RADIO TEST REPORT

FCC ID	:	RAXKVD21
Equipment	:	5G Gateway
Brand Name	:	T-Mobile
Model Name	:	KVD21
Applicant	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Manufacturer	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Sep. 02, 2021, and testing was started from Oct. 05, 2021 and completed on Oct. 20, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Cliff Chang

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
FR190215AB	01	Initial issue of report	Oct. 29, 2021

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Jessie Wei

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

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

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

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

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth					
1	1	1	-	Maglayers	PCA-2510-25GC6-A1	Dipole	I-PEX	Note1
2	2	2	-	Maglayers	PCA-2510-25GC6-A2	Dipole	I-PEX	
3	3	3	-	Maglayers	PCA-2510-25GC6-A3	Dipole	I-PEX	
4	4	4	-	Maglayers	PCA-2510-25GC6-A4	Dipole	I-PEX	
5	-	-	1	Maglayers	PCA-2510-2G4C6-A1	Dipole	I-PEX	

Note 1:

Ant.	Port			Antenna Gain (dBi)					
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	Bluetooth
1	1	1	-	0.92	2.86	2.91	2.39	1.9	-
2	2	2	-	3.78	3.48	4.07	4.84	5.09	-
3	3	3	-	4.13	3.52	3.1	2.85	2.93	-
4	4	4	-	3.61	1.42	2.74	3.1	2.58	-
5	-	-	1	-	-	-	-	-	4.39

Note 2: The above information was declared by manufacturer.

For WLAN 2.4GHz:

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

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

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

For WLAN 5GHz:

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

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

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

For Bluetooth (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.812	0.9	1.058m	1k
802.11ax HEW20	0.826	0.83	947.5u	3k
802.11ax HEW20-BF	0.826	0.83	947.5u	3k
802.11ax HEW40	0.824	0.84	938.75u	3k
802.11ax HEW40-BF	0.819	0.87	938.125u	3k
802.11ax HEW80	0.82	0.86	940u	3k
802.11ax HEW80-BF	0.833	0.79	938.125u	3k

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 n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	QATool.Dbg_0.0.2.29			

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	TH02-CB	Jay Lo	23.1~24.6 / 55~57	Oct. 09, 2021~ Oct. 20, 2021
Radiated below 1GHz	03CH05-CB	Kevin Huang	24.5~25.6 / 56~59	Oct. 05, 2021~ Oct. 20, 2021
Radiated above 1GHz	03CH02-CB	Kevin Huang	24.2~26.1 / 55~58	Oct. 05, 2021~ Oct. 20, 2021
	03CH06-CB	Kevin Huang	24.4~25.5 / 55~58	Oct. 05, 2021~ Oct. 20, 2021
Radiated Co-Location	03CH05-CB	Kevin Huang	24.5~25.6 / 56~59	Oct. 05, 2021~ Oct. 20, 2021
AC Conduction	CO01-CB	Peter Wu	21~23 / 55~57	Oct. 20, 2021

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

<For Non-beamforming mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	17
5200MHz	17
5240MHz	16.5
5745MHz	17
5785MHz	18
5825MHz	16.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	17.5
5200MHz	17.5
5240MHz	17
5745MHz	18.5
5785MHz	18
5825MHz	18
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	14
5230MHz	17.5
5755MHz	19.5
5795MHz	18.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	12
5775MHz	16

<For Beamforming mode>

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	17.5
5200MHz	17.5
5240MHz	17
5745MHz	16.5
5785MHz	16
5825MHz	15.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	14
5230MHz	17.5
5755MHz	17
5795MHz	17
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	12
5775MHz	16

Note1: Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
Note2: The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT + Adapter – WLAN 2.4GHz
2	EUT + Adapter – WLAN 5GHz
3	EUT + Adapter – Bluetooth
For operating mode 1 is the worst case and it was record in this test report.	

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth + WWAN
Refer to Sporton Test Report No.: FA190215 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	LUCENT TRANS	1A78	INPUT: 100-240V~1.2A, 50/60Hz OUTPUT: 5.0V, 3.0A, 15.0W 9.0V, 3.0A, 27.0W 15.0V, 3.0A, 45.0W

2.5 Support Equipment

For AC Conduction:

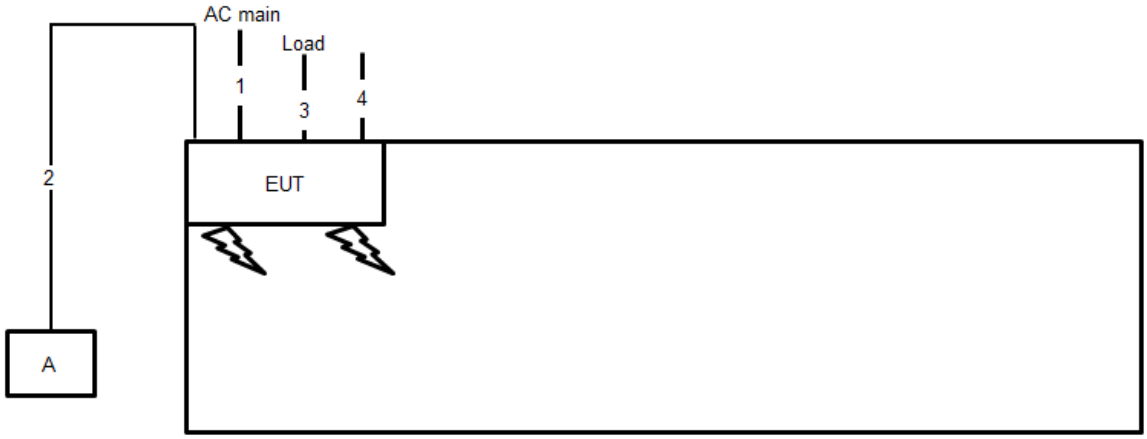
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A

For Radiated and RF Conducted:

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

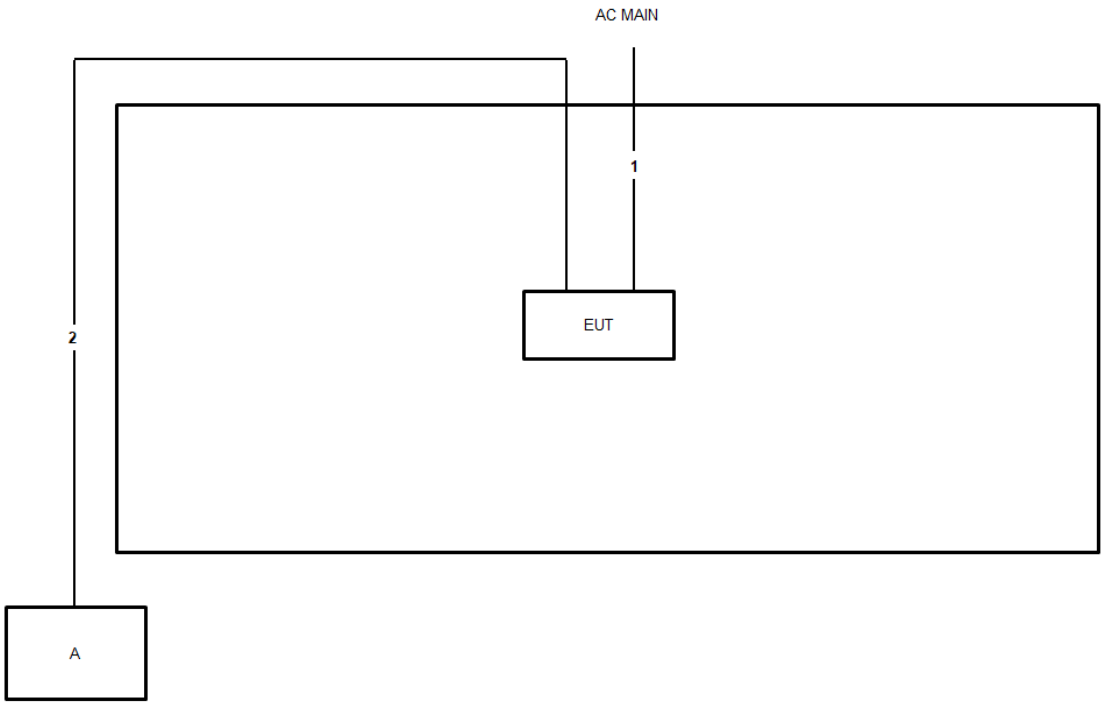
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	Yes	1.9m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	USB Type C cable	Yes	1.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	Yes	1.9m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

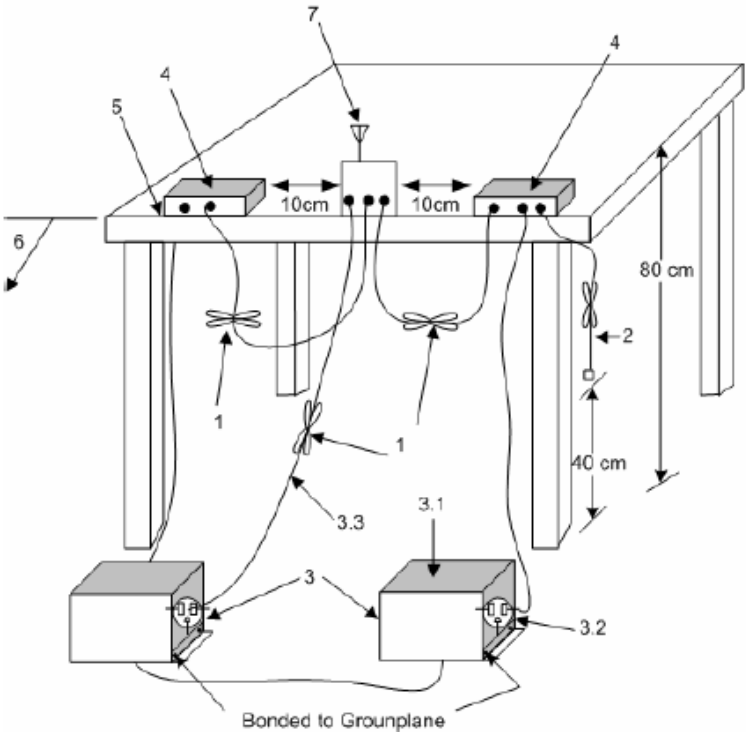
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☐ For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐ For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
☐ For the 5.85-5.895 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices
☐ For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

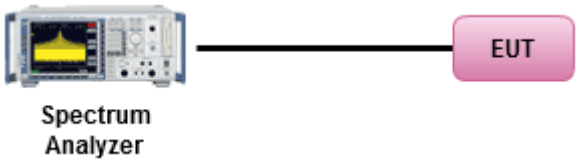
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum 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.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the

	lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum 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.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	

power shall be used to determine the power spectral density. And power spectral density in dBm/MHz
G_{TX} = the maximum transmitting antenna directional gain in dBi.

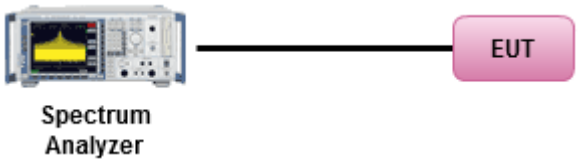
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	[duty cycle ≥ 98% or external video / power trigger]	
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of 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.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an

	e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

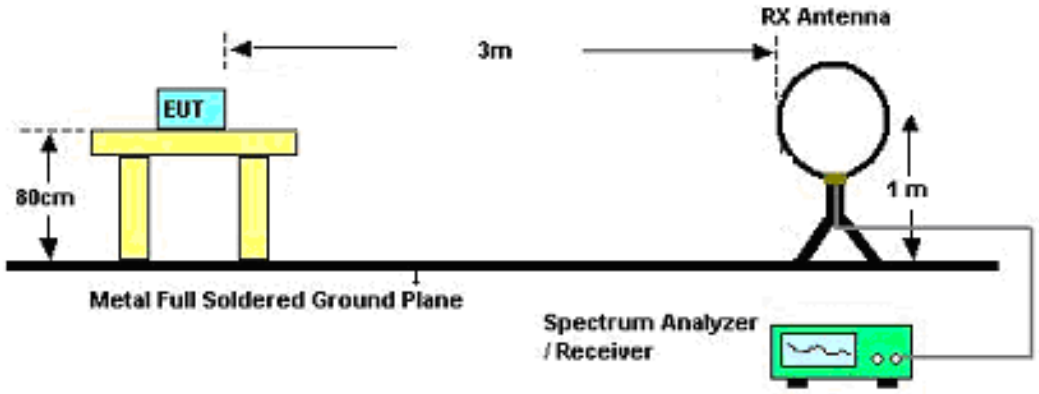
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.	
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			

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

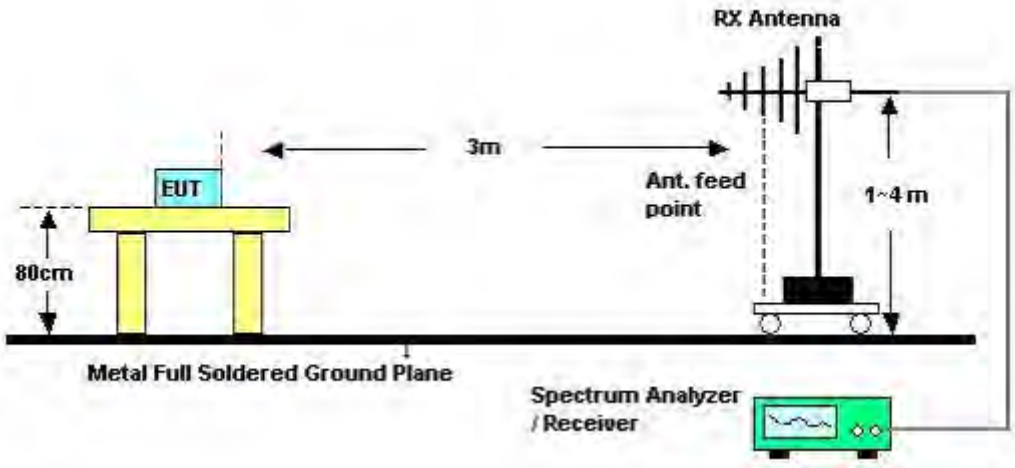
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

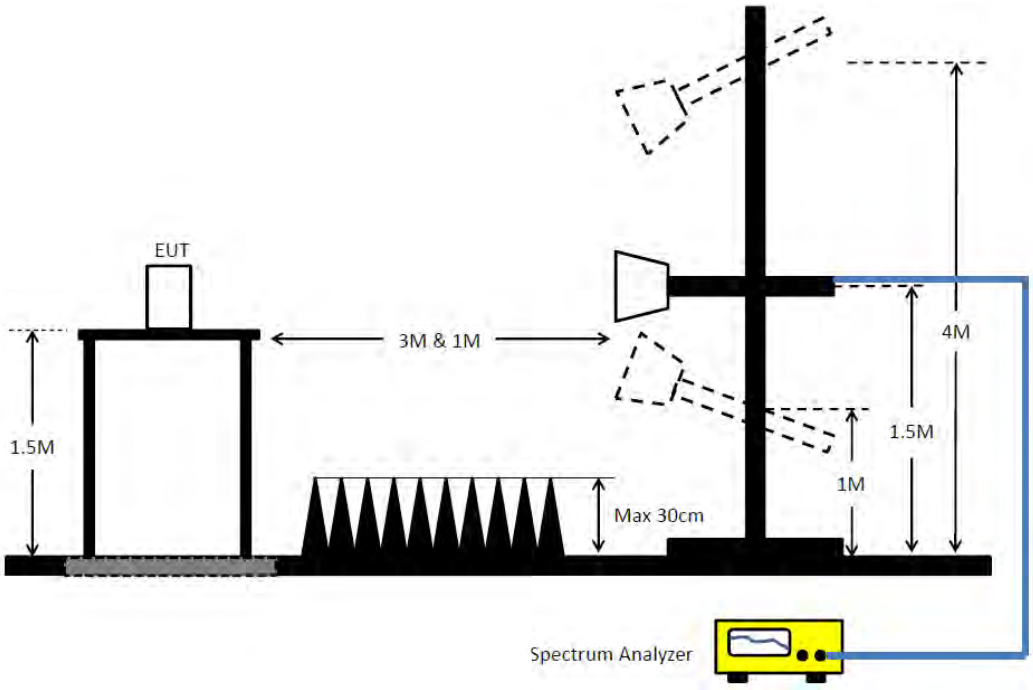
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 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)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 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	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 01, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 02, 2021	Aug. 01, 2022	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

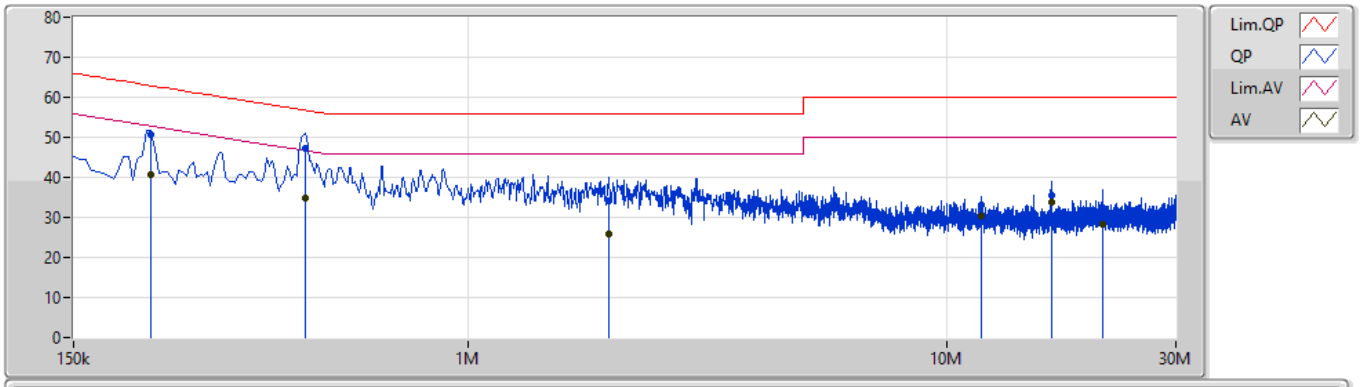
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	451.5k	43.78	46.84	-3.06	Neutral

Mode 1

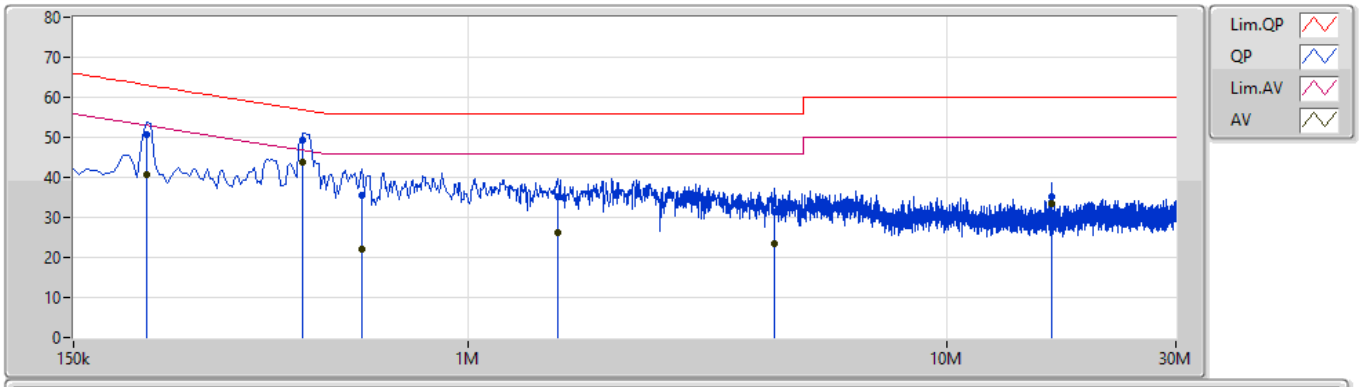
20/10/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	50.59	62.92	-12.33	9.89	Line	-	40.70	0.04	0.04	9.81
AV	217.5k	40.73	52.92	-12.19	9.89	Line	-	30.84	0.04	0.04	9.81
QP	456k	47.35	56.76	-9.41	9.90	Line	"Worst"	37.45	0.04	0.04	9.82
AV	456k	34.91	46.76	-11.85	9.90	Line	-	25.01	0.04	0.04	9.82
QP	1.964M	34.07	56.00	-21.93	9.98	Line	-	24.09	0.09	0.07	9.82
AV	1.964M	26.02	46.00	-19.98	9.98	Line	-	16.04	0.09	0.07	9.82
QP	11.76M	33.05	60.00	-26.95	10.30	Line	-	22.75	0.24	0.16	9.90
AV	11.76M	30.26	50.00	-19.74	10.30	Line	-	19.96	0.24	0.16	9.90
QP	16.467M	35.35	60.00	-24.65	10.42	Line	-	24.93	0.29	0.19	9.94
AV	16.467M	33.67	50.00	-16.33	10.42	Line	-	23.25	0.29	0.19	9.94
QP	21.17M	31.59	60.00	-28.41	10.57	Line	-	21.02	0.33	0.24	10.00
AV	21.17M	28.18	50.00	-21.82	10.57	Line	-	17.61	0.33	0.24	10.00

Mode 1

20/10/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	213k	50.60	63.09	-12.49	9.88	Neutral	-	40.72	0.03	0.04	9.81
AV	213k	40.71	53.09	-12.38	9.88	Neutral	-	30.83	0.03	0.04	9.81
QP	451.5k	49.40	56.84	-7.44	9.89	Neutral	-	39.51	0.03	0.04	9.82
AV	451.5k	43.78	46.84	-3.06	9.89	Neutral	"Worst"	33.89	0.03	0.04	9.82
QP	600k	35.47	56.00	-20.53	9.90	Neutral	-	25.57	0.04	0.04	9.82
AV	600k	21.93	46.00	-24.07	9.90	Neutral	-	12.03	0.04	0.04	9.82
QP	1.536M	35.16	56.00	-20.84	9.94	Neutral	-	25.22	0.06	0.06	9.82
AV	1.536M	26.24	46.00	-19.76	9.94	Neutral	-	16.30	0.06	0.06	9.82
QP	4.362M	31.54	56.00	-24.46	10.10	Neutral	-	21.44	0.11	0.12	9.87
AV	4.362M	23.59	46.00	-22.41	10.10	Neutral	-	13.49	0.11	0.12	9.87
QP	16.467M	35.22	60.00	-24.78	10.39	Neutral	-	24.83	0.26	0.19	9.94
AV	16.467M	33.57	50.00	-16.43	10.39	Neutral	-	23.18	0.26	0.19	9.94

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.13M	16.702M	16M7D1D	19.8M	16.462M
802.11ax HEW20_Nss1,(MCS0)_4TX	27M	18.981M	19M0D1D	19.98M	18.771M
802.11ax HEW40_Nss1,(MCS0)_4TX	45.24M	38.021M	38M0D1D	39.42M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.28M	76.762M	76M8D1D	80.04M	76.642M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.12M	18.621M	18M6D1D	14.94M	16.732M
802.11ax HEW20_Nss1,(MCS0)_4TX	16.65M	19.91M	19M9D1D	15.03M	19.19M
802.11ax HEW40_Nss1,(MCS0)_4TX	35.22M	43.838M	43M8D1D	33.06M	38.441M
802.11ax HEW80_Nss1,(MCS0)_4TX	75.12M	77.841M	77M8D1D	72.48M	77.481M

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

Result

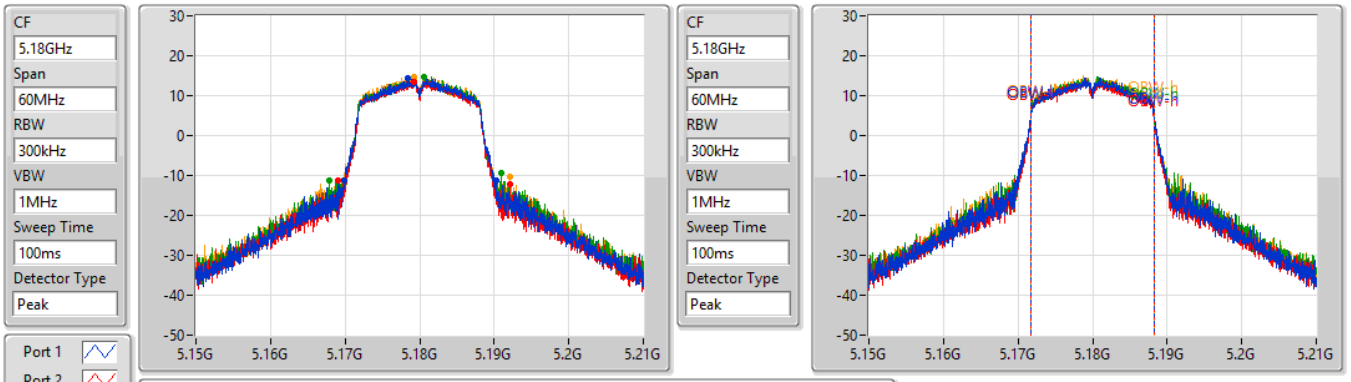
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.34M	16.642M	22.95M	16.552M	23.13M	16.522M	22.38M	16.492M
5200MHz	Pass	Inf	20.37M	16.702M	20.58M	16.552M	20.61M	16.522M	19.8M	16.462M
5240MHz	Pass	Inf	20.37M	16.672M	20.37M	16.492M	20.79M	16.522M	21.6M	16.522M
5745MHz	Pass	500k	15M	17.091M	15M	16.852M	15.12M	17.181M	14.94M	16.732M
5785MHz	Pass	500k	15.09M	17.511M	15.09M	17.151M	15.09M	18.621M	15.06M	17.421M
5825MHz	Pass	500k	15.03M	17.061M	15.06M	16.792M	15.06M	16.912M	15.06M	16.762M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.32M	18.951M	23.58M	18.921M	23.19M	18.981M	24.27M	18.951M
5200MHz	Pass	Inf	25.35M	18.981M	22.86M	18.951M	25.08M	18.951M	27M	18.951M
5240MHz	Pass	Inf	23.04M	18.801M	21.33M	18.771M	20.37M	18.801M	19.98M	18.801M
5745MHz	Pass	500k	15.66M	19.46M	15.06M	19.31M	15.12M	19.91M	15.06M	19.31M
5785MHz	Pass	500k	16.65M	19.25M	15.57M	19.19M	15.06M	19.46M	15.36M	19.22M
5825MHz	Pass	500k	15.12M	19.37M	15.09M	19.22M	15.03M	19.49M	15.33M	19.22M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.48M	37.661M	39.54M	37.601M	39.6M	37.661M	39.42M	37.601M
5230MHz	Pass	Inf	41.22M	38.021M	39.54M	37.841M	45.24M	37.901M	44.34M	37.901M
5755MHz	Pass	500k	33.84M	40.3M	35.1M	39.28M	33.06M	43.838M	35.04M	39.1M
5795MHz	Pass	500k	33.78M	38.621M	35.04M	38.501M	35.22M	38.981M	33.78M	38.441M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.28M	76.642M	80.28M	76.762M	80.04M	76.762M	80.28M	76.642M
5775MHz	Pass	500k	72.48M	77.601M	75M	77.481M	75M	77.841M	75.12M	77.601M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

10/10/2021

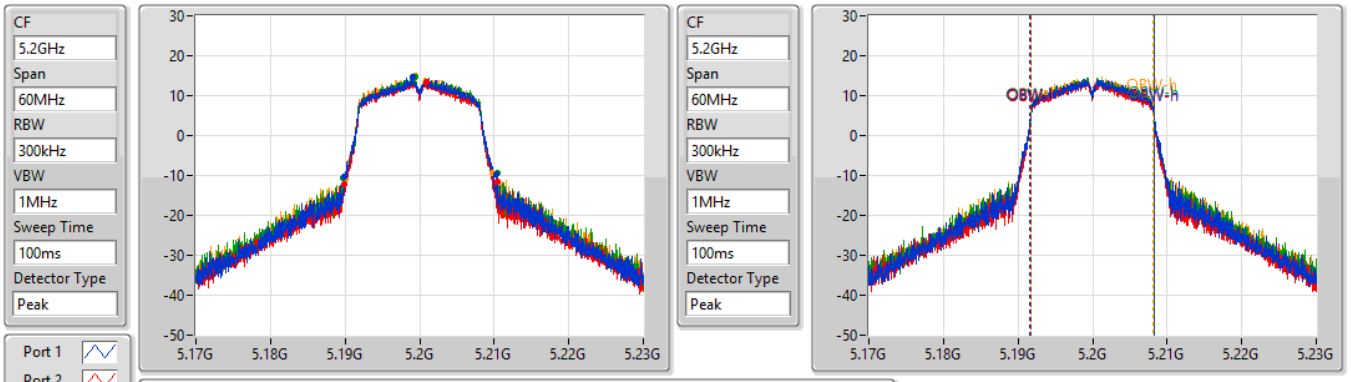


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.16995G	5.19029G	16.642M	5.171664G	5.188306G	Inf	1
22.95M	5.16911G	5.19206G	16.552M	5.171694G	5.188246G	Inf	2
23.13M	5.16782G	5.19095G	16.522M	5.171724G	5.188246G	Inf	3
22.38M	5.1698G	5.19218G	16.492M	5.171724G	5.188216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

10/10/2021

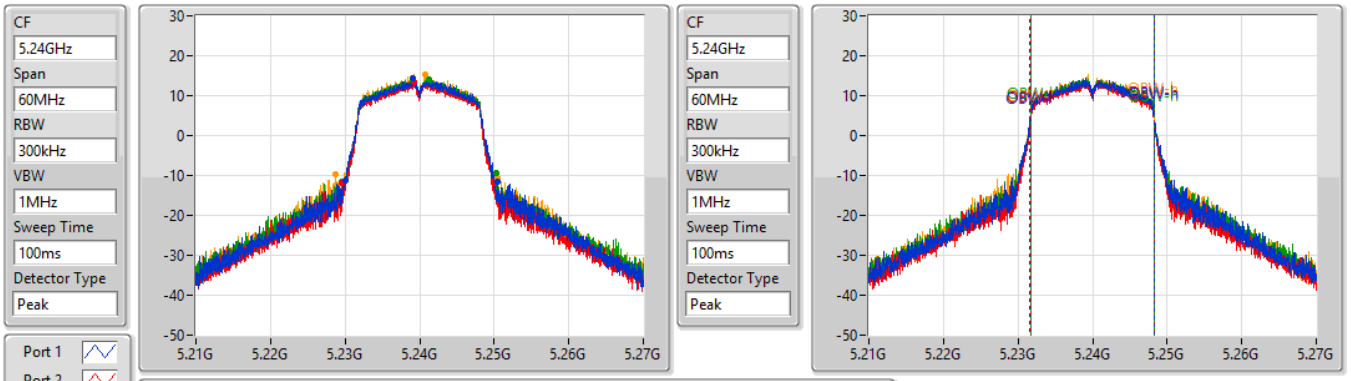


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.18989G	5.21026G	16.702M	5.191634G	5.208336G	Inf	1
20.58M	5.18989G	5.21047G	16.552M	5.191694G	5.208246G	Inf	2
20.61M	5.1898G	5.21041G	16.522M	5.191724G	5.208246G	Inf	3
19.8M	5.18998G	5.20978G	16.462M	5.191724G	5.208186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

10/10/2021

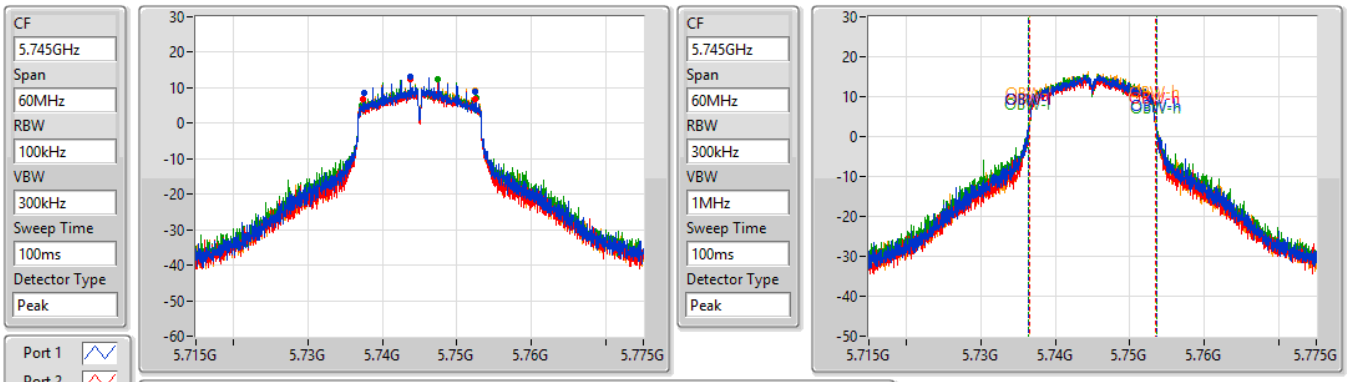


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.23001G	5.25038G	16.672M	5.231634G	5.248306G	Inf	1
20.37M	5.22956G	5.24993G	16.492M	5.231724G	5.248216G	Inf	2
20.79M	5.2295G	5.25029G	16.522M	5.231724G	5.248246G	Inf	3
21.6M	5.22878G	5.25038G	16.522M	5.231694G	5.248216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

