1.80	-	34.08	6.57	35.34	
AV	5.15G	49.92	54.00	-4.08	44.59	3	Vertical	78	1.80	-	34.10	6.57	35.34	
PK	5.1968G	122.77	Inf	-Inf	117.50	3	Vertical	78	1.80	-	34.01	6.60	35.34	
AV	5.1976G	110.67	Inf	-Inf	105.41	3	Vertical	78	1.80	-	34.00	6.60	35.34	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

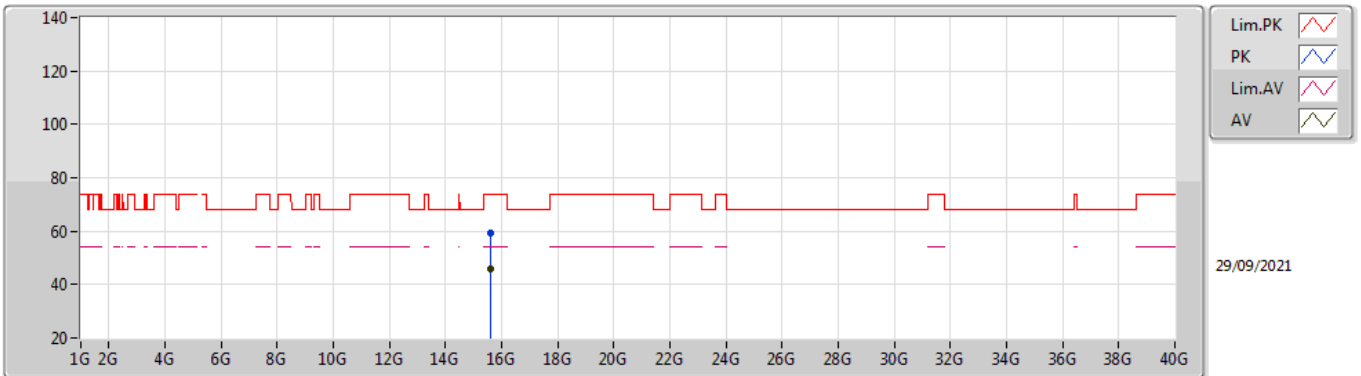


EUT_Y_4TX
Setting 30
03-D-K-5-10

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	5.148G	63.81	74.00	-10.19	58.49	3	Horizontal	181	2.39	-	34.09	6.57	35.34	
AV	5.1488G	49.49	54.00	-4.51	44.16	3	Horizontal	181	2.39	-	34.10	6.57	35.34	
PK	5.196G	121.03	Inf	-Inf	115.76	3	Horizontal	181	2.39	-	34.01	6.60	35.34	
AV	5.1956G	107.68	Inf	-Inf	102.41	3	Horizontal	181	2.39	-	34.01	6.60	35.34	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

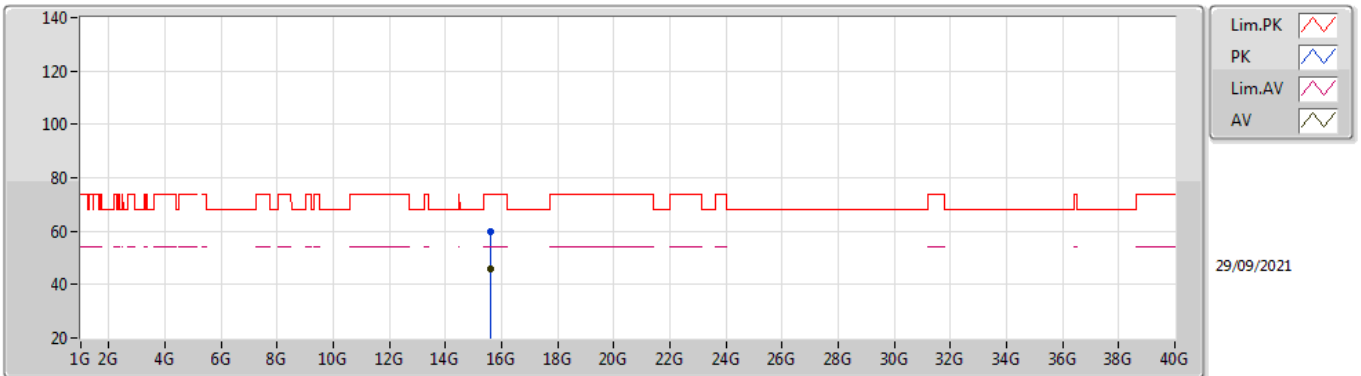


EUT Y_4TX
Setting 30
03-D-K-5

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	15.60188G	59.14	74.00	-14.86	44.40	3	Vertical	311	2.10	-	37.80	12.40	35.46
AV	15.6012G	45.73	54.00	-8.27	30.99	3	Vertical	311	2.10	-	37.80	12.40	35.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

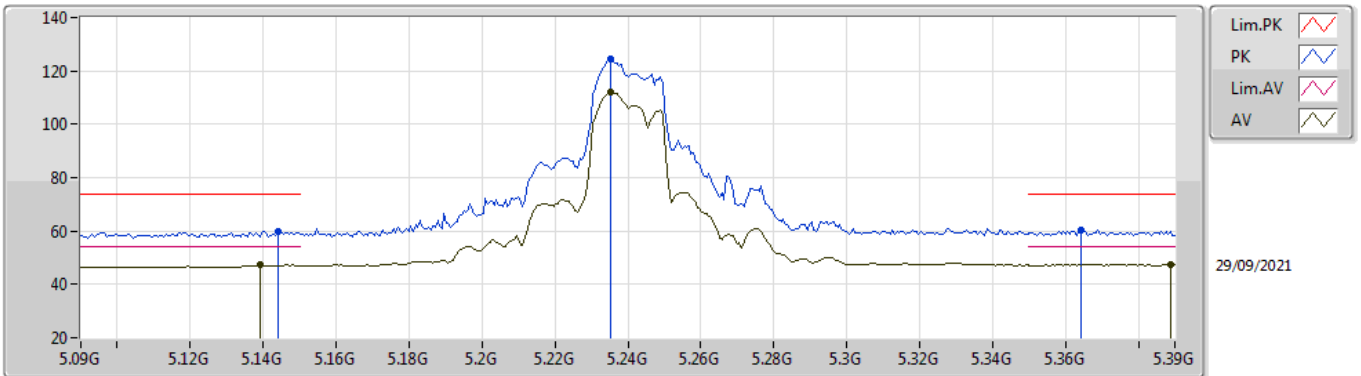


EUT Y_4TX
Setting 30
03-D-K-5

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	15.60044G	59.71	74.00	-14.29	44.96	3	Horizontal	136	1.66	-	37.80	12.40	35.45
AV	15.5965G	45.71	54.00	-8.29	30.93	3	Horizontal	136	1.66	-	37.83	12.40	35.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

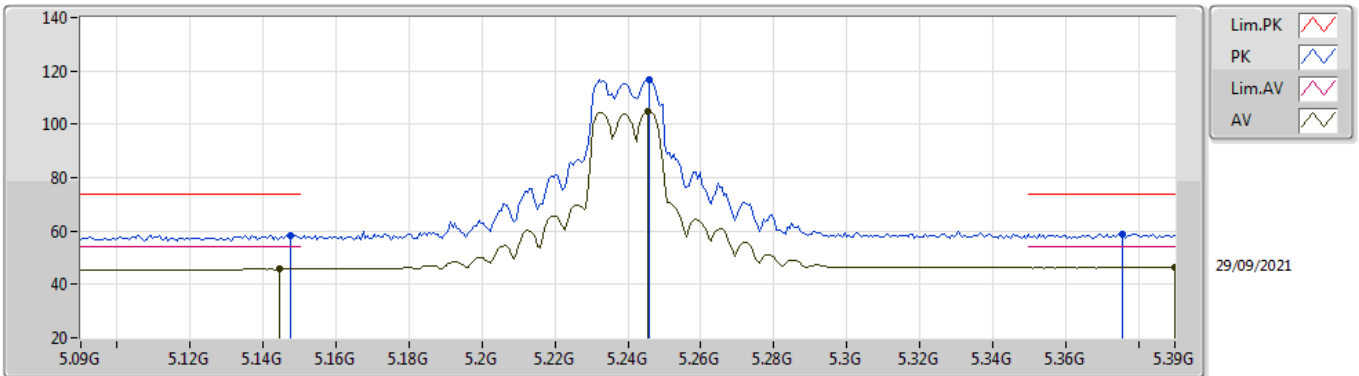


EUT Y_4TX
Setting 30
03-D-K-5-10

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	59.82	74.00	-14.18	54.51	3	Vertical	107	2.29	-	34.08	6.57	35.34
AV	5.1392G	47.24	54.00	-6.76	41.95	3	Vertical	107	2.29	-	34.06	6.57	35.34
PK	5.2352G	124.66	Inf	-Inf	119.17	3	Vertical	107	2.29	-	34.14	6.69	35.34
AV	5.2352G	112.06	Inf	-Inf	106.57	3	Vertical	107	2.29	-	34.14	6.69	35.34
PK	5.3642G	60.42	74.00	-13.58	54.18	3	Vertical	107	2.29	-	34.57	7.01	35.34
AV	5.3888G	47.41	54.00	-6.59	41.17	3	Vertical	107	2.29	-	34.52	7.07	35.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

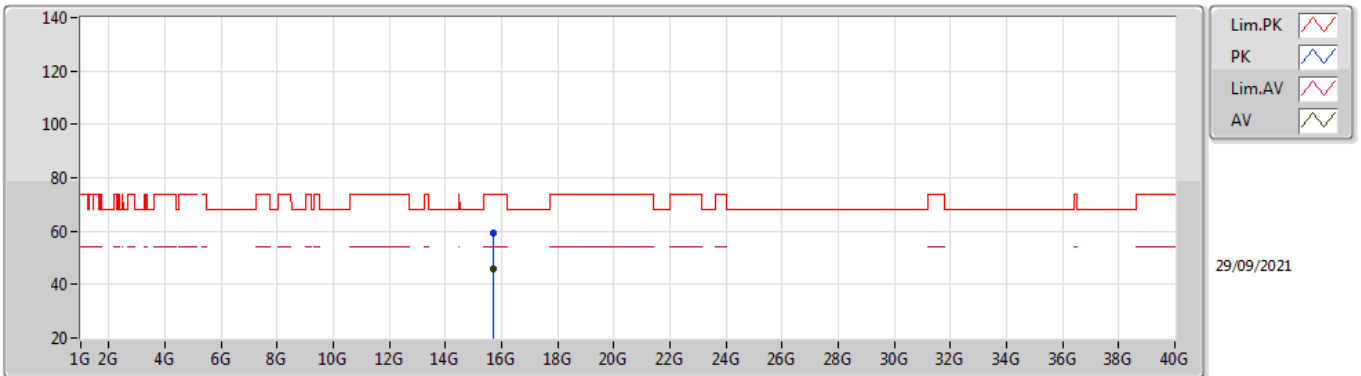


EUT Y_4TX
Setting 30
03-D-K-5-10

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	58.44	74.00	-15.56	53.12	3	Horizontal	171	1.75	-	34.09	6.57	35.34
AV	5.1446G	45.87	54.00	-8.13	40.56	3	Horizontal	171	1.75	-	34.08	6.57	35.34
PK	5.246G	116.89	Inf	-Inf	111.34	3	Horizontal	171	1.75	-	34.18	6.71	35.34
AV	5.2454G	105.02	Inf	-Inf	99.47	3	Horizontal	171	1.75	-	34.18	6.71	35.34
PK	5.3756G	59.05	74.00	-14.95	52.81	3	Horizontal	171	1.75	-	34.55	7.04	35.35
AV	5.39G	46.44	54.00	-7.56	40.20	3	Horizontal	171	1.75	-	34.52	7.07	35.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

