RADIO TEST REPORT

Equipment	:	**AX3000 完整家庭 Mesh Wi-Fi 6 系統**
Brand Name	:	**tp-link**
Model Name	:	**Deco X50, Deco X55**
Applicant	:	聯洲國際有限公司 新北市板橋區中山路 **1** 段 **156** 號 **4** 樓
Manufacturer	:	普聯技術有限公司
Standard	:	**LP0002 Section 5.7 (2020-07-01)**

The product was received on Jul. 13, 2021, and testing was started from Jul. 22, 2021 and completed on Sep. 23, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
TR171316AB	01	Initial issue of report	Sep. 29, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	5.7.8	Antenna Requirement	PASS	-
3.1	3.3	AC Power-line Conducted Emissions	PASS	-
3.2	5.7.3	Emission Bandwidth	PASS	-
3.3	5.7.3	Maximum Output Power	PASS	-
3.4	5.7.3	Power Spectral Density	PASS	-
3.5	5.7.4	Unwanted Emissions	PASS	-

Note:
The test results of this report reference the results of Sporton Report No.: FR171316AB. After evaluating, the test results comply with the test standard LP0002 (2020-07-01).

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: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.15-5.35GHz	802.11ac VHT160	160	2TX
5.15-5.35GHz	802.11ax HEW160	160	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						2.4GHz	5GHz
1	2	tp-link	3101502756	Dipole Antenna	I-PEX	1.93	0.9
2	1	tp-link	3101502757	Dipole Antenna	I-PEX	1.94	0.97

Note: The above information was declared by manufacturer.

<For 2.4GHz Function>

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz Function>

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.948	0.23	2m	1k
802.11ax HEW20	0.934	0.3	5.52m	300
802.11ax HEW40	0.932	0.31	5.52m	300
802.11ax HEW80	0.93	0.32	5.52m	300
802.11ax HEW160	0.928	0.32	5.52m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QSPR Version 5.0-00196			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

EUT	Model Name	The color of the top cover on the EUT
1	Deco X50	White
2	Deco X55	Black

Note 1: From the above models, model: Deco X50 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Supports Functions

Function
AP Router
Mesh

Note: After evaluating, there is only AP Router mode was selected to test and record in the report.

1.2 Applicable Standards

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

- LP0002 Section 5.7 (2020-07-01)
- 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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Li	23.5~25.4 / 54~56	Aug. 16, 2021~ Sep. 14, 2021
Radiated below 1GHz (Intentional-CTX) & (Unintentional-CRX) & Radiated above 1GHz (Unintentional 1GHz~5th Harmonic)	03CH05-CB	Eason Chen	23.5-24.6 / 55-59	Sep. 23, 2021
Radiated (Above 1GHz)	03CH02-CB	Ken Yeh	24.6-25.7 / 55-58	Aug. 13, 2021~ Sep. 14, 2021
AC Conduction	CO02-CB	Wei Li	23~24 / 61~64	Jul. 22, 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

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22.5
5200MHz	22.5
5240MHz	23
5745MHz	22.5
5785MHz	23
5825MHz	23
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	22.5
5240MHz	23
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	23
5755MHz	23
5795MHz	22
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	21
5775MHz	23
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	21.5
5250MHz Straddle 5.25-5.35GHz	21.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 110Vac / 60Hz
Operating Mode	Unintentional - Normal Link
1	AP Router mode-EUT 1 + Adapter

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	Intentional-CTX
1	EUT 1 WLAN 2.4GHz + Adapter
2	EUT 1 WLAN 5GHz + Adapter
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode < 1GHz	Unintentional-CRX
1	EUT 1 WLAN 2.4GHz + Adapter
2	EUT 1 WLAN 5GHz + Adapter
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz Unintentional 1GHz~5th Harmonic	Unintentional-CRX
1	EUT 1 WLAN 2.4GHz + Adapter
2	EUT 1 WLAN 5GHz + Adapter
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz Intentional 1GHz~10th Harmonic	Intentional-CTX
1	EUT 1

Note1: The EUT can only be used at Y axis position.

Note2: The applicant declared that the accessories of this case were for measurement only and it would not be marketed. The accessories will be provided and inspected by the laboratory (or the applicant).

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting/receiving mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	tp-link	T120150-2B4	Input: 100-240V~50/60Hz, 0.6A Output: 12V, 1.5A

2.5 Support Equipment

For AC Conduction:

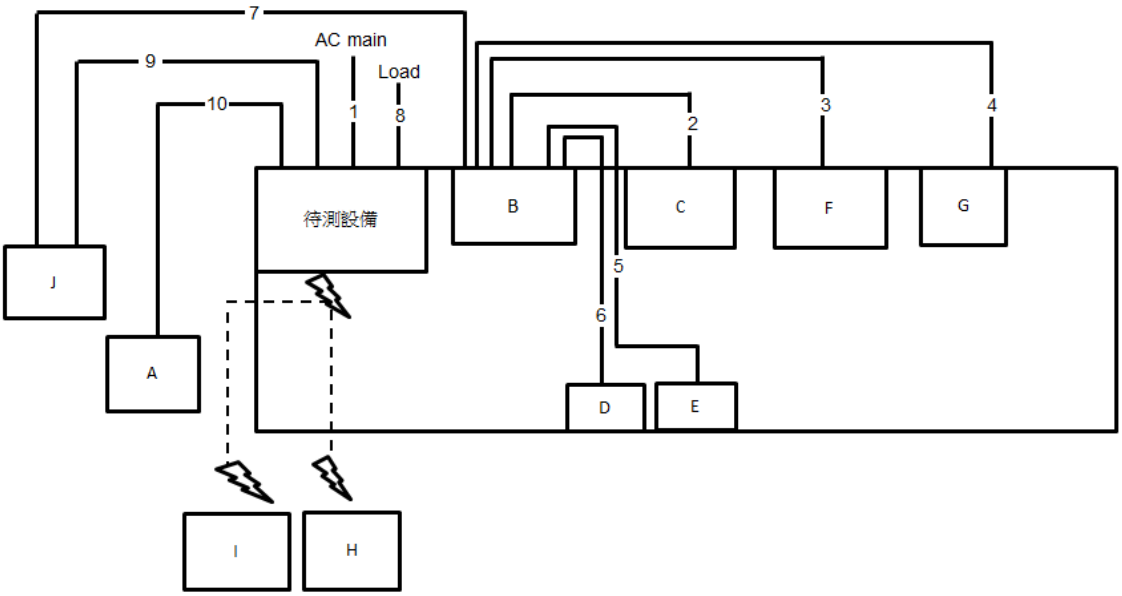
Support Equipment					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
A	LAN 筆記型電腦	DELL	E6430	N/A	Provided by Lab
B	WAN 個人電腦	DELL	T3400	N/A	Provided by Lab
C	液晶顯示器	DELL	1704FPTt	N/A	Provided by Lab
D	鍵盤	iCooky	SK068	N/A	Provided by Lab
E	滑鼠	HP	FM100	N/A	Provided by Lab
F	印表機	EPSON	LQ-300+	N/A	Provided by Lab
G	數據機	ACEEX	DM1414	IFAXDM1414	Provided by Lab
H	2.4G 筆記型電腦	DELL	E6430	N/A	Provided by Lab
I	5G 筆記型電腦	DELL	E6430	N/A	Provided by Lab
J	路由器	ASUS	RP-N53	MSQ-RPN53	Provided by Lab

For Radiated and RF Conducted:

Support Equipment					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
A	NB	DELL	E4300	N/A	Provided by Lab

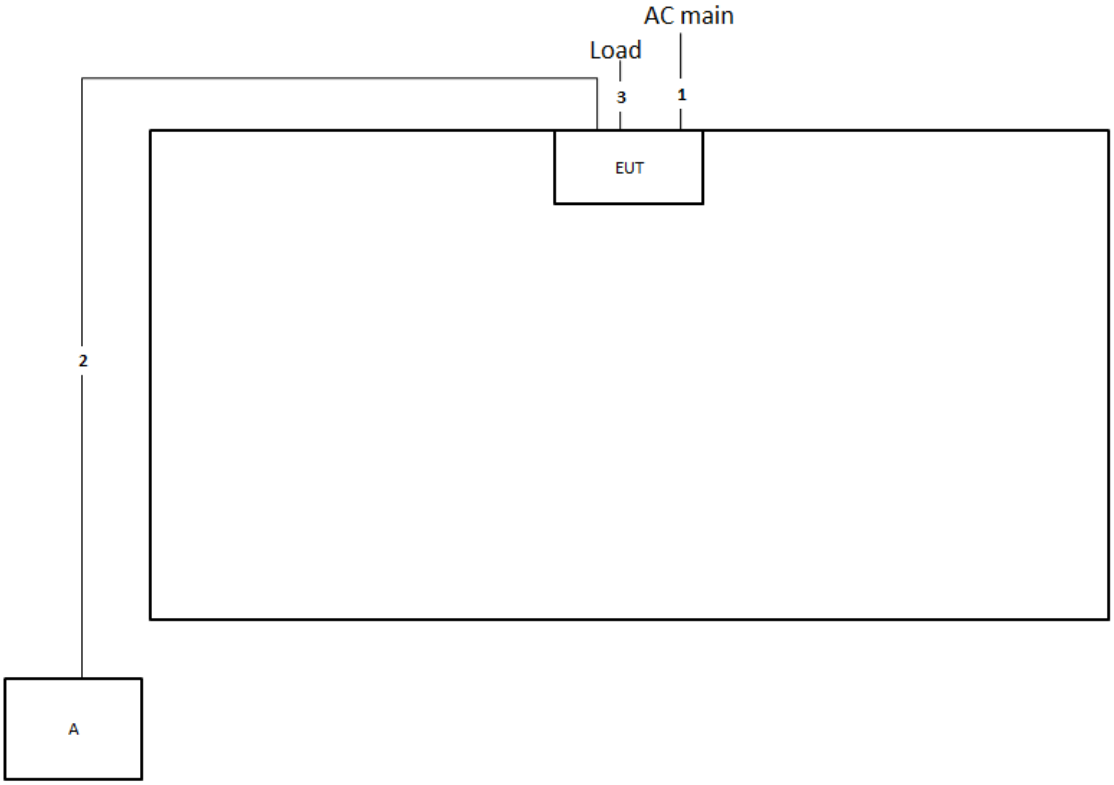
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



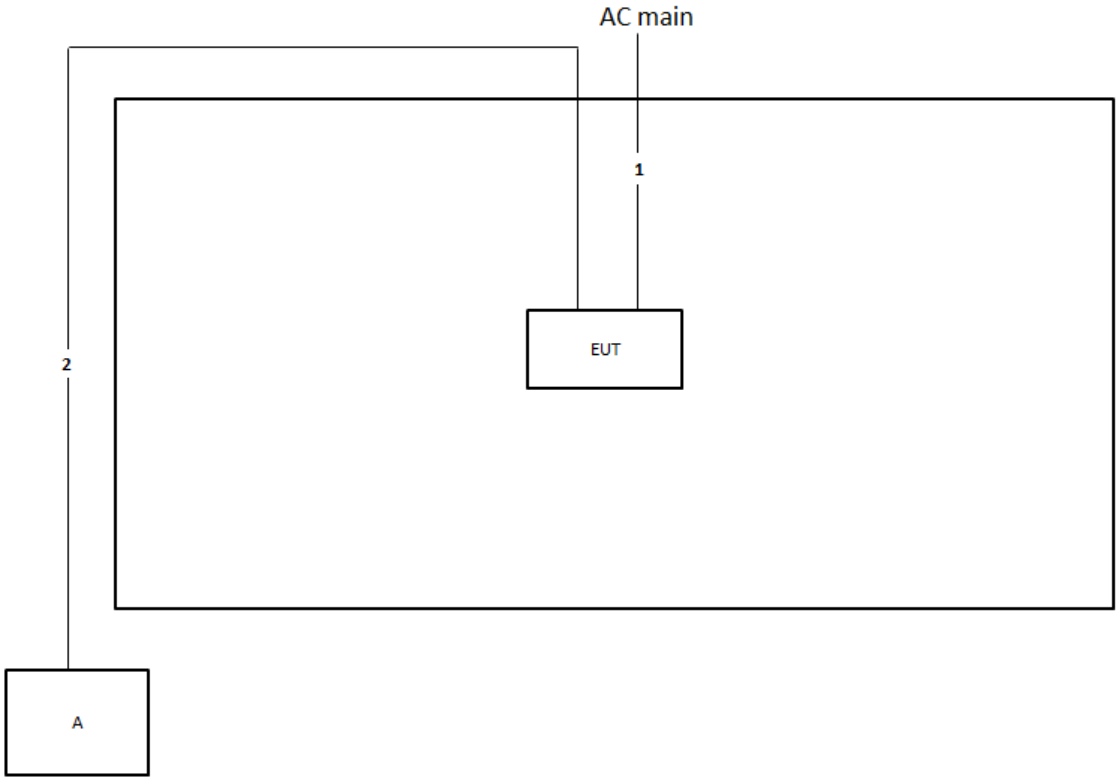
Item	Connection	Shielded	Length	Brand Name	Model Name	Remark
1	Power cable	No	1.5m	tp-link	T120150-2B4	Provided by applicant
2	VGA cable	Yes	1.8m	-	-	Provided by Lab
3	USB cable	Yes	1.8m	-	-	Provided by Lab
4	RS-232 cable	Yes	1.8m	-	-	Provided by Lab
5	USB cable	Yes	1.8m	-	-	Provided by Lab
6	USB cable	Yes	1.8m	-	-	Provided by Lab
7	RJ-45 cable	No	10m	-	-	Provided by Lab
8	RJ-45 cable	No	1.5m	Powersync	CLN5GBR9020	Provided by Lab
9	RJ-45 cable	No	10m	Powersync	CLN5GBR9020	Provided by Lab
10	RJ-45 cable	No	10m	Powersync	CLN5GBR9020	Provided by Lab

Test Setup Diagram - Radiated Unintentional Test



Item	Connection	Shielded	Length	Brand Name	Model Name	Remark
1	Power cable	No	1.5m	tp-link	T120150-2B4	Provided by applicant
2	RJ-45 cable	No	10m	PowerSync	CLN5GBR9020	Provided by Lab
3	RJ-45 cable* 2	No	1.5m	PowerSync	CLN5GBR9020	Provided by Lab

Test Setup Diagram - Radiated Intentional Test



Item	Connection	Shielded	Length	Brand Name	Model Name	Remark
1	Power cable	No	1.5m	tp-link	T120150-2B4	Provided by applicant
2	RJ-45 cable	No	10m	PowerSync	CLN5GBR9020	Provided by Lab

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

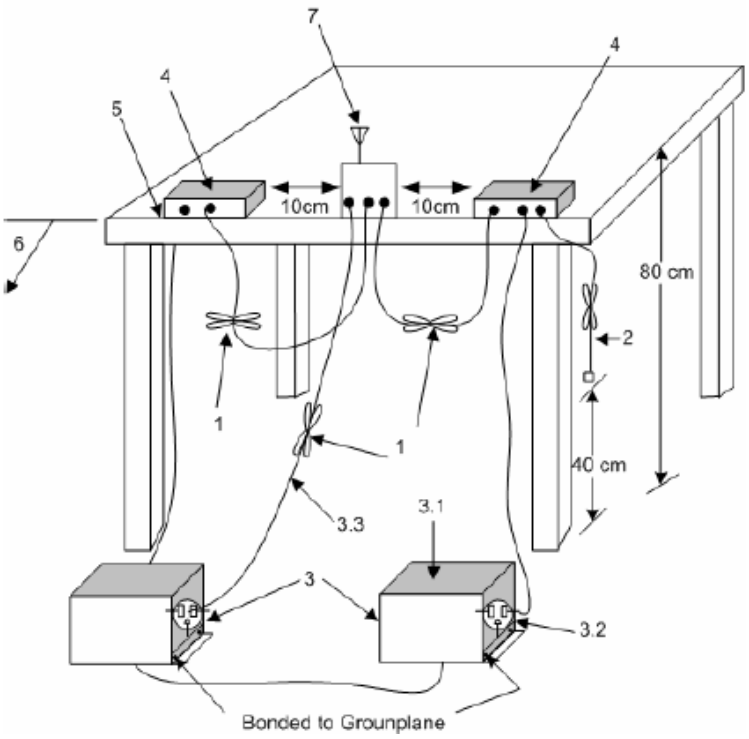
Refer a test equipment and calibration data table in this test report.

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

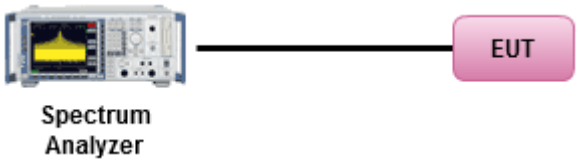
Refer a test equipment and calibration data table in this test report.

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.

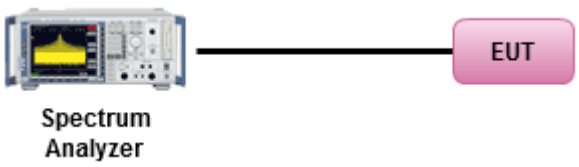
3.3.3 Test Procedures

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

For Straddle channel

RF Output Power (Spectrum Analyzer)



For other channel

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

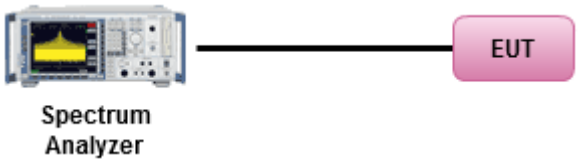
Refer a test equipment and calibration data table in this test report.

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

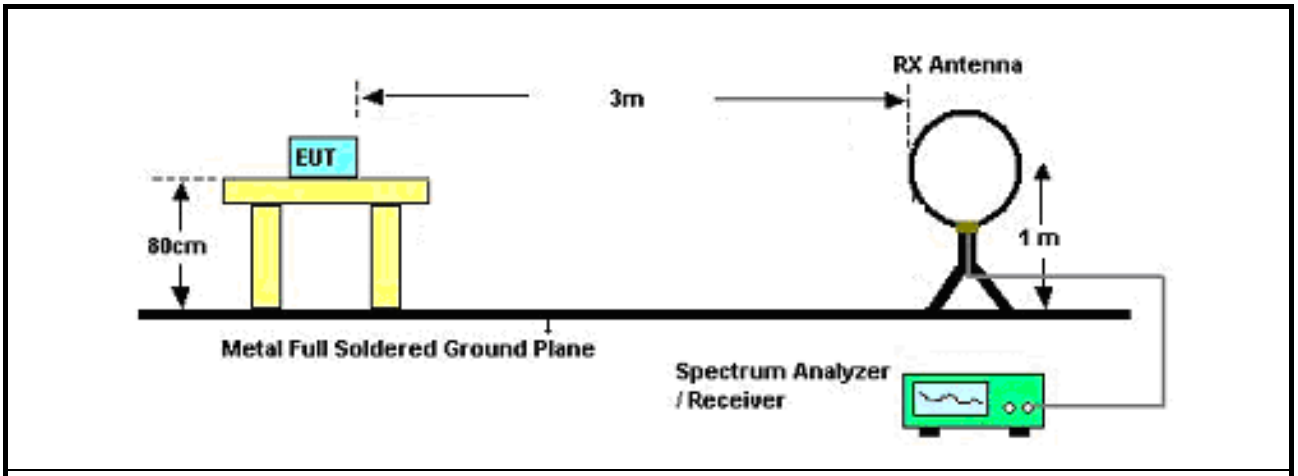
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

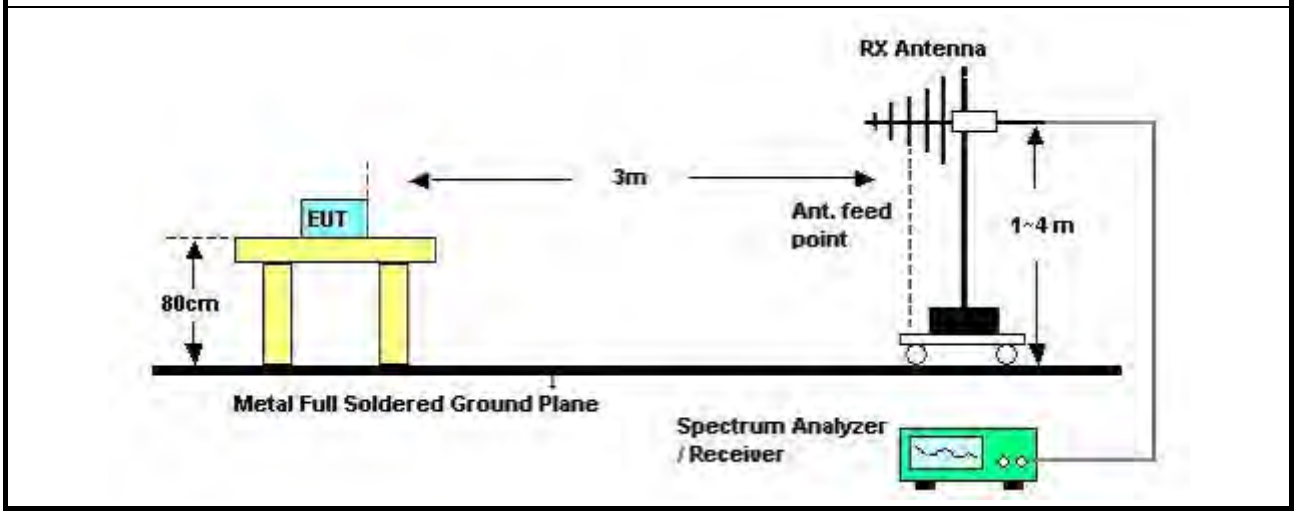
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies 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.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

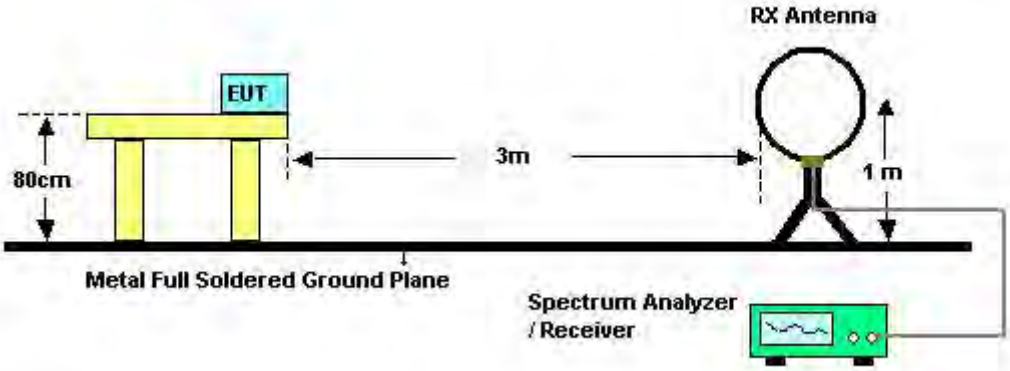
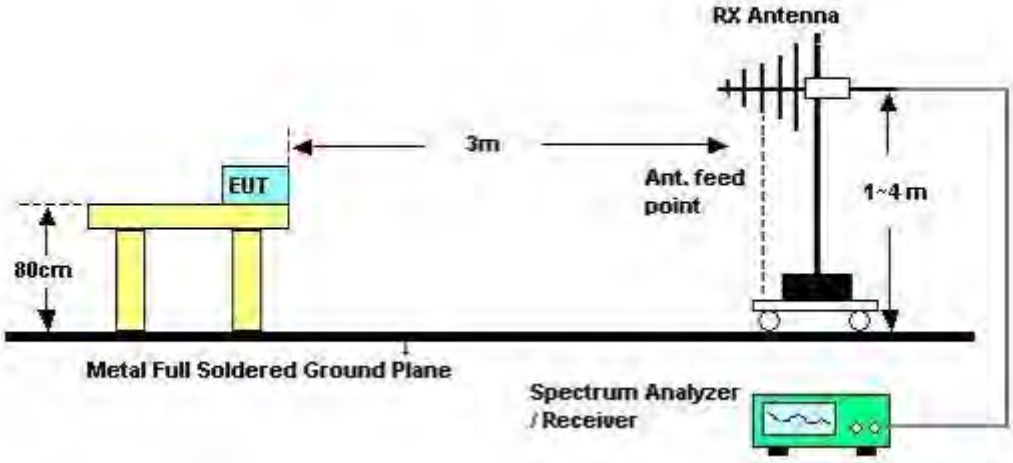
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
For Intentional – CTX
9kHz ~30MHz

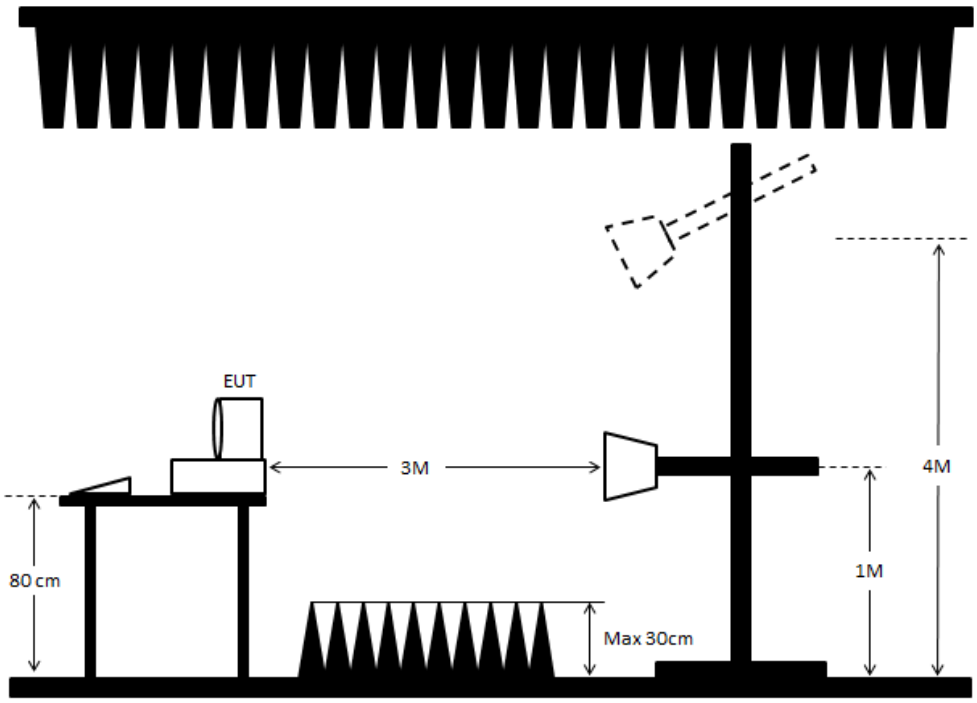

RX Antenna
3m
EUT
80cm
1 m
Metal Full Soldered Ground Plane
Spectrum Analyzer
/ Receiver

30MHz~1GHz

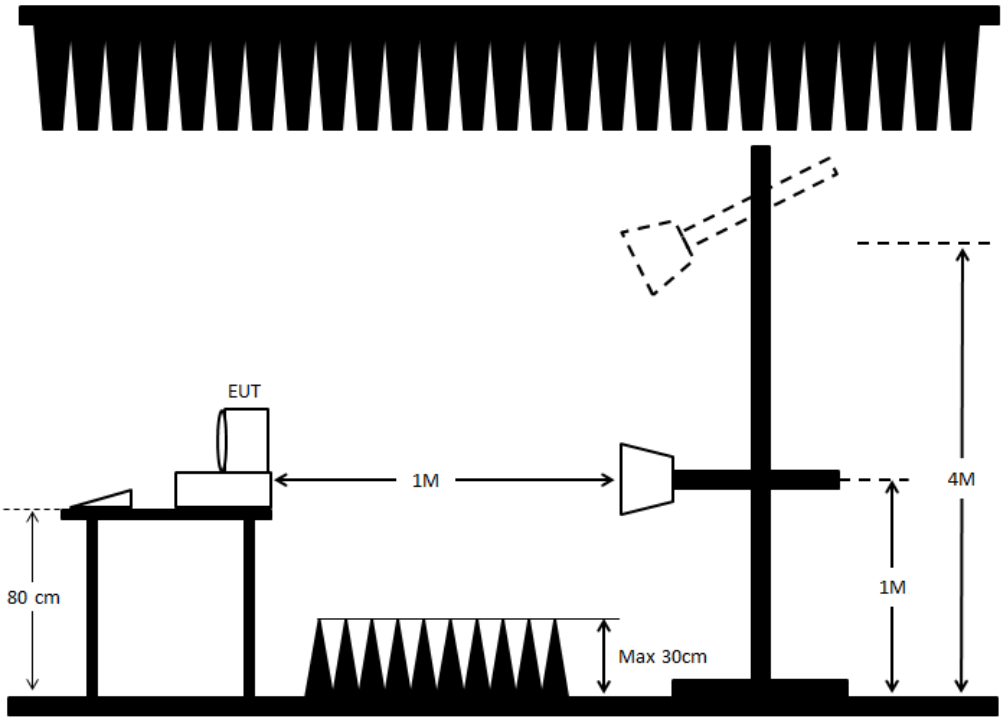

RX Antenna
3m
EUT
Ant. feed
point
1~4 m
80cm
Metal Full Soldered Ground Plane
Spectrum Analyzer
/ Receiver

For Unintentional – CRX
9kHz ~30MHz

30MHz~1GHz


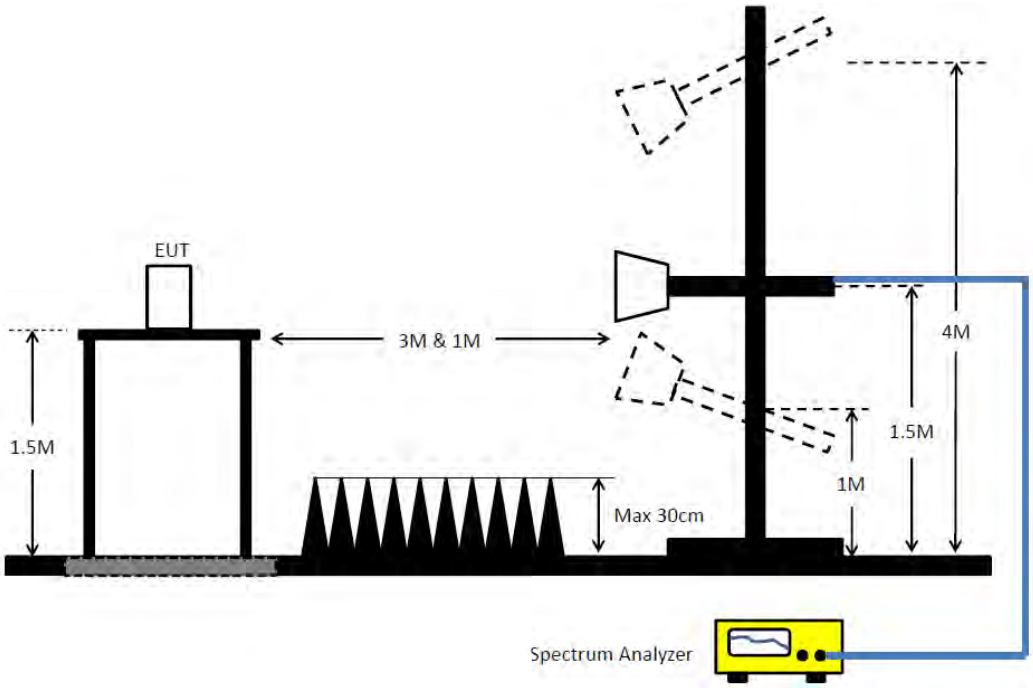
For Unintentional 1GHz~5th Harmonic – CRX (1,000~18,000 MHz)



For Unintentional 1GHz~5th Harmonic – CRX(18,000~30,000 MHz)



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
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Dec. 04, 2020	Dec. 03, 2021	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 20, 2020	Nov. 19, 2021	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 05, 2021	May 04, 2022	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 20, 2020	Oct. 19, 2021	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2021	Mar. 17, 2022	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-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)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 29, 2020	Sep. 28, 2021	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)
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. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#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	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-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)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	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-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	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)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz– 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz– 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz– 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

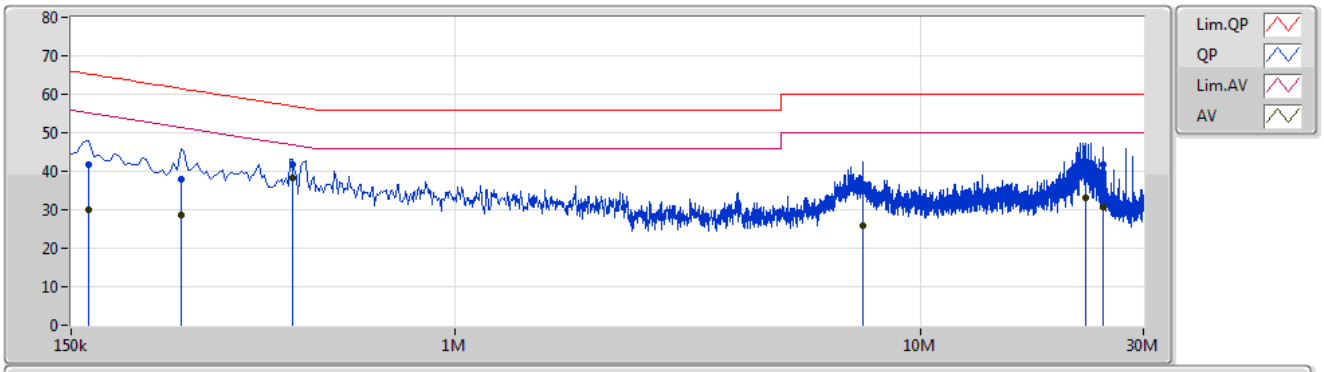
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Unintentional - Normal Link
Summary

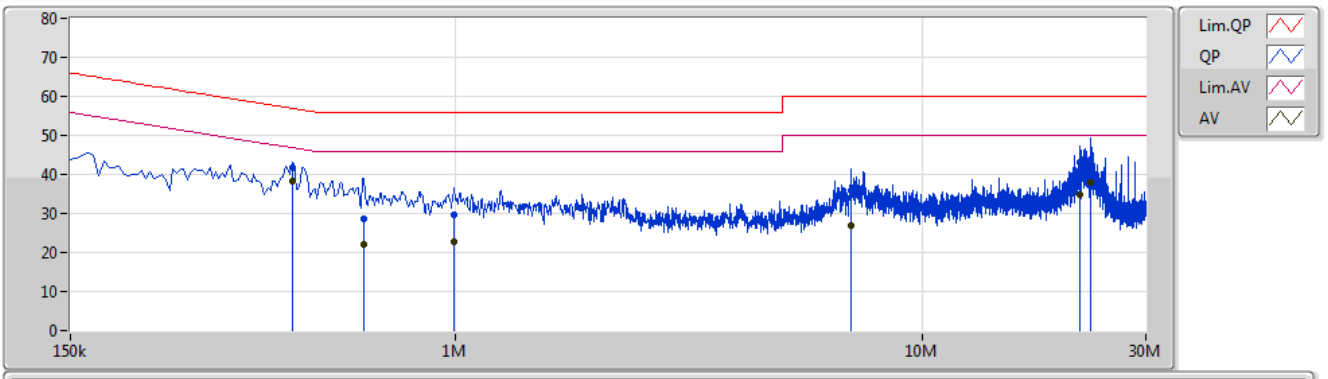
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	447k	38.20	46.94	-8.74	Neutral

22/07/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	41.81	65.27	-23.46	10.29	Line	-	31.52	0.07	0.07	10.15
AV	163.5k	30.14	55.27	-25.13	10.29	Line	-	19.85	0.07	0.07	10.15
QP	258k	37.98	61.49	-23.51	10.28	Line	-	27.70	0.07	0.07	10.14
AV	258k	28.53	51.49	-22.96	10.28	Line	-	18.25	0.07	0.07	10.14
QP	447k	41.58	56.94	-15.36	10.25	Line	-	31.33	0.08	0.06	10.11
AV	447k	38.14	46.94	-8.80	10.25	Line	"Worst"	27.89	0.08	0.06	10.11
QP	7.503M	34.80	60.00	-25.20	10.53	Line	-	24.27	0.23	0.19	10.11
AV	7.503M	25.90	50.00	-24.10	10.53	Line	-	15.37	0.23	0.19	10.11
QP	22.583M	41.93	60.00	-18.07	10.96	Line	-	30.97	0.48	0.28	10.20
AV	22.583M	33.02	50.00	-16.98	10.96	Line	-	22.06	0.48	0.28	10.20
QP	24.648M	41.63	60.00	-18.37	11.01	Line	-	30.62	0.53	0.28	10.20
AV	24.648M	30.84	50.00	-19.16	11.01	Line	-	19.83	0.53	0.28	10.20

22/07/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	447k	41.62	56.94	-15.32	10.23	Neutral	-	31.39	0.06	0.06	10.11
AV	447k	38.20	46.94	-8.74	10.23	Neutral	"Worst"	27.97	0.06	0.06	10.11
QP	636k	28.72	56.00	-27.28	10.24	Neutral	-	18.48	0.07	0.07	10.10
AV	636k	22.21	46.00	-23.79	10.24	Neutral	-	11.97	0.07	0.07	10.10
QP	996k	29.49	56.00	-26.51	10.26	Neutral	-	19.23	0.08	0.08	10.10
AV	996k	22.69	46.00	-23.31	10.26	Neutral	-	12.43	0.08	0.08	10.10
QP	7.008M	35.79	60.00	-24.21	10.48	Neutral	-	25.31	0.18	0.19	10.11
AV	7.008M	26.90	50.00	-23.10	10.48	Neutral	-	16.42	0.18	0.19	10.11
QP	21.665M	42.96	60.00	-17.04	10.79	Neutral	-	32.17	0.31	0.28	10.20
AV	21.665M	34.70	50.00	-15.30	10.79	Neutral	-	23.91	0.31	0.28	10.20
QP	22.884M	43.66	60.00	-16.34	10.81	Neutral	-	32.85	0.33	0.28	10.20
AV	22.884M	37.76	50.00	-12.24	10.81	Neutral	-	26.95	0.33	0.28	10.20

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.71M	16.342M	16M3D7W	18.9M	16.312M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.48M	18.861M	18M9D7W	20.55M	18.831M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.56M	37.721M	37M7D7W	40.26M	37.661M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.24M	76.762M	76M8D7W	81.24M	76.642M
802.11ax HEW160_Nss1,(MCS0)_2TX	82.24M	78.201M	78M2D7W	81.68M	78.041M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	82.24M	78.361M	78M4D7W	81.76M	78.201M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.29M	16.38M	16M4D7W	14.85M	16.32M
802.11ax HEW20_Nss1,(MCS0)_2TX	16.59M	18.93M	18M9D7W	14.31M	18.861M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.48M	37.781M	37M8D7W	31.92M	37.661M
802.11ax HEW80_Nss1,(MCS0)_2TX	61.2M	76.762M	76M8D7W	60M	76.762M

