Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	VW3FAST399V2
Equipment	:	Wireless Home Router
Brand Name	:	SAGEMCOM
Model Name	:	FAST 399
Applicant	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Manufacturer	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 07, 2022, and testing was started from Nov. 08, 2022 and completed on Jan. 05, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR170737-06AB	01	Initial issue of report	Jan. 11, 2023

Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Sam Chen
Report Producer: Penny Kao

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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

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

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Type	Connector	Gain (dBi)	Remark
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz						
1	3	3	-	Galtronics	02102140-07501-1 DB1	PCB	I-Pex	Note1	WLAN 2.4GHz, WLAN 5GHz UNII 1, 3
2	2	2	-	Galtronics	02102140-07501-2 DB2	PCB	I-Pex		WLAN 2.4GHz, WLAN 5GHz UNII 1, 3
3	1	1	-	Galtronics	02102140-07501-3 DB3	PCB	I-Pex		WLAN 2.4GHz, WLAN 5GHz UNII 1, 3
4	-	4	-	Galtronics	02102142-07501 5G	PCB	I-Pex		WLAN 5GHz UNII 1, 3
5	-	-	1	Galtronics	02102475-07501B1 6G1 (HPOLOMNI)	PCB	I-Pex		WLAN 6GHz UNII 5~8
6	-	-	2	Galtronics	02102475-07501B2 6G2 (HPOLOMNI)	PCB	I-Pex		WLAN 6GHz UNII 5~8
7	-	-	3	Galtronics	02102475-07501A1 6G3	PCB	I-Pex		WLAN 6GHz UNII 5~8
8	-	-	4	Galtronics	02102475-07501A2 6G4	PCB	I-Pex		WLAN 6GHz UNII 5~8

Note1:

Ant.	Gain (dBi)					
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6GHz UNII 5~8
1	3.12	3.32	3.31	2.65	3.66	-
2	1.24	2.27	1.97	2.31	2.46	-
3	3.18	3.33	2.68	2.36	2.01	-
4	-	4.9	3.67	3.24	3.22	-
5	-	-	-	-	-	5.519
6	-	-	-	-	-	3.588
7	-	-	-	-	-	4.972
8	-	-	-	-	-	6.680
Directional Gain (dBi) (3T1S)	3.41	-	-	-	-	-
Directional Gain (dBi) (4T1S)	-	5.13	4.03	4.01	4.42	-

Note2: The above information (except Ant.1~4 gain) was declared by manufacturer.
Note3: The directional gain of WLAN 2.4GHz,5GHz is measured which follows the procedure of KDB 662911 D03.
Note4: The DFS band doesn't enable at this time.
Note5: <**WLAN 2.4GHz function**>
802.11 b/g/n/VHT/ax mode (3TX/3RX):
Port 1, Port 2 and Port 3 can be used as transmitting/receiving antenna.
Port 1, Port 2 and Port 3 could transmit/receive simultaneously.
<WLAN 5GHz function>
802.11a/n/ac/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
<WLAN 6GHz function>
802.11ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.947	0.24	2.066m	1k
802.11ax HEW20	0.978	0.1	1.489m	1k
802.11ax HEW40	0.961	0.17	781.25u	3k
802.11ax HEW80	0.928	0.32	415u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 802.11n/VHT/ax in 2.4GHz, 802.11n/ac/ax in 5GHz and 802.11ax in 6GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	accessMtool(version 3.2.1.3)			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D03 v01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	23.6-24.1 / 58-64	Nov. 12, 2022~ Nov. 26, 2022
Radiated > 1GHz	03CH06-CB	Ederson Huang	22.9~24 / 54~57	Nov. 08, 2022~ Jan. 05, 2023
Radiated < 1GHz	03CH03-CB	Ederson Huang	22.1~23.8 / 63~67	Nov. 08, 2022~ Jan. 05, 2023
Radiated (Co-location)	03CH06-CB	Ederson Huang	22.9~24 / 54~57	Nov. 08, 2022~ Jan. 05, 2023
AC Conduction	CO01-CB	Peter Wu	22~23 / 57~58	Dec. 29, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	85
5200MHz	97
5240MHz	96
5745MHz	96
5785MHz	91
5825MHz	90
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	79
5200MHz	98
5240MHz	95
5745MHz	94
5785MHz	90
5825MHz	91
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	73
5230MHz	90
5755MHz	101
5795MHz	98
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	73
5775MHz	85
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	79
5200MHz	98
5240MHz	95
5745MHz	94
5785MHz	90
5825MHz	91
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	73
5230MHz	90
5755MHz	101
5795MHz	98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	73

Mode	Power Setting
5775MHz	85

Note:
- Evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation.
  The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been selected to execute all tests. The beamforming mode evaluates the output power only

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT_WLAN 2.4GHz + Adapter
2	EUT_WLAN 5GHz + Adapter
3	EUT_WLAN 6GHz + Adapter
For operating mode 1 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	After evaluating, the worst case was found at Y axis, thus the measurement will follow this same test configuration.
1	EUT in Y axis_WLAN 2.4GHz + Adapter
2	EUT in Y axis_WLAN 5GHz + Adapter
3	EUT in Y axis_WLAN 6GHz + Adapter
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, the worst case was found at Y axis, thus the measurement will follow this same test configuration.
1	EUT in Y axis_WLAN 5GHz UNII 1, 3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	CTX
	After evaluating, the worst case was found at Y axis, thus the measurement will follow this same test configuration.
1	EUT in Y axis_WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz UNII 1, 3 + WLAN 6GHz UNII 5~8
Refer to Sporton Test Report No.: FA170737-06 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	MOSO	MSG-V2500NR120-030E0-US	INPUT: 100-127V~ 50/60Hz, 1.0A Max. OUTPUT: 12.0V, 2.5A

2.5 Support Equipment

For AC Conduction:

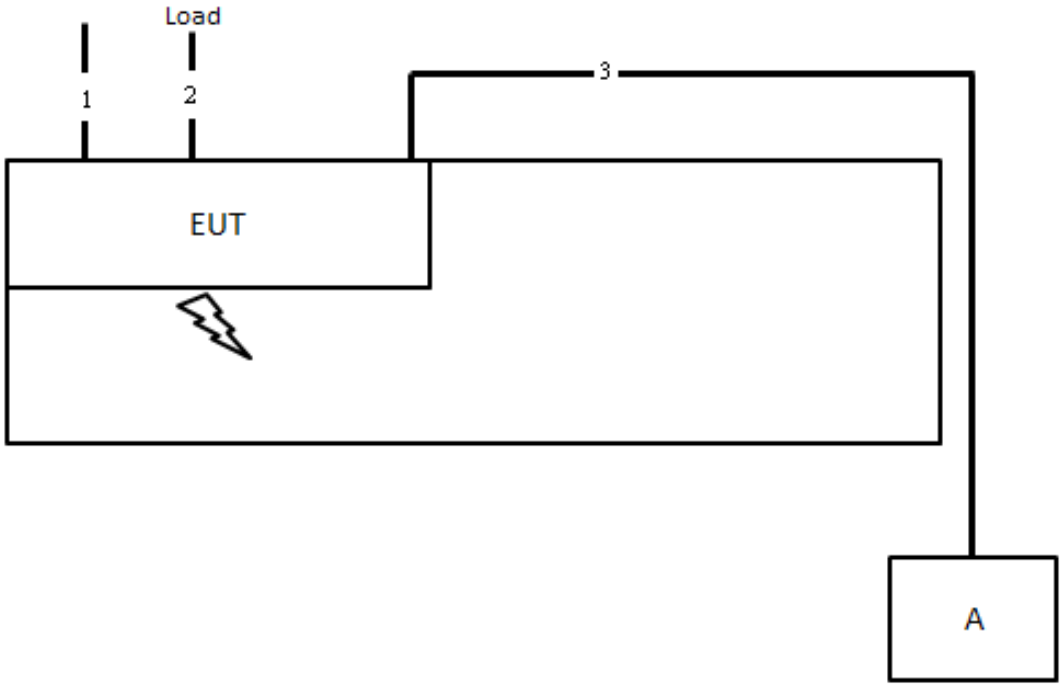
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	PP13S	N/A

For Radiated and RF Conducted:

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

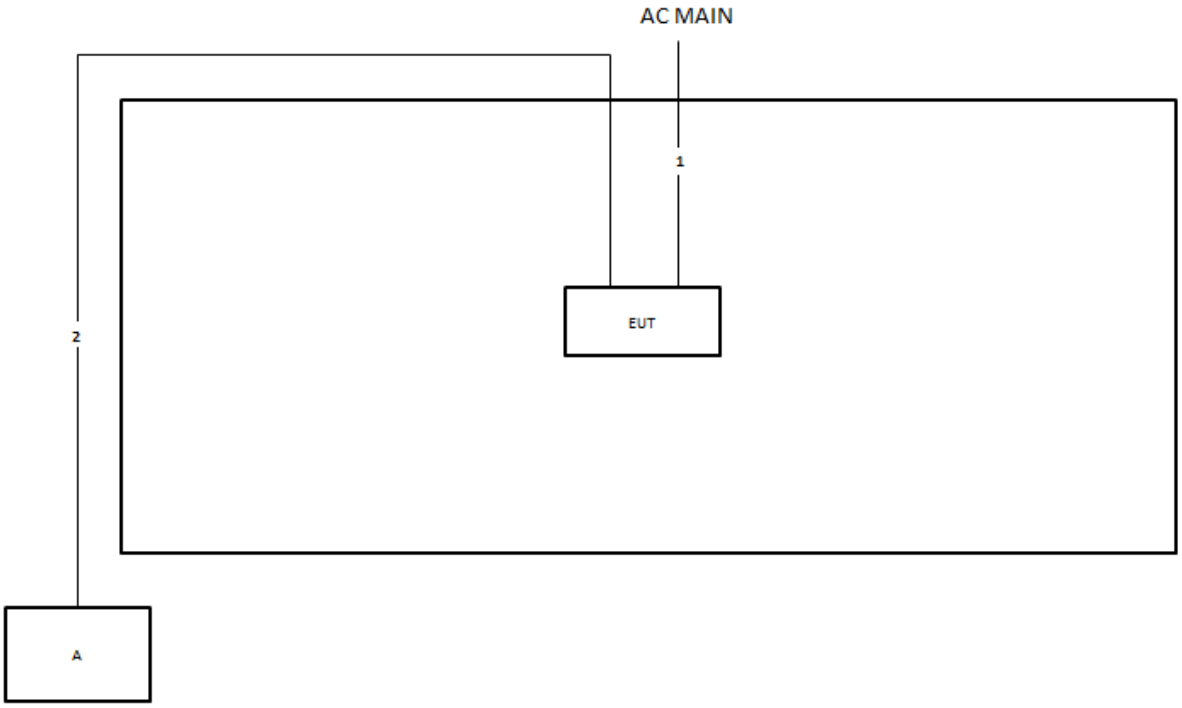
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

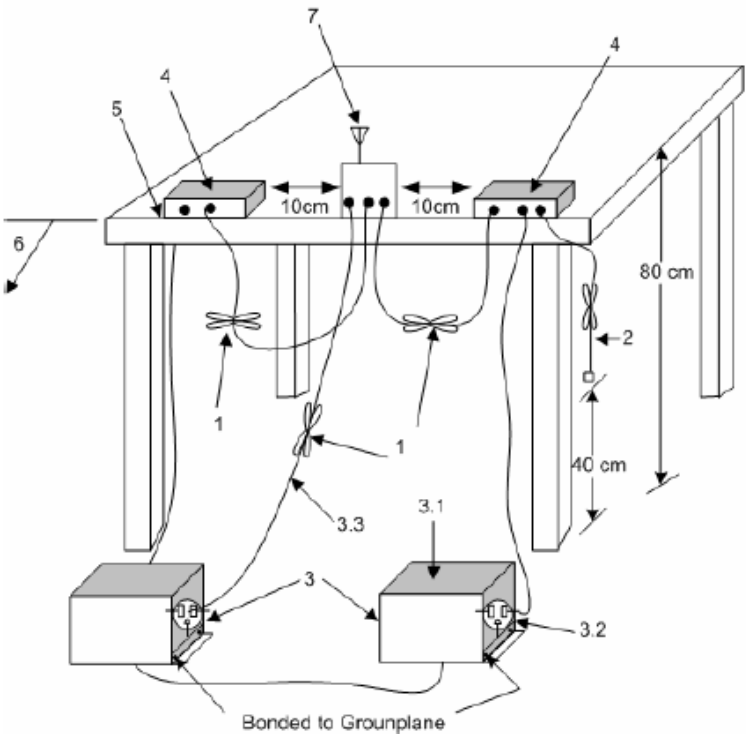
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

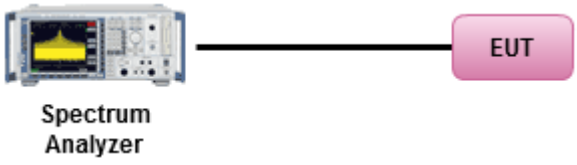
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

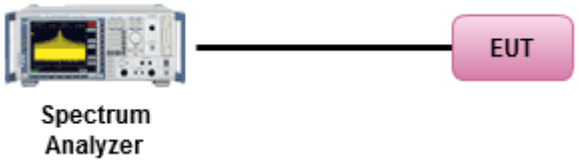
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement.	
	▪	If the EUT supports multiple transmit chains using options given below:
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.	
	▪	Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.

Test Method	
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

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

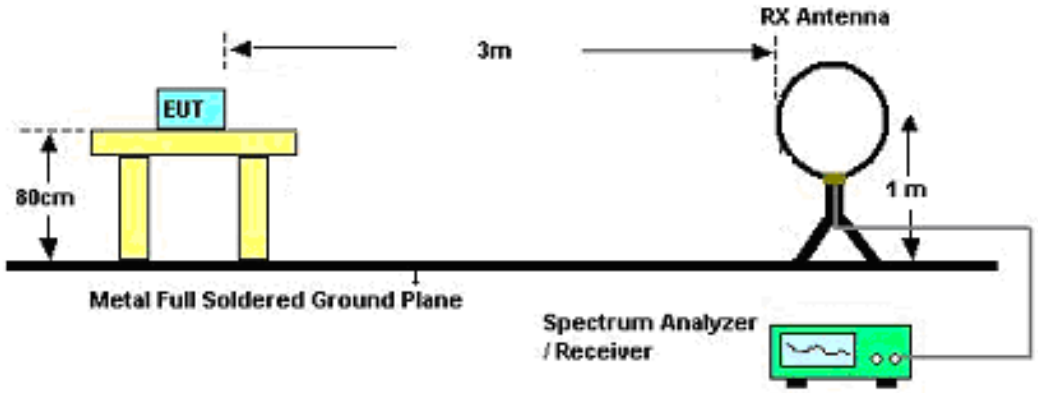
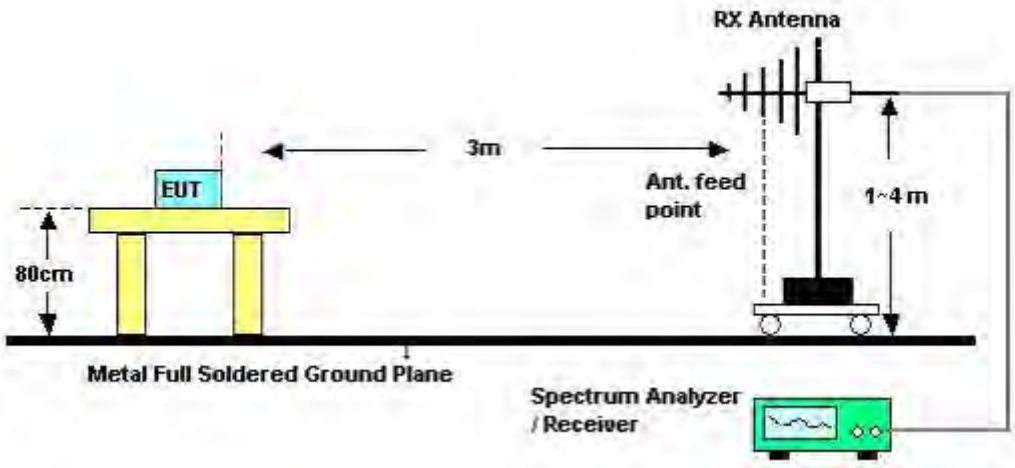
3.5.2 Measuring Instruments

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

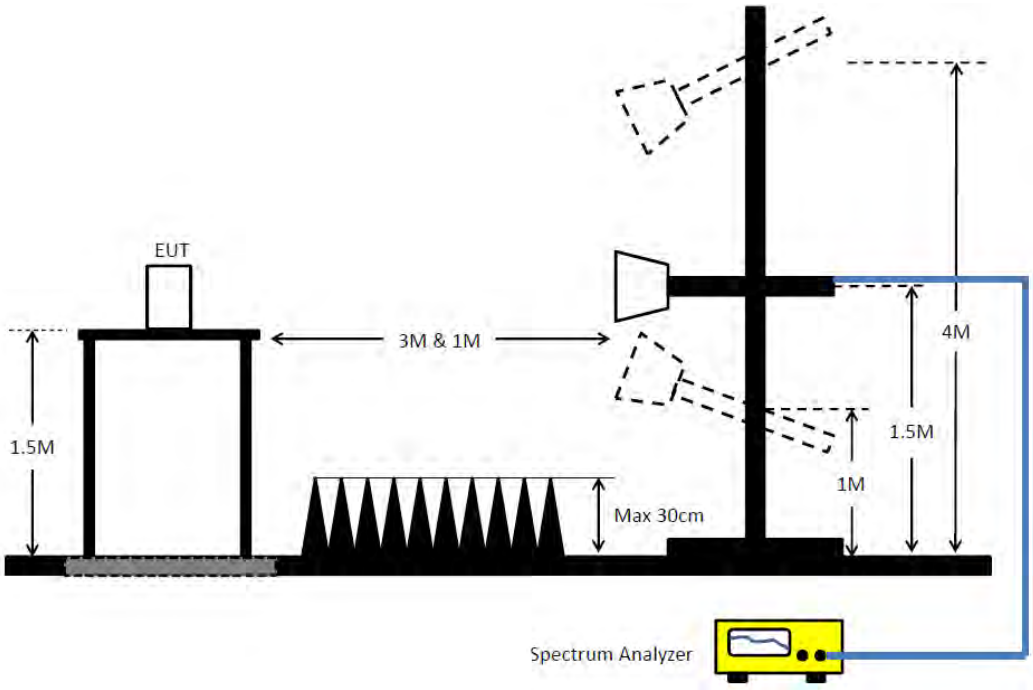
3.5.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 26, 2022	Jan. 25, 2023	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 21, 2022	Feb. 20, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 10, 2022	Jan. 09, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Sep. 30, 2022	Sep. 29, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 09, 2022	Aug. 08, 2023	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug 02, 2022	Aug 01, 2023	Radiation (03CH06-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-68	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

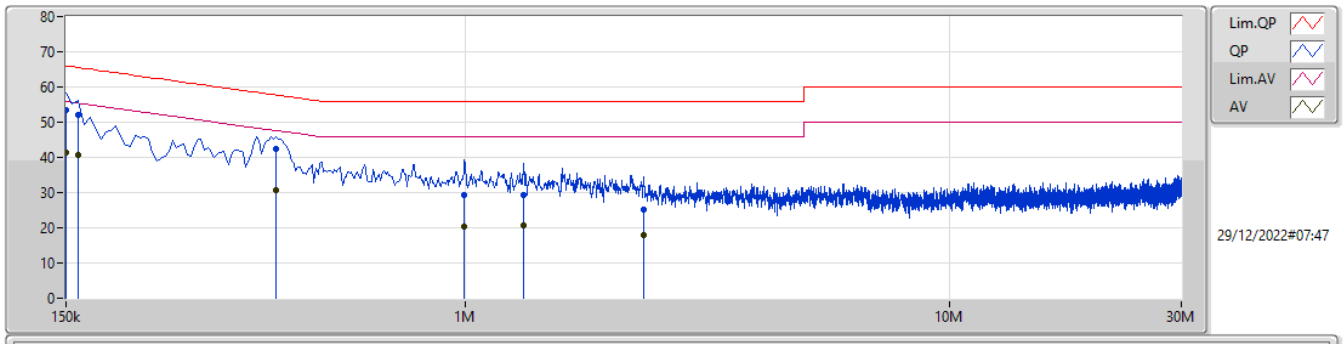
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

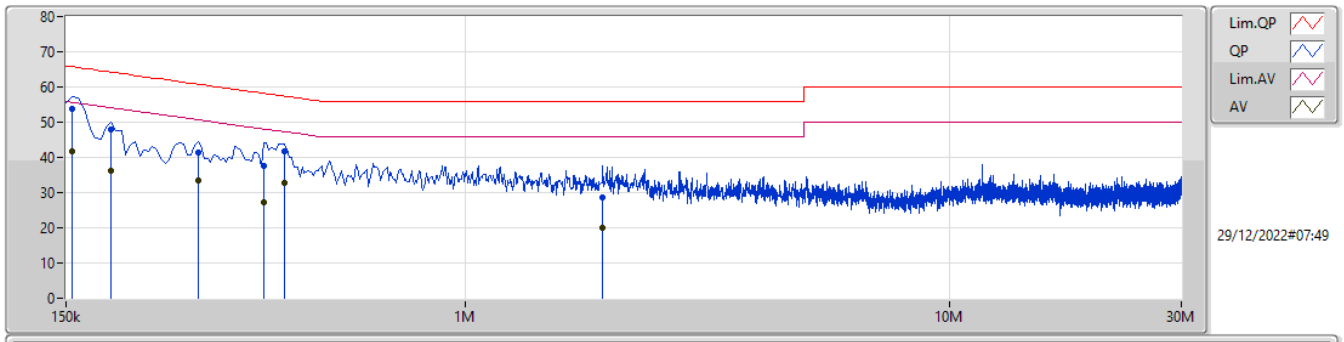
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.5k	53.95	65.75	-11.80	Neutral

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	53.37	66.00	-12.63	9.99	Line	"Worst"	43.38	0.06	0.04	9.89
AV	150k	41.38	56.00	-14.62	9.99	Line	-	31.39	0.06	0.04	9.89
QP	159k	52.16	65.52	-13.36	9.99	Line	-	42.17	0.06	0.04	9.89
AV	159k	40.72	55.52	-14.80	9.99	Line	-	30.73	0.06	0.04	9.89
QP	406.5k	42.55	57.72	-15.17	10.01	Line	-	32.54	0.06	0.06	9.89
AV	406.5k	30.82	47.72	-16.90	10.01	Line	-	20.81	0.06	0.06	9.89
QP	996k	29.38	56.00	-26.62	10.00	Line	-	19.38	0.07	0.04	9.89
AV	996k	20.41	46.00	-25.59	10.00	Line	-	10.41	0.07	0.04	9.89
QP	1.316M	29.28	56.00	-26.72	10.03	Line	-	19.25	0.08	0.06	9.89
AV	1.316M	20.83	46.00	-25.17	10.03	Line	-	10.80	0.08	0.06	9.89
QP	2.333M	25.31	56.00	-30.69	10.08	Line	-	15.23	0.10	0.09	9.89
AV	2.333M	17.88	46.00	-28.12	10.08	Line	-	7.80	0.10	0.09	9.89

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	53.95	65.75	-11.80	10.00	Neutral	"Worst"	43.95	0.07	0.04	9.89
AV	154.5k	41.74	55.75	-14.01	10.00	Neutral	-	31.74	0.07	0.04	9.89
QP	186k	47.86	64.20	-16.34	10.00	Neutral	-	37.86	0.07	0.04	9.89
AV	186k	36.04	54.20	-18.16	10.00	Neutral	-	26.04	0.07	0.04	9.89
QP	280.5k	41.45	60.80	-19.35	10.01	Neutral	-	31.44	0.07	0.05	9.89
AV	280.5k	33.33	50.80	-17.47	10.01	Neutral	-	23.32	0.07	0.05	9.89
QP	384k	37.49	58.20	-20.71	10.02	Neutral	-	27.47	0.07	0.06	9.89
AV	384k	27.32	48.20	-20.88	10.02	Neutral	-	17.30	0.07	0.06	9.89
QP	424.5k	41.57	57.36	-15.79	10.02	Neutral	-	31.55	0.07	0.06	9.89
AV	424.5k	32.85	47.36	-14.51	10.02	Neutral	-	22.83	0.07	0.06	9.89
QP	1.923M	28.59	56.00	-27.41	10.08	Neutral	-	18.51	0.10	0.09	9.89
AV	1.923M	20.10	46.00	-25.90	10.08	Neutral	-	10.02	0.10	0.09	9.89

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	42.12M	20.848M	20M8D1D	22.02M	16.776M
802.11ax HEW20_Nss1,(MCS0)_4TX	42M	21.469M	21M5D1D	21.75M	19.041M
802.11ax HEW40_Nss1,(MCS0)_4TX	56.7M	37.853M	37M9D1D	39.78M	37.494M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.48M	76.777M	76M8D1D	81M	76.691M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	21.454M	21M5D1D	15.69M	16.851M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.93M	20.921M	20M9D1D	18.54M	19.228M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.56M	59.013M	59M0D1D	36.42M	38.285M
802.11ax HEW80_Nss1,(MCS0)_4TX	76.2M	77.057M	77M1D1D	75.12M	76.916M

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

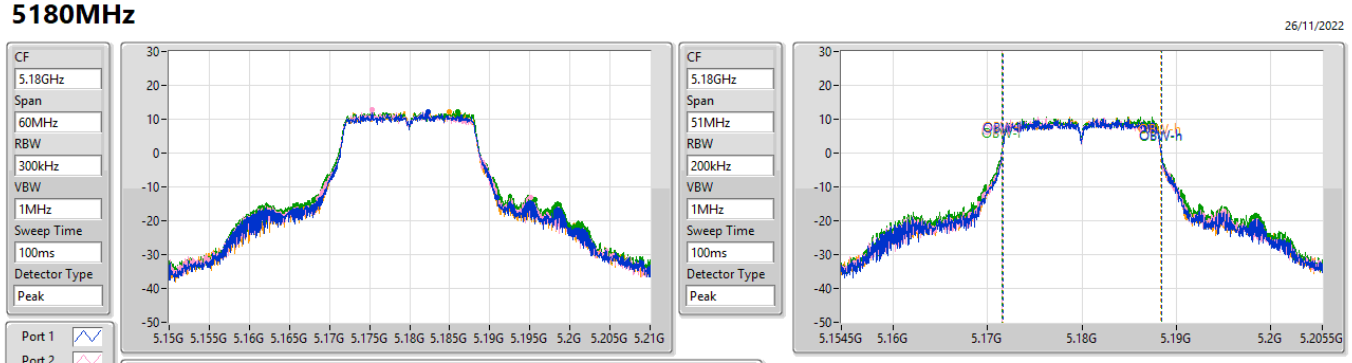
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.11M	16.836M	26.52M	16.868M	27.57M	17.004M	22.02M	16.776M
5200MHz	Pass	Inf	37.89M	18.694M	38.85M	19.347M	42.12M	20.848M	40.23M	19.11M
5240MHz	Pass	Inf	37.74M	18.307M	38.13M	18.816M	41.19M	20.12M	38.49M	18.157M
5745MHz	Pass	500k	16.29M	20.863M	16.32M	21.454M	16.29M	20.529M	16.32M	20.128M
5785MHz	Pass	500k	16.29M	17.22M	16.32M	17.621M	15.72M	17.371M	16.35M	17.257M
5825MHz	Pass	500k	16.32M	16.926M	16.32M	17.312M	15.69M	17.259M	16.32M	16.851M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.53M	19.041M	22.5M	19.06M	22.71M	19.094M	21.75M	19.12M
5200MHz	Pass	Inf	41.97M	20.824M	40.32M	20.039M	42M	21.469M	40.74M	21.156M
5240MHz	Pass	Inf	39.12M	19.453M	38.1M	19.49M	40.5M	19.788M	36.87M	19.462M
5745MHz	Pass	500k	18.54M	20.545M	18.69M	20.921M	18.69M	19.769M	18.87M	20.2M
5785MHz	Pass	500k	18.66M	19.235M	18.9M	19.256M	18.54M	19.269M	18.93M	19.312M
5825MHz	Pass	500k	18.87M	19.256M	18.9M	19.263M	18.57M	19.29M	18.93M	19.228M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.14M	37.525M	39.84M	37.555M	39.9M	37.559M	39.78M	37.494M
5230MHz	Pass	Inf	56.4M	37.853M	50.64M	37.806M	56.7M	37.832M	41.1M	37.716M
5755MHz	Pass	500k	37.56M	46.223M	36.96M	51.072M	37.44M	59.013M	36.42M	48.417M
5795MHz	Pass	500k	37.32M	38.285M	36.66M	39.494M	36.6M	45.136M	36.78M	38.351M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.691M	81M	76.777M	81.48M	76.704M	81.48M	76.697M
5775MHz	Pass	500k	75.84M	76.981M	75.24M	76.916M	75.12M	76.985M	76.2M	77.057M

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX EBW

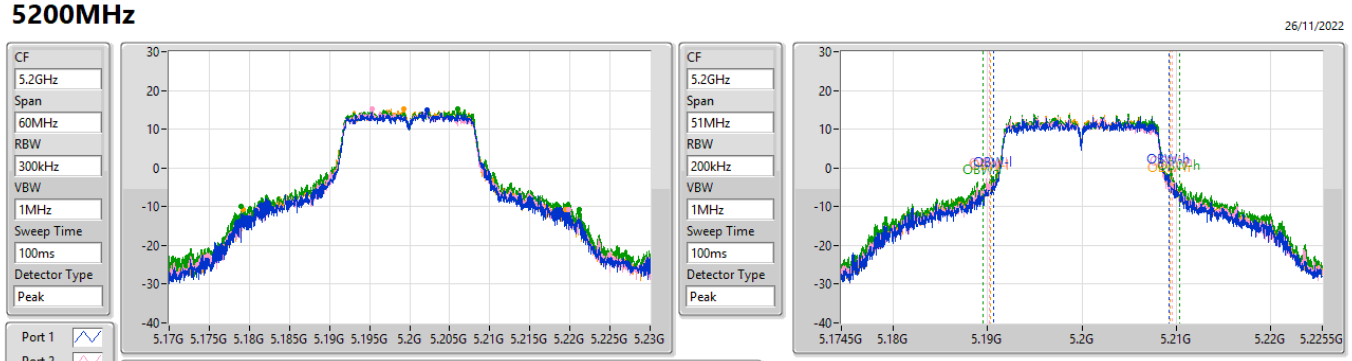
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.11M	5.16881G	5.19092G	16.836M	5.1716G	5.188436G	Inf	1
26.52M	5.16863G	5.19515G	16.868M	5.171543G	5.188411G	Inf	2
27.57M	5.168G	5.19557G	17.004M	5.171496G	5.188499G	Inf	3
22.02M	5.16887G	5.19089G	16.776M	5.171604G	5.18838G	Inf	4

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

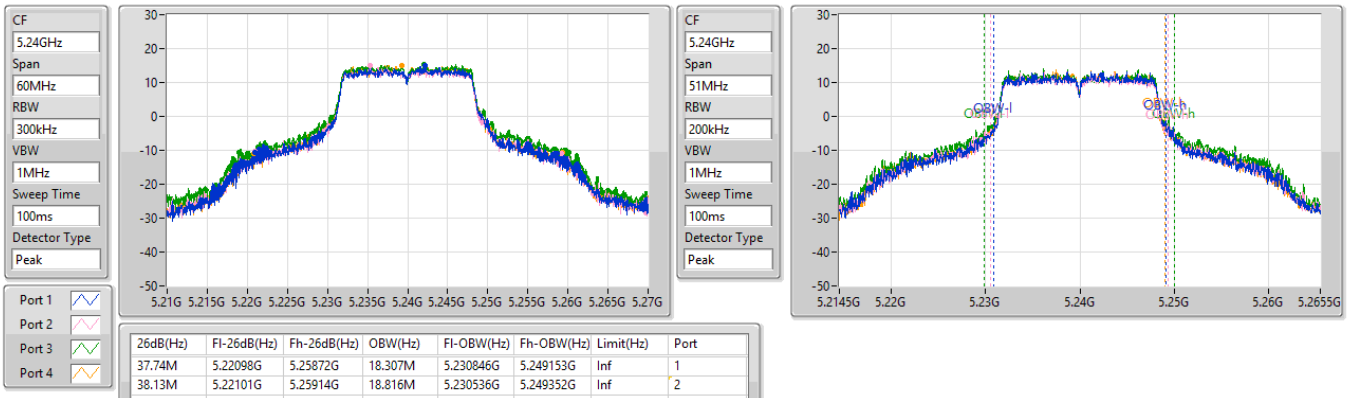


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.89M	5.18086G	5.21875G	18.694M	5.190605G	5.209299G	Inf	1
38.85M	5.18101G	5.21986G	19.347M	5.1902G	5.209547G	Inf	2
42.12M	5.17903G	5.22115G	20.848M	5.189505G	5.210353G	Inf	3
40.23M	5.17921G	5.21944G	19.11M	5.190262G	5.209372G	Inf	4