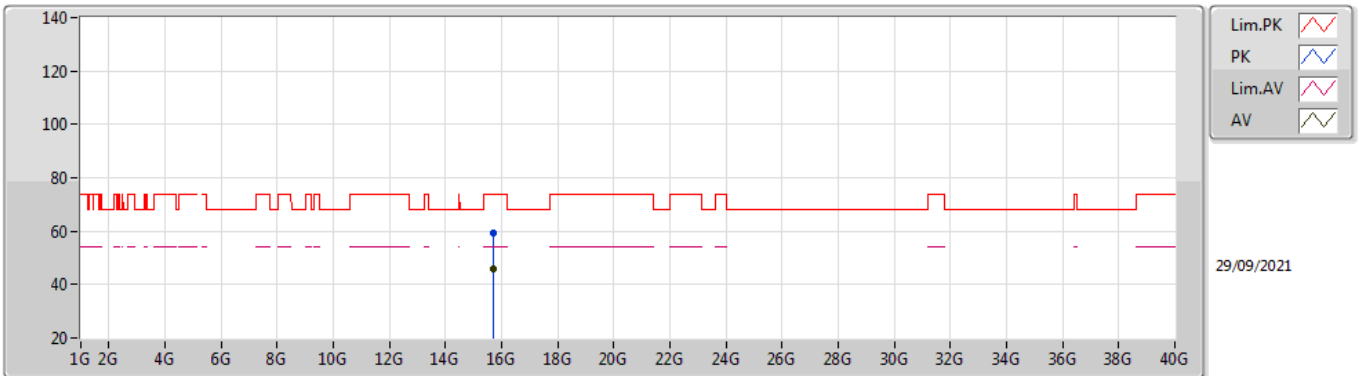


EUT Y_4TX
Setting 30
03-D-K-5

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	15.72282G	59.47	74.00	-14.53	44.59	3	Vertical	92	1.16	-	37.98	12.46	35.56
AV	15.71662G	45.84	54.00	-8.16	30.95	3	Vertical	92	1.16	-	37.98	12.46	35.55

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

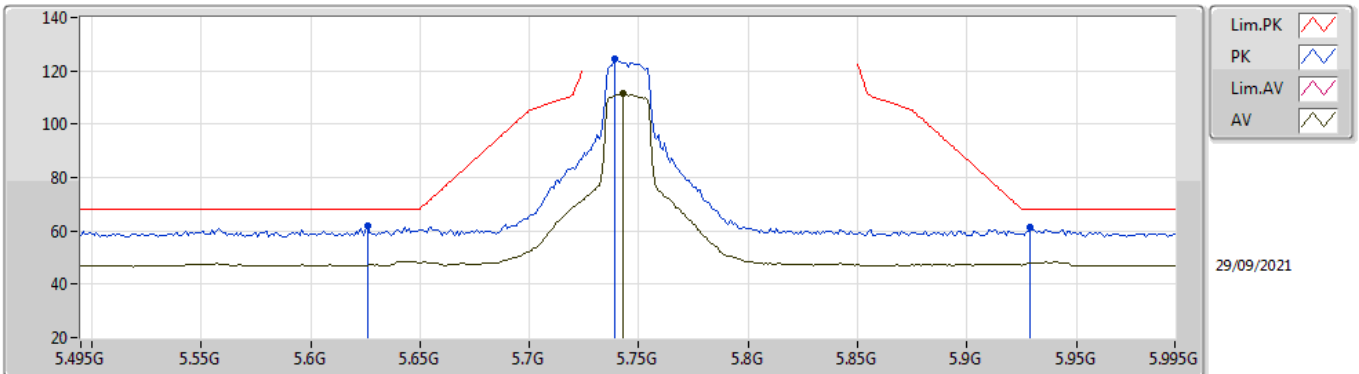


EUT Y_4TX
Setting 30
03-D-K-5

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	15.72438G	59.17	74.00	-14.83	44.29	3	Horizontal	289	2.14	-	37.98	12.46	35.56
AV	15.7163G	45.90	54.00	-8.10	31.01	3	Horizontal	289	2.14	-	37.98	12.46	35.55

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

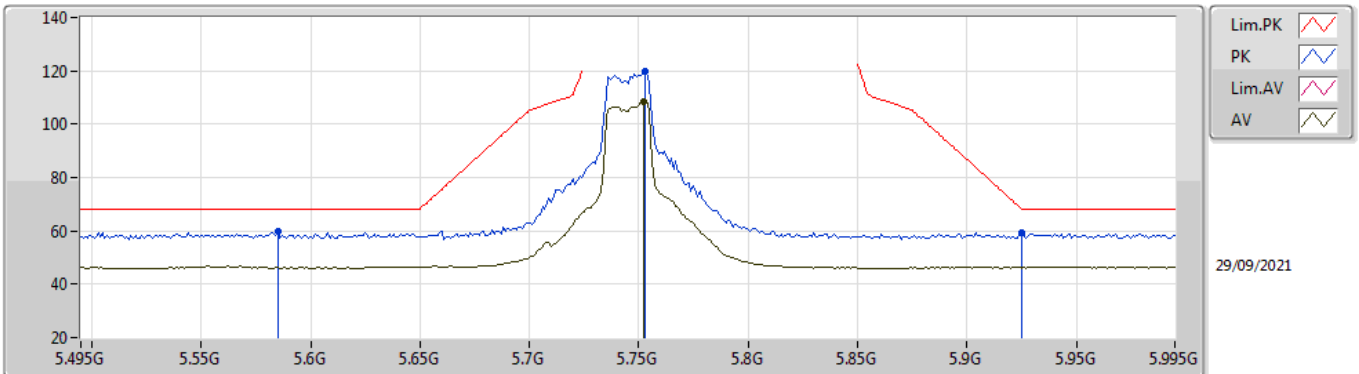


EUT_Y_4TX
Setting 30
03-D-K-5-10

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	61.70	68.20	-6.50	55.90	3	Vertical	94	1.95	-	34.40	6.81	35.41	
PK	5.739G	124.25	Inf	-Inf	118.45	3	Vertical	94	1.95	-	34.40	6.87	35.47	
AV	5.743G	111.34	Inf	-Inf	105.54	3	Vertical	94	1.95	-	34.40	6.87	35.47	
PK	5.929G	61.31	68.20	-6.89	55.20	3	Vertical	94	1.95	-	34.64	7.03	35.56	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

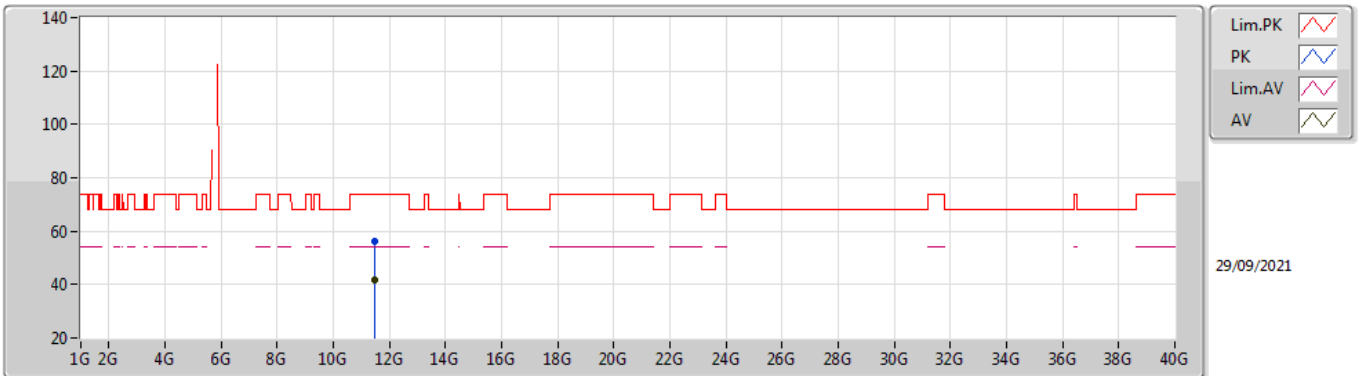


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.585G	59.79	68.20	-8.41	53.90	3	Horizontal	173	1.62	-	34.46	6.82	35.39	
PK	5.753G	119.82	Inf	-Inf	114.02	3	Horizontal	173	1.62	-	34.40	6.88	35.48	
AV	5.752G	108.55	Inf	-Inf	102.75	3	Horizontal	173	1.62	-	34.40	6.88	35.48	
PK	5.925G	59.26	68.20	-8.94	53.14	3	Horizontal	173	1.62	-	34.65	7.03	35.56	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

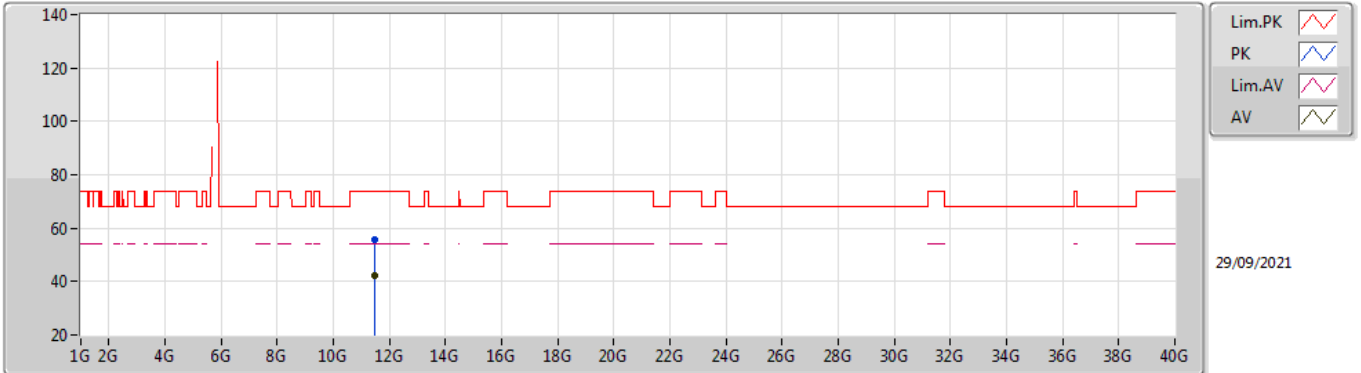


EUT Y_4TX
Setting 30
03-D-K-5

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	11.49304G	56.17	74.00	-17.83	42.22	3	Vertical	52	1.59	-	39.19	10.35	35.59
AV	11.4933G	41.90	54.00	-12.10	27.95	3	Vertical	52	1.59	-	39.19	10.35	35.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

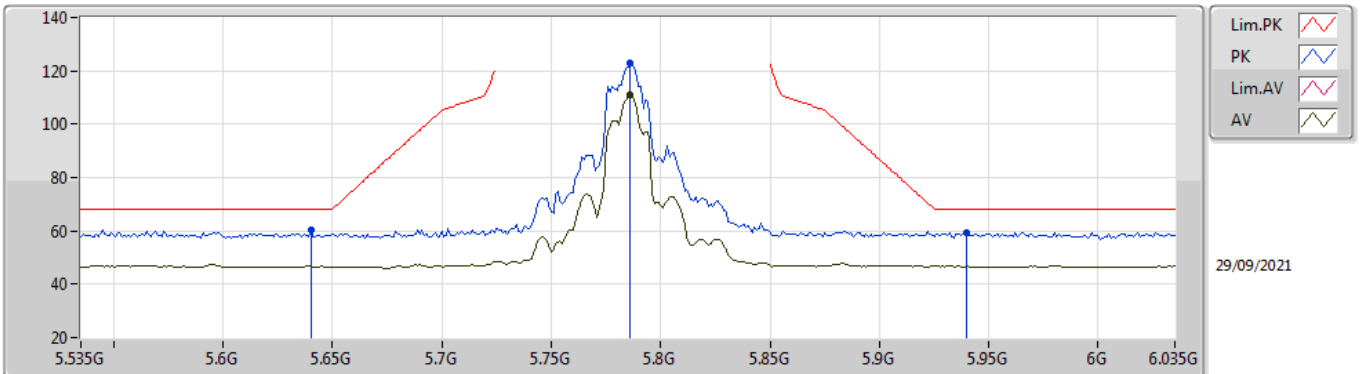


EUT Y_4TX
Setting 30
03-D-K-5

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	11.48864G	55.92	74.00	-18.08	41.98	3	Horizontal	30	1.26	-	39.18	10.35	35.59	
AV	11.4936G	42.06	54.00	-11.94	28.11	3	Horizontal	30	1.26	-	39.19	10.35	35.59	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