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

Result

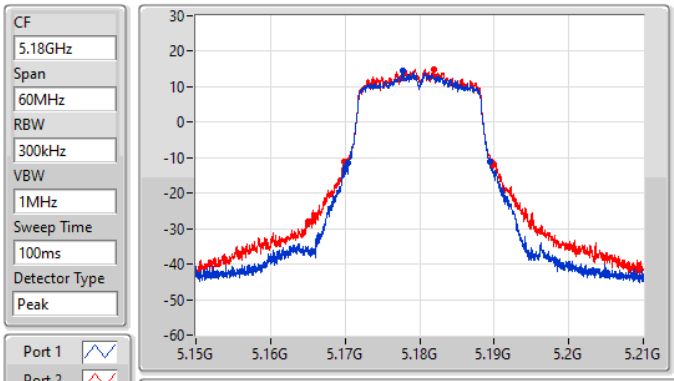
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.96M	16.312M	19.71M	16.342M
5200MHz	Pass	Inf	18.9M	16.312M	18.96M	16.312M
5240MHz	Pass	Inf	18.99M	16.312M	19.68M	16.342M
5745MHz	Pass	500k	15.09M	16.38M	16.29M	16.32M
5785MHz	Pass	500k	15.75M	16.38M	15M	16.32M
5825MHz	Pass	500k	15.03M	16.38M	14.85M	16.35M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.88M	18.861M	20.55M	18.831M
5200MHz	Pass	Inf	20.88M	18.831M	20.76M	18.861M
5240MHz	Pass	Inf	20.97M	18.861M	21.48M	18.831M
5745MHz	Pass	500k	15.84M	18.87M	15M	18.93M
5785MHz	Pass	500k	15.36M	18.861M	14.31M	18.861M
5825MHz	Pass	500k	14.67M	18.87M	16.59M	18.87M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.721M	40.32M	37.661M
5230MHz	Pass	Inf	40.38M	37.721M	40.56M	37.721M
5755MHz	Pass	500k	34.62M	37.721M	36.48M	37.781M
5795MHz	Pass	500k	35.04M	37.661M	31.92M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.762M	81.24M	76.642M
5775MHz	Pass	500k	61.2M	76.762M	60M	76.762M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.68M	78.201M	82.24M	78.041M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.24M	78.361M	81.76M	78.201M

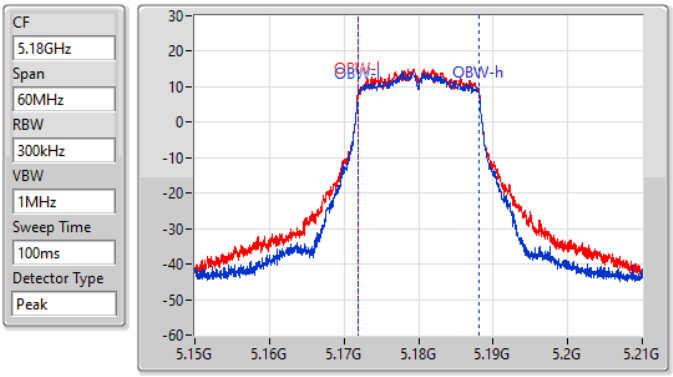
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

17/08/2021



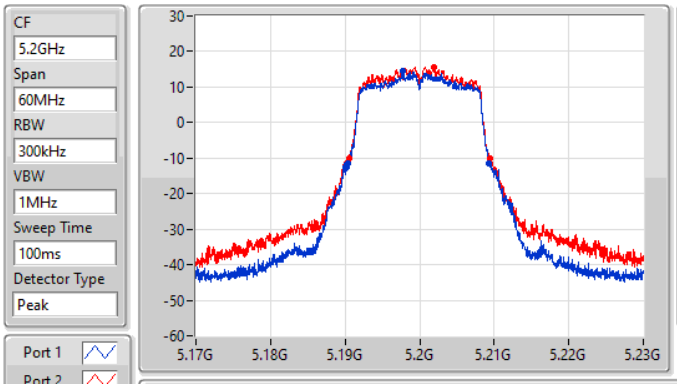


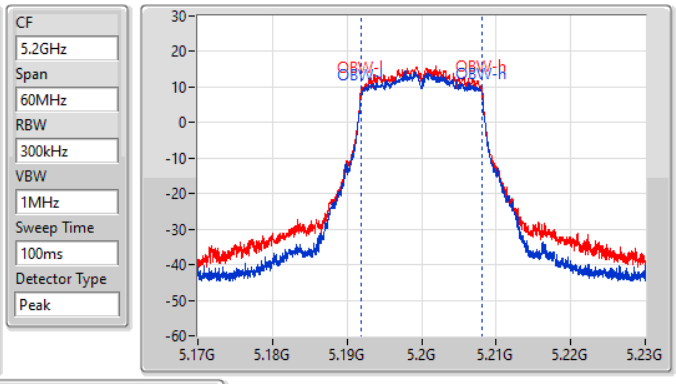
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.1704G	5.18936G	16.312M	5.171844G	5.188156G	Inf	1
19.71M	5.16983G	5.18954G	16.342M	5.171844G	5.188186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

17/08/2021





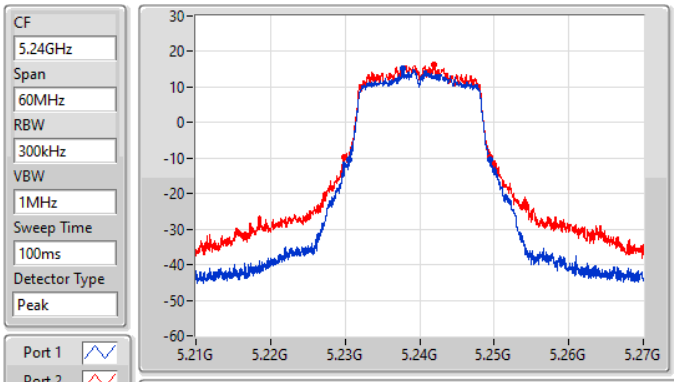
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.19043G	5.20933G	16.312M	5.191844G	5.208156G	Inf	1
18.96M	5.19052G	5.20948G	16.312M	5.191844G	5.208156G	Inf	2

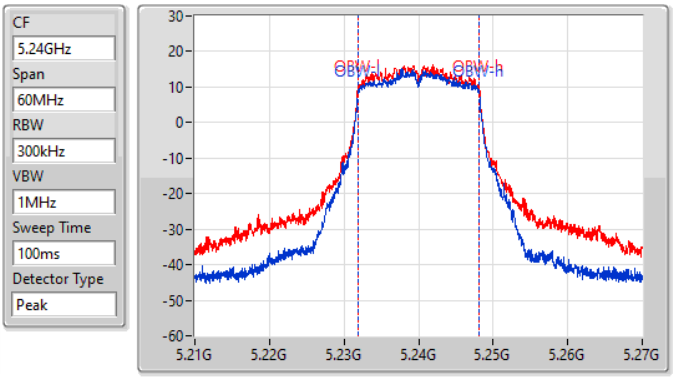
802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

17/08/2021





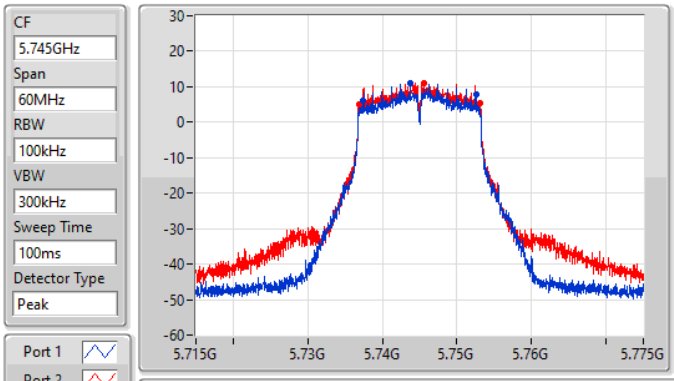
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.23049G	5.24948G	16.312M	5.231844G	5.248156G	Inf	1
19.68M	5.22983G	5.24951G	16.342M	5.231814G	5.248156G	Inf	2

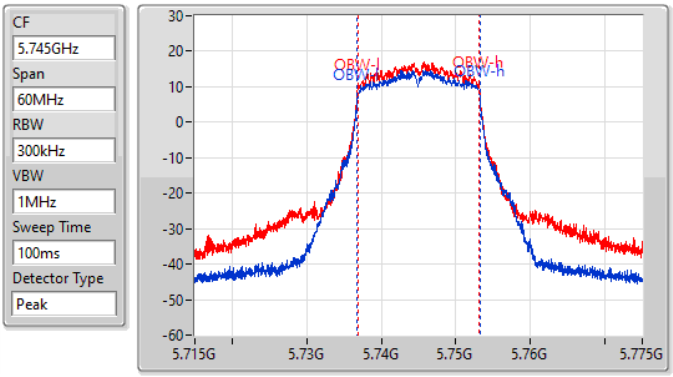
802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

19/08/2021



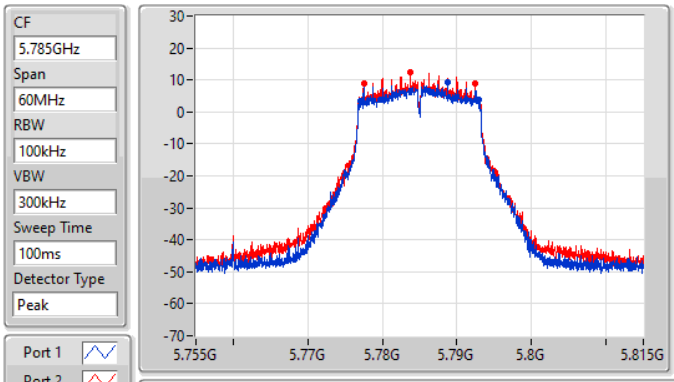


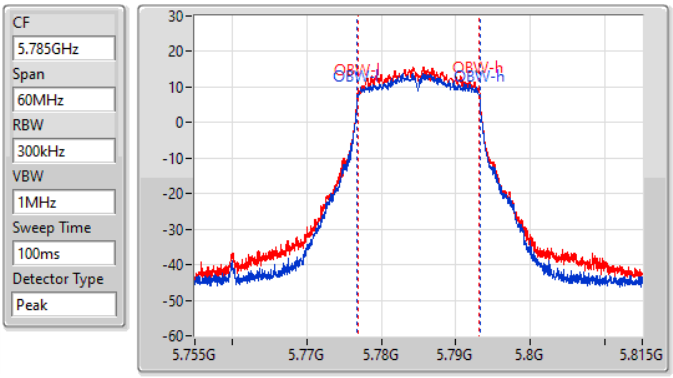
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.73744G	5.75253G	16.38M	5.73681G	5.75319G	500k	1
16.29M	5.73684G	5.75313G	16.32M	5.73684G	5.75316G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

19/08/2021



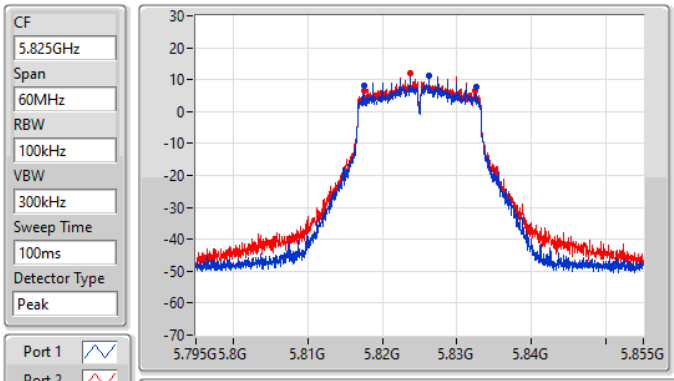


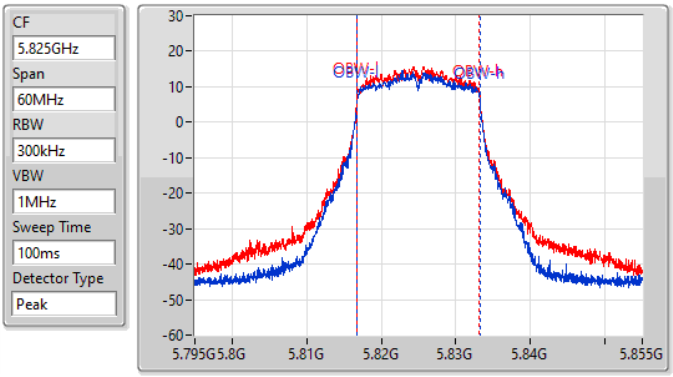
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	5.77711G	5.79286G	16.38M	5.77681G	5.79319G	500k	1
15M	5.7775G	5.7925G	16.32M	5.77684G	5.79316G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

19/08/2021



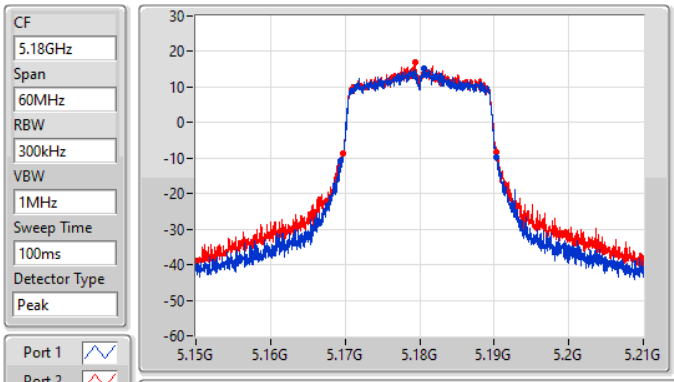


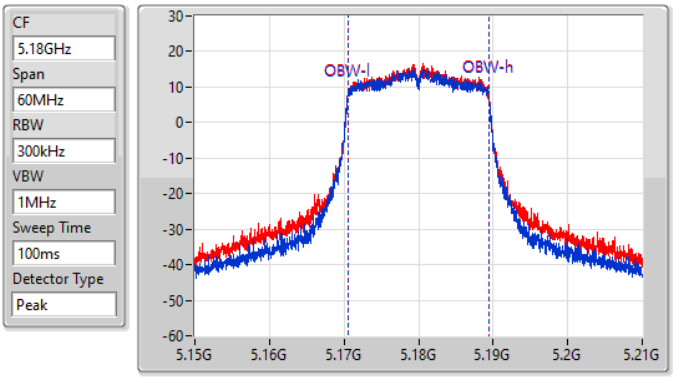
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.03M	5.8175G	5.83253G	16.38M	5.81681G	5.83319G	500k	1
14.85M	5.81756G	5.83241G	16.35M	5.81681G	5.83316G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

17/08/2021



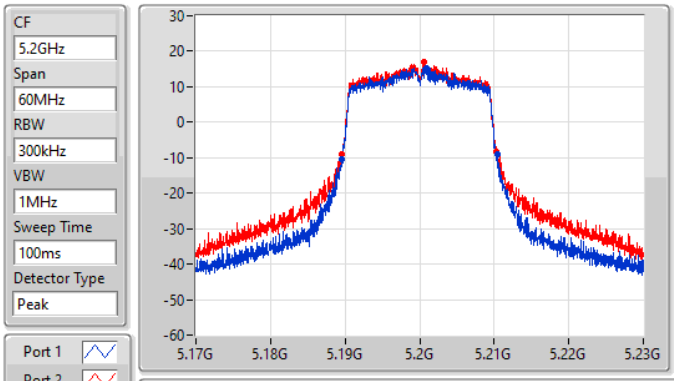


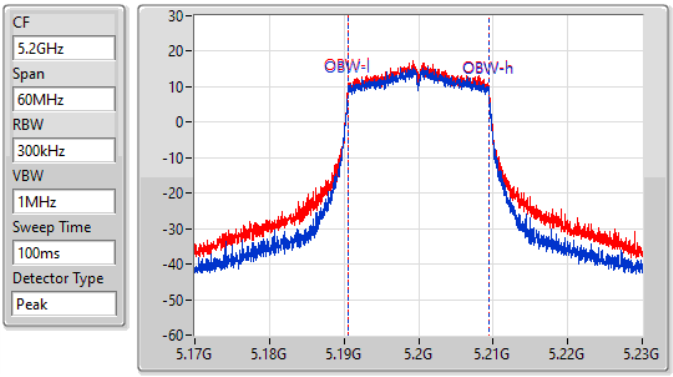
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.88M	5.16947G	5.19035G	18.861M	5.170525G	5.189385G	Inf	1
20.55M	5.16974G	5.19029G	18.831M	5.170555G	5.189385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

17/08/2021



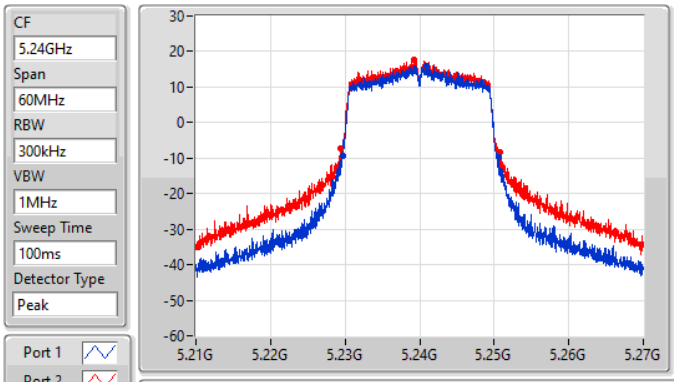


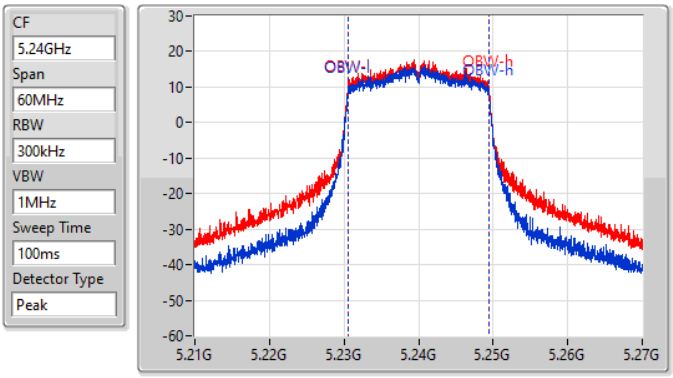
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.88M	5.1895G	5.21038G	18.831M	5.190555G	5.209385G	Inf	1
20.76M	5.1895G	5.21026G	18.861M	5.190555G	5.209415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

17/08/2021



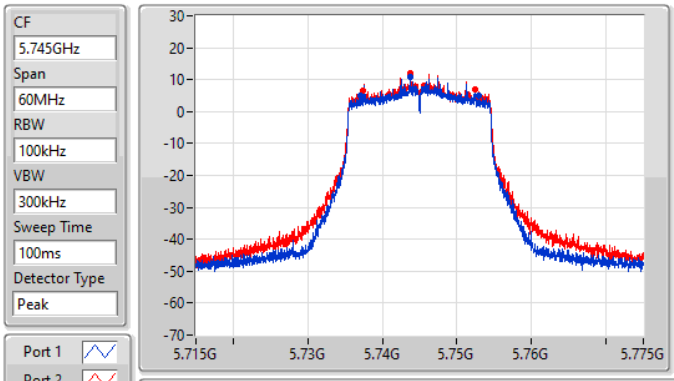


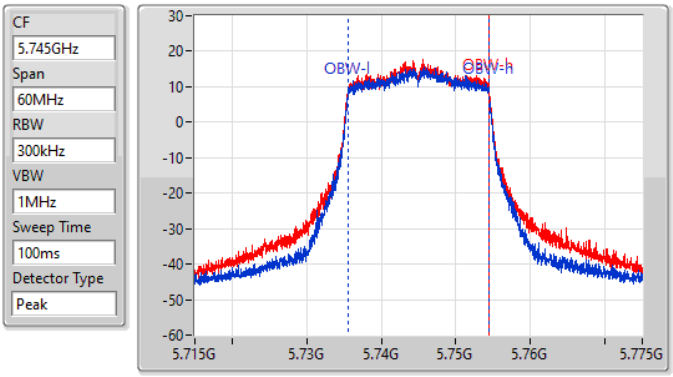
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.97M	5.22965G	5.25062G	18.861M	5.230555G	5.249415G	Inf	1
21.48M	5.22932G	5.2508G	18.831M	5.230555G	5.249385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

19/08/2021



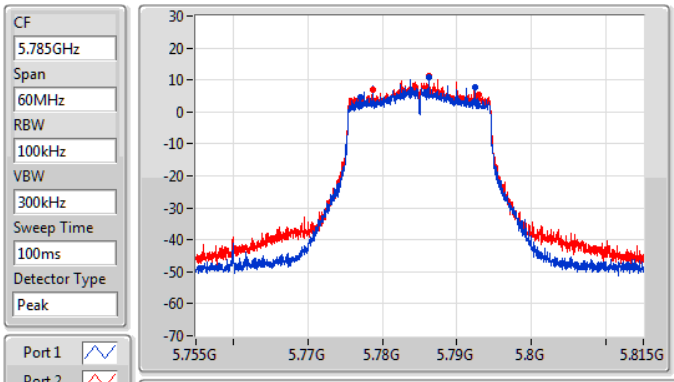


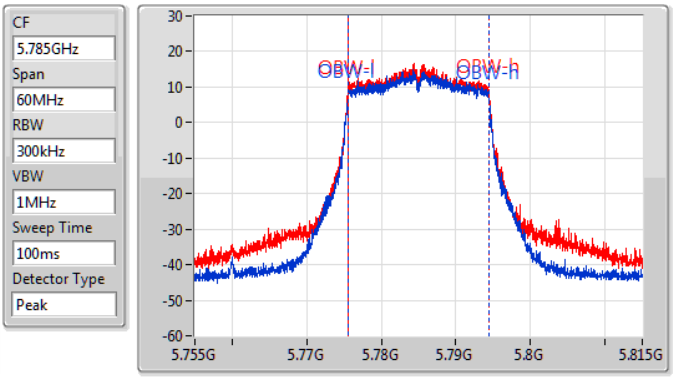
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.84M	5.73702G	5.75286G	18.87M	5.73555G	5.75442G	500k	1
15M	5.73744G	5.75244G	18.93M	5.73552G	5.75445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

26/08/2021



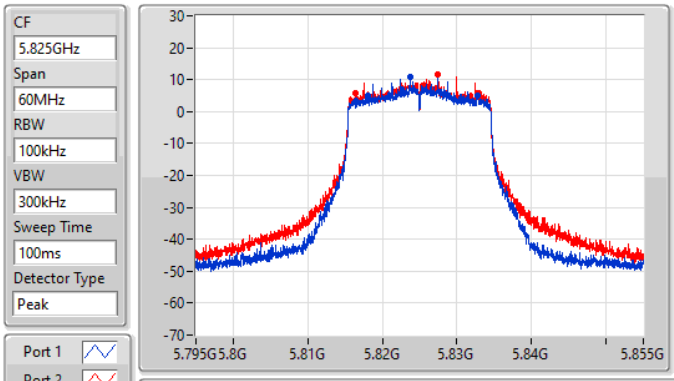


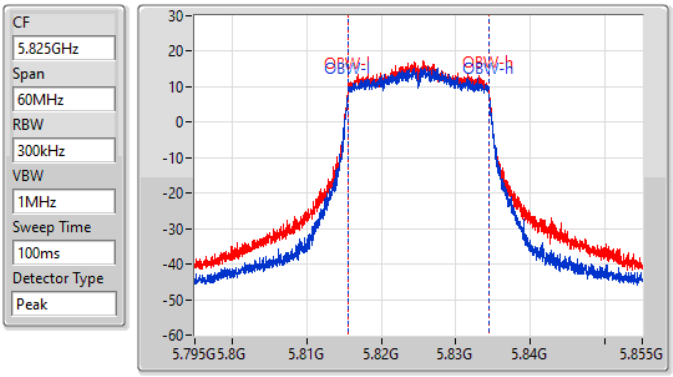
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.36M	5.77711G	5.79247G	18.861M	5.775555G	5.794415G	500k	1
14.31M	5.77867G	5.79298G	18.861M	5.775555G	5.794415G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

19/08/2021



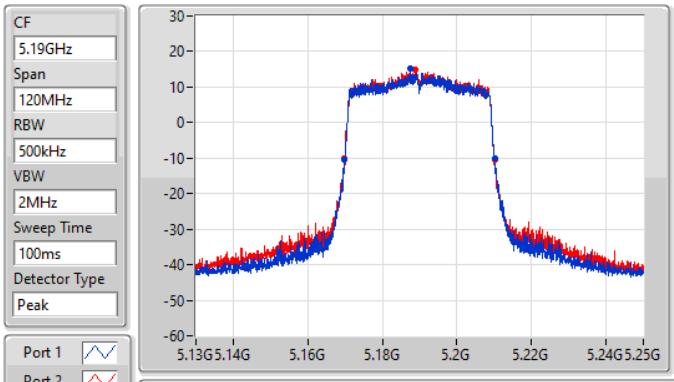


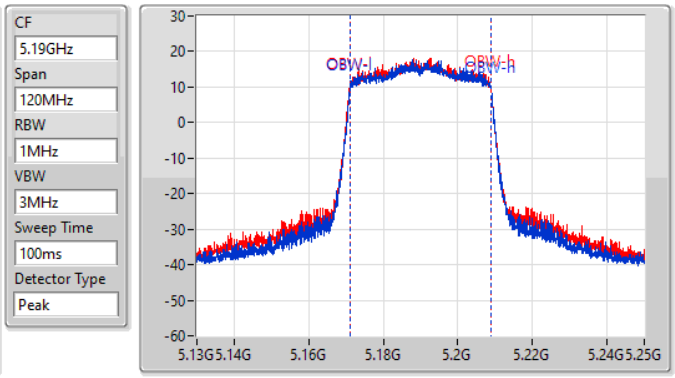
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.67M	5.81813G	5.8328G	18.87M	5.81555G	5.83442G	500k	1
16.59M	5.81642G	5.83301G	18.87M	5.81555G	5.83442G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

17/08/2021



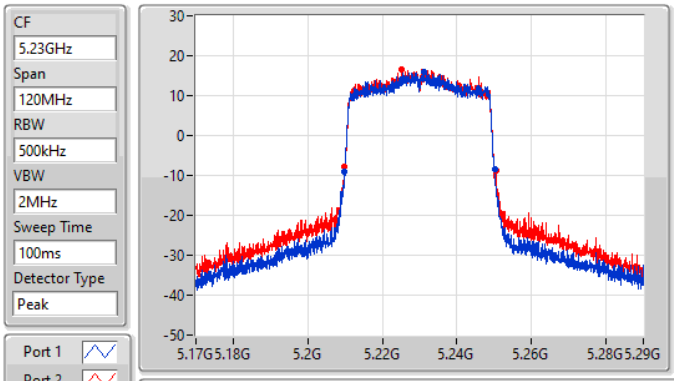


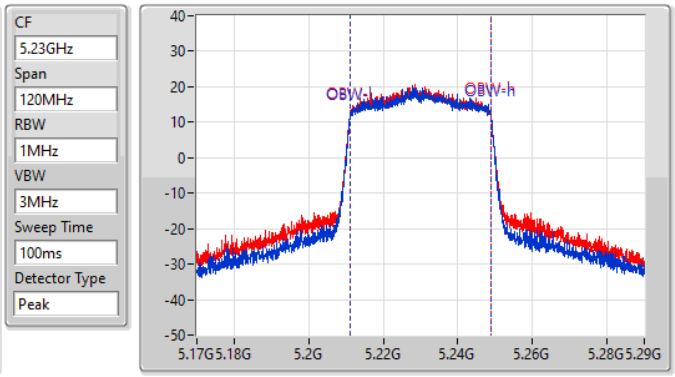
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.16984G	5.2101G	37.721M	5.171109G	5.208831G	Inf	1
40.32M	5.16978G	5.2101G	37.661M	5.171109G	5.208771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

17/08/2021



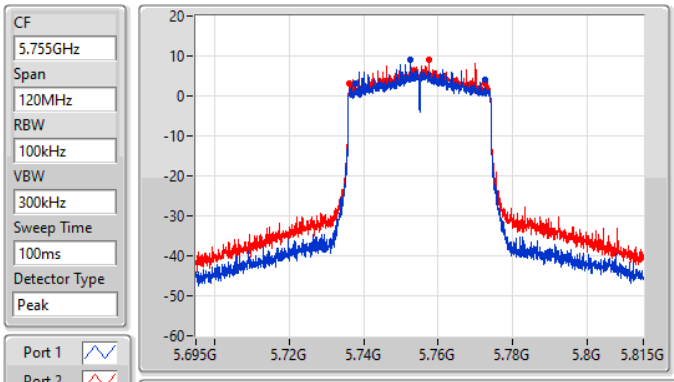


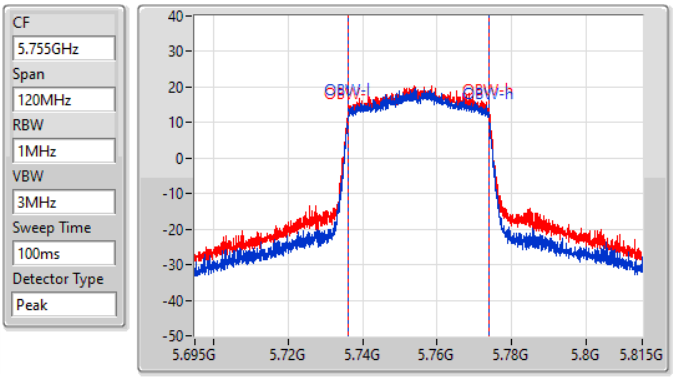
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.20984G	5.25022G	37.721M	5.211109G	5.248831G	Inf	1
40.56M	5.2099G	5.25046G	37.721M	5.211109G	5.248831G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

17/08/2021



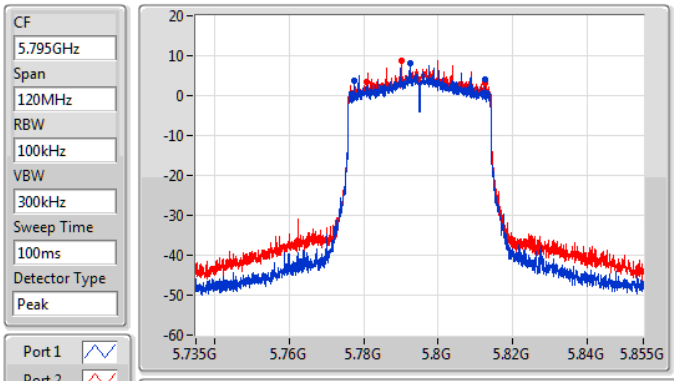


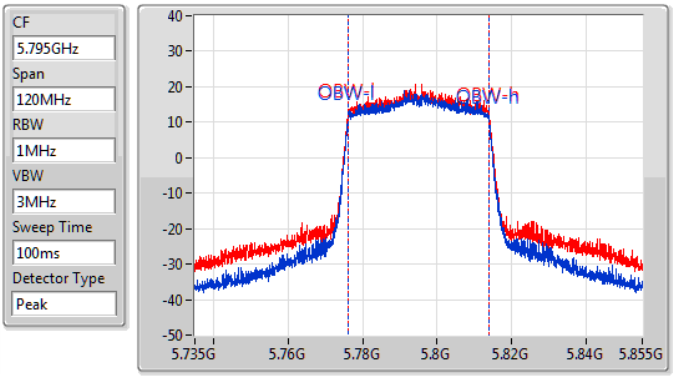
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.62M	5.73784G	5.77246G	37.721M	5.736109G	5.773831G	500k	1
36.48M	5.73616G	5.77264G	37.781M	5.736109G	5.773891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

26/08/2021



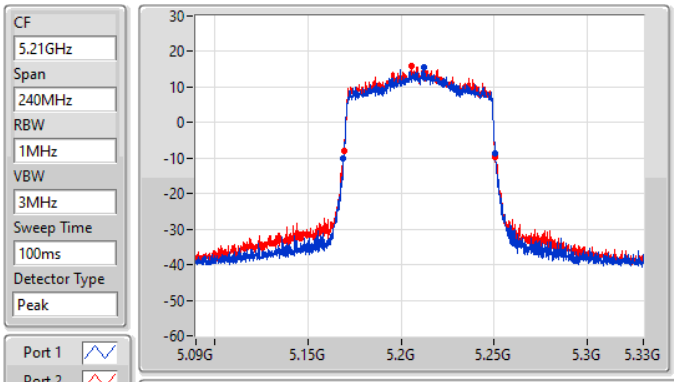


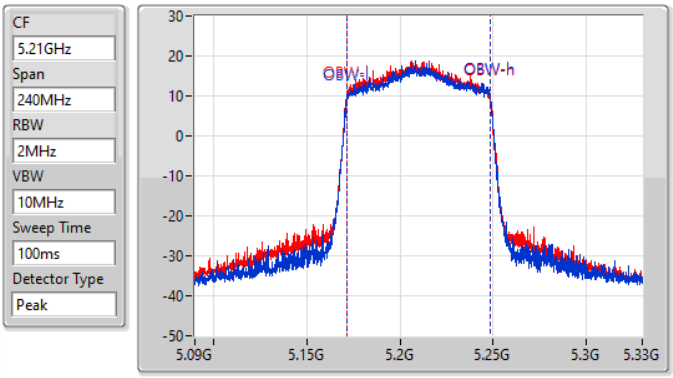
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.04M	5.77748G	5.81252G	37.661M	5.776169G	5.813831G	500k	1
31.92M	5.78078G	5.8127G	37.781M	5.776109G	5.813891G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

17/08/2021



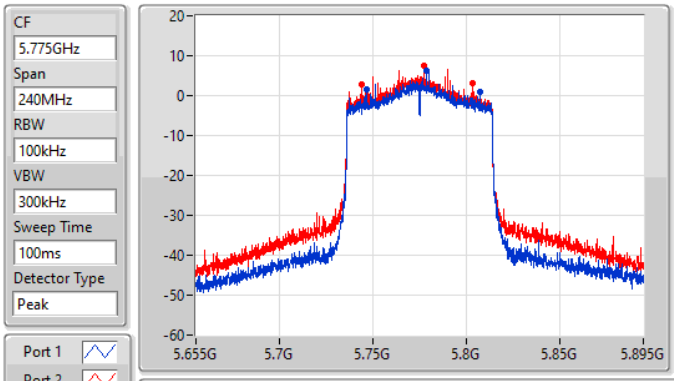


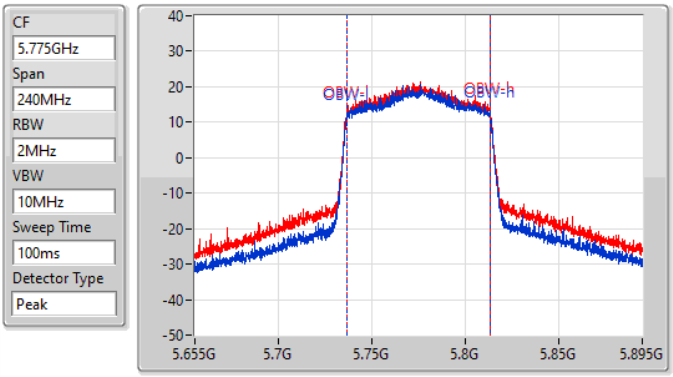
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.1692G	5.25044G	76.762M	5.171619G	5.248381G	Inf	1
81.24M	5.16932G	5.25056G	76.642M	5.171619G	5.248261G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

17/08/2021



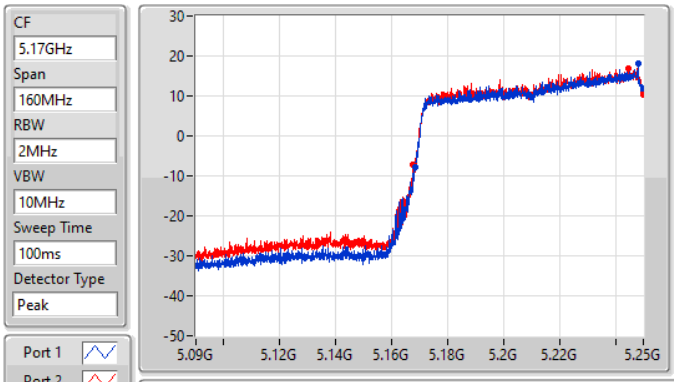


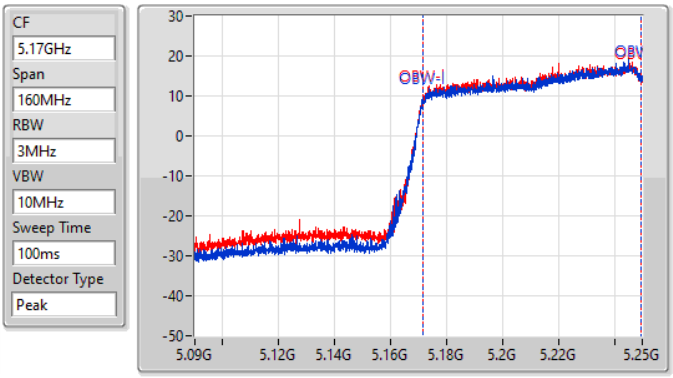
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
61.2M	5.74632G	5.80752G	76.762M	5.736619G	5.813381G	500k	1
60M	5.74368G	5.80368G	76.762M	5.736619G	5.813381G	500k	2

802.11ax HEW160_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.15-5.25GHz

17/08/2021



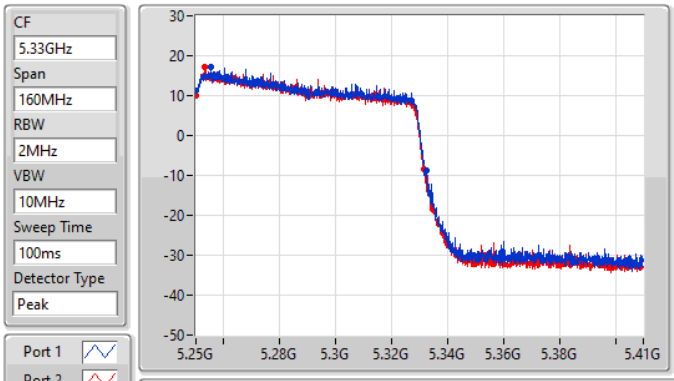


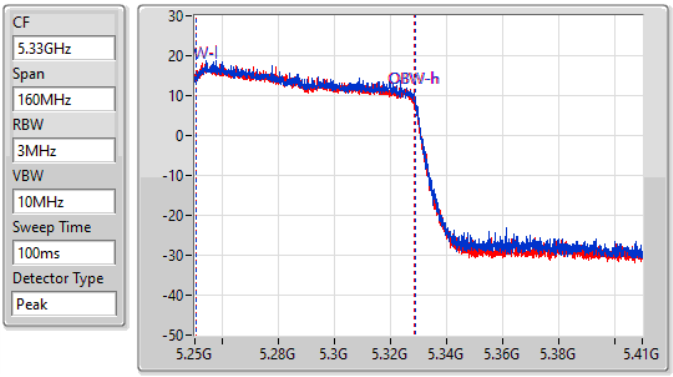
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.68M	5.16832G	5.25G	78.201M	5.171439G	5.24964G	Inf	1
82.24M	5.167776G	5.25G	78.041M	5.171519G	5.24956G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.25-5.35GHz

17/08/2021





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.24M	5.25G	5.33224G	78.361M	5.25036G	5.328721G	Inf	1
81.76M	5.25G	5.33176G	78.201M	5.25028G	5.328481G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.19	0.41591
802.11ax HEW20_Nss1,(MCS0)_2TX	25.99	0.39719
802.11ax HEW40_Nss1,(MCS0)_2TX	25.88	0.38726
802.11ax HEW80_Nss1,(MCS0)_2TX	23.85	0.24266
802.11ax HEW160_Nss1,(MCS0)_2TX	20.80	0.12023
5.25-5.35GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	20.95	0.12445
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.45	0.44157
802.11ax HEW20_Nss1,(MCS0)_2TX	26.32	0.42855
802.11ax HEW40_Nss1,(MCS0)_2TX	26.06	0.40365
802.11ax HEW80_Nss1,(MCS0)_2TX	25.97	0.39537