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

26/11/2022

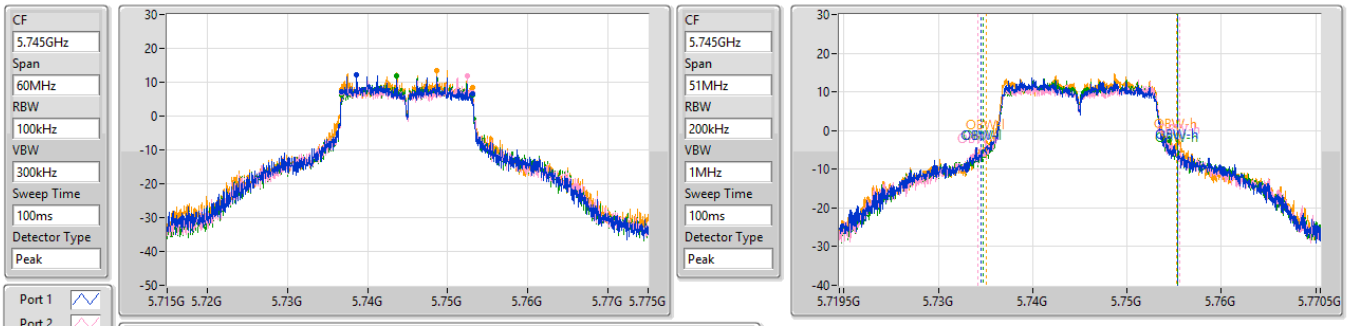


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.22098G	5.25872G	18.307M	5.230846G	5.249153G	Inf	1
38.13M	5.22101G	5.25914G	18.816M	5.230536G	5.249352G	Inf	2
41.19M	5.21897G	5.26016G	20.12M	5.229856G	5.249976G	Inf	3
38.49M	5.2208G	5.25929G	18.157M	5.230846G	5.249003G	Inf	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

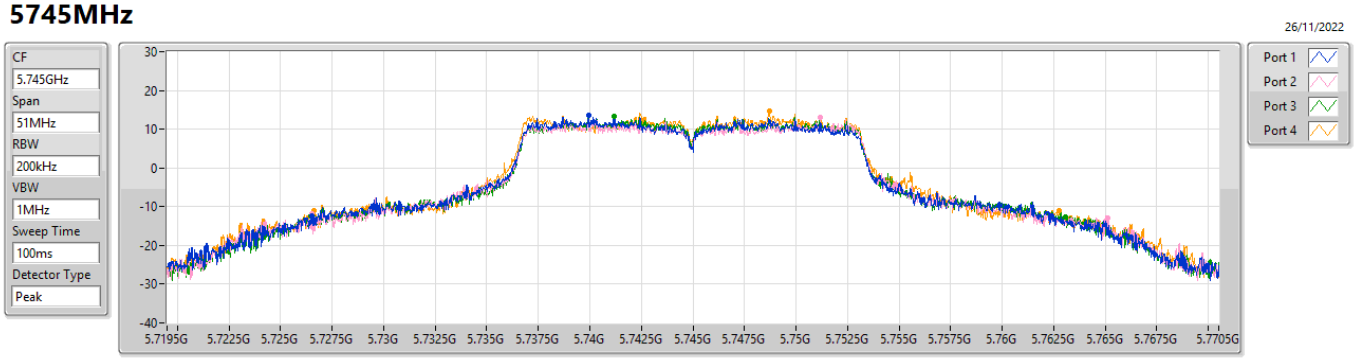
26/11/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73678G	5.75307G	20.863M	5.734484G	5.755347G	500k	1
16.32M	5.73678G	5.7531G	21.454M	5.734176G	5.75563G	500k	2
16.29M	5.73681G	5.7531G	20.529M	5.734788G	5.755317G	500k	3
16.32M	5.73675G	5.75307G	20.128M	5.735084G	5.755212G	500k	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX EBW

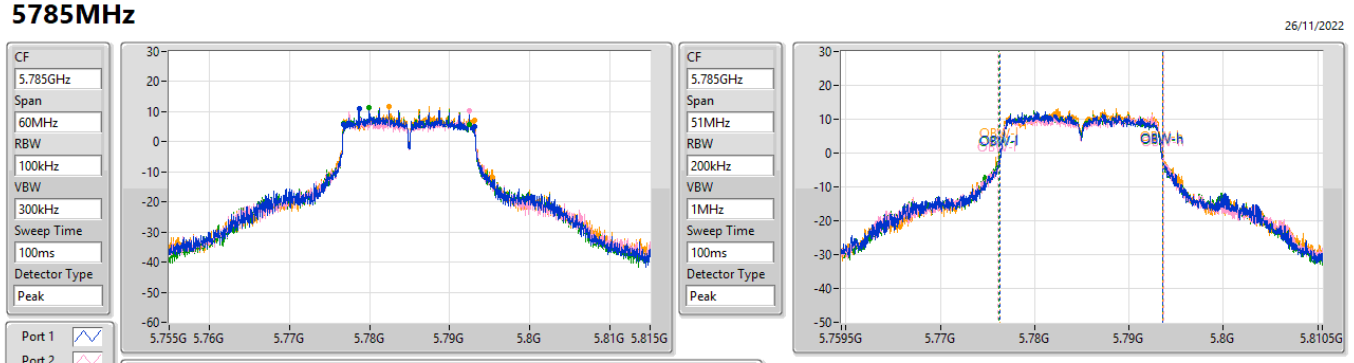
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.853M	5.726538G	5.762391G	Inf	1
38.582M	5.726538G	5.76512G	Inf	2
36.567M	5.726487G	5.763054G	Inf	3
36.159M	5.726615G	5.762774G	Inf	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX EBW

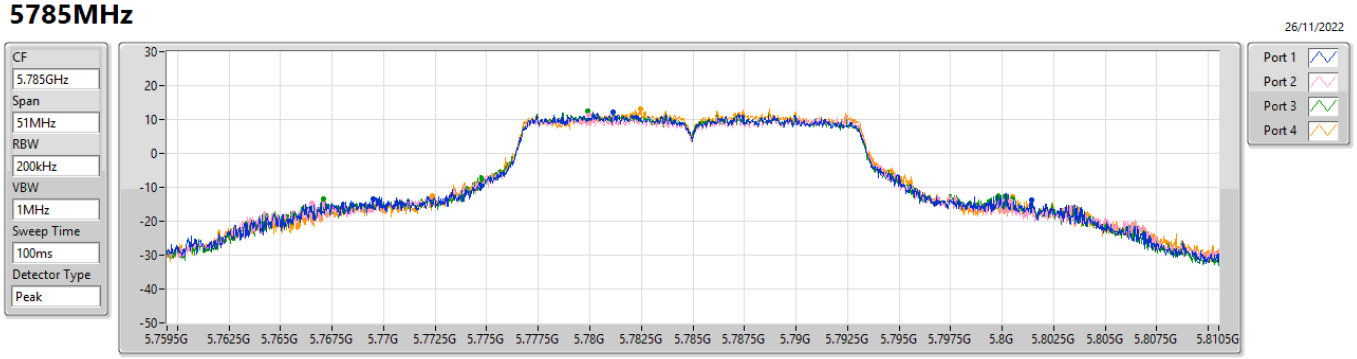
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77678G	5.79307G	17.22M	5.776332G	5.793552G	500k	1
16.32M	5.77678G	5.7931G	17.621M	5.776104G	5.793725G	500k	2
15.72M	5.77678G	5.7925G	17.371M	5.776174G	5.793545G	500k	3
16.35M	5.77675G	5.7931G	17.257M	5.776352G	5.793609G	500k	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

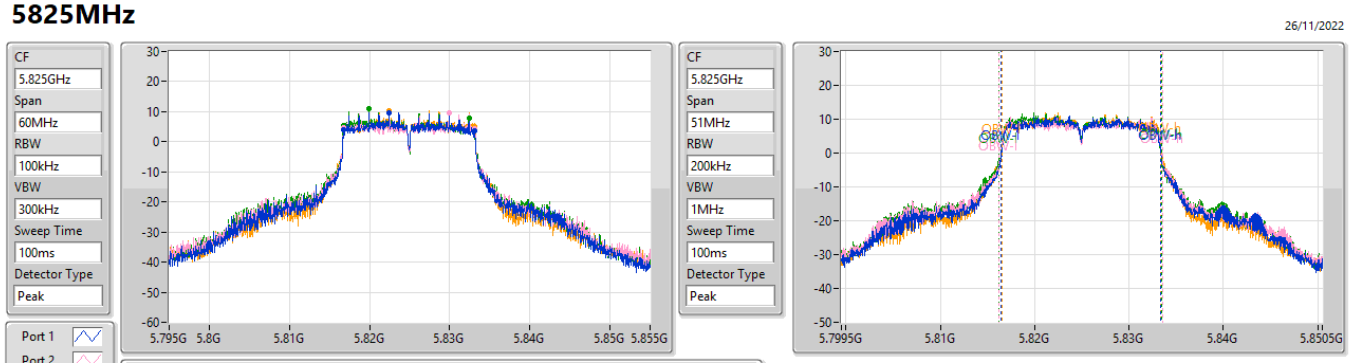
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
31.952M	5.769471G	5.801422G	Inf	1
33.89M	5.766513G	5.800402G	Inf	2
33.431M	5.767099G	5.80053G	Inf	3
28.127M	5.772378G	5.800504G	Inf	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

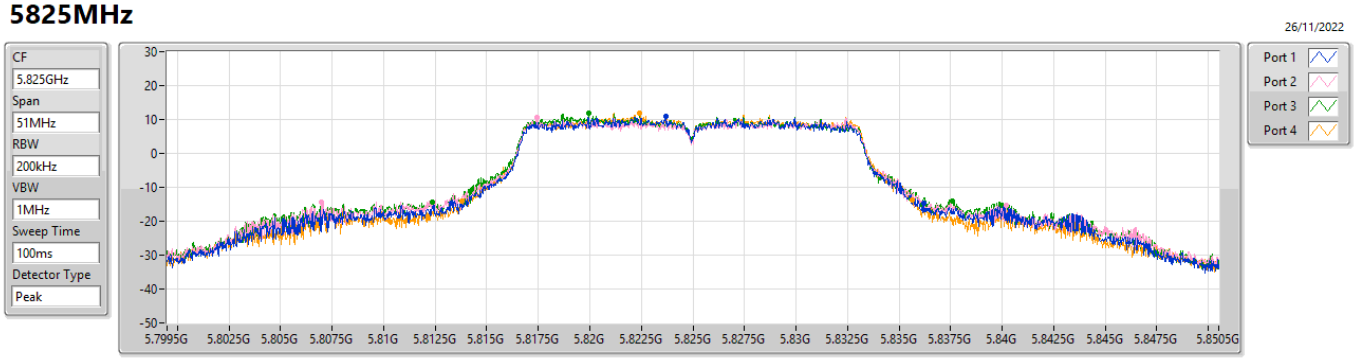
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81678G	5.8331G	16.926M	5.816478G	5.833404G	500k	1
16.32M	5.81678G	5.8331G	17.312M	5.816216G	5.833528G	500k	2
15.69M	5.81678G	5.83247G	17.259M	5.816153G	5.833412G	500k	3
16.32M	5.81678G	5.8331G	16.851M	5.816523G	5.833374G	500k	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX EBW

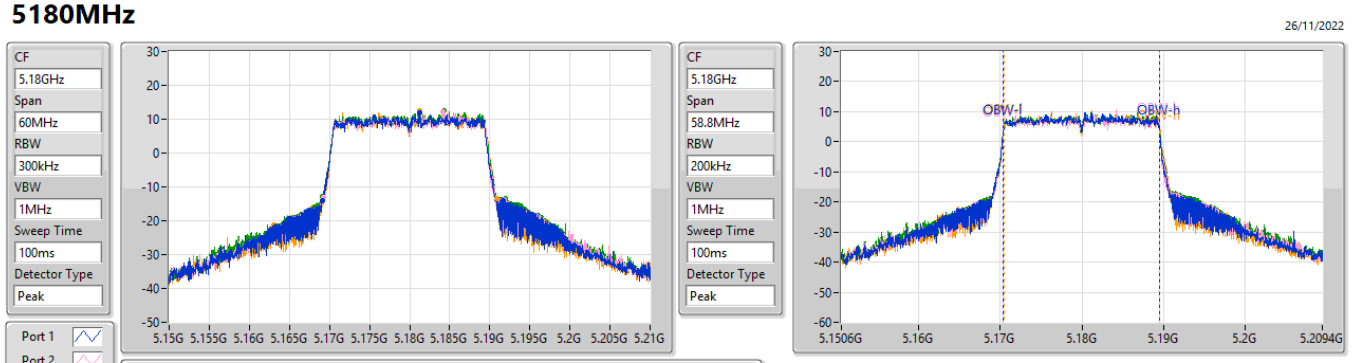
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.95M	5.81327G	5.83622G	Inf	1
33.201M	5.806997G	5.840198G	Inf	2
25.22M	5.812352G	5.837572G	Inf	3
21.854M	5.813806G	5.835659G	Inf	4

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

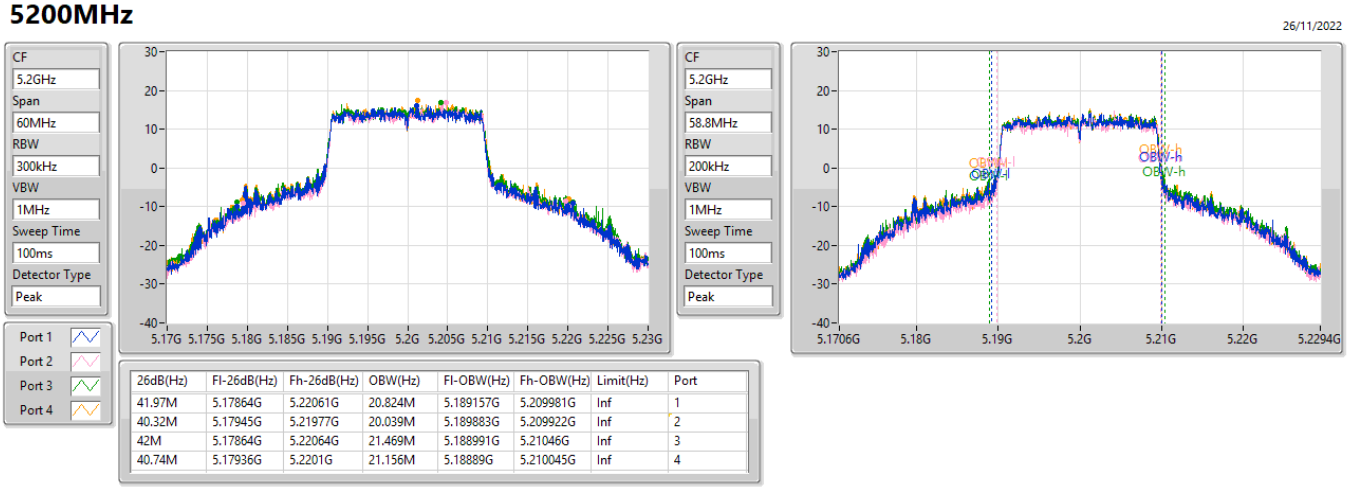
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.53M	5.16911G	5.19164G	19.041M	5.170421G	5.189462G	Inf	1
22.5M	5.16926G	5.19176G	19.06M	5.170431G	5.189491G	Inf	2
22.71M	5.16917G	5.19188G	19.094M	5.170421G	5.189516G	Inf	3
21.75M	5.16917G	5.19092G	19.12M	5.170443G	5.189562G	Inf	4

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

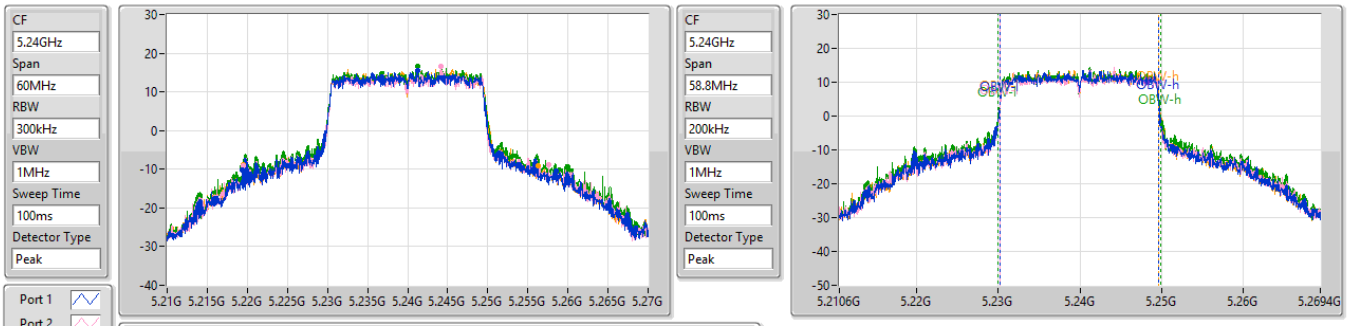
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.97M	5.17864G	5.22061G	20.824M	5.189157G	5.209981G	Inf	1
40.32M	5.17945G	5.21977G	20.039M	5.189883G	5.209922G	Inf	2
42M	5.17864G	5.22064G	21.469M	5.188991G	5.21046G	Inf	3
40.74M	5.17936G	5.2201G	21.156M	5.18889G	5.210045G	Inf	4

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

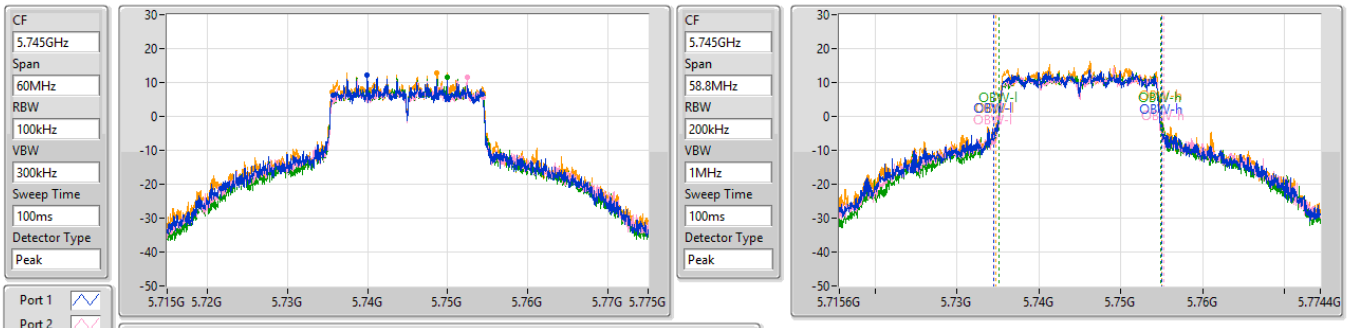


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.12M	5.21942G	5.25854G	19.453M	5.230181G	5.249634G	Inf	1
38.1M	5.21951G	5.25761G	19.49M	5.230187G	5.249677G	Inf	2
40.5M	5.21942G	5.25992G	19.788M	5.230037G	5.249825G	Inf	3
36.87M	5.21948G	5.25635G	19.462M	5.230219G	5.24968G	Inf	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

26/11/2022

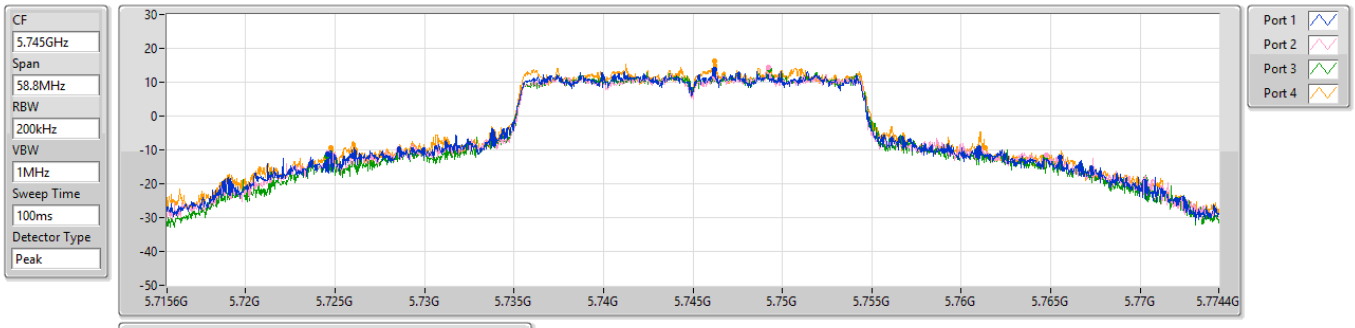


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.54M	5.7357G	5.75424G	20.545M	5.734466G	5.755011G	500k	1
18.69M	5.73573G	5.75442G	20.921M	5.734417G	5.755338G	500k	2
18.69M	5.73573G	5.75442G	19.769M	5.735147G	5.754916G	500k	3
18.87M	5.73555G	5.75442G	20.2M	5.734753G	5.754953G	500k	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

26/11/2022

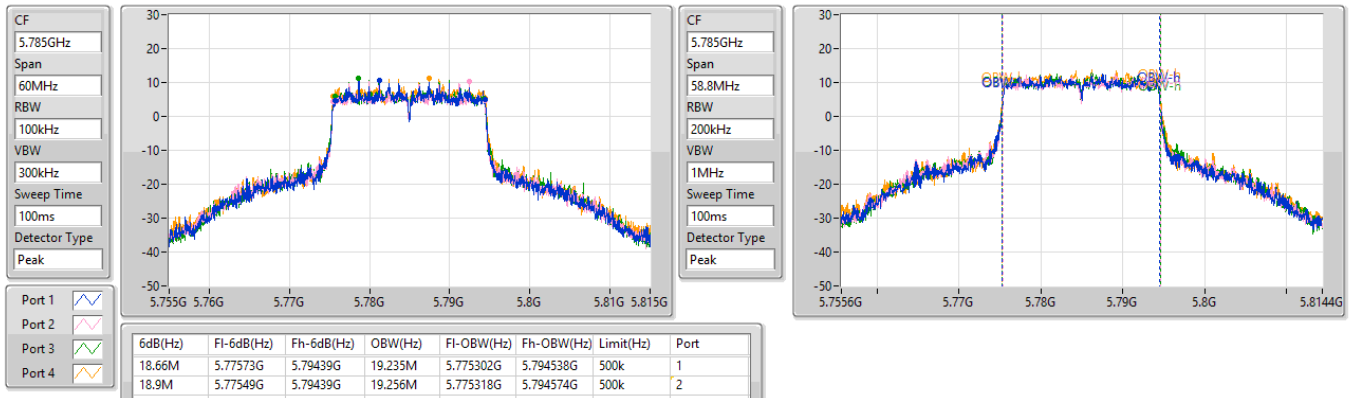


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
40.925M	5.724596G	5.765521G	Inf	1
40.16M	5.724596G	5.764757G	Inf	2
40.16M	5.724538G	5.764698G	Inf	3
36.603M	5.724743G	5.761346G	Inf	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

26/11/2022

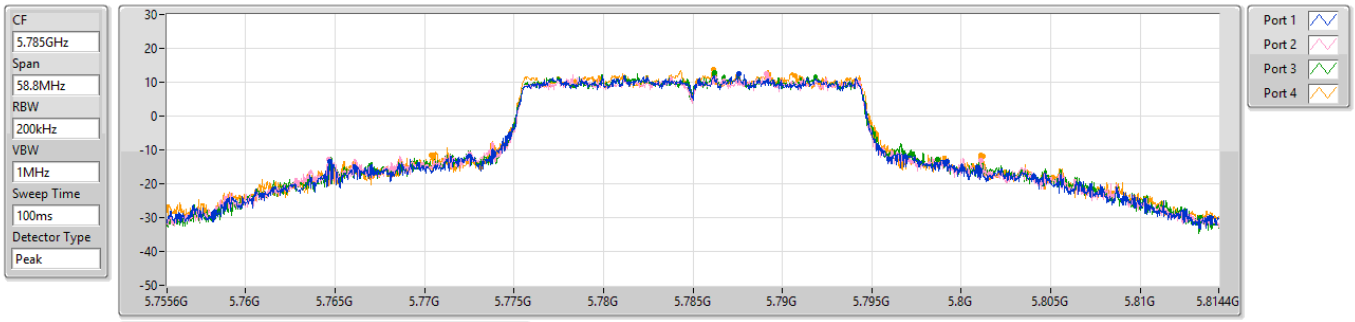


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.66M	5.77573G	5.79439G	19.235M	5.775302G	5.794538G	500k	1
18.9M	5.77549G	5.79439G	19.256M	5.775318G	5.794574G	500k	2
18.54M	5.77576G	5.7943G	19.269M	5.775299G	5.794568G	500k	3
18.93M	5.77549G	5.79442G	19.312M	5.775296G	5.794608G	500k	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

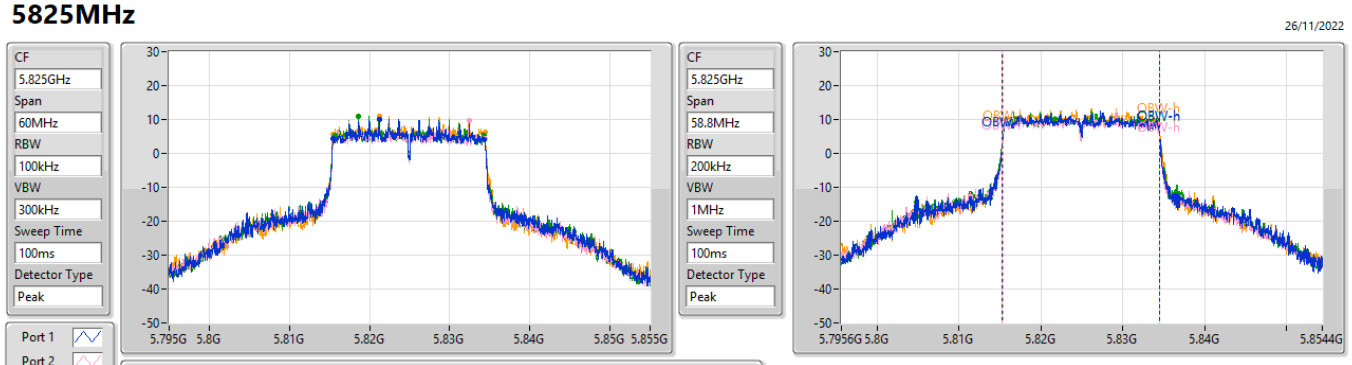
26/11/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
34.545M	5.764685G	5.79923G	Inf	1
36.427M	5.764655G	5.801082G	Inf	2
33.986M	5.764714G	5.7987G	Inf	3
30.841M	5.770359G	5.801199G	Inf	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

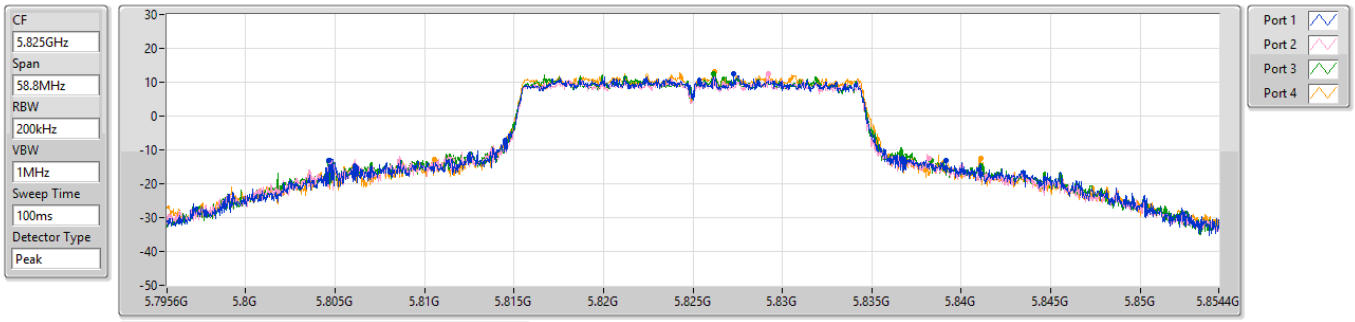
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.81549G	5.83436G	19.256M	5.815277G	5.834534G	500k	1
18.9M	5.81549G	5.83439G	19.263M	5.815276G	5.83454G	500k	2
18.57M	5.81567G	5.83424G	19.29M	5.81525G	5.83454G	500k	3
18.93M	5.81546G	5.83439G	19.228M	5.815323G	5.834551G	500k	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

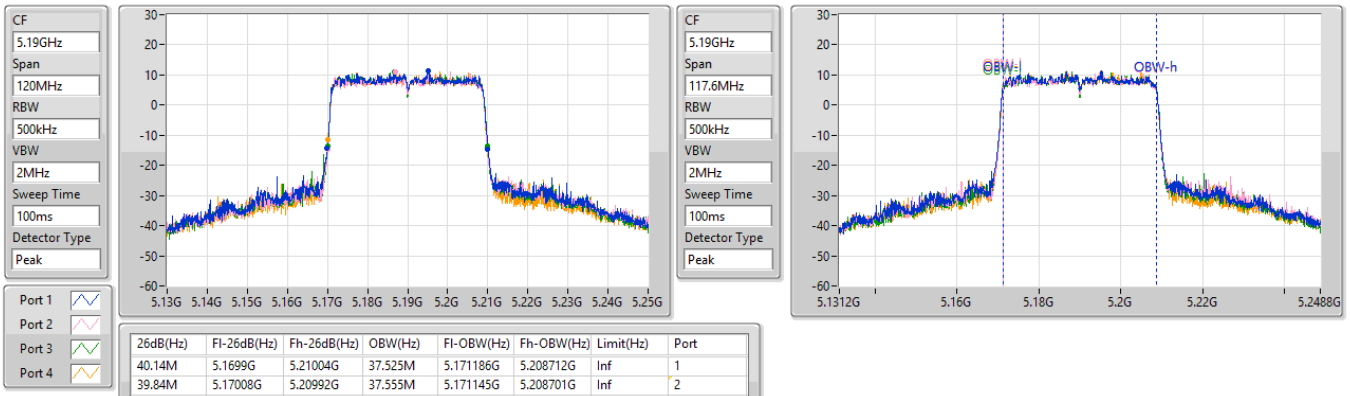
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
34.516M	5.804626G	5.839141G	Inf	1
33.545M	5.804685G	5.83823G	Inf	2
33.692M	5.804626G	5.838318G	Inf	3
30.517M	5.810565G	5.841082G	Inf	4

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

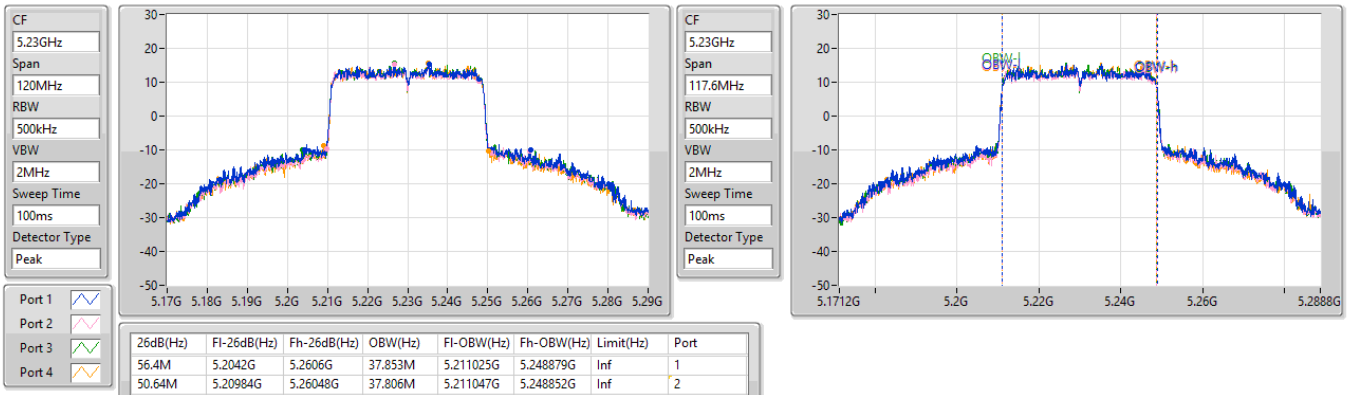
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.1699G	5.21004G	37.525M	5.171186G	5.208712G	Inf	1
39.84M	5.17008G	5.20992G	37.555M	5.171145G	5.208701G	Inf	2
39.9M	5.17008G	5.20998G	37.559M	5.171183G	5.208742G	Inf	3
39.78M	5.17008G	5.20986G	37.494M	5.171177G	5.208671G	Inf	4