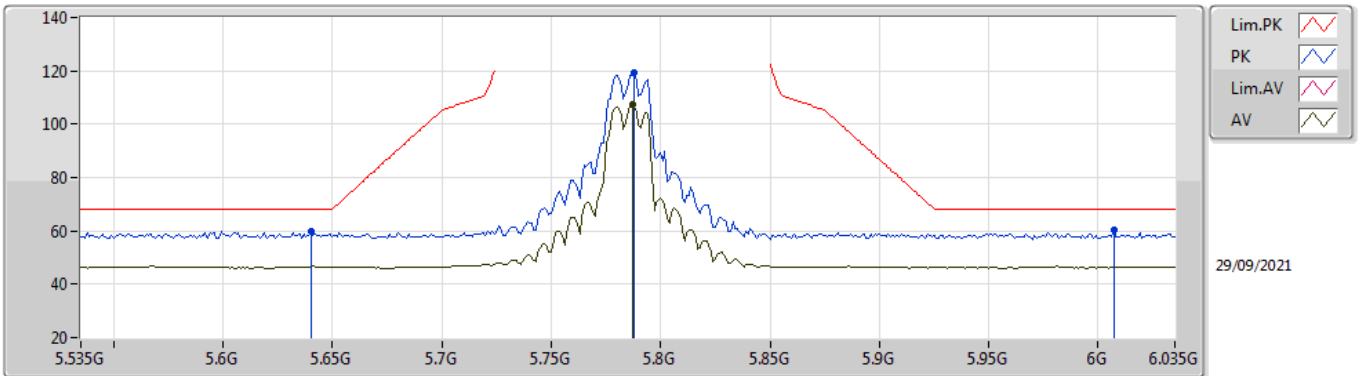


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.64G	60.60	68.20	-7.60	54.80	3	Vertical	270	1.80	-	34.40	6.82	35.42	
PK	5.786G	123.08	Inf	-Inf	117.28	3	Vertical	270	1.80	-	34.40	6.89	35.49	
AV	5.786G	110.87	Inf	-Inf	105.07	3	Vertical	270	1.80	-	34.40	6.89	35.49	
PK	5.94G	59.47	68.20	-8.73	53.38	3	Vertical	270	1.80	-	34.62	7.04	35.57	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

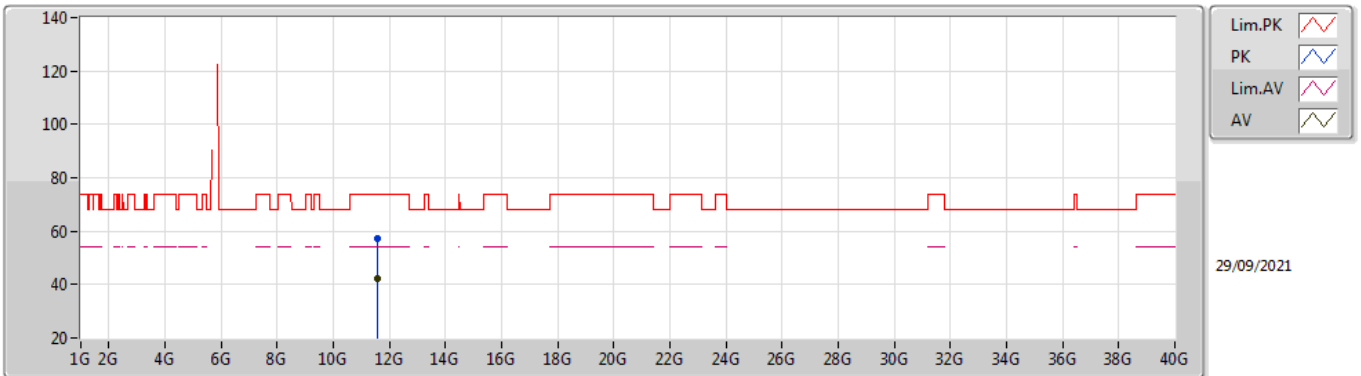


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.64G	59.97	68.20	-8.23	54.17	3	Horizontal	182	1.80	-	34.40	6.82	35.42	
PK	5.788G	119.35	Inf	-Inf	113.55	3	Horizontal	182	1.80	-	34.40	6.89	35.49	
AV	5.787G	107.17	Inf	-Inf	101.37	3	Horizontal	182	1.80	-	34.40	6.89	35.49	
PK	6.007G	60.30	68.20	-7.90	54.08	3	Horizontal	182	1.80	-	34.71	7.11	35.60	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

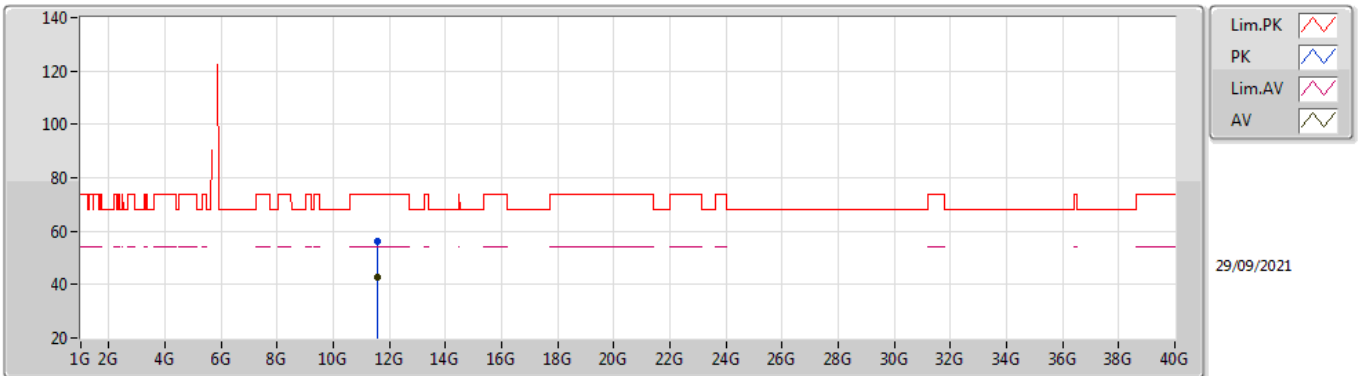


EUT Y_4TX
Setting 30
03-D-K-5

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	11.56778G	57.01	74.00	-16.99	42.76	3	Vertical	193	1.80	-	39.47	10.37	35.59
AV	11.56556G	42.50	54.00	-11.50	28.26	3	Vertical	193	1.80	-	39.46	10.37	35.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

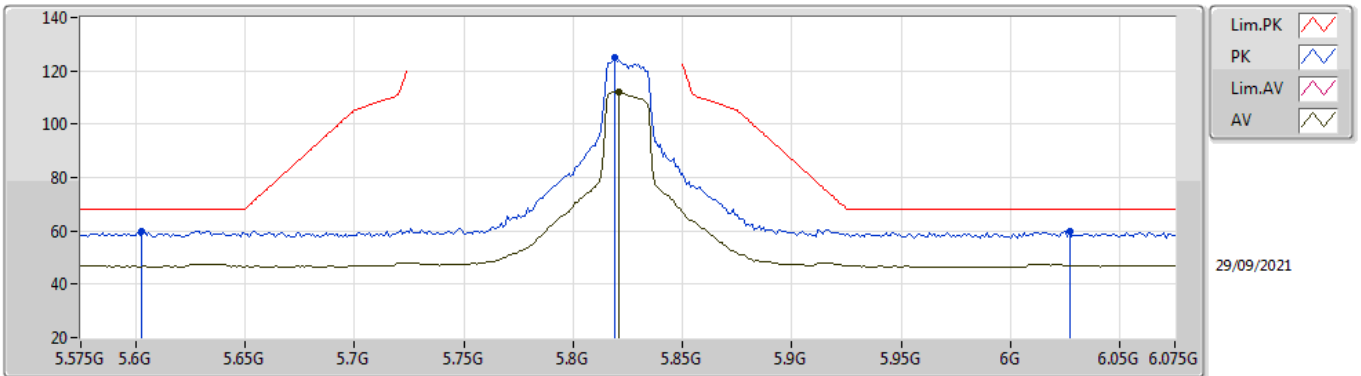


EUT Y_4TX
Setting 30
03-D-K-5

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	11.57186G	56.42	74.00	-17.58	42.14	3	Horizontal	53	1.36	-	39.49	10.37	35.58
AV	11.57194G	42.51	54.00	-11.49	28.23	3	Horizontal	53	1.36	-	39.49	10.37	35.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

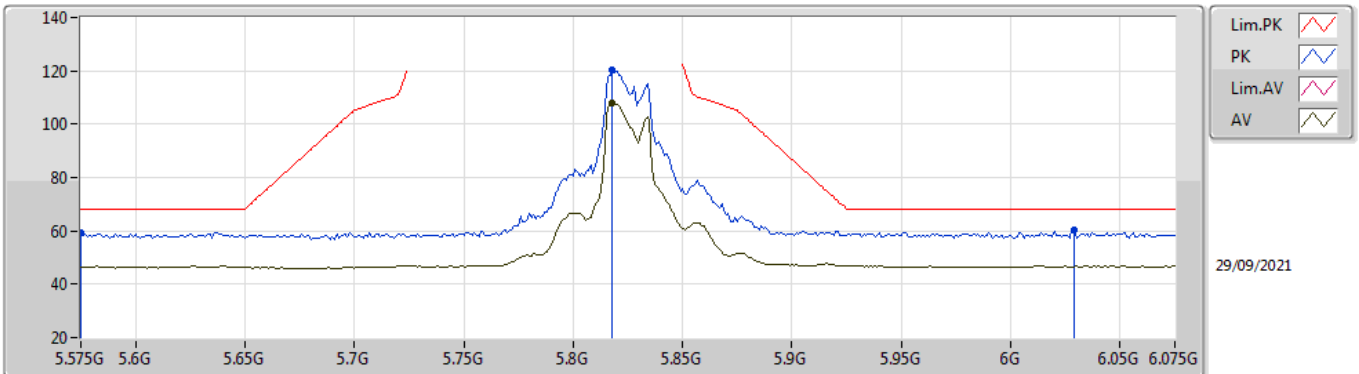


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.603G	60.01	68.20	-8.19	54.21	3	Vertical	151	1.49	-	34.40	6.80	35.40	
PK	5.819G	124.75	Inf	-Inf	118.94	3	Vertical	151	1.49	-	34.40	6.92	35.51	
AV	5.821G	112.05	Inf	-Inf	106.24	3	Vertical	151	1.49	-	34.40	6.92	35.51	
PK	6.027G	59.83	68.20	-8.37	53.54	3	Vertical	151	1.49	-	34.75	7.13	35.59	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