Result

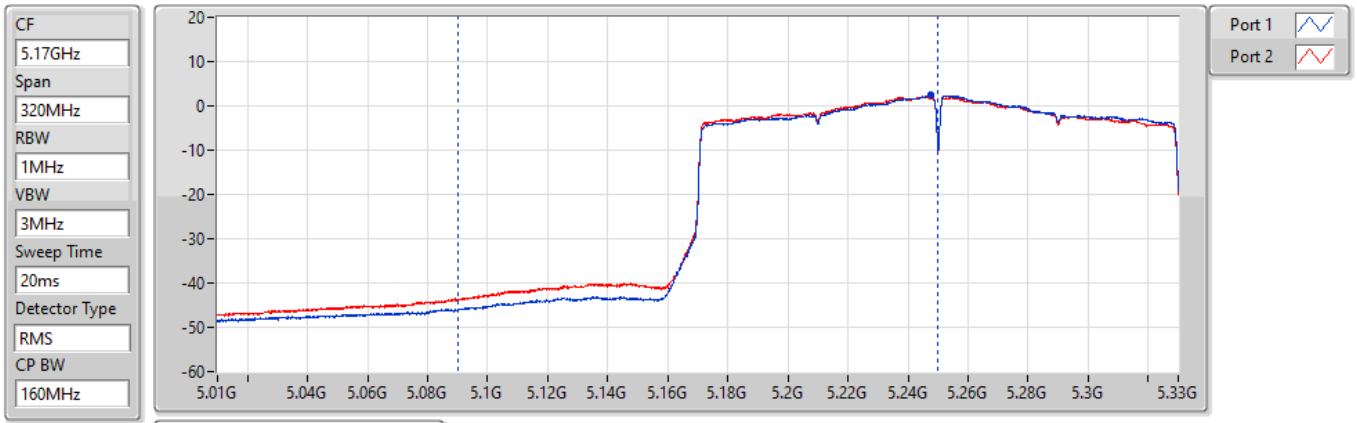
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	0.97	21.94	22.55	25.27	30.00
5200MHz	Pass	0.97	22.24	23.26	25.79	30.00
5240MHz	Pass	0.97	22.60	23.69	26.19	30.00
5745MHz	Pass	0.97	21.66	23.14	25.47	30.00
5785MHz	Pass	0.97	22.95	23.16	26.07	30.00
5825MHz	Pass	0.97	23.31	23.56	26.45	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	0.97	21.77	22.31	25.06	30.00
5200MHz	Pass	0.97	21.88	22.89	25.42	30.00
5240MHz	Pass	0.97	22.39	23.49	25.99	30.00
5745MHz	Pass	0.97	22.89	22.68	25.80	30.00
5785MHz	Pass	0.97	22.79	23.00	25.91	30.00
5825MHz	Pass	0.97	23.30	23.32	26.32	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	0.97	20.81	21.22	24.03	30.00
5230MHz	Pass	0.97	22.73	23.00	25.88	30.00
5755MHz	Pass	0.97	22.54	23.50	26.06	30.00
5795MHz	Pass	0.97	21.16	22.26	24.76	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	0.97	20.62	21.05	23.85	30.00
5775MHz	Pass	0.97	22.33	23.51	25.97	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	0.97	17.61	17.96	20.80	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	0.97	18.09	17.79	20.95	23.98

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

802.11ax HEW160_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

17/08/2021



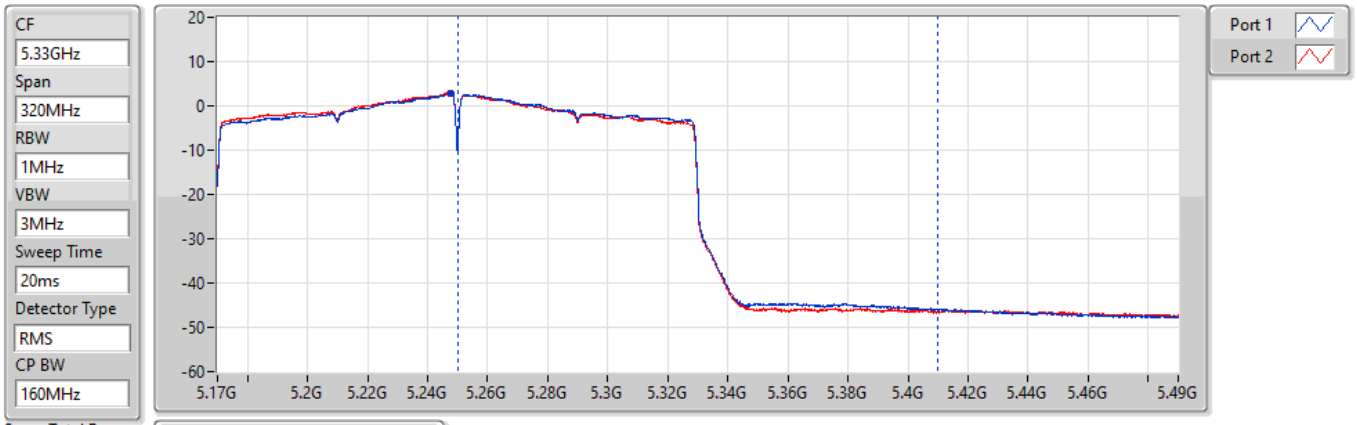
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.80	17.61	17.96

802.11ax HEW160_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

17/08/2021



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.95	18.09	17.79

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.35
802.11ax HEW20_Nss1,(MCS0)_2TX	13.37
802.11ax HEW40_Nss1,(MCS0)_2TX	10.79
802.11ax HEW80_Nss1,(MCS0)_2TX	6.05
802.11ax HEW160_Nss1,(MCS0)_2TX	3.81
5.25-5.35GHz	-
802.11ax HEW160_Nss1,(MCS0)_2TX	3.86
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.91
802.11ax HEW20_Nss1,(MCS0)_2TX	7.99
802.11ax HEW40_Nss1,(MCS0)_2TX	9.38
802.11ax HEW80_Nss1,(MCS0)_2TX	6.91

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

Result

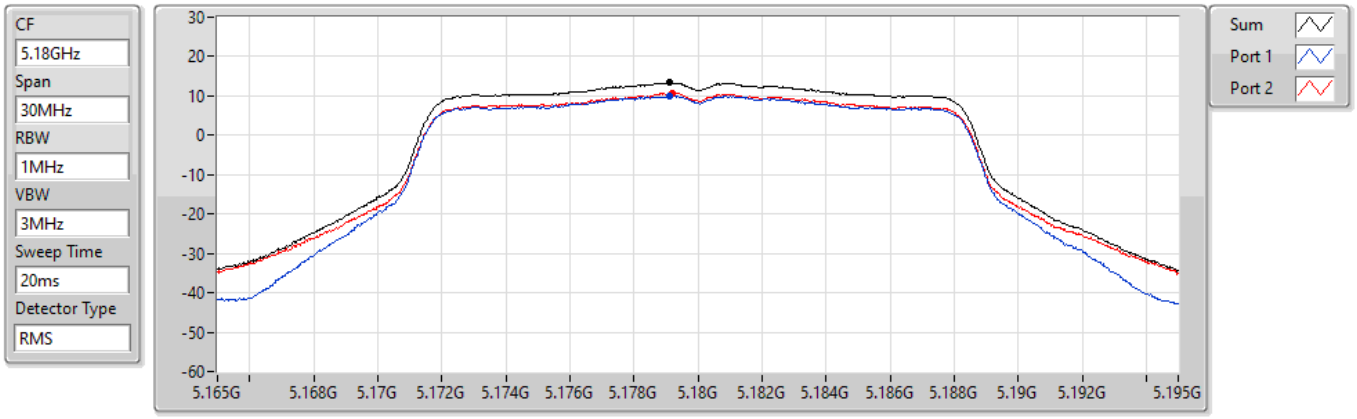
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.95	10.08	10.66	13.36	17.00
5200MHz	Pass	3.95	10.12	11.39	13.76	17.00
5240MHz	Pass	3.95	10.89	11.82	14.35	17.00
5745MHz	Pass	3.95	5.51	6.42	8.91	30.00
5785MHz	Pass	3.95	4.87	6.10	8.46	30.00
5825MHz	Pass	3.95	5.09	6.05	8.61	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.95	9.05	9.61	12.31	17.00
5200MHz	Pass	3.95	9.36	10.18	12.71	17.00
5240MHz	Pass	3.95	9.94	10.77	13.37	17.00
5745MHz	Pass	3.95	4.57	5.56	7.99	30.00
5785MHz	Pass	3.95	4.18	5.55	7.90	30.00
5825MHz	Pass	3.95	4.31	5.34	7.84	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.95	5.27	5.95	8.57	17.00
5230MHz	Pass	3.95	7.62	8.08	10.79	17.00
5755MHz	Pass	3.95	5.84	6.92	9.38	30.00
5795MHz	Pass	3.95	5.00	6.15	8.53	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.95	2.77	3.42	6.05	17.00
5775MHz	Pass	3.95	3.26	4.62	6.91	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.95	0.85	0.81	3.81	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.95	0.88	0.84	3.86	11.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

