Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	XHG-CG770
Equipment	:	CPE
Brand Name	:	Jextream
Model Name	:	CG770
Applicant	:	Franklin Technology Inc. 906 JEI Platz, 186, Gasan digital 1-ro, Gumcheon-Gu, Seoul, South Korea, 08502
Manufacturer	:	Franklin Technology Inc. 906 JEI Platz, 186, Gasan digital 1-ro, Gumcheon-Gu, Seoul, South Korea, 08502
Standard	:	47 CFR FCC Part 15.407

The product was received on Feb. 25, 2022, and testing was started from Mar. 08, 2022 and completed on May 05, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR221722AB	01	Initial issue of report	Jul. 04, 2022

Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. 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	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	802.11n HT20	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Note:
- 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

For WWAN Function

Ant.	Brand	Model Name	Antenna Type	Connector	TX/RX Function	Gain (dBi)
1	Partron	APCMA1CG770	PCB Antenna	I-PEX	TX/RX	Note1
2	Partron	APCMA2CG770	PCB Antenna	I-PEX	RX	
3	Partron	APCMA3CG770	PCB Antenna	I-PEX	RX	
4	Partron	APCMA4CG770	PCB Antenna	I-PEX	TX/RX	
5	Partron	APCSB1CG770	PCB Antenna	I-PEX	RX	
6	Partron	APCSB2CG770	PCB Antenna	I-PEX	RX	

Note1:

Band	Uplink(UL) Frequency Range (MHz)	Downlink(DL) Frequency Range (MHz)	Ant. 1 Gain (dBi)	Ant. 2 Gain (dBi)	Ant. 3 Gain (dBi)	Ant. 4 Gain (dBi)	Ant. 5 Gain (dBi)	Ant. 6 Gain (dBi)
WCDMA Band 2	1850-1910	1930-1990	-4.68	-	-5.07	-	-	-
WCDMA Band 4	1710-1755	2110-2155	-2.09	-	-2.33	-	-	-
WCDMA Band 5	824-849	869-894	-2.51	-	-2.49	-	-	-
LTE Band 4	1710-1755	2110-2155	-2.09	-2.22	-2.33	-2.78	-	-
LTE Band 5	824-849	869-894	-2.51	-	-2.49	-	-	-
LTE Band 12	699-716	729-746	-	-3.94	-	-3.22	-	-
LTE Band 41	2496-2690		-2.77	-3.41	-3.33	-2.94	-	-
LTE Band 48 and 5G NR n48	3550-3700		-3.99	-4.44	-5.16	-4.55	-	-
LTE Band 66 and 5G NR n66	1710-1780	2110-2200	-2.09	-2.22	-2.33	-2.78	-	-

Note2: The above information was declared by manufacturer.
Note3:
For 1TX/2RX (WCDMA Band 2, 4 and 5 / 4G Band 5):
Only Ant. 1 can be used as transmitting functions.
Ant. 1 and Ant. 3 could receive simultaneously.
For 1TX/2RX (4G Band 12):
Only Ant. 4 can be used as transmitting functions.
Ant. 2 and Ant. 4 could receive simultaneously
For 1TX/4RX (4G Band 41 and 48 / 5G Band n48,n66):
Only Ant. 1 can be used as transmitting functions.
Ant. 1, 2, 3 and Ant. 4 could receive simultaneously.
For 1TX/4RX (4G Band 4, 66):
The EUT supports the Ant. 1 and Ant. 4 with TX diversity function.
At once time there is only one antenna port can transmitting RF signal
Ant. 1, 2, 3 and Ant. 4 could receive simultaneously.

For WLAN Function

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
7	1	Partron	APCBWCG770	PCB Antenna	I-PEX	Note1
8	2	Partron	APCBWCG770	PCB Antenna	I-PEX	

Note1:

Band	Ant. 7 Gain (dBi)	Ant. 8 Gain (dBi)
WLAN-2.4GHz	-2.2	-4.08
WLAN-5GHz	-4.28	-3.0

Note2: The above information was declared by manufacturer.

Note3:

For 2.4GHz function:

For IEEE 802.11b/g/n/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11n/ac/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

Note4: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$; NSS1(g1,2)= $10^{G3/20}$; NSS1(g1,2)= $10^{G4/20}$

gj,k =$(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2$

DG = 10 log$[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}]$ => 10 log$[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

2.4G = G1 = -2.2 ; G2 = -4.08

5G = G1 = -4.28 ; G2 = -3

2.4G DG = -0.08 dBi

5 GHz U-NII-1 DG = -0.61 dBi

5 GHz U-NII-3 DG = -0.61 dBi

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11n HT20	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT80	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20	0.995	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	Form power adapter or battery			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QRCT v4.0.00189.0			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Lucas Huang	23.9-24.4 / 63-65	Mar. 08, 2022~ Apr. 13, 2022
Radiated Above 1GHz (Other test items)	03CH02-CB	Kevin Huang	23.8-24.9 / 55-58	Mar. 08, 2022~ May 05, 2022
Radiated Above 1GHz (Other test items)	03CH06-CB		24.2-26.1 / 55-58	
Radiated (Below 1GHz) and Co-location	03CH05-CB		24.5-25.6 / 56-59	
AC Conduction	CO01-CB	Joe Chu	20~22 / 60~62	Mar. 25, 2022

1.4 Measurement Uncertainty

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

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

Mode	Power Setting
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	13
5200MHz	13
5240MHz	13
5745MHz	12.5
5785MHz	12.5
5825MHz	12.5
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	13
5230MHz	13
5755MHz	12.5
5795MHz	12.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	13
5200MHz	13
5240MHz	13
5745MHz	12.5
5785MHz	12.5
5825MHz	12.5
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	13
5230MHz	13
5755MHz	12.5
5795MHz	12
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	13
5775MHz	12
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	14
5200MHz	14
5240MHz	14

Mode	Power Setting
5745MHz	14
5785MHz	12.5
5825MHz	12.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	14
5230MHz	14
5755MHz	12.5
5795MHz	12.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	14
5775MHz	12.5

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+WLAN 2.4GHz/5GHz+WAN+battery-powered from adapter
2	EUT+WLAN 2.4GHz/5GHz+WWAN-3G Band 2+battery-powered from adapter
3	EUT+WLAN 2.4GHz/5GHz+WWAN-4G Band 4+battery-powered from adapter
4	EUT+WLAN 2.4GHz/5GHz+WWAN-5G Band n66+battery-powered from adapter
For operating mode 1 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions measurement above 1GHz test, and the worst case was found at Y axis for WLAN 2.4GHz and at X axis for WLAN 5GHz. So the measurement will follow this same test configuration.
1	EUT in Y axis+WLAN 2.4GHz+battery-powered from adapter
2	EUT in Y axis+WLAN 2.4GHz+battery-powered from battery
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT in X axis+WLAN 5GHz+battery-powered from adapter
For operating mode 3 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. The worst case as below:
1	EUT in X axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT can be placed in X axis, Y axis and Z axis. EUT in Y axis has been evaluated to be the worst case at Unwanted Emissions above 1GHz ; thus, the measurement will follow this same test
1	EUT in Y axis + WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

Note: The micro USB port can not be used by the end-user. It is generally used for debugging by engineers.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	Franklin	APS-M024120200W-G	INPUT: 100-240V~50-60Hz, 0.6A Max. OUTPUT: 12V, 2.0A
2	Lithium Ion Polymer(LIP) battery	AE- Tech.	941-A05053-011	3.8V, 15.01Wh, 3950m4Ah

2.5 Support Equipment

For AC Conduction:

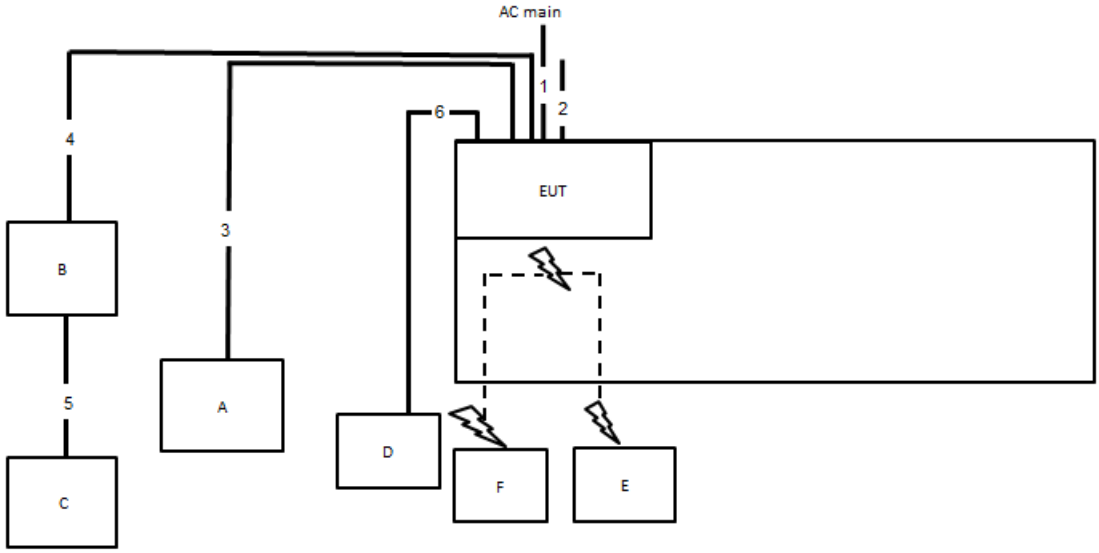
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	AP Router	ASUS	RP-N53	MSQ-RPN53
C	WAN NB	DELL	E6430	N/A
D	Phone	SAMPO	HT-B 907WL	N/A
E	5G NB	DELL	E6430	N/A
F	2.4G NB	DELL	E6430	N/A

For Radiated and RF Conducted:

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

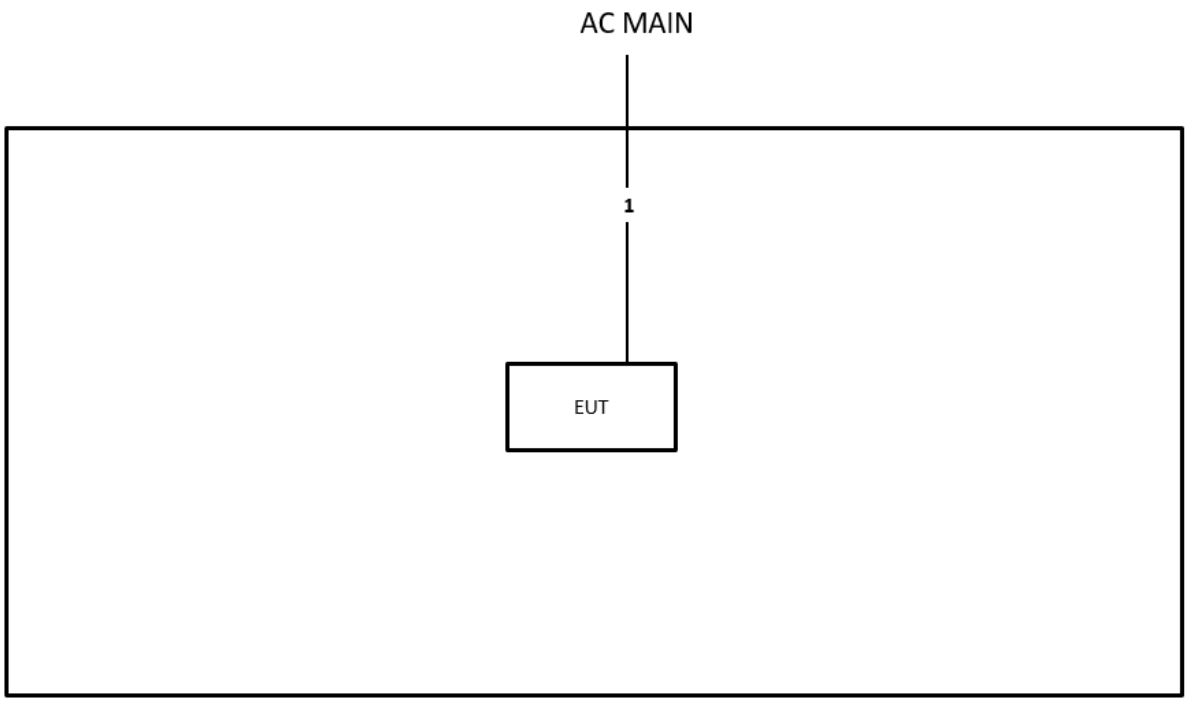
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



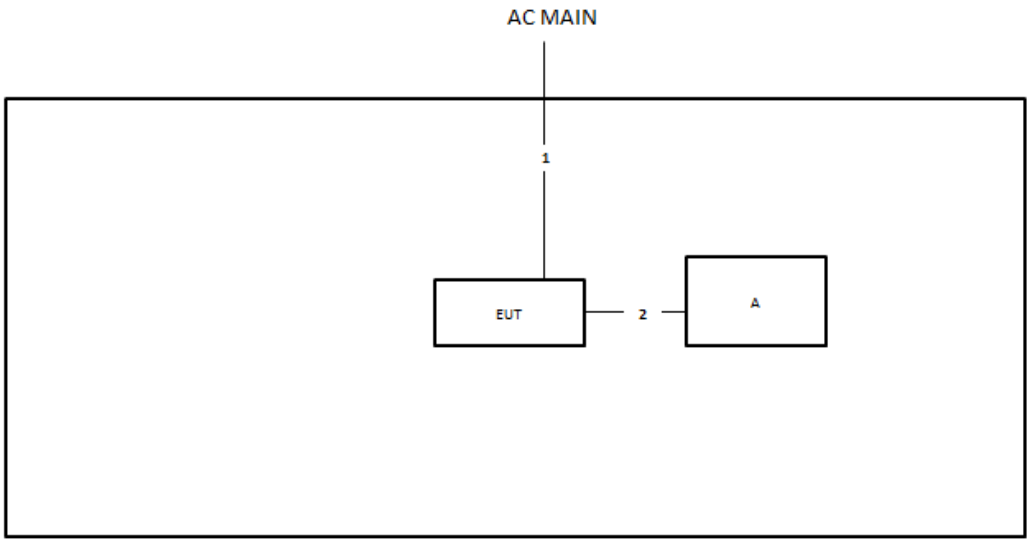
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Mini USB cable	Yes	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1.5m
6	RJ-11 cable	No	10m

Test Setup Diagram - Radiated Test <1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m

Test Setup Diagram - Radiated Test >1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	USB cable	No	1m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

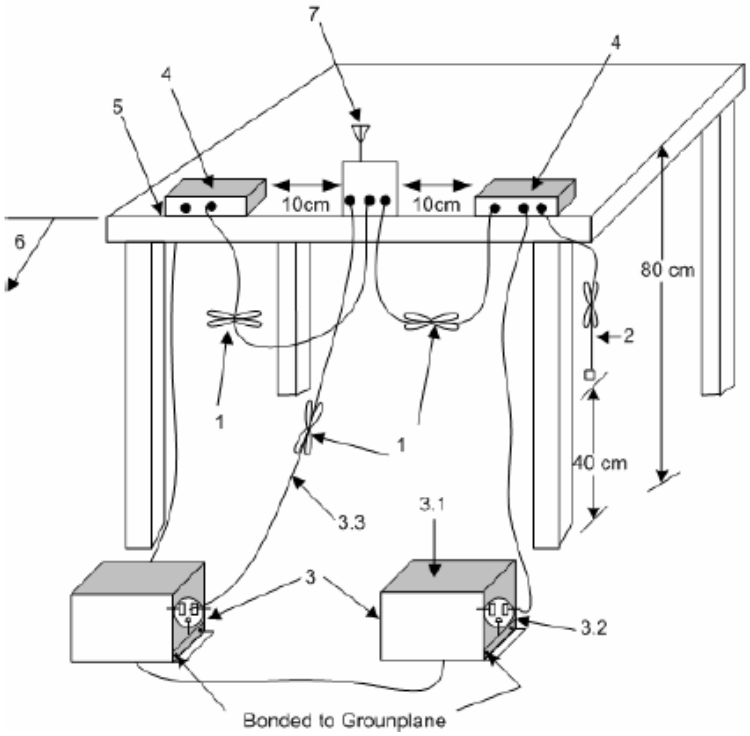
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

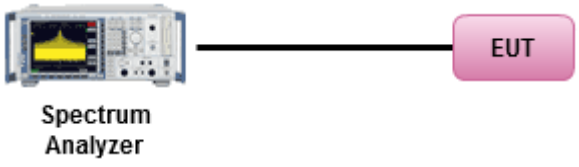
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033 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

Emission Bandwidth


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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (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

Conducted Measurement (Power Meter)


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° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

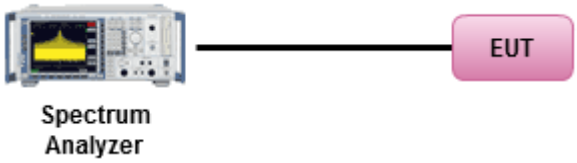
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐	Refer as FCC KDB 789033 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (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

Conducted Measurement


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.

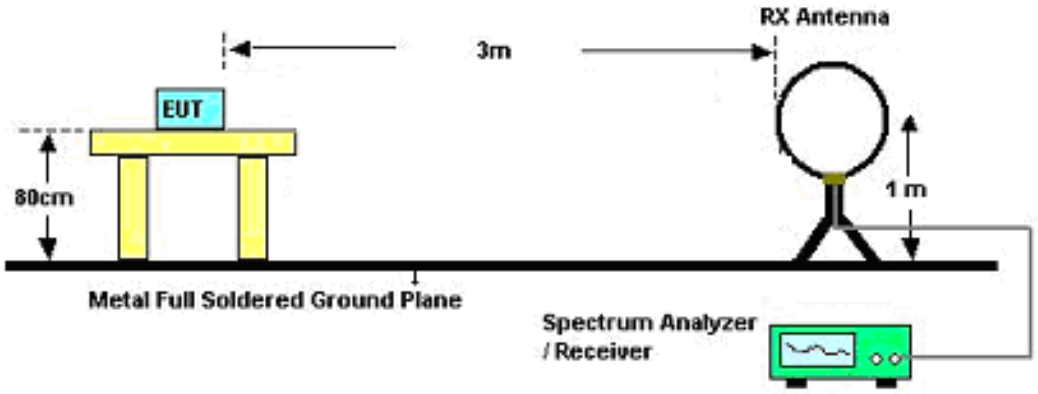
3.5.3 Test Procedures

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 ≥ 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.		

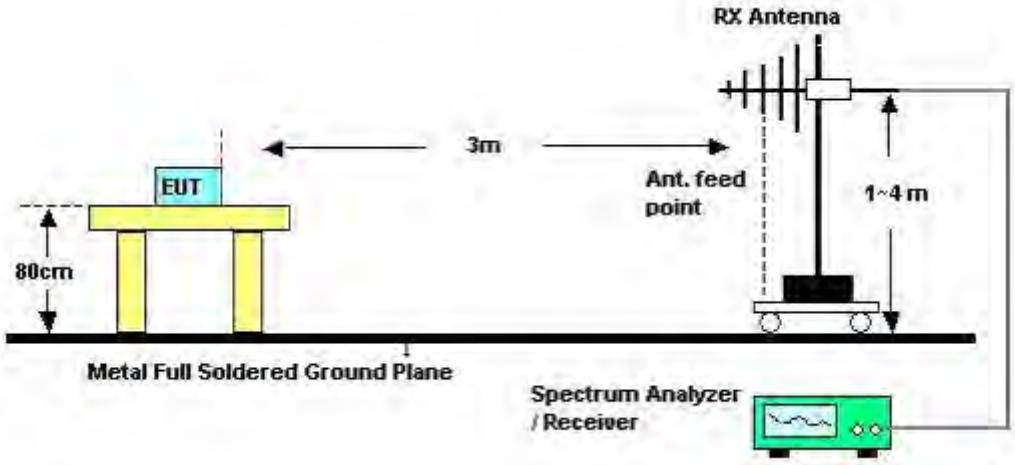
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

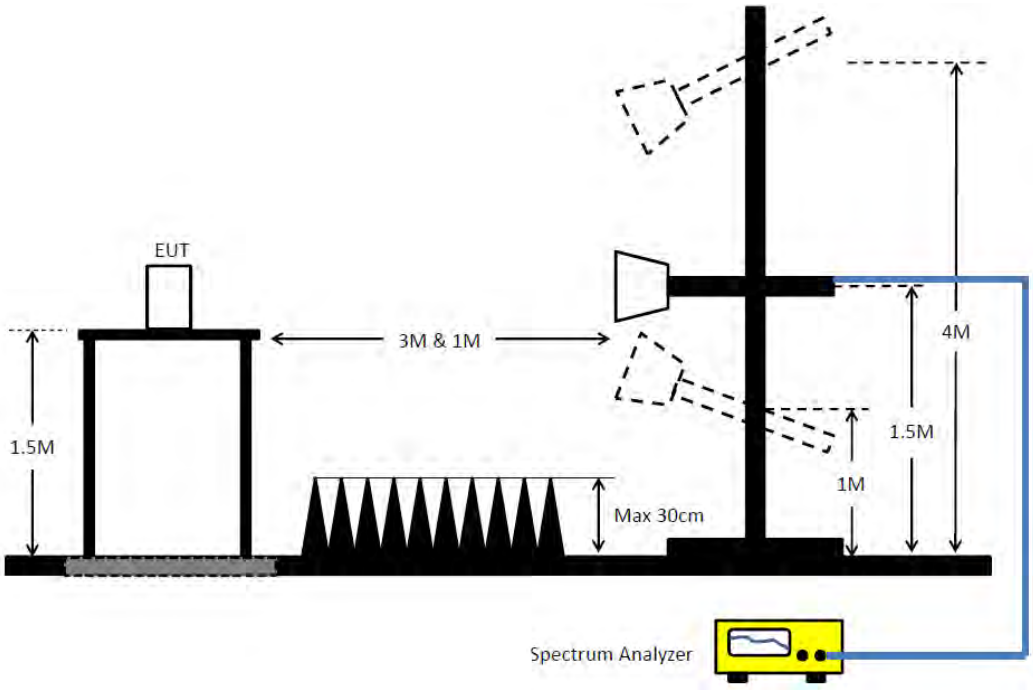
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber (NSA)	RIKEN	SAC-3M	03CH02-CB	30 MHz ~ 1 GHz	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
3m Semi Anechoic Chamber NSA	RIKEN	SAC-3M	03CH02-CB	30 MHz ~ 1 GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	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)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Oct. 14, 2021	Oct. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	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	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	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-HG	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)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	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. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	SGH5265	20211115-1	1GHz ~ 26.5GHz	Jan 19, 2022	Jan 18, 2023	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

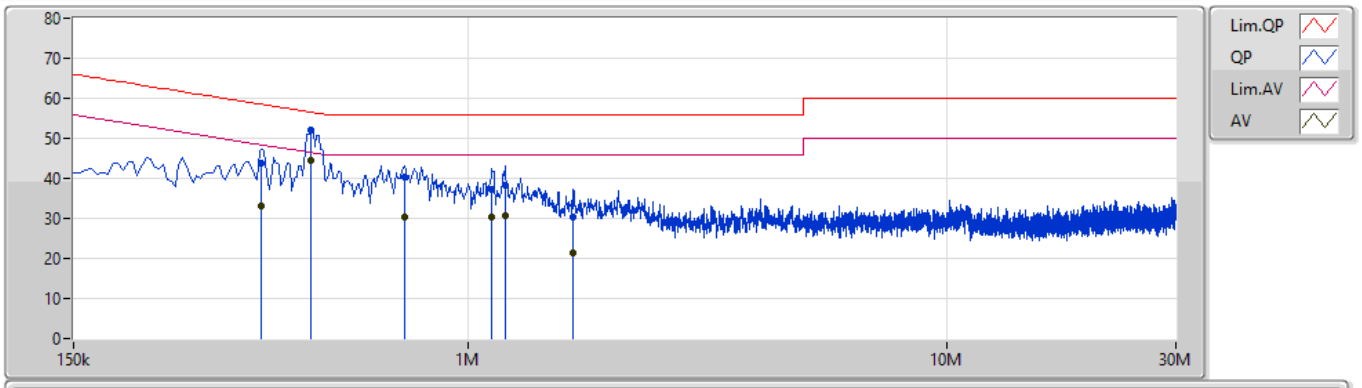
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	469.5k	44.79	46.52	-1.73	Neutral

Mode 1

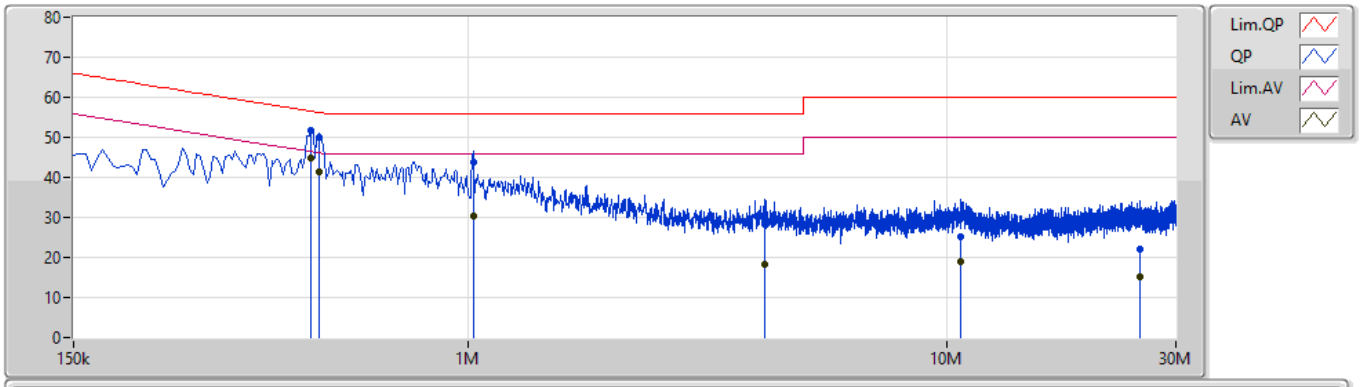
25/03/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	370.5k	43.71	58.49	-14.78	10.03	Line	-	33.68	0.12	0.02	9.89
AV	370.5k	33.18	48.49	-15.31	10.03	Line	-	23.15	0.12	0.02	9.89
QP	469.5k	52.06	56.52	-4.46	10.03	Line	-	42.03	0.12	0.02	9.89
AV	469.5k	44.44	46.52	-2.08	10.03	Line	"Worst"	34.41	0.12	0.02	9.89
QP	735k	40.37	56.00	-15.63	10.04	Line	-	30.33	0.13	0.02	9.89
AV	735k	30.30	46.00	-15.70	10.04	Line	-	20.26	0.13	0.02	9.89
QP	1.122M	37.15	56.00	-18.85	10.05	Line	-	27.10	0.14	0.02	9.89
AV	1.122M	30.20	46.00	-15.80	10.05	Line	-	20.15	0.14	0.02	9.89
QP	1.194M	38.35	56.00	-17.65	10.07	Line	-	28.28	0.15	0.03	9.89
AV	1.194M	30.52	46.00	-15.48	10.07	Line	-	20.45	0.15	0.03	9.89
QP	1.658M	30.45	56.00	-25.55	10.09	Line	-	20.36	0.16	0.04	9.89
AV	1.658M	21.47	46.00	-24.53	10.09	Line	-	11.38	0.16	0.04	9.89

Mode 1

25/03/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	469.5k	51.80	56.52	-4.72	10.07	Neutral	-	41.73	0.16	0.02	9.89
AV	469.5k	44.79	46.52	-1.73	10.07	Neutral	"Worst"	34.72	0.16	0.02	9.89
QP	487.5k	50.04	56.21	-6.17	10.07	Neutral	-	39.97	0.16	0.02	9.89
AV	487.5k	41.30	46.21	-4.91	10.07	Neutral	-	31.23	0.16	0.02	9.89
QP	1.023M	43.93	56.00	-12.07	10.08	Neutral	-	33.85	0.17	0.02	9.89
AV	1.023M	30.18	46.00	-15.82	10.08	Neutral	-	20.10	0.17	0.02	9.89
QP	4.164M	28.13	56.00	-27.87	10.18	Neutral	-	17.95	0.22	0.07	9.89
AV	4.164M	18.27	46.00	-27.73	10.18	Neutral	-	8.09	0.22	0.07	9.89
QP	10.662M	25.07	60.00	-34.93	10.28	Neutral	-	14.79	0.29	0.08	9.91
AV	10.662M	19.04	50.00	-30.96	10.28	Neutral	-	8.76	0.29	0.08	9.91
QP	25.323M	21.93	60.00	-38.07	10.53	Neutral	-	11.40	0.36	0.20	9.97
AV	25.323M	15.21	50.00	-34.79	10.53	Neutral	-	4.68	0.36	0.20	9.97

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	20.16M	17.571M	17M6D1D	19.86M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	39.72M	36.102M	36M1D1D	39.42M	35.982M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.4M	17.571M	17M6D1D	20.04M	17.511M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.54M	36.102M	36M1D1D	39.36M	36.042M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.8M	75.682M	75M7D1D	81.84M	75.682M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.85M	18.891M	18M9D1D	20.58M	18.861M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.5M	37.901M	37M9D1D	40.26M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.68M	77.361M	77M4D1D	82.32M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	17.61M	17.571M	17M6D1D	16.29M	17.511M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.102M	36M1D1D	35.4M	36.042M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.61M	17.541M	17M5D1D	17.16M	17.511M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.36M	36.102M	36M1D1D	36.24M	36.042M
802.11ac VHT80_Nss1,(MCS0)_2TX	72.96M	75.442M	75M4D1D	72.48M	75.322M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.87M	18.891M	18M9D1D	17.7M	18.861M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.56M	37.841M	37M8D1D	37.08M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	76.68M	77.241M	77M2D1D	76.08M	77.001M

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

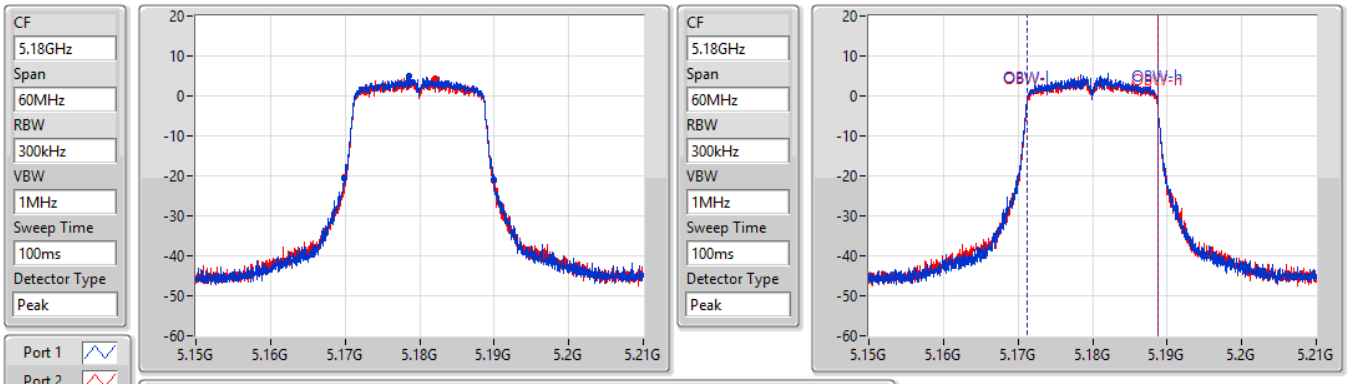
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.13M	17.541M	19.98M	17.571M
5200MHz	Pass	Inf	19.86M	17.541M	19.92M	17.541M
5240MHz	Pass	Inf	20.16M	17.571M	20.04M	17.571M
5745MHz	Pass	500k	17.61M	17.511M	16.29M	17.511M
5785MHz	Pass	500k	17.52M	17.571M	17.55M	17.541M
5825MHz	Pass	500k	17.58M	17.541M	17.04M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.42M	36.042M	39.48M	35.982M
5230MHz	Pass	Inf	39.48M	36.102M	39.72M	36.042M
5755MHz	Pass	500k	35.4M	36.042M	35.46M	36.042M
5795MHz	Pass	500k	36.3M	36.102M	36.24M	36.042M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.07M	17.511M	20.04M	17.511M
5200MHz	Pass	Inf	20.4M	17.541M	20.16M	17.511M
5240MHz	Pass	Inf	20.07M	17.571M	20.1M	17.541M
5745MHz	Pass	500k	17.55M	17.541M	17.16M	17.541M
5785MHz	Pass	500k	17.61M	17.511M	17.61M	17.541M
5825MHz	Pass	500k	17.58M	17.541M	17.58M	17.541M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.54M	36.102M	39.48M	36.042M
5230MHz	Pass	Inf	39.48M	36.102M	39.36M	36.102M
5755MHz	Pass	500k	36.24M	36.102M	36.3M	36.102M
5795MHz	Pass	500k	36.24M	36.042M	36.36M	36.102M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.8M	75.682M	81.84M	75.682M
5775MHz	Pass	500k	72.96M	75.322M	72.48M	75.442M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.85M	18.891M	20.85M	18.891M
5200MHz	Pass	Inf	20.58M	18.891M	20.79M	18.891M
5240MHz	Pass	Inf	20.61M	18.861M	20.85M	18.861M
5745MHz	Pass	500k	18.6M	18.891M	18.42M	18.861M
5785MHz	Pass	500k	18.87M	18.861M	18.33M	18.891M
5825MHz	Pass	500k	17.7M	18.891M	18.63M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.5M	37.721M	40.32M	37.901M
5230MHz	Pass	Inf	40.26M	37.781M	40.26M	37.721M
5755MHz	Pass	500k	37.32M	37.781M	37.56M	37.781M
5795MHz	Pass	500k	37.08M	37.841M	37.2M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.32M	77.361M	82.68M	77.241M
5775MHz	Pass	500k	76.08M	77.001M	76.68M	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

802.11n HT20_Nss1,(MCS0)_2TX EBW

5180MHz

13/04/2022

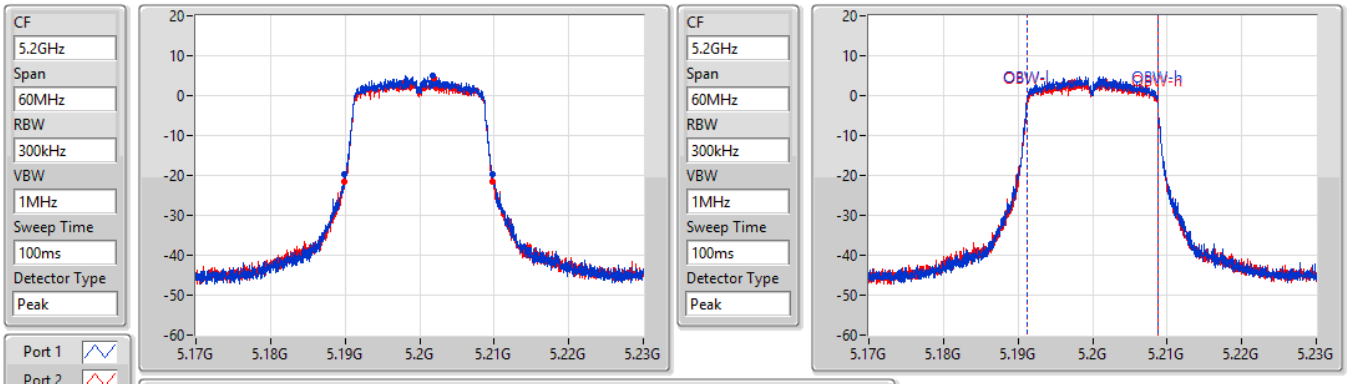


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.13M	5.16983G	5.18996G	17.541M	5.171154G	5.188696G	Inf	1
19.98M	5.16989G	5.18987G	17.571M	5.171154G	5.188726G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

5200MHz

13/04/2022

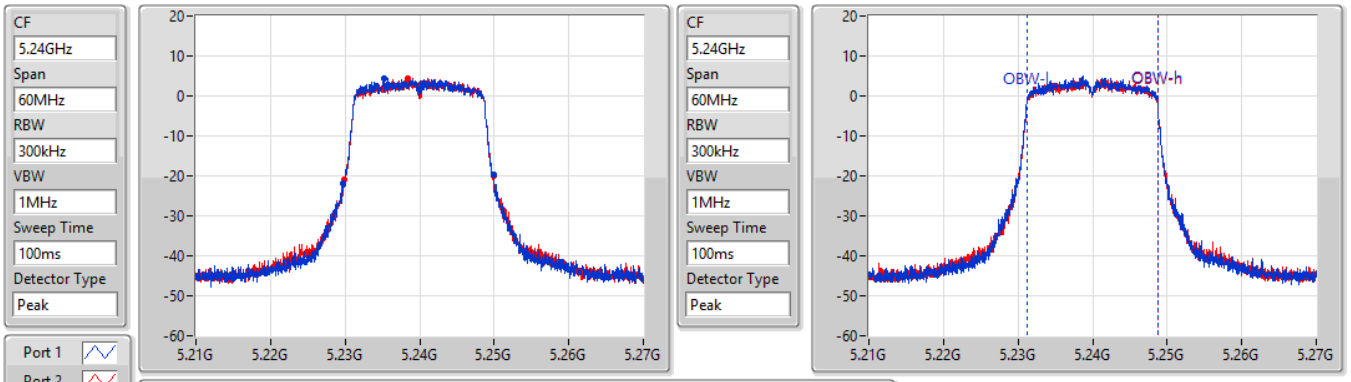


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.86M	5.18992G	5.20978G	17.541M	5.191154G	5.208696G	Inf	1
19.92M	5.18992G	5.20984G	17.541M	5.191184G	5.208726G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

5240MHz

13/04/2022

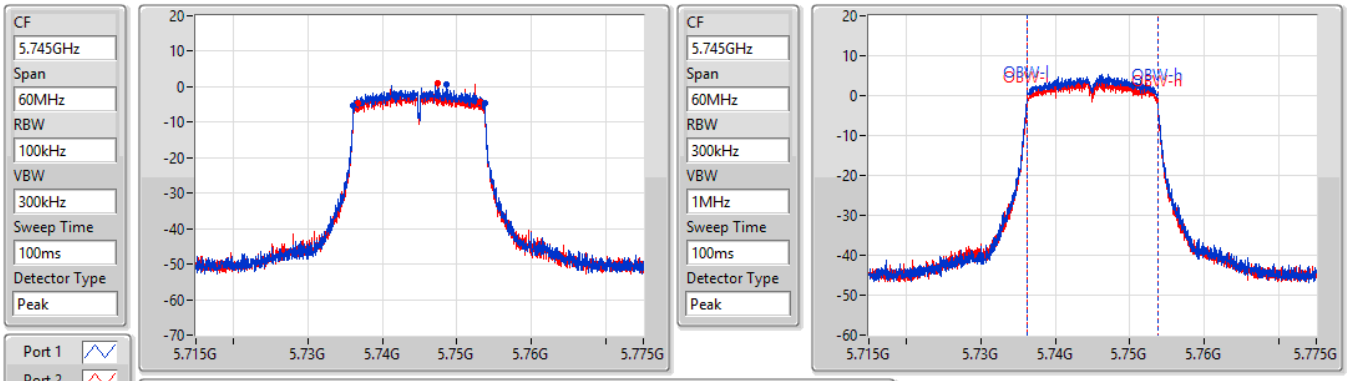


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.16M	5.2298G	5.24996G	17.571M	5.231154G	5.248726G	Inf	1
20.04M	5.22983G	5.24987G	17.571M	5.231154G	5.248726G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

5745MHz

13/04/2022

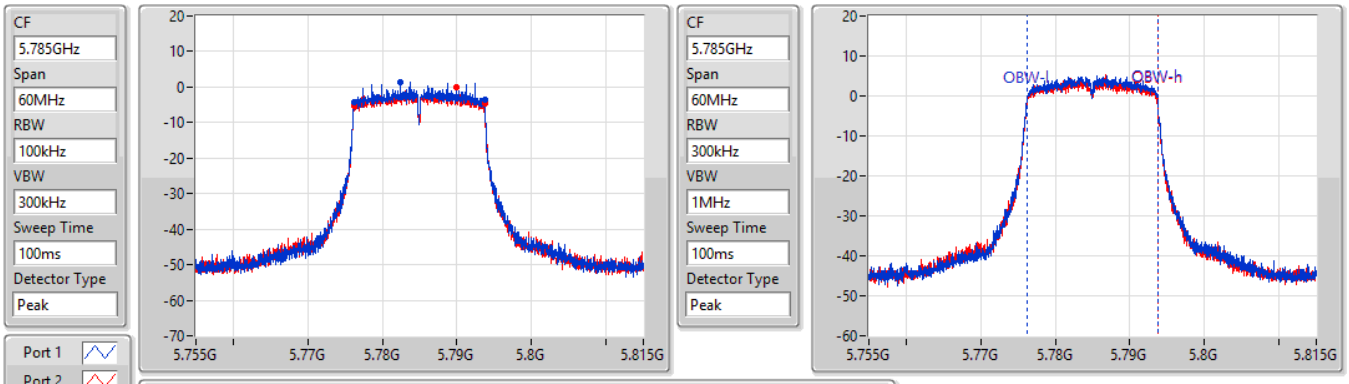


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.61M	5.73612G	5.75373G	17.511M	5.736184G	5.753696G	500k	1
16.29M	5.73678G	5.75307G	17.511M	5.736184G	5.753696G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

5785MHz

13/04/2022

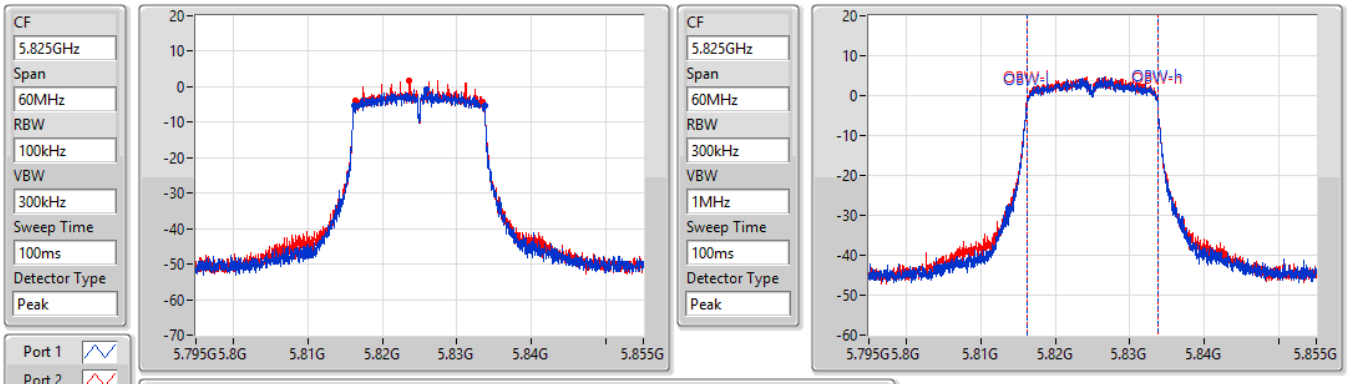


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.52M	5.77618G	5.7937G	17.571M	5.776154G	5.793726G	500k	1
17.55M	5.77615G	5.7937G	17.541M	5.776154G	5.793696G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

5825MHz

13/04/2022

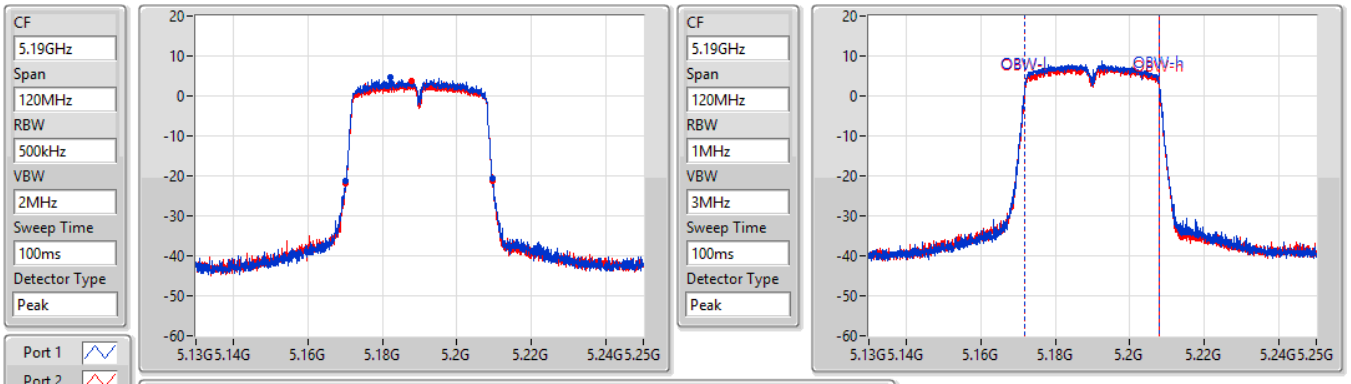


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.81615G	5.83373G	17.541M	5.816154G	5.833696G	500k	1
17.04M	5.81642G	5.83346G	17.541M	5.816154G	5.833696G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

5190MHz

13/04/2022

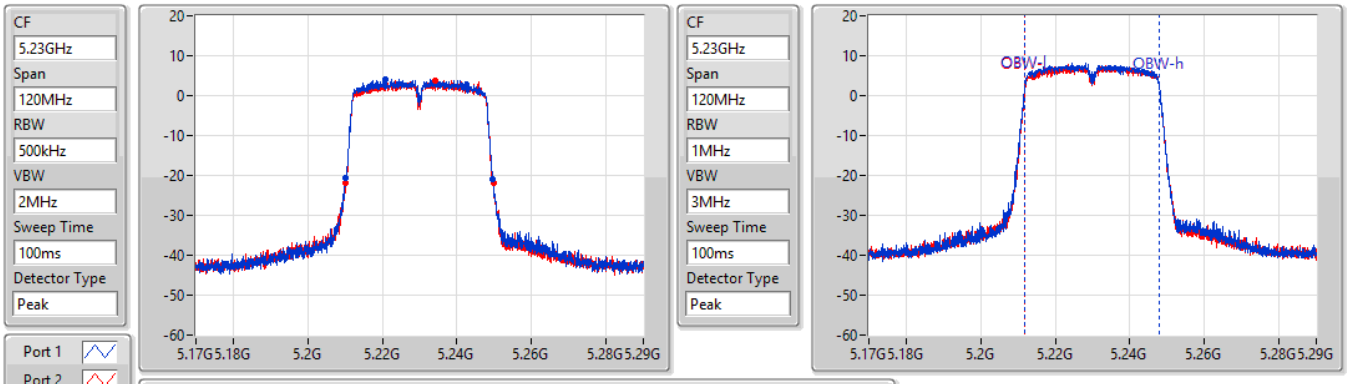


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.42M	5.17014G	5.20956G	36.042M	5.171889G	5.207931G	Inf	1
39.48M	5.17008G	5.20956G	35.982M	5.171949G	5.207931G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

5230MHz

13/04/2022

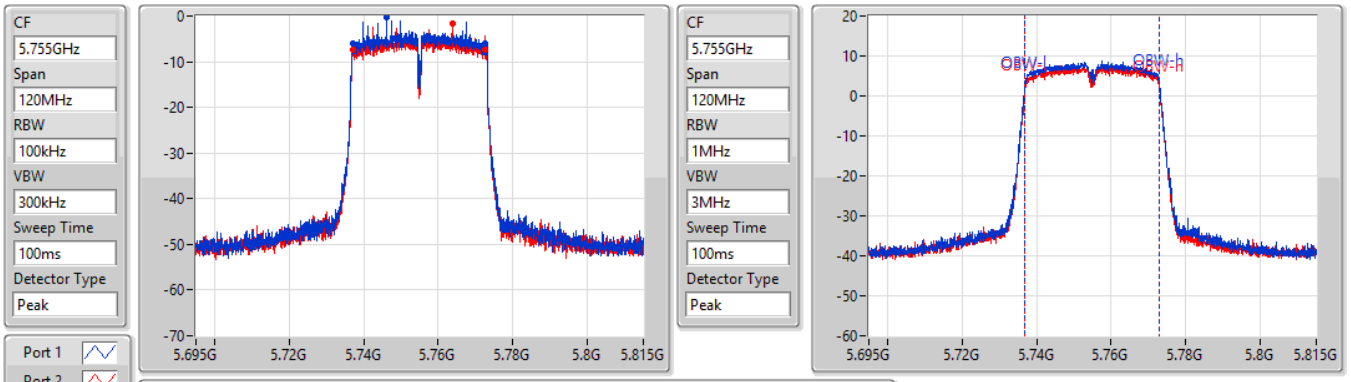


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.48M	5.21014G	5.24962G	36.102M	5.211889G	5.247991G	Inf	1
39.72M	5.21008G	5.2498G	36.042M	5.211949G	5.247991G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

5755MHz

13/04/2022

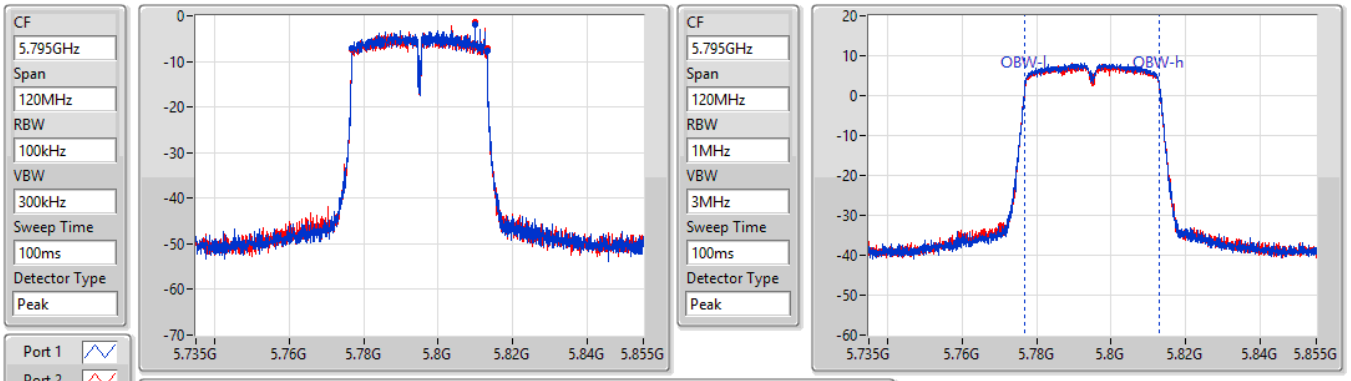


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.4M	5.73706G	5.77246G	36.042M	5.736889G	5.772931G	500k	1
35.46M	5.737G	5.77246G	36.042M	5.736949G	5.772991G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

5795MHz

13/04/2022

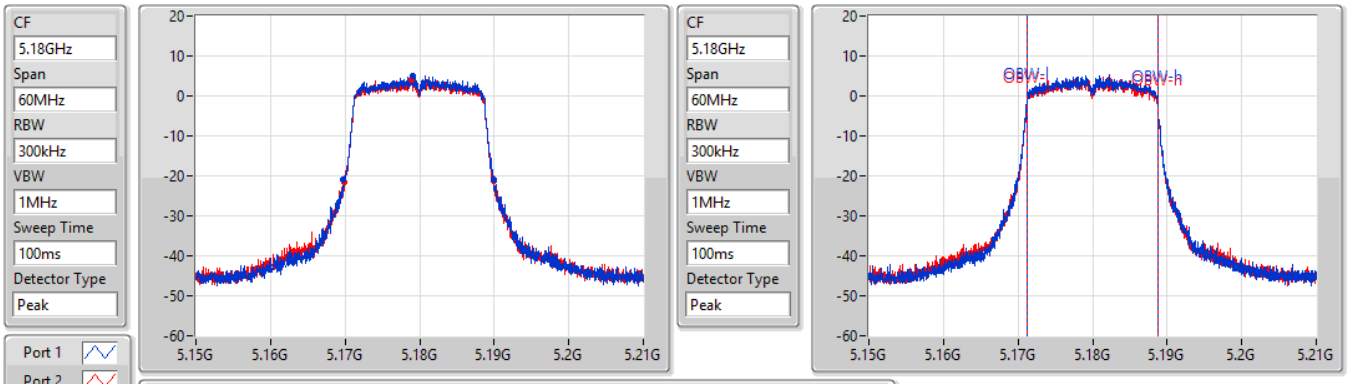


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.77682G	5.81312G	36.102M	5.776889G	5.812991G	500k	1
36.24M	5.77682G	5.81306G	36.042M	5.776889G	5.812931G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5180MHz

13/04/2022

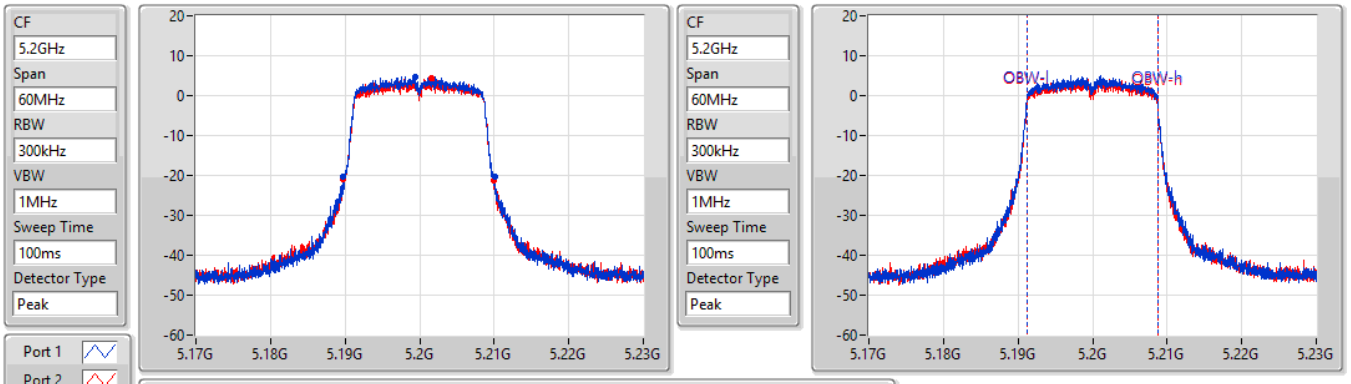


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.07M	5.1698G	5.18987G	17.511M	5.171184G	5.188696G	Inf	1
20.04M	5.16992G	5.18996G	17.511M	5.171184G	5.188696G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5200MHz

13/04/2022

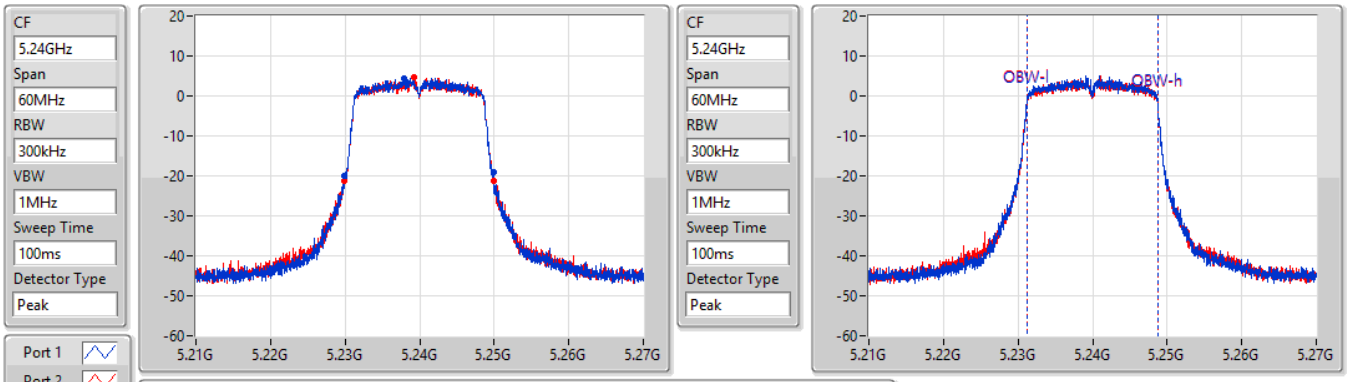


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.18974G	5.21014G	17.541M	5.191154G	5.208696G	Inf	1
20.16M	5.18974G	5.2099G	17.511M	5.191184G	5.208696G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5240MHz

13/04/2022

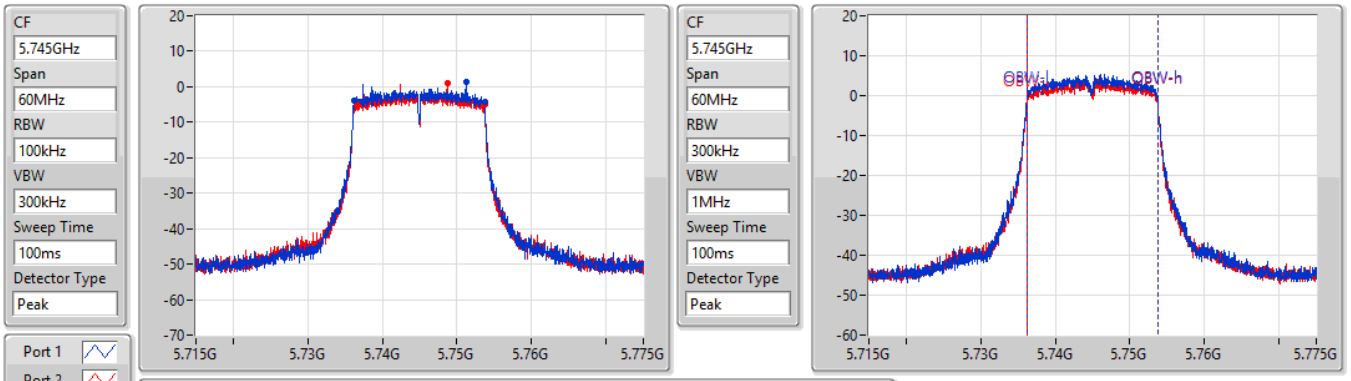


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.07M	5.22983G	5.2499G	17.571M	5.231154G	5.248726G	Inf	1
20.1M	5.22989G	5.24999G	17.541M	5.231184G	5.248726G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5745MHz

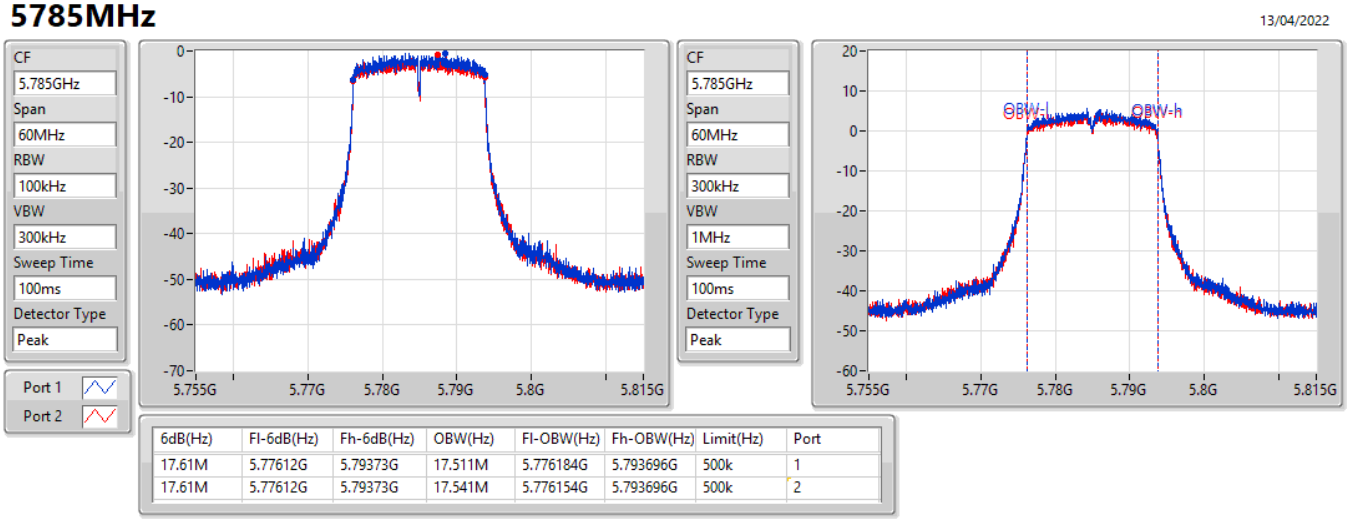
13/04/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.73615G	5.7537G	17.541M	5.736154G	5.753696G	500k	1
17.16M	5.73654G	5.7537G	17.541M	5.736154G	5.753696G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