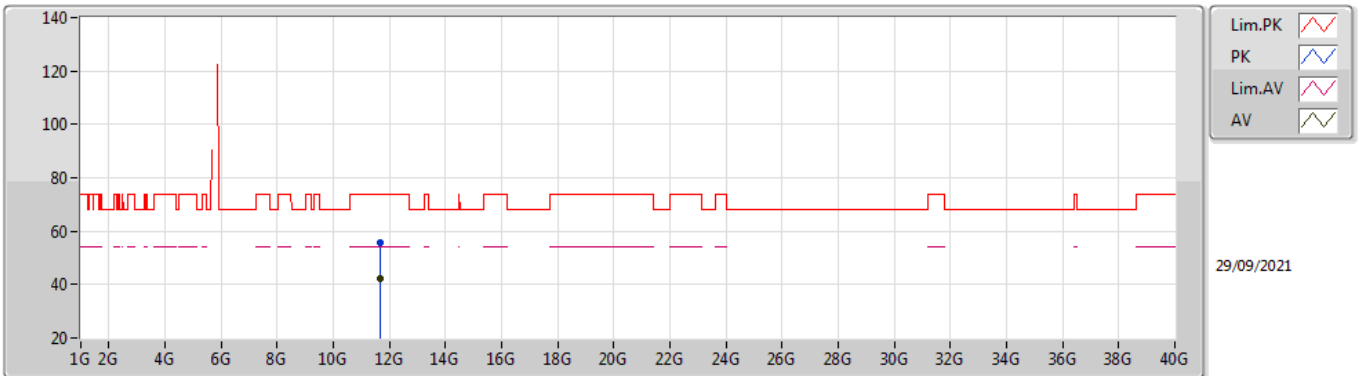


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.575G	59.32	68.20	-8.88	53.37	3	Horizontal	267	1.54	-	34.50	6.84	35.39	
PK	5.818G	120.54	Inf	-Inf	114.73	3	Horizontal	267	1.54	-	34.40	6.92	35.51	
AV	5.818G	107.75	Inf	-Inf	101.94	3	Horizontal	267	1.54	-	34.40	6.92	35.51	
PK	6.029G	60.21	68.20	-7.99	53.91	3	Horizontal	267	1.54	-	34.76	7.13	35.59	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

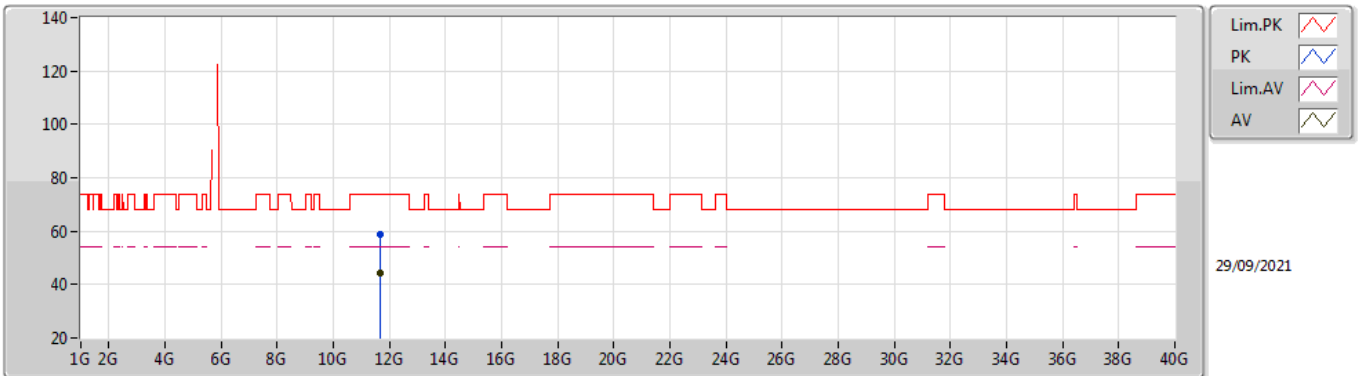


EUT Y_4TX
Setting 30
03-D-K-5

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	11.65196G	55.92	74.00	-18.08	41.49	3	Vertical	326	2.68	-	39.60	10.40	35.57
AV	11.64824G	42.34	54.00	-11.66	27.92	3	Vertical	326	2.68	-	39.60	10.39	35.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

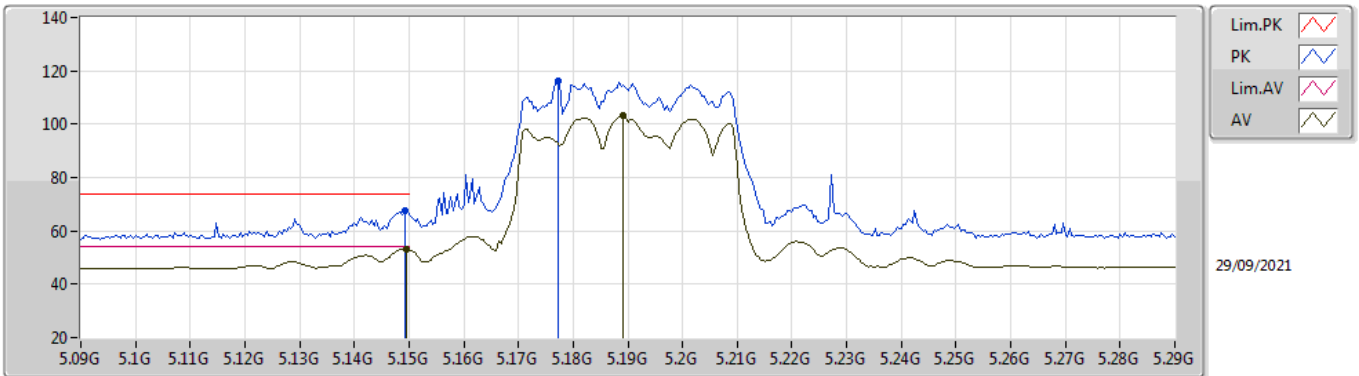


EUT Y_4TX
Setting 30
03-D-K-5

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	11.6501G	58.60	74.00	-15.40	44.17	3	Horizontal	335	1.89	-	39.60	10.40	35.57
AV	11.64993G	44.53	54.00	-9.47	30.11	3	Horizontal	335	1.89	-	39.60	10.39	35.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

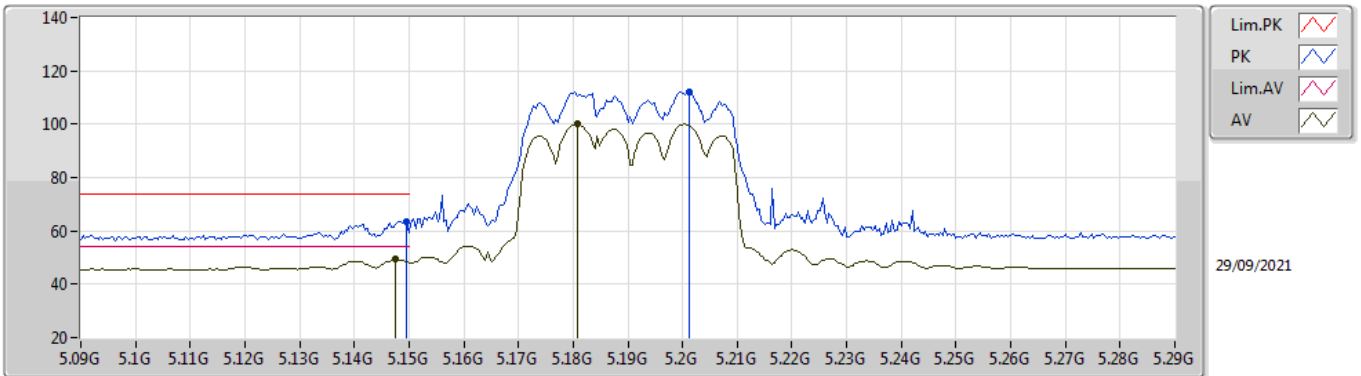


EUT Y_4TX
Setting 26
03-D-K-5-10

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	5.1492G	67.52	74.00	-6.48	62.19	3	Vertical	68	1.69	-	34.10	6.57	35.34	
AV	5.1496G	53.16	54.00	-0.84	47.83	3	Vertical	68	1.69	-	34.10	6.57	35.34	
PK	5.1772G	116.38	Inf	-Inf	111.08	3	Vertical	68	1.69	-	34.05	6.59	35.34	
AV	5.1892G	103.11	Inf	-Inf	97.84	3	Vertical	68	1.69	-	34.02	6.59	35.34	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

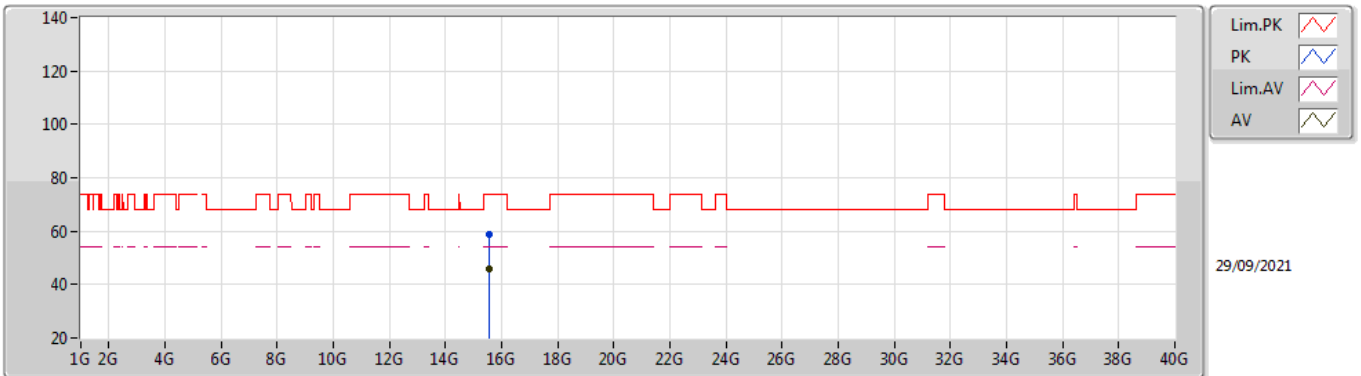


EUT_Y_4TX
Setting 26
03-D-K-5-10

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	5.1496G	63.46	74.00	-10.54	58.13	3	Horizontal	186	3.00	-	34.10	6.57	35.34	
AV	5.1476G	49.24	54.00	-4.76	43.92	3	Horizontal	186	3.00	-	34.09	6.57	35.34	
PK	5.2012G	112.04	Inf	-Inf	106.78	3	Horizontal	186	3.00	-	34.00	6.60	35.34	
AV	5.1808G	99.98	Inf	-Inf	94.69	3	Horizontal	186	3.00	-	34.04	6.59	35.34	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

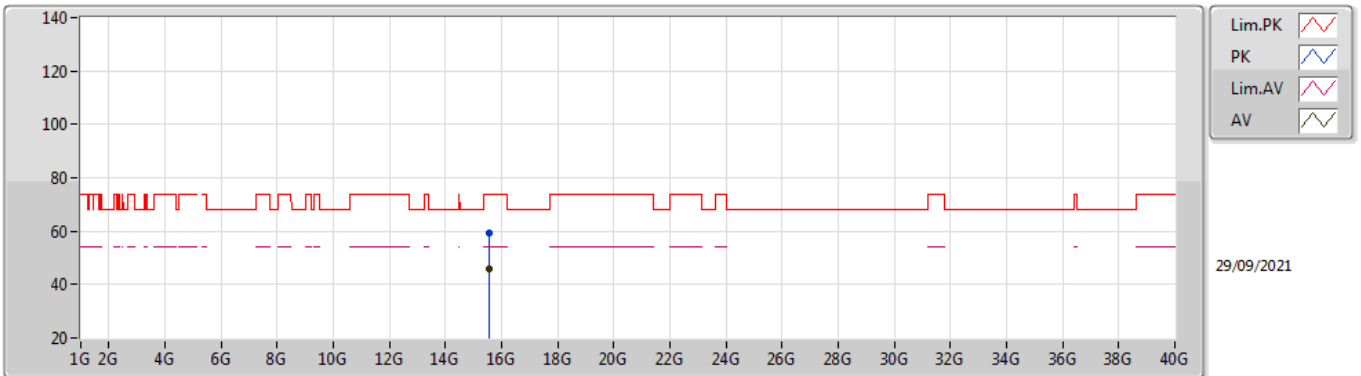


EUT Y_4TX
Setting 26
03-D-K-5

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	15.56822G	58.86	74.00	-15.14	43.82	3	Vertical	258	2.43	-	38.09	12.38	35.43
AV	15.57078G	45.83	54.00	-8.17	30.81	3	Vertical	258	2.43	-	38.06	12.39	35.43