5180MHz

17/08/2021

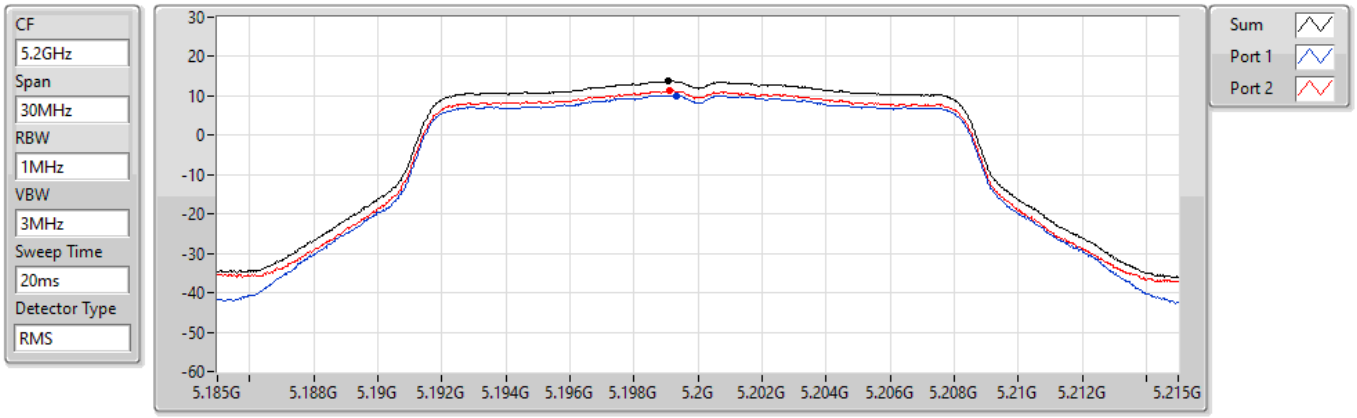


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.36	13.36	10.08	10.66

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

17/08/2021

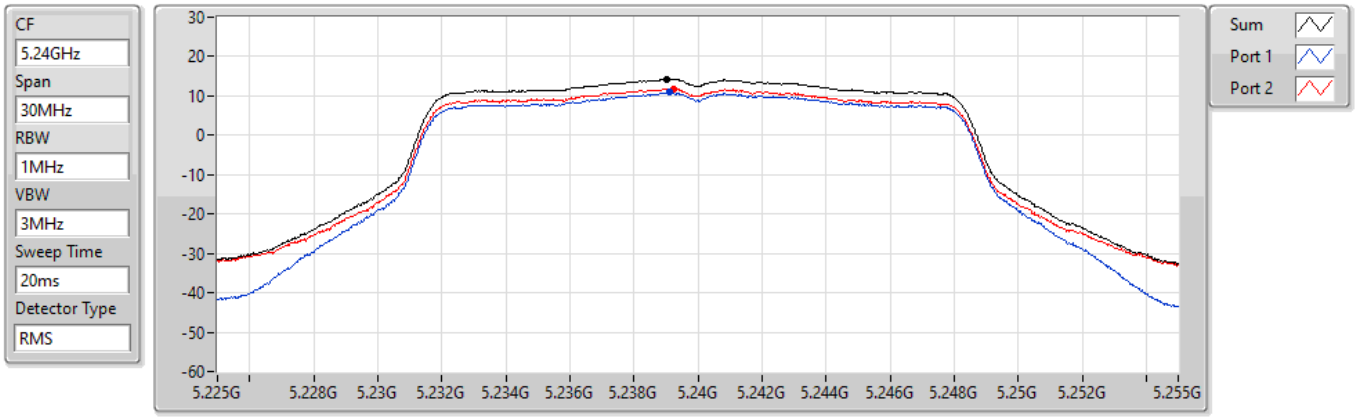


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.76	13.76	10.12	11.39

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

17/08/2021

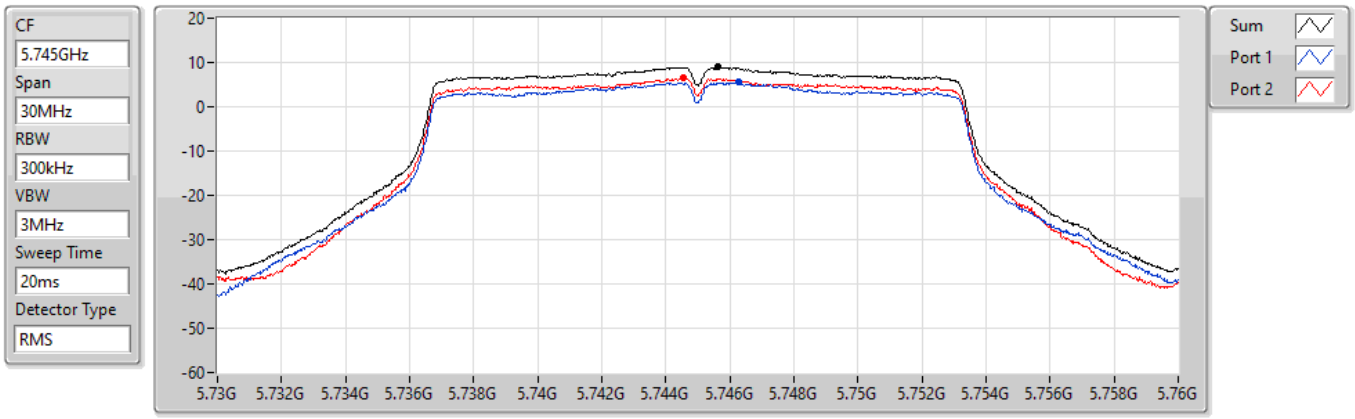


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.35	14.35	10.89	11.82

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

19/08/2021

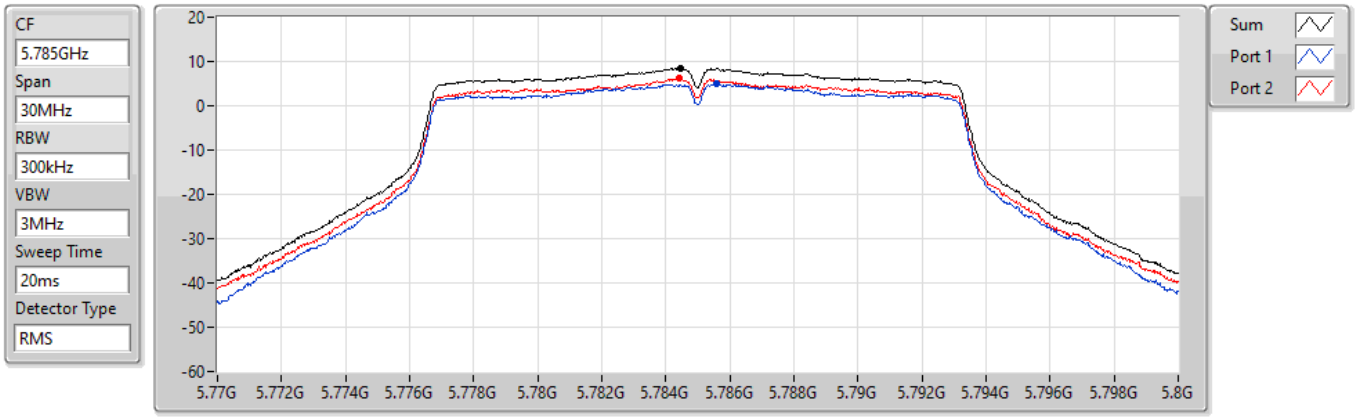


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	5.51	6.42

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

19/08/2021

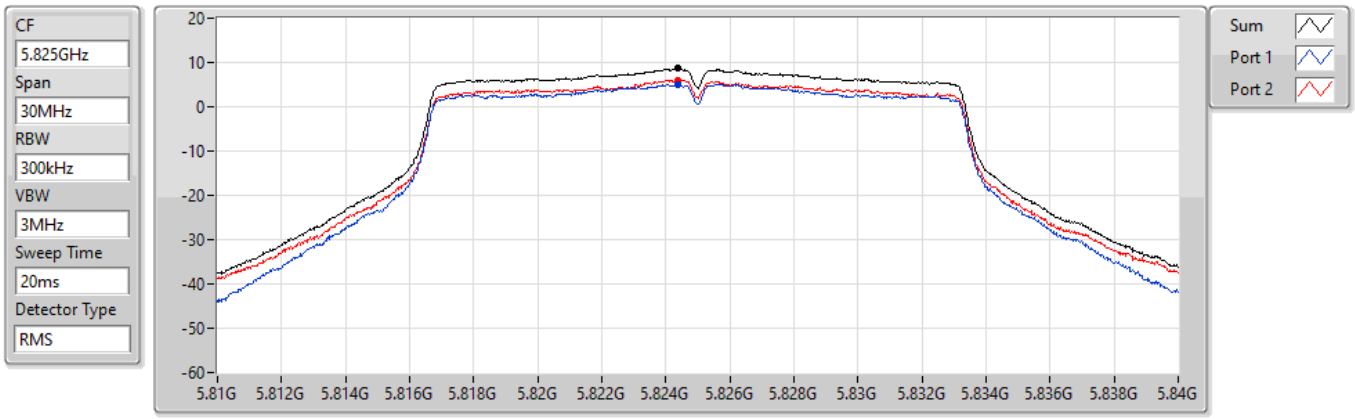


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	4.87	6.10

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

19/08/2021

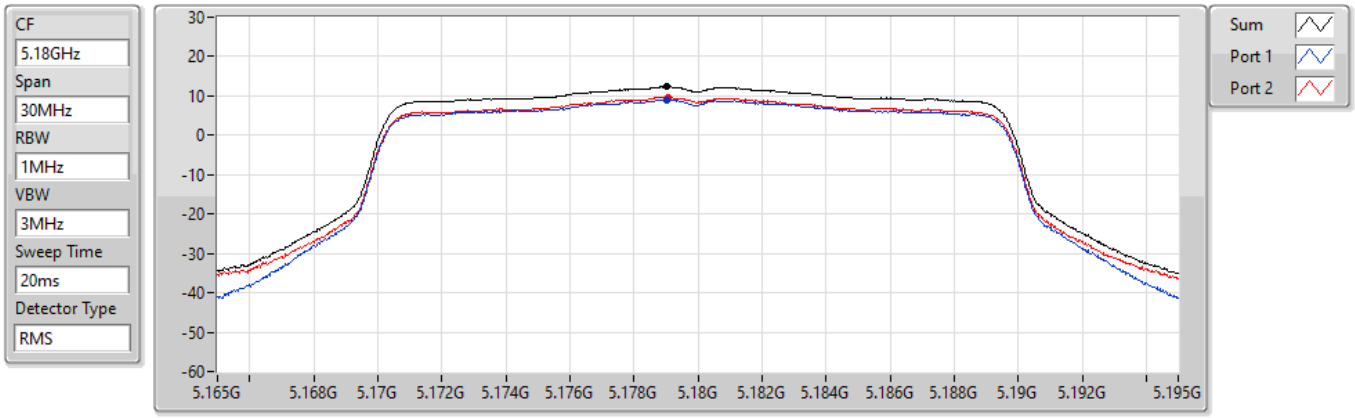


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.61	8.61	5.09	6.05

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5180MHz

17/08/2021

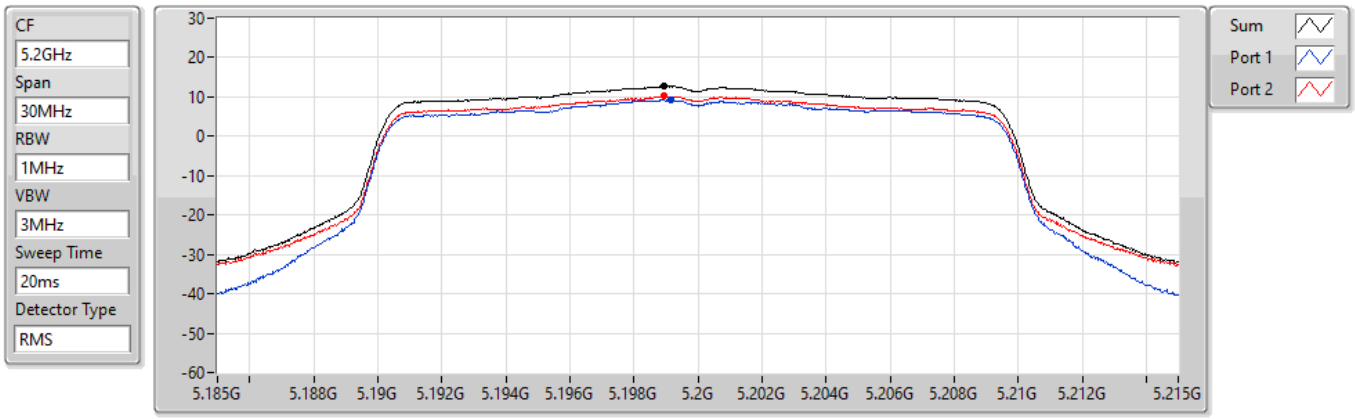


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	9.05	9.61

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5200MHz

17/08/2021

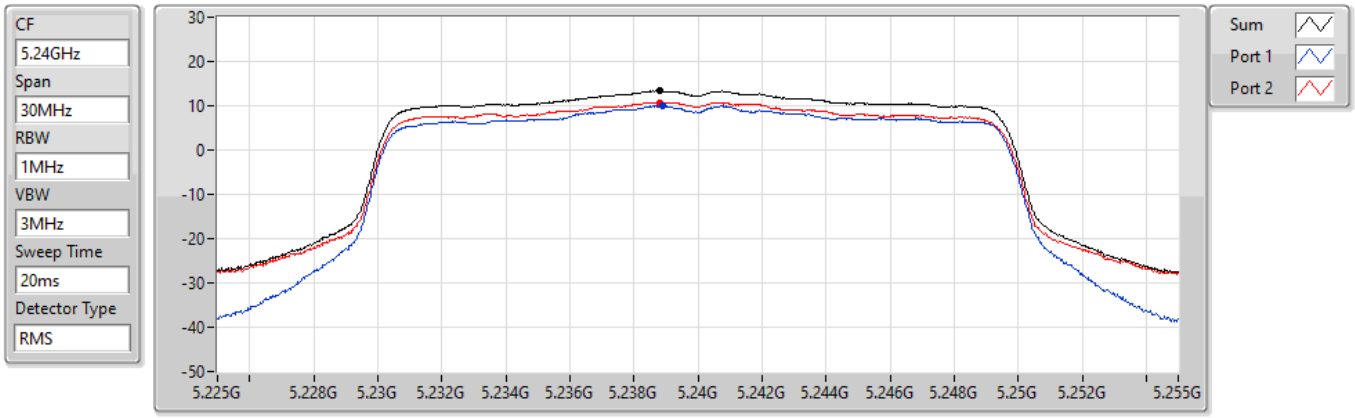


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.71	12.71	9.36	10.18

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5240MHz

17/08/2021

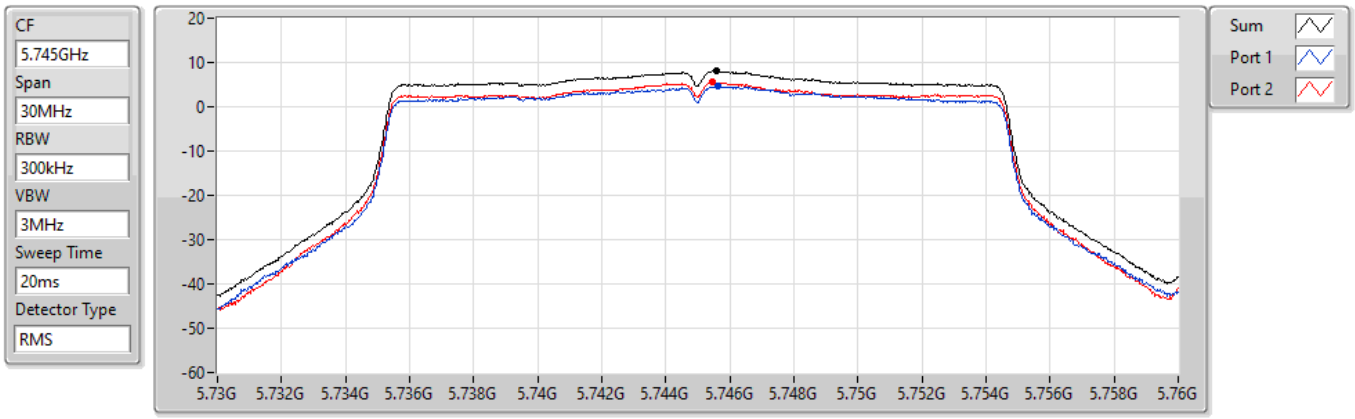


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.37	13.37	9.94	10.77

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5745MHz

19/08/2021

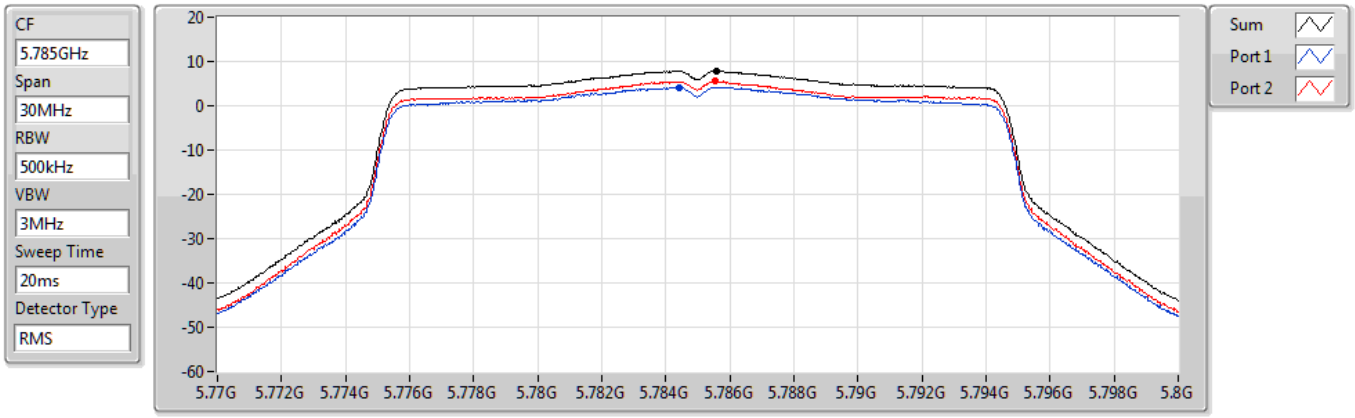


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	4.57	5.56

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5785MHz

26/08/2021

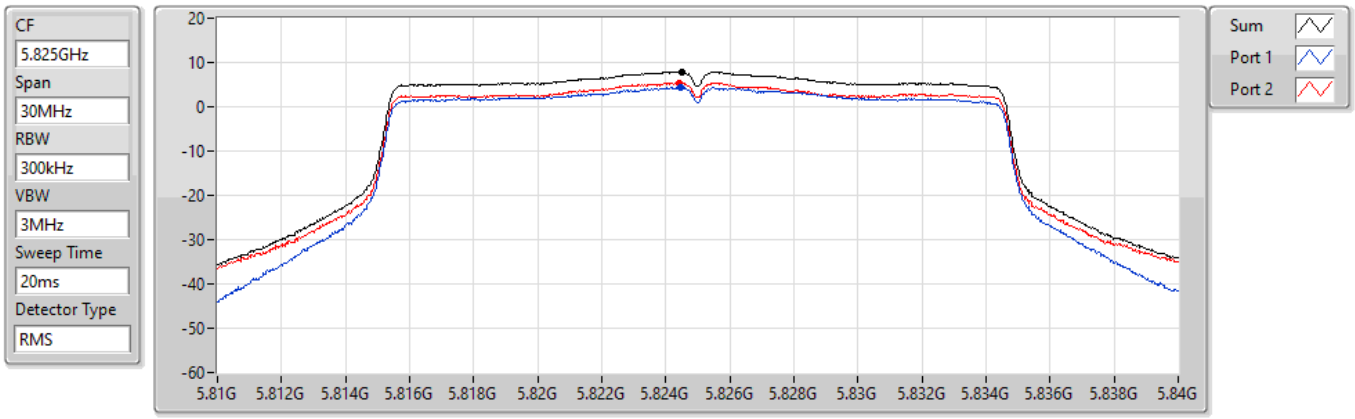


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	4.18	5.55

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5825MHz

19/08/2021

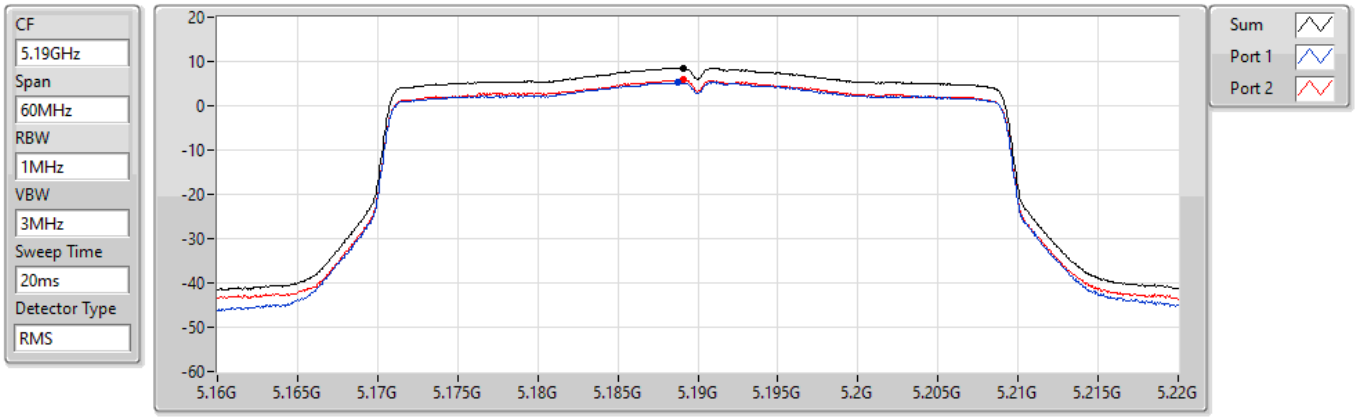


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	4.31	5.34

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5190MHz

17/08/2021

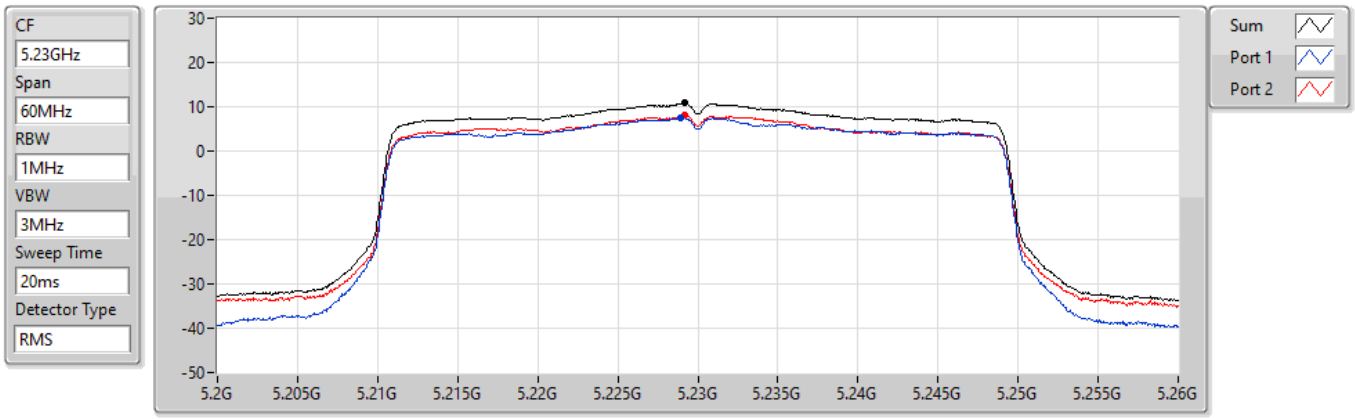


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.57	8.57	5.27	5.95

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5230MHz

17/08/2021

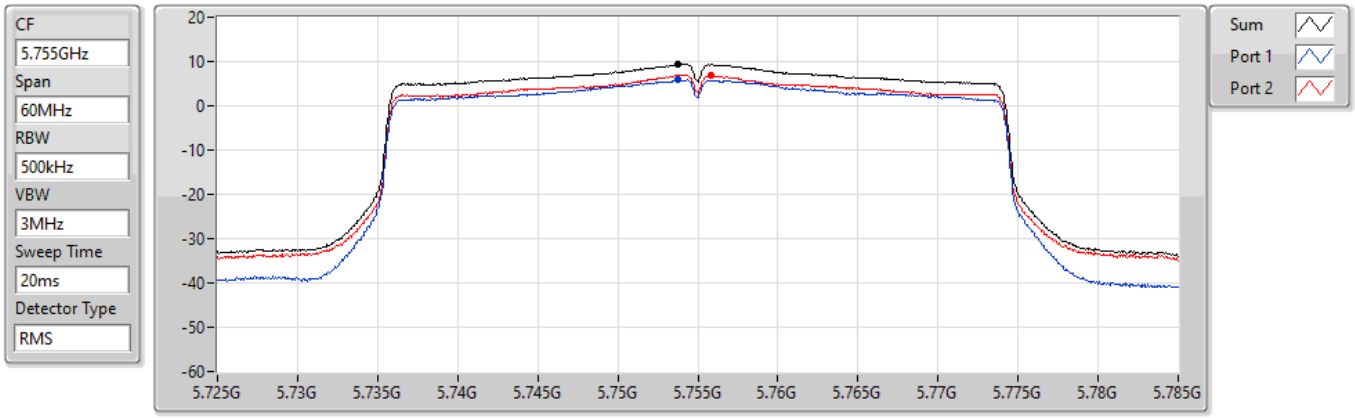


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	7.62	8.08

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5755MHz

17/08/2021

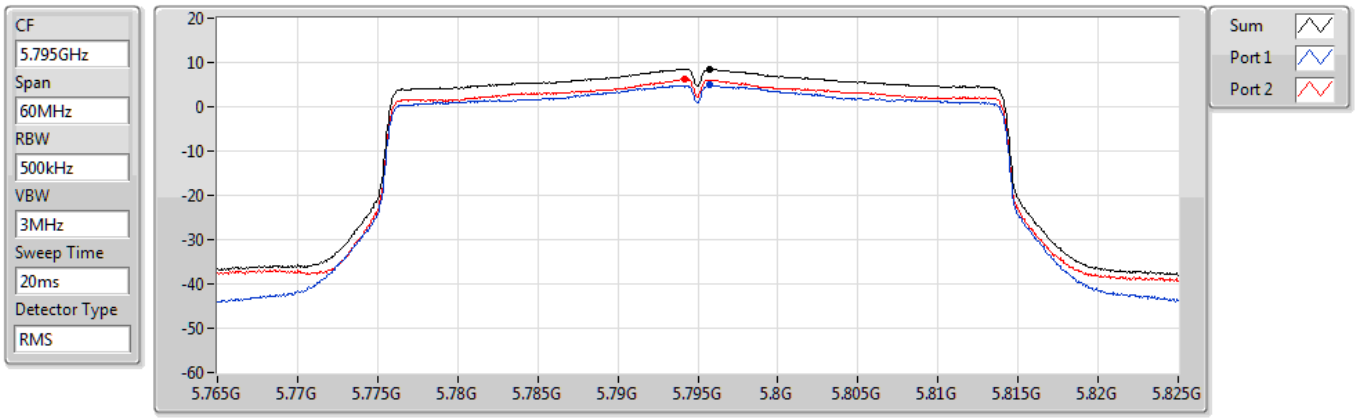


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	5.84	6.92

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5795MHz

26/08/2021

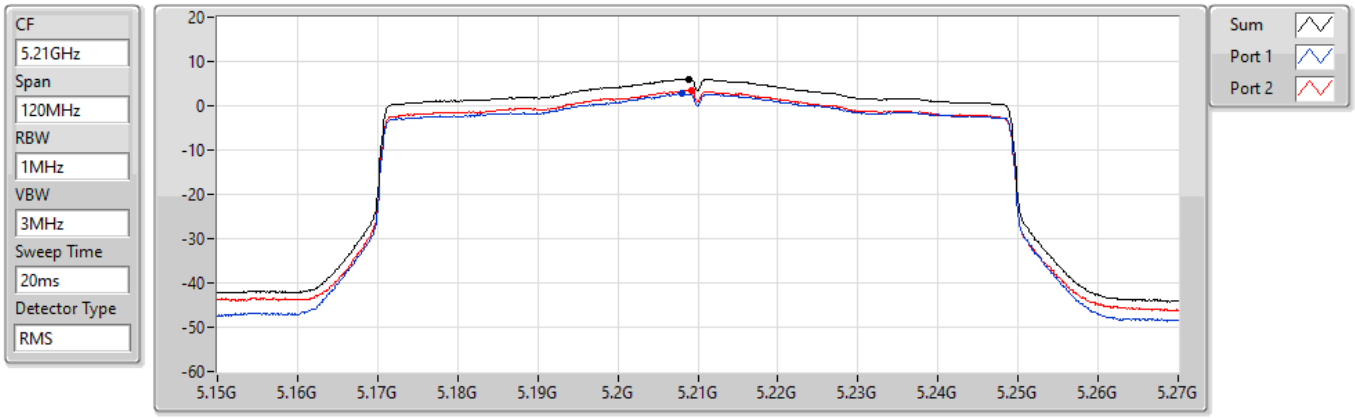


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	5.00	6.15

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5210MHz

17/08/2021

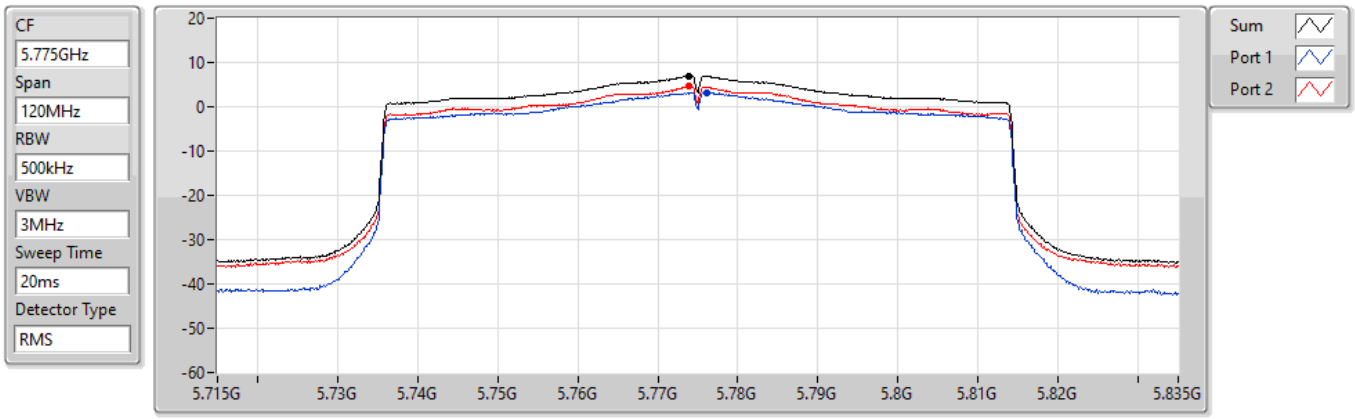


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.05	6.05	2.77	3.42

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz

17/08/2021

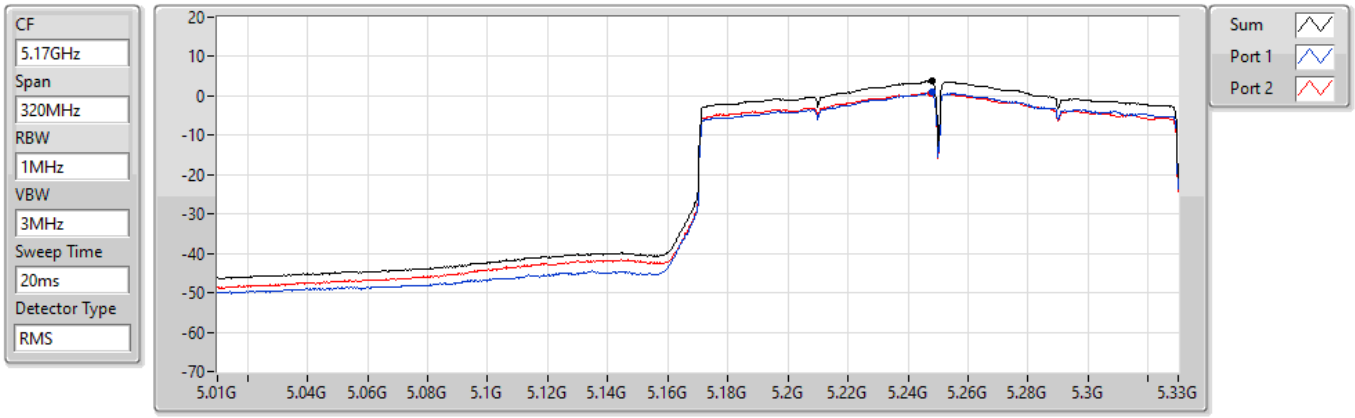


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	3.26	4.62

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.15-5.25GHz

17/08/2021

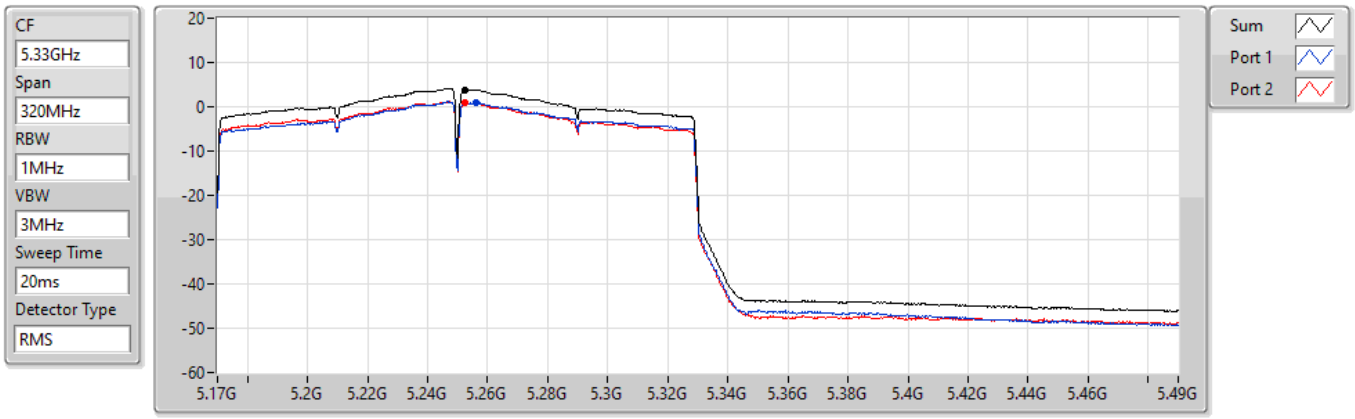


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.81	3.81	0.85	0.81

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.25-5.35GHz

17/08/2021

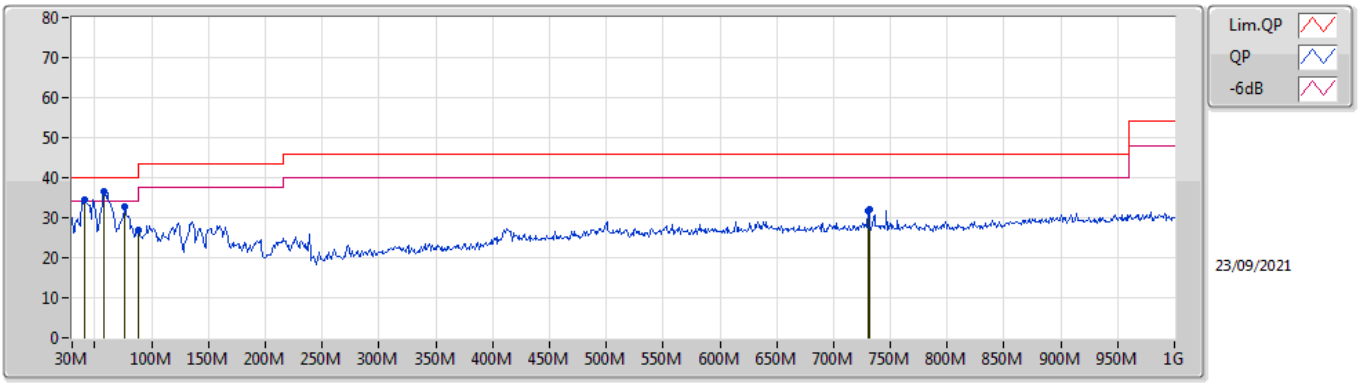


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	0.88	0.84

Intentional-CTX
Summary

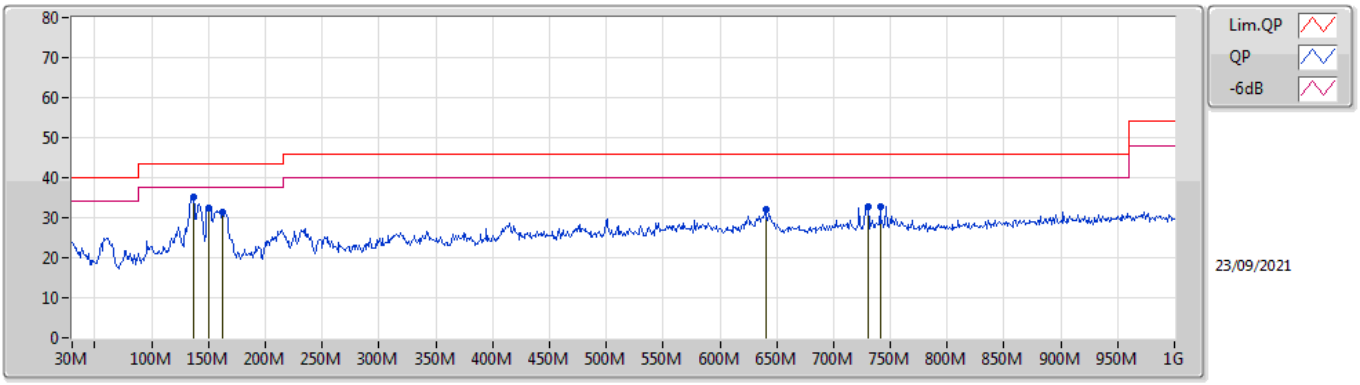
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	58.13M	36.53	40.00	-3.47	Vertical

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	40.67M	34.64	40.00	-5.36	-12.63	3	Vertical	232	1.00	-	47.27	18.44	0.60	31.67
PK	58.13M	36.53	40.00	-3.47	-18.74	3	Vertical	0	1.25	"Worst"	55.27	12.33	0.76	31.83
PK	76.56M	32.90	40.00	-7.10	-18.60	3	Vertical	0	1.25	-	51.50	12.41	0.90	31.91
PK	88M	26.92	40.00	-13.08	-16.66	3	Vertical	212	1.00	-	43.58	14.25	1.00	31.91
PK	730.34M	31.61	46.00	-14.39	-4.17	3	Vertical	349	3.00	-	35.78	24.96	3.56	32.69
PK	731.31M	32.11	46.00	-13.89	-4.16	3	Vertical	359	1.50	-	36.27	24.97	3.56	32.69

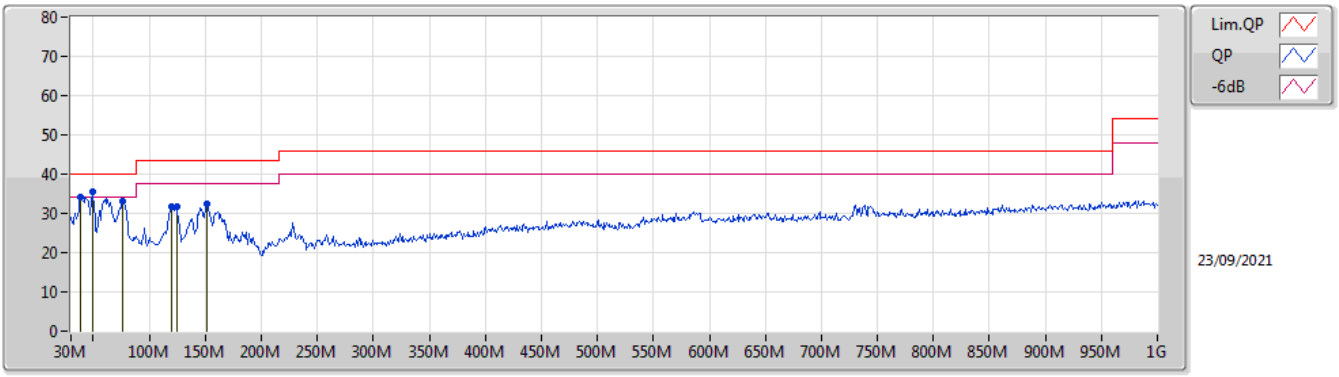
Mode 2



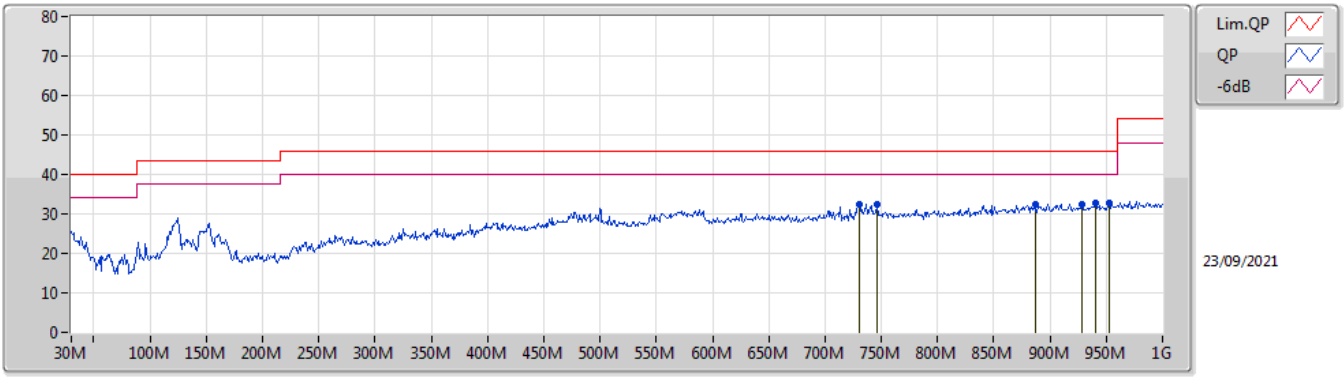
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	136.7M	35.02	43.50	-8.48	-13.45	3	Horizontal	235	2.00	"Worst"	48.47	17.21	1.30	31.96
PK	150.28M	32.49	43.50	-11.01	-14.50	3	Horizontal	260	2.00	-	46.99	16.11	1.35	31.96
PK	162.89M	31.28	43.50	-12.22	-15.00	3	Horizontal	282	1.50	-	46.28	15.55	1.41	31.96
PK	640.13M	32.07	46.00	-13.93	-4.64	3	Horizontal	125	1.25	-	36.71	24.61	3.28	32.53
PK	730.34M	32.64	46.00	-13.36	-4.17	3	Horizontal	34	1.00	-	36.81	24.96	3.56	32.69
PK	741.01M	32.82	46.00	-13.18	-3.99	3	Horizontal	138	1.50	-	36.81	25.13	3.58	32.70

Unintentional-CRX
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	49.4M	35.44	40.00	-4.56	Vertical



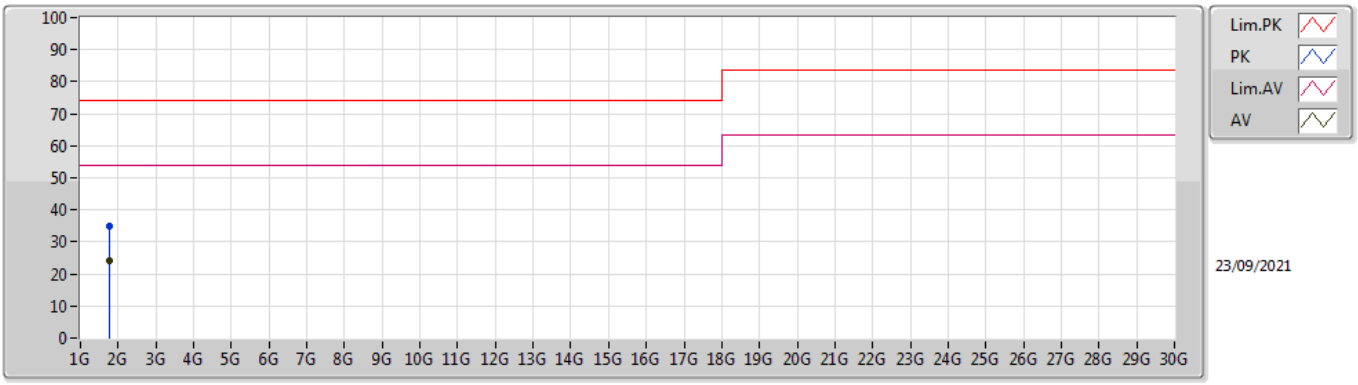
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	38.73M	34.31	40.00	-5.69	-11.69	3	Vertical	246	1.00	-	46.00	19.38	0.57	31.64
PK	49.4M	35.44	40.00	-4.56	-17.02	3	Vertical	259	1.00	"Worst"	52.46	14.14	0.60	31.76
PK	76.56M	33.19	40.00	-6.81	-18.60	3	Vertical	109	1.00	-	51.79	12.41	0.90	31.91
PK	119.24M	31.76	43.50	-11.74	-12.63	3	Vertical	147	1.00	-	44.39	18.02	1.29	31.94
PK	124.09M	31.80	43.50	-11.70	-12.72	3	Vertical	154	1.00	-	44.52	17.92	1.30	31.94
PK	151.25M	32.51	43.50	-10.99	-14.52	3	Vertical	0	1.25	-	47.03	16.08	1.36	31.96



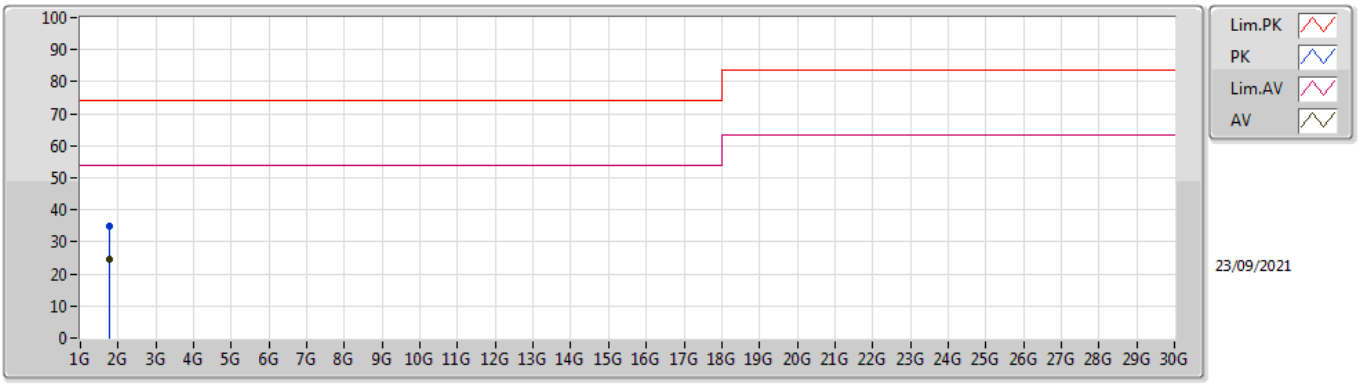
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	730.34M	32.58	46.00	-13.42	-4.17	3	Horizontal	248	1.50	-	36.75	24.96	3.56	32.69
PK	746.83M	32.55	46.00	-13.45	-3.95	3	Horizontal	202	1.50	-	36.50	25.17	3.59	32.71
PK	887.48M	32.55	46.00	-13.45	-2.26	3	Horizontal	0	1.50	-	34.81	26.19	4.20	32.65
PK	928.22M	32.43	46.00	-13.57	-2.11	3	Horizontal	164	1.50	-	34.54	26.20	4.30	32.61
PK	940.83M	32.72	46.00	-13.28	-1.94	3	Horizontal	0	3.00	-	34.66	26.35	4.30	32.59
PK	952.47M	32.80	46.00	-13.20	-1.77	3	Horizontal	360	3.00	"Worst"	34.57	26.50	4.30	32.57

Unintentional-CRX
Unintentional 1GHz~5th Harmonic
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	1.74979G	24.50	54.00	-29.50	Horizontal



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	1.74986G	35.05	74.00	-38.95	-8.85	3	Vertical	146	1.57	-	43.90	24.90	3.55	37.30
AV	1.74973G	24.21	54.00	-29.79	-8.85	3	Vertical	146	1.57	"Worst"	33.06	24.90	3.55	37.30



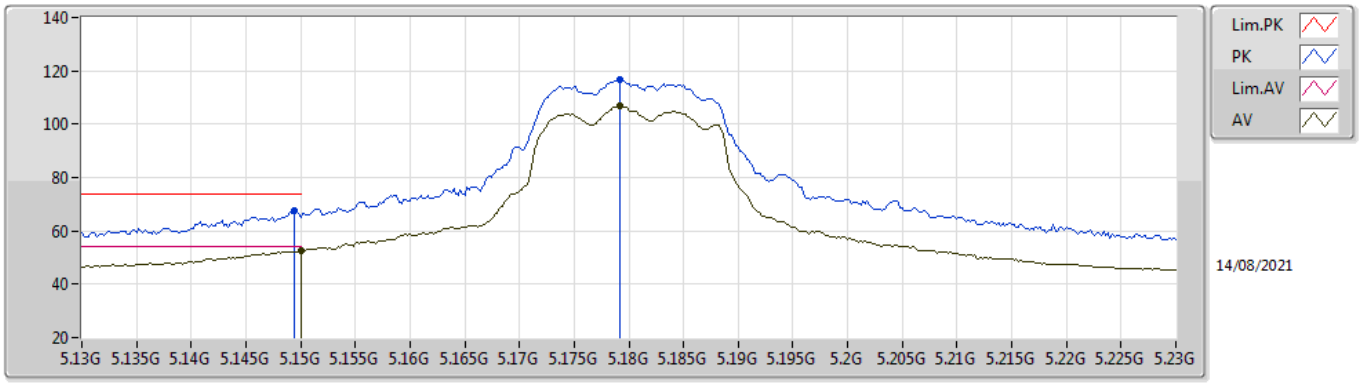
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.74987G	34.80	74.00	-39.20	-8.85	3	Horizontal	154	1.00	-	43.65	24.90	3.55	37.30
AV	1.74979G	24.50	54.00	-29.50	-8.85	3	Horizontal	154	1.00	"Worst"	33.35	24.90	3.55	37.30

Intentional-CTX
Intentional 1GHz~10th Harmonic
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 HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.926G	68.19	68.20	-0.01	3	Vertical	349	1.80	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

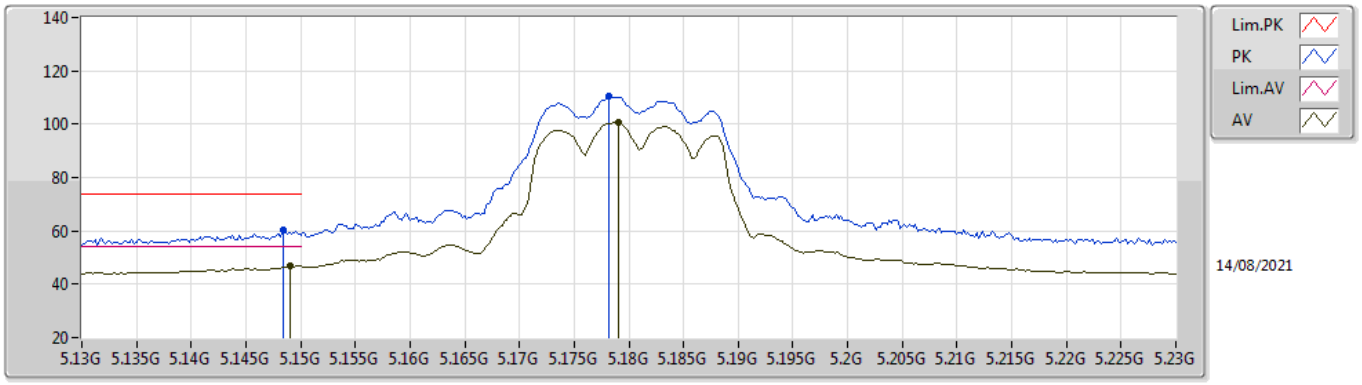


EUT Y_2TX
Setting 22.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	67.83	74.00	-6.17	61.48	3	Vertical	212	1.91	-	33.50	5.00	32.15
AV	5.15G	52.36	54.00	-1.64	46.01	3	Vertical	212	1.91	-	33.50	5.00	32.15
PK	5.1792G	116.96	Inf	-Inf	110.55	3	Vertical	212	1.91	-	33.50	5.06	32.15
AV	5.1792G	107.03	Inf	-Inf	100.62	3	Vertical	212	1.91	-	33.50	5.06	32.15

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

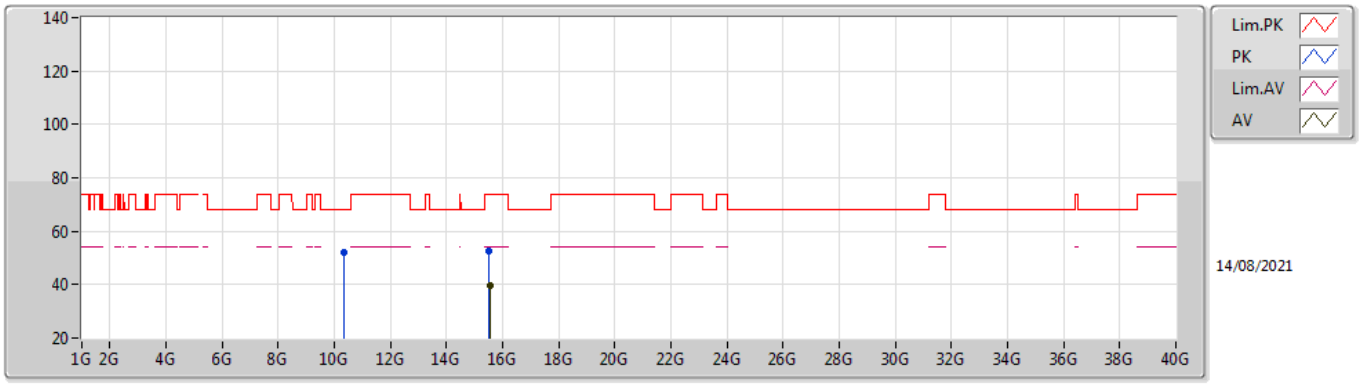


EUT Y_2TX
Setting 22.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	60.42	74.00	-13.58	54.07	3	Horizontal	4	2.83	-	33.50	5.00	32.15
AV	5.149G	46.77	54.00	-7.23	40.42	3	Horizontal	4	2.83	-	33.50	5.00	32.15
PK	5.1782G	110.35	Inf	-Inf	103.94	3	Horizontal	4	2.83	-	33.50	5.06	32.15
AV	5.179G	100.69	Inf	-Inf	94.28	3	Horizontal	4	2.83	-	33.50	5.06	32.15

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

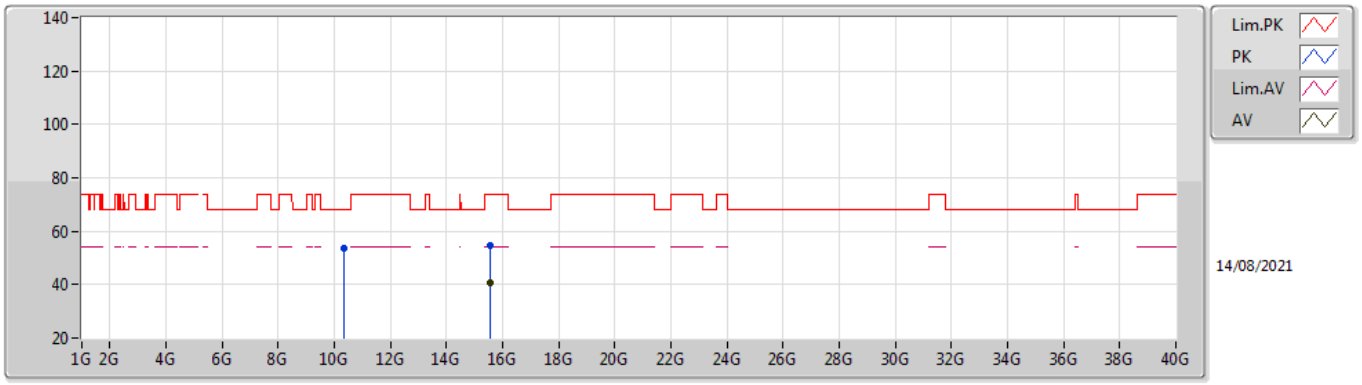


EUT Y_2TX
Setting 22.5
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36012G	51.85	68.20	-16.35	39.14	3	Vertical	235	2.79	-	38.44	7.23	32.96
PK	15.52914G	52.45	74.00	-21.55	38.78	3	Vertical	78	2.63	-	37.81	9.04	33.18
AV	15.54306G	39.55	54.00	-14.45	25.94	3	Vertical	78	2.63	-	37.77	9.04	33.20

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

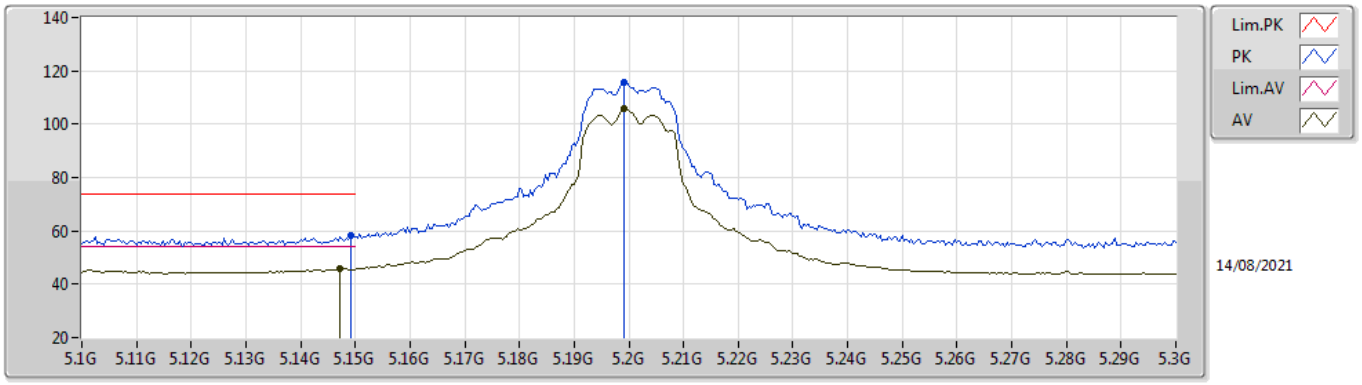


EUT Y_2TX
Setting 22.5
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36G	53.42	68.20	-14.78	40.71	3	Horizontal	239	2.98	-	38.44	7.23	32.96
PK	15.54042G	54.53	74.00	-19.47	40.91	3	Horizontal	250	1.80	-	37.78	9.04	33.20
AV	15.54018G	40.61	54.00	-13.39	26.99	3	Horizontal	250	1.80	-	37.78	9.04	33.20

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

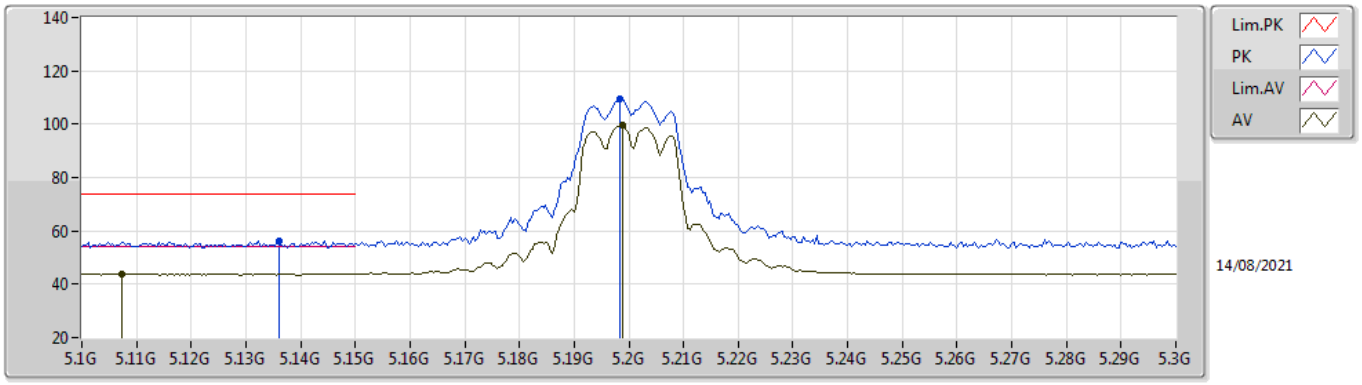


EUT Y_2TX
Setting 22.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	58.45	74.00	-15.55	52.10	3	Vertical	212	2.14	-	33.50	5.00	32.15
AV	5.1472G	45.77	54.00	-8.23	39.43	3	Vertical	212	2.14	-	33.50	4.99	32.15
PK	5.1992G	115.76	Inf	-Inf	109.31	3	Vertical	212	2.14	-	33.50	5.10	32.15
AV	5.1992G	105.88	Inf	-Inf	99.43	3	Vertical	212	2.14	-	33.50	5.10	32.15

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

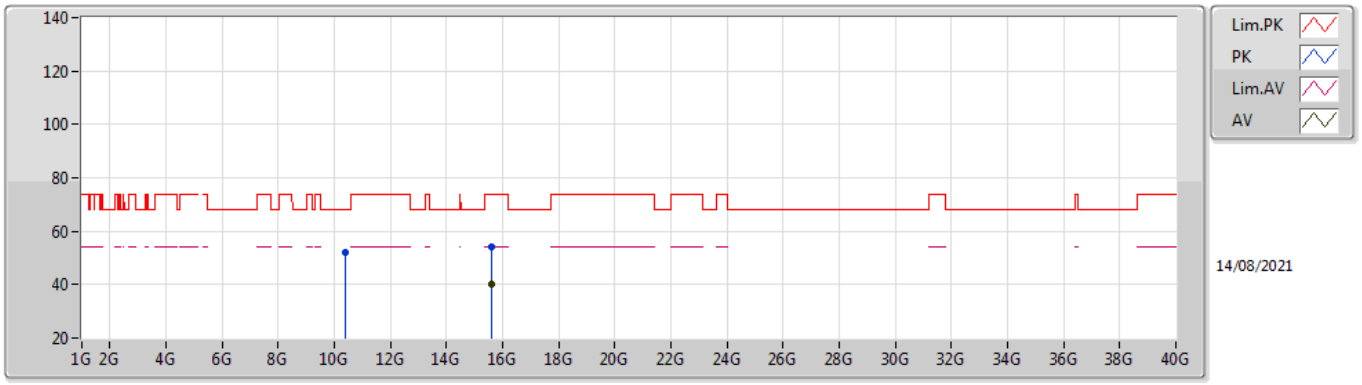


EUT Y_2TX
Setting 22.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.136G	56.39	74.00	-17.61	50.07	3	Horizontal	0	2.95	-	33.50	4.97	32.15
AV	5.1072G	44.04	54.00	-9.96	37.78	3	Horizontal	0	2.95	-	33.50	4.91	32.15
PK	5.1984G	109.37	Inf	-Inf	102.92	3	Horizontal	0	2.95	-	33.50	5.10	32.15
AV	5.1988G	99.44	Inf	-Inf	92.99	3	Horizontal	0	2.95	-	33.50	5.10	32.15

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

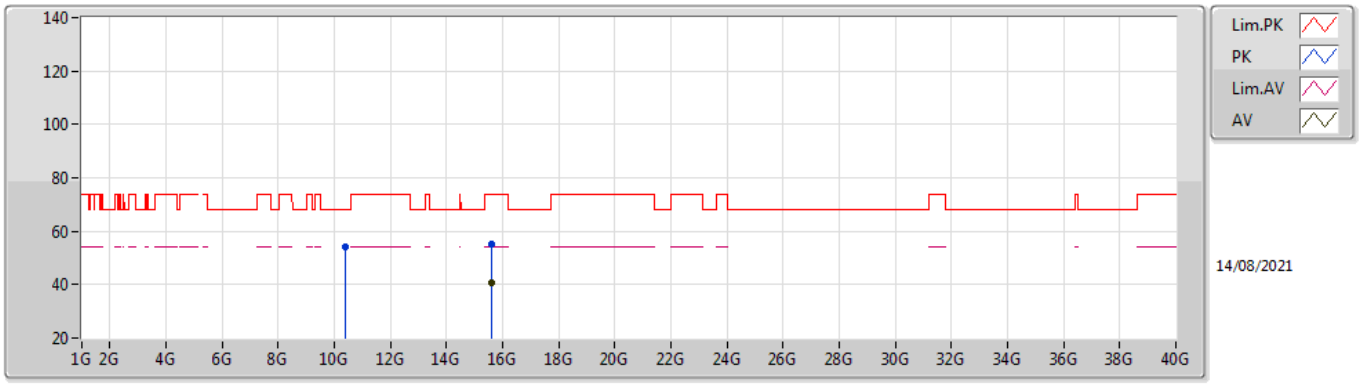


EUT Y_2TX
Setting 22.5
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40544G	51.94	68.20	-16.26	39.29	3	Vertical	42	1.28	-	38.40	7.24	32.99
PK	15.59768G	54.10	74.00	-19.90	40.70	3	Vertical	207	1.79	-	37.61	9.06	33.27
AV	15.59456G	39.97	54.00	-14.03	26.55	3	Vertical	207	1.79	-	37.62	9.06	33.26

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

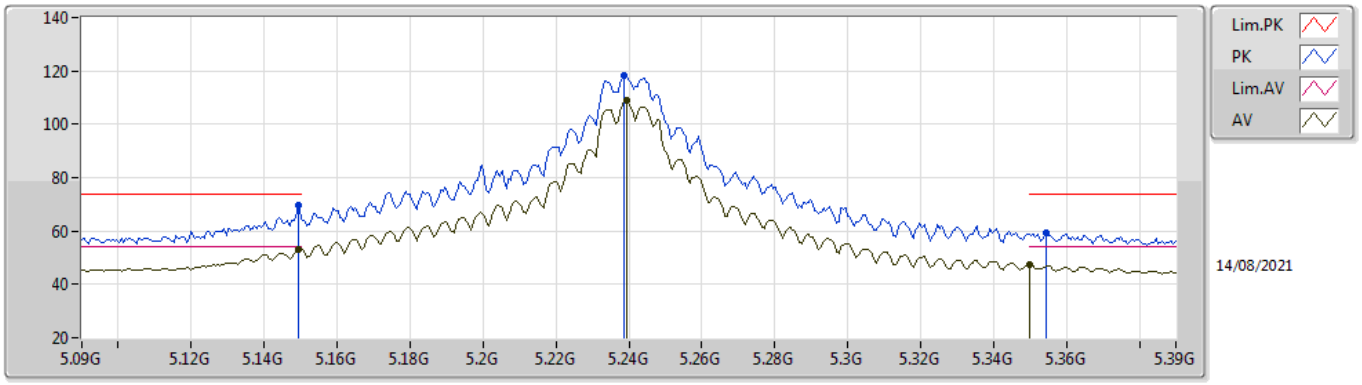


EUT Y_2TX
Setting 22.5
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4G	54.17	68.20	-14.03	41.51	3	Horizontal	256	2.25	-	38.40	7.24	32.98
PK	15.59952G	55.29	74.00	-18.71	41.90	3	Horizontal	104	1.85	-	37.60	9.06	33.27
AV	15.60008G	40.77	54.00	-13.23	27.38	3	Horizontal	104	1.85	-	37.60	9.06	33.27

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

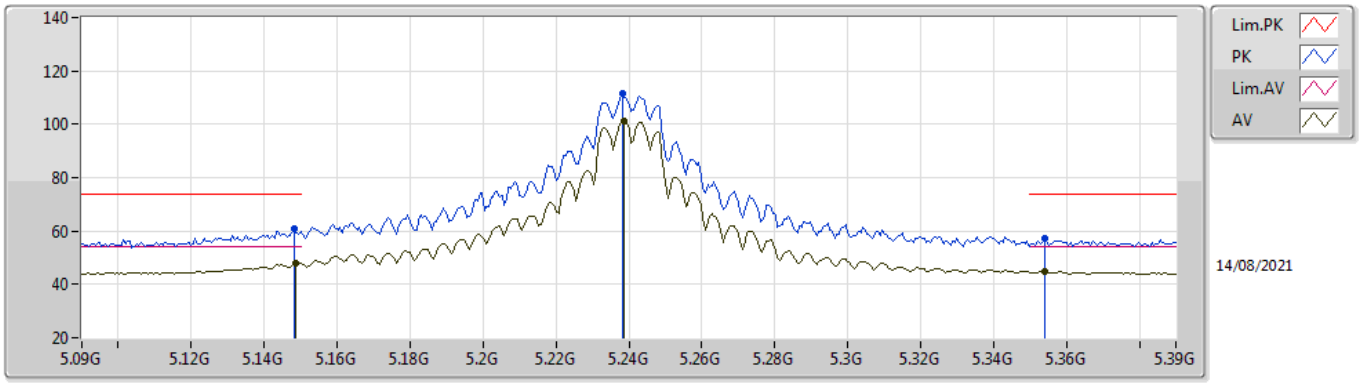


EUT Y_2TX
Setting 25
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	69.70	74.00	-4.30	63.35	3	Vertical	213	1.78	-	33.50	5.00	32.15
AV	5.1494G	52.91	54.00	-1.09	46.56	3	Vertical	213	1.78	-	33.50	5.00	32.15
PK	5.2388G	118.25	Inf	-Inf	111.74	3	Vertical	213	1.78	-	33.58	5.08	32.15
AV	5.2394G	108.72	Inf	-Inf	102.21	3	Vertical	213	1.78	-	33.58	5.08	32.15
PK	5.3546G	59.42	74.00	-14.58	52.83	3	Vertical	213	1.78	-	33.71	5.02	32.14
AV	5.35G	47.61	54.00	-6.39	41.03	3	Vertical	213	1.78	-	33.70	5.02	32.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

