RADIO TEST REPORT

FCC ID	:	XU8TEW929DRU
Equipment	:	AX1800 Dual-Band WiFi 6 Gigabit Dual-WAN VPN SMB Router
Brand Name	:	TRENDnet
Model Name	:	TEW-929DRU
Applicant	:	TRENDNET, Inc. 20675 Manhattan Place, Torrance, CA 90501 USA
Manufacturer	:	TRENDNET, Inc. 20675 Manhattan Place, Torrance, CA 90501 USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Apr. 19, 2022, and testing was started from Apr. 26, 2022 and completed on May 17, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR241319AB	01	Initial issue of report	Jun. 02, 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	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

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

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
	WLAN 2.4GHz	WLAN 5GHz					WLAN 2.4GHz	WLAN 5GHz
1	1	1	M.gear	C732-510012-A	Dipole Antenna	R-SMA	5.33	5.88
2	2	2	M.gear	C732-510012-A	Dipole Antenna	R-SMA	5.33	5.88

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has two antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/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 802.11a/n/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.

Note 3: 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	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

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 = 5.33 ; G2 = 5.33

5G G1 = 5.88 ; G2 = 5.88

2.4G DG = 8.34 dBi

5 GHz U-NII-1 DG = 8.89 dBi

5 GHz U-NII-3 DG = 8.89 dBi

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.935	0.29	1.978m	1k
802.11ax HEW20-BF	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF	0.947	0.24	1.765m	1k
802.11ax HEW80-BF	0.982	0.08	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	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for VHT/11ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QSPR (Ver.5.0-00200)			

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	TH01-CB	Caster Chang	22.4-23.2 / 51-53	Apr. 29, 2022~ May 17, 2022
Radiated (Below 1GHz)	10CH01-CB	Allen Chung	21~22 / 50~51	May 03, 2022~ May 06, 2022
Radiated (Above 1GHz)	03CH02-CB	RJ Huang	23.8-24.9 / 55-58	Apr. 26, 2022~ May 11, 2022
Radiated (Co-location)	03CH05-CB	RJ Huang	24.5-25.6 / 56-59	Apr. 26, 2022~ May 11, 2022
AC Conduction	CO01-CB	Ryan Huang	20~22 / 53~55	May 04, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.9 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
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	24.5
5200MHz	25
5240MHz	24.5
5745MHz	27
5785MHz	27
5825MHz	27
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	23
5240MHz	22.5
5745MHz	23
5785MHz	23
5825MHz	23
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	18.5
5230MHz	21.5
5755MHz	21.5
5795MHz	22.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	23
5240MHz	22.5
5745MHz	23
5785MHz	23
5825MHz	23
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	18.5
5230MHz	21.5
5755MHz	21.5
5795MHz	22.5

Mode	Power Setting
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	20.5
5775MHz	22.5
802.11n HT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	27
5200MHz	27
5240MHz	27
5745MHz	27
5785MHz	27
5825MHz	27
802.11n HT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	25
5755MHz	25
5795MHz	27
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	27
5200MHz	27
5240MHz	27
5745MHz	27
5785MHz	27
5825MHz	27
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	25
5755MHz	25
5795MHz	27
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	24
5775MHz	27
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	27
5200MHz	27
5240MHz	27
5745MHz	27

Mode	Power Setting
5785MHz	27
5825MHz	27
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	25
5755MHz	25
5795MHz	27
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	24
5775MHz	27

Note:

- HEW20/HEW40/HEW80 mode has been selected to execute all tests due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same as HEW20/HEW40/HEW80.
- The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been selected to execute all tests.
- The non-beamforming mode n/ac and the beamforming mode n/ac evaluate the output power only.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT with Adapter 1
2	EUT with Adapter 2
For operating mode 1 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT in X axis with Adapter 1
2	EUT in Y axis with Adapter 1
3	EUT in Z axis with Adapter 1
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT in Z axis with Adapter 2
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, and the worst case as below:
1	EUT in Z 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 was performed at X axis, Y axis and Z axis. EUT in Z axis has been evaluated to be the worst case at Unwanted Emissions <Above 1GHz>; thus, the measurement will follow this same test configuration.
1	EUT in Z axis: WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA241319 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter 1	AMIGO	AMS200-1202000FU	Input: 100-240V~50/60Hz, 0.8A Max Output: 12V, 2.0A
Adapter 2	Ktec	KSA-24W-120200HU	Input: 100-240V~50/60Hz, 0.6A Output: 12V, 2.0A
Others			
RJ-45 cable*1: Non-shielded, 1.5m Console cable*1: Non-shielded, 1.5m Wall-mounted rack*2			

2.5 Support Equipment

For AC Conduction and Radiated below 1GHz:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	2.5G LAN PC	DELL	T3400	N/A
B	WAN PC	DELL	T3400	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	LAN2 NB	DELL	E6430	N/A
F	USB to RJ-45 card	i-gota	LAN-U3BRJ45	N/A
G	USB to LAN NB	DELL	E6430	N/A

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

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

<Beamforming mode>

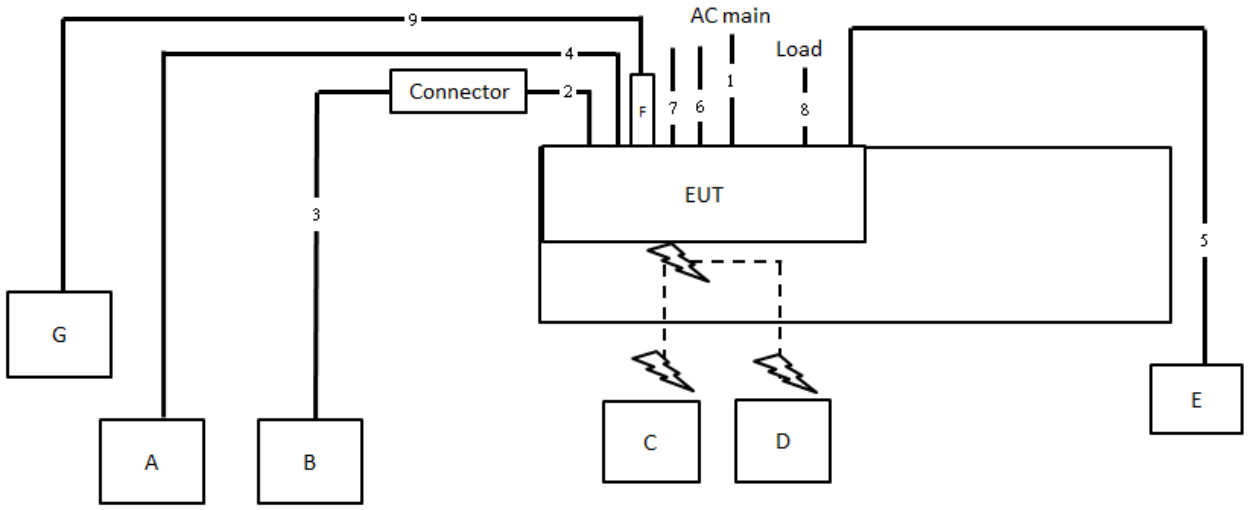
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	Cradlepoint	E30	N/A
C	Notebook	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	5G Client	Cradlepoint	E300	N/A

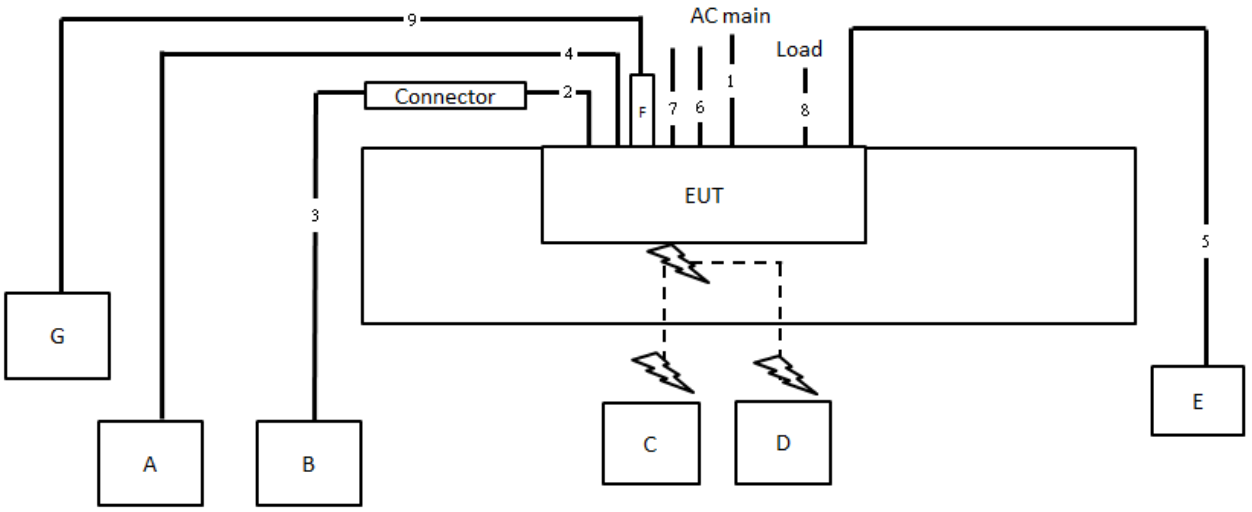
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



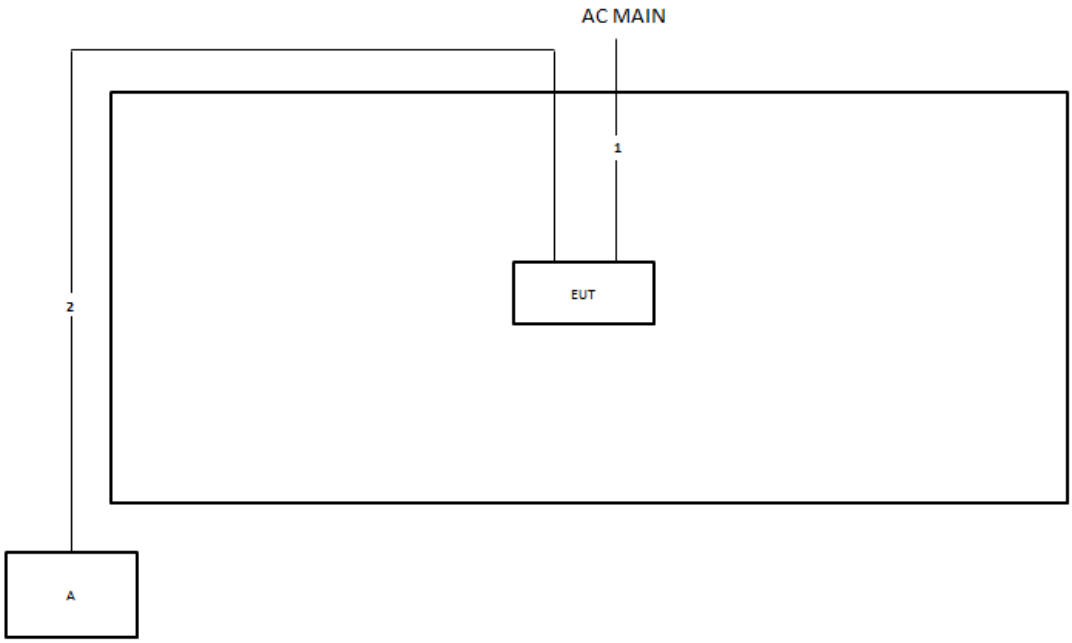
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	Console cable	No	1.5m
7	GND cable	No	1.8m
8	RJ-45 cable*2	No	1.5m
9	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



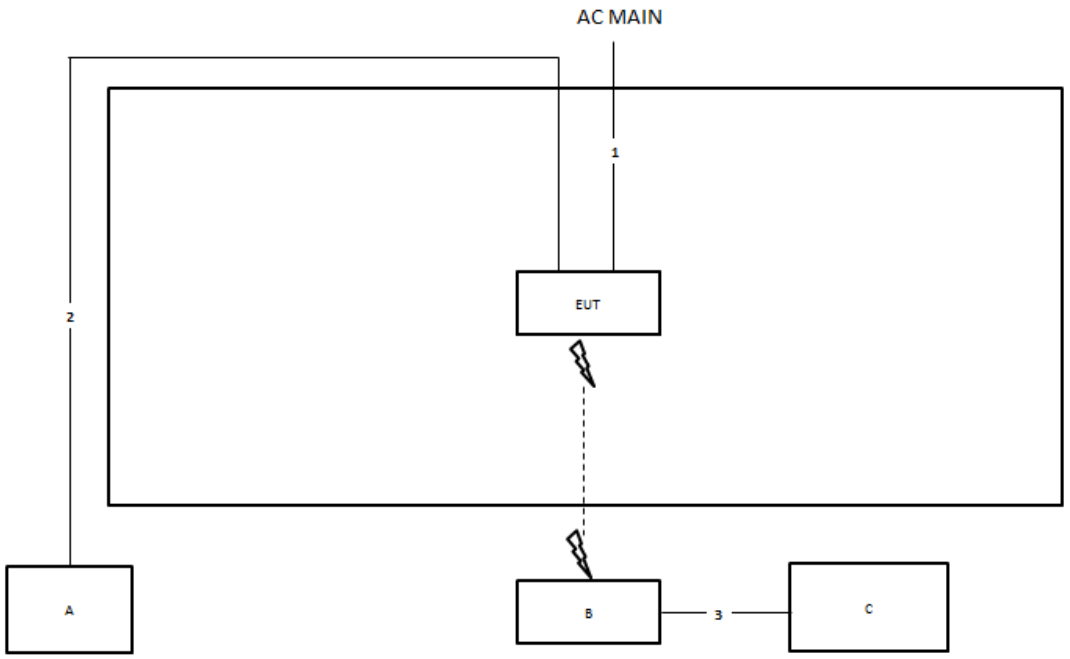
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	Console cable	No	1.5m
7	GND cable	No	1.8m
8	RJ-45 cable*2	No	1.5m
9	RJ-45 cable	No	10m

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



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

Test Setup Diagram - Radiated Test > 1GHz
Beamforming mode



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

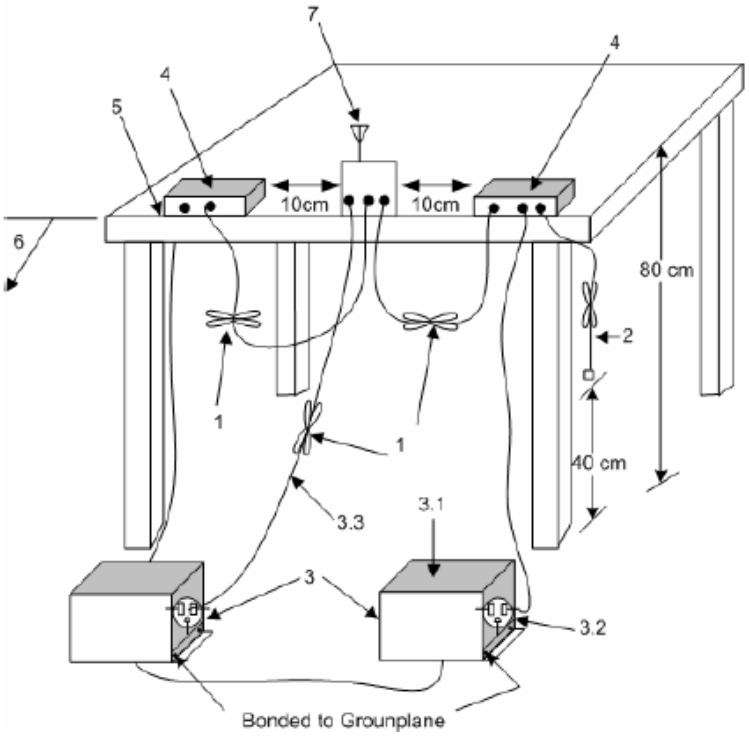
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☐ For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐ For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒ For the 5.725-5.85 GHz band, 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.

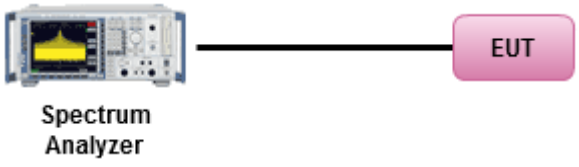
3.2.2 Measuring Instruments

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

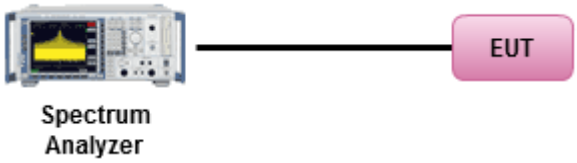
Refer a test equipment and calibration data table in this test report.

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.

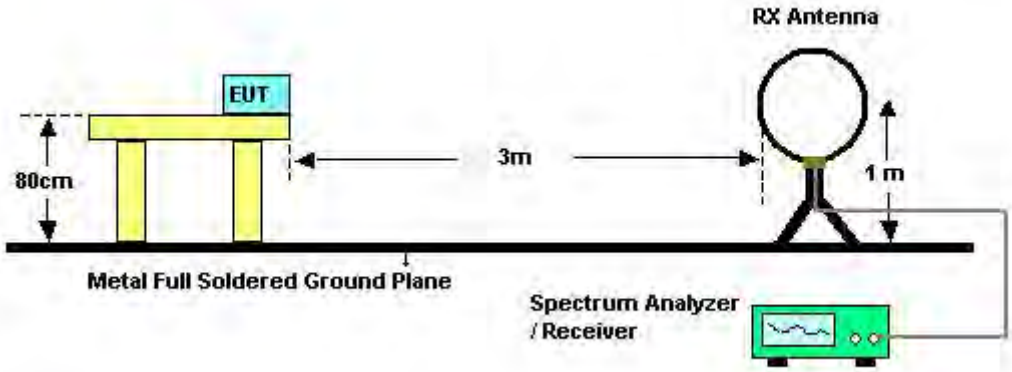
3.5.3 Test Procedures

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.			

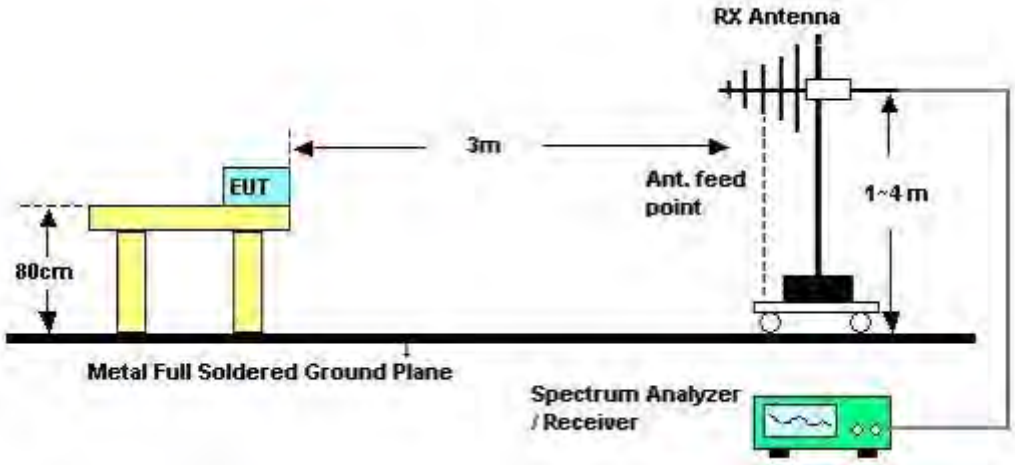
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

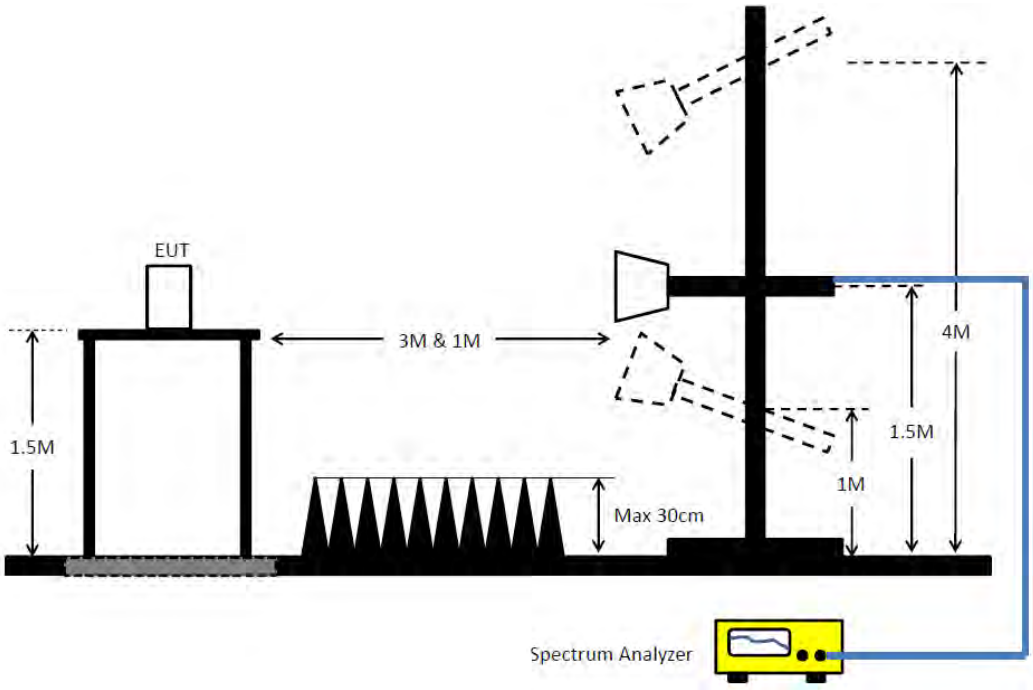
9kHz ~30MHz



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	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 18, 2022	Mar. 17, 2023	Radiation (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 27, 2022	Jan. 26, 2023	Radiation (10CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 19, 2021	Oct. 18, 2022	Radiation (10CH01-CB)
High Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 19, 2021	Oct. 18, 2022	Radiation (10CH01-CB)
Bilog Antenna with 6dB Attenuator	Chase & EMCI	CBL6111A &N-6-06	1543 &AT-N0609	30MHz ~ 1GHz	Jul. 01, 2021	Jun. 30, 2022	Radiation (10CH01-CB)
EMI Test Receiver	Rohde&Schwarz	ESCI	100186	9kHz ~ 3GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde&Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 22, 2022	Apr. 21, 2023	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Oct. 14, 2021	Oct. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

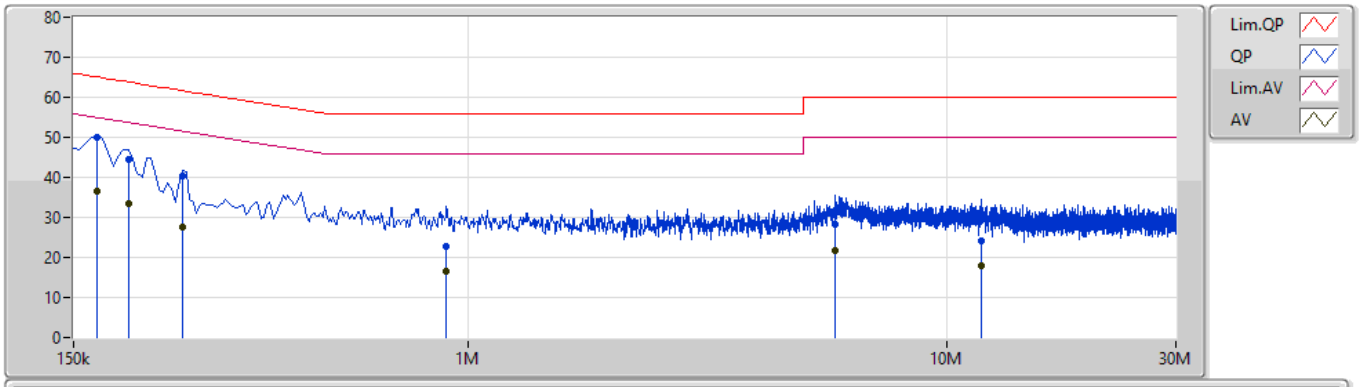
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	168k	49.94	65.06	-15.12	Line

Mode 1

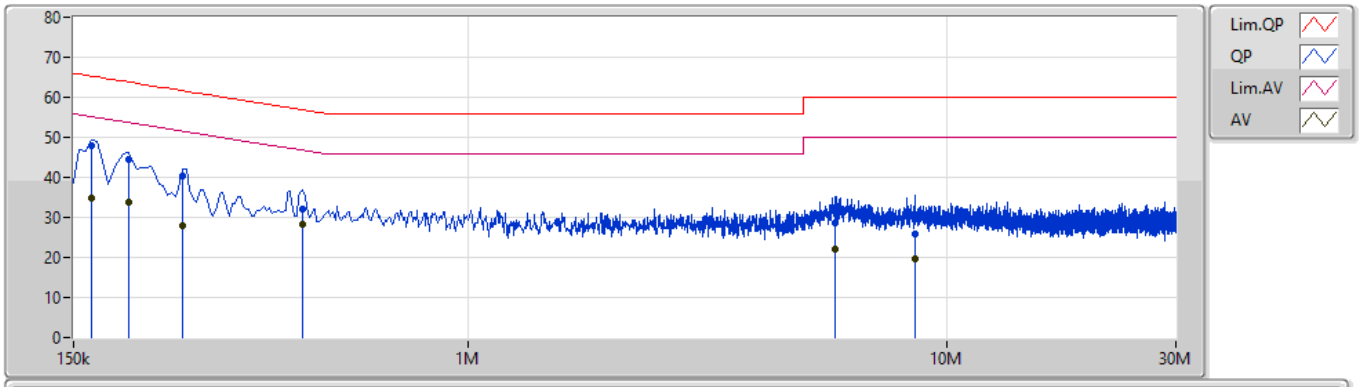
04/05/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168k	49.94	65.06	-15.12	9.97	Line	"Worst"	39.97	0.06	0.02	9.89
AV	168k	36.46	55.06	-18.60	9.97	Line	-	26.49	0.06	0.02	9.89
QP	195k	44.55	63.82	-19.27	9.97	Line	-	34.58	0.06	0.02	9.89
AV	195k	33.34	53.82	-20.48	9.97	Line	-	23.37	0.06	0.02	9.89
QP	253.5k	40.30	61.64	-21.34	9.97	Line	-	30.33	0.06	0.02	9.89
AV	253.5k	27.63	51.64	-24.01	9.97	Line	-	17.66	0.06	0.02	9.89
QP	901.5k	22.64	56.00	-33.36	9.98	Line	-	12.66	0.07	0.02	9.89
AV	901.5k	16.38	46.00	-29.62	9.98	Line	-	6.40	0.07	0.02	9.89
QP	5.834M	28.34	60.00	-31.66	10.13	Line	-	18.21	0.16	0.07	9.90
AV	5.834M	21.73	50.00	-28.27	10.13	Line	-	11.60	0.16	0.07	9.90
QP	11.792M	24.26	60.00	-35.74	10.25	Line	-	14.01	0.24	0.09	9.92
AV	11.792M	17.78	50.00	-32.22	10.25	Line	-	7.53	0.24	0.09	9.92

Mode 1

04/05/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	48.06	65.27	-17.21	9.98	Neutral	"Worst"	38.08	0.07	0.02	9.89
AV	163.5k	34.79	55.27	-20.48	9.98	Neutral	-	24.81	0.07	0.02	9.89
QP	195k	44.59	63.82	-19.23	9.98	Neutral	-	34.61	0.07	0.02	9.89
AV	195k	33.70	53.82	-20.12	9.98	Neutral	-	23.72	0.07	0.02	9.89
QP	253.5k	40.36	61.64	-21.28	9.98	Neutral	-	30.38	0.07	0.02	9.89
AV	253.5k	27.98	51.64	-23.66	9.98	Neutral	-	18.00	0.07	0.02	9.89
QP	451.5k	31.94	56.84	-24.90	9.98	Neutral	-	21.96	0.07	0.02	9.89
AV	451.5k	28.37	46.84	-18.47	9.98	Neutral	-	18.39	0.07	0.02	9.89
QP	5.847M	28.65	60.00	-31.35	10.15	Neutral	-	18.50	0.18	0.07	9.90
AV	5.847M	22.04	50.00	-27.96	10.15	Neutral	-	11.89	0.18	0.07	9.90
QP	8.579M	25.91	60.00	-34.09	10.20	Neutral	-	15.71	0.22	0.07	9.91
AV	8.579M	19.49	50.00	-30.51	10.20	Neutral	-	9.29	0.22	0.07	9.91

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.35M	16.462M	16M5D1D	19.65M	16.312M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.94M	18.861M	18M9D1D	20.79M	18.831M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	58.32M	37.781M	37M8D1D	40.44M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.36M	76.642M	76M6D1D	81.12M	76.642M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.27M	21.529M	21M5D1D	14.46M	16.642M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.29M	18.861M	18M9D1D	15.15M	18.831M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	33.84M	37.961M	38M0D1D	32.52M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	50.64M	77.241M	77M2D1D	42.84M	76.402M

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

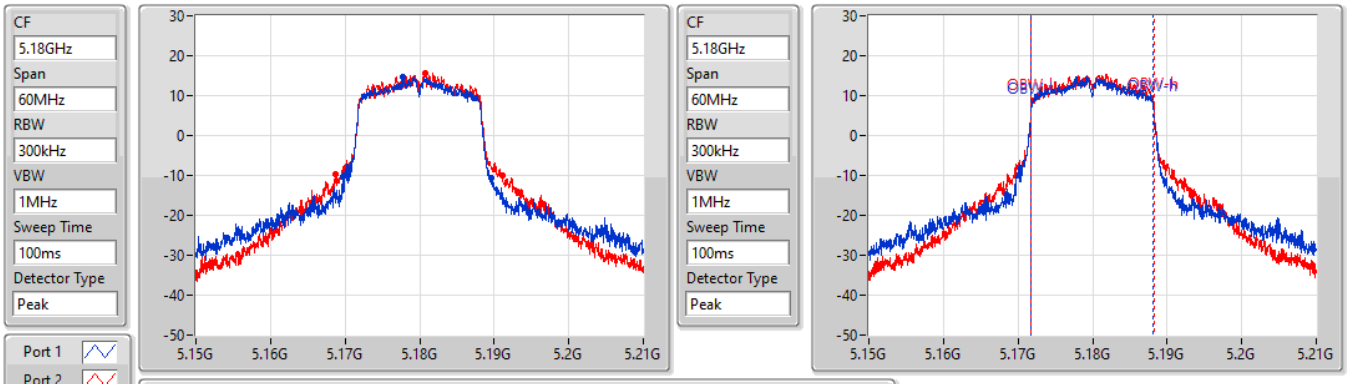
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.8M	16.402M	22.35M	16.462M
5200MHz	Pass	Inf	21M	16.402M	20.64M	16.372M
5240MHz	Pass	Inf	20.73M	16.372M	19.65M	16.312M
5745MHz	Pass	500k	15.09M	21.529M	15.03M	16.672M
5785MHz	Pass	500k	15.06M	18.951M	15.27M	16.642M
5825MHz	Pass	500k	15.06M	17.871M	14.46M	16.642M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.82M	18.831M	20.88M	18.861M
5200MHz	Pass	Inf	20.94M	18.831M	20.85M	18.861M
5240MHz	Pass	Inf	20.79M	18.861M	20.85M	18.831M
5745MHz	Pass	500k	15.15M	18.861M	15.18M	18.831M
5785MHz	Pass	500k	16.29M	18.831M	16.23M	18.861M
5825MHz	Pass	500k	16.26M	18.831M	15.78M	18.831M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.44M	37.721M	40.62M	37.601M
5230MHz	Pass	Inf	40.98M	37.781M	58.32M	37.721M
5755MHz	Pass	500k	33.84M	37.721M	33.72M	37.721M
5795MHz	Pass	500k	32.52M	37.961M	33.78M	37.781M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	76.642M	81.36M	76.642M
5775MHz	Pass	500k	42.84M	76.402M	50.64M	77.241M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

29/04/2022

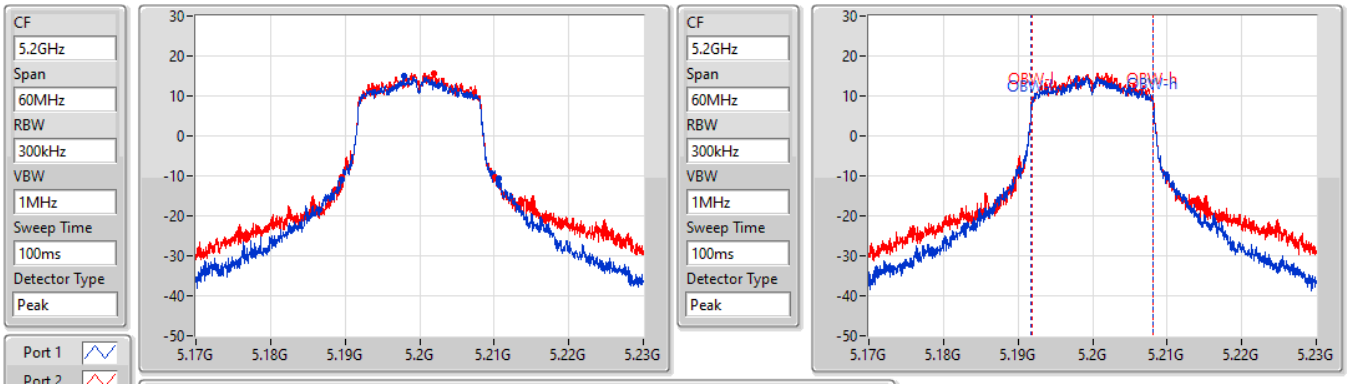


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.8M	5.16974G	5.18954G	16.402M	5.171784G	5.188186G	Inf	1
22.35M	5.16869G	5.19104G	16.462M	5.171784G	5.188246G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