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

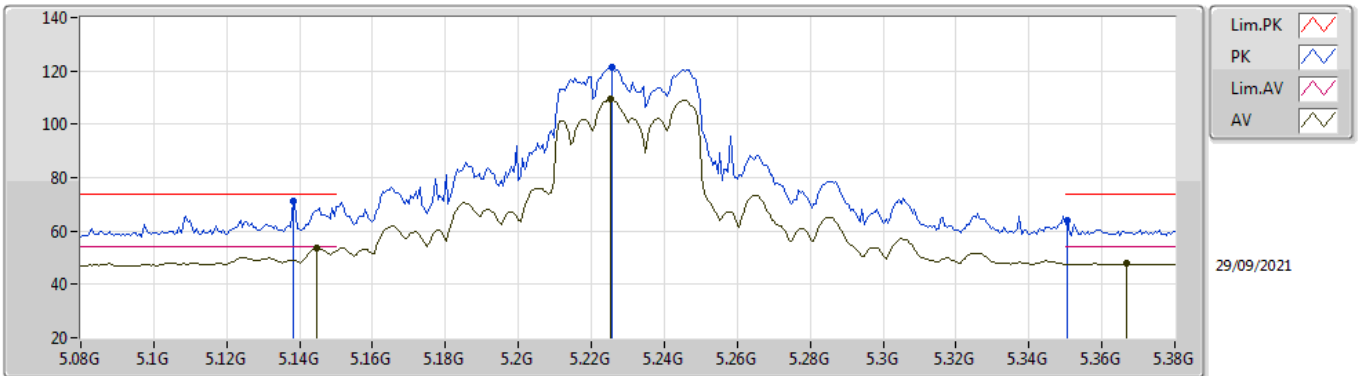


EUT Y_4TX
Setting 26
03-D-K-5

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	15.56902G	59.29	74.00	-14.71	44.26	3	Horizontal	70	1.96	-	38.08	12.38	35.43
AV	15.57298G	45.71	54.00	-8.29	30.71	3	Horizontal	70	1.96	-	38.04	12.39	35.43

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

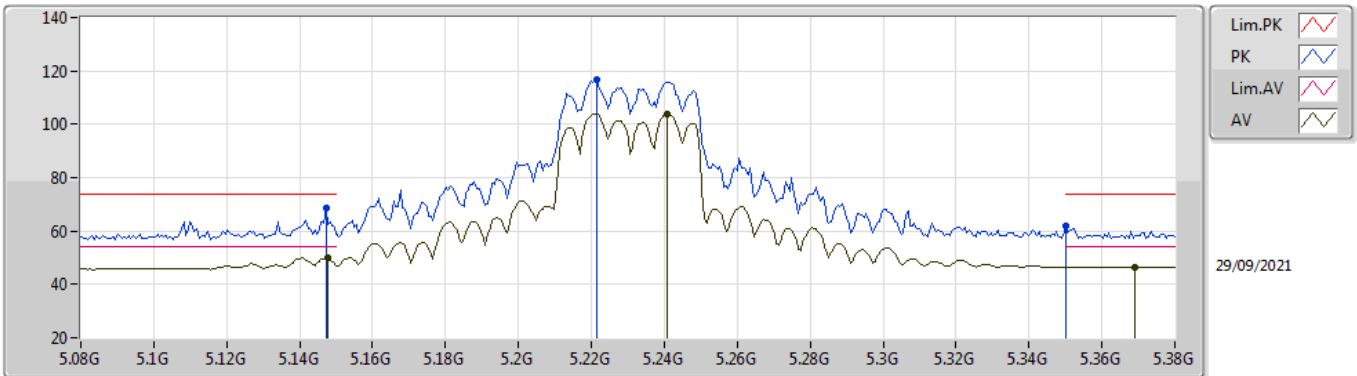


EUT_V_4TX
Setting 30
03-D-K-5-10

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	5.1382G	71.40	74.00	-2.60	66.12	3	Vertical	104	2.28	-	34.05	6.57	35.34
AV	5.1448G	53.56	54.00	-0.44	48.25	3	Vertical	104	2.28	-	34.08	6.57	35.34
PK	5.2258G	121.63	Inf	-Inf	116.21	3	Vertical	104	2.28	-	34.10	6.66	35.34
AV	5.2252G	109.32	Inf	-Inf	103.90	3	Vertical	104	2.28	-	34.10	6.66	35.34
PK	5.3506G	63.71	74.00	-10.29	57.47	3	Vertical	104	2.28	-	34.60	6.98	35.34
AV	5.3668G	47.71	54.00	-6.29	41.46	3	Vertical	104	2.28	-	34.57	7.02	35.34

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

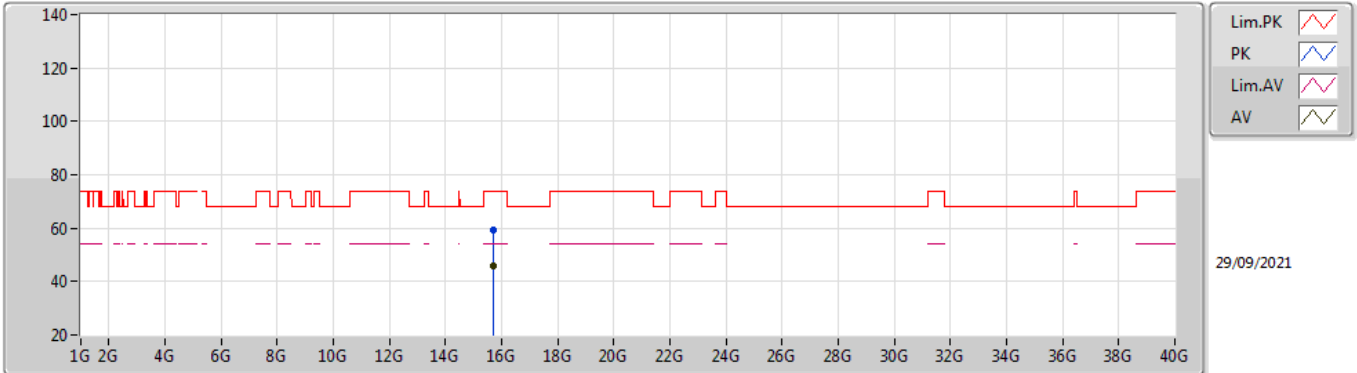


EUT V_4TX
Setting 30
03-D-K-5-10

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	5.1472G	68.74	74.00	-5.26	63.42	3	Horizontal	191.9	2.81	-	34.09	6.57	35.34
AV	5.1478G	49.94	54.00	-4.06	44.62	3	Horizontal	191.9	2.81	-	34.09	6.57	35.34
PK	5.2216G	116.78	Inf	-Inf	111.38	3	Horizontal	191.9	2.81	-	34.09	6.65	35.34
AV	5.2408G	104.02	Inf	-Inf	98.50	3	Horizontal	191.9	2.81	-	34.16	6.70	35.34
PK	5.35G	61.67	74.00	-12.33	55.43	3	Horizontal	191.9	2.81	-	34.60	6.98	35.34
AV	5.3692G	46.58	54.00	-7.42	40.34	3	Horizontal	191.9	2.81	-	34.56	7.02	35.34

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

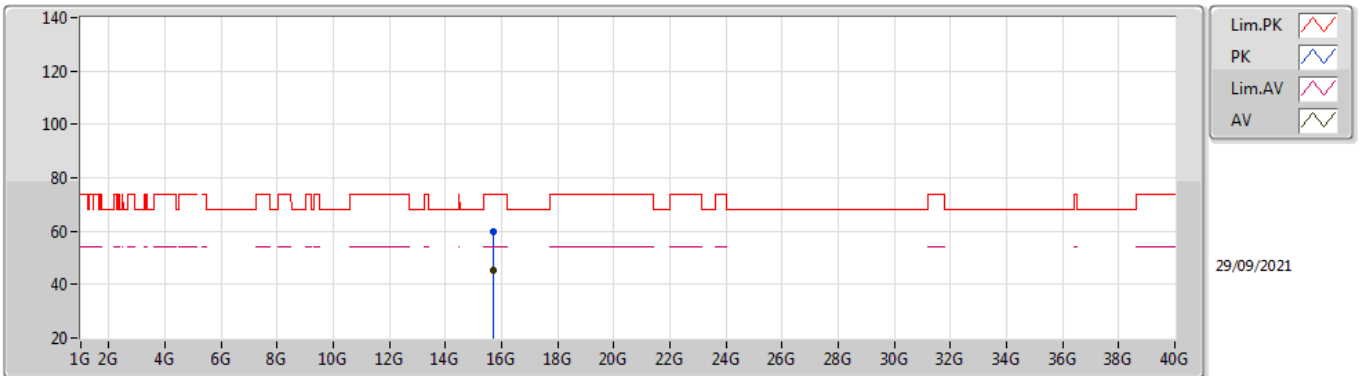


EUT Y_4TX
Setting 30
03-D-K-5

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	15.68872G	59.44	74.00	-14.56	44.55	3	Vertical	217	1.07	-	37.98	12.44	35.53
AV	15.69053G	45.80	54.00	-8.20	30.90	3	Vertical	217	1.07	-	37.98	12.45	35.53

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

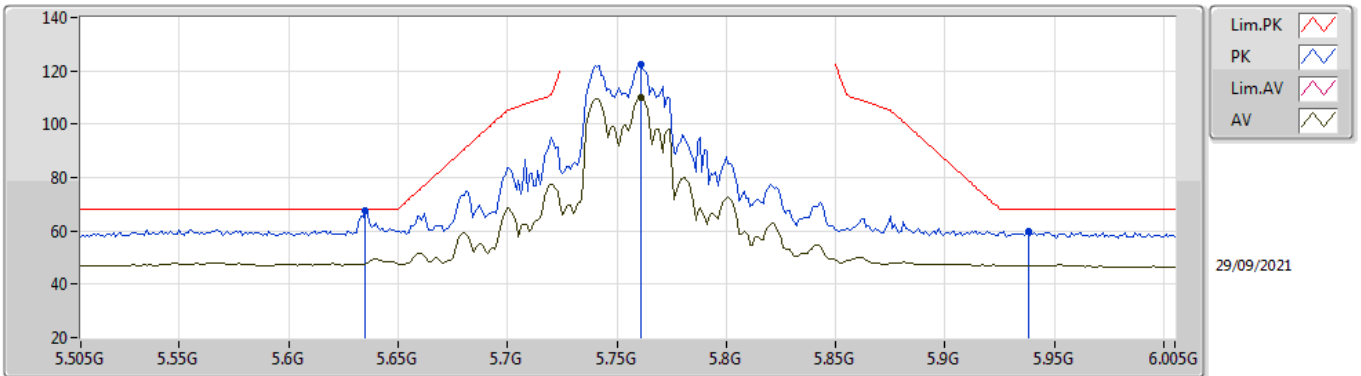


EUT Y_4TX
Setting 30
03-D-K-5

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	15.69245G	59.61	74.00	-14.39	44.71	3	Horizontal	128	1.80	-	37.98	12.45	35.53
AV	15.69236G	45.55	54.00	-8.45	30.65	3	Horizontal	128	1.80	-	37.98	12.45	35.53