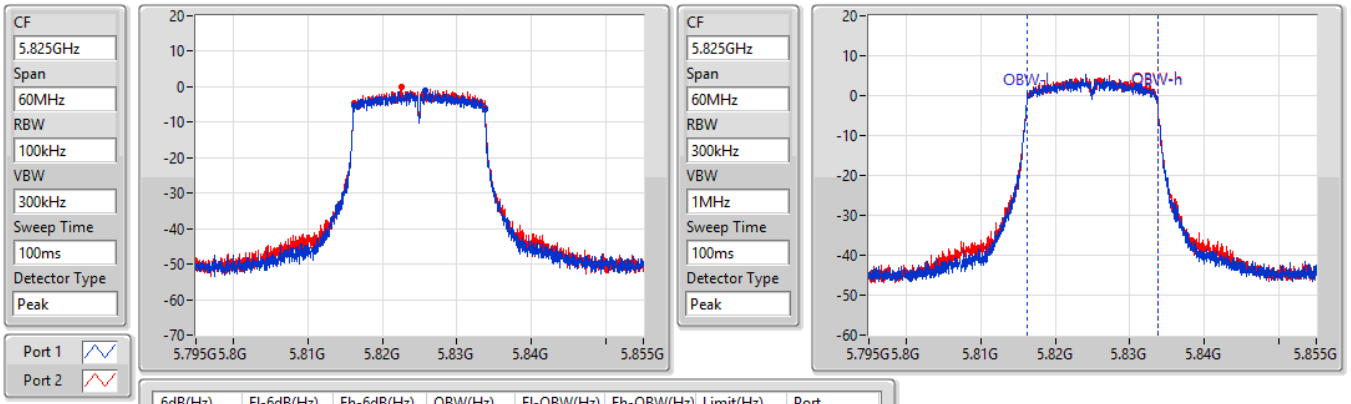
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.61M	5.77612G	5.79373G	17.511M	5.776184G	5.793696G	500k	1
17.61M	5.77612G	5.79373G	17.541M	5.776154G	5.793696G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5825MHz

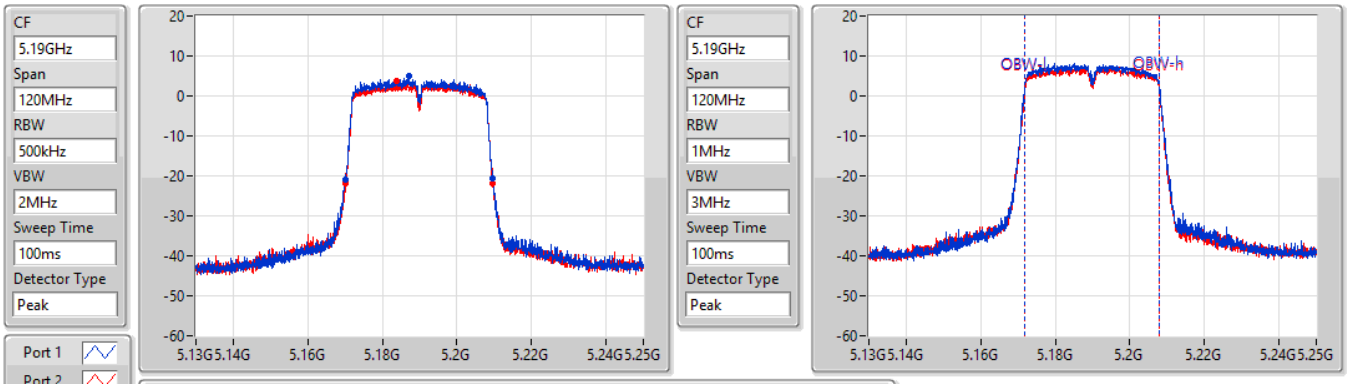


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.81615G	5.83373G	17.541M	5.816154G	5.833696G	500k	1
17.58M	5.81615G	5.83373G	17.541M	5.816154G	5.833696G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5190MHz

13/04/2022

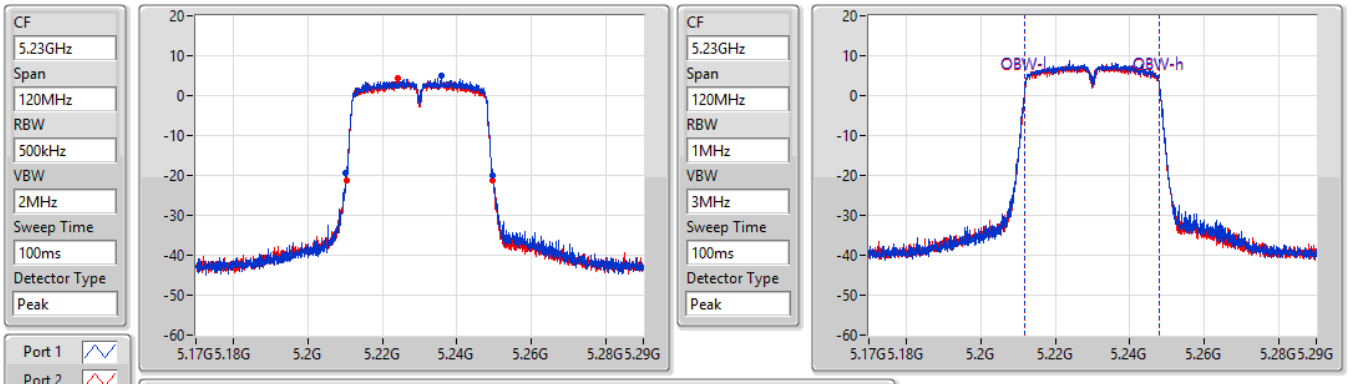


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.17002G	5.20956G	36.102M	5.171829G	5.207931G	Inf	1
39.48M	5.1702G	5.20968G	36.042M	5.171889G	5.207931G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5230MHz

13/04/2022

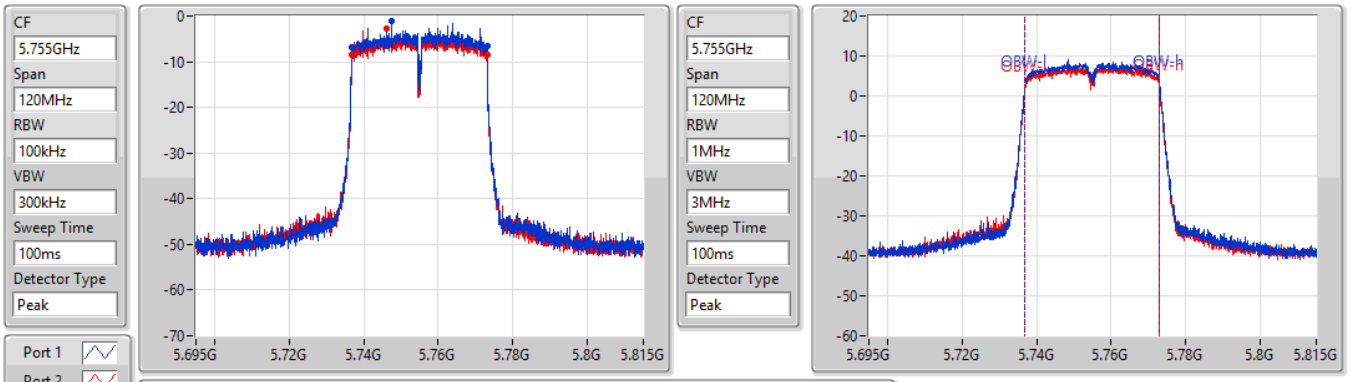


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.48M	5.2102G	5.24968G	36.102M	5.211889G	5.247991G	Inf	1
39.36M	5.21032G	5.24968G	36.102M	5.211889G	5.247991G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5755MHz

13/04/2022

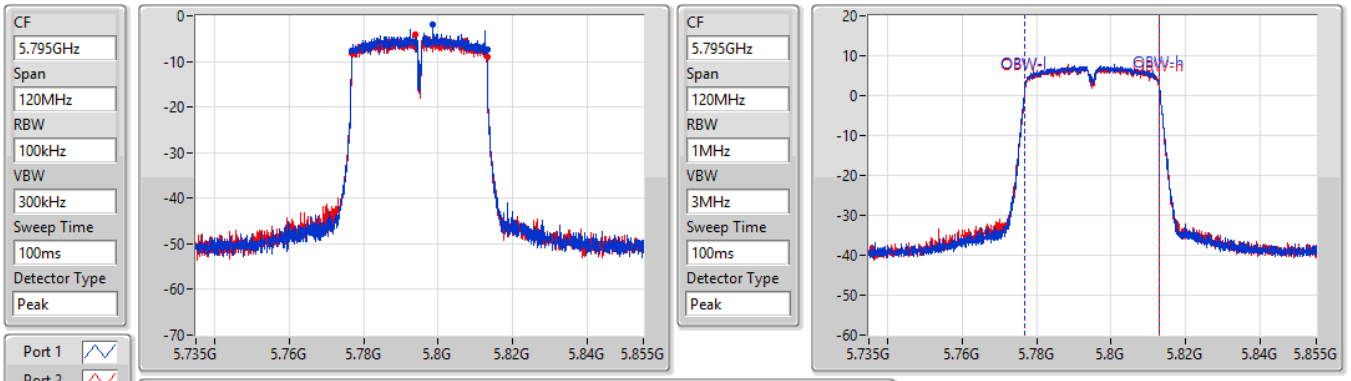


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.24M	5.73682G	5.77306G	36.102M	5.736889G	5.772991G	500k	1
36.3M	5.73676G	5.77306G	36.102M	5.736889G	5.772991G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5795MHz

13/04/2022

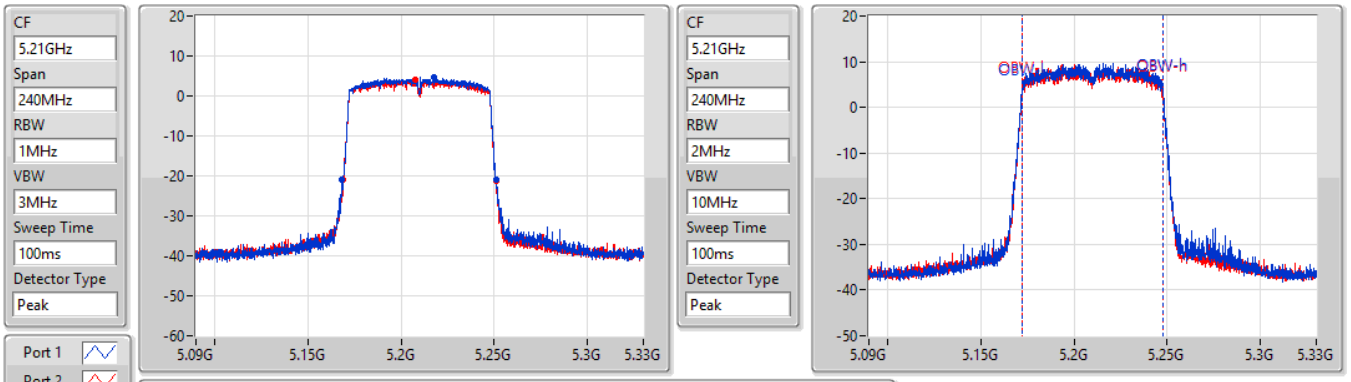


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.24M	5.77682G	5.81306G	36.042M	5.776889G	5.812931G	500k	1
36.36M	5.77676G	5.81312G	36.102M	5.776889G	5.812991G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5210MHz

13/04/2022

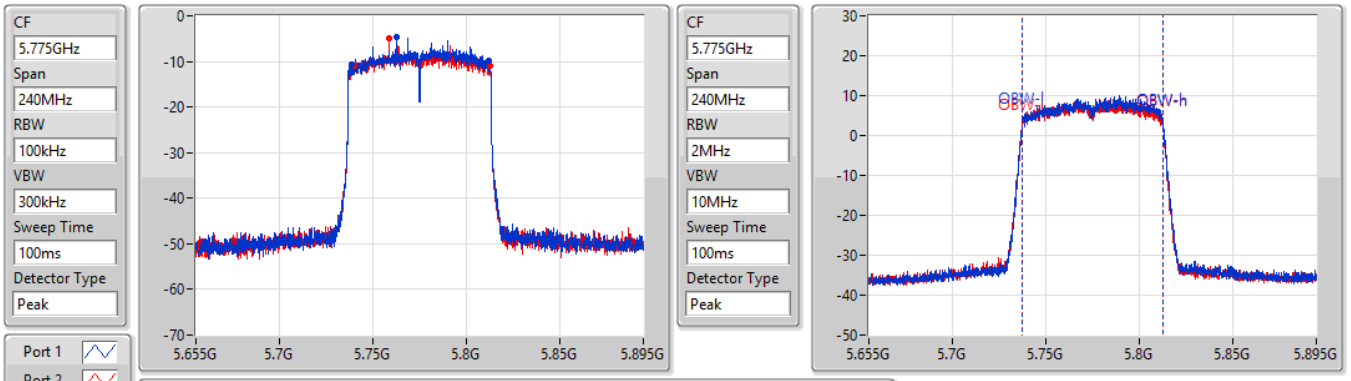


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.16848G	5.25128G	75.682M	5.172099G	5.247781G	Inf	1
81.84M	5.1692G	5.25104G	75.682M	5.172099G	5.247781G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5775MHz

13/04/2022

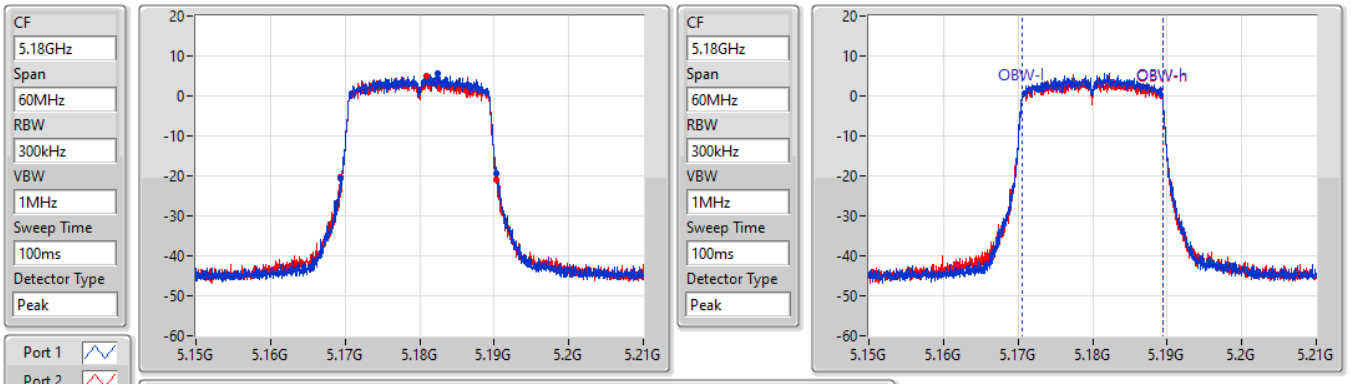


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.96M	5.73888G	5.81184G	75.322M	5.737459G	5.812781G	500k	1
72.48M	5.7402G	5.81268G	75.442M	5.737219G	5.812661G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

10/03/2022

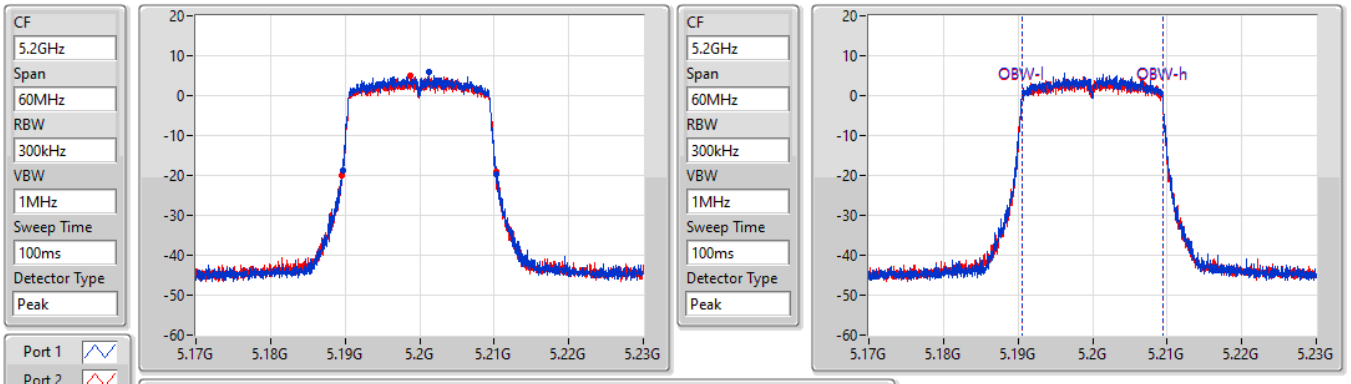


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.16947G	5.19032G	18.891M	5.170495G	5.189385G	Inf	1
20.85M	5.16947G	5.19032G	18.891M	5.170495G	5.189385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

10/03/2022

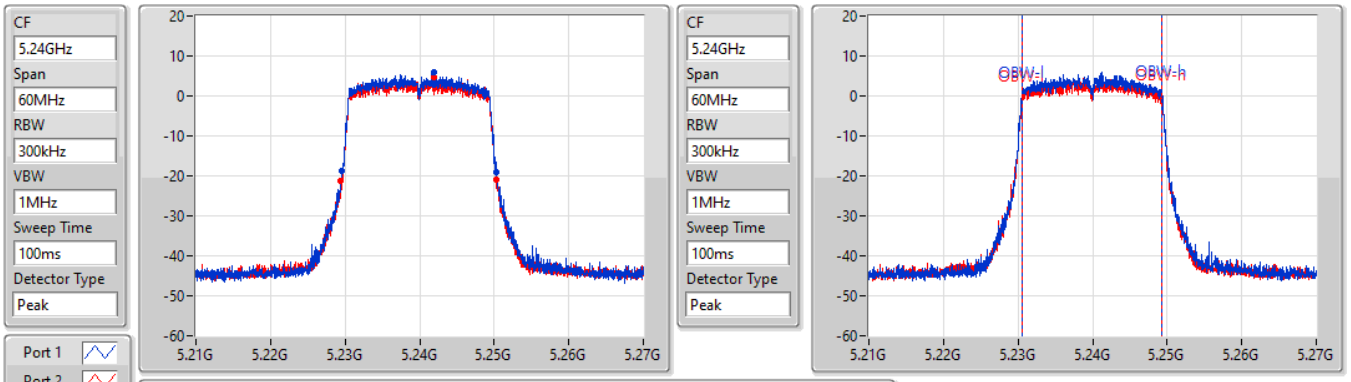


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.18965G	5.21023G	18.891M	5.190495G	5.209385G	Inf	1
20.79M	5.18953G	5.21032G	18.891M	5.190495G	5.209385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

10/03/2022

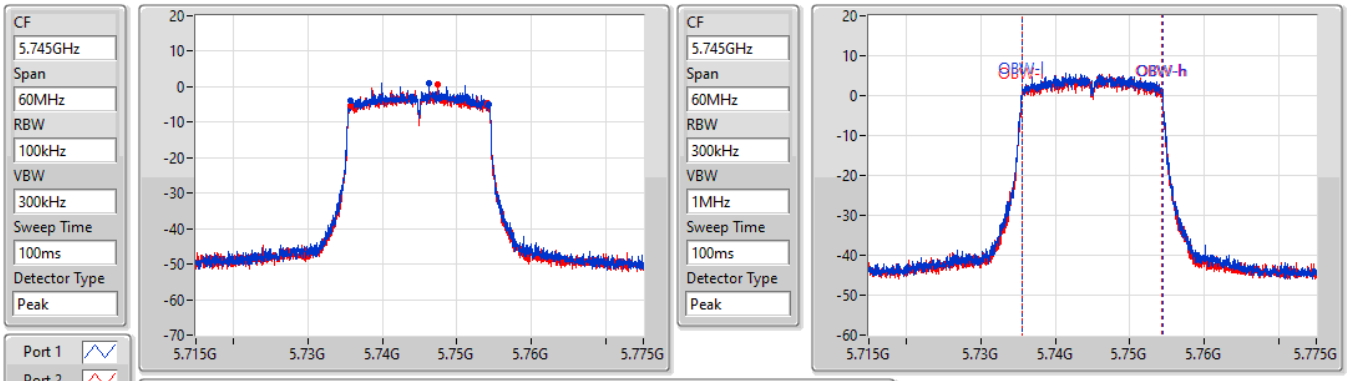


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.22962G	5.25023G	18.861M	5.230495G	5.249355G	Inf	1
20.85M	5.22944G	5.25029G	18.861M	5.230495G	5.249355G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

10/03/2022

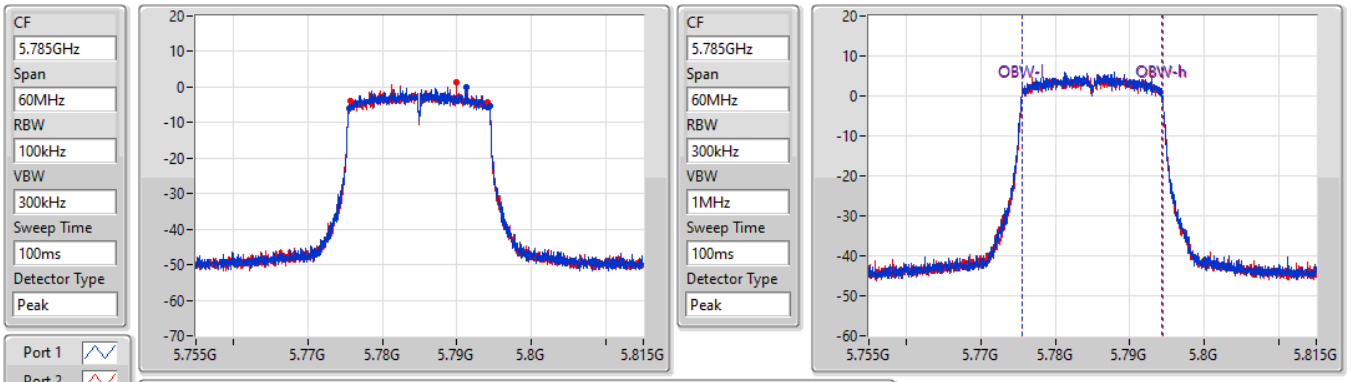


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.73567G	5.75427G	18.891M	5.735495G	5.754385G	500k	1
18.42M	5.7357G	5.75412G	18.861M	5.735495G	5.754355G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

10/03/2022

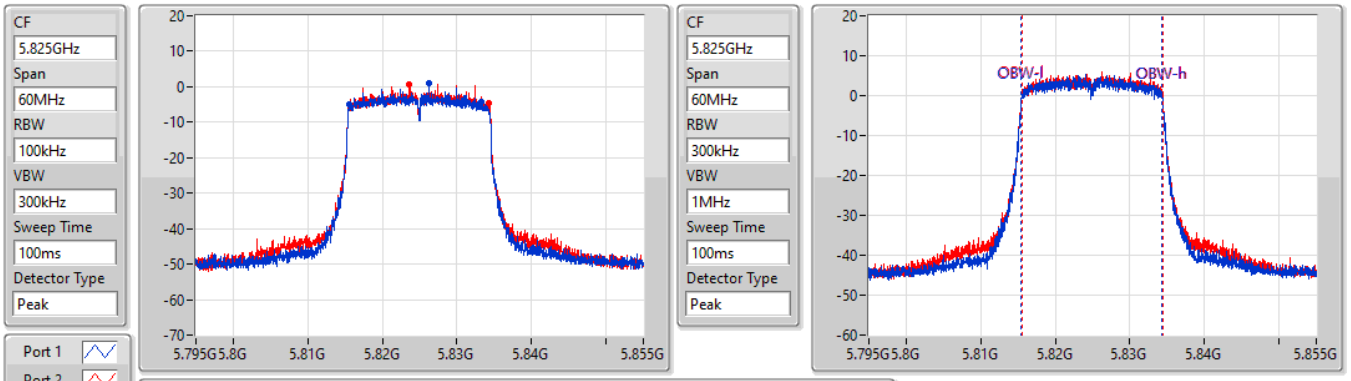


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.77549G	5.79436G	18.861M	5.775495G	5.794355G	500k	1
18.33M	5.77579G	5.79412G	18.891M	5.775495G	5.794385G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

10/03/2022

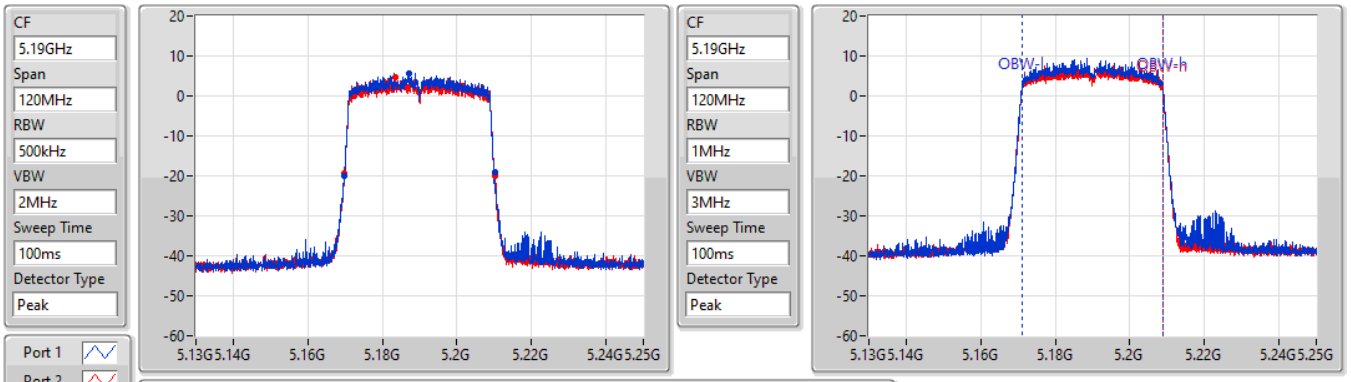


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	5.81555G	5.83325G	18.891M	5.815465G	5.834355G	500k	1
18.63M	5.81561G	5.83424G	18.891M	5.815495G	5.834385G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

10/03/2022

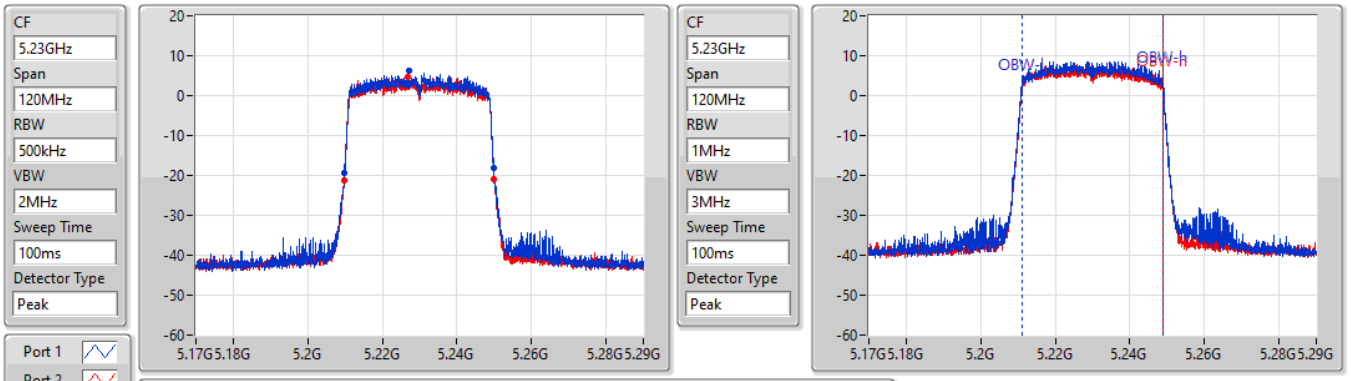


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.16972G	5.21022G	37.721M	5.171049G	5.208771G	Inf	1
40.32M	5.16978G	5.2101G	37.901M	5.17099G	5.208891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

10/03/2022

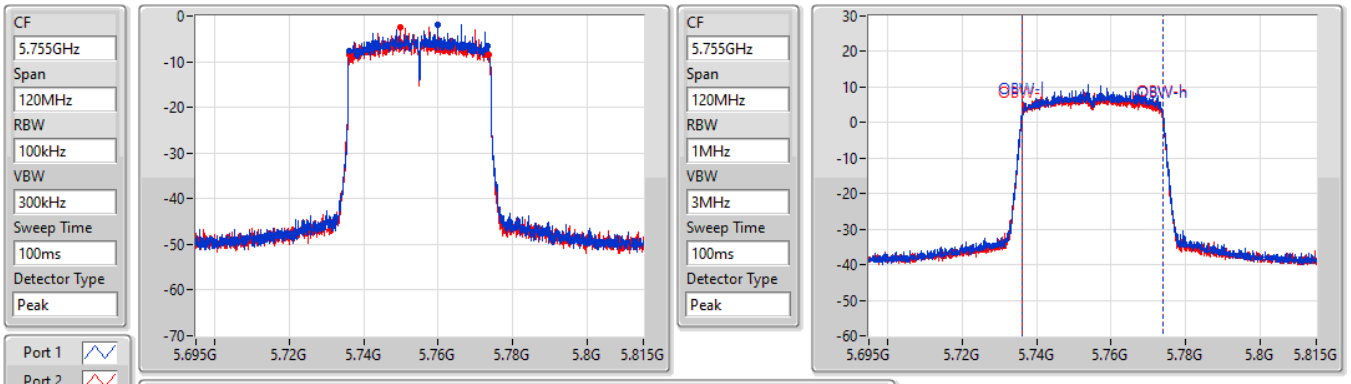


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.20972G	5.24998G	37.781M	5.211049G	5.248831G	Inf	1
40.26M	5.20978G	5.25004G	37.721M	5.211049G	5.248771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

10/03/2022

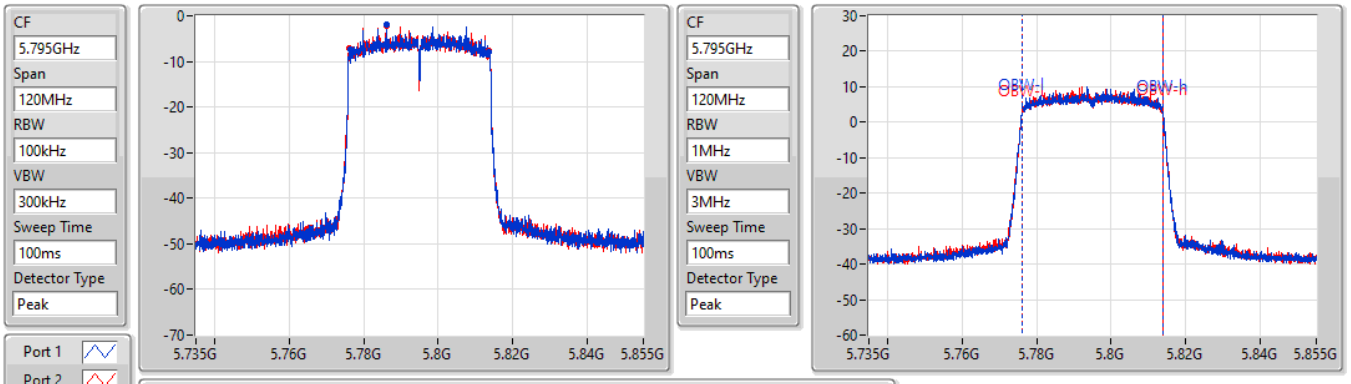


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.32M	5.73604G	5.77336G	37.781M	5.736049G	5.773831G	500k	1
37.56M	5.7361G	5.77366G	37.781M	5.736049G	5.773831G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

10/03/2022

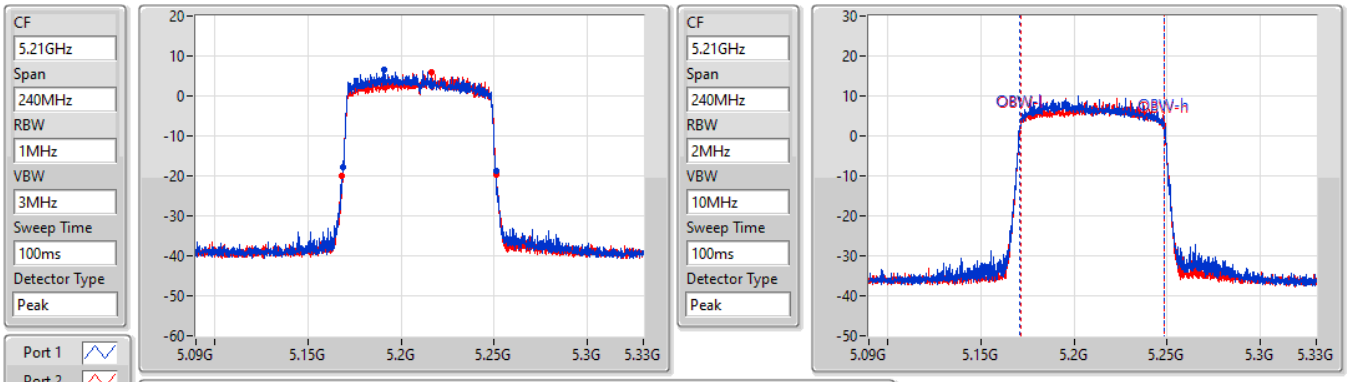


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.08M	5.7764G	5.81348G	37.841M	5.77599G	5.813831G	500k	1
37.2M	5.77628G	5.81348G	37.781M	5.776049G	5.813831G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

10/03/2022

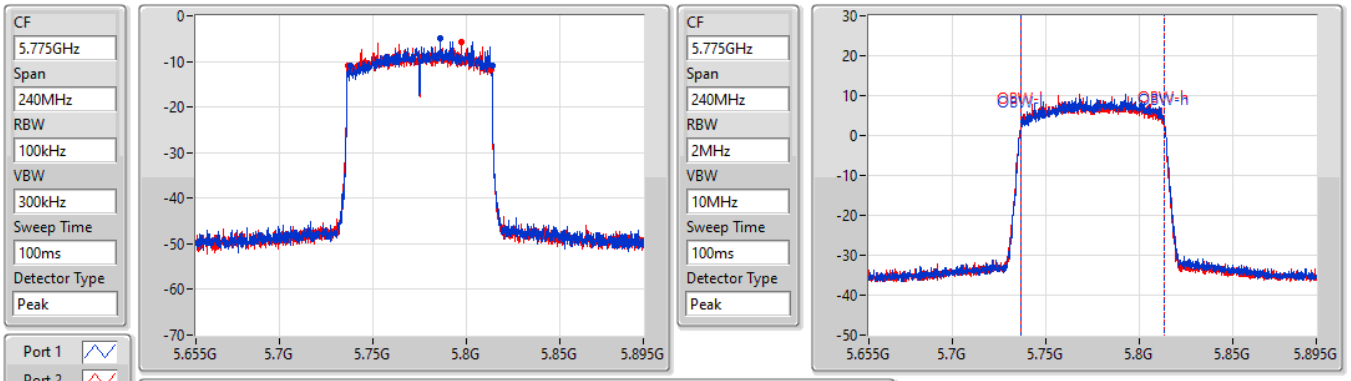


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.16884G	5.25116G	77.361M	5.171139G	5.248501G	Inf	1
82.68M	5.16848G	5.25116G	77.241M	5.171259G	5.248501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

10/03/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.08M	5.7378G	5.81388G	77.001M	5.736619G	5.813621G	500k	1
76.68M	5.73684G	5.81352G	77.241M	5.736379G	5.813621G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11n HT20_Nss1,(MCS0)_2TX	16.03	0.04009
802.11n HT40_Nss1,(MCS0)_2TX	16.24	0.04207
802.11ac VHT20_Nss1,(MCS0)_2TX	16.07	0.04046
802.11ac VHT40_Nss1,(MCS0)_2TX	16.31	0.04276
802.11ac VHT80_Nss1,(MCS0)_2TX	16.28	0.04246
802.11ax HEW20_Nss1,(MCS0)_2TX	16.08	0.04055
802.11ax HEW40_Nss1,(MCS0)_2TX	16.37	0.04335
802.11ax HEW80_Nss1,(MCS0)_2TX	16.35	0.04315
5.725-5.85GHz	-	-
802.11n HT20_Nss1,(MCS0)_2TX	16.36	0.04325
802.11n HT40_Nss1,(MCS0)_2TX	16.32	0.04285
802.11ac VHT20_Nss1,(MCS0)_2TX	16.38	0.04345
802.11ac VHT40_Nss1,(MCS0)_2TX	16.37	0.04335
802.11ac VHT80_Nss1,(MCS0)_2TX	16.11	0.04083
802.11ax HEW20_Nss1,(MCS0)_2TX	16.44	0.04406
802.11ax HEW40_Nss1,(MCS0)_2TX	16.41	0.04375
802.11ax HEW80_Nss1,(MCS0)_2TX	16.17	0.04140

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	-3.00	13.01	13.02	16.03	30.00
5200MHz	Pass	-3.00	13.02	12.75	15.90	30.00
5240MHz	Pass	-3.00	13.04	12.56	15.82	30.00
5745MHz	Pass	-3.00	13.64	13.04	16.36	30.00
5785MHz	Pass	-3.00	13.17	12.65	15.93	30.00
5825MHz	Pass	-3.00	12.76	13.36	16.08	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	-3.00	13.48	12.60	16.07	30.00
5230MHz	Pass	-3.00	13.55	12.88	16.24	30.00
5755MHz	Pass	-3.00	13.17	12.50	15.86	30.00
5795MHz	Pass	-3.00	13.28	13.34	16.32	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	-3.00	13.28	12.82	16.07	30.00
5200MHz	Pass	-3.00	13.17	12.61	15.91	30.00
5240MHz	Pass	-3.00	13.33	12.30	15.86	30.00
5745MHz	Pass	-3.00	13.66	13.05	16.38	30.00
5785MHz	Pass	-3.00	13.19	12.74	15.98	30.00
5825MHz	Pass	-3.00	12.78	13.44	16.13	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	-3.00	13.50	12.61	16.09	30.00
5230MHz	Pass	-3.00	13.61	12.97	16.31	30.00
5755MHz	Pass	-3.00	13.21	12.60	15.93	30.00
5795MHz	Pass	-3.00	13.36	13.36	16.37	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	-3.00	13.50	13.03	16.28	30.00
5775MHz	Pass	-3.00	13.28	12.92	16.11	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	-3.00	13.29	12.84	16.08	30.00
5200MHz	Pass	-3.00	13.18	12.68	15.95	30.00
5240MHz	Pass	-3.00	13.40	12.39	15.93	30.00
5745MHz	Pass	-3.00	13.71	13.13	16.44	30.00
5785MHz	Pass	-3.00	13.27	12.82	16.06	30.00
5825MHz	Pass	-3.00	12.82	13.53	16.20	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	-3.00	13.51	12.63	16.10	30.00
5230MHz	Pass	-3.00	13.67	13.02	16.37	30.00
5755MHz	Pass	-3.00	13.30	12.62	15.98	30.00
5795MHz	Pass	-3.00	13.39	13.41	16.41	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	-3.00	13.55	13.12	16.35	30.00
5775MHz	Pass	-3.00	13.34	12.97	16.17	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11n HT20_Nss1,(MCS0)_2TX	3.17
802.11n HT40_Nss1,(MCS0)_2TX	0.58
802.11ac VHT20_Nss1,(MCS0)_2TX	3.18
802.11ac VHT40_Nss1,(MCS0)_2TX	0.68
802.11ac VHT80_Nss1,(MCS0)_2TX	-2.82
802.11ax HEW20_Nss1,(MCS0)_2TX	2.96
802.11ax HEW40_Nss1,(MCS0)_2TX	0.34
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.82
5.725-5.85GHz	-
802.11n HT20_Nss1,(MCS0)_2TX	1.91
802.11n HT40_Nss1,(MCS0)_2TX	-0.70
802.11ac VHT20_Nss1,(MCS0)_2TX	1.93
802.11ac VHT40_Nss1,(MCS0)_2TX	-0.83
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.53
802.11ax HEW20_Nss1,(MCS0)_2TX	0.66
802.11ax HEW40_Nss1,(MCS0)_2TX	-2.18
802.11ax HEW80_Nss1,(MCS0)_2TX	-5.33

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

Result

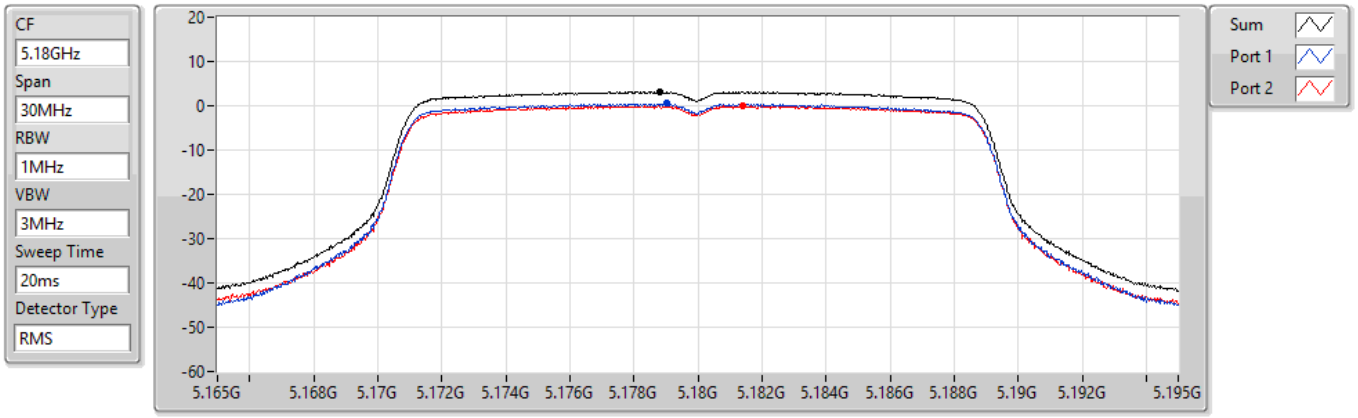
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	-0.61	0.47	0.03	3.17	17.00
5200MHz	Pass	-0.61	0.42	-0.35	2.95	17.00
5240MHz	Pass	-0.61	0.29	-0.01	3.03	17.00
5745MHz	Pass	-0.61	-0.68	-1.82	1.73	30.00
5785MHz	Pass	-0.61	-0.67	-1.35	1.91	30.00
5825MHz	Pass	-0.61	-1.44	-1.03	1.60	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	-0.61	-2.07	-2.87	0.55	17.00
5230MHz	Pass	-0.61	-2.11	-2.61	0.58	17.00
5755MHz	Pass	-0.61	-3.30	-4.11	-0.72	30.00
5795MHz	Pass	-0.61	-3.26	-3.86	-0.70	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	-0.61	0.50	0.01	3.18	17.00
5200MHz	Pass	-0.61	0.44	-0.25	3.02	17.00
5240MHz	Pass	-0.61	0.28	-0.01	3.07	17.00
5745MHz	Pass	-0.61	-0.61	-1.88	1.76	30.00
5785MHz	Pass	-0.61	-0.62	-1.39	1.93	30.00
5825MHz	Pass	-0.61	-1.39	-1.06	1.74	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	-0.61	-2.02	-2.88	0.54	17.00
5230MHz	Pass	-0.61	-2.07	-2.43	0.68	17.00
5755MHz	Pass	-0.61	-3.24	-4.20	-0.83	30.00
5795MHz	Pass	-0.61	-3.90	-4.28	-1.21	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	-0.61	-5.49	-5.96	-2.82	17.00
5775MHz	Pass	-0.61	-7.01	-7.86	-4.53	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	-0.61	0.29	-0.32	2.96	17.00
5200MHz	Pass	-0.61	0.07	-0.46	2.81	17.00
5240MHz	Pass	-0.61	0.33	-0.75	2.81	17.00
5745MHz	Pass	-0.61	-2.31	-2.90	0.38	30.00
5785MHz	Pass	-0.61	-2.24	-2.39	0.66	30.00
5825MHz	Pass	-0.61	-2.88	-2.37	0.30	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	-0.61	-2.43	-3.44	0.08	17.00
5230MHz	Pass	-0.61	-2.24	-3.06	0.34	17.00
5755MHz	Pass	-0.61	-5.01	-5.82	-2.47	30.00
5795MHz	Pass	-0.61	-5.20	-5.07	-2.18	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	-0.61	-5.26	-5.94	-2.82	17.00
5775MHz	Pass	-0.61	-8.04	-8.60	-5.33	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;

802.11n HT20_Nss1,(MCS0)_2TX PSD

5180MHz

13/04/2022

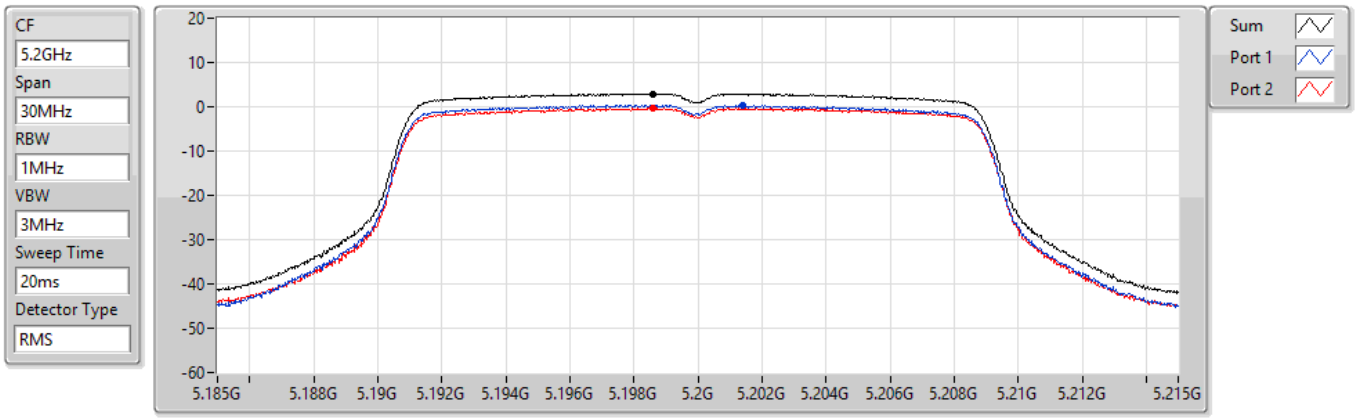


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.17	3.17	0.47	0.03

802.11n HT20_Nss1,(MCS0)_2TX PSD

5200MHz

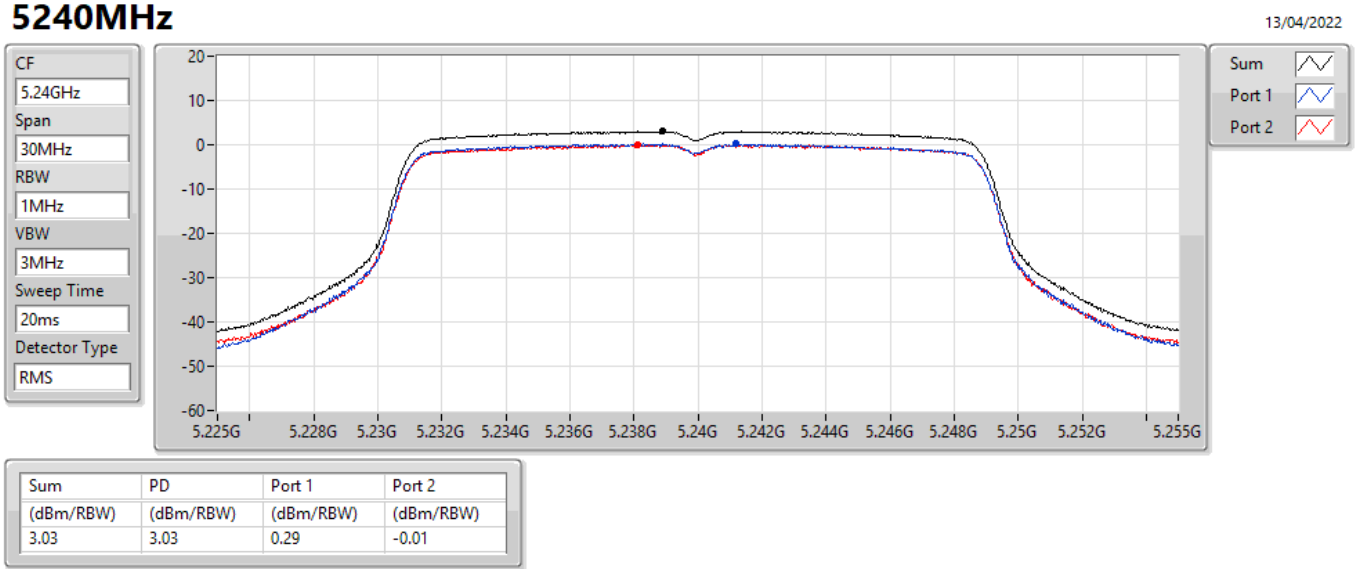
13/04/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.95	2.95	0.42	-0.35

802.11n HT20_Nss1,(MCS0)_2TX PSD

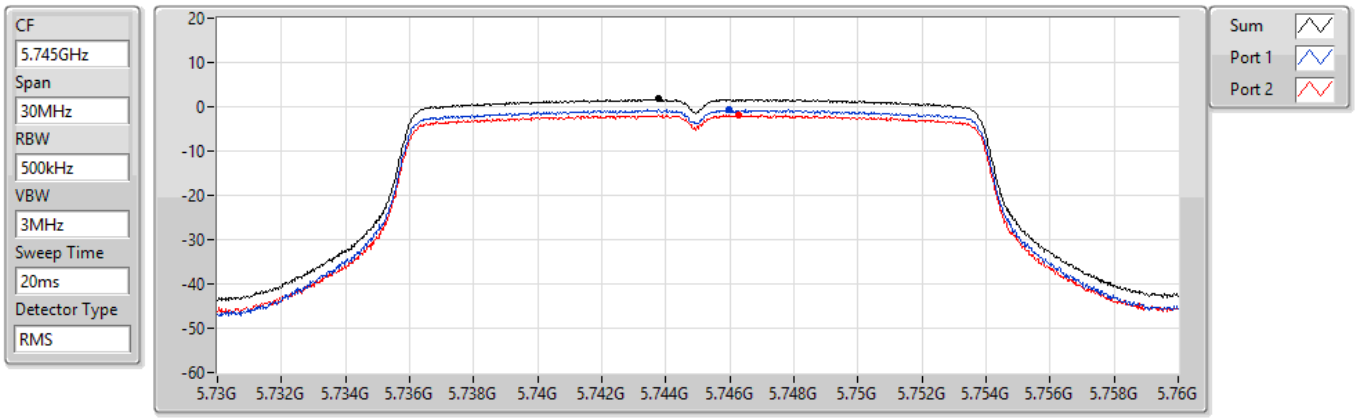
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.03	3.03	0.29	-0.01

802.11n HT20_Nss1,(MCS0)_2TX PSD

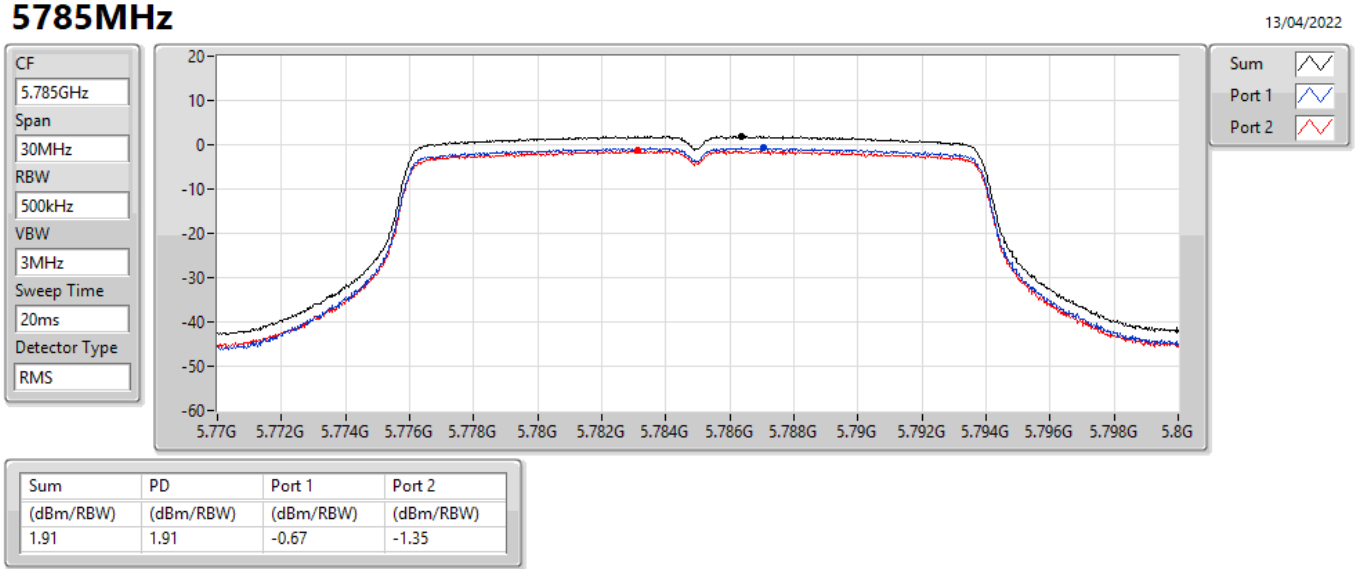
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.73	1.73	-0.68	-1.82

802.11n HT20_Nss1,(MCS0)_2TX PSD

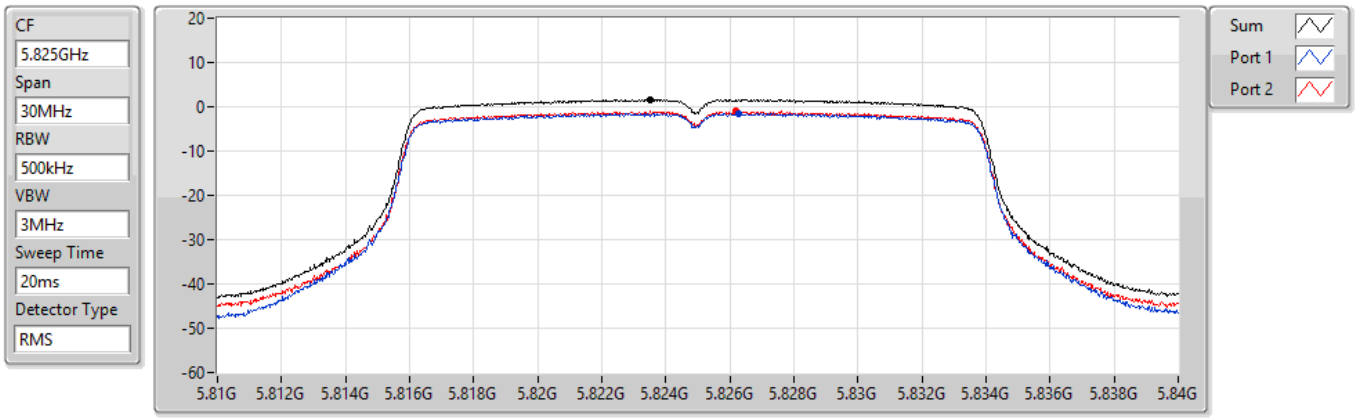
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.91	1.91	-0.67	-1.35

802.11n HT20_Nss1,(MCS0)_2TX PSD

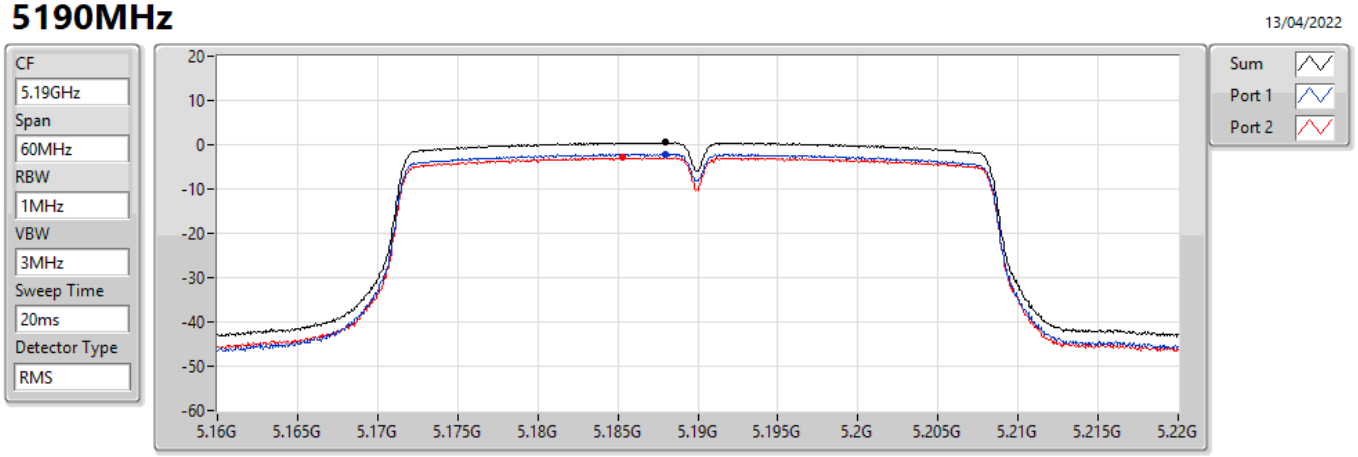
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.60	1.60	-1.44	-1.03

802.11n HT40_Nss1,(MCS0)_2TX PSD

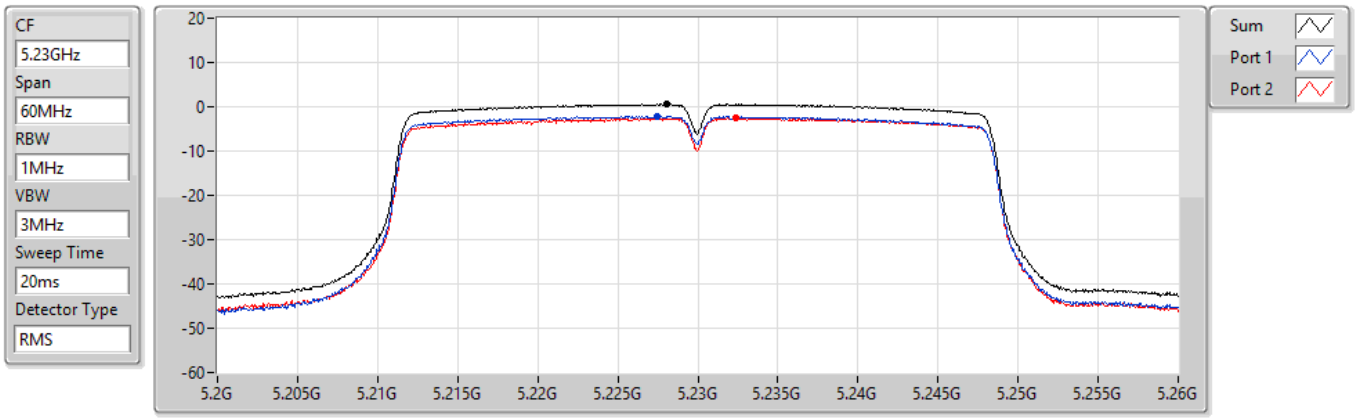
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.55	0.55	-2.07	-2.87