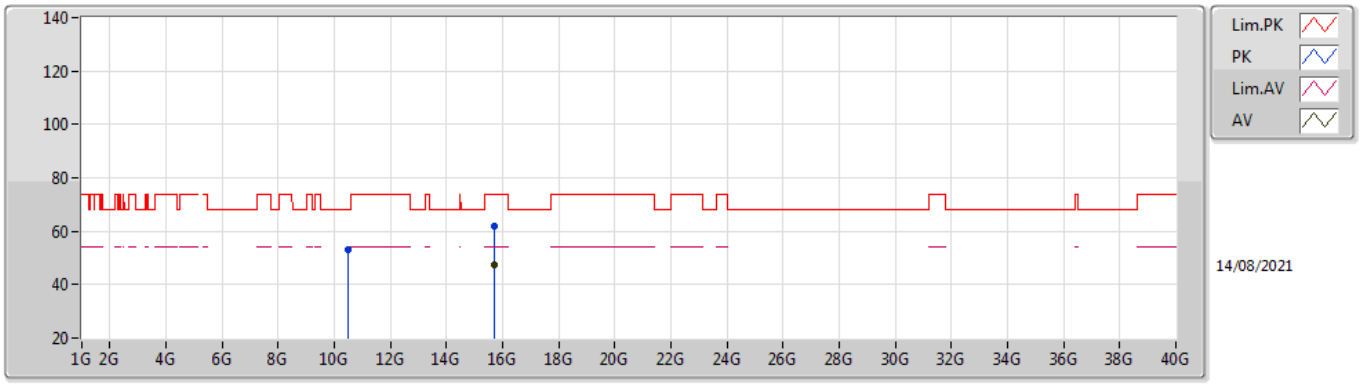


EUT Y_2TX
Setting 25
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	60.80	74.00	-13.20	54.45	3	Horizontal	0	2.64	-	33.50	5.00	32.15
AV	5.1488G	47.83	54.00	-6.17	41.48	3	Horizontal	0	2.64	-	33.50	5.00	32.15
PK	5.2382G	111.55	Inf	-Inf	105.04	3	Horizontal	0	2.64	-	33.58	5.08	32.15
AV	5.2388G	101.24	Inf	-Inf	94.73	3	Horizontal	0	2.64	-	33.58	5.08	32.15
PK	5.354G	57.05	74.00	-16.95	50.46	3	Horizontal	0	2.64	-	33.71	5.02	32.14
AV	5.354G	44.74	54.00	-9.26	38.15	3	Horizontal	0	2.64	-	33.71	5.02	32.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

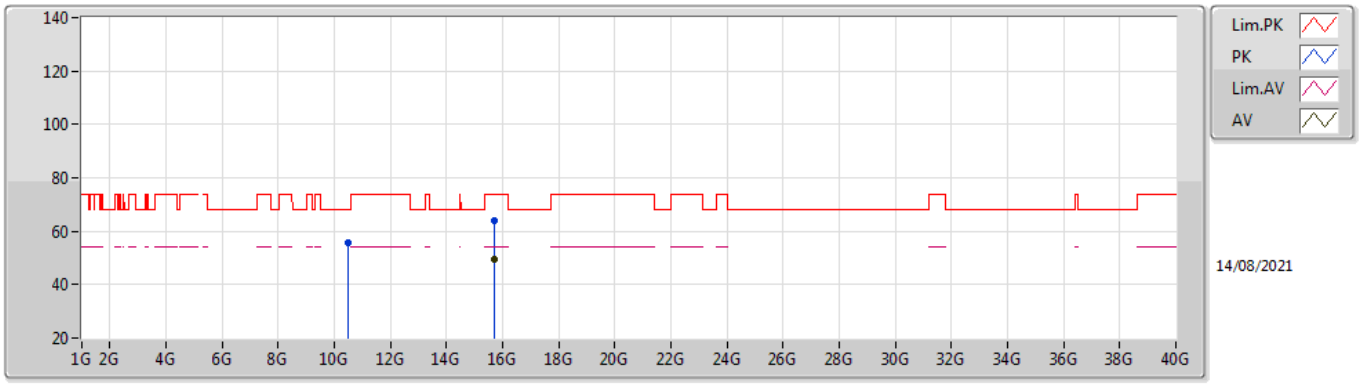


EUT Y_2TX
Setting 25
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48G	53.32	68.20	-14.88	40.69	3	Vertical	225	1.00	-	38.40	7.27	33.04
PK	15.72024G	61.64	74.00	-12.36	48.55	3	Vertical	208	1.67	-	37.40	9.10	33.41
AV	15.72024G	47.27	54.00	-6.73	34.18	3	Vertical	208	1.67	-	37.40	9.10	33.41

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

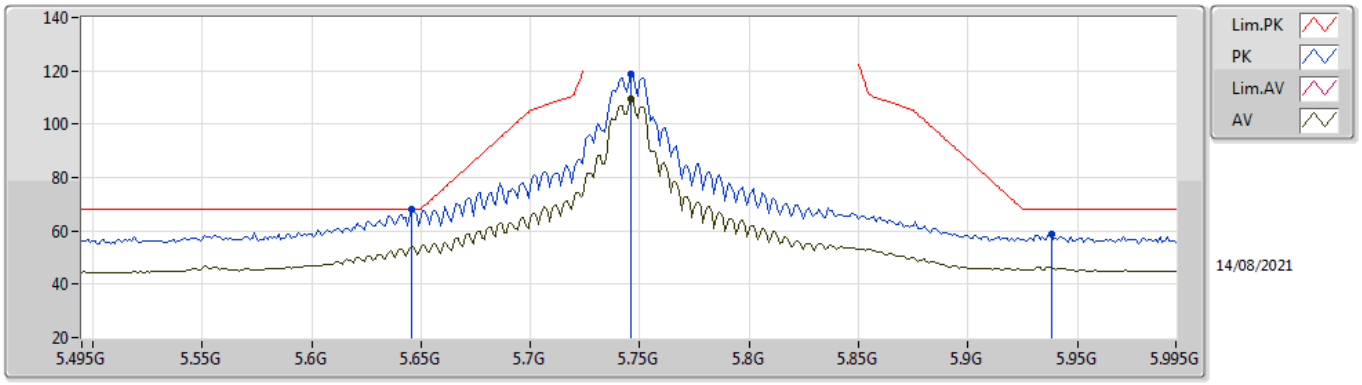


EUT Y_2TX
Setting 25
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48288G	55.49	68.20	-12.71	42.86	3	Horizontal	238	2.98	-	38.40	7.27	33.04
PK	15.71512G	63.77	74.00	-10.23	50.67	3	Horizontal	249	1.85	-	37.40	9.10	33.40
AV	15.72024G	49.51	54.00	-4.49	36.42	3	Horizontal	249	1.85	-	37.40	9.10	33.41

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

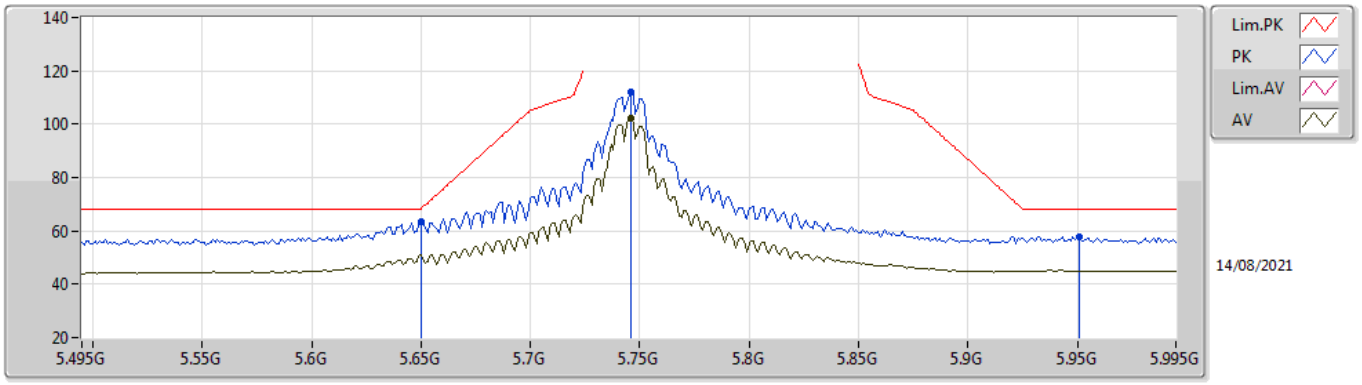


EUT Y_2TX
Setting 25.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	68.13	68.20	-0.07	61.31	3	Vertical	360	2.44	-	33.81	5.15	32.14
PK	5.746G	118.73	Inf	-Inf	112.03	3	Vertical	360	2.44	-	33.79	5.05	32.14
AV	5.746G	109.34	Inf	-Inf	102.64	3	Vertical	360	2.44	-	33.79	5.05	32.14
PK	5.938G	58.79	68.20	-9.41	51.46	3	Vertical	360	2.44	-	34.08	5.41	32.16

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

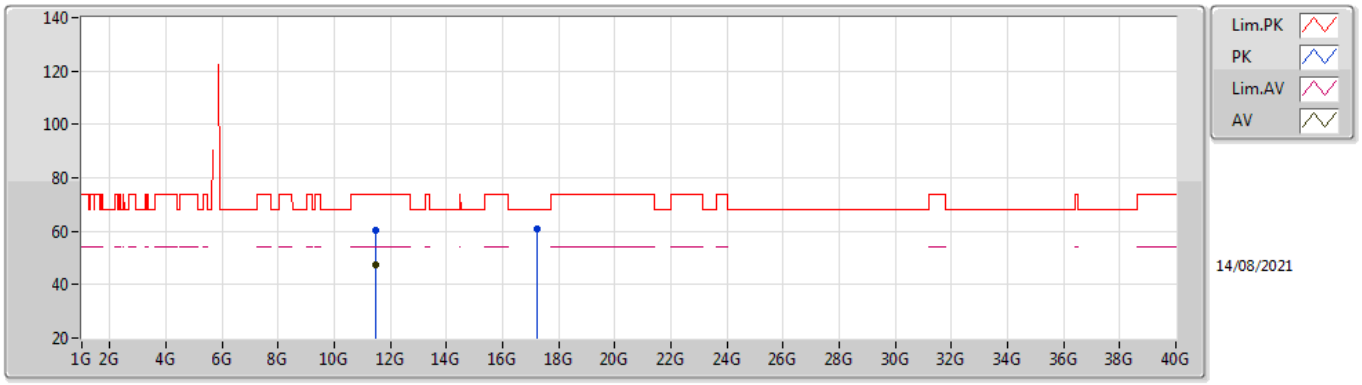


EUT Y_2TX
Setting 25.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	63.55	68.20	-4.65	56.74	3	Horizontal	17	1.00	-	33.80	5.15	32.14
PK	5.746G	111.91	Inf	-Inf	105.21	3	Horizontal	17	1.00	-	33.79	5.05	32.14
AV	5.746G	102.35	Inf	-Inf	95.65	3	Horizontal	17	1.00	-	33.79	5.05	32.14
PK	5.951G	57.97	68.20	-10.23	50.58	3	Horizontal	17	1.00	-	34.10	5.45	32.16

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

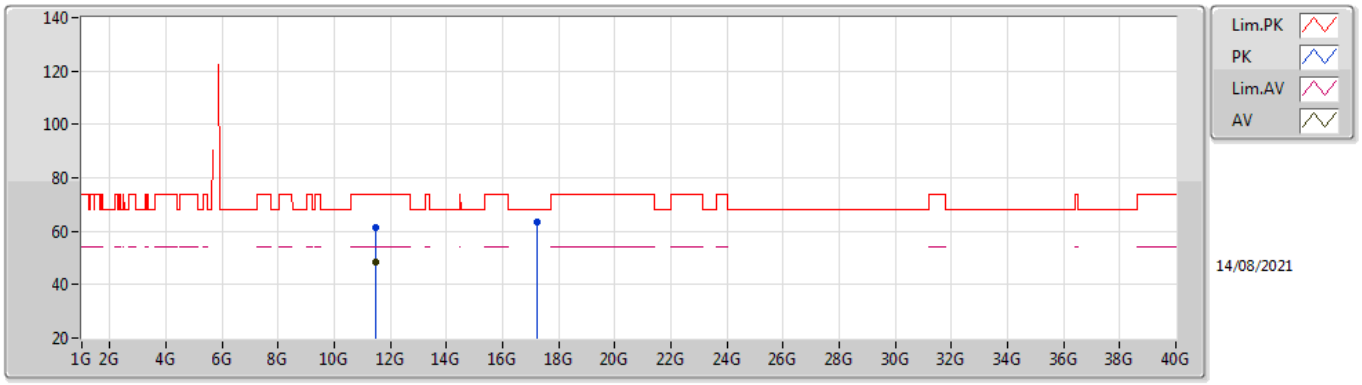


EUT Y_2TX
Setting 25.5
02-B-K-5

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	11.49832G	60.33	74.00	-13.67	46.93	3	Vertical	217	1.91	-	39.00	7.62	33.22
AV	11.49304G	47.55	54.00	-6.45	34.16	3	Vertical	217	1.91	-	38.99	7.62	33.22
PK	17.2298G	61.12	68.20	-7.08	42.99	3	Vertical	218	2.31	-	42.09	9.32	33.28

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

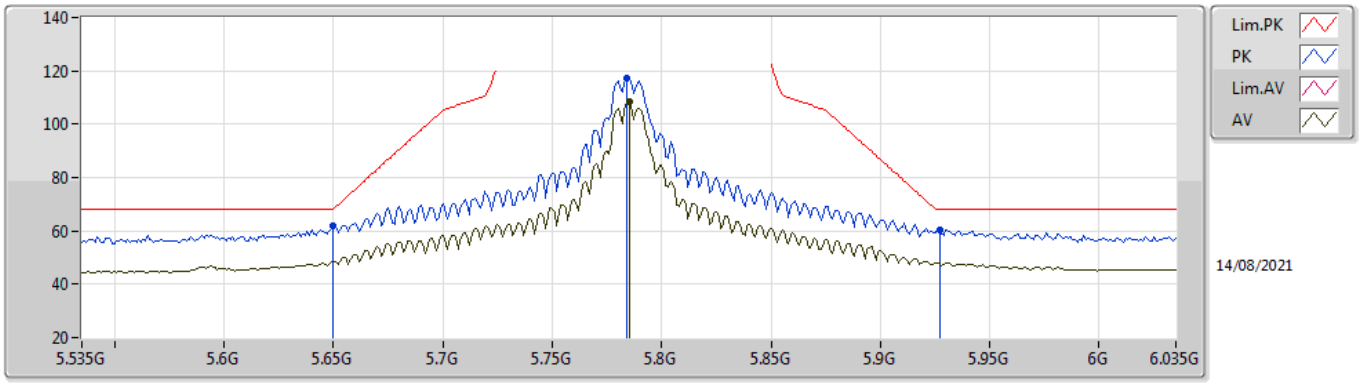


EUT Y_2TX
Setting 25.5
02-B-K-5

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	11.49272G	61.32	74.00	-12.68	47.93	3	Horizontal	216	1.90	-	38.99	7.62	33.22
AV	11.4924G	48.52	54.00	-5.48	35.14	3	Horizontal	216	1.90	-	38.98	7.62	33.22
PK	17.22972G	63.51	68.20	-4.69	45.38	3	Horizontal	0	2.55	-	42.09	9.32	33.28

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

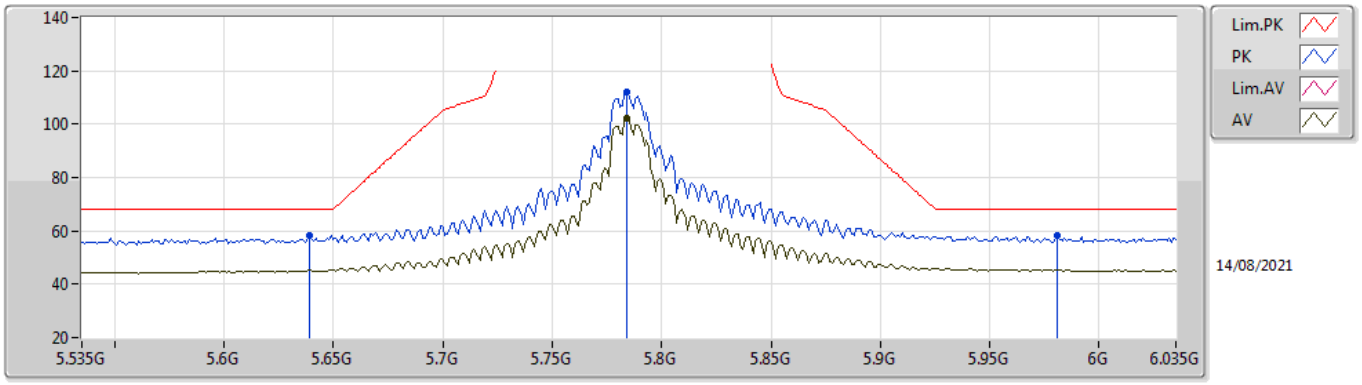


EUT Y_2TX
Setting 26
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	61.75	68.20	-6.45	54.94	3	Vertical	178	1.63	-	33.80	5.15	32.14
PK	5.784G	117.45	Inf	-Inf	110.85	3	Vertical	178	1.63	-	33.73	5.02	32.15
AV	5.785G	108.37	Inf	-Inf	101.78	3	Vertical	178	1.63	-	33.73	5.01	32.15
PK	5.927G	60.51	68.20	-7.69	53.24	3	Vertical	178	1.63	-	34.05	5.38	32.16

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

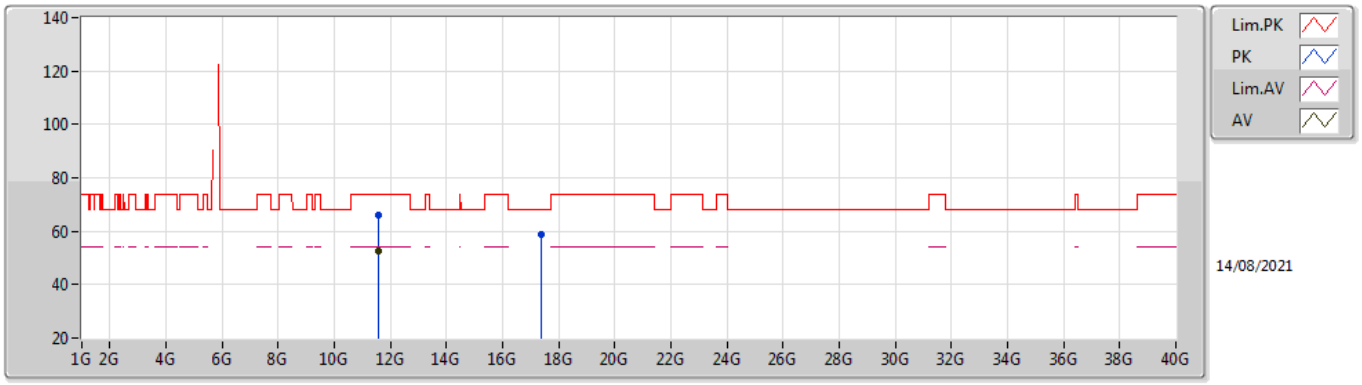


EUT Y_2TX
Setting 26
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.639G	58.34	68.20	-9.86	51.50	3	Horizontal	14	2.56	-	33.82	5.16	32.14
PK	5.784G	112.11	Inf	-Inf	105.51	3	Horizontal	14	2.56	-	33.73	5.02	32.15
AV	5.784G	102.44	Inf	-Inf	95.84	3	Horizontal	14	2.56	-	33.73	5.02	32.15
PK	5.981G	58.02	68.20	-10.18	50.54	3	Horizontal	14	2.56	-	34.10	5.54	32.16

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

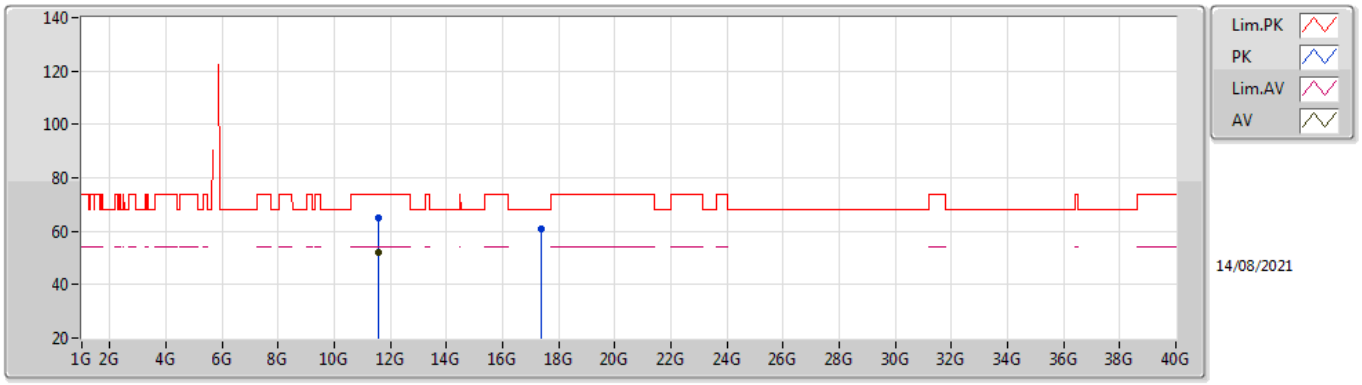


EUT Y_2TX
Setting 26
02-B-K-5

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	11.57296G	65.94	74.00	-8.06	52.31	3	Vertical	218	1.90	-	39.22	7.65	33.24
AV	11.57304G	52.67	54.00	-1.33	39.04	3	Vertical	218	1.90	-	39.22	7.65	33.24
PK	17.36332G	58.87	68.20	-9.33	39.85	3	Vertical	272	2.17	-	42.81	9.34	33.13

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

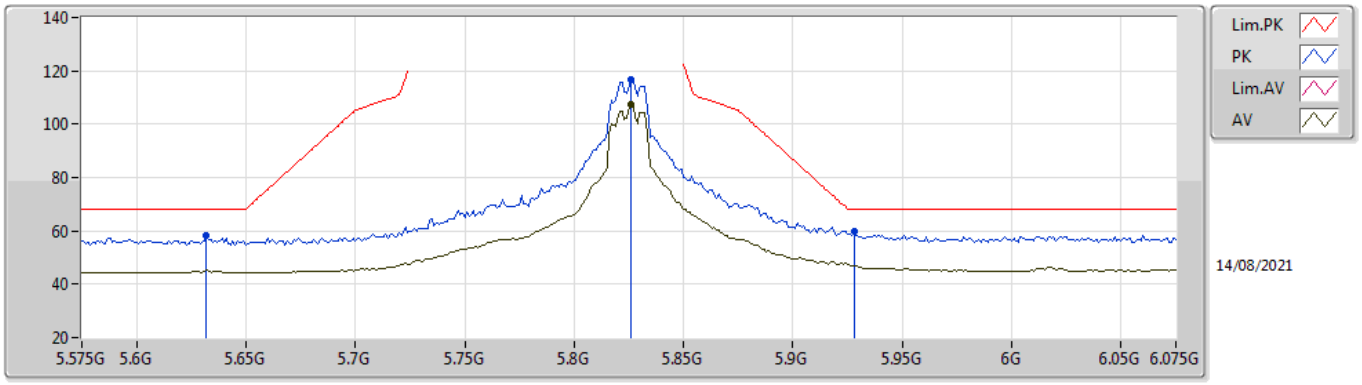


EUT Y_2TX
Setting 26
02-B-K-5

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	11.572G	65.14	74.00	-8.86	51.51	3	Horizontal	225	1.83	-	39.22	7.65	33.24
AV	11.57192G	52.28	54.00	-1.72	38.65	3	Horizontal	225	1.83	-	39.22	7.65	33.24
PK	17.35708G	60.89	68.20	-7.31	41.92	3	Horizontal	0	1.98	-	42.76	9.34	33.13

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

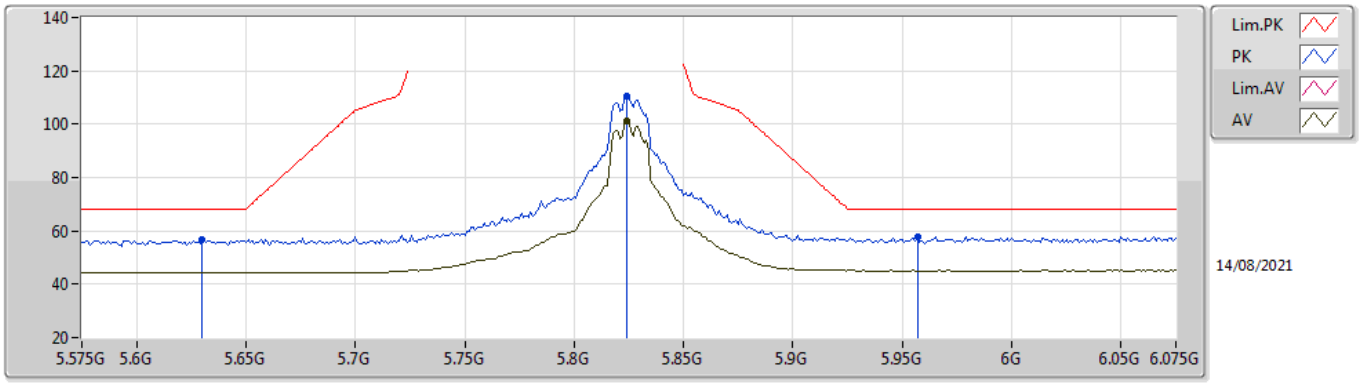


EUT Y_2TX
Setting 23.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.632G	58.16	68.20	-10.04	51.29	3	Vertical	0	2.19	-	33.84	5.17	32.14
PK	5.826G	116.90	Inf	-Inf	110.22	3	Vertical	0	2.19	-	33.75	5.08	32.15
AV	5.826G	107.26	Inf	-Inf	100.58	3	Vertical	0	2.19	-	33.75	5.08	32.15
PK	5.928G	59.67	68.20	-8.53	52.39	3	Vertical	0	2.19	-	34.06	5.38	32.16

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

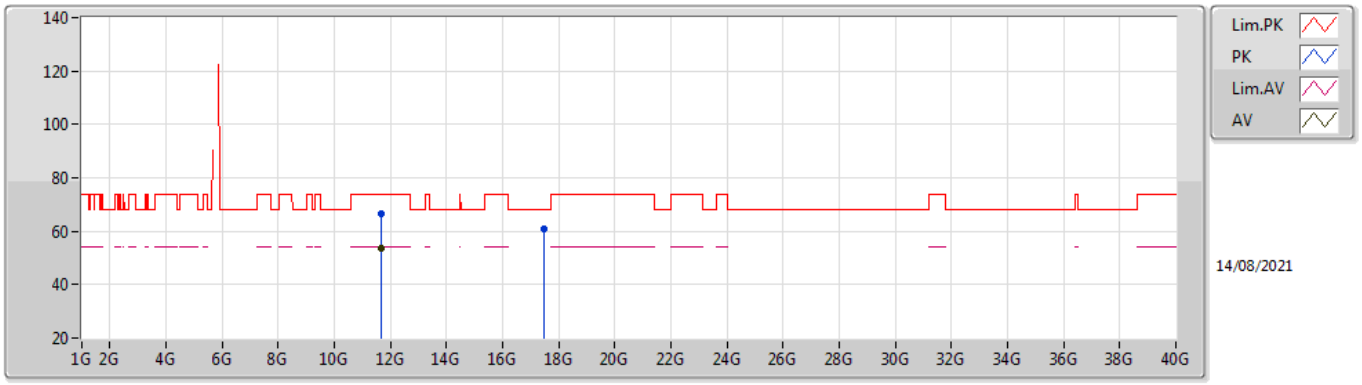


EUT Y_2TX
Setting 23.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.63G	56.68	68.20	-11.52	49.81	3	Horizontal	13	2.56	-	33.84	5.17	32.14
PK	5.824G	110.62	Inf	-Inf	103.95	3	Horizontal	13	2.56	-	33.75	5.07	32.15
AV	5.824G	101.21	Inf	-Inf	94.54	3	Horizontal	13	2.56	-	33.75	5.07	32.15
PK	5.957G	57.82	68.20	-10.38	50.41	3	Horizontal	13	2.56	-	34.10	5.47	32.16

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

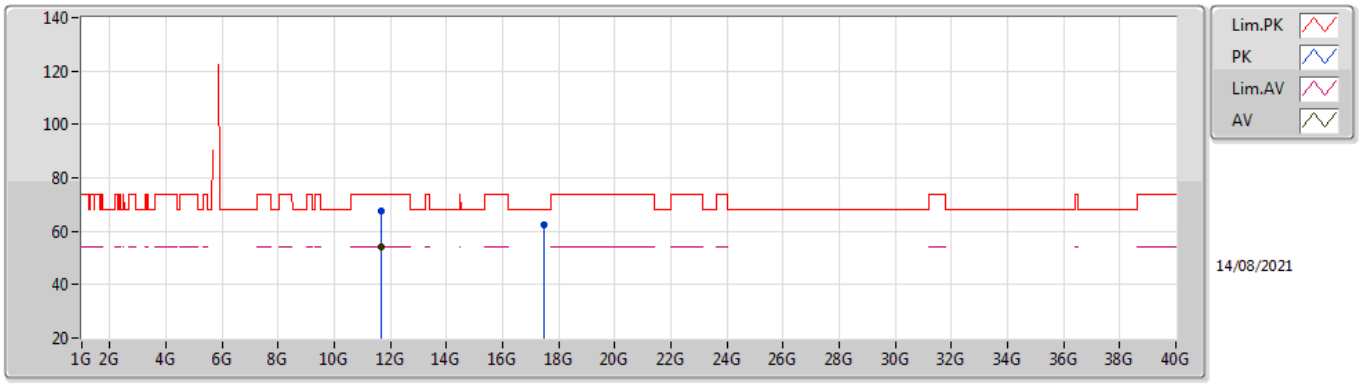


EUT Y_2TX
Setting 23.5
02-B-K-5

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	11.65288G	66.52	74.00	-7.48	52.75	3	Vertical	219	1.93	-	39.35	7.68	33.26
AV	11.64792G	53.58	54.00	-0.42	39.81	3	Vertical	219	1.93	-	39.35	7.68	33.26
PK	17.47444G	61.04	68.20	-7.16	41.07	3	Vertical	220	2.26	-	43.62	9.35	33.00

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

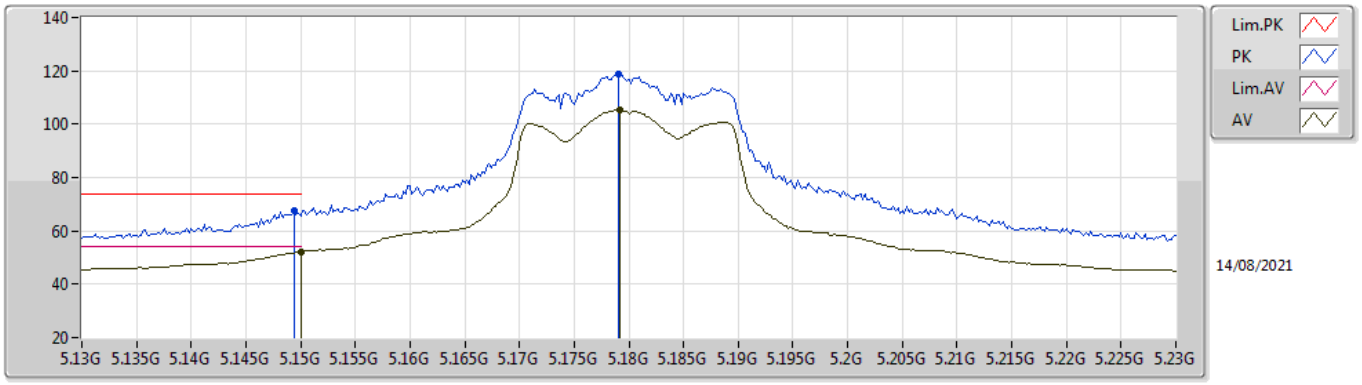


EUT Y_2TX
Setting 23.5
02-B-K-5

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	11.65064G	67.84	74.00	-6.16	54.07	3	Horizontal	262	2.24	-	39.35	7.68	33.26
AV	11.65016G	53.95	54.00	-0.05	40.18	3	Horizontal	262	2.24	-	39.35	7.68	33.26
PK	17.47676G	62.30	68.20	-5.90	42.31	3	Horizontal	360	1.87	-	43.64	9.35	33.00

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

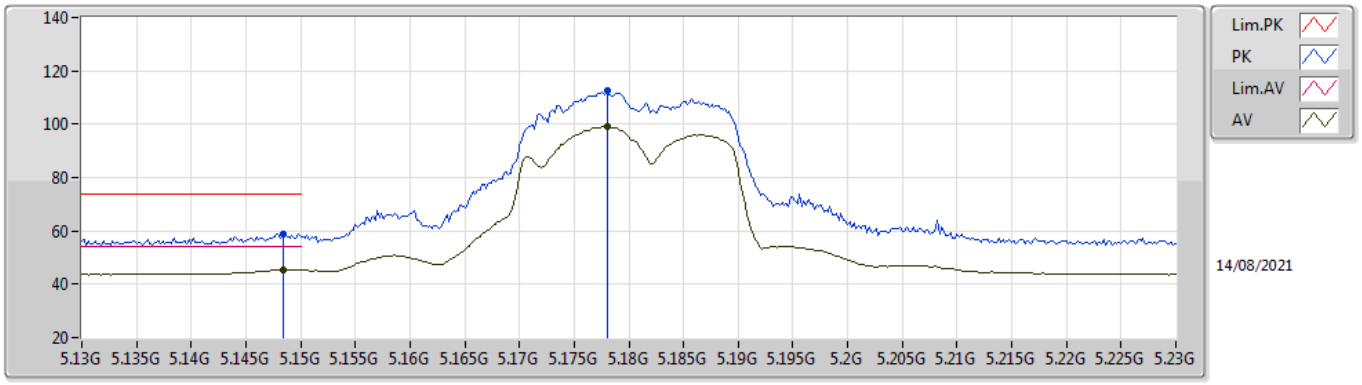


EUT Y_2TX
Setting 22.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	67.53	74.00	-6.47	61.18	3	Vertical	209	1.80	-	33.50	5.00	32.15
AV	5.15G	52.10	54.00	-1.90	45.75	3	Vertical	209	1.80	-	33.50	5.00	32.15
PK	5.179G	118.78	Inf	-Inf	112.37	3	Vertical	209	1.80	-	33.50	5.06	32.15
AV	5.1792G	105.45	Inf	-Inf	99.04	3	Vertical	209	1.80	-	33.50	5.06	32.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

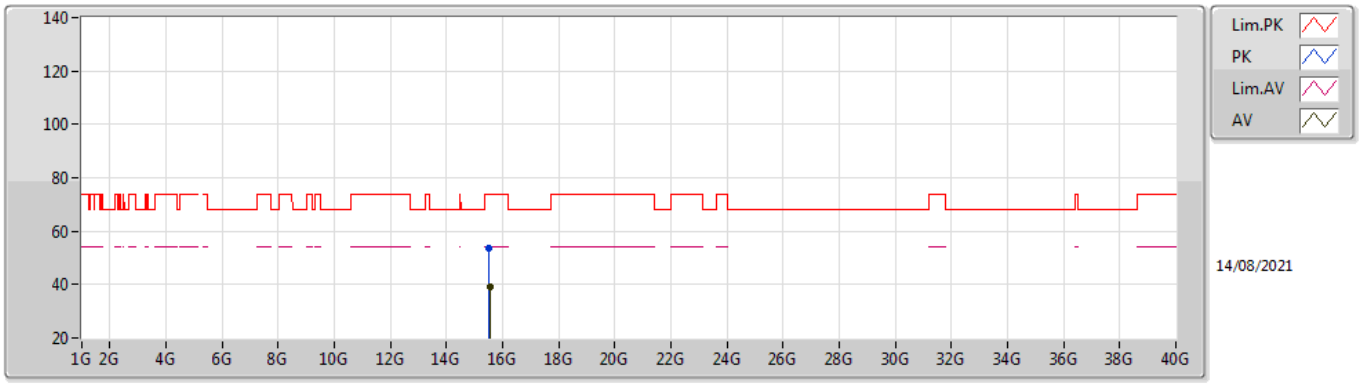


EUT Y_2TX
Setting 22.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	58.89	74.00	-15.11	52.54	3	Horizontal	5	2.83	-	33.50	5.00	32.15
AV	5.1484G	45.43	54.00	-8.57	39.08	3	Horizontal	5	2.83	-	33.50	5.00	32.15
PK	5.178G	112.35	Inf	-Inf	105.94	3	Horizontal	5	2.83	-	33.50	5.06	32.15
AV	5.178G	98.93	Inf	-Inf	92.52	3	Horizontal	5	2.83	-	33.50	5.06	32.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

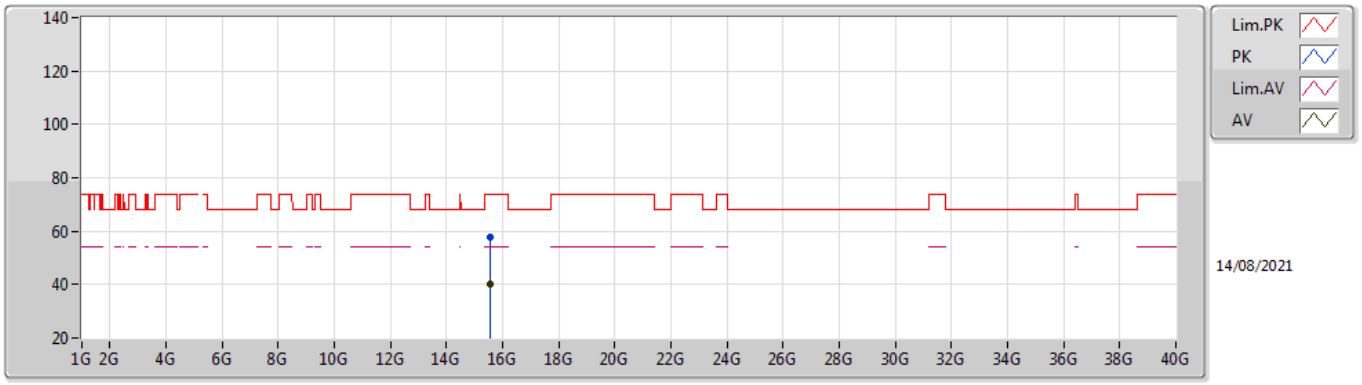


EUT Y_2TX
Setting 22.5
02-B-K-5

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	15.5317G	53.56	74.00	-20.44	39.91	3	Vertical	204	1.80	-	37.80	9.04	33.19
AV	15.5391G	39.14	54.00	-14.86	25.52	3	Vertical	204	1.80	-	37.78	9.04	33.20

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

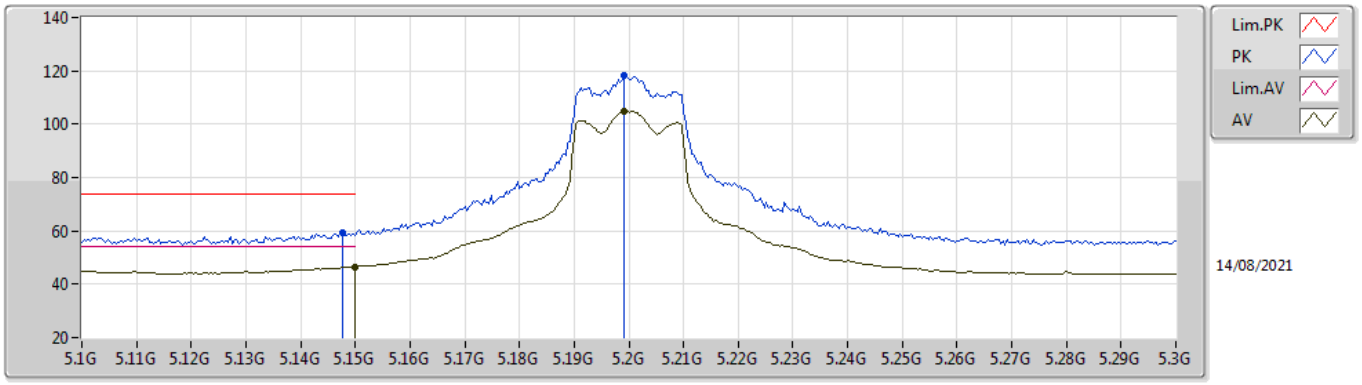


EUT Y_2TX
Setting 22.5
02-B-K-5

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	15.5388G	57.96	74.00	-16.04	44.34	3	Horizontal	102	1.91	-	37.78	9.04	33.20
AV	15.5407G	40.32	54.00	-13.68	26.70	3	Horizontal	102	1.91	-	37.78	9.04	33.20