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

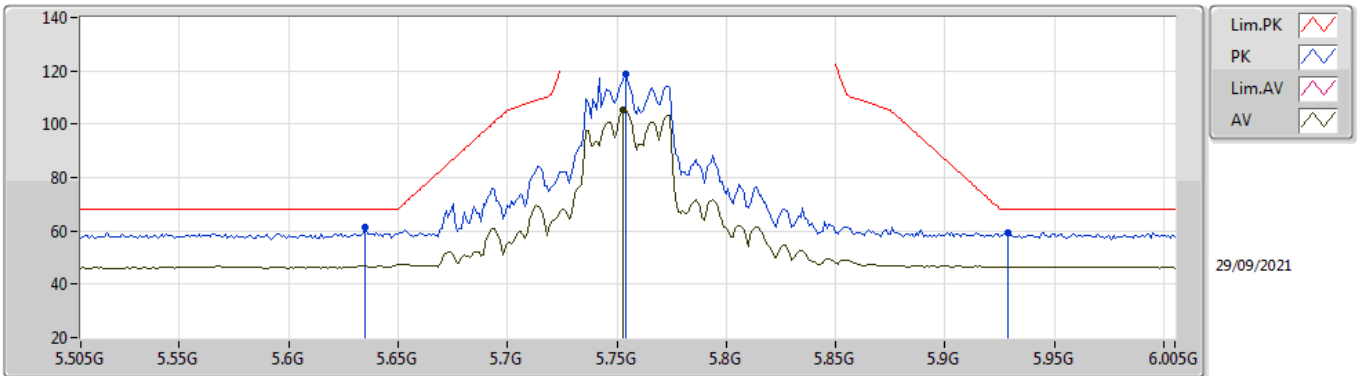


EUT_Y_4TX
Setting 30
03-D-K-5-10

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	5.635G	67.67	68.20	-0.53	61.87	3	Vertical	113	1.80	-	34.40	6.82	35.42	
PK	5.761G	122.42	Inf	-Inf	116.62	3	Vertical	113	1.80	-	34.40	6.88	35.48	
AV	5.761G	110.11	Inf	-Inf	104.31	3	Vertical	113	1.80	-	34.40	6.88	35.48	
PK	5.938G	59.79	68.20	-8.41	53.70	3	Vertical	113	1.80	-	34.62	7.04	35.57	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

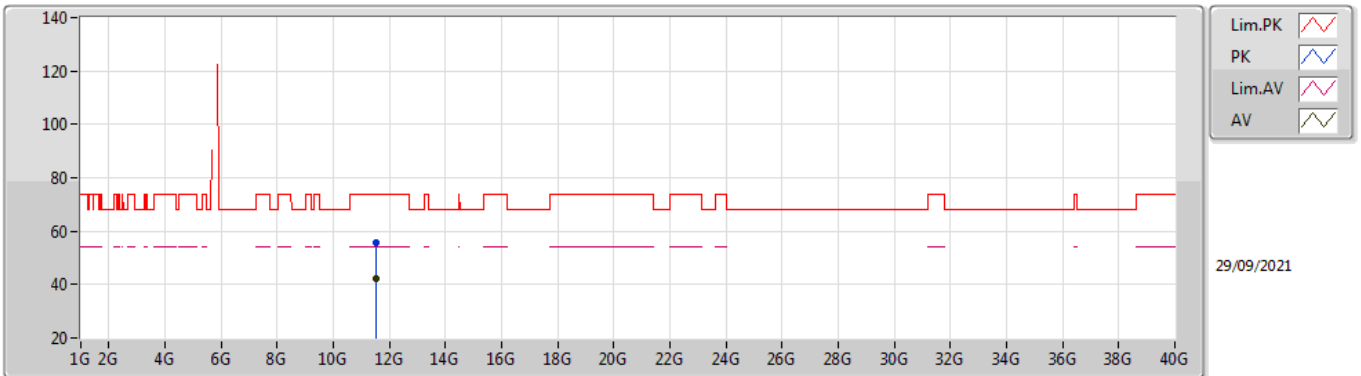


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.635G	61.55	68.20	-6.65	55.75	3	Horizontal	314	2.14	-	34.40	6.82	35.42	
PK	5.754G	118.81	Inf	-Inf	113.01	3	Horizontal	314	2.14	-	34.40	6.88	35.48	
AV	5.753G	105.47	Inf	-Inf	99.67	3	Horizontal	314	2.14	-	34.40	6.88	35.48	
PK	5.929G	59.56	68.20	-8.64	53.45	3	Horizontal	314	2.14	-	34.64	7.03	35.56	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

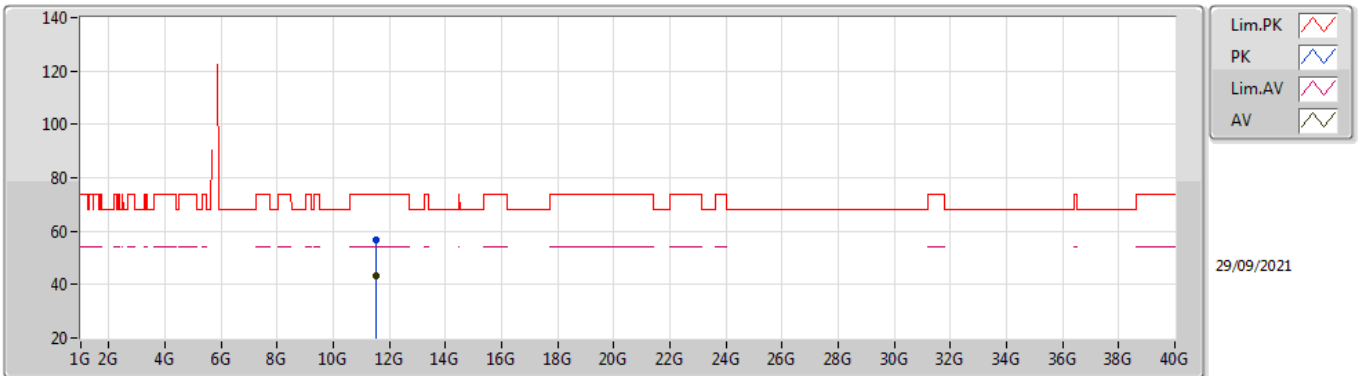


EUT Y_4TX
Setting 30
03-D-K-5

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	11.50922G	55.44	74.00	-18.56	41.45	3	Vertical	77	1.80	-	39.24	10.35	35.60
AV	11.51035G	42.08	54.00	-11.92	28.09	3	Vertical	77	1.80	-	39.24	10.35	35.60

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

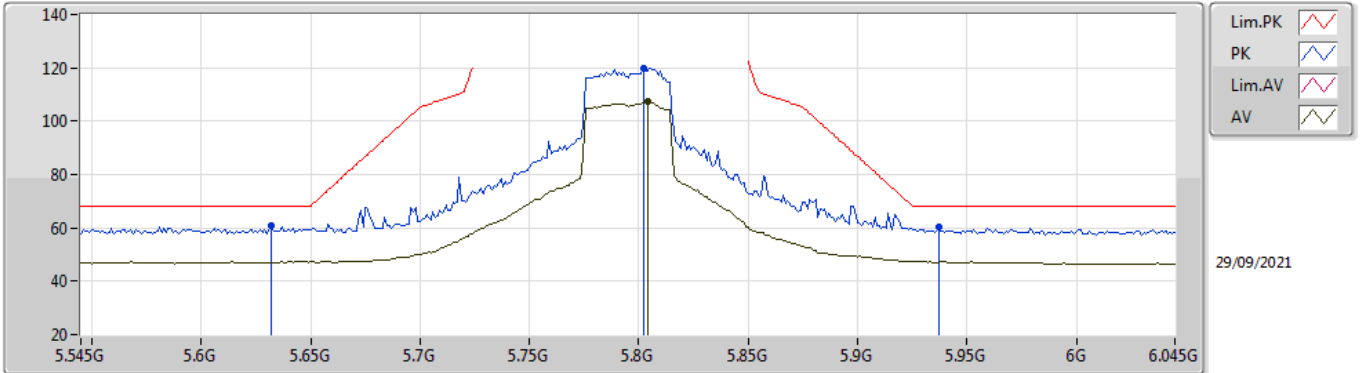


EUT Y_4TX
Setting 30
03-D-K-5

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	11.51015G	56.78	74.00	-17.22	42.79	3	Horizontal	340	2.28	-	39.24	10.35	35.60
AV	11.51004G	43.41	54.00	-10.59	29.42	3	Horizontal	340	2.28	-	39.24	10.35	35.60

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

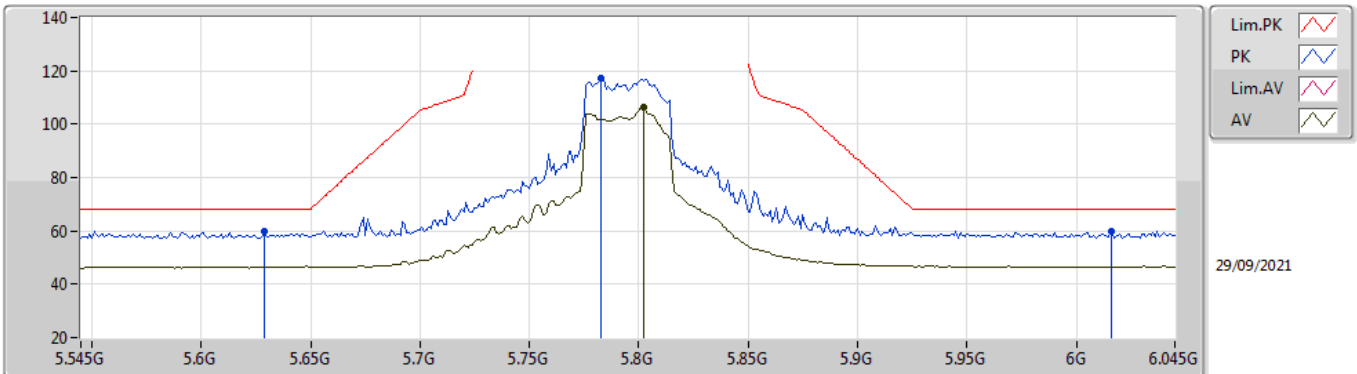


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.632G	60.78	68.20	-7.42	54.98	3	Vertical	67	1.75	-	34.40	6.82	35.42	
PK	5.802G	119.88	Inf	-Inf	114.08	3	Vertical	67	1.75	-	34.40	6.90	35.50	
AV	5.804G	107.21	Inf	-Inf	101.41	3	Vertical	67	1.75	-	34.40	6.90	35.50	
PK	5.937G	60.23	68.20	-7.97	54.13	3	Vertical	67	1.75	-	34.63	7.04	35.57	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

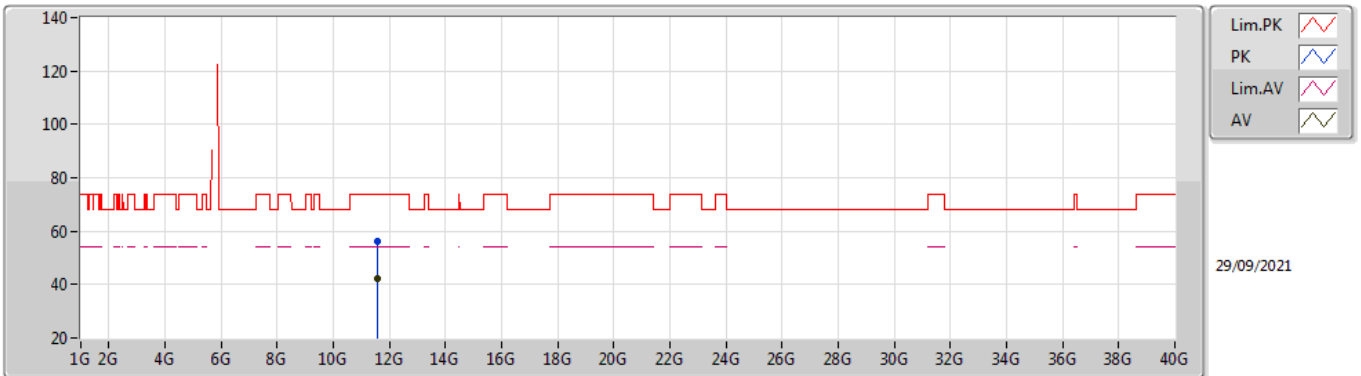


EUT Y_4TX
Setting 30
03-D-K-5-10

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	5.629G	59.74	68.20	-8.46	53.94	3	Horizontal	179	1.40	-	34.40	6.81	35.41
PK	5.783G	116.99	Inf	-Inf	111.19	3	Horizontal	179	1.40	-	34.40	6.89	35.49
AV	5.802G	106.42	Inf	-Inf	100.62	3	Horizontal	179	1.40	-	34.40	6.90	35.50
PK	6.016G	59.80	68.20	-8.40	53.54	3	Horizontal	179	1.40	-	34.73	7.12	35.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