802.11n HT40_Nss1,(MCS0)_2TX PSD

5230MHz

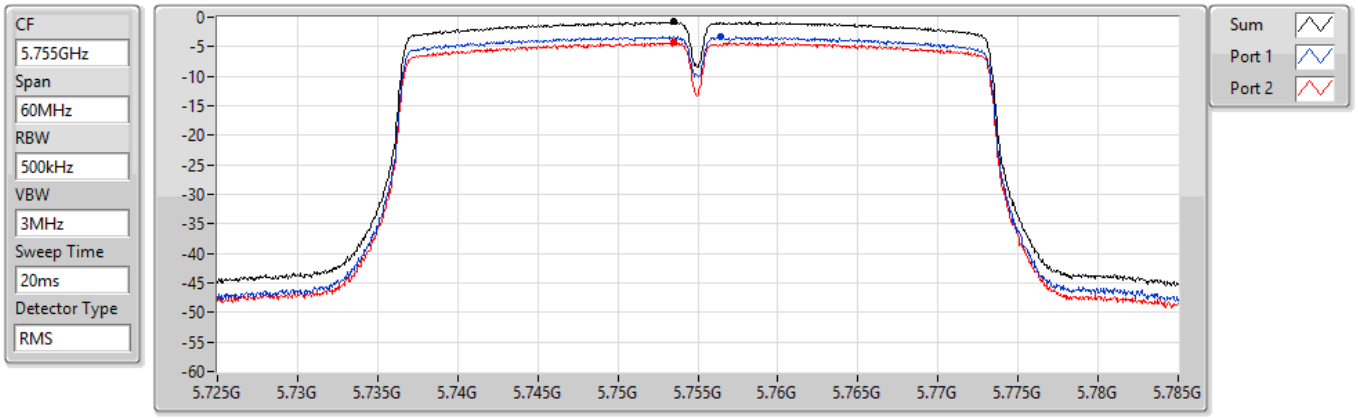


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.58	0.58	-2.11	-2.61

802.11n HT40_Nss1,(MCS0)_2TX PSD

5755MHz

13/04/2022

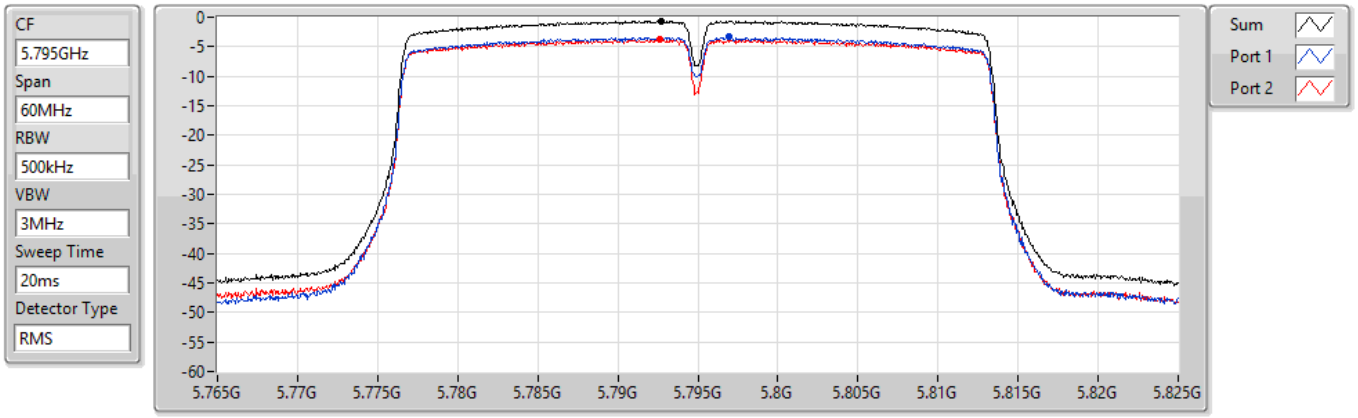


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-3.30	-4.11

802.11n HT40_Nss1,(MCS0)_2TX PSD

5795MHz

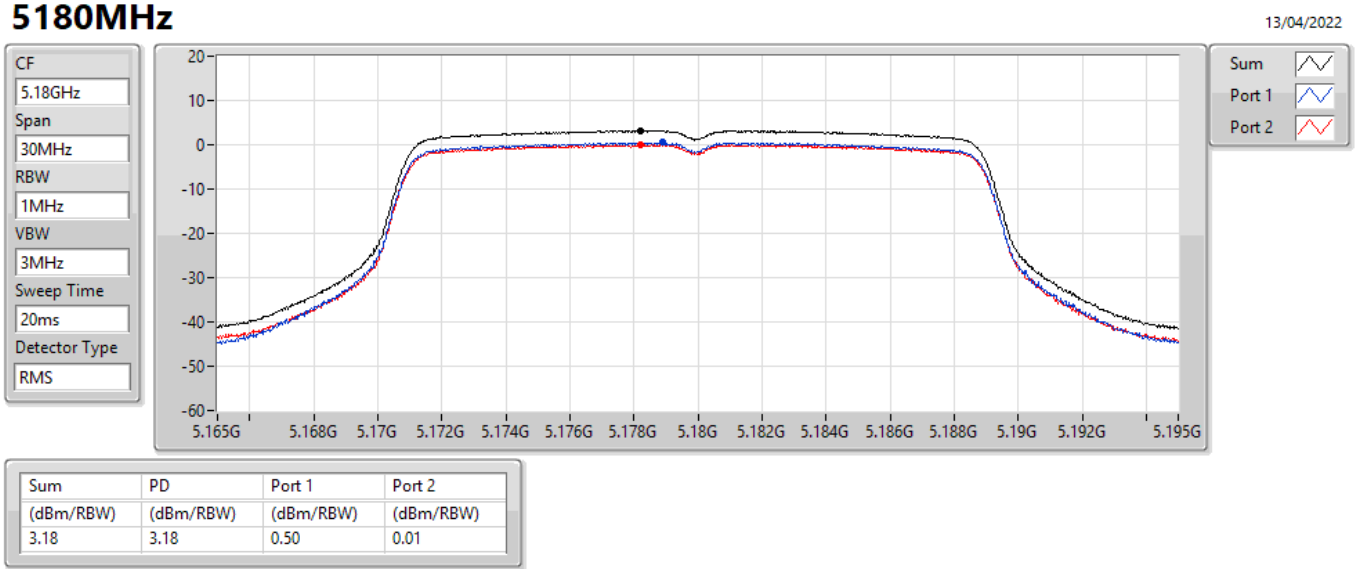
13/04/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.70	-0.70	-3.26	-3.86

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

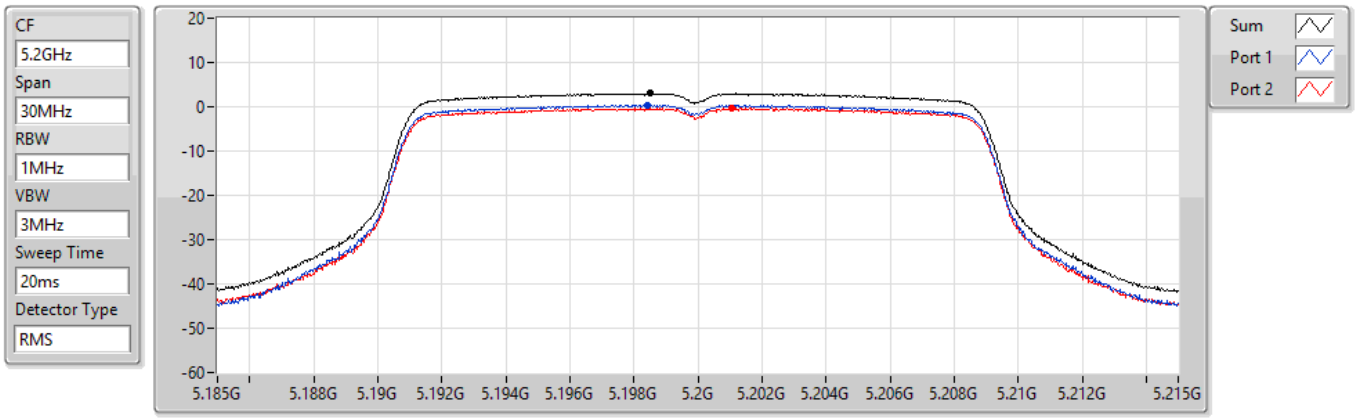
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.18	3.18	0.50	0.01

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

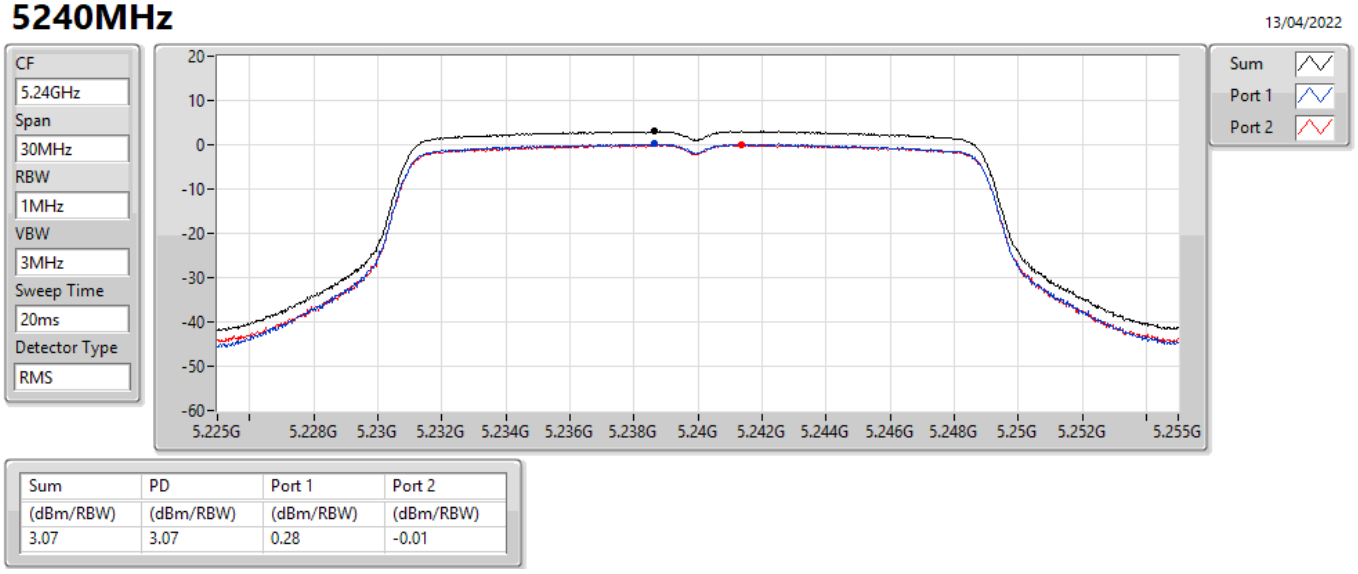
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	0.44	-0.25

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

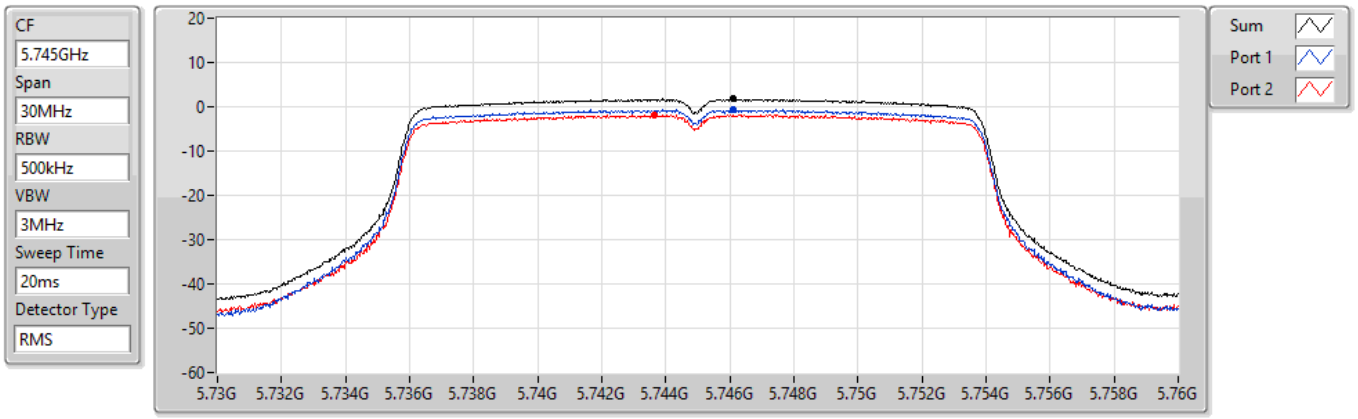
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.07	3.07	0.28	-0.01

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

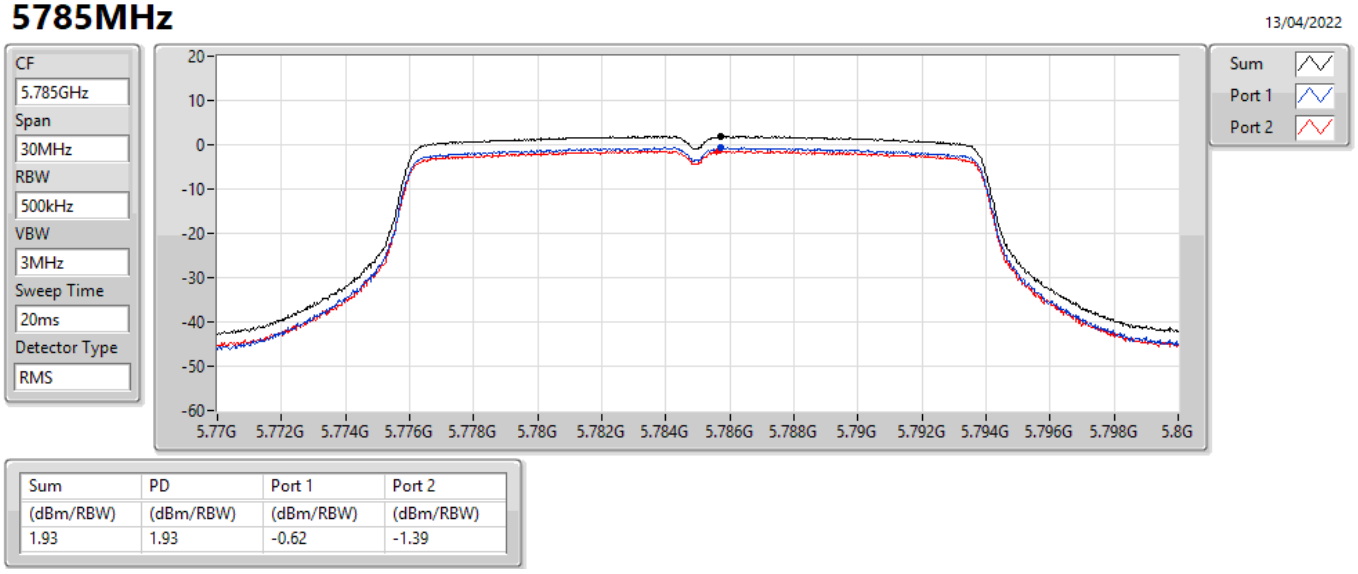
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.76	1.76	-0.61	-1.88

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

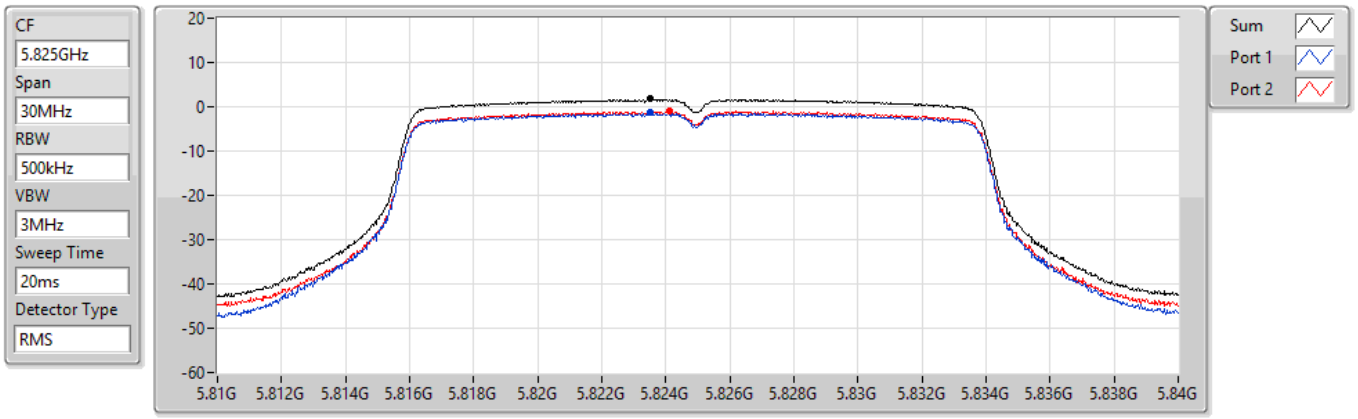
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.93	1.93	-0.62	-1.39

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

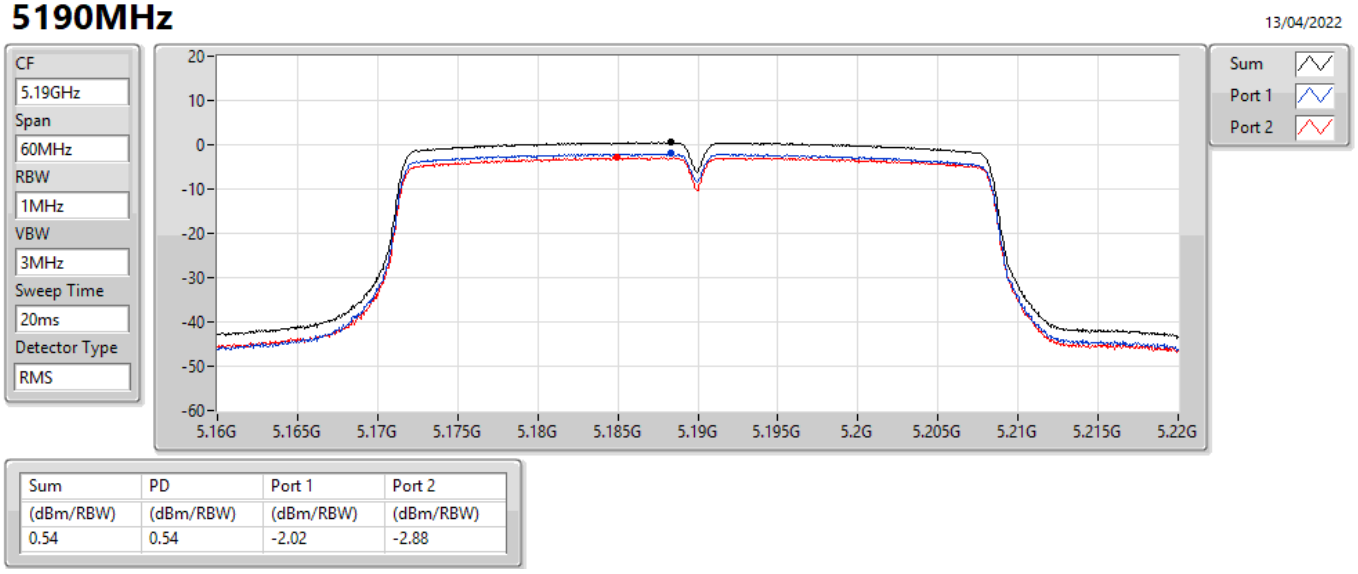
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74	-1.39	-1.06

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

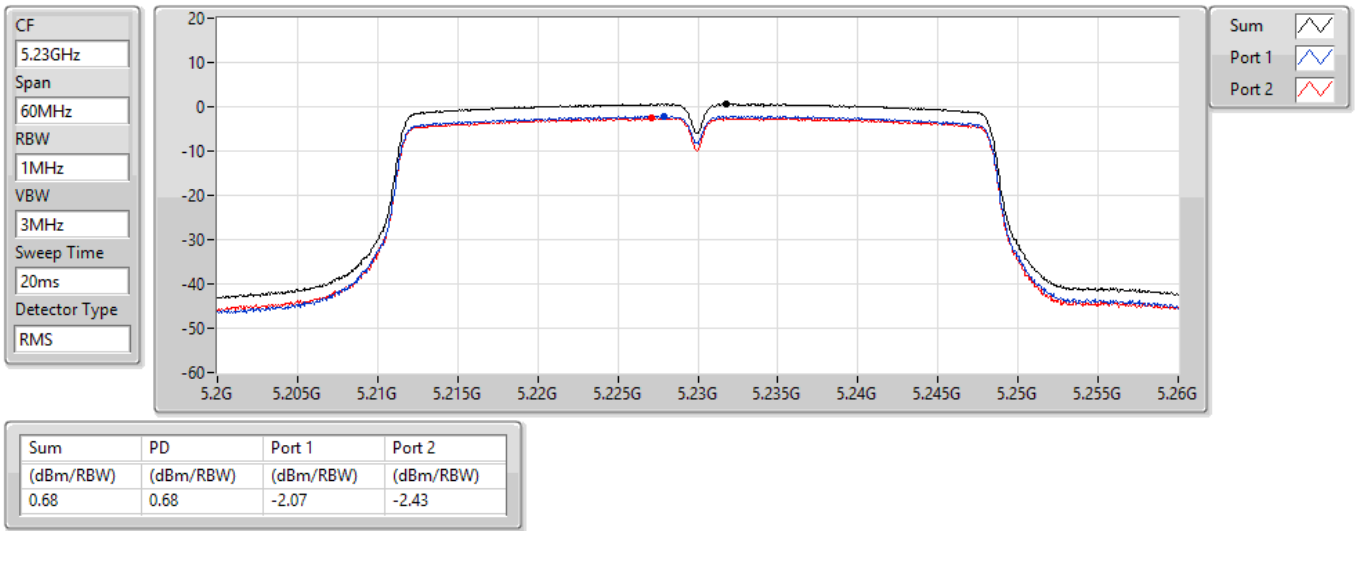
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.54	0.54	-2.02	-2.88

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

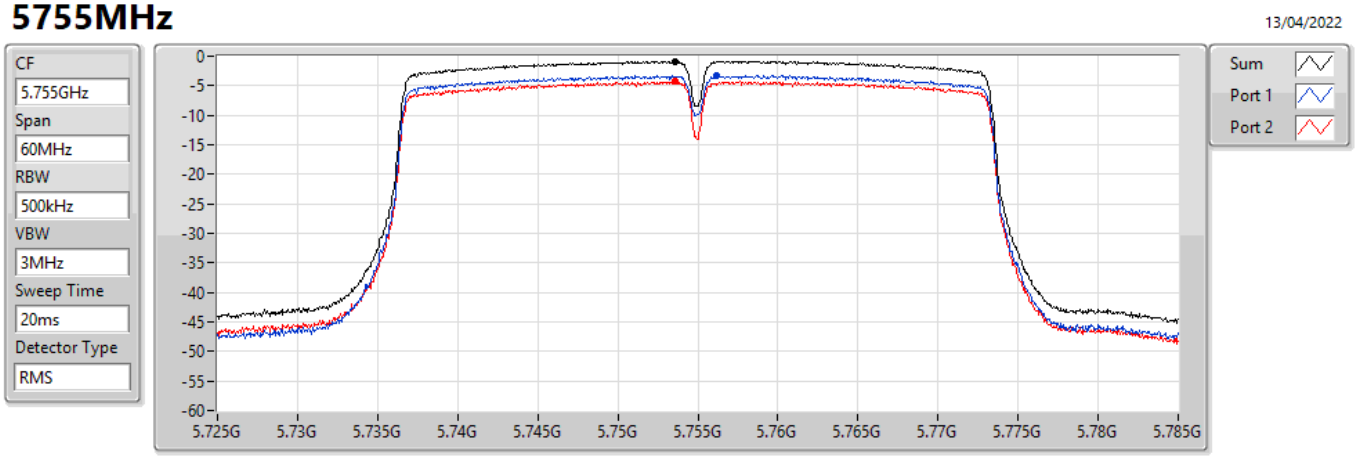
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.68	0.68	-2.07	-2.43

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

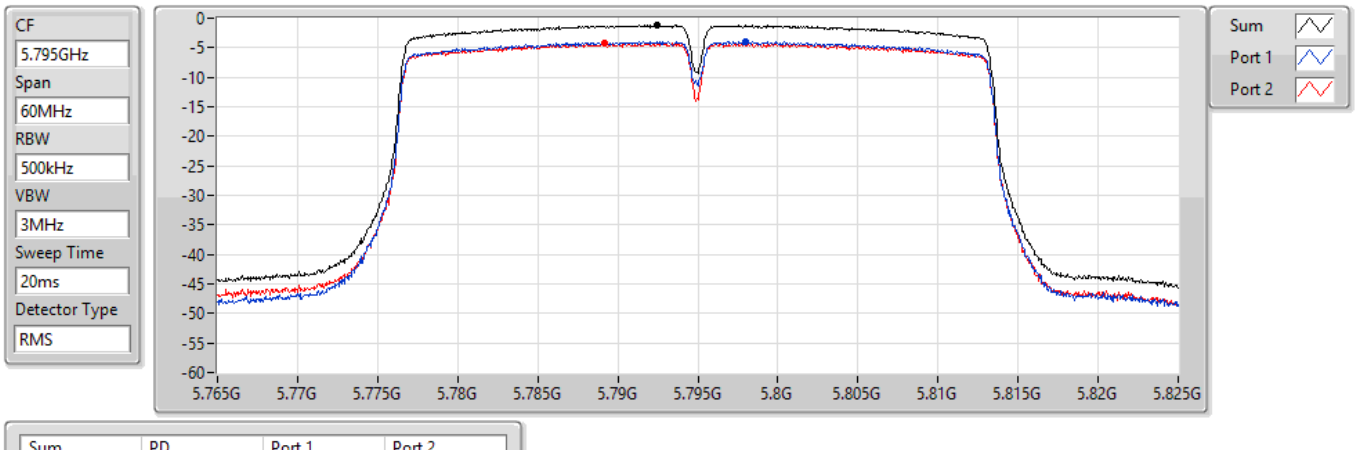
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.83	-0.83	-3.24	-4.20

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

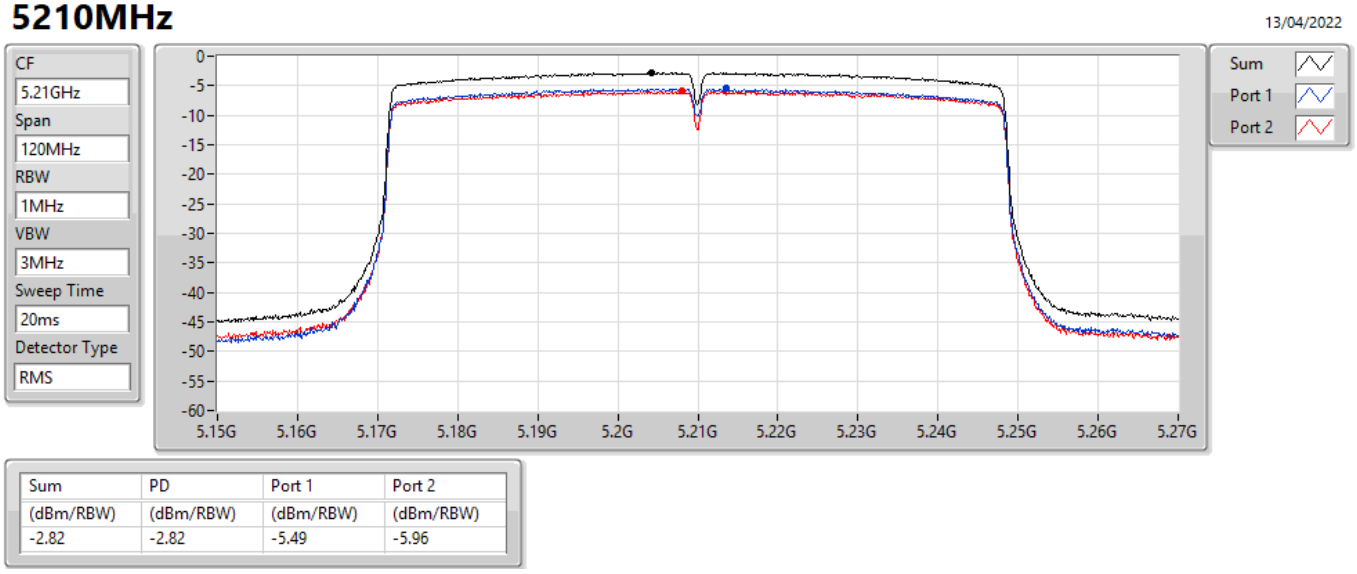
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.21	-1.21	-3.90	-4.28

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

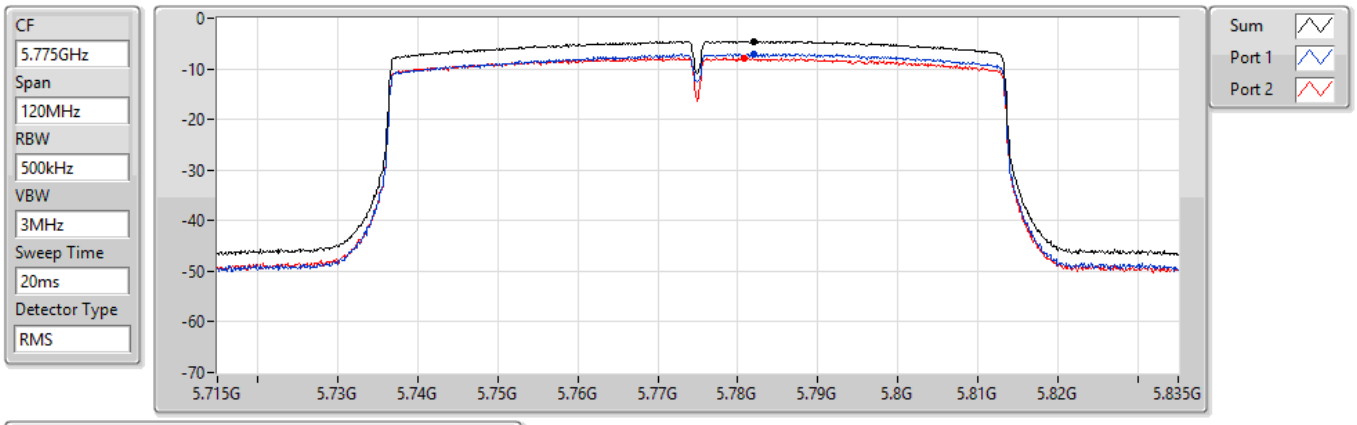
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.82	-2.82	-5.49	-5.96

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

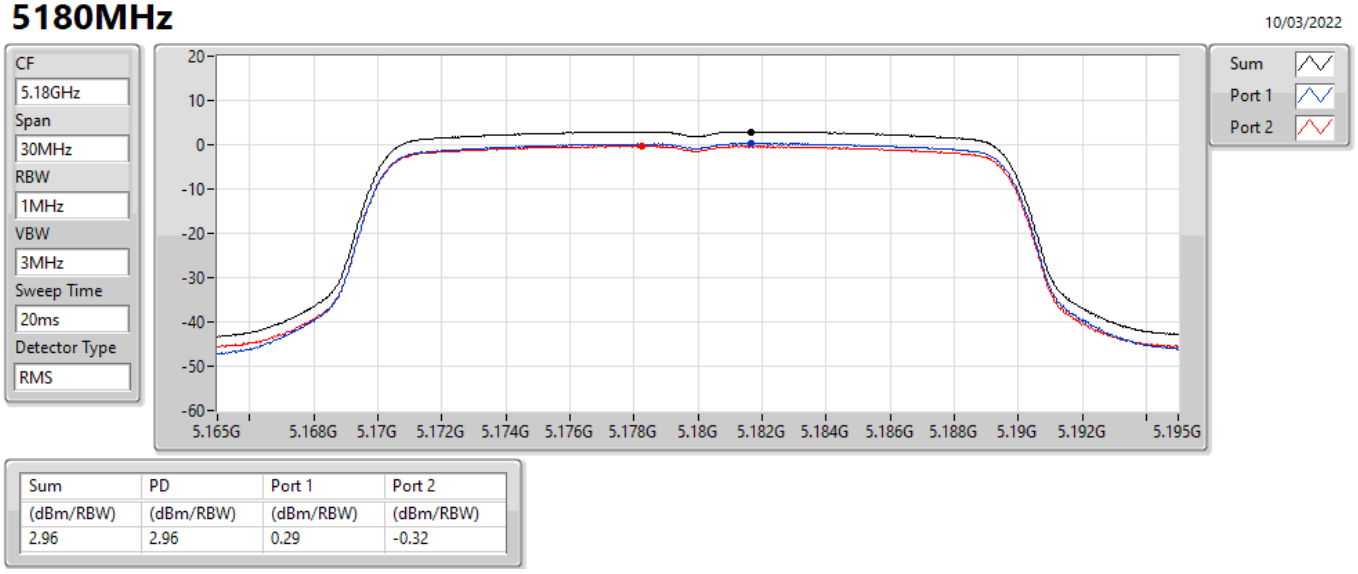
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.53	-4.53	-7.01	-7.86

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

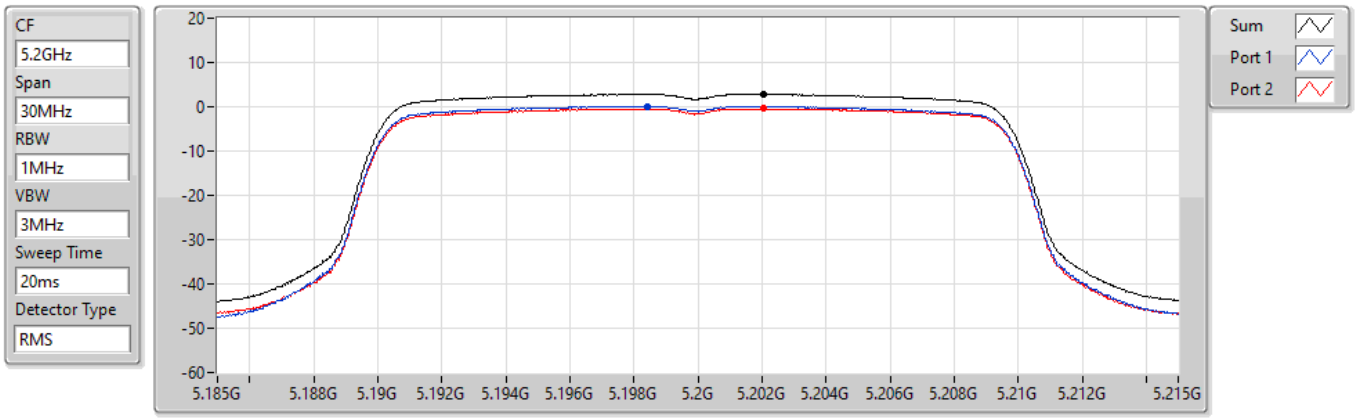
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.96	2.96	0.29	-0.32

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

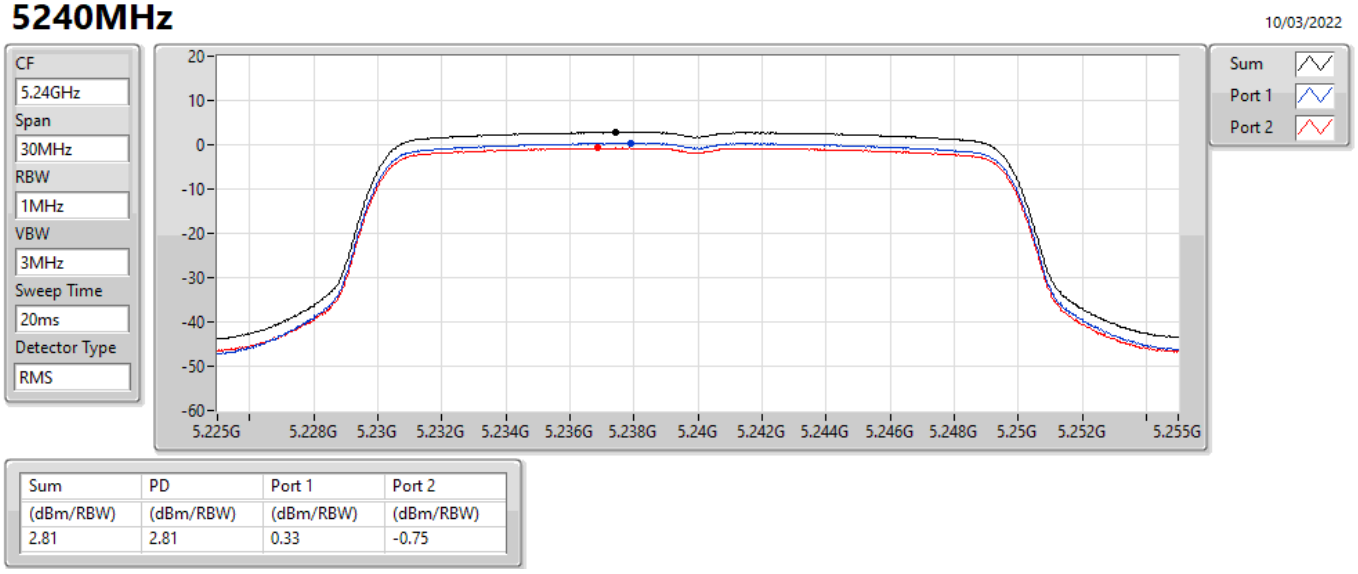
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	0.07	-0.46

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

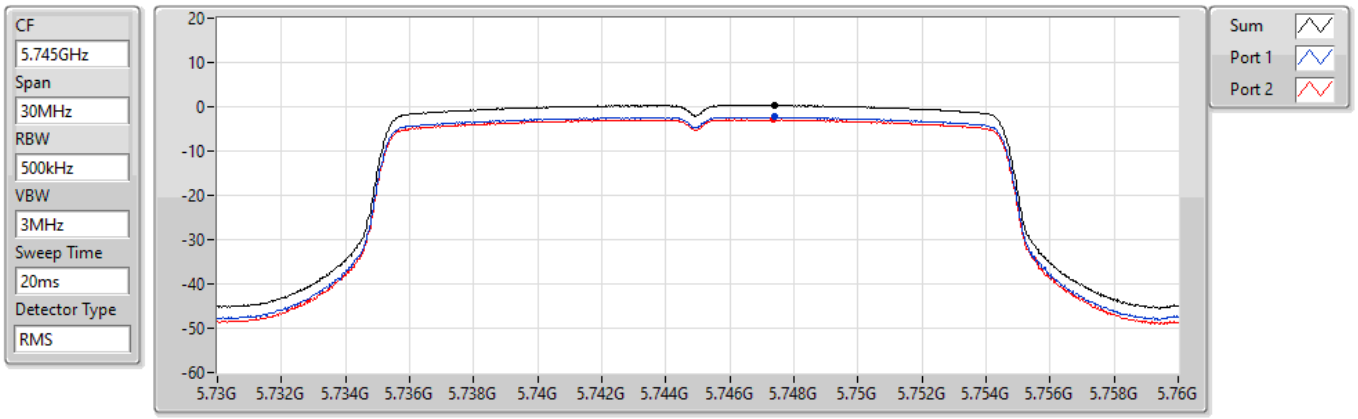
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	0.33	-0.75

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

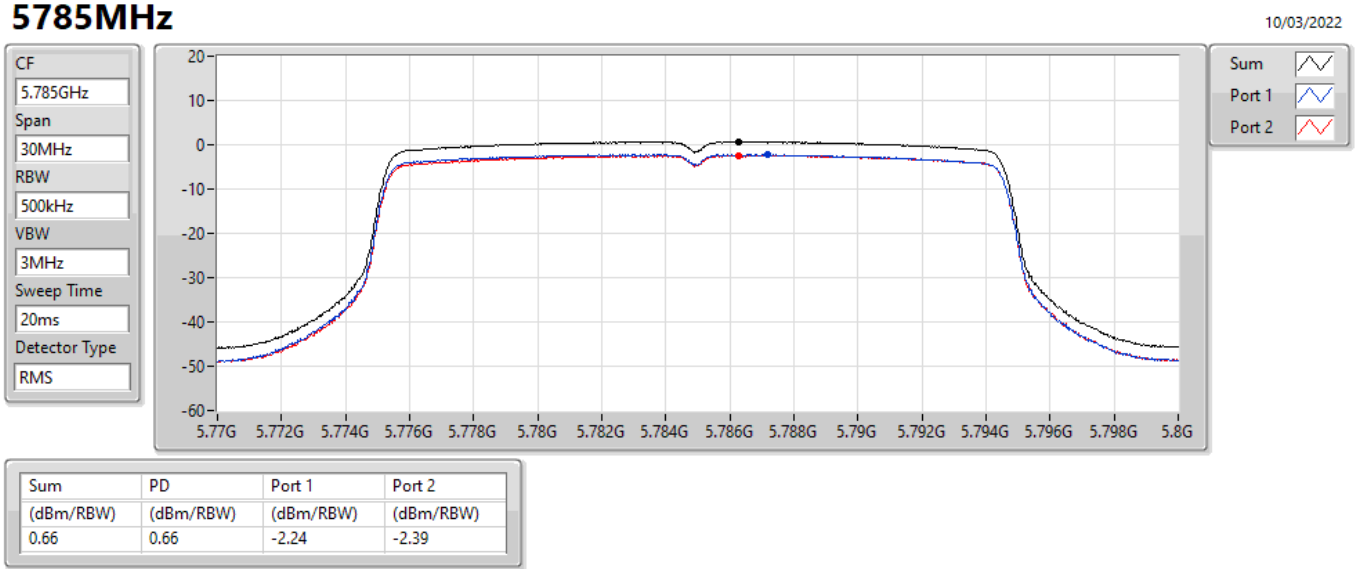
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.38	0.38	-2.31	-2.90

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

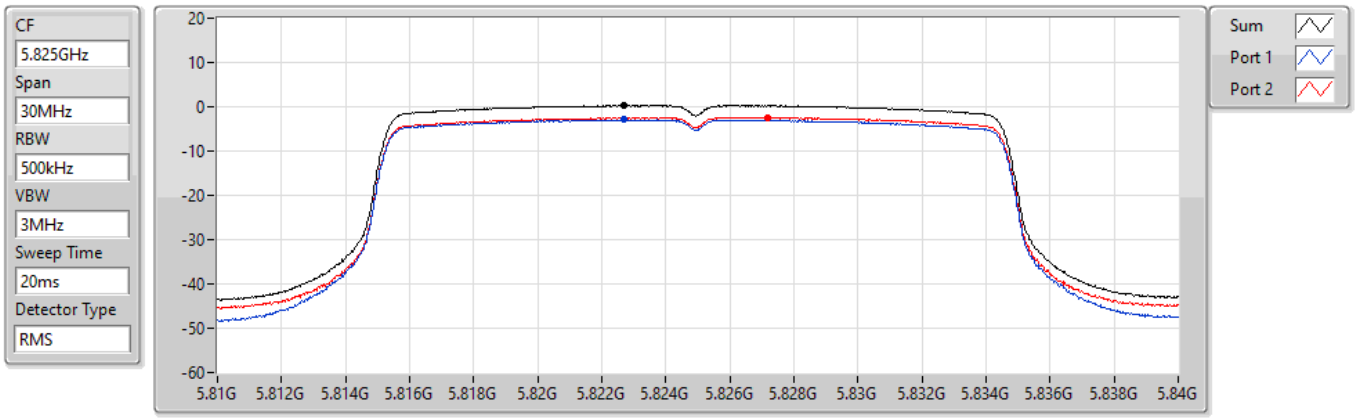
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.66	0.66	-2.24	-2.39

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

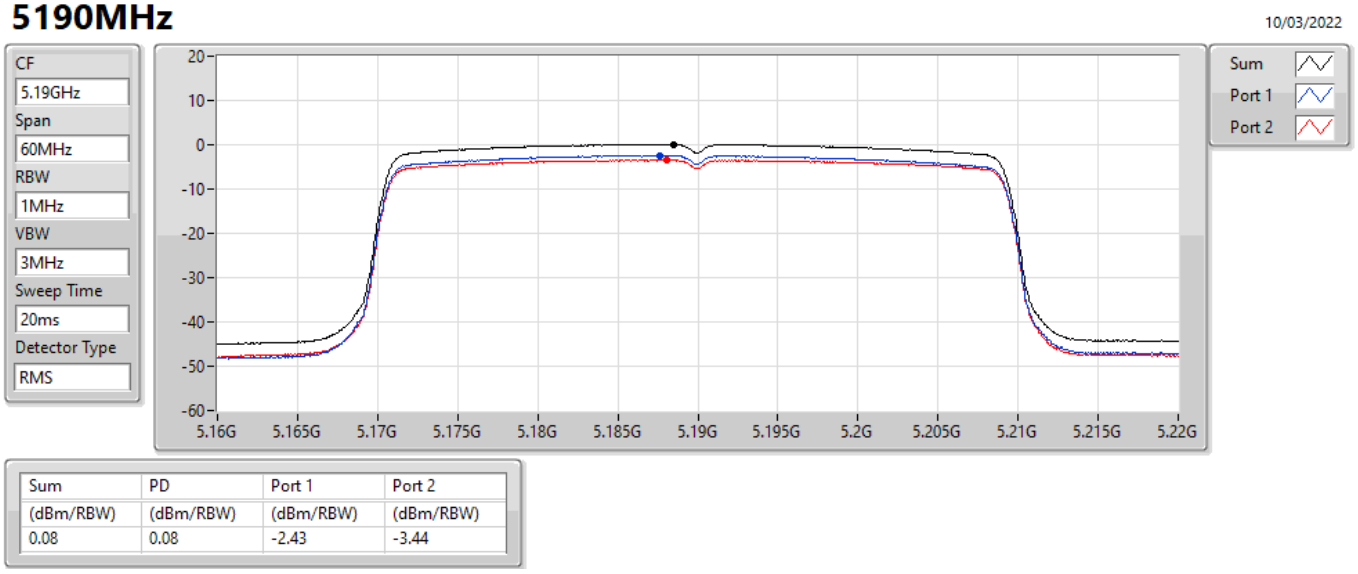
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.30	0.30	-2.88	-2.37

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

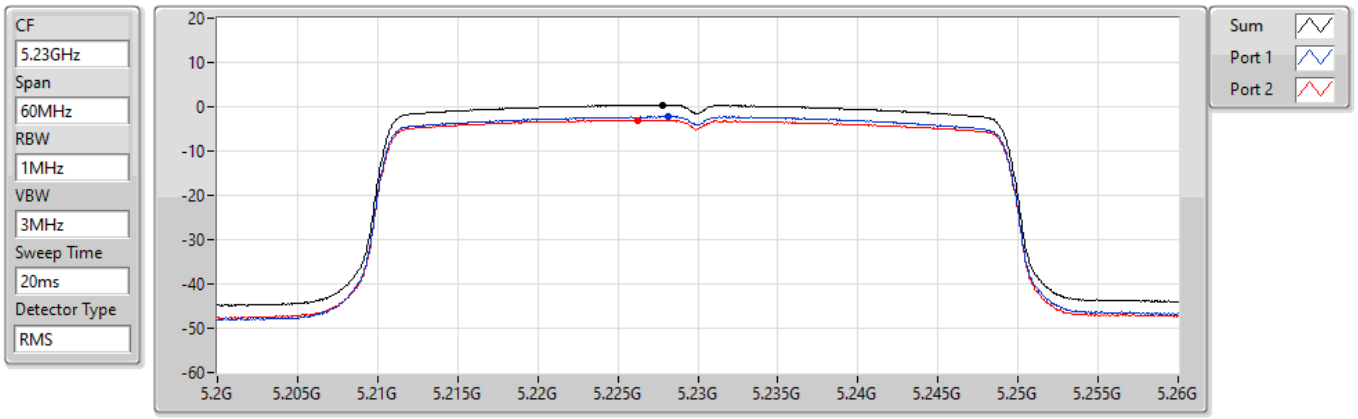
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.08	0.08	-2.43	-3.44

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

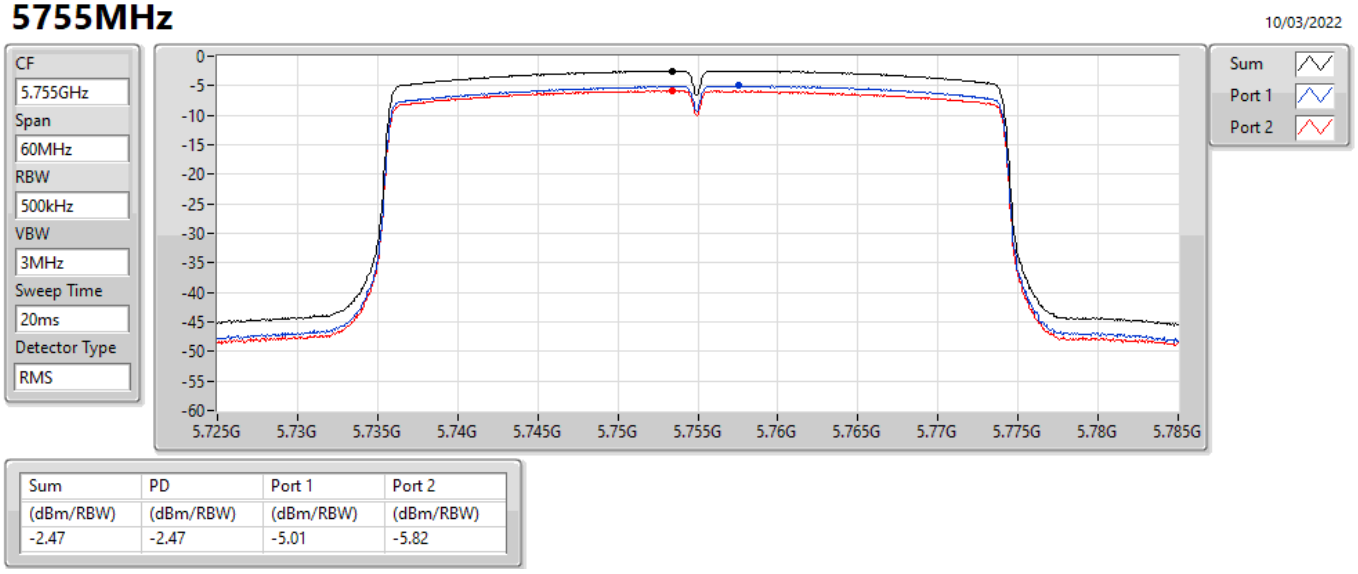
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.34	0.34	-2.24	-3.06

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

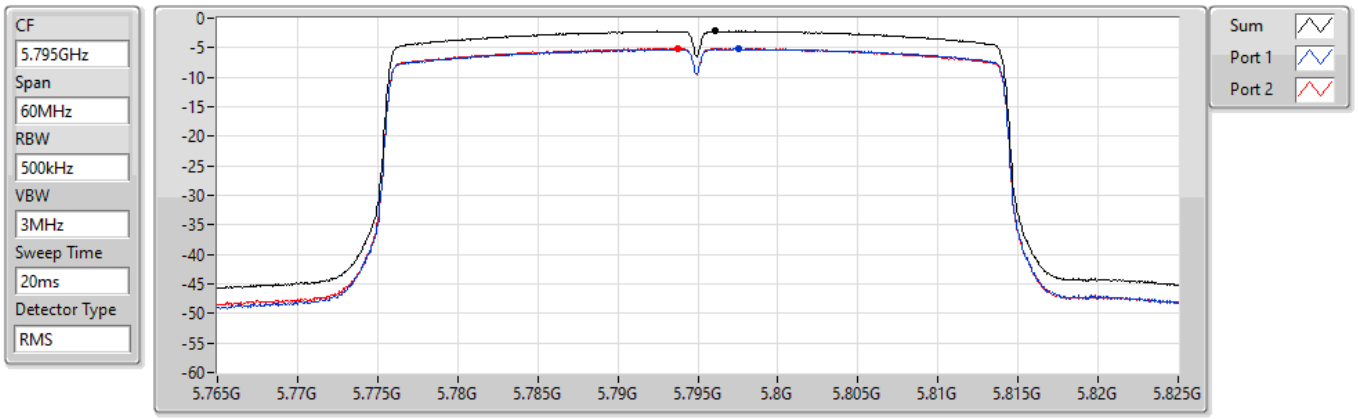
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.47	-2.47	-5.01	-5.82

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

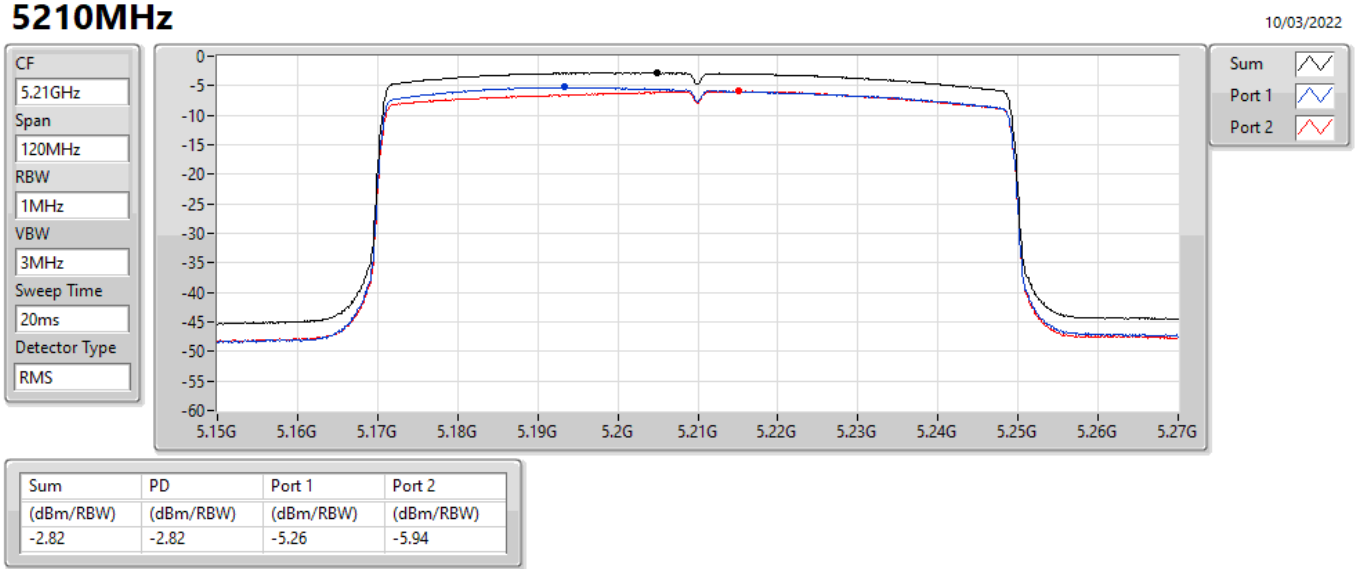
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.18	-2.18	-5.20	-5.07

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

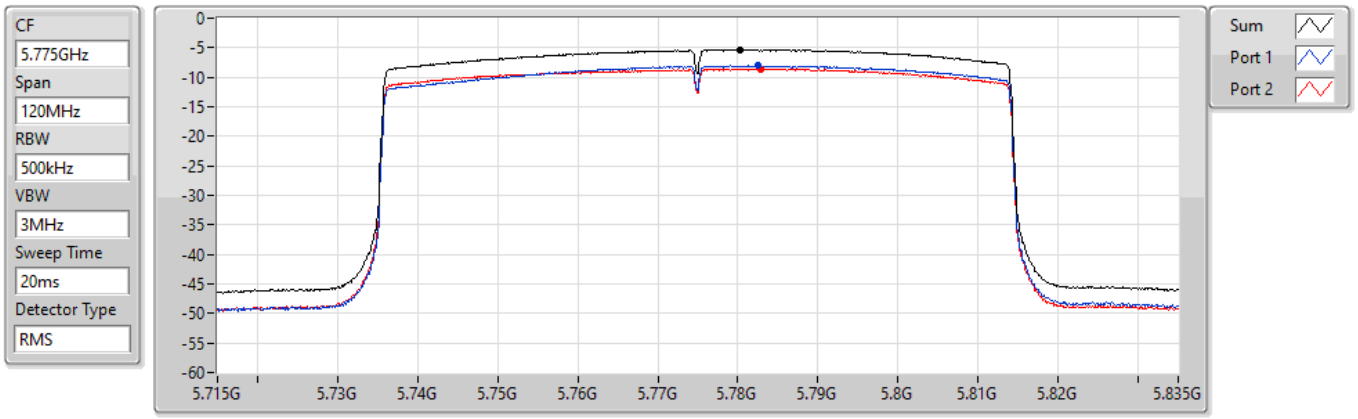
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.82	-2.82	-5.26	-5.94

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz

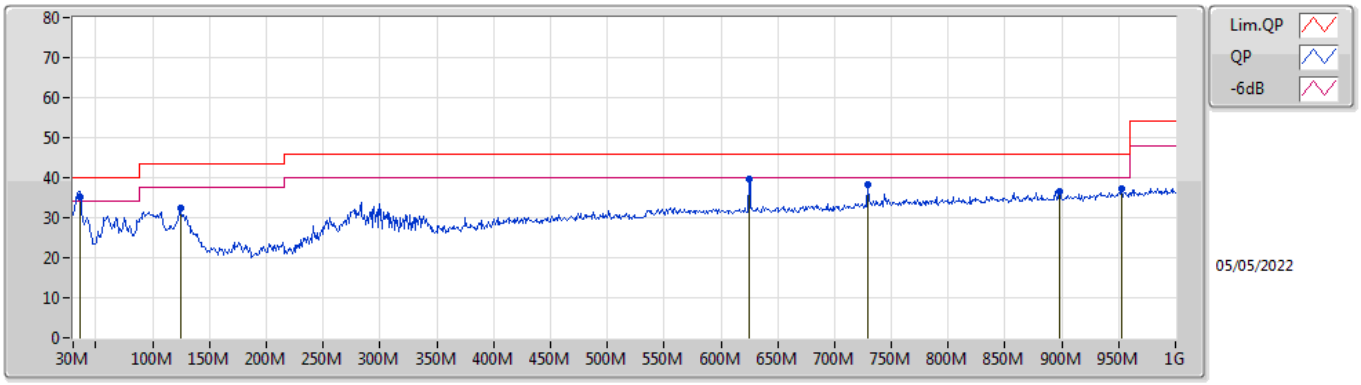


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.33	-5.33	-8.04	-8.60

Summary

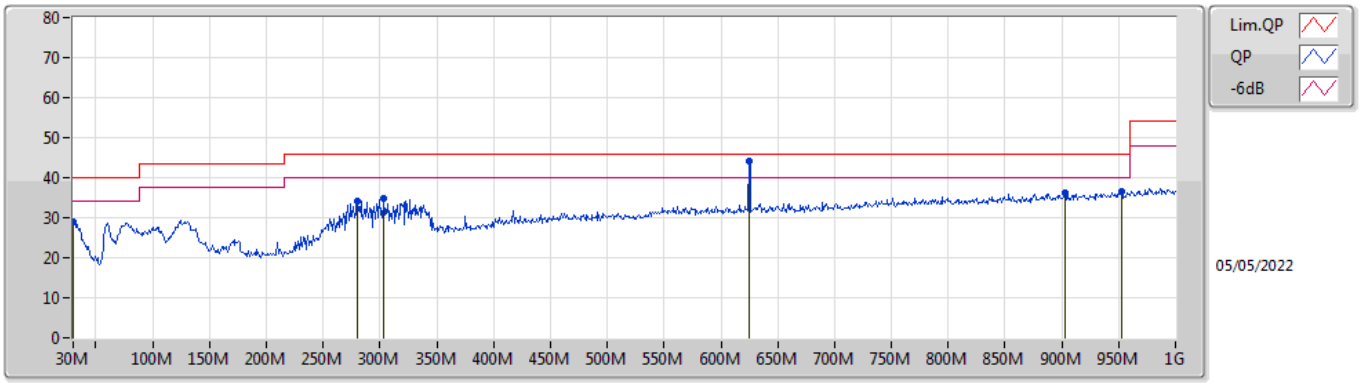
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	624.61M	44.15	46.00	-1.85	Horizontal