29/04/2022

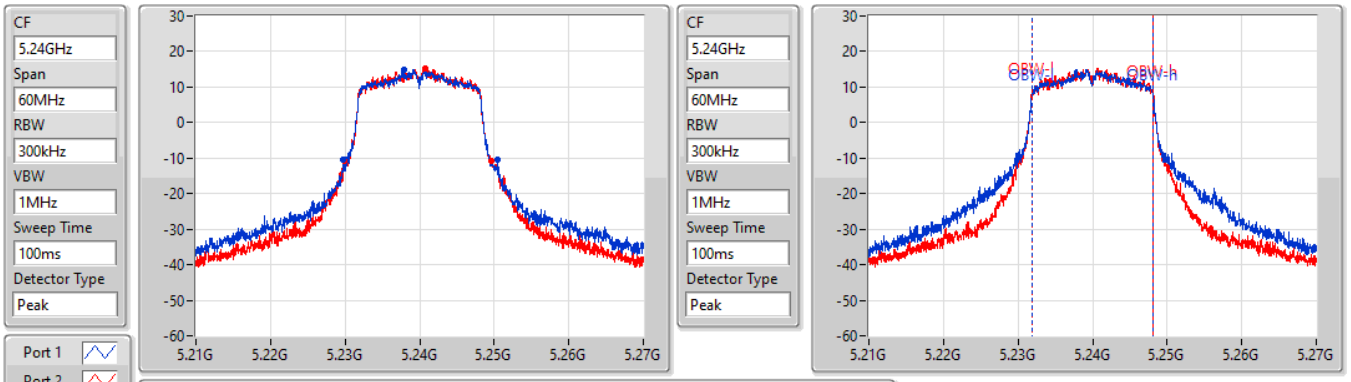


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21M	5.18962G	5.21062G	16.402M	5.191784G	5.208186G	Inf	1
20.64M	5.1895G	5.21014G	16.372M	5.191814G	5.208186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

29/04/2022

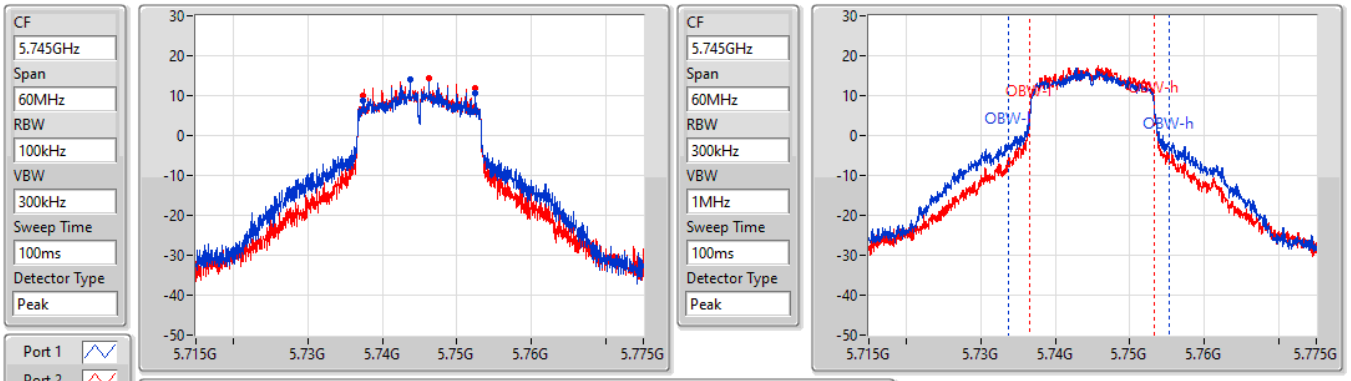


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.22977G	5.2505G	16.372M	5.231814G	5.248186G	Inf	1
19.65M	5.22992G	5.24957G	16.312M	5.231844G	5.248156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

29/04/2022

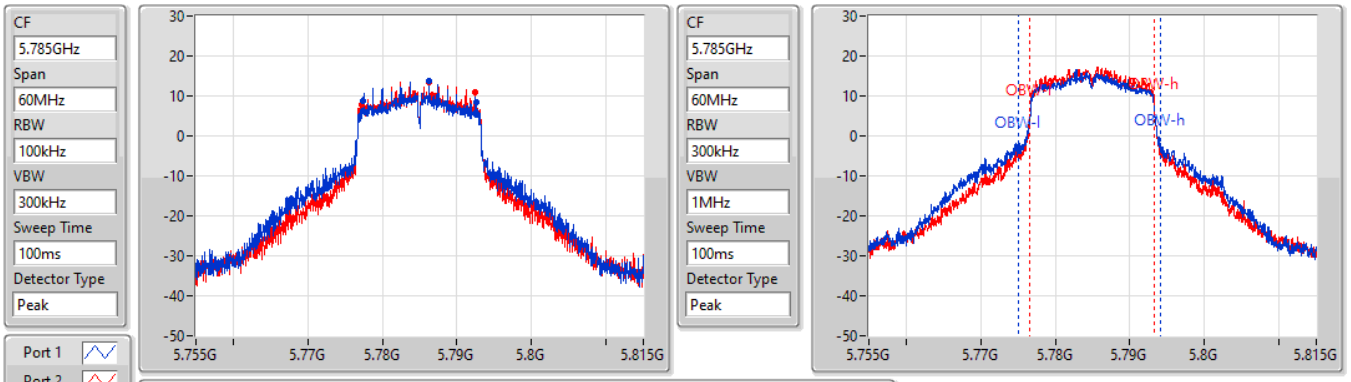


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.73741G	5.7525G	21.529M	5.733696G	5.755225G	500k	1
15.03M	5.73744G	5.75247G	16.672M	5.736634G	5.753306G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

29/04/2022

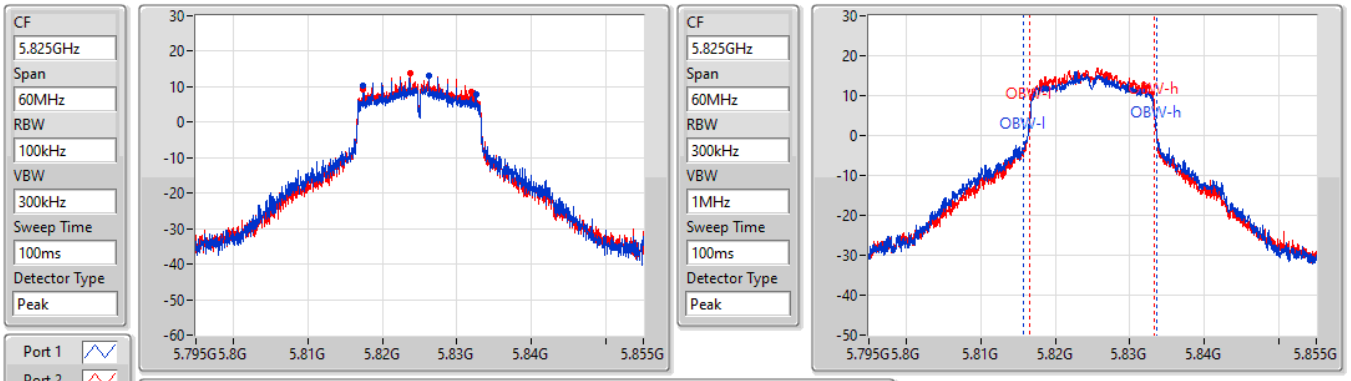


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.77747G	5.79253G	18.951M	5.775075G	5.794025G	500k	1
15.27M	5.77723G	5.7925G	16.642M	5.776634G	5.793276G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

29/04/2022

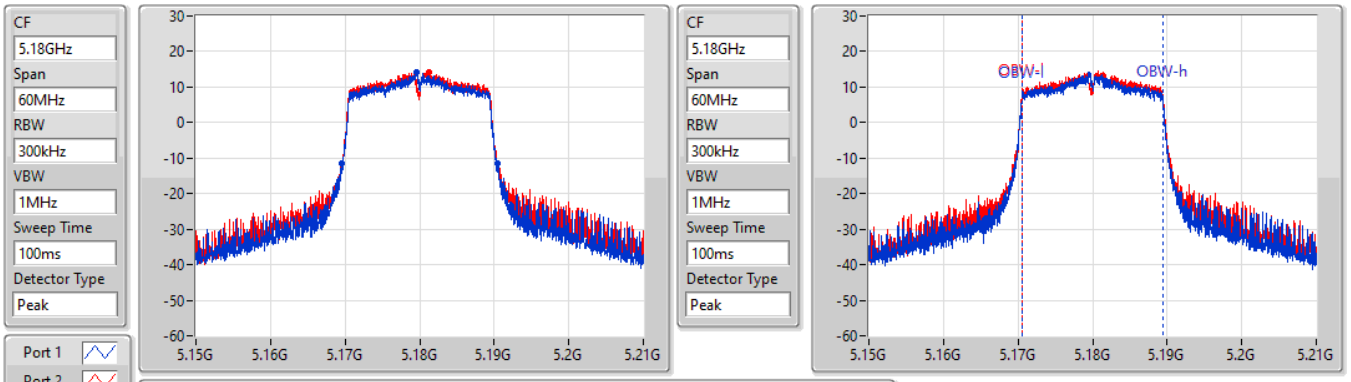


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.81747G	5.83253G	17.871M	5.815735G	5.833606G	500k	1
14.46M	5.81741G	5.83187G	16.642M	5.816604G	5.833246G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5180MHz

29/04/2022

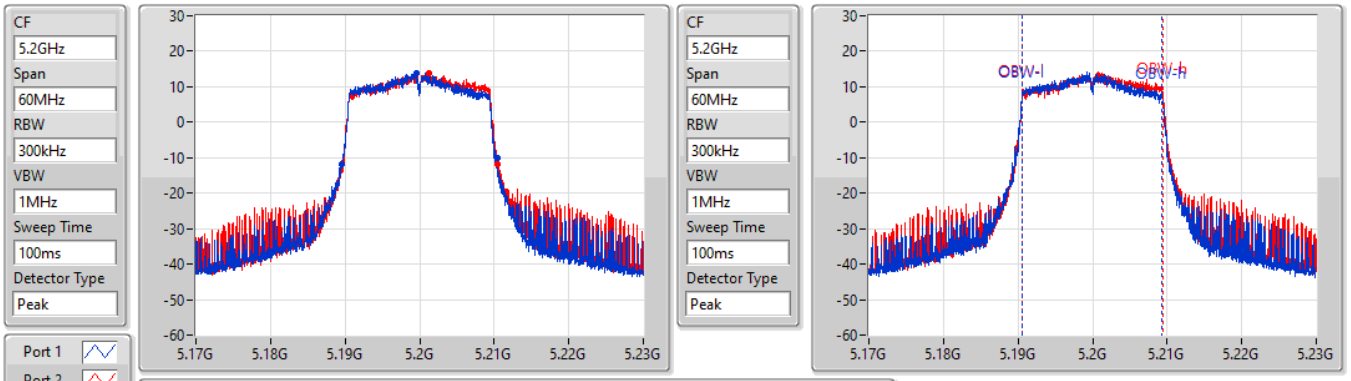


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.82M	5.16956G	5.19038G	18.831M	5.170555G	5.189385G	Inf	1
20.88M	5.16956G	5.19044G	18.861M	5.170555G	5.189415G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5200MHz

29/04/2022

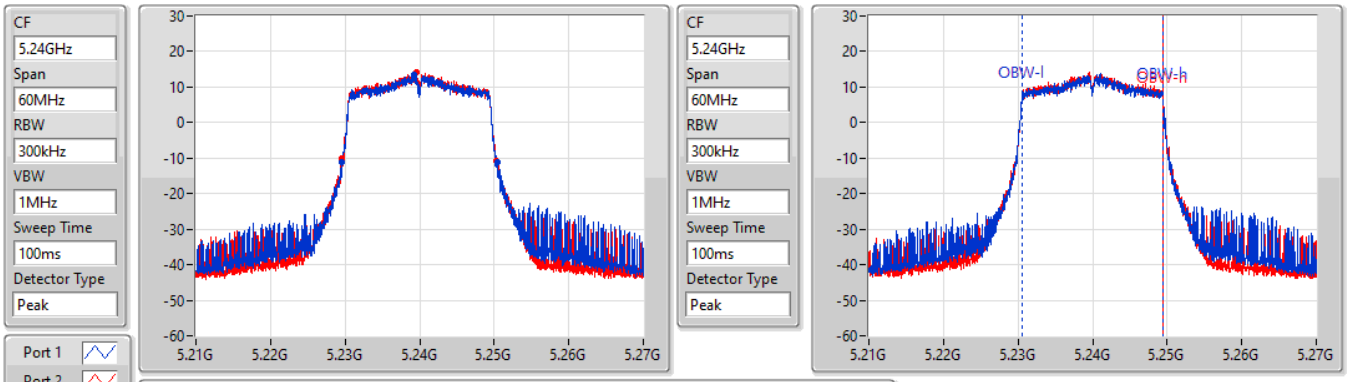


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.94M	5.1895G	5.21044G	18.831M	5.190525G	5.209355G	Inf	1
20.85M	5.18959G	5.21044G	18.861M	5.190585G	5.209445G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5240MHz

29/04/2022

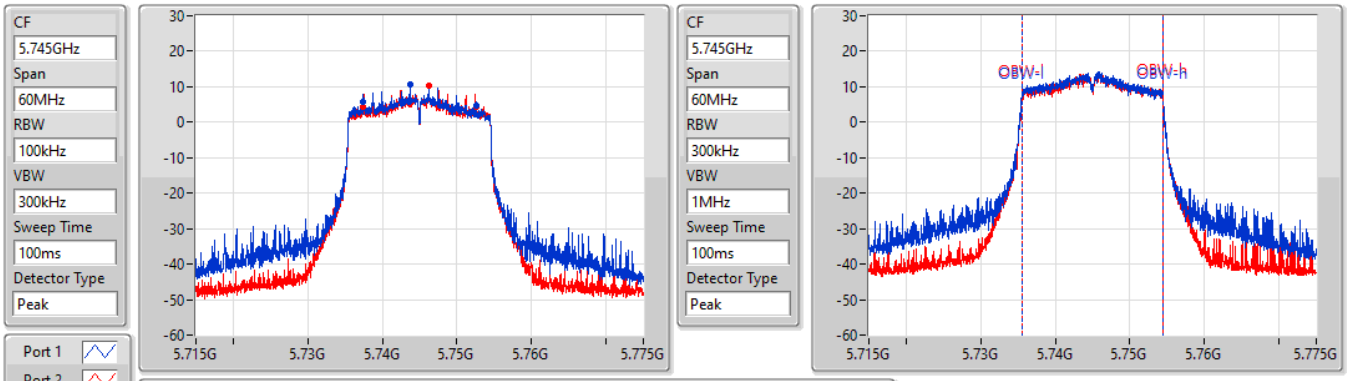


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.22962G	5.25041G	18.861M	5.230555G	5.249415G	Inf	1
20.85M	5.2295G	5.25035G	18.831M	5.230555G	5.249385G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5745MHz

29/04/2022

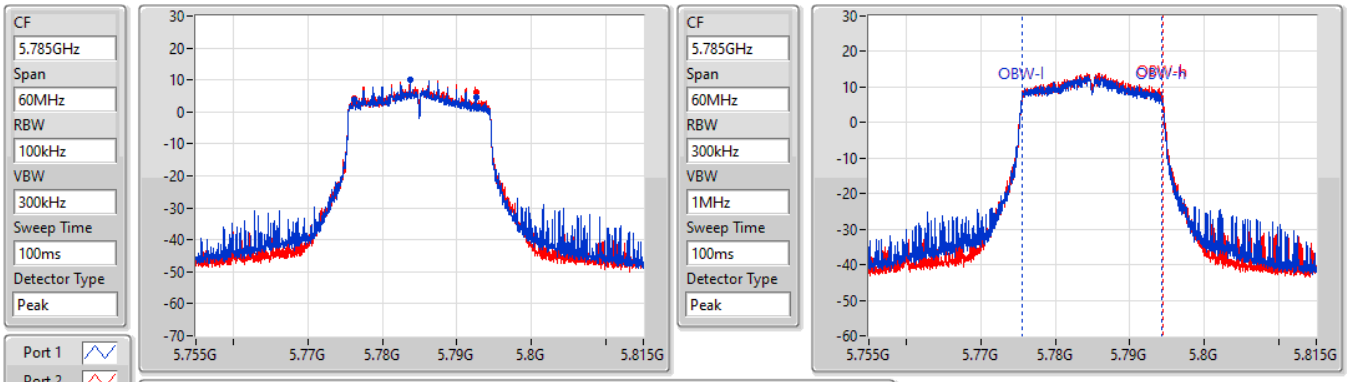


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.15M	5.73741G	5.75256G	18.861M	5.735525G	5.754385G	500k	1
15.18M	5.73738G	5.75256G	18.831M	5.735555G	5.754385G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5785MHz

29/04/2022

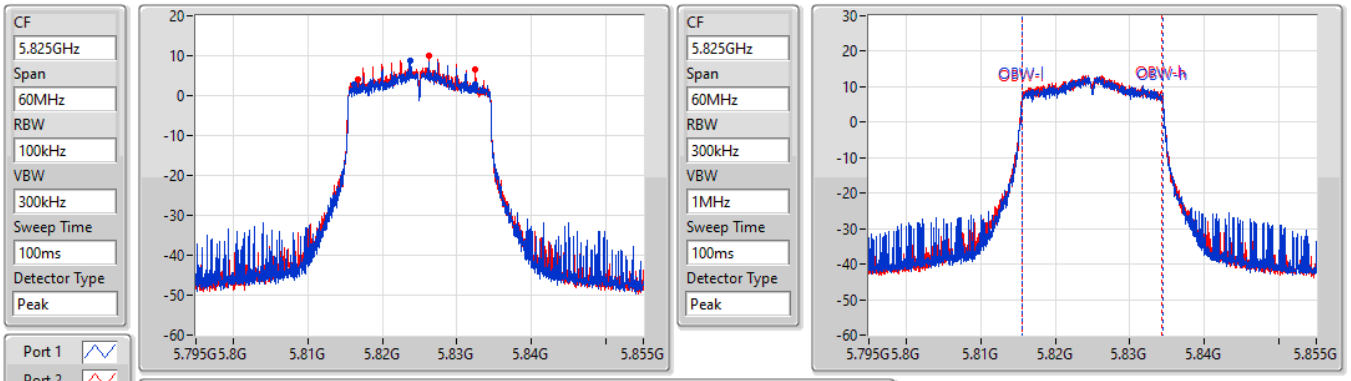


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77624G	5.79253G	18.831M	5.775525G	5.794355G	500k	1
16.23M	5.7763G	5.79253G	18.861M	5.775525G	5.794385G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5825MHz

29/04/2022

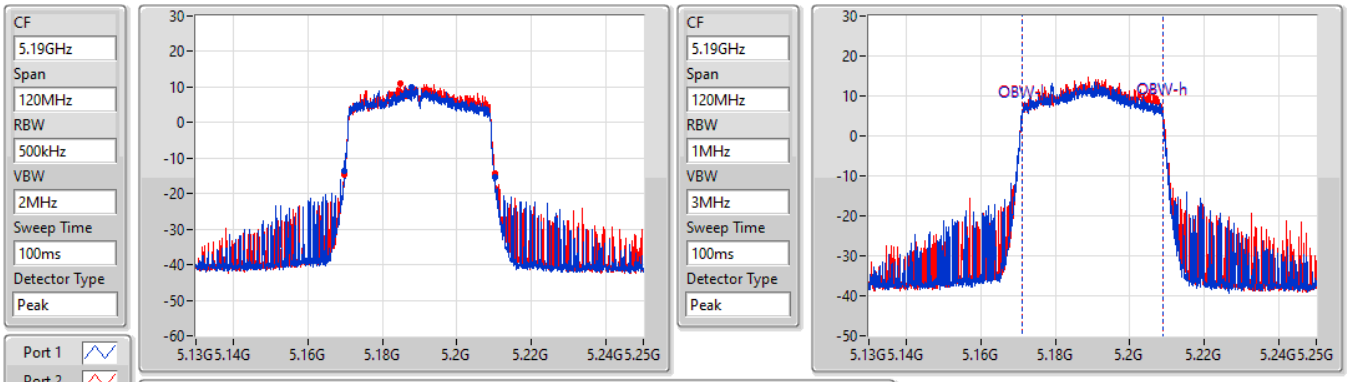


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.26M	5.81615G	5.83241G	18.831M	5.815555G	5.834385G	500k	1
15.78M	5.81672G	5.8325G	18.831M	5.815525G	5.834355G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5190MHz

29/04/2022

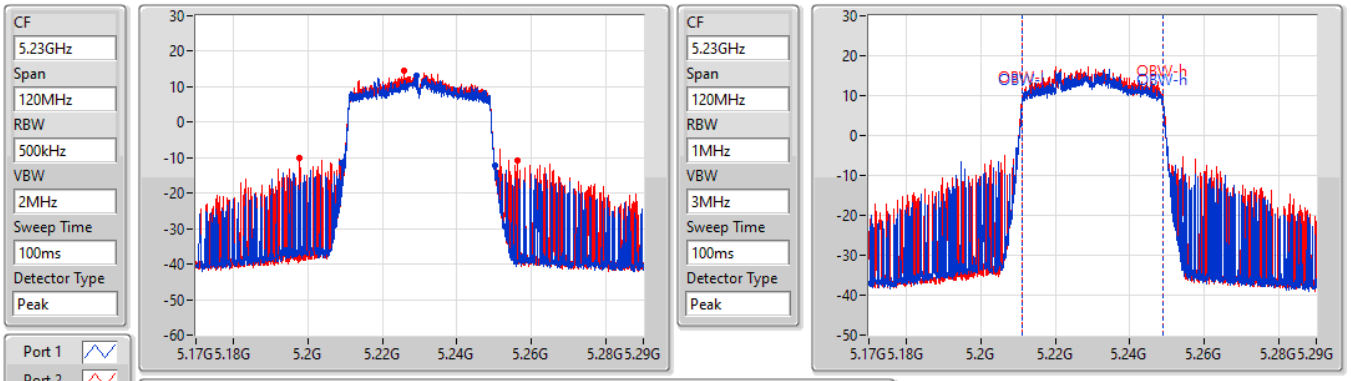


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.16978G	5.21022G	37.721M	5.171049G	5.208771G	Inf	1
40.62M	5.16966G	5.21028G	37.601M	5.171229G	5.208831G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5230MHz

29/04/2022

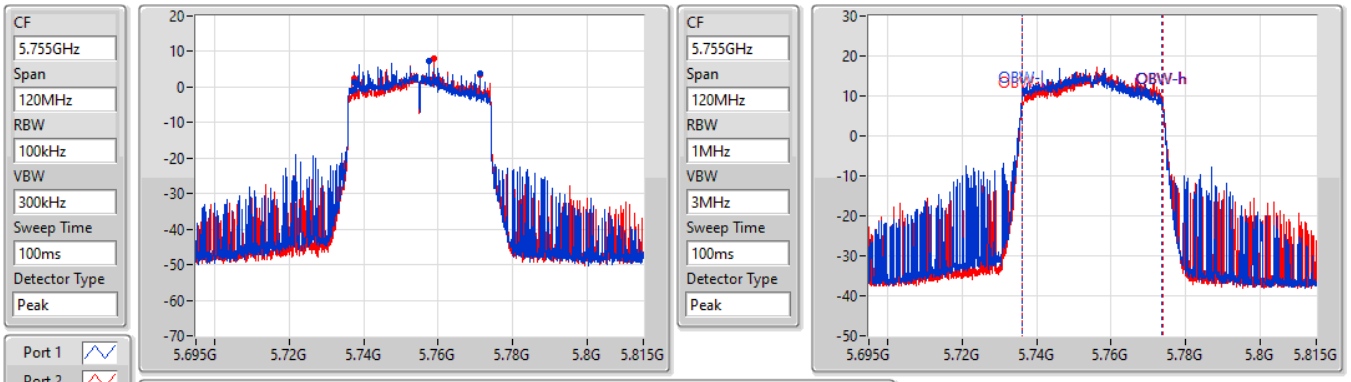


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.20912G	5.2501G	37.781M	5.211109G	5.248891G	Inf	1
58.32M	5.1979G	5.25622G	37.721M	5.211109G	5.248831G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5755MHz

29/04/2022

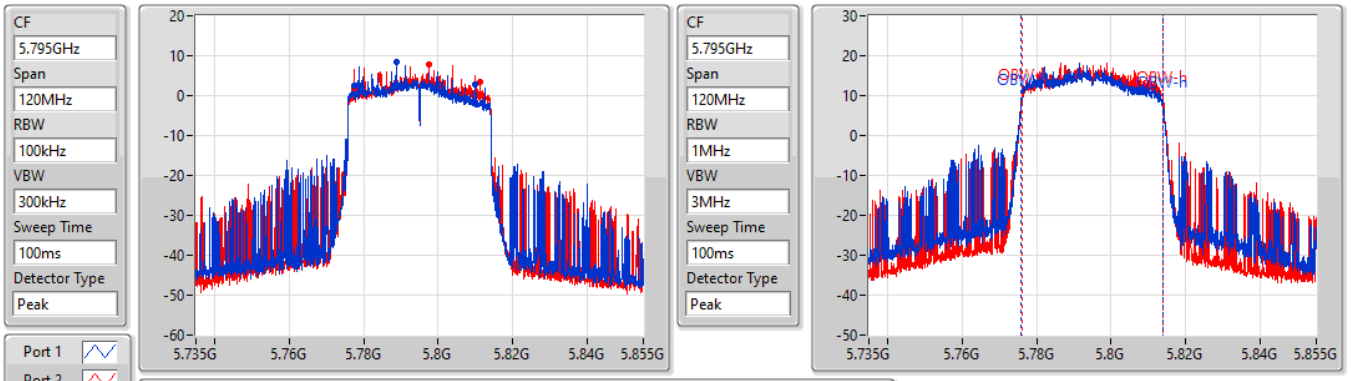


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.84M	5.73742G	5.77126G	37.721M	5.73599G	5.773711G	500k	1
33.72M	5.73754G	5.77126G	37.721M	5.736109G	5.773831G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5795MHz

29/04/2022

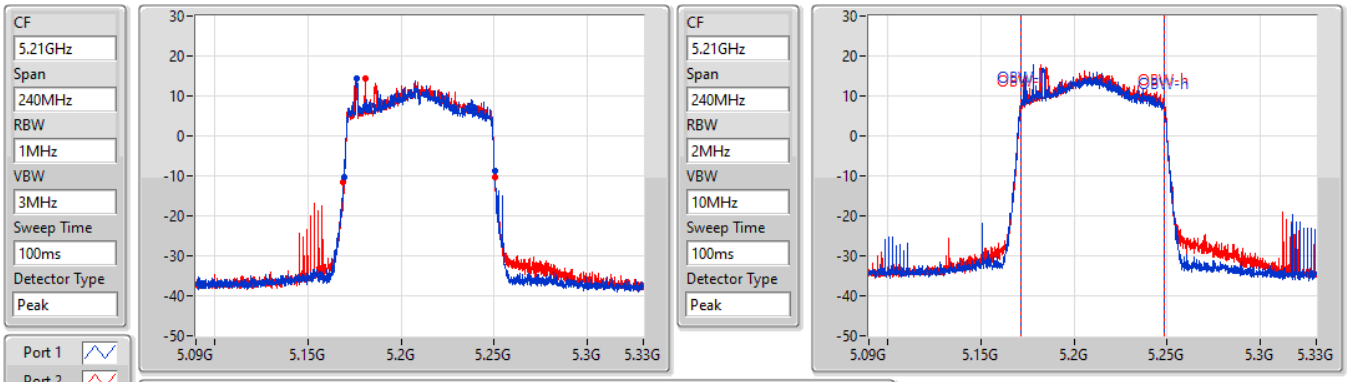


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.52M	5.77742G	5.80994G	37.961M	5.77581G	5.813771G	500k	1
33.78M	5.77742G	5.8112G	37.781M	5.776049G	5.813831G	500k	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5210MHz

29/04/2022

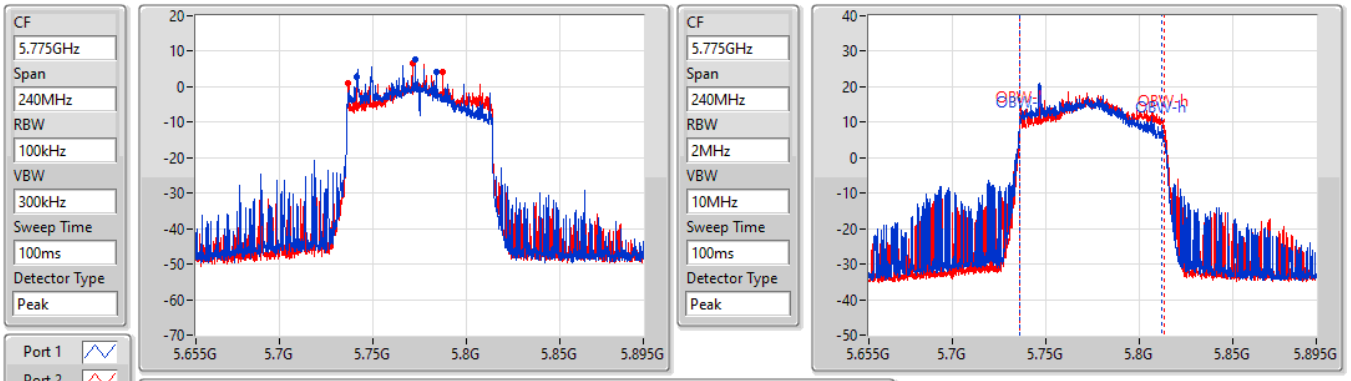


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.16944G	5.25056G	76.642M	5.171619G	5.248261G	Inf	1
81.36M	5.16908G	5.25044G	76.642M	5.171619G	5.248261G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5775MHz

29/04/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.84M	5.74092G	5.78376G	76.402M	5.736019G	5.812421G	500k	1
50.64M	5.73684G	5.78748G	77.241M	5.736139G	5.813381G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.74	0.37497
802.11n HT20_Nss1,(MCS0)_2TX	23.13	0.20559
802.11n HT40_Nss1,(MCS0)_2TX	21.87	0.15382
802.11ac VHT20_Nss1,(MCS0)_2TX	23.16	0.20701
802.11ac VHT40_Nss1,(MCS0)_2TX	22.01	0.15885
802.11ac VHT80_Nss1,(MCS0)_2TX	20.74	0.11858
802.11n HT20-BF_Nss1,(MCS0)_2TX	23.03	0.20091
802.11n HT40-BF_Nss1,(MCS0)_2TX	22.03	0.15959
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.21	0.20941
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.23	0.16711
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.96	0.12474
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.35	0.21627
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.40	0.17378
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.15	0.13032
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.07	0.50933
802.11n HT20_Nss1,(MCS0)_2TX	22.73	0.18750
802.11n HT40_Nss1,(MCS0)_2TX	22.48	0.17701
802.11ac VHT20_Nss1,(MCS0)_2TX	22.67	0.18493
802.11ac VHT40_Nss1,(MCS0)_2TX	22.61	0.18239
802.11ac VHT80_Nss1,(MCS0)_2TX	21.94	0.15631
802.11n HT20-BF_Nss1,(MCS0)_2TX	22.43	0.17498
802.11n HT40-BF_Nss1,(MCS0)_2TX	22.52	0.17865
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.59	0.18155
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.74	0.18793
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	22.00	0.15849
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.84	0.19231
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.88	0.19409
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.20	0.16596

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	5.88	22.3	22.65	25.49	30.00	
5200MHz	Pass	5.88	22.52	22.93	25.74	30.00	
5240MHz	Pass	5.88	22.39	22.35	25.38	30.00	
5745MHz	Pass	5.88	23.65	24.44	27.07	30.00	
5785MHz	Pass	5.88	23.3	24.07	26.71	30.00	
5825MHz	Pass	5.88	22.96	23.78	26.40	30.00	
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	5.88	19.77	19.98	22.89	30.00	
5200MHz	Pass	5.88	20.07	20.17	23.13	30.00	
5240MHz	Pass	5.88	19.96	19.43	22.71	30.00	
5745MHz	Pass	5.88	19.76	19.67	22.73	30.00	
5785MHz	Pass	5.88	19.52	19.48	22.51	30.00	
5825MHz	Pass	5.88	18.48	19.38	21.96	30.00	
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	5.88	16.12	16.51	19.33	30.00	
5230MHz	Pass	5.88	18.89	18.82	21.87	30.00	
5755MHz	Pass	5.88	18.47	18.36	21.43	30.00	
5795MHz	Pass	5.88	19.33	19.61	22.48	30.00	
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	5.88	19.86	19.95	22.92	30.00	
5200MHz	Pass	5.88	20.11	20.19	23.16	30.00	
5240MHz	Pass	5.88	20.01	19.52	22.78	30.00	
5745MHz	Pass	5.88	19.81	19.51	22.67	30.00	
5785MHz	Pass	5.88	19.62	19.51	22.58	30.00	
5825MHz	Pass	5.88	18.51	19.42	22.00	30.00	
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	5.88	16.3	16.67	19.50	30.00	
5230MHz	Pass	5.88	19.1	18.9	22.01	30.00	s
5755MHz	Pass	5.88	18.6	18.57	21.60	30.00	
5795MHz	Pass	5.88	19.46	19.74	22.61	30.00	
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	5.88	17.96	17.49	20.74	30.00	
5775MHz	Pass	5.88	18.79	19.07	21.94	30.00	
802.11n HT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	8.89	19.79	19.98	22.90	27.11	
5200MHz	Pass	8.89	19.86	20.18	23.03	27.11	
5240MHz	Pass	8.89	19.58	19.63	22.62	27.11	
5745MHz	Pass	8.89	19.55	19.28	22.43	27.11	
5785MHz	Pass	8.89	19.04	19.36	22.21	27.11	
5825MHz	Pass	8.89	18.19	19.18	21.72	27.11	
802.11n HT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	8.89	16.57	16.49	19.54	27.11	
5230MHz	Pass	8.89	18.63	19.38	22.03	27.11	
5755MHz	Pass	8.89	18.59	18.39	21.50	27.11	
5795MHz	Pass	8.89	19.19	19.81	22.52	27.11	
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	8.89	19.98	20.19	23.10	27.11	
5200MHz	Pass	8.89	20.06	20.33	23.21	27.11	
5240MHz	Pass	8.89	19.74	19.82	22.79	27.11	
5745MHz	Pass	8.89	19.72	19.43	22.59	27.11	
5785MHz	Pass	8.89	19.21	19.51	22.37	27.11	
5825MHz	Pass	8.89	18.33	19.33	21.87	27.11	
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	8.89	16.71	16.69	19.71	27.11	