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

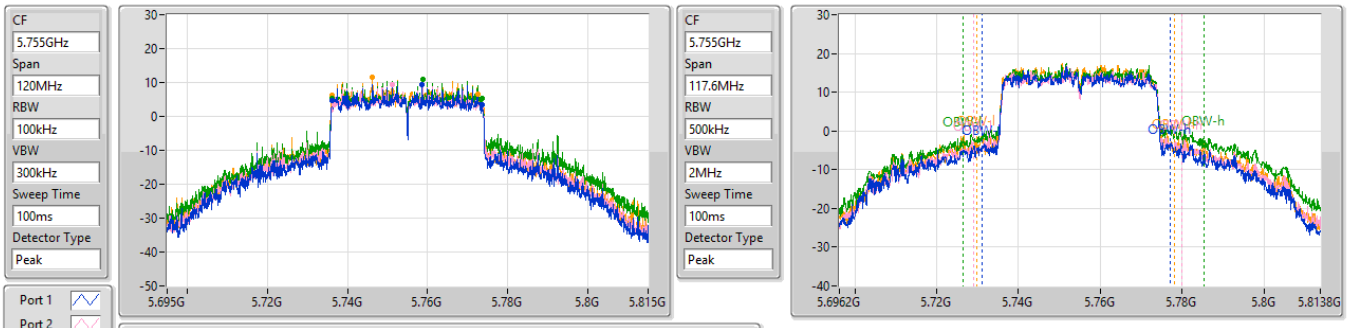


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.4M	5.2042G	5.2606G	37.853M	5.211025G	5.248879G	Inf	1
50.64M	5.20984G	5.26048G	37.806M	5.211047G	5.248852G	Inf	2
56.7M	5.20378G	5.26048G	37.832M	5.211035G	5.248867G	Inf	3
41.1M	5.20912G	5.25022G	37.716M	5.211069G	5.248785G	Inf	4

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

26/11/2022

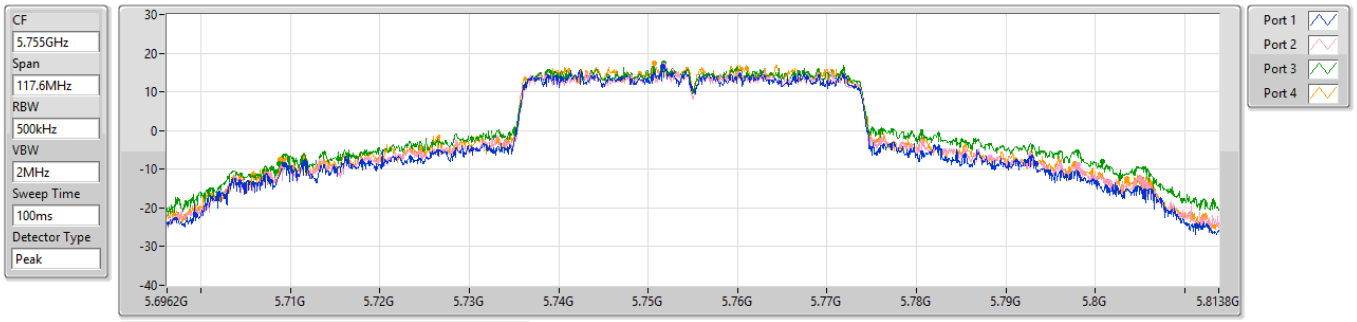


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.73616G	5.77372G	46.223M	5.730993G	5.777217G	500k	1
36.96M	5.73676G	5.77372G	51.072M	5.728965G	5.780037G	500k	2
37.44M	5.73622G	5.77366G	59.013M	5.726315G	5.785328G	500k	3
36.42M	5.7361G	5.77252G	48.417M	5.729687G	5.778104G	500k	4

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

26/11/2022

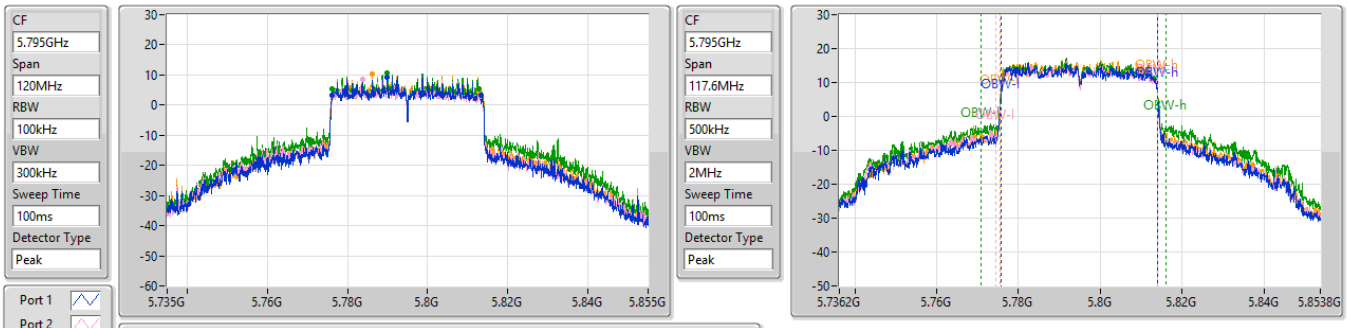


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
83.966M	5.709371G	5.793338G	Inf	1
88.847M	5.709195G	5.798042G	Inf	2
91.963M	5.708783G	5.800746G	Inf	3
88.847M	5.708901G	5.797748G	Inf	4

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

26/11/2022

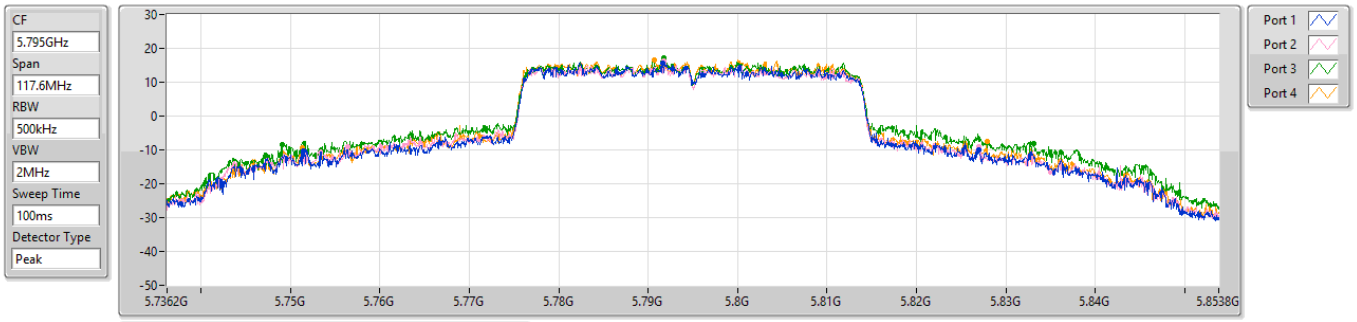


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.32M	5.7761G	5.81342G	38.285M	5.77562G	5.813906G	500k	1
36.66M	5.77628G	5.81294G	39.494M	5.774425G	5.813919G	500k	2
36.6M	5.77622G	5.81282G	45.136M	5.770917G	5.816053G	500k	3
36.78M	5.7761G	5.81288G	38.351M	5.775574G	5.813926G	500k	4

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

26/11/2022



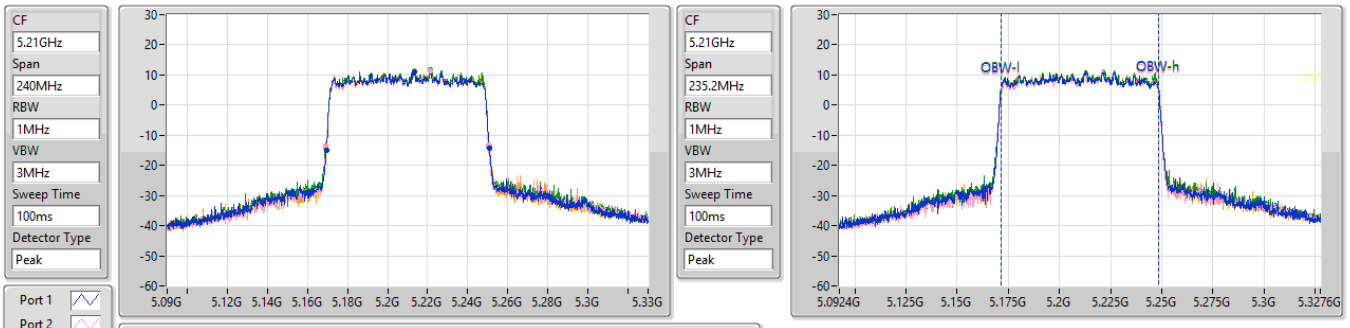
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
75.44M	5.751488G	5.826928G	Inf	1
70.56M	5.756427G	5.826987G	Inf	2
84.025M	5.749136G	5.833161G	Inf	3
76.499M	5.75137G	5.827869G	Inf	4

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

26/11/2022



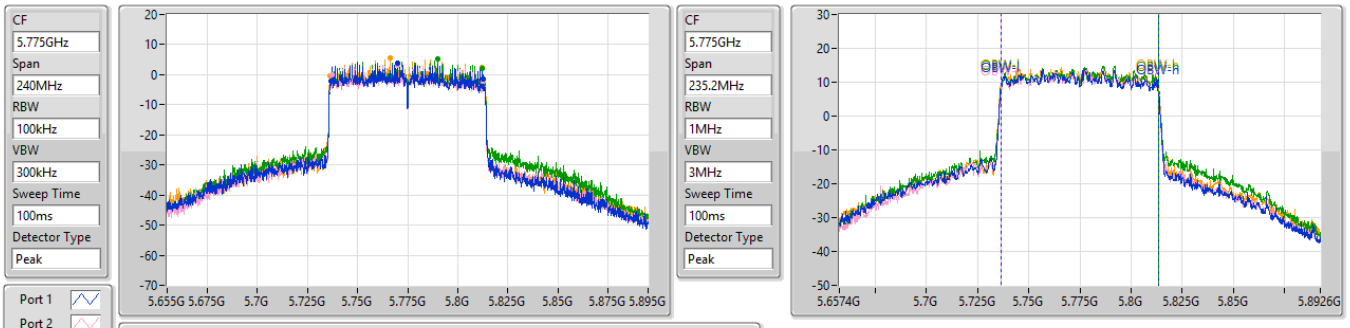
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16956G	5.2508G	76.691M	5.171671G	5.248362G	Inf	1
81M	5.16932G	5.25032G	76.777M	5.171648G	5.248424G	Inf	2
81.48M	5.16908G	5.25056G	76.704M	5.171691G	5.248395G	Inf	3
81.48M	5.1692G	5.25068G	76.697M	5.171645G	5.248342G	Inf	4

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

26/11/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.84M	5.73684G	5.81268G	76.981M	5.736306G	5.813287G	500k	1
75.24M	5.73732G	5.81256G	76.916M	5.736463G	5.813378G	500k	2
75.12M	5.73732G	5.81244G	76.985M	5.736429G	5.813414G	500k	3
76.2M	5.73624G	5.81244G	77.057M	5.736294G	5.813351G	500k	4

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5775MHz

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
81.262M	5.73431G	5.815572G	Inf	1
81.379M	5.734193G	5.815572G	Inf	2
91.14M	5.726078G	5.817218G	Inf	3
81.967M	5.733722G	5.81569G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.37	0.86497
802.11ax HEW20_Nss1,(MCS0)_4TX	29.55	0.90157
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.55	0.90157
802.11ax HEW40_Nss1,(MCS0)_4TX	28.28	0.67298
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.28	0.67298
802.11ax HEW80_Nss1,(MCS0)_4TX	23.67	0.23281
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.67	0.23281
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.95	0.78524
802.11ax HEW20_Nss1,(MCS0)_4TX	28.79	0.75683
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.79	0.75683
802.11ax HEW40_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ax HEW80_Nss1,(MCS0)_4TX	26.59	0.45604
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.59	0.45604

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.90	20.49	20.44	20.83	20.94	26.70	30.00
5200MHz	Pass	4.90	23.09	23.04	23.66	23.58	29.37	30.00
5240MHz	Pass	4.90	22.93	22.77	23.69	23.65	29.30	30.00
5745MHz	Pass	3.66	22.65	22.39	22.9	23.67	28.95	30.00
5785MHz	Pass	3.66	21.86	21.4	21.91	22.56	27.97	30.00
5825MHz	Pass	3.66	20.55	20.4	21.08	21.34	26.88	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.90	18.9	18.78	19.47	19.18	25.11	30.00
5200MHz	Pass	4.90	23.36	22.99	23.81	23.9	29.55	30.00
5240MHz	Pass	4.90	22.73	22.48	23.38	23.39	29.03	30.00
5745MHz	Pass	3.66	22.47	22.43	22.49	23.57	28.79	30.00
5785MHz	Pass	3.66	21.54	21.33	21.84	22.51	27.85	30.00
5825MHz	Pass	3.66	20.98	21.04	21.33	21.99	27.37	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.90	18.07	17.87	18.2	18.22	24.11	30.00
5230MHz	Pass	4.90	22.35	21.77	22.44	22.46	28.28	30.00
5755MHz	Pass	3.66	23.28	23.32	24.4	24.66	29.98	30.00
5795MHz	Pass	3.66	22.86	22.78	23.81	23.89	29.39	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.90	17.5	17.24	18	17.82	23.67	30.00
5775MHz	Pass	3.66	20.07	19.91	21.04	21.12	26.59	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.13	18.9	18.78	19.47	19.18	25.11	30.00
5200MHz	Pass	5.13	23.36	22.99	23.81	23.9	29.55	30.00
5240MHz	Pass	5.13	22.73	22.48	23.38	23.39	29.03	30.00
5745MHz	Pass	4.42	22.47	22.43	22.49	23.57	28.79	30.00
5785MHz	Pass	4.42	21.54	21.33	21.84	22.51	27.85	30.00
5825MHz	Pass	4.42	20.98	21.04	21.33	21.99	27.37	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.13	18.07	17.87	18.2	18.22	24.11	30.00
5230MHz	Pass	5.13	22.35	21.77	22.44	22.46	28.28	30.00
5755MHz	Pass	4.42	23.28	23.32	24.4	24.66	29.98	30.00
5795MHz	Pass	4.42	22.86	22.78	23.81	23.89	29.39	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.13	17.5	17.24	18	17.82	23.67	30.00
5775MHz	Pass	4.42	20.07	19.91	21.04	21.12	26.59	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.42
802.11ax HEW20_Nss1,(MCS0)_4TX	15.98
802.11ax HEW40_Nss1,(MCS0)_4TX	12.03
802.11ax HEW80_Nss1,(MCS0)_4TX	4.84
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.70
802.11ax HEW20_Nss1,(MCS0)_4TX	14.15
802.11ax HEW40_Nss1,(MCS0)_4TX	12.38
802.11ax HEW80_Nss1,(MCS0)_4TX	6.48

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

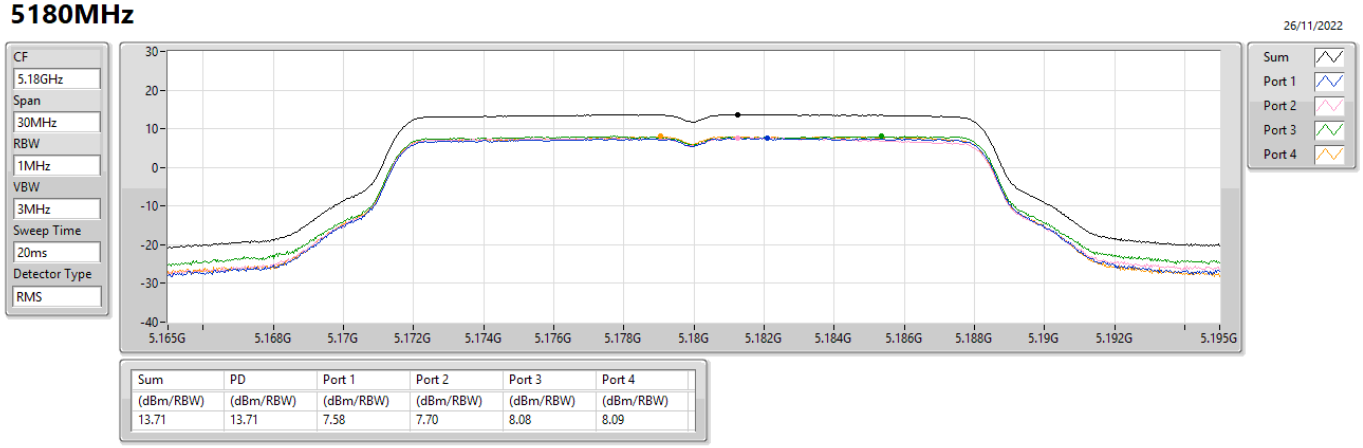
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.13	7.58	7.70	8.08	8.09	13.71	17.00
5200MHz	Pass	5.13	10.26	10.32	10.67	10.89	16.40	17.00
5240MHz	Pass	5.13	10.23	10.11	10.89	11.06	16.42	17.00
5745MHz	Pass	4.42	9.01	8.08	8.88	10.42	14.70	30.00
5785MHz	Pass	4.42	8.21	7.06	8.08	9.03	13.95	30.00
5825MHz	Pass	4.42	6.95	6.23	7.44	7.82	12.87	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.13	5.44	5.54	6.08	5.86	11.55	17.00
5200MHz	Pass	5.13	9.94	9.61	10.45	10.56	15.98	17.00
5240MHz	Pass	5.13	9.38	9.11	10.01	10.14	15.57	17.00
5745MHz	Pass	4.42	8.06	7.69	7.94	10.08	14.15	30.00
5785MHz	Pass	4.42	7.28	6.92	7.44	8.32	12.95	30.00
5825MHz	Pass	4.42	6.67	6.39	7.09	7.85	12.67	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.13	1.83	1.79	1.98	2.12	7.80	17.00
5230MHz	Pass	5.13	6.19	5.70	6.41	6.44	12.03	17.00
5755MHz	Pass	4.42	6.12	5.87	6.90	7.97	12.38	30.00
5795MHz	Pass	4.42	5.80	5.59	6.42	6.86	11.77	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.13	-1.22	-1.46	-0.59	-0.87	4.84	17.00
5775MHz	Pass	4.42	0.48	0.14	1.24	2.01	6.48	30.00

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX PSD

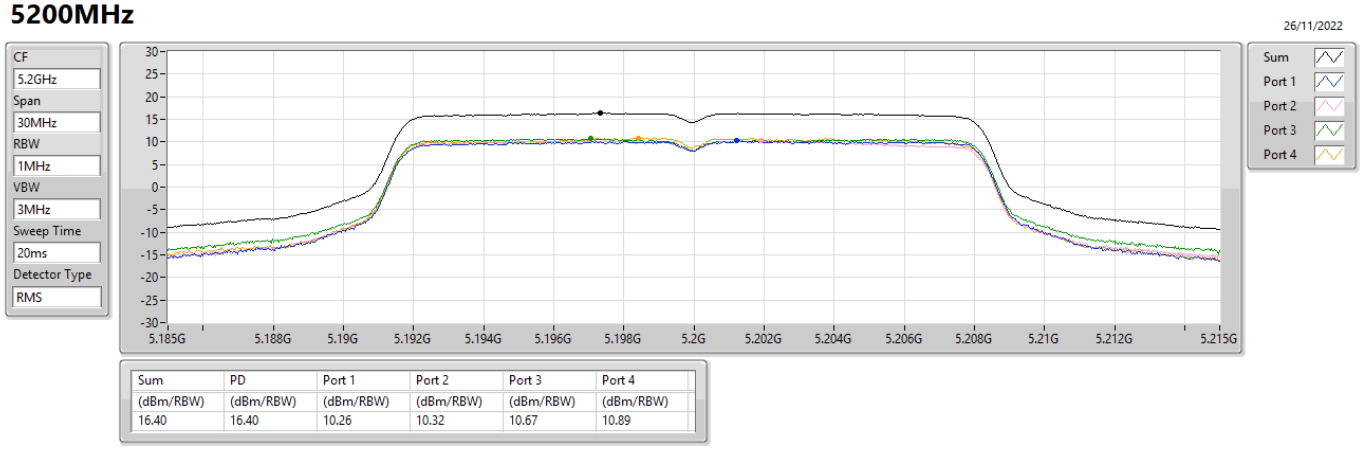
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.71	13.71	7.58	7.70	8.08	8.09

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX PSD

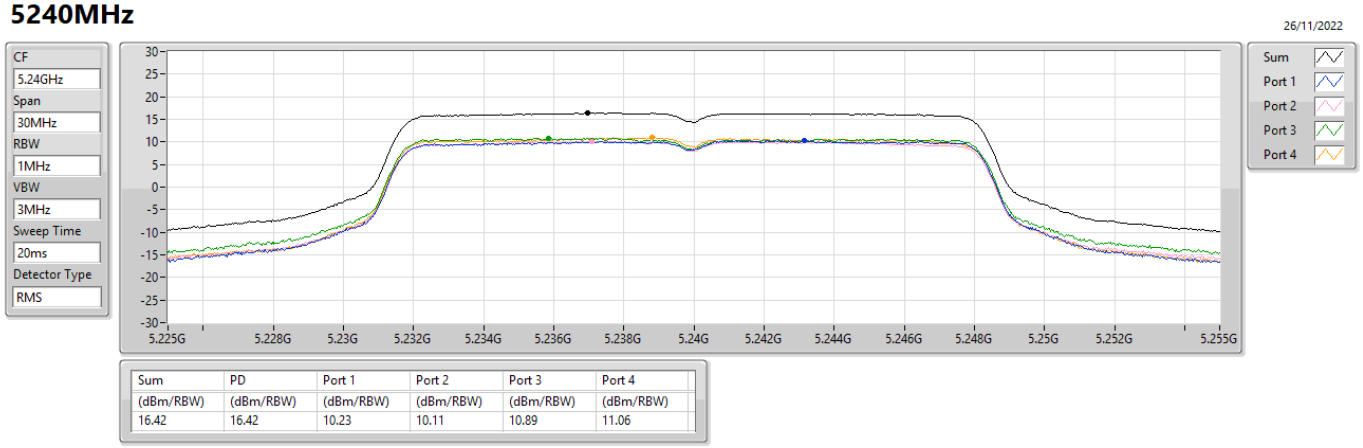
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.40	16.40	10.26	10.32	10.67	10.89

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX PSD

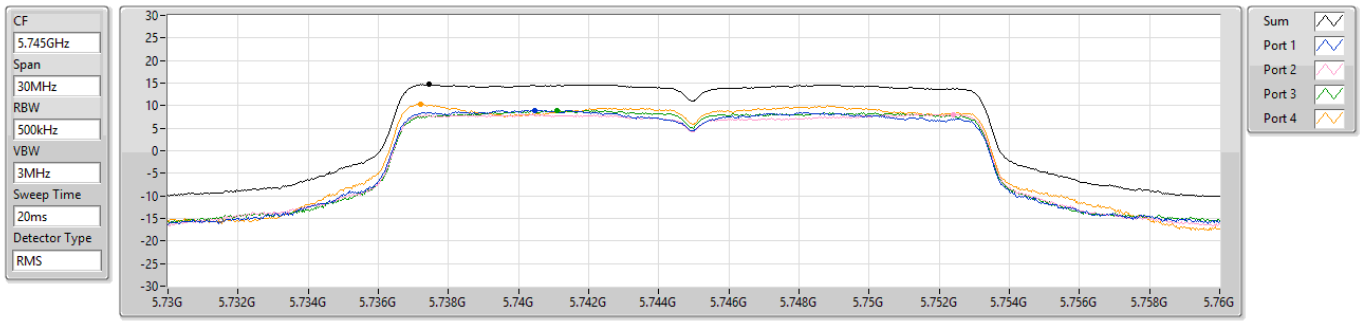
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.42	16.42	10.23	10.11	10.89	11.06

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX PSD

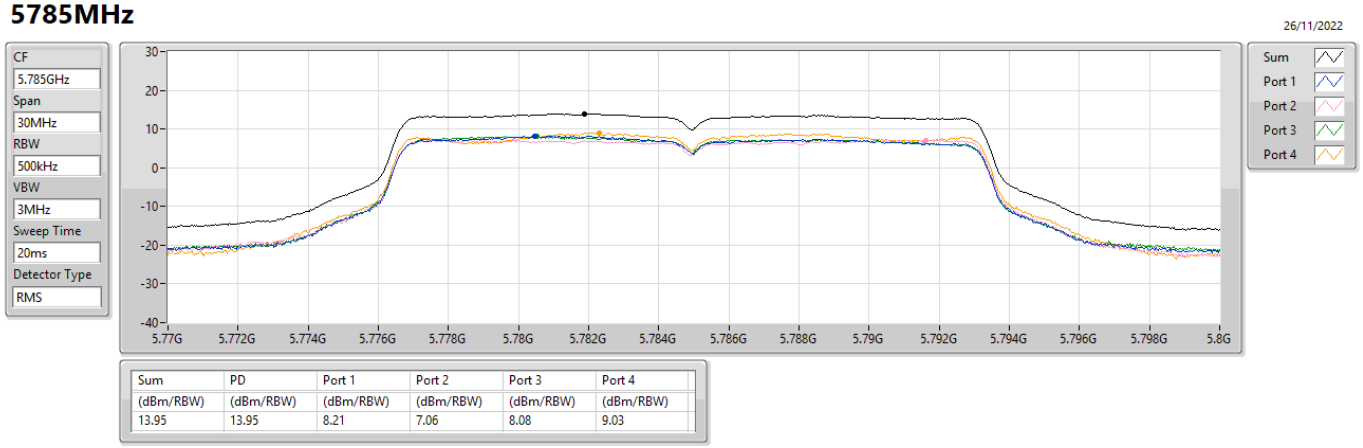
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.70	14.70	9.01	8.08	8.88	10.42

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX PSD

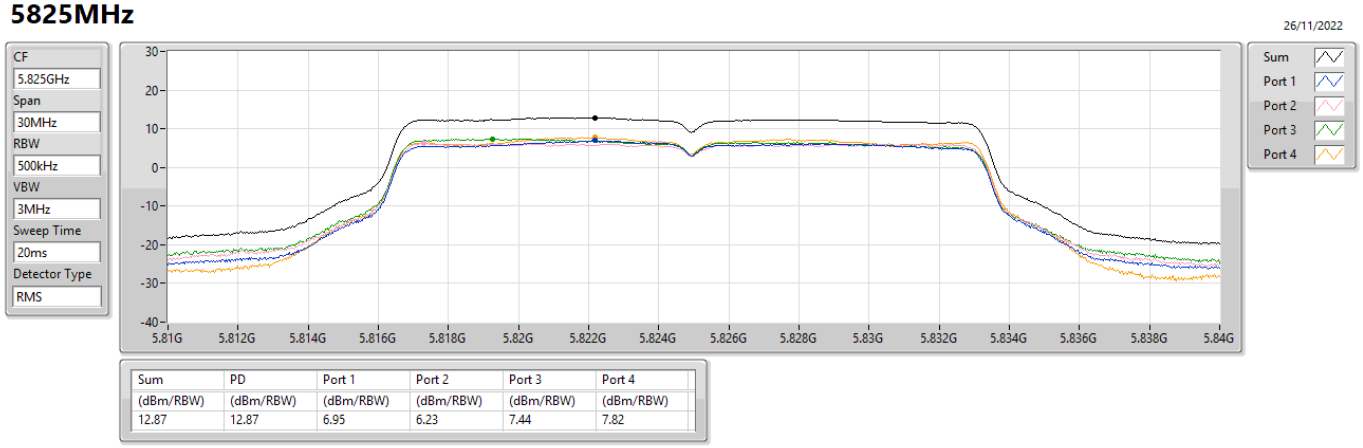
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.95	13.95	8.21	7.06	8.08	9.03

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX PSD

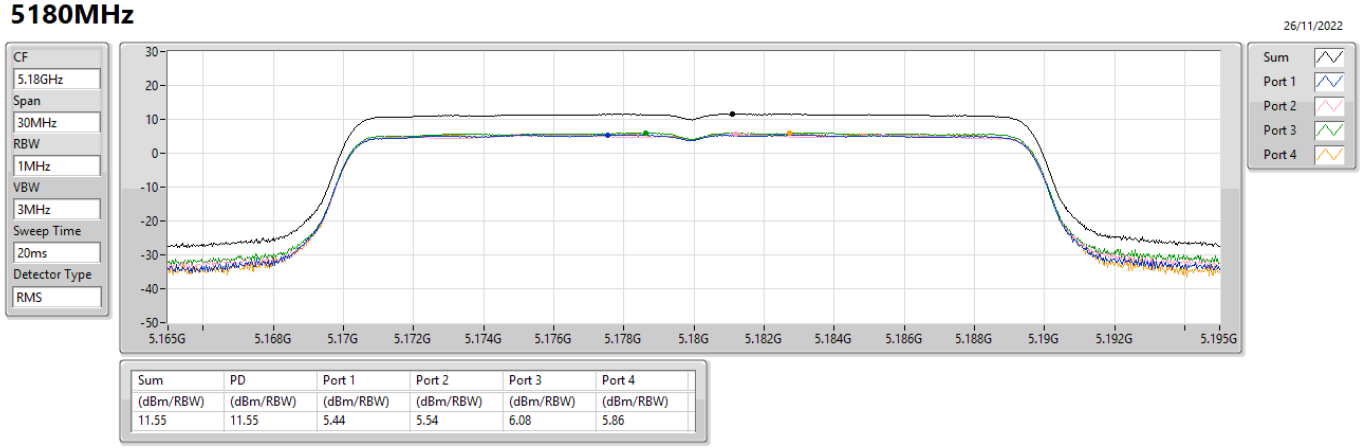
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.87	12.87	6.95	6.23	7.44	7.82

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

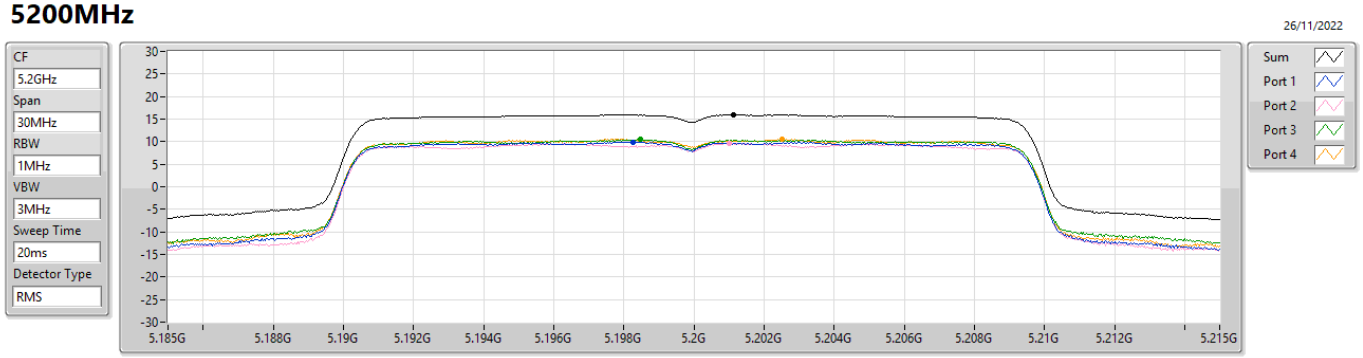
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.55	11.55	5.44	5.54	6.08	5.86

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

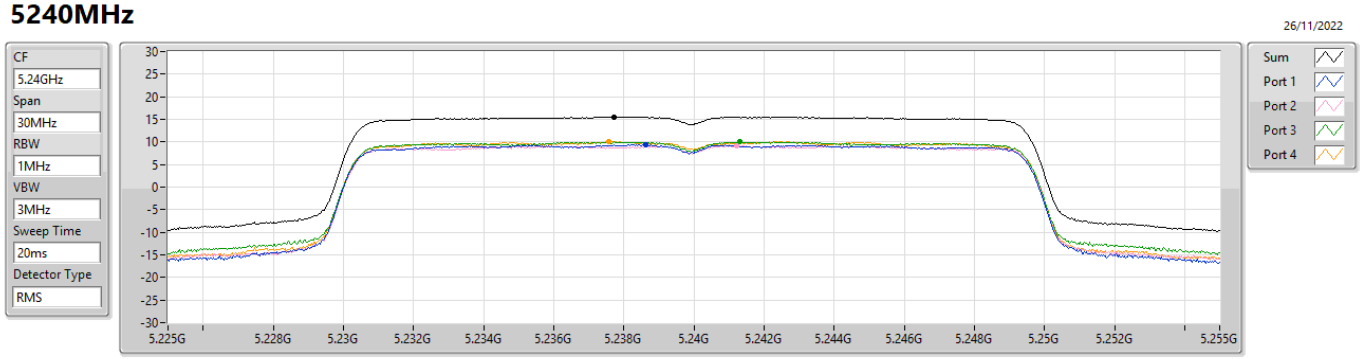
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.98	15.98	9.94	9.61	10.45	10.56