Mode 3



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)
QP	35.82M	35.17	40.00	-4.83	-9.88	3	Vertical	237	1.00	"Worst"	45.05	20.92	0.90	31.70
PK	124.09M	32.47	43.50	-11.03	-12.41	3	Vertical	254	1.00	-	44.88	17.93	1.64	31.98
PK	624.61M	39.49	46.00	-6.51	-3.90	3	Vertical	128	1.00	-	43.39	24.51	4.10	32.51
PK	729.37M	38.38	46.00	-7.62	-3.02	3	Vertical	277	2.00	-	41.40	24.95	4.62	32.59
PK	898.15M	36.56	46.00	-9.44	-1.00	3	Vertical	51	1.25	-	37.56	26.20	5.29	32.49
PK	952.47M	37.07	46.00	-8.93	-0.34	3	Vertical	60	1.25	-	37.41	26.53	5.60	32.47

Mode 3



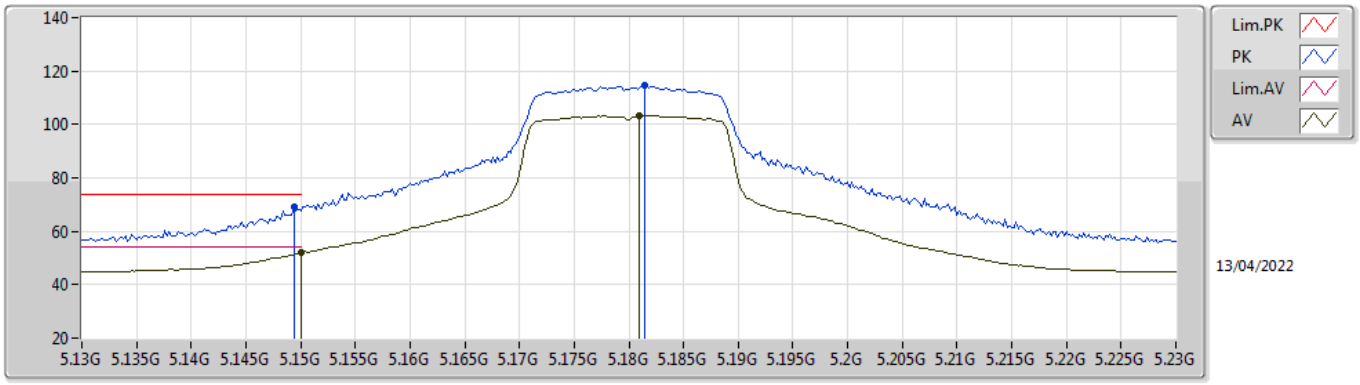
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	28.97	40.00	-11.03	-6.76	3	Horizontal	90	2.00	-	35.73	23.99	0.80	31.55
PK	280.26M	34.25	46.00	-11.75	-10.76	3	Horizontal	243	1.25	-	45.01	18.69	2.62	32.07
PK	303.54M	34.93	46.00	-11.07	-10.18	3	Horizontal	125	1.00	-	45.11	19.21	2.72	32.11
QP	624.61M	44.15	46.00	-1.85	-3.90	3	Horizontal	180	1.25	"Worst"	48.05	24.51	4.10	32.51
PK	903M	36.36	46.00	-9.64	-0.97	3	Horizontal	187	2.00	-	37.33	26.20	5.32	32.49
PK	952.47M	36.48	46.00	-9.52	-0.34	3	Horizontal	214	1.50	-	36.82	26.53	5.60	32.47

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.639G	68.13	68.20	-0.07	3	Vertical	113	1.97	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

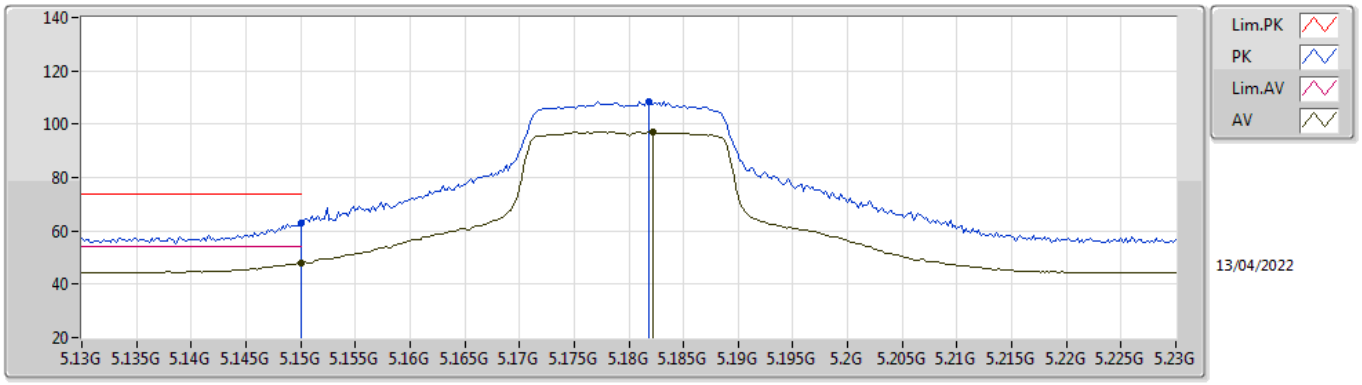


EUT X_2TX
Setting 17.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	69.13	74.00	-4.87	63.88	3	Vertical	67	2.16	-	31.70	5.53	31.98
AV	5.15G	52.03	54.00	-1.97	46.78	3	Vertical	67	2.16	-	31.70	5.53	31.98
PK	5.1814G	114.58	Inf	-Inf	109.51	3	Vertical	67	2.16	-	31.51	5.55	31.99
AV	5.181G	103.20	Inf	-Inf	98.13	3	Vertical	67	2.16	-	31.51	5.55	31.99

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

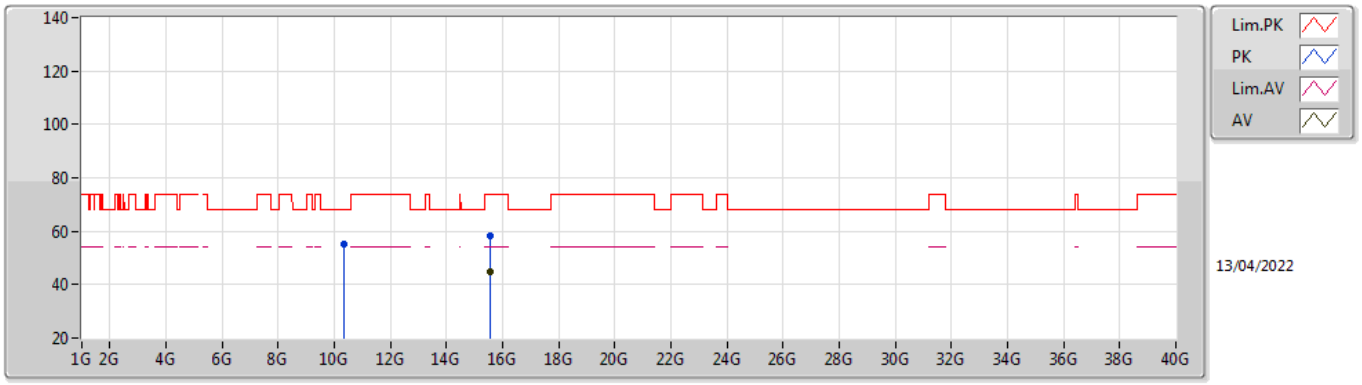


EUT X_2TX
Setting 17.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	63.03	74.00	-10.97	57.78	3	Horizontal	124	2.16	-	31.70	5.53	31.98
AV	5.15G	48.13	54.00	-5.87	42.88	3	Horizontal	124	2.16	-	31.70	5.53	31.98
PK	5.1818G	108.52	Inf	-Inf	103.45	3	Horizontal	124	2.16	-	31.51	5.55	31.99
AV	5.1822G	97.05	Inf	-Inf	91.98	3	Horizontal	124	2.16	-	31.51	5.55	31.99

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

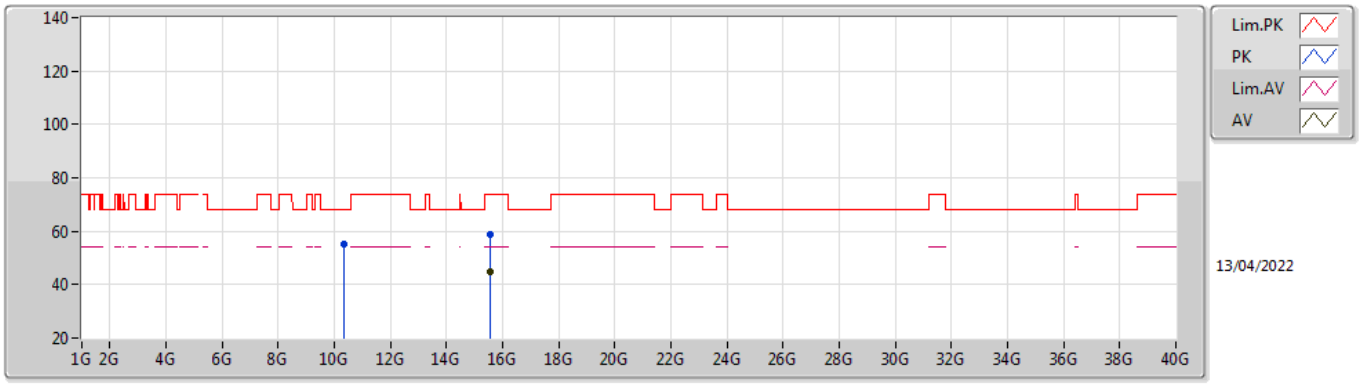


EUT X_2TX
Setting 17.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36386G	55.06	68.20	-13.14	41.44	3	Vertical	170	2.65	-	39.43	8.23	34.04
PK	15.53886G	58.52	74.00	-15.48	44.28	3	Vertical	10	2.40	-	38.51	9.97	34.24
AV	15.5444G	45.05	54.00	-8.95	30.84	3	Vertical	10	2.40	-	38.48	9.97	34.24

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

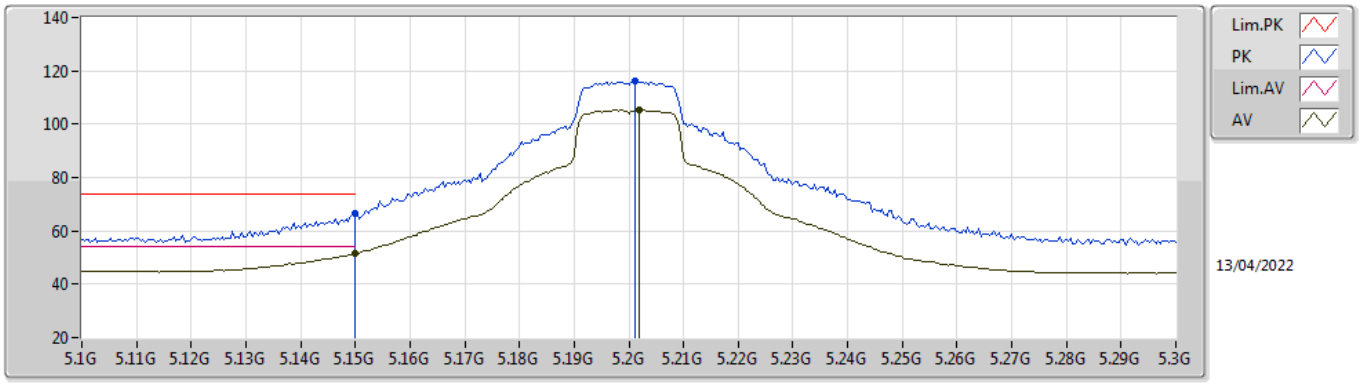


EUT X_2TX
Setting 17.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35932G	55.32	68.20	-12.88	41.71	3	Horizontal	283	1.95	-	39.42	8.22	34.03
PK	15.53594G	58.74	74.00	-15.26	44.48	3	Horizontal	197	1.95	-	38.52	9.97	34.23
AV	15.5365G	45.01	54.00	-8.99	30.75	3	Horizontal	197	1.95	-	38.52	9.97	34.23

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

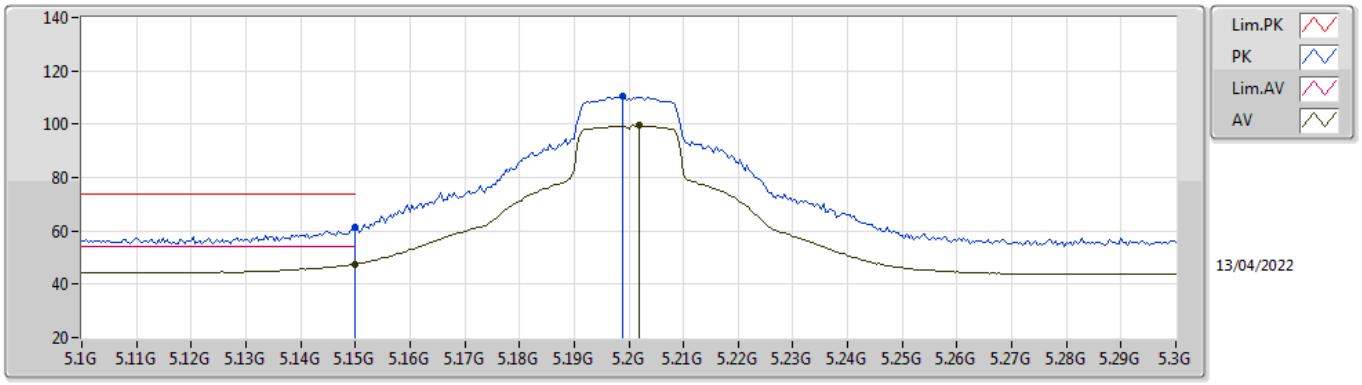


EUT X_2TX
Setting 20.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.35	74.00	-7.65	61.10	3	Vertical	69	2.37	-	31.70	5.53	31.98
AV	5.15G	51.65	54.00	-2.35	46.40	3	Vertical	69	2.37	-	31.70	5.53	31.98
PK	5.2012G	116.42	Inf	-Inf	111.47	3	Vertical	69	2.37	-	31.39	5.56	32.00
AV	5.202G	105.42	Inf	-Inf	100.47	3	Vertical	69	2.37	-	31.39	5.56	32.00

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

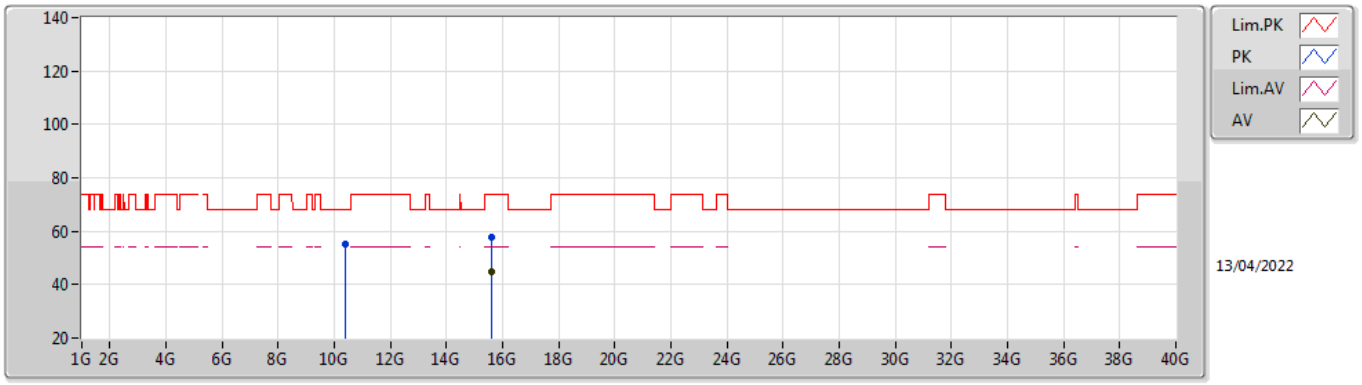


EUT X_2TX
Setting 20.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	61.46	74.00	-12.54	56.21	3	Horizontal	124	2.18	-	31.70	5.53	31.98
AV	5.15G	47.62	54.00	-6.38	42.37	3	Horizontal	124	2.18	-	31.70	5.53	31.98
PK	5.1988G	110.32	Inf	-Inf	105.35	3	Horizontal	124	2.18	-	31.41	5.56	32.00
AV	5.202G	99.43	Inf	-Inf	94.48	3	Horizontal	124	2.18	-	31.39	5.56	32.00

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

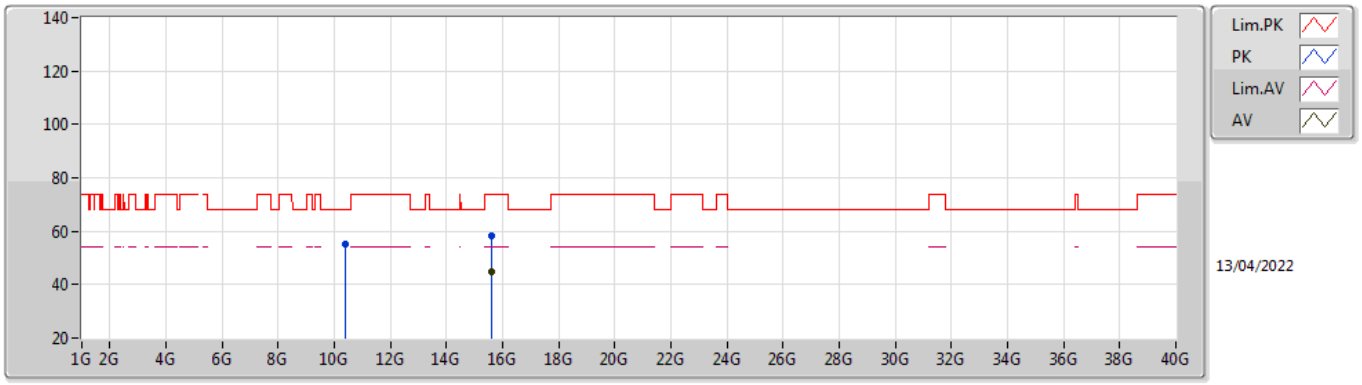


EUT X_2TX
Setting 20.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40132G	55.42	68.20	-12.78	41.74	3	Vertical	267	1.72	-	39.50	8.25	34.07
PK	15.60488G	58.01	74.00	-15.99	44.11	3	Vertical	135	2.84	-	38.18	9.98	34.26
AV	15.60286G	44.70	54.00	-9.30	30.79	3	Vertical	135	2.84	-	38.19	9.98	34.26

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

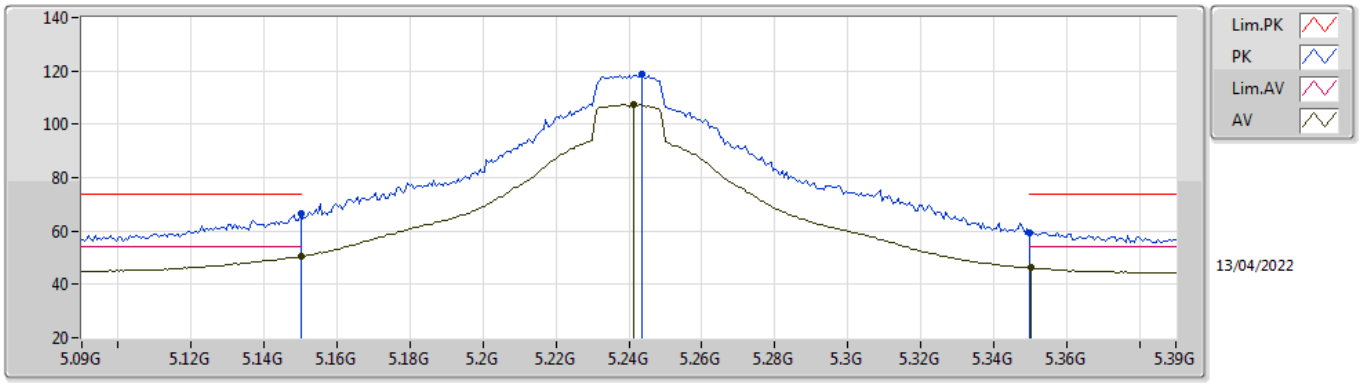


EUT X_2TX
Setting 20.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3995G	55.24	68.20	-12.96	41.55	3	Horizontal	153	1.74	-	39.50	8.25	34.06
PK	15.60354G	58.25	74.00	-15.75	44.34	3	Horizontal	133	2.35	-	38.19	9.98	34.26
AV	15.59552G	44.63	54.00	-9.37	30.69	3	Horizontal	133	2.35	-	38.22	9.98	34.26

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

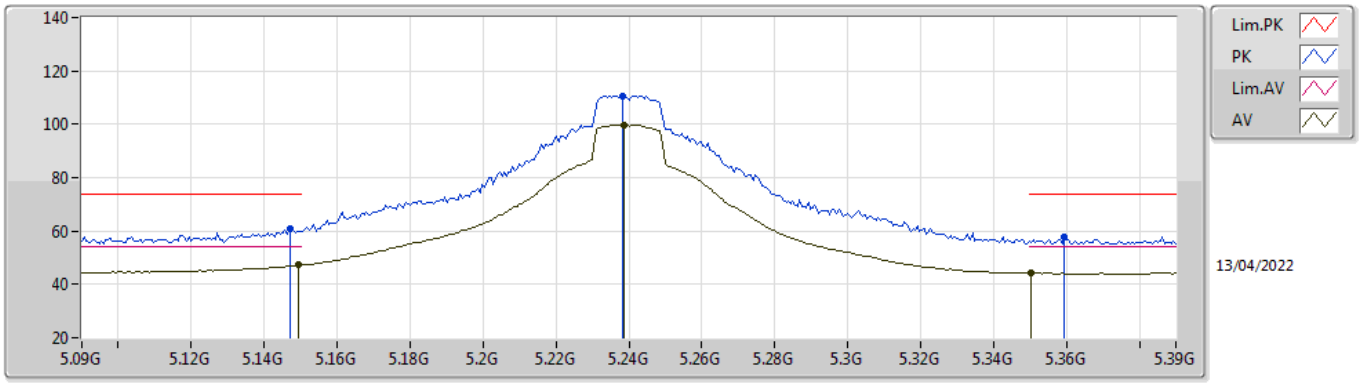


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.69	74.00	-7.31	61.44	3	Vertical	69	2.22	-	31.70	5.53	31.98
AV	5.15G	50.46	54.00	-3.54	45.21	3	Vertical	69	2.22	-	31.70	5.53	31.98
PK	5.2436G	118.86	Inf	-Inf	114.15	3	Vertical	69	2.22	-	31.14	5.59	32.02
AV	5.2412G	107.31	Inf	-Inf	102.59	3	Vertical	69	2.22	-	31.15	5.59	32.02
PK	5.35G	59.50	74.00	-14.50	54.79	3	Vertical	69	2.22	-	31.10	5.67	32.06
AV	5.3504G	46.17	54.00	-7.83	41.46	3	Vertical	69	2.22	-	31.10	5.67	32.06

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

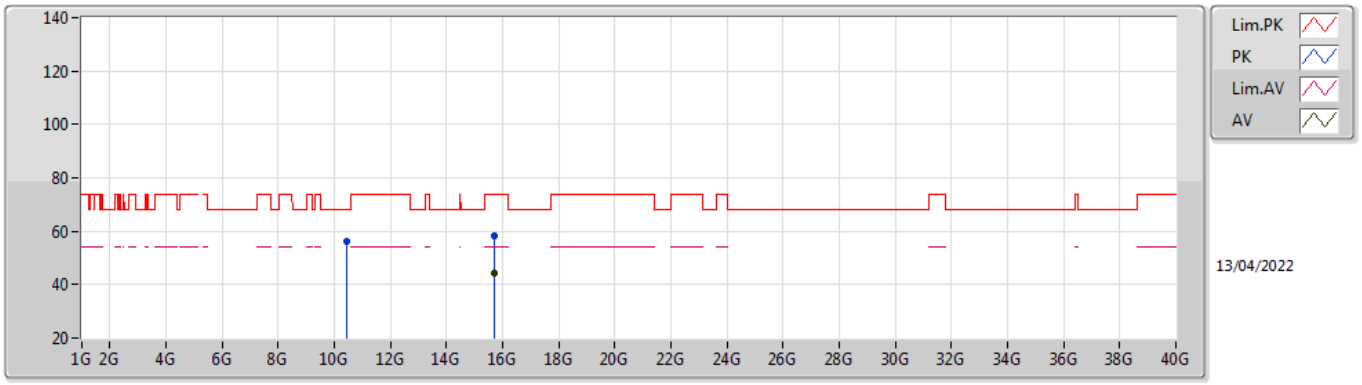


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	60.75	74.00	-13.25	55.47	3	Horizontal	127	2.03	-	31.72	5.53	31.97
AV	5.1494G	47.18	54.00	-6.82	41.93	3	Horizontal	127	2.03	-	31.70	5.53	31.98
PK	5.2382G	110.57	Inf	-Inf	105.82	3	Horizontal	127	2.03	-	31.17	5.59	32.01
AV	5.2388G	99.89	Inf	-Inf	95.15	3	Horizontal	127	2.03	-	31.17	5.59	32.02
PK	5.3594G	57.83	74.00	-16.17	53.07	3	Horizontal	127	2.03	-	31.16	5.67	32.07
AV	5.3504G	44.17	54.00	-9.83	39.46	3	Horizontal	127	2.03	-	31.10	5.67	32.06

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

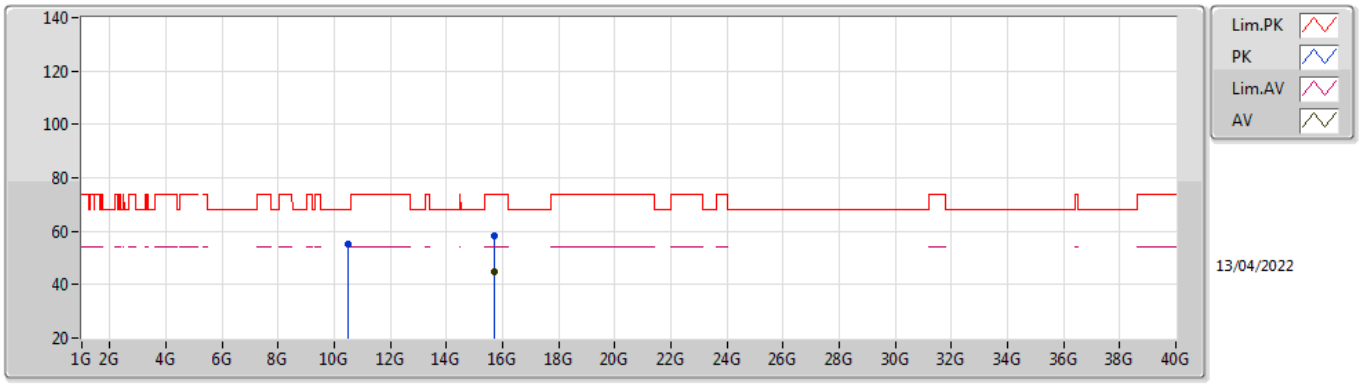


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46578G	56.27	68.20	-11.93	42.52	3	Vertical	210	1.57	-	39.57	8.29	34.11
PK	15.71946G	58.51	74.00	-15.49	45.01	3	Vertical	37	1.39	-	37.80	10.01	34.31
AV	15.71974G	44.50	54.00	-9.50	31.00	3	Vertical	37	1.39	-	37.80	10.01	34.31

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

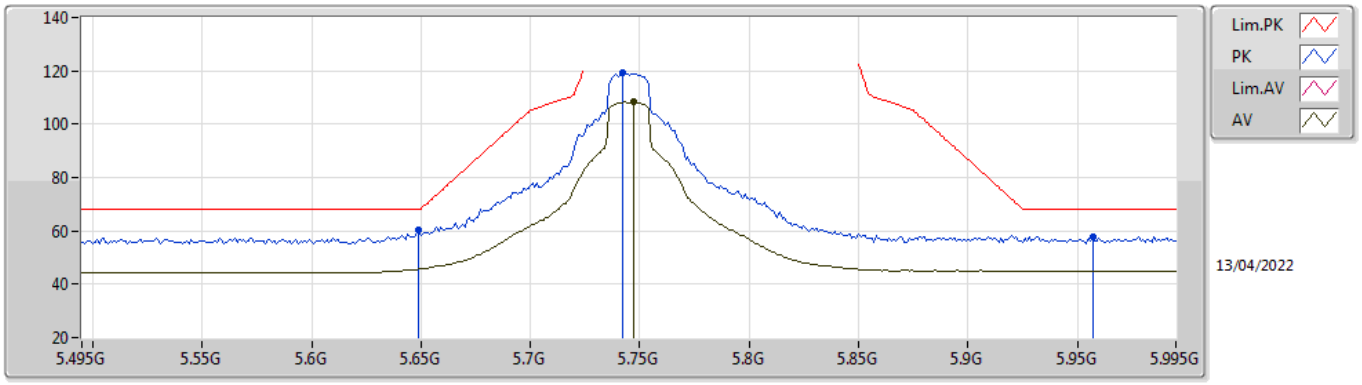


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48882G	55.41	68.20	-12.79	41.65	3	Horizontal	222	1.74	-	39.59	8.30	34.13
PK	15.7086G	58.34	74.00	-15.66	44.84	3	Horizontal	355	1.86	-	37.80	10.00	34.30
AV	15.717G	44.60	54.00	-9.40	31.10	3	Horizontal	355	1.86	-	37.80	10.01	34.31

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

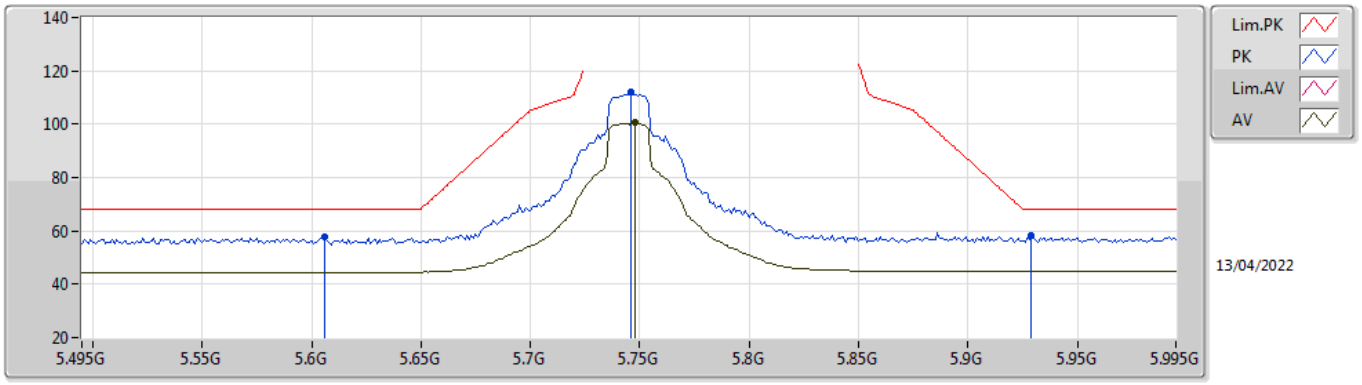


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	60.27	68.20	-7.93	55.00	3	Vertical	112	2.18	-	31.60	5.89	32.22
PK	5.742G	119.37	Inf	-Inf	113.79	3	Vertical	112	2.18	-	31.97	5.89	32.28
AV	5.747G	108.36	Inf	-Inf	102.76	3	Vertical	112	2.18	-	31.99	5.89	32.28
PK	5.957G	57.81	68.20	-10.39	51.95	3	Vertical	112	2.18	-	32.20	6.06	32.40

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

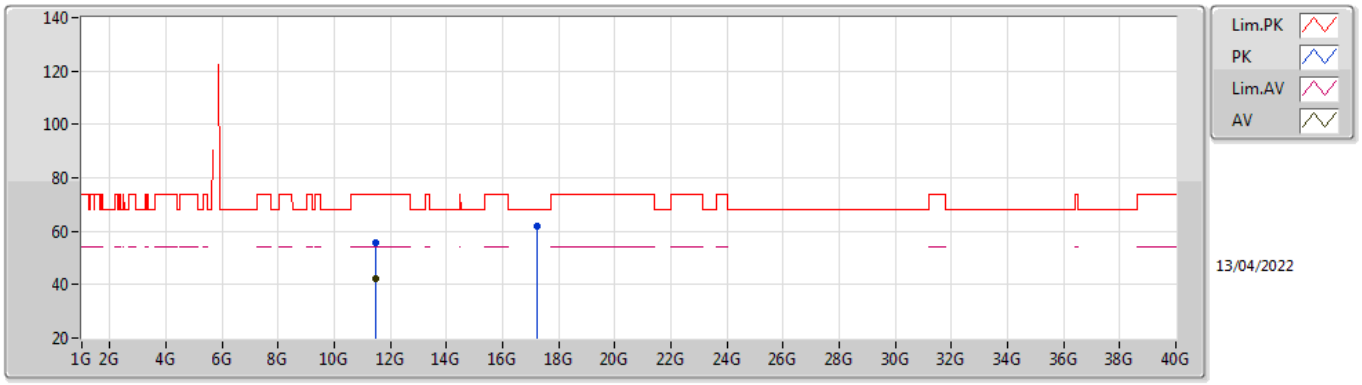


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.606G	57.73	68.20	-10.47	52.43	3	Horizontal	118	1.95	-	31.60	5.89	32.19
PK	5.746G	111.84	Inf	-Inf	106.25	3	Horizontal	118	1.95	-	31.98	5.89	32.28
AV	5.748G	100.68	Inf	-Inf	95.08	3	Horizontal	118	1.95	-	31.99	5.89	32.28
PK	5.929G	58.45	68.20	-9.75	52.65	3	Horizontal	118	1.95	-	32.16	6.03	32.39

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

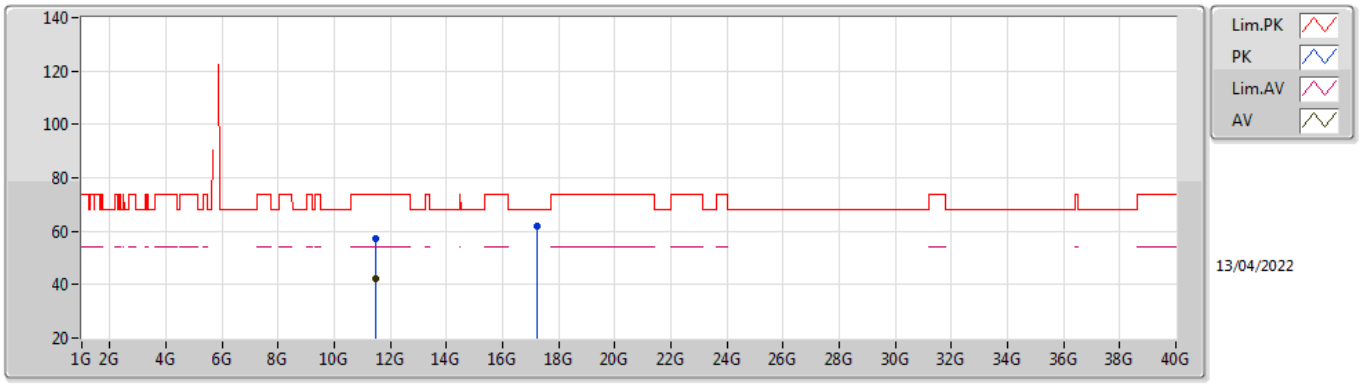


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49012G	55.79	74.00	-18.21	41.61	3	Vertical	115	1.07	-	39.62	8.87	34.31
AV	11.48984G	42.42	54.00	-11.58	28.24	3	Vertical	115	1.07	-	39.62	8.87	34.31
PK	17.2371G	61.89	68.20	-6.31	45.03	3	Vertical	333	1.03	-	41.05	10.41	34.60

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

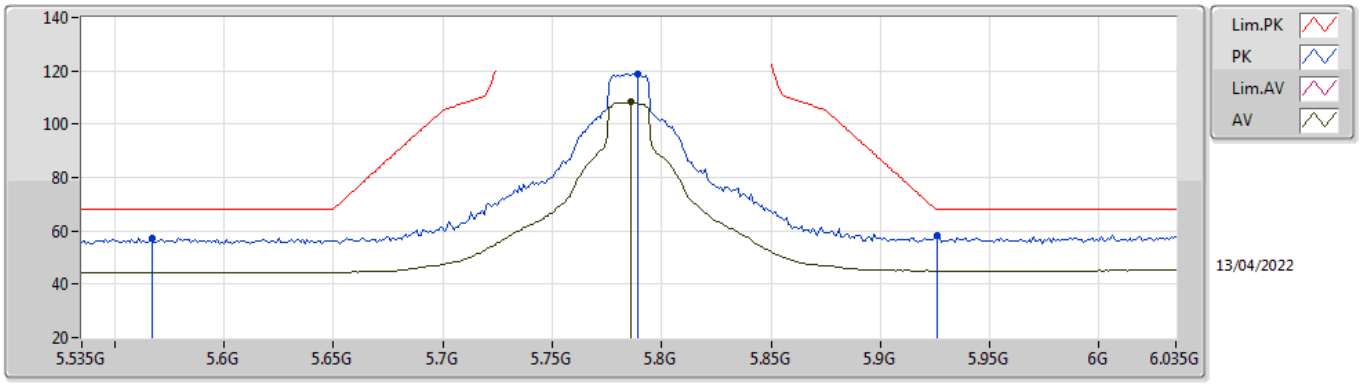


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48608G	57.00	74.00	-17.00	42.81	3	Horizontal	203	1.90	-	39.63	8.87	34.31
AV	11.49248G	42.43	54.00	-11.57	28.25	3	Horizontal	203	1.90	-	39.62	8.87	34.31
PK	17.23192G	61.90	68.20	-6.30	45.06	3	Horizontal	279	2.04	-	41.03	10.41	34.60

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

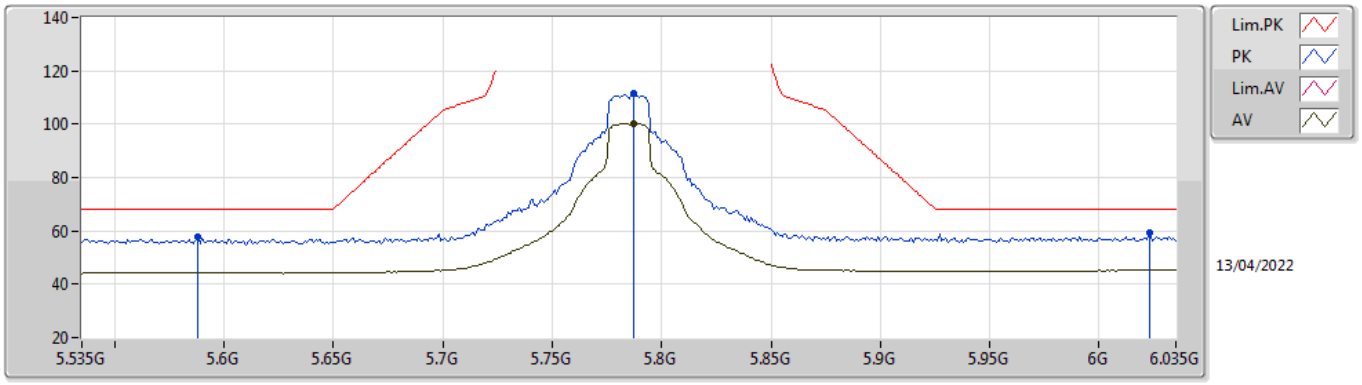


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.567G	57.33	68.20	-10.87	52.11	3	Vertical	110	2.07	-	31.53	5.86	32.17
PK	5.789G	119.01	Inf	-Inf	113.42	3	Vertical	110	2.07	-	32.00	5.89	32.30
AV	5.786G	108.23	Inf	-Inf	102.64	3	Vertical	110	2.07	-	32.00	5.89	32.30
PK	5.926G	58.28	68.20	-9.92	52.49	3	Vertical	110	2.07	-	32.15	6.03	32.39

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

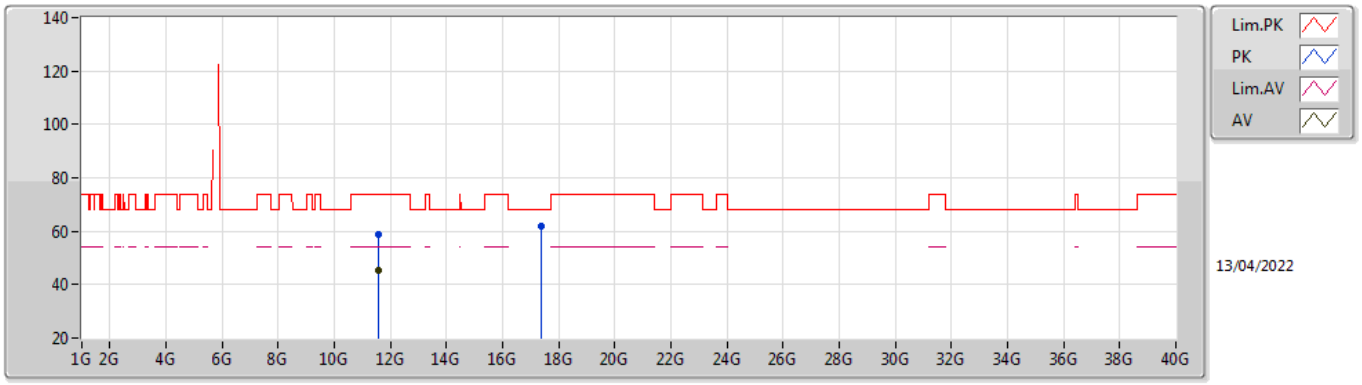


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.588G	57.82	68.20	-10.38	52.54	3	Horizontal	117	1.94	-	31.58	5.88	32.18
PK	5.787G	111.59	Inf	-Inf	106.00	3	Horizontal	117	1.94	-	32.00	5.89	32.30
AV	5.787G	100.41	Inf	-Inf	94.82	3	Horizontal	117	1.94	-	32.00	5.89	32.30
PK	6.023G	59.10	68.20	-9.10	53.09	3	Horizontal	117	1.94	-	32.34	6.11	32.44

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

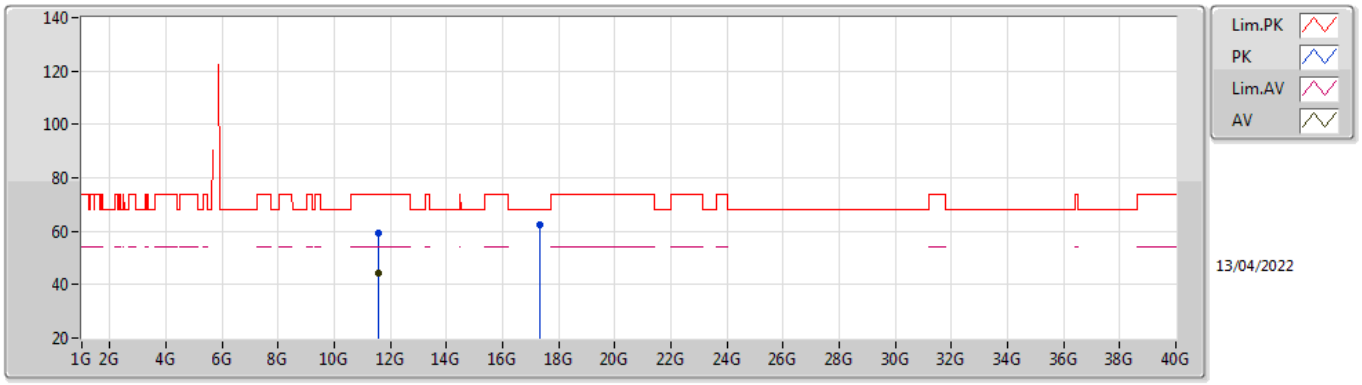


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56892G	58.92	74.00	-15.08	44.78	3	Vertical	248	2.15	-	39.53	8.91	34.30
AV	11.56946G	45.14	54.00	-8.86	31.00	3	Vertical	248	2.15	-	39.53	8.91	34.30
PK	17.35776G	62.11	68.20	-6.09	44.43	3	Vertical	183	2.78	-	41.88	10.45	34.65

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

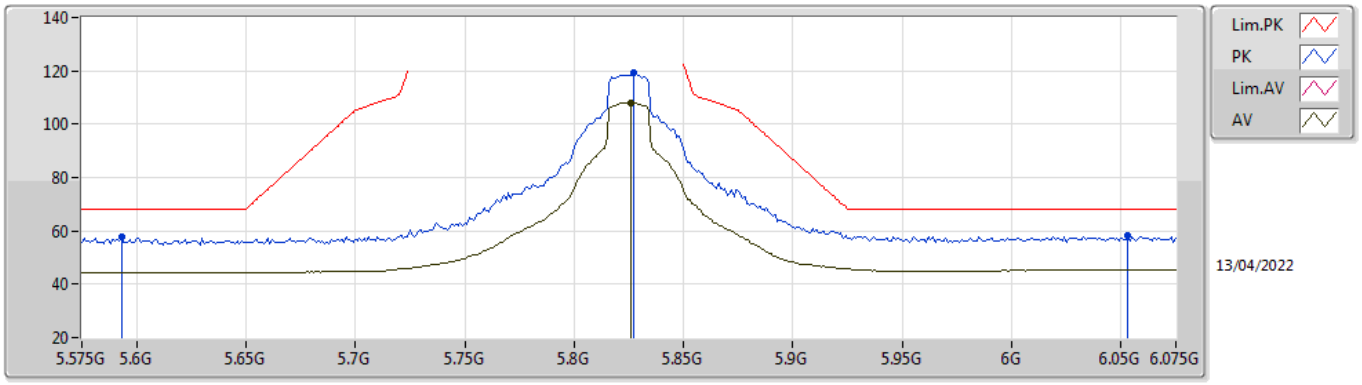


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56412G	59.28	74.00	-14.72	45.13	3	Horizontal	290	2.11	-	39.54	8.91	34.30
AV	11.57084G	44.20	54.00	-9.80	30.05	3	Horizontal	290	2.11	-	39.53	8.92	34.30
PK	17.34288G	62.37	68.20	-5.83	44.84	3	Horizontal	360	2.37	-	41.73	10.44	34.64

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

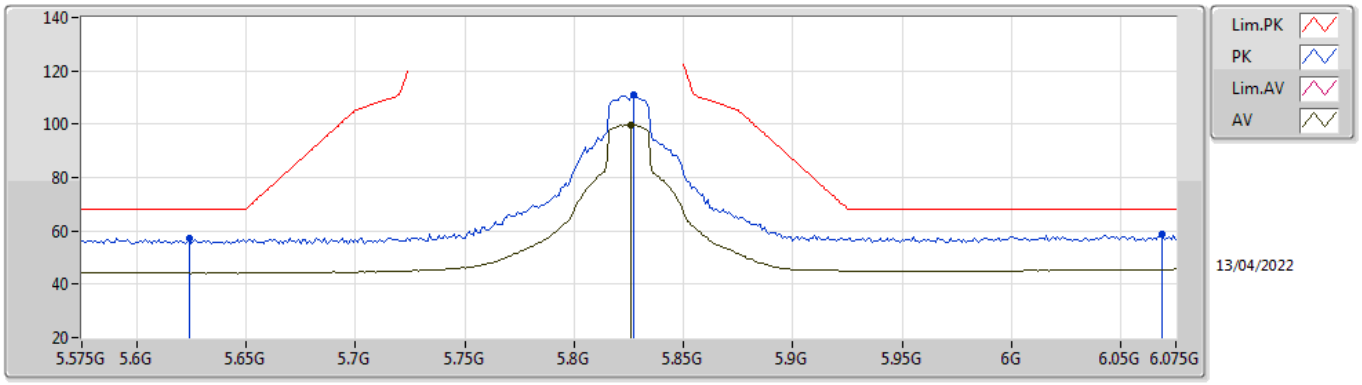


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.593G	57.94	68.20	-10.26	52.66	3	Vertical	110	2.13	-	31.59	5.88	32.19
PK	5.827G	119.18	Inf	-Inf	113.59	3	Vertical	110	2.13	-	32.00	5.92	32.33
AV	5.826G	107.99	Inf	-Inf	102.40	3	Vertical	110	2.13	-	32.00	5.92	32.33
PK	6.053G	58.19	68.20	-10.01	52.03	3	Vertical	110	2.13	-	32.49	6.12	32.45

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

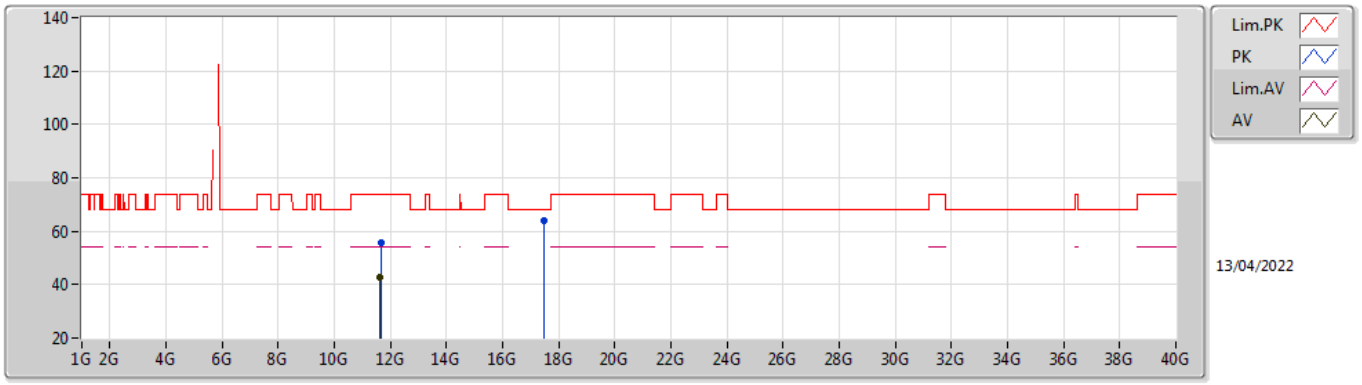


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.624G	57.42	68.20	-10.78	52.13	3	Horizontal	119	1.80	-	31.60	5.89	32.20
PK	5.827G	110.86	Inf	-Inf	105.27	3	Horizontal	119	1.80	-	32.00	5.92	32.33
AV	5.826G	99.55	Inf	-Inf	93.96	3	Horizontal	119	1.80	-	32.00	5.92	32.33
PK	6.069G	58.71	68.20	-9.49	52.59	3	Horizontal	119	1.80	-	32.46	6.12	32.46

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

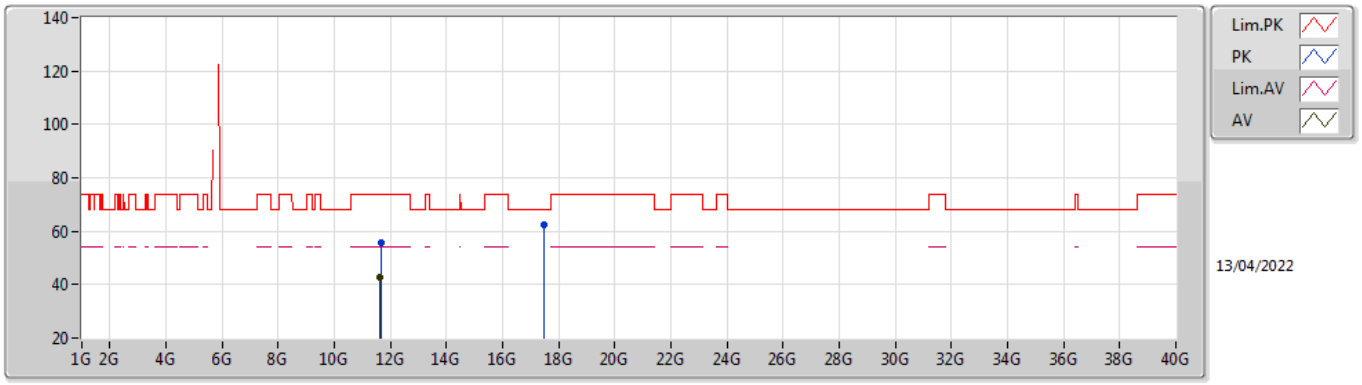


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64968G	55.81	74.00	-18.19	41.78	3	Vertical	60	1.33	-	39.35	8.96	34.28
AV	11.64506G	42.56	54.00	-11.44	28.52	3	Vertical	60	1.33	-	39.36	8.96	34.28
PK	17.47982G	63.74	68.20	-4.46	45.02	3	Vertical	106	2.00	-	42.94	10.48	34.70

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

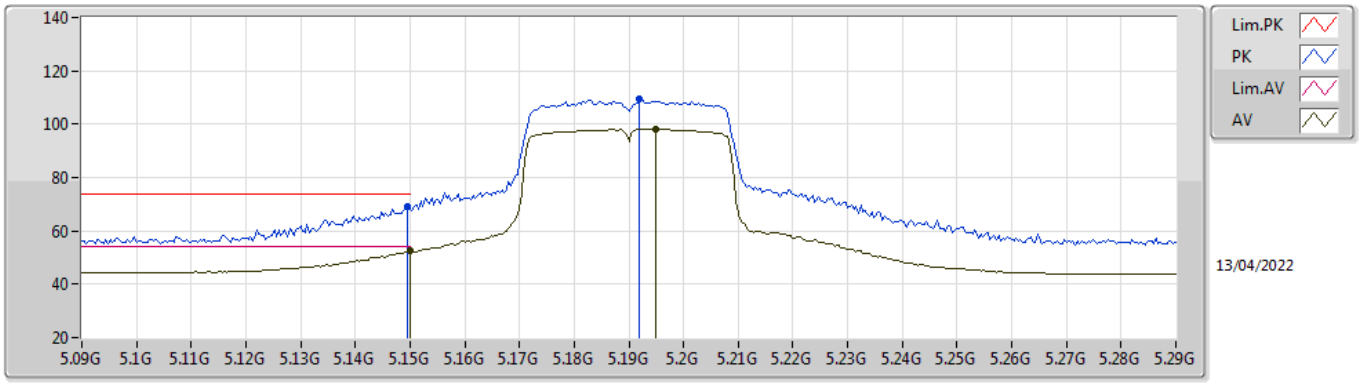


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65294G	55.70	74.00	-18.30	41.68	3	Horizontal	199	1.28	-	39.34	8.96	34.28
AV	11.64606G	42.57	54.00	-11.43	28.53	3	Horizontal	199	1.28	-	39.36	8.96	34.28
PK	17.47478G	62.61	68.20	-5.59	43.93	3	Horizontal	32	2.20	-	42.90	10.48	34.70

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

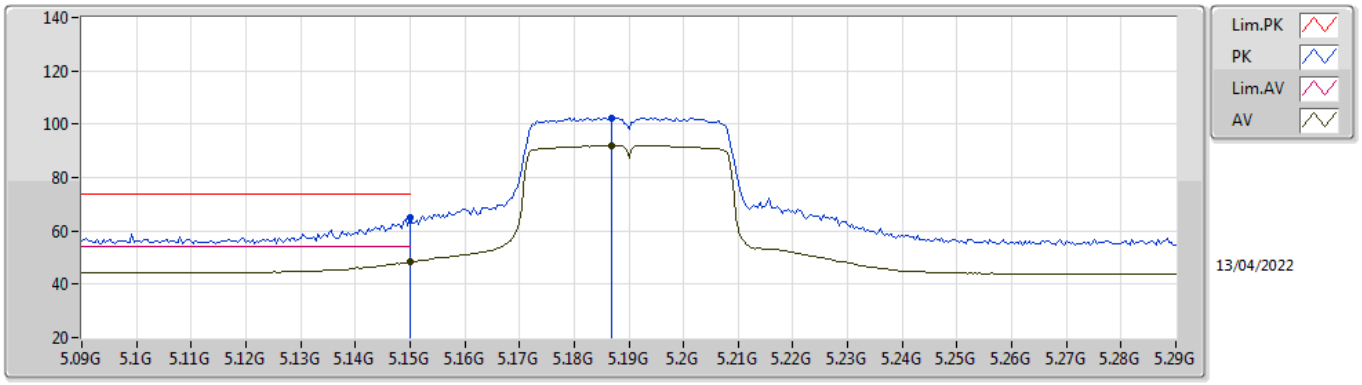


EUT X_2TX
Setting 15.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	69.25	74.00	-4.75	64.00	3	Vertical	68	2.26	-	31.70	5.53	31.98
AV	5.15G	52.52	54.00	-1.48	47.27	3	Vertical	68	2.26	-	31.70	5.53	31.98
PK	5.192G	109.51	Inf	-Inf	104.50	3	Vertical	68	2.26	-	31.45	5.55	31.99
AV	5.1948G	98.19	Inf	-Inf	93.20	3	Vertical	68	2.26	-	31.43	5.56	32.00

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

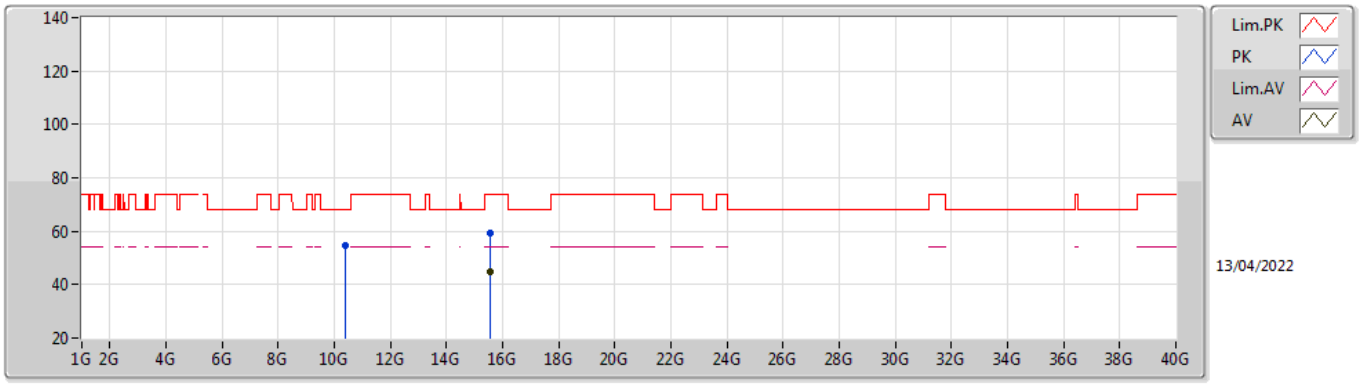


EUT X_2TX
Setting 15.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	65.03	74.00	-8.97	59.78	3	Horizontal	124	2.17	-	31.70	5.53	31.98
AV	5.15G	48.45	54.00	-5.55	43.20	3	Horizontal	124	2.17	-	31.70	5.53	31.98
PK	5.1868G	102.50	Inf	-Inf	97.46	3	Horizontal	124	2.17	-	31.48	5.55	31.99
AV	5.1868G	92.07	Inf	-Inf	87.03	3	Horizontal	124	2.17	-	31.48	5.55	31.99