20/10/2021

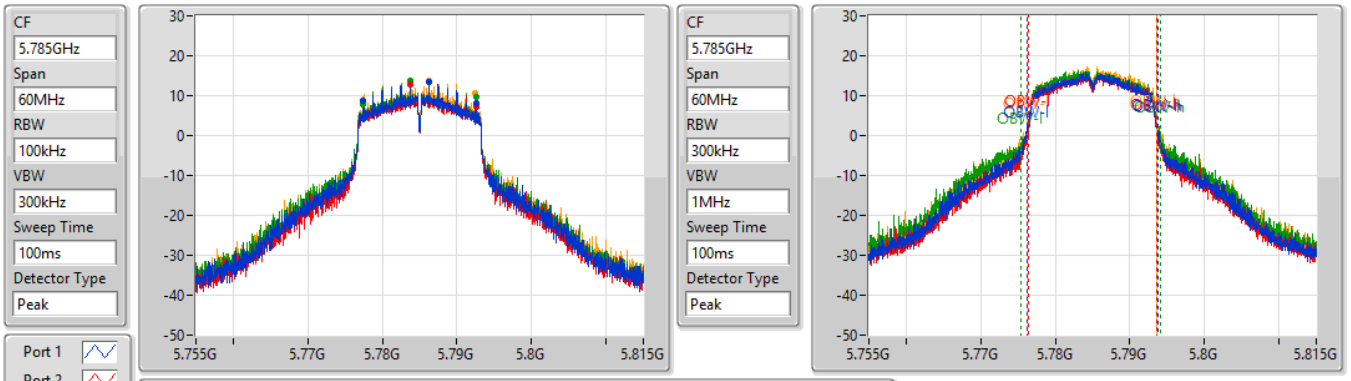


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	5.7375G	5.7525G	17.091M	5.736454G	5.753546G	500k	1
15M	5.73744G	5.75244G	16.852M	5.736574G	5.753426G	500k	2
15.12M	5.73744G	5.75256G	17.181M	5.736394G	5.753576G	500k	3
14.94M	5.73753G	5.75247G	16.732M	5.736634G	5.753366G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

20/10/2021

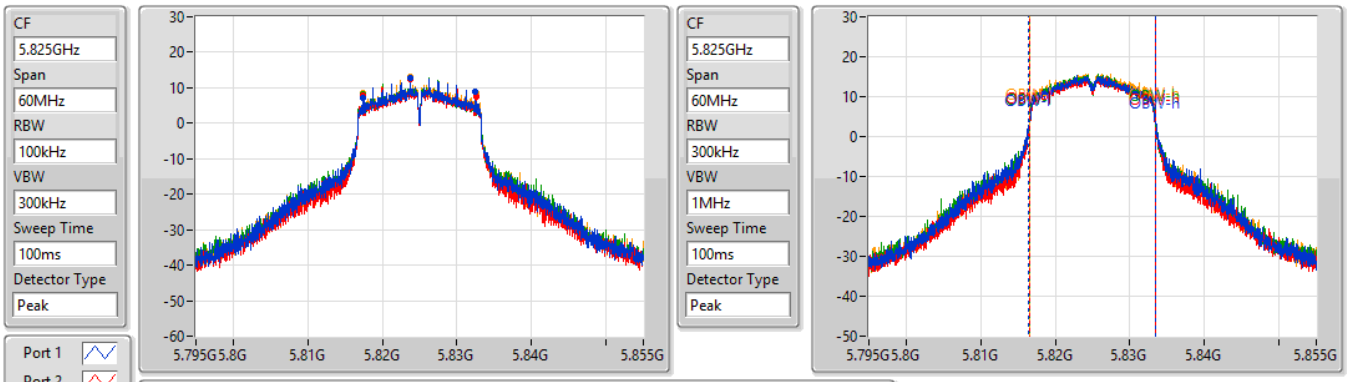


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.77747G	5.79256G	17.511M	5.776184G	5.793696G	500k	1
15.09M	5.77747G	5.79256G	17.151M	5.776424G	5.793576G	500k	2
15.09M	5.77744G	5.79253G	18.621M	5.775465G	5.794085G	500k	3
15.06M	5.77744G	5.7925G	17.421M	5.776214G	5.793636G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

20/10/2021

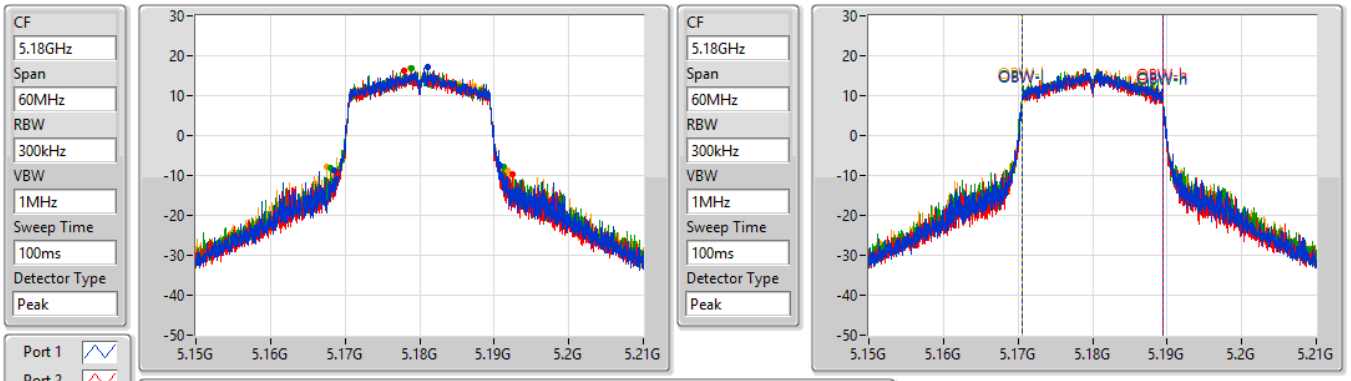


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.03M	5.81747G	5.8325G	17.061M	5.816454G	5.833516G	500k	1
15.06M	5.81747G	5.83253G	16.792M	5.816604G	5.833396G	500k	2
15.06M	5.81747G	5.83253G	16.912M	5.816514G	5.833426G	500k	3
15.06M	5.81747G	5.83253G	16.762M	5.816604G	5.833366G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

10/10/2021

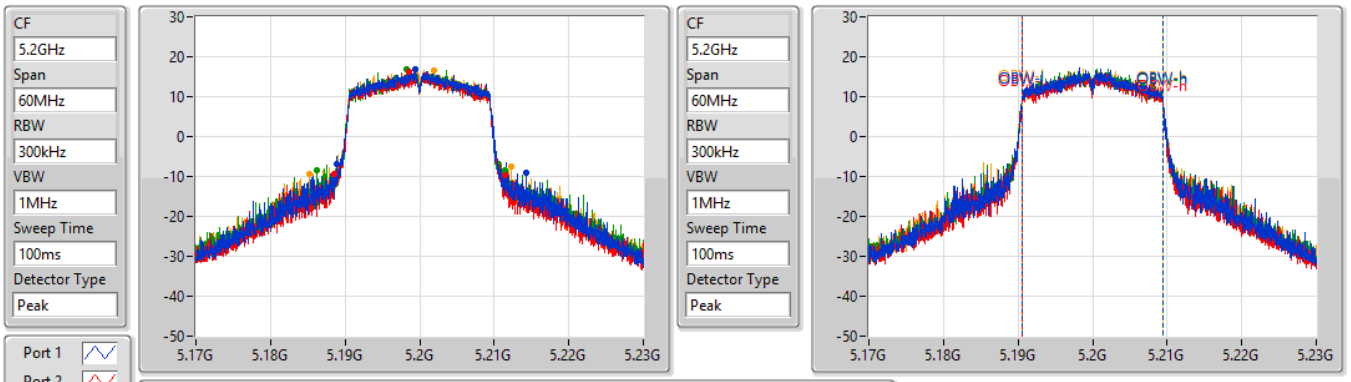


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.32M	5.16851G	5.19083G	18.951M	5.170525G	5.189475G	Inf	1
23.58M	5.16887G	5.19245G	18.921M	5.170525G	5.189445G	Inf	2
23.19M	5.16809G	5.19128G	18.981M	5.170495G	5.189475G	Inf	3
24.27M	5.16749G	5.19176G	18.951M	5.170495G	5.189445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

10/10/2021

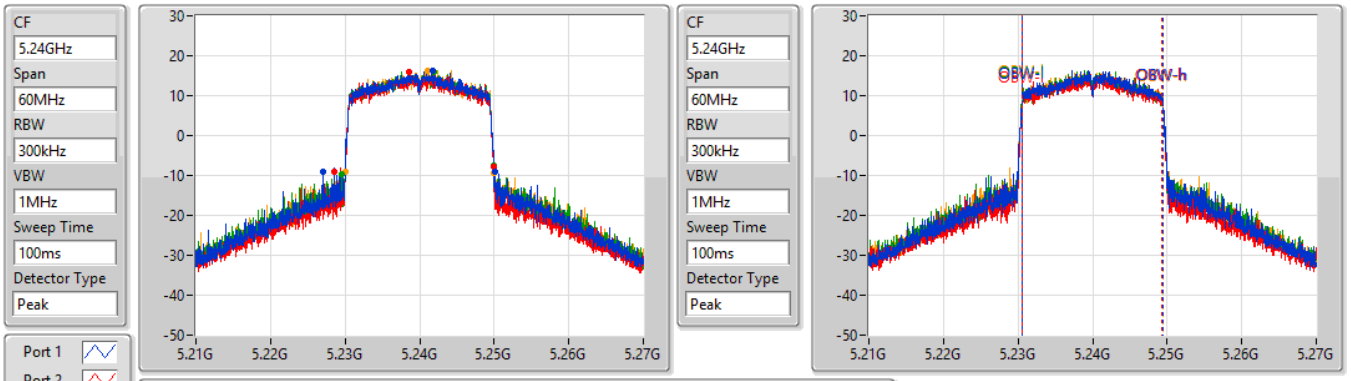


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.35M	5.1889G	5.21425G	18.981M	5.190495G	5.209475G	Inf	1
22.86M	5.18851G	5.21137G	18.951M	5.190495G	5.209445G	Inf	2
25.08M	5.18629G	5.21137G	18.951M	5.190495G	5.209445G	Inf	3
27M	5.18521G	5.21221G	18.951M	5.190495G	5.209445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

10/10/2021

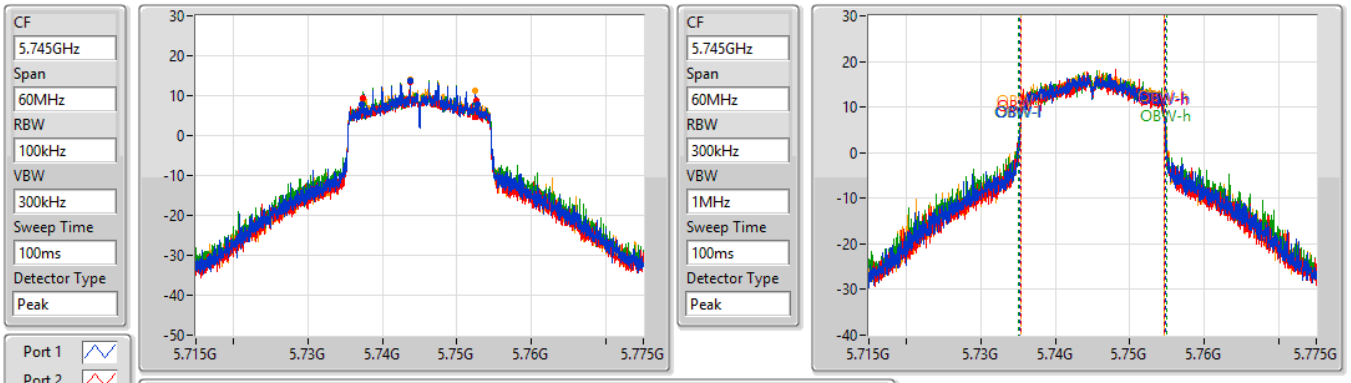


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.04M	5.22707G	5.25011G	18.801M	5.230585G	5.249385G	Inf	1
21.33M	5.2286G	5.24993G	18.771M	5.230585G	5.249355G	Inf	2
20.37M	5.22962G	5.24999G	18.801M	5.230555G	5.249355G	Inf	3
19.98M	5.23001G	5.24999G	18.801M	5.230585G	5.249385G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

20/10/2021

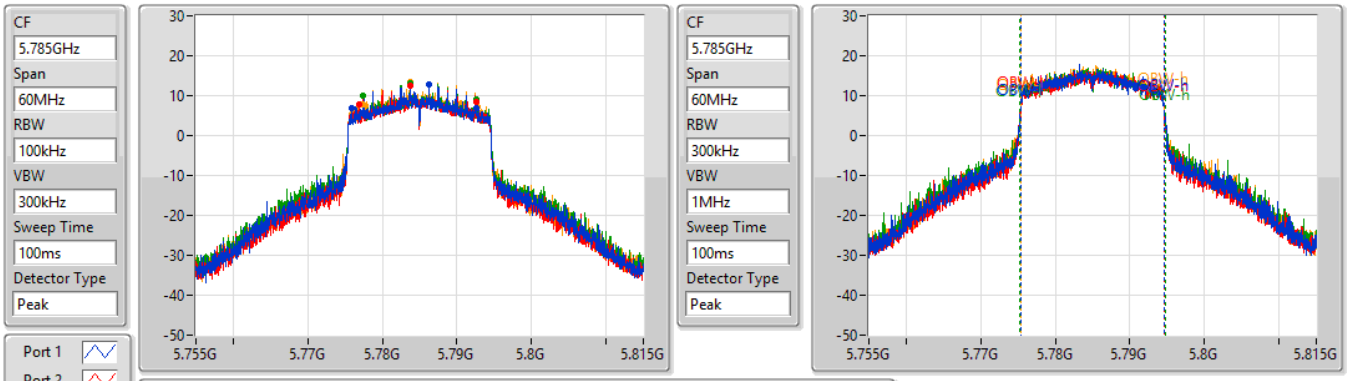


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.66M	5.73717G	5.75283G	19.46M	5.735285G	5.754745G	500k	1
15.06M	5.73747G	5.75253G	19.31M	5.735345G	5.754655G	500k	2
15.12M	5.73741G	5.75253G	19.91M	5.735045G	5.754955G	500k	3
15.06M	5.73744G	5.7525G	19.31M	5.735315G	5.754625G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

20/10/2021

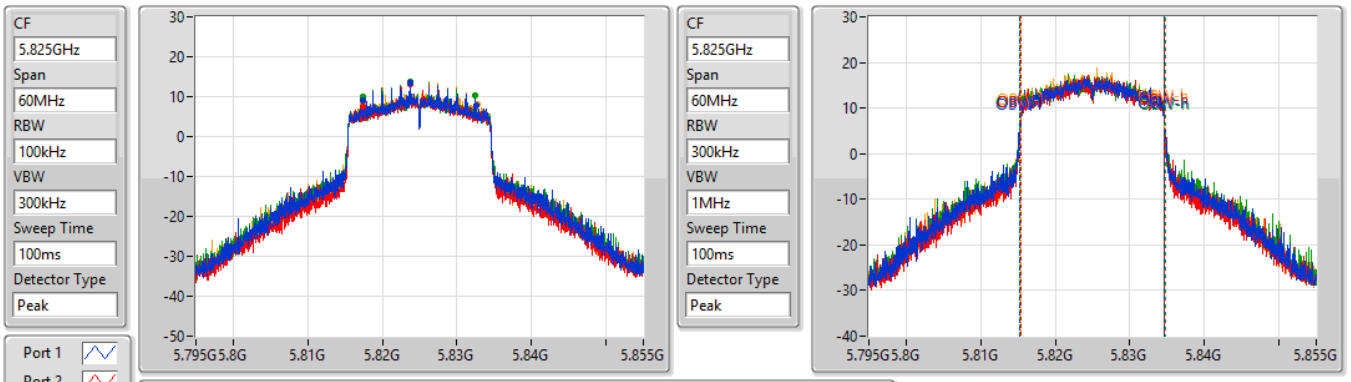


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.65M	5.77594G	5.79259G	19.25M	5.775345G	5.794595G	500k	1
15.57M	5.77696G	5.79253G	19.19M	5.775375G	5.794565G	500k	2
15.06M	5.77747G	5.79253G	19.46M	5.775255G	5.794715G	500k	3
15.36M	5.77738G	5.79274G	19.22M	5.775375G	5.794595G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

20/10/2021

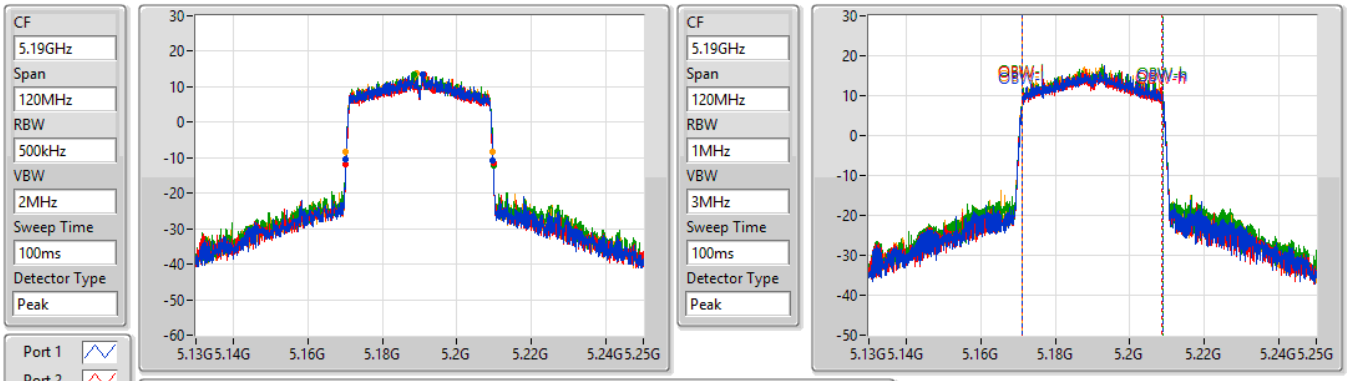


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.12M	5.81744G	5.83256G	19.37M	5.815285G	5.834655G	500k	1
15.09M	5.81744G	5.83253G	19.22M	5.815375G	5.834595G	500k	2
15.03M	5.81747G	5.8325G	19.49M	5.815255G	5.834745G	500k	3
15.33M	5.81741G	5.83274G	19.22M	5.815375G	5.834595G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

10/10/2021

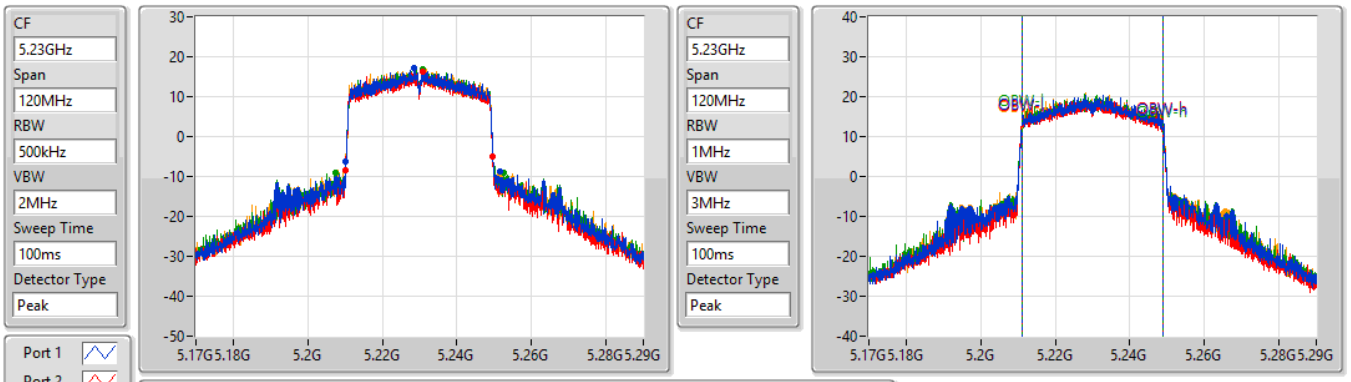


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.48M	5.1702G	5.20968G	37.661M	5.171169G	5.208831G	Inf	1
39.54M	5.1702G	5.20974G	37.601M	5.171109G	5.208711G	Inf	2
39.6M	5.17014G	5.20974G	37.661M	5.171169G	5.208831G	Inf	3
39.42M	5.17026G	5.20968G	37.601M	5.171169G	5.208771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

10/10/2021

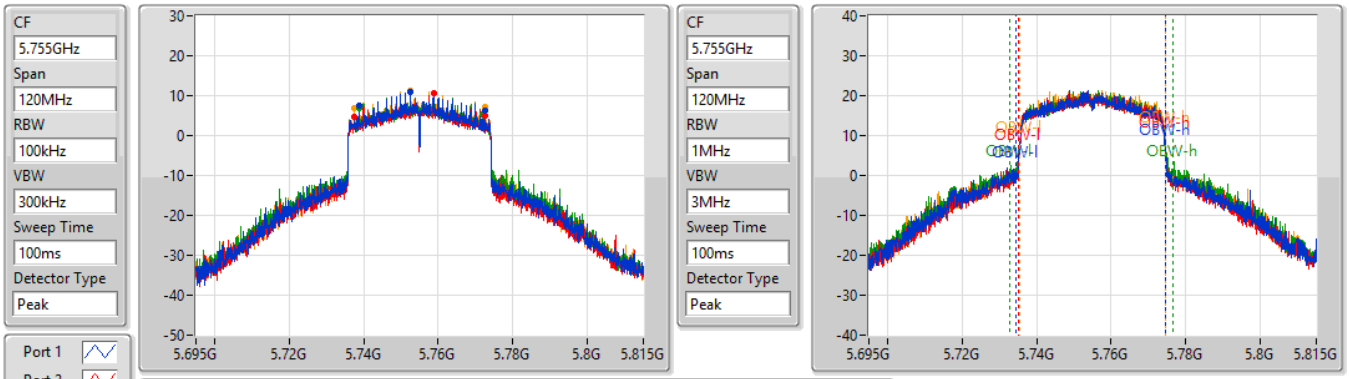


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.2102G	5.25142G	38.021M	5.21099G	5.24901G	Inf	1
39.54M	5.21014G	5.24968G	37.841M	5.21099G	5.248831G	Inf	2
45.24M	5.20744G	5.25268G	37.901M	5.211049G	5.248951G	Inf	3
44.34M	5.20744G	5.25178G	37.901M	5.211049G	5.248951G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

20/10/2021

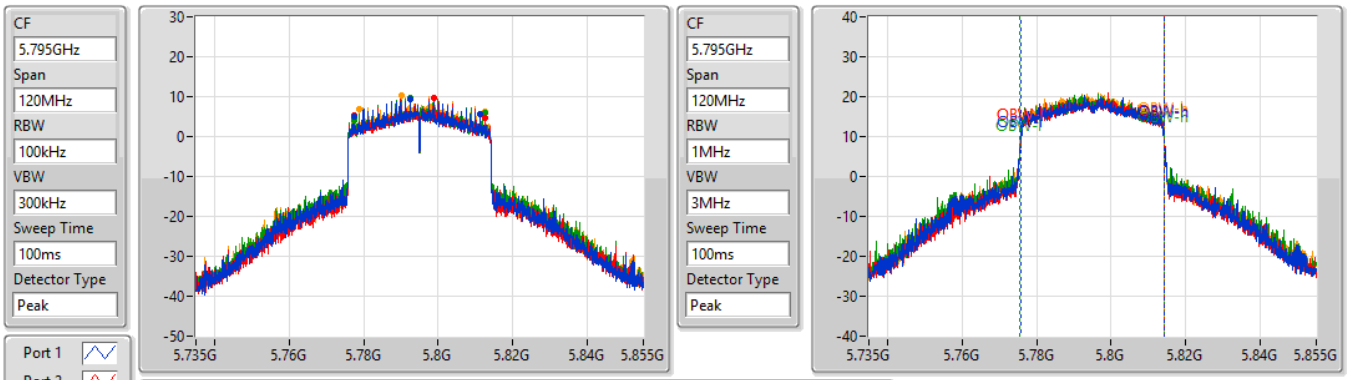


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.84M	5.73868G	5.77252G	40.3M	5.73437G	5.77467G	500k	1
35.1M	5.73742G	5.77252G	39.28M	5.73521G	5.77449G	500k	2
33.06M	5.73874G	5.7718G	43.838M	5.732871G	5.776709G	500k	3
35.04M	5.73748G	5.77252G	39.1M	5.73533G	5.77443G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

20/10/2021

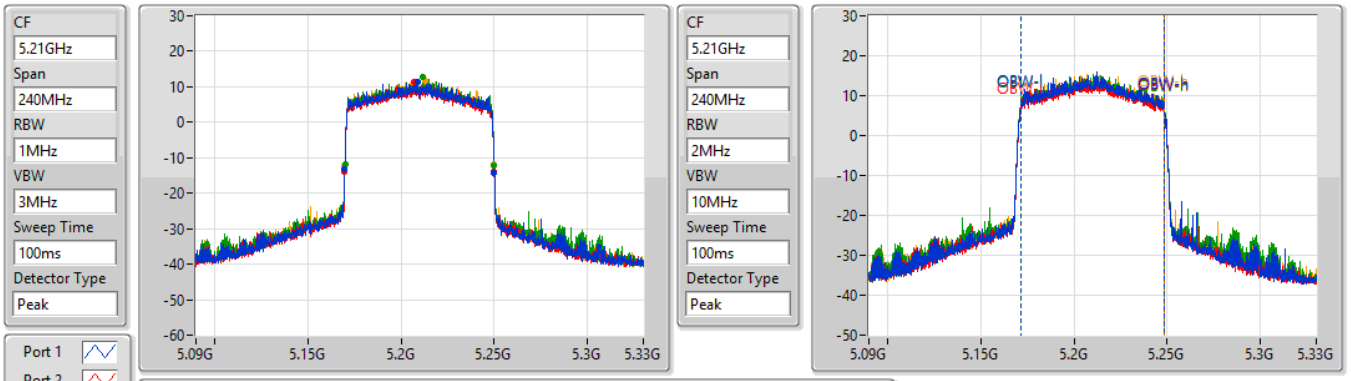


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.78M	5.77748G	5.81126G	38.621M	5.77563G	5.81425G	500k	1
35.04M	5.77748G	5.81252G	38.501M	5.77569G	5.81419G	500k	2
35.22M	5.7773G	5.81252G	38.981M	5.77539G	5.81437G	500k	3
33.78M	5.77874G	5.81252G	38.441M	5.77575G	5.81419G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

10/10/2021

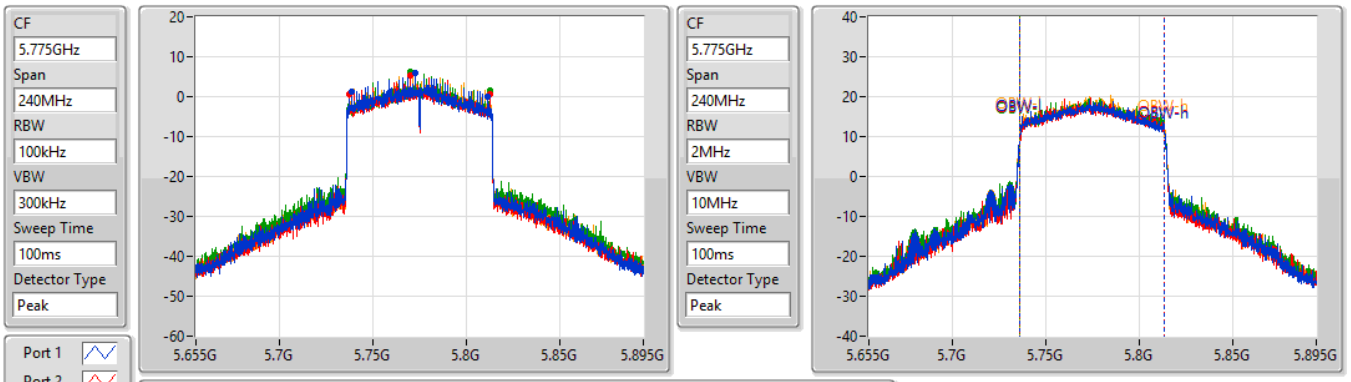


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.28M	5.1698G	5.25008G	76.642M	5.171619G	5.248261G	Inf	1
80.28M	5.1698G	5.25008G	76.762M	5.171499G	5.248261G	Inf	2
80.04M	5.16992G	5.24996G	76.762M	5.171499G	5.248261G	Inf	3
80.28M	5.1698G	5.25008G	76.642M	5.171499G	5.248141G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

20/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.48M	5.73876G	5.81124G	77.601M	5.736019G	5.813621G	500k	1
75M	5.73744G	5.81244G	77.481M	5.736139G	5.813621G	500k	2
75M	5.73744G	5.81244G	77.841M	5.7359G	5.813741G	500k	3
75.12M	5.73744G	5.81256G	77.601M	5.736139G	5.813741G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.30	0.67608
802.11ax HEW20_Nss1,(MCS0)_4TX	28.86	0.76913
802.11ax HEW40_Nss1,(MCS0)_4TX	29.00	0.79433
802.11ax HEW80_Nss1,(MCS0)_4TX	23.41	0.21928
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.24	0.83946
802.11ax HEW20_Nss1,(MCS0)_4TX	29.60	0.91201
802.11ax HEW40_Nss1,(MCS0)_4TX	29.78	0.95060
802.11ax HEW80_Nss1,(MCS0)_4TX	27.41	0.55081

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.52	22.18	21.69	22.27	22.47	28.18	30.00
5200MHz	Pass	3.52	21.95	21.42	22.04	22.34	27.97	30.00
5240MHz	Pass	3.52	22.44	21.73	22.36	22.56	28.30	30.00
5745MHz	Pass	5.09	22.58	22.13	22.77	22.92	28.63	30.00
5785MHz	Pass	5.09	23.03	22.71	23.35	23.73	29.24	30.00
5825MHz	Pass	5.09	22.45	22.18	22.59	22.88	28.55	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.52	22.84	22.38	22.95	23.14	28.86	30.00
5200MHz	Pass	3.52	22.55	21.97	22.65	22.88	28.55	30.00
5240MHz	Pass	3.52	22.65	21.87	22.63	22.83	28.53	30.00
5745MHz	Pass	5.09	23.35	23.14	23.57	23.92	29.53	30.00
5785MHz	Pass	5.09	22.52	22.48	22.88	23.39	28.85	30.00
5825MHz	Pass	5.09	23.49	23.31	23.6	23.88	29.60	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.52	19.37	18.98	19.64	19.69	25.45	30.00
5230MHz	Pass	3.52	22.87	22.59	23.20	23.22	29.00	30.00
5755MHz	Pass	5.09	23.69	23.51	23.85	23.98	29.78	30.00
5795MHz	Pass	5.09	22.61	22.58	23.04	23.44	28.95	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.52	17.45	16.86	17.63	17.59	23.41	30.00
5775MHz	Pass	5.09	21.20	21.02	21.53	21.77	27.41	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.86	0.76913
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.00	0.79433
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.41	0.21928
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.88	0.61376
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.80	0.60256
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.41	0.55081

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.53	22.84	22.38	22.95	23.14	28.86	29.47
5200MHz	Pass	6.53	22.55	21.97	22.65	22.88	28.55	29.47
5240MHz	Pass	6.53	22.65	21.87	22.63	22.83	28.53	29.47
5745MHz	Pass	8.10	21.63	21.39	22.09	22.20	27.86	27.90
5785MHz	Pass	8.10	21.67	21.46	22.07	22.21	27.88	27.90
5825MHz	Pass	8.10	21.67	21.29	21.75	22.07	27.72	27.90
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.53	19.37	18.98	19.64	19.69	25.45	29.47
5230MHz	Pass	6.53	22.87	22.59	23.2	23.22	29.00	29.47
5755MHz	Pass	8.10	21.78	21.15	22.02	22.11	27.80	27.90
5795MHz	Pass	8.10	21.26	21.05	21.79	21.95	27.55	27.90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.53	17.45	16.86	17.63	17.59	23.41	29.47
5775MHz	Pass	8.10	21.2	21.02	21.53	21.77	27.41	27.90

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.35
802.11ax HEW20_Nss1,(MCS0)_4TX	16.26
802.11ax HEW40_Nss1,(MCS0)_4TX	13.62
802.11ax HEW80_Nss1,(MCS0)_4TX	4.95
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.25
802.11ax HEW20_Nss1,(MCS0)_4TX	15.41
802.11ax HEW40_Nss1,(MCS0)_4TX	13.32
802.11ax HEW80_Nss1,(MCS0)_4TX	8.16

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

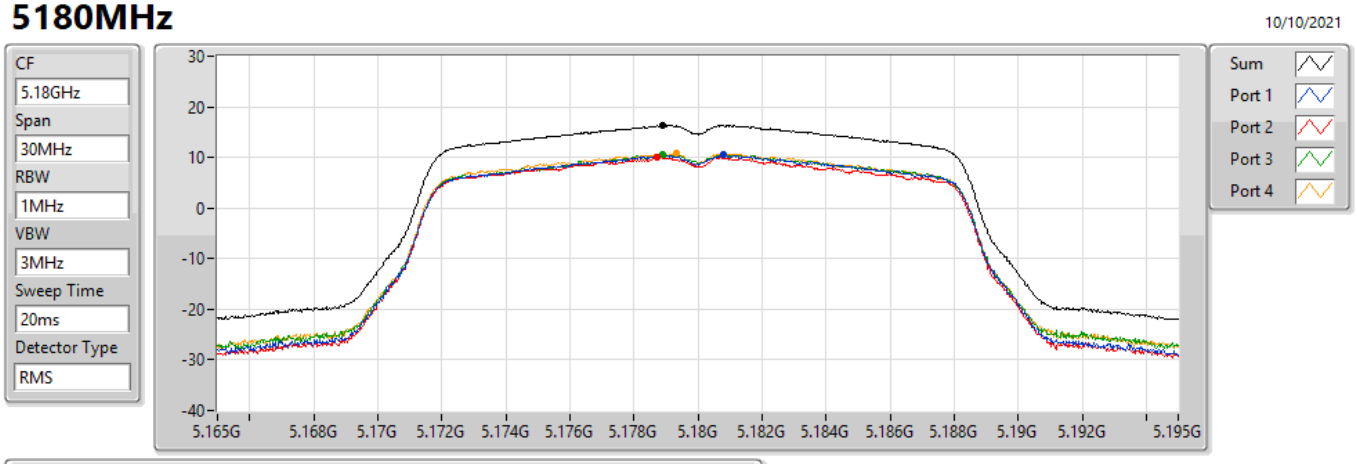
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.53	10.49	10.12	10.47	10.73	16.35	16.47
5200MHz	Pass	6.53	10.28	9.76	10.44	10.62	16.16	16.47
5240MHz	Pass	6.53	10.06	9.93	10.37	10.63	16.10	16.47
5745MHz	Pass	8.10	10.16	9.24	9.86	9.98	15.54	27.90
5785MHz	Pass	8.10	10.09	9.91	10.43	11.17	16.25	27.90
5825MHz	Pass	8.10	9.95	9.68	10.33	10.62	16.03	27.90
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.53	10.33	9.97	10.37	10.55	16.26	16.47
5200MHz	Pass	6.53	10.36	10.14	10.38	10.58	16.16	16.47
5240MHz	Pass	6.53	10.33	9.72	10.32	10.63	16.15	16.47
5745MHz	Pass	8.10	9.69	9.28	9.59	9.76	15.35	27.90
5785MHz	Pass	8.10	9.11	9.08	9.80	9.92	15.23	27.90
5825MHz	Pass	8.10	9.49	9.33	9.59	9.94	15.41	27.90
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.53	3.75	3.74	4.06	4.30	9.95	16.47
5230MHz	Pass	6.53	7.80	7.19	7.75	8.03	13.62	16.47
5755MHz	Pass	8.10	7.38	7.16	7.85	8.02	13.32	27.90
5795MHz	Pass	8.10	6.07	6.48	6.76	6.90	12.42	27.90
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.53	-0.79	-1.57	-0.54	-0.57	4.95	16.47
5775MHz	Pass	8.10	2.38	1.89	2.73	2.86	8.16	27.90