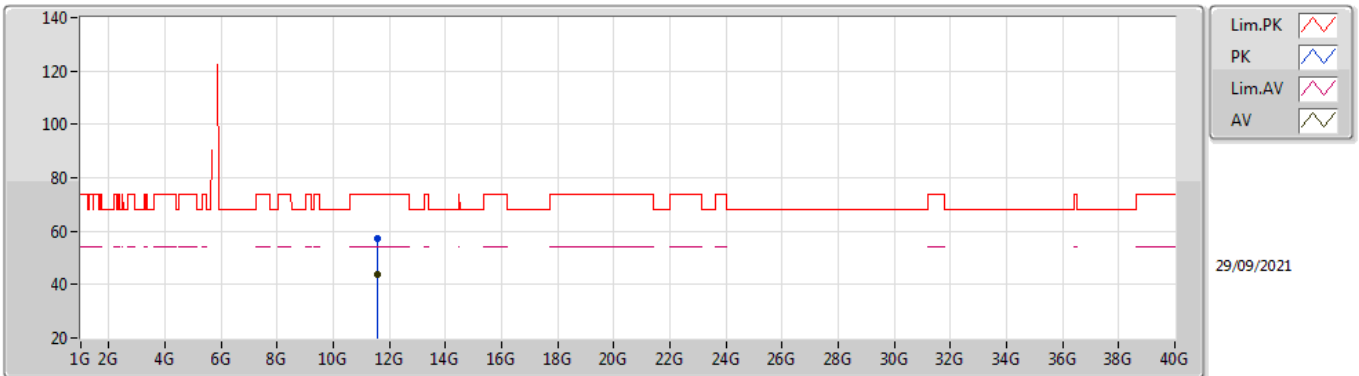


EUT Y_4TX
Setting 30
03-D-K-5

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	11.59005G	56.41	74.00	-17.59	42.05	3	Vertical	13	1.80	-	39.56	10.38	35.58	
AV	11.59042G	42.46	54.00	-11.54	28.10	3	Vertical	13	1.80	-	39.56	10.38	35.58	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

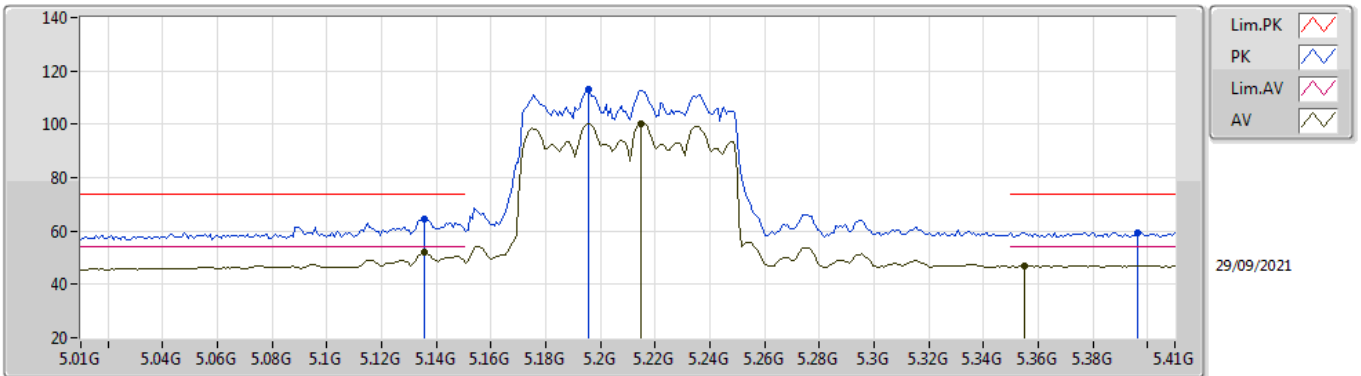


EUT Y_4TX
Setting 30
03-D-K-5

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	11.58981G	57.15	74.00	-16.85	42.79	3	Horizontal	339	2.23	-	39.56	10.38	35.58	
AV	11.58992G	43.72	54.00	-10.28	29.36	3	Horizontal	339	2.23	-	39.56	10.38	35.58	

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

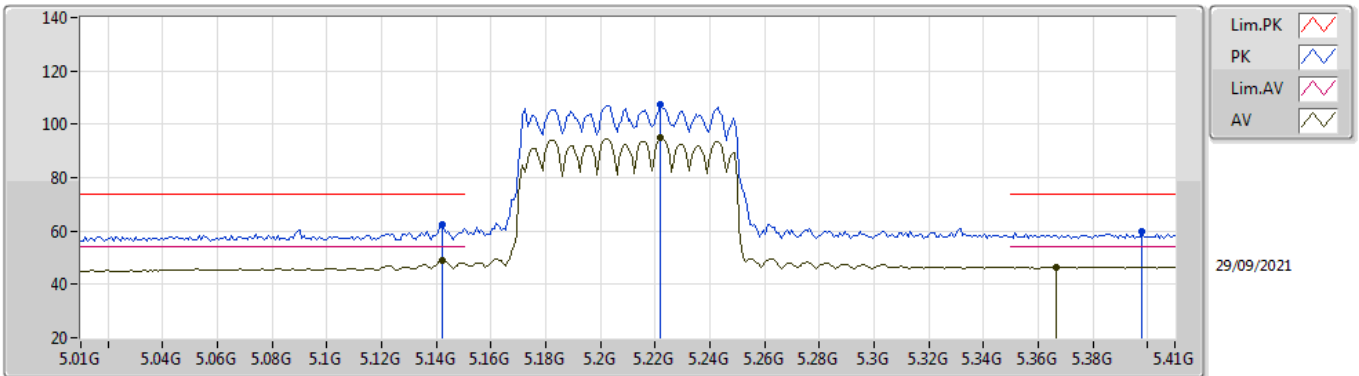


EUT Y_4TX
Setting 24
03-D-K-5-10

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	5.1356G	64.52	74.00	-9.48	59.25	3	Vertical	275.8	1.35	-	34.04	6.57	35.34
AV	5.1356G	51.84	54.00	-2.16	46.57	3	Vertical	275.8	1.35	-	34.04	6.57	35.34
PK	5.1956G	112.86	Inf	-Inf	107.59	3	Vertical	275.8	1.35	-	34.01	6.60	35.34
AV	5.2148G	100.39	Inf	-Inf	95.03	3	Vertical	275.8	1.35	-	34.06	6.64	35.34
PK	5.3964G	59.52	74.00	-14.48	53.27	3	Vertical	275.8	1.35	-	34.51	7.09	35.35
AV	5.3548G	46.93	54.00	-7.07	40.69	3	Vertical	275.8	1.35	-	34.59	6.99	35.34

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

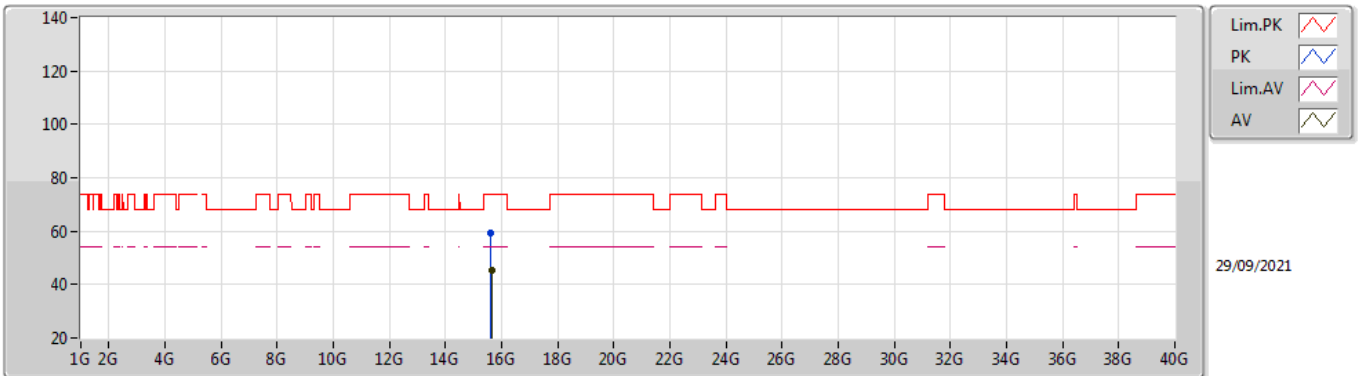


EUT_V_4TX
Setting 24
03-D-K-5-10

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	5.142G	62.18	74.00	-11.82	56.88	3	Horizontal	189	1.80	-	34.07	6.57	35.34
AV	5.142G	49.00	54.00	-5.00	43.70	3	Horizontal	189	1.80	-	34.07	6.57	35.34
PK	5.222G	107.42	Inf	-Inf	102.02	3	Horizontal	189	1.80	-	34.09	6.65	35.34
AV	5.222G	94.88	Inf	-Inf	89.48	3	Horizontal	189	1.80	-	34.09	6.65	35.34
PK	5.398G	59.93	74.00	-14.07	53.69	3	Horizontal	189	1.80	-	34.50	7.09	35.35
AV	5.3668G	46.40	54.00	-7.60	40.15	3	Horizontal	189	1.80	-	34.57	7.02	35.34

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

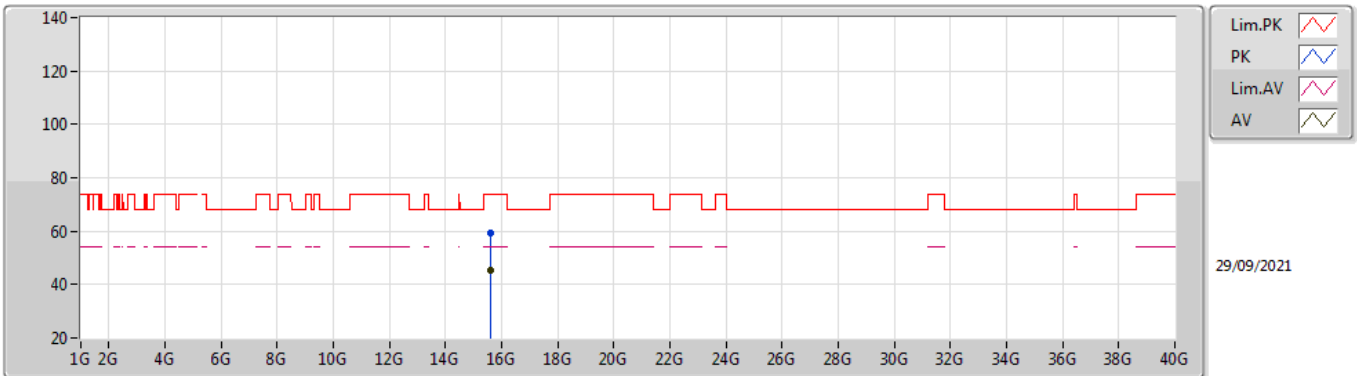


EUT Y_4TX
Setting 24
03-D-K-5

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	15.62806G	59.09	74.00	-14.91	44.30	3	Vertical	272	1.68	-	37.86	12.41	35.48
AV	15.63192G	45.56	54.00	-8.44	30.76	3	Vertical	272	1.68	-	37.86	12.42	35.48