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

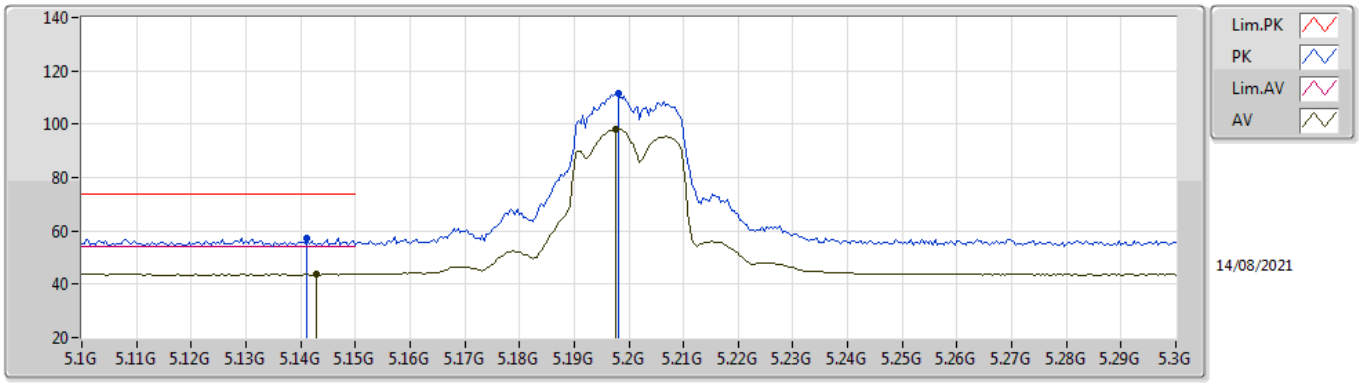


EUT Y_2TX
Setting 22.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	59.34	74.00	-14.66	52.99	3	Vertical	208	2.15	-	33.50	5.00	32.15
AV	5.15G	46.49	54.00	-7.51	40.14	3	Vertical	208	2.15	-	33.50	5.00	32.15
PK	5.1992G	118.27	Inf	-Inf	111.82	3	Vertical	208	2.15	-	33.50	5.10	32.15
AV	5.1992G	104.98	Inf	-Inf	98.53	3	Vertical	208	2.15	-	33.50	5.10	32.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

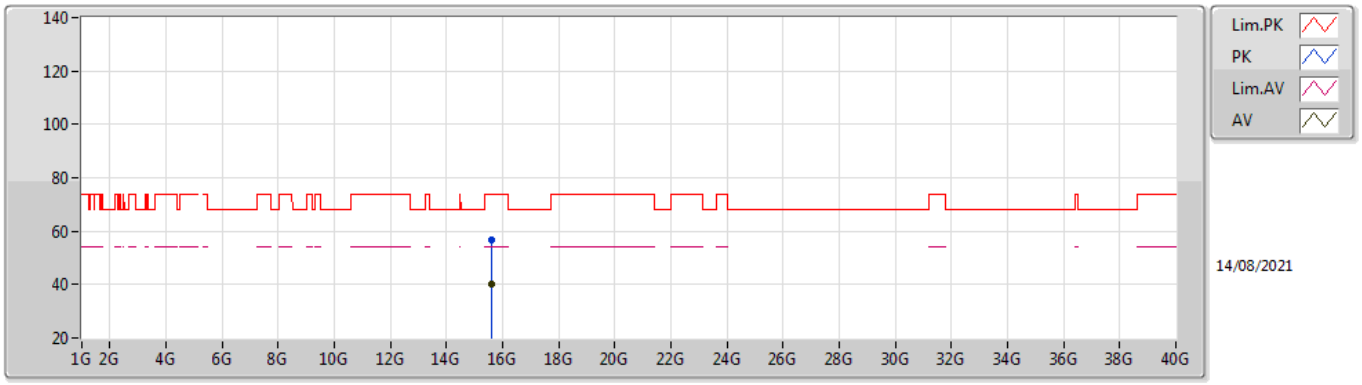


EUT Y_2TX
Setting 22.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1412G	57.30	74.00	-16.70	50.97	3	Horizontal	6	2.95	-	33.50	4.98	32.15
AV	5.1428G	43.77	54.00	-10.23	37.43	3	Horizontal	6	2.95	-	33.50	4.99	32.15
PK	5.198G	111.78	Inf	-Inf	105.33	3	Horizontal	6	2.95	-	33.50	5.10	32.15
AV	5.1976G	98.16	Inf	-Inf	91.71	3	Horizontal	6	2.95	-	33.50	5.10	32.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

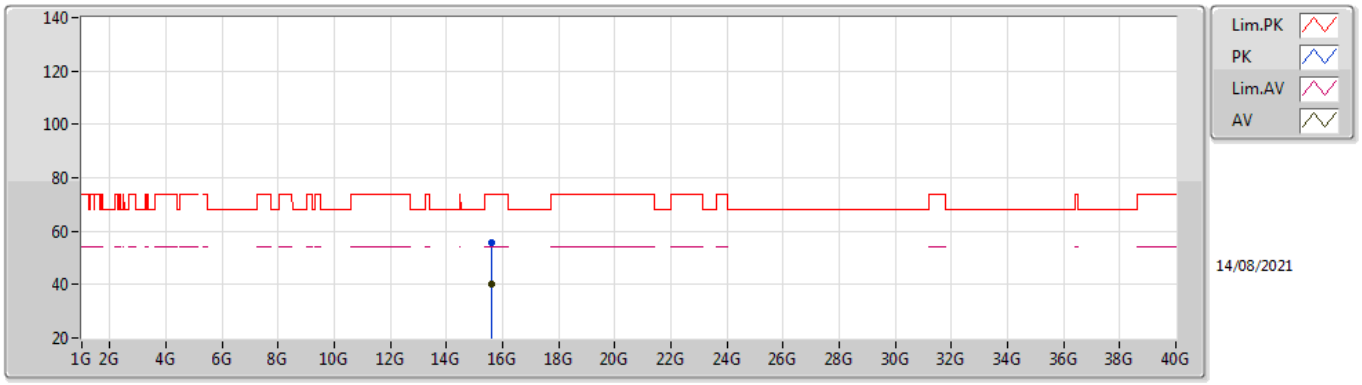


EUT Y_2TX
Setting 22.5
02-B-K-5

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	15.6101G	56.74	74.00	-17.26	43.38	3	Vertical	115	3.00	-	37.58	9.06	33.28
AV	15.5997G	40.23	54.00	-13.77	26.84	3	Vertical	115	3.00	-	37.60	9.06	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

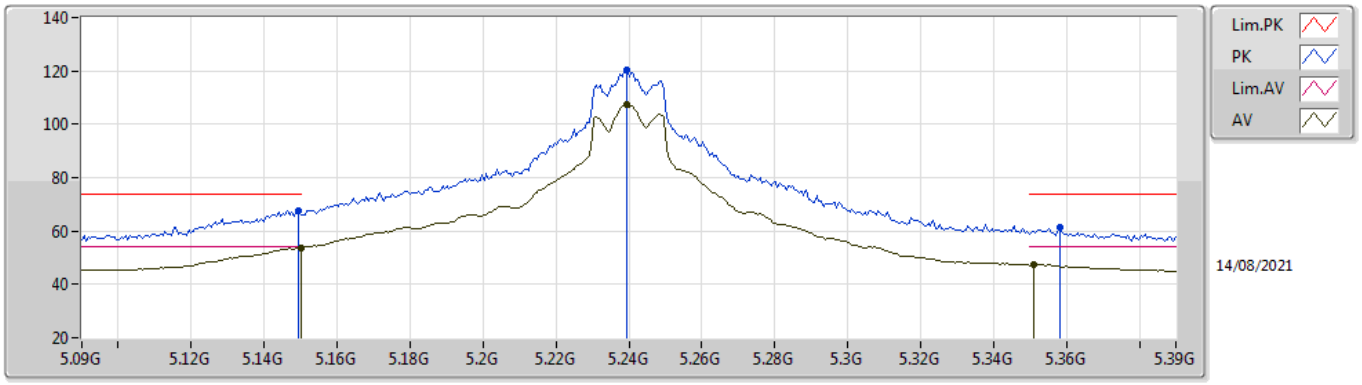


EUT Y_2TX
Setting 22.5
02-B-K-5

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	15.5997G	55.91	74.00	-18.09	42.52	3	Horizontal	251	1.78	-	37.60	9.06	33.27
AV	15.601G	40.02	54.00	-13.98	26.63	3	Horizontal	251	1.78	-	37.60	9.06	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

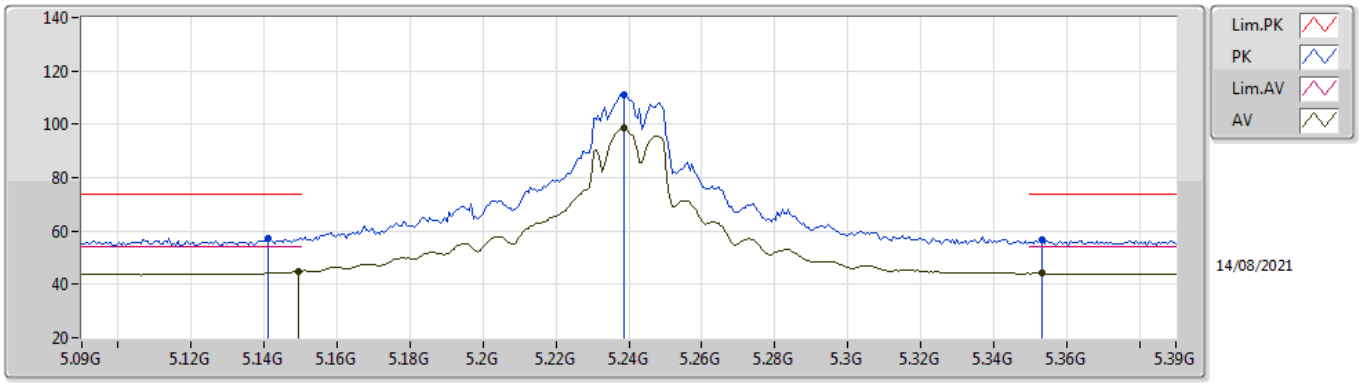


EUT Y_2TX
Setting 24
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	67.72	74.00	-6.28	61.37	3	Vertical	209	1.78	-	33.50	5.00	32.15
AV	5.15G	53.84	54.00	-0.16	47.49	3	Vertical	209	1.78	-	33.50	5.00	32.15
PK	5.2394G	120.55	Inf	-Inf	114.04	3	Vertical	209	1.78	-	33.58	5.08	32.15
AV	5.2394G	107.34	Inf	-Inf	100.83	3	Vertical	209	1.78	-	33.58	5.08	32.15
PK	5.3582G	61.31	74.00	-12.69	54.71	3	Vertical	209	1.78	-	33.72	5.02	32.14
AV	5.351G	47.37	54.00	-6.63	40.79	3	Vertical	209	1.78	-	33.70	5.02	32.14

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

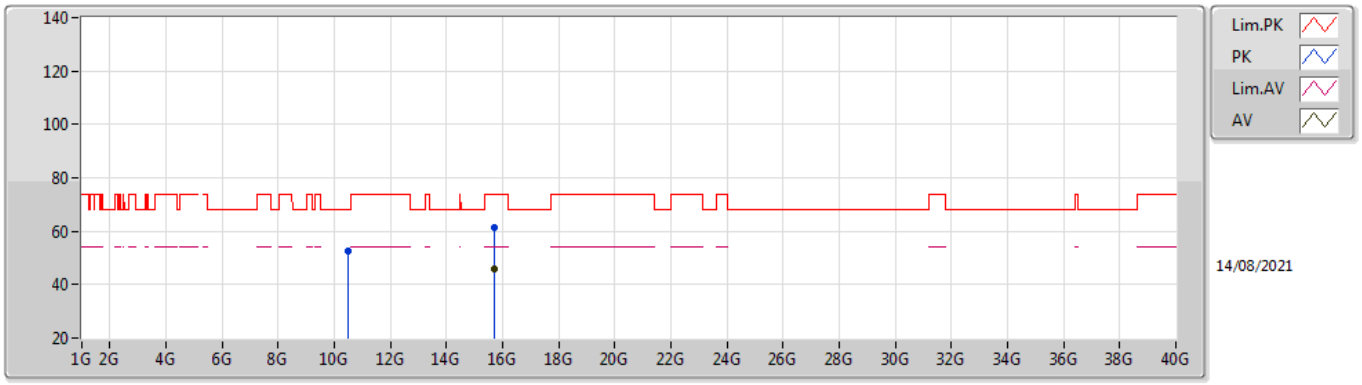


EUT Y_2TX
Setting 24
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.141G	57.18	74.00	-16.82	50.85	3	Horizontal	1	1.22	-	33.50	4.98	32.15
AV	5.1494G	44.93	54.00	-9.07	38.58	3	Horizontal	1	1.22	-	33.50	5.00	32.15
PK	5.2388G	110.86	Inf	-Inf	104.35	3	Horizontal	1	1.22	-	33.58	5.08	32.15
AV	5.2388G	98.51	Inf	-Inf	92.00	3	Horizontal	1	1.22	-	33.58	5.08	32.15
PK	5.3534G	56.49	74.00	-17.51	49.90	3	Horizontal	1	1.22	-	33.71	5.02	32.14
AV	5.3534G	44.22	54.00	-9.78	37.63	3	Horizontal	1	1.22	-	33.71	5.02	32.14

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

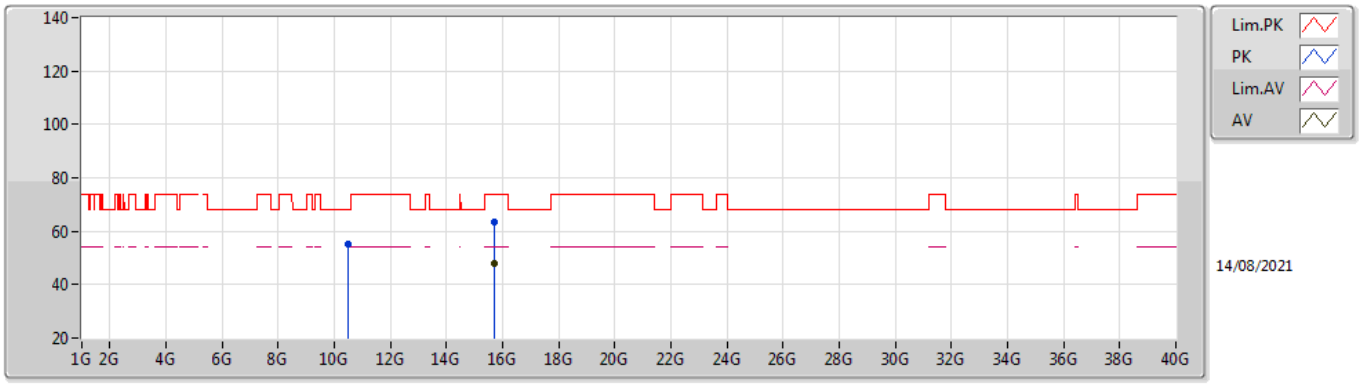


EUT Y_2TX
Setting 24
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4799G	52.63	68.20	-15.57	40.00	3	Vertical	233	1.00	-	38.40	7.27	33.04
PK	15.7189G	61.13	74.00	-12.87	48.04	3	Vertical	207	1.80	-	37.40	9.10	33.41
AV	15.7198G	45.86	54.00	-8.14	32.77	3	Vertical	207	1.80	-	37.40	9.10	33.41

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

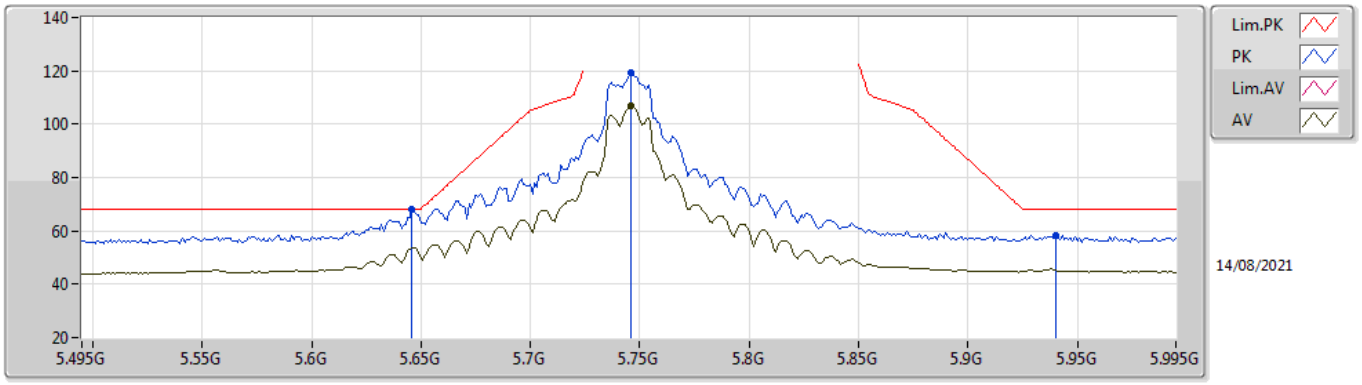


EUT Y_2TX
Setting 24
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48G	54.98	68.20	-13.22	42.35	3	Horizontal	236	2.98	-	38.40	7.27	33.04
PK	15.7206G	63.35	74.00	-10.65	50.26	3	Horizontal	250	1.84	-	37.40	9.10	33.41
AV	15.7203G	47.69	54.00	-6.31	34.60	3	Horizontal	250	1.84	-	37.40	9.10	33.41

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

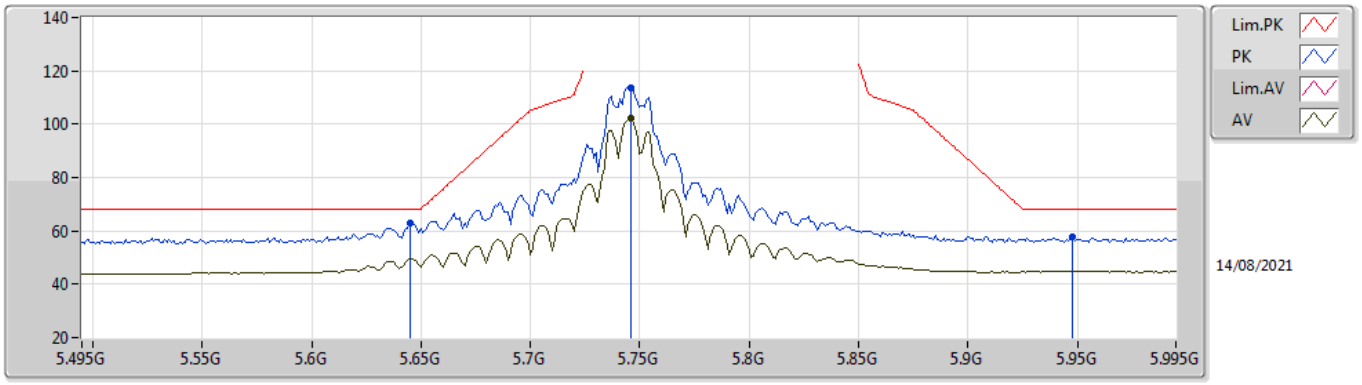


EUT Y_2TX
Setting 25.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	68.01	68.20	-0.19	61.19	3	Vertical	206	1.39	-	33.81	5.15	32.14
PK	5.746G	119.12	Inf	-Inf	112.42	3	Vertical	206	1.39	-	33.79	5.05	32.14
AV	5.746G	107.08	Inf	-Inf	100.38	3	Vertical	206	1.39	-	33.79	5.05	32.14
PK	5.94G	58.42	68.20	-9.78	51.08	3	Vertical	206	1.39	-	34.08	5.42	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

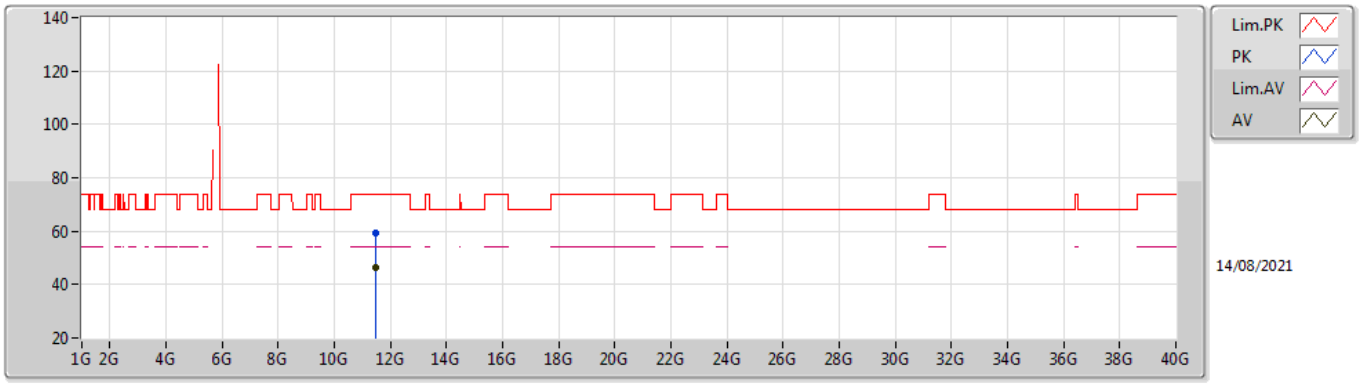


EUT Y_2TX
Setting 25.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	62.88	68.20	-5.32	56.05	3	Horizontal	14	1.14	-	33.81	5.16	32.14
PK	5.746G	113.62	Inf	-Inf	106.92	3	Horizontal	14	1.14	-	33.79	5.05	32.14
AV	5.746G	102.00	Inf	-Inf	95.30	3	Horizontal	14	1.14	-	33.79	5.05	32.14
PK	5.948G	58.00	68.20	-10.20	50.62	3	Horizontal	14	1.14	-	34.10	5.44	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

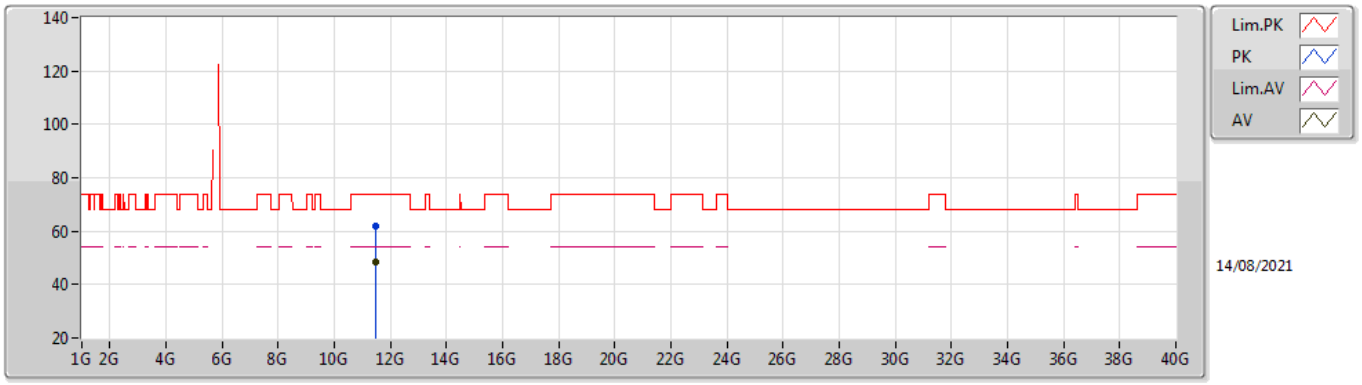


EUT Y_2TX
Setting 25.5
02-B-K-5

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	11.4963G	59.54	74.00	-14.46	46.15	3	Vertical	216	1.96	-	38.99	7.62	33.22
AV	11.496G	46.35	54.00	-7.65	32.96	3	Vertical	216	1.96	-	38.99	7.62	33.22

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

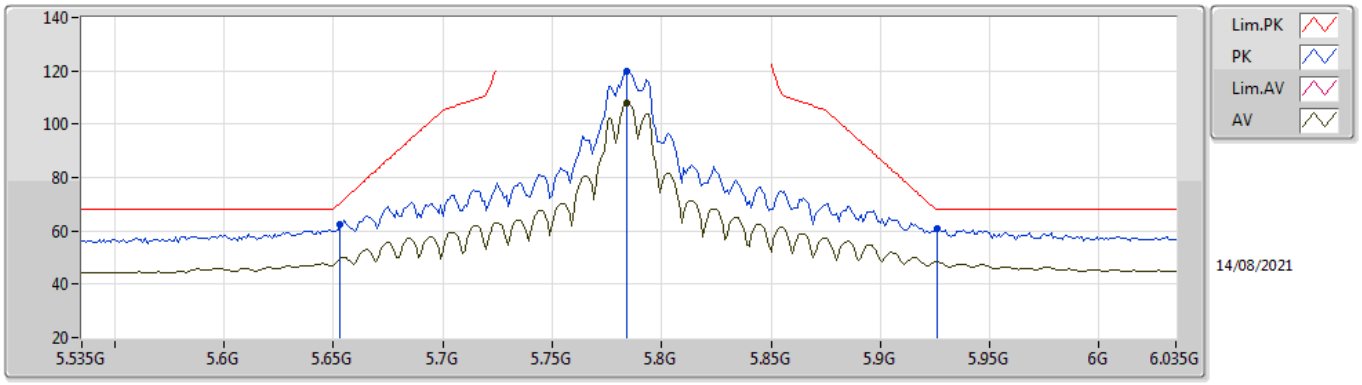


EUT Y_2TX
Setting 25.5
02-B-K-5

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	11.4946G	61.84	74.00	-12.16	48.45	3	Horizontal	244	2.12	-	38.99	7.62	33.22
AV	11.4938G	48.48	54.00	-5.52	35.09	3	Horizontal	244	2.12	-	38.99	7.62	33.22

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

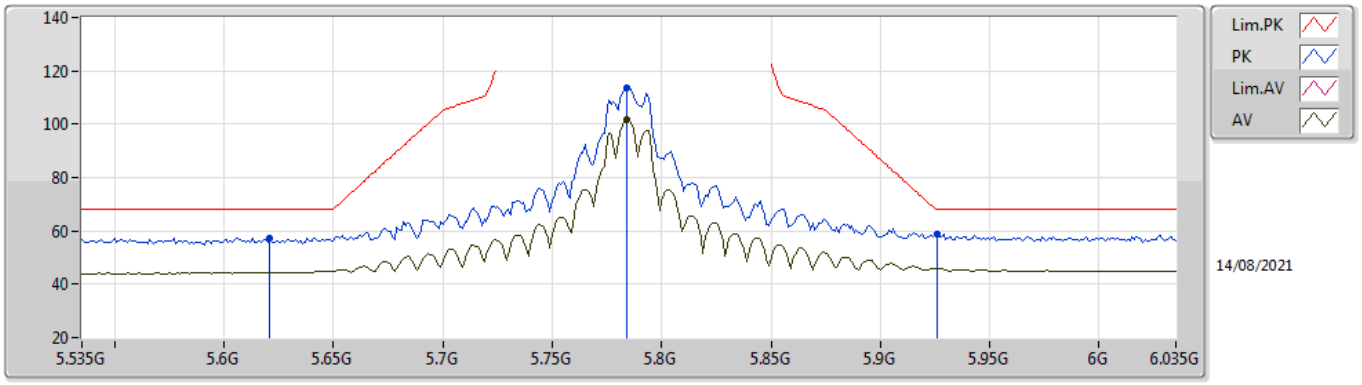


EUT Y_2TX
Setting 26
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.653G	62.65	70.42	-7.77	55.85	3	Vertical	179	1.63	-	33.79	5.15	32.14
PK	5.784G	119.90	Inf	-Inf	113.30	3	Vertical	179	1.63	-	33.73	5.02	32.15
AV	5.784G	107.80	Inf	-Inf	101.20	3	Vertical	179	1.63	-	33.73	5.02	32.15
PK	5.926G	60.72	68.20	-7.48	53.45	3	Vertical	179	1.63	-	34.05	5.38	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

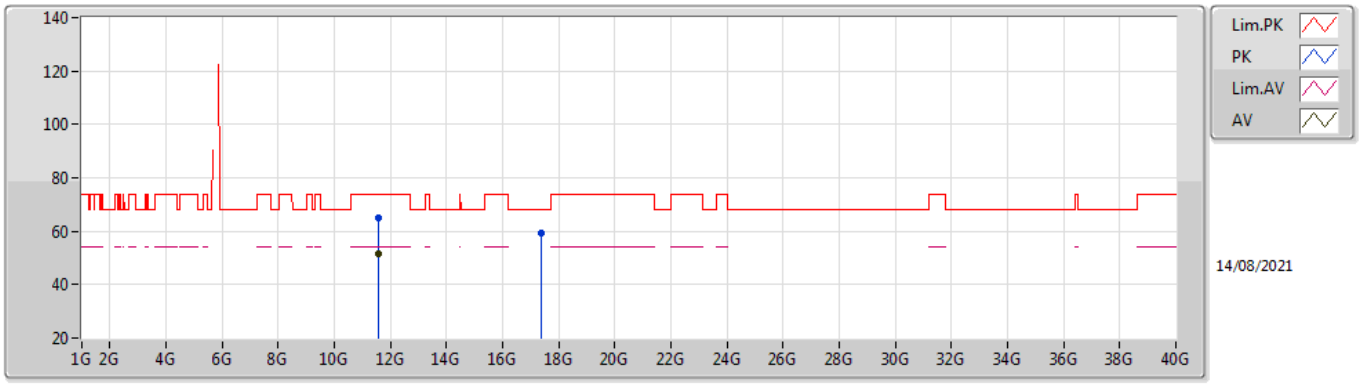


EUT Y_2TX
Setting 26
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.621G	57.22	68.20	-10.98	50.32	3	Horizontal	15	2.32	-	33.86	5.18	32.14
PK	5.784G	113.67	Inf	-Inf	107.07	3	Horizontal	15	2.32	-	33.73	5.02	32.15
AV	5.784G	101.81	Inf	-Inf	95.21	3	Horizontal	15	2.32	-	33.73	5.02	32.15
PK	5.926G	58.80	68.20	-9.40	51.53	3	Horizontal	15	2.32	-	34.05	5.38	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

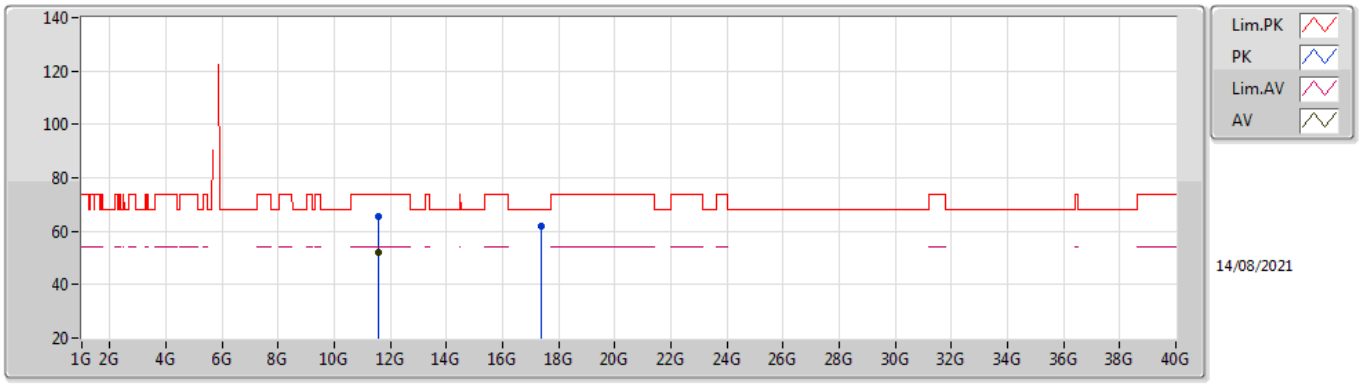


EUT Y_2TX
Setting 26
02-B-K-5

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	11.5765G	65.24	74.00	-8.76	51.60	3	Vertical	218	1.90	-	39.23	7.65	33.24
AV	11.576G	51.47	54.00	-2.53	37.83	3	Vertical	218	1.90	-	39.23	7.65	33.24
PK	17.3741G	59.51	68.20	-8.69	40.39	3	Vertical	338	2.64	-	42.89	9.34	33.11

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

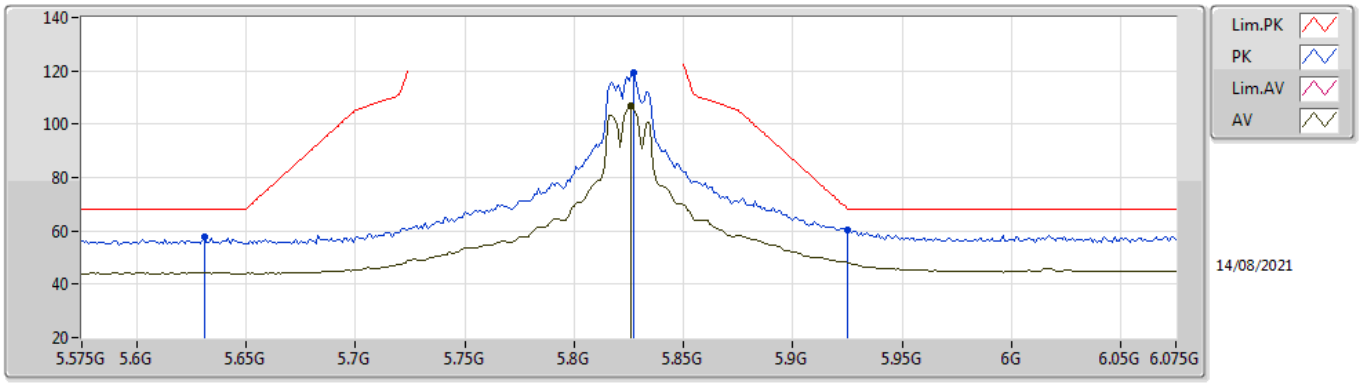


EUT Y_2TX
Setting 26
02-B-K-5

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	11.5738G	65.28	74.00	-8.72	51.65	3	Horizontal	245	1.77	-	39.22	7.65	33.24
AV	11.5728G	52.10	54.00	-1.90	38.47	3	Horizontal	245	1.77	-	39.22	7.65	33.24
PK	17.3596G	61.68	68.20	-6.52	42.69	3	Horizontal	360	1.97	-	42.78	9.34	33.13

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

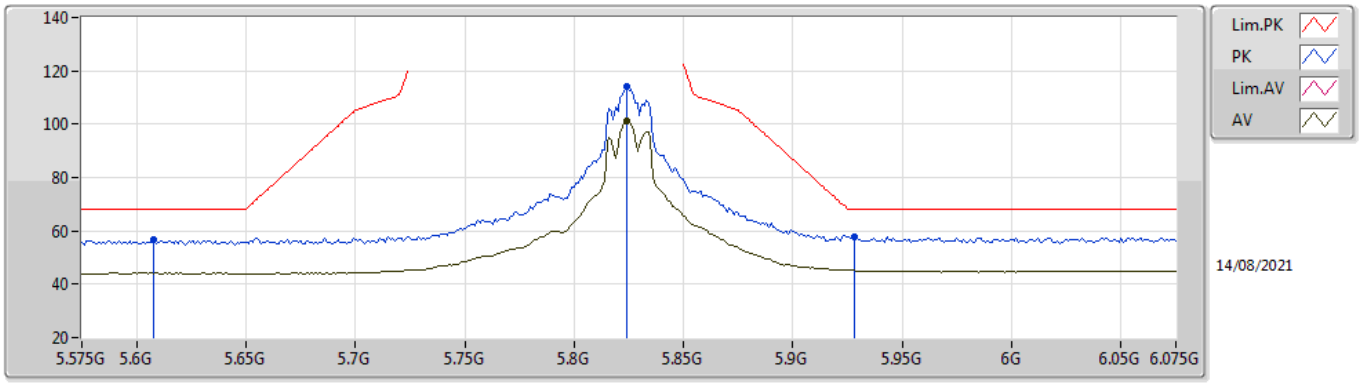


EUT Y_2TX
Setting 24
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.631G	57.89	68.20	-10.31	51.02	3	Vertical	32	2.20	-	33.84	5.17	32.14
PK	5.827G	119.47	Inf	-Inf	112.79	3	Vertical	32	2.20	-	33.75	5.08	32.15
AV	5.826G	106.73	Inf	-Inf	100.05	3	Vertical	32	2.20	-	33.75	5.08	32.15
PK	5.925G	60.26	68.20	-7.94	52.99	3	Vertical	32	2.20	-	34.05	5.38	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

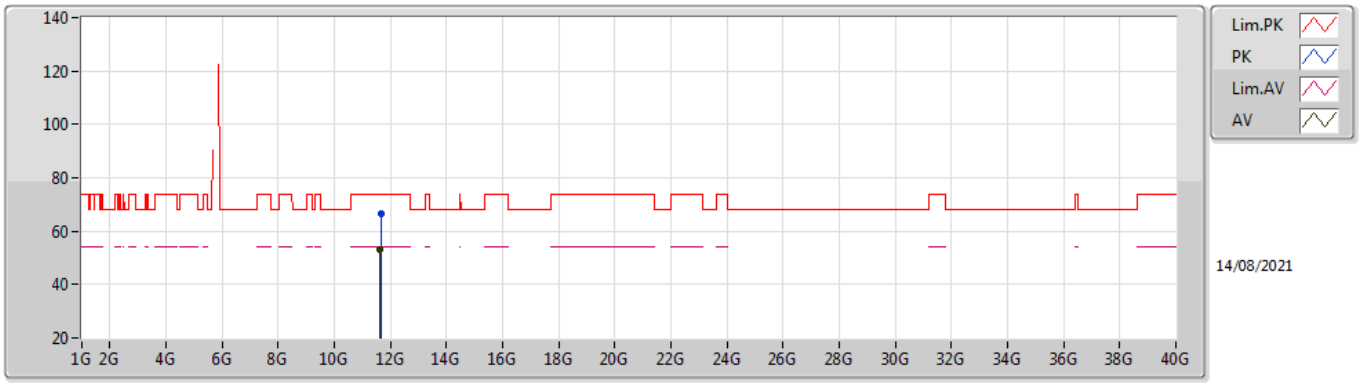


EUT Y_2TX
Setting 24
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.608G	56.93	68.20	-11.27	50.00	3	Horizontal	19	2.55	-	33.88	5.19	32.14
PK	5.824G	114.37	Inf	-Inf	107.70	3	Horizontal	19	2.55	-	33.75	5.07	32.15
AV	5.824G	101.14	Inf	-Inf	94.47	3	Horizontal	19	2.55	-	33.75	5.07	32.15
PK	5.928G	57.86	68.20	-10.34	50.58	3	Horizontal	19	2.55	-	34.06	5.38	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

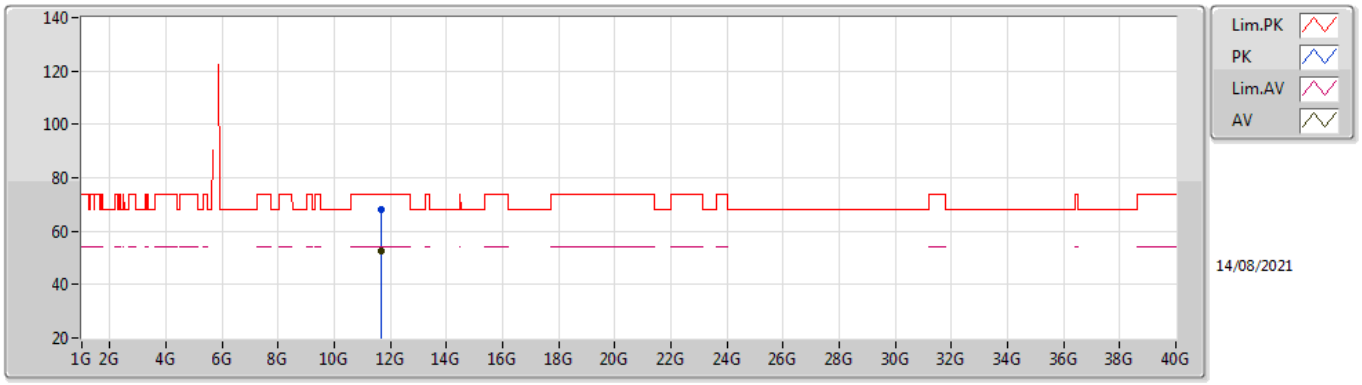


EUT Y_2TX
Setting 24
02-B-K-5

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	11.6477G	66.70	74.00	-7.30	52.93	3	Vertical	218	1.91	-	39.35	7.68	33.26
AV	11.6469G	53.31	54.00	-0.69	39.54	3	Vertical	218	1.91	-	39.35	7.68	33.26