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

802.11a_Nss1,(6Mbps)_4TX PSD

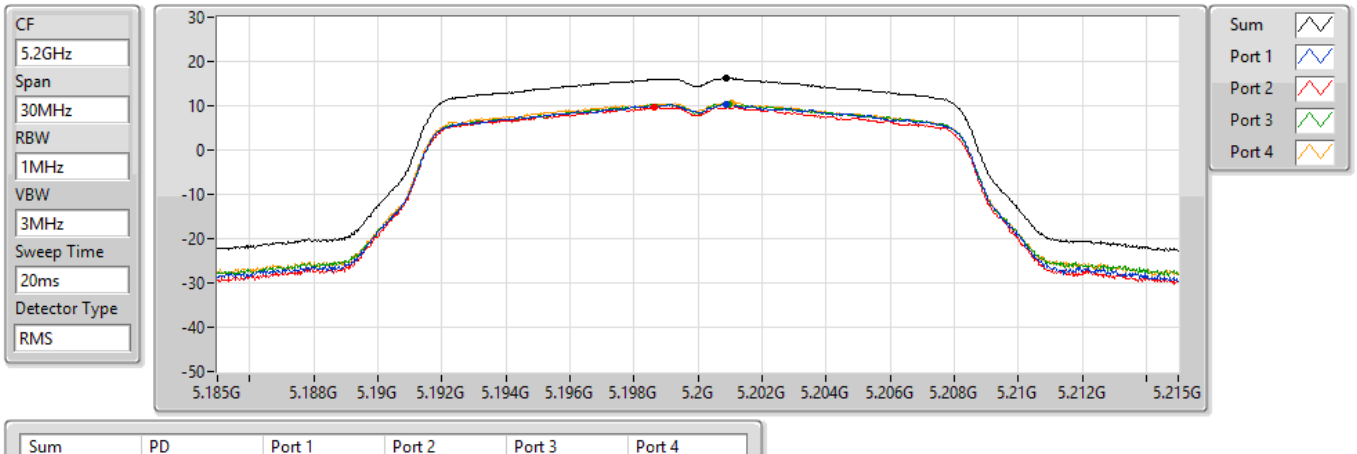
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.35	16.35	10.49	10.12	10.47	10.73

802.11a_Nss1,(6Mbps)_4TX PSD

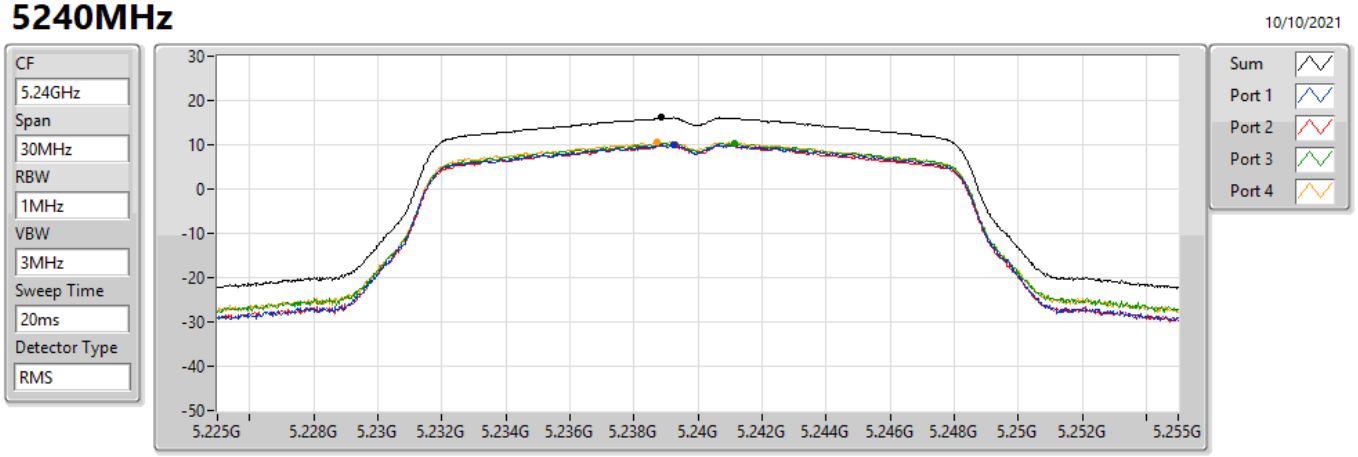
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.16	16.16	10.28	9.76	10.44	10.62

802.11a_Nss1,(6Mbps)_4TX PSD

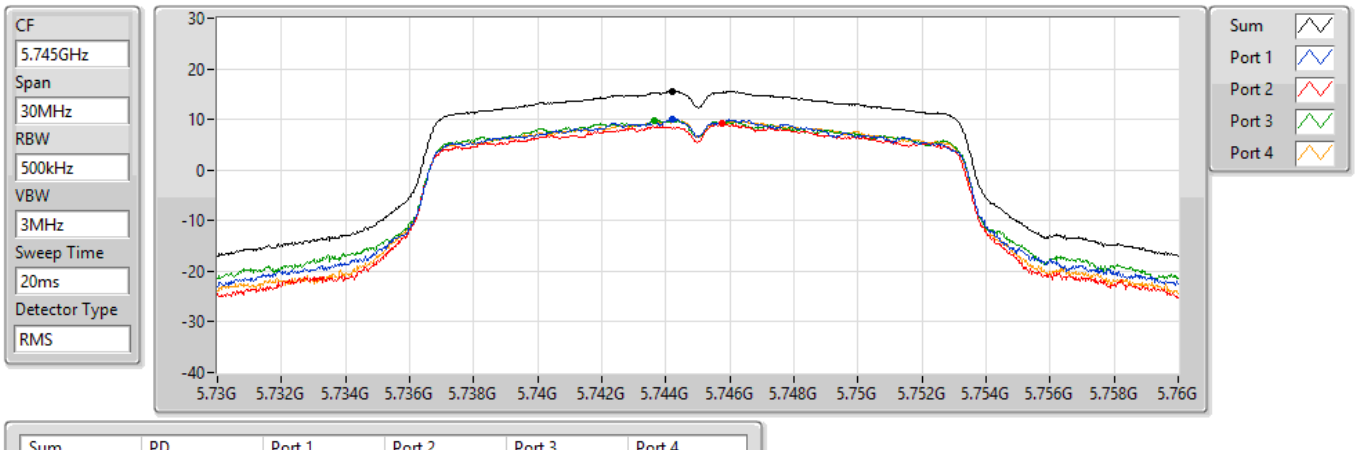
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.10	16.10	10.06	9.93	10.37	10.63

802.11a_Nss1,(6Mbps)_4TX PSD

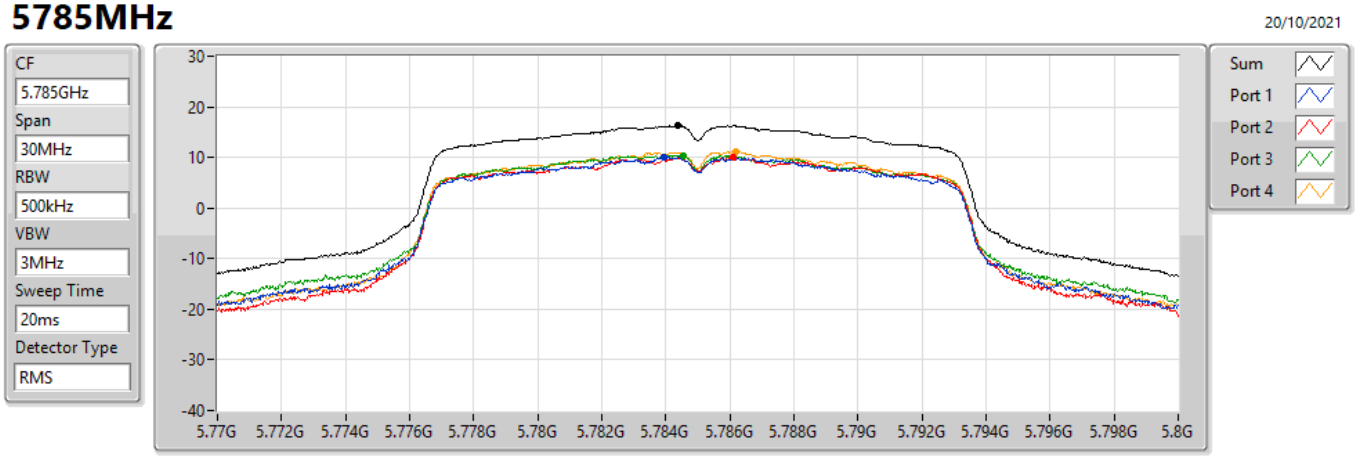
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.54	15.54	10.16	9.24	9.86	9.98

802.11a_Nss1,(6Mbps)_4TX PSD

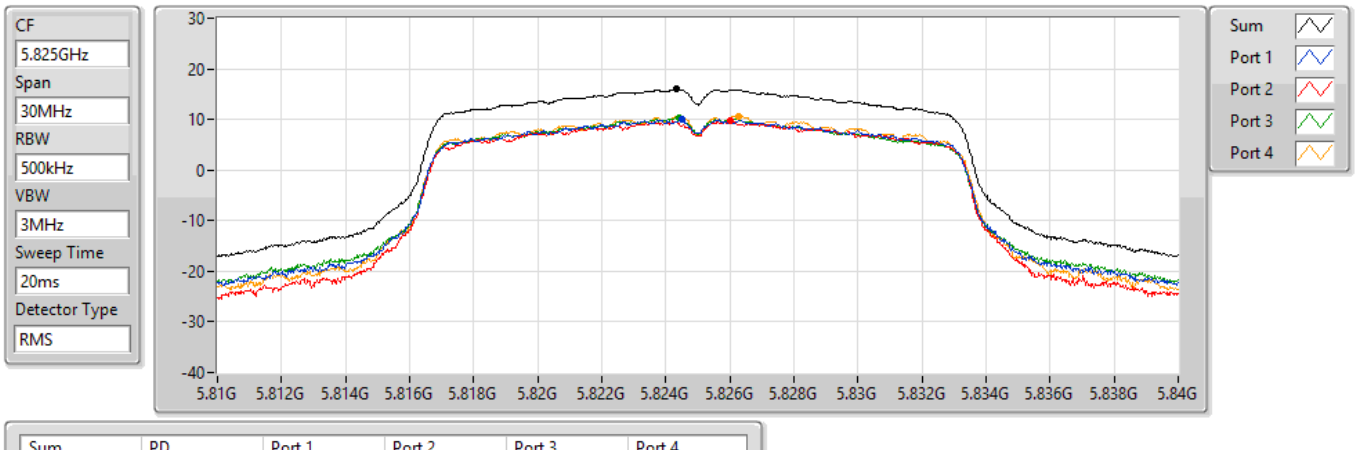
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.25	16.25	10.09	9.91	10.43	11.17

802.11a_Nss1,(6Mbps)_4TX PSD

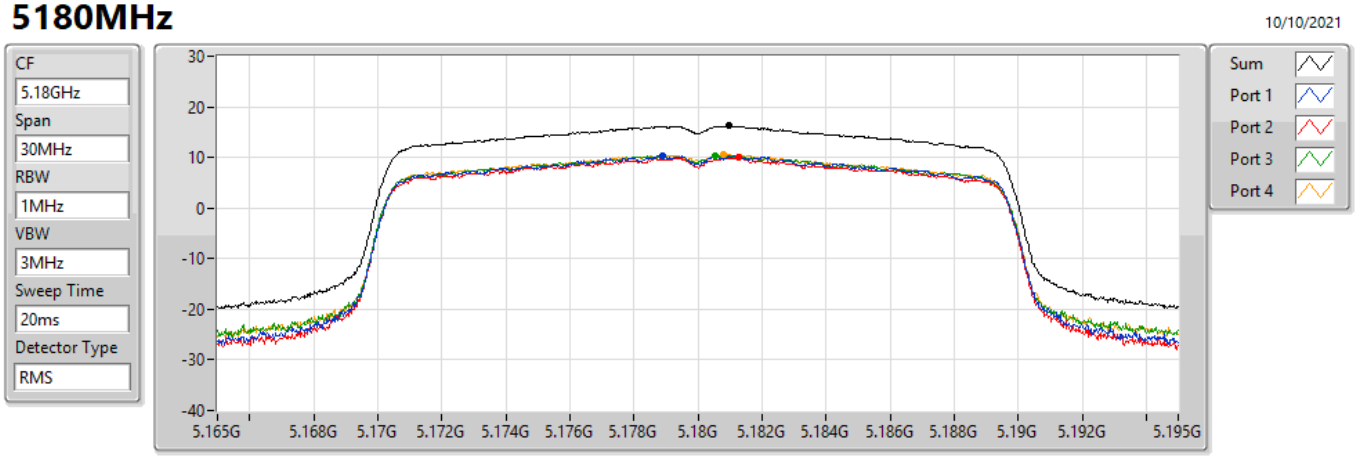
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.03	16.03	9.95	9.68	10.33	10.62

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

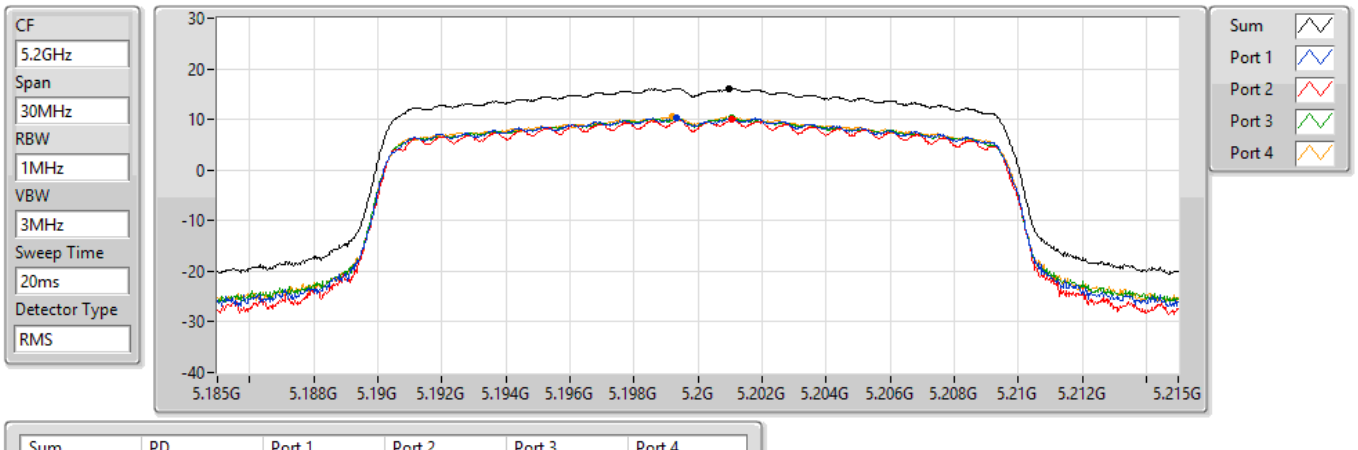
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.26	16.26	10.33	9.97	10.37	10.55

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5200MHz

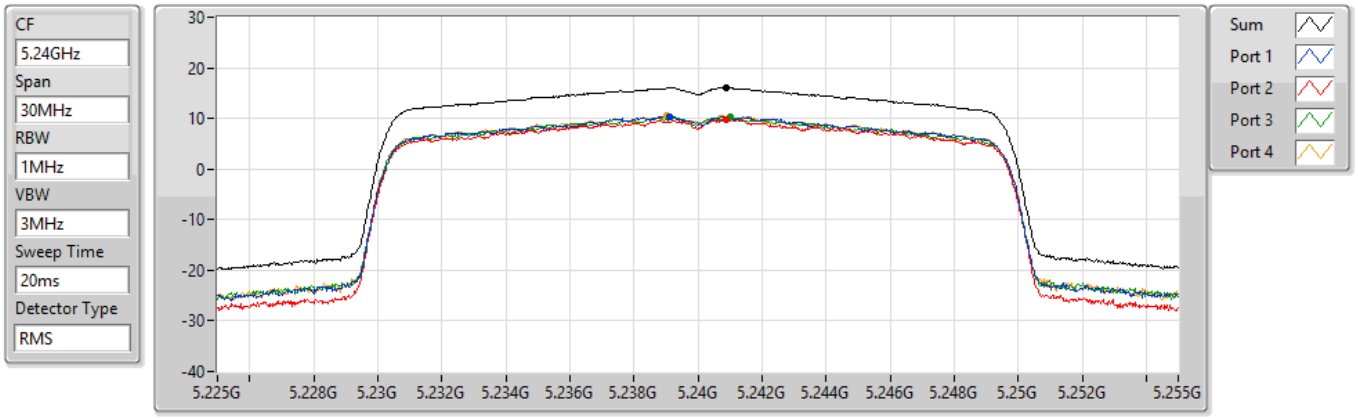


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.16	16.16	10.36	10.14	10.38	10.58

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5240MHz

10/10/2021

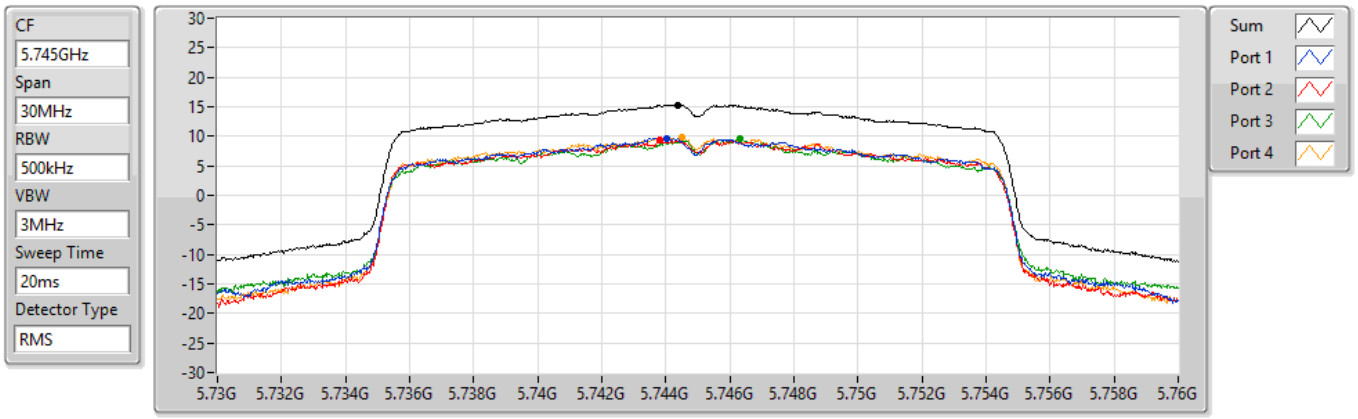


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.15	16.15	10.33	9.72	10.32	10.63

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5745MHz

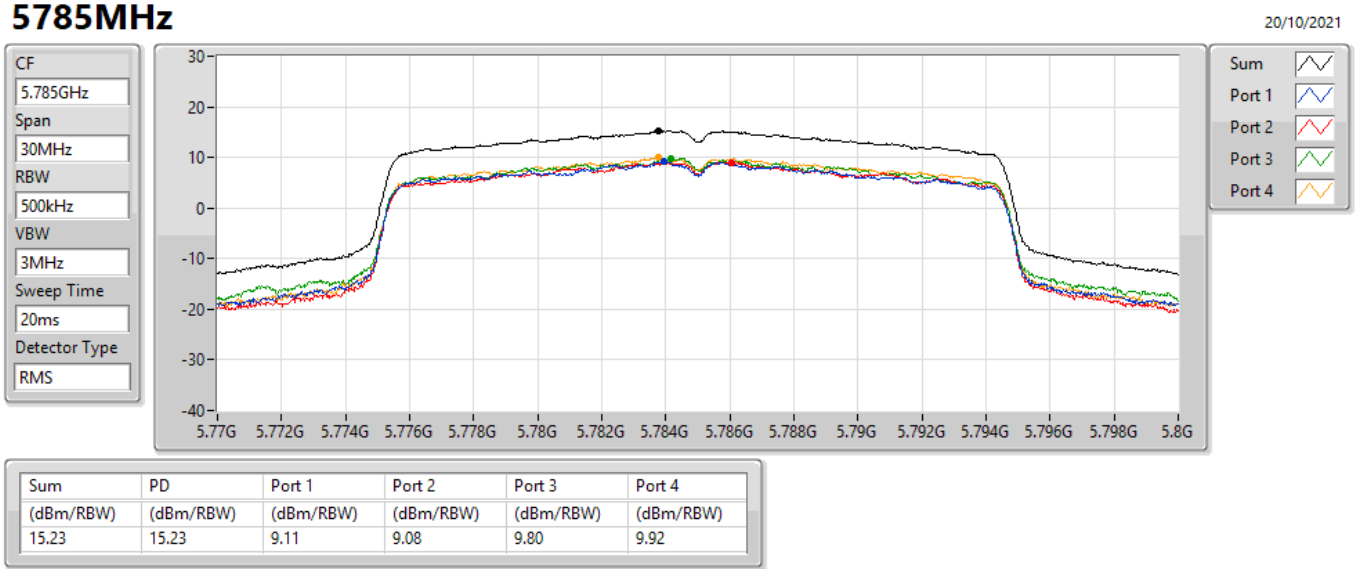
20/10/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.35	15.35	9.69	9.28	9.59	9.76

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

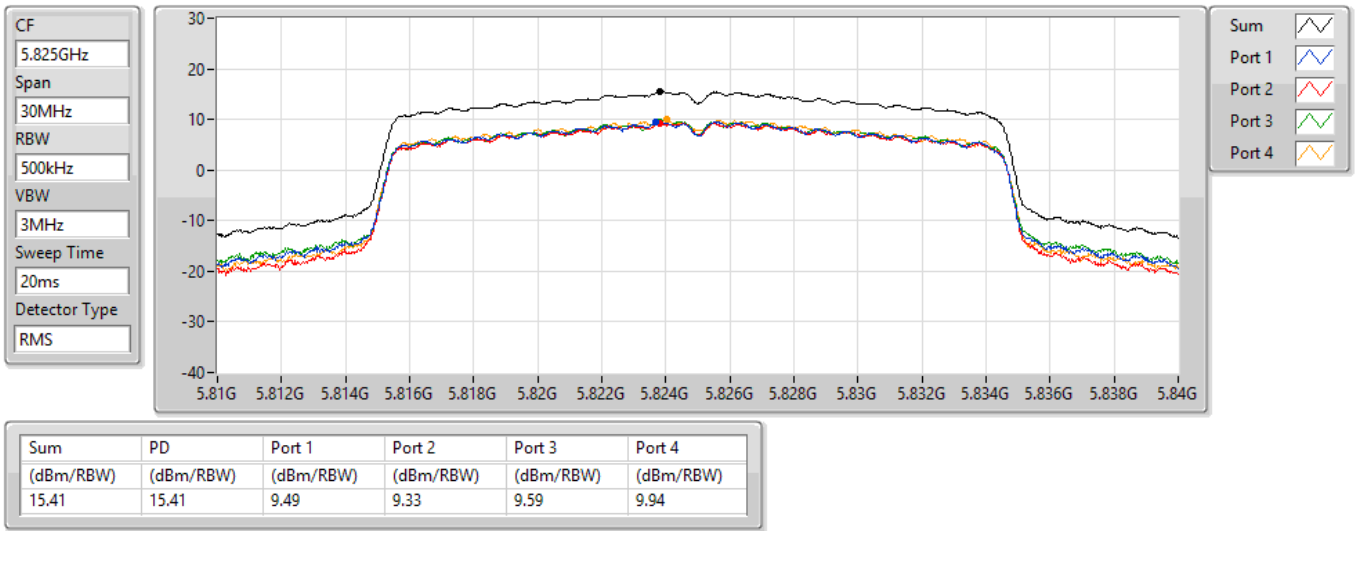
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.23	15.23	9.11	9.08	9.80	9.92

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

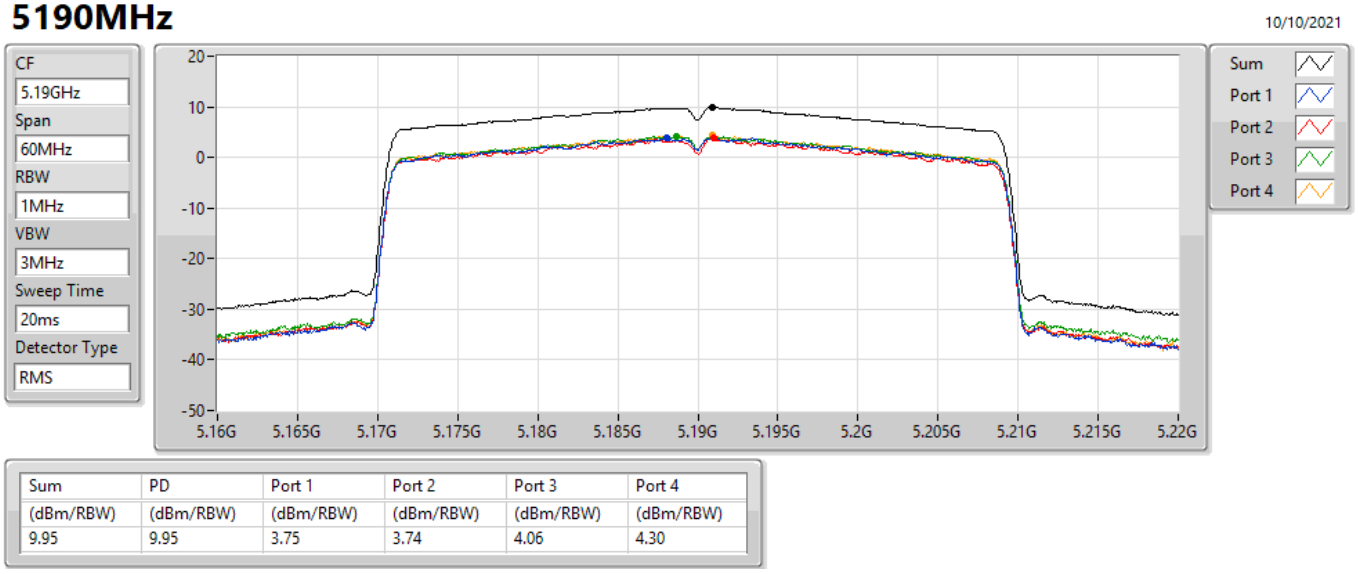
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.41	15.41	9.49	9.33	9.59	9.94

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

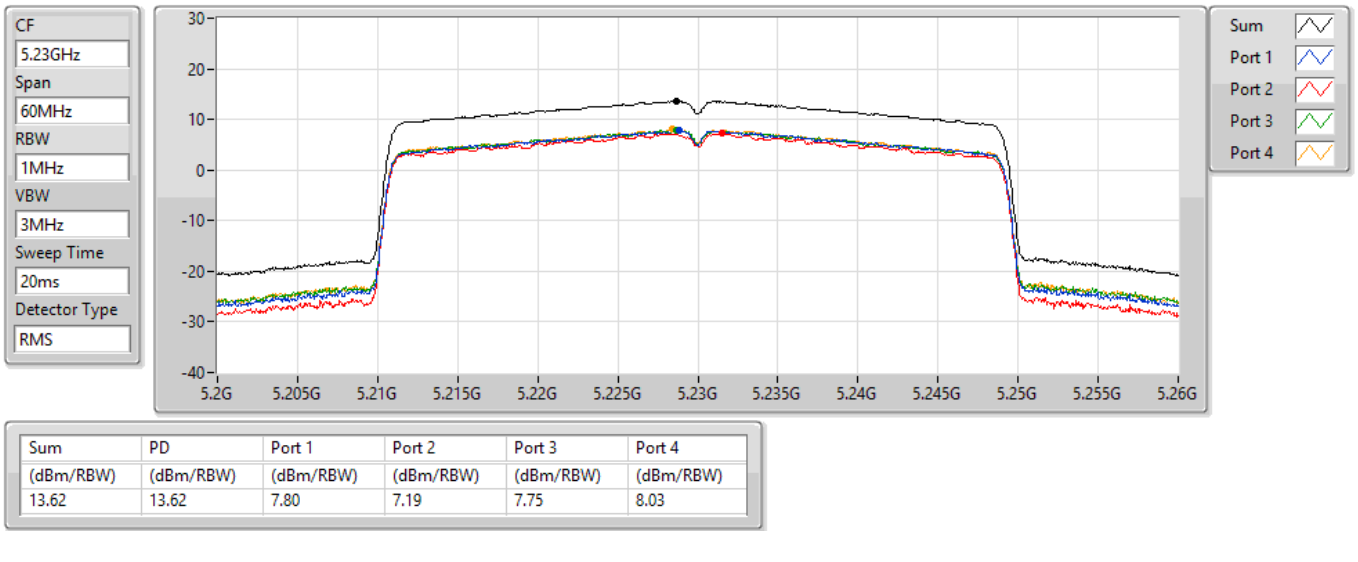
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	3.75	3.74	4.06	4.30

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

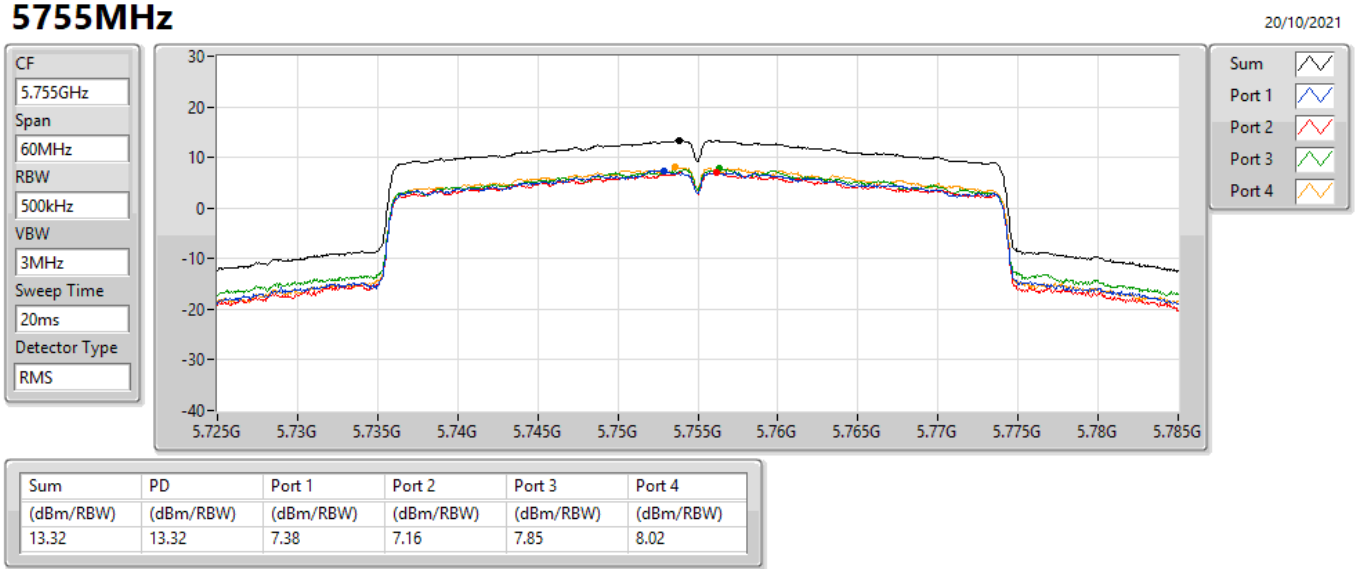
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.62	13.62	7.80	7.19	7.75	8.03