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	
5230MHz	Pass	8.89	18.82	19.58	22.23	27.11	
5755MHz	Pass	8.89	18.71	18.55	21.64	27.11	
5795MHz	Pass	8.89	19.36	20.07	22.74	27.11	
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	8.89	17.73	18.16	20.96	27.11	
5775MHz	Pass	8.89	18.75	19.21	22.00	27.11	
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	8.89	20.1	20.41	23.27	27.11	
5200MHz	Pass	8.89	20.14	20.54	23.35	27.11	
5240MHz	Pass	8.89	19.93	20.03	22.99	27.11	
5745MHz	Pass	8.89	19.92	19.74	22.84	27.11	
5785MHz	Pass	8.89	19.32	19.84	22.60	27.11	
5825MHz	Pass	8.89	18.51	19.52	22.05	27.11	
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	8.89	16.85	16.9	19.89	27.11	
5230MHz	Pass	8.89	19	19.75	22.40	27.11	
5755MHz	Pass	8.89	18.9	18.72	21.82	27.11	
5795MHz	Pass	8.89	19.54	20.18	22.88	27.11	
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	8.89	17.94	18.34	21.15	27.11	
5775MHz	Pass	8.89	18.94	19.43	22.20	27.11	

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.04
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.60
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.98
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.00
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.16
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.12
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.46
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.87

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

Result

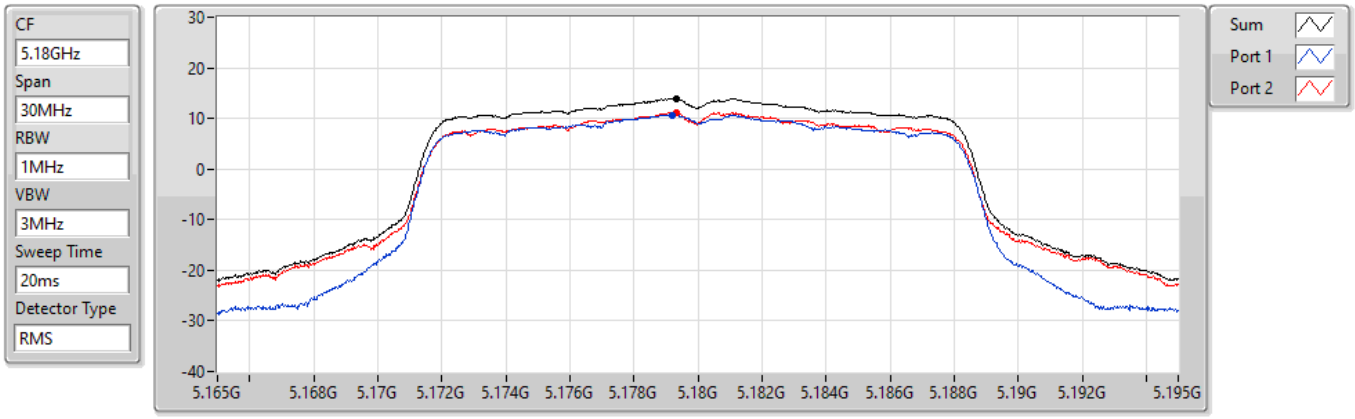
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.89	10.66	11.2	13.89	14.11
5200MHz	Pass	8.89	10.85	11.45	14.04	14.11
5240MHz	Pass	8.89	10.69	10.84	13.71	14.11
5745MHz	Pass	8.89	10.79	11.54	14.16	27.11
5785MHz	Pass	8.89	10.36	11.3	13.80	27.11
5825MHz	Pass	8.89	10.02	11.11	13.57	27.11
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.89	6.85	7.89	10.36	14.11
5200MHz	Pass	8.89	7.54	7.66	10.60	14.11
5240MHz	Pass	8.89	7.33	7.77	10.34	14.11
5745MHz	Pass	8.89	6.59	5.80	9.12	27.11
5785MHz	Pass	8.89	5.48	6.10	8.66	27.11
5825MHz	Pass	8.89	5.18	5.79	8.42	27.11
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.89	0.39	1.51	3.96	14.11
5230MHz	Pass	8.89	3.58	4.47	6.98	14.11
5755MHz	Pass	8.89	2.55	2.34	5.21	27.11
5795MHz	Pass	8.89	3.20	3.88	6.46	27.11
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.89	0.00	0.14	3.00	14.11
5775MHz	Pass	8.89	-0.16	0.16	2.87	27.11

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

802.11a_Nss1,(6Mbps)_2TX PSD

5180MHz

29/04/2022

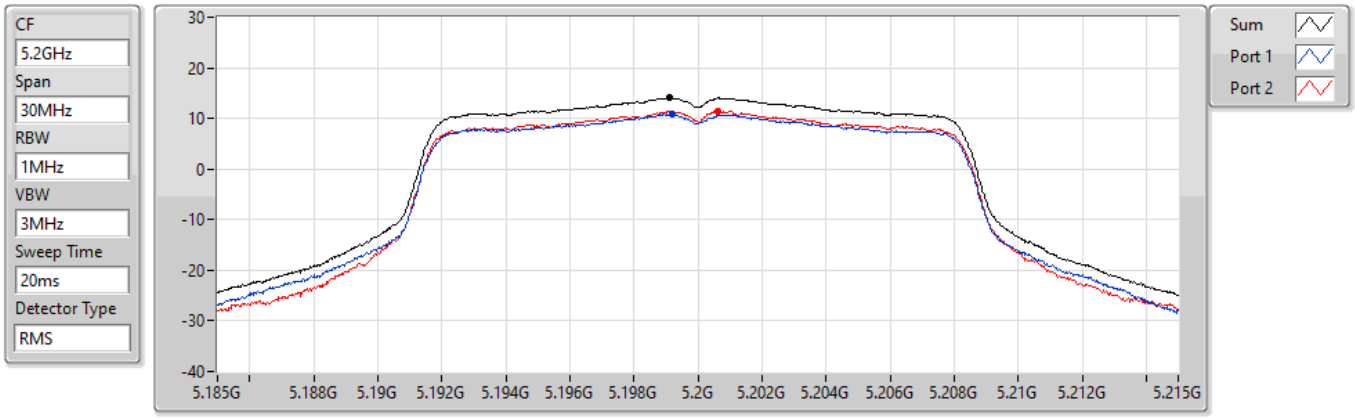


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.89	13.89	10.66	11.20

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

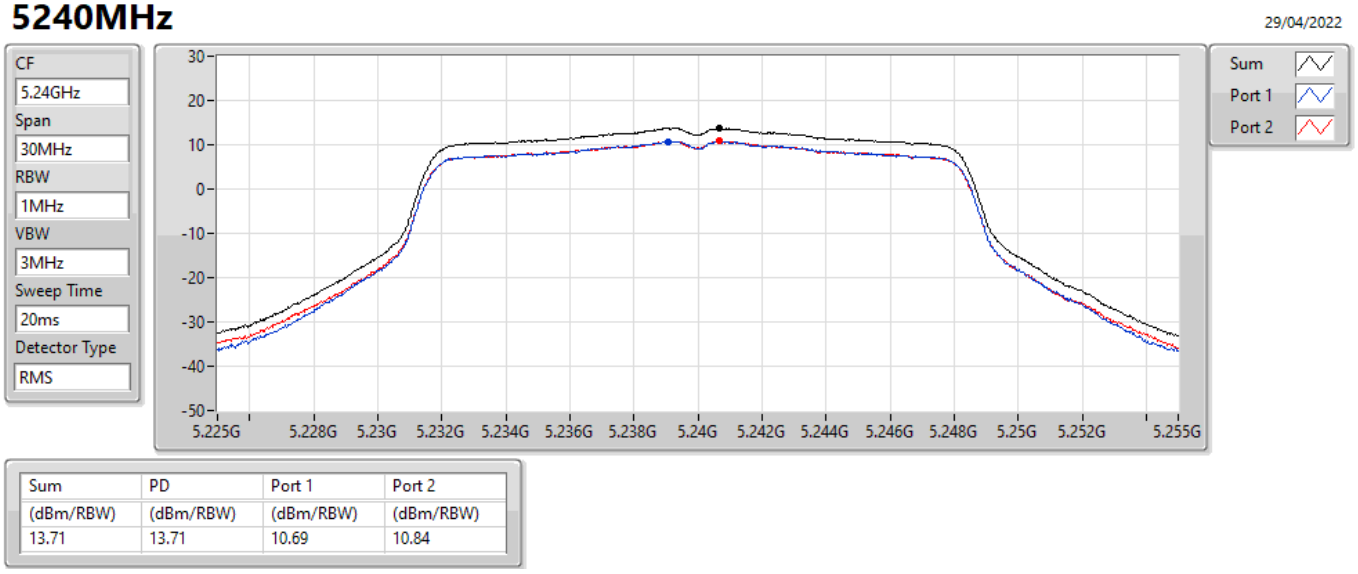
29/04/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.04	14.04	10.85	11.45

802.11a_Nss1,(6Mbps)_2TX PSD

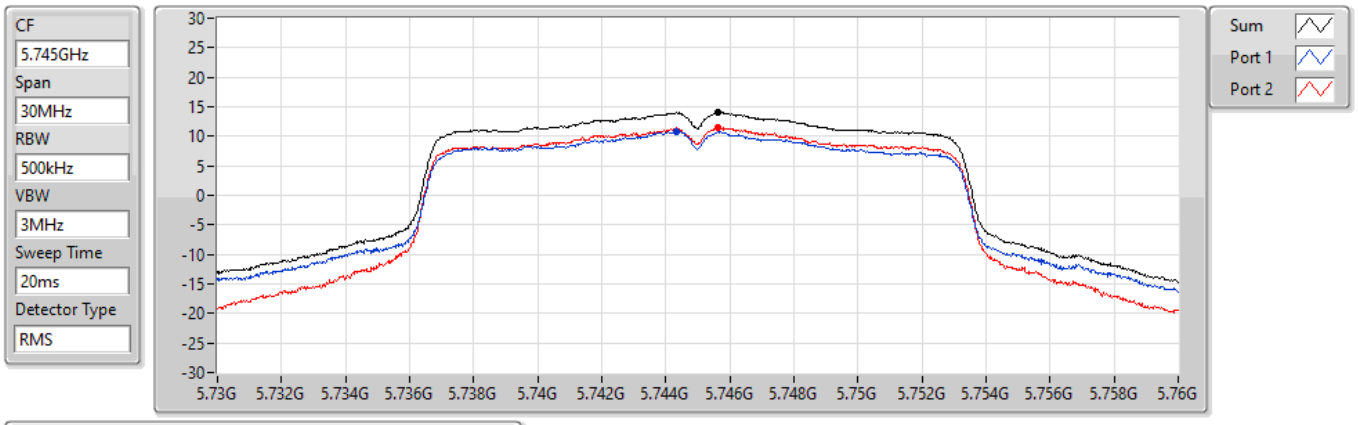
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.71	13.71	10.69	10.84

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz



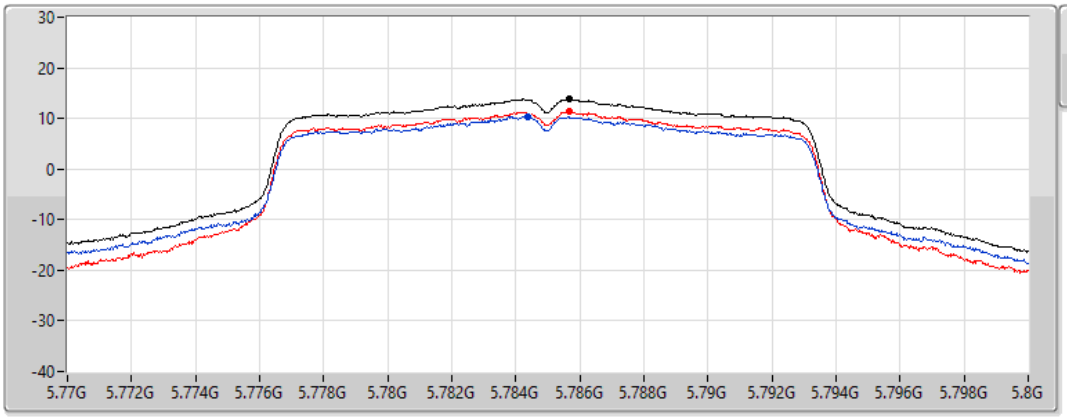
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.16	14.16	10.79	11.54

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

29/04/2022

CF	5.785GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



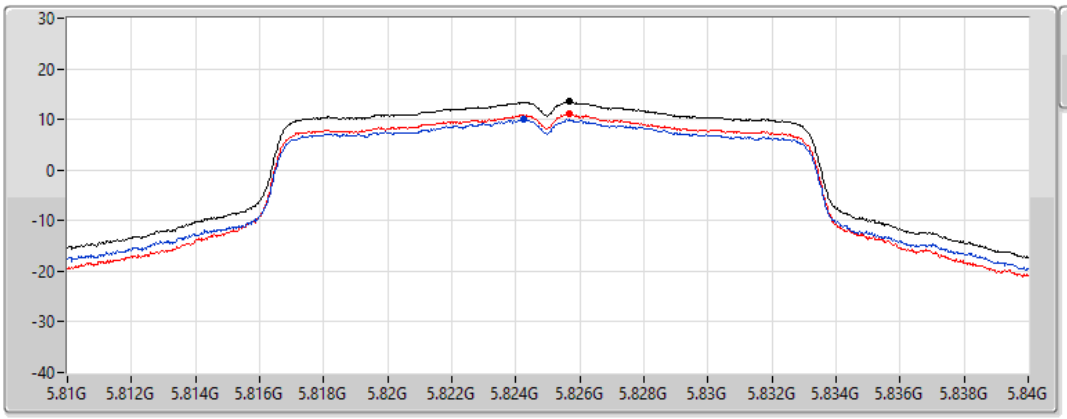
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.80	13.80	10.36	11.30

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

29/04/2022

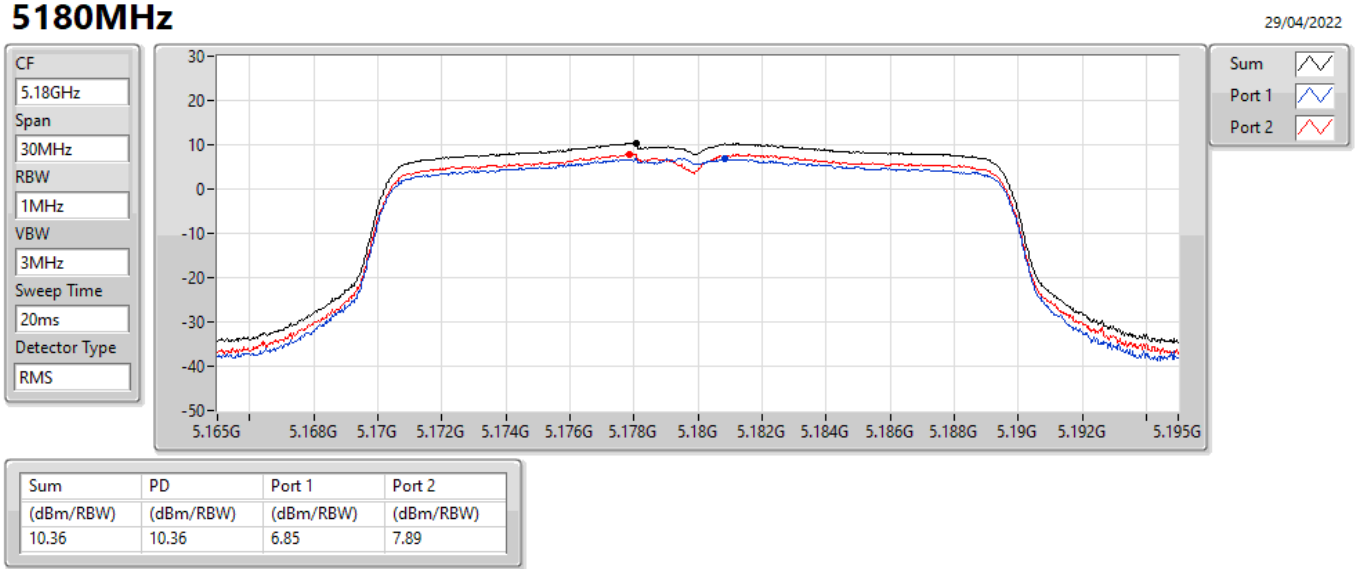
CF	5.825GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.57	13.57	10.02	11.11

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

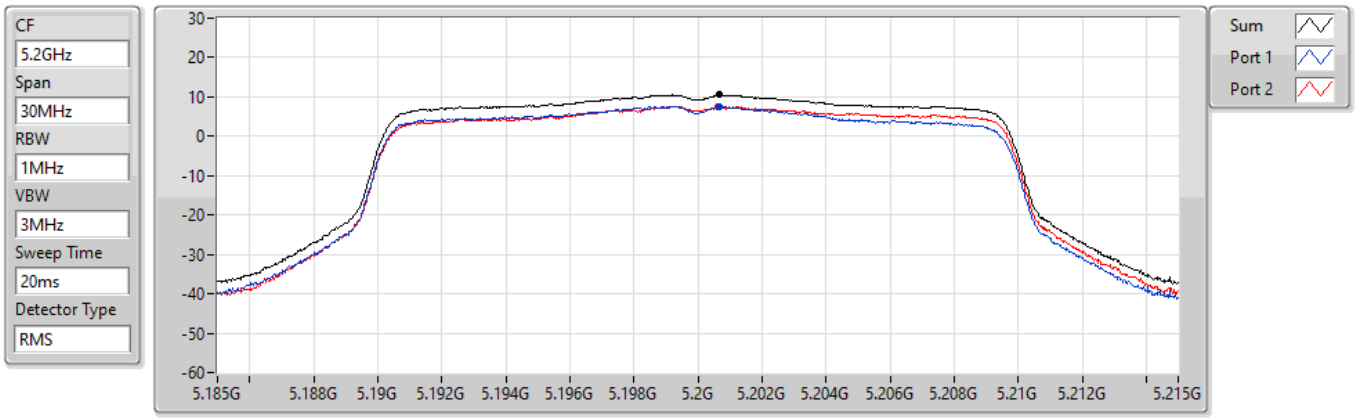
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	6.85	7.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

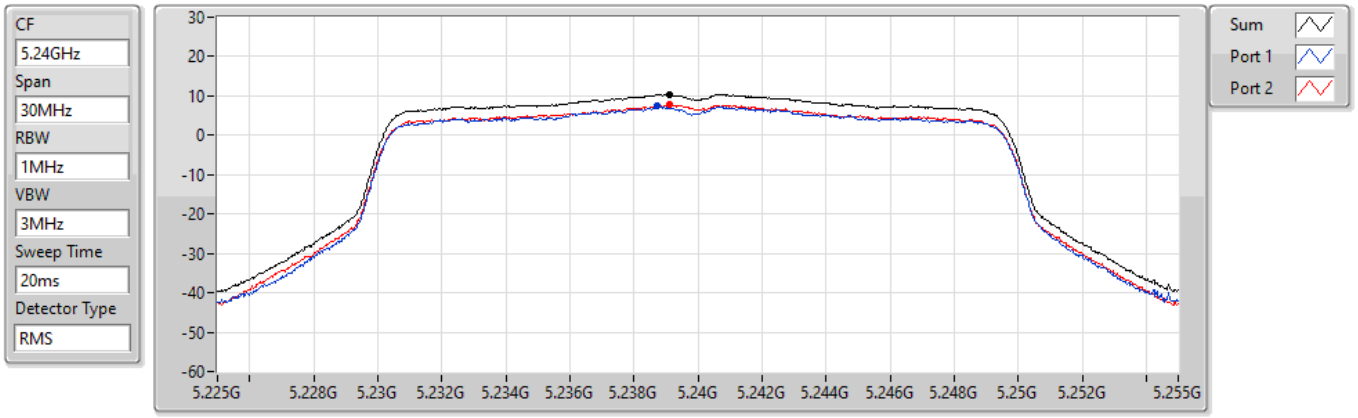
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	7.54	7.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

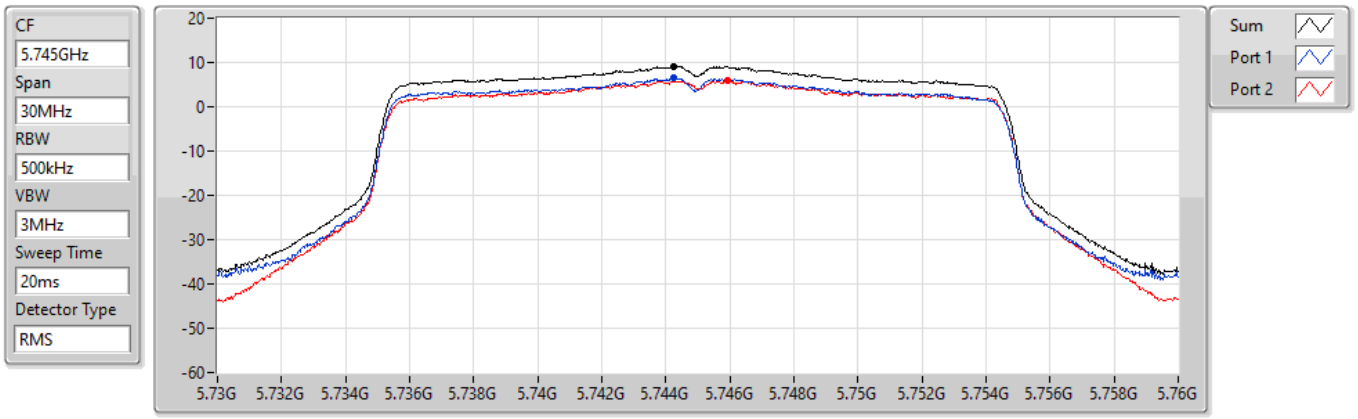
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.34	10.34	7.33	7.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5745MHz



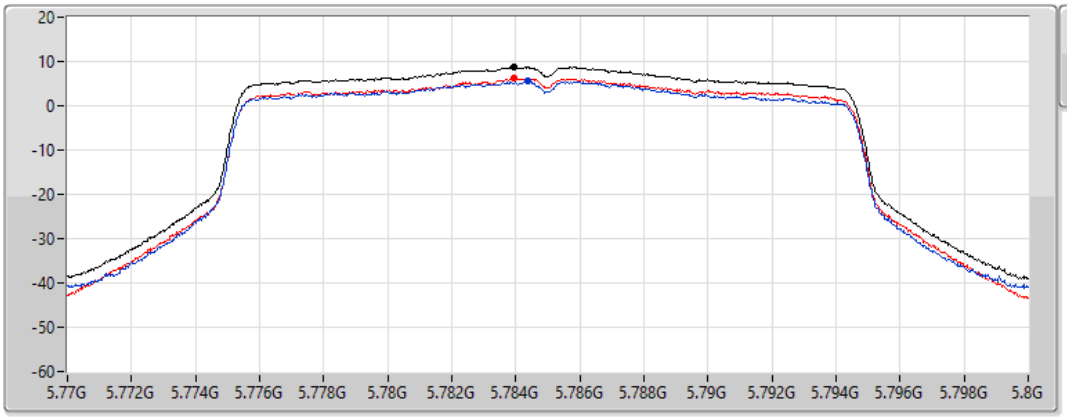
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.12	9.12	6.59	5.80

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5785MHz

29/04/2022

CF	5.785GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



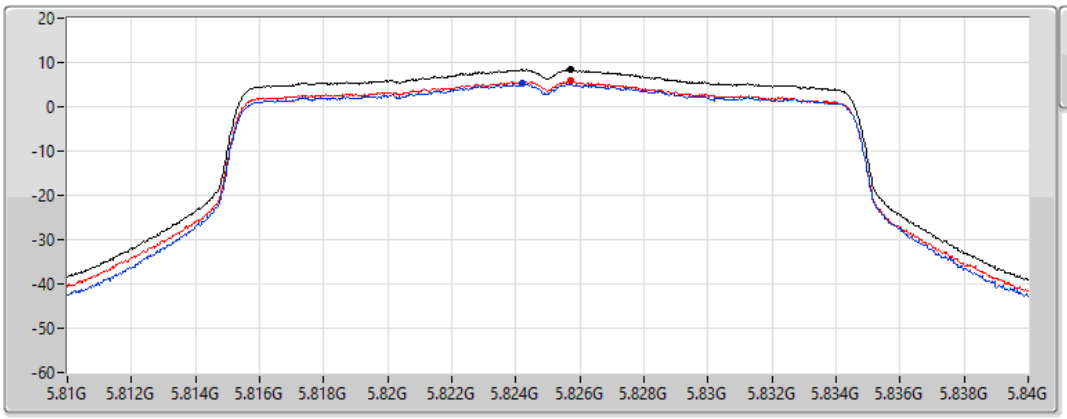
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	5.48	6.10

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5825MHz

29/04/2022

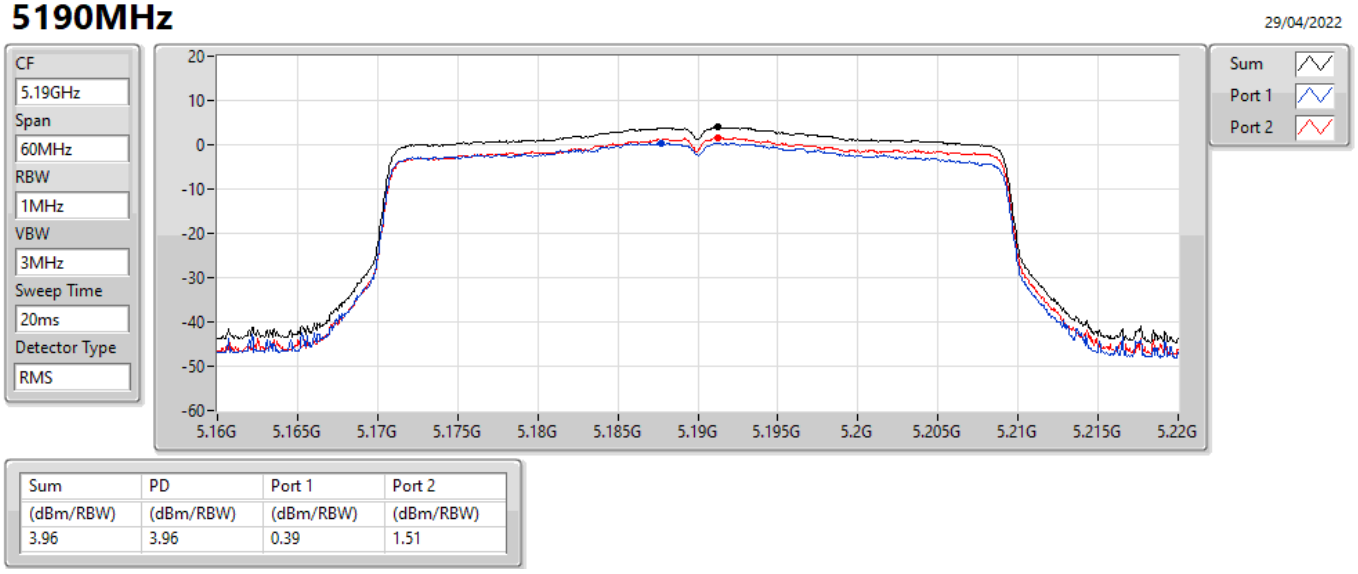
CF	5.825GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	5.18	5.79

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

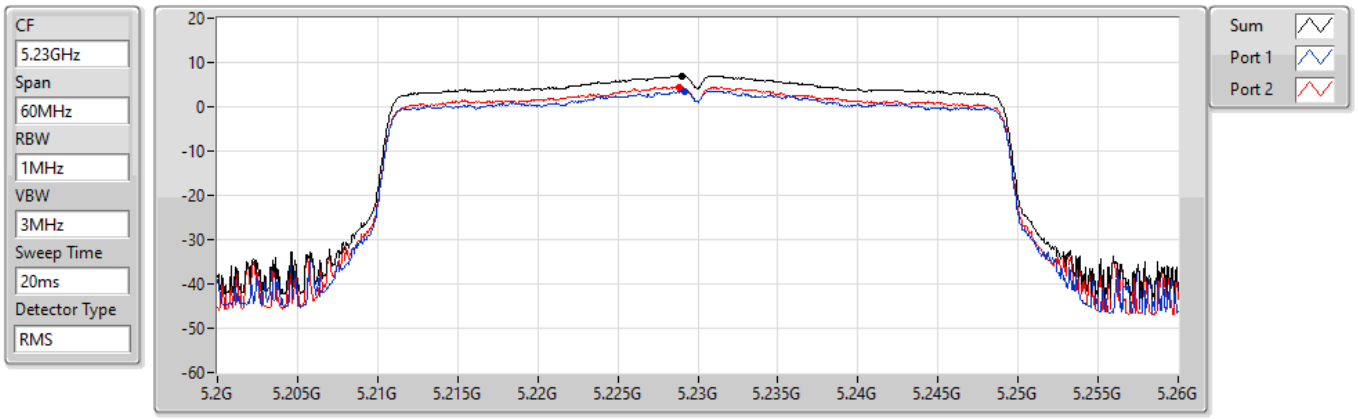
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.96	3.96	0.39	1.51

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

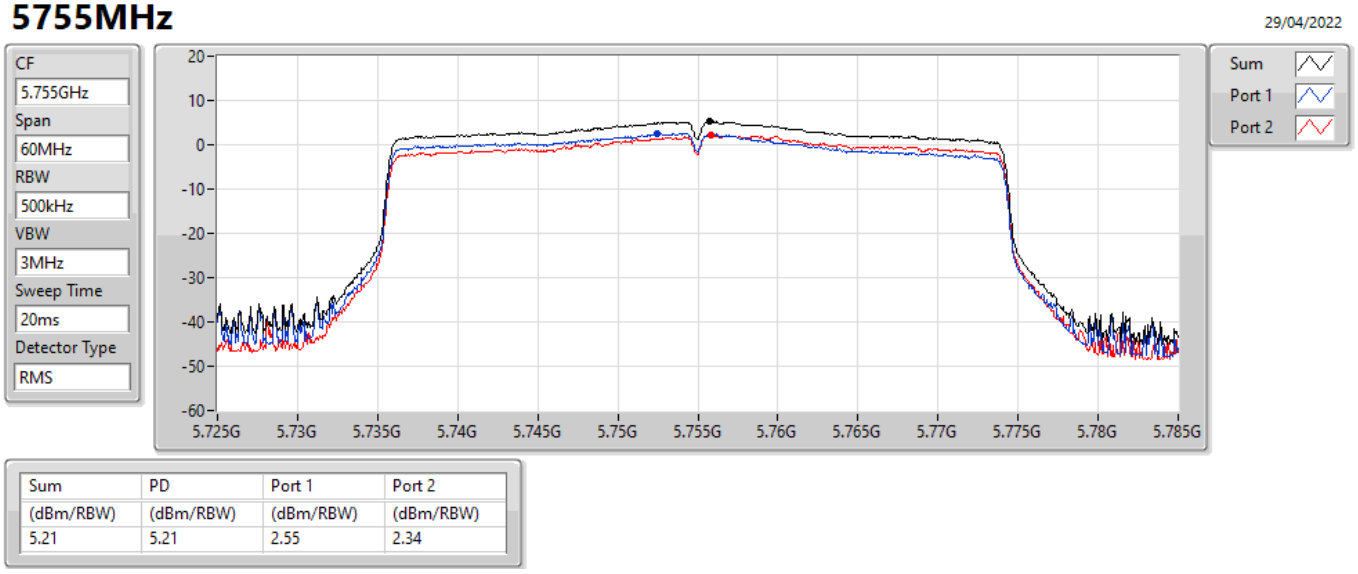
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.98	6.98	3.58	4.47

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

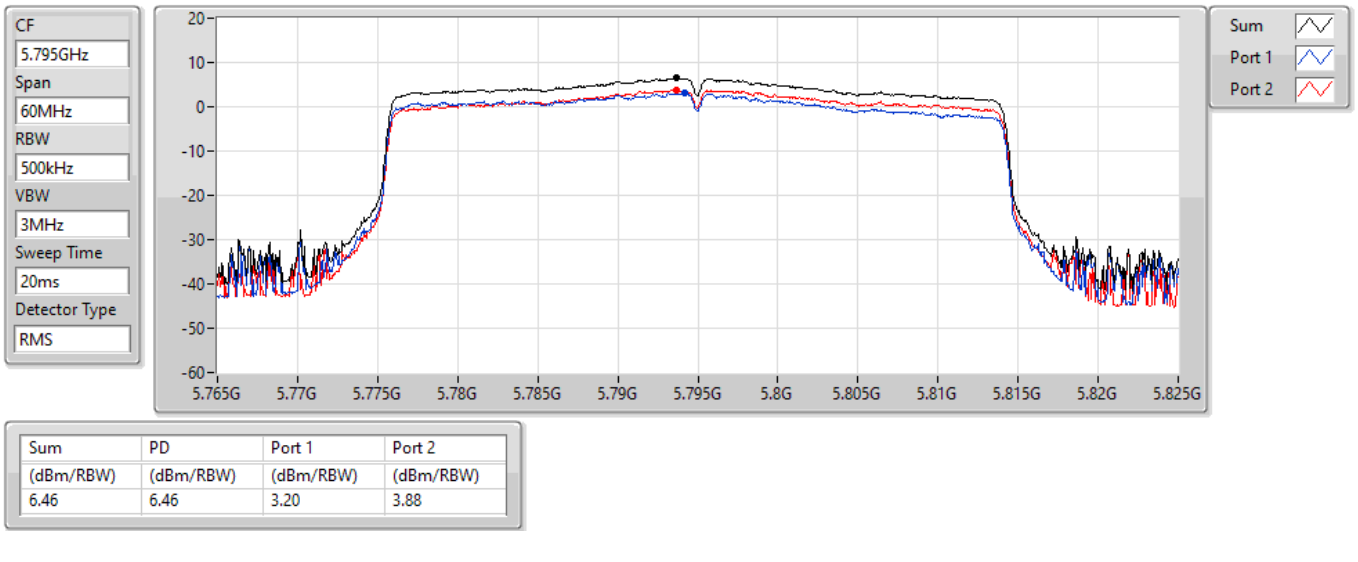
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.21	5.21	2.55	2.34