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

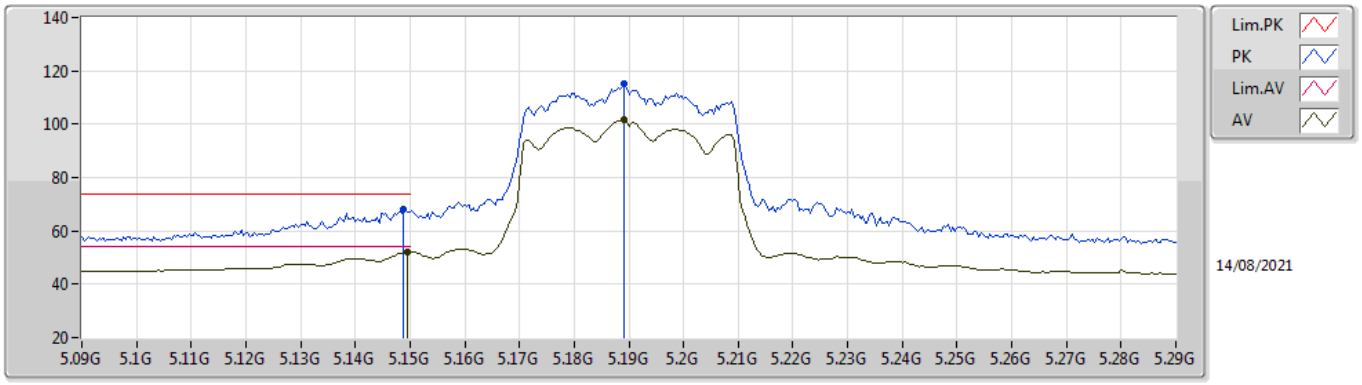


EUT Y_2TX
Setting 24
02-B-K-5

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	11.6526G	67.88	74.00	-6.12	54.11	3	Horizontal	243	2.02	-	39.35	7.68	33.26
AV	11.6518G	52.82	54.00	-1.18	39.05	3	Horizontal	243	2.02	-	39.35	7.68	33.26

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

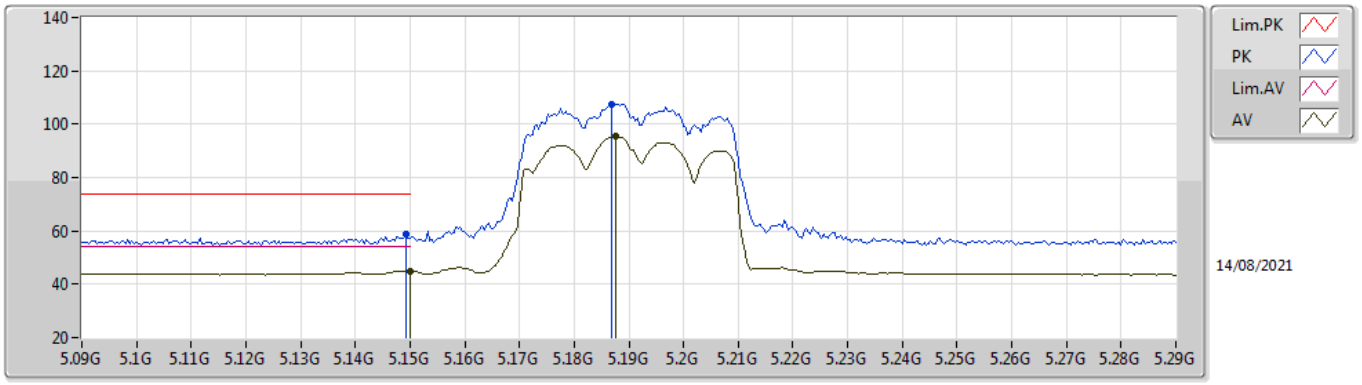


EUT Y_2TX
Setting 21
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	67.95	74.00	-6.05	61.60	3	Vertical	211	1.92	-	33.50	5.00	32.15
AV	5.1496G	51.95	54.00	-2.05	45.60	3	Vertical	211	1.92	-	33.50	5.00	32.15
PK	5.1892G	115.15	Inf	-Inf	108.72	3	Vertical	211	1.92	-	33.50	5.08	32.15
AV	5.1892G	101.74	Inf	-Inf	95.31	3	Vertical	211	1.92	-	33.50	5.08	32.15

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

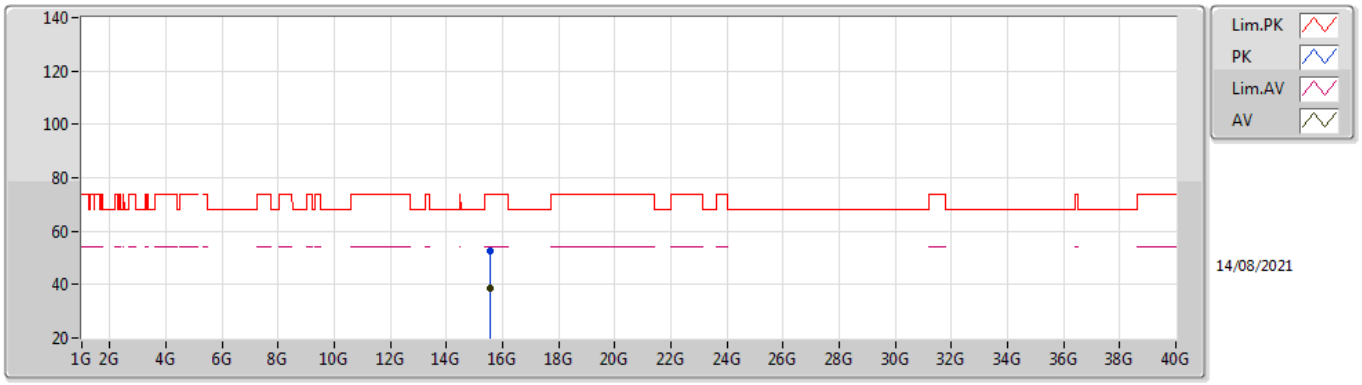


EUT Y_2TX
Setting 21
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	58.54	74.00	-15.46	52.19	3	Horizontal	5	2.96	-	33.50	5.00	32.15
AV	5.15G	44.96	54.00	-9.04	38.61	3	Horizontal	5	2.96	-	33.50	5.00	32.15
PK	5.1868G	107.56	Inf	-Inf	101.14	3	Horizontal	5	2.96	-	33.50	5.07	32.15
AV	5.1876G	95.28	Inf	-Inf	88.85	3	Horizontal	5	2.96	-	33.50	5.08	32.15

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

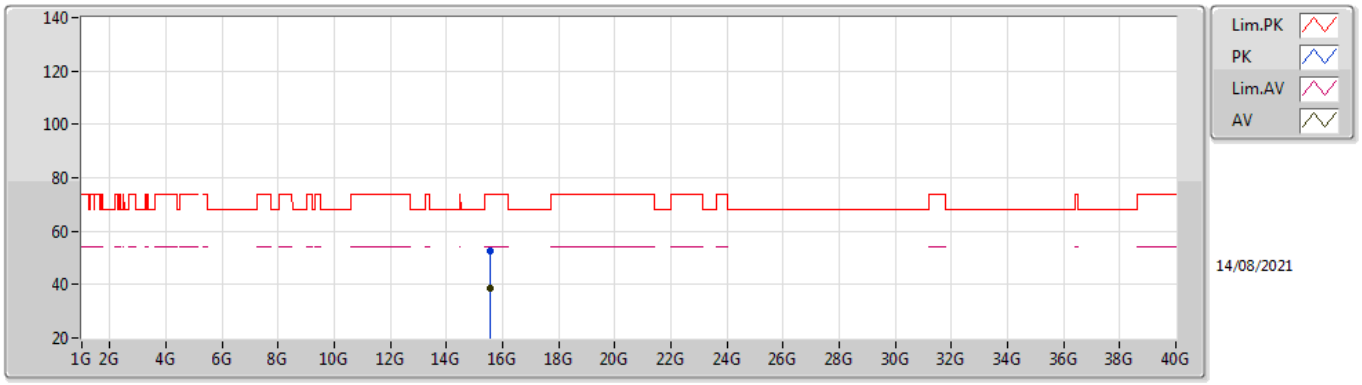


EUT Y_2TX
Setting 21
02-B-K-5

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	15.5704G	52.73	74.00	-21.27	39.22	3	Vertical	203	1.72	-	37.69	9.05	33.23
AV	15.57024G	38.48	54.00	-15.52	24.97	3	Vertical	203	1.72	-	37.69	9.05	33.23

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

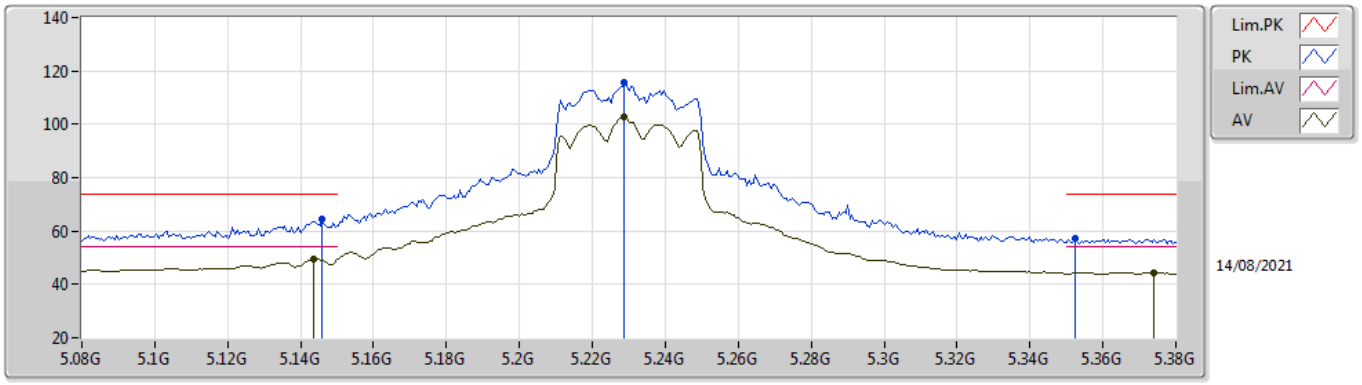


EUT Y_2TX
Setting 21
02-B-K-5

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	15.57952G	52.56	74.00	-21.44	39.09	3	Horizontal	224	1.80	-	37.66	9.05	33.24
AV	15.57452G	38.39	54.00	-15.61	24.90	3	Horizontal	224	1.80	-	37.68	9.05	33.24

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

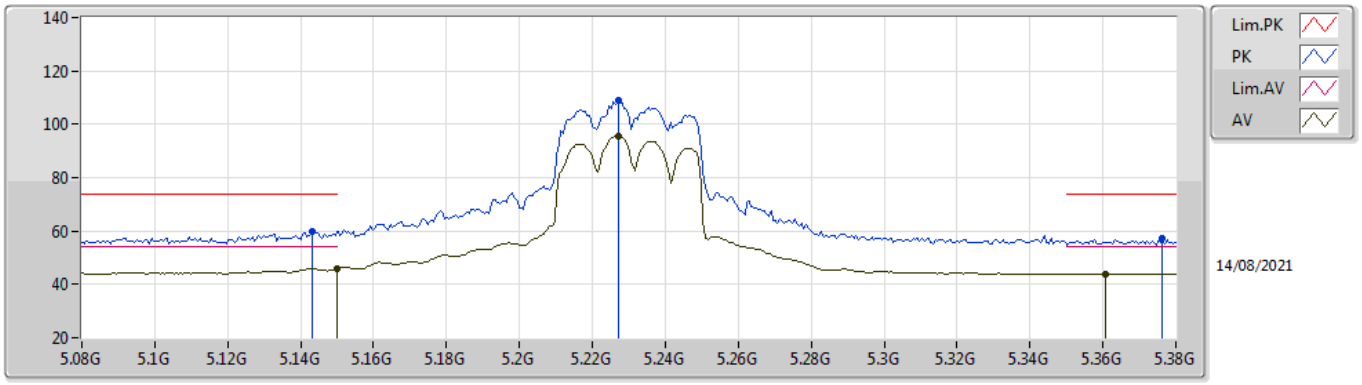


EUT Y_2TX
Setting 23
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	64.41	74.00	-9.59	58.07	3	Vertical	212	2.00	-	33.50	4.99	32.15
AV	5.1436G	49.60	54.00	-4.40	43.26	3	Vertical	212	2.00	-	33.50	4.99	32.15
PK	5.2288G	115.91	Inf	-Inf	109.41	3	Vertical	212	2.00	-	33.56	5.09	32.15
AV	5.2288G	102.69	Inf	-Inf	96.19	3	Vertical	212	2.00	-	33.56	5.09	32.15
PK	5.3524G	57.41	74.00	-16.59	50.83	3	Vertical	212	2.00	-	33.70	5.02	32.14
AV	5.374G	44.35	54.00	-9.65	37.73	3	Vertical	212	2.00	-	33.75	5.01	32.14

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

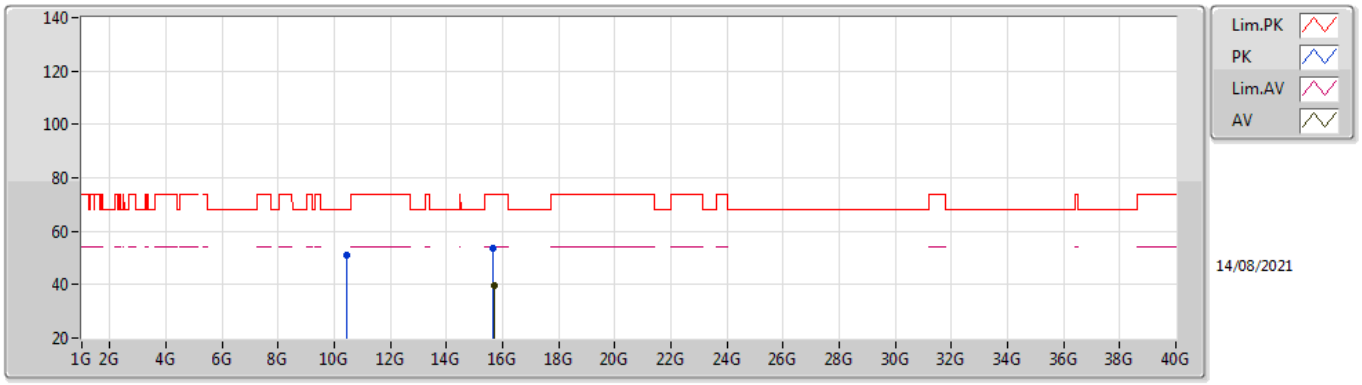


EUT Y_2TX
Setting 23
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.143G	60.02	74.00	-13.98	53.68	3	Horizontal	0	2.65	-	33.50	4.99	32.15
AV	5.15G	45.95	54.00	-8.05	39.60	3	Horizontal	0	2.65	-	33.50	5.00	32.15
PK	5.227G	109.03	Inf	-Inf	102.54	3	Horizontal	0	2.65	-	33.55	5.09	32.15
AV	5.227G	95.63	Inf	-Inf	89.14	3	Horizontal	0	2.65	-	33.55	5.09	32.15
PK	5.3764G	57.00	74.00	-17.00	50.38	3	Horizontal	0	2.65	-	33.75	5.01	32.14
AV	5.3608G	43.95	54.00	-10.05	37.35	3	Horizontal	0	2.65	-	33.72	5.02	32.14

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

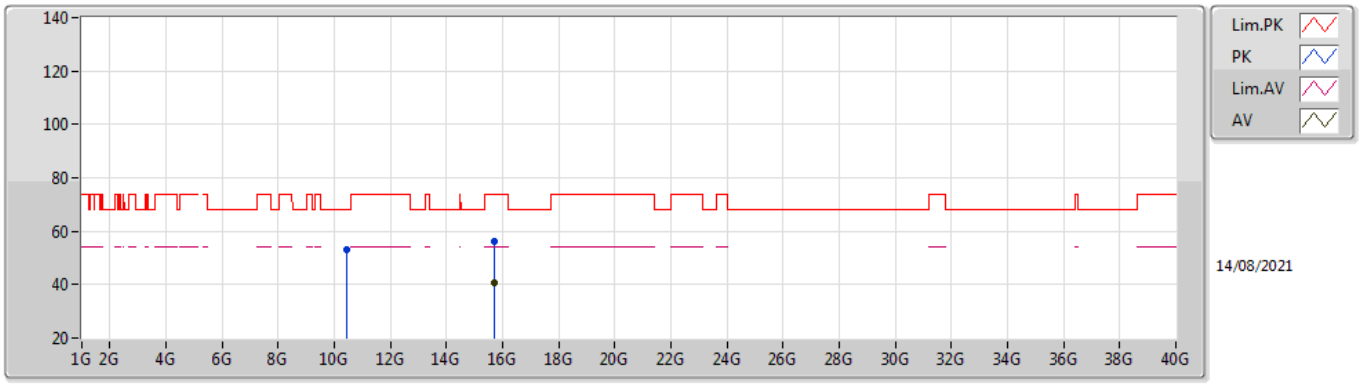


EUT Y_2TX
Setting 23
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.463G	51.26	68.20	-16.94	38.63	3	Vertical	46	2.08	-	38.40	7.26	33.03
PK	15.67838G	53.83	74.00	-20.17	40.66	3	Vertical	207	1.79	-	37.44	9.09	33.36
AV	15.69014G	39.68	54.00	-14.32	26.54	3	Vertical	207	1.79	-	37.42	9.09	33.37

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

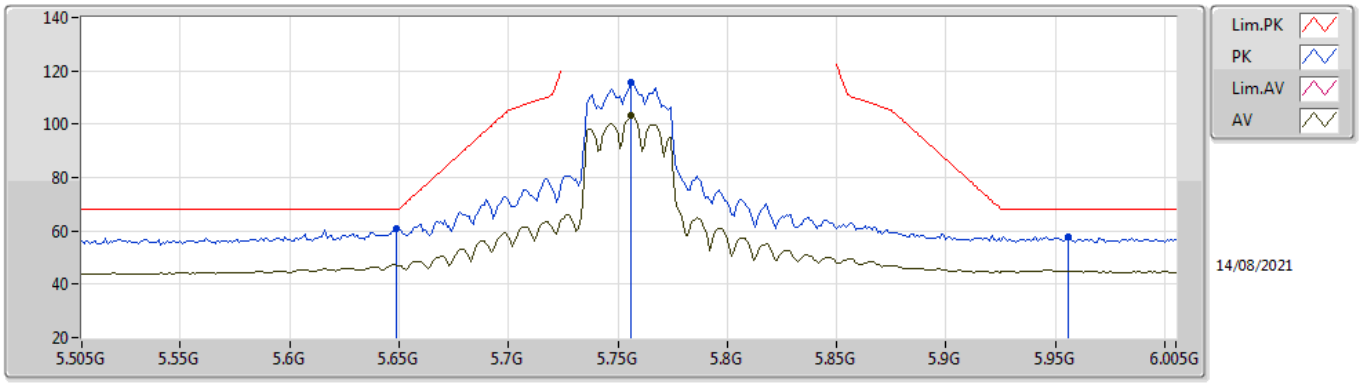


EUT Y_2TX
Setting 23
02-B-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46G	52.99	68.20	-15.21	40.35	3	Horizontal	255	2.13	-	38.40	7.26	33.02
PK	15.69056G	56.08	74.00	-17.92	42.94	3	Horizontal	251	1.85	-	37.42	9.09	33.37
AV	15.69056G	40.67	54.00	-13.33	27.53	3	Horizontal	251	1.85	-	37.42	9.09	33.37

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

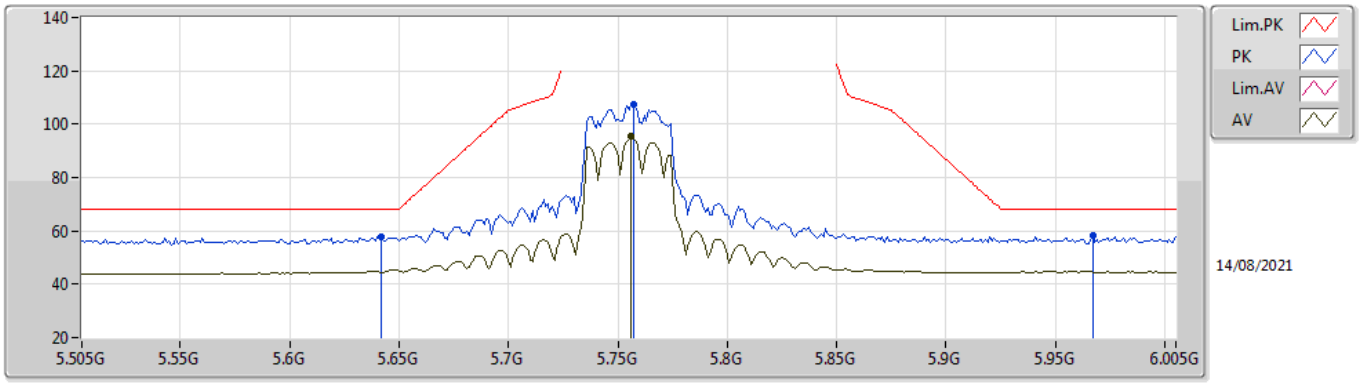


EUT Y_2TX
Setting 23
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	60.62	68.20	-7.58	53.81	3	Vertical	357	2.55	-	33.80	5.15	32.14
PK	5.756G	115.67	Inf	-Inf	108.99	3	Vertical	357	2.55	-	33.79	5.04	32.15
AV	5.756G	103.27	Inf	-Inf	96.59	3	Vertical	357	2.55	-	33.79	5.04	32.15
PK	5.956G	57.89	68.20	-10.31	50.48	3	Vertical	357	2.55	-	34.10	5.47	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

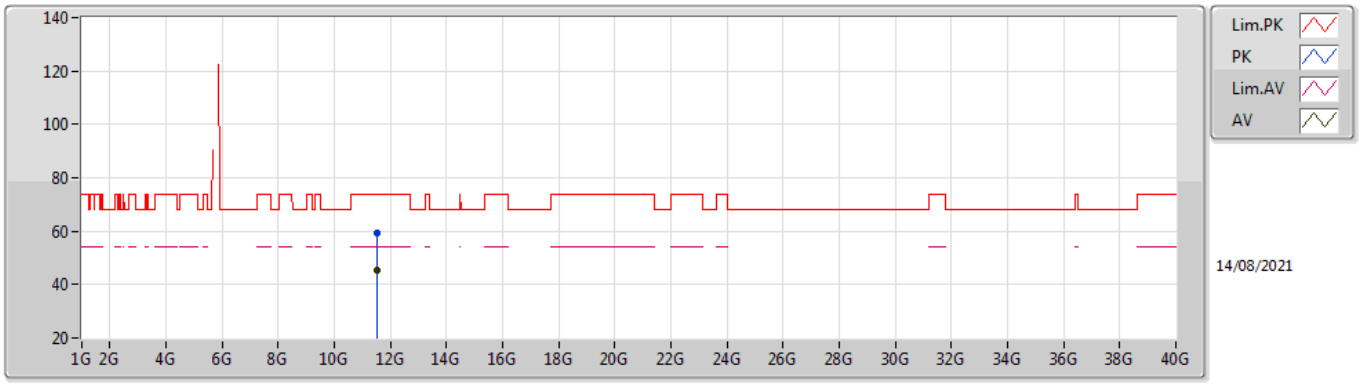


EUT Y_2TX
Setting 23
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.642G	57.77	68.20	-10.43	50.93	3	Horizontal	17	1.00	-	33.82	5.16	32.14
PK	5.757G	107.67	Inf	-Inf	100.99	3	Horizontal	17	1.00	-	33.79	5.04	32.15
AV	5.756G	95.45	Inf	-Inf	88.77	3	Horizontal	17	1.00	-	33.79	5.04	32.15
PK	5.967G	58.03	68.20	-10.17	50.59	3	Horizontal	17	1.00	-	34.10	5.50	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

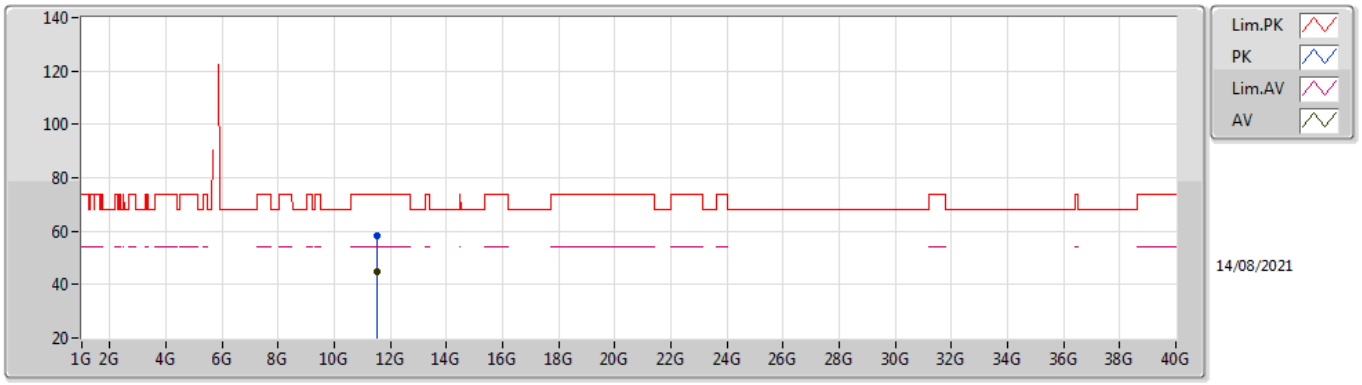


EUT Y_2TX
Setting 23
02-B-K-5

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	11.50832G	59.54	74.00	-14.46	46.11	3	Vertical	219	1.92	-	39.02	7.63	33.22
AV	11.517G	45.33	54.00	-8.67	31.87	3	Vertical	219	1.92	-	39.05	7.63	33.22

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

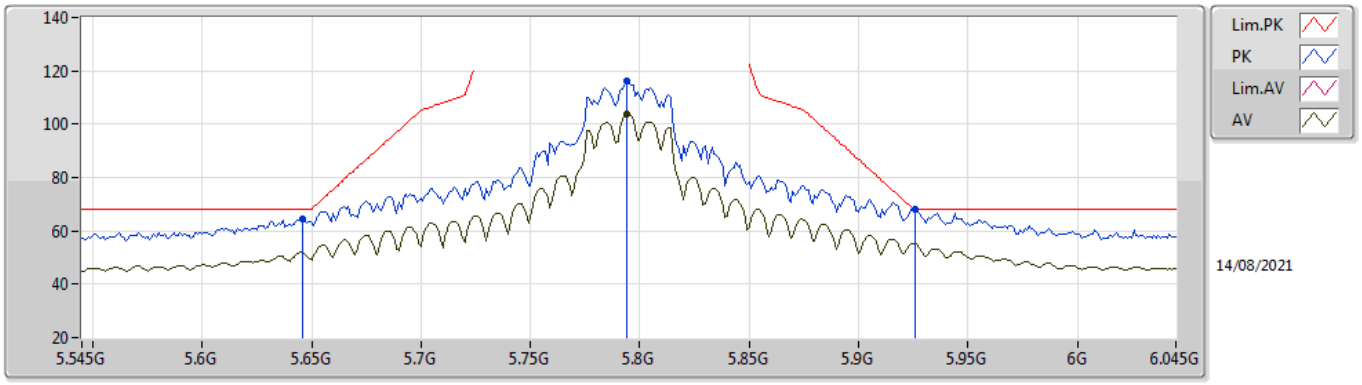


EUT Y_2TX
Setting 23
02-B-K-5

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	11.51182G	58.44	74.00	-15.56	44.99	3	Horizontal	245	2.00	-	39.04	7.63	33.22
AV	11.51224G	44.73	54.00	-9.27	31.28	3	Horizontal	245	2.00	-	39.04	7.63	33.22

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

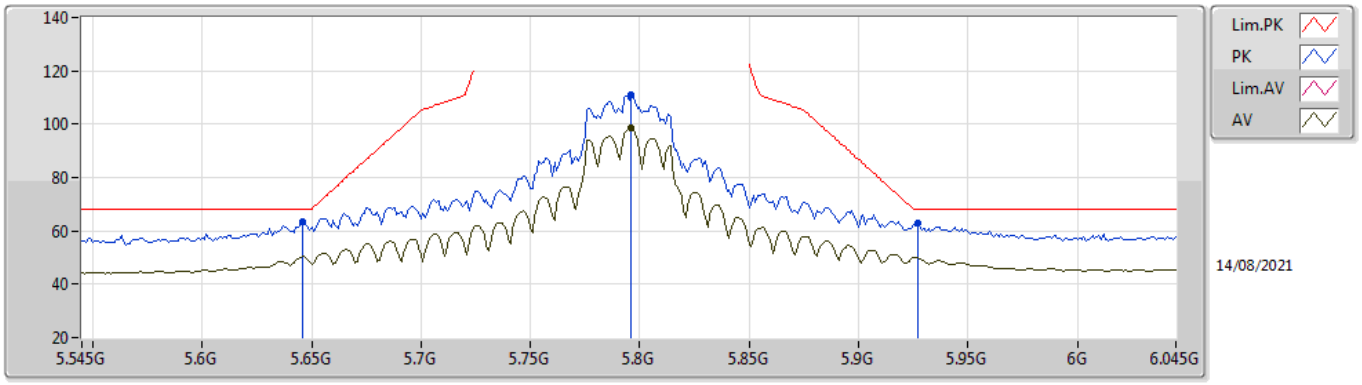


EUT Y_2TX
Setting 25
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	64.44	68.20	-3.76	57.62	3	Vertical	349	1.80	-	33.81	5.15	32.14
PK	5.794G	116.16	Inf	-Inf	109.59	3	Vertical	349	1.80	-	33.71	5.01	32.15
AV	5.794G	103.86	Inf	-Inf	97.29	3	Vertical	349	1.80	-	33.71	5.01	32.15
PK	5.926G	68.19	68.20	-0.01	60.92	3	Vertical	349	1.80	-	34.05	5.38	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

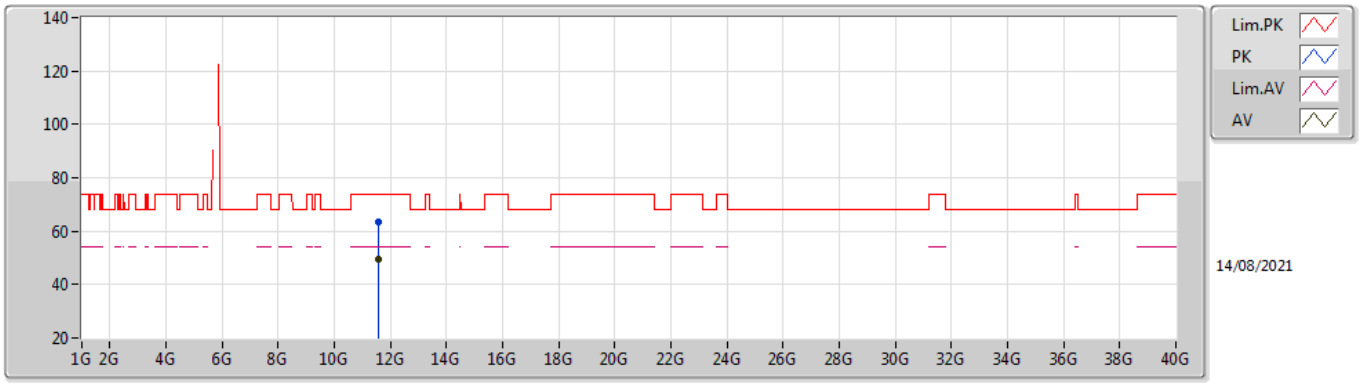


EUT Y_2TX
Setting 25
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	63.28	68.20	-4.92	56.46	3	Horizontal	14	1.11	-	33.81	5.15	32.14
PK	5.796G	111.02	Inf	-Inf	104.46	3	Horizontal	14	1.11	-	33.71	5.00	32.15
AV	5.796G	98.68	Inf	-Inf	92.12	3	Horizontal	14	1.11	-	33.71	5.00	32.15
PK	5.927G	62.80	68.20	-5.40	55.53	3	Horizontal	14	1.11	-	34.05	5.38	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

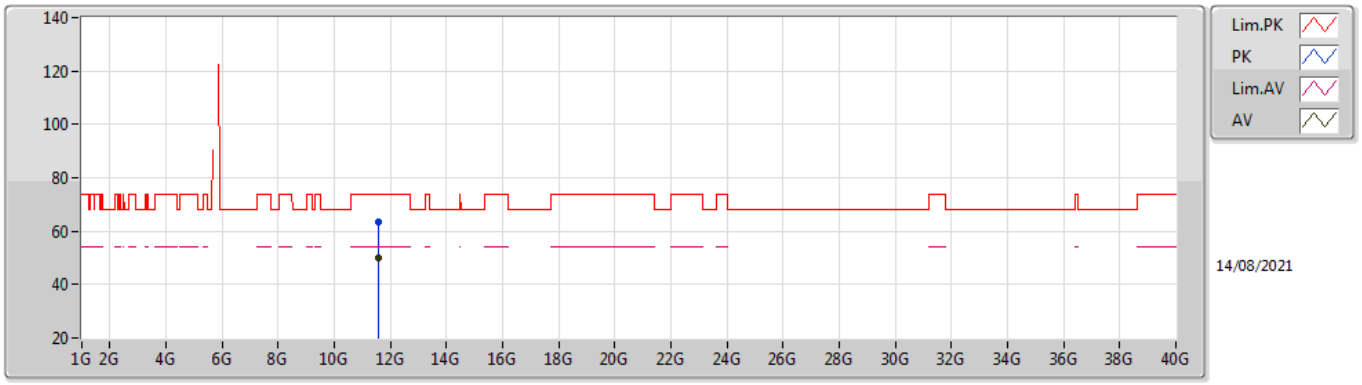


EUT Y_2TX
Setting 25
02-B-K-5

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	11.59602G	63.26	74.00	-10.74	49.55	3	Vertical	220	1.90	-	39.29	7.66	33.24
AV	11.5963G	49.37	54.00	-4.63	35.67	3	Vertical	220	1.90	-	39.29	7.66	33.25

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

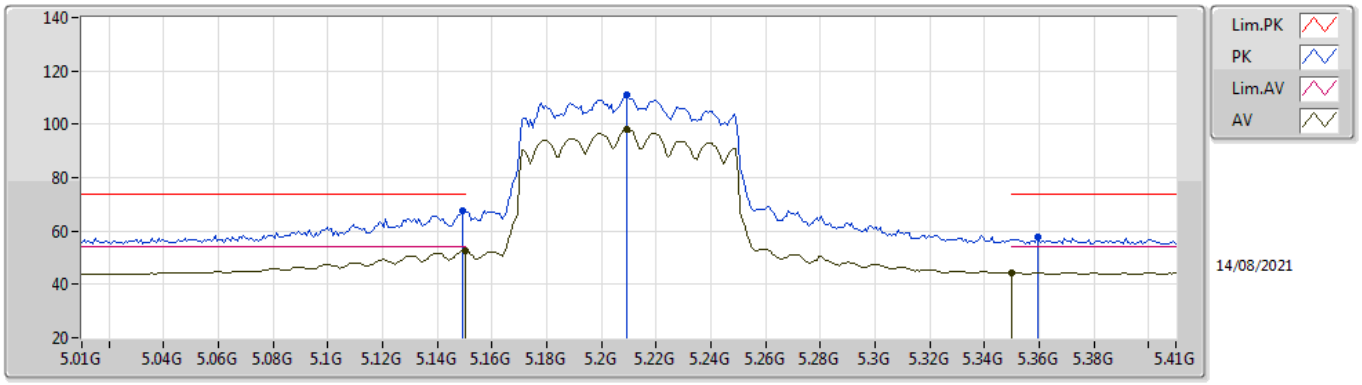


EUT Y_2TX
Setting 25
02-B-K-5

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	11.59308G	63.50	74.00	-10.50	49.80	3	Horizontal	242	2.07	-	39.28	7.66	33.24
AV	11.59238G	49.76	54.00	-4.24	36.06	3	Horizontal	242	2.07	-	39.28	7.66	33.24

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

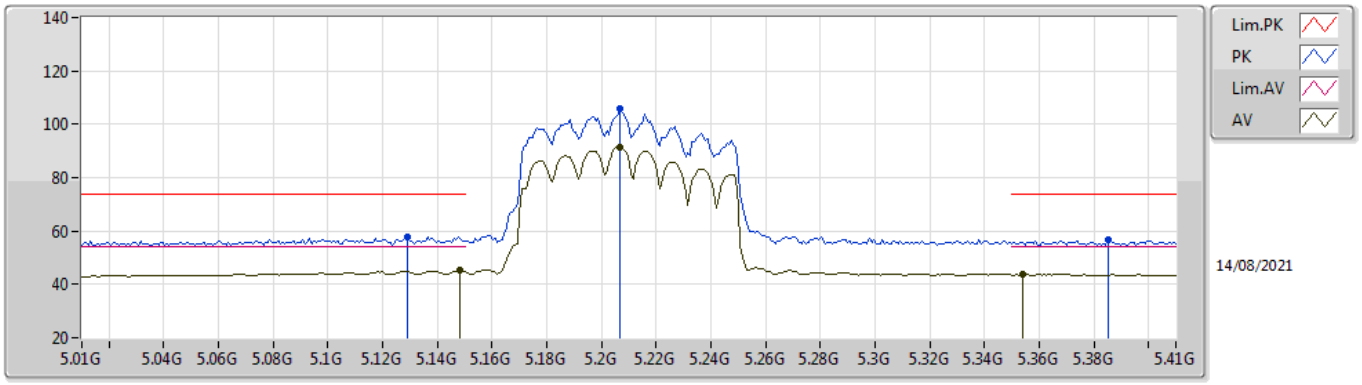


EUT Y_2TX
Setting 21
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	67.63	74.00	-6.37	61.28	3	Vertical	210	2.00	-	33.50	5.00	32.15
AV	5.15G	52.52	54.00	-1.48	46.17	3	Vertical	210	2.00	-	33.50	5.00	32.15
PK	5.2092G	110.78	Inf	-Inf	104.31	3	Vertical	210	2.00	-	33.52	5.10	32.15
AV	5.2092G	98.23	Inf	-Inf	91.76	3	Vertical	210	2.00	-	33.52	5.10	32.15
PK	5.3596G	57.84	74.00	-16.16	51.24	3	Vertical	210	2.00	-	33.72	5.02	32.14
AV	5.35G	44.34	54.00	-9.66	37.75	3	Vertical	210	2.00	-	33.70	5.03	32.14