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

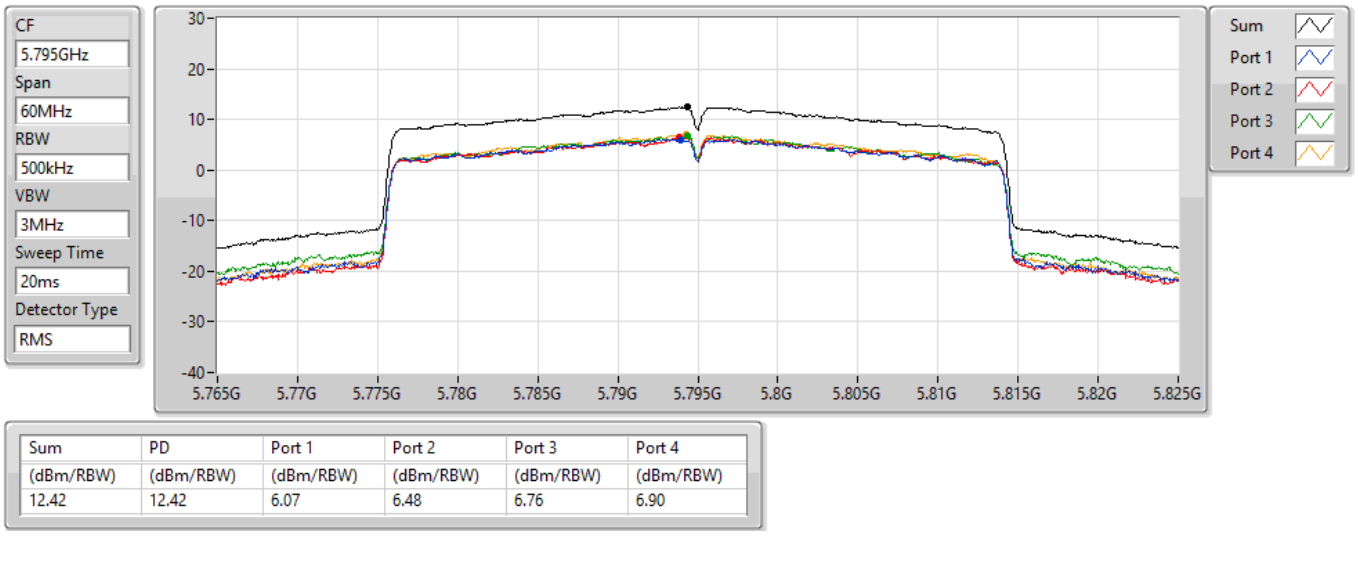
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.32	13.32	7.38	7.16	7.85	8.02

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5795MHz

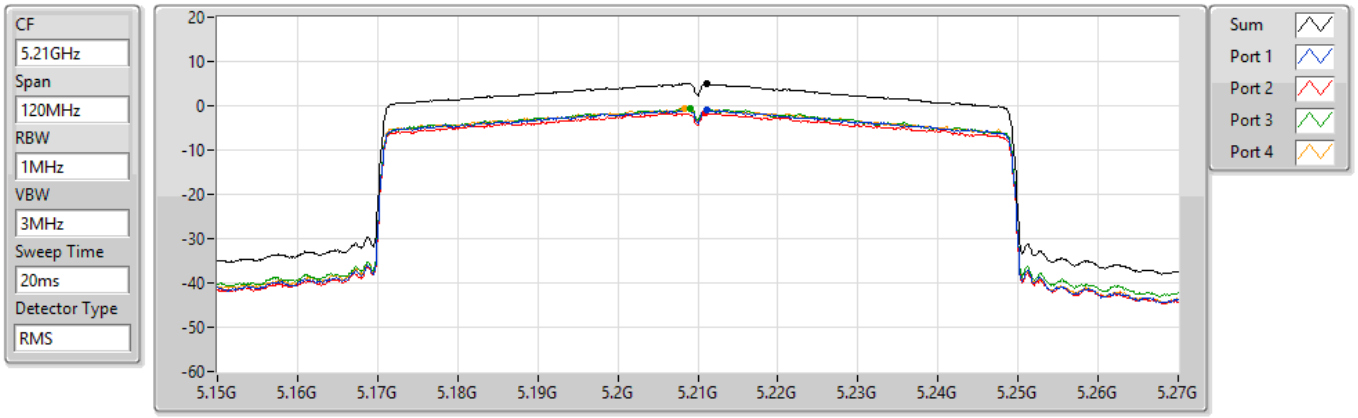


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.42	12.42	6.07	6.48	6.76	6.90

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz

10/10/2021

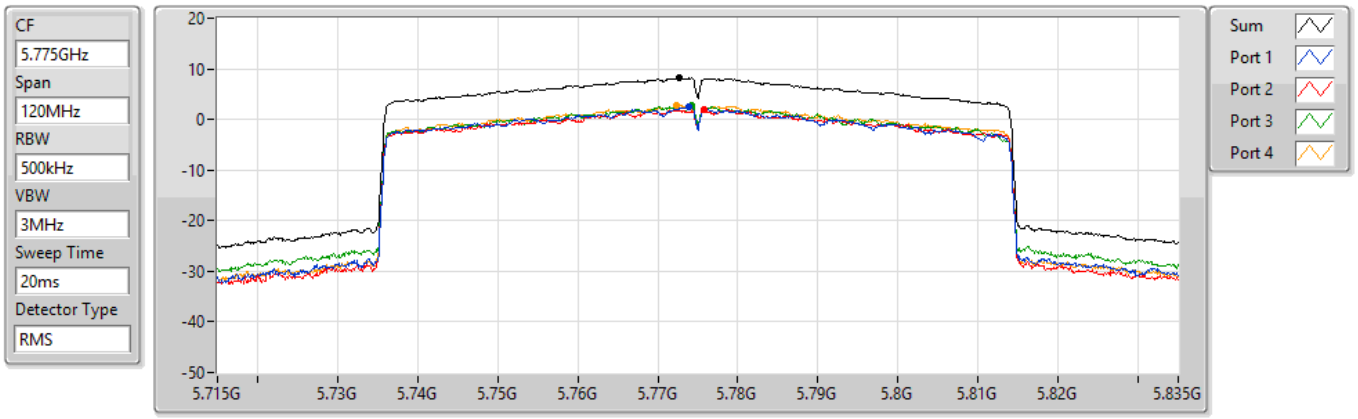


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.95	4.95	-0.79	-1.57	-0.54	-0.57

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

20/10/2021

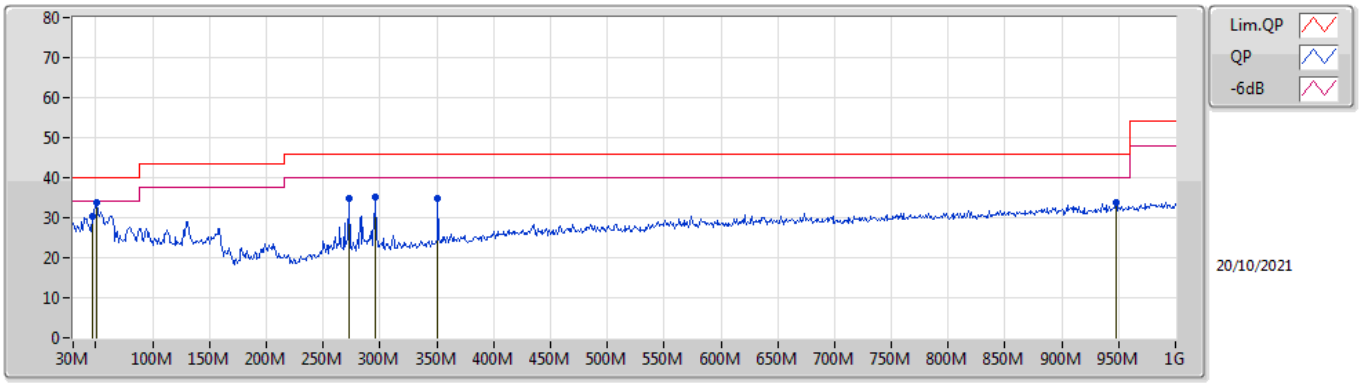


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.16	8.16	2.38	1.89	2.73	2.86

Summary

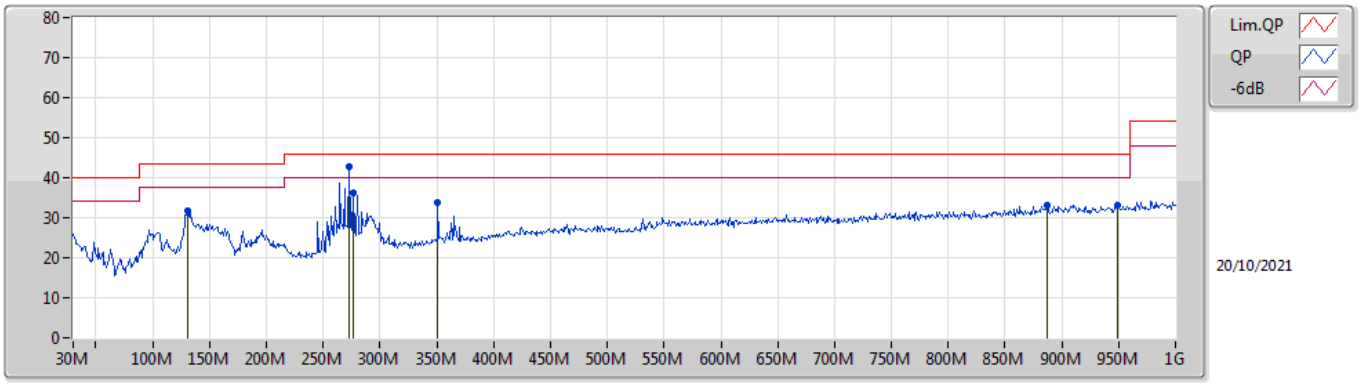
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	272.5M	42.66	46.00	-3.34	Horizontal

Mode 2



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	46.49M	30.39	40.00	-9.61	-15.38	3	Vertical	359	1.00	-	45.77	15.35	1.00	31.73
PK	50.37M	33.87	40.00	-6.13	-16.92	3	Vertical	359	1.00	"Worst"	50.79	13.83	1.01	31.76
PK	272.5M	34.82	46.00	-11.18	-10.95	3	Vertical	123	2.00	-	45.77	18.56	2.53	32.04
PK	295.78M	35.15	46.00	-10.85	-10.53	3	Vertical	240	2.00	-	45.68	18.87	2.67	32.07
PK	351.07M	34.69	46.00	-11.31	-8.88	3	Vertical	280	2.00	-	43.57	20.33	2.90	32.11
PK	947.62M	33.68	46.00	-12.32	-1.15	3	Vertical	9	1.50	-	34.83	26.42	5.00	32.57

Mode 2



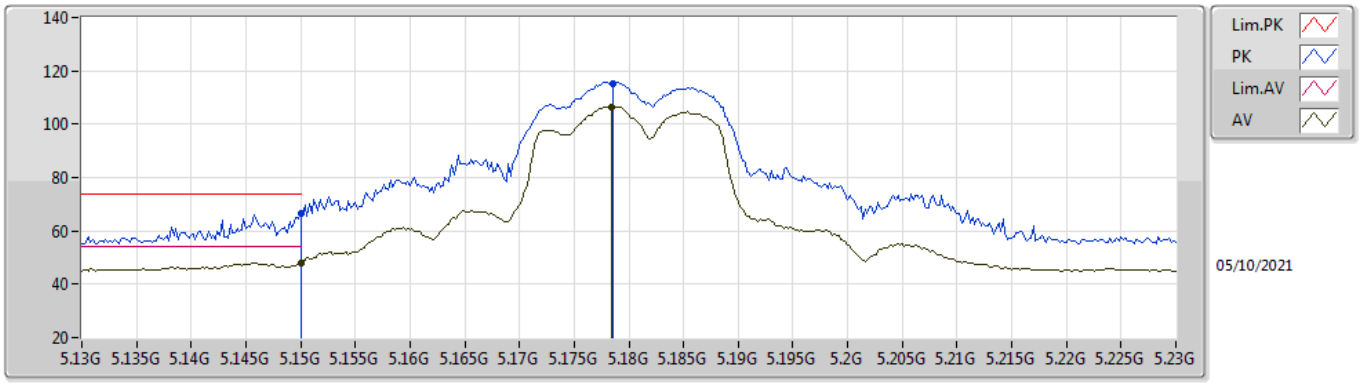
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	130.88M	31.89	43.50	-11.61	-12.58	3	Horizontal	272	1.50	-	44.47	17.66	1.71	31.95
PK	272.5M	42.66	46.00	-3.34	-10.95	3	Horizontal	207	1.25	"Worst"	53.61	18.56	2.53	32.04
PK	276.38M	36.30	46.00	-9.70	-10.91	3	Horizontal	245	1.25	-	47.21	18.58	2.56	32.05
PK	351.07M	33.75	46.00	-12.25	-8.88	3	Horizontal	326	1.25	-	42.63	20.33	2.90	32.11
PK	887.48M	33.08	46.00	-12.92	-1.54	3	Horizontal	0	2.00	-	34.62	26.19	4.92	32.65
PK	949.56M	33.11	46.00	-12.89	-1.12	3	Horizontal	344	2.00	-	34.23	26.45	5.00	32.57

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	17.2337G	67.17	68.20	-1.03	3	Horizontal	227	1.78	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

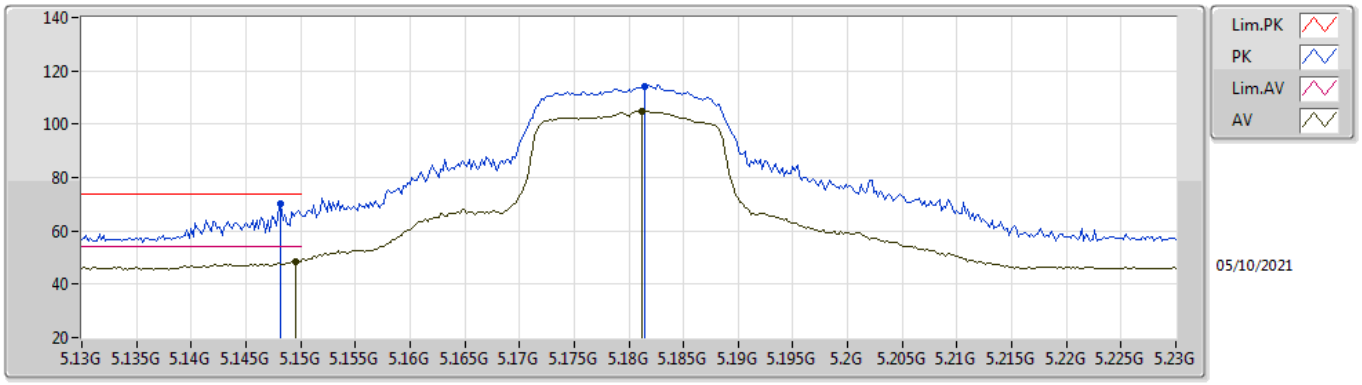


EUT Y_4TX
Setting 17.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.77	74.00	-7.23	60.17	3	Vertical	160	2.71	-	33.50	5.25	32.15
AV	5.15G	47.99	54.00	-6.01	41.39	3	Vertical	160	2.71	-	33.50	5.25	32.15
PK	5.1786G	115.38	Inf	-Inf	108.75	3	Vertical	160	2.71	-	33.50	5.28	32.15
AV	5.1784G	106.43	Inf	-Inf	99.80	3	Vertical	160	2.71	-	33.50	5.28	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

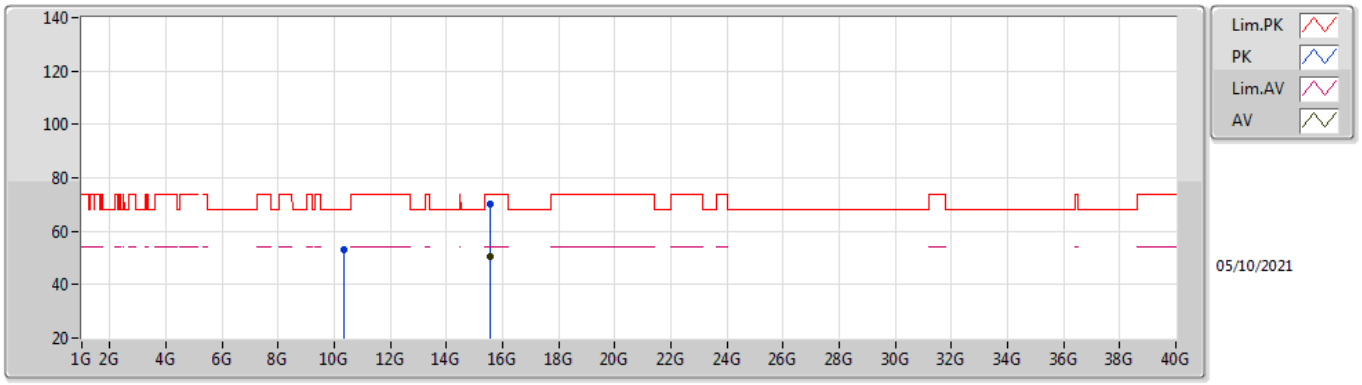


EUT Y_4TX
Setting 17.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	69.98	74.00	-4.02	63.38	3	Horizontal	296	1.79	-	33.50	5.25	32.15
AV	5.1496G	48.64	54.00	-5.36	42.04	3	Horizontal	296	1.79	-	33.50	5.25	32.15
PK	5.1814G	114.38	Inf	-Inf	107.75	3	Horizontal	296	1.79	-	33.50	5.28	32.15
AV	5.1812G	104.69	Inf	-Inf	98.06	3	Horizontal	296	1.79	-	33.50	5.28	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

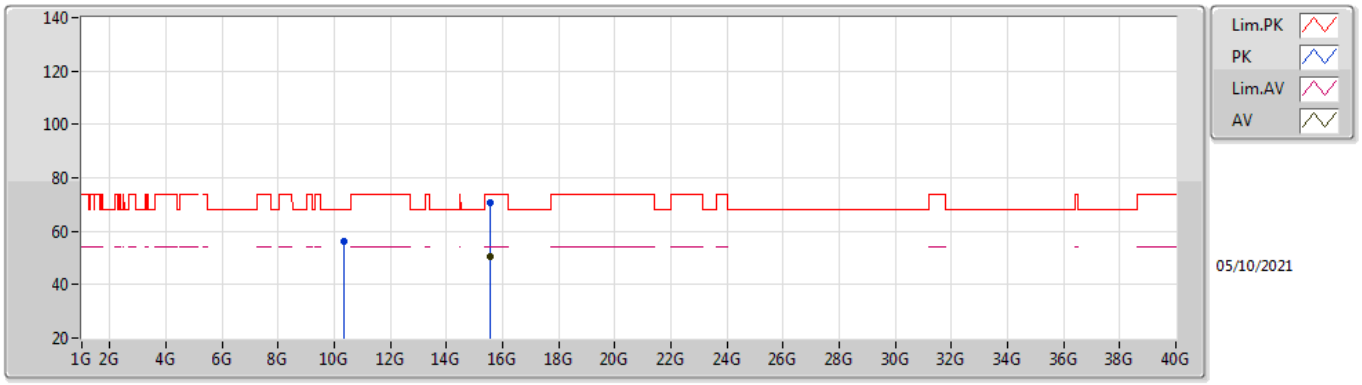


EUT Y_4TX
Setting 17.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3543G	52.90	68.20	-15.30	39.96	3	Vertical	115	2.32	-	38.45	7.44	32.95
PK	15.53706G	69.94	74.00	-4.06	55.55	3	Vertical	207	2.93	-	37.79	9.79	33.19
AV	15.54192G	50.30	54.00	-3.70	35.94	3	Vertical	207	2.93	-	37.77	9.79	33.20

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

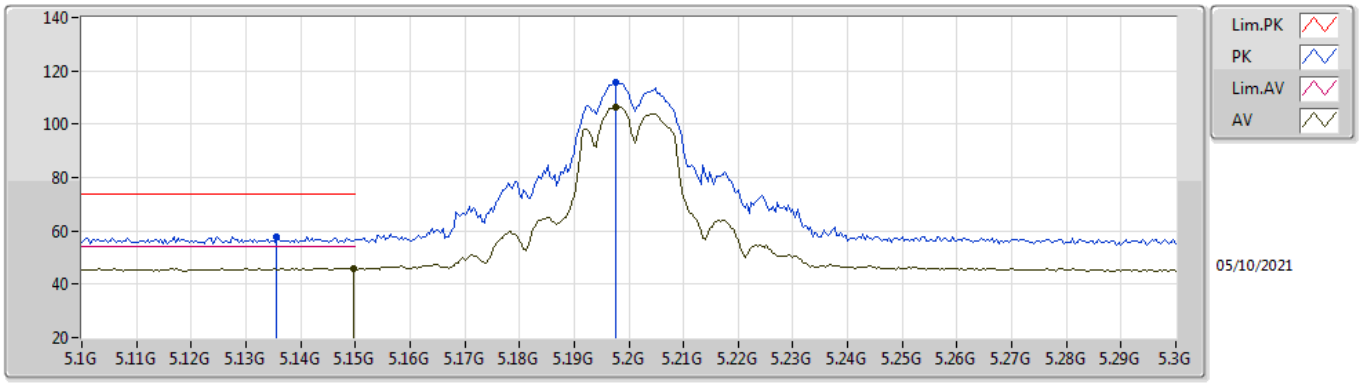


EUT Y_4TX
Setting 17.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35634G	56.04	68.20	-12.16	43.12	3	Horizontal	272	1.51	-	38.44	7.44	32.96
PK	15.5376G	70.76	74.00	-3.24	56.37	3	Horizontal	197	1.86	-	37.79	9.79	33.19
AV	15.5376G	50.68	54.00	-3.32	36.29	3	Horizontal	197	1.86	-	37.79	9.79	33.19

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

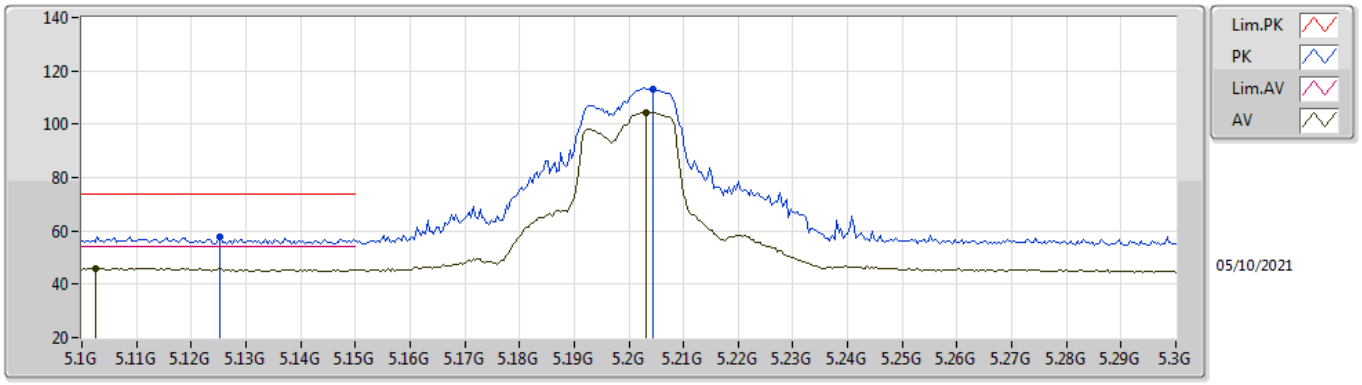


EUT Y_4TX
Setting 17.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1356G	57.92	74.00	-16.08	51.33	3	Vertical	117	1.75	-	33.50	5.24	32.15
AV	5.1496G	45.87	54.00	-8.13	39.27	3	Vertical	117	1.75	-	33.50	5.25	32.15
PK	5.1976G	115.54	Inf	-Inf	108.89	3	Vertical	117	1.75	-	33.50	5.30	32.15
AV	5.1976G	106.43	Inf	-Inf	99.78	3	Vertical	117	1.75	-	33.50	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

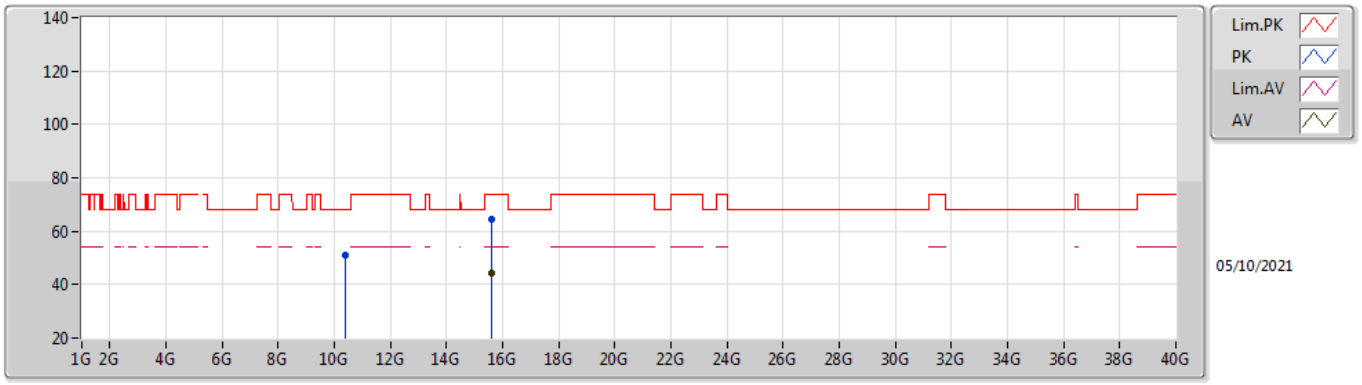


EUT Y_4TX
Setting 17.5
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1252G	57.81	74.00	-16.19	51.23	3	Horizontal	295	2.71	-	33.50	5.23	32.15
AV	5.1024G	45.90	54.00	-8.10	39.35	3	Horizontal	295	2.71	-	33.50	5.20	32.15
PK	5.2044G	113.36	Inf	-Inf	106.70	3	Horizontal	295	2.71	-	33.51	5.30	32.15
AV	5.2032G	104.33	Inf	-Inf	97.67	3	Horizontal	295	2.71	-	33.51	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

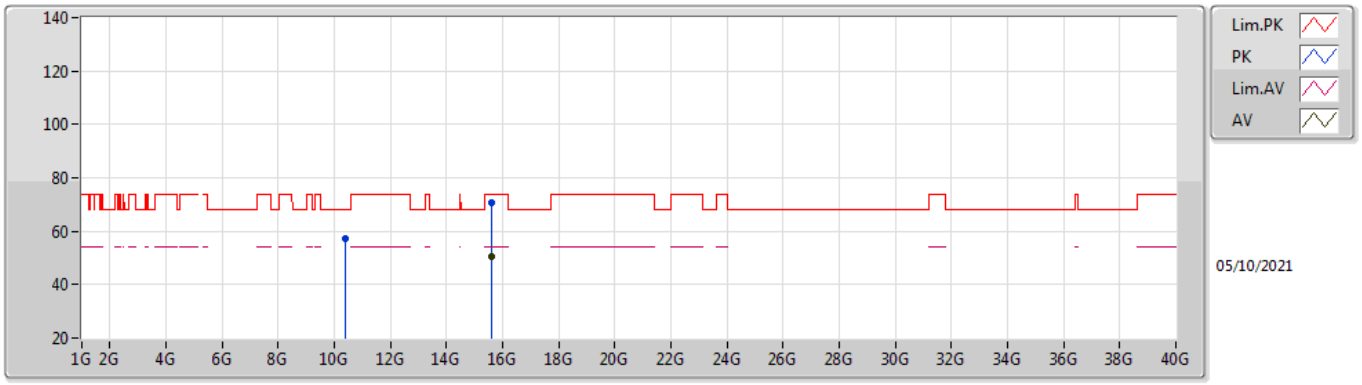


EUT Y_4TX
Setting 17.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3983G	51.18	68.20	-17.02	38.30	3	Vertical	293	1.12	-	38.40	7.46	32.98
PK	15.5934G	64.24	74.00	-9.76	50.06	3	Vertical	305	1.78	-	37.62	9.82	33.26
AV	15.5971G	44.56	54.00	-9.44	30.39	3	Vertical	305	1.78	-	37.61	9.82	33.26

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

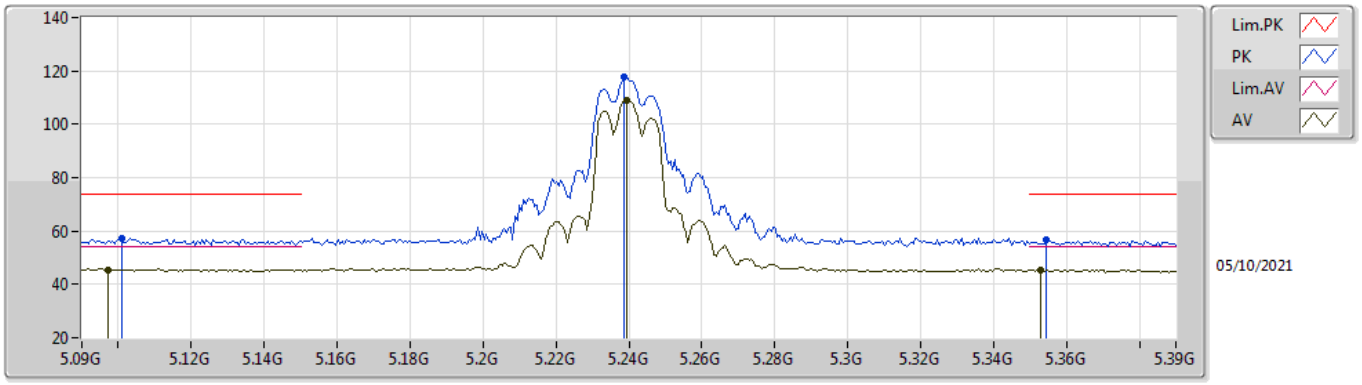


EUT Y_4TX
Setting 17.5
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.395G	57.14	68.20	-11.06	44.25	3	Horizontal	168	2.19	-	38.41	7.46	32.98
PK	15.6021G	70.90	74.00	-3.10	56.75	3	Horizontal	192	2.45	-	37.60	9.82	33.27
AV	15.6028G	50.27	54.00	-3.73	36.13	3	Horizontal	192	2.45	-	37.59	9.82	33.27

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

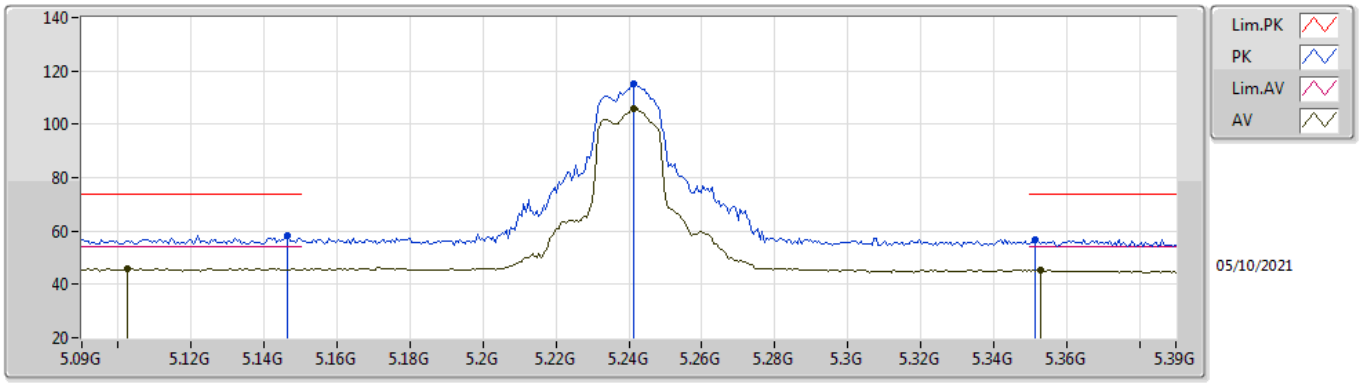


EUT Y_4TX
Setting 17.5
02-B-S-8-10

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	5.1008G	57.50	74.00	-16.50	50.95	3	Vertical	104	1.80	-	33.50	5.20	32.15
AV	5.0972G	45.56	54.00	-8.44	39.02	3	Vertical	104	1.80	-	33.49	5.20	32.15
PK	5.2388G	117.58	Inf	-Inf	110.83	3	Vertical	104	1.80	-	33.58	5.32	32.15
AV	5.2394G	108.80	Inf	-Inf	102.05	3	Vertical	104	1.80	-	33.58	5.32	32.15
PK	5.3546G	56.50	74.00	-17.50	49.55	3	Vertical	104	1.80	-	33.71	5.38	32.14
AV	5.3528G	45.14	54.00	-8.86	38.19	3	Vertical	104	1.80	-	33.71	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

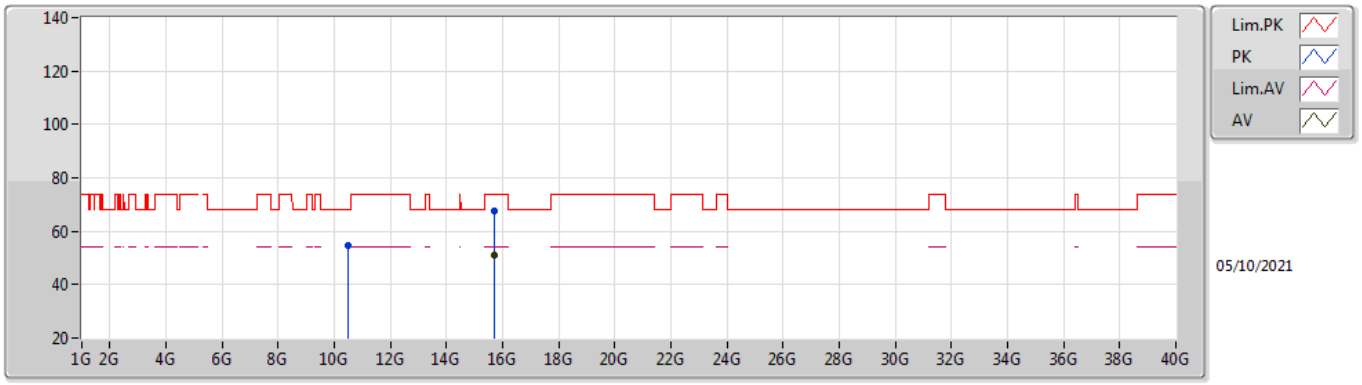


EUT Y_4TX
Setting 17.5
02-B-S-8-10

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	5.1464G	58.33	74.00	-15.67	51.73	3	Horizontal	296	1.83	-	33.50	5.25	32.15
AV	5.1026G	45.68	54.00	-8.32	39.13	3	Horizontal	296	1.83	-	33.50	5.20	32.15
PK	5.2412G	115.14	Inf	-Inf	108.39	3	Horizontal	296	1.83	-	33.58	5.32	32.15
AV	5.2412G	105.95	Inf	-Inf	99.20	3	Horizontal	296	1.83	-	33.58	5.32	32.15
PK	5.3516G	56.83	74.00	-17.17	49.89	3	Horizontal	296	1.83	-	33.70	5.38	32.14
AV	5.3528G	45.19	54.00	-8.81	38.24	3	Horizontal	296	1.83	-	33.71	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