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

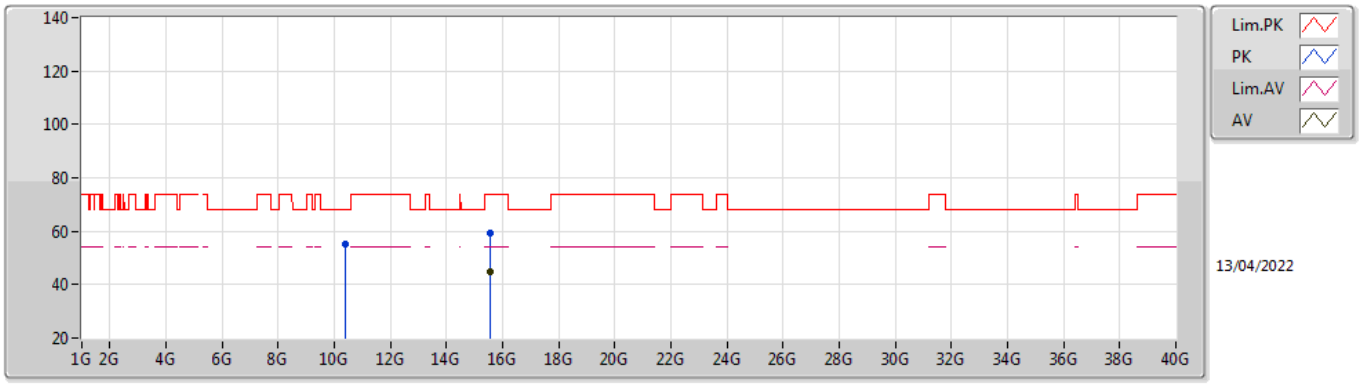


EUT X_2TX
Setting 15.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3828G	54.79	68.20	-13.41	41.13	3	Vertical	85	1.50	-	39.47	8.24	34.05
PK	15.56612G	59.12	74.00	-14.88	45.02	3	Vertical	106	2.75	-	38.37	9.98	34.25
AV	15.56744G	44.77	54.00	-9.23	30.68	3	Vertical	106	2.75	-	38.36	9.98	34.25

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

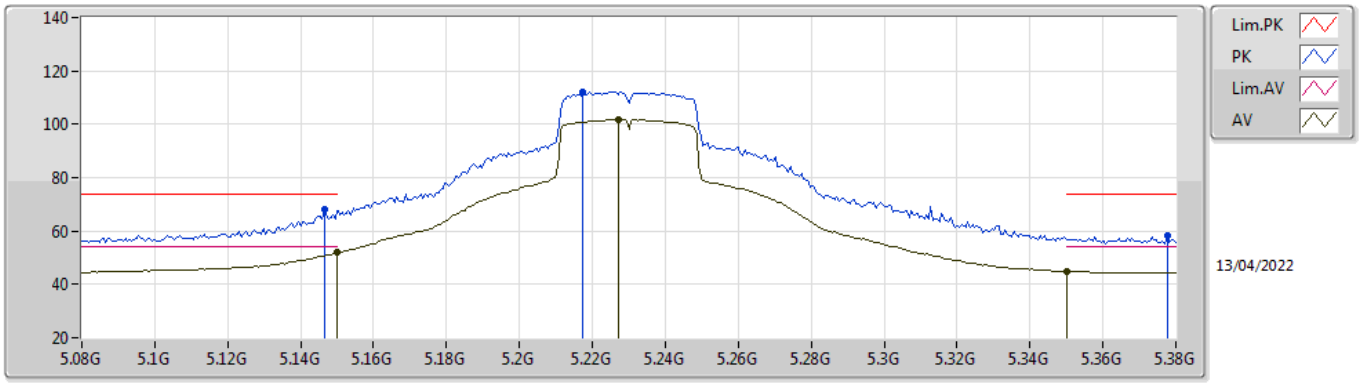


EUT X_2TX
Setting 15.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37742G	55.29	68.20	-12.91	41.65	3	Horizontal	322	2.36	-	39.45	8.24	34.05
PK	15.56744G	59.07	74.00	-14.93	44.98	3	Horizontal	222	2.40	-	38.36	9.98	34.25
AV	15.56686G	44.72	54.00	-9.28	30.62	3	Horizontal	222	2.40	-	38.37	9.98	34.25

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

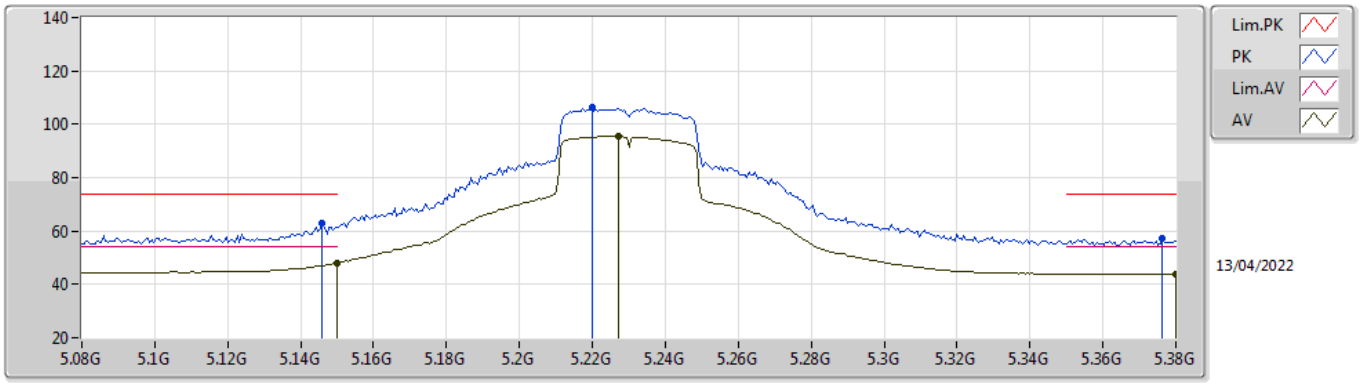


EUT X_2TX
Setting 18.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1466G	68.11	74.00	-5.89	62.83	3	Vertical	69	2.25	-	31.72	5.53	31.97
AV	5.15G	51.84	54.00	-2.16	46.59	3	Vertical	69	2.25	-	31.70	5.53	31.98
PK	5.2174G	112.14	Inf	-Inf	107.28	3	Vertical	69	2.25	-	31.30	5.57	32.01
AV	5.227G	101.64	Inf	-Inf	96.83	3	Vertical	69	2.25	-	31.24	5.58	32.01
PK	5.3776G	58.09	74.00	-15.91	53.22	3	Vertical	69	2.25	-	31.27	5.68	32.08
AV	5.35G	44.88	54.00	-9.12	40.17	3	Vertical	69	2.25	-	31.10	5.67	32.06

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

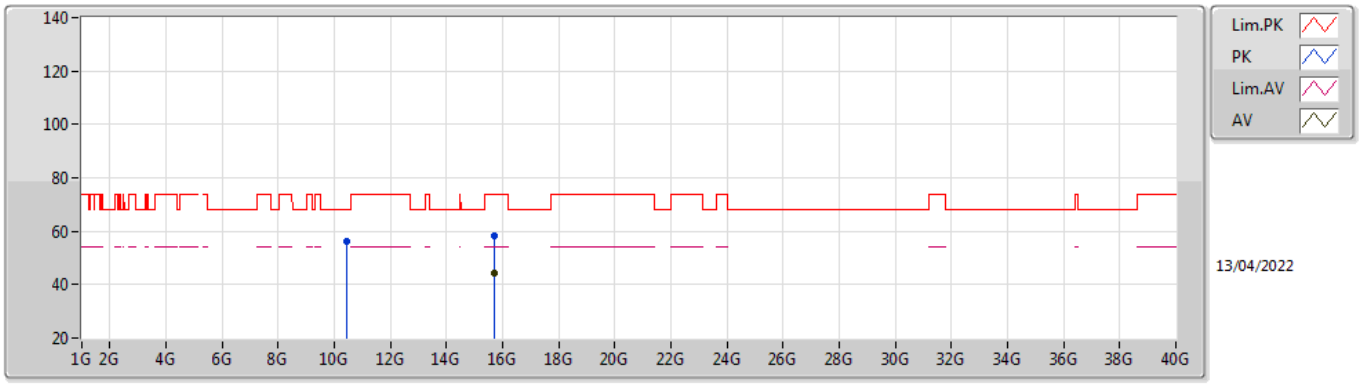


EUT X_2TX
Setting 18.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	62.71	74.00	-11.29	57.44	3	Horizontal	124	2.15	-	31.72	5.52	31.97
AV	5.15G	47.92	54.00	-6.08	42.67	3	Horizontal	124	2.15	-	31.70	5.53	31.98
PK	5.2198G	106.23	Inf	-Inf	101.39	3	Horizontal	124	2.15	-	31.28	5.57	32.01
AV	5.227G	95.54	Inf	-Inf	90.73	3	Horizontal	124	2.15	-	31.24	5.58	32.01
PK	5.3764G	57.01	74.00	-16.99	52.15	3	Horizontal	124	2.15	-	31.26	5.68	32.08
AV	5.38G	44.05	54.00	-9.95	39.16	3	Horizontal	124	2.15	-	31.28	5.69	32.08

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

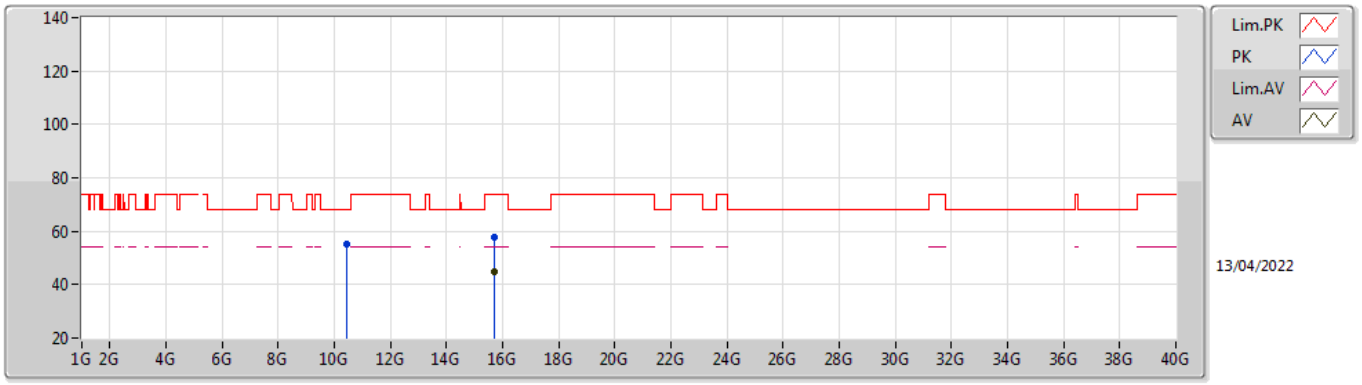


EUT X_2TX
Setting 18.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45926G	56.16	68.20	-12.04	42.43	3	Vertical	116	1.61	-	39.56	8.28	34.11
PK	15.69208G	58.09	74.00	-15.91	44.56	3	Vertical	132	1.26	-	37.83	10.00	34.30
AV	15.69202G	44.52	54.00	-9.48	30.99	3	Vertical	132	1.26	-	37.83	10.00	34.30

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

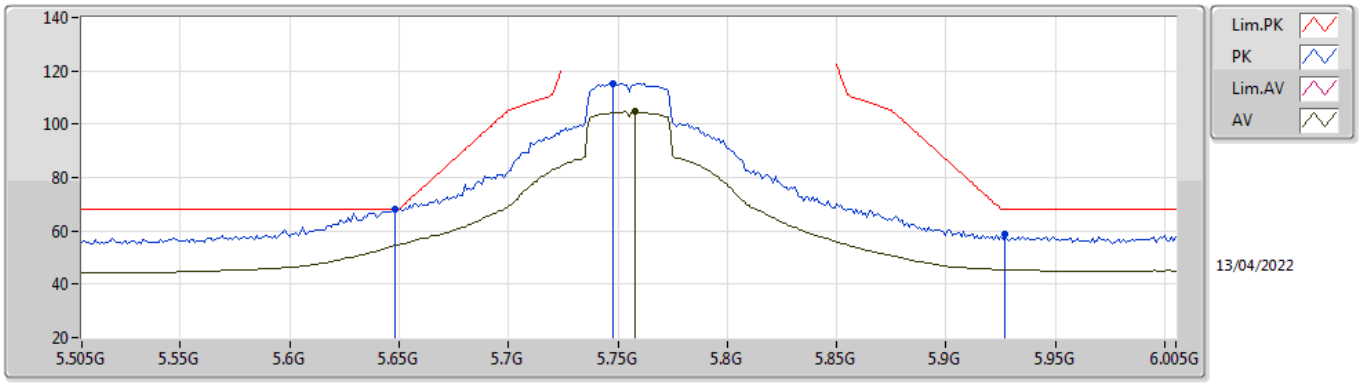


EUT X_2TX
Setting 18.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45816G	55.37	68.20	-12.83	41.64	3	Horizontal	291	2.52	-	39.56	8.28	34.11
PK	15.69498G	57.98	74.00	-16.02	44.46	3	Horizontal	80	1.22	-	37.82	10.00	34.30
AV	15.6874G	44.61	54.00	-9.39	31.05	3	Horizontal	80	1.22	-	37.85	10.00	34.29

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

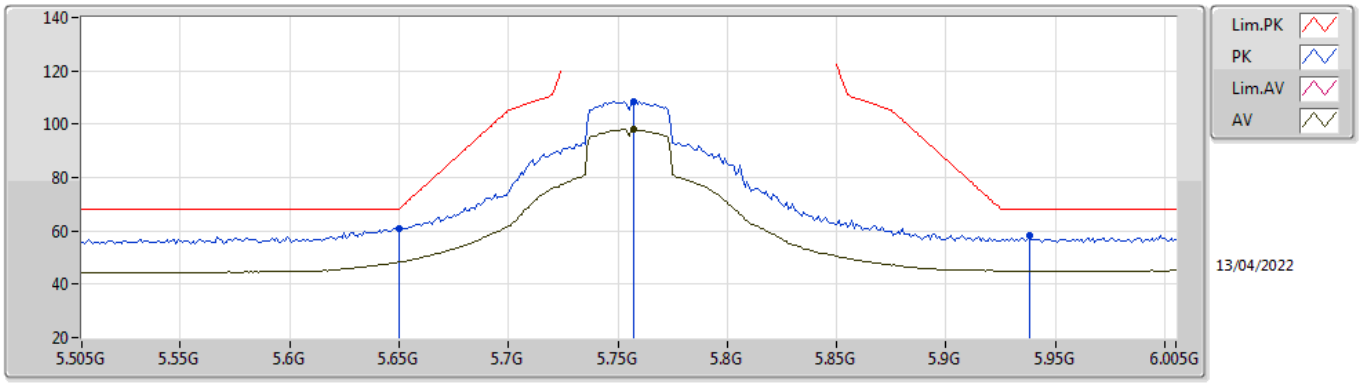


EUT X_2TX
Setting 21
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	68.05	68.20	-0.15	62.78	3	Vertical	114	2.08	-	31.60	5.89	32.22
PK	5.748G	115.40	Inf	-Inf	109.80	3	Vertical	114	2.08	-	31.99	5.89	32.28
AV	5.758G	104.86	Inf	-Inf	99.25	3	Vertical	114	2.08	-	32.00	5.89	32.28
PK	5.927G	58.66	68.20	-9.54	52.87	3	Vertical	114	2.08	-	32.15	6.03	32.39

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

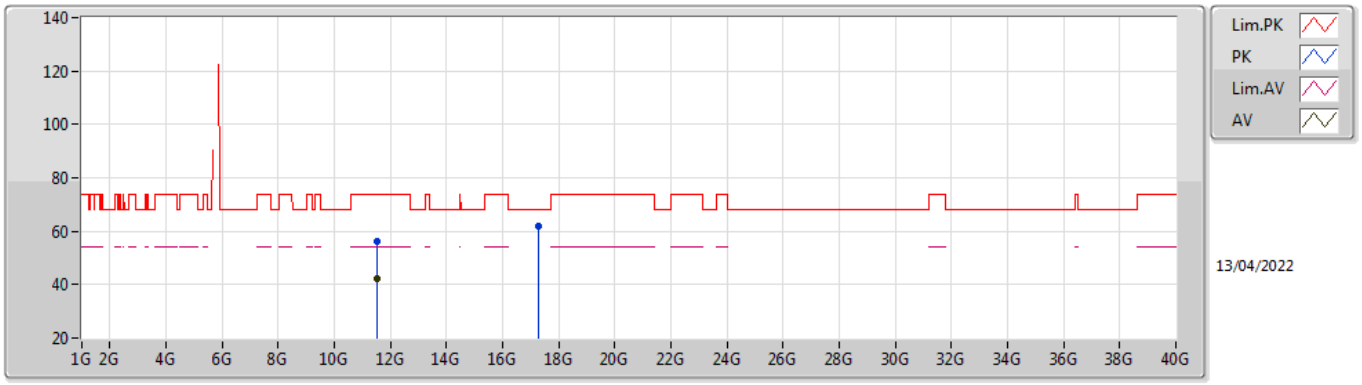


EUT X_2TX
Setting 21
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	60.76	68.20	-7.44	55.49	3	Horizontal	116	1.94	-	31.60	5.89	32.22
PK	5.757G	108.49	Inf	-Inf	102.88	3	Horizontal	116	1.94	-	32.00	5.89	32.28
AV	5.757G	97.95	Inf	-Inf	92.34	3	Horizontal	116	1.94	-	32.00	5.89	32.28
PK	5.938G	58.41	68.20	-9.79	52.58	3	Horizontal	116	1.94	-	32.18	6.04	32.39

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

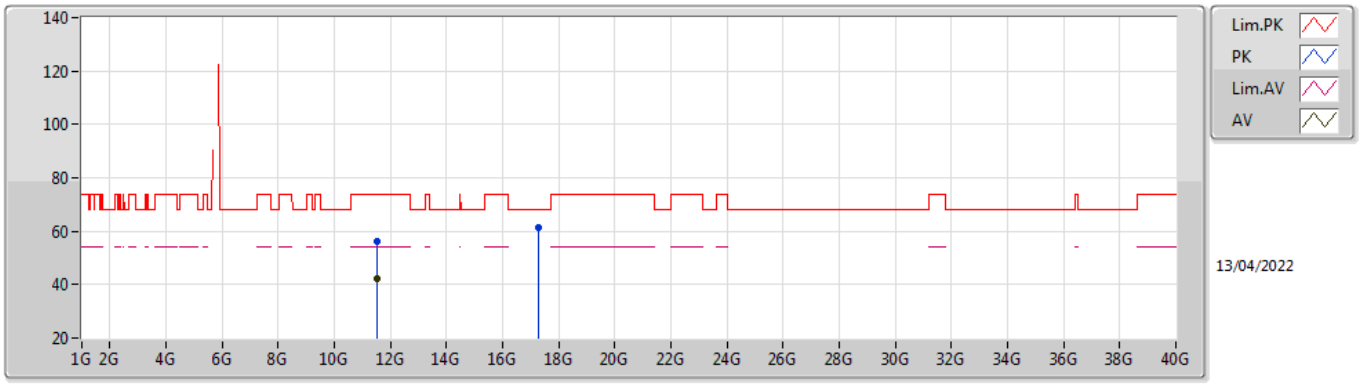


EUT X_2TX
Setting 21
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5117G	56.43	74.00	-17.57	42.27	3	Vertical	270	2.75	-	39.59	8.88	34.31
AV	11.50936G	42.37	54.00	-11.63	28.21	3	Vertical	270	2.75	-	39.59	8.88	34.31
PK	17.2639G	61.95	68.20	-6.25	44.98	3	Vertical	357	1.22	-	41.16	10.42	34.61

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

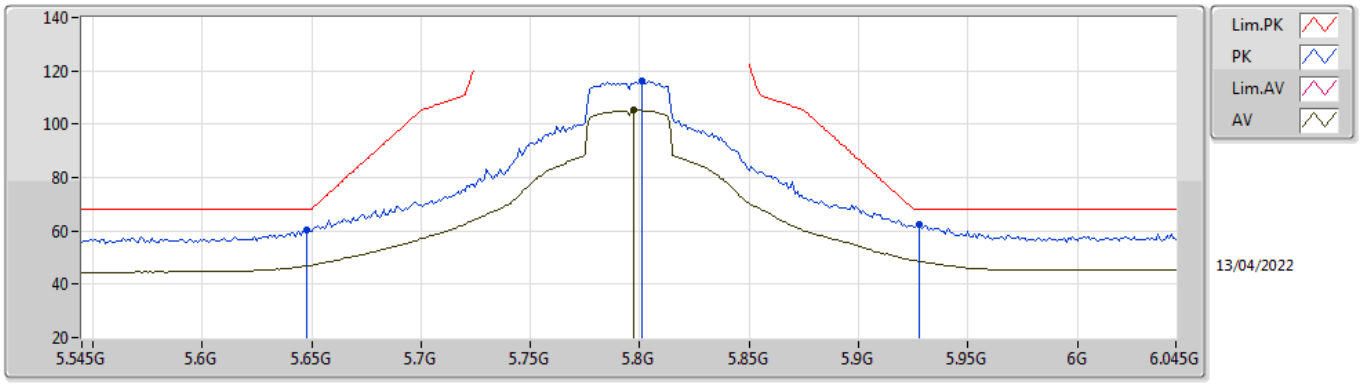


EUT X_2TX
Setting 21
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50728G	56.29	74.00	-17.71	42.13	3	Horizontal	215	2.90	-	39.59	8.88	34.31
AV	11.50946G	42.46	54.00	-11.54	28.30	3	Horizontal	215	2.90	-	39.59	8.88	34.31
PK	17.26528G	61.58	68.20	-6.62	44.61	3	Horizontal	95	2.64	-	41.16	10.42	34.61

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

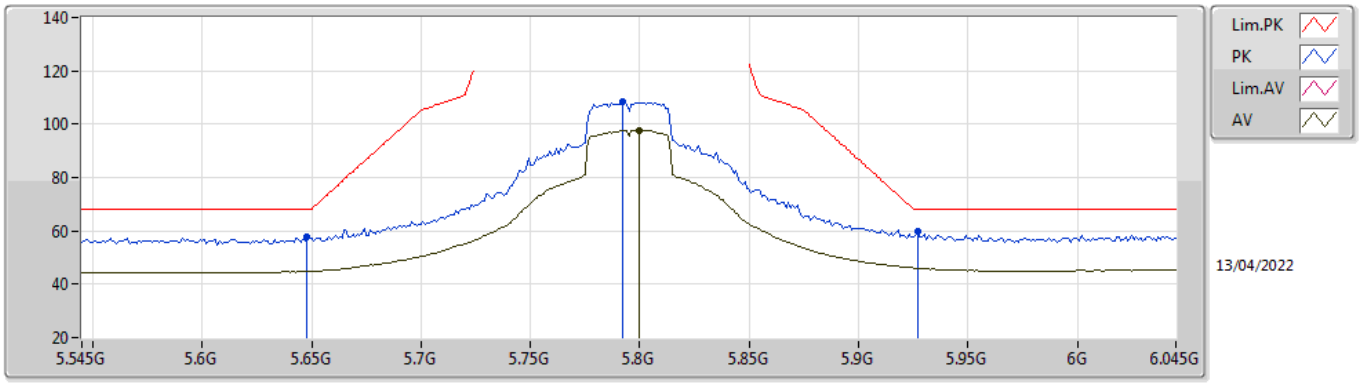


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	60.41	68.20	-7.79	55.14	3	Vertical	110	2.04	-	31.60	5.89	32.22
PK	5.801G	116.19	Inf	-Inf	110.61	3	Vertical	110	2.04	-	32.00	5.89	32.31
AV	5.797G	105.15	Inf	-Inf	99.57	3	Vertical	110	2.04	-	32.00	5.89	32.31
PK	5.928G	62.62	68.20	-5.58	56.82	3	Vertical	110	2.04	-	32.16	6.03	32.39

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

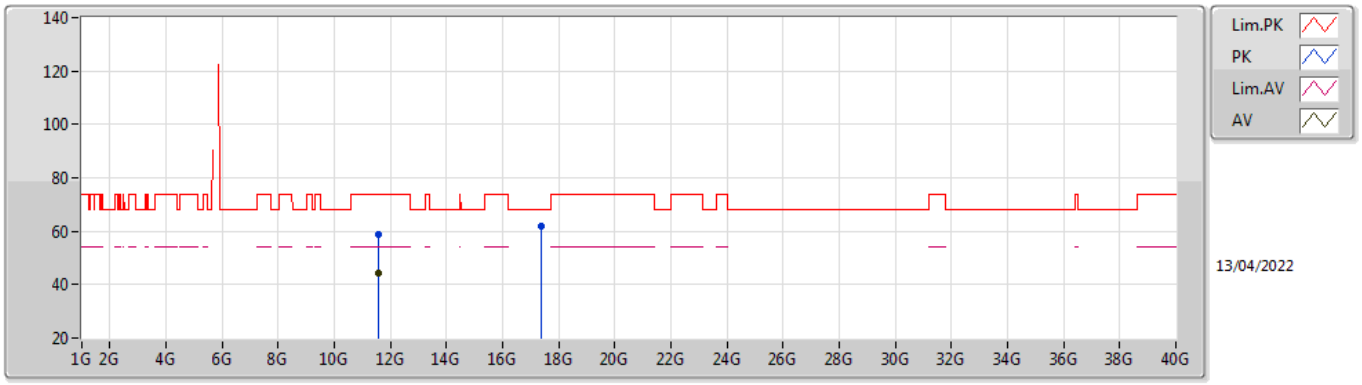


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	57.62	68.20	-10.58	52.35	3	Horizontal	118	1.94	-	31.60	5.89	32.22
PK	5.792G	108.45	Inf	-Inf	102.87	3	Horizontal	118	1.94	-	32.00	5.89	32.31
AV	5.8G	97.74	Inf	-Inf	92.16	3	Horizontal	118	1.94	-	32.00	5.89	32.31
PK	5.927G	59.75	68.20	-8.45	53.96	3	Horizontal	118	1.94	-	32.15	6.03	32.39

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

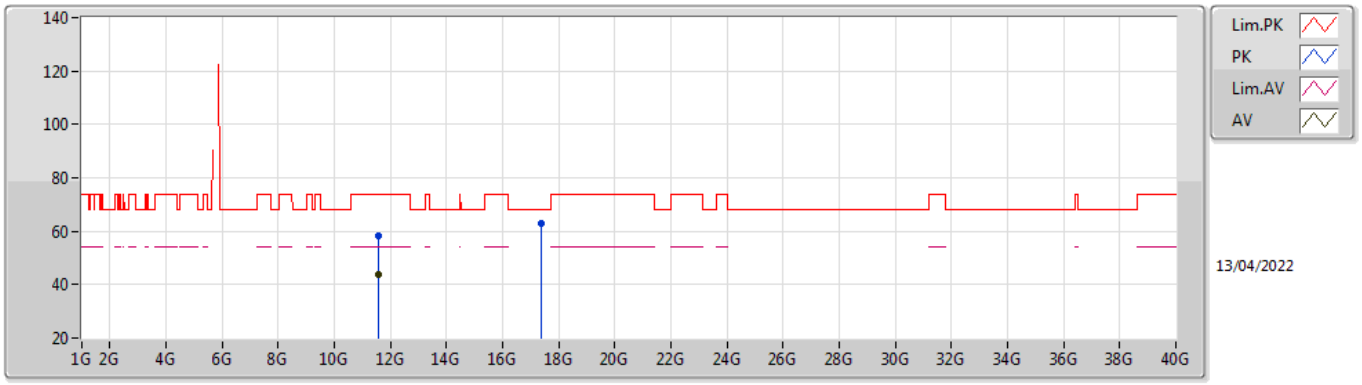


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5918G	58.86	74.00	-15.14	44.71	3	Vertical	246	2.15	-	39.51	8.93	34.29
AV	11.59006G	44.12	54.00	-9.88	29.97	3	Vertical	246	2.15	-	39.51	8.93	34.29
PK	17.3763G	61.89	68.20	-6.31	44.04	3	Vertical	152	2.12	-	42.06	10.45	34.66

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

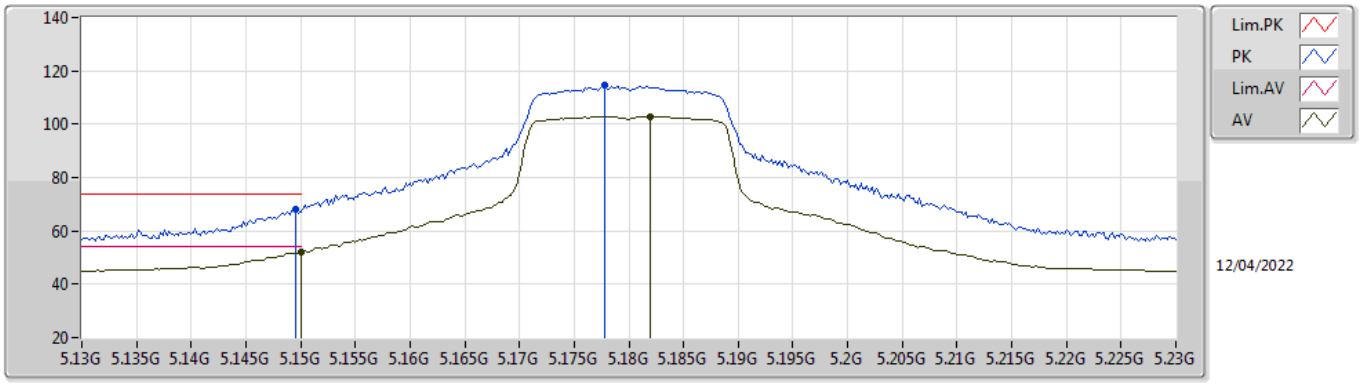


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59354G	58.19	74.00	-15.81	44.04	3	Horizontal	290	2.50	-	39.51	8.93	34.29
AV	11.59352G	43.83	54.00	-10.17	29.68	3	Horizontal	290	2.50	-	39.51	8.93	34.29
PK	17.38248G	62.88	68.20	-5.32	44.97	3	Horizontal	208	1.80	-	42.12	10.45	34.66

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

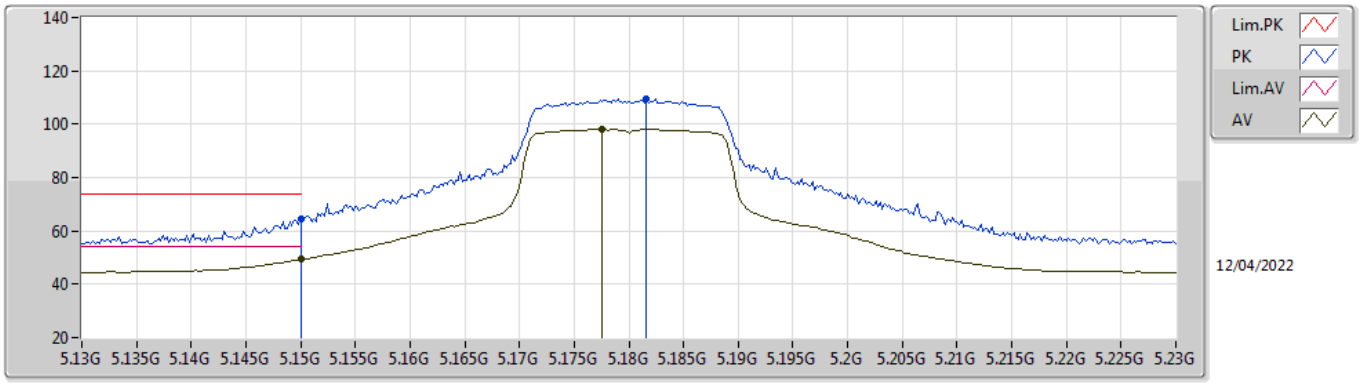


EUT X_2TX
Setting 17.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	67.93	74.00	-6.07	62.68	3	Vertical	68	2.17	-	31.70	5.53	31.98
AV	5.15G	52.20	54.00	-1.80	46.95	3	Vertical	68	2.17	-	31.70	5.53	31.98
PK	5.1778G	114.62	Inf	-Inf	109.53	3	Vertical	68	2.17	-	31.53	5.55	31.99
AV	5.182G	102.96	Inf	-Inf	97.89	3	Vertical	68	2.17	-	31.51	5.55	31.99

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

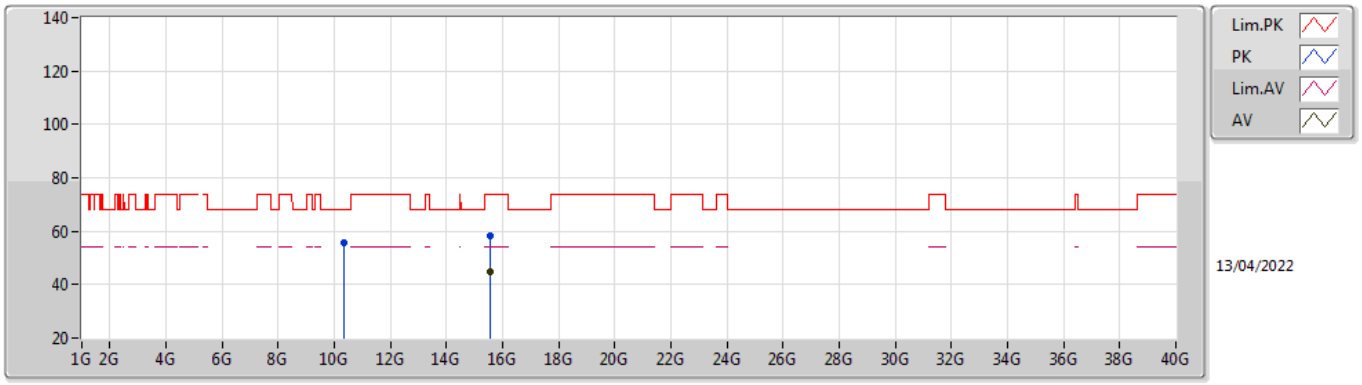


EUT X_2TX
Setting 17.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	64.23	74.00	-9.77	58.98	3	Horizontal	124	2.16	-	31.70	5.53	31.98
AV	5.15G	49.27	54.00	-4.73	44.02	3	Horizontal	124	2.16	-	31.70	5.53	31.98
PK	5.1816G	109.52	Inf	-Inf	104.45	3	Horizontal	124	2.16	-	31.51	5.55	31.99
AV	5.1776G	98.02	Inf	-Inf	92.93	3	Horizontal	124	2.16	-	31.53	5.55	31.99

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

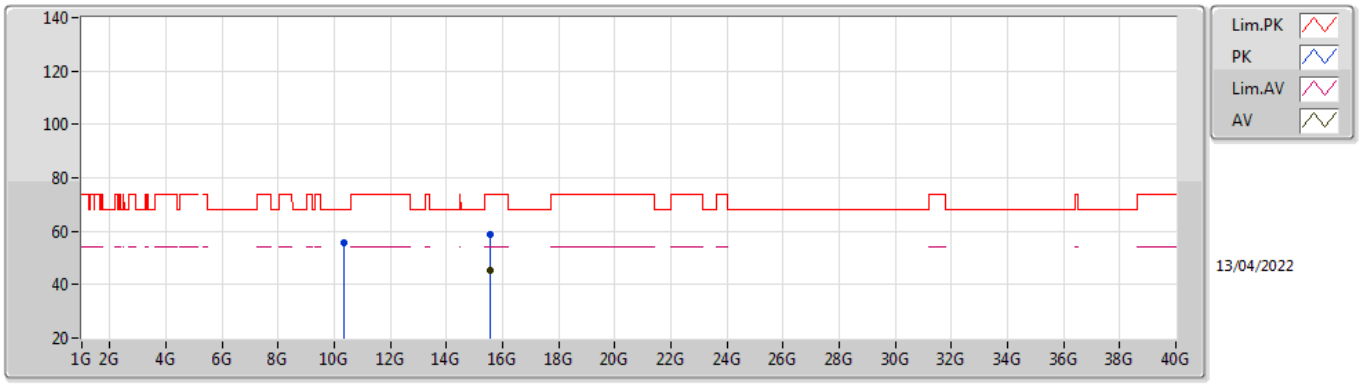


EUT X_2TX
Setting 17.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35752G	55.68	68.20	-12.52	42.07	3	Vertical	65	1.18	-	39.42	8.22	34.03
PK	15.53564G	58.27	74.00	-15.73	44.01	3	Vertical	164	2.75	-	38.52	9.97	34.23
AV	15.53944G	45.07	54.00	-8.93	30.84	3	Vertical	164	2.75	-	38.50	9.97	34.24

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

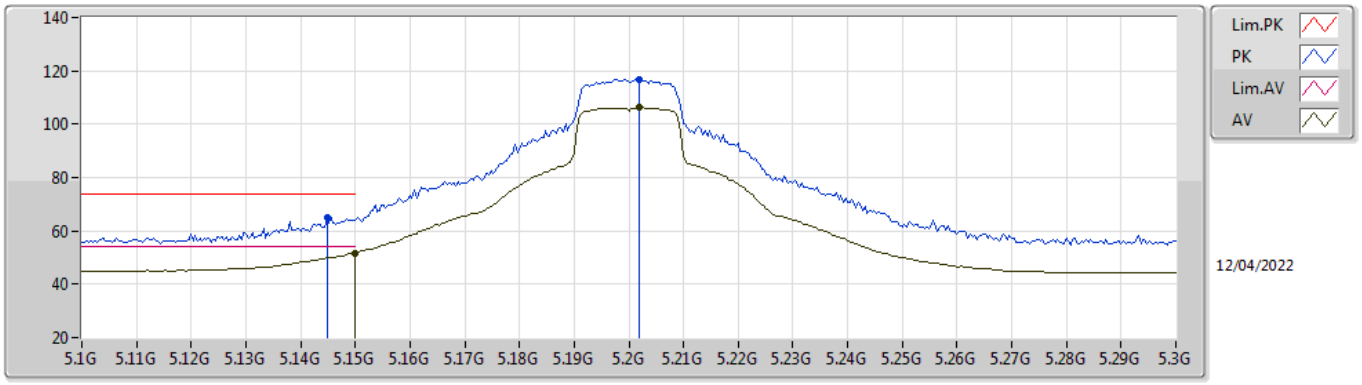


EUT X_2TX
Setting 17.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3609G	55.85	68.20	-12.35	42.23	3	Horizontal	265	2.84	-	39.42	8.23	34.03
PK	15.54392G	58.73	74.00	-15.27	44.52	3	Horizontal	277	2.31	-	38.48	9.97	34.24
AV	15.53696G	45.12	54.00	-8.88	30.86	3	Horizontal	277	2.31	-	38.52	9.97	34.23

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

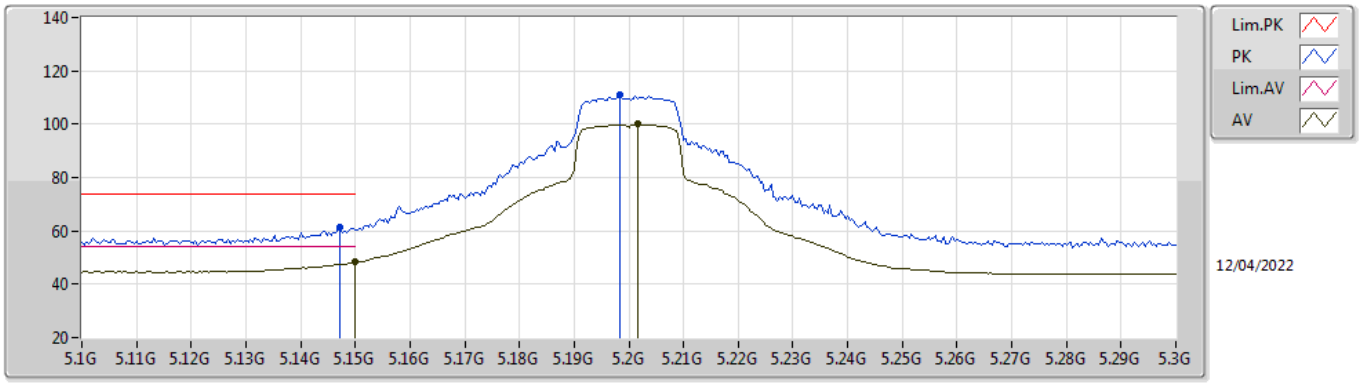


EUT X_2TX
Setting 20.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1448G	64.92	74.00	-9.08	59.64	3	Vertical	68	2.26	-	31.73	5.52	31.97
AV	5.15G	51.77	54.00	-2.23	46.52	3	Vertical	68	2.26	-	31.70	5.53	31.98
PK	5.202G	116.68	Inf	-Inf	111.73	3	Vertical	68	2.26	-	31.39	5.56	32.00
AV	5.202G	106.15	Inf	-Inf	101.20	3	Vertical	68	2.26	-	31.39	5.56	32.00

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

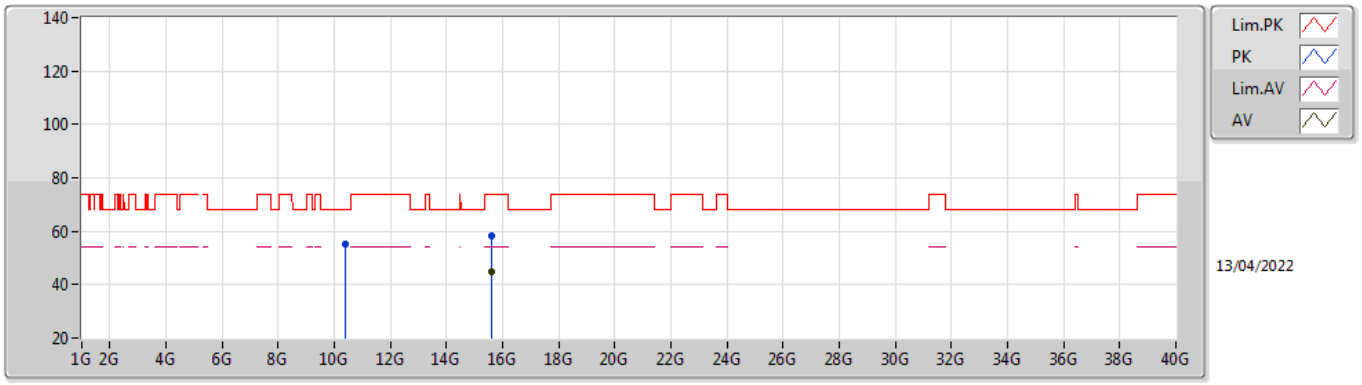


EUT X_2TX
Setting 20.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	61.28	74.00	-12.72	56.00	3	Horizontal	123	2.16	-	31.72	5.53	31.97
AV	5.15G	48.26	54.00	-5.74	43.01	3	Horizontal	123	2.16	-	31.70	5.53	31.98
PK	5.1984G	110.78	Inf	-Inf	105.81	3	Horizontal	123	2.16	-	31.41	5.56	32.00
AV	5.2016G	99.92	Inf	-Inf	94.97	3	Horizontal	123	2.16	-	31.39	5.56	32.00

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

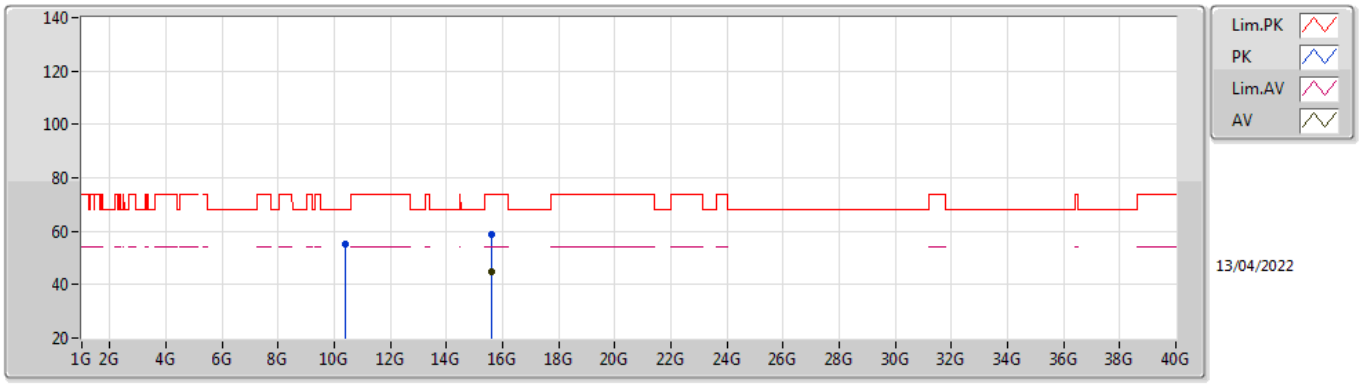


EUT X_2TX
Setting 20.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39878G	55.07	68.20	-13.13	41.38	3	Vertical	179	2.44	-	39.50	8.25	34.06
PK	15.59666G	58.11	74.00	-15.89	44.17	3	Vertical	238	1.45	-	38.22	9.98	34.26
AV	15.60056G	44.72	54.00	-9.28	30.80	3	Vertical	238	1.45	-	38.20	9.98	34.26

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

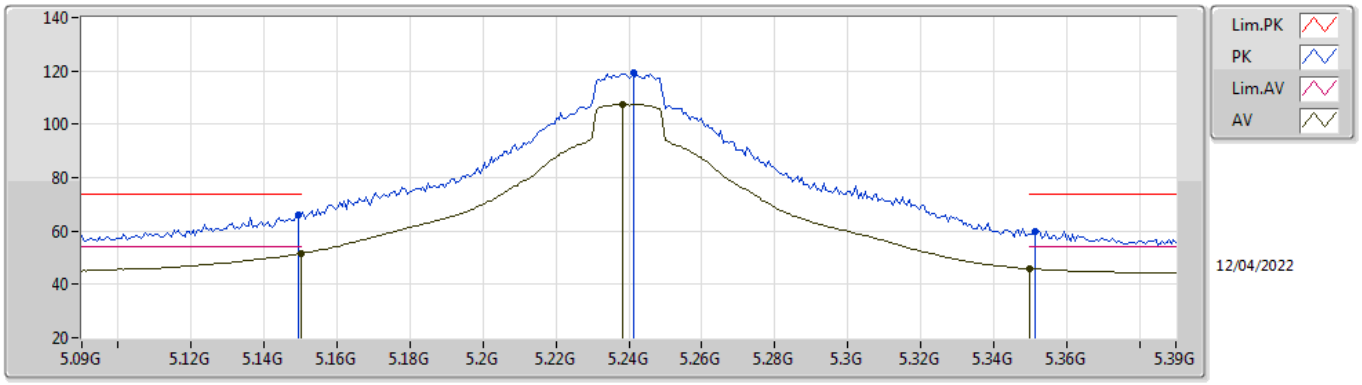


EUT X_2TX
Setting 20.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40044G	55.21	68.20	-12.99	41.52	3	Horizontal	230	2.66	-	39.50	8.25	34.06
PK	15.60196G	58.59	74.00	-15.41	44.68	3	Horizontal	290	1.05	-	38.19	9.98	34.26
AV	15.60134G	44.70	54.00	-9.30	30.79	3	Horizontal	290	1.05	-	38.19	9.98	34.26

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

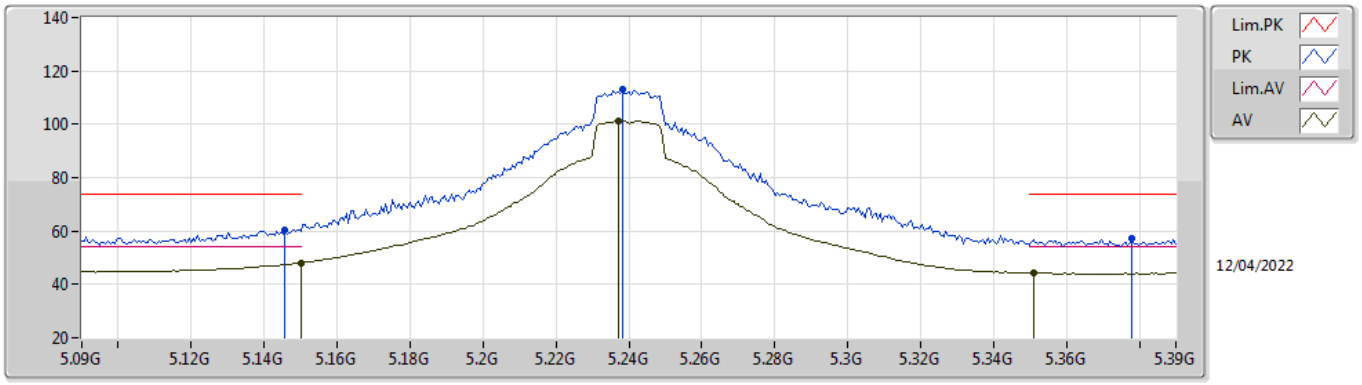


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	65.93	74.00	-8.07	60.68	3	Vertical	69	2.22	-	31.70	5.53	31.98
AV	5.15G	51.51	54.00	-2.49	46.26	3	Vertical	69	2.22	-	31.70	5.53	31.98
PK	5.2412G	119.17	Inf	-Inf	114.45	3	Vertical	69	2.22	-	31.15	5.59	32.02
AV	5.2382G	107.51	Inf	-Inf	102.76	3	Vertical	69	2.22	-	31.17	5.59	32.01
PK	5.3516G	59.81	74.00	-14.19	55.09	3	Vertical	69	2.22	-	31.11	5.67	32.06
AV	5.35G	45.88	54.00	-8.12	41.17	3	Vertical	69	2.22	-	31.10	5.67	32.06

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

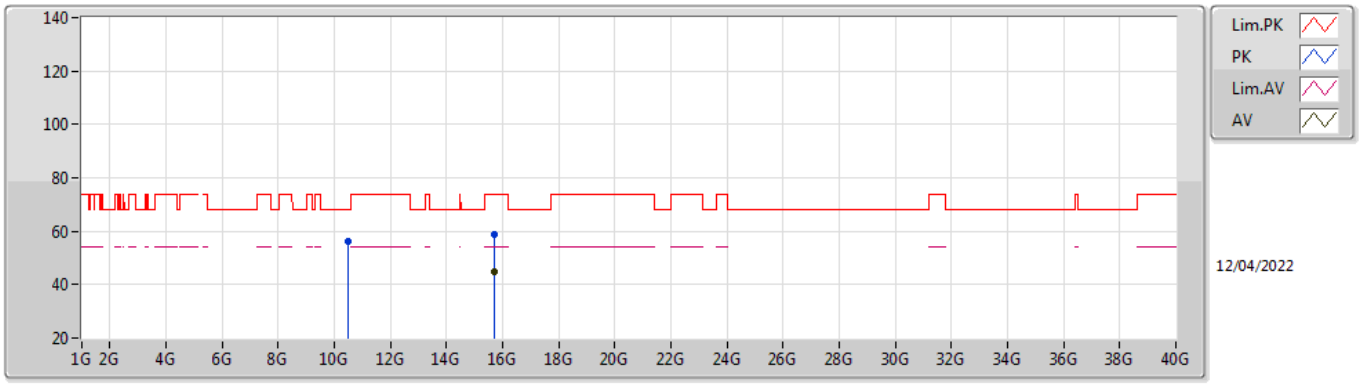


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1458G	60.41	74.00	-13.59	55.13	3	Horizontal	124	2.12	-	31.73	5.52	31.97
AV	5.15G	48.02	54.00	-5.98	42.77	3	Horizontal	124	2.12	-	31.70	5.53	31.98
PK	5.2382G	113.34	Inf	-Inf	108.59	3	Horizontal	124	2.12	-	31.17	5.59	32.01
AV	5.237G	101.13	Inf	-Inf	96.37	3	Horizontal	124	2.12	-	31.18	5.59	32.01
PK	5.378G	57.03	74.00	-16.97	52.16	3	Horizontal	124	2.12	-	31.27	5.68	32.08
AV	5.351G	44.33	54.00	-9.67	39.61	3	Horizontal	124	2.12	-	31.11	5.67	32.06

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

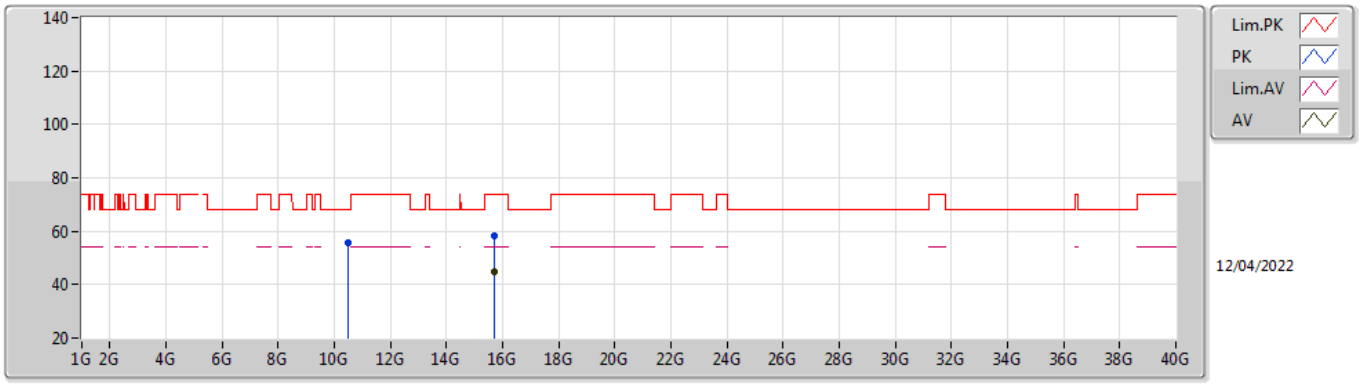


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47324G	56.29	68.20	-11.91	42.55	3	Vertical	91	1.53	-	39.57	8.29	34.12
PK	15.7278G	58.58	74.00	-15.42	45.08	3	Vertical	196	2.98	-	37.80	10.01	34.31
AV	15.71394G	44.70	54.00	-9.30	31.20	3	Vertical	196	2.98	-	37.80	10.01	34.31

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

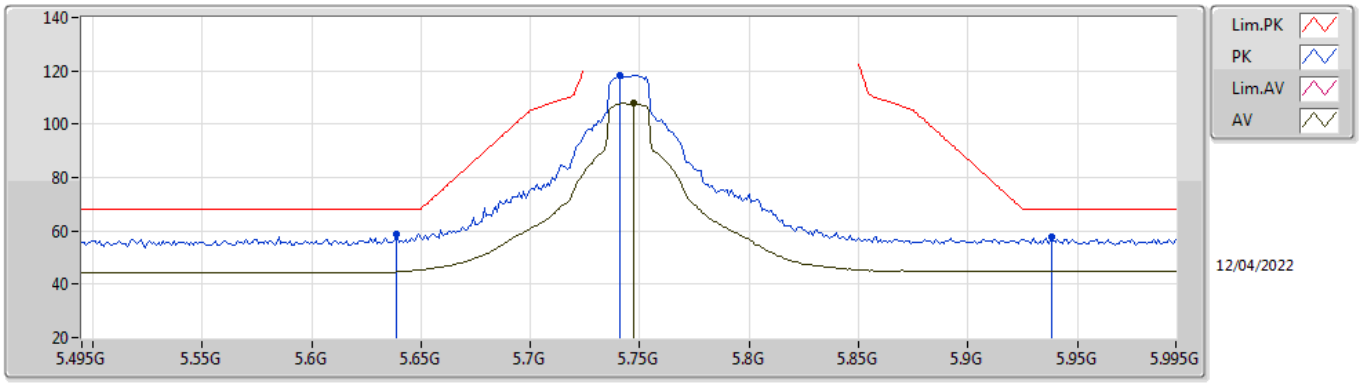


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47228G	55.54	68.20	-12.66	41.80	3	Horizontal	130	2.55	-	39.57	8.29	34.12
PK	15.72868G	58.14	74.00	-15.86	44.64	3	Horizontal	333	3.00	-	37.80	10.01	34.31
AV	15.72862G	44.58	54.00	-9.42	31.08	3	Horizontal	333	3.00	-	37.80	10.01	34.31

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

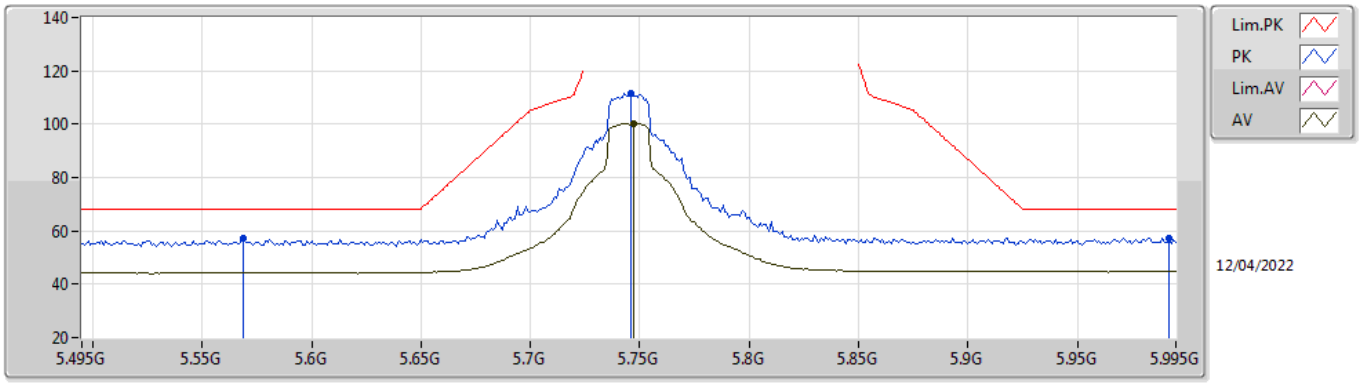


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.639G	58.62	68.20	-9.58	53.34	3	Vertical	110	2.20	-	31.60	5.89	32.21
PK	5.741G	118.40	Inf	-Inf	112.82	3	Vertical	110	2.20	-	31.96	5.89	32.27
AV	5.747G	107.84	Inf	-Inf	102.24	3	Vertical	110	2.20	-	31.99	5.89	32.28
PK	5.938G	57.86	68.20	-10.34	52.03	3	Vertical	110	2.20	-	32.18	6.04	32.39

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

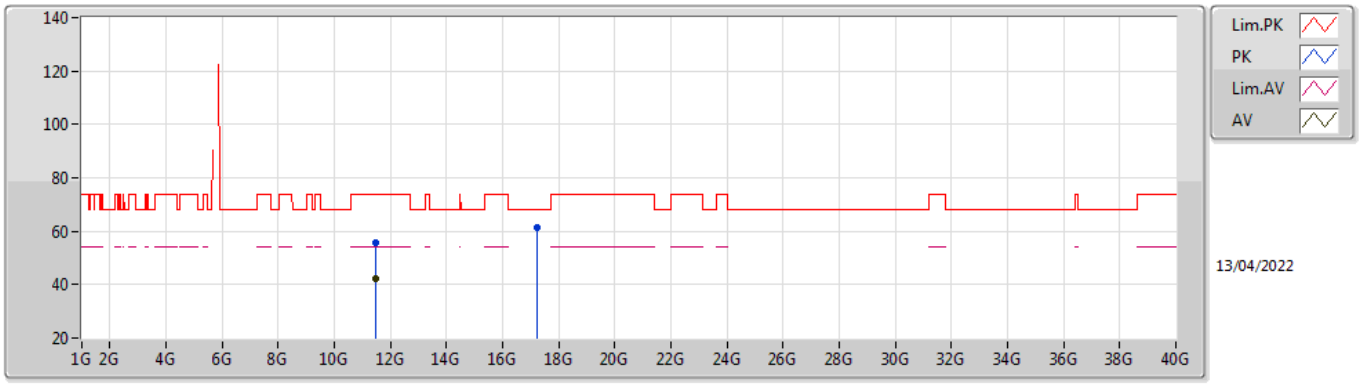


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.569G	57.47	68.20	-10.73	52.24	3	Horizontal	118	1.95	-	31.54	5.86	32.17
PK	5.746G	111.68	Inf	-Inf	106.09	3	Horizontal	118	1.95	-	31.98	5.89	32.28
AV	5.747G	100.38	Inf	-Inf	94.78	3	Horizontal	118	1.95	-	31.99	5.89	32.28
PK	5.992G	57.45	68.20	-10.75	51.58	3	Horizontal	118	1.95	-	32.20	6.10	32.43