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

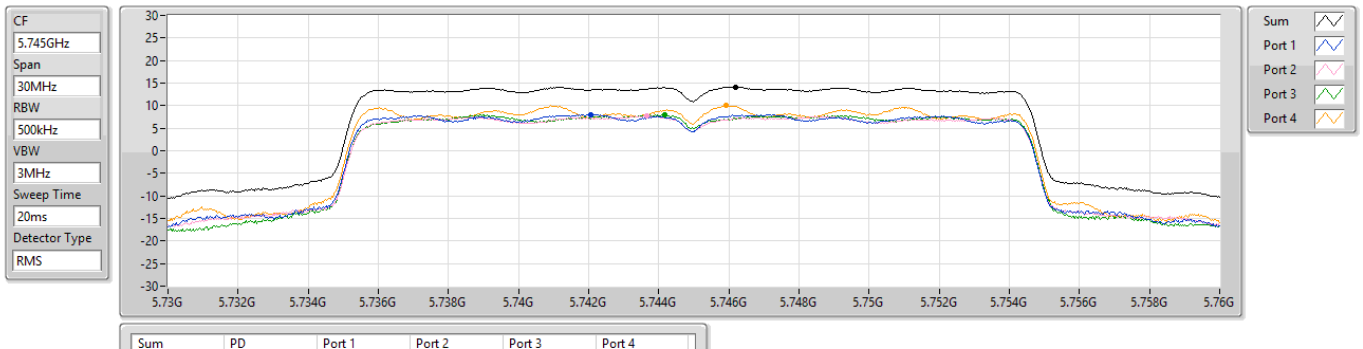
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.57	15.57	9.38	9.11	10.01	10.14

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

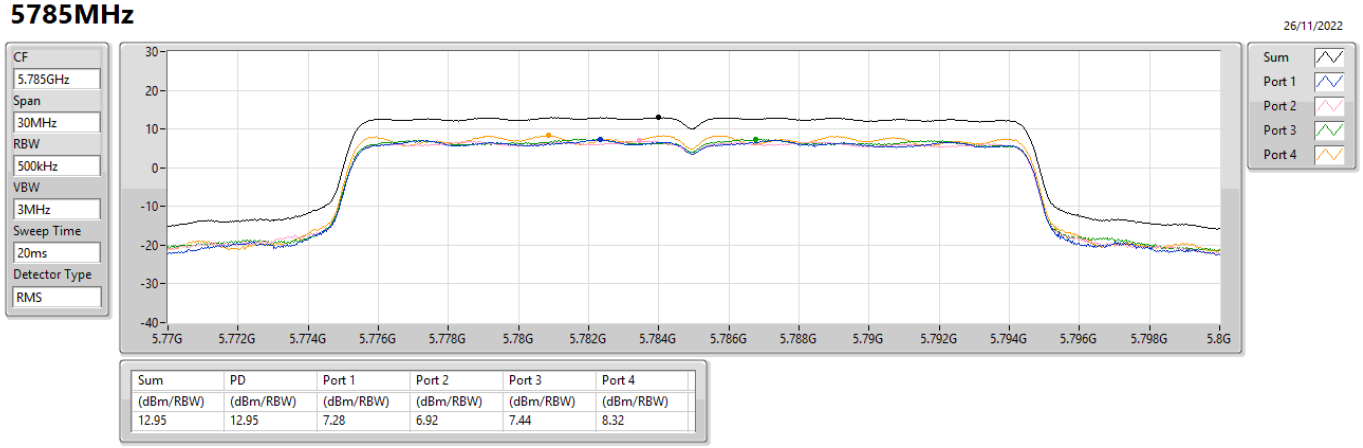
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.15	14.15	8.06	7.69	7.94	10.08

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

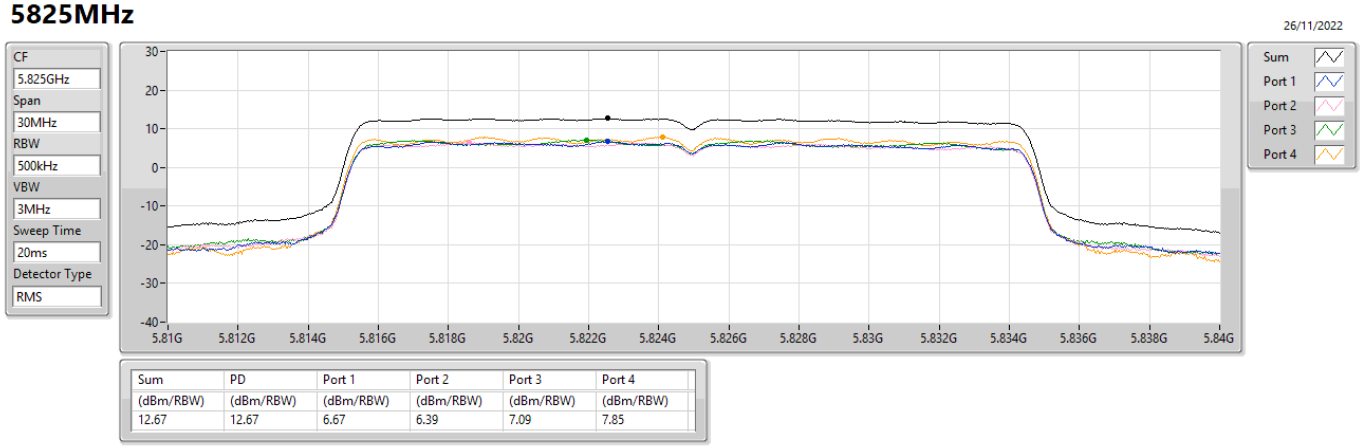
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.95	12.95	7.28	6.92	7.44	8.32

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

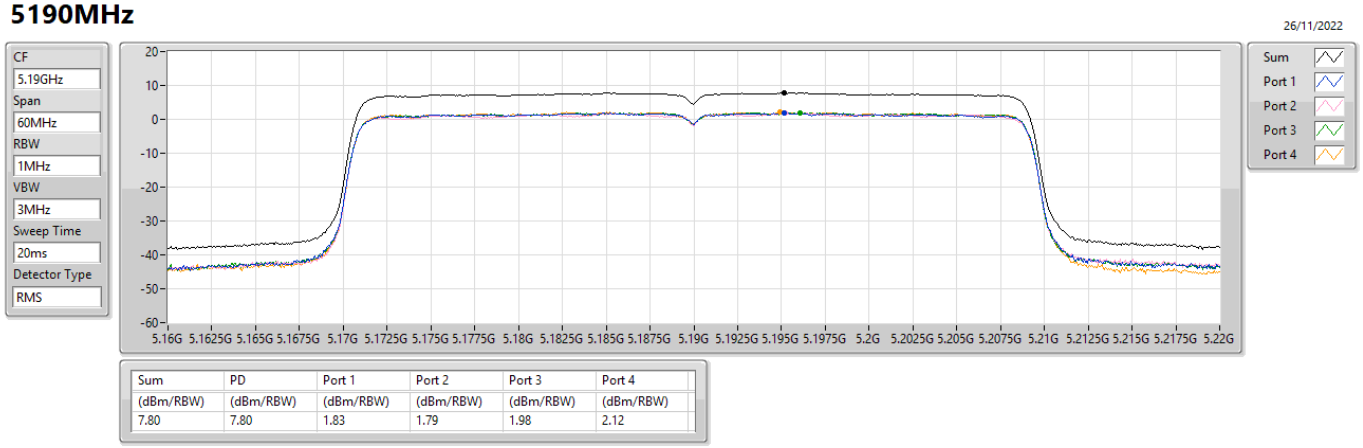
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.67	12.67	6.67	6.39	7.09	7.85

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

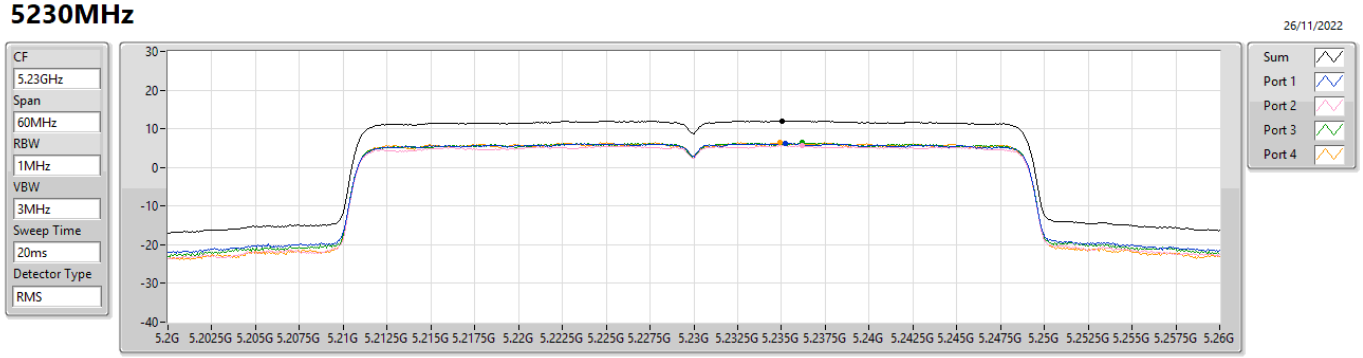
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	1.83	1.79	1.98	2.12

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

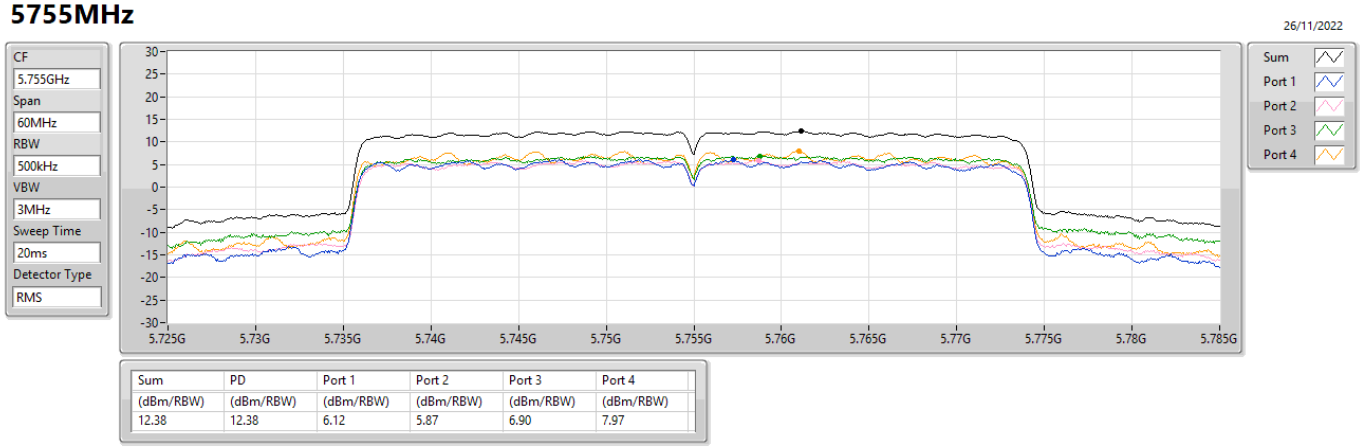
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.03	12.03	6.19	5.70	6.41	6.44

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

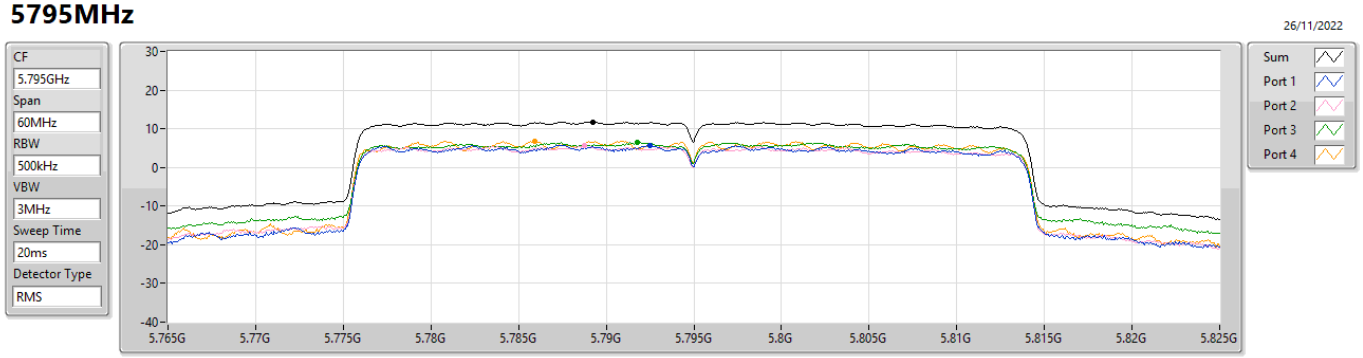
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.38	12.38	6.12	5.87	6.90	7.97

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

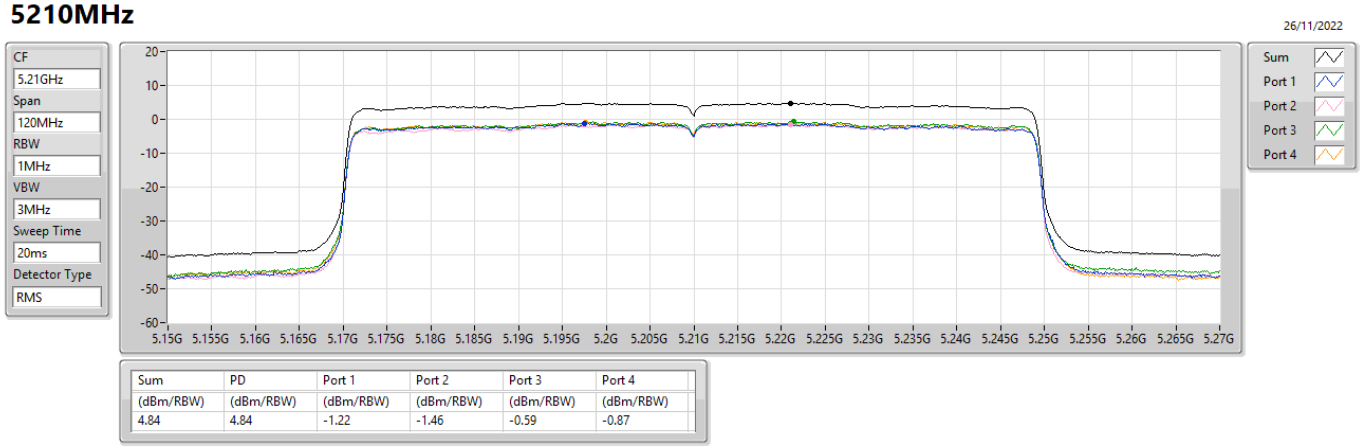
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.77	11.77	5.80	5.59	6.42	6.86

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX PSD

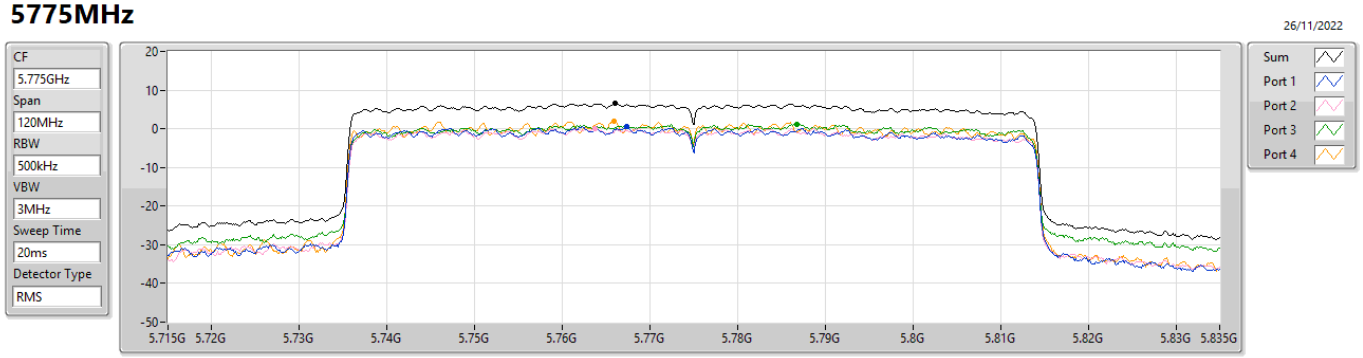
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	-1.22	-1.46	-0.59	-0.87

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

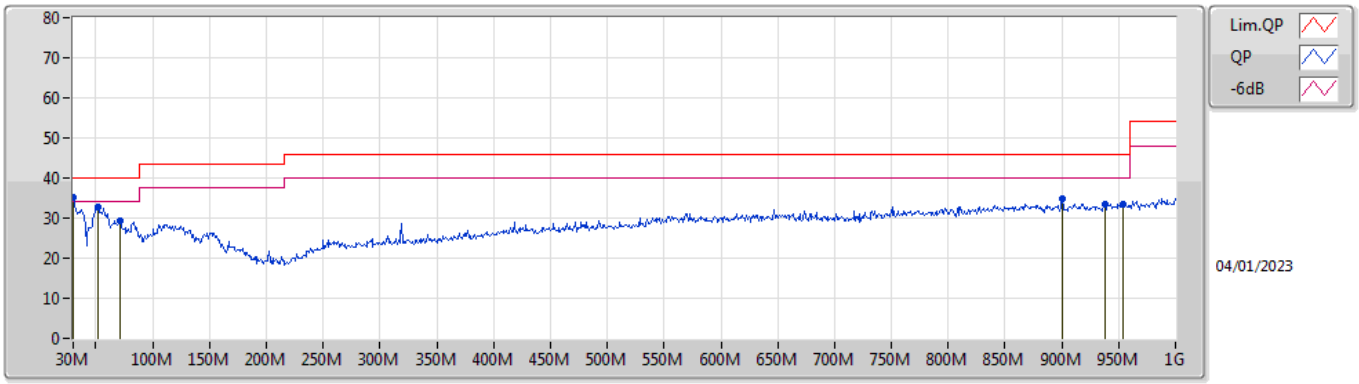


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.48	6.48	0.48	0.14	1.24	2.01

Summary

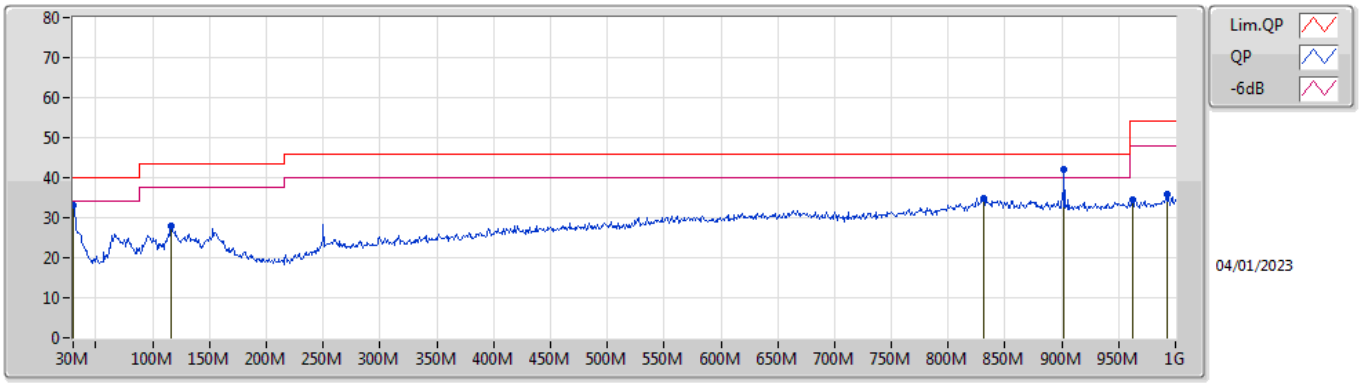
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	902.03M	41.91	46.00	-4.09	Horizontal

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	35.21	40.00	-4.79	-2.53	3	Vertical	0	3.00	"Worst"	37.74	25.20	0.74	28.47
PK	52.31M	32.81	40.00	-7.19	-14.23	3	Vertical	74	1.25	-	47.04	13.30	0.95	28.48
PK	71.71M	29.26	40.00	-10.74	-15.03	3	Vertical	114	1.50	-	44.29	12.41	1.10	28.54
PK	900.09M	34.70	46.00	-11.30	1.74	3	Vertical	46	1.25	-	32.96	26.39	3.99	28.64
PK	937.92M	33.51	46.00	-12.49	2.15	3	Vertical	18	2.00	-	31.36	26.61	4.13	28.59
PK	954.41M	33.50	46.00	-12.50	2.44	3	Vertical	12	1.50	-	31.06	26.80	4.19	28.55

Mode 2



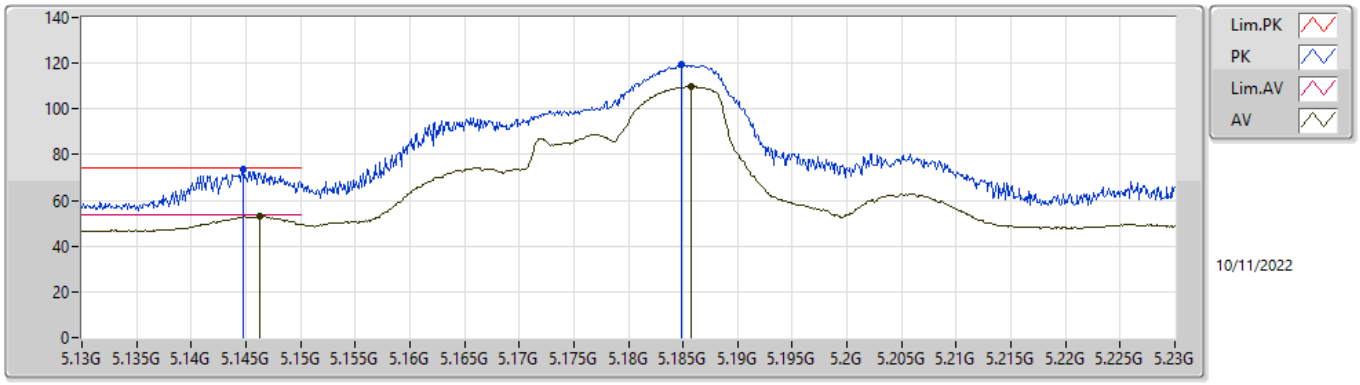
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	33.01	40.00	-6.99	-2.53	3	Horizontal	164	3.00	-	35.54	25.20	0.74	28.47
PK	116.33M	27.97	43.50	-15.53	-9.21	3	Horizontal	88	3.00	-	37.18	17.72	1.39	28.32
PK	831.22M	34.83	46.00	-11.17	1.03	3	Horizontal	238	1.00	-	33.80	26.05	3.86	28.88
PK	902.03M	41.91	46.00	-4.09	1.75	3	Horizontal	127	3.00	"Worst"	40.16	26.39	4.00	28.64
PK	962.17M	34.55	54.00	-19.45	2.56	3	Horizontal	63	3.00	-	31.99	26.86	4.20	28.50
PK	992.24M	35.98	54.00	-18.02	3.10	3	Horizontal	147	3.00	-	32.88	27.13	4.26	28.29

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	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.65G	68.19	68.20	-0.01	3	Horizontal	193	2.43	102

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

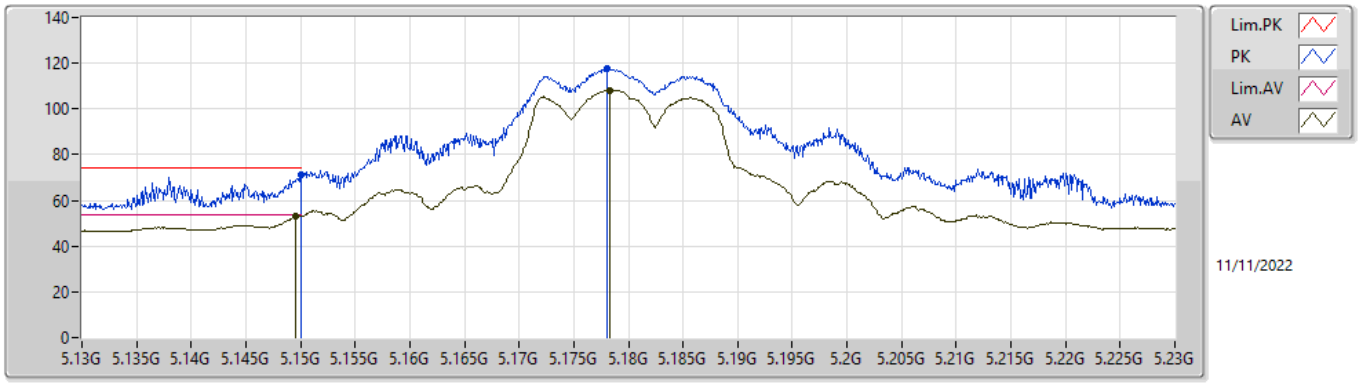


EUT Y_4TX
SET 85
70\88\79\83\85
7.01\-2.01\4.31\1.77\0.14

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1448G	73.86	74.00	-0.14	68.77	3	Vertical	23	2.27	85	31.91	5.64	32.46
AV	5.1463G	53.14	54.00	-0.86	48.04	3	Vertical	23	2.27	85	31.91	5.65	32.46
PK	5.1848G	119.19	Inf	-Inf	114.14	3	Vertical	23	2.27	85	31.83	5.68	32.46
AV	5.1857G	109.82	Inf	-Inf	104.76	3	Vertical	23	2.27	85	31.83	5.69	32.46

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

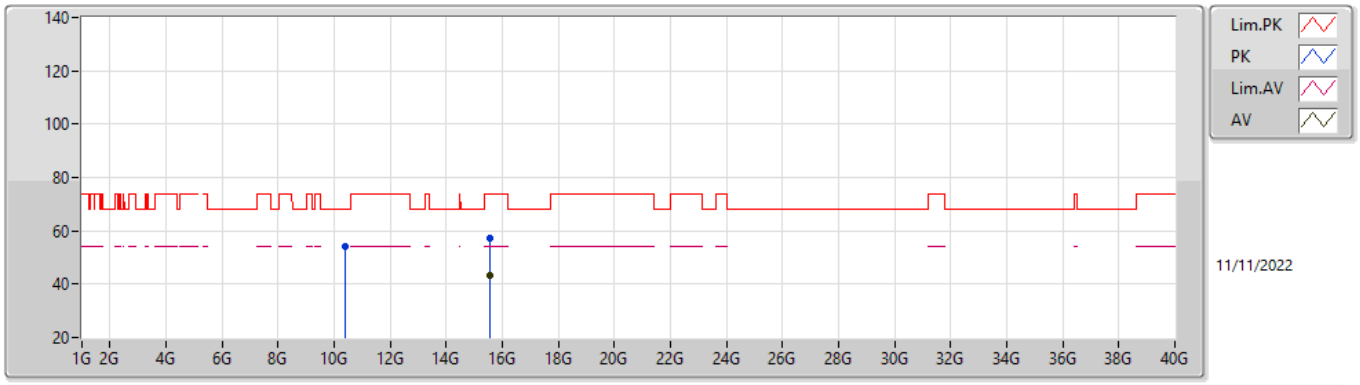


EUT Y_4TX
SET 85
85
0.62

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	70.99	74.00	-3.01	65.90	3	Horizontal	185	1.80	85	31.90	5.65	32.46
AV	5.1495G	53.38	54.00	-0.62	48.29	3	Horizontal	185	1.80	85	31.90	5.65	32.46
PK	5.178G	117.53	Inf	-Inf	112.47	3	Horizontal	185	1.80	85	31.84	5.68	32.46
AV	5.1783G	108.21	Inf	-Inf	103.15	3	Horizontal	185	1.80	85	31.84	5.68	32.46

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

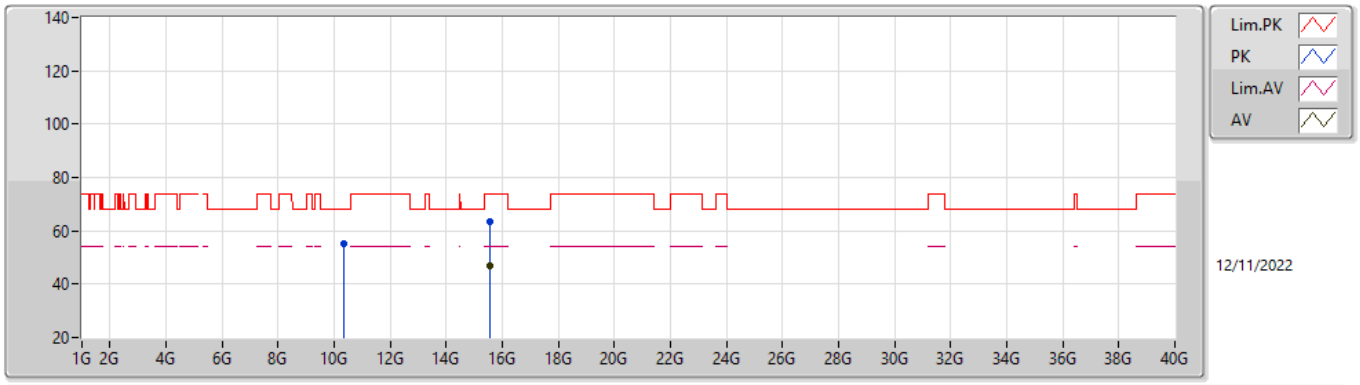


EUT Y_4TX
SET 85
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37208G	54.28	68.20	-13.92	48.59	3	Vertical	271	1.80	85	39.99	8.27	42.57
PK	15.54156G	57.18	74.00	-16.82	50.41	3	Vertical	183	1.88	85	38.45	10.29	41.97
AV	15.55636G	43.35	54.00	-10.65	36.65	3	Vertical	183	1.88	85	38.36	10.30	41.96

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

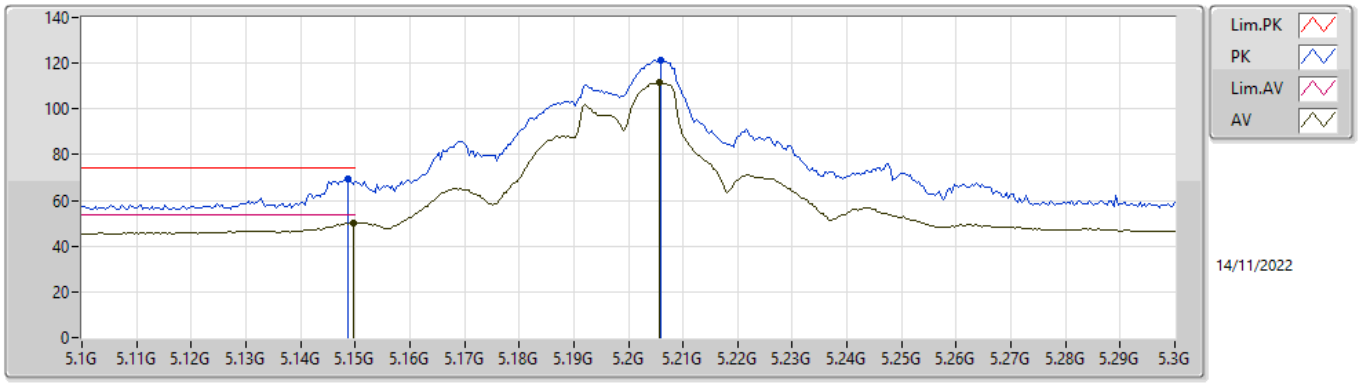


EUT Y_4TX
SET 85
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3598G	55.31	68.20	-12.89	49.68	3	Horizontal	140	1.65	85	39.94	8.26	42.57
PK	15.5412G	63.40	74.00	-10.60	56.63	3	Horizontal	131	1.80	85	38.45	10.29	41.97
AV	15.53984G	46.76	54.00	-7.24	39.98	3	Horizontal	131	1.80	85	38.46	10.29	41.97