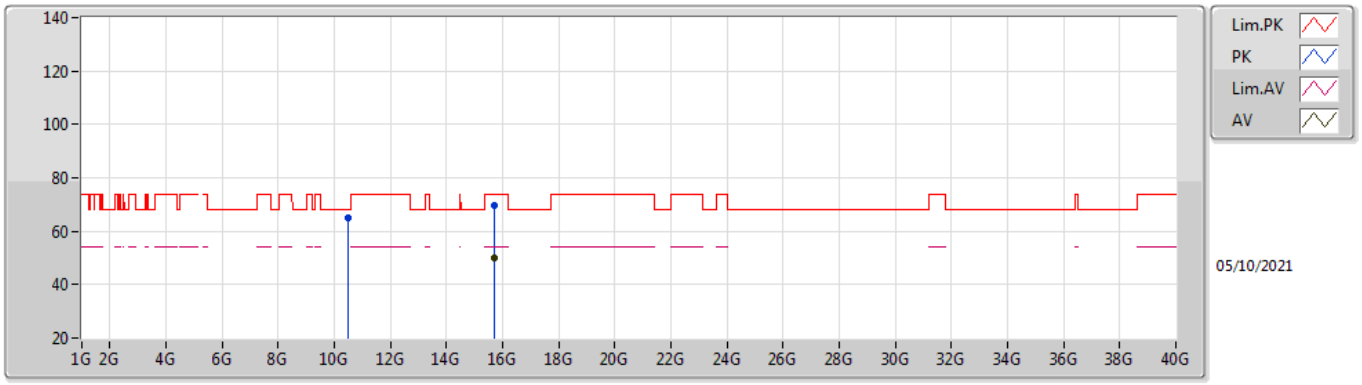


EUT Y_4TX
Setting 17.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4781G	54.70	68.20	-13.50	41.85	3	Vertical	105	3.00	-	38.40	7.49	33.04
PK	15.7249G	67.63	74.00	-6.37	53.77	3	Vertical	193	1.82	-	37.40	9.88	33.42
AV	15.7178G	50.92	54.00	-3.08	37.06	3	Vertical	193	1.82	-	37.40	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

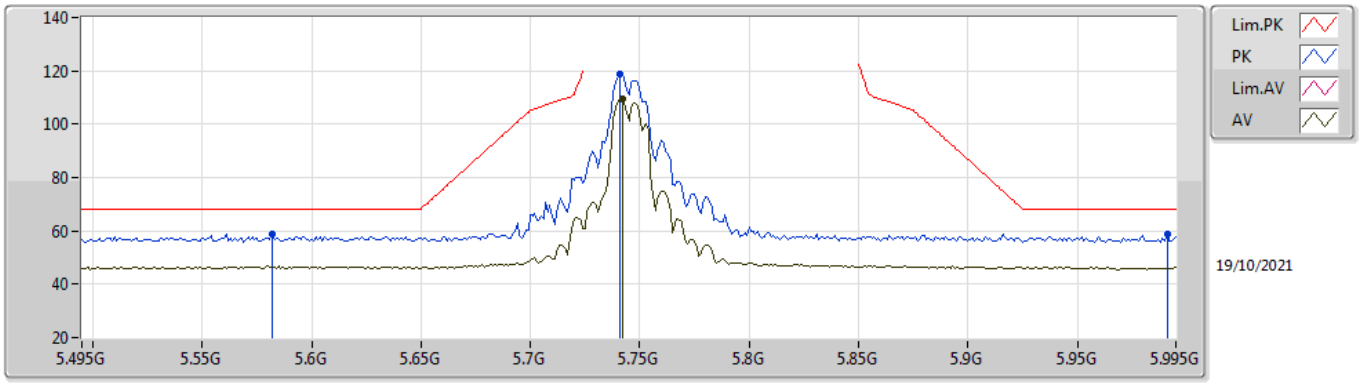


EUT Y_4TX
Setting 17.5
02-B-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4804G	65.08	68.20	-3.12	52.23	3	Horizontal	60	1.94	-	38.40	7.49	33.04
PK	15.7197G	69.87	74.00	-4.13	56.01	3	Horizontal	200	1.91	-	37.40	9.87	33.41
AV	15.7199G	49.78	54.00	-4.22	35.92	3	Horizontal	200	1.91	-	37.40	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

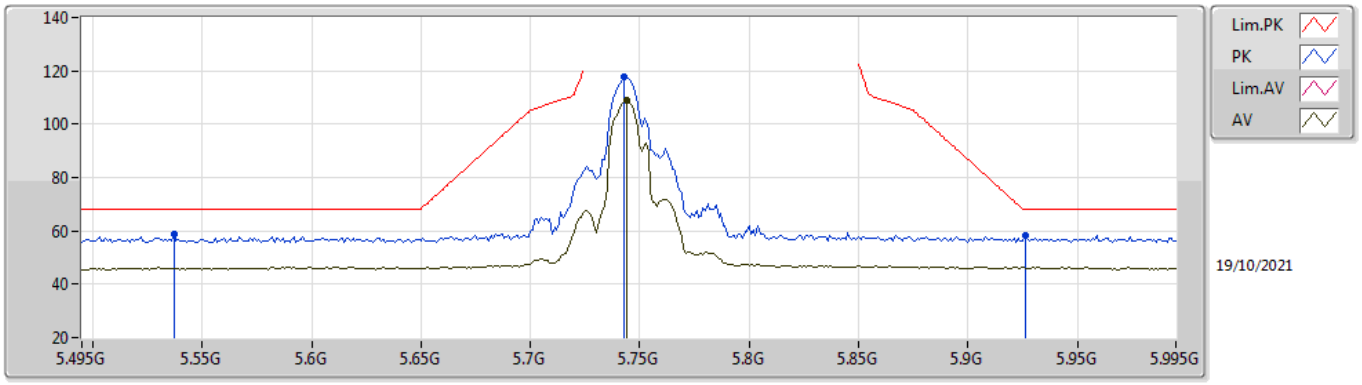


EUT Y_4TX
Setting 17
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.582G	59.01	68.20	-9.19	53.65	3	Vertical	95	1.80	-	31.56	5.98	32.18
PK	5.741G	118.84	Inf	-Inf	113.15	3	Vertical	95	1.80	-	31.96	6.00	32.27
AV	5.742G	109.72	Inf	-Inf	104.03	3	Vertical	95	1.80	-	31.97	6.00	32.28
PK	5.991G	58.57	68.20	-9.63	52.69	3	Vertical	95	1.80	-	32.20	6.10	32.42

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

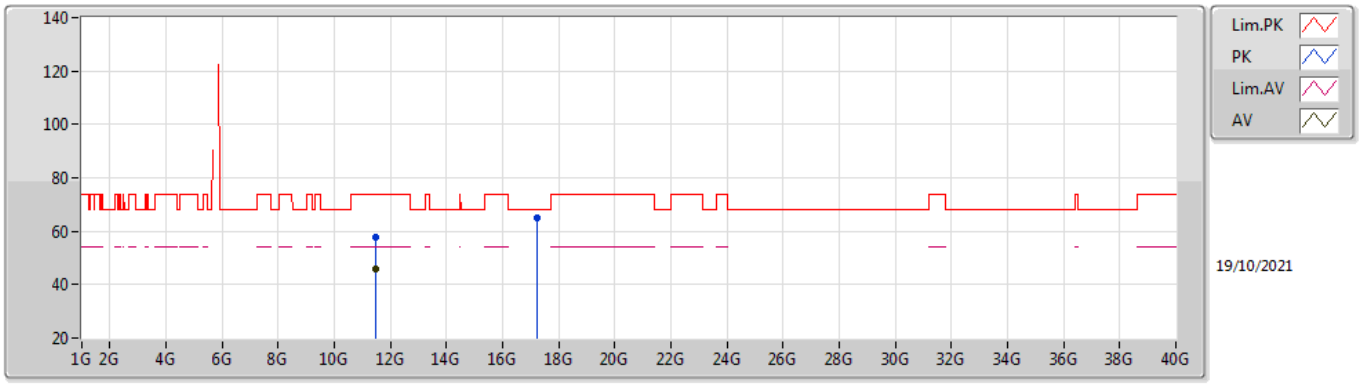


EUT Y_4TX
Setting 17
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.537G	58.68	68.20	-9.52	53.39	3	Horizontal	45	1.54	-	31.50	5.94	32.15
PK	5.743G	117.61	Inf	-Inf	111.92	3	Horizontal	45	1.54	-	31.97	6.00	32.28
AV	5.744G	108.78	Inf	-Inf	103.08	3	Horizontal	45	1.54	-	31.98	6.00	32.28
PK	5.926G	58.10	68.20	-10.10	52.28	3	Horizontal	45	1.54	-	32.15	6.06	32.39

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

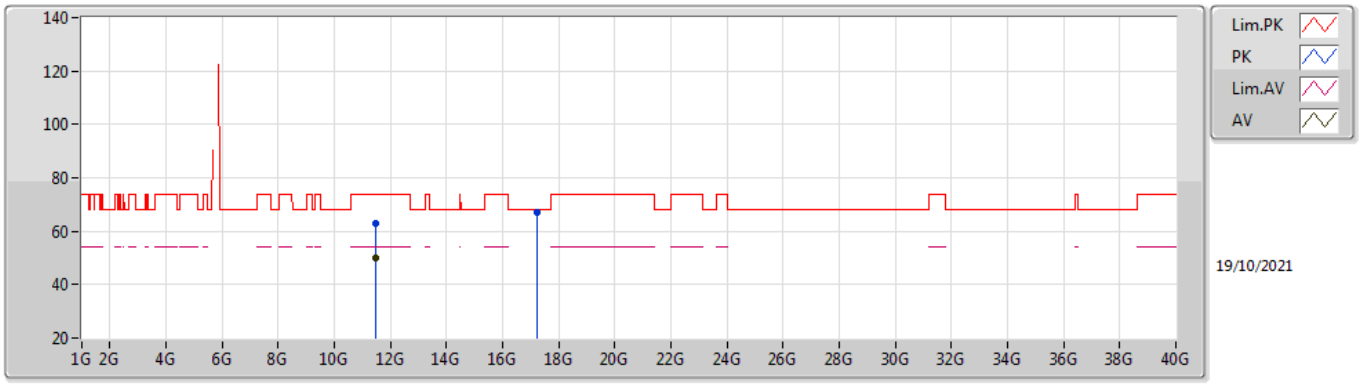


EUT Y_4TX
Setting 17
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4884G	57.56	74.00	-16.44	42.76	3	Vertical	99	1.76	-	39.62	9.49	34.31
AV	11.4941G	45.86	54.00	-8.14	31.06	3	Vertical	99	1.76	-	39.61	9.50	34.31
PK	17.2369G	64.86	68.20	-3.34	44.39	3	Vertical	218	1.11	-	41.05	14.02	34.60

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

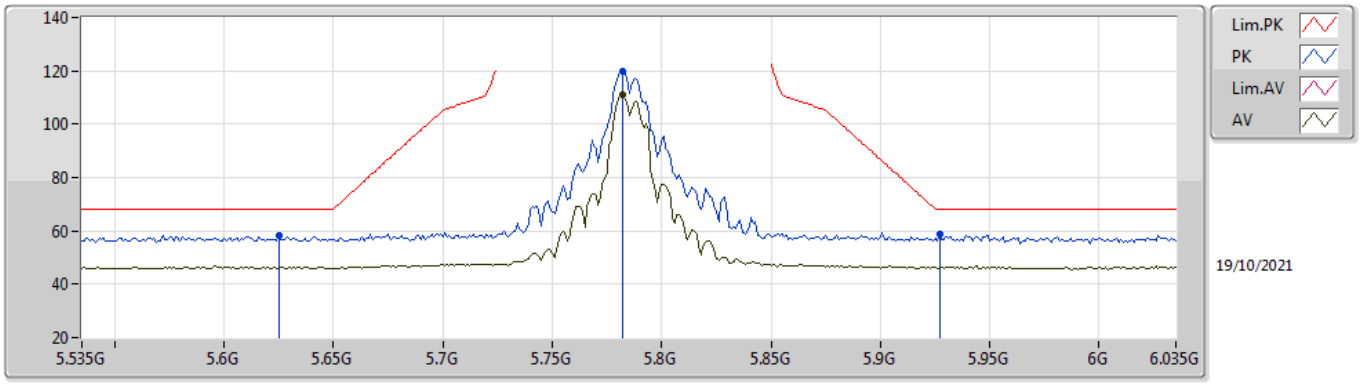


EUT Y_4TX
Setting 17
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4876G	62.88	74.00	-11.12	48.08	3	Horizontal	269	1.49	-	39.62	9.49	34.31
AV	11.4877G	50.12	54.00	-3.88	35.32	3	Horizontal	269	1.49	-	39.62	9.49	34.31
PK	17.2254G	67.06	68.20	-1.14	46.64	3	Horizontal	229	1.80	-	41.00	14.01	34.59

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

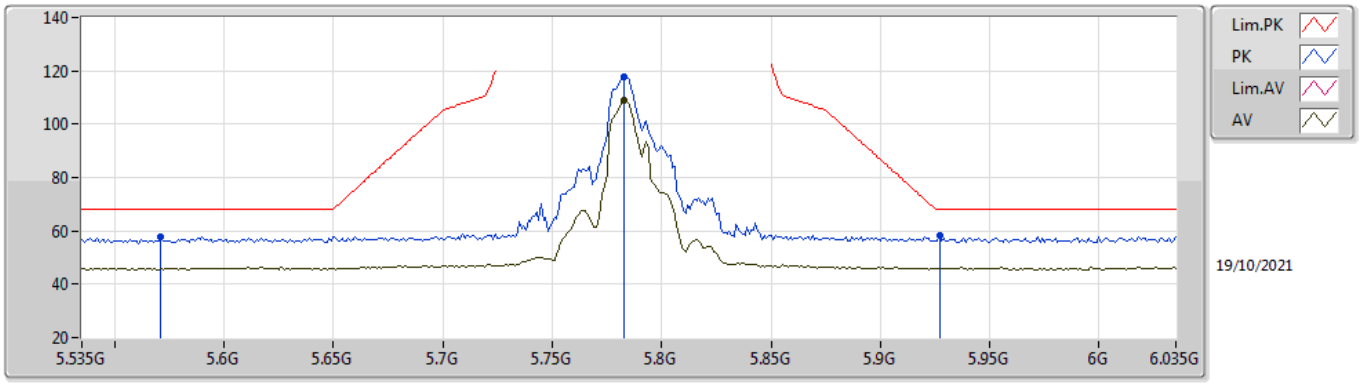


EUT Y_4TX
Setting 18
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.625G	58.37	68.20	-9.83	52.97	3	Vertical	94	1.46	-	31.60	6.00	32.20
PK	5.782G	120.04	Inf	-Inf	114.34	3	Vertical	94	1.46	-	32.00	6.00	32.30
AV	5.782G	111.13	Inf	-Inf	105.43	3	Vertical	94	1.46	-	32.00	6.00	32.30
PK	5.927G	58.60	68.20	-9.60	52.78	3	Vertical	94	1.46	-	32.15	6.06	32.39

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

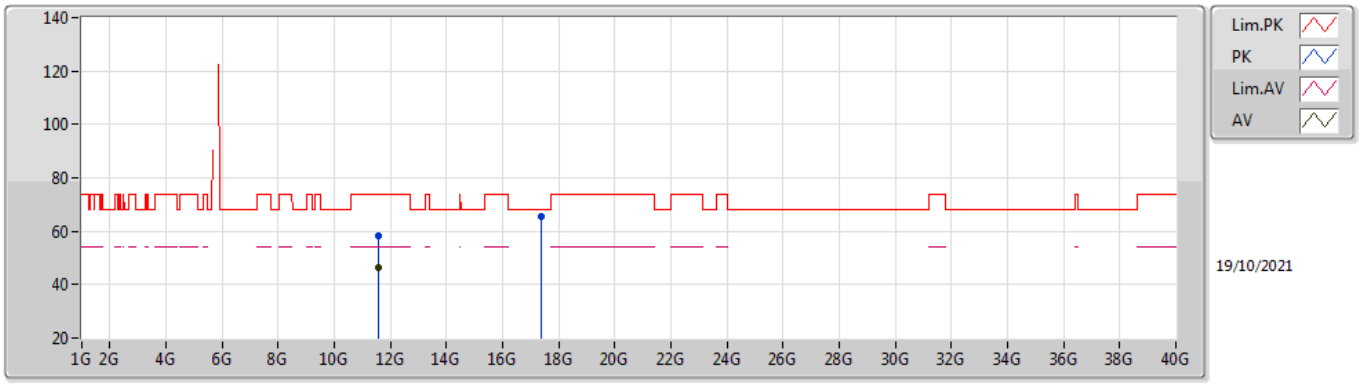


EUT Y_4TX
Setting 18
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.571G	57.62	68.20	-10.58	52.28	3	Horizontal	134	1.70	-	31.54	5.97	32.17
PK	5.783G	117.72	Inf	-Inf	112.02	3	Horizontal	134	1.70	-	32.00	6.00	32.30
AV	5.783G	108.81	Inf	-Inf	103.11	3	Horizontal	134	1.70	-	32.00	6.00	32.30
PK	5.927G	58.23	68.20	-9.97	52.41	3	Horizontal	134	1.70	-	32.15	6.06	32.39

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

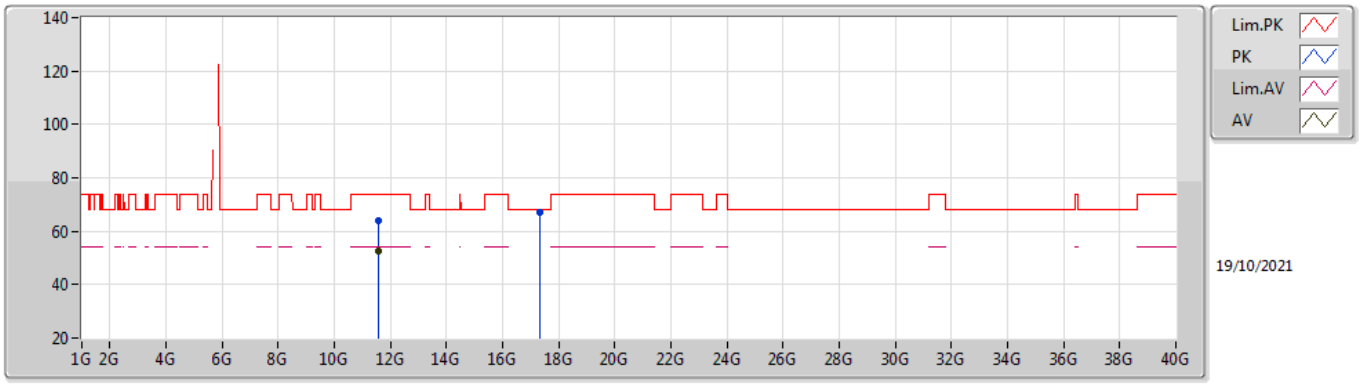


EUT Y_4TX
Setting 18
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5709G	58.30	74.00	-15.70	43.53	3	Vertical	190	2.96	-	39.53	9.54	34.30
AV	11.569G	46.29	54.00	-7.71	31.52	3	Vertical	190	2.96	-	39.53	9.54	34.30
PK	17.3599G	65.64	68.20	-2.56	44.23	3	Vertical	45	1.72	-	41.90	14.16	34.65

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

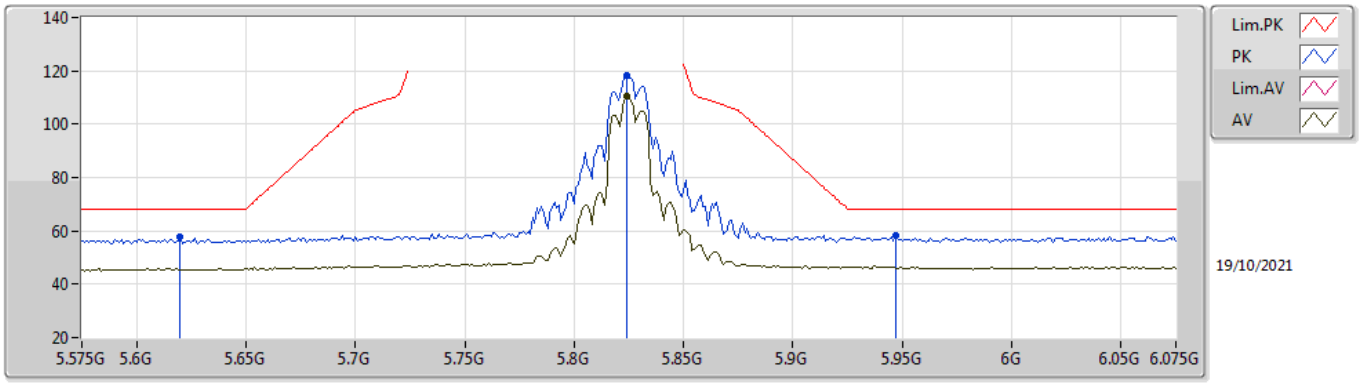


EUT Y_4TX
Setting 18
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5676G	64.17	74.00	-9.83	49.40	3	Horizontal	232	1.59	-	39.53	9.54	34.30
AV	11.5702G	52.40	54.00	-1.60	37.63	3	Horizontal	232	1.59	-	39.53	9.54	34.30
PK	17.3418G	66.97	68.20	-1.23	45.75	3	Horizontal	213	1.80	-	41.72	14.14	34.64

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

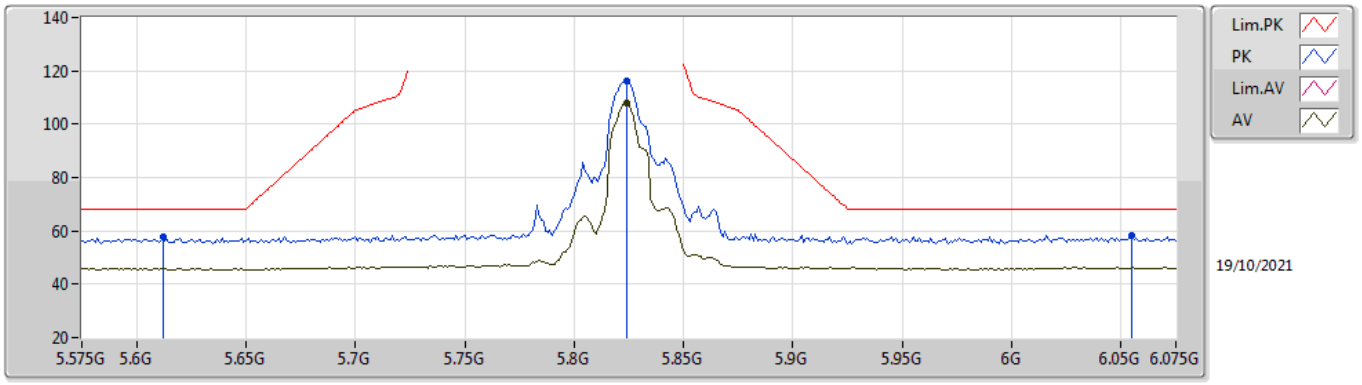


EUT Y_4TX
Setting 16.5
06-F-S-5

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	5.62G	57.53	68.20	-10.67	52.13	3	Vertical	340	2.21	-	31.60	6.00	32.20
PK	5.824G	118.43	Inf	-Inf	112.74	3	Vertical	340	2.21	-	32.00	6.01	32.32
AV	5.824G	110.32	Inf	-Inf	104.63	3	Vertical	340	2.21	-	32.00	6.01	32.32
PK	5.947G	58.43	68.20	-9.77	52.57	3	Vertical	340	2.21	-	32.19	6.07	32.40

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

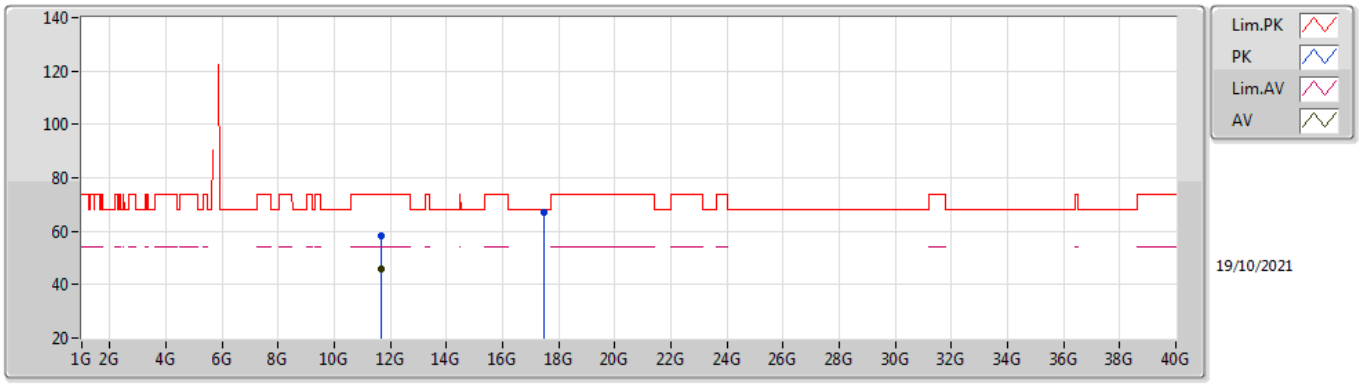


EUT Y_4TX
Setting 16.5
06-F-S-5

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	5.612G	57.80	68.20	-10.40	52.40	3	Horizontal	136	2.14	-	31.60	6.00	32.20
PK	5.824G	116.43	Inf	-Inf	110.74	3	Horizontal	136	2.14	-	32.00	6.01	32.32
AV	5.824G	107.92	Inf	-Inf	102.23	3	Horizontal	136	2.14	-	32.00	6.01	32.32
PK	6.055G	58.18	68.20	-10.02	52.01	3	Horizontal	136	2.14	-	32.49	6.13	32.45

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

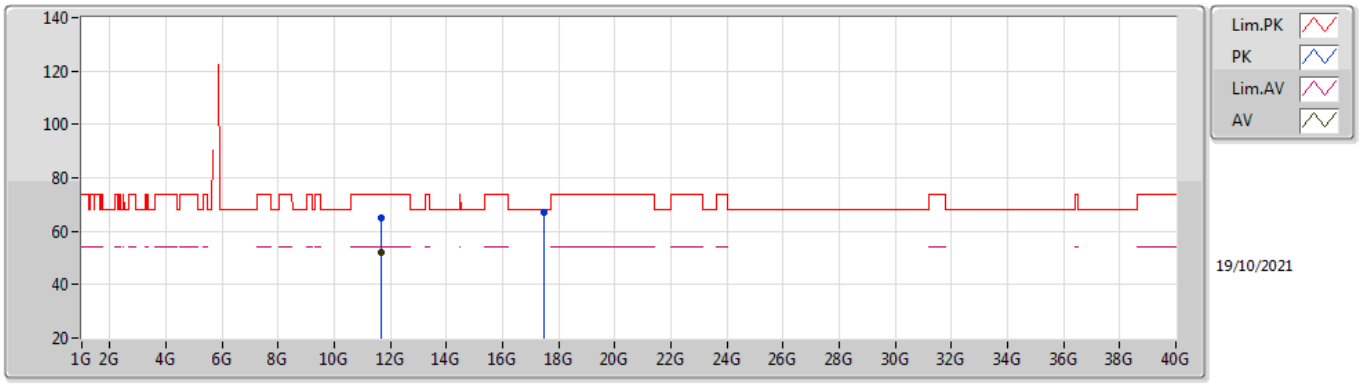


EUT Y_4TX
Setting 16.5
06-F-S-5

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	11.64992G	58.25	74.00	-15.75	43.59	3	Vertical	197	2.41	-	39.35	9.59	34.28
AV	11.64876G	45.61	54.00	-8.39	30.95	3	Vertical	197	2.41	-	39.35	9.59	34.28
PK	17.47164G	66.86	68.20	-1.34	44.40	3	Vertical	131	2.04	-	42.87	14.29	34.70

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

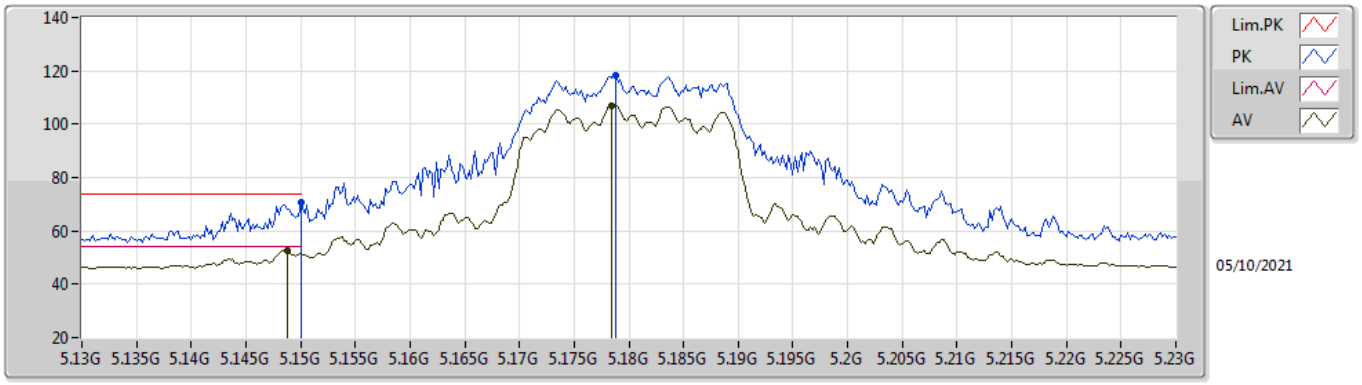


EUT Y_4TX
Setting 16.5
06-F-S-5

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	11.6506G	65.07	74.00	-8.93	50.41	3	Horizontal	235	1.56	-	39.35	9.59	34.28
AV	11.64968G	51.90	54.00	-2.10	37.24	3	Horizontal	235	1.56	-	39.35	9.59	34.28
PK	17.47584G	66.93	68.20	-1.27	44.42	3	Horizontal	214	1.76	-	42.91	14.30	34.70

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

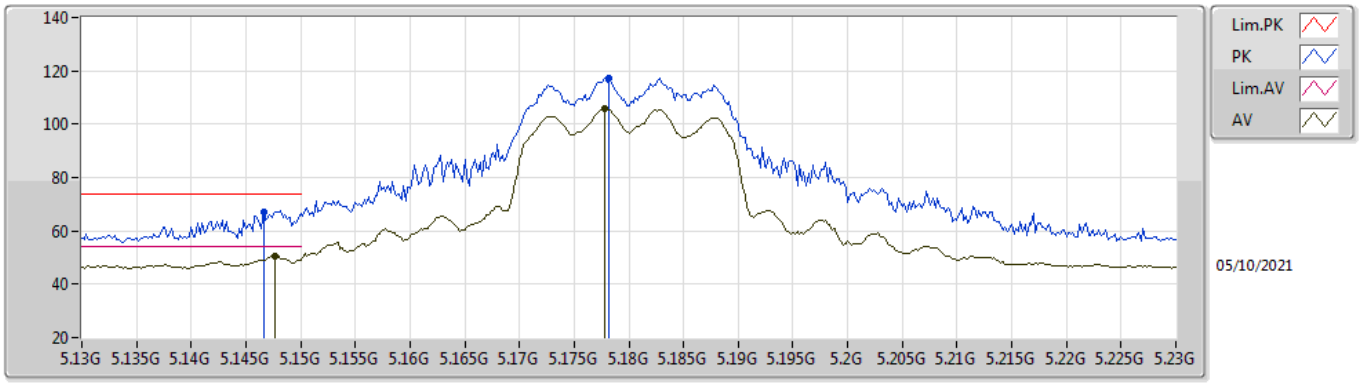


EUT Y_4TX
Setting 17.5
02-C-S-8-10

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	70.52	74.00	-3.48	63.92	3	Vertical	114	1.58	-	33.50	5.25	32.15
AV	5.1488G	52.65	54.00	-1.35	46.05	3	Vertical	114	1.58	-	33.50	5.25	32.15
PK	5.1788G	118.36	Inf	-Inf	111.73	3	Vertical	114	1.58	-	33.50	5.28	32.15
AV	5.1784G	107.10	Inf	-Inf	100.47	3	Vertical	114	1.58	-	33.50	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

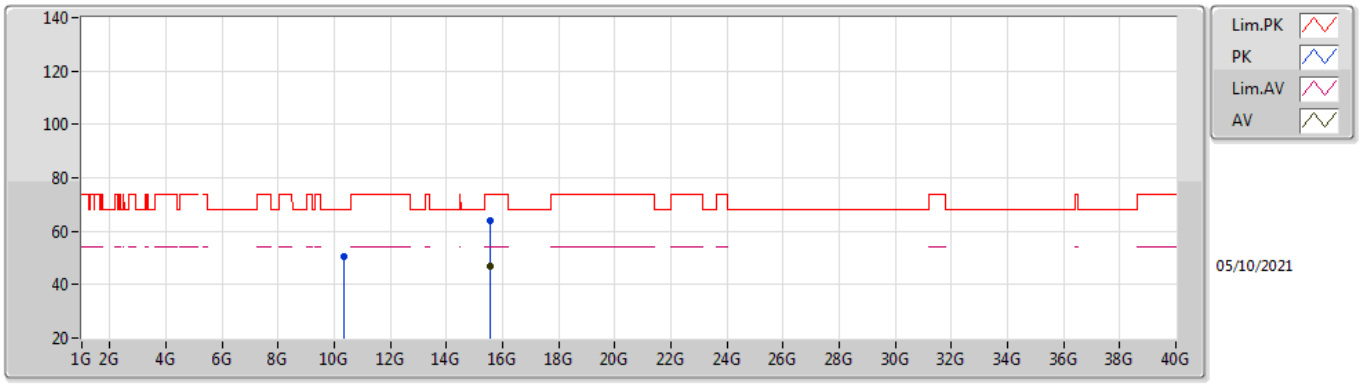


EUT Y_4TX
Setting 17.5
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1466G	67.19	74.00	-6.81	60.59	3	Horizontal	275	1.80	-	33.50	5.25	32.15
AV	5.1476G	50.31	54.00	-3.69	43.71	3	Horizontal	275	1.80	-	33.50	5.25	32.15
PK	5.1782G	117.33	Inf	-Inf	110.70	3	Horizontal	275	1.80	-	33.50	5.28	32.15
AV	5.1778G	105.67	Inf	-Inf	99.04	3	Horizontal	275	1.80	-	33.50	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