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

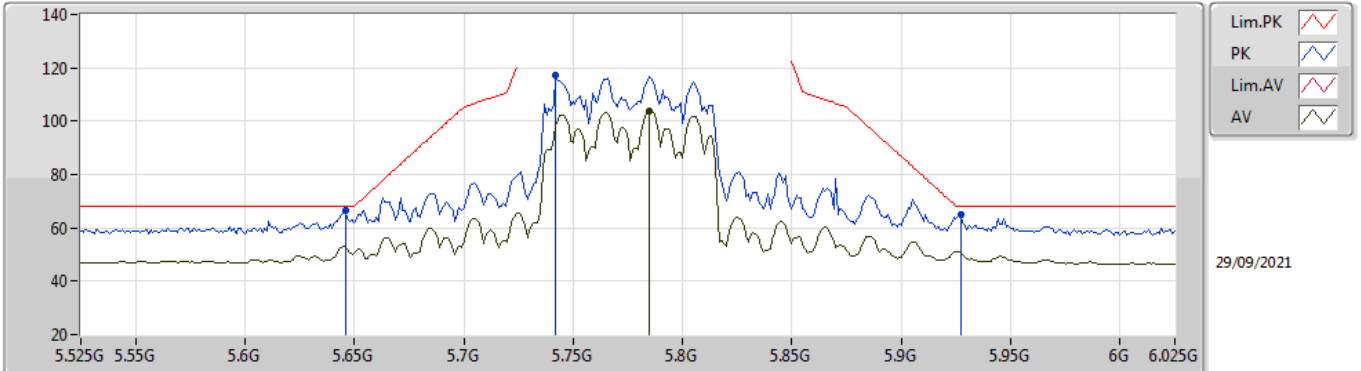


EUT Y_4TX
Setting 24
03-D-K-5

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	15.6279G	59.11	74.00	-14.89	44.32	3	Horizontal	178	1.39	-	37.86	12.41	35.48
AV	15.6295G	45.50	54.00	-8.50	30.71	3	Horizontal	178	1.39	-	37.86	12.41	35.48

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

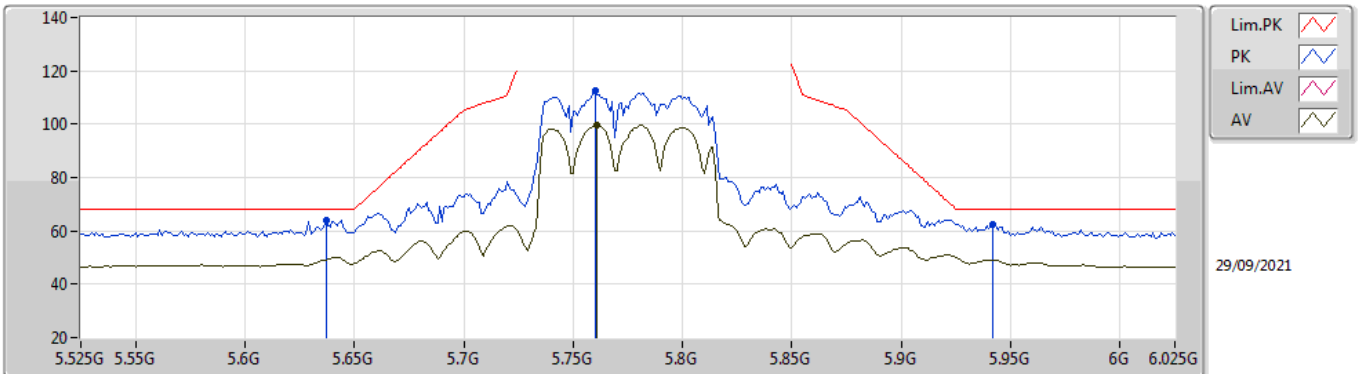


EUT_Y_4TX
Setting 28
03-D-K-5-10

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	5.646G	66.49	68.20	-1.71	60.69	3	Vertical	318.6	1.92	-	34.40	6.82	35.42	
PK	5.742G	117.11	Inf	-Inf	111.31	3	Vertical	318.6	1.92	-	34.40	6.87	35.47	
AV	5.785G	103.86	Inf	-Inf	98.06	3	Vertical	318.6	1.92	-	34.40	6.89	35.49	
PK	5.927G	65.00	68.20	-3.20	58.88	3	Vertical	318.6	1.92	-	34.65	7.03	35.56	

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

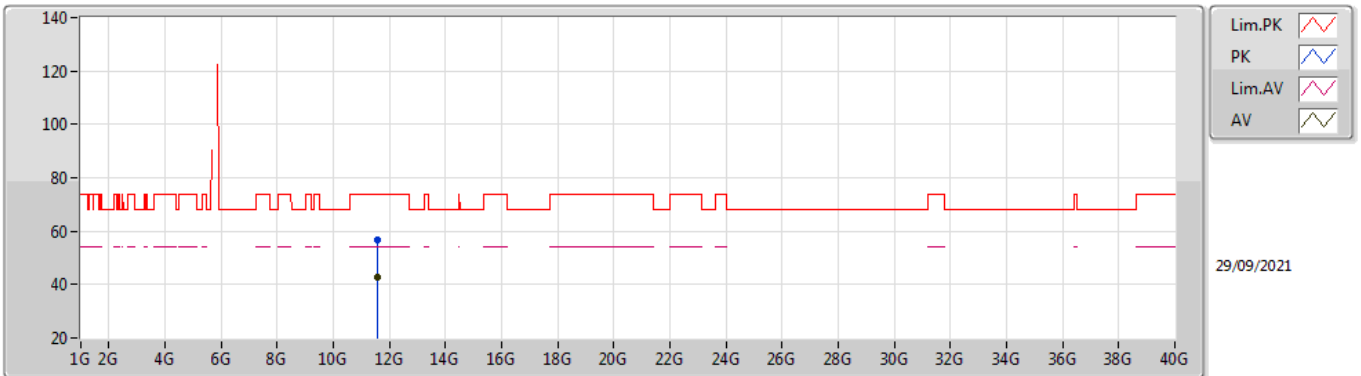


EUT Y_4TX
Setting 28
03-D-K-5-10

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	5.637G	64.16	68.20	-4.04	58.36	3	Horizontal	273	1.63	-	34.40	6.82	35.42	
PK	5.76G	112.65	Inf	-Inf	106.85	3	Horizontal	273	1.63	-	34.40	6.88	35.48	
AV	5.761G	99.71	Inf	-Inf	93.91	3	Horizontal	273	1.63	-	34.40	6.88	35.48	
PK	5.942G	62.54	68.20	-5.66	56.45	3	Horizontal	273	1.63	-	34.62	7.04	35.57	

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

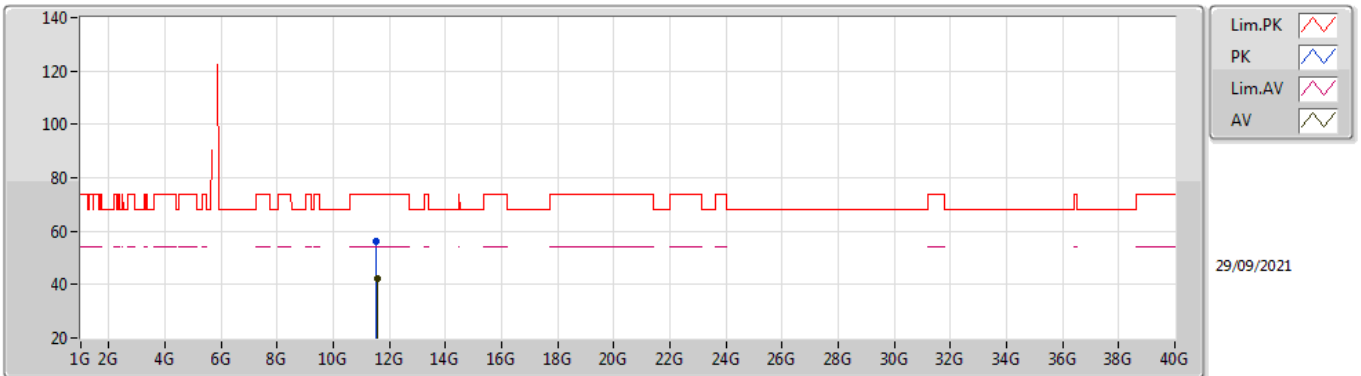


EUT Y_4TX
Setting 28
03-D-K-5

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	11.55278G	56.58	74.00	-17.42	42.39	3	Vertical	78	2.86	-	39.41	10.37	35.59
AV	11.5521G	42.54	54.00	-11.46	28.35	3	Vertical	78	2.86	-	39.41	10.37	35.59

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom



EUT Y_4TX
Setting 28
03-D-K-5

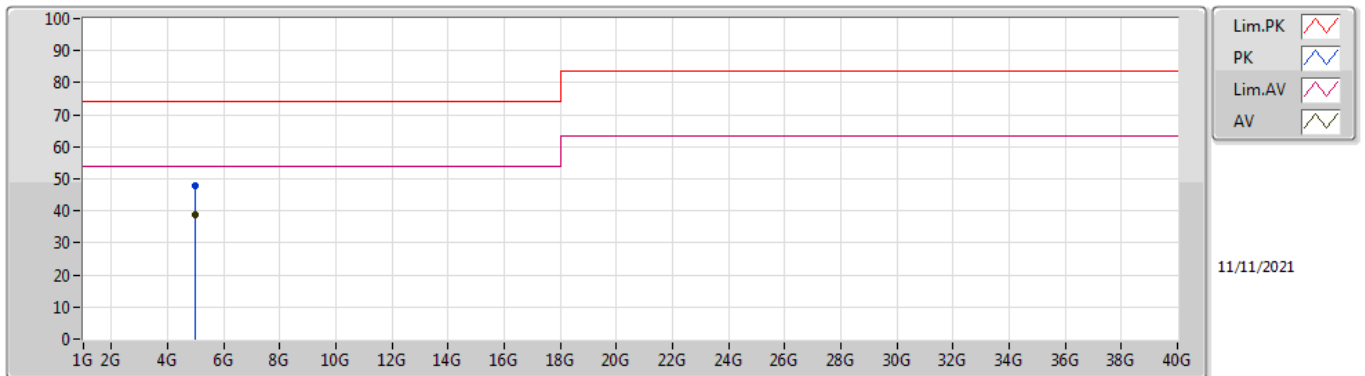
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54824G	56.45	74.00	-17.55	42.29	3	Horizontal	228	1.56	-	39.39	10.36	35.59
AV	11.55198G	42.45	54.00	-11.55	28.26	3	Horizontal	228	1.56	-	39.41	10.37	35.59



Summary

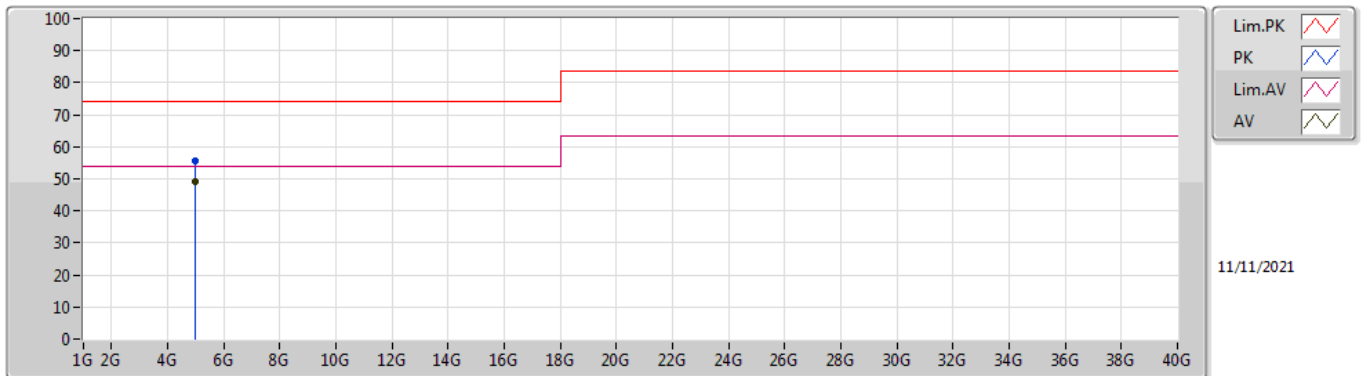
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.98864G	49.05	54.00	-4.95	Horizontal

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	4.98887G	48.03	74.00	-25.97	2.60	3	Vertical	228	1.00	-	45.43	31.83	6.59	35.82
AV	4.98862G	38.93	54.00	-15.07	2.60	3	Vertical	228	1.00	"Worst"	36.33	31.83	6.59	35.82

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	4.9888G	55.72	74.00	-18.28	2.60	3	Horizontal	224	1.00	-	53.12	31.83	6.59	35.82
AV	4.98864G	49.05	54.00	-4.95	2.60	3	Horizontal	224	1.00	"Worst"	46.45	31.83	6.59	35.82