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

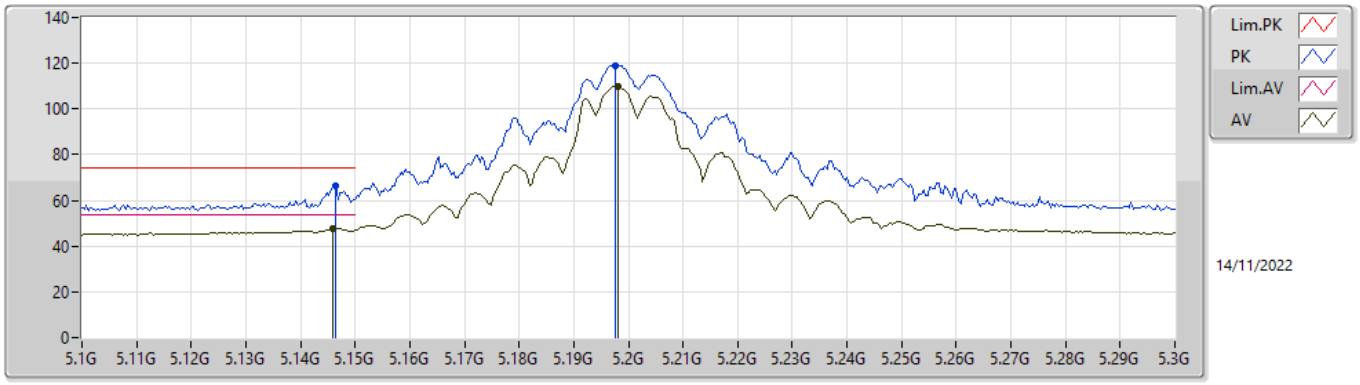


EUT Y_4TX
SET 97
01-E-P-5-10

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	69.35	74.00	-4.65	64.26	3	Vertical	29	1.80	-	31.90	5.65	32.46
AV	5.1496G	50.11	54.00	-3.89	45.02	3	Vertical	29	1.80	-	31.90	5.65	32.46
PK	5.206G	121.15	Inf	-Inf	116.12	3	Vertical	29	1.80	-	31.78	5.71	32.46
AV	5.2056G	111.52	Inf	-Inf	106.49	3	Vertical	29	1.80	-	31.78	5.71	32.46

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

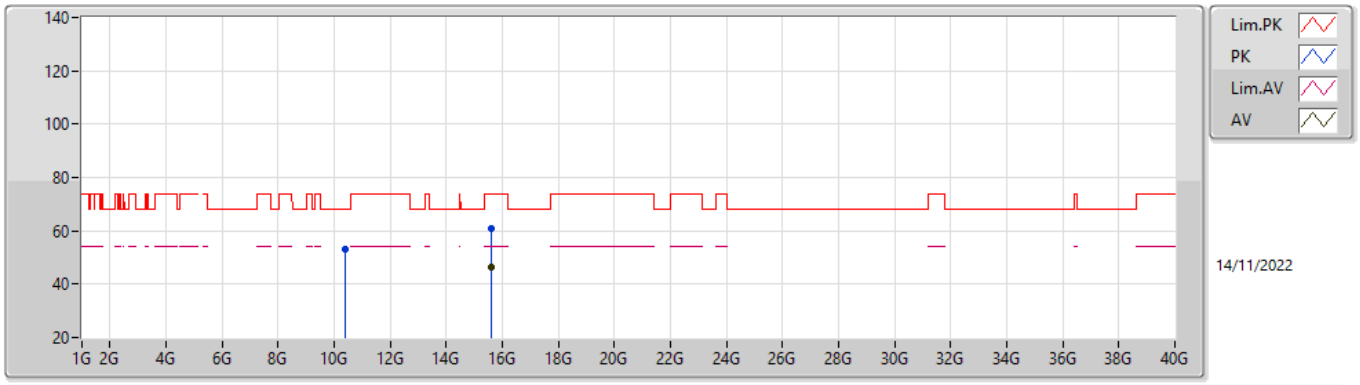


EUT Y_4TX
SET 97
01-E-P-5-10

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	5.1464G	66.53	74.00	-7.47	61.43	3	Horizontal	189	1.46	-	31.91	5.65	32.46
AV	5.146G	47.75	54.00	-6.25	42.65	3	Horizontal	189	1.46	-	31.91	5.65	32.46
PK	5.1976G	119.11	Inf	-Inf	114.07	3	Horizontal	189	1.46	-	31.80	5.70	32.46
AV	5.198G	109.97	Inf	-Inf	104.93	3	Horizontal	189	1.46	-	31.80	5.70	32.46

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

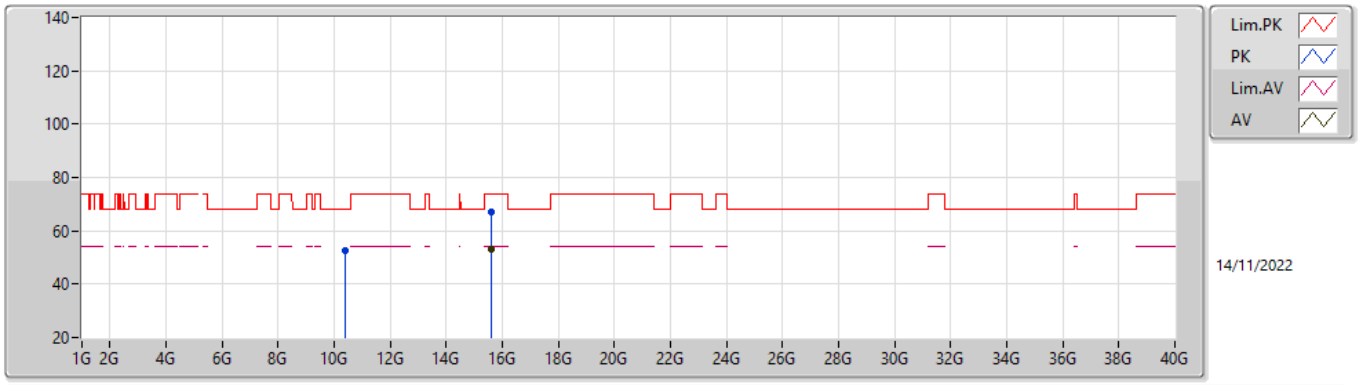


EUT Y_4TX
SET 97
01-E-P-5

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	10.41062G	52.85	68.20	-15.35	47.04	3	Vertical	348	1.45	-	40.11	8.28	42.58
PK	15.58674G	60.63	74.00	-13.37	54.09	3	Vertical	139	2.72	-	38.18	10.31	41.95
AV	15.60708G	46.38	54.00	-7.62	39.92	3	Vertical	139	2.72	-	38.09	10.32	41.95

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

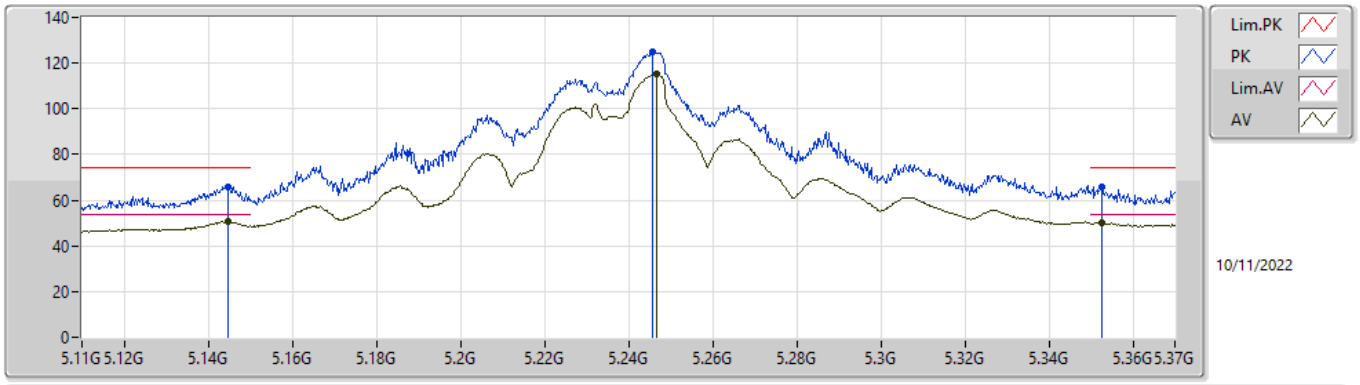


EUT Y_4TX
SET 97
01-E-P-5

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	10.40354G	52.67	68.20	-15.53	46.87	3	Horizontal	82	2.12	-	40.10	8.28	42.58
PK	15.59913G	67.19	74.00	-6.81	60.71	3	Horizontal	134	1.80	-	38.11	10.32	41.95
AV	15.59811G	53.34	54.00	-0.66	46.86	3	Horizontal	134	1.80	-	38.11	10.32	41.95

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

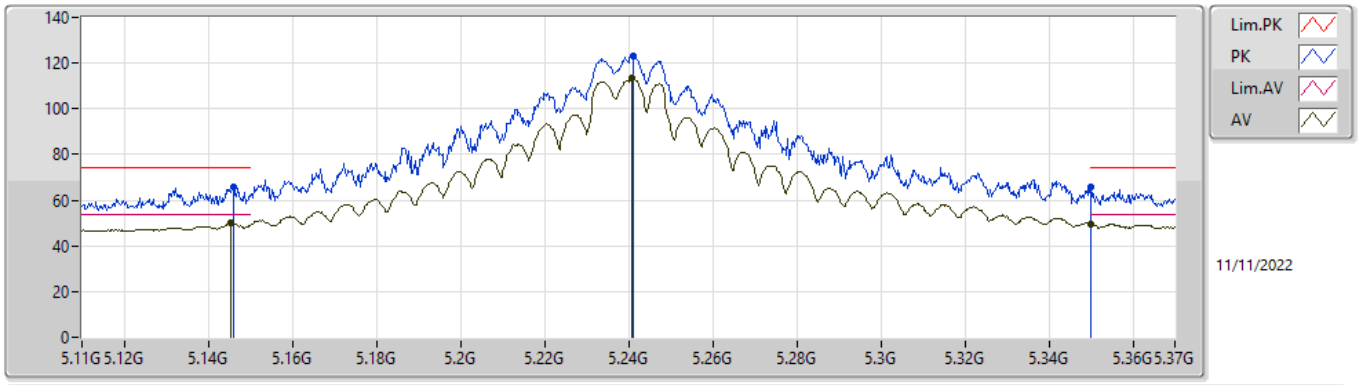


EUT Y_4TX
SET 108
70\88\97\101\103\104\108
7.68\6.77\6.37\6.31\5.08\4.03\3.34

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14484G	65.96	74.00	-8.04	60.87	3	Vertical	25	1.80	108	31.91	5.64	32.46
AV	5.14484G	50.66	54.00	-3.34	45.57	3	Vertical	25	1.80	108	31.91	5.64	32.46
PK	5.24572G	124.97	Inf	-Inf	120.05	3	Vertical	25	1.80	108	31.62	5.77	32.47
AV	5.24676G	114.97	Inf	-Inf	110.06	3	Vertical	25	1.80	108	31.61	5.77	32.47
PK	5.35258G	65.87	74.00	-8.13	61.11	3	Vertical	25	1.80	108	31.31	5.93	32.48
AV	5.35258G	50.15	54.00	-3.85	45.39	3	Vertical	25	1.80	108	31.31	5.93	32.48

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

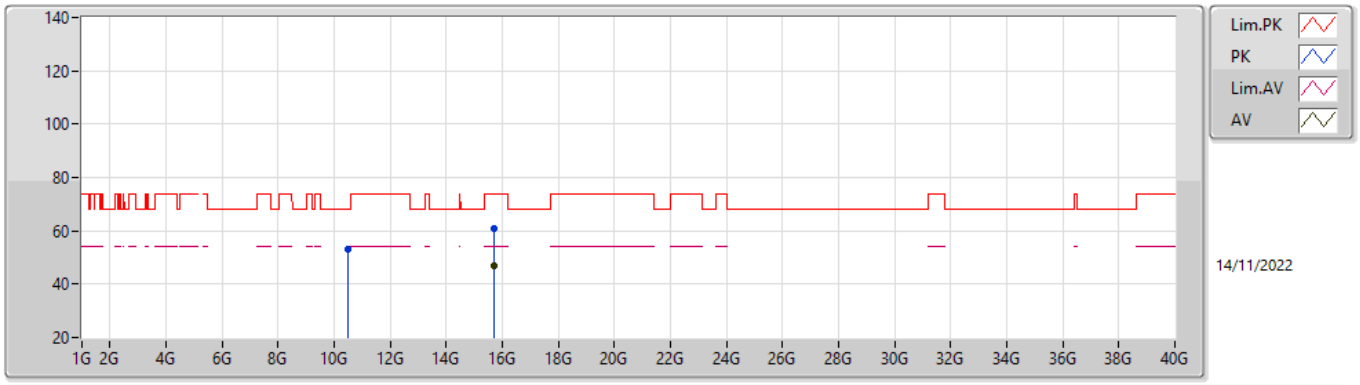


EUT Y_4TX
SET 108
108
4.15

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14614G	65.55	74.00	-8.45	60.45	3	Horizontal	184	2.95	108	31.91	5.65	32.46
AV	5.14536G	49.85	54.00	-4.15	44.75	3	Horizontal	184	2.95	108	31.91	5.65	32.46
PK	5.24104G	122.81	Inf	-Inf	117.88	3	Horizontal	184	2.95	108	31.64	5.76	32.47
AV	5.24078G	113.39	Inf	-Inf	108.46	3	Horizontal	184	2.95	108	31.64	5.76	32.47
PK	5.35G	65.66	74.00	-8.34	60.92	3	Horizontal	184	2.95	108	31.30	5.92	32.48
AV	5.35G	49.52	54.00	-4.48	44.78	3	Horizontal	184	2.95	108	31.30	5.92	32.48

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

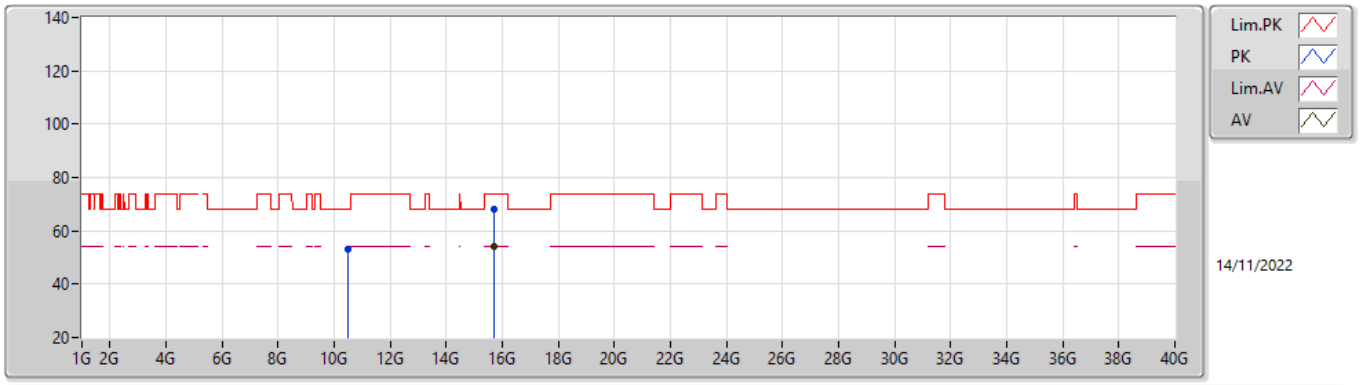


EUT Y_4TX
SET 100
01-E-P-5

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	10.4899G	53.14	68.20	-15.06	47.24	3	Vertical	359	1.91	-	40.19	8.32	42.61
PK	15.7176G	60.96	74.00	-13.04	54.60	3	Vertical	132	2.16	-	37.90	10.37	41.91
AV	15.71748G	47.14	54.00	-6.86	40.78	3	Vertical	132	2.16	-	37.90	10.37	41.91

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

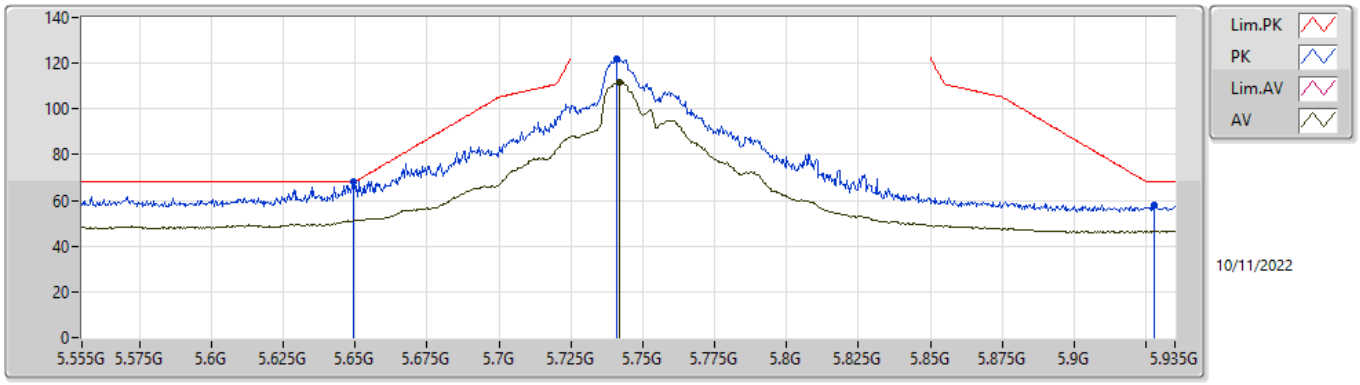


EUT Y_4TX
SET 100
01-E-P-5

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	10.46938G	53.26	68.20	-14.94	47.38	3	Horizontal	135	1.99	-	40.17	8.31	42.60
PK	15.71949G	68.09	74.00	-5.91	61.73	3	Horizontal	136	1.80	-	37.90	10.37	41.91
AV	15.71826G	53.89	54.00	-0.11	47.53	3	Horizontal	136	1.80	-	37.90	10.37	41.91

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

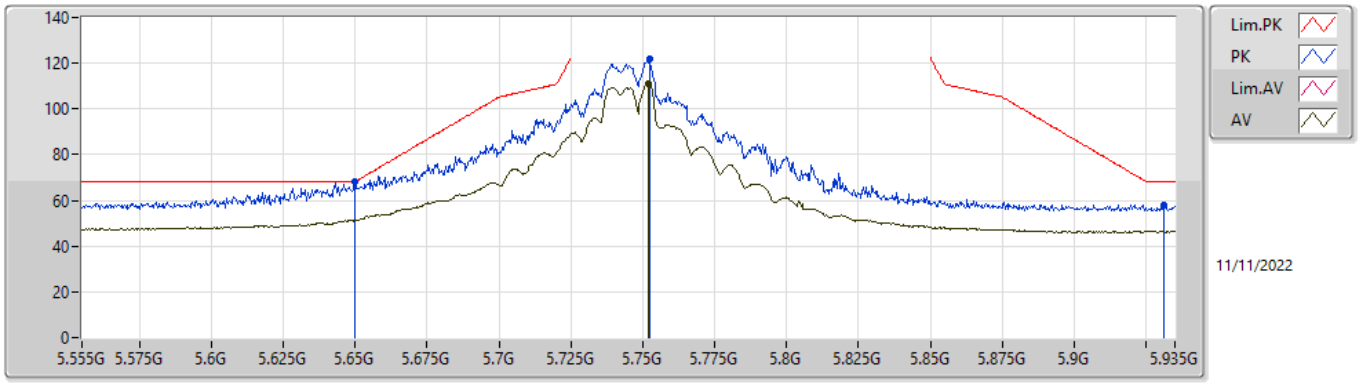


EUT Y_4TX
SET 105
70\88\97\101\103\104\105
9.22\9.06\8.83\8.44\1.11\0.60\0.09

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64924G	68.11	68.20	-0.09	62.74	3	Vertical	42	1.80	105	31.80	6.02	32.45
PK	5.74082G	121.74	Inf	-Inf	115.93	3	Vertical	42	1.80	105	32.16	6.07	32.42
AV	5.74196G	111.86	Inf	-Inf	106.04	3	Vertical	42	1.80	105	32.17	6.07	32.42
PK	5.92778G	57.65	68.20	-10.55	51.37	3	Vertical	42	1.80	105	32.60	6.04	32.36

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

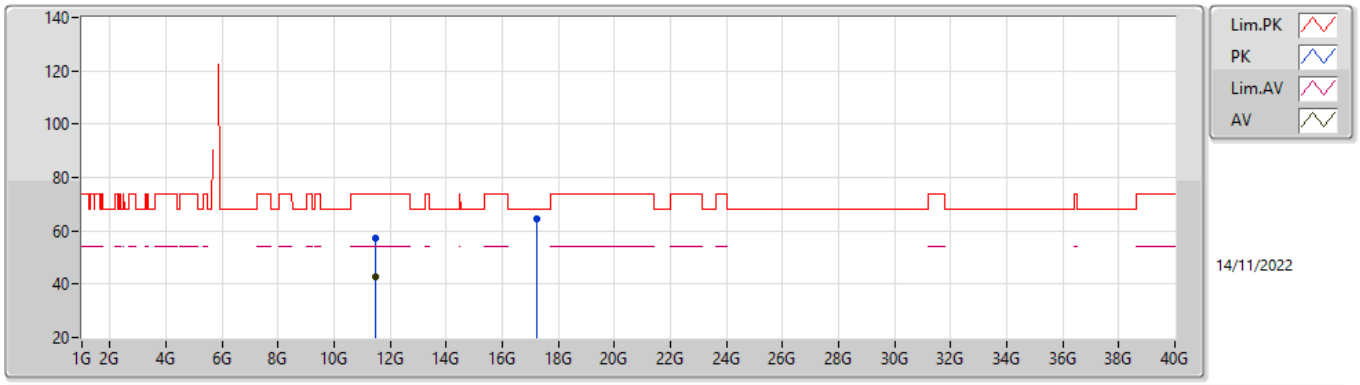


EUT Y_4TX
SET 102
105\93\99\102
-2.15\8.90\8.00\0.01

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	68.19	68.20	-0.01	62.81	3	Horizontal	193	2.43	102	31.80	6.03	32.45
PK	5.75222G	121.64	Inf	-Inf	115.78	3	Horizontal	193	2.43	102	32.20	6.08	32.42
AV	5.75184G	110.75	Inf	-Inf	104.89	3	Horizontal	193	2.43	102	32.20	6.08	32.42
PK	5.9312G	57.72	68.20	-10.48	51.45	3	Horizontal	193	2.43	102	32.60	6.03	32.36

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

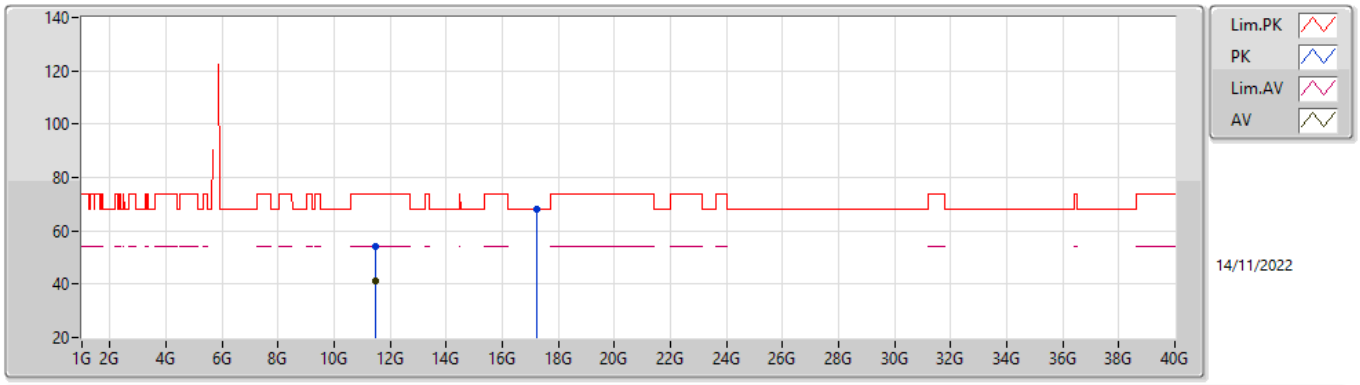


EUT Y_4TX
SET 96
01-E-P-5

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	11.48853G	57.02	74.00	-16.98	50.88	3	Vertical	108.3	1.80	-	40.10	8.77	42.73
AV	11.48925G	42.89	54.00	-11.11	36.75	3	Vertical	108.3	1.80	-	40.10	8.77	42.73
PK	17.23428G	64.72	68.20	-3.48	54.07	3	Vertical	137	1.80	-	41.37	11.12	41.84

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

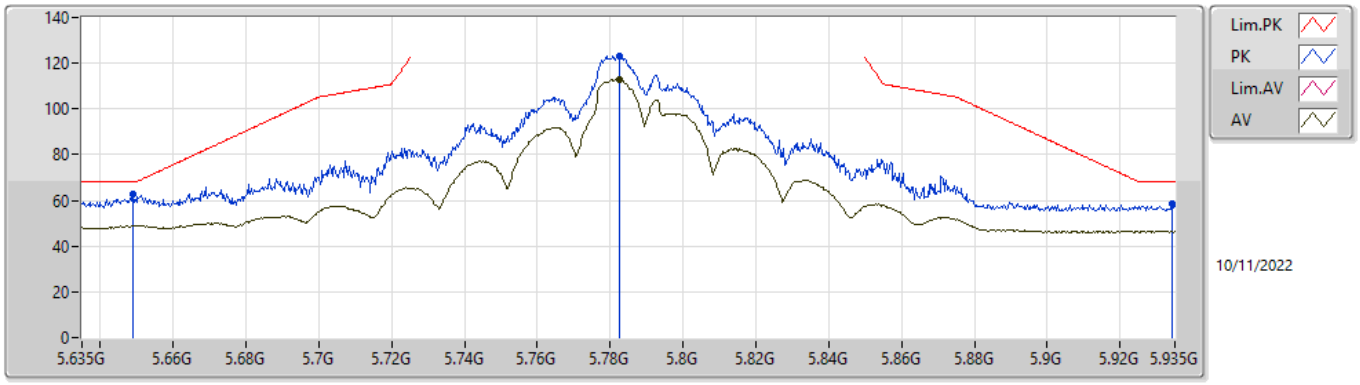


EUT Y_4TX
SET 96
01-E-P-5

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	11.47677G	54.13	74.00	-19.87	48.00	3	Horizontal	305	1.83	-	40.10	8.76	42.73
AV	11.49012G	41.22	54.00	-12.78	35.08	3	Horizontal	305	1.83	-	40.10	8.77	42.73
PK	17.23245G	67.90	68.20	-0.30	57.26	3	Horizontal	139	1.69	-	41.36	11.12	41.84

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

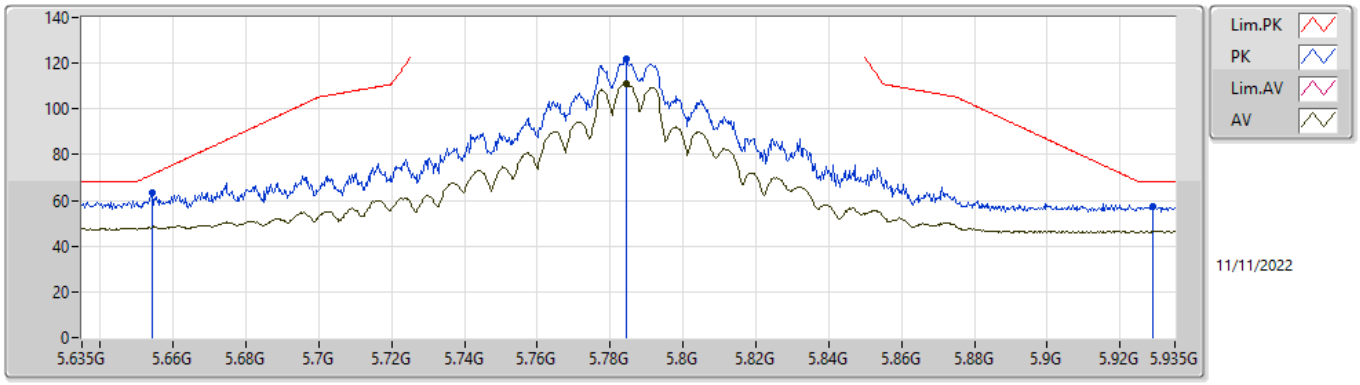


EUT Y_4TX
SET 108
70\88\97\101\103\104\108
10.33\9.47\9.79\8.73\8.07\8.16\5.48

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6491G	62.72	68.20	-5.48	57.35	3	Vertical	41	1.72	108	31.80	6.02	32.45
PK	5.7826G	123.04	Inf	-Inf	117.09	3	Vertical	41	1.72	108	32.27	6.09	32.41
AV	5.7826G	112.90	Inf	-Inf	106.95	3	Vertical	41	1.72	108	32.27	6.09	32.41
PK	5.9341G	58.28	68.20	-9.92	52.01	3	Vertical	41	1.72	108	32.60	6.03	32.36

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

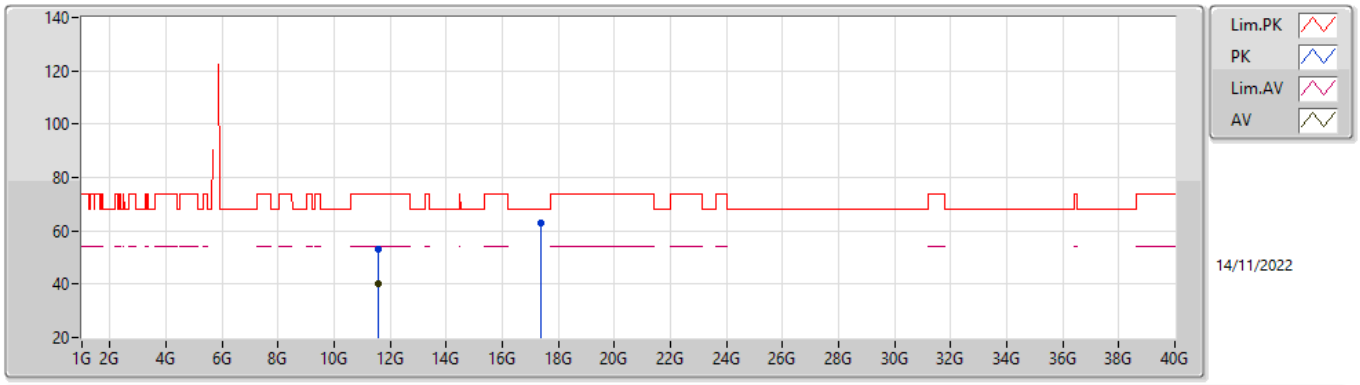


EUT Y_4TX
SET 108
108
8.09

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6542G	63.22	71.31	-8.09	57.82	3	Horizontal	180	2.11	108	31.82	6.03	32.45
PK	5.7844G	121.66	Inf	-Inf	115.71	3	Horizontal	180	2.11	108	32.27	6.09	32.41
AV	5.7844G	111.17	Inf	-Inf	105.22	3	Horizontal	180	2.11	108	32.27	6.09	32.41
PK	5.929G	57.42	68.20	-10.78	51.14	3	Horizontal	180	2.11	108	32.60	6.04	32.36

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

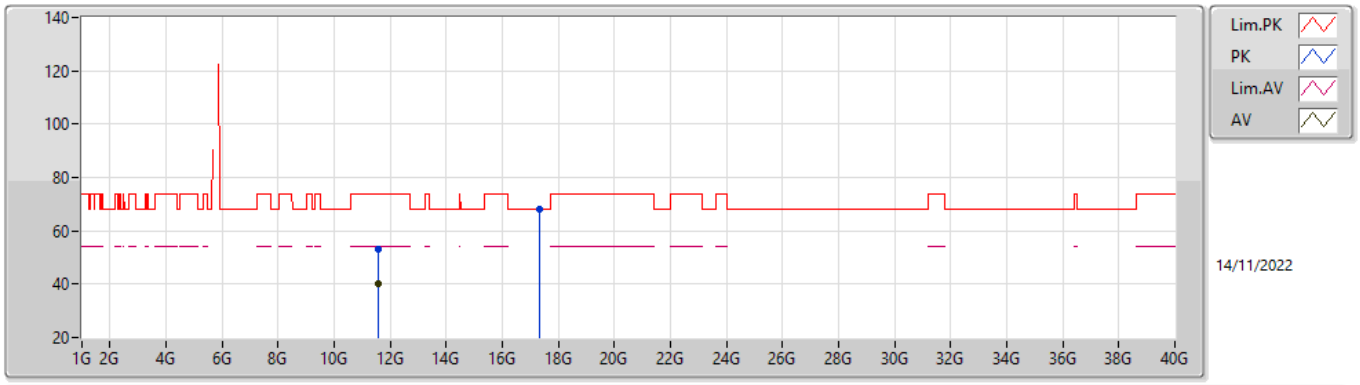


EUT Y_4TX
SET 91
01-E-P-5

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	11.56139G	53.35	74.00	-20.65	47.30	3	Vertical	192	2.74	-	39.98	8.80	42.73
AV	11.56268G	40.34	54.00	-13.66	34.30	3	Vertical	192	2.74	-	39.97	8.80	42.73
PK	17.35377G	62.87	68.20	-5.33	51.51	3	Vertical	139	1.80	-	42.04	11.18	41.86