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

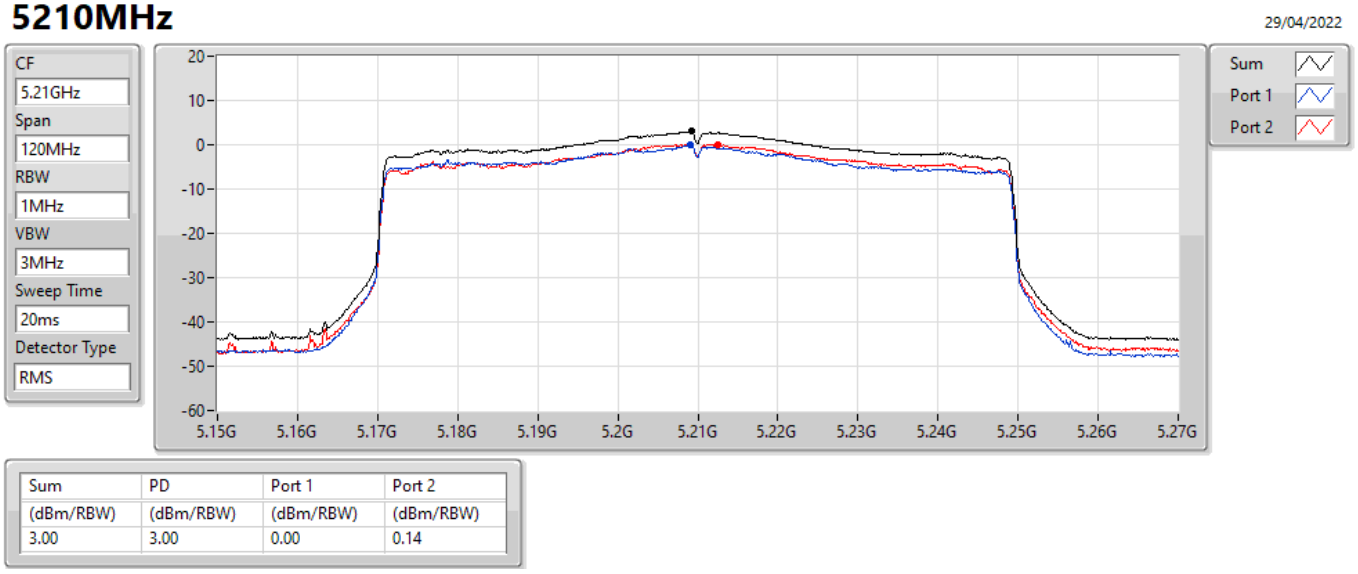
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.46	6.46	3.20	3.88

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

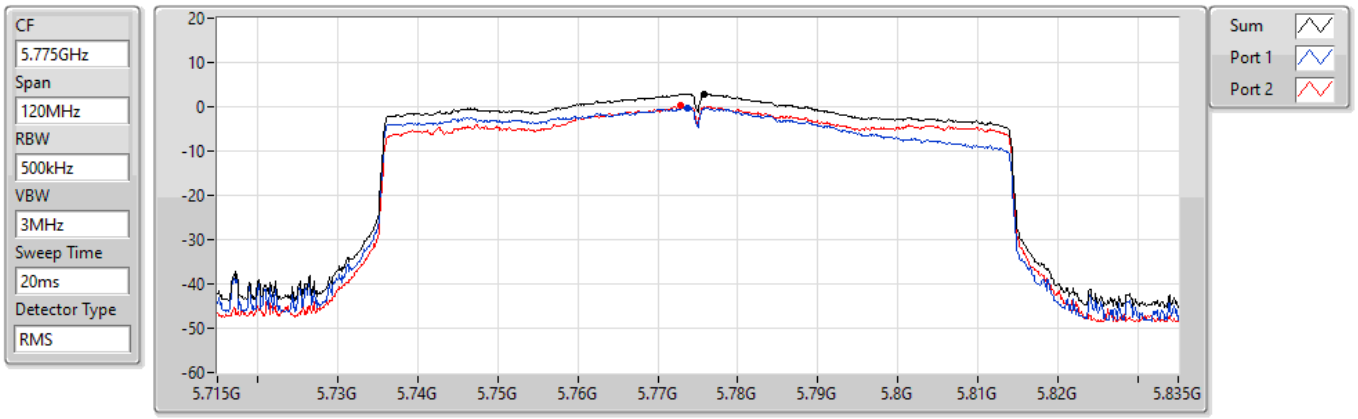
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	0.00	0.14

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5775MHz



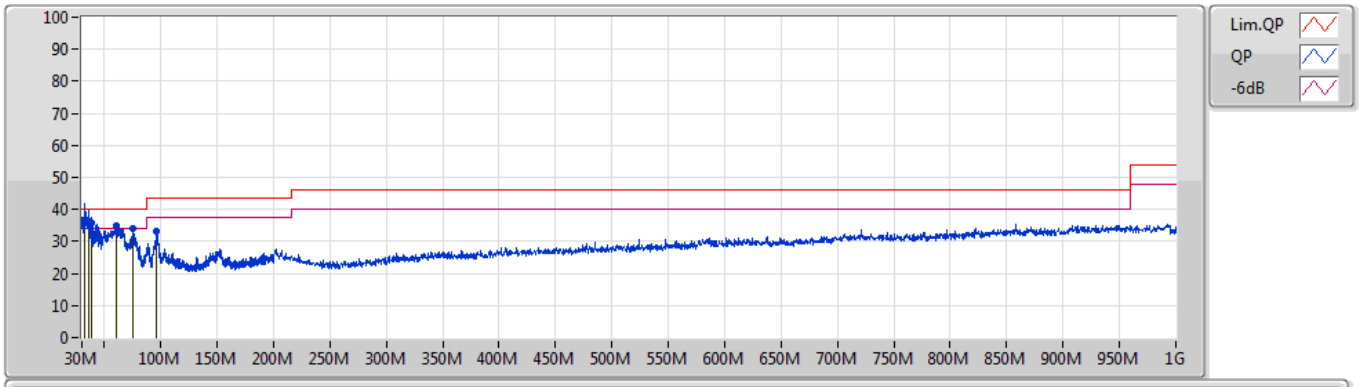
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.87	2.87	-0.16	0.16

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	32.81M	36.83	40.00	-3.17	Vertical

Mode 3

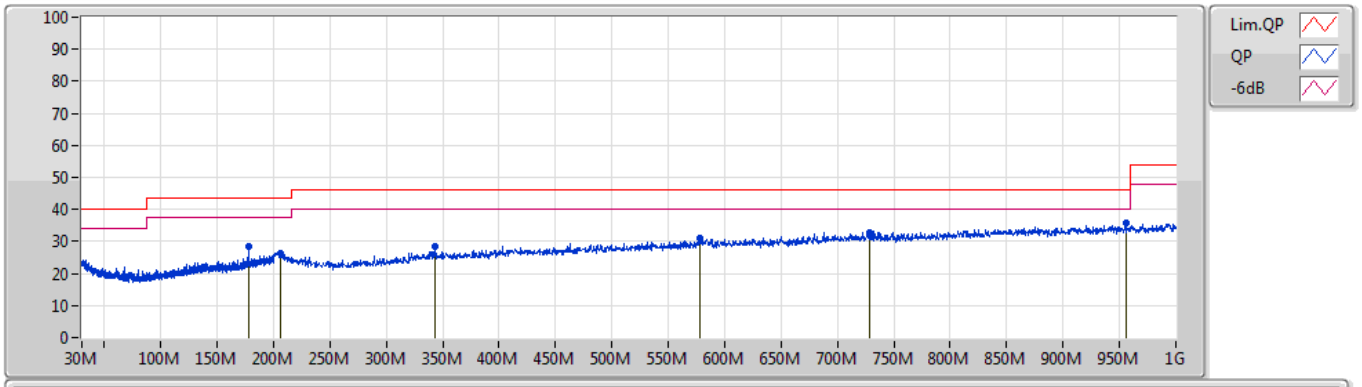
03/05/2022



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
QP	32.81M	36.83	40.00	-3.17	-13.87	3	Vertical	326	1.00	"Worst"	50.70	13.34	0.69	27.90
QP	35.87M	36.10	40.00	-3.90	-14.50	3	Vertical	1	1.00	-	50.60	12.70	0.73	27.93
QP	38.25M	35.63	40.00	-4.37	-15.07	3	Vertical	206	1.00	-	50.70	12.15	0.75	27.97
PK	60.52M	34.71	40.00	-5.29	-17.18	3	Vertical	298	2.00	-	51.89	9.64	0.96	27.78
PK	75.48M	33.98	40.00	-6.02	-17.57	3	Vertical	320	1.00	-	51.55	9.15	1.07	27.79
PK	96.64M	33.23	43.50	-10.27	-17.16	3	Vertical	164	3.00	-	50.39	9.44	1.22	27.82

Mode 3

03/05/2022



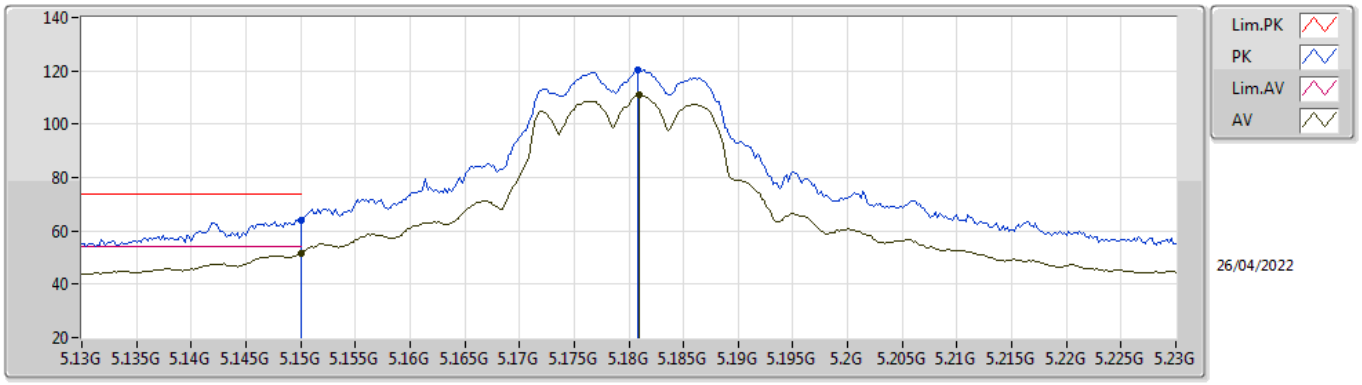
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	177.99M	28.46	43.50	-15.04	-12.71	3	Horizontal	40	1.00	-	41.17	13.00	1.68	27.39
PK	206M	26.49	43.50	-17.01	-9.19	3	Horizontal	161	1.00	-	35.68	15.54	1.82	26.55
PK	342.8M	28.47	46.00	-17.53	-9.16	3	Horizontal	265	1.00	-	37.63	15.25	2.41	26.82
PK	578.4M	30.83	46.00	-15.17	-5.58	3	Horizontal	24	2.00	-	36.41	19.10	3.19	27.87
PK	728.4M	32.86	46.00	-13.14	-3.31	3	Horizontal	68	1.00	-	36.17	20.69	3.62	27.62
PK	956M	35.62	46.00	-10.38	-0.04	3	Horizontal	247	3.00	"Worst"	35.66	22.10	4.20	26.34

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.1496G	73.50	74.00	-0.50	3	Vertical	113.8	1.32	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

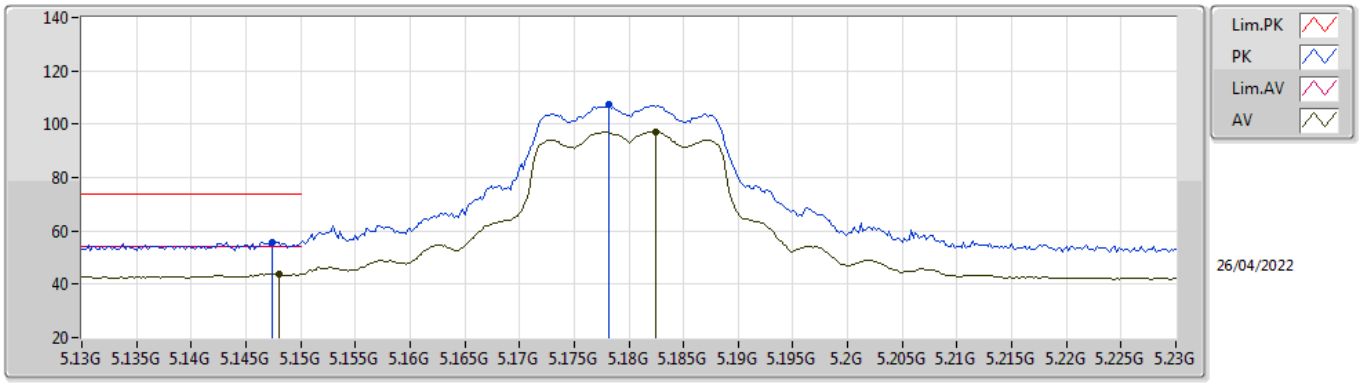


EUT Z_2TX
Setting 24.5
02-B-R-5-10

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	64.00	74.00	-10.00	59.00	3	Vertical	175	2.20	-	31.90	5.25	32.15
AV	5.15G	51.61	54.00	-2.39	46.61	3	Vertical	175	2.20	-	31.90	5.25	32.15
PK	5.1808G	120.42	Inf	-Inf	115.51	3	Vertical	175	2.20	-	31.78	5.28	32.15
AV	5.181G	110.79	Inf	-Inf	105.88	3	Vertical	175	2.20	-	31.78	5.28	32.15

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

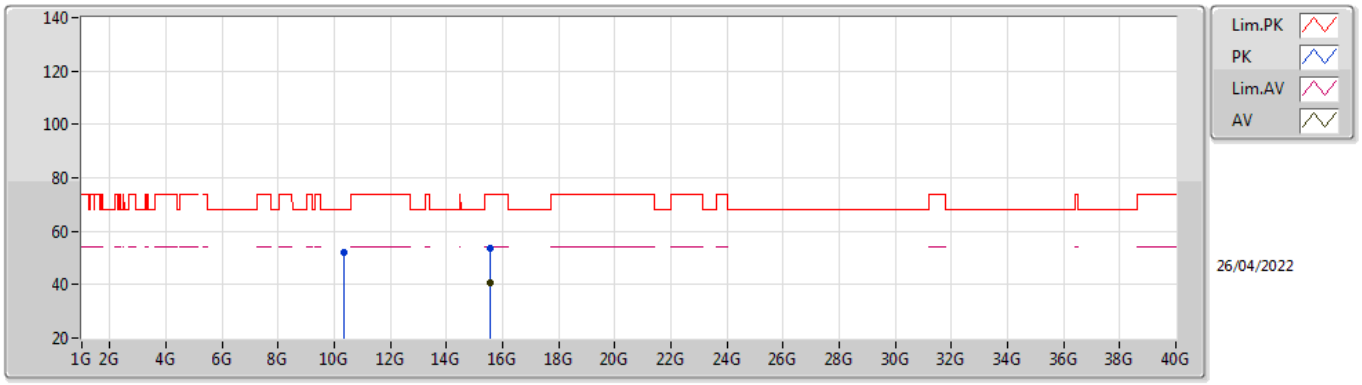


EUT Z_2TX
Setting 24.5
02-B-R-5-10

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	5.1474G	55.75	74.00	-18.25	50.74	3	Horizontal	235	2.16	-	31.91	5.25	32.15
AV	5.148G	43.91	54.00	-10.09	38.91	3	Horizontal	235	2.16	-	31.90	5.25	32.15
PK	5.1782G	107.18	Inf	-Inf	102.26	3	Horizontal	235	2.16	-	31.79	5.28	32.15
AV	5.1824G	97.22	Inf	-Inf	92.32	3	Horizontal	235	2.16	-	31.77	5.28	32.15

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

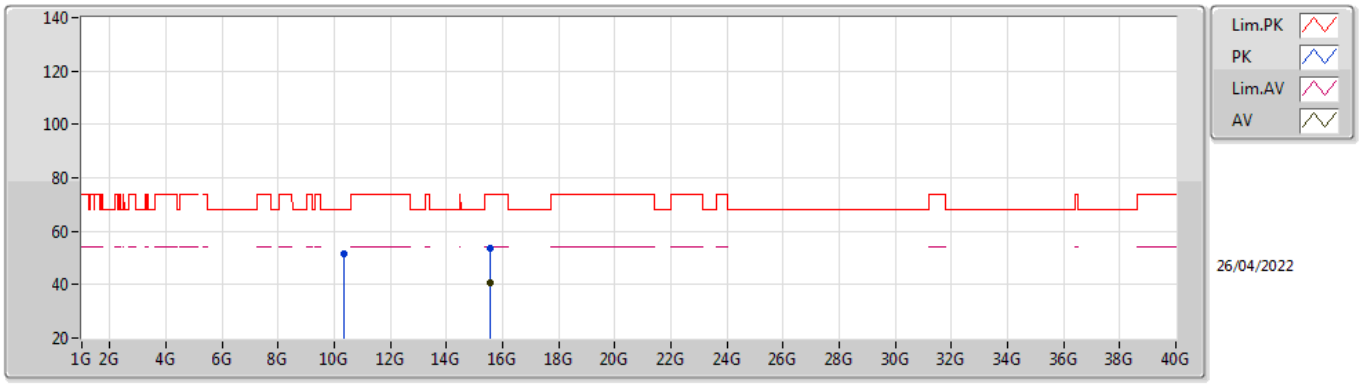


EUT Z_2TX
Setting 24.5
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36208G	51.85	68.20	-16.35	37.92	3	Vertical	267	1.49	-	39.45	7.44	32.96
PK	15.5395G	53.47	74.00	-20.53	38.40	3	Vertical	1	1.47	-	38.48	9.79	33.20
AV	15.54252G	40.66	54.00	-13.34	25.60	3	Vertical	1	1.47	-	38.47	9.79	33.20

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

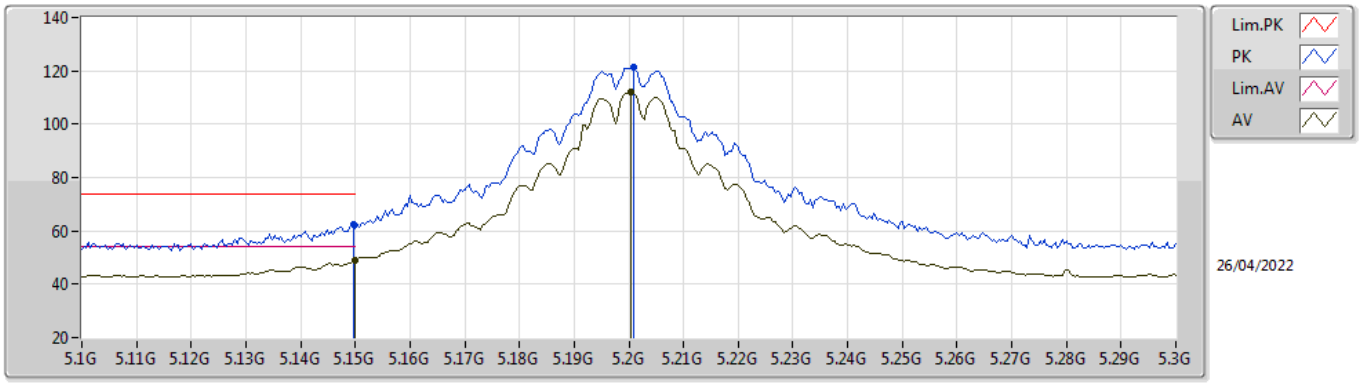


EUT Z_2TX
Setting 24.5
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35898G	51.65	68.20	-16.55	37.73	3	Horizontal	295	1.60	-	39.44	7.44	32.96
PK	15.53918G	53.73	74.00	-20.27	38.66	3	Horizontal	189	1.62	-	38.48	9.79	33.20
AV	15.5418G	40.74	54.00	-13.26	25.68	3	Horizontal	189	1.62	-	38.47	9.79	33.20

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

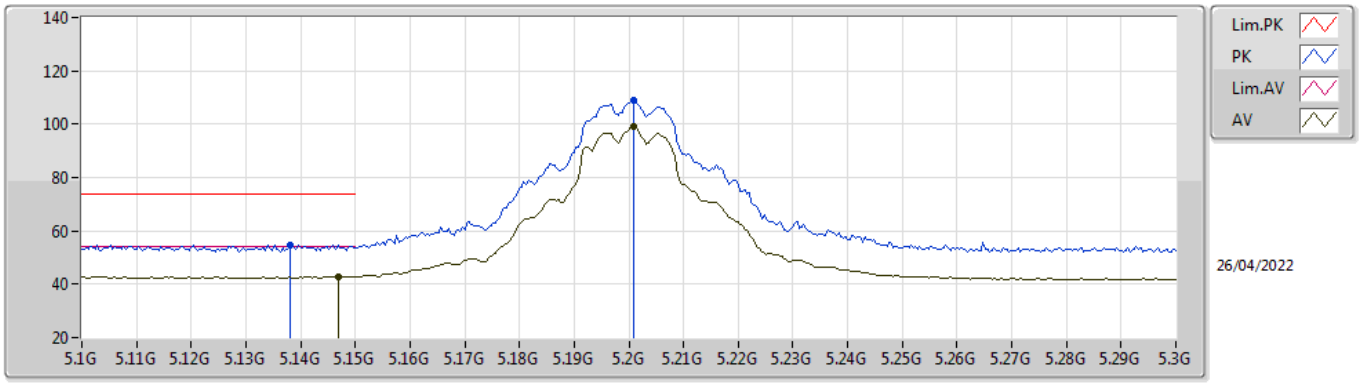


EUT Z_2TX
Setting 27
02-B-R-5-10

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	62.46	74.00	-11.54	57.46	3	Vertical	178	2.30	-	31.90	5.25	32.15
AV	5.15G	49.22	54.00	-4.78	44.22	3	Vertical	178	2.30	-	31.90	5.25	32.15
PK	5.2008G	121.61	Inf	-Inf	116.76	3	Vertical	178	2.30	-	31.70	5.30	32.15
AV	5.2004G	111.86	Inf	-Inf	107.01	3	Vertical	178	2.30	-	31.70	5.30	32.15

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

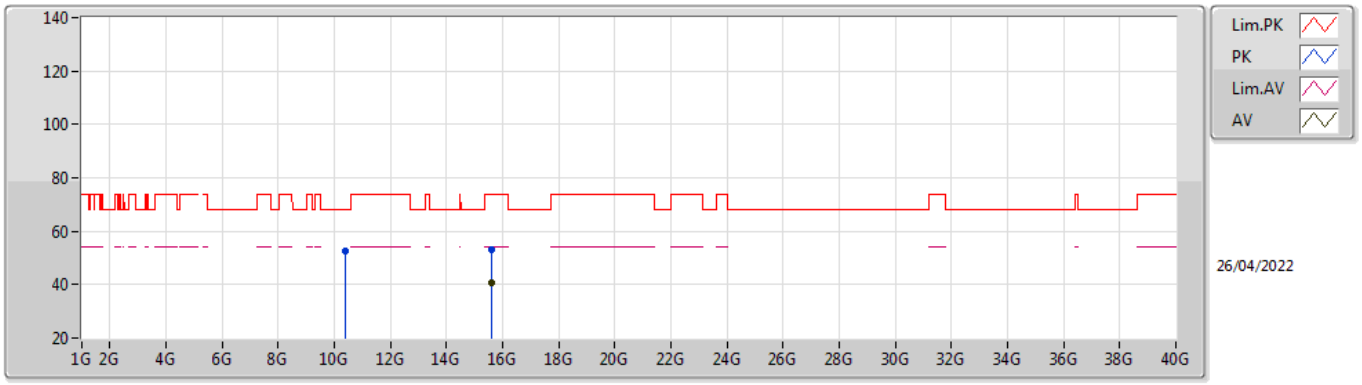


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.138G	54.89	74.00	-19.11	49.88	3	Horizontal	338	1.95	-	31.92	5.24	32.15
AV	5.1468G	42.91	54.00	-11.09	37.90	3	Horizontal	338	1.95	-	31.91	5.25	32.15
PK	5.2008G	108.98	Inf	-Inf	104.13	3	Horizontal	338	1.95	-	31.70	5.30	32.15
AV	5.2008G	99.18	Inf	-Inf	94.33	3	Horizontal	338	1.95	-	31.70	5.30	32.15

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

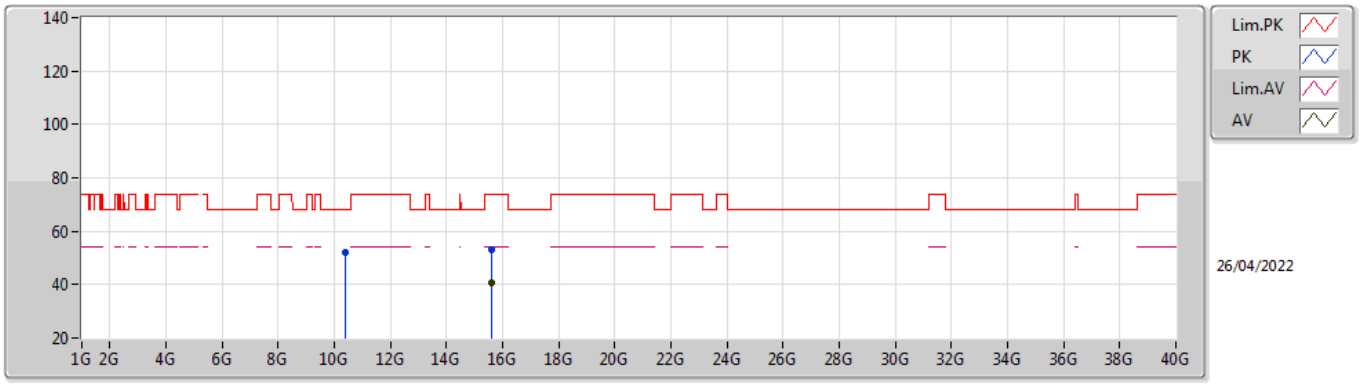


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40044G	52.84	68.20	-15.36	38.76	3	Vertical	134	2.51	-	39.60	7.46	32.98
PK	15.59506G	53.36	74.00	-20.64	38.49	3	Vertical	21	2.22	-	38.31	9.82	33.26
AV	15.59852G	40.51	54.00	-13.49	25.66	3	Vertical	21	2.22	-	38.30	9.82	33.27

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

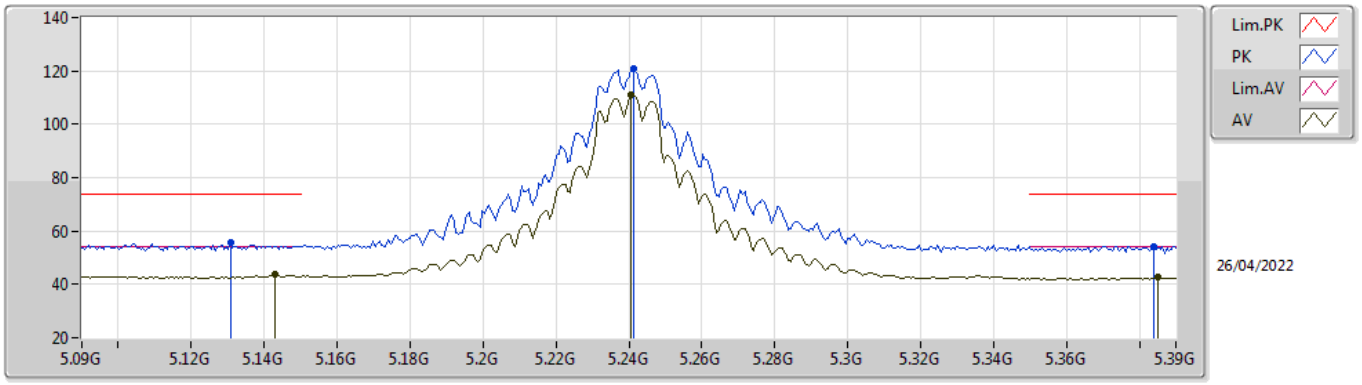


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.401G	52.28	68.20	-15.92	38.20	3	Horizontal	76	2.04	-	39.60	7.46	32.98
PK	15.59784G	53.36	74.00	-20.64	38.50	3	Horizontal	13	1.77	-	38.31	9.82	33.27
AV	15.60158G	40.64	54.00	-13.36	25.80	3	Horizontal	13	1.77	-	38.29	9.82	33.27

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

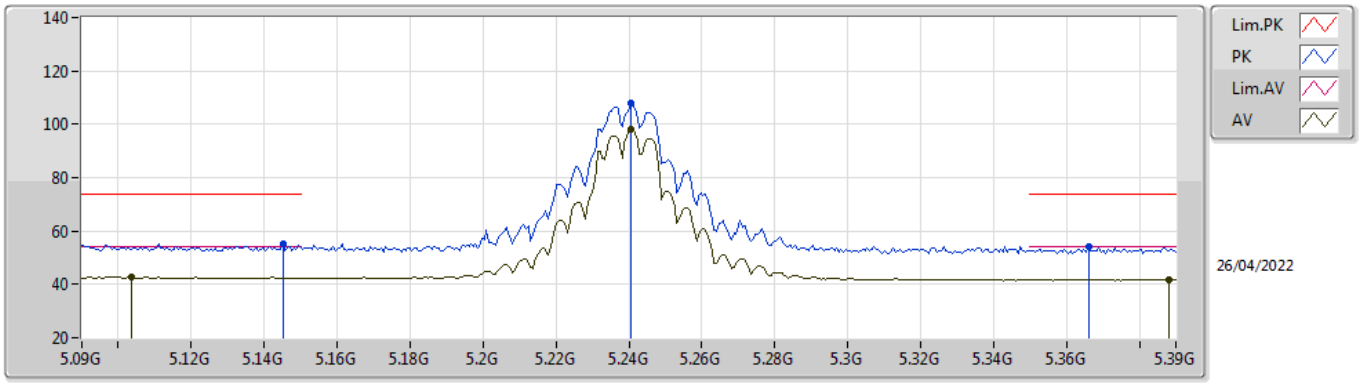


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.1308G	55.76	74.00	-18.24	50.74	3	Vertical	175	2.37	-	31.94	5.23	32.15
AV	5.1428G	43.92	54.00	-10.08	38.92	3	Vertical	175	2.37	-	31.91	5.24	32.15
PK	5.2412G	120.75	Inf	-Inf	116.13	3	Vertical	175	2.37	-	31.45	5.32	32.15
AV	5.2406G	111.28	Inf	-Inf	106.65	3	Vertical	175	2.37	-	31.46	5.32	32.15
PK	5.384G	54.30	74.00	-19.70	49.55	3	Vertical	175	2.37	-	31.50	5.39	32.14
AV	5.3852G	42.54	54.00	-11.46	37.78	3	Vertical	175	2.37	-	31.51	5.39	32.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

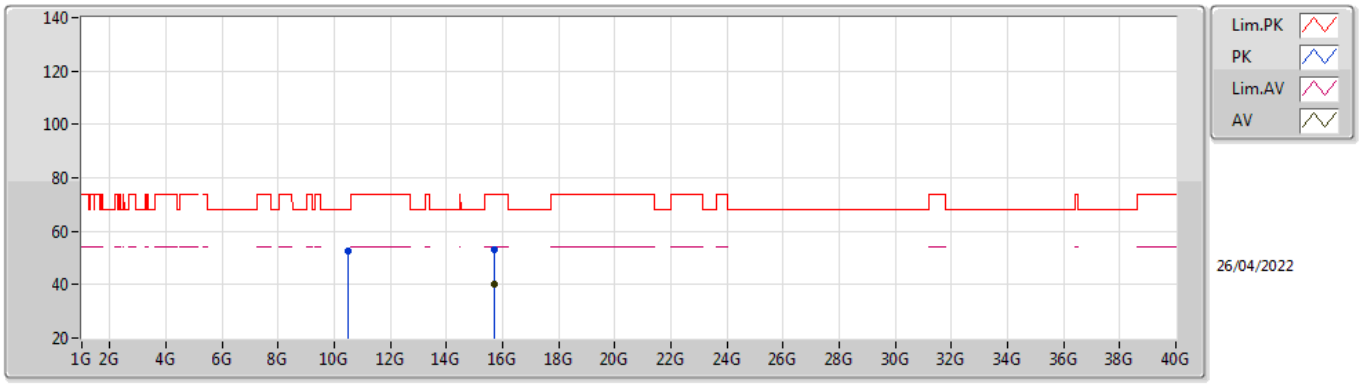


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.1452G	55.33	74.00	-18.67	50.32	3	Horizontal	31	1.02	-	31.91	5.25	32.15
AV	5.1038G	42.67	54.00	-11.33	37.63	3	Horizontal	31	1.02	-	31.99	5.20	32.15
PK	5.2406G	107.80	Inf	-Inf	103.17	3	Horizontal	31	1.02	-	31.46	5.32	32.15
AV	5.2406G	98.27	Inf	-Inf	93.64	3	Horizontal	31	1.02	-	31.46	5.32	32.15
PK	5.366G	53.88	74.00	-20.12	49.24	3	Horizontal	31	1.02	-	31.40	5.38	32.14
AV	5.3882G	41.86	54.00	-12.14	37.08	3	Horizontal	31	1.02	-	31.53	5.39	32.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