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

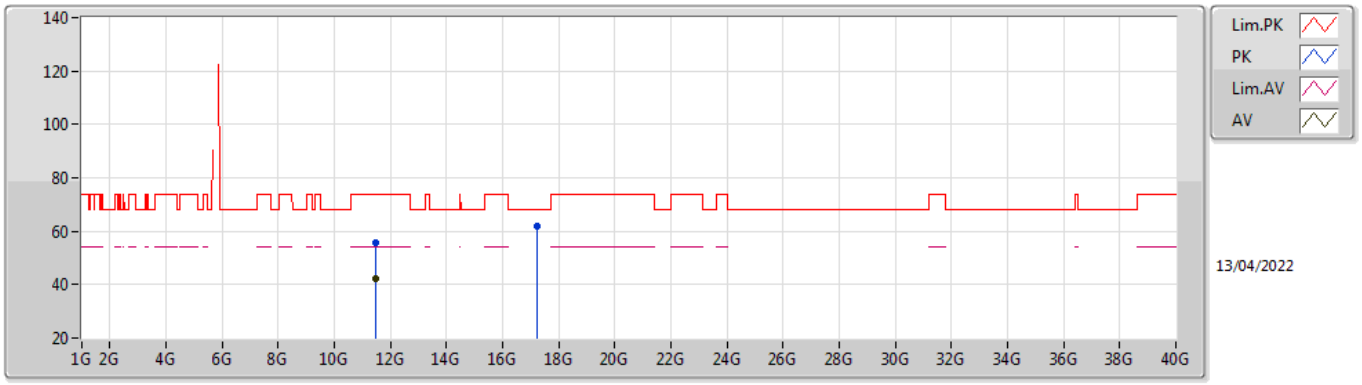


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49134G	55.92	74.00	-18.08	41.74	3	Vertical	138	2.38	-	39.62	8.87	34.31
AV	11.4919G	42.43	54.00	-11.57	28.25	3	Vertical	138	2.38	-	39.62	8.87	34.31
PK	17.2311G	61.46	68.20	-6.74	44.63	3	Vertical	309	2.19	-	41.02	10.41	34.60

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

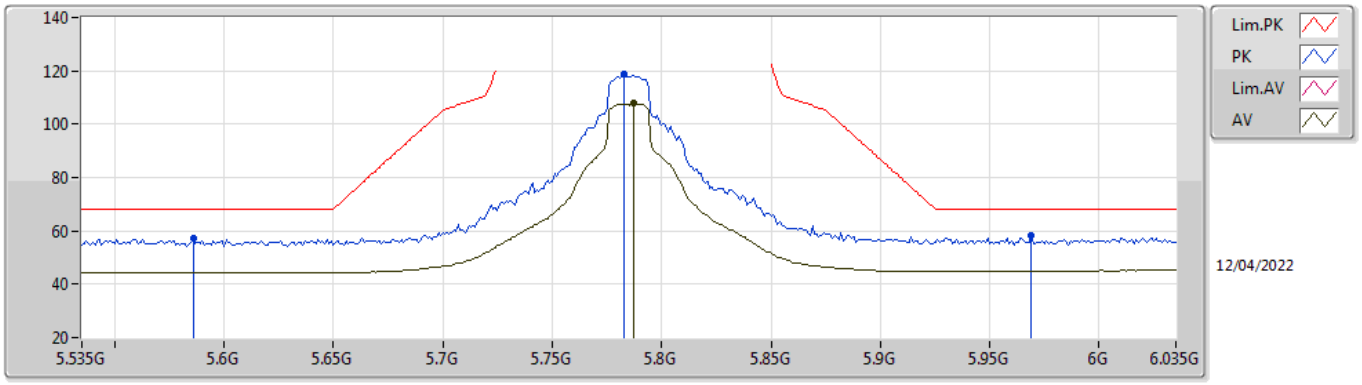


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49482G	55.85	74.00	-18.15	41.68	3	Horizontal	151	1.22	-	39.61	8.87	34.31
AV	11.49456G	42.46	54.00	-11.54	28.29	3	Horizontal	151	1.22	-	39.61	8.87	34.31
PK	17.23264G	61.71	68.20	-6.49	44.87	3	Horizontal	339	1.23	-	41.03	10.41	34.60

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

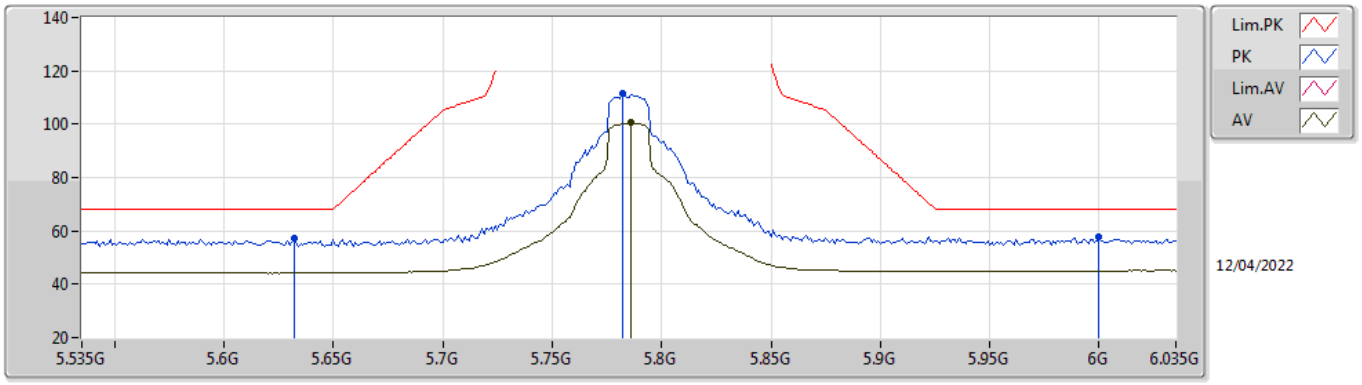


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.586G	57.12	68.20	-11.08	51.85	3	Vertical	109	2.08	-	31.57	5.88	32.18
PK	5.783G	118.75	Inf	-Inf	113.16	3	Vertical	109	2.08	-	32.00	5.89	32.30
AV	5.787G	107.92	Inf	-Inf	102.33	3	Vertical	109	2.08	-	32.00	5.89	32.30
PK	5.969G	58.04	68.20	-10.16	52.17	3	Vertical	109	2.08	-	32.20	6.08	32.41

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

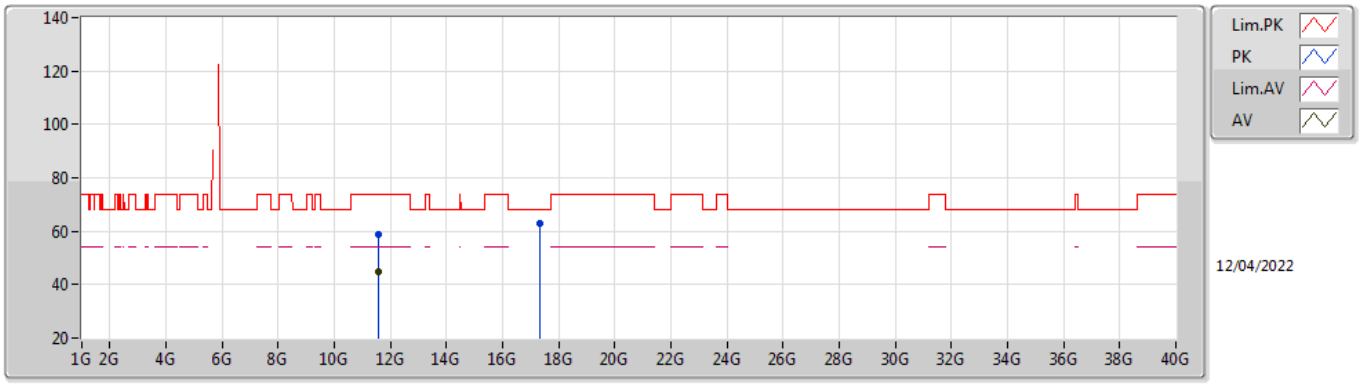


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.632G	57.34	68.20	-10.86	52.06	3	Horizontal	118	1.93	-	31.60	5.89	32.21
PK	5.782G	111.51	Inf	-Inf	105.92	3	Horizontal	118	1.93	-	32.00	5.89	32.30
AV	5.786G	100.45	Inf	-Inf	94.86	3	Horizontal	118	1.93	-	32.00	5.89	32.30
PK	6G	57.81	68.20	-10.39	51.93	3	Horizontal	118	1.93	-	32.20	6.11	32.43

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

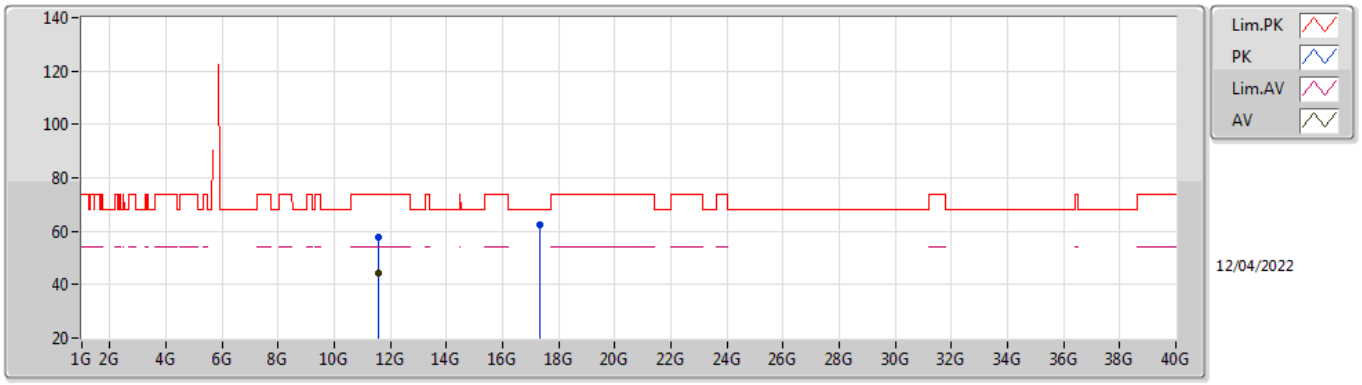


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57228G	58.63	74.00	-15.37	44.48	3	Vertical	40	1.93	-	39.53	8.92	34.30
AV	11.57012G	44.61	54.00	-9.39	30.47	3	Vertical	40	1.93	-	39.53	8.91	34.30
PK	17.34294G	62.73	68.20	-5.47	45.20	3	Vertical	302	1.80	-	41.73	10.44	34.64

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

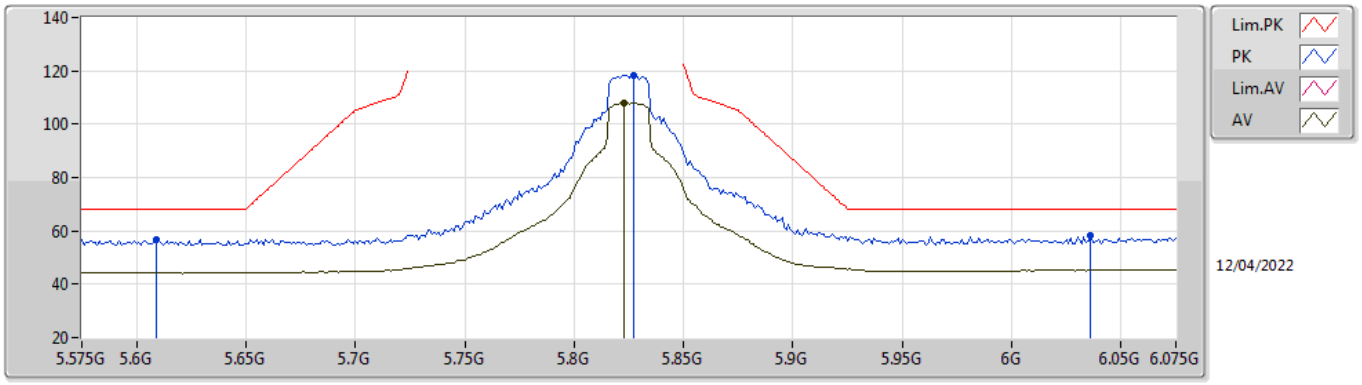


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5667G	57.52	74.00	-16.48	43.38	3	Horizontal	292	2.64	-	39.53	8.91	34.30
AV	11.5709G	44.37	54.00	-9.63	30.22	3	Horizontal	292	2.64	-	39.53	8.92	34.30
PK	17.34012G	62.50	68.20	-5.70	45.00	3	Horizontal	315	1.80	-	41.70	10.44	34.64

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

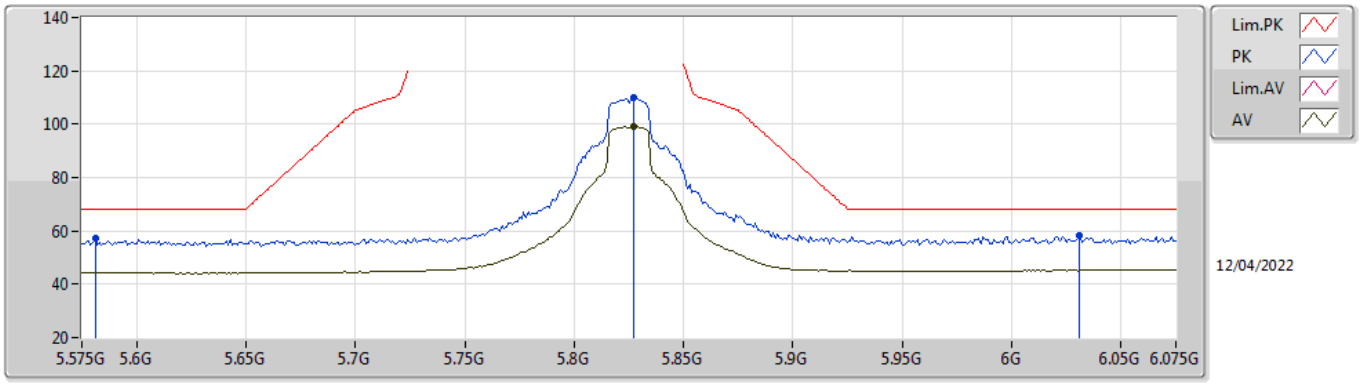


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.609G	56.61	68.20	-11.59	51.32	3	Vertical	111	2.13	-	31.60	5.89	32.20
PK	5.827G	118.44	Inf	-Inf	112.85	3	Vertical	111	2.13	-	32.00	5.92	32.33
AV	5.823G	107.98	Inf	-Inf	102.38	3	Vertical	111	2.13	-	32.00	5.92	32.32
PK	6.036G	58.08	68.20	-10.12	51.99	3	Vertical	111	2.13	-	32.42	6.12	32.45

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

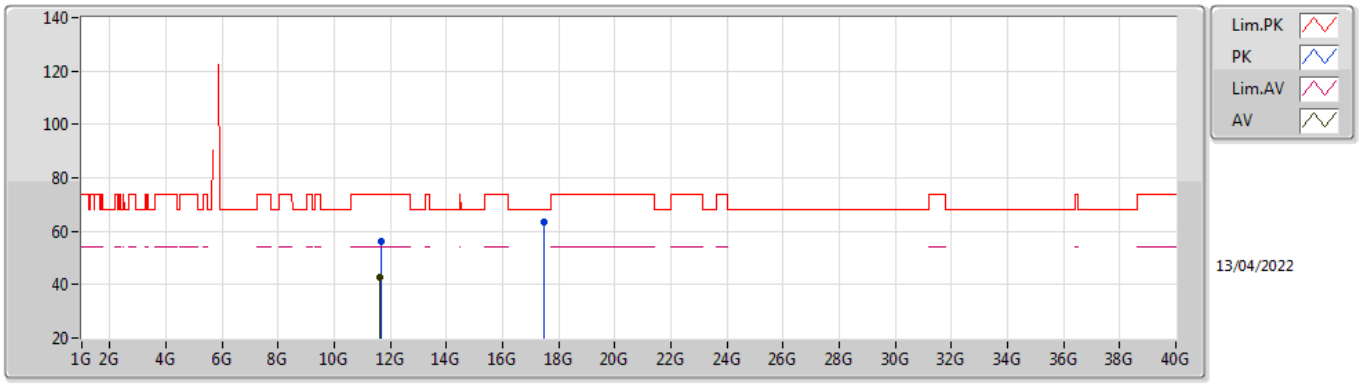


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.581G	57.36	68.20	-10.84	52.11	3	Horizontal	120	1.80	-	31.56	5.87	32.18
PK	5.827G	109.88	Inf	-Inf	104.29	3	Horizontal	120	1.80	-	32.00	5.92	32.33
AV	5.827G	99.12	Inf	-Inf	93.53	3	Horizontal	120	1.80	-	32.00	5.92	32.33
PK	6.031G	58.50	68.20	-9.70	52.44	3	Horizontal	120	1.80	-	32.39	6.11	32.44

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

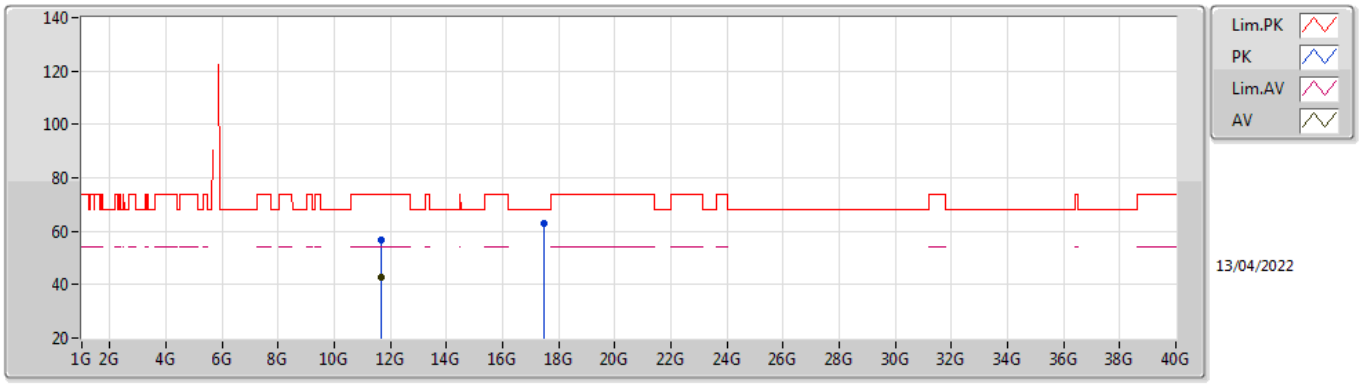


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64862G	56.41	74.00	-17.59	42.38	3	Vertical	127	1.51	-	39.35	8.96	34.28
AV	11.64666G	42.55	54.00	-11.45	28.51	3	Vertical	127	1.51	-	39.36	8.96	34.28
PK	17.47456G	63.35	68.20	-4.85	44.67	3	Vertical	48	2.60	-	42.90	10.48	34.70

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

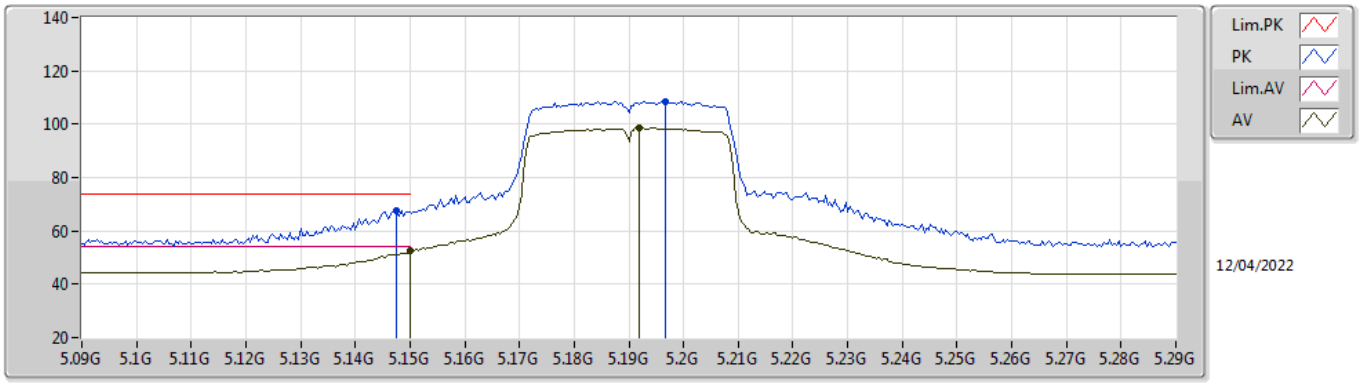


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6512G	56.69	74.00	-17.31	42.66	3	Horizontal	143	1.73	-	39.35	8.96	34.28
AV	11.6511G	42.58	54.00	-11.42	28.55	3	Horizontal	143	1.73	-	39.35	8.96	34.28
PK	17.47398G	62.92	68.20	-5.28	44.25	3	Horizontal	98	2.43	-	42.89	10.48	34.70

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

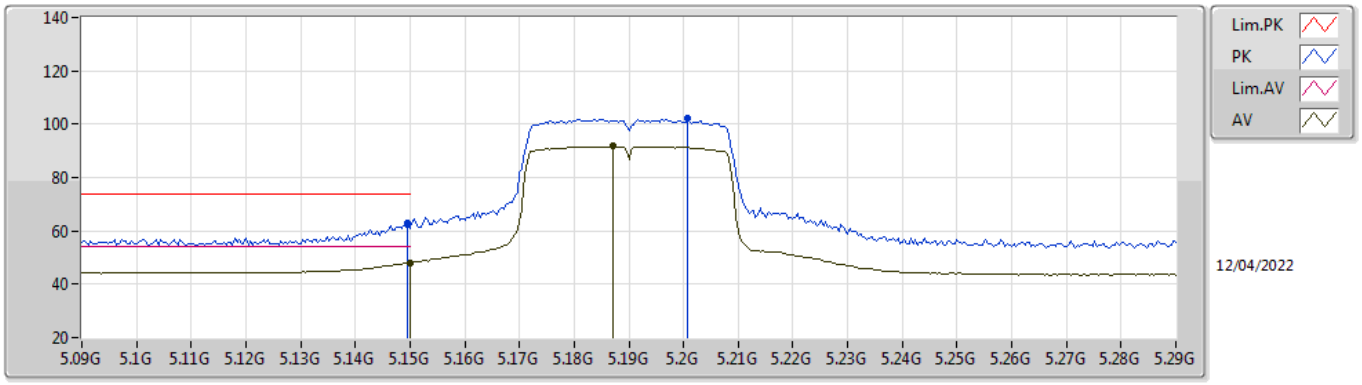


EUT X_2TX
Setting 15.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	67.82	74.00	-6.18	62.55	3	Vertical	68	2.26	-	31.71	5.53	31.97
AV	5.15G	52.62	54.00	-1.38	47.37	3	Vertical	68	2.26	-	31.70	5.53	31.98
PK	5.1968G	108.67	Inf	-Inf	103.69	3	Vertical	68	2.26	-	31.42	5.56	32.00
AV	5.192G	98.46	Inf	-Inf	93.45	3	Vertical	68	2.26	-	31.45	5.55	31.99

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

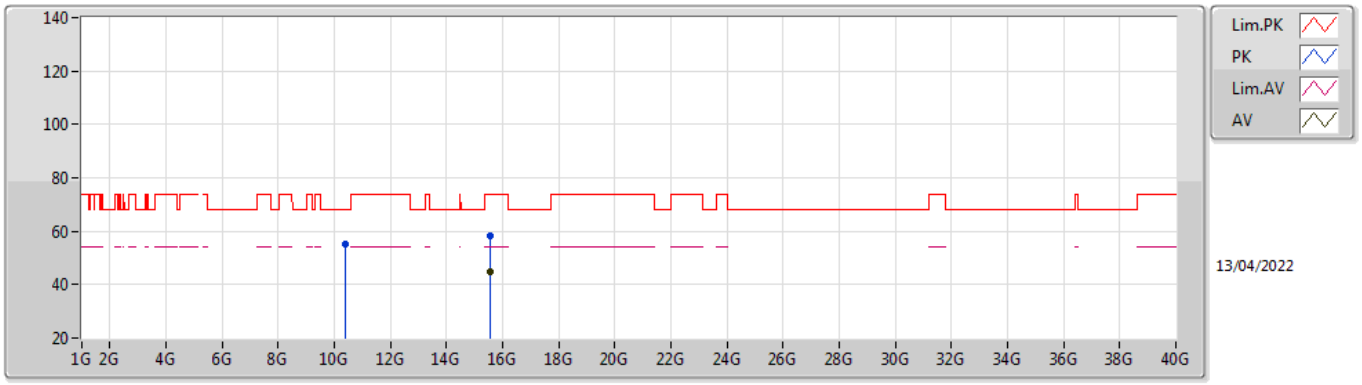


EUT X_2TX
Setting 15.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	62.96	74.00	-11.04	57.71	3	Horizontal	127	2.18	-	31.70	5.53	31.98
AV	5.15G	48.08	54.00	-5.92	42.83	3	Horizontal	127	2.18	-	31.70	5.53	31.98
PK	5.2008G	102.25	Inf	-Inf	97.29	3	Horizontal	127	2.18	-	31.40	5.56	32.00
AV	5.1872G	91.82	Inf	-Inf	86.78	3	Horizontal	127	2.18	-	31.48	5.55	31.99

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

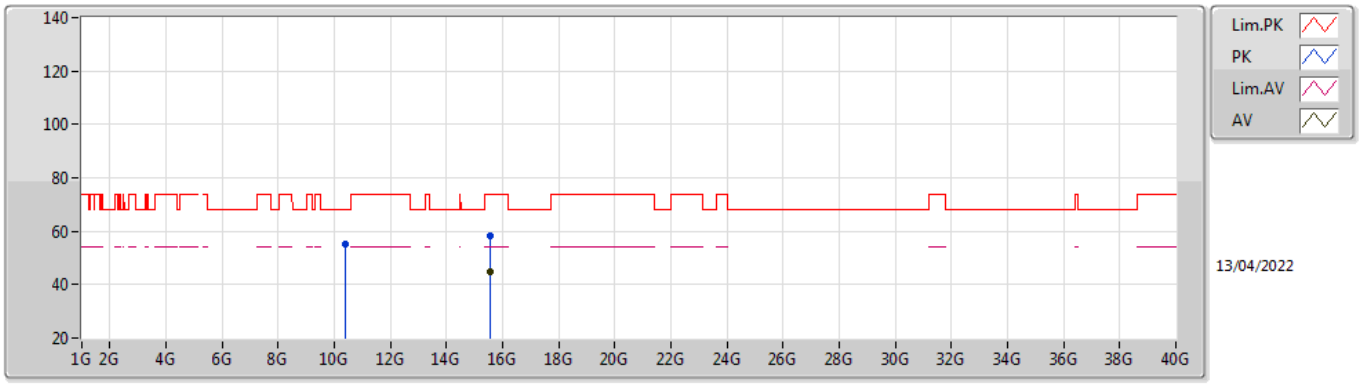


EUT X_2TX
Setting 15.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37852G	55.19	68.20	-13.01	41.54	3	Vertical	315	1.66	-	39.46	8.24	34.05
PK	15.56832G	58.33	74.00	-15.67	44.24	3	Vertical	61	1.62	-	38.36	9.98	34.25
AV	15.56728G	44.71	54.00	-9.29	30.62	3	Vertical	61	1.62	-	38.36	9.98	34.25

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

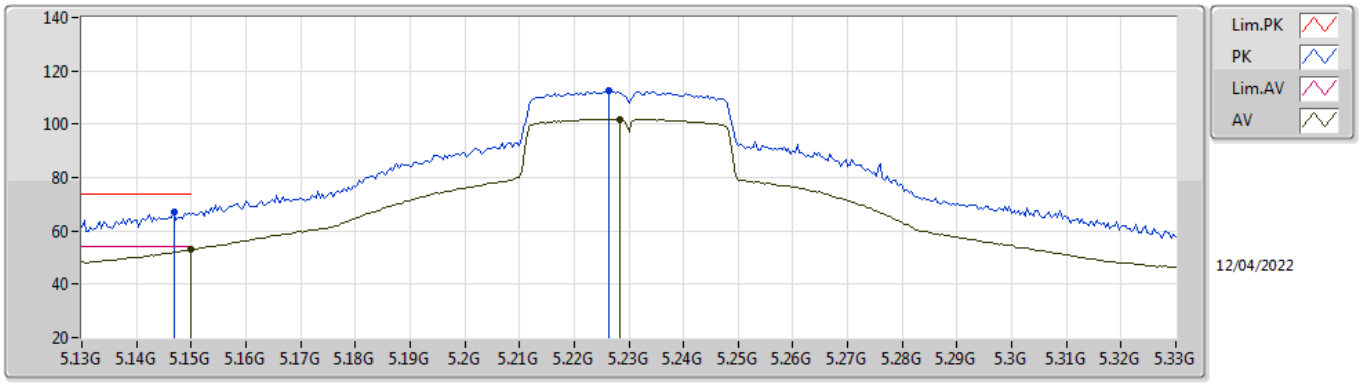


EUT X_2TX
Setting 15.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37986G	55.18	68.20	-13.02	41.53	3	Horizontal	230	1.24	-	39.46	8.24	34.05
PK	15.56838G	58.52	74.00	-15.48	44.43	3	Horizontal	272	2.37	-	38.36	9.98	34.25
AV	15.5651G	44.71	54.00	-9.29	30.61	3	Horizontal	272	2.37	-	38.37	9.98	34.25

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

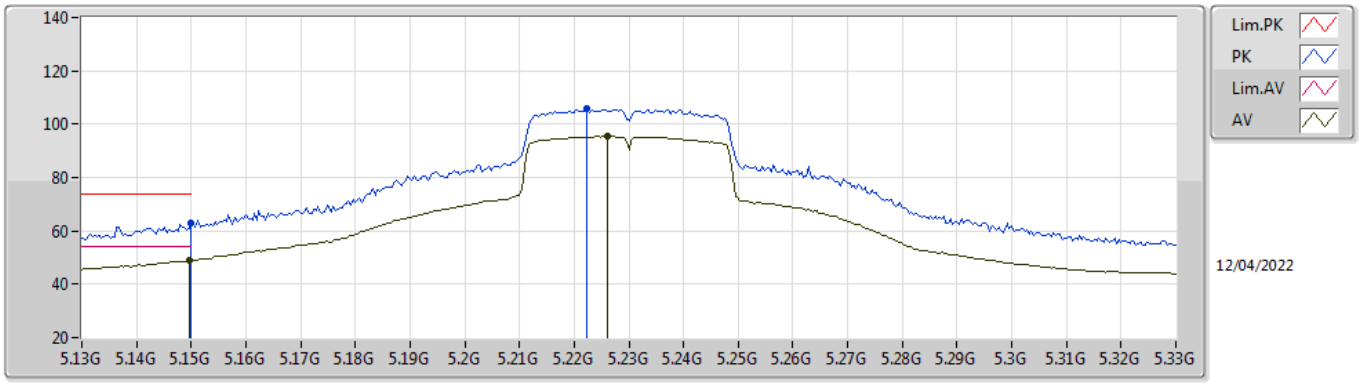


EUT X_2TX
Setting 18.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1468G	66.98	74.00	-7.02	61.70	3	Vertical	69	2.23	-	31.72	5.53	31.97
AV	5.15G	52.91	54.00	-1.09	47.66	3	Vertical	69	2.23	-	31.70	5.53	31.98
PK	5.2264G	112.34	Inf	-Inf	107.53	3	Vertical	69	2.23	-	31.24	5.58	32.01
AV	5.2284G	101.96	Inf	-Inf	97.16	3	Vertical	69	2.23	-	31.23	5.58	32.01

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

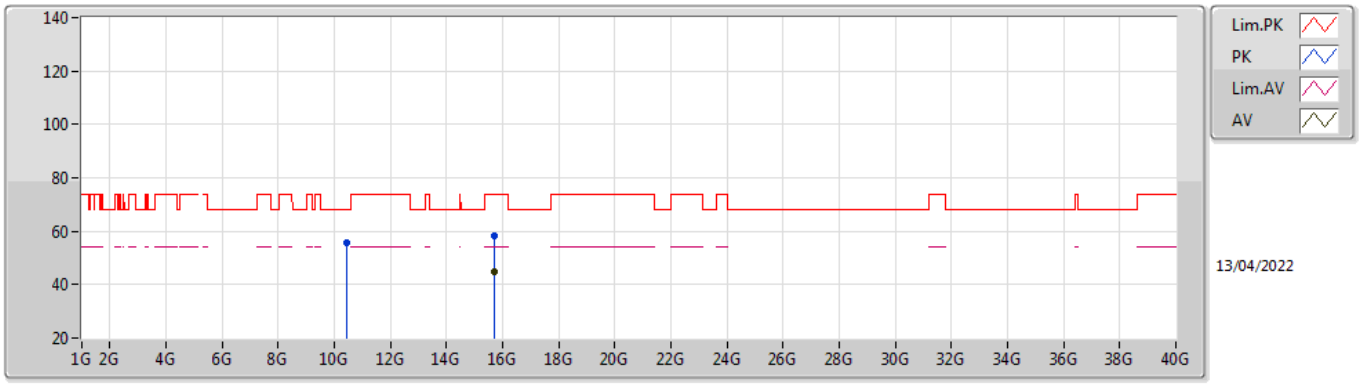


EUT X_2TX
Setting 18.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	62.69	74.00	-11.31	57.44	3	Horizontal	125	2.15	-	31.70	5.53	31.98
AV	5.1496G	48.81	54.00	-5.19	43.56	3	Horizontal	125	2.15	-	31.70	5.53	31.98
PK	5.2224G	105.87	Inf	-Inf	101.03	3	Horizontal	125	2.15	-	31.27	5.58	32.01
AV	5.226G	95.31	Inf	-Inf	90.50	3	Horizontal	125	2.15	-	31.24	5.58	32.01

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

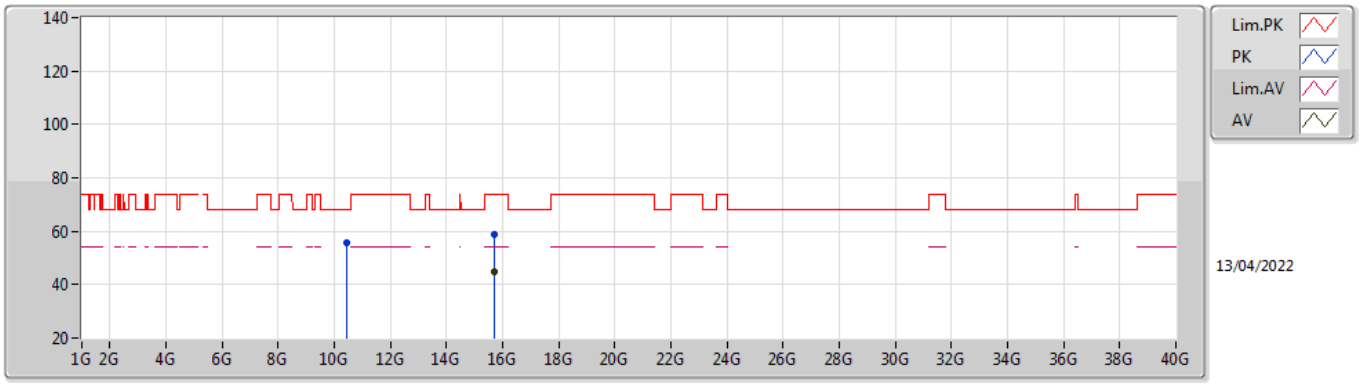


EUT X_2TX
Setting 18.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46246G	55.83	68.20	-12.37	42.10	3	Vertical	178	1.99	-	39.56	8.28	34.11
PK	15.6871G	58.20	74.00	-15.80	44.64	3	Vertical	295	2.82	-	37.85	10.00	34.29
AV	15.69454G	44.57	54.00	-9.43	31.05	3	Vertical	295	2.82	-	37.82	10.00	34.30

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

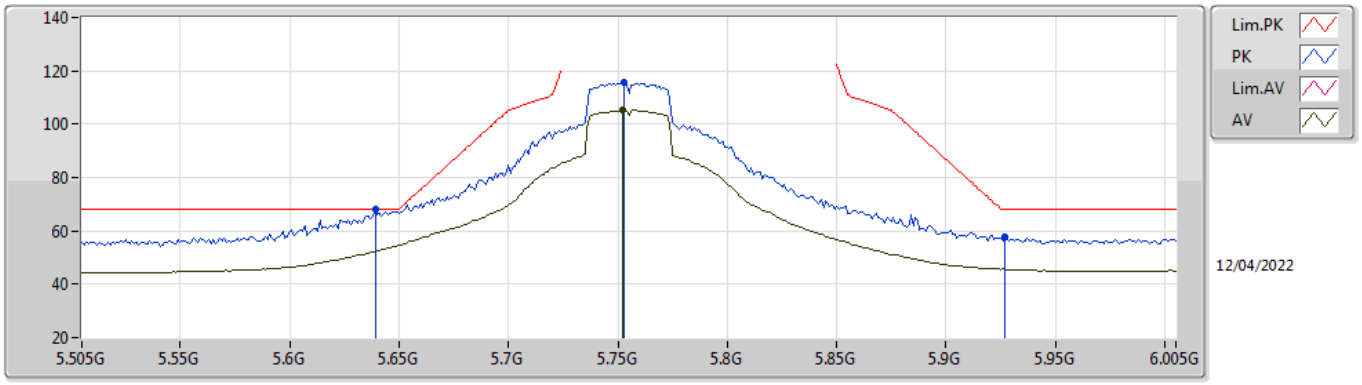


EUT X_2TX
Setting 18.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45692G	55.46	68.20	-12.74	41.73	3	Horizontal	21	1.78	-	39.56	8.28	34.11
PK	15.69152G	58.88	74.00	-15.12	45.35	3	Horizontal	48	1.75	-	37.83	10.00	34.30
AV	15.68646G	44.58	54.00	-9.42	31.02	3	Horizontal	48	1.75	-	37.85	10.00	34.29

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

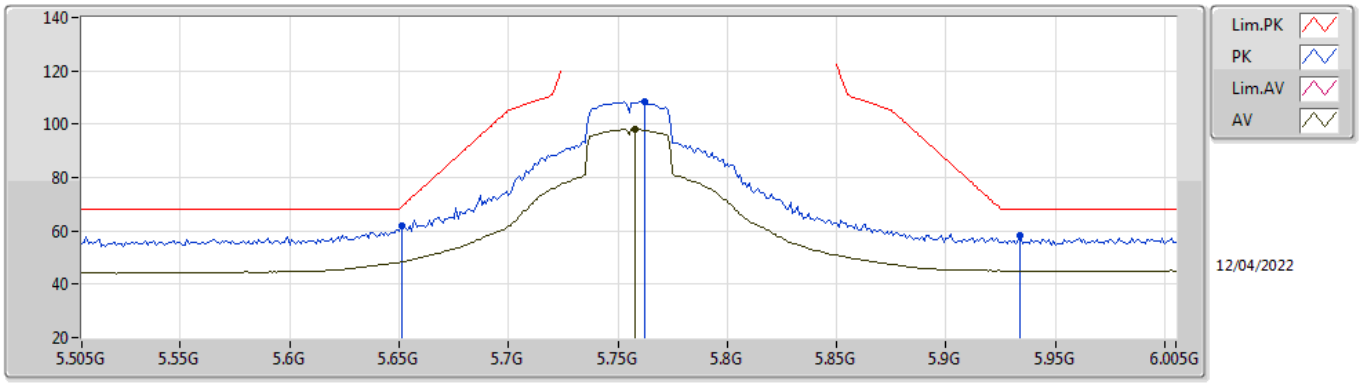


EUT X_2TX
Setting 21.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.639G	68.13	68.20	-0.07	62.85	3	Vertical	113	1.97	-	31.60	5.89	32.21
PK	5.753G	115.78	Inf	-Inf	110.17	3	Vertical	113	1.97	-	32.00	5.89	32.28
AV	5.752G	105.18	Inf	-Inf	99.57	3	Vertical	113	1.97	-	32.00	5.89	32.28
PK	5.927G	57.68	68.20	-10.52	51.89	3	Vertical	113	1.97	-	32.15	6.03	32.39

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

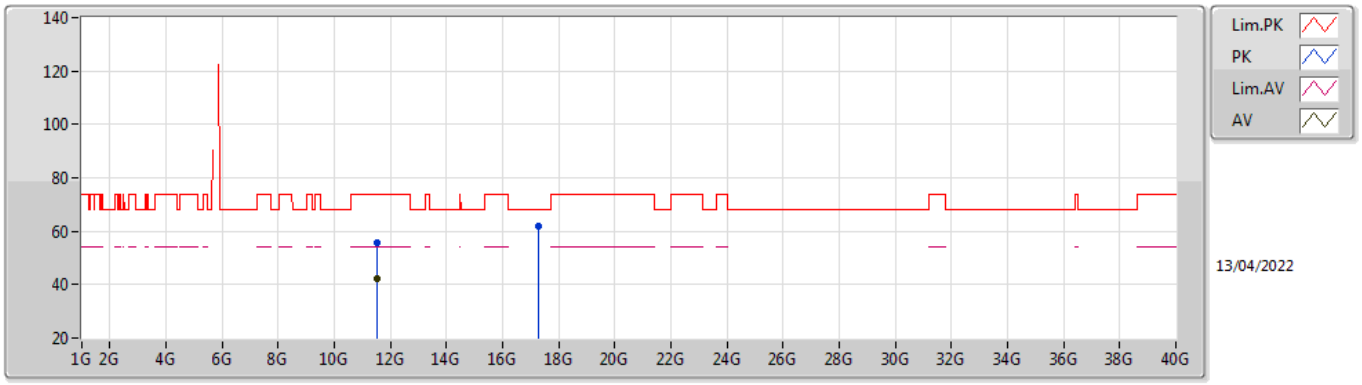


EUT X_2TX
Setting 21.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.651G	61.79	68.94	-7.15	56.52	3	Horizontal	118	1.94	-	31.60	5.89	32.22
PK	5.762G	108.36	Inf	-Inf	102.76	3	Horizontal	118	1.94	-	32.00	5.89	32.29
AV	5.758G	98.05	Inf	-Inf	92.44	3	Horizontal	118	1.94	-	32.00	5.89	32.28
PK	5.934G	58.04	68.20	-10.16	52.22	3	Horizontal	118	1.94	-	32.17	6.04	32.39

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

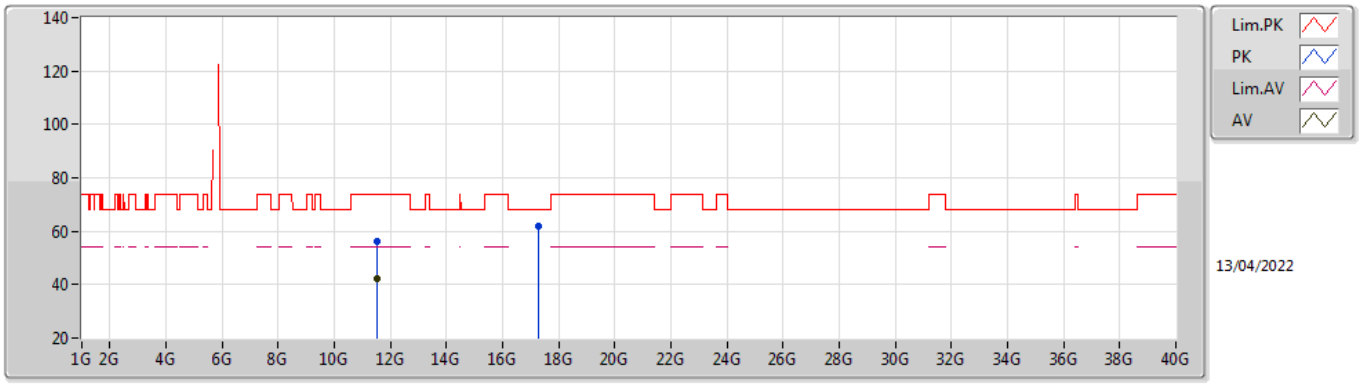


EUT X_2TX
Setting 21.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5056G	55.60	74.00	-18.40	41.44	3	Vertical	14	2.40	-	39.59	8.88	34.31
AV	11.50734G	42.49	54.00	-11.51	28.33	3	Vertical	14	2.40	-	39.59	8.88	34.31
PK	17.26194G	61.76	68.20	-6.44	44.80	3	Vertical	205	2.02	-	41.15	10.42	34.61

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

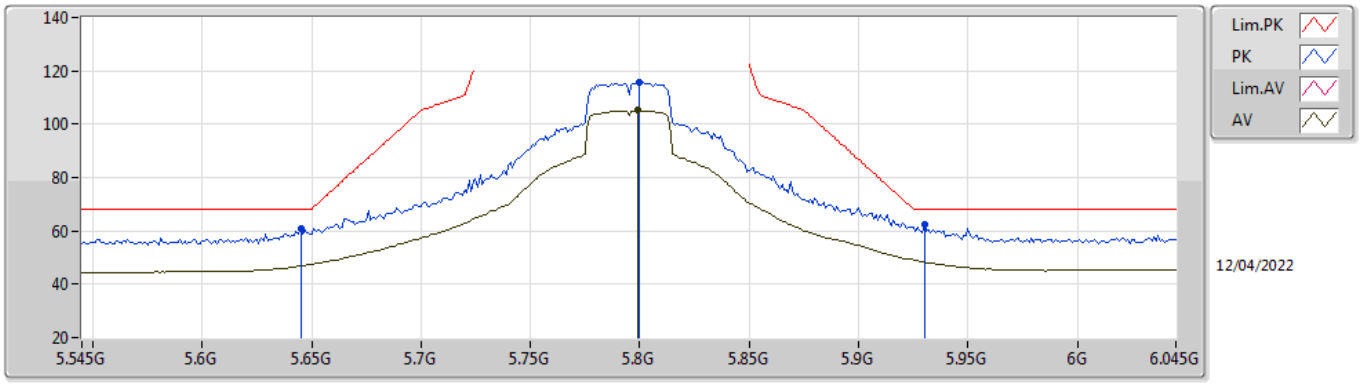


EUT X_2TX
Setting 21.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51392G	56.10	74.00	-17.90	41.94	3	Horizontal	51	2.33	-	39.59	8.88	34.31
AV	11.51442G	42.40	54.00	-11.60	28.24	3	Horizontal	51	2.33	-	39.59	8.88	34.31
PK	17.26024G	61.86	68.20	-6.34	44.91	3	Horizontal	115	1.64	-	41.14	10.42	34.61

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

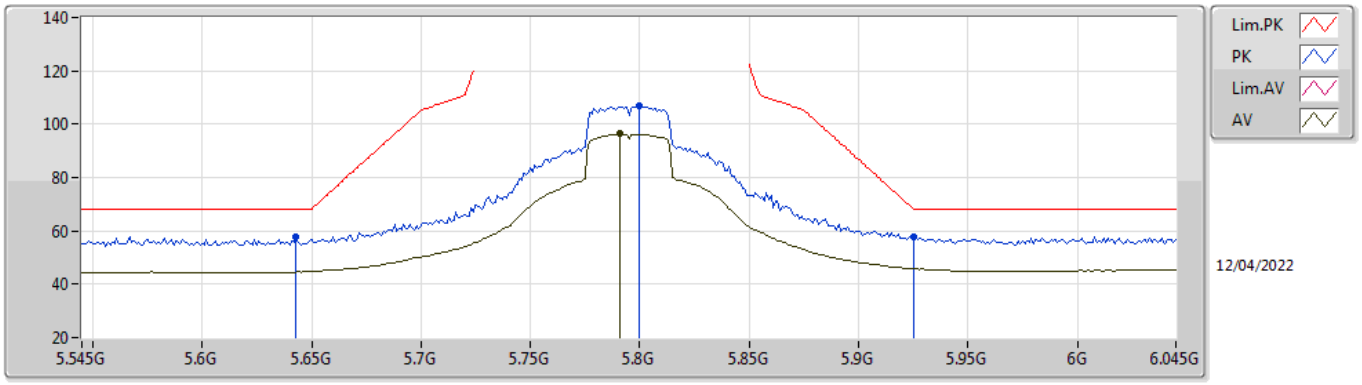


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	60.72	68.20	-7.48	55.45	3	Vertical	111	2.05	-	31.60	5.89	32.22
PK	5.8G	115.82	Inf	-Inf	110.24	3	Vertical	111	2.05	-	32.00	5.89	32.31
AV	5.799G	105.19	Inf	-Inf	99.61	3	Vertical	111	2.05	-	32.00	5.89	32.31
PK	5.93G	62.30	68.20	-5.90	56.50	3	Vertical	111	2.05	-	32.16	6.03	32.39

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

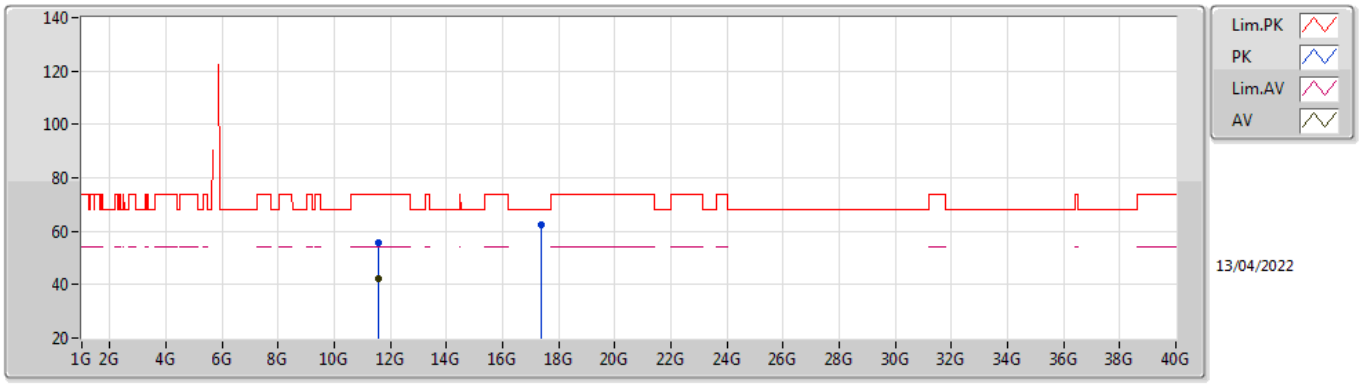


EUT X_2TX
Setting 23
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.643G	57.86	68.20	-10.34	52.59	3	Horizontal	120	1.80	-	31.60	5.89	32.22
PK	5.8G	106.84	Inf	-Inf	101.26	3	Horizontal	120	1.80	-	32.00	5.89	32.31
AV	5.791G	96.41	Inf	-Inf	90.82	3	Horizontal	120	1.80	-	32.00	5.89	32.30
PK	5.925G	58.00	68.20	-10.20	52.20	3	Horizontal	120	1.80	-	32.15	6.03	32.38

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

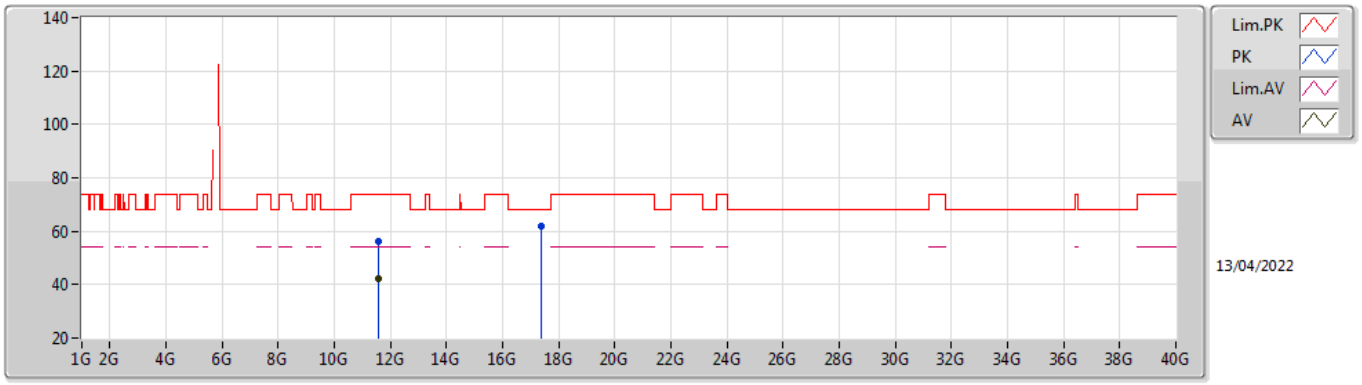


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5872G	55.67	74.00	-18.33	41.53	3	Vertical	144	2.79	-	39.51	8.92	34.29
AV	11.59078G	42.47	54.00	-11.53	28.32	3	Vertical	144	2.79	-	39.51	8.93	34.29
PK	17.38936G	62.18	68.20	-6.02	44.19	3	Vertical	305	2.99	-	42.19	10.46	34.66

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

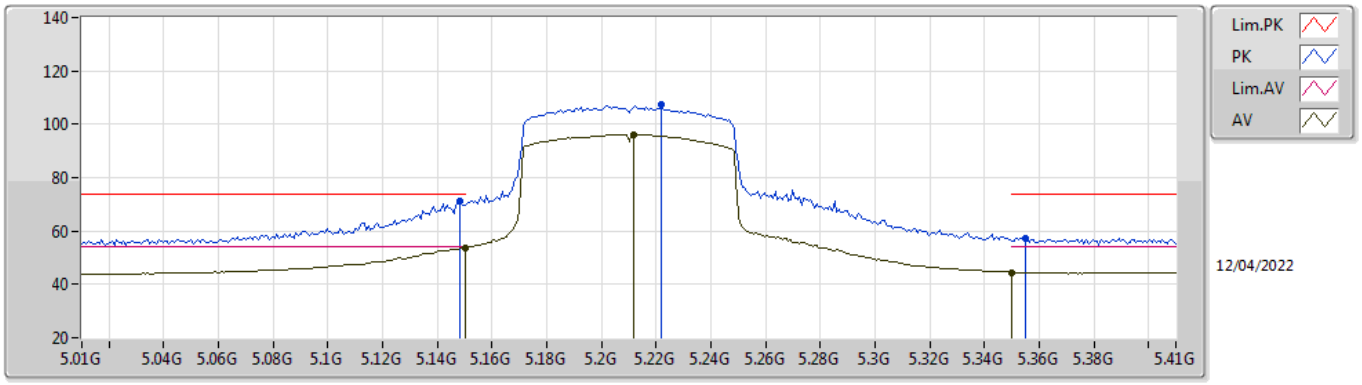


EUT X_2TX
Setting 23
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.592G	56.16	74.00	-17.84	42.01	3	Horizontal	237	2.37	-	39.51	8.93	34.29
AV	11.59476G	42.49	54.00	-11.51	28.34	3	Horizontal	237	2.37	-	39.51	8.93	34.29
PK	17.38728G	61.94	68.20	-6.26	43.97	3	Horizontal	103	2.84	-	42.17	10.46	34.66

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

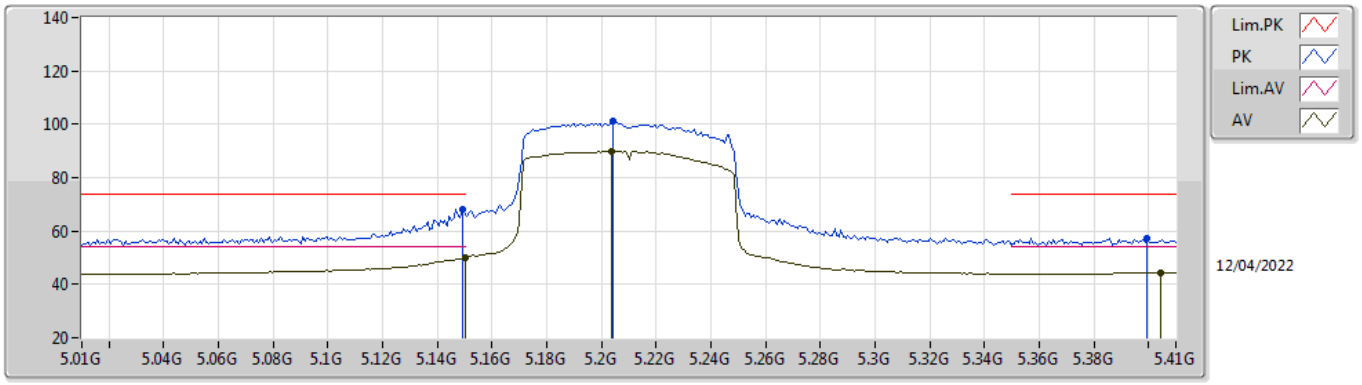


EUT X_2TX
Setting 16
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	70.97	74.00	-3.03	65.71	3	Vertical	68	2.13	-	31.71	5.53	31.98
AV	5.15G	53.75	54.00	-0.25	48.50	3	Vertical	68	2.13	-	31.70	5.53	31.98
PK	5.222G	107.34	Inf	-Inf	102.50	3	Vertical	68	2.13	-	31.27	5.58	32.01
AV	5.2116G	96.20	Inf	-Inf	91.30	3	Vertical	68	2.13	-	31.33	5.57	32.00
PK	5.3548G	57.39	74.00	-16.61	52.66	3	Vertical	68	2.13	-	31.13	5.67	32.07
AV	5.35G	44.52	54.00	-9.48	39.81	3	Vertical	68	2.13	-	31.10	5.67	32.06

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

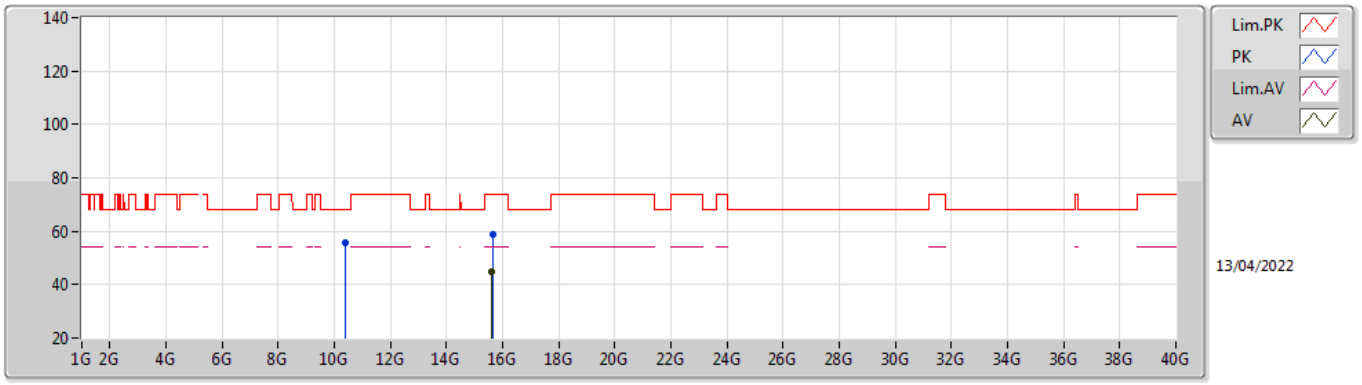


EUT X_2TX
Setting 16
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	68.13	74.00	-5.87	62.88	3	Horizontal	123	2.15	-	31.70	5.53	31.98
AV	5.15G	49.75	54.00	-4.25	44.50	3	Horizontal	123	2.15	-	31.70	5.53	31.98
PK	5.2044G	101.13	Inf	-Inf	96.20	3	Horizontal	123	2.15	-	31.37	5.56	32.00
AV	5.2036G	89.89	Inf	-Inf	84.95	3	Horizontal	123	2.15	-	31.38	5.56	32.00
PK	5.3996G	57.41	74.00	-16.59	52.40	3	Horizontal	123	2.15	-	31.40	5.70	32.09
AV	5.4044G	44.27	54.00	-9.73	39.25	3	Horizontal	123	2.15	-	31.41	5.70	32.09