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

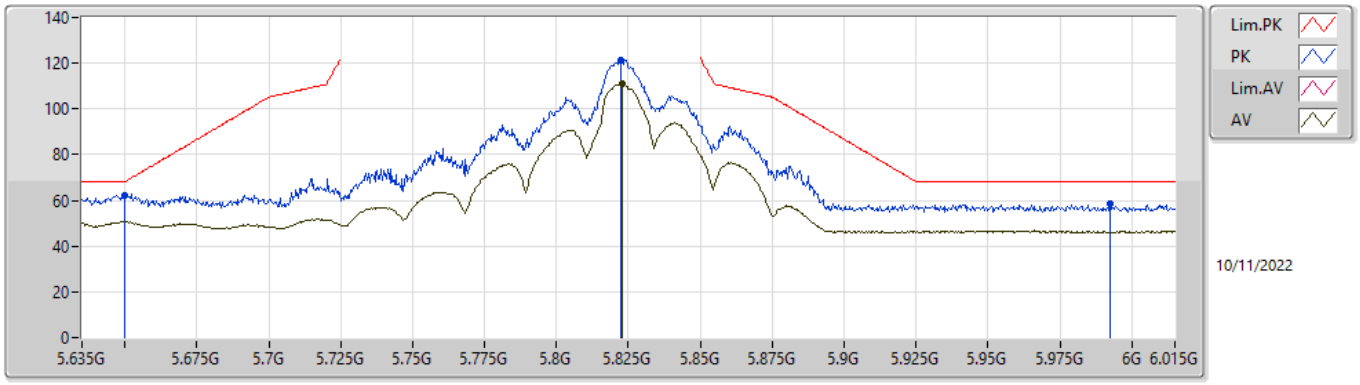


EUT Y_4TX
SET 91
01-E-P-5

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	11.57309G	53.29	74.00	-20.71	47.26	3	Horizontal	88	2.45	-	39.95	8.81	42.73
AV	11.585G	40.25	54.00	-13.75	34.25	3	Horizontal	88	2.45	-	39.93	8.81	42.74
PK	17.35041G	67.94	68.20	-0.26	56.62	3	Horizontal	138	1.73	-	42.00	11.18	41.86

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

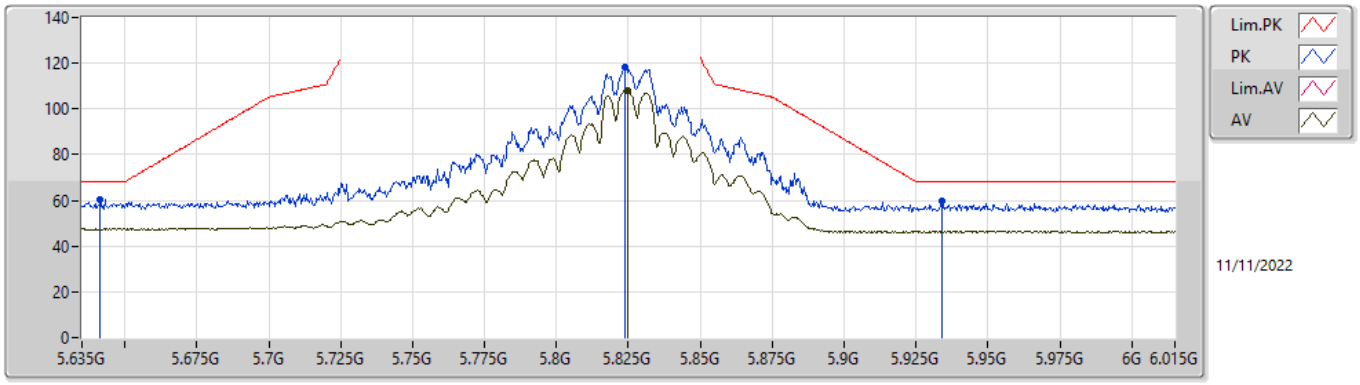


EUT Y_4TX
SET 108
70\88\97\101\103\104\108
10.08\9.37\9.89\9.24\5.25\7.27\5.96

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64982G	62.24	68.20	-5.96	56.87	3	Vertical	44	1.80	108	31.80	6.02	32.45
PK	5.82234G	121.21	Inf	-Inf	115.22	3	Vertical	44	1.80	108	32.30	6.09	32.40
AV	5.82272G	111.13	Inf	-Inf	105.14	3	Vertical	44	1.80	108	32.30	6.09	32.40
PK	5.99258G	58.48	68.20	-9.72	52.31	3	Vertical	44	1.80	108	32.51	6.00	32.34

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

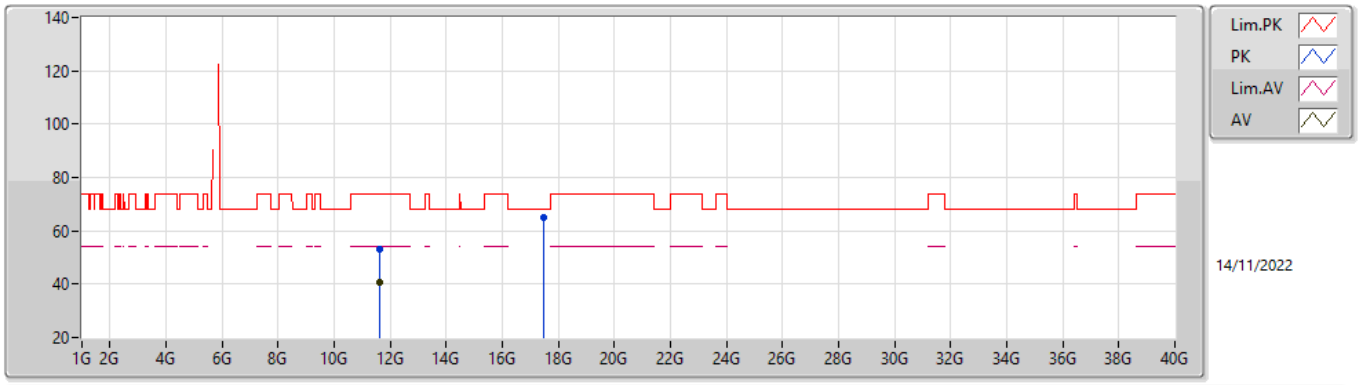


EUT Y_4TX
SET 108
108
7.59

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64146G	60.61	68.20	-7.59	55.22	3	Horizontal	182	1.80	108	31.82	6.02	32.45
PK	5.82386G	118.41	Inf	-Inf	112.42	3	Horizontal	182	1.80	108	32.30	6.09	32.40
AV	5.82462G	108.30	Inf	-Inf	102.31	3	Horizontal	182	1.80	108	32.30	6.09	32.40
PK	5.93406G	59.65	68.20	-8.55	53.38	3	Horizontal	182	1.80	108	32.60	6.03	32.36

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

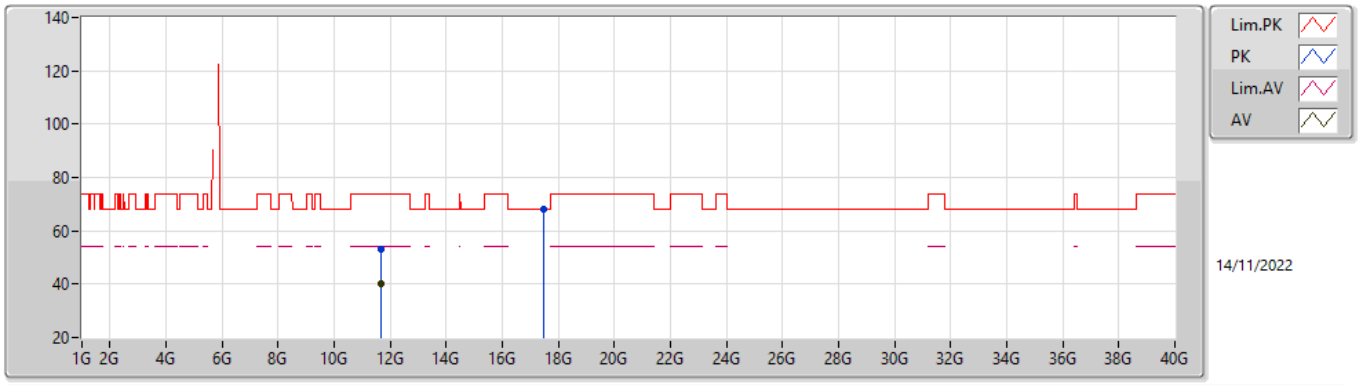


EUT Y_4TX
SET 90
01-E-P-5

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	11.64652G	53.13	74.00	-20.87	47.41	3	Vertical	220	2.93	-	39.62	8.84	42.74
AV	11.64364G	40.55	54.00	-13.45	34.81	3	Vertical	220	2.93	-	39.64	8.84	42.74
PK	17.46939G	64.93	68.20	-3.27	52.39	3	Vertical	139	2.86	-	43.19	11.23	41.88

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

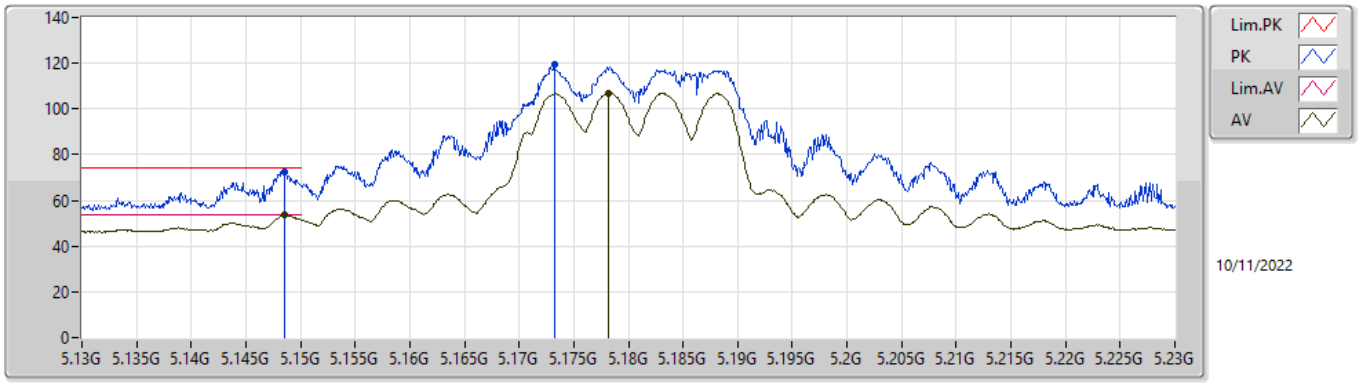


EUT Y_4TX
SET 90
01-E-P-5

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	11.6521G	53.00	74.00	-21.00	47.31	3	Horizontal	352	2.13	-	39.59	8.84	42.74
AV	11.64949G	40.19	54.00	-13.81	34.49	3	Horizontal	352	2.13	-	39.60	8.84	42.74
PK	17.47164G	68.11	68.20	-0.09	55.53	3	Horizontal	161	1.71	-	43.22	11.24	41.88

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

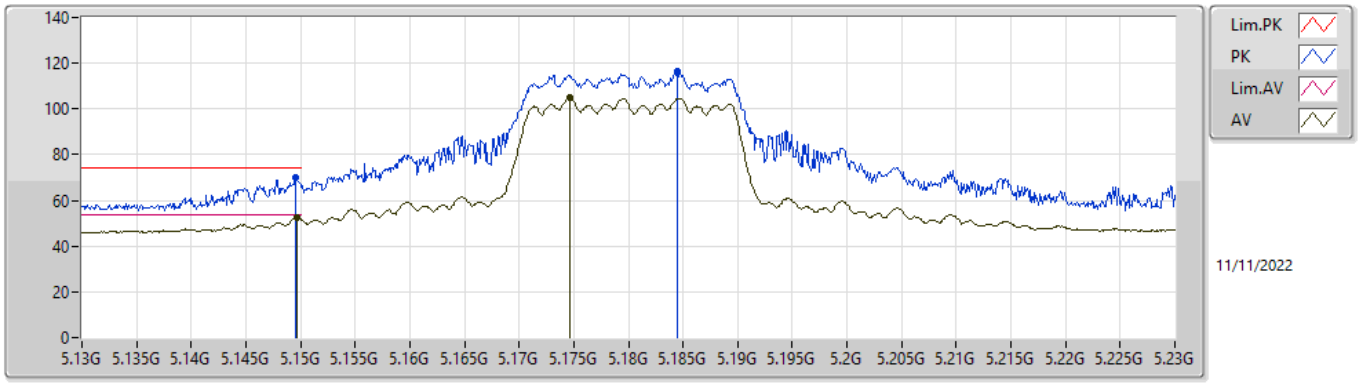


EUT Y_4TX
SET 79
70\88\79\83\81\80\79
5.93\-7.20\0.63\-3.34\-1.74\-1.50\0.58

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1485G	72.53	74.00	-1.47	67.44	3	Vertical	25	1.76	79	31.90	5.65	32.46
AV	5.1486G	53.42	54.00	-0.58	48.33	3	Vertical	25	1.76	79	31.90	5.65	32.46
PK	5.1732G	119.23	Inf	-Inf	114.17	3	Vertical	25	1.76	79	31.85	5.67	32.46
AV	5.1782G	106.93	Inf	-Inf	101.87	3	Vertical	25	1.76	79	31.84	5.68	32.46

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

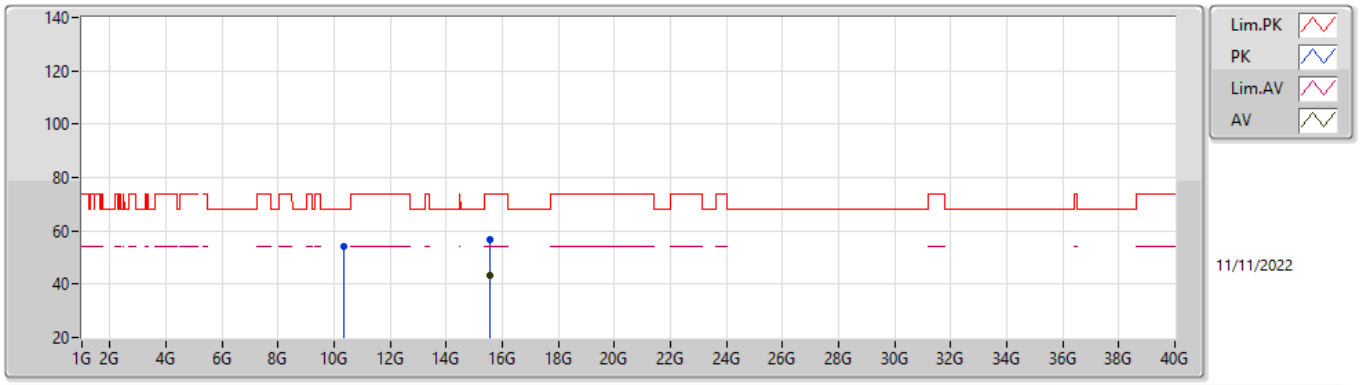


EUT Y_4TX
SET 79
79
1.32

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1495G	69.97	74.00	-4.03	64.88	3	Horizontal	186	1.80	79	31.90	5.65	32.46
AV	5.1497G	52.68	54.00	-1.32	47.59	3	Horizontal	186	1.80	79	31.90	5.65	32.46
PK	5.1845G	116.26	Inf	-Inf	111.21	3	Horizontal	186	1.80	79	31.83	5.68	32.46
AV	5.1746G	104.85	Inf	-Inf	99.79	3	Horizontal	186	1.80	79	31.85	5.67	32.46

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

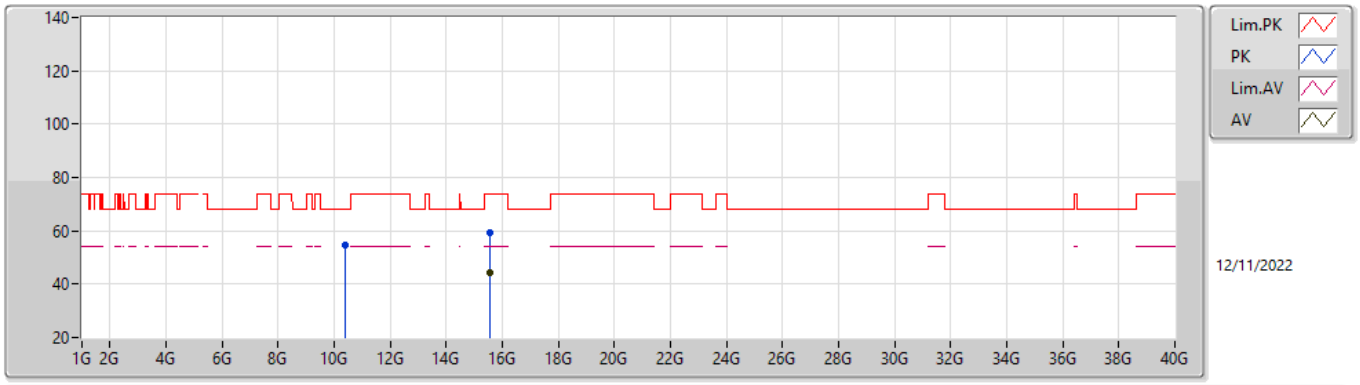


EUT Y_4TX
SET 79
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36248G	54.20	68.20	-14.00	48.56	3	Vertical	226	1.80	79	39.95	8.26	42.57
PK	15.54892G	56.61	74.00	-17.39	49.86	3	Vertical	-0	1.80	79	38.41	10.30	41.96
AV	15.55564G	43.40	54.00	-10.60	36.69	3	Vertical	-0	1.80	79	38.37	10.30	41.96

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

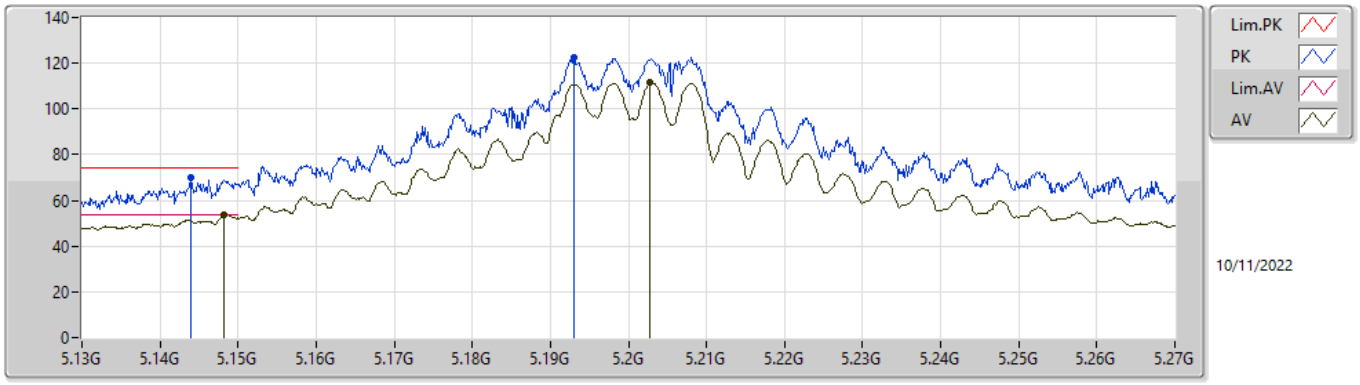


EUT Y_4TX
SET 79
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37744G	54.48	68.20	-13.72	48.78	3	Horizontal	142	1.80	79	40.01	8.27	42.58
PK	15.5452G	59.10	74.00	-14.90	52.34	3	Horizontal	132	1.80	79	38.43	10.30	41.97
AV	15.54016G	44.46	54.00	-9.54	37.68	3	Horizontal	132	1.80	79	38.46	10.29	41.97

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

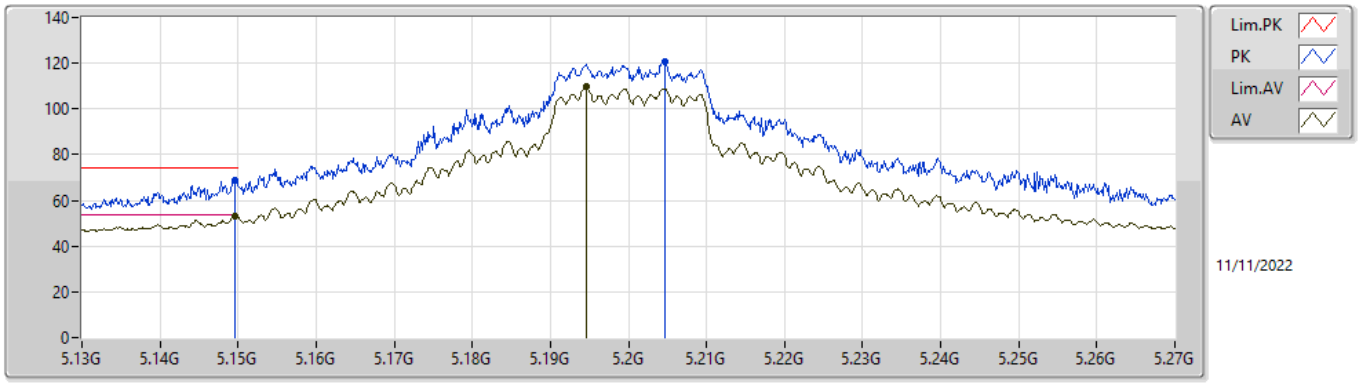


EUT Y_4TX
SET 98
70\88\97\101\99\98
7.67\4.96\0.92\-1.53\-0.29\0.30

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14386G	70.10	74.00	-3.90	65.01	3	Vertical	26	2.22	98	31.91	5.64	32.46
AV	5.1482G	53.70	54.00	-0.30	48.61	3	Vertical	26	2.22	98	31.90	5.65	32.46
PK	5.193G	122.53	Inf	-Inf	117.49	3	Vertical	26	2.22	98	31.81	5.69	32.46
AV	5.2028G	111.47	Inf	-Inf	106.44	3	Vertical	26	2.22	98	31.79	5.70	32.46

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

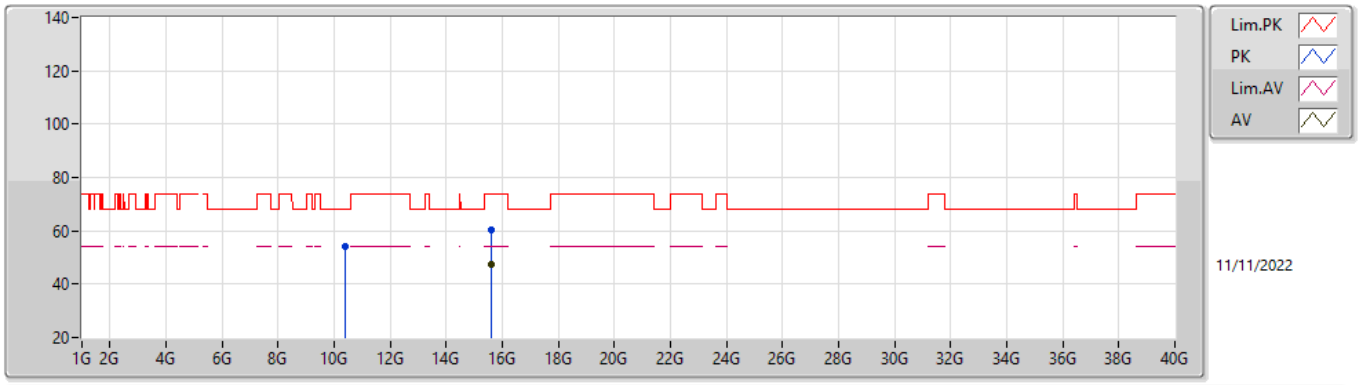


EUT Y_4TX
SET 98
98
0.84

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	68.84	74.00	-5.16	63.75	3	Horizontal	182	1.80	98	31.90	5.65	32.46
AV	5.1496G	53.16	54.00	-0.84	48.07	3	Horizontal	182	1.80	98	31.90	5.65	32.46
PK	5.20462G	120.41	Inf	-Inf	115.38	3	Horizontal	182	1.80	98	31.78	5.71	32.46
AV	5.19454G	109.54	Inf	-Inf	104.50	3	Horizontal	182	1.80	98	31.81	5.69	32.46

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

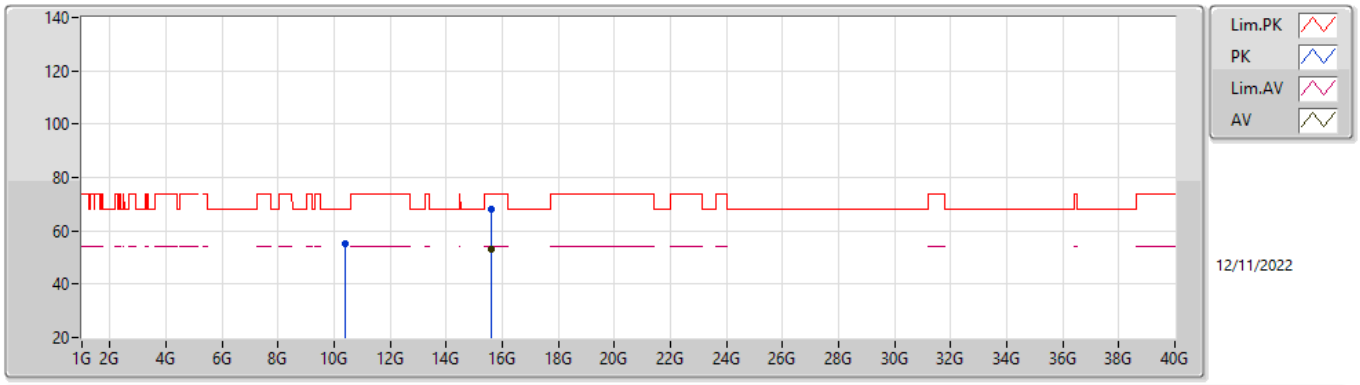


EUT Y_4TX
SET 98
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41076G	54.03	68.20	-14.17	48.23	3	Vertical	237	1.01	98	40.11	8.28	42.59
PK	15.59876G	60.54	74.00	-13.46	54.06	3	Vertical	178	1.95	98	38.11	10.32	41.95
AV	15.5986G	47.33	54.00	-6.67	40.85	3	Vertical	178	1.95	98	38.11	10.32	41.95

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

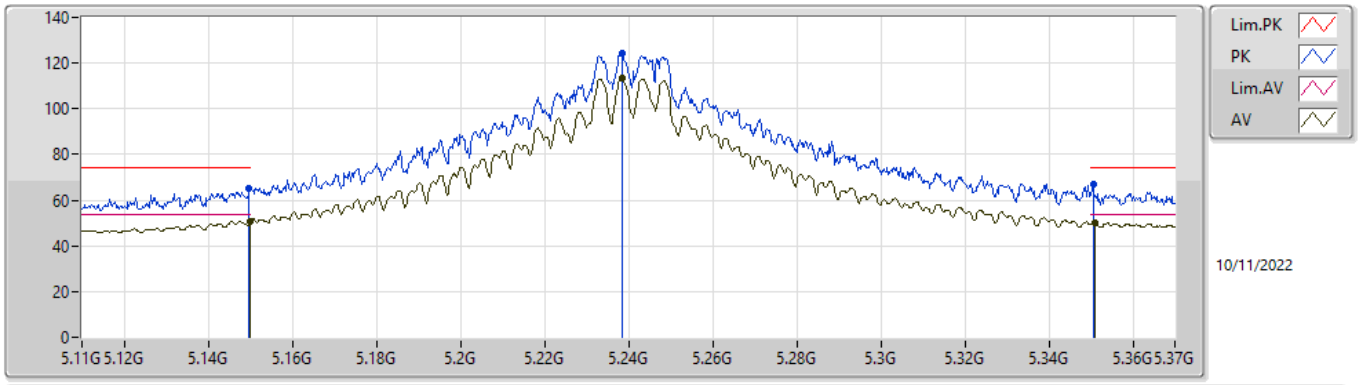


EUT Y_4TX
SET 98
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39636G	55.09	68.20	-13.11	49.30	3	Horizontal	120	1.72	98	40.09	8.28	42.58
PK	15.59556G	67.99	74.00	-6.01	61.49	3	Horizontal	138	1.80	98	38.13	10.32	41.95
AV	15.60056G	53.03	54.00	-0.97	46.56	3	Horizontal	138	1.80	98	38.10	10.32	41.95

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

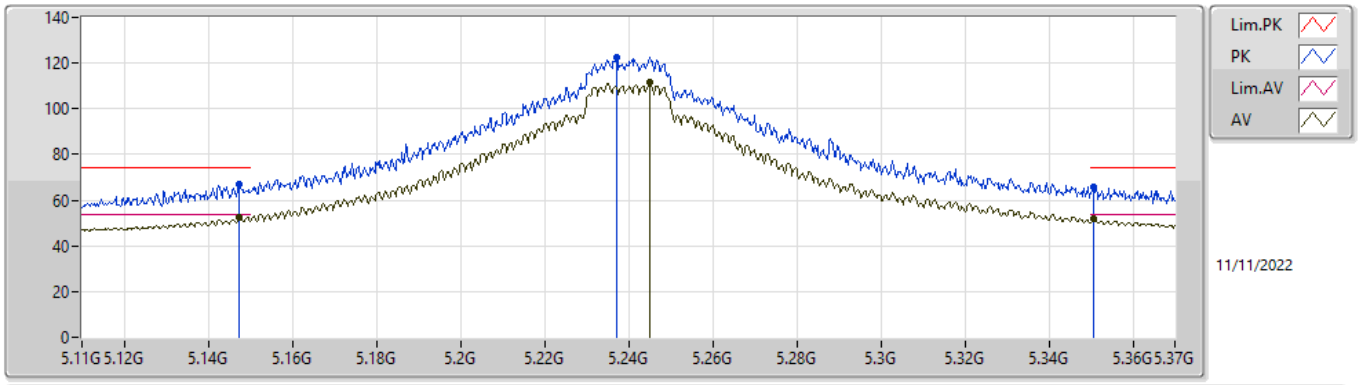


EUT Y_4TX
SET 103
70\88\97\101\103\104\105\104\103
7.85\6.92\6.36\6.31\3.87\2.60\-0.41\-0.41\3.11

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14978G	65.30	74.00	-8.70	60.21	3	Vertical	23	1.80	103	31.90	5.65	32.46
AV	5.15G	50.89	54.00	-3.11	45.80	3	Vertical	23	1.80	103	31.90	5.65	32.46
PK	5.23844G	124.22	Inf	-Inf	119.28	3	Vertical	23	1.80	103	31.65	5.76	32.47
AV	5.23844G	113.41	Inf	-Inf	108.47	3	Vertical	23	1.80	103	31.65	5.76	32.47
PK	5.3505G	66.70	74.00	-7.30	61.95	3	Vertical	23	1.80	103	31.30	5.93	32.48
AV	5.35102G	50.05	54.00	-3.95	45.30	3	Vertical	23	1.80	103	31.30	5.93	32.48