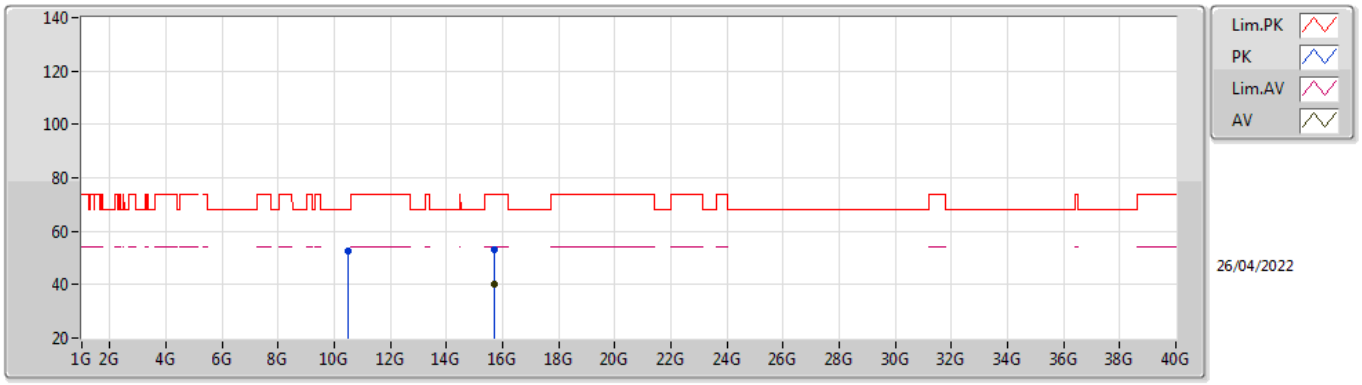


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4826G	52.62	68.20	-15.58	38.57	3	Vertical	119	2.75	-	39.60	7.49	33.04
PK	15.71788G	52.97	74.00	-21.03	38.63	3	Vertical	291	2.77	-	37.88	9.87	33.41
AV	15.719G	39.97	54.00	-14.03	25.63	3	Vertical	291	2.77	-	37.88	9.87	33.41

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

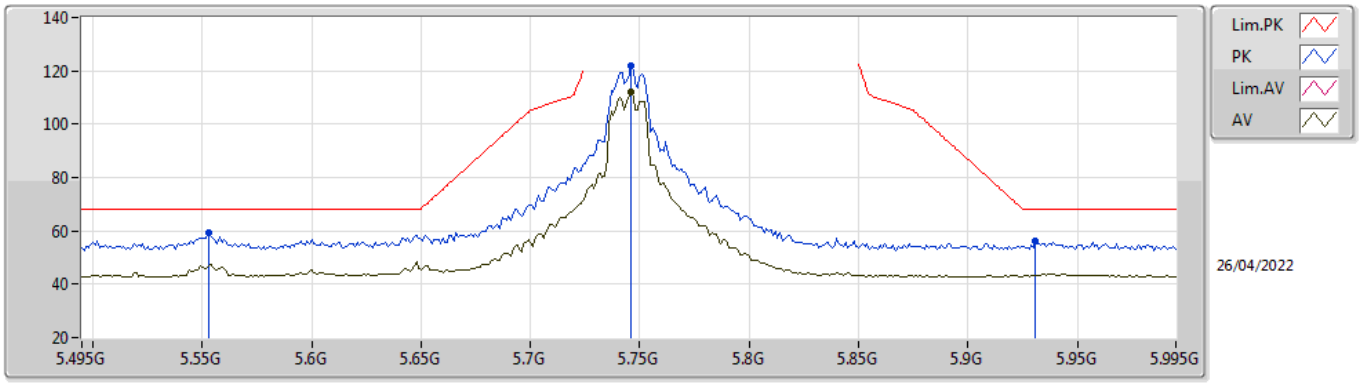


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48068G	52.51	68.20	-15.69	38.46	3	Horizontal	160	2.60	-	39.60	7.49	33.04
PK	15.72462G	53.01	74.00	-20.99	38.67	3	Horizontal	347	1.24	-	37.88	9.88	33.42
AV	15.72498G	40.04	54.00	-13.96	25.70	3	Horizontal	347	1.24	-	37.88	9.88	33.42

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

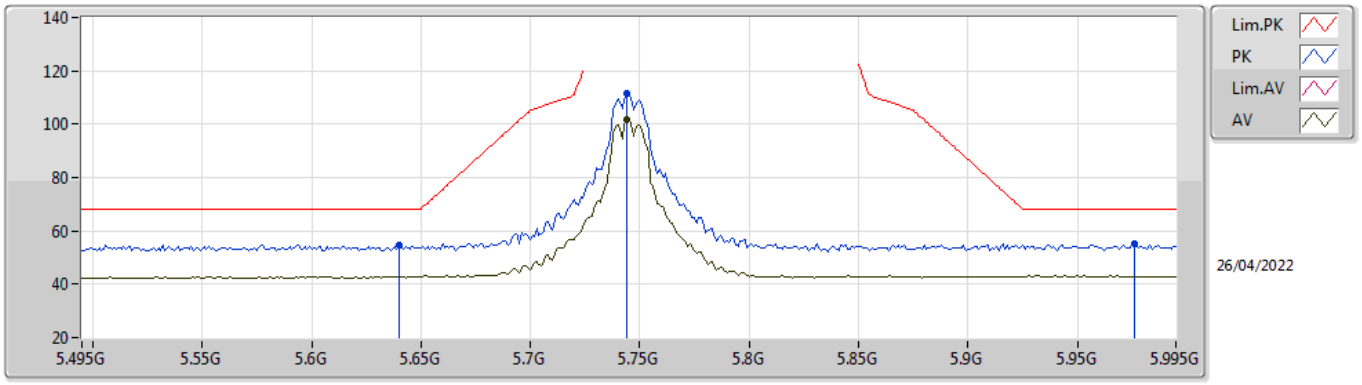


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.553G	59.11	68.20	-9.09	53.88	3	Vertical	163	1.32	-	31.81	5.55	32.13
PK	5.746G	121.75	Inf	-Inf	116.30	3	Vertical	163	1.32	-	31.99	5.60	32.14
AV	5.746G	112.07	Inf	-Inf	106.62	3	Vertical	163	1.32	-	31.99	5.60	32.14
PK	5.931G	55.99	68.20	-12.21	50.20	3	Vertical	163	1.32	-	32.22	5.73	32.16

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

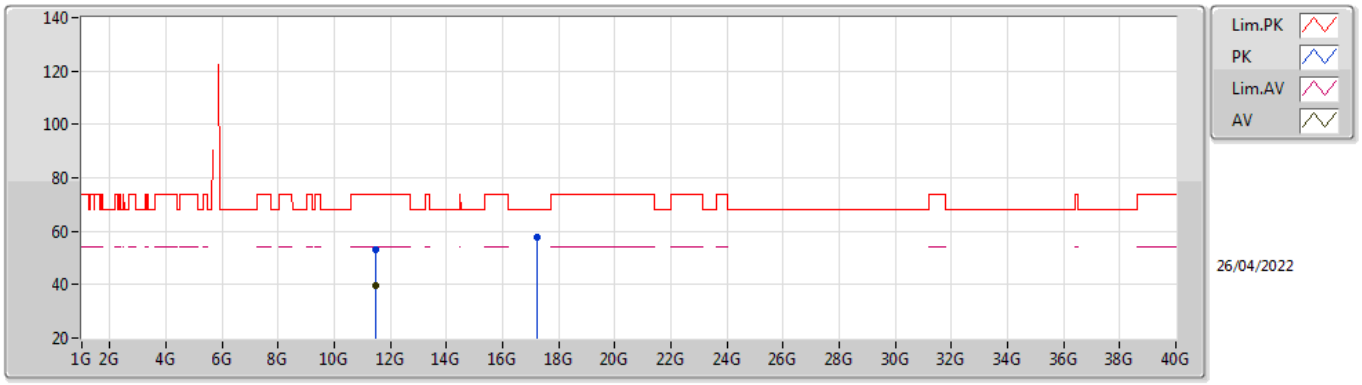


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.64G	54.72	68.20	-13.48	49.44	3	Horizontal	239	2.25	-	31.82	5.60	32.14
PK	5.744G	111.52	Inf	-Inf	106.07	3	Horizontal	239	2.25	-	31.99	5.60	32.14
AV	5.744G	101.94	Inf	-Inf	96.49	3	Horizontal	239	2.25	-	31.99	5.60	32.14
PK	5.976G	55.39	68.20	-12.81	49.52	3	Horizontal	239	2.25	-	32.25	5.78	32.16

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

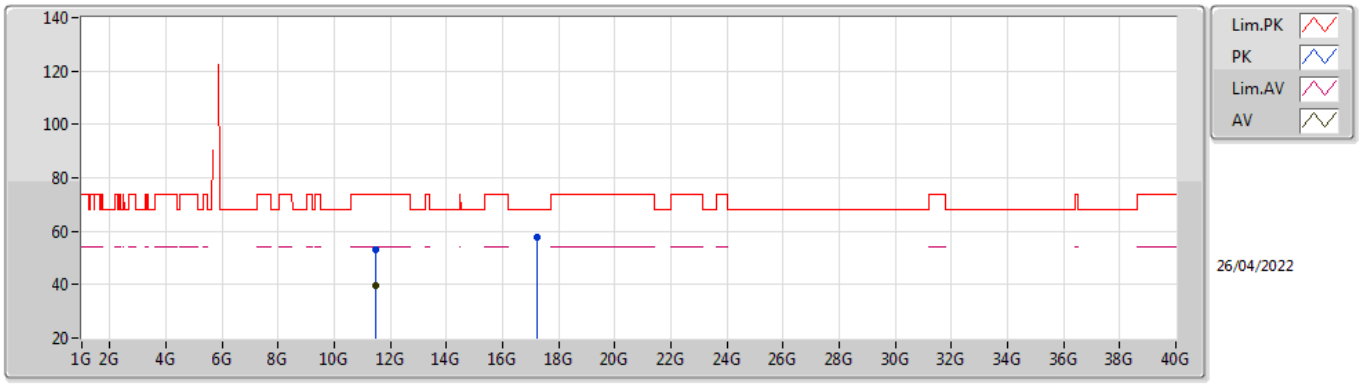


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4899G	53.13	74.00	-20.87	38.25	3	Vertical	170	2.19	-	40.20	7.90	33.22
AV	11.48812G	39.47	54.00	-14.53	24.59	3	Vertical	170	2.19	-	40.20	7.90	33.22
PK	17.2318G	57.73	68.20	-10.47	38.73	3	Vertical	273	1.02	-	41.66	10.62	33.28

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

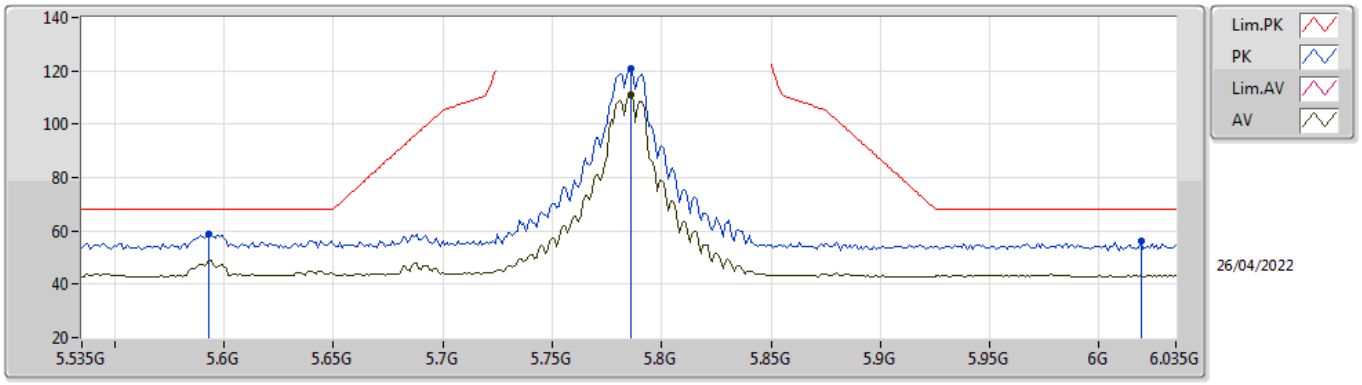


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49194G	52.87	74.00	-21.13	37.99	3	Horizontal	248	2.36	-	40.20	7.90	33.22
AV	11.4886G	39.40	54.00	-14.60	24.52	3	Horizontal	248	2.36	-	40.20	7.90	33.22
PK	17.23776G	57.77	68.20	-10.43	38.73	3	Horizontal	324	2.30	-	41.69	10.62	33.27

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

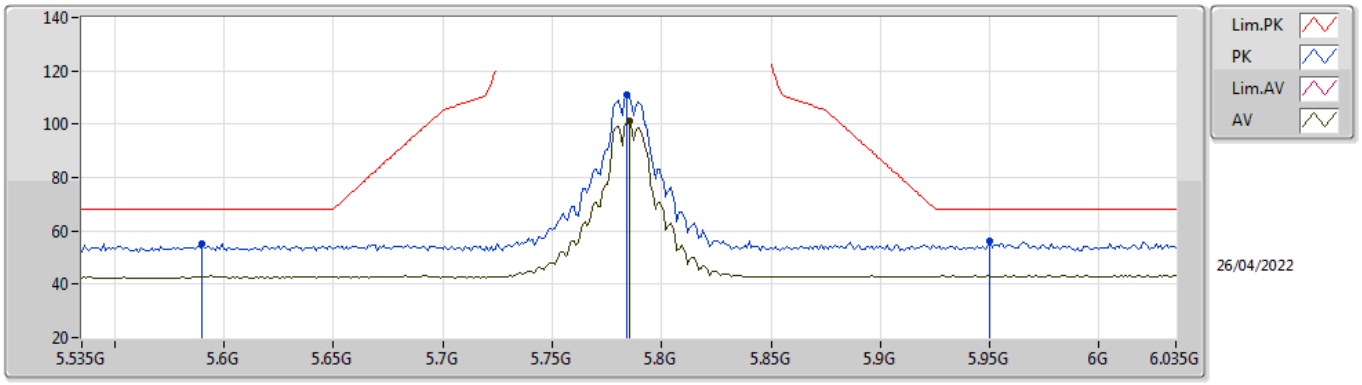


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.593G	58.66	68.20	-9.54	53.32	3	Vertical	176	1.37	-	31.89	5.59	32.14
PK	5.786G	120.63	Inf	-Inf	115.18	3	Vertical	176	1.37	-	32.00	5.60	32.15
AV	5.786G	111.20	Inf	-Inf	105.75	3	Vertical	176	1.37	-	32.00	5.60	32.15
PK	6.019G	56.09	68.20	-12.11	50.14	3	Vertical	176	1.37	-	32.31	5.80	32.16

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

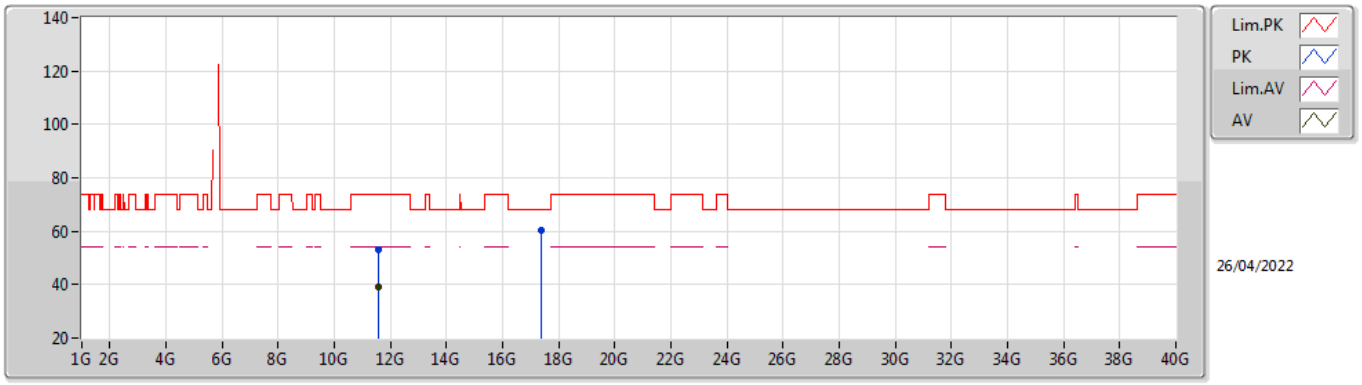


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.59G	55.29	68.20	-12.91	49.96	3	Horizontal	237	2.20	-	31.88	5.59	32.14
PK	5.784G	110.81	Inf	-Inf	105.36	3	Horizontal	237	2.20	-	32.00	5.60	32.15
AV	5.785G	101.21	Inf	-Inf	95.76	3	Horizontal	237	2.20	-	32.00	5.60	32.15
PK	5.95G	56.04	68.20	-12.16	50.15	3	Horizontal	237	2.20	-	32.30	5.75	32.16

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

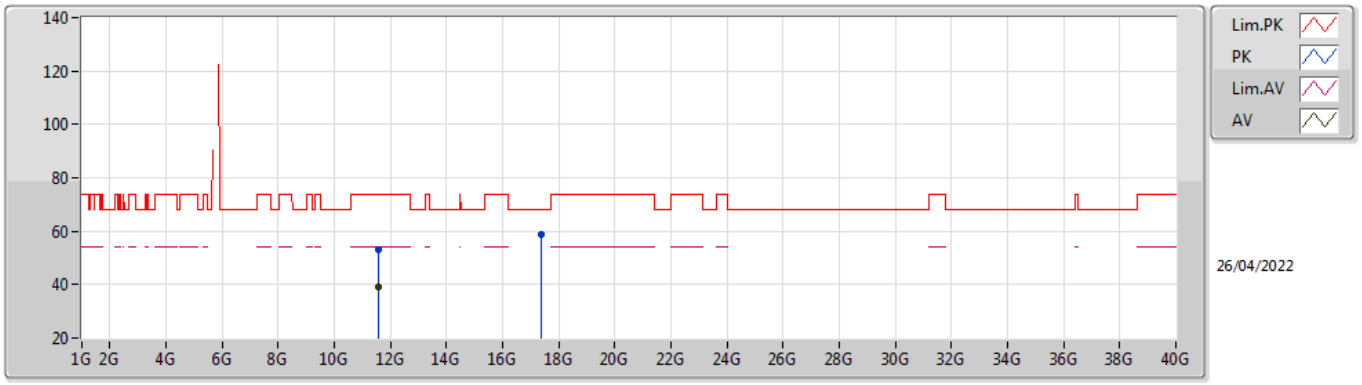


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57126G	52.96	74.00	-21.04	38.21	3	Vertical	32	2.93	-	40.06	7.93	33.24
AV	11.57298G	39.31	54.00	-14.69	24.57	3	Vertical	32	2.93	-	40.05	7.93	33.24
PK	17.35376G	60.11	68.20	-8.09	40.03	3	Vertical	245	1.35	-	42.54	10.68	33.14

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

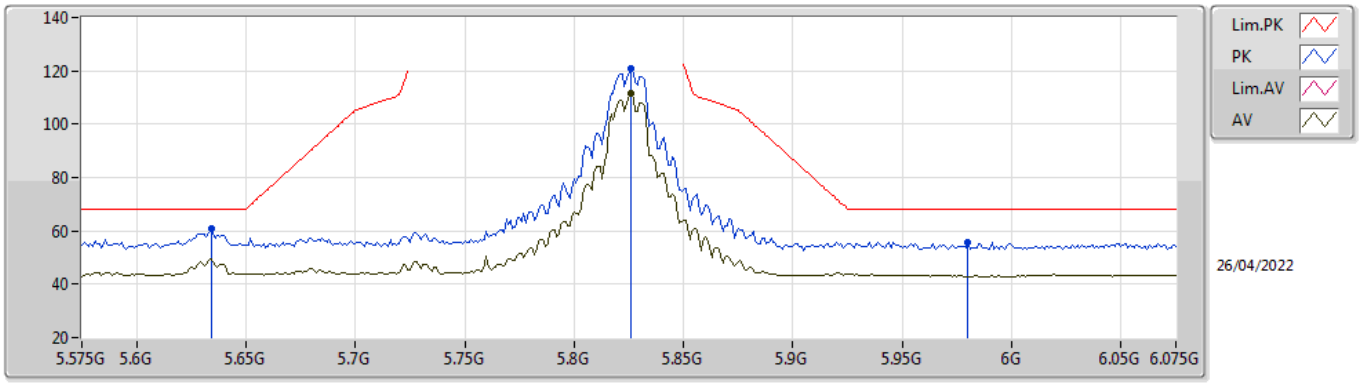


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56998G	52.95	74.00	-21.05	38.20	3	Horizontal	342	1.93	-	40.06	7.93	33.24
AV	11.57302G	39.37	54.00	-14.63	24.63	3	Horizontal	342	1.93	-	40.05	7.93	33.24
PK	17.3565G	58.76	68.20	-9.44	38.65	3	Horizontal	308	1.94	-	42.56	10.68	33.13

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

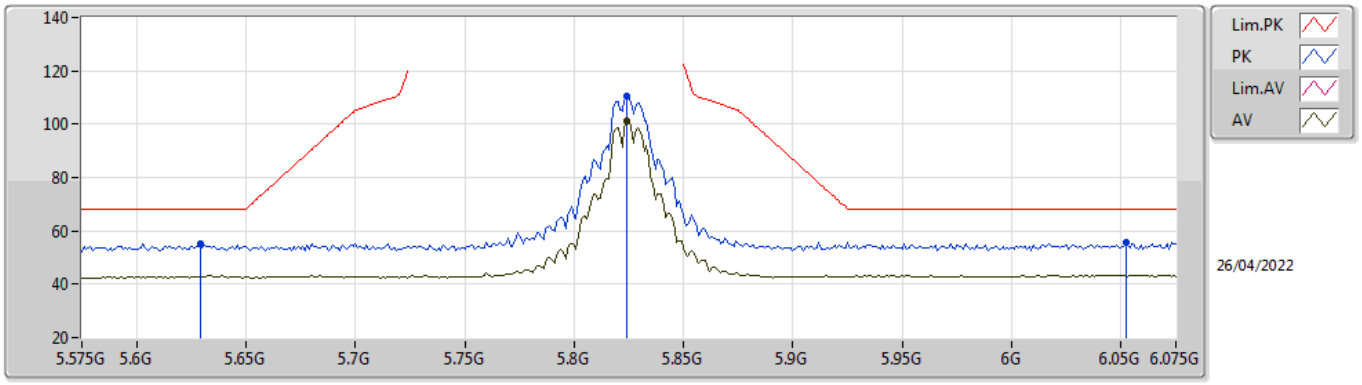


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.634G	60.75	68.20	-7.45	55.46	3	Vertical	175	1.42	-	31.83	5.60	32.14
PK	5.826G	120.93	Inf	-Inf	115.40	3	Vertical	175	1.42	-	32.05	5.63	32.15
AV	5.826G	111.37	Inf	-Inf	105.84	3	Vertical	175	1.42	-	32.05	5.63	32.15
PK	5.98G	55.80	68.20	-12.40	49.94	3	Vertical	175	1.42	-	32.24	5.78	32.16

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

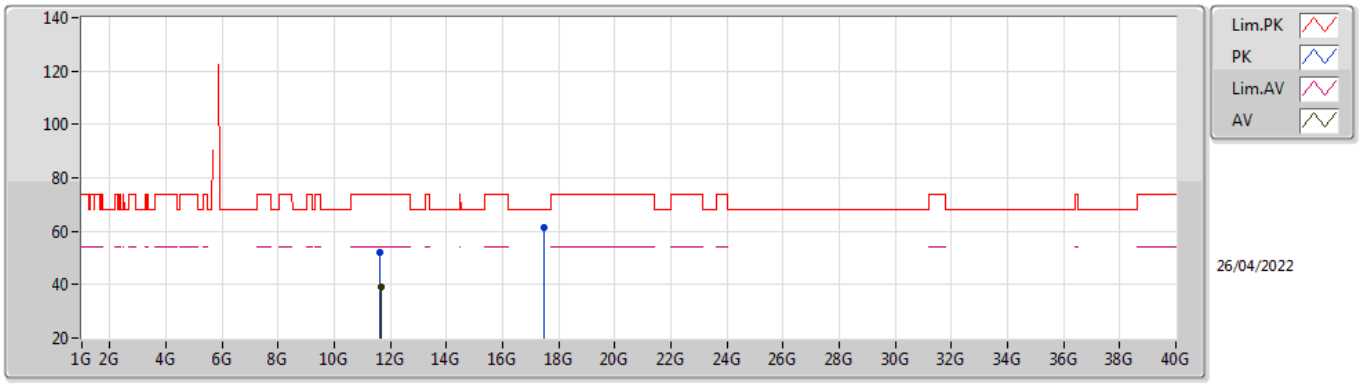


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.629G	55.28	68.20	-12.92	49.98	3	Horizontal	237	2.15	-	31.84	5.60	32.14
PK	5.824G	110.32	Inf	-Inf	104.80	3	Horizontal	237	2.15	-	32.05	5.62	32.15
AV	5.824G	101.19	Inf	-Inf	95.67	3	Horizontal	237	2.15	-	32.05	5.62	32.15
PK	6.052G	55.62	68.20	-12.58	49.48	3	Horizontal	237	2.15	-	32.50	5.80	32.16

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

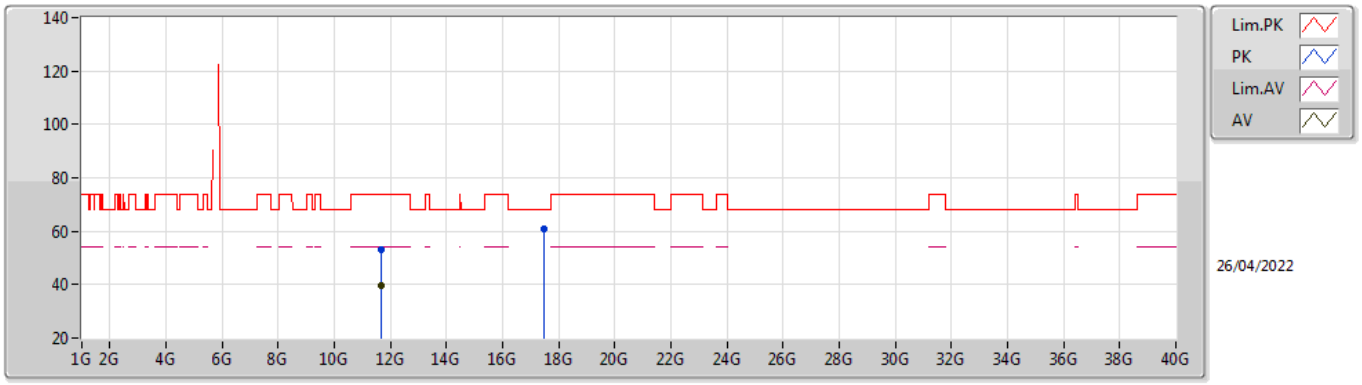


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64604G	52.27	74.00	-21.73	37.80	3	Vertical	266	1.80	-	39.77	7.96	33.26
AV	11.65282G	39.17	54.00	-14.83	24.73	3	Vertical	266	1.80	-	39.74	7.96	33.26
PK	17.47616G	61.45	68.20	-6.75	40.25	3	Vertical	256	1.80	-	43.46	10.74	33.00

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

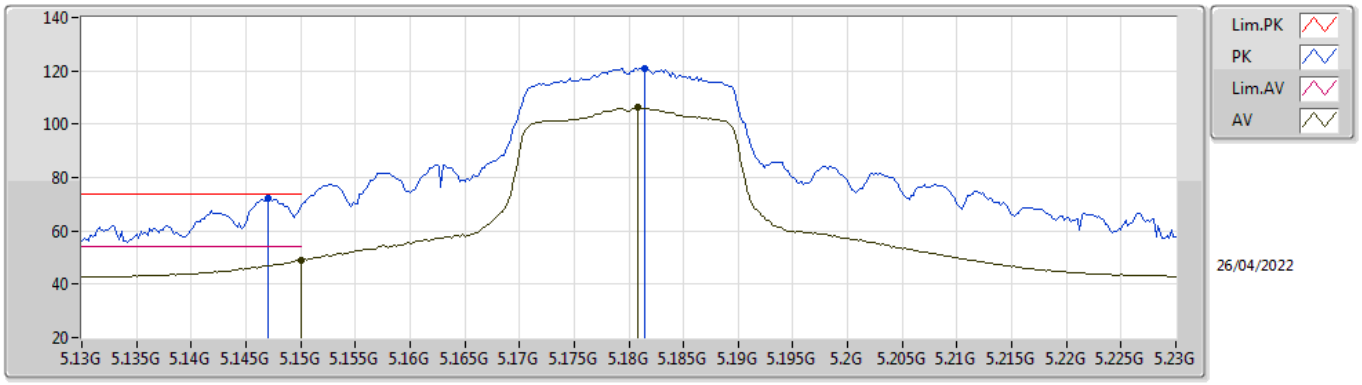


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65126G	53.22	74.00	-20.78	38.78	3	Horizontal	110	1.06	-	39.74	7.96	33.26
AV	11.65338G	39.58	54.00	-14.42	25.15	3	Horizontal	110	1.06	-	39.73	7.96	33.26
PK	17.4757G	60.73	68.20	-7.47	39.54	3	Horizontal	198	1.79	-	43.45	10.74	33.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

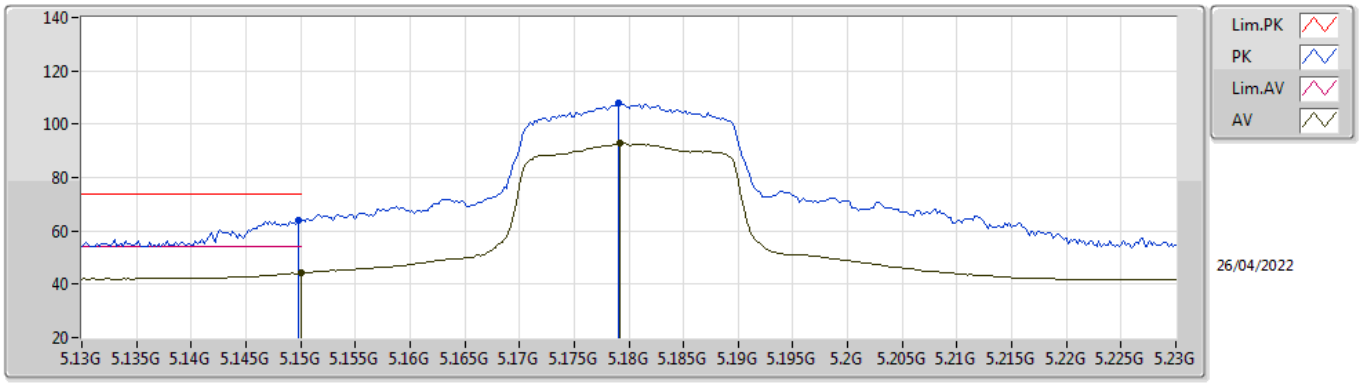


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.147G	72.31	74.00	-1.69	67.30	3	Vertical	42	2.30	-	31.91	5.25	32.15
AV	5.15G	48.90	54.00	-5.10	43.90	3	Vertical	42	2.30	-	31.90	5.25	32.15
PK	5.1814G	121.10	Inf	-Inf	116.20	3	Vertical	42	2.30	-	31.77	5.28	32.15
AV	5.1808G	106.33	Inf	-Inf	101.42	3	Vertical	42	2.30	-	31.78	5.28	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

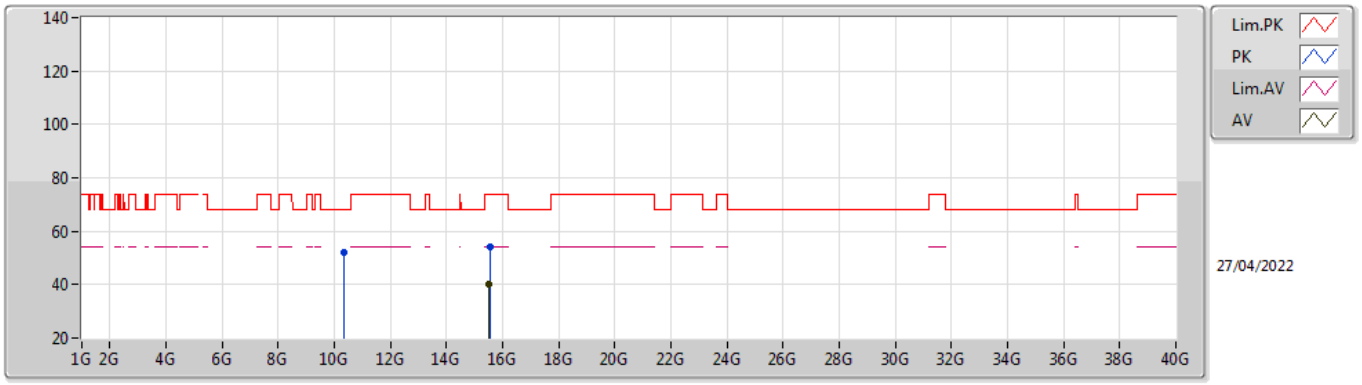


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.1498G	64.22	74.00	-9.78	59.22	3	Horizontal	237	2.15	-	31.90	5.25	32.15
AV	5.15G	44.16	54.00	-9.84	39.16	3	Horizontal	237	2.15	-	31.90	5.25	32.15
PK	5.179G	107.73	Inf	-Inf	102.82	3	Horizontal	237	2.15	-	31.78	5.28	32.15
AV	5.1792G	93.17	Inf	-Inf	88.26	3	Horizontal	237	2.15	-	31.78	5.28	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