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

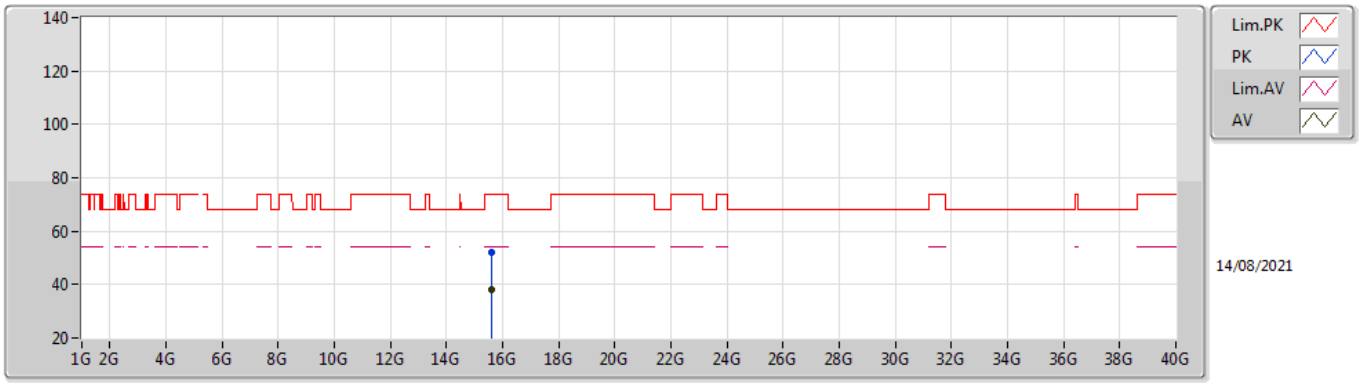


EUT Y_2TX
Setting 21
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1292G	57.92	74.00	-16.08	51.61	3	Horizontal	360	2.95	-	33.50	4.96	32.15
AV	5.1484G	45.23	54.00	-8.77	38.88	3	Horizontal	360	2.95	-	33.50	5.00	32.15
PK	5.2068G	105.70	Inf	-Inf	99.24	3	Horizontal	360	2.95	-	33.51	5.10	32.15
AV	5.2068G	91.58	Inf	-Inf	85.12	3	Horizontal	360	2.95	-	33.51	5.10	32.15
PK	5.3852G	56.69	74.00	-17.31	50.05	3	Horizontal	360	2.95	-	33.77	5.01	32.14
AV	5.354G	43.71	54.00	-10.29	37.12	3	Horizontal	360	2.95	-	33.71	5.02	32.14

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

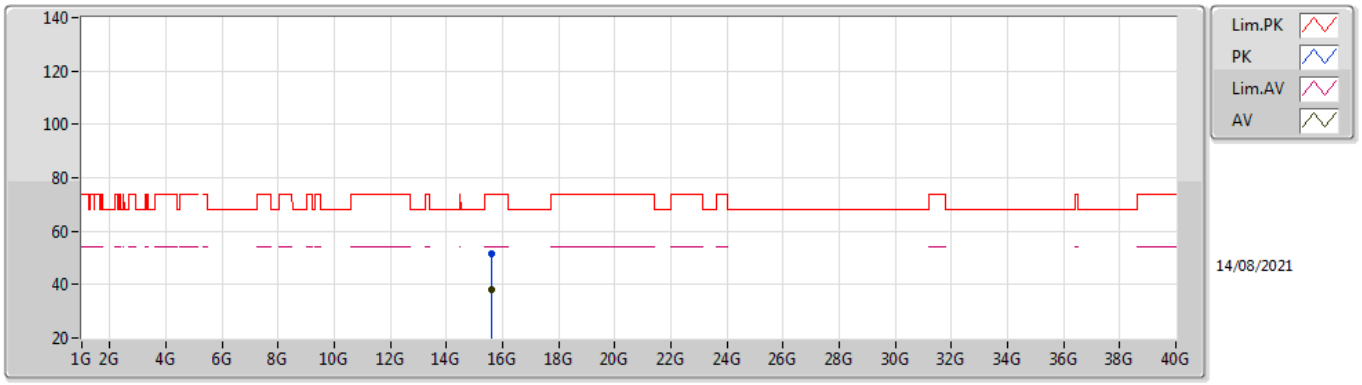


EUT Y_2TX
Setting 21
02-B-K-5

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	15.62832G	51.88	74.00	-22.12	38.57	3	Vertical	190	2.97	-	37.54	9.07	33.30
AV	15.6272G	38.16	54.00	-15.84	24.84	3	Vertical	190	2.97	-	37.55	9.07	33.30

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

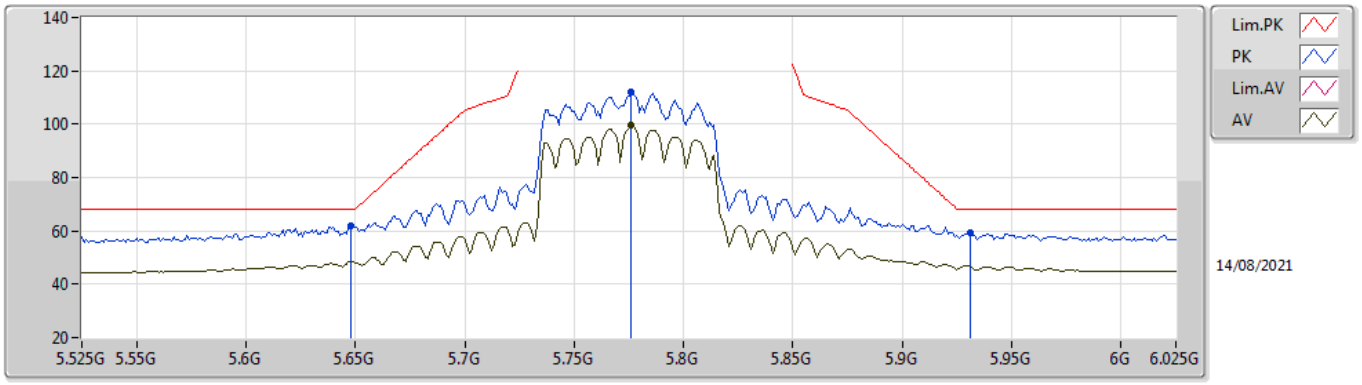


EUT Y_2TX
Setting 21
02-B-K-5

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	15.63084G	51.62	74.00	-22.38	38.31	3	Horizontal	212	1.86	-	37.54	9.07	33.30
AV	15.63054G	38.02	54.00	-15.98	24.71	3	Horizontal	212	1.86	-	37.54	9.07	33.30

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

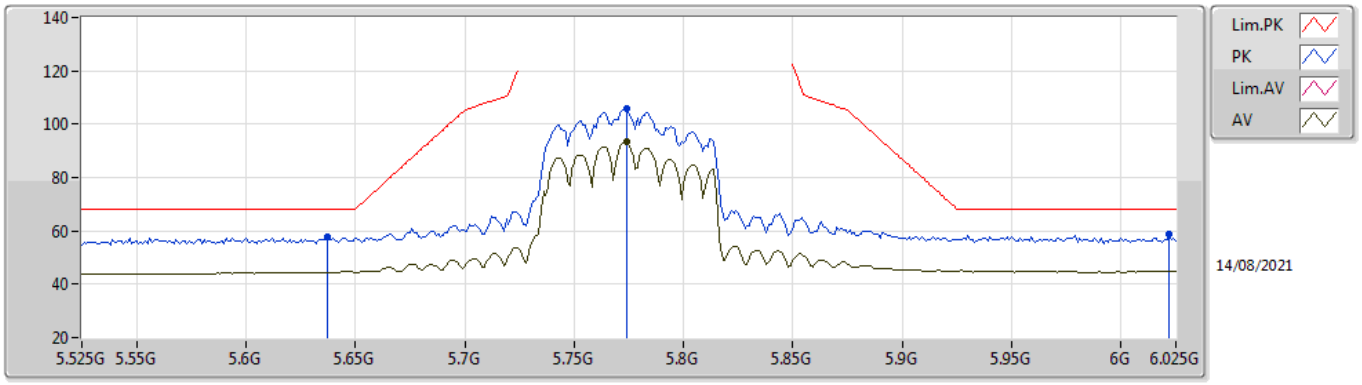


EUT Y_2TX
Setting 23
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	61.81	68.20	-6.39	55.00	3	Vertical	356	2.33	-	33.80	5.15	32.14
PK	5.776G	111.93	Inf	-Inf	105.31	3	Vertical	356	2.33	-	33.75	5.02	32.15
AV	5.776G	99.51	Inf	-Inf	92.89	3	Vertical	356	2.33	-	33.75	5.02	32.15
PK	5.931G	59.28	68.20	-8.92	51.99	3	Vertical	356	2.33	-	34.06	5.39	32.16

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

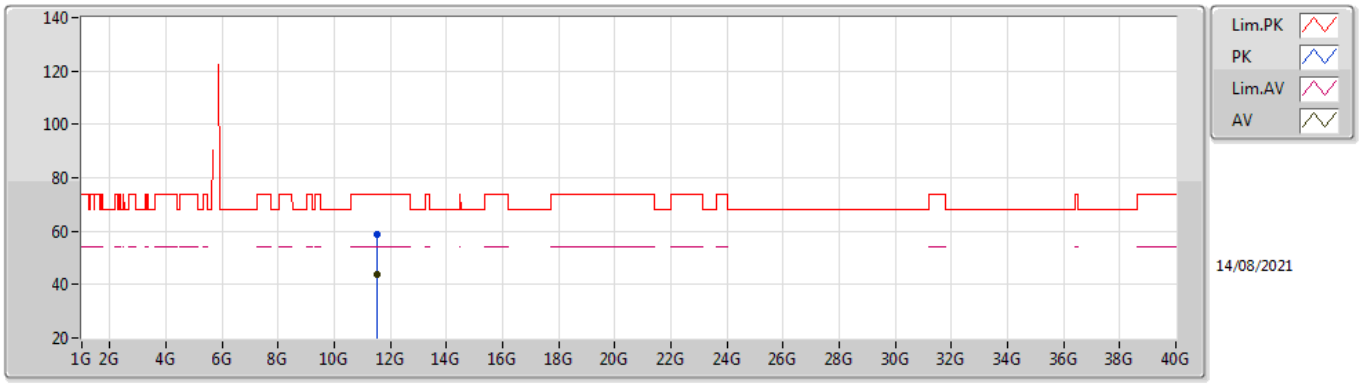


EUT Y_2TX
Setting 23
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.637G	57.95	68.20	-10.25	51.10	3	Horizontal	13	2.71	-	33.83	5.16	32.14
PK	5.774G	106.10	Inf	-Inf	99.47	3	Horizontal	13	2.71	-	33.75	5.03	32.15
AV	5.774G	93.50	Inf	-Inf	86.87	3	Horizontal	13	2.71	-	33.75	5.03	32.15
PK	6.022G	58.78	68.20	-9.42	51.18	3	Horizontal	13	2.71	-	34.19	5.57	32.16

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

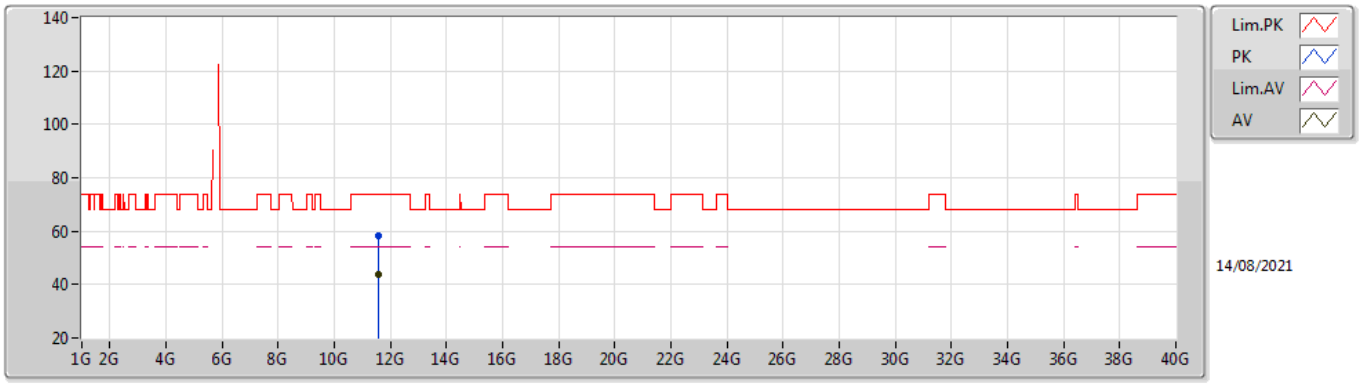


EUT Y_2TX
Setting 23
02-B-K-5

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	11.547G	58.70	74.00	-15.30	45.15	3	Vertical	218	1.91	-	39.14	7.64	33.23
AV	11.548G	43.66	54.00	-10.34	30.11	3	Vertical	218	1.91	-	39.14	7.64	33.23

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

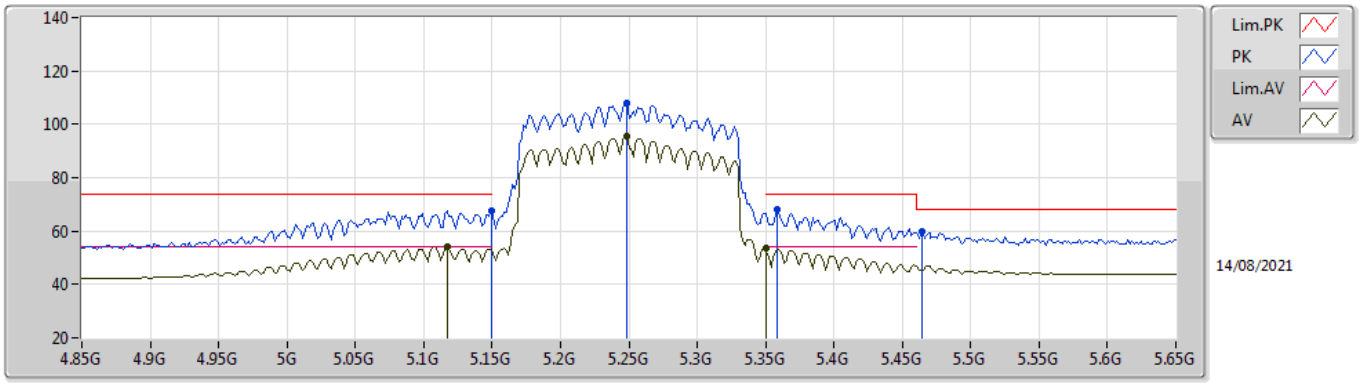


EUT Y_2TX
Setting 23
02-B-K-5

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	11.5532G	58.10	74.00	-15.90	44.53	3	Horizontal	243	2.06	-	39.16	7.64	33.23
AV	11.552G	43.74	54.00	-10.26	30.17	3	Horizontal	243	2.06	-	39.16	7.64	33.23

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

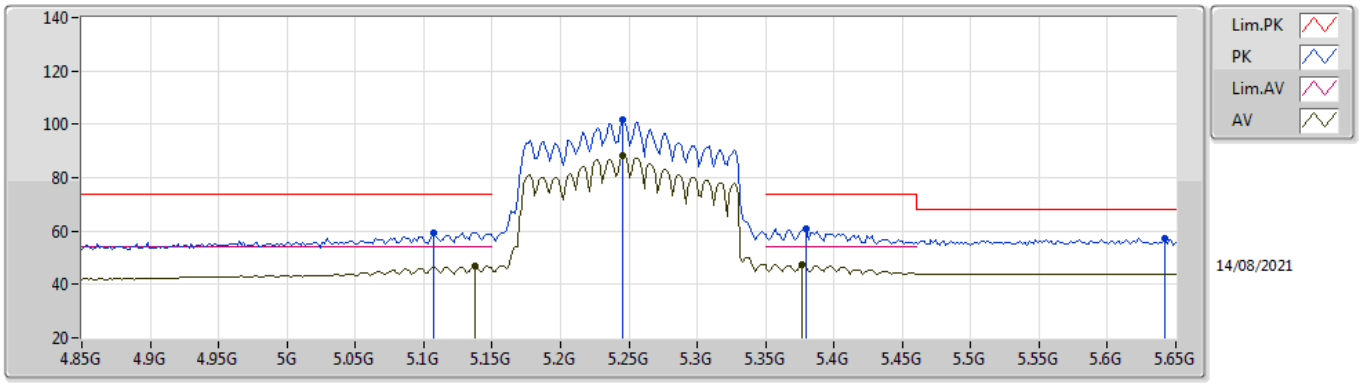


EUT Y_2TX
Setting 21.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	67.51	74.00	-6.49	61.16	3	Vertical	215	1.86	-	33.50	5.00	32.15
AV	5.1172G	53.99	54.00	-0.01	47.71	3	Vertical	215	1.86	-	33.50	4.93	32.15
PK	5.2484G	108.05	Inf	-Inf	101.52	3	Vertical	215	1.86	-	33.60	5.08	32.15
AV	5.2484G	95.75	Inf	-Inf	89.22	3	Vertical	215	1.86	-	33.60	5.08	32.15
PK	5.3588G	68.22	74.00	-5.78	61.62	3	Vertical	215	1.86	-	33.72	5.02	32.14
AV	5.35G	53.58	54.00	-0.42	47.00	3	Vertical	215	1.86	-	33.70	5.02	32.14
PK	5.4644G	59.98	68.20	-8.22	53.15	3	Vertical	215	1.86	-	33.90	5.06	32.13

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

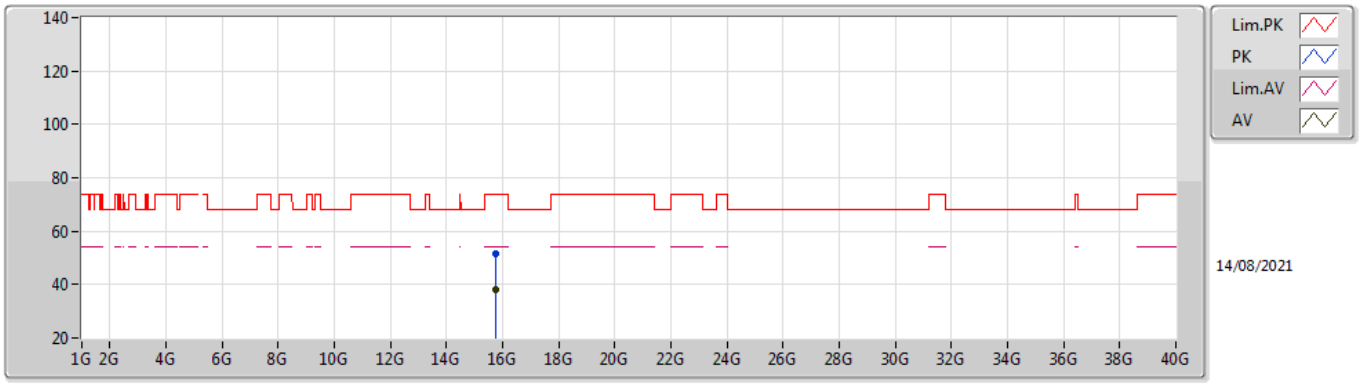


EUT Y_2TX
Setting 21.5
02-B-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1076G	59.55	74.00	-14.45	53.28	3	Horizontal	355	2.40	-	33.50	4.92	32.15
AV	5.138G	46.77	54.00	-7.23	40.44	3	Horizontal	355	2.40	-	33.50	4.98	32.15
PK	5.2452G	101.87	Inf	-Inf	95.35	3	Horizontal	355	2.40	-	33.59	5.08	32.15
AV	5.2452G	88.52	Inf	-Inf	82.00	3	Horizontal	355	2.40	-	33.59	5.08	32.15
PK	5.3796G	61.03	74.00	-12.97	54.40	3	Horizontal	355	2.40	-	33.76	5.01	32.14
AV	5.3764G	47.31	54.00	-6.69	40.69	3	Horizontal	355	2.40	-	33.75	5.01	32.14
PK	5.642G	57.42	68.20	-10.78	50.58	3	Horizontal	355	2.40	-	33.82	5.16	32.14

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

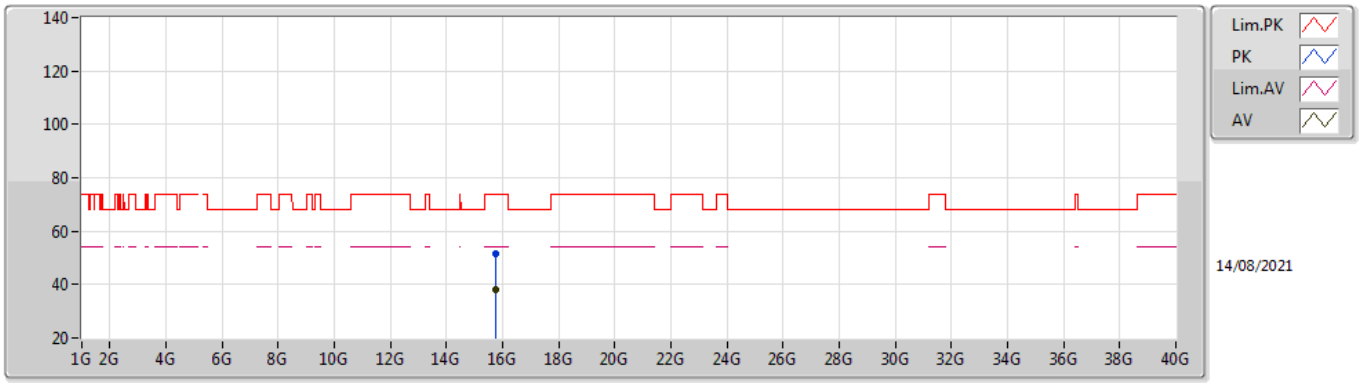


EUT Y_2TX
Setting 21.5
02-B-K-5

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	15.75258G	51.80	74.00	-22.20	38.74	3	Vertical	211	1.27	-	37.40	9.11	33.45
AV	15.75468G	38.13	54.00	-15.87	25.07	3	Vertical	211	1.27	-	37.40	9.11	33.45

802.11ax HEW160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom



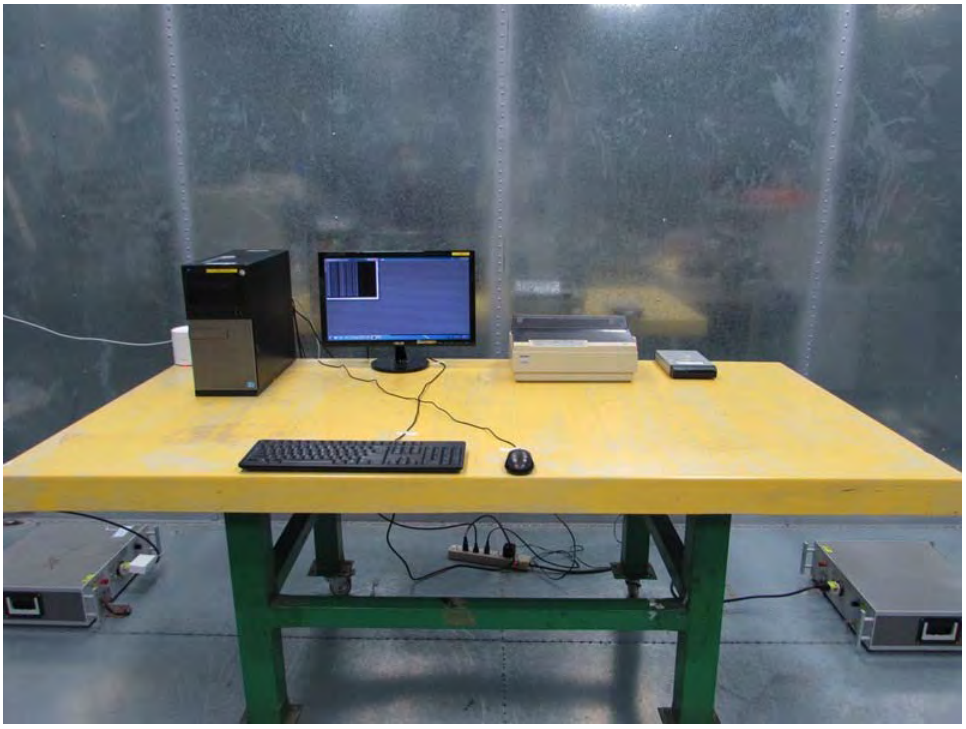
EUT Y_2TX
Setting 21.5
02-B-K-5

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	15.751G	51.74	74.00	-22.26	38.68	3	Horizontal	297	2.12	-	37.40	9.11	33.45
AV	15.75086G	38.14	54.00	-15.86	25.08	3	Horizontal	297	2.12	-	37.40	9.11	33.45

1. Photographs of Conducted Emissions Test Configuration

Unintentional – Normal Link

FRONT VIEW



REAR VIEW

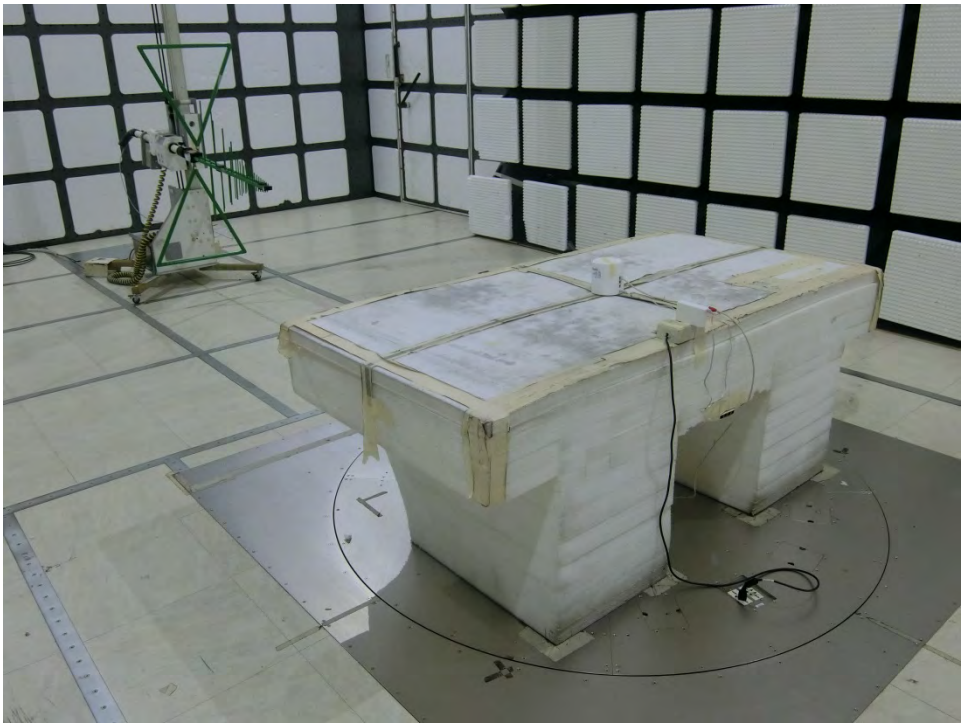
2. Photographs of Radiated Emissions Test Configuration

Test Configuration: 30MHz~1GHz

Intentional – CTX / Test Mode: Mode 2

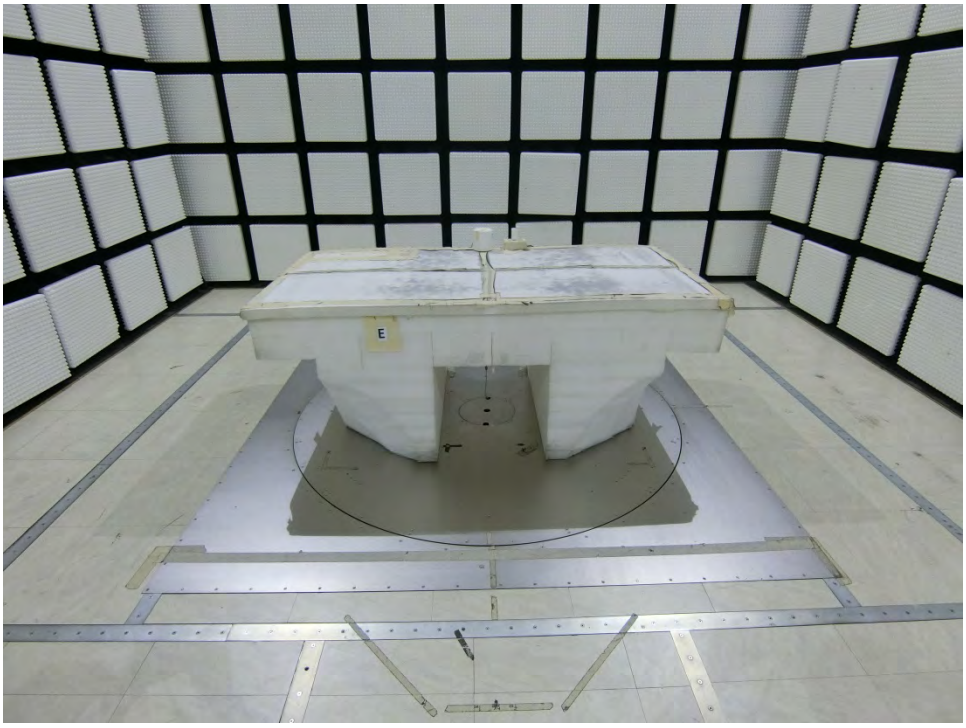
FRONT VIEW

REAR VIEW

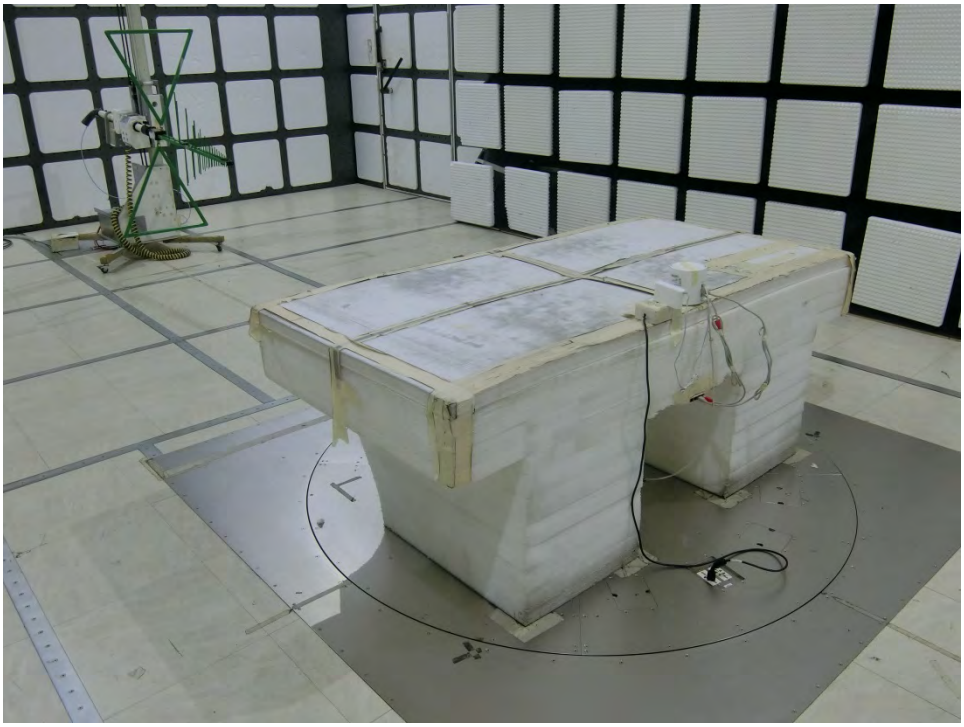


Unintentional – CRX / Test Mode: Mode 1

FRONT VIEW



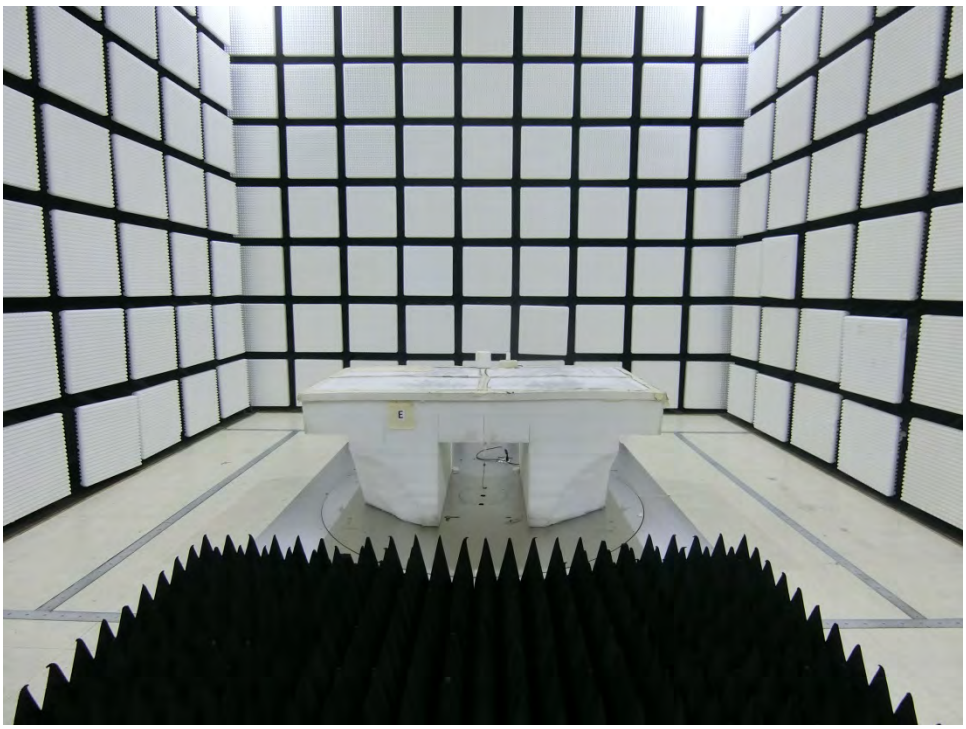
REAR VIEW



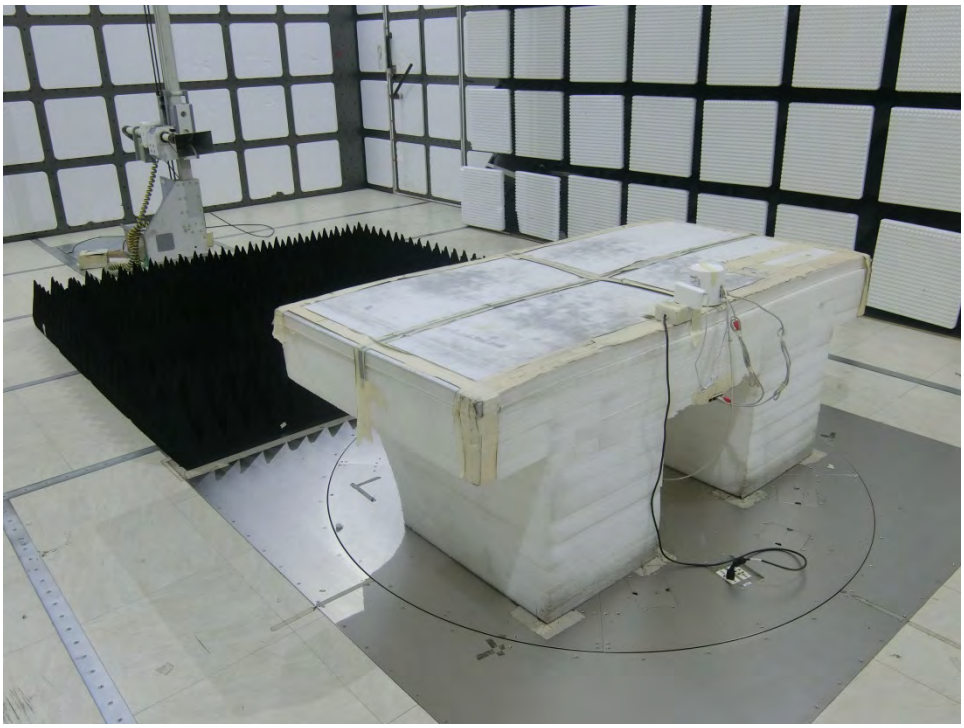
Test Configuration: Above 1GHz

Unintentional-CRX / Test Mode: Mode 2

FRONT VIEW

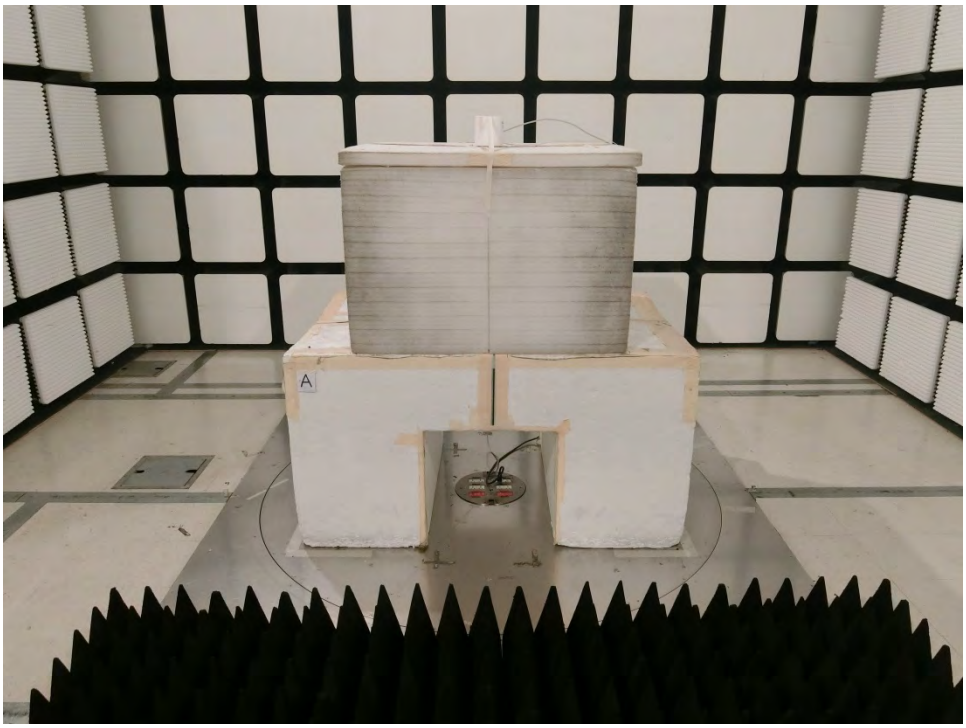


REAR VIEW

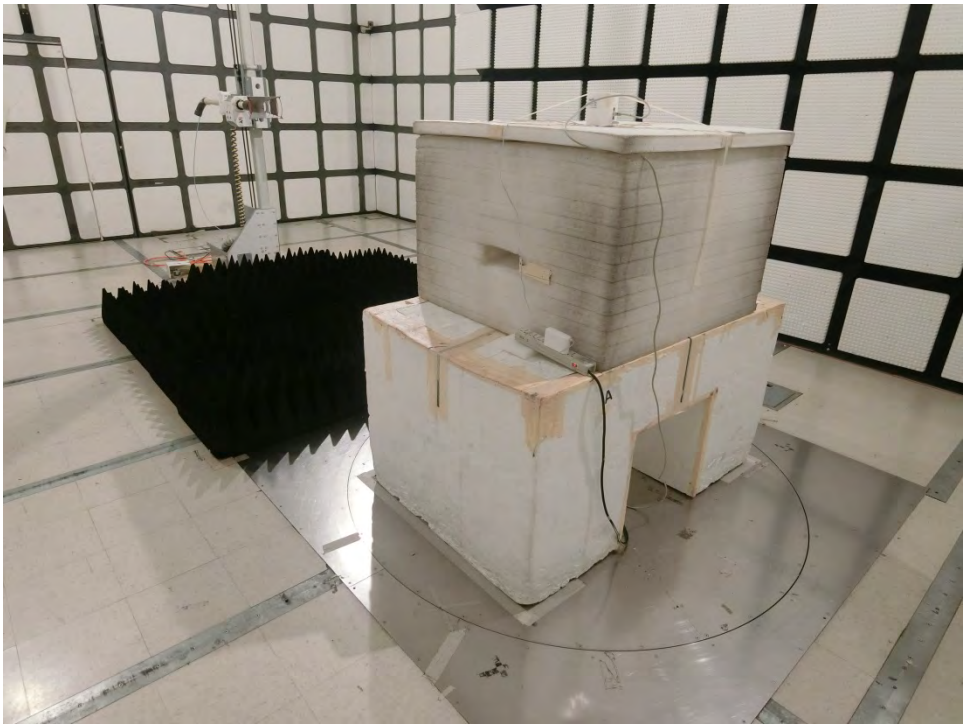


Intentional - CTX

FRONT VIEW



REAR VIEW



———THE END———