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

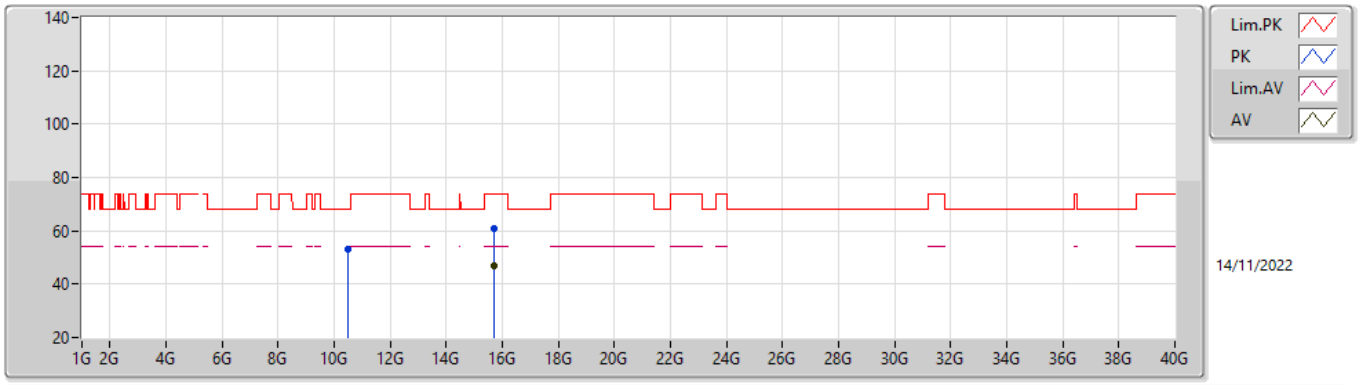


EUT Y_4TX
SET 103
103
1.46

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14744G	67.12	74.00	-6.88	62.02	3	Horizontal	182	2.94	103	31.91	5.65	32.46
AV	5.14744G	52.54	54.00	-1.46	47.44	3	Horizontal	182	2.94	103	31.91	5.65	32.46
PK	5.23714G	122.47	Inf	-Inf	117.53	3	Horizontal	182	2.94	103	31.65	5.76	32.47
AV	5.2452G	111.55	Inf	-Inf	106.63	3	Horizontal	182	2.94	103	31.62	5.77	32.47
PK	5.35076G	65.83	74.00	-8.17	61.08	3	Horizontal	182	2.94	103	31.30	5.93	32.48
AV	5.35076G	51.91	54.00	-2.09	47.16	3	Horizontal	182	2.94	103	31.30	5.93	32.48

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

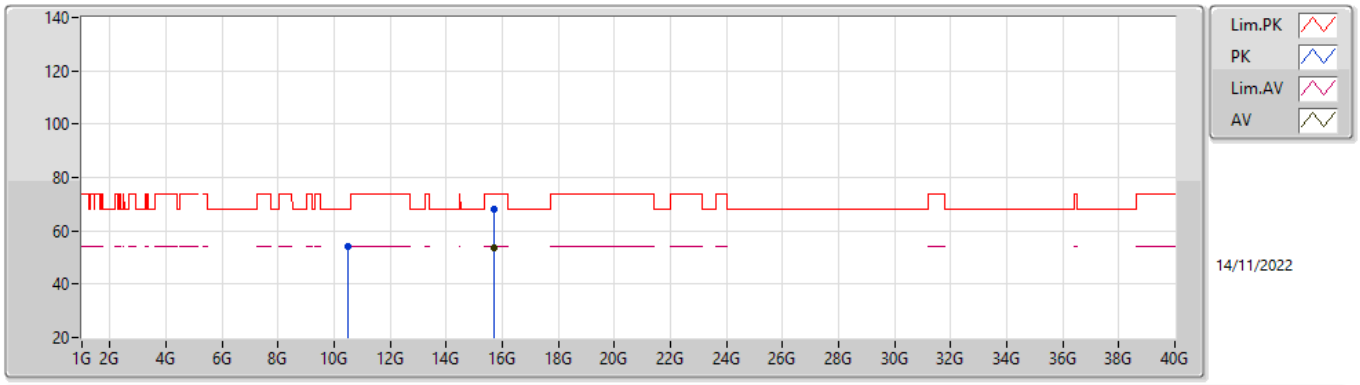


EUT Y_4TX
SET 98
01-E-P-5

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	10.47439G	53.33	68.20	-14.87	47.45	3	Vertical	10	2.40	-	40.17	8.31	42.60
PK	15.72273G	60.88	74.00	-13.12	54.51	3	Vertical	136	2.44	-	37.90	10.38	41.91
AV	15.71802G	46.73	54.00	-7.27	40.37	3	Vertical	136	2.44	-	37.90	10.37	41.91

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

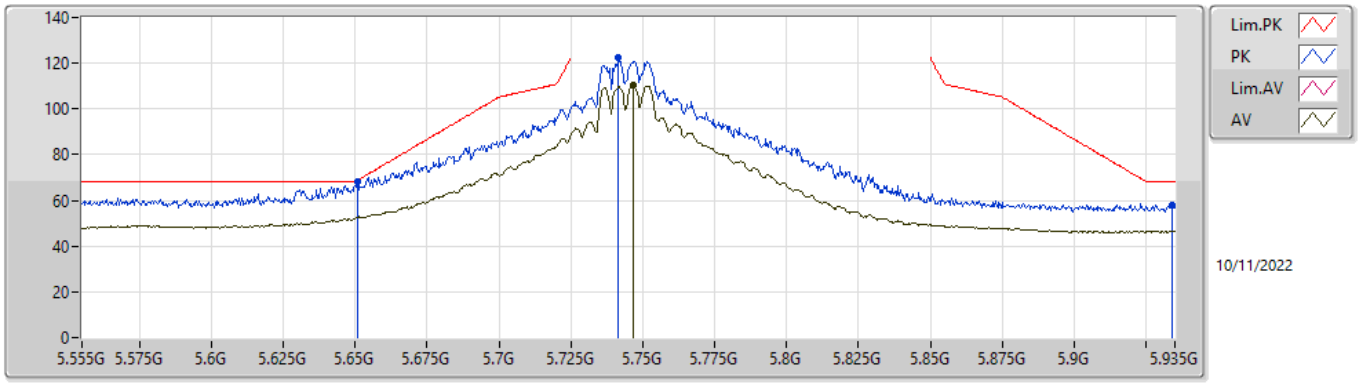


EUT Y_4TX
SET 98
01-E-P-5

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	10.4713G	53.98	68.20	-14.22	48.10	3	Horizontal	303	2.71	-	40.17	8.31	42.60
PK	15.711G	68.17	74.00	-5.83	61.81	3	Horizontal	143	1.80	-	37.90	10.37	41.91
AV	15.72081G	53.64	54.00	-0.36	47.28	3	Horizontal	143	1.80	-	37.90	10.37	41.91

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

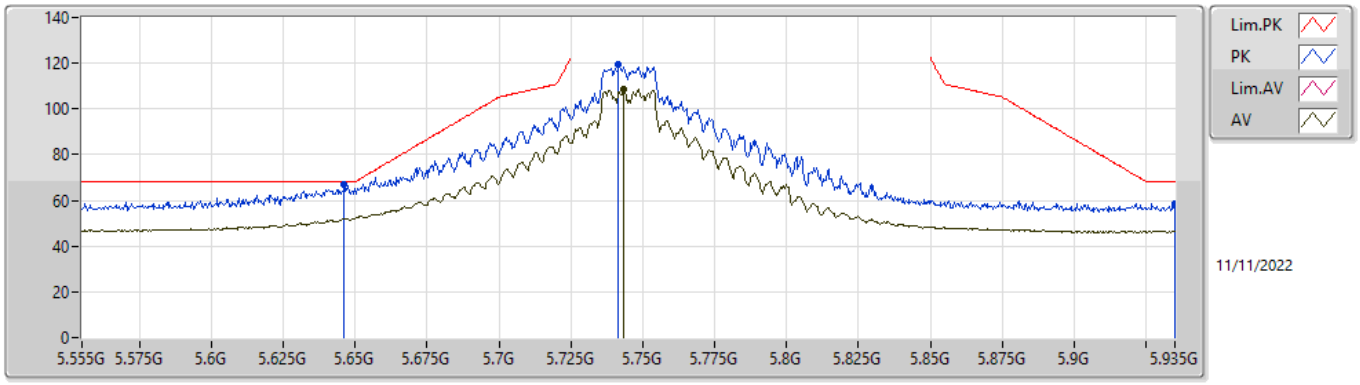


EUT Y_4TX
SET 103
70\88\97\101\103
9.53\9.19\8.43\8.85\0.37

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65076G	68.39	68.76	-0.37	63.01	3	Vertical	38	1.73	103	31.80	6.03	32.45
PK	5.74158G	122.22	Inf	-Inf	116.40	3	Vertical	38	1.73	103	32.17	6.07	32.42
AV	5.7469G	110.29	Inf	-Inf	104.45	3	Vertical	38	1.73	103	32.19	6.07	32.42
PK	5.93424G	58.14	68.20	-10.06	51.87	3	Vertical	38	1.73	103	32.60	6.03	32.36

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

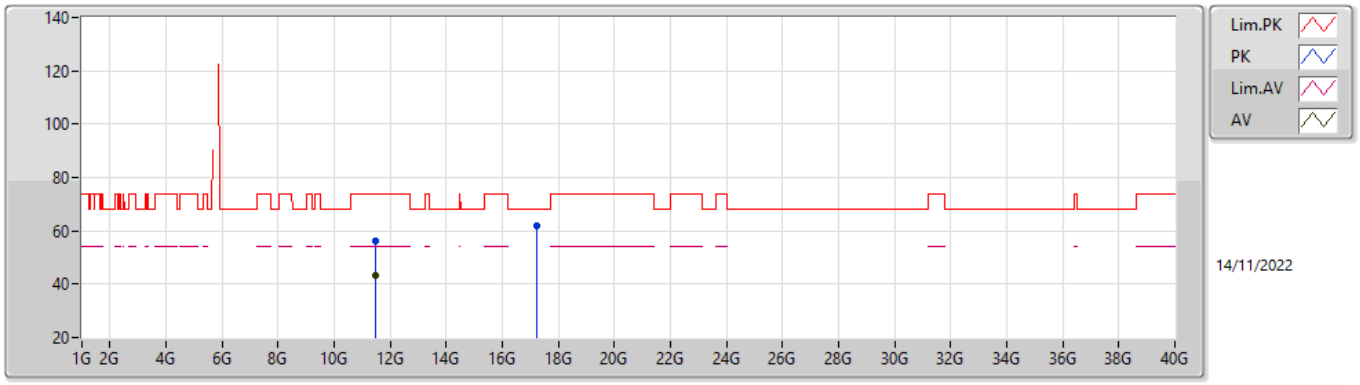


EUT Y_4TX
SET 102
103\100\101\102
-0.05\9.31\9.29\1.23

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6462G	66.97	68.20	-1.23	61.59	3	Horizontal	200	2.15	102	31.81	6.02	32.45
PK	5.74158G	119.35	Inf	-Inf	113.53	3	Horizontal	200	2.15	102	32.17	6.07	32.42
AV	5.74348G	108.68	Inf	-Inf	102.86	3	Horizontal	200	2.15	102	32.17	6.07	32.42
PK	5.935G	58.53	68.20	-9.67	52.26	3	Horizontal	200	2.15	102	32.60	6.03	32.36

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

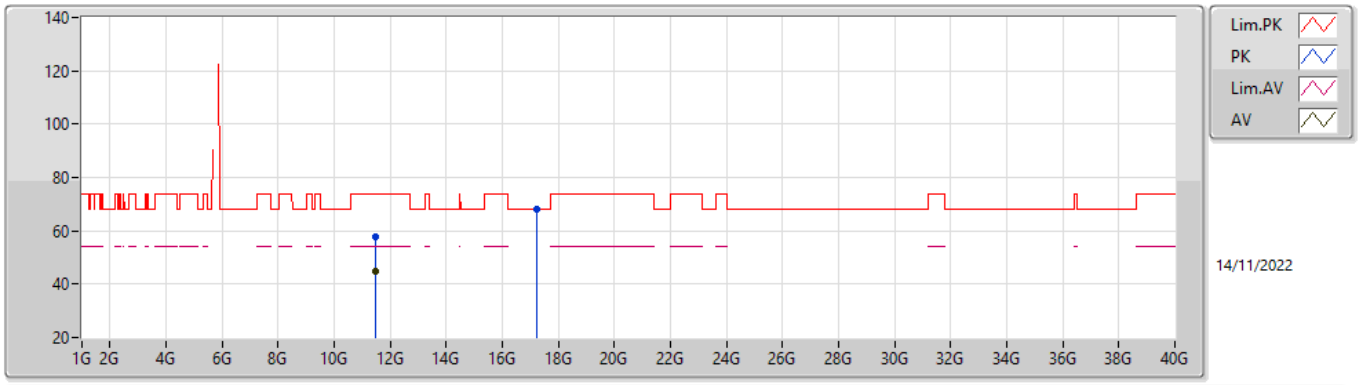


EUT Y_4TX
SET 94
01-E-P-5

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	11.48847G	56.12	74.00	-17.88	49.98	3	Vertical	234.2	2.13	-	40.10	8.77	42.73
AV	11.48859G	43.18	54.00	-10.82	37.04	3	Vertical	234.2	2.13	-	40.10	8.77	42.73
PK	17.23464G	61.73	68.20	-6.47	51.08	3	Vertical	138	1.80	-	41.37	11.12	41.84

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

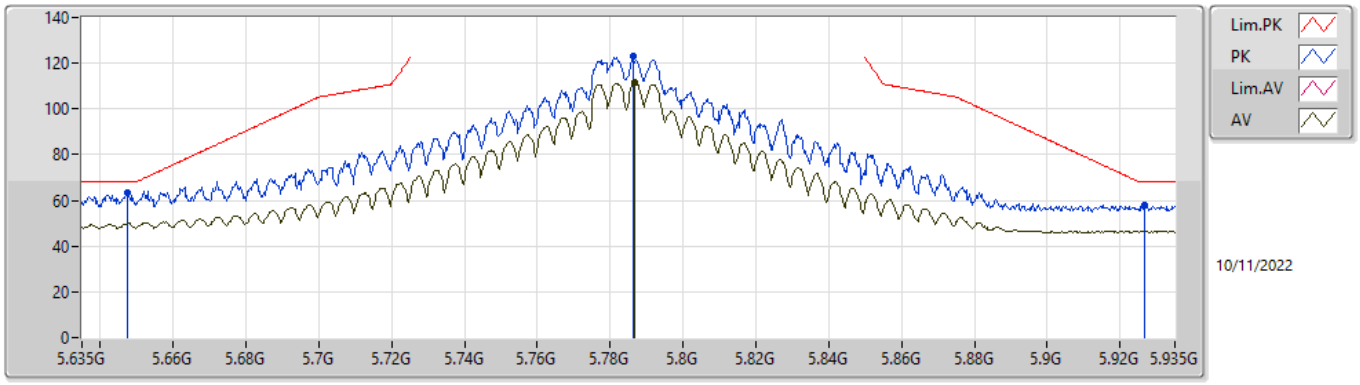


EUT Y_4TX
SET 94
01-E-P-5

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	11.48907G	57.72	74.00	-16.28	51.58	3	Horizontal	130.8	2.02	-	40.10	8.77	42.73
AV	11.48883G	44.83	54.00	-9.17	38.69	3	Horizontal	130.8	2.02	-	40.10	8.77	42.73
PK	17.23197G	67.90	68.20	-0.30	57.26	3	Horizontal	141	1.74	-	41.36	11.12	41.84

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

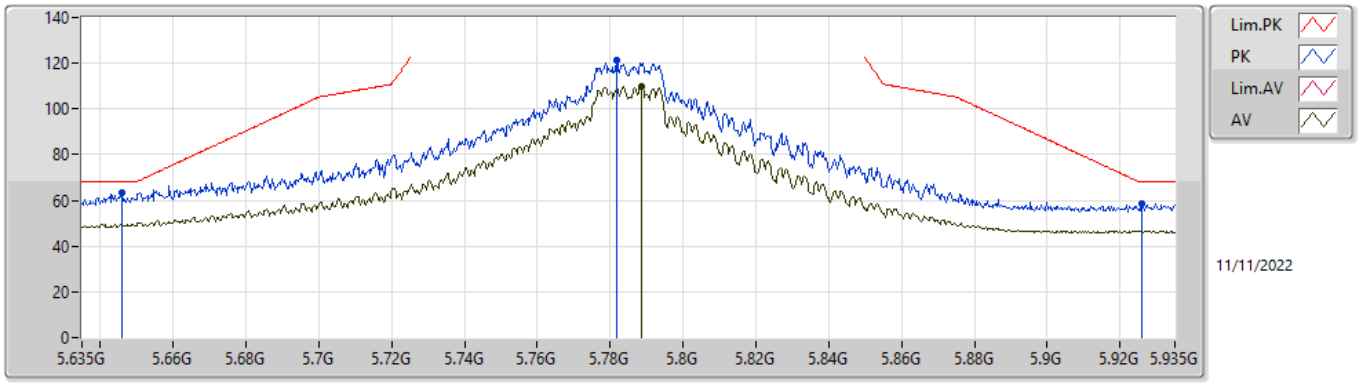


EUT Y_4TX
SET 108
70\88\97\101\103\104\108
10.39\9.55\8.03\9.18\8.00\6.74\4.67

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6473G	63.53	68.20	-4.67	58.15	3	Vertical	36	1.80	108	31.81	6.02	32.45
PK	5.7862G	122.83	Inf	-Inf	116.88	3	Vertical	36	1.80	108	32.27	6.09	32.41
AV	5.7868G	111.35	Inf	-Inf	105.40	3	Vertical	36	1.80	108	32.27	6.09	32.41
PK	5.9266G	57.99	68.20	-10.21	51.71	3	Vertical	36	1.80	108	32.60	6.04	32.36

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

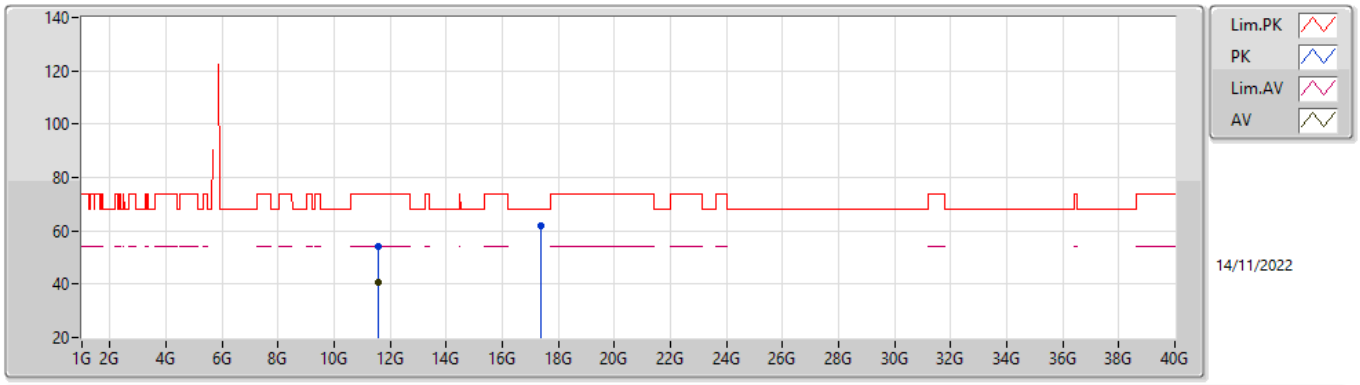


EUT Y_4TX
SET 108
108
5.02

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6461G	63.18	68.20	-5.02	57.80	3	Horizontal	196	2.42	108	31.81	6.02	32.45
PK	5.7817G	121.23	Inf	-Inf	115.29	3	Horizontal	196	2.42	108	32.26	6.09	32.41
AV	5.7886G	109.74	Inf	-Inf	103.78	3	Horizontal	196	2.42	108	32.28	6.09	32.41
PK	5.926G	58.57	68.20	-9.63	52.29	3	Horizontal	196	2.42	108	32.60	6.04	32.36

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

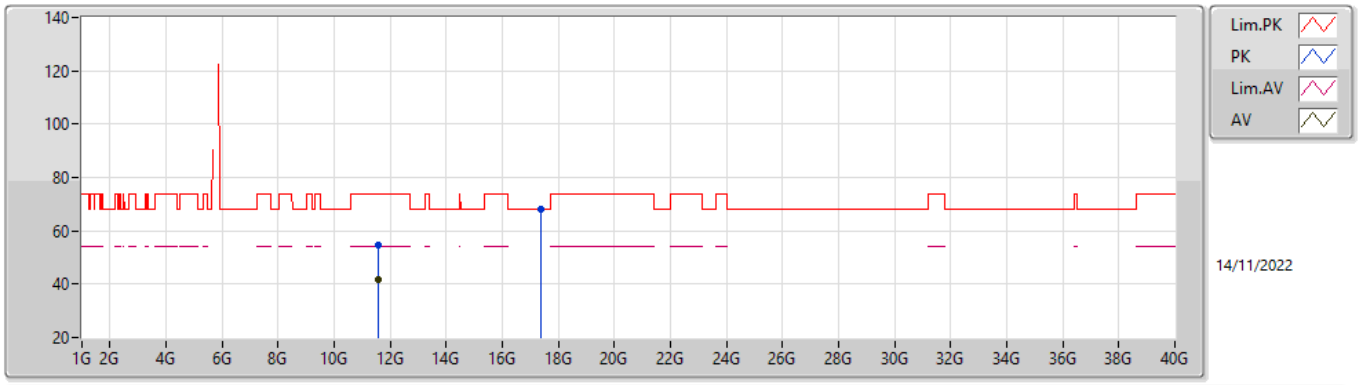


EUT Y_4TX
SET 90
01-E-P-5

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	11.57516G	53.99	74.00	-20.01	47.96	3	Vertical	35	2.79	-	39.95	8.81	42.73
AV	11.58497G	40.65	54.00	-13.35	34.65	3	Vertical	35	2.79	-	39.93	8.81	42.74
PK	17.35905G	62.03	68.20	-6.17	50.62	3	Vertical	130	1.80	-	42.09	11.18	41.86

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

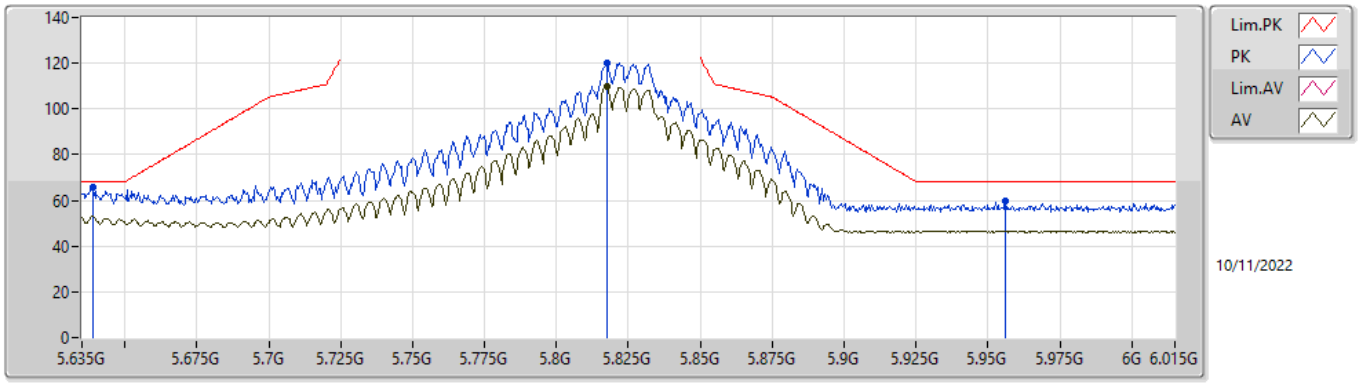


EUT Y_4TX
SET 90
01-E-P-5

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	11.56379G	54.66	74.00	-19.34	48.62	3	Horizontal	31	2.19	-	39.97	8.80	42.73
AV	11.56892G	41.67	54.00	-12.33	35.63	3	Horizontal	31	2.19	-	39.96	8.81	42.73
PK	17.36205G	67.95	68.20	-0.25	56.51	3	Horizontal	140	1.75	-	42.12	11.18	41.86

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

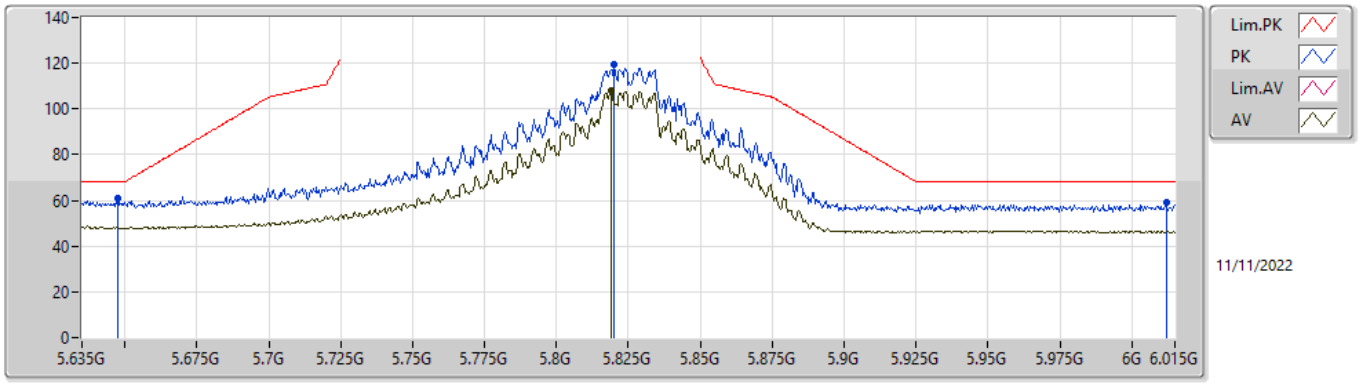


EUT Y_4TX
SET 108
70\88\97\101\103\104\108
8.72\9.54\8.21\9.42\4.20\6.80\2.45

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6388G	65.75	68.20	-2.45	60.37	3	Vertical	36	1.79	108	31.82	6.02	32.46
PK	5.81778G	120.20	Inf	-Inf	114.21	3	Vertical	36	1.79	108	32.30	6.09	32.40
AV	5.8174G	109.53	Inf	-Inf	103.54	3	Vertical	36	1.79	108	32.30	6.09	32.40
PK	5.9561G	59.47	68.20	-8.73	53.21	3	Vertical	36	1.79	108	32.59	6.02	32.35

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

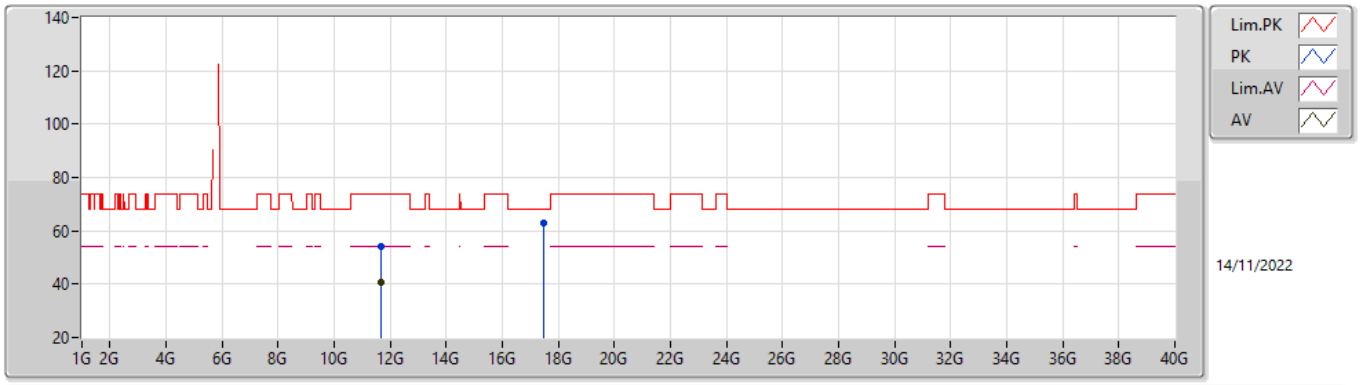


EUT Y_4TX
SET 108
108
7.28

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64754G	60.92	68.20	-7.28	55.55	3	Horizontal	203	2.53	108	31.80	6.02	32.45
PK	5.82006G	119.60	Inf	-Inf	113.61	3	Horizontal	203	2.53	108	32.30	6.09	32.40
AV	5.81892G	107.75	Inf	-Inf	101.76	3	Horizontal	203	2.53	108	32.30	6.09	32.40
PK	6.01196G	58.87	68.20	-9.33	52.70	3	Horizontal	203	2.53	108	32.52	6.01	32.36

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

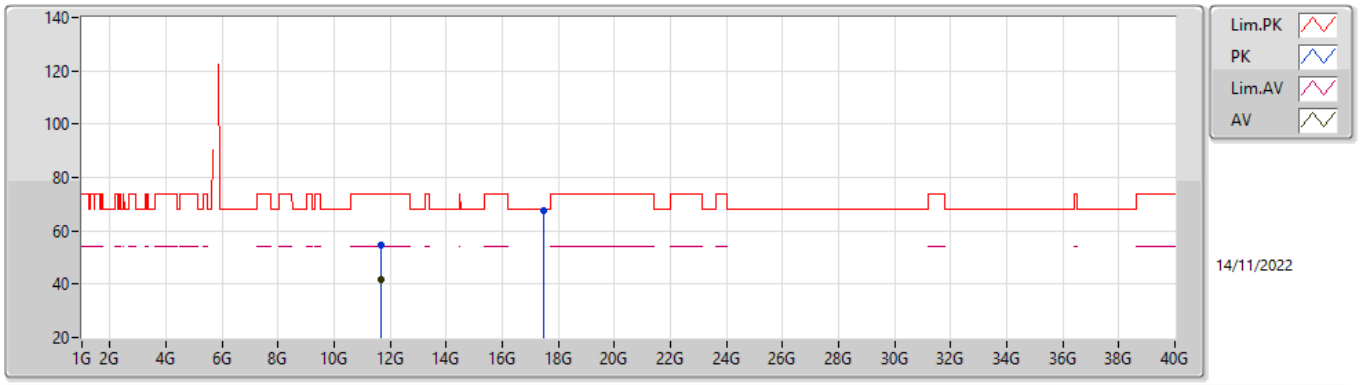


EUT Y_4TX
SET 91
01-E-P-5

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	11.6548G	54.36	74.00	-19.64	48.69	3	Vertical	114	1.83	-	39.57	8.84	42.74
AV	11.65567G	40.48	54.00	-13.52	34.80	3	Vertical	114	1.83	-	39.57	8.85	42.74
PK	17.47773G	62.90	68.20	-5.30	50.27	3	Vertical	133	1.80	-	43.28	11.24	41.89

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

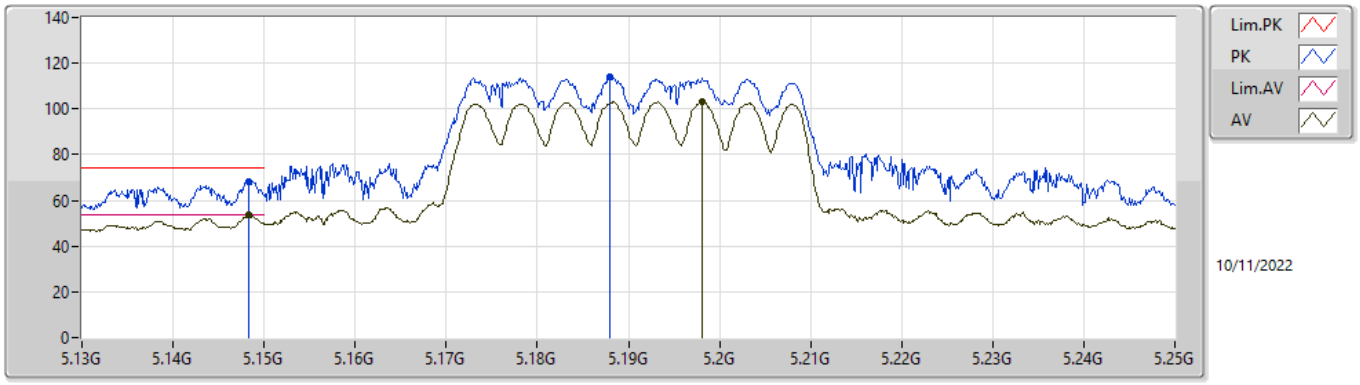


EUT Y_4TX
SET 91
01-E-P-5

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	11.64865G	54.54	74.00	-19.46	48.83	3	Horizontal	103	2.81	-	39.61	8.84	42.74
AV	11.64892G	41.66	54.00	-12.34	35.95	3	Horizontal	103	2.81	-	39.61	8.84	42.74
PK	17.46585G	67.65	68.20	-0.55	55.14	3	Horizontal	166	2.95	-	43.16	11.23	41.88