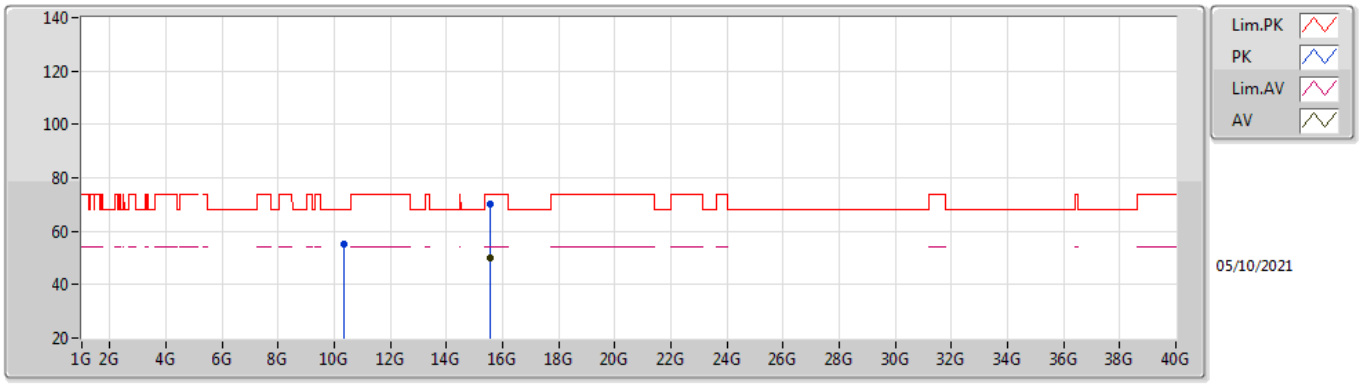


EUT Y_4TX
Setting 17.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35456G	50.47	68.20	-17.73	37.53	3	Vertical	110	1.90	-	38.45	7.44	32.95
PK	15.54736G	64.17	74.00	-9.83	49.82	3	Vertical	303	1.78	-	37.76	9.80	33.21
AV	15.53664G	47.08	54.00	-6.92	32.69	3	Vertical	303	1.78	-	37.79	9.79	33.19

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

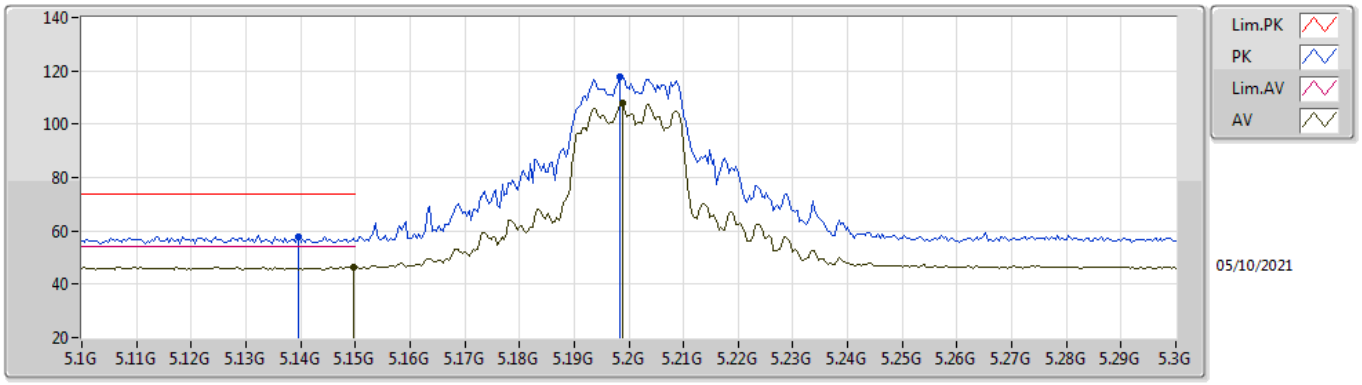


EUT Y_4TX
Setting 17.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35648G	55.41	68.20	-12.79	42.49	3	Horizontal	162	2.17	-	38.44	7.44	32.96
PK	15.53984G	69.96	74.00	-4.04	55.59	3	Horizontal	201	1.86	-	37.78	9.79	33.20
AV	15.54048G	49.86	54.00	-4.14	35.49	3	Horizontal	201	1.86	-	37.78	9.79	33.20

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

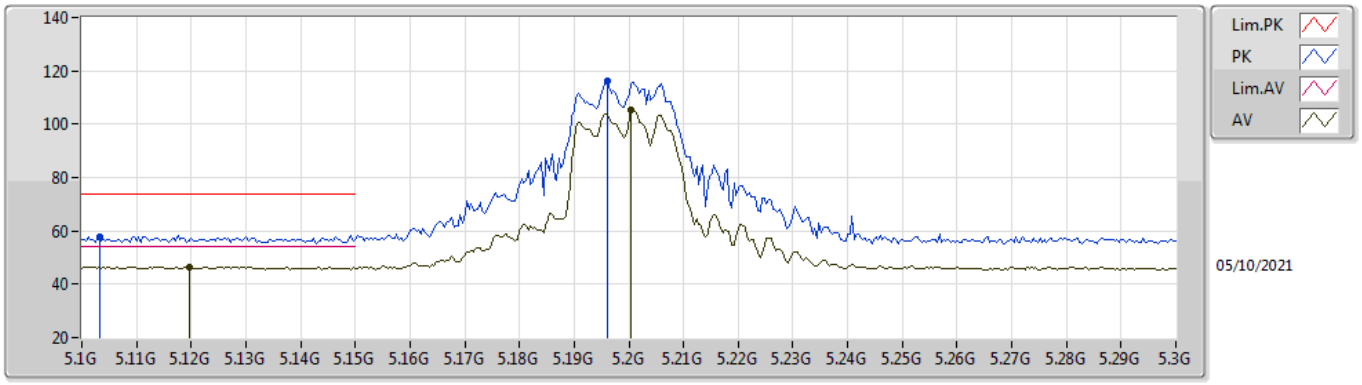


EUT Y_4TX
Setting 18
02-C-S-8-10

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	5.1396G	57.90	74.00	-16.10	51.31	3	Vertical	114	1.56	-	33.50	5.24	32.15
AV	5.1496G	46.28	54.00	-7.72	39.68	3	Vertical	114	1.56	-	33.50	5.25	32.15
PK	5.1984G	117.77	Inf	-Inf	111.12	3	Vertical	114	1.56	-	33.50	5.30	32.15
AV	5.1988G	107.90	Inf	-Inf	101.25	3	Vertical	114	1.56	-	33.50	5.30	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

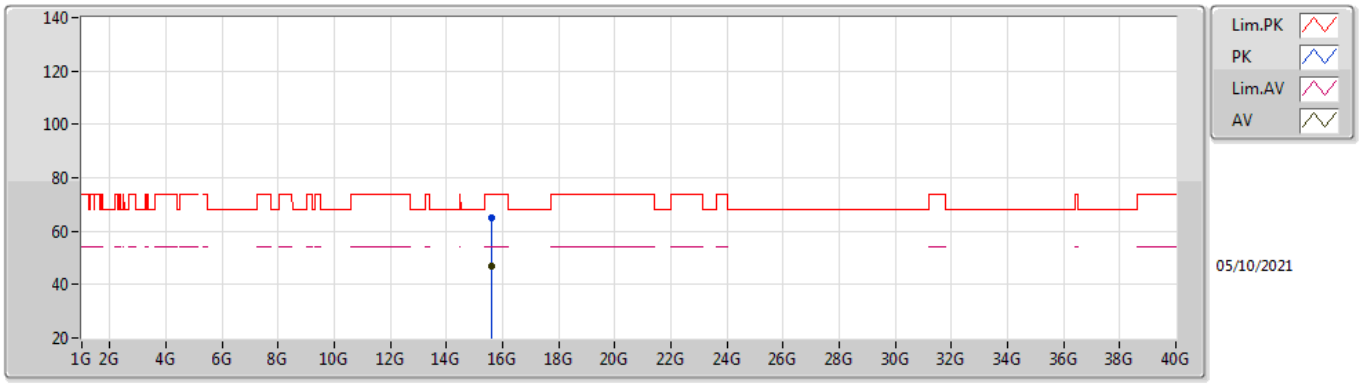


EUT Y_4TX
Setting 18
02-C-S-8-10

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	5.1032G	57.98	74.00	-16.02	51.43	3	Horizontal	258	1.83	-	33.50	5.20	32.15
AV	5.1196G	46.24	54.00	-7.76	39.67	3	Horizontal	258	1.83	-	33.50	5.22	32.15
PK	5.196G	116.13	Inf	-Inf	109.48	3	Horizontal	258	1.83	-	33.50	5.30	32.15
AV	5.2004G	105.30	Inf	-Inf	98.65	3	Horizontal	258	1.83	-	33.50	5.30	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

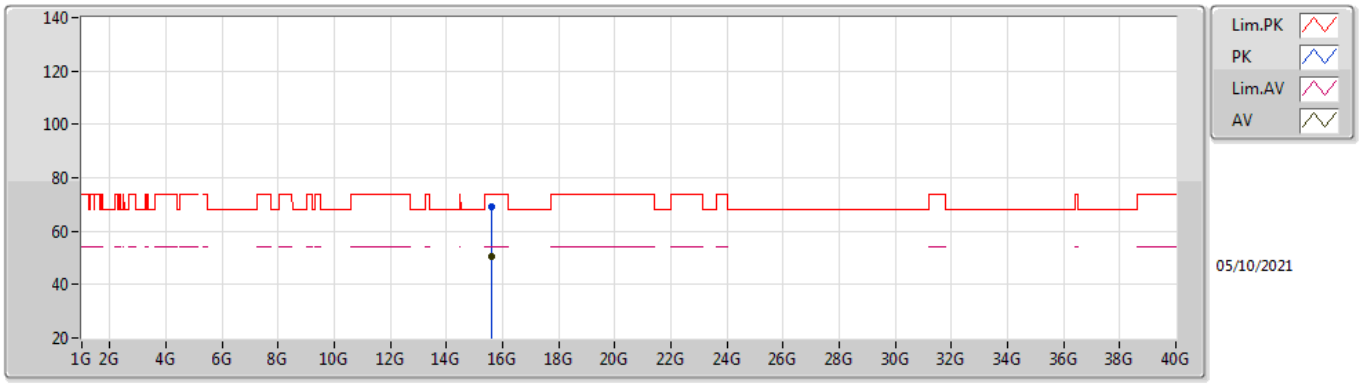


EUT Y_4TX
Setting 18
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60112G	64.97	74.00	-9.03	50.82	3	Vertical	303	1.80	-	37.60	9.82	33.27
AV	15.59624G	46.94	54.00	-7.06	32.77	3	Vertical	303	1.80	-	37.61	9.82	33.26

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

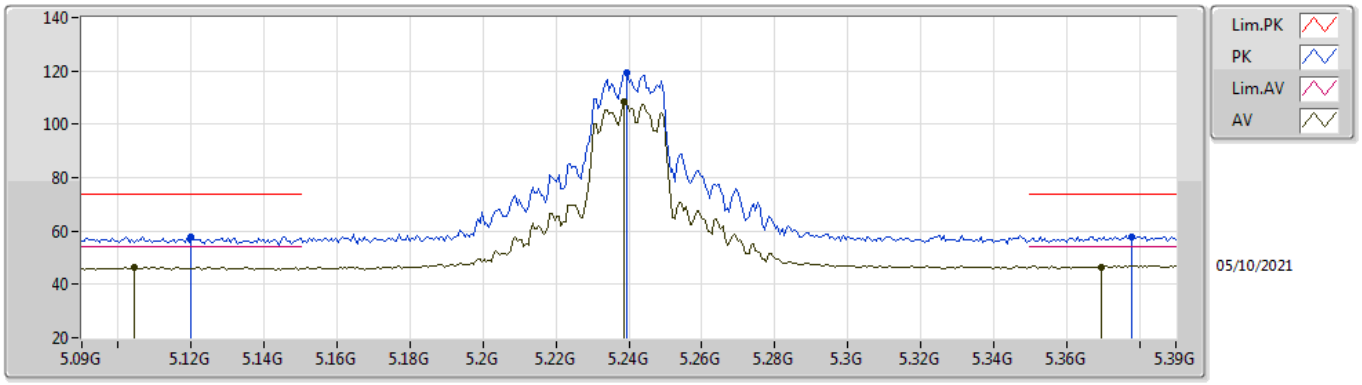


EUT Y_4TX
Setting 18
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
AV	15.59544G	50.54	54.00	-3.46	36.37	3	Horizontal	199	1.89	-	37.61	9.82	33.26
PK	15.60616G	69.13	74.00	-4.87	55.00	3	Horizontal	199	1.89	-	37.59	9.82	33.28

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

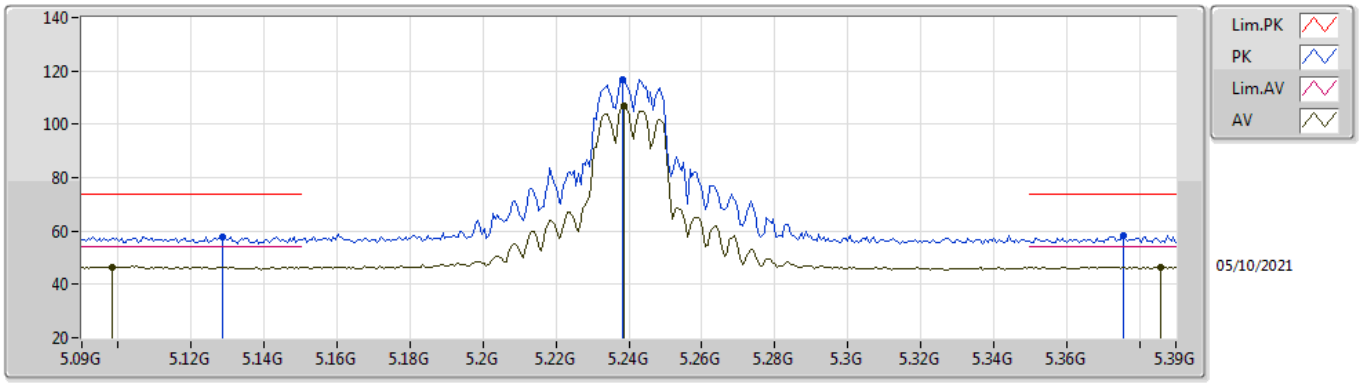


EUT Y_4TX
Setting 18
02-C-S-8-10

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	5.12G	58.00	74.00	-16.00	51.43	3	Vertical	110	1.53	-	33.50	5.22	32.15
AV	5.1044G	46.27	54.00	-7.73	39.72	3	Vertical	110	1.53	-	33.50	5.20	32.15
PK	5.2394G	119.47	Inf	-Inf	112.72	3	Vertical	110	1.53	-	33.58	5.32	32.15
AV	5.2388G	108.21	Inf	-Inf	101.46	3	Vertical	110	1.53	-	33.58	5.32	32.15
PK	5.378G	57.74	74.00	-16.26	50.73	3	Vertical	110	1.53	-	33.76	5.39	32.14
AV	5.3696G	46.60	54.00	-7.40	39.62	3	Vertical	110	1.53	-	33.74	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

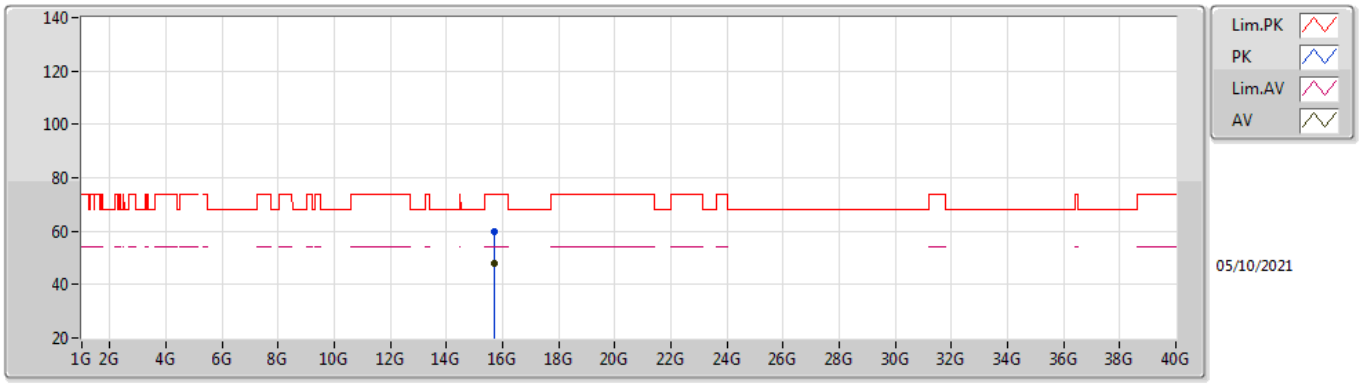


EUT Y_4TX
Setting 18
02-C-S-8-10

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	5.1284G	57.88	74.00	-16.12	51.30	3	Horizontal	299	2.29	-	33.50	5.23	32.15
AV	5.0984G	46.42	54.00	-7.58	39.88	3	Horizontal	299	2.29	-	33.49	5.20	32.15
PK	5.2382G	116.82	Inf	-Inf	110.07	3	Horizontal	299	2.29	-	33.58	5.32	32.15
AV	5.2388G	106.64	Inf	-Inf	99.89	3	Horizontal	299	2.29	-	33.58	5.32	32.15
PK	5.3756G	58.41	74.00	-15.59	51.41	3	Horizontal	299	2.29	-	33.75	5.39	32.14
AV	5.3858G	46.30	54.00	-7.70	39.28	3	Horizontal	299	2.29	-	33.77	5.39	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

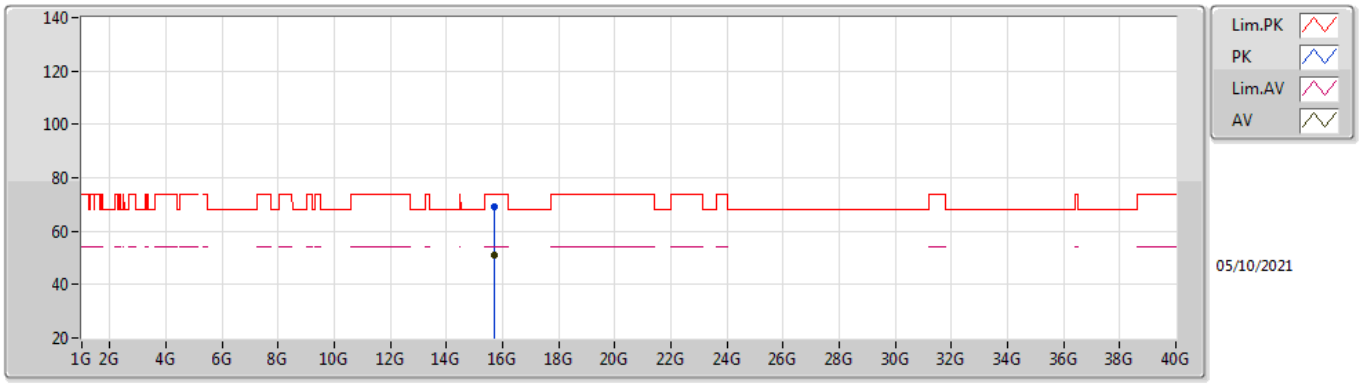


EUT Y_4TX
Setting 18
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.71856G	59.58	74.00	-14.42	45.72	3	Vertical	21	1.97	-	37.40	9.87	33.41
AV	15.72184G	48.10	54.00	-5.90	34.24	3	Vertical	21	1.97	-	37.40	9.87	33.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

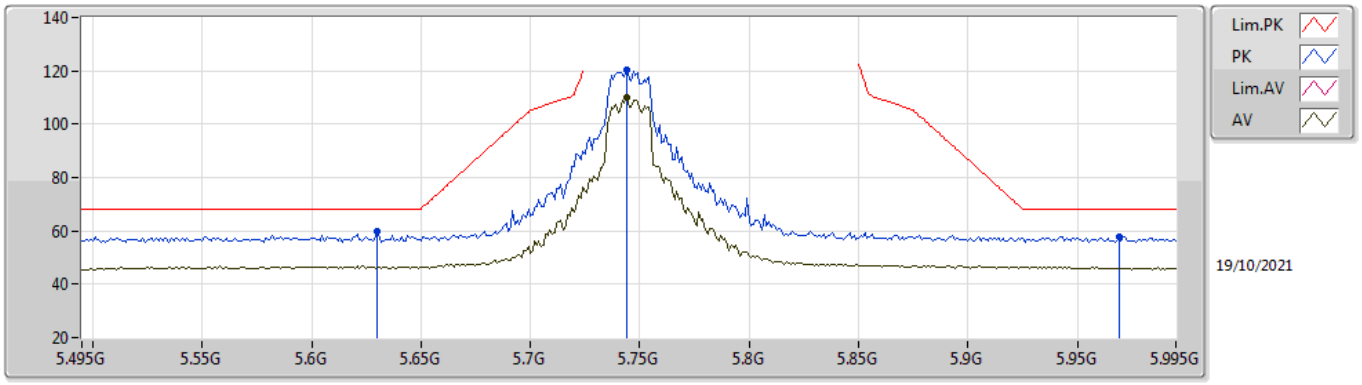


EUT Y_4TX
Setting 18
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
AV	15.7204G	50.79	54.00	-3.21	36.93	3	Horizontal	201	1.86	-	37.40	9.87	33.41
PK	15.71784G	69.08	74.00	-4.92	55.22	3	Horizontal	201	1.86	-	37.40	9.87	33.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

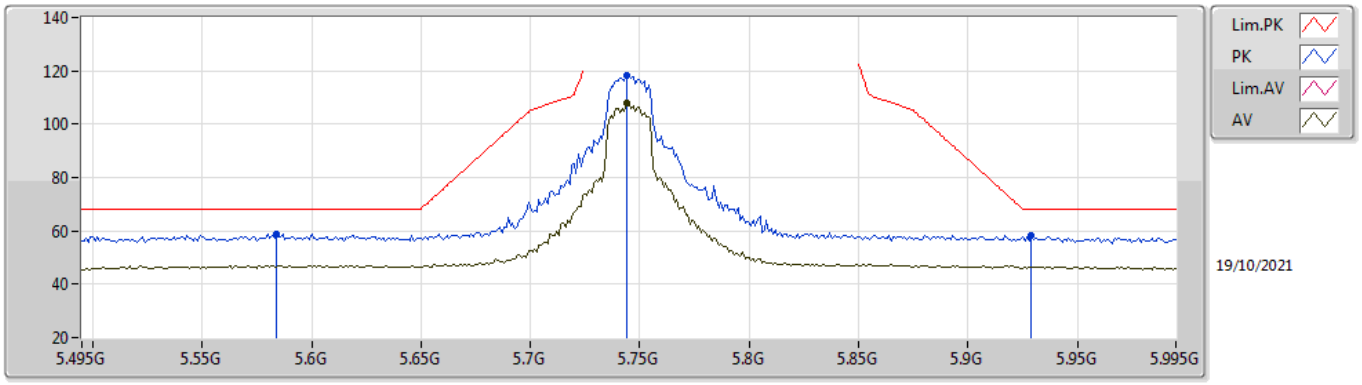


EUT Y_4TX
Setting 18.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.63G	59.57	68.20	-8.63	54.18	3	Vertical	96	1.40	-	31.60	6.00	32.21
PK	5.744G	120.14	Inf	-Inf	114.44	3	Vertical	96	1.40	-	31.98	6.00	32.28
AV	5.744G	109.91	Inf	-Inf	104.21	3	Vertical	96	1.40	-	31.98	6.00	32.28
PK	5.969G	57.82	68.20	-10.38	51.95	3	Vertical	96	1.40	-	32.20	6.08	32.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

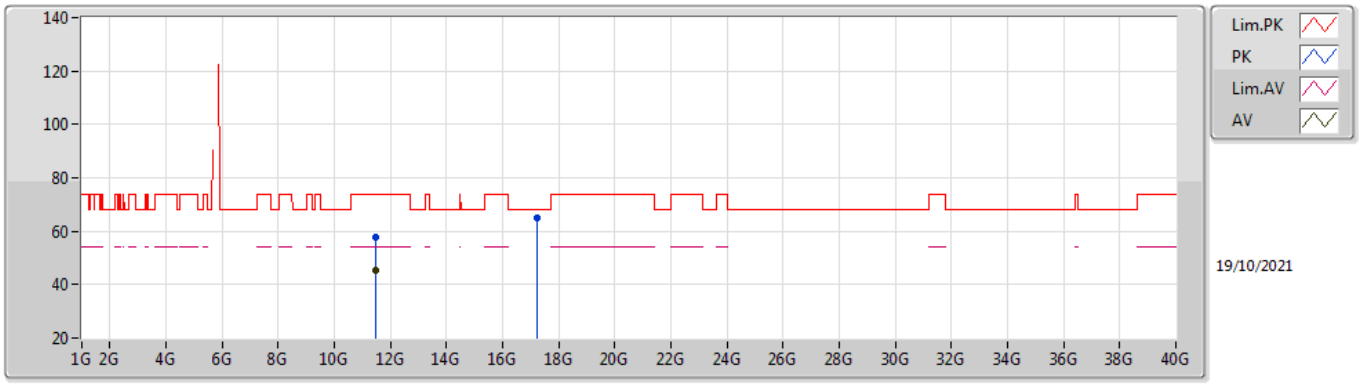


EUT Y_4TX
Setting 18.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.584G	59.02	68.20	-9.18	53.65	3	Horizontal	271	1.40	-	31.57	5.98	32.18
PK	5.744G	118.06	Inf	-Inf	112.36	3	Horizontal	271	1.40	-	31.98	6.00	32.28
AV	5.744G	108.10	Inf	-Inf	102.40	3	Horizontal	271	1.40	-	31.98	6.00	32.28
PK	5.929G	58.47	68.20	-9.73	52.64	3	Horizontal	271	1.40	-	32.16	6.06	32.39

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

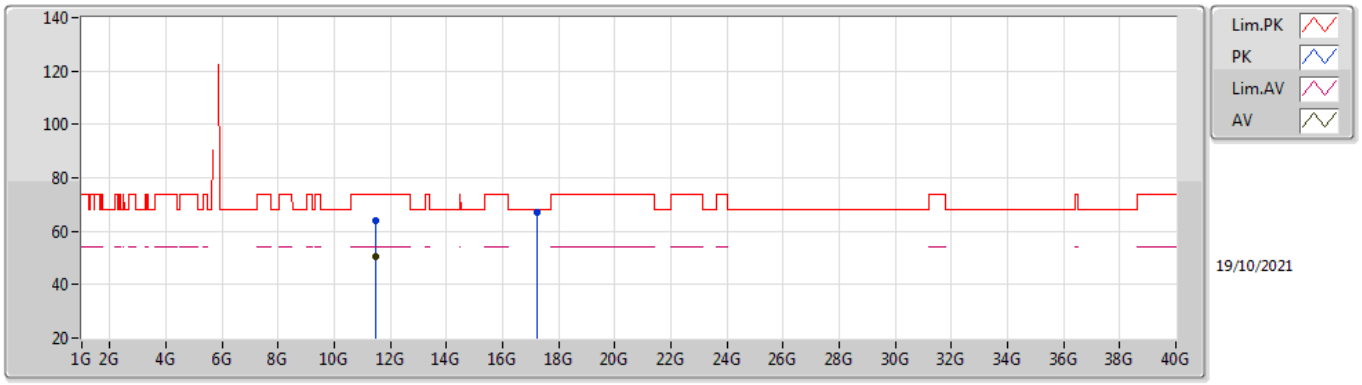


EUT Y_4TX
Setting 18.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4825G	57.63	74.00	-16.37	42.81	3	Vertical	290	1.84	-	39.64	9.49	34.31
AV	11.4913G	45.20	54.00	-8.80	30.40	3	Vertical	290	1.84	-	39.62	9.49	34.31
PK	17.2347G	65.17	68.20	-3.03	44.71	3	Vertical	226	3.00	-	41.04	14.02	34.60

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

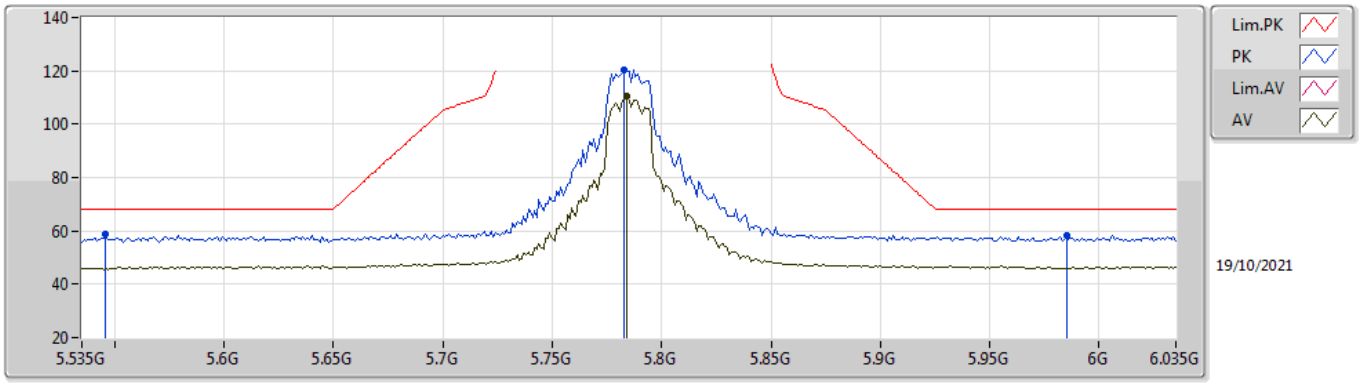


EUT Y_4TX
Setting 18.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4867G	63.74	74.00	-10.26	48.93	3	Horizontal	233	1.57	-	39.63	9.49	34.31
AV	11.4894G	50.69	54.00	-3.31	35.89	3	Horizontal	233	1.57	-	39.62	9.49	34.31
PK	17.2337G	67.17	68.20	-1.03	46.72	3	Horizontal	227	1.78	-	41.03	14.02	34.60

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

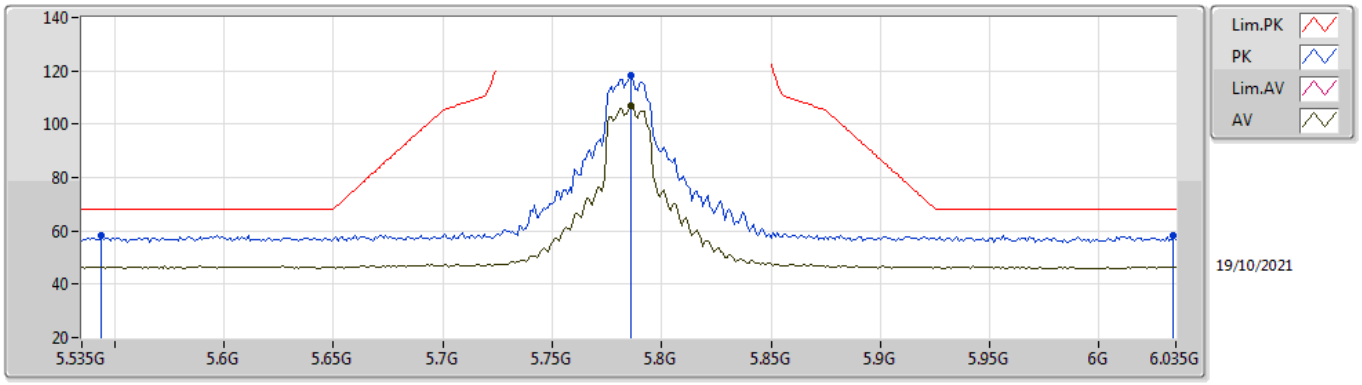


EUT Y_4TX
Setting 18
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.546G	58.91	68.20	-9.29	53.62	3	Vertical	94	1.33	-	31.50	5.95	32.16
PK	5.783G	120.51	Inf	-Inf	114.81	3	Vertical	94	1.33	-	32.00	6.00	32.30
AV	5.784G	110.41	Inf	-Inf	104.71	3	Vertical	94	1.33	-	32.00	6.00	32.30
PK	5.985G	58.37	68.20	-9.83	52.50	3	Vertical	94	1.33	-	32.20	6.09	32.42