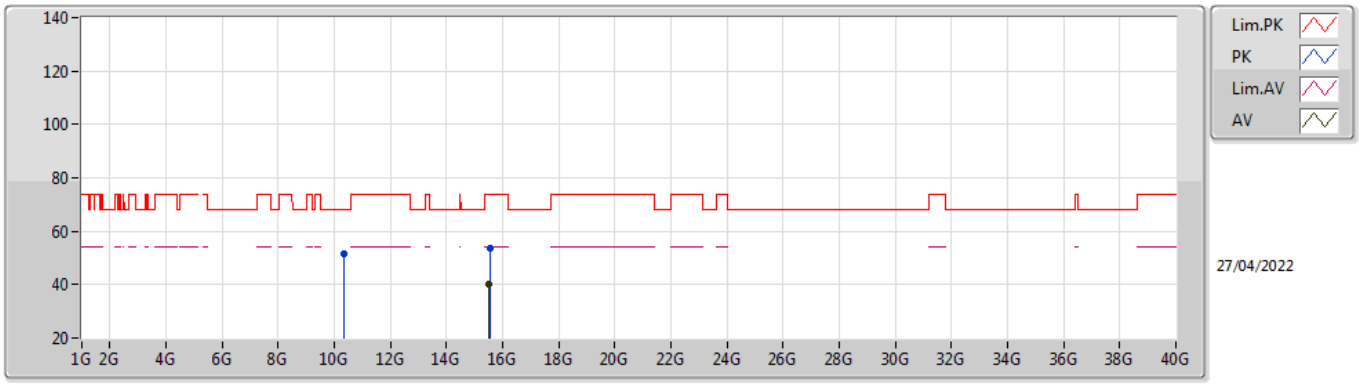


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35838G	52.26	68.20	-15.94	38.35	3	Vertical	84	2.32	-	39.43	7.44	32.96
PK	15.55476G	53.99	74.00	-20.01	38.96	3	Vertical	98	2.03	-	38.44	9.80	33.21
AV	15.52764G	39.92	54.00	-14.08	24.79	3	Vertical	98	2.03	-	38.52	9.79	33.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

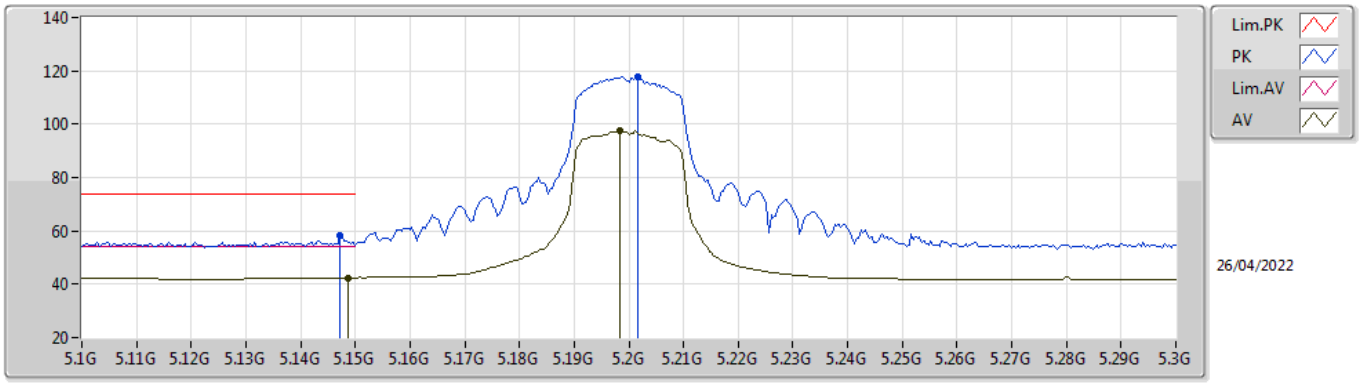


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35412G	51.76	68.20	-16.44	37.85	3	Horizontal	282	2.97	-	39.42	7.44	32.95
PK	15.54588G	53.63	74.00	-20.37	38.57	3	Horizontal	15	1.77	-	38.46	9.80	33.20
AV	15.52872G	39.92	54.00	-14.08	24.80	3	Horizontal	15	1.77	-	38.51	9.79	33.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

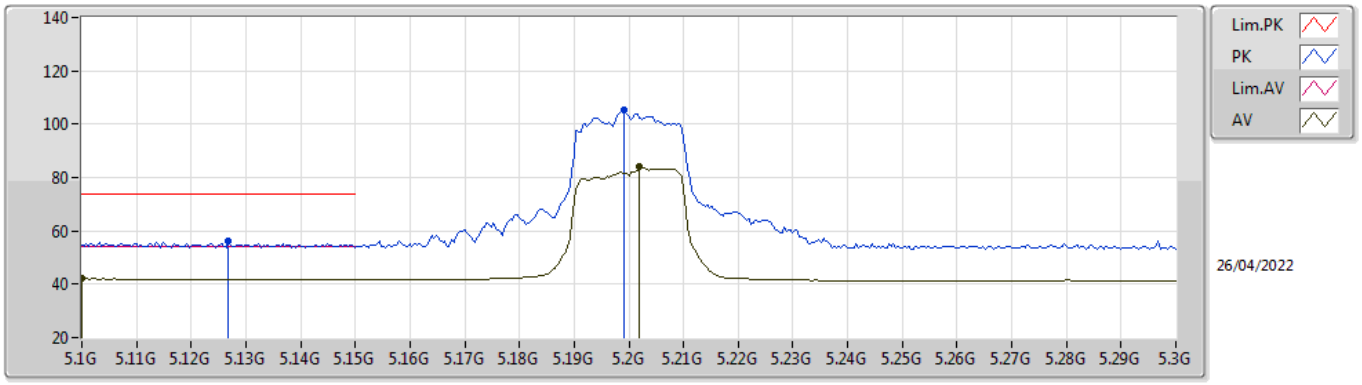


EUT Z_2TX
Setting 27
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	58.25	74.00	-15.75	53.24	3	Vertical	183	1.79	-	31.91	5.25	32.15
AV	5.1488G	42.46	54.00	-11.54	37.46	3	Vertical	183	1.79	-	31.90	5.25	32.15
PK	5.2016G	117.71	Inf	-Inf	112.87	3	Vertical	183	1.79	-	31.69	5.30	32.15
AV	5.1984G	97.61	Inf	-Inf	92.75	3	Vertical	183	1.79	-	31.71	5.30	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

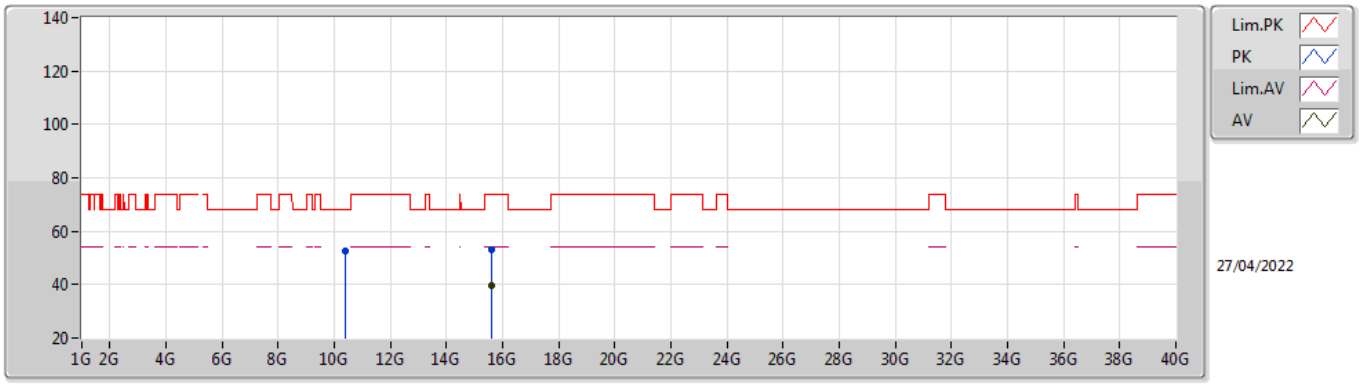


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.1268G	56.00	74.00	-18.00	50.97	3	Horizontal	106	2.95	-	31.95	5.23	32.15
AV	5.1G	42.07	54.00	-11.93	37.02	3	Horizontal	106	2.95	-	32.00	5.20	32.15
PK	5.1992G	105.27	Inf	-Inf	100.42	3	Horizontal	106	2.95	-	31.70	5.30	32.15
AV	5.202G	83.88	Inf	-Inf	79.04	3	Horizontal	106	2.95	-	31.69	5.30	32.15

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

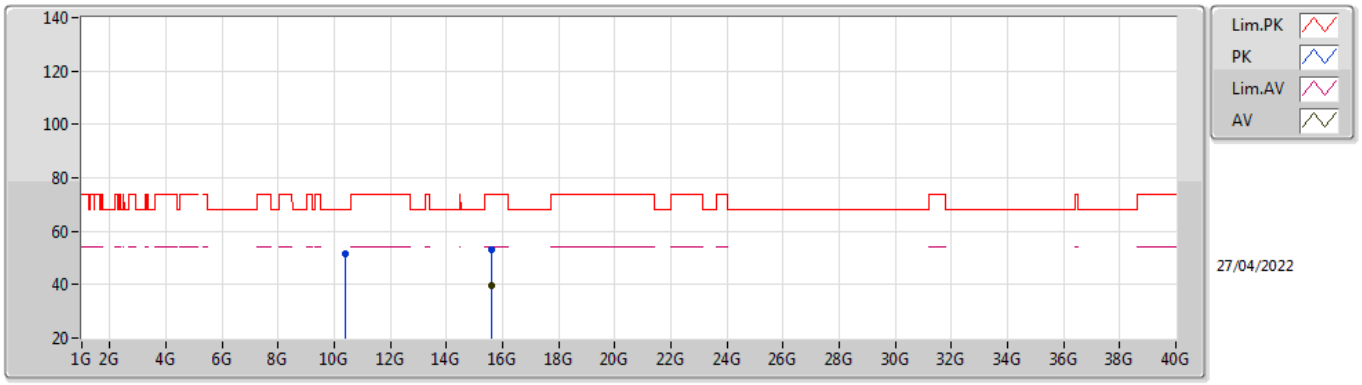


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40126G	52.68	68.20	-15.52	38.60	3	Vertical	79	1.21	-	39.60	7.46	32.98
PK	15.58986G	53.32	74.00	-20.68	38.43	3	Vertical	61	2.60	-	38.33	9.82	33.26
AV	15.58836G	39.67	54.00	-14.33	24.78	3	Vertical	61	2.60	-	38.33	9.81	33.25

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

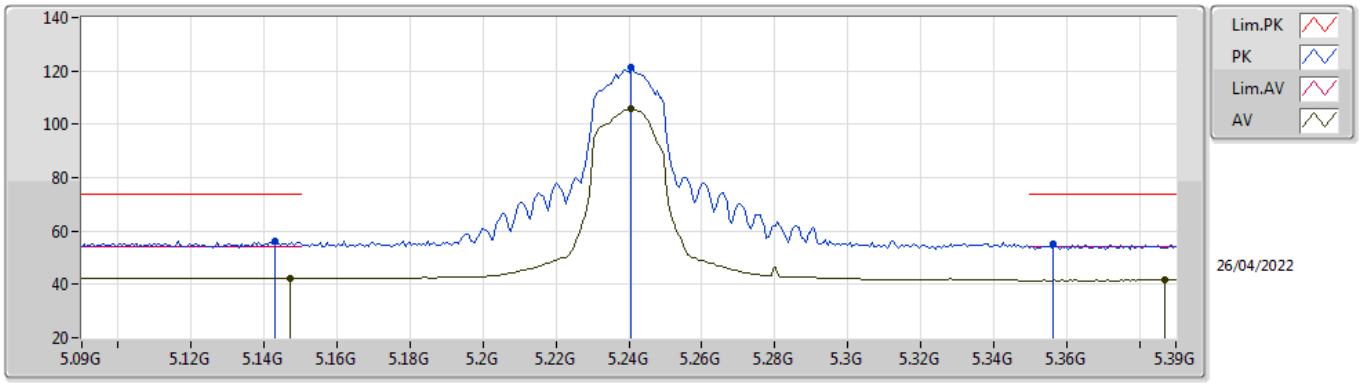


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39064G	51.74	68.20	-16.46	37.70	3	Horizontal	114	2.23	-	39.56	7.46	32.98
PK	15.58698G	53.29	74.00	-20.71	38.39	3	Horizontal	102	2.50	-	38.34	9.81	33.25
AV	15.58704G	39.67	54.00	-14.33	24.77	3	Horizontal	102	2.50	-	38.34	9.81	33.25

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

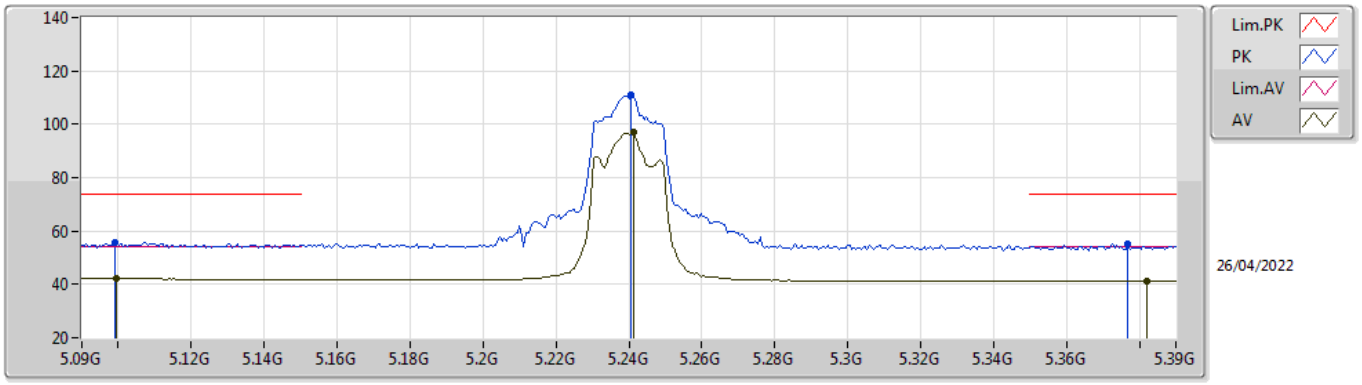


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.1428G	56.19	74.00	-17.81	51.19	3	Vertical	177	2.35	-	31.91	5.24	32.15
AV	5.147G	42.46	54.00	-11.54	37.45	3	Vertical	177	2.35	-	31.91	5.25	32.15
PK	5.2406G	121.22	Inf	-Inf	116.59	3	Vertical	177	2.35	-	31.46	5.32	32.15
AV	5.2406G	105.73	Inf	-Inf	101.10	3	Vertical	177	2.35	-	31.46	5.32	32.15
PK	5.3564G	55.15	74.00	-18.85	50.57	3	Vertical	177	2.35	-	31.34	5.38	32.14
AV	5.387G	41.68	54.00	-12.32	36.91	3	Vertical	177	2.35	-	31.52	5.39	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

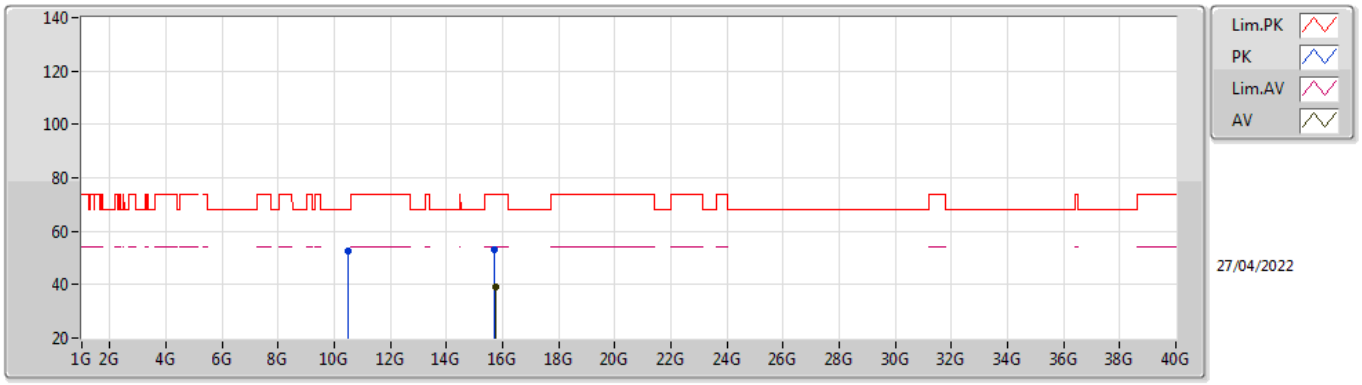


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.099G	55.88	74.00	-18.12	50.84	3	Horizontal	108	2.46	-	31.99	5.20	32.15
AV	5.0996G	42.18	54.00	-11.82	37.13	3	Horizontal	108	2.46	-	32.00	5.20	32.15
PK	5.2406G	110.91	Inf	-Inf	106.28	3	Horizontal	108	2.46	-	31.46	5.32	32.15
AV	5.2412G	97.22	Inf	-Inf	92.60	3	Horizontal	108	2.46	-	31.45	5.32	32.15
PK	5.3768G	55.06	74.00	-18.94	50.35	3	Horizontal	108	2.46	-	31.46	5.39	32.14
AV	5.3822G	41.36	54.00	-12.64	36.62	3	Horizontal	108	2.46	-	31.49	5.39	32.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

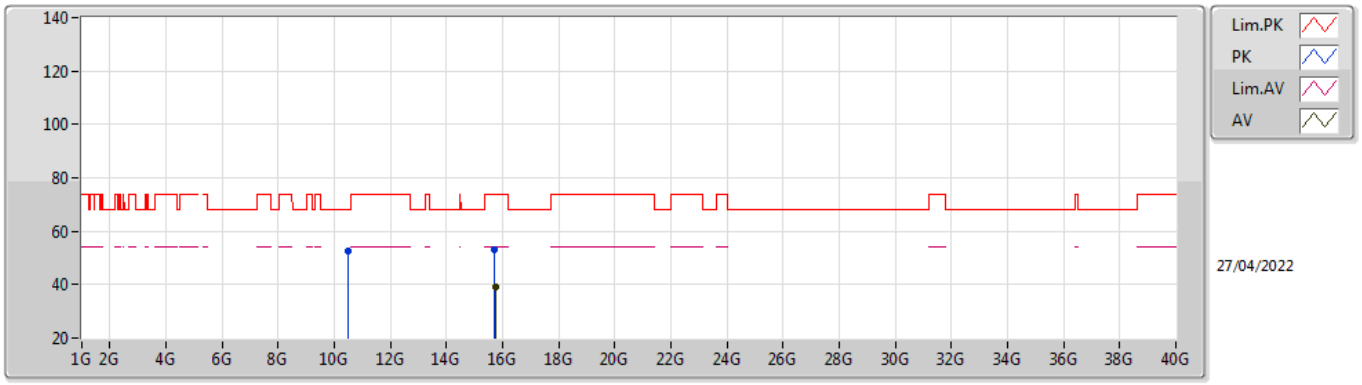


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48G	52.81	68.20	-15.39	38.76	3	Vertical	337	2.40	-	39.60	7.49	33.04
PK	15.7062G	53.13	74.00	-20.87	38.76	3	Vertical	339	1.24	-	37.89	9.87	33.39
AV	15.73128G	39.32	54.00	-14.68	24.99	3	Vertical	339	1.24	-	37.87	9.88	33.42

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

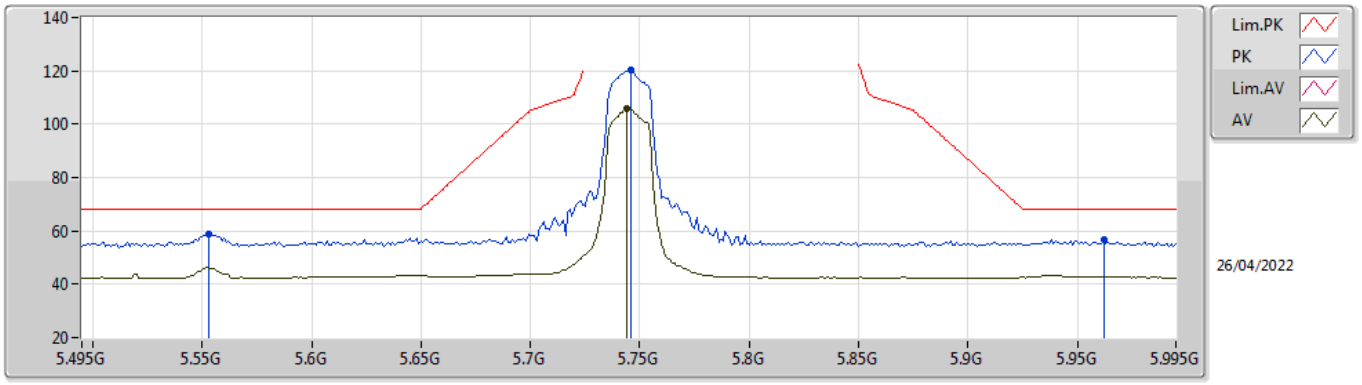


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47178G	52.73	68.20	-15.47	38.67	3	Horizontal	140	1.48	-	39.60	7.49	33.03
PK	15.72876G	53.30	74.00	-20.70	38.97	3	Horizontal	173	2.31	-	37.87	9.88	33.42
AV	15.73296G	39.25	54.00	-14.75	24.92	3	Horizontal	173	2.31	-	37.87	9.88	33.42

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

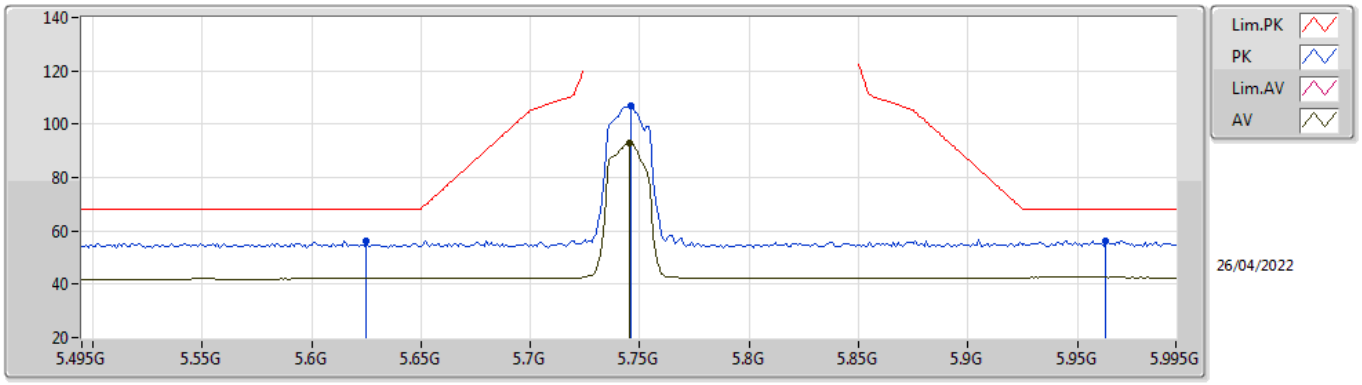


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.553G	58.88	68.20	-9.32	53.65	3	Vertical	151	1.61	-	31.81	5.55	32.13
PK	5.746G	120.36	Inf	-Inf	114.91	3	Vertical	151	1.61	-	31.99	5.60	32.14
AV	5.744G	105.64	Inf	-Inf	100.19	3	Vertical	151	1.61	-	31.99	5.60	32.14
PK	5.962G	56.59	68.20	-11.61	50.71	3	Vertical	151	1.61	-	32.28	5.76	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

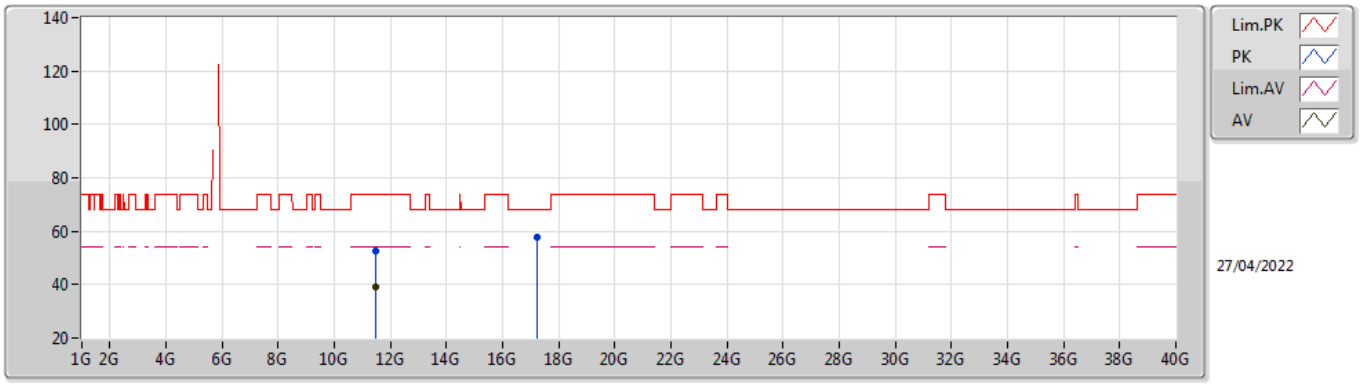


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.625G	56.17	68.20	-12.03	50.86	3	Horizontal	100	2.22	-	31.85	5.60	32.14
PK	5.746G	106.82	Inf	-Inf	101.37	3	Horizontal	100	2.22	-	31.99	5.60	32.14
AV	5.745G	92.75	Inf	-Inf	87.30	3	Horizontal	100	2.22	-	31.99	5.60	32.14
PK	5.963G	56.41	68.20	-11.79	50.54	3	Horizontal	100	2.22	-	32.27	5.76	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

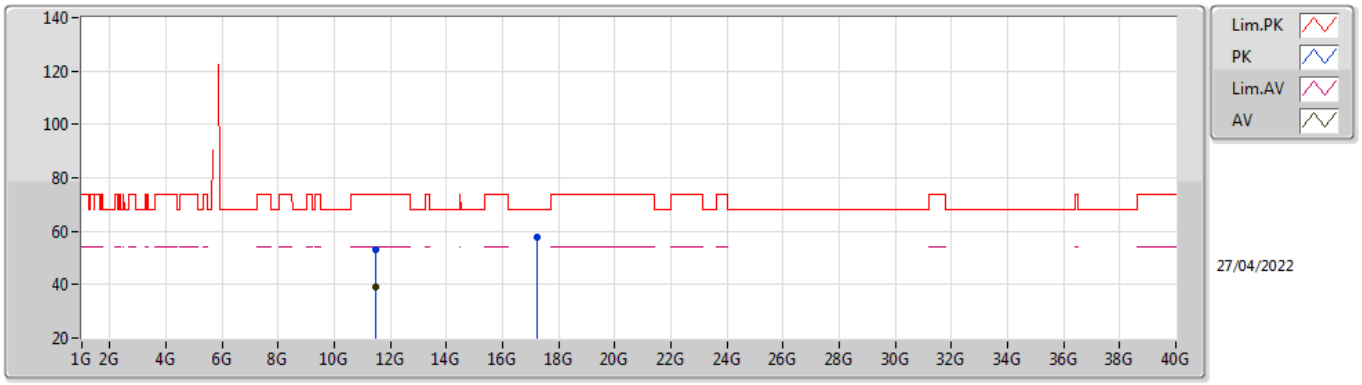


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48592G	52.58	74.00	-21.42	37.71	3	Vertical	309	1.04	-	40.20	7.89	33.22
AV	11.47986G	38.98	54.00	-15.02	24.11	3	Vertical	309	1.04	-	40.20	7.89	33.22
PK	17.2365G	57.70	68.20	-10.50	38.67	3	Vertical	55	1.36	-	41.68	10.62	33.27

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

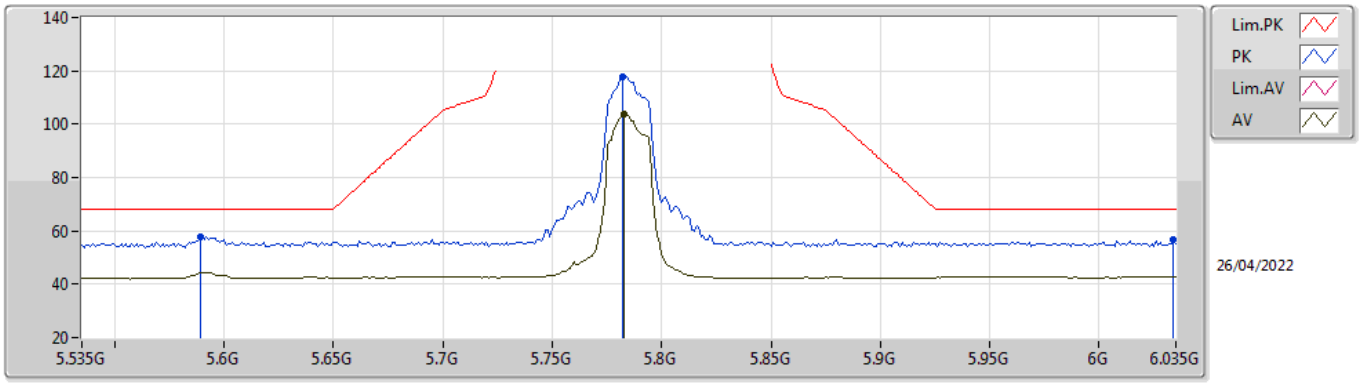


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49888G	52.93	74.00	-21.07	38.05	3	Horizontal	317	1.52	-	40.20	7.90	33.22
AV	11.4831G	38.98	54.00	-15.02	24.11	3	Horizontal	317	1.52	-	40.20	7.89	33.22
PK	17.24136G	57.56	68.20	-10.64	38.49	3	Horizontal	104	2.35	-	41.71	10.62	33.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

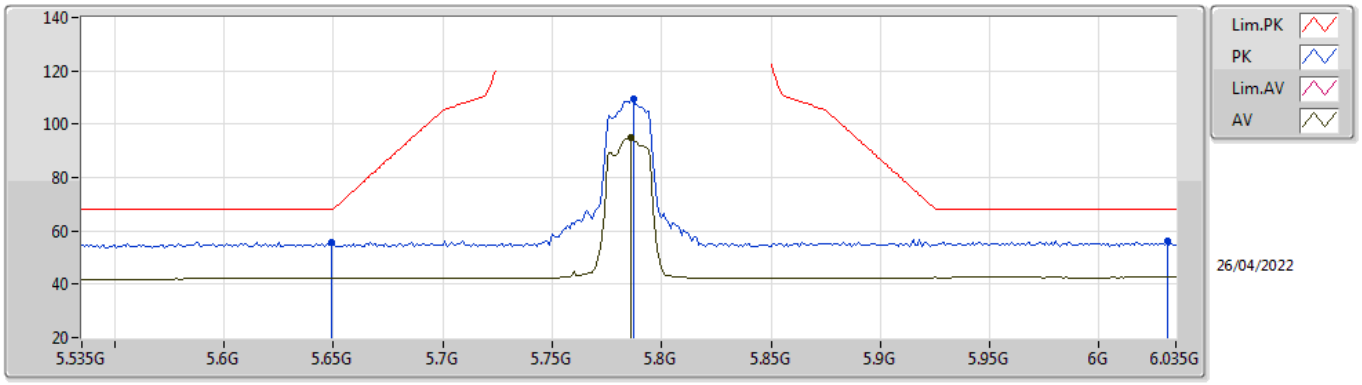


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.589G	57.73	68.20	-10.47	52.40	3	Vertical	122	1.66	-	31.88	5.59	32.14
PK	5.782G	117.56	Inf	-Inf	112.11	3	Vertical	122	1.66	-	32.00	5.60	32.15
AV	5.783G	103.66	Inf	-Inf	98.21	3	Vertical	122	1.66	-	32.00	5.60	32.15
PK	6.034G	56.75	68.20	-11.45	50.71	3	Vertical	122	1.66	-	32.40	5.80	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

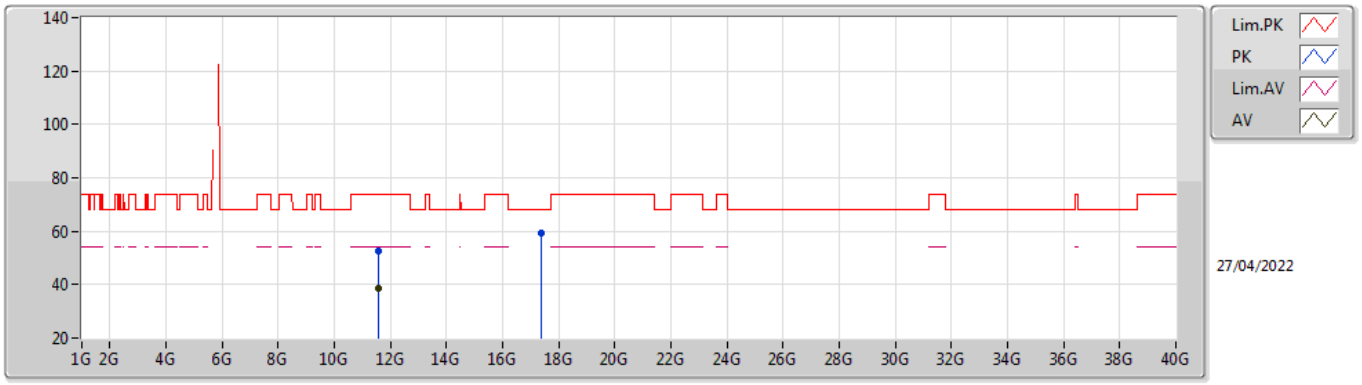


EUT Z_2TX
Setting 27
02-B-R-5-10

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	55.93	68.20	-12.27	50.67	3	Horizontal	233	2.22	-	31.80	5.60	32.14
PK	5.787G	109.27	Inf	-Inf	103.82	3	Horizontal	233	2.22	-	32.00	5.60	32.15
AV	5.786G	94.85	Inf	-Inf	89.40	3	Horizontal	233	2.22	-	32.00	5.60	32.15
PK	6.031G	56.05	68.20	-12.15	50.02	3	Horizontal	233	2.22	-	32.39	5.80	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