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

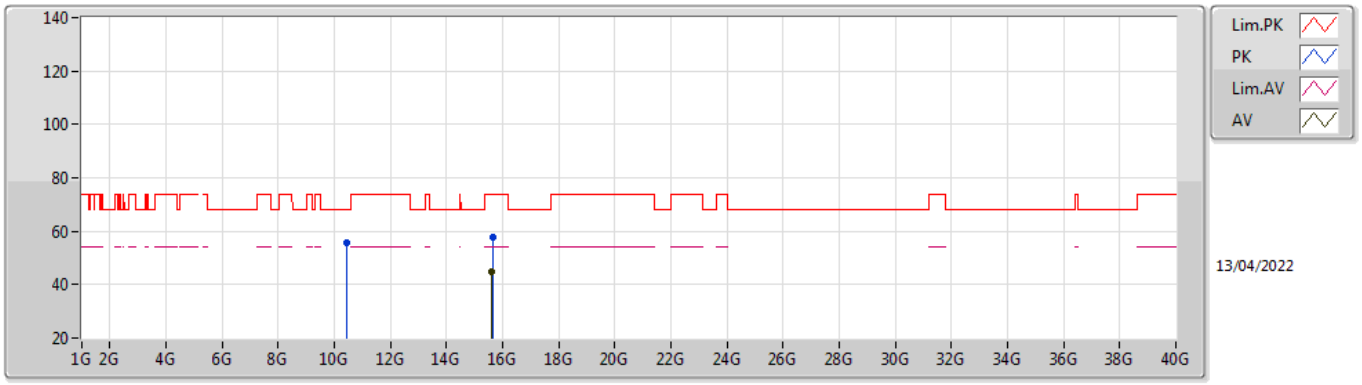


EUT X_2TX
Setting 16
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4161G	55.50	68.20	-12.70	41.80	3	Vertical	25	1.89	-	39.52	8.26	34.08
PK	15.6349G	58.75	74.00	-15.25	44.97	3	Vertical	164	1.46	-	38.06	9.99	34.27
AV	15.6254G	44.80	54.00	-9.20	30.98	3	Vertical	164	1.46	-	38.10	9.99	34.27

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

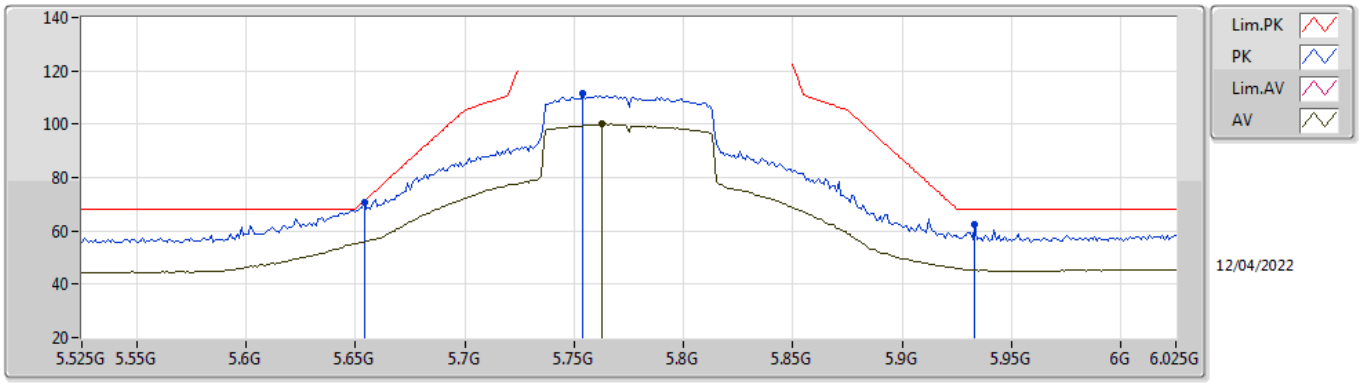


EUT X_2TX
Setting 16
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41874G	55.50	68.20	-12.70	41.80	3	Horizontal	6	2.96	-	39.52	8.26	34.08
PK	15.63418G	57.95	74.00	-16.05	44.17	3	Horizontal	85	1.43	-	38.06	9.99	34.27
AV	15.62516G	44.68	54.00	-9.32	30.86	3	Horizontal	85	1.43	-	38.10	9.99	34.27

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

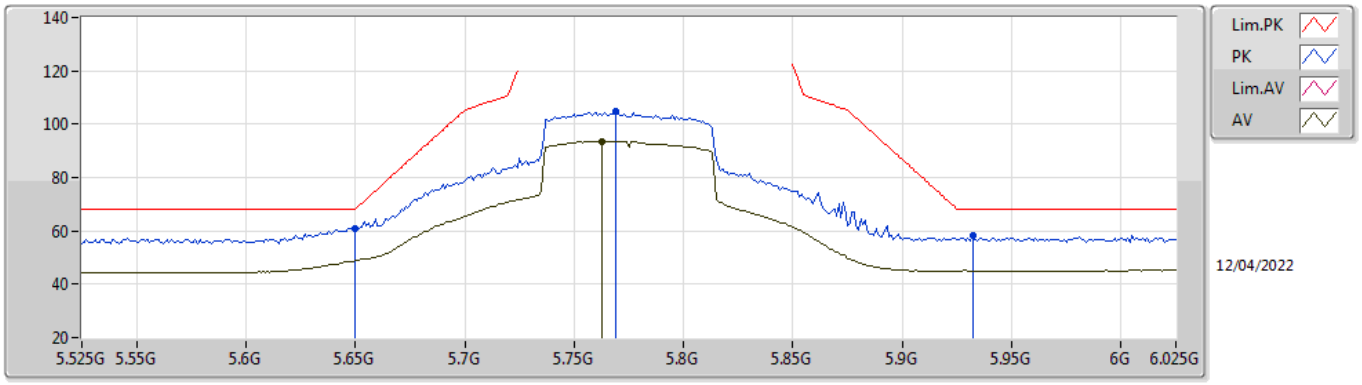


EUT X_2TX
Setting 20
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.654G	70.92	71.16	-0.24	65.63	3	Vertical	115	1.80	-	31.62	5.89	32.22
PK	5.754G	111.63	Inf	-Inf	106.02	3	Vertical	115	1.80	-	32.00	5.89	32.28
AV	5.763G	100.10	Inf	-Inf	94.50	3	Vertical	115	1.80	-	32.00	5.89	32.29
PK	5.933G	62.33	68.20	-5.87	56.51	3	Vertical	115	1.80	-	32.17	6.04	32.39

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

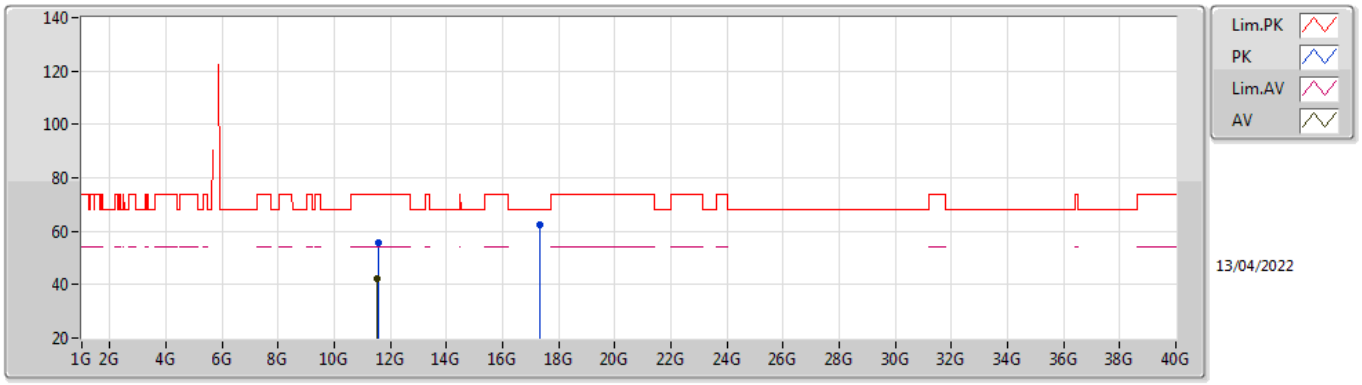


EUT X_2TX
Setting 20
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	61.00	68.20	-7.20	55.73	3	Horizontal	118	1.95	-	31.60	5.89	32.22
PK	5.769G	104.87	Inf	-Inf	99.27	3	Horizontal	118	1.95	-	32.00	5.89	32.29
AV	5.763G	93.69	Inf	-Inf	88.09	3	Horizontal	118	1.95	-	32.00	5.89	32.29
PK	5.932G	58.24	68.20	-9.96	52.43	3	Horizontal	118	1.95	-	32.16	6.04	32.39

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

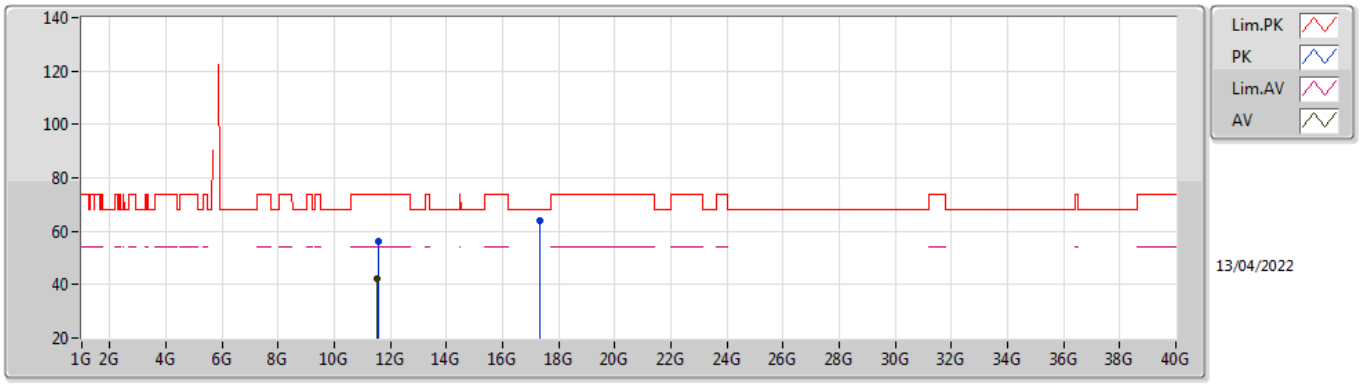


EUT X_2TX
Setting 20
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55026G	55.86	74.00	-18.14	41.71	3	Vertical	134	2.18	-	39.55	8.90	34.30
AV	11.5478G	42.39	54.00	-11.61	28.24	3	Vertical	134	2.18	-	39.55	8.90	34.30
PK	17.32878G	62.22	68.20	-5.98	44.83	3	Vertical	136	2.59	-	41.59	10.44	34.64

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

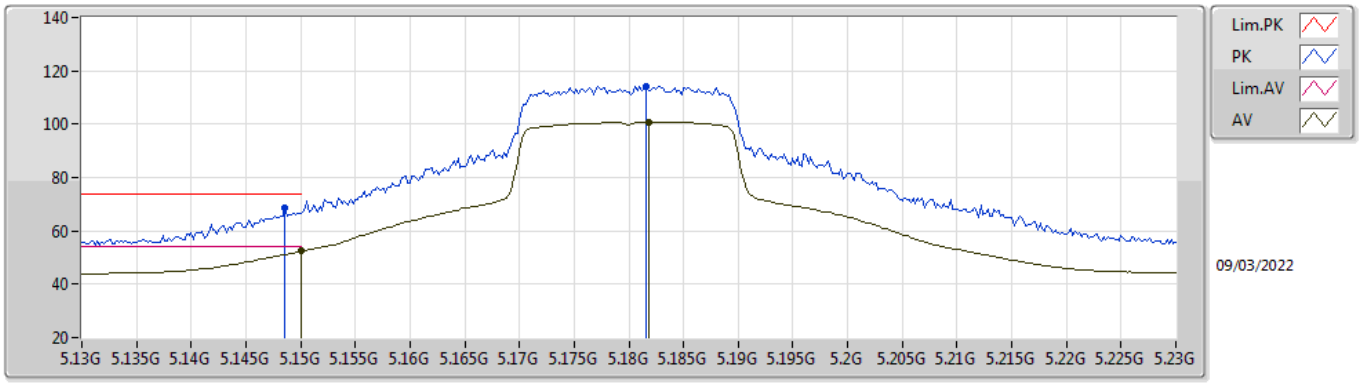


EUT X_2TX
Setting 20
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55386G	55.98	74.00	-18.02	41.82	3	Horizontal	358	1.62	-	39.55	8.91	34.30
AV	11.54654G	42.41	54.00	-11.59	28.26	3	Horizontal	358	1.62	-	39.55	8.90	34.30
PK	17.32186G	63.75	68.20	-4.45	46.43	3	Horizontal	156	2.16	-	41.52	10.44	34.64

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

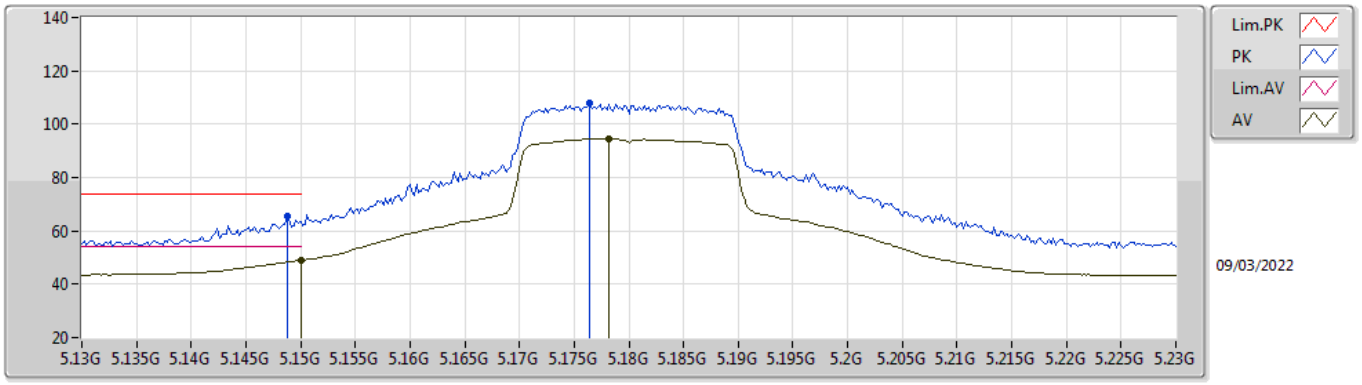


EUT X_2TX
Setting 18
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1486G	68.39	74.00	-5.61	61.79	3	Vertical	112	1.88	-	33.50	5.25	32.15
AV	5.15G	52.34	54.00	-1.66	45.74	3	Vertical	112	1.88	-	33.50	5.25	32.15
PK	5.1816G	114.23	Inf	-Inf	107.60	3	Vertical	112	1.88	-	33.50	5.28	32.15
AV	5.1818G	100.92	Inf	-Inf	94.29	3	Vertical	112	1.88	-	33.50	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

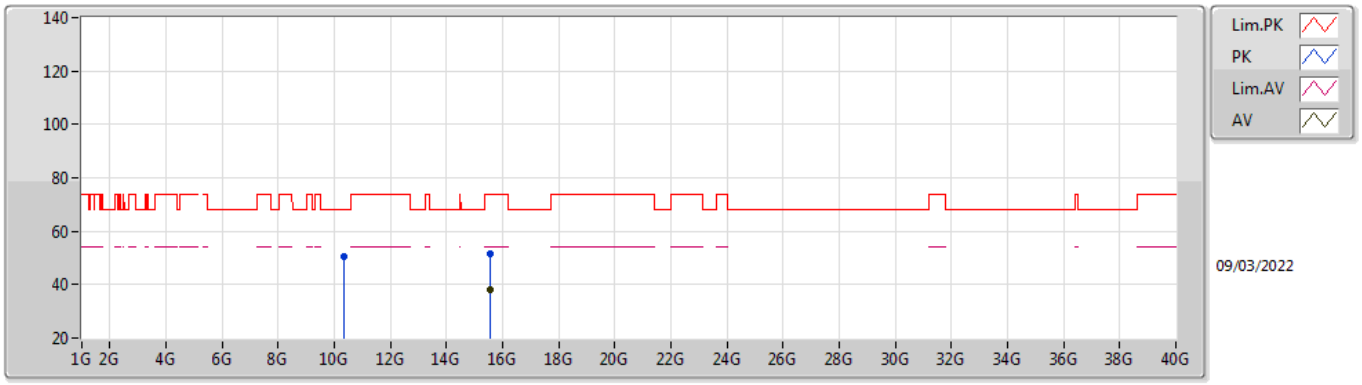


EUT X_2TX
Setting 18
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	65.32	74.00	-8.68	58.72	3	Horizontal	125	1.93	-	33.50	5.25	32.15
AV	5.15G	49.01	54.00	-4.99	42.41	3	Horizontal	125	1.93	-	33.50	5.25	32.15
PK	5.1764G	107.90	Inf	-Inf	101.27	3	Horizontal	125	1.93	-	33.50	5.28	32.15
AV	5.1782G	94.45	Inf	-Inf	87.82	3	Horizontal	125	1.93	-	33.50	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

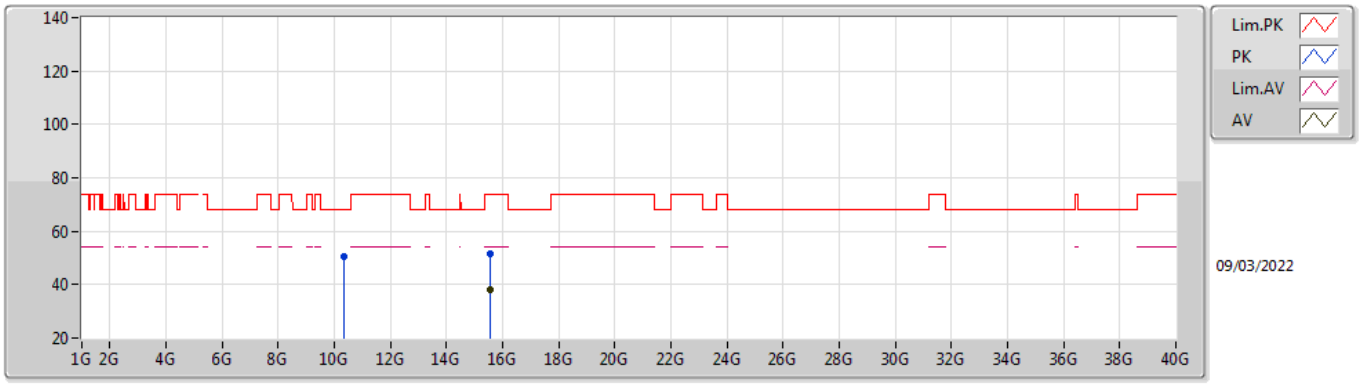


EUT X_2TX
Setting 18
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36384G	50.60	68.20	-17.60	37.67	3	Vertical	185	2.08	-	38.44	7.45	32.96
PK	15.53592G	51.62	74.00	-22.38	37.23	3	Vertical	5	2.28	-	37.79	9.79	33.19
AV	15.55194G	38.23	54.00	-15.77	23.90	3	Vertical	5	2.28	-	37.74	9.80	33.21

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

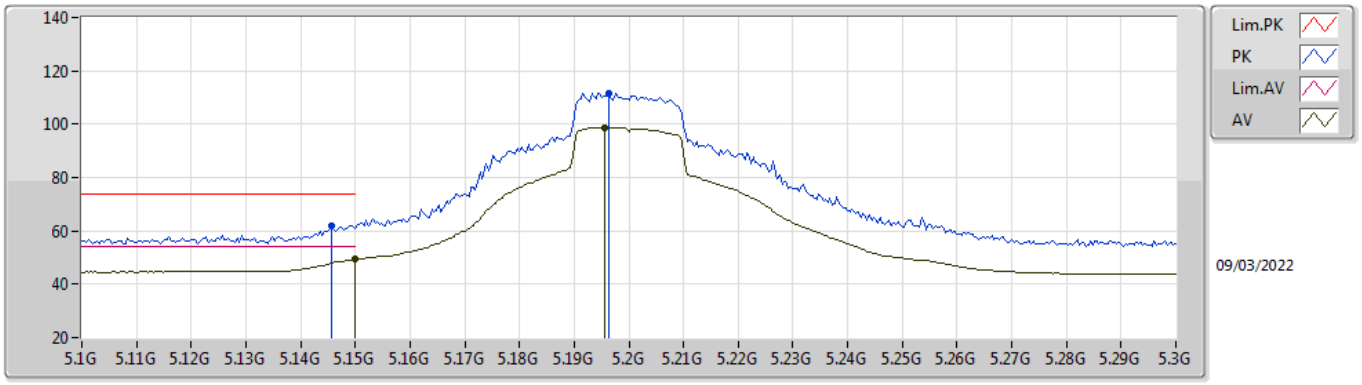


EUT X_2TX
Setting 18
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3474G	50.77	68.20	-17.43	37.83	3	Horizontal	281	1.71	-	38.45	7.44	32.95
PK	15.54786G	51.81	74.00	-22.19	37.46	3	Horizontal	239	2.12	-	37.76	9.80	33.21
AV	15.55152G	38.21	54.00	-15.79	23.87	3	Horizontal	239	2.12	-	37.75	9.80	33.21

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

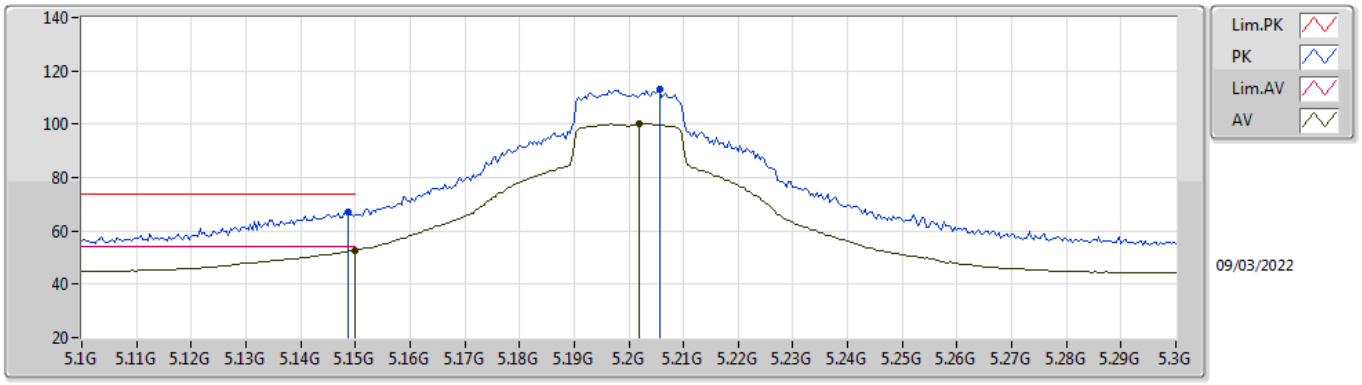


EUT X_2TX
Setting 22
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1456G	61.98	74.00	-12.02	55.38	3	Vertical	328	2.90	-	33.50	5.25	32.15
AV	5.15G	49.34	54.00	-4.66	42.74	3	Vertical	328	2.90	-	33.50	5.25	32.15
PK	5.1964G	111.72	Inf	-Inf	105.07	3	Vertical	328	2.90	-	33.50	5.30	32.15
AV	5.1956G	98.77	Inf	-Inf	92.12	3	Vertical	328	2.90	-	33.50	5.30	32.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

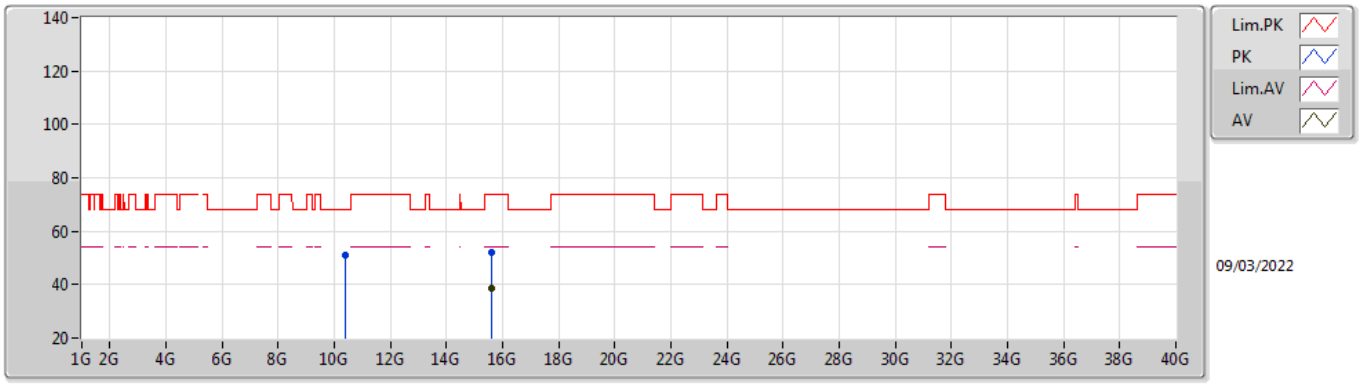


EUT X_2TX
Setting 22
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	66.95	74.00	-7.05	60.35	3	Horizontal	126	1.90	-	33.50	5.25	32.15
AV	5.15G	52.78	54.00	-1.22	46.18	3	Horizontal	126	1.90	-	33.50	5.25	32.15
PK	5.2056G	112.85	Inf	-Inf	106.19	3	Horizontal	126	1.90	-	33.51	5.30	32.15
AV	5.202G	100.06	Inf	-Inf	93.41	3	Horizontal	126	1.90	-	33.50	5.30	32.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

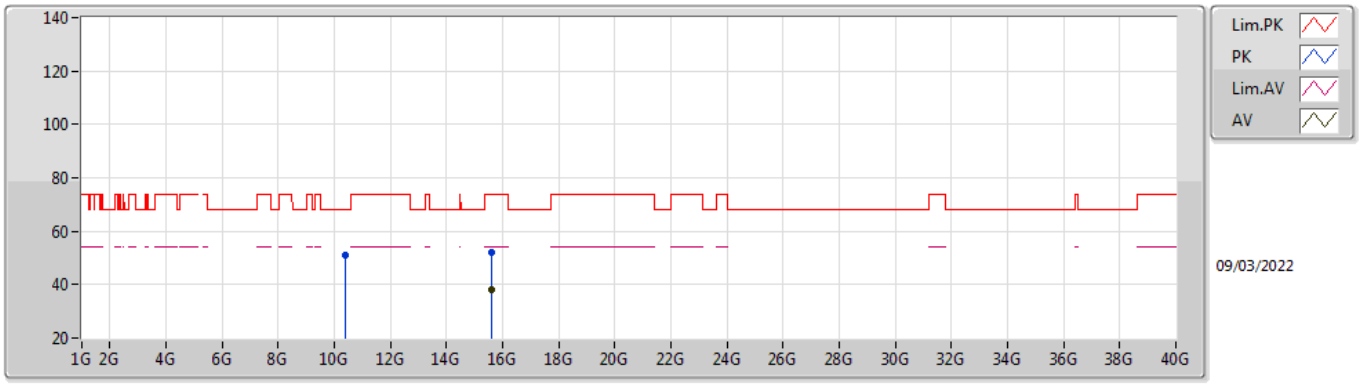


EUT X_2TX
Setting 22
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39238G	51.25	68.20	-16.95	38.36	3	Vertical	234	1.73	-	38.41	7.46	32.98
PK	15.58776G	52.28	74.00	-21.72	38.08	3	Vertical	101	2.65	-	37.64	9.81	33.25
AV	15.59136G	38.41	54.00	-15.59	24.22	3	Vertical	101	2.65	-	37.63	9.82	33.26

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

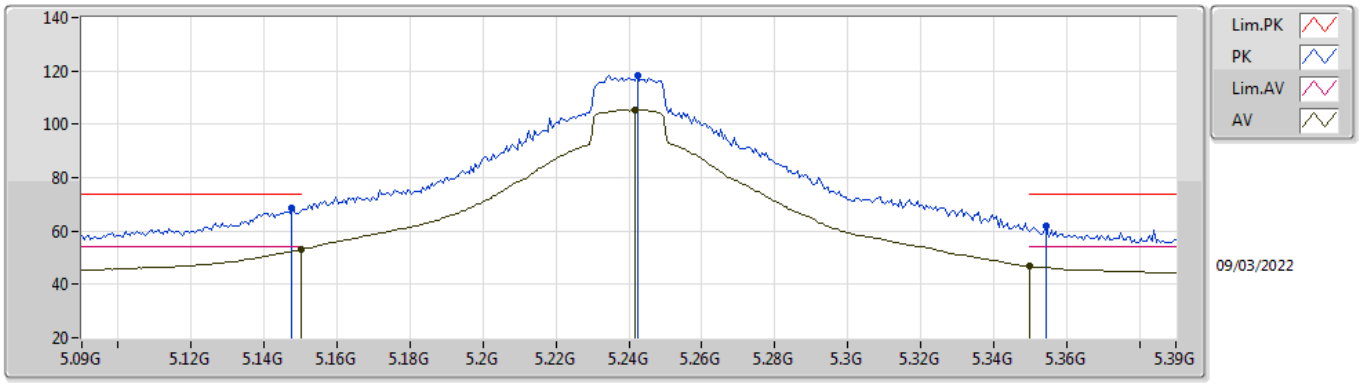


EUT X_2TX
Setting 22
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4138G	50.89	68.20	-17.31	38.01	3	Horizontal	356	1.95	-	38.40	7.47	32.99
PK	15.59544G	52.05	74.00	-21.95	37.88	3	Horizontal	176	2.31	-	37.61	9.82	33.26
AV	15.5853G	38.30	54.00	-15.70	24.10	3	Horizontal	176	2.31	-	37.64	9.81	33.25

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

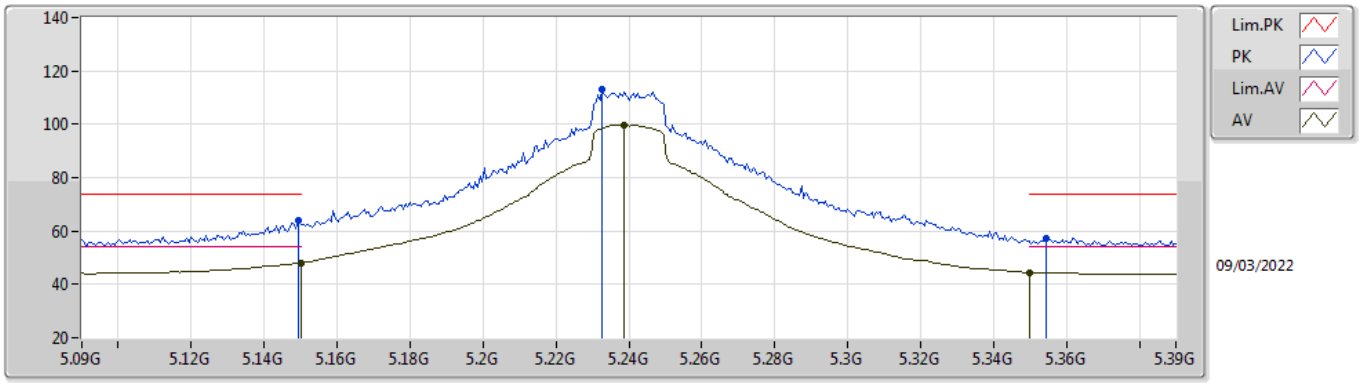


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	68.55	74.00	-5.45	61.95	3	Vertical	65	1.80	-	33.50	5.25	32.15
AV	5.15G	53.00	54.00	-1.00	46.40	3	Vertical	65	1.80	-	33.50	5.25	32.15
PK	5.2424G	118.49	Inf	-Inf	111.74	3	Vertical	65	1.80	-	33.58	5.32	32.15
AV	5.2418G	105.48	Inf	-Inf	98.73	3	Vertical	65	1.80	-	33.58	5.32	32.15
PK	5.3546G	61.83	74.00	-12.17	54.88	3	Vertical	65	1.80	-	33.71	5.38	32.14
AV	5.35G	46.80	54.00	-7.20	39.86	3	Vertical	65	1.80	-	33.70	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

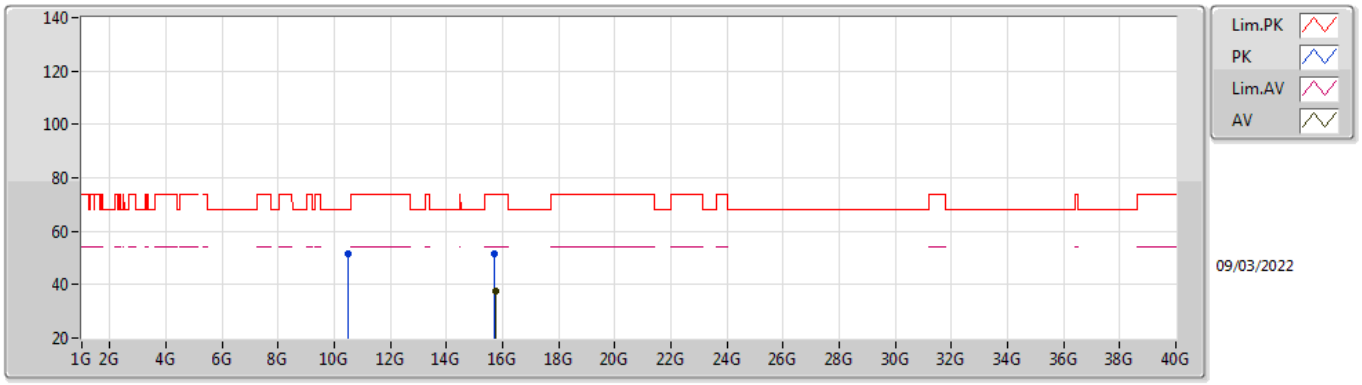


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	63.92	74.00	-10.08	57.32	3	Horizontal	124	1.88	-	33.50	5.25	32.15
AV	5.15G	48.09	54.00	-5.91	41.49	3	Horizontal	124	1.88	-	33.50	5.25	32.15
PK	5.2328G	113.03	Inf	-Inf	106.29	3	Horizontal	124	1.88	-	33.57	5.32	32.15
AV	5.2388G	99.91	Inf	-Inf	93.16	3	Horizontal	124	1.88	-	33.58	5.32	32.15
PK	5.3546G	57.23	74.00	-16.77	50.28	3	Horizontal	124	1.88	-	33.71	5.38	32.14
AV	5.35G	44.53	54.00	-9.47	37.59	3	Horizontal	124	1.88	-	33.70	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

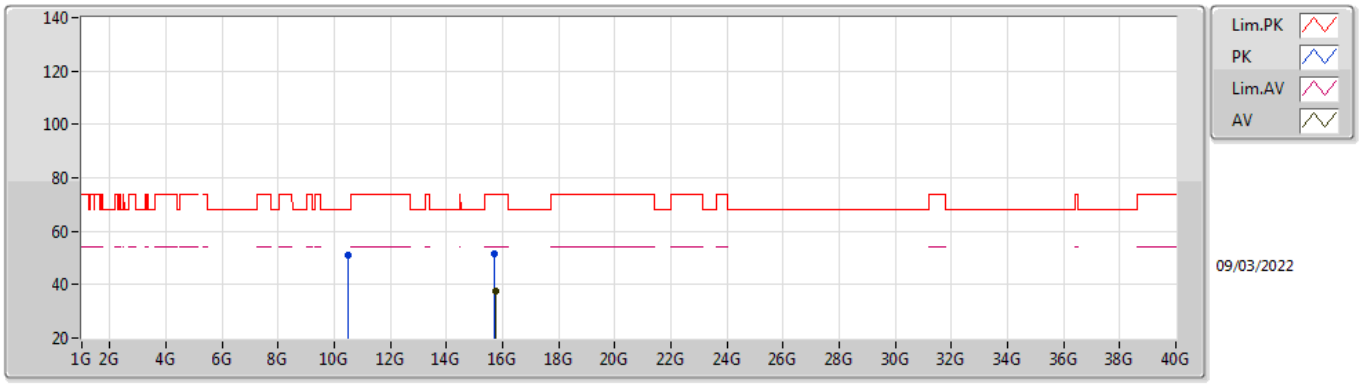


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.49392G	51.36	68.20	-16.84	38.51	3	Vertical	11	1.93	-	38.40	7.50	33.05
PK	15.72306G	51.40	74.00	-22.60	37.53	3	Vertical	13	1.73	-	37.40	9.88	33.41
AV	15.73128G	37.82	54.00	-16.18	23.96	3	Vertical	13	1.73	-	37.40	9.88	33.42

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

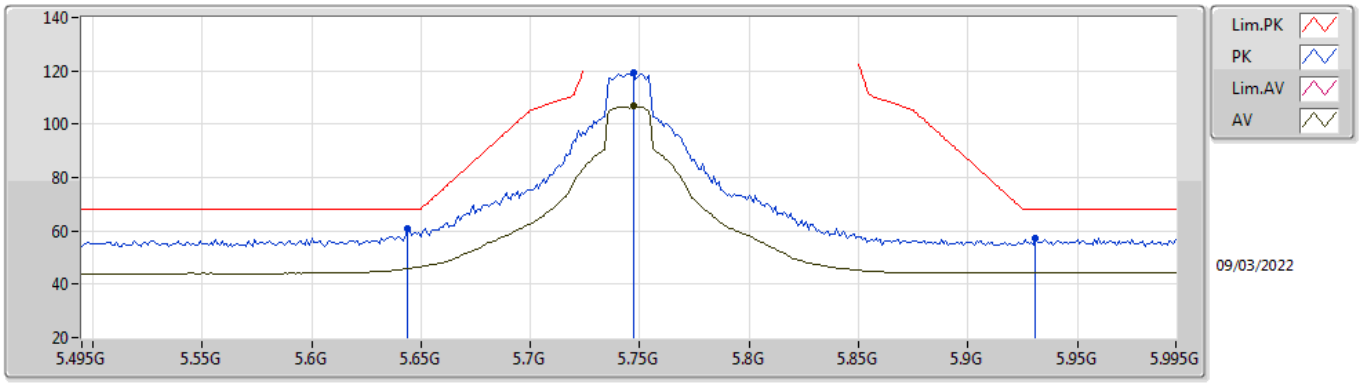


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48828G	50.78	68.20	-17.42	37.92	3	Horizontal	87	1.22	-	38.40	7.50	33.04
PK	15.72432G	51.38	74.00	-22.62	37.51	3	Horizontal	66	2.72	-	37.40	9.88	33.41
AV	15.73164G	37.83	54.00	-16.17	23.97	3	Horizontal	66	2.72	-	37.40	9.88	33.42

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

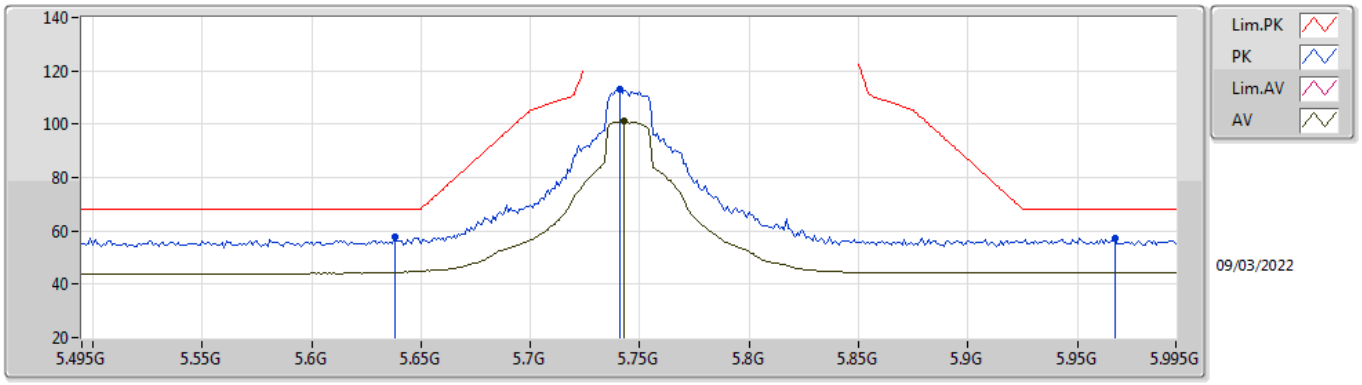


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	60.69	68.20	-7.51	53.42	3	Vertical	110	1.90	-	33.81	5.60	32.14
PK	5.747G	119.40	Inf	-Inf	112.15	3	Vertical	110	1.90	-	33.79	5.60	32.14
AV	5.747G	106.68	Inf	-Inf	99.43	3	Vertical	110	1.90	-	33.79	5.60	32.14
PK	5.931G	57.50	68.20	-10.70	49.87	3	Vertical	110	1.90	-	34.06	5.73	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

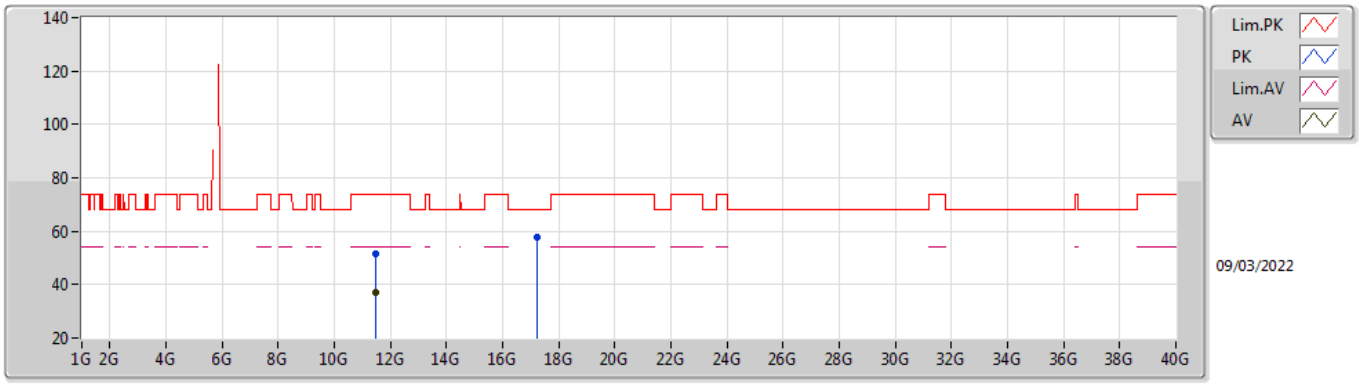


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.638G	57.82	68.20	-10.38	50.54	3	Horizontal	194	2.58	-	33.82	5.60	32.14
PK	5.741G	113.23	Inf	-Inf	105.99	3	Horizontal	194	2.58	-	33.78	5.60	32.14
AV	5.743G	101.05	Inf	-Inf	93.80	3	Horizontal	194	2.58	-	33.79	5.60	32.14
PK	5.967G	57.09	68.20	-11.11	49.38	3	Horizontal	194	2.58	-	34.10	5.77	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

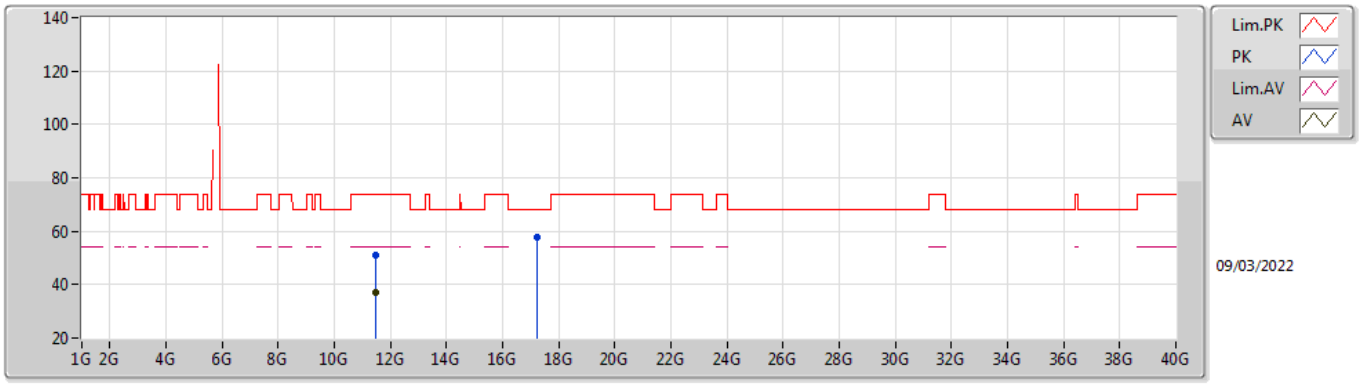


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48136G	51.71	74.00	-22.29	38.08	3	Vertical	67	1.48	-	38.96	7.89	33.22
AV	11.4873G	37.27	54.00	-16.73	23.63	3	Vertical	67	1.48	-	38.97	7.89	33.22
PK	17.24952G	57.54	68.20	-10.66	38.03	3	Vertical	75	2.38	-	42.15	10.62	33.26

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

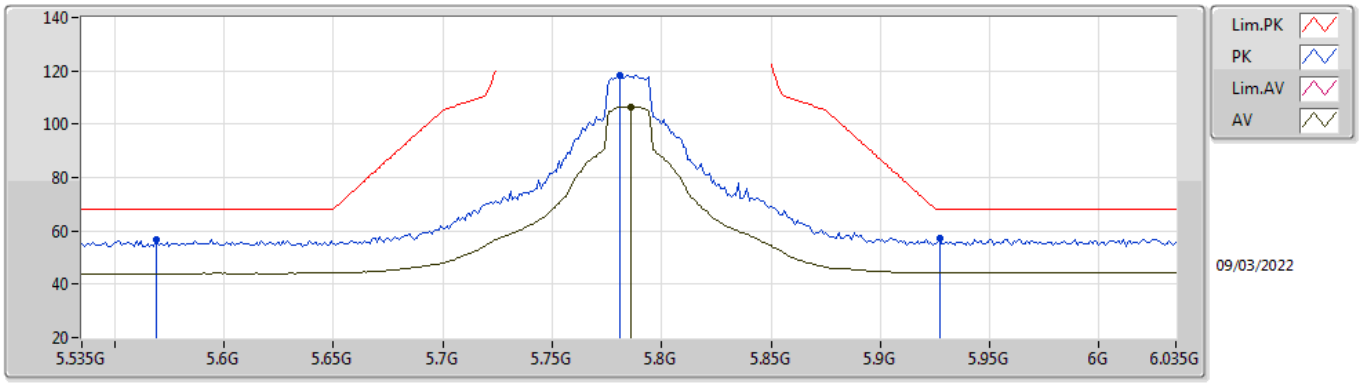


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48562G	51.11	74.00	-22.89	37.47	3	Horizontal	335	2.63	-	38.97	7.89	33.22
AV	11.48112G	37.27	54.00	-16.73	23.64	3	Horizontal	335	2.63	-	38.96	7.89	33.22
PK	17.23332G	57.82	68.20	-10.38	38.37	3	Horizontal	87	2.48	-	42.10	10.62	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

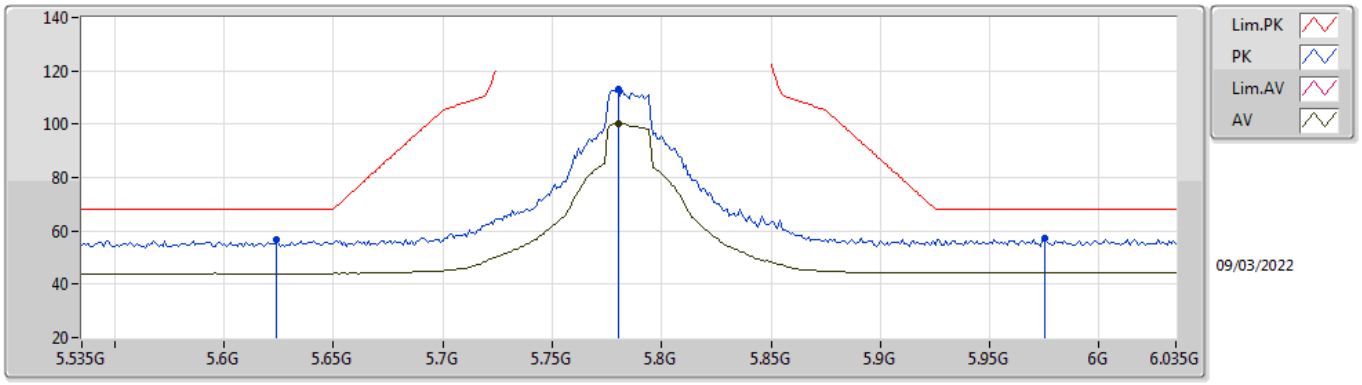


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.569G	56.58	68.20	-11.62	49.24	3	Vertical	109	1.86	-	33.90	5.57	32.13
PK	5.781G	118.46	Inf	-Inf	111.27	3	Vertical	109	1.86	-	33.74	5.60	32.15
AV	5.786G	106.57	Inf	-Inf	99.39	3	Vertical	109	1.86	-	33.73	5.60	32.15
PK	5.927G	57.00	68.20	-11.20	49.38	3	Vertical	109	1.86	-	34.05	5.73	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

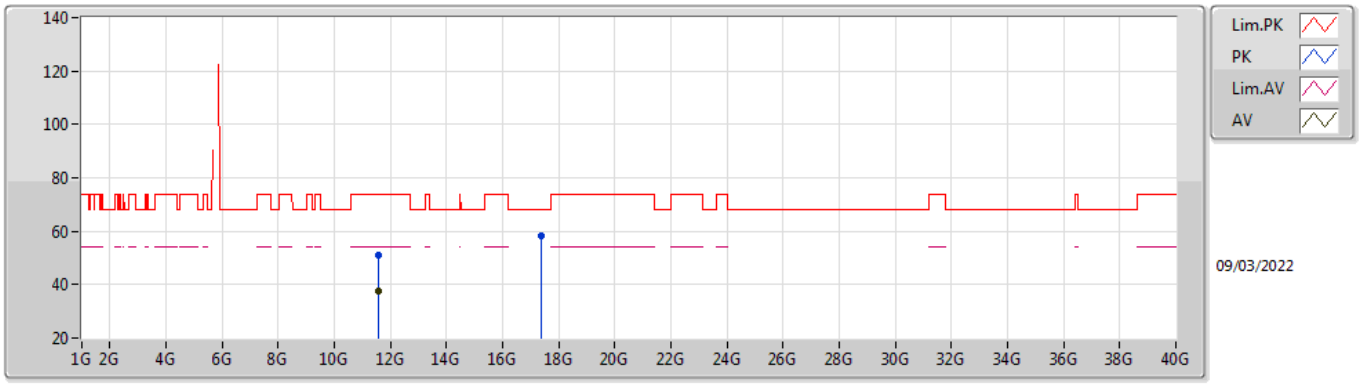


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.624G	56.58	68.20	-11.62	49.27	3	Horizontal	193	2.68	-	33.85	5.60	32.14
PK	5.78G	112.87	Inf	-Inf	105.68	3	Horizontal	193	2.68	-	33.74	5.60	32.15
AV	5.78G	100.33	Inf	-Inf	93.14	3	Horizontal	193	2.68	-	33.74	5.60	32.15
PK	5.975G	57.03	68.20	-11.17	49.32	3	Horizontal	193	2.68	-	34.10	5.77	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

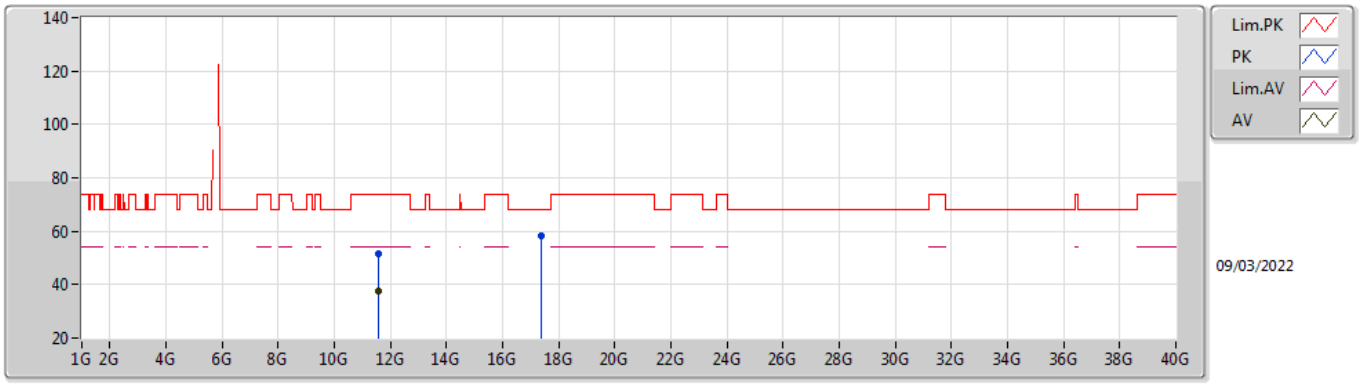


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56592G	50.83	74.00	-23.17	36.94	3	Vertical	15	1.61	-	39.20	7.93	33.24
AV	11.5811G	37.48	54.00	-16.52	23.55	3	Vertical	15	1.61	-	39.24	7.93	33.24
PK	17.36076G	58.39	68.20	-9.81	38.05	3	Vertical	258	2.16	-	42.79	10.68	33.13

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

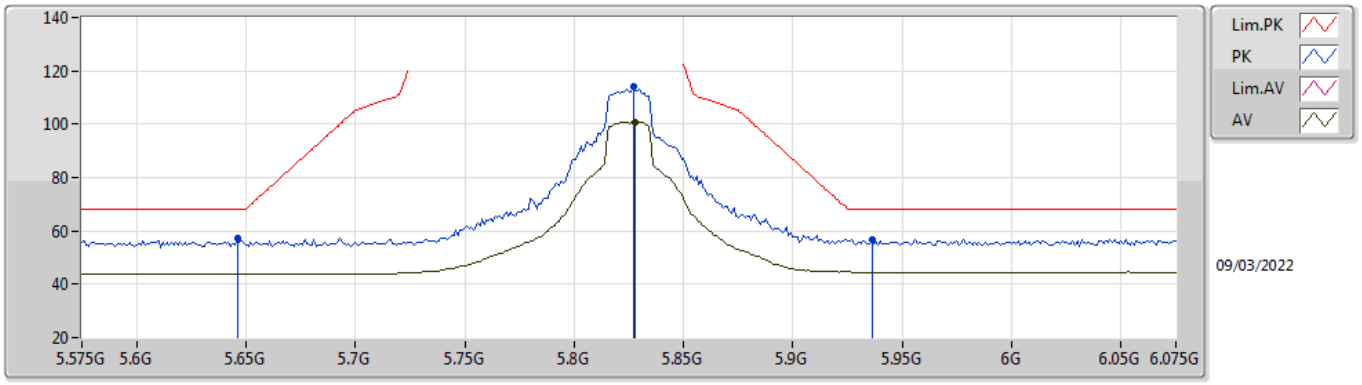


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57156G	51.66	74.00	-22.34	37.76	3	Horizontal	324	2.73	-	39.21	7.93	33.24
AV	11.56838G	37.48	54.00	-16.52	23.58	3	Horizontal	324	2.73	-	39.21	7.93	33.24
PK	17.36172G	58.43	68.20	-9.77	38.09	3	Horizontal	265	1.59	-	42.79	10.68	33.13

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

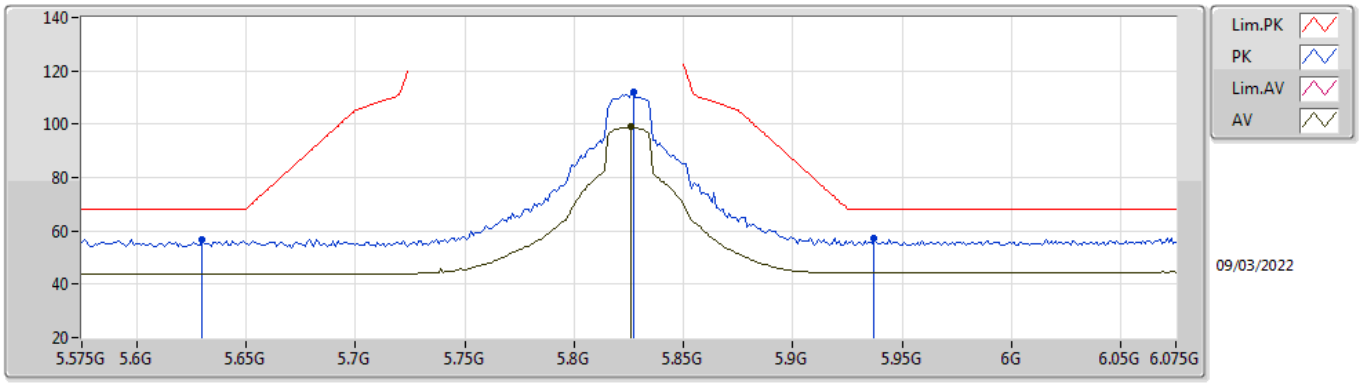


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	56.99	68.20	-11.21	49.72	3	Vertical	45	1.80	-	33.81	5.60	32.14
PK	5.827G	114.36	Inf	-Inf	107.13	3	Vertical	45	1.80	-	33.75	5.63	32.15
AV	5.828G	100.88	Inf	-Inf	93.64	3	Vertical	45	1.80	-	33.76	5.63	32.15
PK	5.936G	56.97	68.20	-11.23	49.32	3	Vertical	45	1.80	-	34.07	5.74	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