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

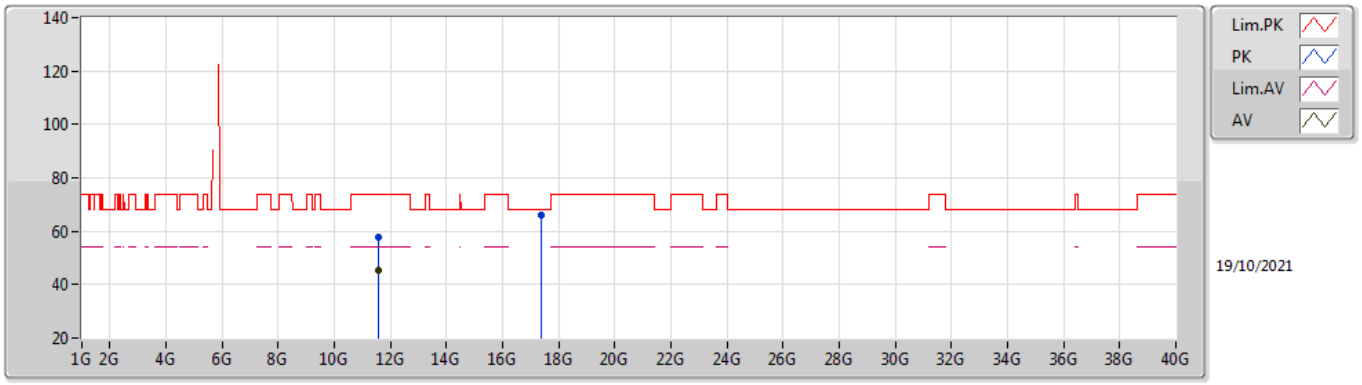


EUT Y_4TX
Setting 18
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.544G	58.48	68.20	-9.72	53.20	3	Horizontal	281	1.78	-	31.50	5.94	32.16
PK	5.786G	118.52	Inf	-Inf	112.82	3	Horizontal	281	1.78	-	32.00	6.00	32.30
AV	5.786G	107.03	Inf	-Inf	101.33	3	Horizontal	281	1.78	-	32.00	6.00	32.30
PK	6.034G	58.46	68.20	-9.74	52.38	3	Horizontal	281	1.78	-	32.40	6.12	32.44

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

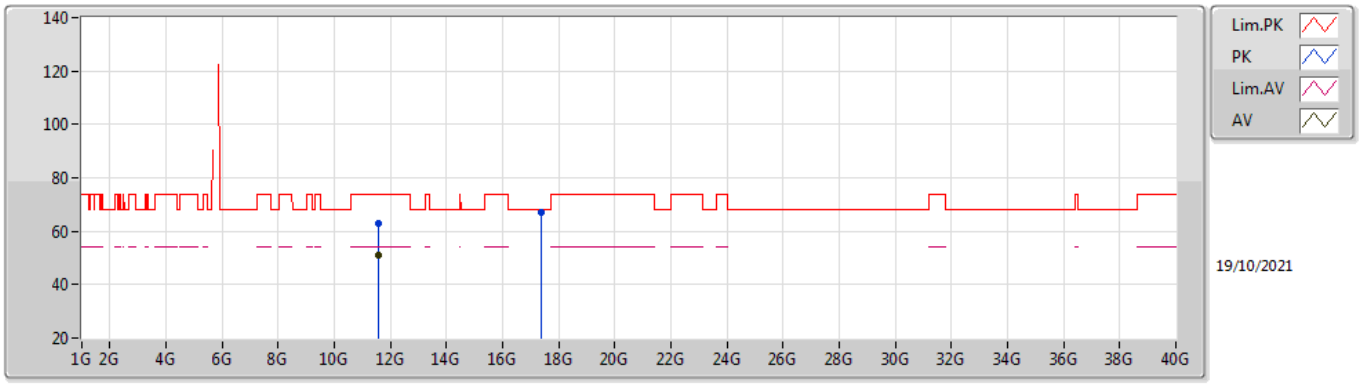


EUT Y_4TX
Setting 18
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5695G	57.92	74.00	-16.08	43.15	3	Vertical	188	2.96	-	39.53	9.54	34.30
AV	11.5681G	45.51	54.00	-8.49	30.74	3	Vertical	188	2.96	-	39.53	9.54	34.30
PK	17.3702G	65.86	68.20	-2.34	44.34	3	Vertical	171	2.10	-	42.00	14.18	34.66

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

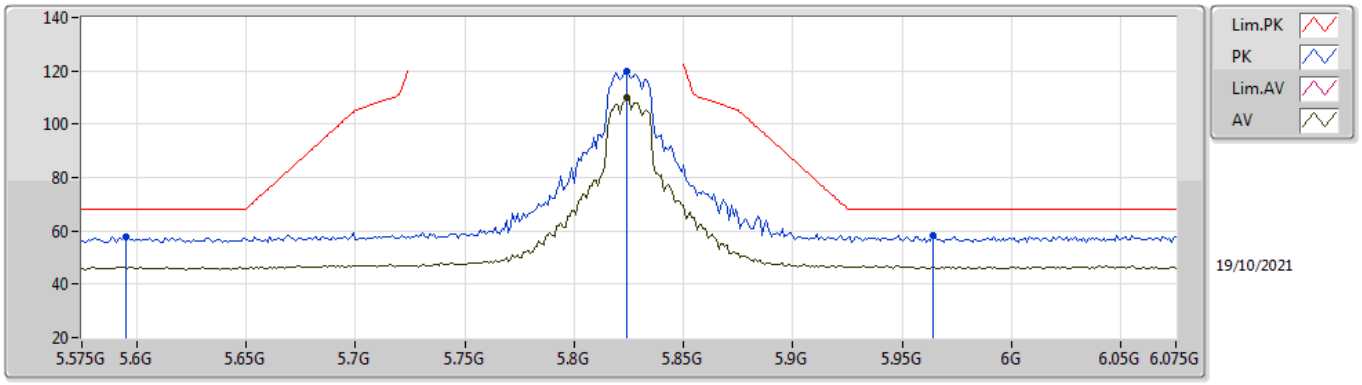


EUT Y_4TX
Setting 18
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5724G	62.78	74.00	-11.22	48.01	3	Horizontal	235	1.58	-	39.53	9.54	34.30
AV	11.5685G	50.79	54.00	-3.21	36.02	3	Horizontal	235	1.58	-	39.53	9.54	34.30
PK	17.3547G	66.86	68.20	-1.34	45.50	3	Horizontal	214	1.74	-	41.85	14.16	34.65

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

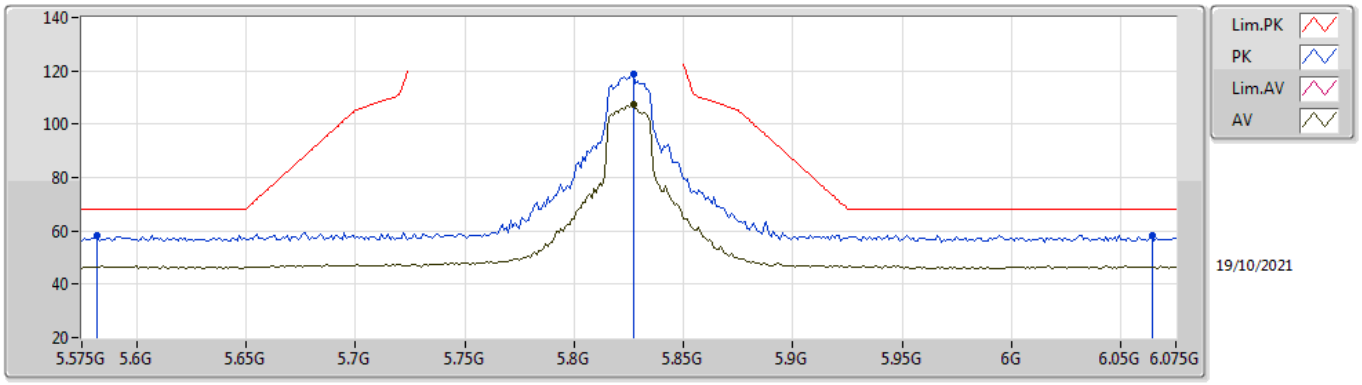


EUT Y_4TX
Setting 18
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.595G	57.73	68.20	-10.47	52.33	3	Vertical	91	1.36	-	31.59	6.00	32.19
PK	5.824G	119.93	Inf	-Inf	114.24	3	Vertical	91	1.36	-	32.00	6.01	32.32
AV	5.824G	109.95	Inf	-Inf	104.26	3	Vertical	91	1.36	-	32.00	6.01	32.32
PK	5.964G	58.32	68.20	-9.88	52.45	3	Vertical	91	1.36	-	32.20	6.08	32.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

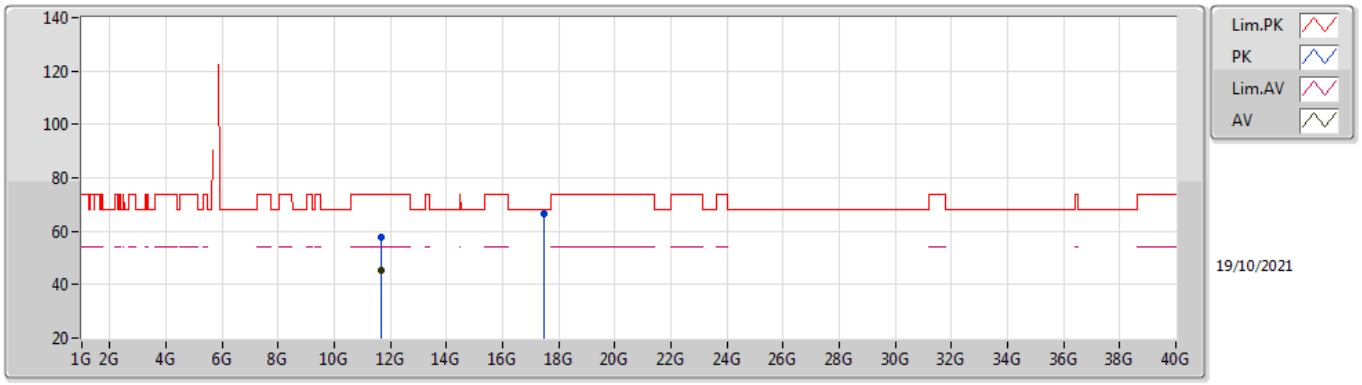


EUT Y_4TX
Setting 18
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.582G	58.28	68.20	-9.92	52.92	3	Horizontal	271	1.61	-	31.56	5.98	32.18
PK	5.827G	118.68	Inf	-Inf	113.00	3	Horizontal	271	1.61	-	32.00	6.01	32.33
AV	5.827G	107.17	Inf	-Inf	101.49	3	Horizontal	271	1.61	-	32.00	6.01	32.33
PK	6.064G	58.50	68.20	-9.70	52.36	3	Horizontal	271	1.61	-	32.47	6.13	32.46

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

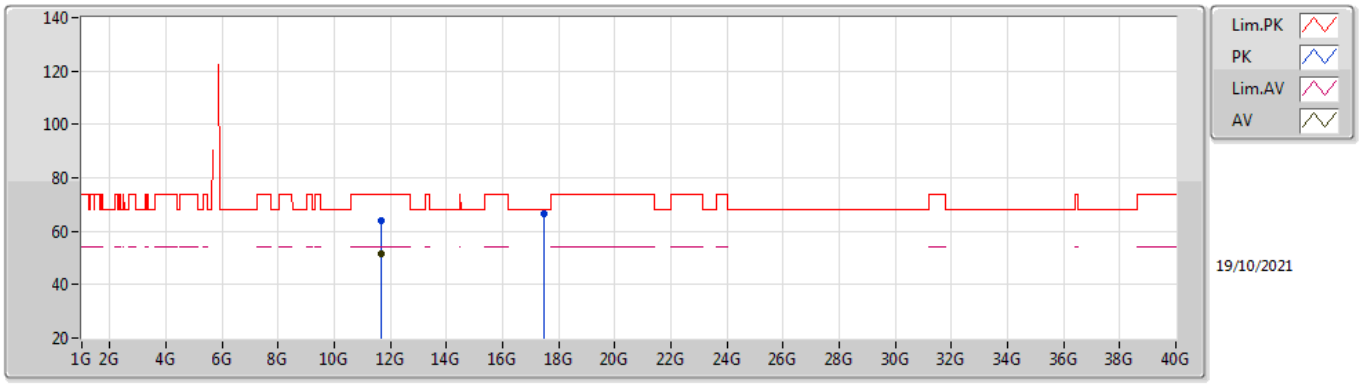


EUT Y_4TX
Setting 18
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6517G	57.82	74.00	-16.18	43.17	3	Vertical	195	1.80	-	39.34	9.59	34.28
AV	11.6515G	45.43	54.00	-8.57	30.77	3	Vertical	195	1.80	-	39.35	9.59	34.28
PK	17.488G	66.72	68.20	-1.48	44.11	3	Vertical	360	1.92	-	43.00	14.31	34.70

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

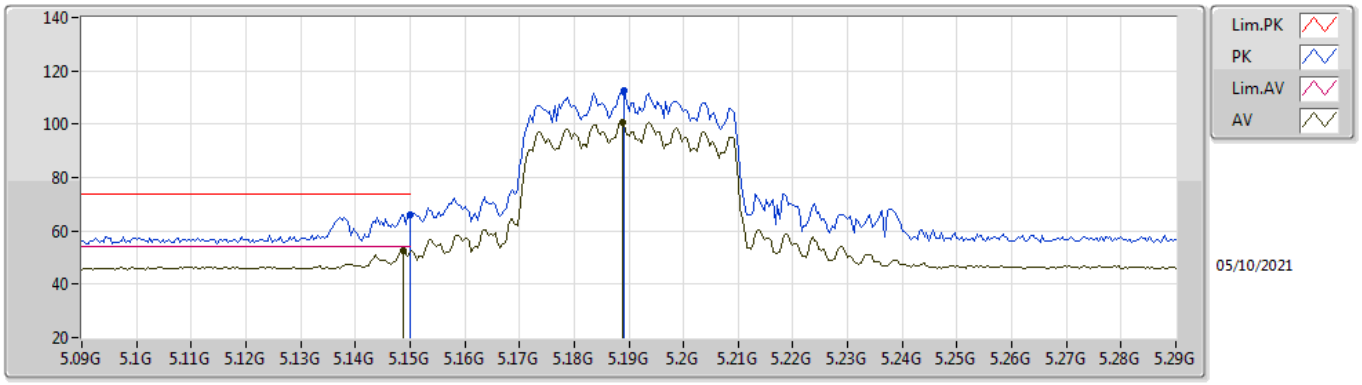


EUT Y_4TX
Setting 18
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6518G	64.02	74.00	-9.98	49.37	3	Horizontal	232	1.62	-	39.34	9.59	34.28
AV	11.6502G	51.51	54.00	-2.49	36.85	3	Horizontal	232	1.62	-	39.35	9.59	34.28
PK	17.4825G	66.75	68.20	-1.45	44.19	3	Horizontal	214	1.80	-	42.96	14.30	34.70

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

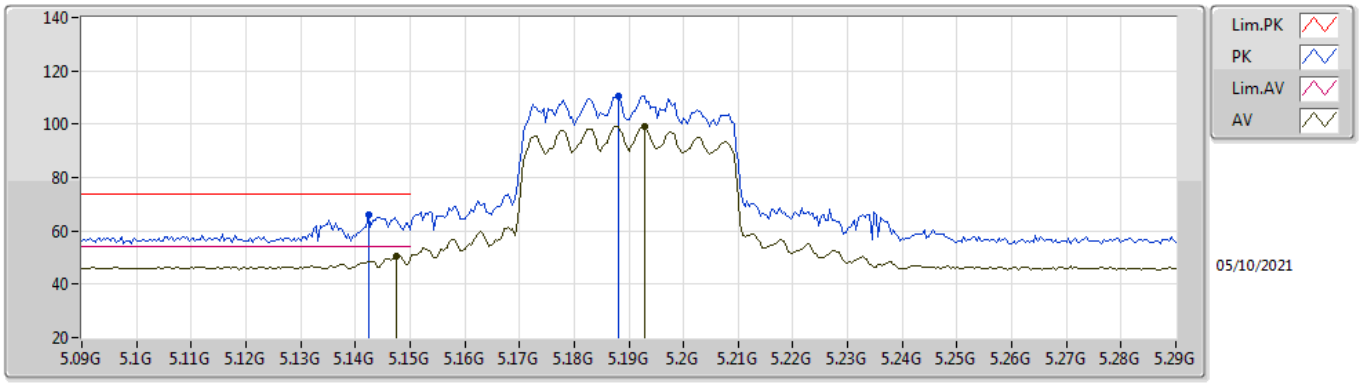


EUT Y_4TX
Setting 14
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.20	74.00	-7.80	59.60	3	Vertical	112	1.59	-	33.50	5.25	32.15
AV	5.1488G	52.71	54.00	-1.29	46.11	3	Vertical	112	1.59	-	33.50	5.25	32.15
PK	5.1892G	112.35	Inf	-Inf	105.71	3	Vertical	112	1.59	-	33.50	5.29	32.15
AV	5.1888G	100.81	Inf	-Inf	94.17	3	Vertical	112	1.59	-	33.50	5.29	32.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

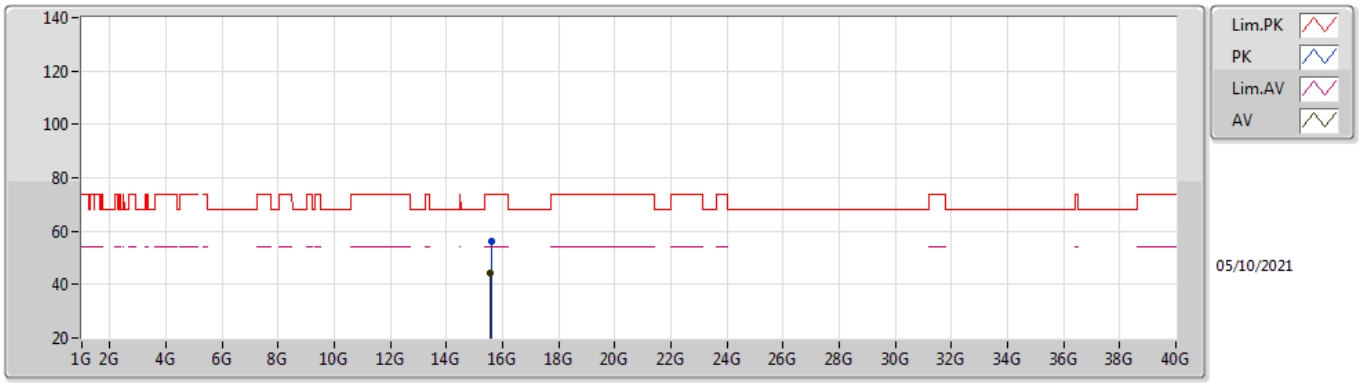


EUT Y_4TX
Setting 14
02-C-S-8-10

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	5.1424G	66.00	74.00	-8.00	59.41	3	Horizontal	274	1.80	-	33.50	5.24	32.15
AV	5.1476G	50.27	54.00	-3.73	43.67	3	Horizontal	274	1.80	-	33.50	5.25	32.15
PK	5.188G	110.68	Inf	-Inf	104.04	3	Horizontal	274	1.80	-	33.50	5.29	32.15
AV	5.1928G	98.98	Inf	-Inf	92.34	3	Horizontal	274	1.80	-	33.50	5.29	32.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

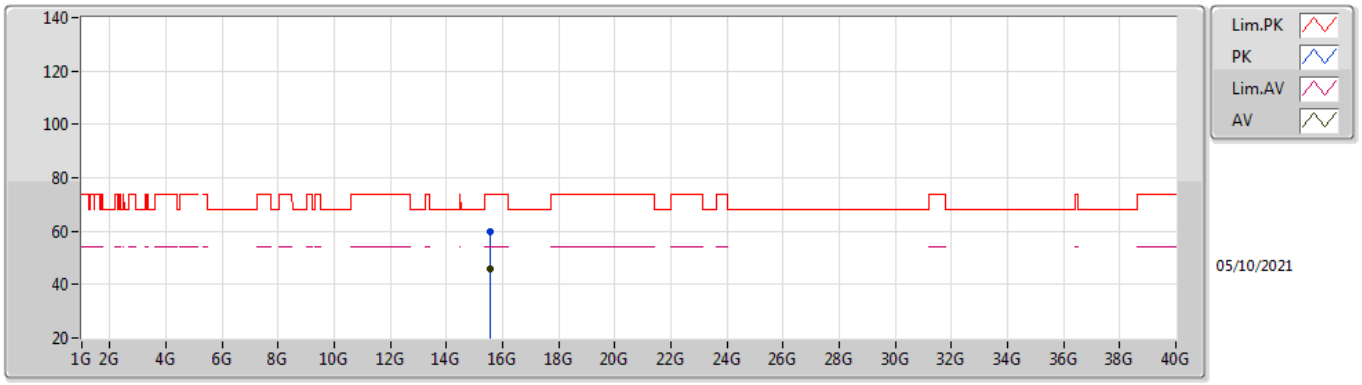


EUT Y_4TX
Setting 14
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5828G	56.42	74.00	-17.58	42.21	3	Vertical	250	1.14	-	37.65	9.81	33.25
AV	15.57472G	44.54	54.00	-9.46	30.29	3	Vertical	250	1.14	-	37.68	9.81	33.24

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

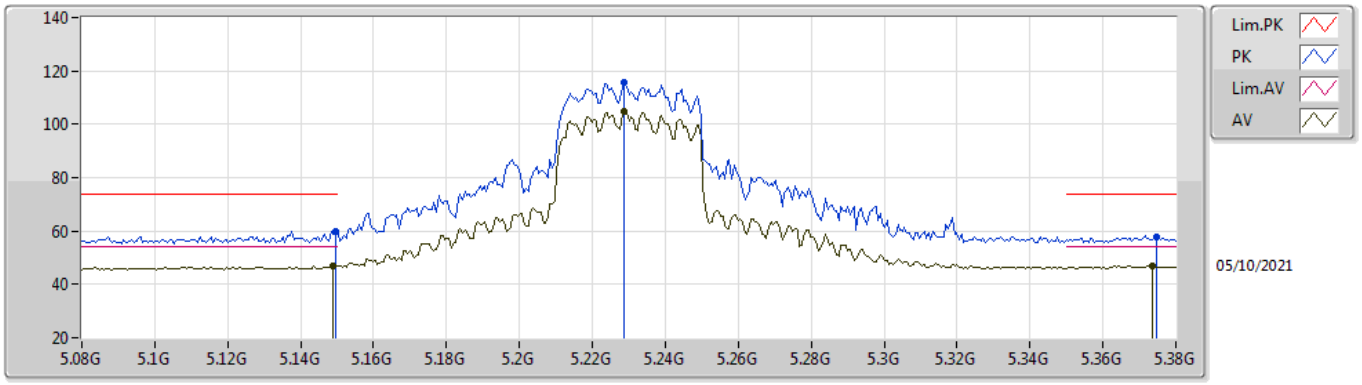


EUT Y_4TX
Setting 14
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5696G	59.92	74.00	-14.08	45.65	3	Horizontal	192	2.39	-	37.69	9.81	33.23
AV	15.57928G	45.77	54.00	-8.23	31.54	3	Horizontal	192	2.39	-	37.66	9.81	33.24

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

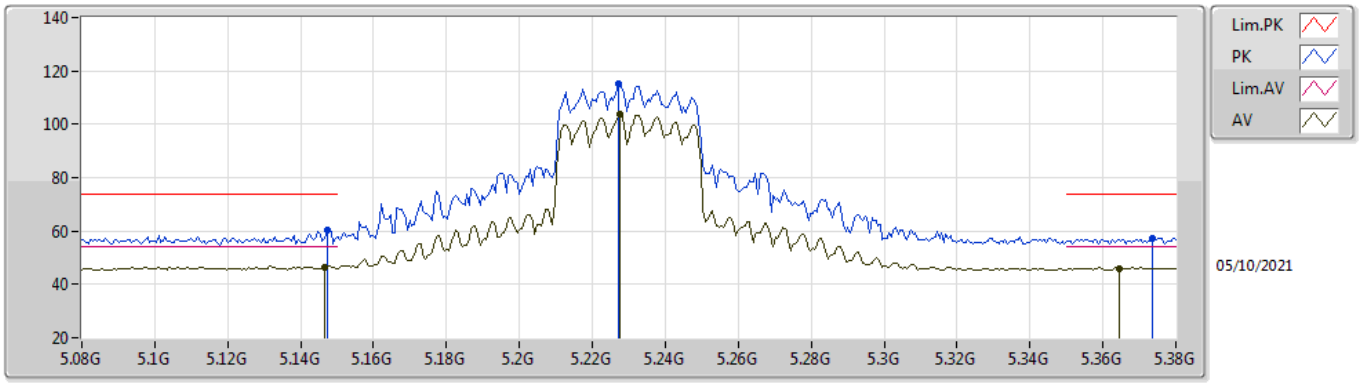


EUT Y_4TX
Setting 17.5
02-C-S-8-10

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	59.91	74.00	-14.09	53.31	3	Vertical	109	1.56	-	33.50	5.25	32.15
AV	5.149G	46.88	54.00	-7.12	40.28	3	Vertical	109	1.56	-	33.50	5.25	32.15
PK	5.2288G	115.81	Inf	-Inf	109.09	3	Vertical	109	1.56	-	33.56	5.31	32.15
AV	5.2288G	104.92	Inf	-Inf	98.20	3	Vertical	109	1.56	-	33.56	5.31	32.15
PK	5.3746G	57.87	74.00	-16.13	50.87	3	Vertical	109	1.56	-	33.75	5.39	32.14
AV	5.3734G	46.75	54.00	-7.25	39.75	3	Vertical	109	1.56	-	33.75	5.39	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

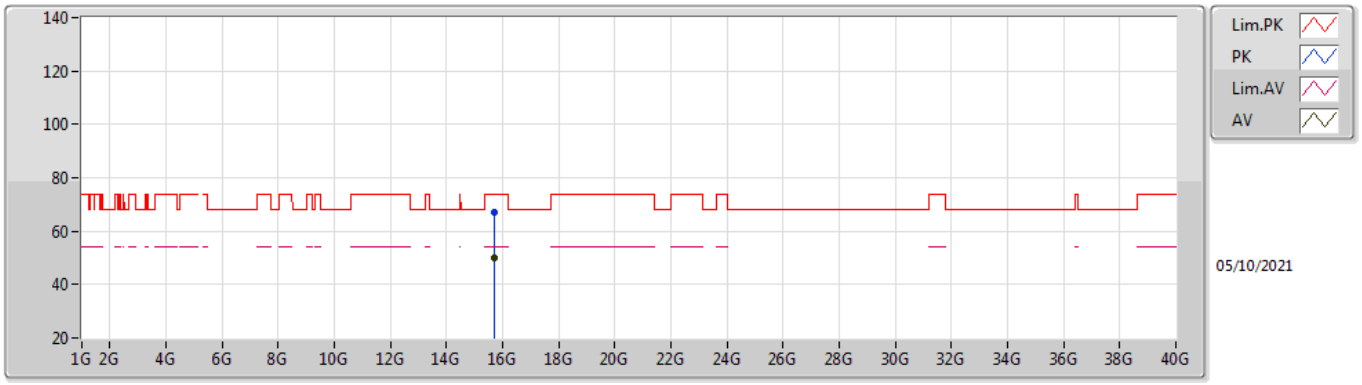


EUT Y_4TX
Setting 17.5
02-C-S-8-10

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	60.34	74.00	-13.66	53.74	3	Horizontal	109	1.93	-	33.50	5.25	32.15
AV	5.1466G	46.58	54.00	-7.42	39.98	3	Horizontal	109	1.93	-	33.50	5.25	32.15
PK	5.227G	115.21	Inf	-Inf	108.50	3	Horizontal	109	1.93	-	33.55	5.31	32.15
AV	5.2276G	103.67	Inf	-Inf	96.95	3	Horizontal	109	1.93	-	33.56	5.31	32.15
PK	5.3734G	57.42	74.00	-16.58	50.42	3	Horizontal	109	1.93	-	33.75	5.39	32.14
AV	5.3644G	45.94	54.00	-8.06	38.97	3	Horizontal	109	1.93	-	33.73	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

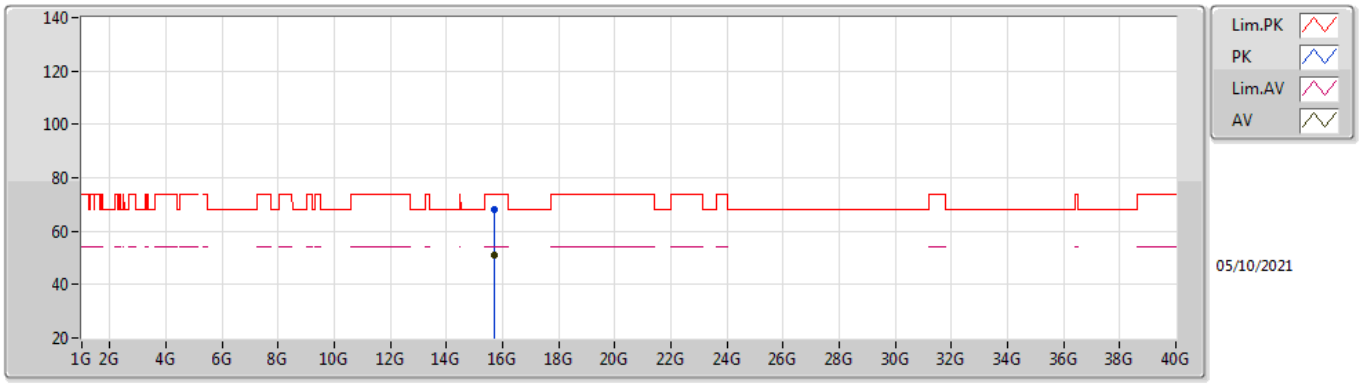


EUT Y_4TX
Setting 17.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.68904G	67.32	74.00	-6.68	53.41	3	Vertical	229	2.56	-	37.42	9.86	33.37
AV	15.68944G	49.93	54.00	-4.07	36.02	3	Vertical	229	2.56	-	37.42	9.86	33.37

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

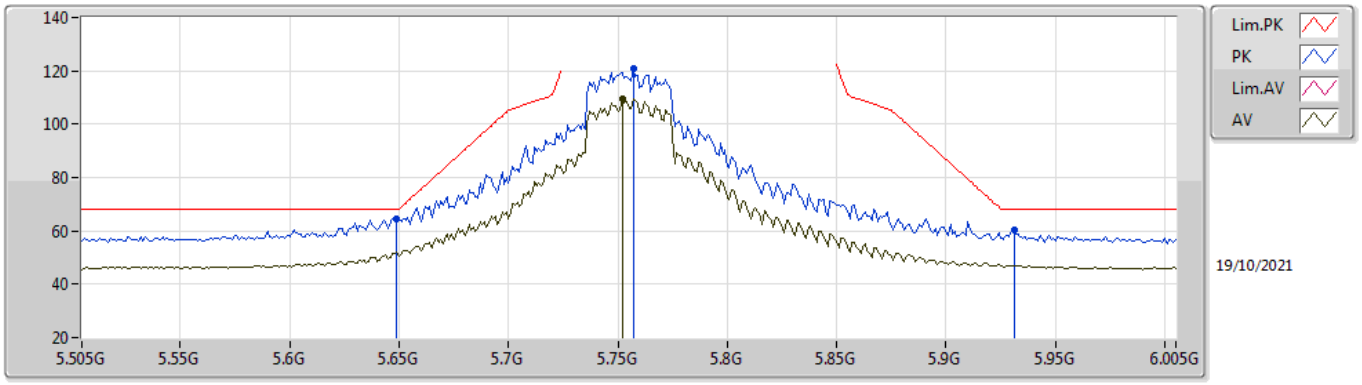


EUT Y_4TX
Setting 17.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.69416G	68.27	74.00	-5.73	54.38	3	Horizontal	194	2.46	-	37.41	9.86	33.38
AV	15.68944G	50.94	54.00	-3.06	37.03	3	Horizontal	194	2.46	-	37.42	9.86	33.37

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

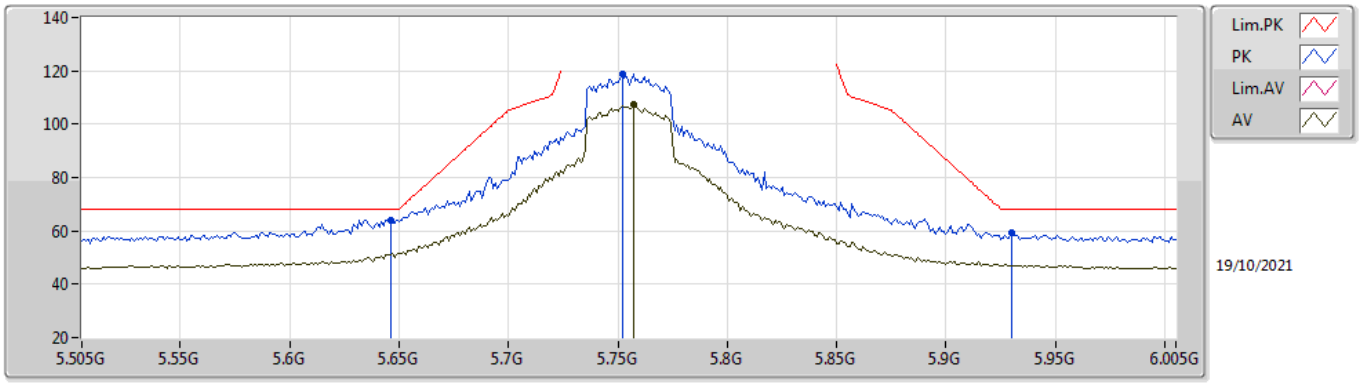


EUT Y_4TX
Setting 21
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	64.65	68.20	-3.55	59.27	3	Vertical	99	1.64	-	31.60	6.00	32.22
PK	5.757G	120.64	Inf	-Inf	114.92	3	Vertical	99	1.64	-	32.00	6.00	32.28
AV	5.752G	109.71	Inf	-Inf	103.99	3	Vertical	99	1.64	-	32.00	6.00	32.28
PK	5.931G	60.54	68.20	-7.66	54.70	3	Vertical	99	1.64	-	32.16	6.07	32.39