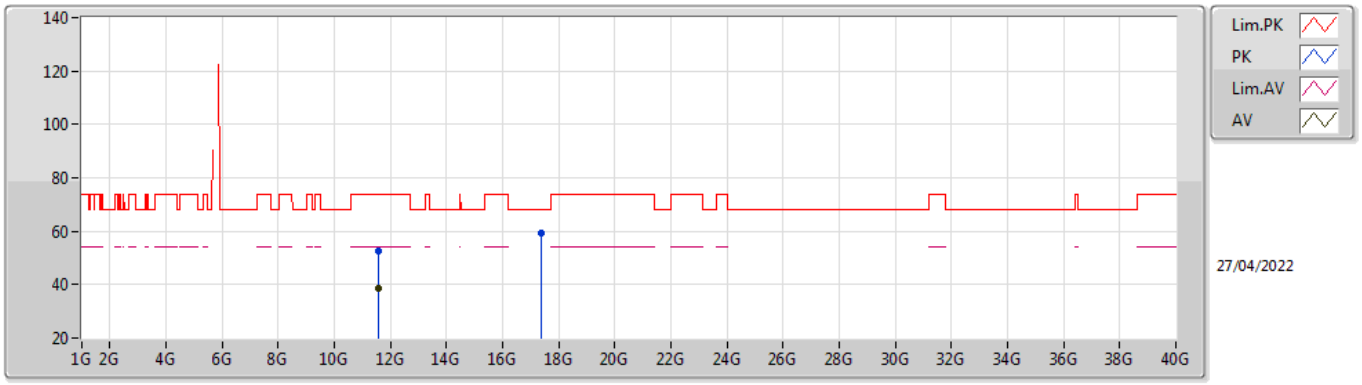


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55728G	52.47	74.00	-21.53	37.69	3	Vertical	302	1.87	-	40.09	7.92	33.23
AV	11.57354G	38.84	54.00	-15.16	24.10	3	Vertical	302	1.87	-	40.05	7.93	33.24
PK	17.35884G	59.09	68.20	-9.11	38.95	3	Vertical	235	1.99	-	42.59	10.68	33.13

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

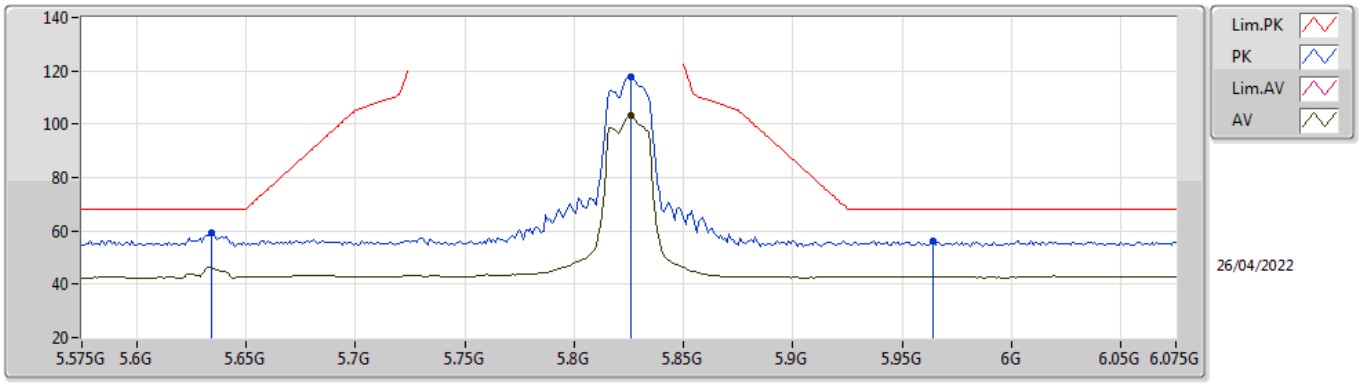


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58056G	52.67	74.00	-21.33	37.94	3	Horizontal	295	2.25	-	40.04	7.93	33.24
AV	11.56988G	38.84	54.00	-15.16	24.09	3	Horizontal	295	2.25	-	40.06	7.93	33.24
PK	17.3628G	59.20	68.20	-9.00	39.02	3	Horizontal	272	2.46	-	42.63	10.68	33.13

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

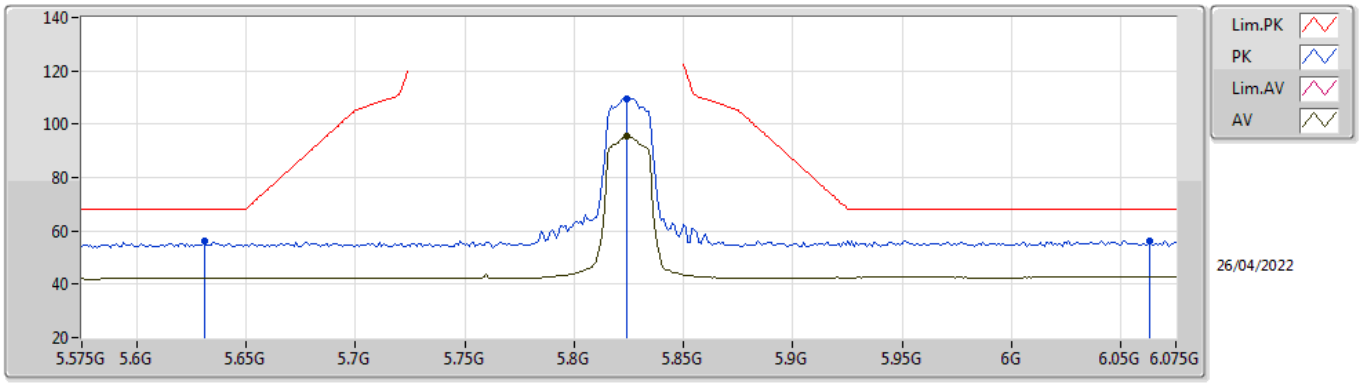


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.634G	59.33	68.20	-8.87	54.04	3	Vertical	146	1.79	-	31.83	5.60	32.14
PK	5.826G	117.87	Inf	-Inf	112.34	3	Vertical	146	1.79	-	32.05	5.63	32.15
AV	5.826G	103.42	Inf	-Inf	97.89	3	Vertical	146	1.79	-	32.05	5.63	32.15
PK	5.964G	56.31	68.20	-11.89	50.44	3	Vertical	146	1.79	-	32.27	5.76	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

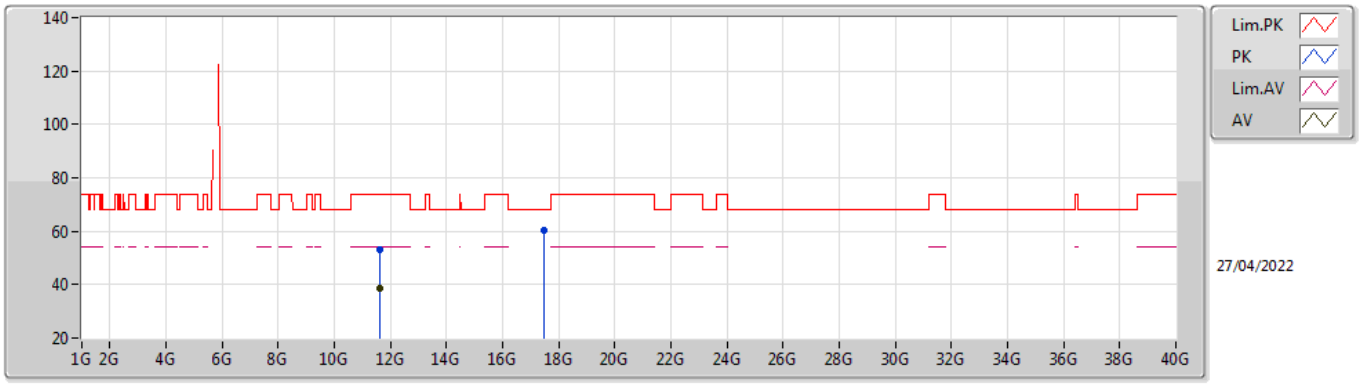


EUT Z_2TX
Setting 27
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.631G	55.96	68.20	-12.24	50.66	3	Horizontal	235	2.17	-	31.84	5.60	32.14
PK	5.824G	109.72	Inf	-Inf	104.20	3	Horizontal	235	2.17	-	32.05	5.62	32.15
AV	5.824G	95.69	Inf	-Inf	90.17	3	Horizontal	235	2.17	-	32.05	5.62	32.15
PK	6.063G	56.33	68.20	-11.87	50.22	3	Horizontal	235	2.17	-	32.47	5.80	32.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

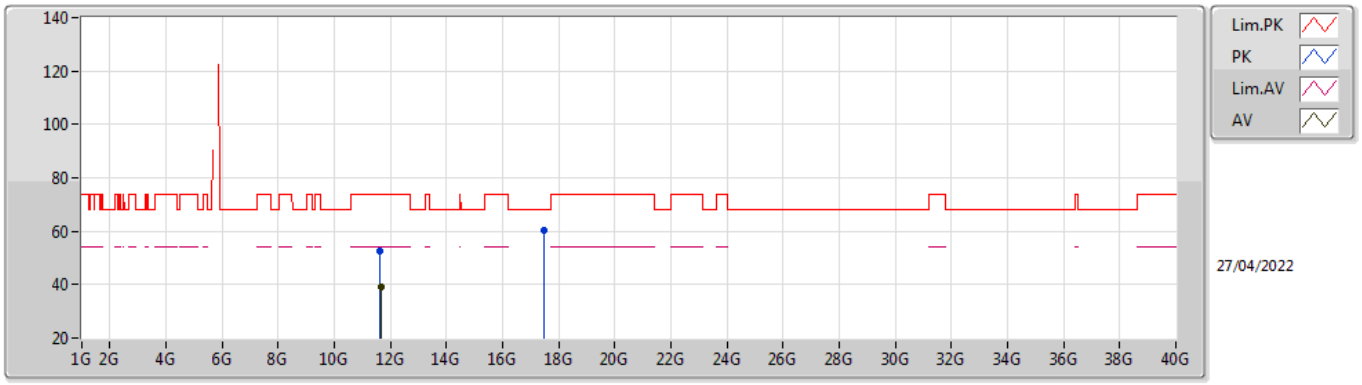


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64694G	52.90	74.00	-21.10	38.43	3	Vertical	138	1.80	-	39.77	7.96	33.26
AV	11.63572G	38.57	54.00	-15.43	24.06	3	Vertical	138	1.80	-	39.82	7.95	33.26
PK	17.478G	60.21	68.20	-7.99	39.00	3	Vertical	0	2.88	-	43.47	10.74	33.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

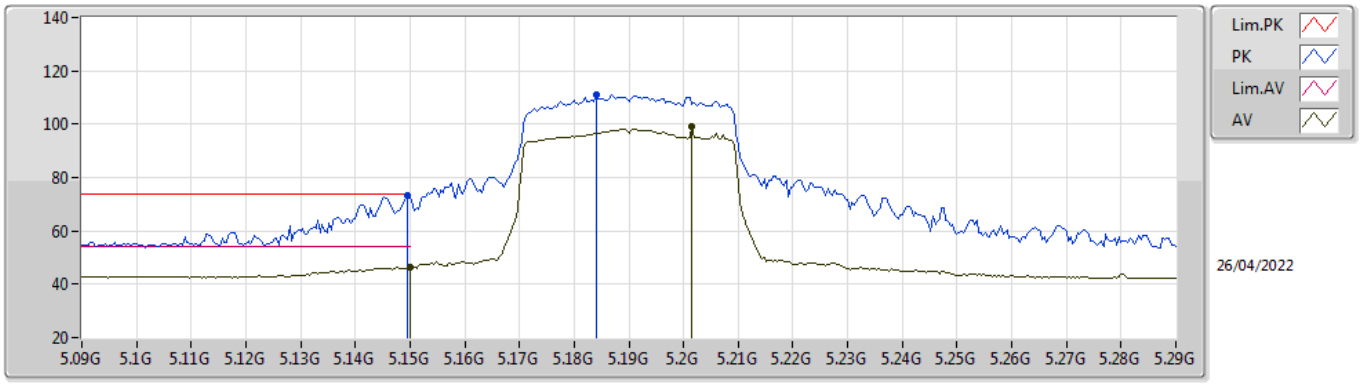


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.63656G	52.76	74.00	-21.24	38.25	3	Horizontal	202	2.34	-	39.82	7.95	33.26
AV	11.64982G	39.26	54.00	-14.74	24.81	3	Horizontal	202	2.34	-	39.75	7.96	33.26
PK	17.47656G	60.23	68.20	-7.97	39.03	3	Horizontal	62	2.69	-	43.46	10.74	33.00

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

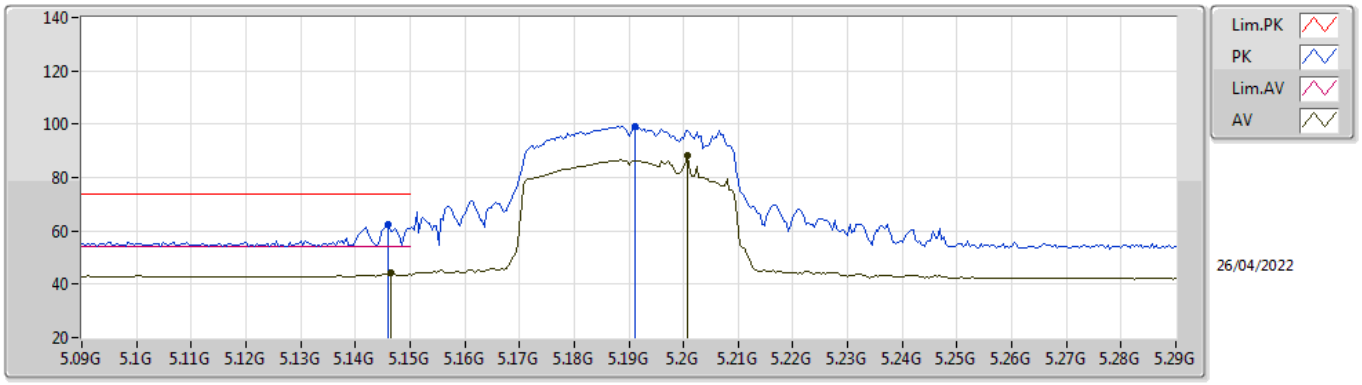


EUT Z_2TX
Setting 22
02-B-R-5-10

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	5.1496G	73.50	74.00	-0.50	68.50	3	Vertical	113.8	1.32	-	31.90	5.25	32.15
AV	5.15G	46.29	54.00	-7.71	41.29	3	Vertical	113.8	1.32	-	31.90	5.25	32.15
PK	5.184G	110.85	Inf	-Inf	105.96	3	Vertical	113.8	1.32	-	31.76	5.28	32.15
AV	5.2016G	99.00	Inf	-Inf	94.16	3	Vertical	113.8	1.32	-	31.69	5.30	32.15

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

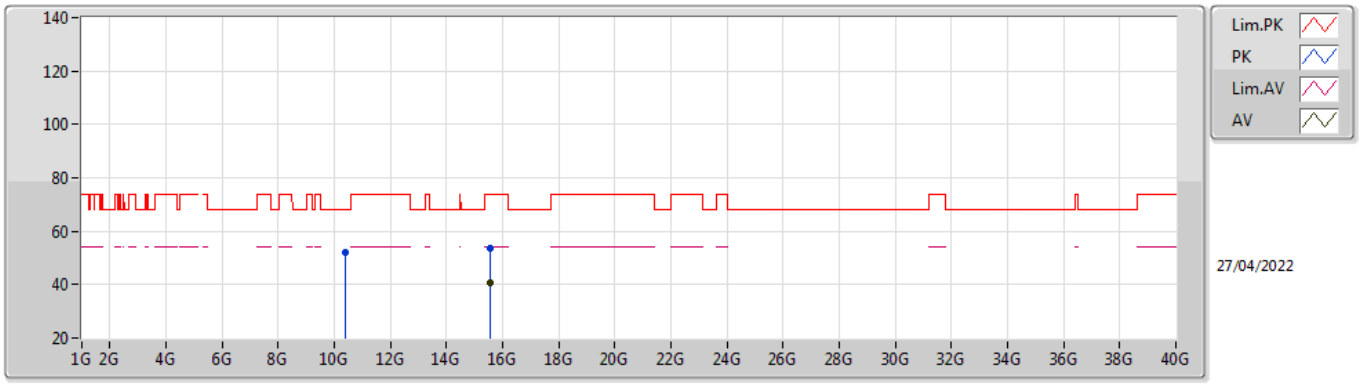


EUT Z_2TX
Setting 22
02-B-R-5-10

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	5.146G	62.51	74.00	-11.49	57.50	3	Horizontal	351	1.52	-	31.91	5.25	32.15
AV	5.1464G	44.31	54.00	-9.69	39.30	3	Horizontal	351	1.52	-	31.91	5.25	32.15
PK	5.1912G	99.03	Inf	-Inf	94.15	3	Horizontal	351	1.52	-	31.74	5.29	32.15
AV	5.2008G	88.23	Inf	-Inf	83.38	3	Horizontal	351	1.52	-	31.70	5.30	32.15

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

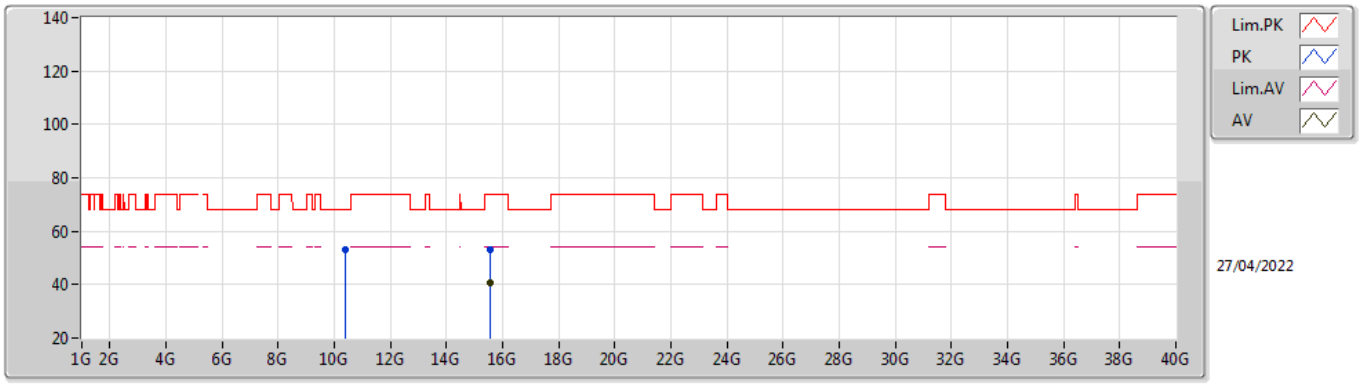


EUT Z_2TX
Setting 22
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3797G	51.92	68.20	-16.28	37.92	3	Vertical	320	1.03	-	39.52	7.45	32.97
PK	15.579G	53.49	74.00	-20.51	38.56	3	Vertical	130	2.52	-	38.36	9.81	33.24
AV	15.56652G	40.79	54.00	-13.21	25.82	3	Vertical	130	2.52	-	38.40	9.80	33.23

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

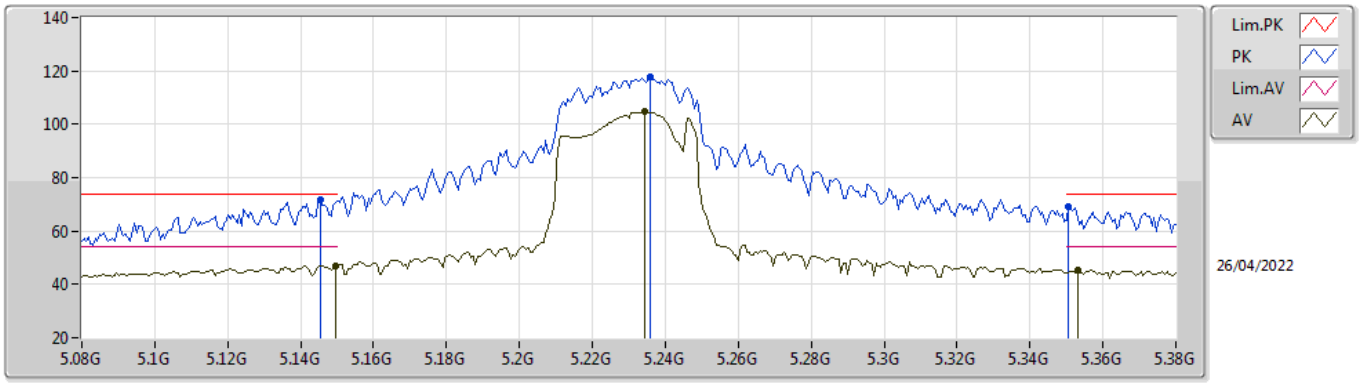


EUT Z_2TX
Setting 22
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3815G	52.98	68.20	-15.22	38.97	3	Horizontal	309	1.53	-	39.53	7.45	32.97
PK	15.579G	53.33	74.00	-20.67	38.40	3	Horizontal	167	2.29	-	38.36	9.81	33.24
AV	15.55614G	40.56	54.00	-13.44	25.55	3	Horizontal	167	2.29	-	38.43	9.80	33.22

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

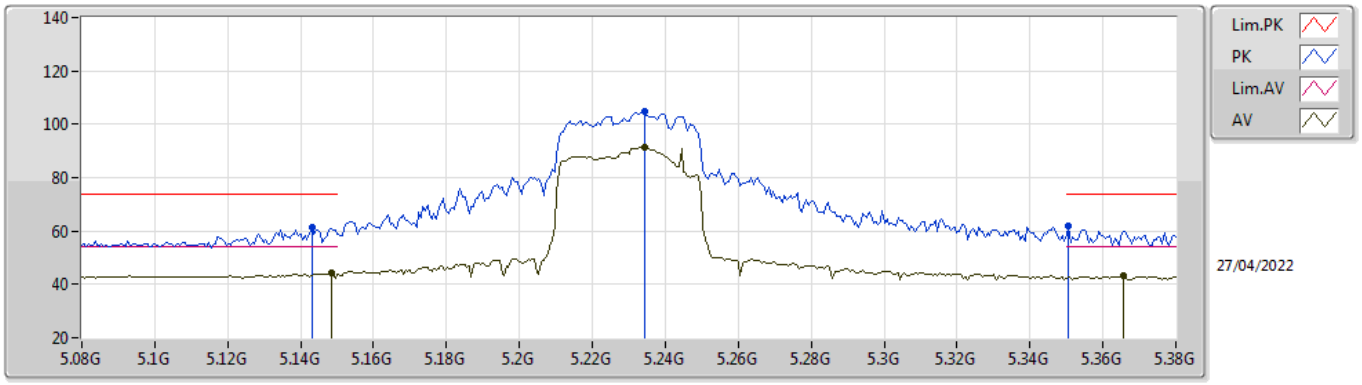


EUT Z_2TX
Setting 25
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1454G	71.95	74.00	-2.05	66.94	3	Vertical	9	2.24	-	31.91	5.25	32.15
AV	5.1496G	47.05	54.00	-6.95	42.05	3	Vertical	9	2.24	-	31.90	5.25	32.15
PK	5.236G	117.55	Inf	-Inf	112.90	3	Vertical	9	2.24	-	31.48	5.32	32.15
AV	5.2342G	104.64	Inf	-Inf	99.98	3	Vertical	9	2.24	-	31.49	5.32	32.15
PK	5.3506G	69.05	74.00	-4.95	64.51	3	Vertical	9	2.24	-	31.30	5.38	32.14
AV	5.353G	45.28	54.00	-8.72	40.72	3	Vertical	9	2.24	-	31.32	5.38	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

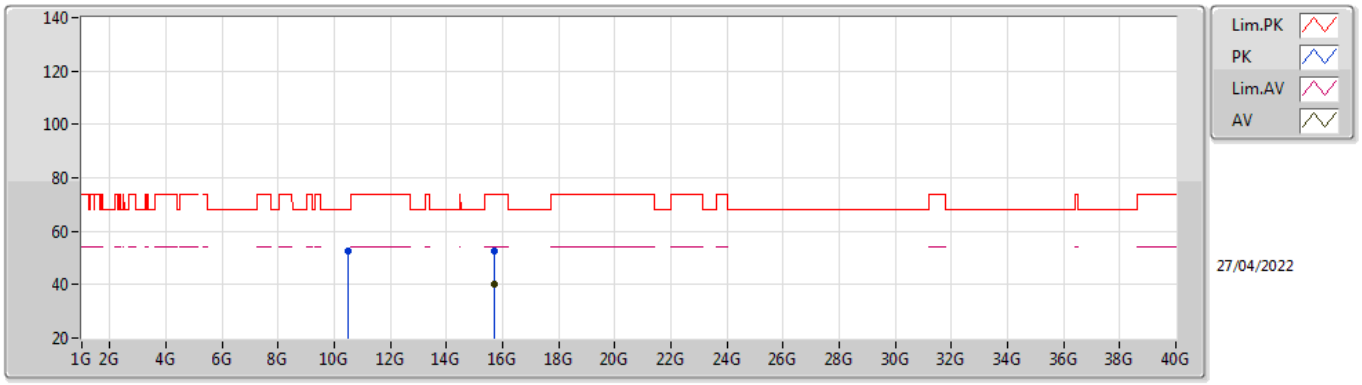


EUT Z_2TX
Setting 25
02-B-R-5-10

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	5.143G	61.41	74.00	-12.59	56.41	3	Horizontal	108	2.89	-	31.91	5.24	32.15
AV	5.1484G	44.18	54.00	-9.82	39.18	3	Horizontal	108	2.89	-	31.90	5.25	32.15
PK	5.2342G	104.58	Inf	-Inf	99.92	3	Horizontal	108	2.89	-	31.49	5.32	32.15
AV	5.2342G	91.48	Inf	-Inf	86.82	3	Horizontal	108	2.89	-	31.49	5.32	32.15
PK	5.3506G	61.72	74.00	-12.28	57.18	3	Horizontal	108	2.89	-	31.30	5.38	32.14
AV	5.3656G	43.08	54.00	-10.92	38.45	3	Horizontal	108	2.89	-	31.39	5.38	32.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

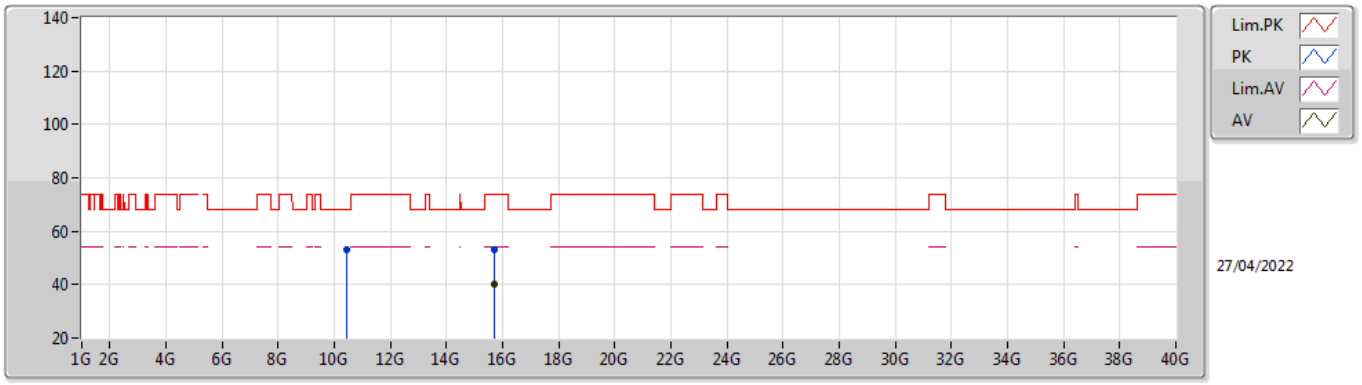


EUT Z_2TX
Setting 25
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46816G	52.77	68.20	-15.43	38.71	3	Vertical	258	1.57	-	39.60	7.49	33.03
PK	15.69258G	52.60	74.00	-21.40	38.19	3	Vertical	124	1.25	-	37.93	9.86	33.38
AV	15.6957G	39.96	54.00	-14.04	25.56	3	Vertical	124	1.25	-	37.92	9.86	33.38

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

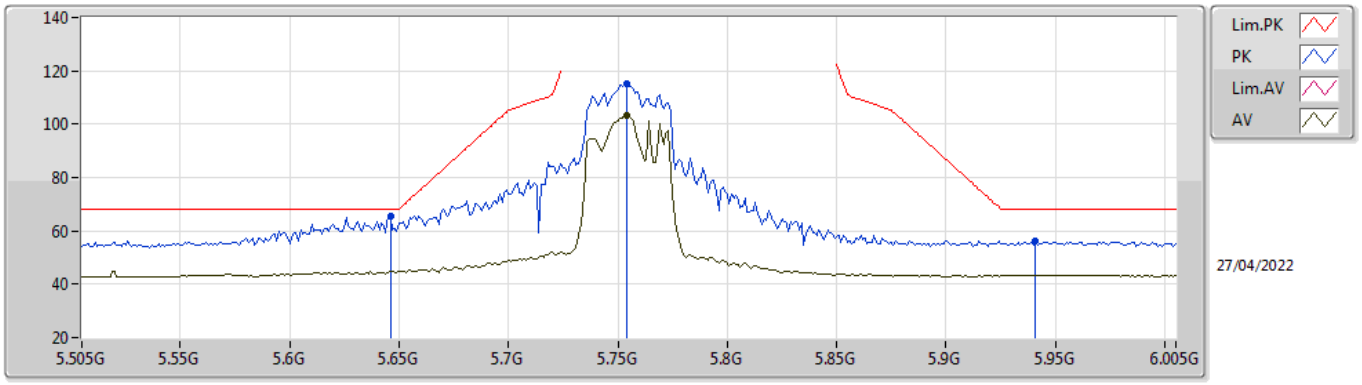


EUT Z_2TX
Setting 25
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46408G	53.33	68.20	-14.87	39.27	3	Horizontal	88	1.32	-	39.60	7.49	33.03
PK	15.7029G	53.20	74.00	-20.80	38.82	3	Horizontal	84	2.70	-	37.90	9.87	33.39
AV	15.69474G	40.00	54.00	-14.00	25.60	3	Horizontal	84	2.70	-	37.92	9.86	33.38

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

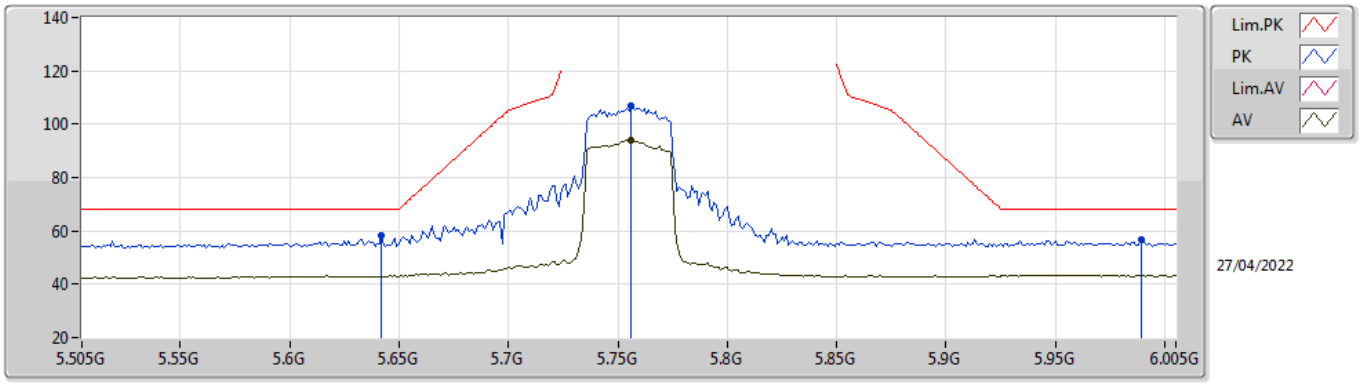


EUT Z_2TX
Setting 25
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	65.46	68.20	-2.74	60.19	3	Vertical	205	1.79	-	31.81	5.60	32.14
PK	5.754G	115.33	Inf	-Inf	109.88	3	Vertical	205	1.79	-	32.00	5.60	32.15
AV	5.754G	103.27	Inf	-Inf	97.82	3	Vertical	205	1.79	-	32.00	5.60	32.15
PK	5.941G	56.08	68.20	-12.12	50.24	3	Vertical	205	1.79	-	32.26	5.74	32.16