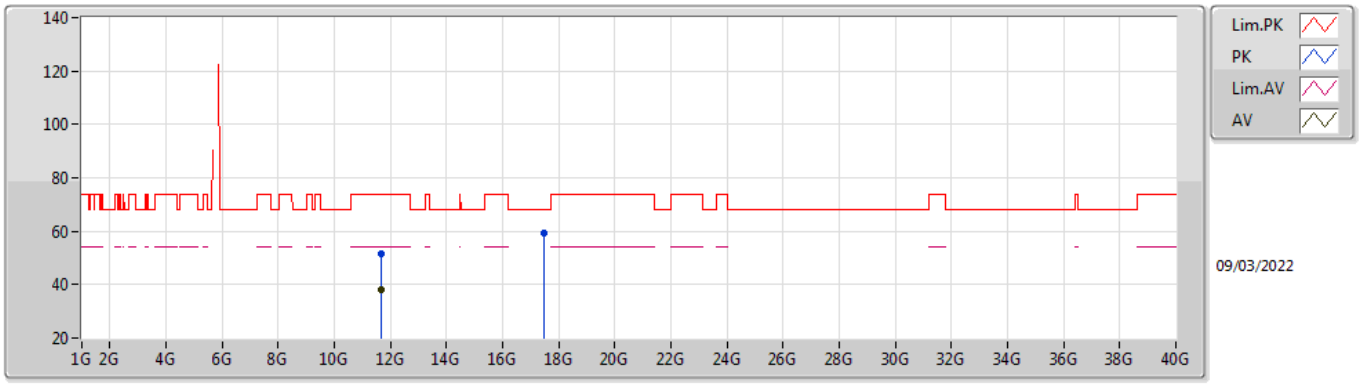


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.63G	56.92	68.20	-11.28	49.62	3	Horizontal	218	2.38	-	33.84	5.60	32.14
PK	5.827G	111.91	Inf	-Inf	104.68	3	Horizontal	218	2.38	-	33.75	5.63	32.15
AV	5.826G	98.90	Inf	-Inf	91.67	3	Horizontal	218	2.38	-	33.75	5.63	32.15
PK	5.937G	57.23	68.20	-10.97	49.58	3	Horizontal	218	2.38	-	34.07	5.74	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

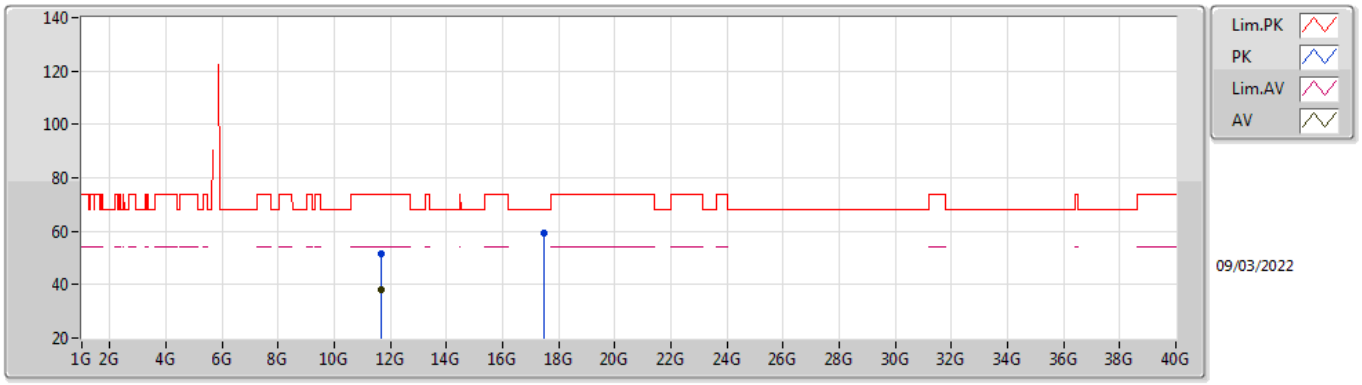


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65804G	51.39	74.00	-22.61	37.33	3	Vertical	286	1.62	-	39.36	7.96	33.26
AV	11.65852G	37.88	54.00	-16.12	23.82	3	Vertical	286	1.62	-	39.36	7.96	33.26
PK	17.48628G	59.18	68.20	-9.02	37.73	3	Vertical	263	2.78	-	43.70	10.74	32.99

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

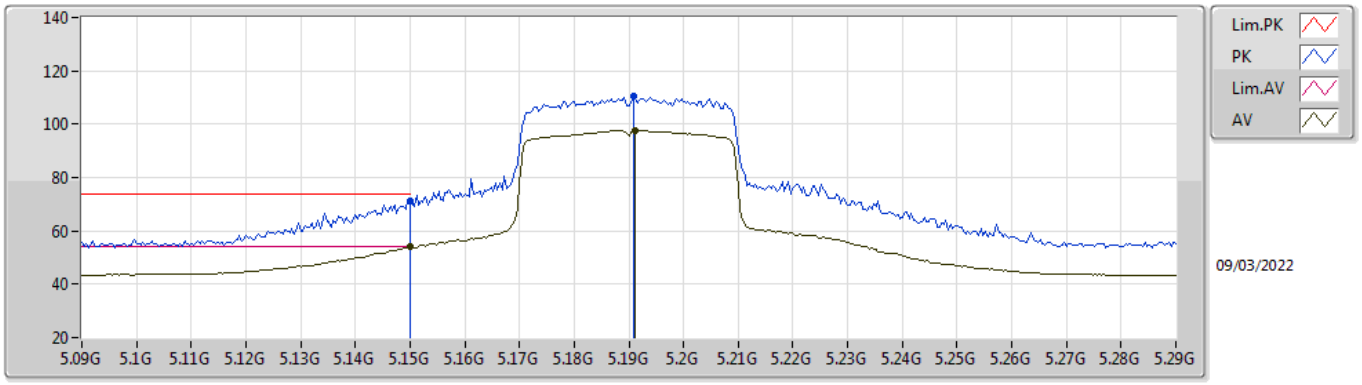


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64928G	51.51	74.00	-22.49	37.46	3	Horizontal	121	2.44	-	39.35	7.96	33.26
AV	11.65924G	37.89	54.00	-16.11	23.83	3	Horizontal	121	2.44	-	39.36	7.96	33.26
PK	17.484G	59.22	68.20	-8.98	37.78	3	Horizontal	18	2.19	-	43.69	10.74	32.99

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

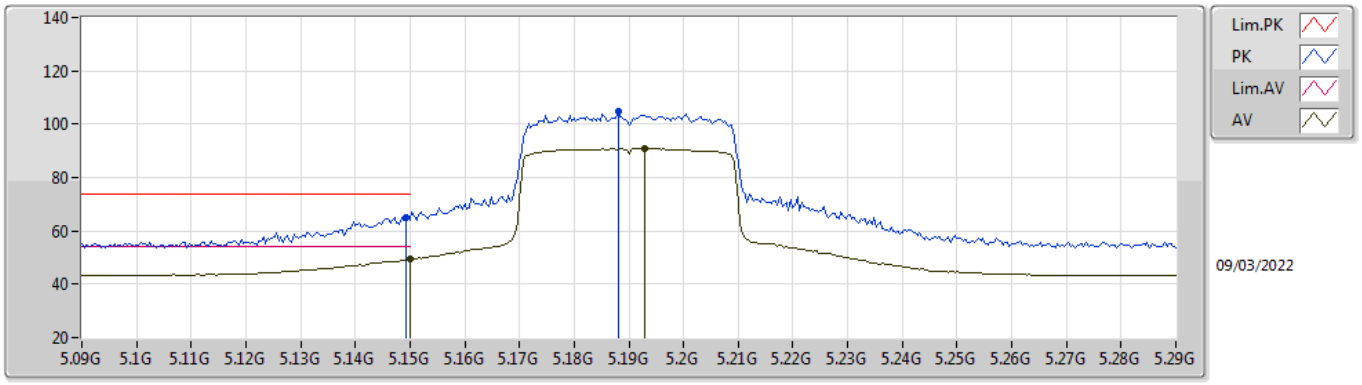


EUT X_2TX
Setting 16.5
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	71.36	74.00	-2.64	64.76	3	Vertical	115	1.97	-	33.50	5.25	32.15
AV	5.15G	53.90	54.00	-0.10	47.30	3	Vertical	115	1.97	-	33.50	5.25	32.15
PK	5.1908G	110.26	Inf	-Inf	103.62	3	Vertical	115	1.97	-	33.50	5.29	32.15
AV	5.1912G	97.62	Inf	-Inf	90.98	3	Vertical	115	1.97	-	33.50	5.29	32.15

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

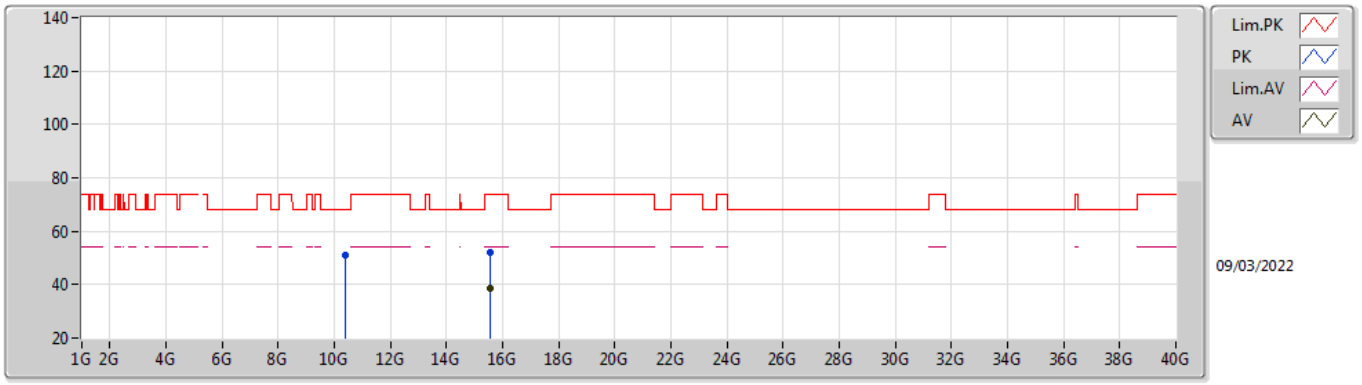


EUT X_2TX
Setting 16.5
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	65.21	74.00	-8.79	58.61	3	Horizontal	126	1.90	-	33.50	5.25	32.15
AV	5.15G	49.49	54.00	-4.51	42.89	3	Horizontal	126	1.90	-	33.50	5.25	32.15
PK	5.188G	104.63	Inf	-Inf	97.99	3	Horizontal	126	1.90	-	33.50	5.29	32.15
AV	5.1928G	90.91	Inf	-Inf	84.27	3	Horizontal	126	1.90	-	33.50	5.29	32.15

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

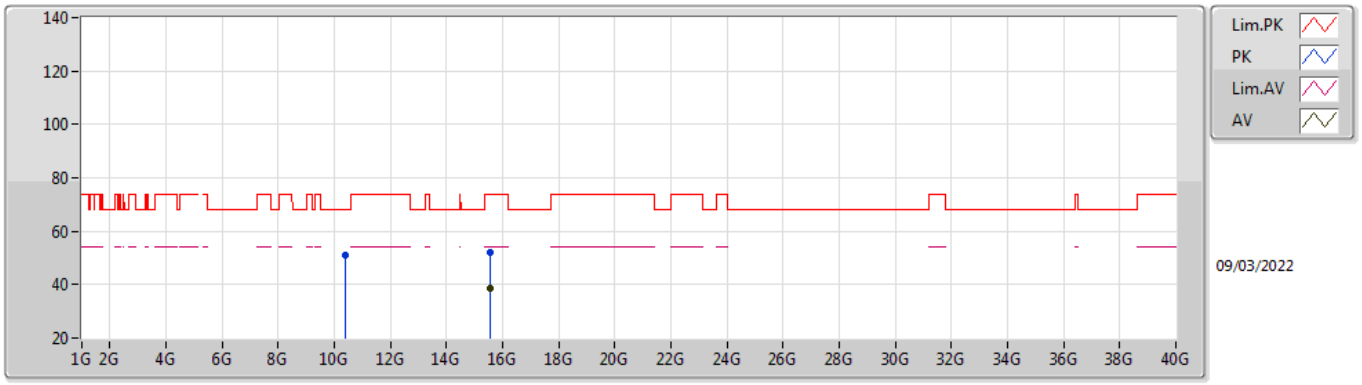


EUT X_2TX
Setting 16.5
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3758G	51.12	68.20	-17.08	38.22	3	Vertical	316	2.88	-	38.42	7.45	32.97
PK	15.57828G	52.20	74.00	-21.80	37.96	3	Vertical	34	2.36	-	37.67	9.81	33.24
AV	15.56262G	38.53	54.00	-15.47	24.24	3	Vertical	34	2.36	-	37.71	9.80	33.22

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

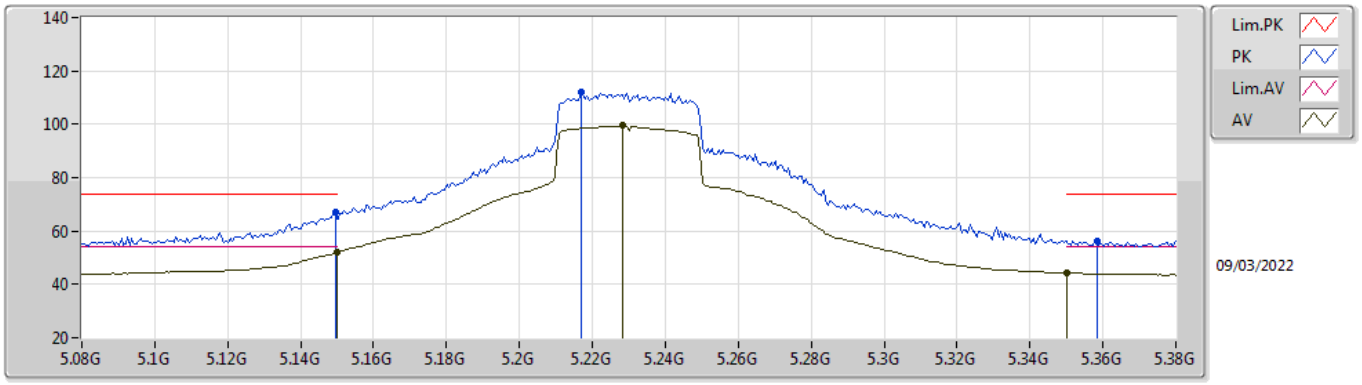


EUT X_2TX
Setting 16.5
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3941G	50.80	68.20	-17.40	37.91	3	Horizontal	153	1.23	-	38.41	7.46	32.98
PK	15.56598G	51.89	74.00	-22.11	37.62	3	Horizontal	272	1.92	-	37.70	9.80	33.23
AV	15.57768G	38.48	54.00	-15.52	24.24	3	Horizontal	272	1.92	-	37.67	9.81	33.24

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

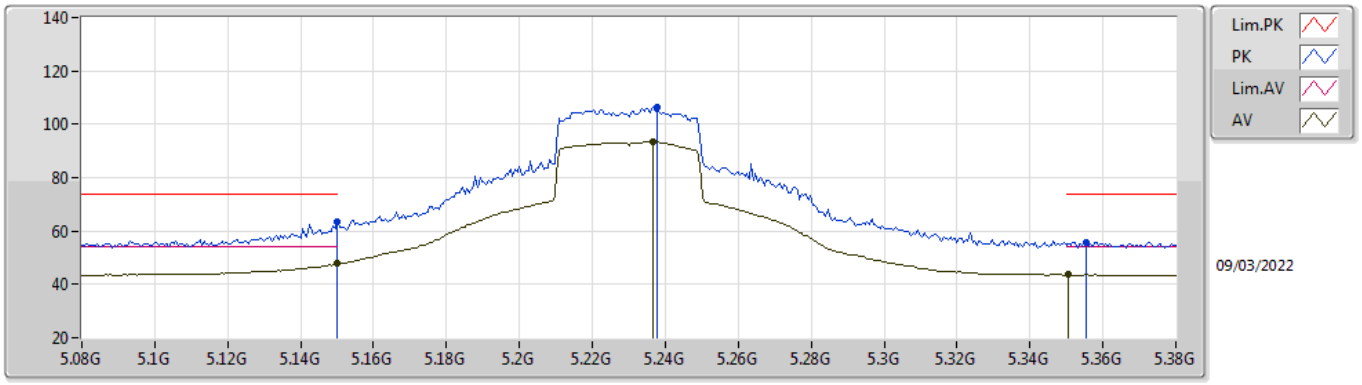


EUT X_2TX
Setting 19
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	67.18	74.00	-6.82	60.58	3	Vertical	67	2.06	-	33.50	5.25	32.15
AV	5.15G	52.10	54.00	-1.90	45.50	3	Vertical	67	2.06	-	33.50	5.25	32.15
PK	5.2168G	111.82	Inf	-Inf	105.13	3	Vertical	67	2.06	-	33.53	5.31	32.15
AV	5.2282G	99.41	Inf	-Inf	92.69	3	Vertical	67	2.06	-	33.56	5.31	32.15
PK	5.3584G	56.29	74.00	-17.71	49.33	3	Vertical	67	2.06	-	33.72	5.38	32.14
AV	5.35G	44.23	54.00	-9.77	37.29	3	Vertical	67	2.06	-	33.70	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

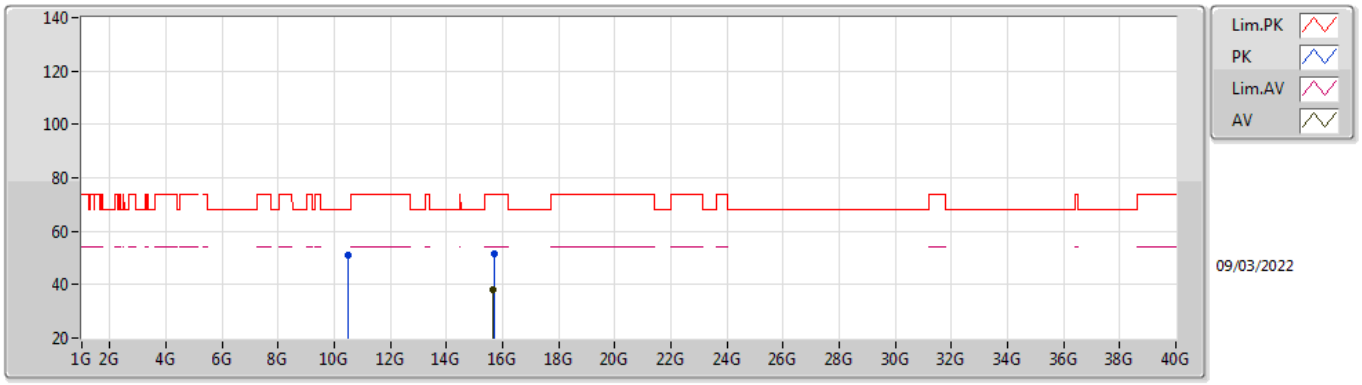


EUT X_2TX
Setting 19
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	63.29	74.00	-10.71	56.69	3	Horizontal	125	1.88	-	33.50	5.25	32.15
AV	5.15G	47.69	54.00	-6.31	41.09	3	Horizontal	125	1.88	-	33.50	5.25	32.15
PK	5.2378G	106.36	Inf	-Inf	99.61	3	Horizontal	125	1.88	-	33.58	5.32	32.15
AV	5.2366G	93.44	Inf	-Inf	86.70	3	Horizontal	125	1.88	-	33.57	5.32	32.15
PK	5.3554G	55.89	74.00	-18.11	48.94	3	Horizontal	125	1.88	-	33.71	5.38	32.14
AV	5.3506G	43.61	54.00	-10.39	36.67	3	Horizontal	125	1.88	-	33.70	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

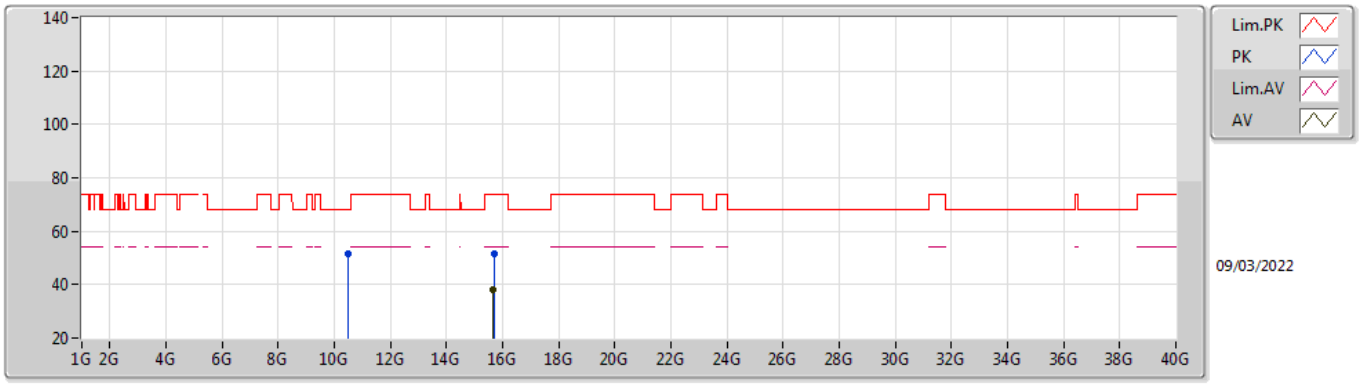


EUT X_2TX
Setting 19
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47194G	51.05	68.20	-17.15	38.19	3	Vertical	62	1.78	-	38.40	7.49	33.03
PK	15.6921G	51.68	74.00	-22.32	37.78	3	Vertical	102	1.42	-	37.42	9.86	33.38
AV	15.67758G	37.94	54.00	-16.06	24.01	3	Vertical	102	1.42	-	37.44	9.85	33.36

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

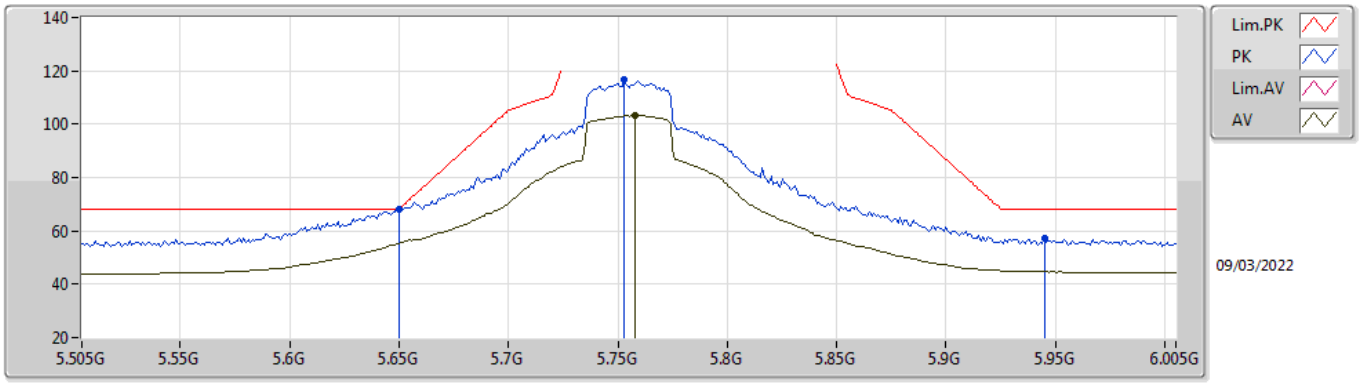


EUT X_2TX
Setting 19
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4678G	51.32	68.20	-16.88	38.46	3	Horizontal	337	1.05	-	38.40	7.49	33.03
PK	15.69036G	51.53	74.00	-22.47	37.62	3	Horizontal	214	3.00	-	37.42	9.86	33.37
AV	15.67734G	37.99	54.00	-16.01	24.05	3	Horizontal	214	3.00	-	37.45	9.85	33.36

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

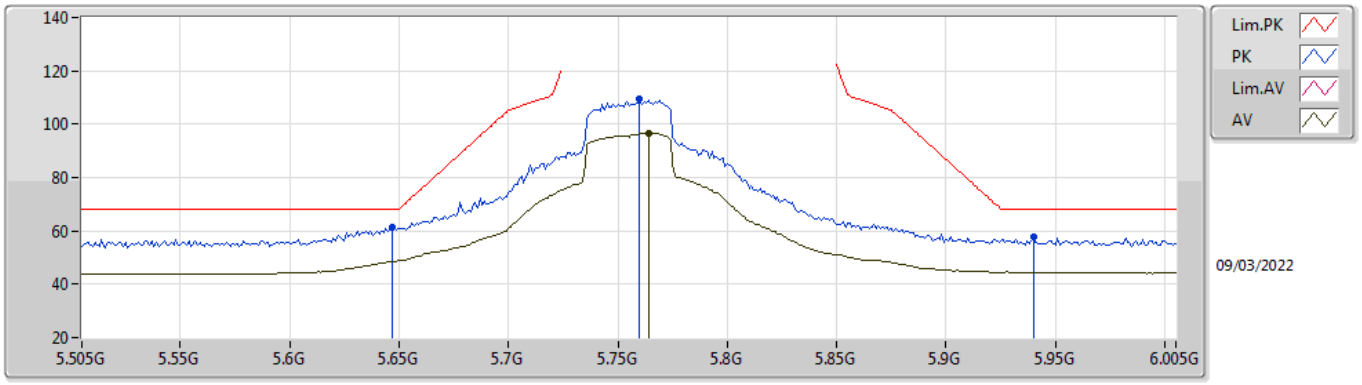


EUT X_2TX
Setting 21.5
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	68.11	68.20	-0.09	60.85	3	Vertical	108	1.80	-	33.80	5.60	32.14
PK	5.753G	116.47	Inf	-Inf	109.23	3	Vertical	108	1.80	-	33.79	5.60	32.15
AV	5.758G	103.32	Inf	-Inf	96.09	3	Vertical	108	1.80	-	33.78	5.60	32.15
PK	5.945G	57.13	68.20	-11.07	49.45	3	Vertical	108	1.80	-	34.09	5.75	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

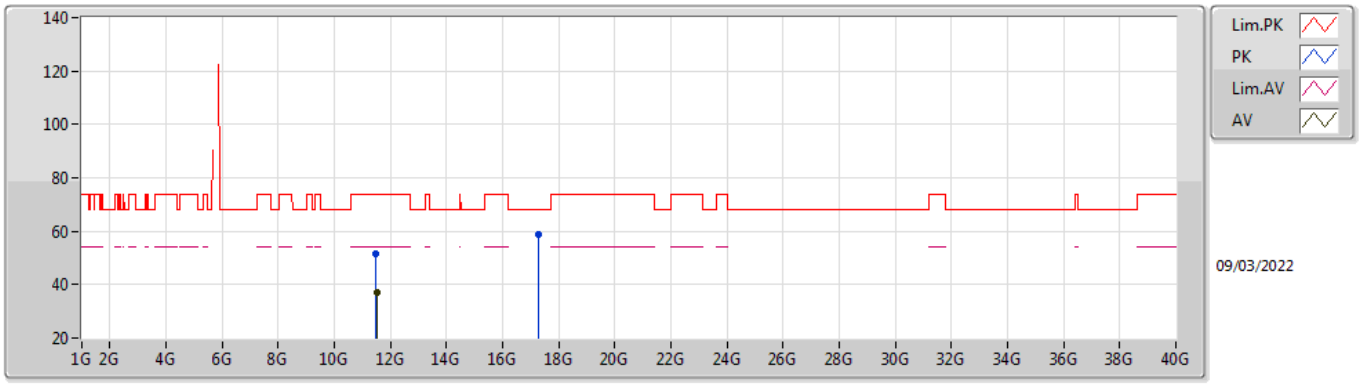


EUT X_2TX
Setting 21.5
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.647G	61.51	68.20	-6.69	54.24	3	Horizontal	188	2.95	-	33.81	5.60	32.14
PK	5.76G	109.33	Inf	-Inf	102.10	3	Horizontal	188	2.95	-	33.78	5.60	32.15
AV	5.764G	96.72	Inf	-Inf	89.50	3	Horizontal	188	2.95	-	33.77	5.60	32.15
PK	5.94G	57.91	68.20	-10.29	50.25	3	Horizontal	188	2.95	-	34.08	5.74	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

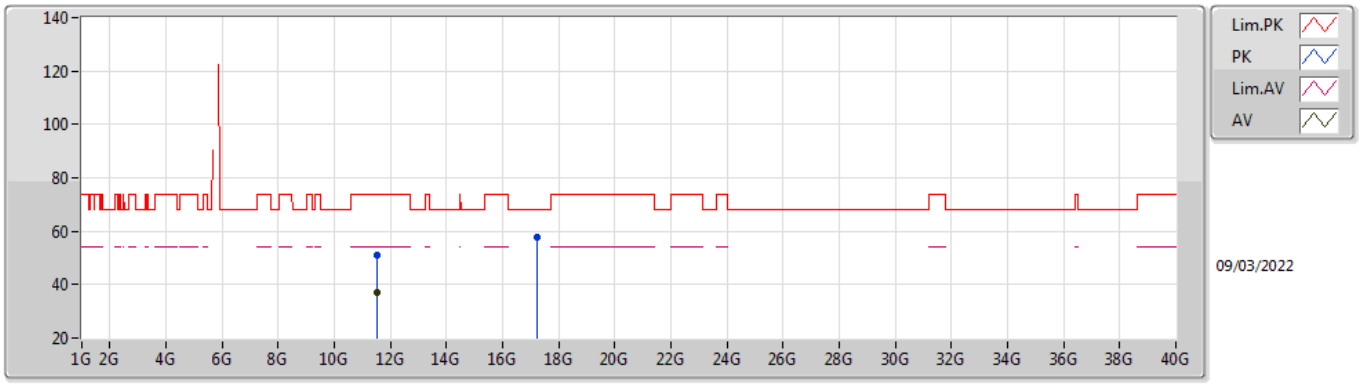


EUT X_2TX
Setting 21.5
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49854G	51.59	74.00	-22.41	37.91	3	Vertical	177	1.84	-	39.00	7.90	33.22
AV	11.5178G	37.10	54.00	-16.90	23.36	3	Vertical	177	1.84	-	39.05	7.91	33.22
PK	17.26854G	58.88	68.20	-9.32	39.27	3	Vertical	181	1.06	-	42.21	10.63	33.23

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

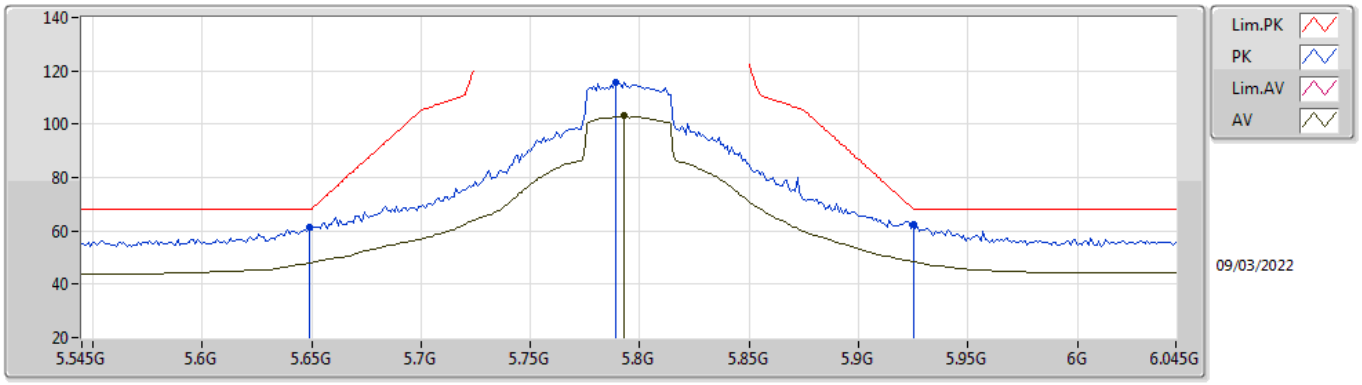


EUT X_2TX
Setting 21.5
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51486G	50.90	74.00	-23.10	37.17	3	Horizontal	241	1.30	-	39.04	7.91	33.22
AV	11.5064G	37.11	54.00	-16.89	23.41	3	Horizontal	241	1.30	-	39.02	7.90	33.22
PK	17.25192G	57.69	68.20	-10.51	38.15	3	Horizontal	277	1.96	-	42.16	10.63	33.25

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

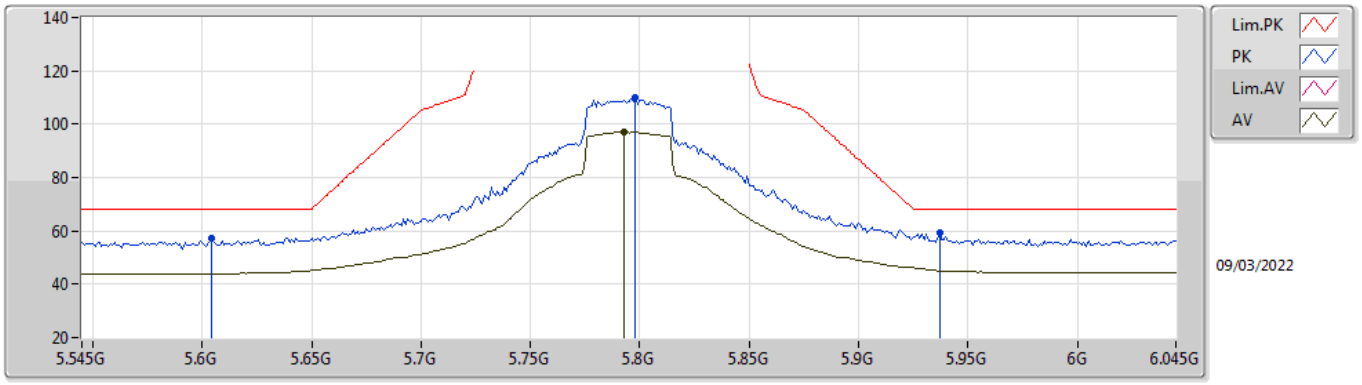


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	61.18	68.20	-7.02	53.92	3	Vertical	110	1.85	-	33.80	5.60	32.14
PK	5.789G	115.69	Inf	-Inf	108.52	3	Vertical	110	1.85	-	33.72	5.60	32.15
AV	5.793G	103.02	Inf	-Inf	95.86	3	Vertical	110	1.85	-	33.71	5.60	32.15
PK	5.925G	62.42	68.20	-5.78	54.80	3	Vertical	110	1.85	-	34.05	5.73	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

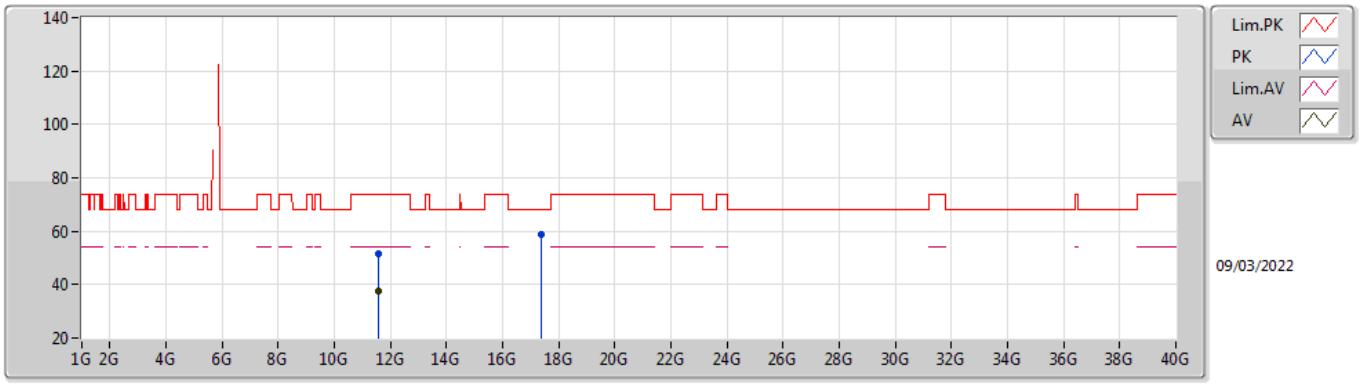


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.604G	57.24	68.20	-10.96	49.89	3	Horizontal	192	2.93	-	33.89	5.60	32.14
PK	5.798G	110.17	Inf	-Inf	103.02	3	Horizontal	192	2.93	-	33.70	5.60	32.15
AV	5.793G	97.20	Inf	-Inf	90.04	3	Horizontal	192	2.93	-	33.71	5.60	32.15
PK	5.937G	59.15	68.20	-9.05	51.50	3	Horizontal	192	2.93	-	34.07	5.74	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

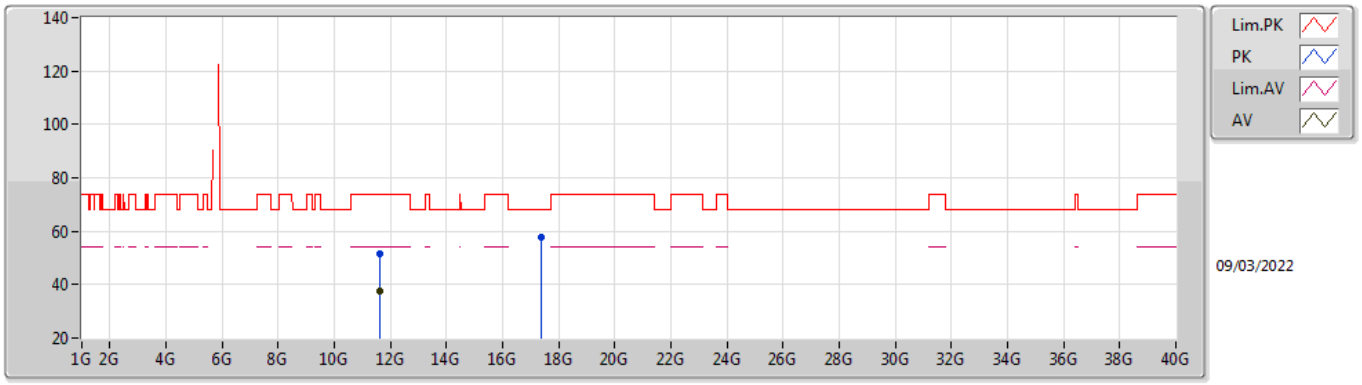


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58328G	51.32	74.00	-22.68	37.38	3	Vertical	297	1.11	-	39.25	7.93	33.24
AV	11.59228G	37.63	54.00	-16.37	23.65	3	Vertical	297	1.11	-	39.28	7.94	33.24
PK	17.39016G	58.65	68.20	-9.55	38.03	3	Vertical	286	1.89	-	43.02	10.70	33.10

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

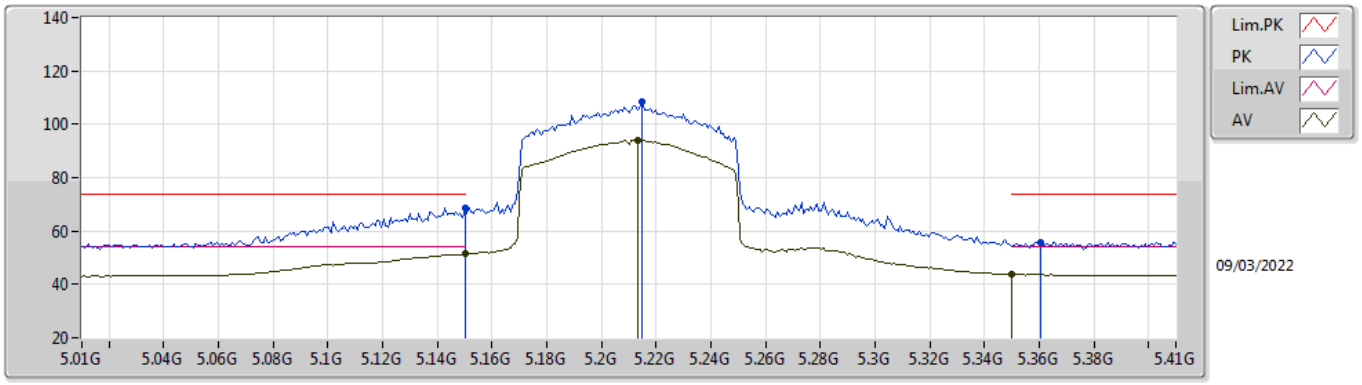


EUT X_2TX
Setting 23
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.599G	51.32	74.00	-22.68	37.33	3	Horizontal	161	1.70	-	39.30	7.94	33.25
AV	11.60494G	37.66	54.00	-16.34	23.67	3	Horizontal	161	1.70	-	39.30	7.94	33.25
PK	17.38566G	58.00	68.20	-10.20	37.42	3	Horizontal	302	2.72	-	42.99	10.69	33.10

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

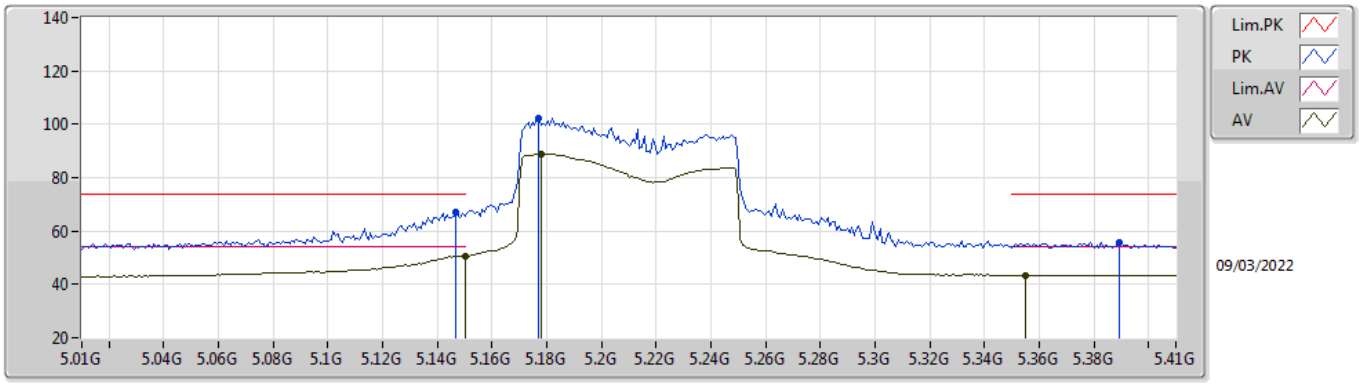


EUT X_2TX
Setting 16
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.62	74.00	-5.38	62.02	3	Vertical	65	1.96	-	33.50	5.25	32.15
AV	5.15G	51.37	54.00	-2.63	44.77	3	Vertical	65	1.96	-	33.50	5.25	32.15
PK	5.2148G	108.51	Inf	-Inf	101.82	3	Vertical	65	1.96	-	33.53	5.31	32.15
AV	5.2132G	94.06	Inf	-Inf	87.37	3	Vertical	65	1.96	-	33.53	5.31	32.15
PK	5.3604G	55.66	74.00	-18.34	48.70	3	Vertical	65	1.96	-	33.72	5.38	32.14
AV	5.35G	43.68	54.00	-10.32	36.74	3	Vertical	65	1.96	-	33.70	5.38	32.14

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

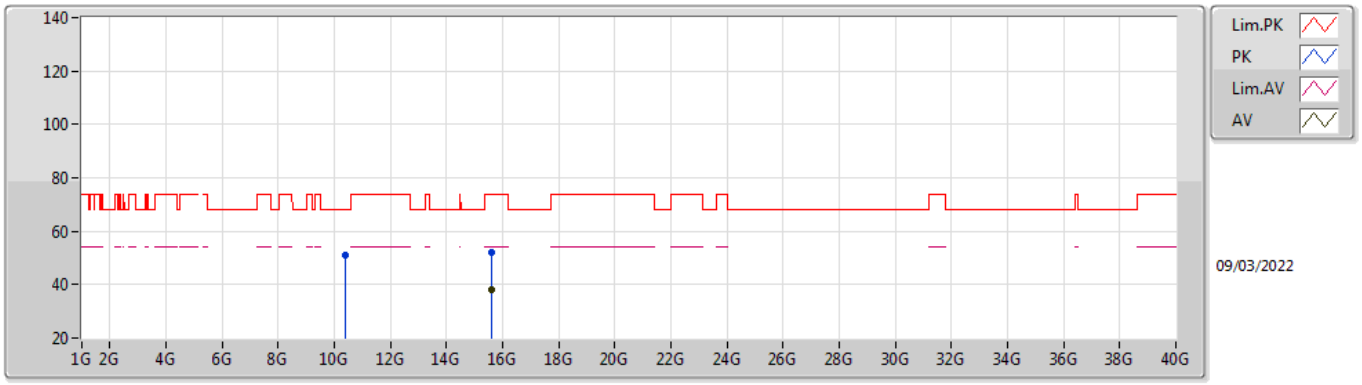


EUT X_2TX
Setting 16
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1468G	67.09	74.00	-6.91	60.49	3	Horizontal	314	1.80	-	33.50	5.25	32.15
AV	5.15G	50.55	54.00	-3.45	43.95	3	Horizontal	314	1.80	-	33.50	5.25	32.15
PK	5.1772G	102.38	Inf	-Inf	95.75	3	Horizontal	314	1.80	-	33.50	5.28	32.15
AV	5.178G	88.93	Inf	-Inf	82.30	3	Horizontal	314	1.80	-	33.50	5.28	32.15
PK	5.3892G	55.55	74.00	-18.45	48.52	3	Horizontal	314	1.80	-	33.78	5.39	32.14
AV	5.3548G	43.52	54.00	-10.48	36.57	3	Horizontal	314	1.80	-	33.71	5.38	32.14

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

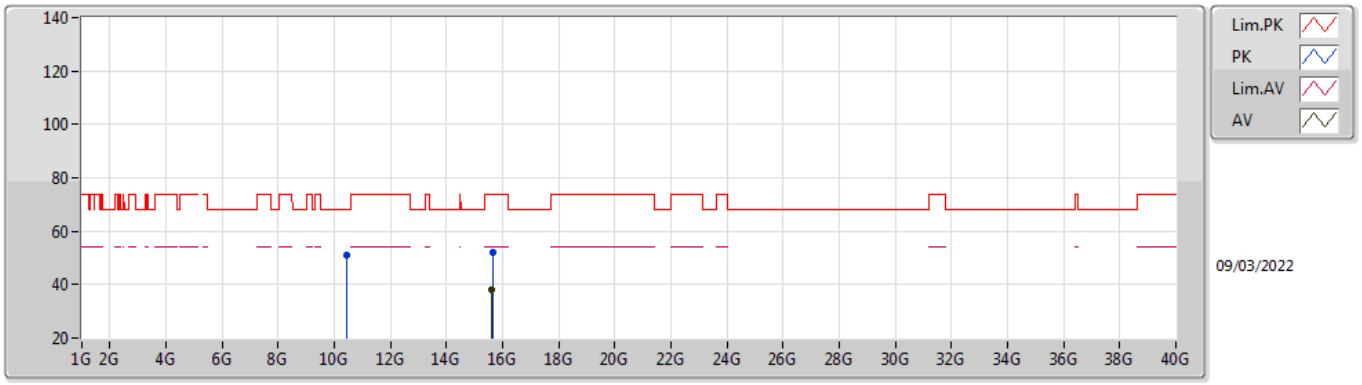


EUT X_2TX
Setting 16
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41238G	50.94	68.20	-17.26	38.07	3	Vertical	206	2.40	-	38.40	7.46	32.99
PK	15.6261G	52.26	74.00	-21.74	38.18	3	Vertical	72	1.99	-	37.55	9.83	33.30
AV	15.61608G	38.26	54.00	-15.74	24.15	3	Vertical	72	1.99	-	37.57	9.83	33.29

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

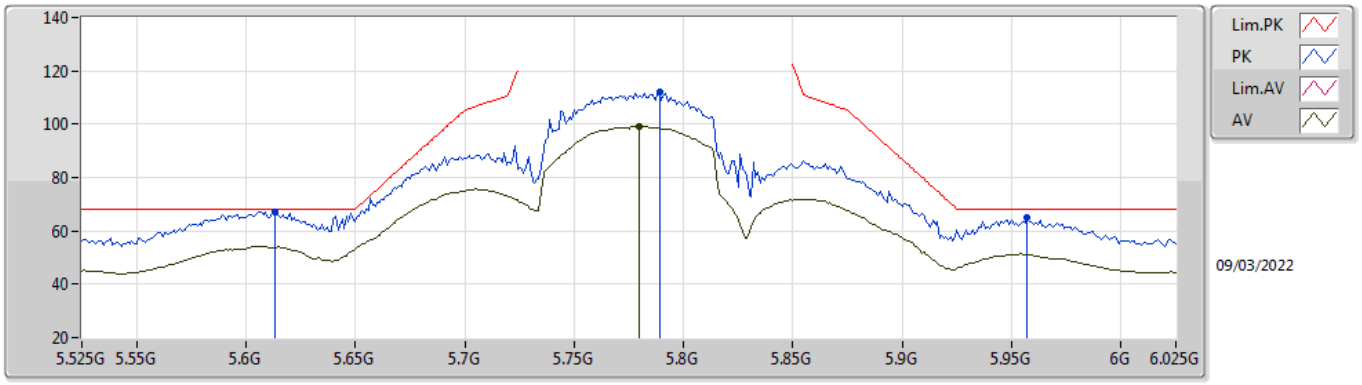


EUT X_2TX
Setting 16
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42036G	51.19	68.20	-17.01	38.32	3	Horizontal	180	1.14	-	38.40	7.47	33.00
PK	15.6375G	52.23	74.00	-21.77	38.18	3	Horizontal	206	2.92	-	37.52	9.84	33.31
AV	15.61716G	38.31	54.00	-15.69	24.20	3	Horizontal	206	2.92	-	37.57	9.83	33.29

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

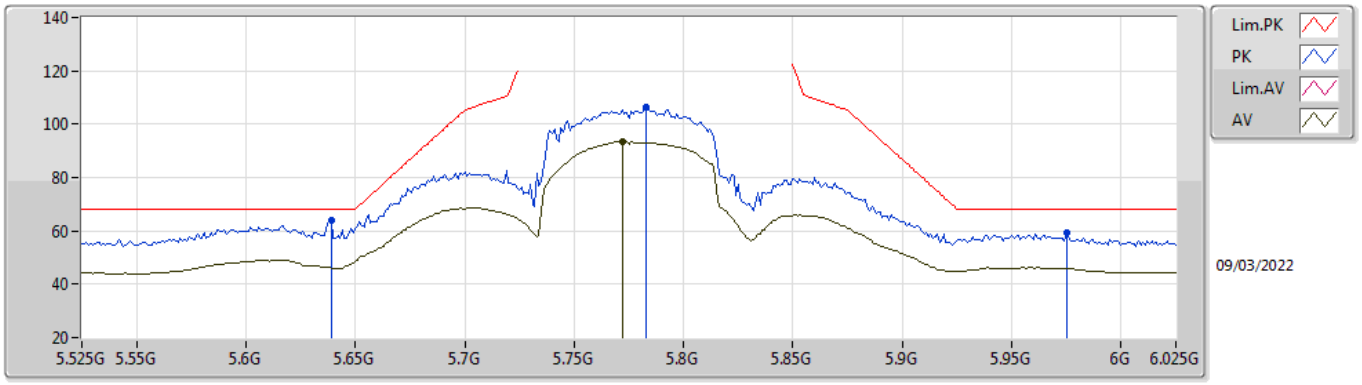


EUT X_2TX
Setting 21
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.613G	67.11	68.20	-1.09	59.78	3	Vertical	106	1.80	-	33.87	5.60	32.14
PK	5.789G	111.98	Inf	-Inf	104.81	3	Vertical	106	1.80	-	33.72	5.60	32.15
AV	5.78G	99.15	Inf	-Inf	91.96	3	Vertical	106	1.80	-	33.74	5.60	32.15
PK	5.957G	64.75	68.20	-3.45	57.05	3	Vertical	106	1.80	-	34.10	5.76	32.16

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

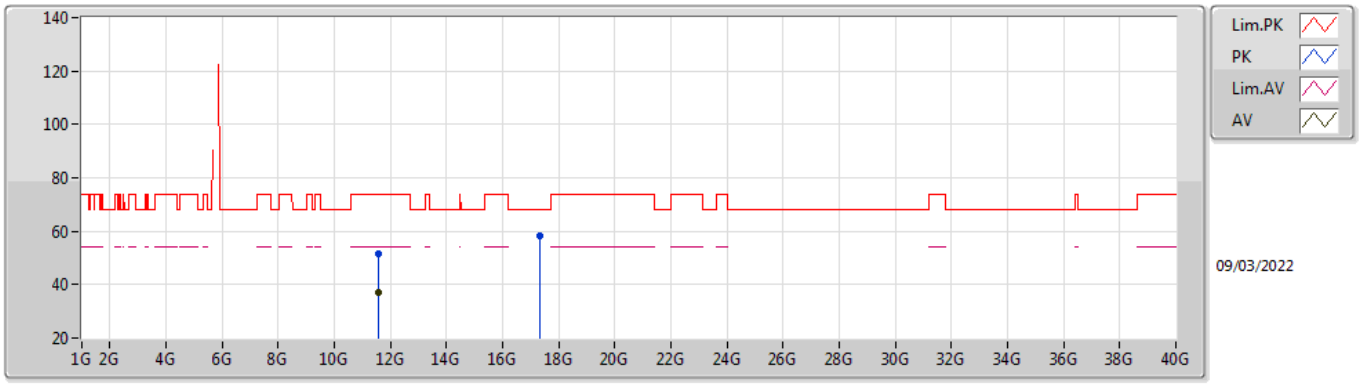


EUT X_2TX
Setting 21
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.639G	63.81	68.20	-4.39	56.53	3	Horizontal	193	2.93	-	33.82	5.60	32.14
PK	5.783G	106.39	Inf	-Inf	99.21	3	Horizontal	193	2.93	-	33.73	5.60	32.15
AV	5.772G	93.54	Inf	-Inf	86.33	3	Horizontal	193	2.93	-	33.76	5.60	32.15
PK	5.975G	59.46	68.20	-8.74	51.75	3	Horizontal	193	2.93	-	34.10	5.77	32.16

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

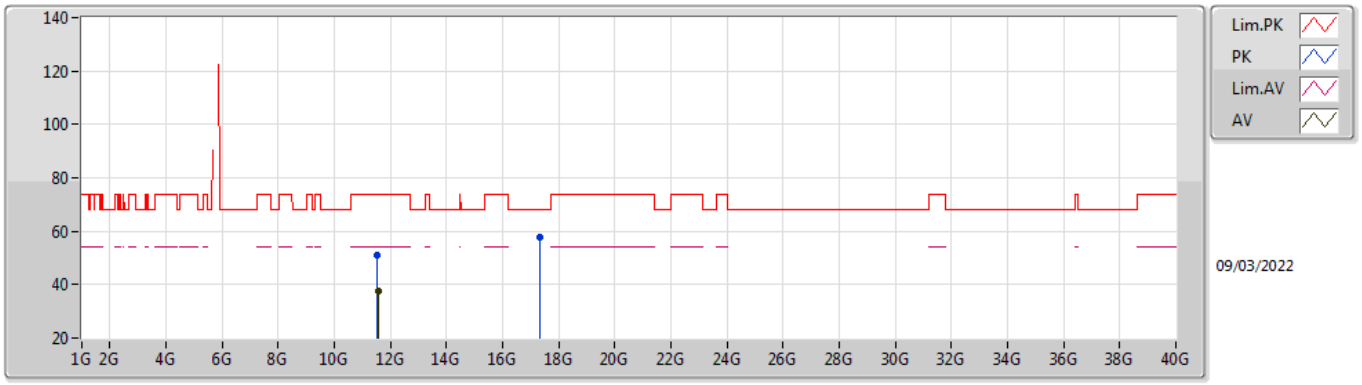


EUT X_2TX
Setting 21
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56368G	51.50	74.00	-22.50	37.62	3	Vertical	172	1.47	-	39.19	7.93	33.24
AV	11.56398G	37.30	54.00	-16.70	23.42	3	Vertical	172	1.47	-	39.19	7.93	33.24
PK	17.33916G	58.12	68.20	-10.08	37.99	3	Vertical	108	2.93	-	42.61	10.67	33.15

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom



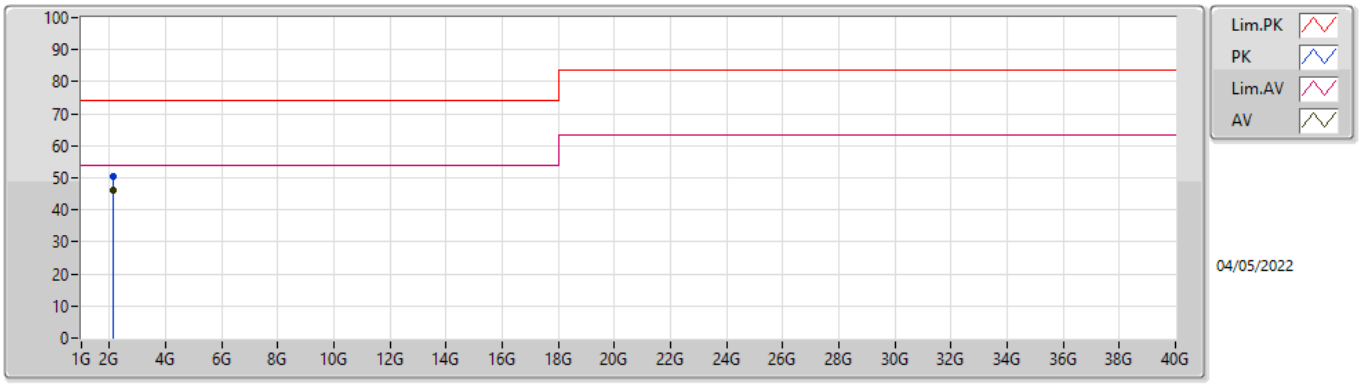
EUT X_2TX
Setting 21
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54892G	50.89	74.00	-23.11	37.05	3	Horizontal	55	1.82	-	39.15	7.92	33.23
AV	11.56386G	37.35	54.00	-16.65	23.47	3	Horizontal	55	1.82	-	39.19	7.93	33.24
PK	17.33838G	57.87	68.20	-10.33	37.74	3	Horizontal	304	2.21	-	42.61	10.67	33.15

Summary

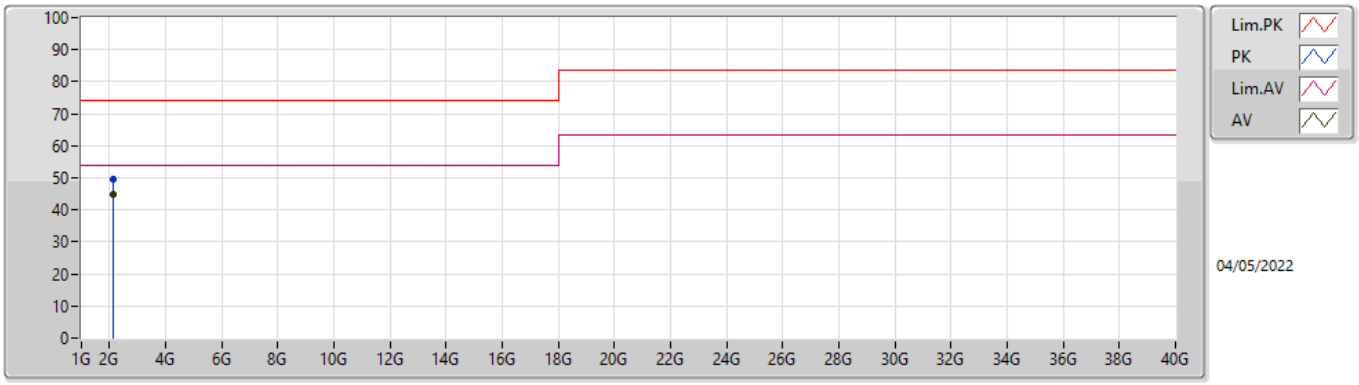
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	2.1248G	46.28	54.00	-7.72	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	2.12509G	50.48	74.00	-23.52	-4.94	3	Vertical	120	1.00	-	55.42	27.30	4.89	37.13
AV	2.1248G	46.28	54.00	-7.72	-4.94	3	Vertical	120	1.00	"Worst"	51.22	27.30	4.89	37.13

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	2.12464G	49.44	74.00	-24.56	-4.94	3	Horizontal	167	1.00	-	54.38	27.30	4.89	37.13
AV	2.12475G	44.83	54.00	-9.17	-4.94	3	Horizontal	167	1.00	"Worst"	49.77	27.30	4.89	37.13