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

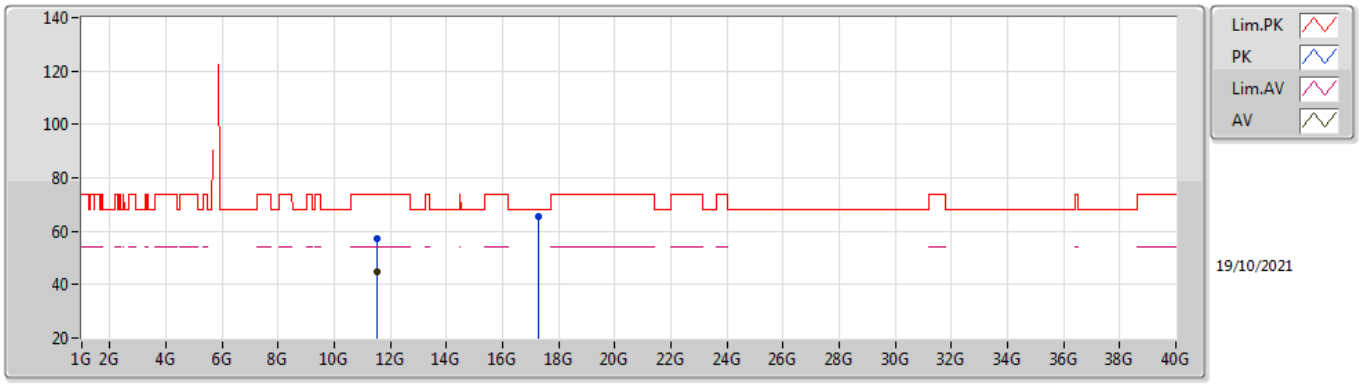


EUT Y_4TX
Setting 21
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	64.21	68.20	-3.99	58.83	3	Horizontal	268	1.69	-	31.60	6.00	32.22
PK	5.752G	118.80	Inf	-Inf	113.08	3	Horizontal	268	1.69	-	32.00	6.00	32.28
AV	5.757G	107.26	Inf	-Inf	101.54	3	Horizontal	268	1.69	-	32.00	6.00	32.28
PK	5.93G	59.40	68.20	-8.80	53.57	3	Horizontal	268	1.69	-	32.16	6.06	32.39

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

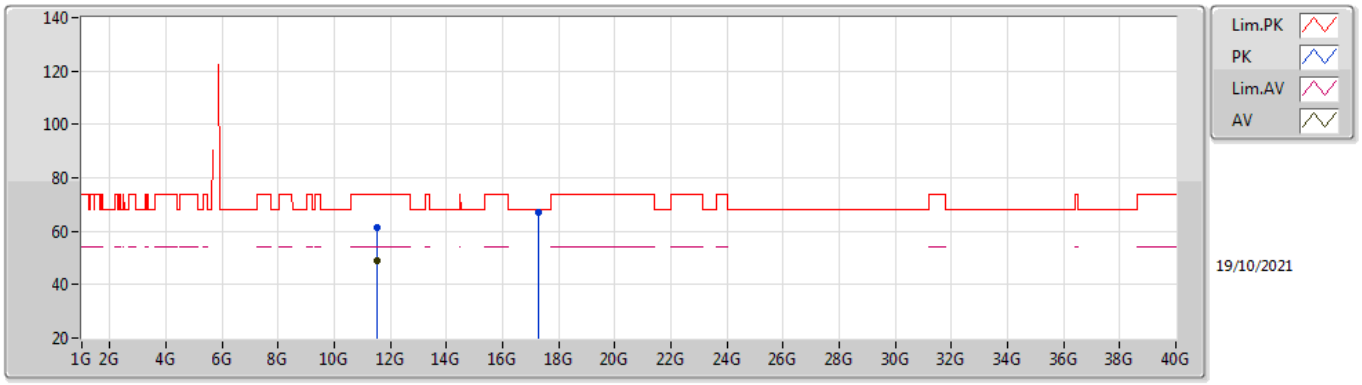


EUT Y_4TX
Setting 21
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5244G	57.30	74.00	-16.70	42.52	3	Vertical	354	1.81	-	39.58	9.51	34.31
AV	11.5042G	45.02	54.00	-8.98	30.23	3	Vertical	354	1.81	-	39.60	9.50	34.31
PK	17.2835G	65.53	68.20	-2.67	44.84	3	Vertical	156	1.80	-	41.23	14.08	34.62

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

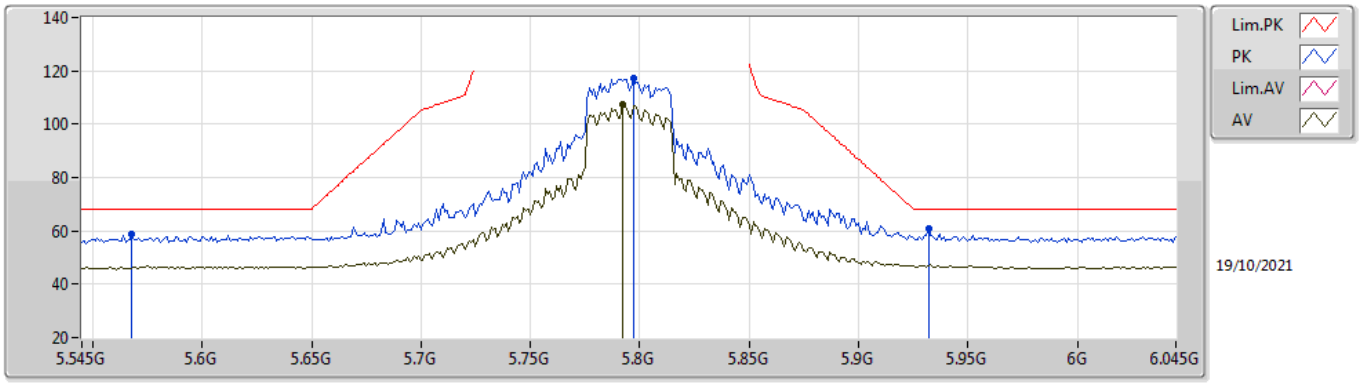


EUT Y_4TX
Setting 21
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5024G	61.30	74.00	-12.70	46.51	3	Horizontal	230	1.62	-	39.60	9.50	34.31
AV	11.5027G	49.14	54.00	-4.86	34.35	3	Horizontal	230	1.62	-	39.60	9.50	34.31
PK	17.264G	66.92	68.20	-1.28	46.32	3	Horizontal	218	1.80	-	41.16	14.05	34.61

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

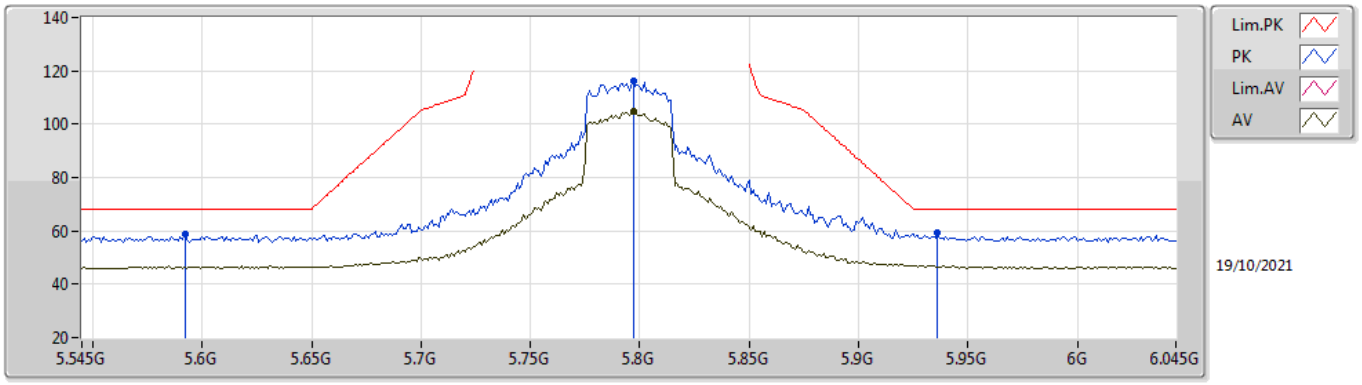


EUT Y_4TX
Setting 18.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.568G	58.58	68.20	-9.62	53.24	3	Vertical	100	1.50	-	31.54	5.97	32.17
PK	5.797G	117.48	Inf	-Inf	111.79	3	Vertical	100	1.50	-	32.00	6.00	32.31
AV	5.792G	107.23	Inf	-Inf	101.54	3	Vertical	100	1.50	-	32.00	6.00	32.31
PK	5.932G	61.08	68.20	-7.12	55.24	3	Vertical	100	1.50	-	32.16	6.07	32.39

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

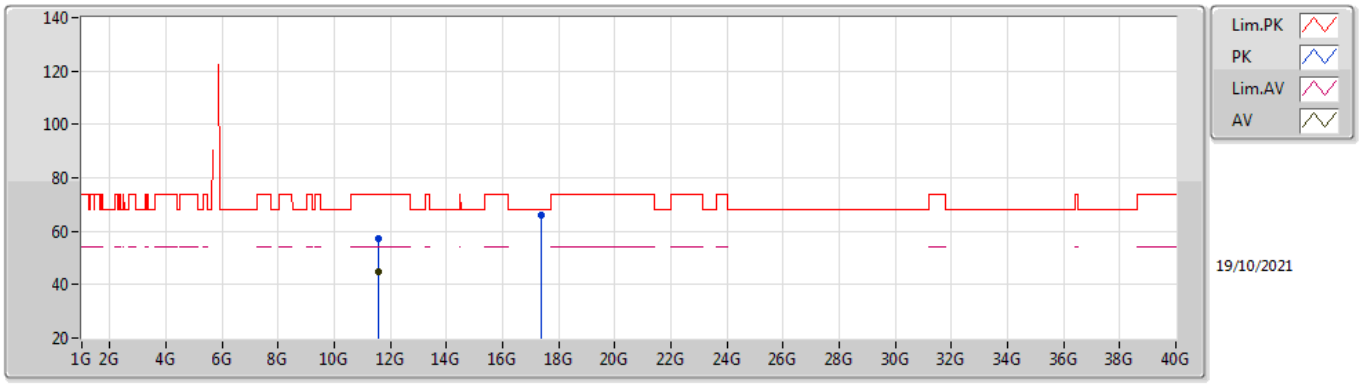


EUT Y_4TX
Setting 18.5
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.592G	58.57	68.20	-9.63	53.19	3	Horizontal	267	1.60	-	31.58	5.99	32.19
PK	5.797G	116.10	Inf	-Inf	110.41	3	Horizontal	267	1.60	-	32.00	6.00	32.31
AV	5.797G	104.95	Inf	-Inf	99.26	3	Horizontal	267	1.60	-	32.00	6.00	32.31
PK	5.936G	59.14	68.20	-9.06	53.29	3	Horizontal	267	1.60	-	32.17	6.07	32.39

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

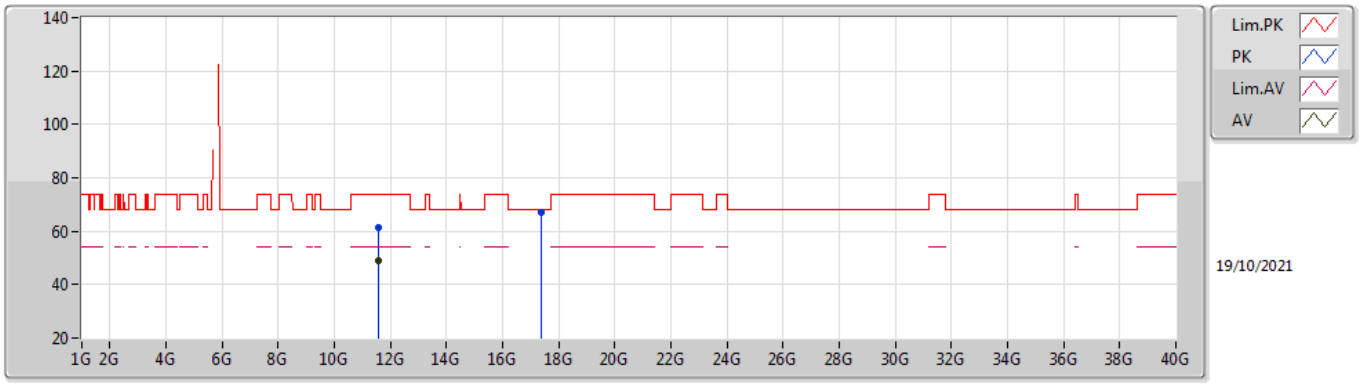


EUT Y_4TX
Setting 18.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5665G	57.15	74.00	-16.85	42.38	3	Vertical	253	1.80	-	39.53	9.54	34.30
AV	11.5953G	44.94	54.00	-9.06	30.17	3	Vertical	253	1.80	-	39.50	9.56	34.29
PK	17.3696G	65.88	68.20	-2.32	44.36	3	Vertical	308	1.71	-	42.00	14.18	34.66

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

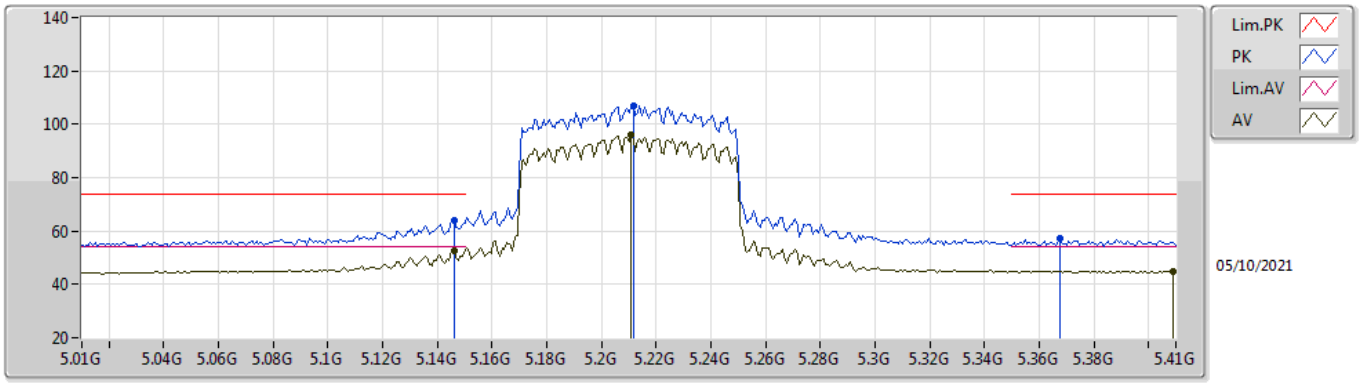


EUT Y_4TX
Setting 18.5
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.597G	61.59	74.00	-12.41	46.82	3	Horizontal	231	1.59	-	39.50	9.56	34.29
AV	11.5911G	49.09	54.00	-4.91	34.32	3	Horizontal	231	1.59	-	39.51	9.55	34.29
PK	17.39G	66.96	68.20	-1.24	45.22	3	Horizontal	210.6	1.80	-	42.20	14.20	34.66

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

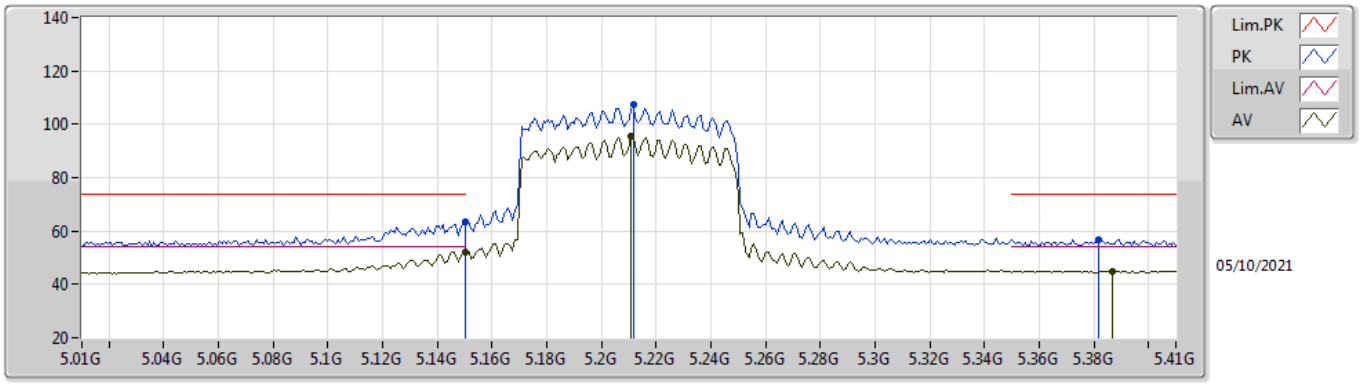


EUT Y_4TX
Setting 12
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	63.85	74.00	-10.15	57.25	3	Vertical	101	1.54	-	33.50	5.25	32.15
AV	5.146G	52.84	54.00	-1.16	46.24	3	Vertical	101	1.54	-	33.50	5.25	32.15
PK	5.2116G	106.90	Inf	-Inf	100.22	3	Vertical	101	1.54	-	33.52	5.31	32.15
AV	5.2108G	95.79	Inf	-Inf	89.11	3	Vertical	101	1.54	-	33.52	5.31	32.15
PK	5.3676G	57.11	74.00	-16.89	50.13	3	Vertical	101	1.54	-	33.74	5.38	32.14
AV	5.4092G	44.61	54.00	-9.39	37.52	3	Vertical	101	1.54	-	33.82	5.41	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

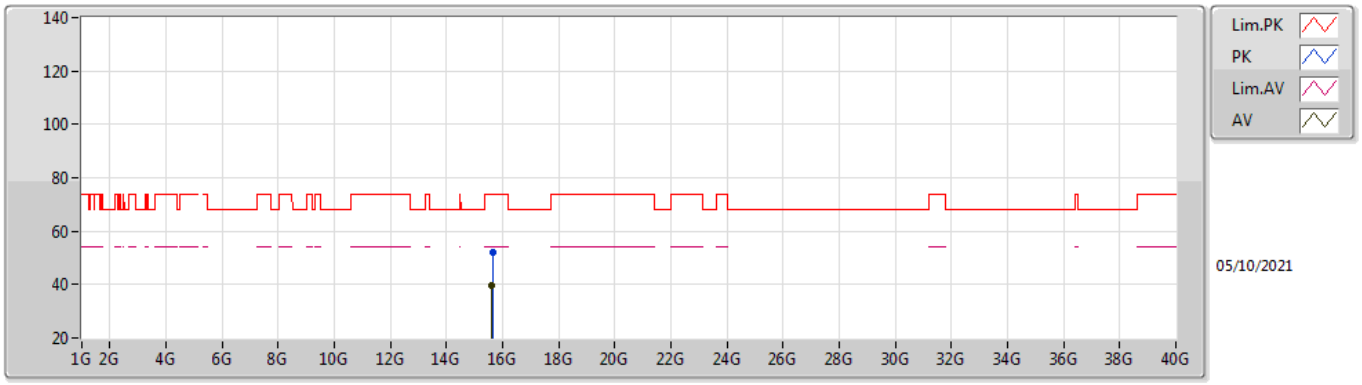


EUT Y_4TX
Setting 12
02-B-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	63.55	74.00	-10.45	56.95	3	Horizontal	291	1.74	-	33.50	5.25	32.15
AV	5.15G	52.25	54.00	-1.75	45.65	3	Horizontal	291	1.74	-	33.50	5.25	32.15
PK	5.2116G	107.43	Inf	-Inf	100.75	3	Horizontal	291	1.74	-	33.52	5.31	32.15
AV	5.2108G	95.36	Inf	-Inf	88.68	3	Horizontal	291	1.74	-	33.52	5.31	32.15
PK	5.382G	56.95	74.00	-17.05	49.94	3	Horizontal	291	1.74	-	33.76	5.39	32.14
AV	5.3868G	44.70	54.00	-9.30	37.68	3	Horizontal	291	1.74	-	33.77	5.39	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

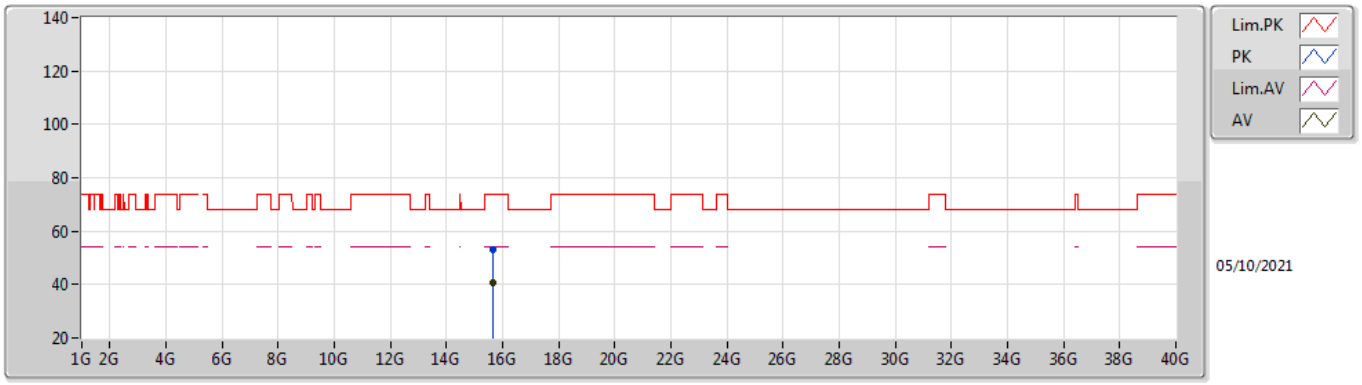


EUT Y_4TX
Setting 12
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6348G	51.87	74.00	-22.13	37.81	3	Vertical	297	1.99	-	37.53	9.84	33.31
AV	15.6303G	39.61	54.00	-14.39	25.54	3	Vertical	297	1.99	-	37.54	9.83	33.30

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

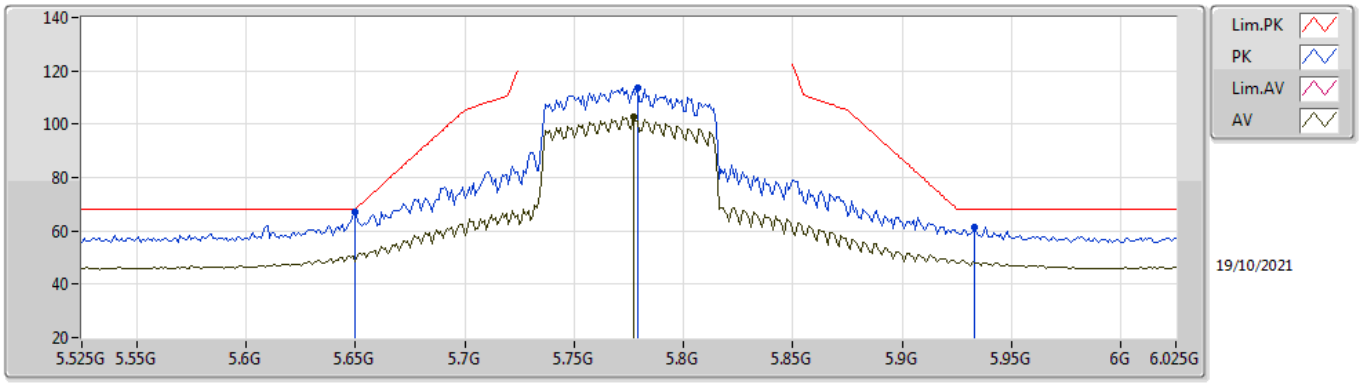


EUT Y_4TX
Setting 12
02-B-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6399G	53.07	74.00	-20.93	39.03	3	Horizontal	191	2.45	-	37.52	9.84	33.32
AV	15.64158G	40.72	54.00	-13.28	26.68	3	Horizontal	191	2.45	-	37.52	9.84	33.32

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

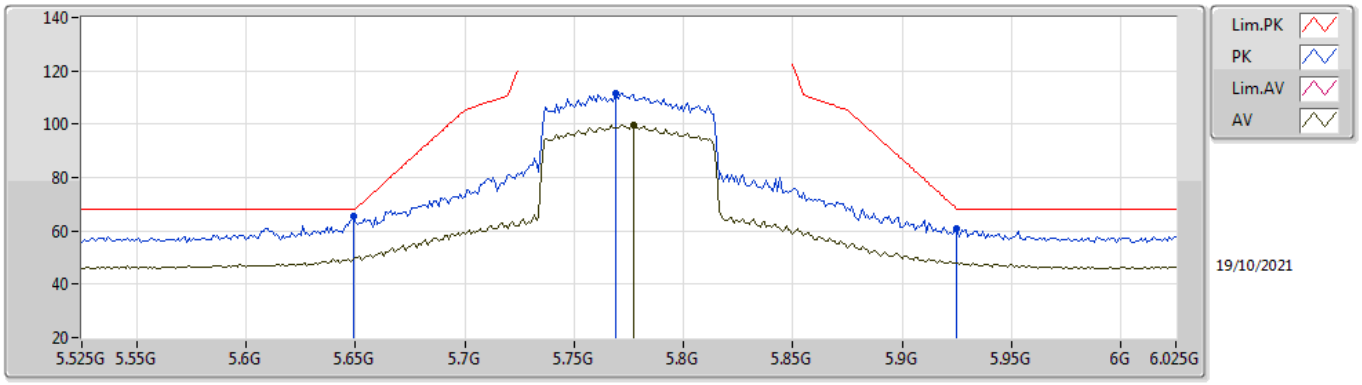


EUT Y_4TX
Setting 16
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	67.15	68.20	-1.05	61.77	3	Vertical	100	1.53	-	31.60	6.00	32.22
PK	5.779G	113.85	Inf	-Inf	108.15	3	Vertical	100	1.53	-	32.00	6.00	32.30
AV	5.777G	102.65	Inf	-Inf	96.95	3	Vertical	100	1.53	-	32.00	6.00	32.30
PK	5.933G	61.59	68.20	-6.61	55.74	3	Vertical	100	1.53	-	32.17	6.07	32.39

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

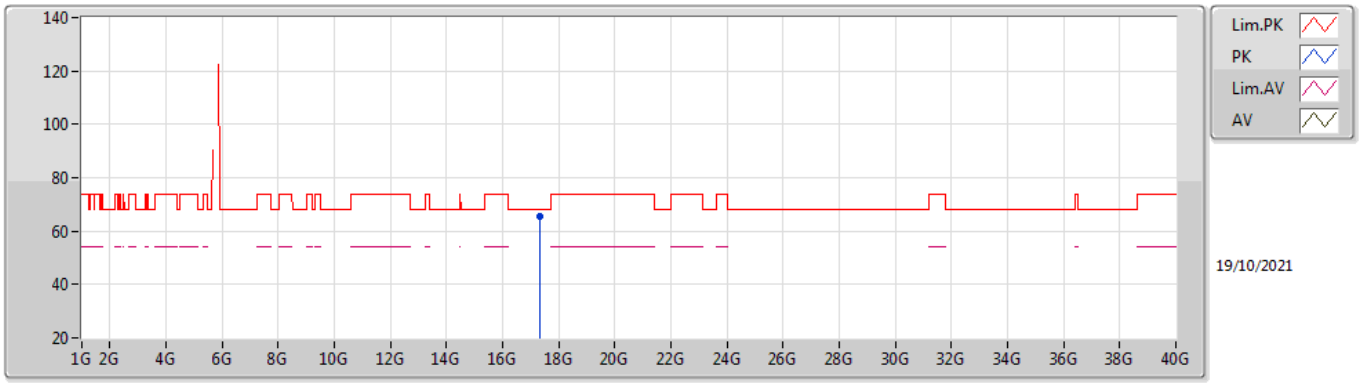


EUT Y_4TX
Setting 16
06-F-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	65.51	68.20	-2.69	60.13	3	Horizontal	272	1.73	-	31.60	6.00	32.22
PK	5.769G	111.46	Inf	-Inf	105.75	3	Horizontal	272	1.73	-	32.00	6.00	32.29
AV	5.777G	99.89	Inf	-Inf	94.19	3	Horizontal	272	1.73	-	32.00	6.00	32.30
PK	5.925G	60.72	68.20	-7.48	54.89	3	Horizontal	272	1.73	-	32.15	6.06	32.38

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

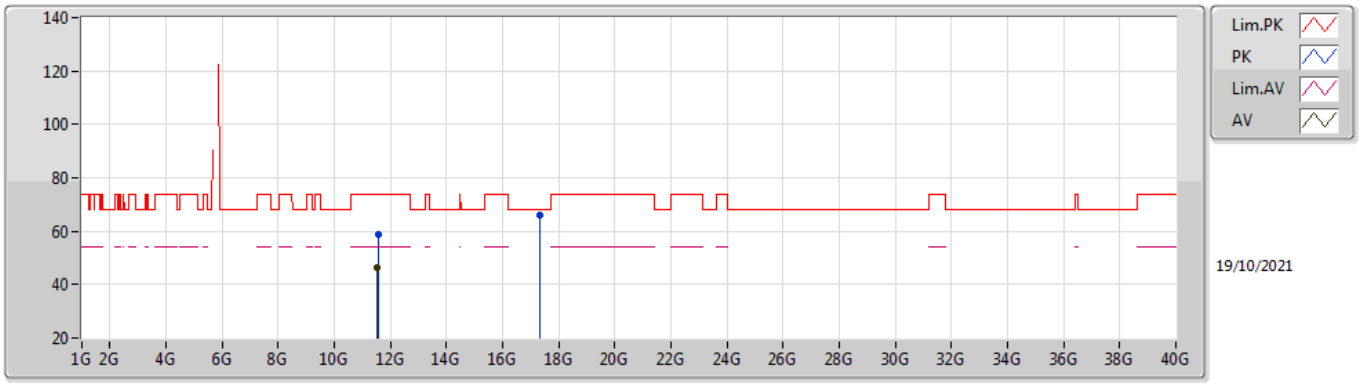


EUT Y_4TX
Setting 16
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	17.3317G	65.29	68.20	-2.91	44.18	3	Vertical	137	1.80	-	41.62	14.13	34.64

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom



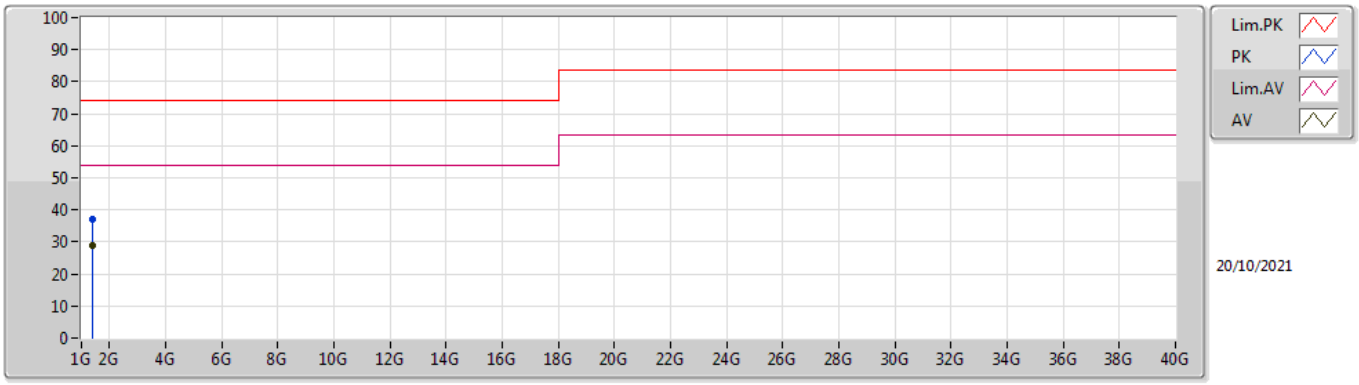
EUT Y_4TX
Setting 16
06-F-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.558G	58.70	74.00	-15.30	43.93	3	Horizontal	234	2.07	-	39.54	9.53	34.30
AV	11.5459G	46.19	54.00	-7.81	31.41	3	Horizontal	234	2.07	-	39.55	9.53	34.30
PK	17.3257G	66.21	68.20	-1.99	45.17	3	Horizontal	144	1.80	-	41.56	14.12	34.64

Summary

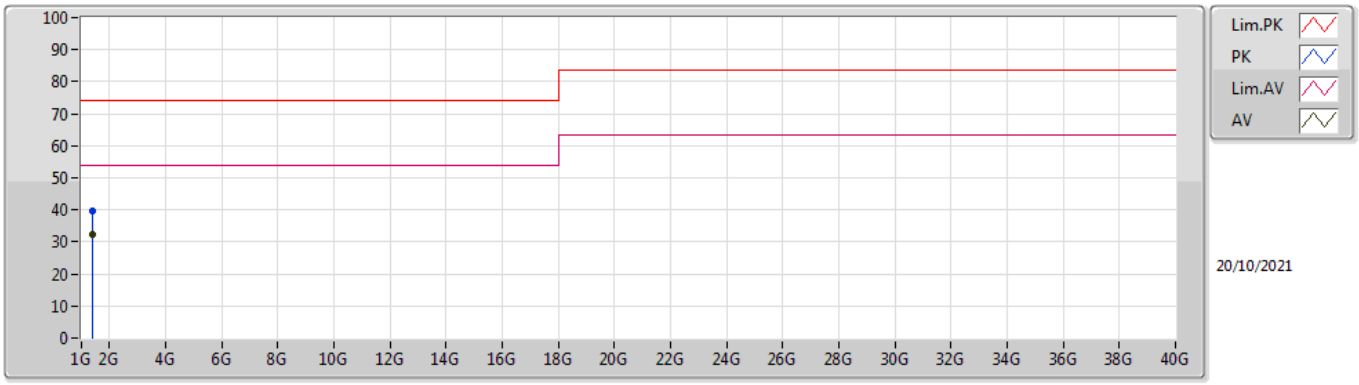
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.40603G	32.17	54.00	-21.83	Horizontal

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	1.40629G	37.01	74.00	-36.99	-7.95	3	Vertical	176	1.13	-	44.96	25.83	3.61	37.39
AV	1.40605G	28.96	54.00	-25.04	-7.96	3	Vertical	176	1.13	"Worst"	36.92	25.82	3.61	37.39

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	1.4062G	39.48	74.00	-34.52	-7.96	3	Horizontal	113	1.59	-	47.44	25.82	3.61	37.39
AV	1.40603G	32.17	54.00	-21.83	-7.96	3	Horizontal	113	1.59	"Worst"	40.13	25.82	3.61	37.39