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

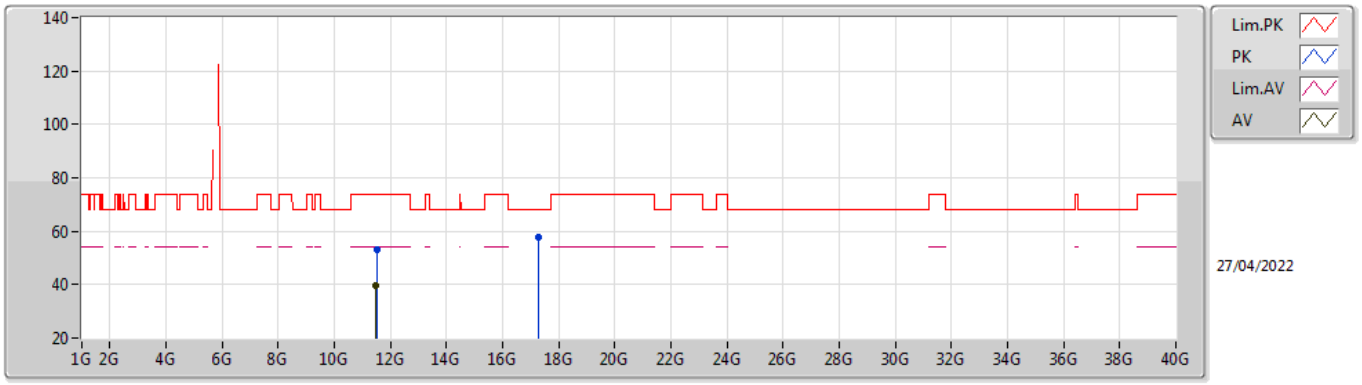


EUT Z_2TX
Setting 25
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.642G	58.27	68.20	-9.93	52.99	3	Horizontal	239	2.24	-	31.82	5.60	32.14
PK	5.756G	106.86	Inf	-Inf	101.41	3	Horizontal	239	2.24	-	32.00	5.60	32.15
AV	5.756G	94.09	Inf	-Inf	88.64	3	Horizontal	239	2.24	-	32.00	5.60	32.15
PK	5.989G	56.70	68.20	-11.50	50.85	3	Horizontal	239	2.24	-	32.22	5.79	32.16

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

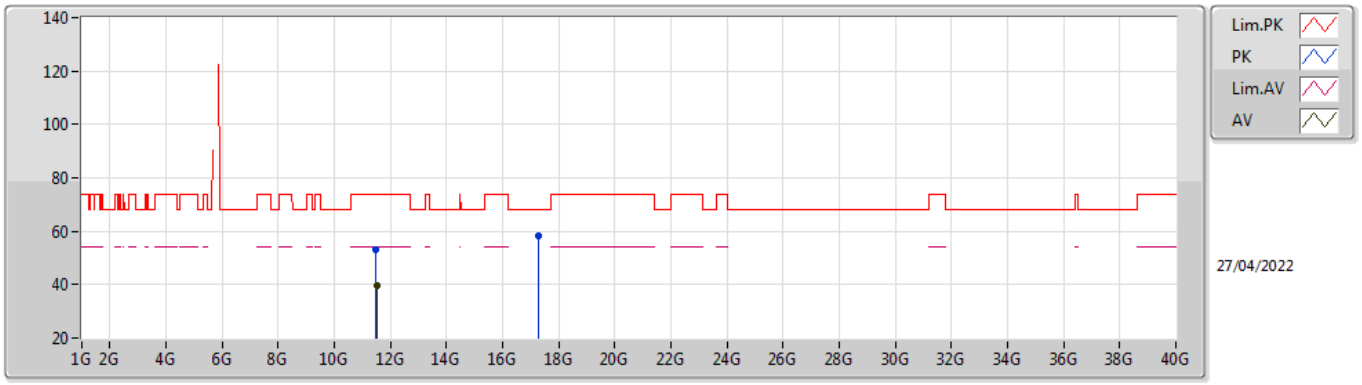


EUT Z_2TX
Setting 25
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5019G	53.23	74.00	-20.77	38.35	3	Vertical	345	2.18	-	40.20	7.90	33.22
AV	11.4968G	39.49	54.00	-14.51	24.61	3	Vertical	345	2.18	-	40.20	7.90	33.22
PK	17.2752G	57.76	68.20	-10.44	38.47	3	Vertical	12	2.30	-	41.88	10.64	33.23

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

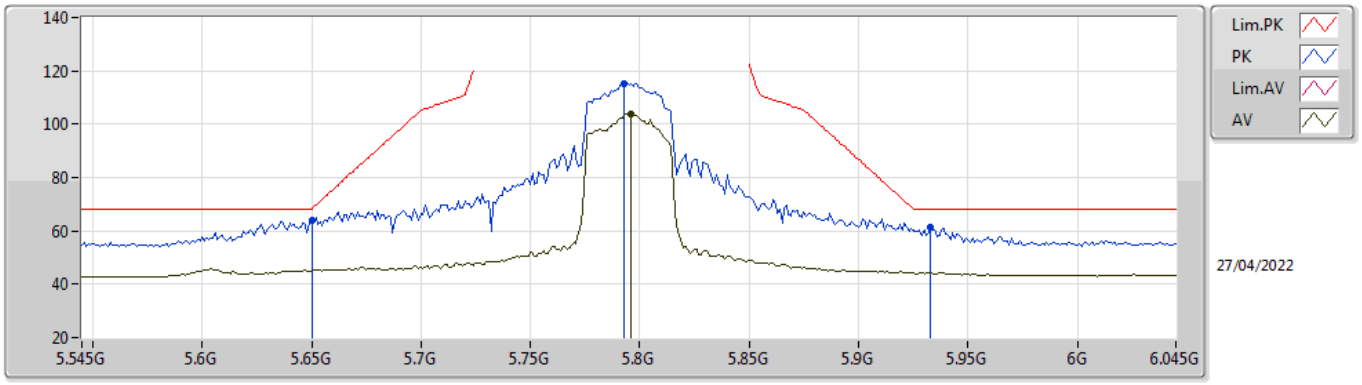


EUT Z_2TX
Setting 25
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49884G	52.95	74.00	-21.05	38.07	3	Horizontal	285	2.11	-	40.20	7.90	33.22
AV	11.50766G	39.47	54.00	-14.53	24.61	3	Horizontal	285	2.11	-	40.18	7.90	33.22
PK	17.27922G	58.05	68.20	-10.15	38.73	3	Horizontal	22	2.00	-	41.90	10.64	33.22

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

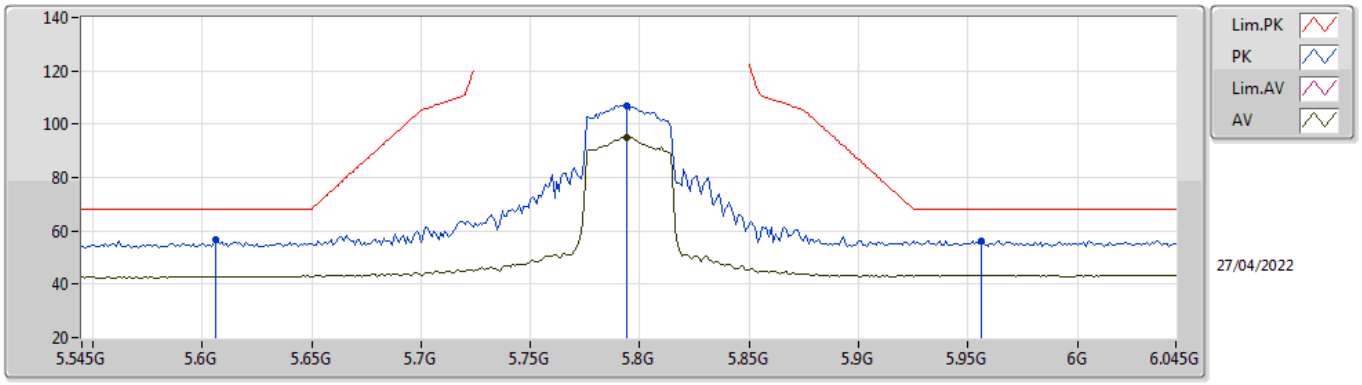


EUT Z_2TX
Setting 27
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	63.92	68.20	-4.28	58.66	3	Vertical	101	1.97	-	31.80	5.60	32.14
PK	5.793G	115.39	Inf	-Inf	109.94	3	Vertical	101	1.97	-	32.00	5.60	32.15
AV	5.796G	103.70	Inf	-Inf	98.25	3	Vertical	101	1.97	-	32.00	5.60	32.15
PK	5.933G	61.52	68.20	-6.68	55.72	3	Vertical	101	1.97	-	32.23	5.73	32.16

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

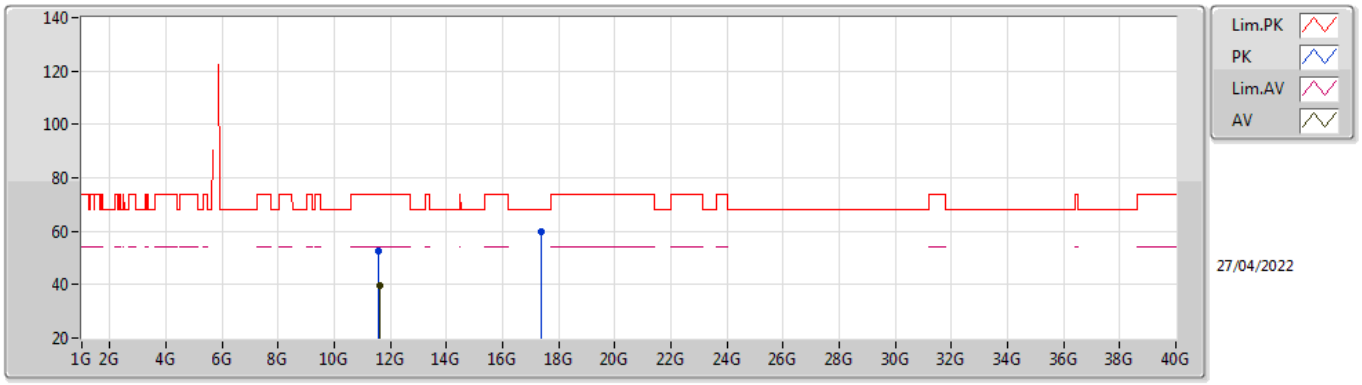


EUT Z_2TX
Setting 27
02-B-R-5-10

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	5.606G	56.49	68.20	-11.71	51.14	3	Horizontal	235	2.30	-	31.89	5.60	32.14
PK	5.794G	107.15	Inf	-Inf	101.70	3	Horizontal	235	2.30	-	32.00	5.60	32.15
AV	5.794G	95.03	Inf	-Inf	89.58	3	Horizontal	235	2.30	-	32.00	5.60	32.15
PK	5.956G	56.19	68.20	-12.01	50.30	3	Horizontal	235	2.30	-	32.29	5.76	32.16

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

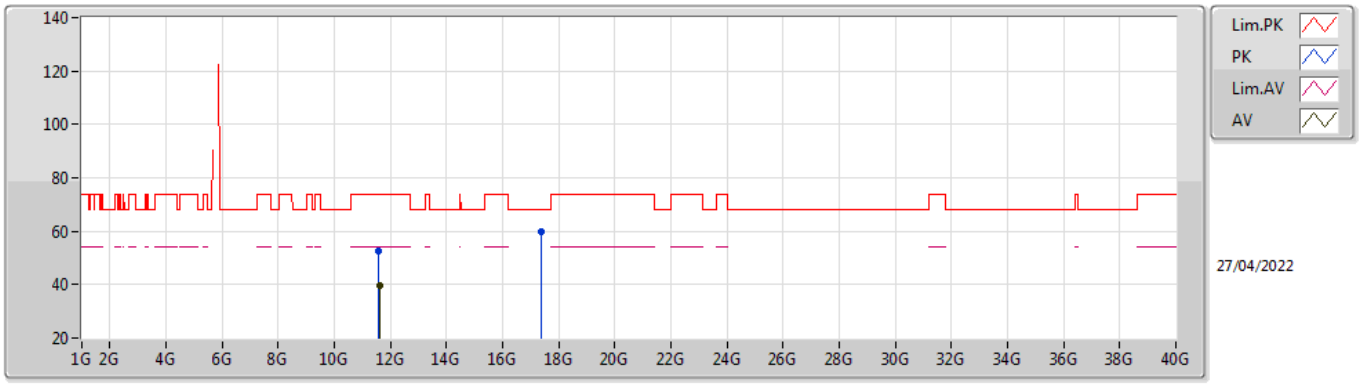


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.575G	52.53	74.00	-21.47	37.79	3	Vertical	253	2.35	-	40.05	7.93	33.24
AV	11.60452G	39.53	54.00	-14.47	24.86	3	Vertical	253	2.35	-	39.98	7.94	33.25
PK	17.39166G	59.69	68.20	-8.51	39.16	3	Vertical	67	2.23	-	42.92	10.70	33.09

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

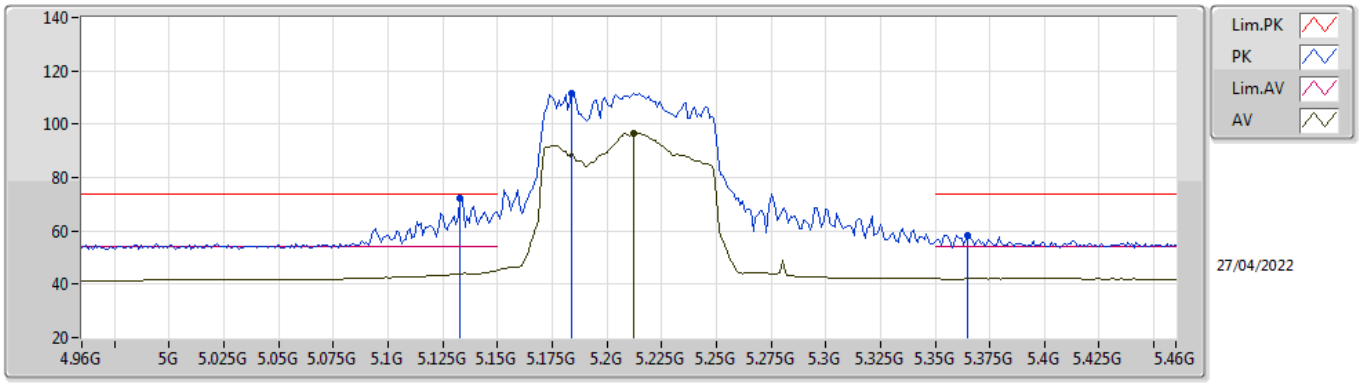


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59294G	52.65	74.00	-21.35	37.94	3	Horizontal	351	2.00	-	40.01	7.94	33.24
AV	11.60134G	39.47	54.00	-14.53	24.79	3	Horizontal	351	2.00	-	39.99	7.94	33.25
PK	17.37426G	59.68	68.20	-8.52	39.36	3	Horizontal	248	1.03	-	42.74	10.69	33.11

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

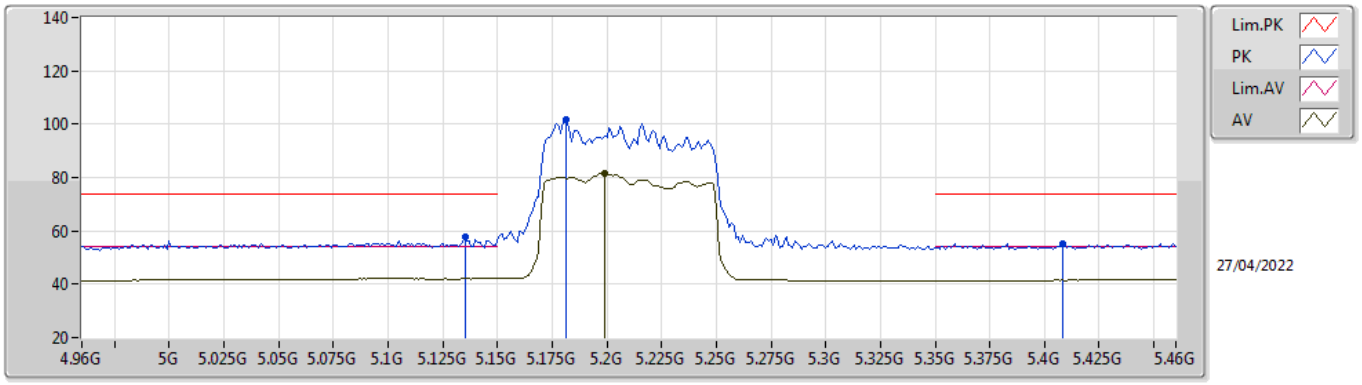


EUT Z_2TX
Setting 24
02-B-R-5-10

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	5.133G	72.42	74.00	-1.58	67.41	3	Vertical	166	2.29	-	31.93	5.23	32.15
PK	5.184G	111.79	Inf	-Inf	106.90	3	Vertical	166	2.29	-	31.76	5.28	32.15
AV	5.212G	96.70	Inf	-Inf	91.91	3	Vertical	166	2.29	-	31.63	5.31	32.15
PK	5.365G	58.53	74.00	-15.47	53.90	3	Vertical	166	2.29	-	31.39	5.38	32.14

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

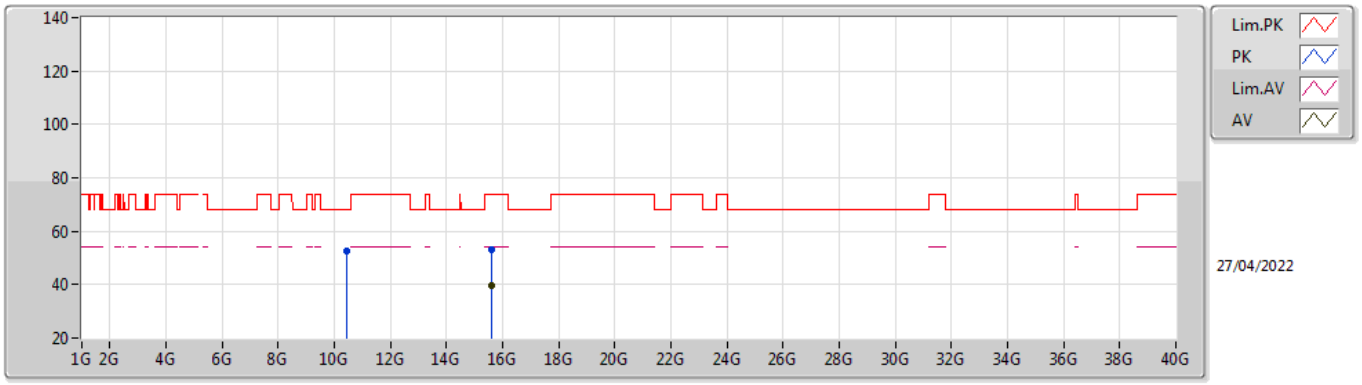


EUT Z_2TX
Setting 24
02-B-R-5-10

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	5.135G	57.82	74.00	-16.18	52.80	3	Horizontal	339	2.26	-	31.93	5.24	32.15
PK	5.181G	101.97	Inf	-Inf	97.06	3	Horizontal	339	2.26	-	31.78	5.28	32.15
AV	5.199G	81.62	Inf	-Inf	76.77	3	Horizontal	339	2.26	-	31.70	5.30	32.15
PK	5.408G	55.14	74.00	-18.86	50.22	3	Horizontal	339	2.26	-	31.65	5.41	32.14

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

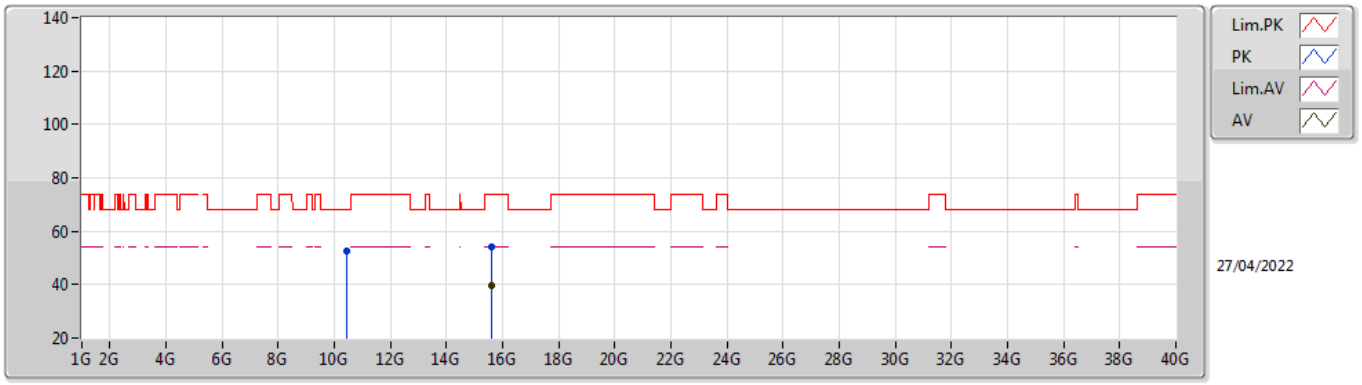


EUT Z_2TX
Setting 24
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41874G	52.52	68.20	-15.68	38.45	3	Vertical	93	1.30	-	39.60	7.47	33.00
PK	15.61962G	52.92	74.00	-21.08	38.16	3	Vertical	105	1.66	-	38.22	9.83	33.29
AV	15.62064G	39.65	54.00	-14.35	24.89	3	Vertical	105	1.66	-	38.22	9.83	33.29

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

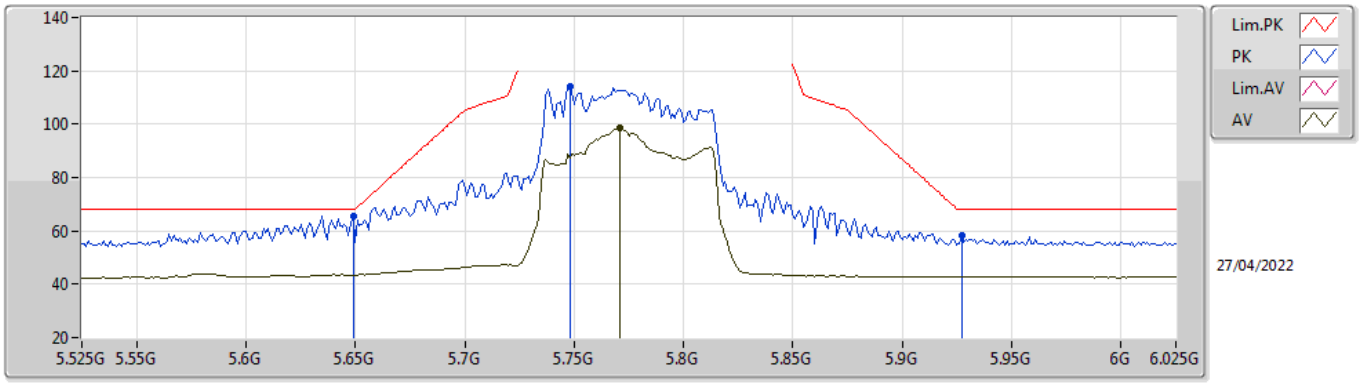


EUT Z_2TX
Setting 24
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.43206G	52.45	68.20	-15.75	38.39	3	Horizontal	288	2.35	-	39.60	7.47	33.01
PK	15.61734G	54.02	74.00	-19.98	39.25	3	Horizontal	139	1.88	-	38.23	9.83	33.29
AV	15.62022G	39.65	54.00	-14.35	24.89	3	Horizontal	139	1.88	-	38.22	9.83	33.29

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

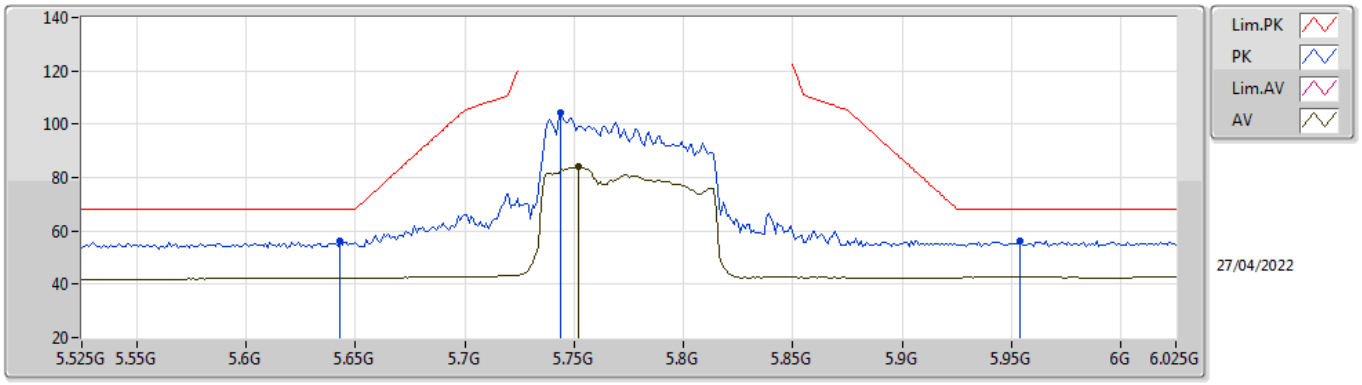


EUT Z_2TX
Setting 27
02-B-R-5-10

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	65.64	68.20	-2.56	60.38	3	Vertical	146	1.80	-	31.80	5.60	32.14
PK	5.748G	113.98	Inf	-Inf	108.52	3	Vertical	146	1.80	-	32.00	5.60	32.14
AV	5.771G	98.51	Inf	-Inf	93.06	3	Vertical	146	1.80	-	32.00	5.60	32.15
PK	5.927G	58.02	68.20	-10.18	52.24	3	Vertical	146	1.80	-	32.21	5.73	32.16

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

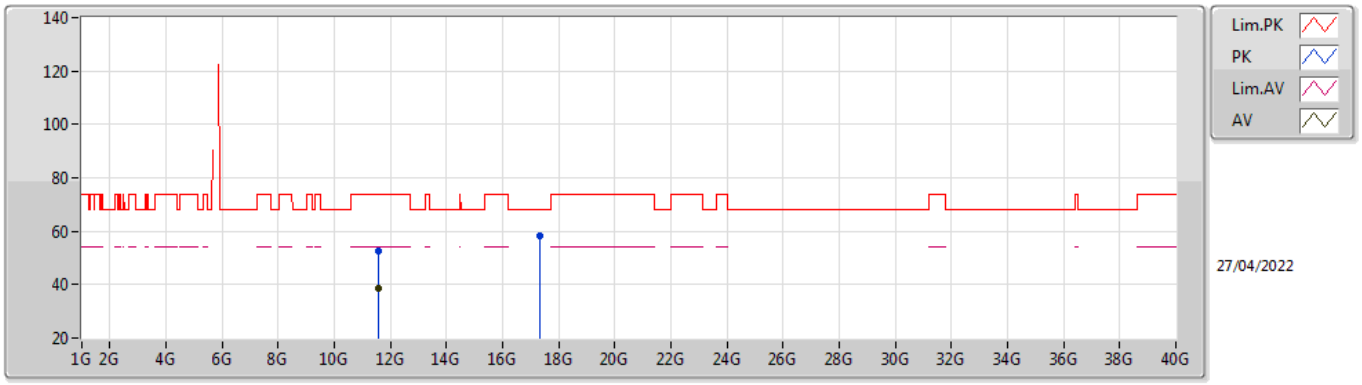


EUT Z_2TX
Setting 27
02-B-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.643G	56.08	68.20	-12.12	50.81	3	Horizontal	206	2.18	-	31.81	5.60	32.14
PK	5.744G	104.36	Inf	-Inf	98.91	3	Horizontal	206	2.18	-	31.99	5.60	32.14
AV	5.752G	84.06	Inf	-Inf	78.61	3	Horizontal	206	2.18	-	32.00	5.60	32.15
PK	5.954G	56.34	68.20	-11.86	50.46	3	Horizontal	206	2.18	-	32.29	5.75	32.16

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

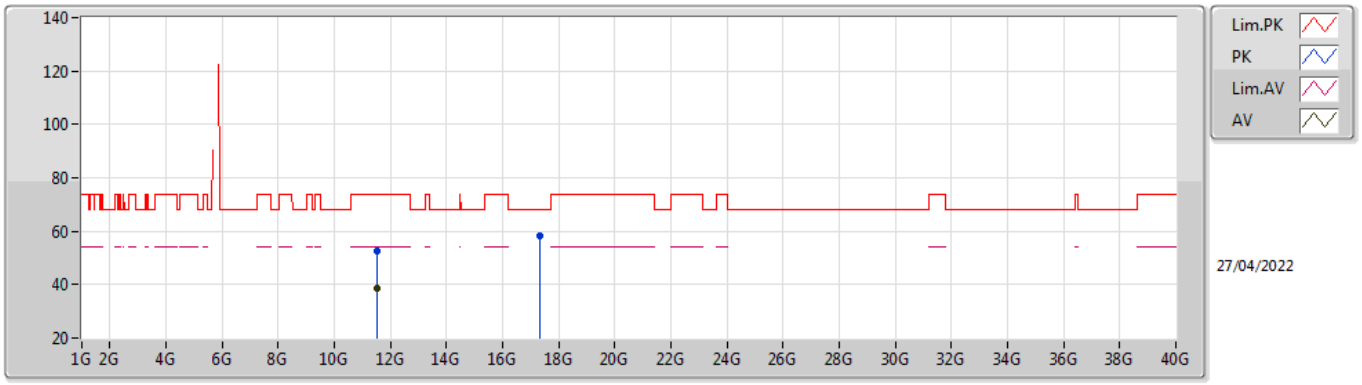


EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55402G	52.81	74.00	-21.19	38.03	3	Vertical	321	2.52	-	40.09	7.92	33.23
AV	11.5515G	38.76	54.00	-15.24	23.97	3	Vertical	321	2.52	-	40.10	7.92	33.23
PK	17.32086G	58.23	68.20	-9.97	38.53	3	Vertical	233	2.96	-	42.21	10.66	33.17

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5775MHz_TnomVnom



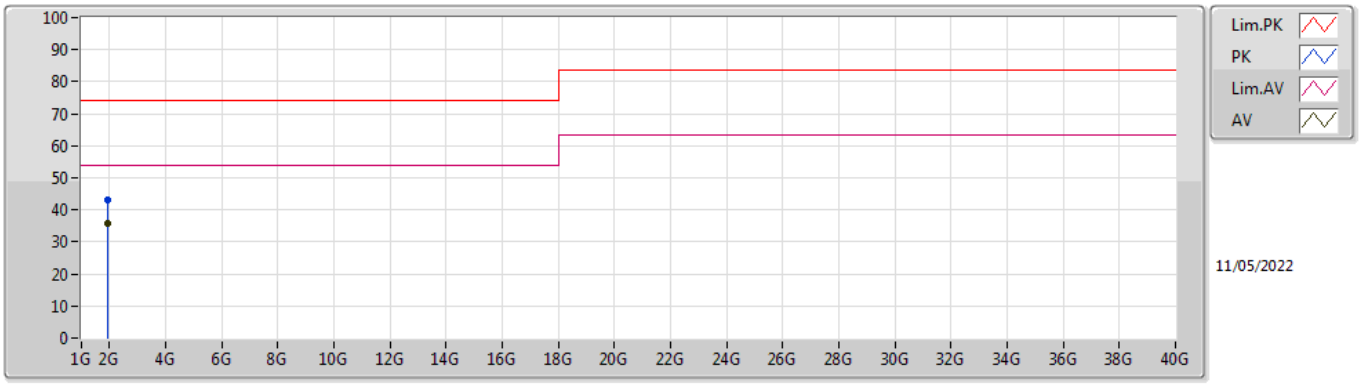
EUT Z_2TX
Setting 27
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5401G	52.48	74.00	-21.52	37.67	3	Horizontal	184	1.63	-	40.12	7.92	33.23
AV	11.53818G	38.85	54.00	-15.15	24.04	3	Horizontal	184	1.63	-	40.12	7.92	33.23
PK	17.32704G	58.24	68.20	-9.96	38.48	3	Horizontal	30	1.34	-	42.27	10.66	33.17

Summary

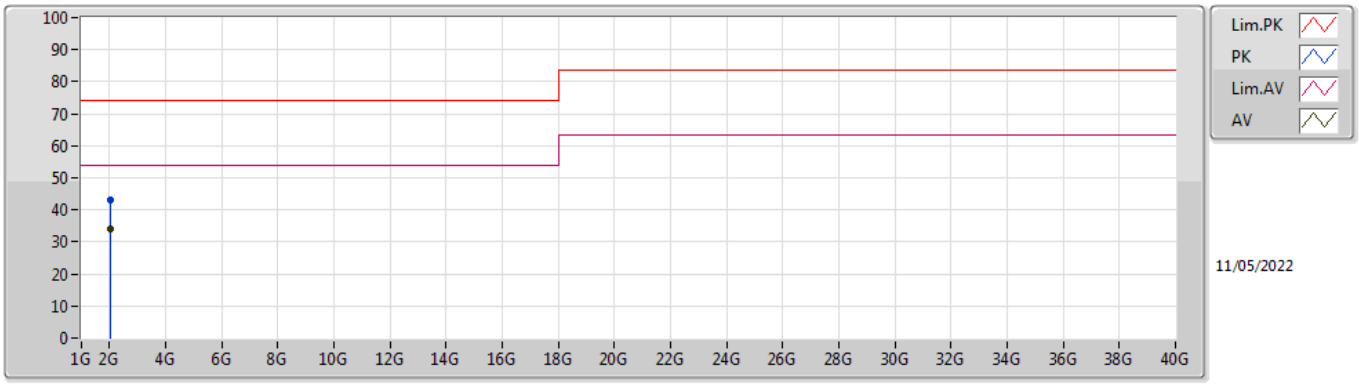
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.935G	35.88	54.00	-18.12	Vertical

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	1.935G	43.19	74.00	-30.81	-3.26	3	Vertical	137	1.18	-	46.45	29.37	4.57	37.20
AV	1.935G	35.88	54.00	-18.12	-3.26	3	Vertical	137	1.18	"Worst"	39.14	29.37	4.57	37.20

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	2.03698G	43.17	74.00	-30.83	-5.89	3	Horizontal	326	2.89	-	49.06	26.50	4.76	37.15
AV	2.03699G	34.26	54.00	-19.74	-5.89	3	Horizontal	326	2.89	"Worst"	40.15	26.50	4.76	37.15