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

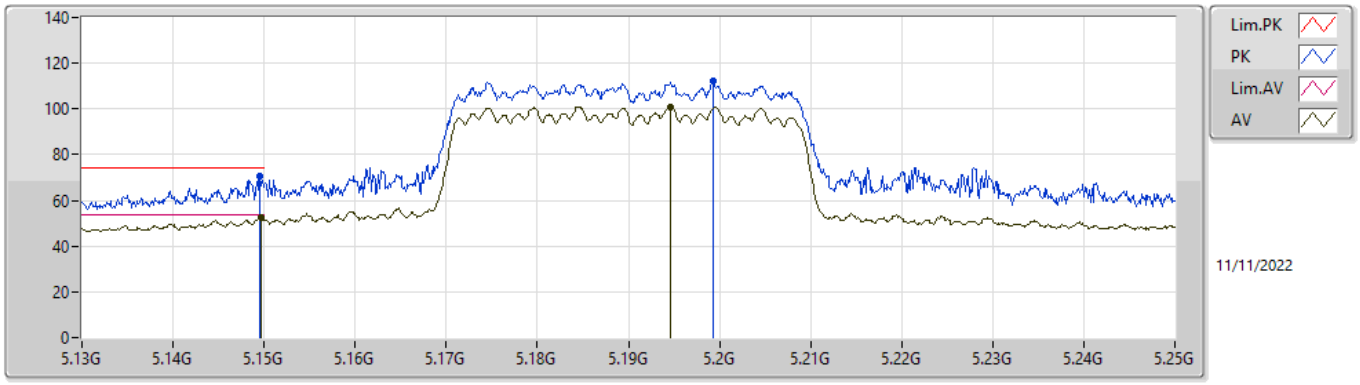


EUT Y_4TX
SET 73
70\88\79\75\73
3.02\-15.76\-5.50\-0.89\0.49

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14824G	68.22	74.00	-5.78	63.13	3	Vertical	26	1.80	73	31.90	5.65	32.46
AV	5.14836G	53.51	54.00	-0.49	48.42	3	Vertical	26	1.80	73	31.90	5.65	32.46
PK	5.18796G	114.01	Inf	-Inf	108.96	3	Vertical	26	1.80	73	31.82	5.69	32.46
AV	5.19816G	102.96	Inf	-Inf	97.92	3	Vertical	26	1.80	73	31.80	5.70	32.46

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

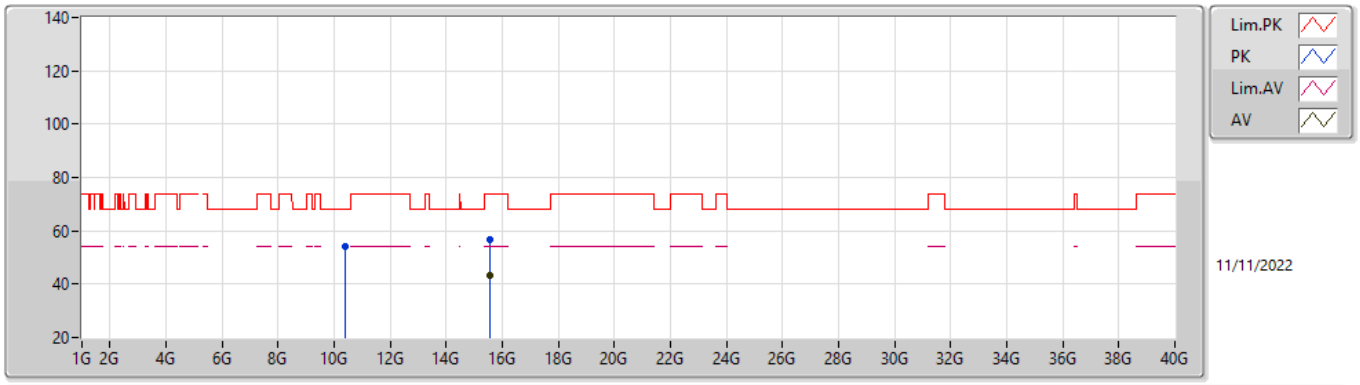


EUT Y_4TX
SET 73
73
1.35

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14956G	70.61	74.00	-3.39	65.52	3	Horizontal	185	1.80	73	31.90	5.65	32.46
AV	5.14968G	52.65	54.00	-1.35	47.56	3	Horizontal	185	1.80	73	31.90	5.65	32.46
PK	5.19924G	112.19	Inf	-Inf	107.15	3	Horizontal	185	1.80	73	31.80	5.70	32.46
AV	5.19456G	101.00	Inf	-Inf	95.96	3	Horizontal	185	1.80	73	31.81	5.69	32.46

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

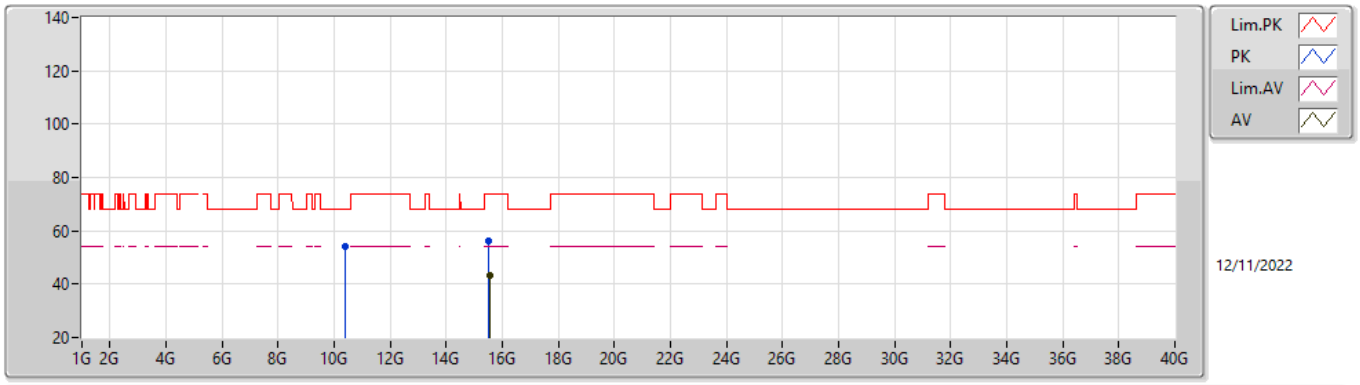


EUT Y_4TX
SET 73
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37328G	54.10	68.20	-14.10	48.41	3	Vertical	192	1.67	73	39.99	8.27	42.57
PK	15.56304G	56.50	74.00	-17.50	49.84	3	Vertical	280	1.80	73	38.32	10.30	41.96
AV	15.55992G	43.38	54.00	-10.62	36.70	3	Vertical	280	1.80	73	38.34	10.30	41.96

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

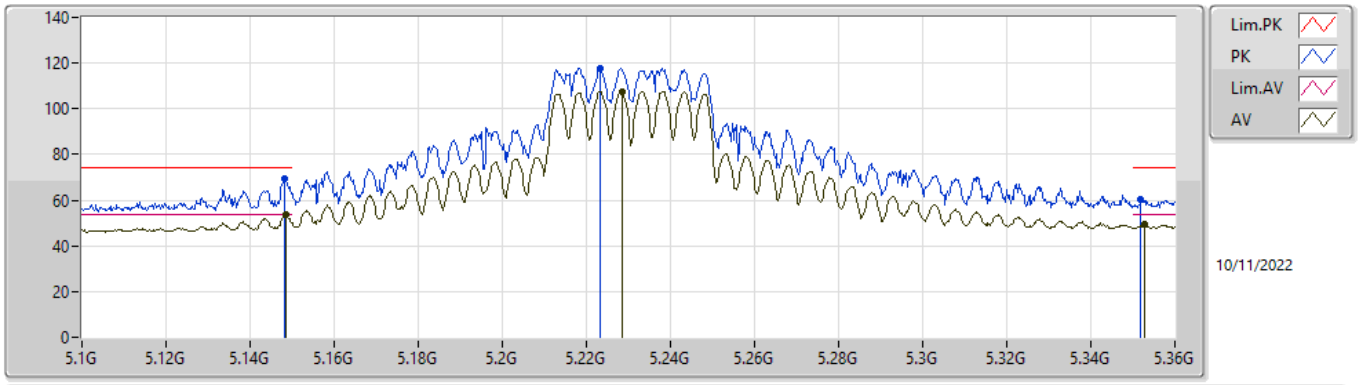


EUT Y_4TX
SET 73
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3876G	54.04	68.20	-14.16	48.30	3	Horizontal	213	1.42	73	40.05	8.27	42.58
PK	15.53224G	56.28	74.00	-17.72	49.45	3	Horizontal	85	2.66	73	38.51	10.29	41.97
AV	15.56296G	43.26	54.00	-10.74	36.60	3	Horizontal	85	2.66	73	38.32	10.30	41.96

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

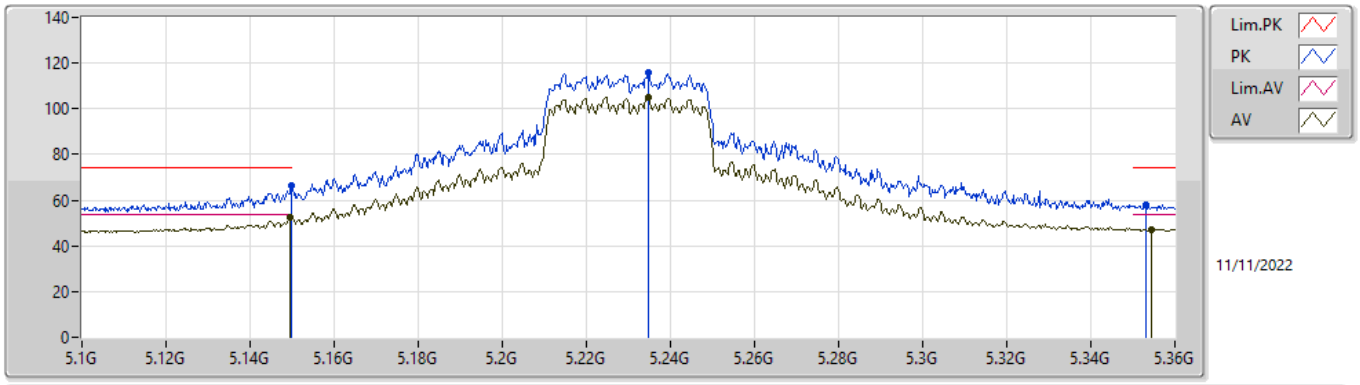


EUT Y_4TX
SET 90
70\88\97\93\91\90
7.02\2.07\-4.33\-1.40\-0.29\0.42

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1481G	69.28	74.00	-4.72	64.19	3	Vertical	26	1.80	90	31.90	5.65	32.46
AV	5.14862G	53.58	54.00	-0.42	48.49	3	Vertical	26	1.80	90	31.90	5.65	32.46
PK	5.22324G	117.94	Inf	-Inf	112.97	3	Vertical	26	1.80	90	31.71	5.73	32.47
AV	5.22844G	107.51	Inf	-Inf	102.55	3	Vertical	26	1.80	90	31.69	5.74	32.47
PK	5.35194G	60.22	74.00	-13.78	55.46	3	Vertical	26	1.80	90	31.31	5.93	32.48
AV	5.35272G	49.43	54.00	-4.57	44.67	3	Vertical	26	1.80	90	31.31	5.93	32.48

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

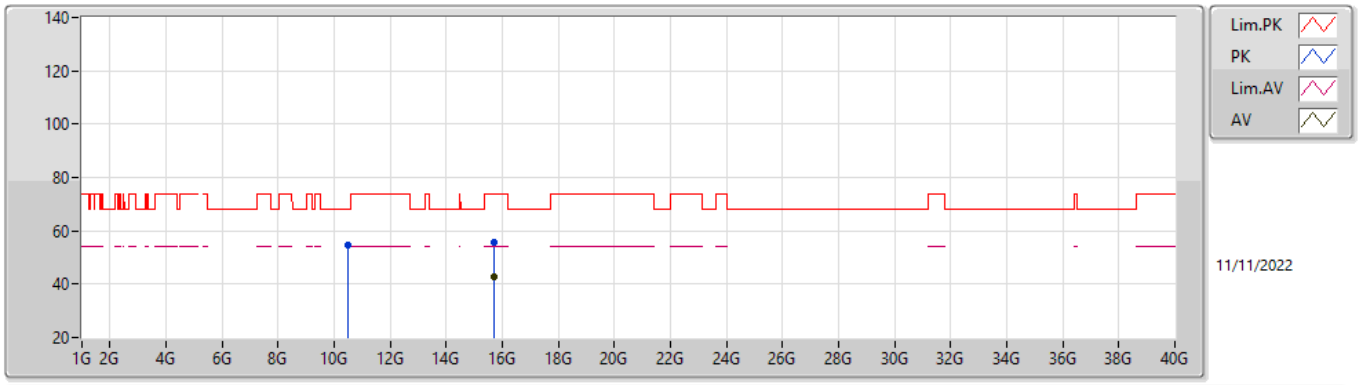


EUT Y_4TX
SET 90
90
1.53

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14992G	66.13	74.00	-7.87	61.04	3	Horizontal	181	1.80	90	31.90	5.65	32.46
AV	5.14966G	52.47	54.00	-1.53	47.38	3	Horizontal	181	1.80	90	31.90	5.65	32.46
PK	5.23468G	115.61	Inf	-Inf	110.67	3	Horizontal	181	1.80	90	31.66	5.75	32.47
AV	5.23468G	105.10	Inf	-Inf	100.16	3	Horizontal	181	1.80	90	31.66	5.75	32.47
PK	5.35298G	58.23	74.00	-15.77	53.47	3	Horizontal	181	1.80	90	31.31	5.93	32.48
AV	5.35428G	47.32	54.00	-6.68	42.55	3	Horizontal	181	1.80	90	31.32	5.93	32.48

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

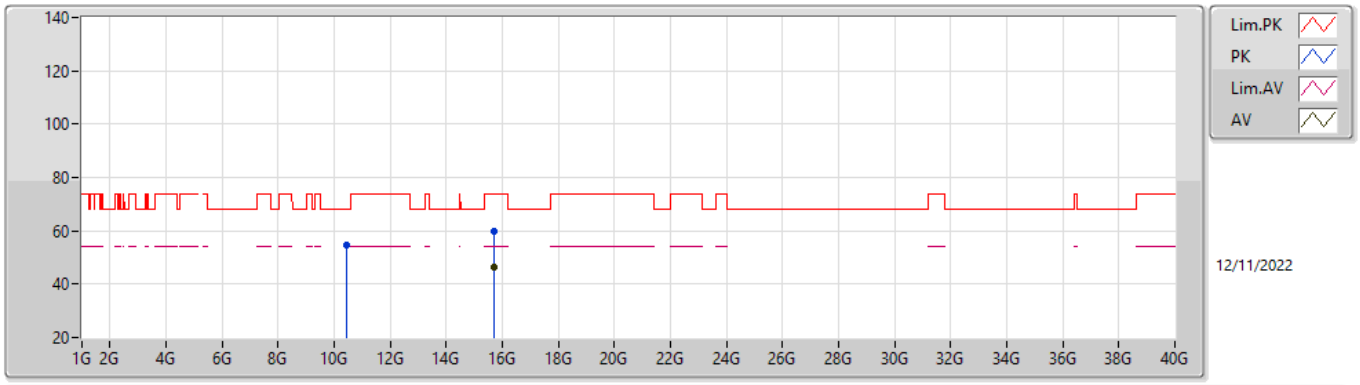


EUT Y_4TX
SET 90
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47856G	54.84	68.20	-13.36	48.94	3	Vertical	72	2.86	90	40.18	8.32	42.60
PK	15.68352G	55.93	74.00	-18.07	49.56	3	Vertical	120	2.18	90	37.93	10.36	41.92
AV	15.69992G	42.67	54.00	-11.33	36.33	3	Vertical	120	2.18	90	37.90	10.36	41.92

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

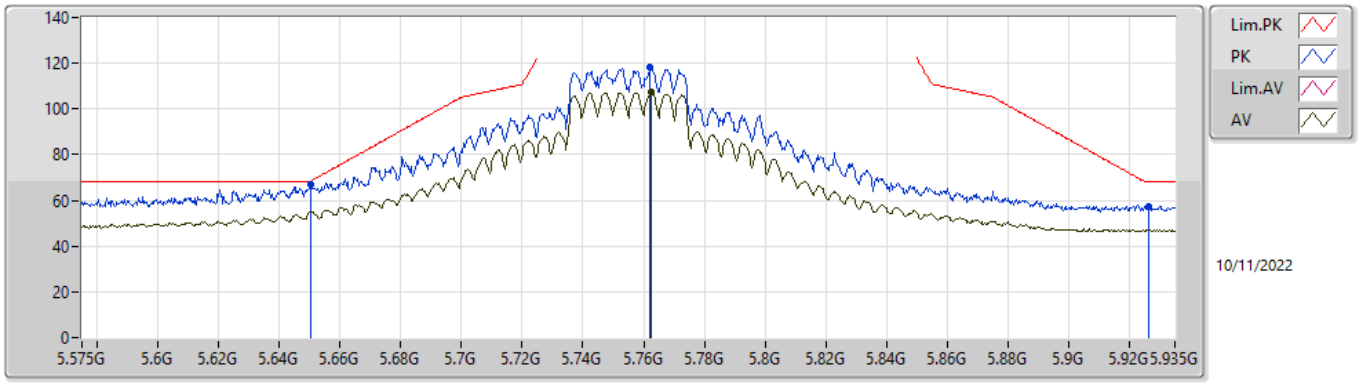


EUT Y_4TX
SET 90
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42672G	54.41	68.20	-13.79	48.58	3	Horizontal	215	2.88	90	40.13	8.29	42.59
PK	15.69976G	60.08	74.00	-13.92	53.74	3	Horizontal	132	1.80	90	37.90	10.36	41.92
AV	15.70024G	46.19	54.00	-7.81	39.84	3	Horizontal	132	1.80	90	37.90	10.37	41.92

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

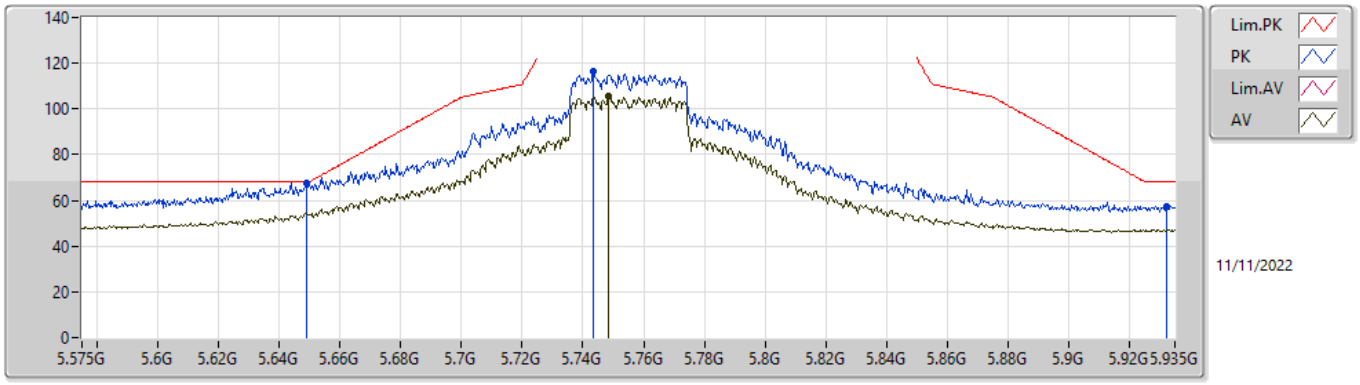


EUT Y_4TX
SET 104
70\88\97\101\103\104\105\106\105\104
9.68\7.57\5.02\3.24\0.61\0.56\1.09\-0.32\-0.86\1.45

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65024G	66.93	68.38	-1.45	61.55	3	Vertical	32	1.80	104	31.80	6.03	32.45
PK	5.7622G	118.19	Inf	-Inf	112.31	3	Vertical	32	1.80	104	32.22	6.08	32.42
AV	5.76256G	107.39	Inf	-Inf	101.50	3	Vertical	32	1.80	104	32.23	6.08	32.42
PK	5.92636G	57.61	68.20	-10.59	51.33	3	Vertical	32	1.80	104	32.60	6.04	32.36

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

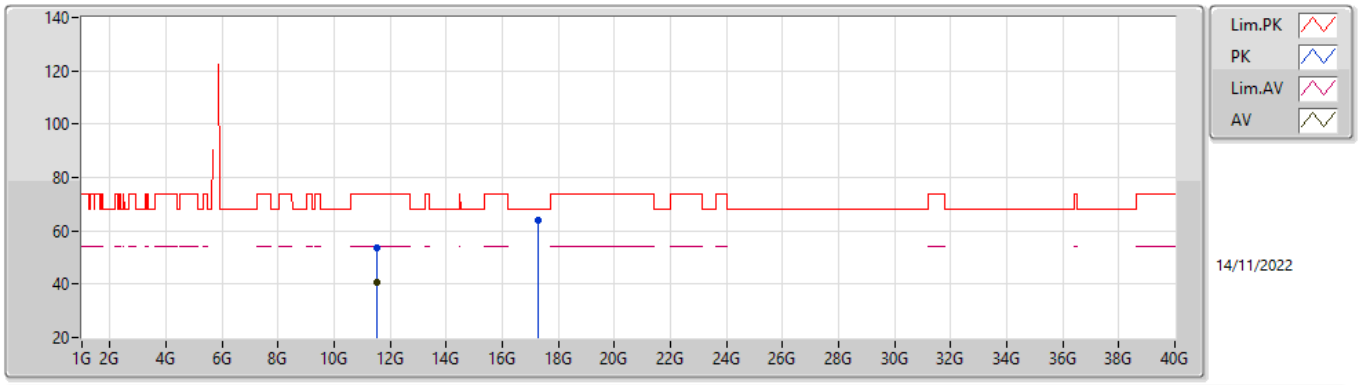


EUT Y_4TX
SET 103
104\101\102\103
-0.11\2.22\1.51\0.54

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64916G	67.66	68.20	-0.54	62.29	3	Horizontal	194	2.45	103	31.80	6.02	32.45
PK	5.74348G	116.19	Inf	-Inf	110.37	3	Horizontal	194	2.45	103	32.17	6.07	32.42
AV	5.74852G	105.51	Inf	-Inf	99.67	3	Horizontal	194	2.45	103	32.19	6.07	32.42
PK	5.93248G	57.50	68.20	-10.70	51.23	3	Horizontal	194	2.45	103	32.60	6.03	32.36

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

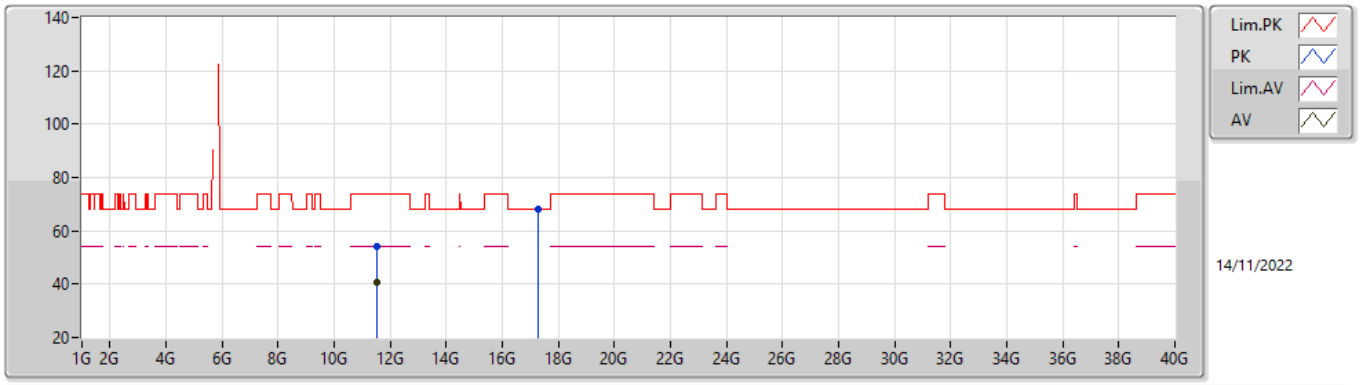


EUT Y_4TX
SET 104
01-E-P-5

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	11.51798G	53.44	74.00	-20.56	47.33	3	Vertical	173	1.48	-	40.06	8.78	42.73
AV	11.50034G	40.52	54.00	-13.48	34.37	3	Vertical	173	1.48	-	40.10	8.78	42.73
PK	17.27433G	63.90	68.20	-4.30	53.15	3	Vertical	138	1.78	-	41.45	11.14	41.84

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

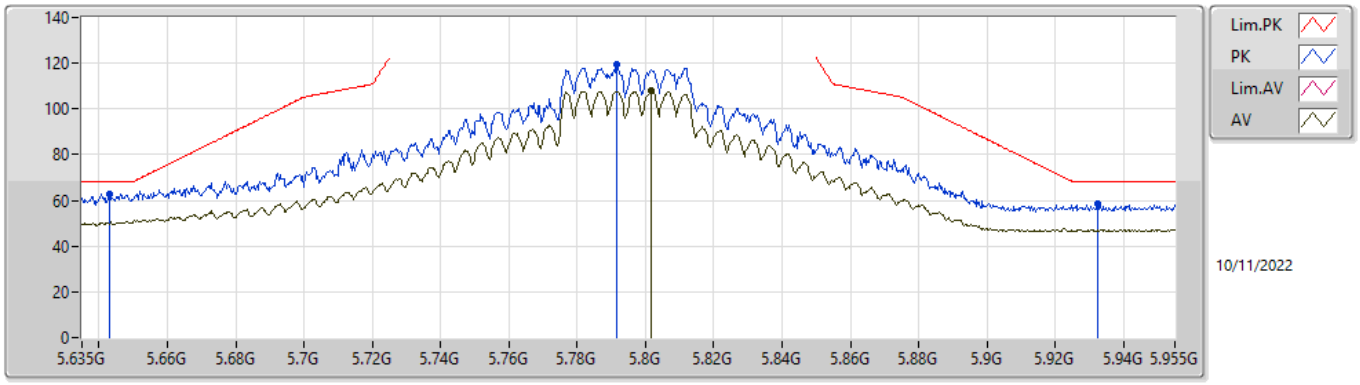


EUT Y_4TX
SET 104
01-E-P-5

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	11.51831G	54.10	74.00	-19.90	47.99	3	Horizontal	18	2.26	-	40.06	8.78	42.73
AV	11.52332G	40.85	54.00	-13.15	34.74	3	Horizontal	18	2.26	-	40.05	8.79	42.73
PK	17.2623G	67.98	68.20	-0.22	57.27	3	Horizontal	138	1.80	-	41.42	11.13	41.84

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

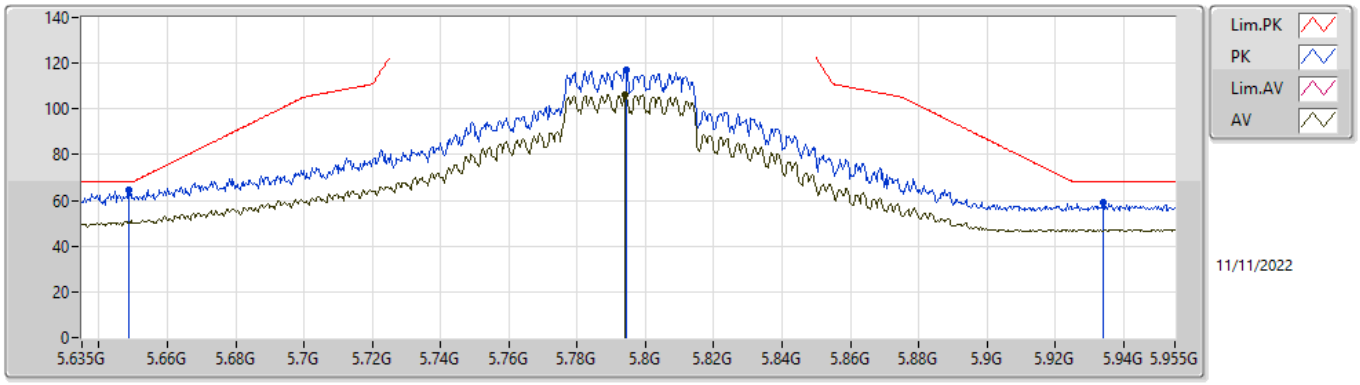


EUT Y_4TX
SET 107
70\88\97\101\103\104\108\106\107
10.37\9.44\8.83\8.07\4.41\7.01\-2.75\4.81\5.49

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.643G	62.71	68.20	-5.49	57.33	3	Vertical	37	1.80	107	31.81	6.02	32.45
PK	5.79148G	119.66	Inf	-Inf	113.69	3	Vertical	37	1.80	107	32.28	6.10	32.41
AV	5.80172G	107.91	Inf	-Inf	101.91	3	Vertical	37	1.80	107	32.30	6.10	32.40
PK	5.9326G	58.55	68.20	-9.65	52.28	3	Vertical	37	1.80	107	32.60	6.03	32.36

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

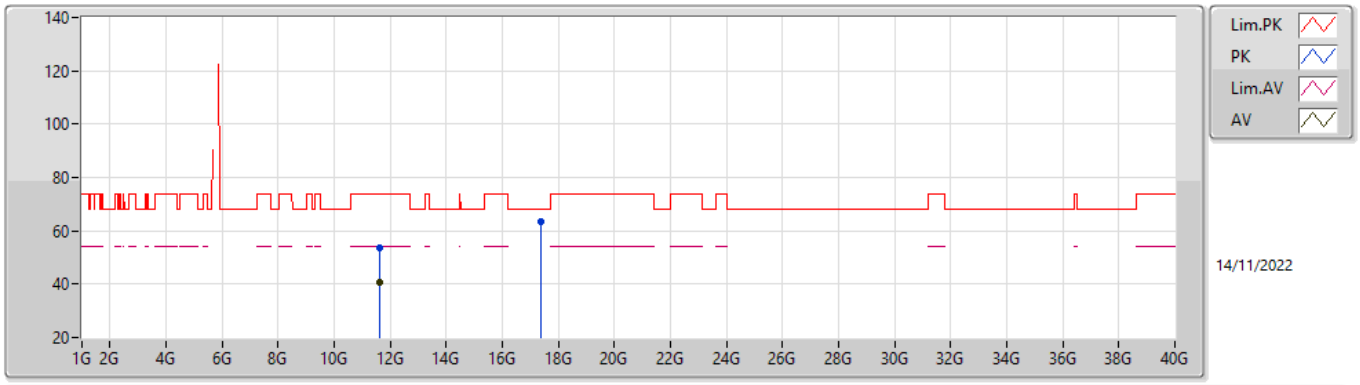


EUT Y_4TX
SET 107
107
3.50

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64876G	64.70	68.20	-3.50	59.33	3	Horizontal	203	2.53	107	31.80	6.02	32.45
PK	5.79436G	116.88	Inf	-Inf	110.90	3	Horizontal	203	2.53	107	32.29	6.10	32.41
AV	5.79404G	106.17	Inf	-Inf	100.19	3	Horizontal	203	2.53	107	32.29	6.10	32.41
PK	5.9342G	58.85	68.20	-9.35	52.58	3	Horizontal	203	2.53	107	32.60	6.03	32.36

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

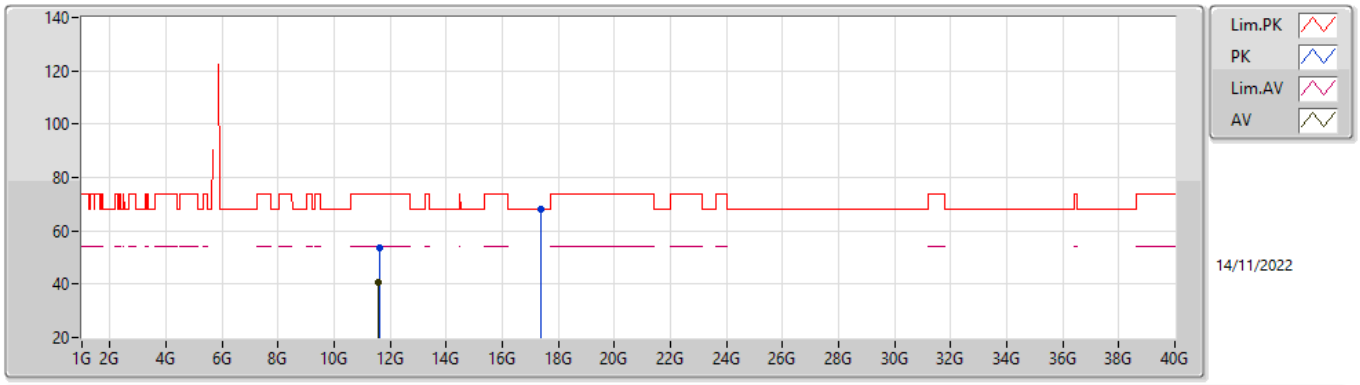


EUT Y_4TX
SET 98
01-E-P-5

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	11.60476G	53.64	74.00	-20.36	47.69	3	Vertical	168	2.38	-	39.87	8.82	42.74
AV	11.60449G	40.46	54.00	-13.54	34.51	3	Vertical	168	2.38	-	39.87	8.82	42.74
PK	17.3943G	63.29	68.20	-4.91	51.52	3	Vertical	138	1.75	-	42.44	11.20	41.87

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

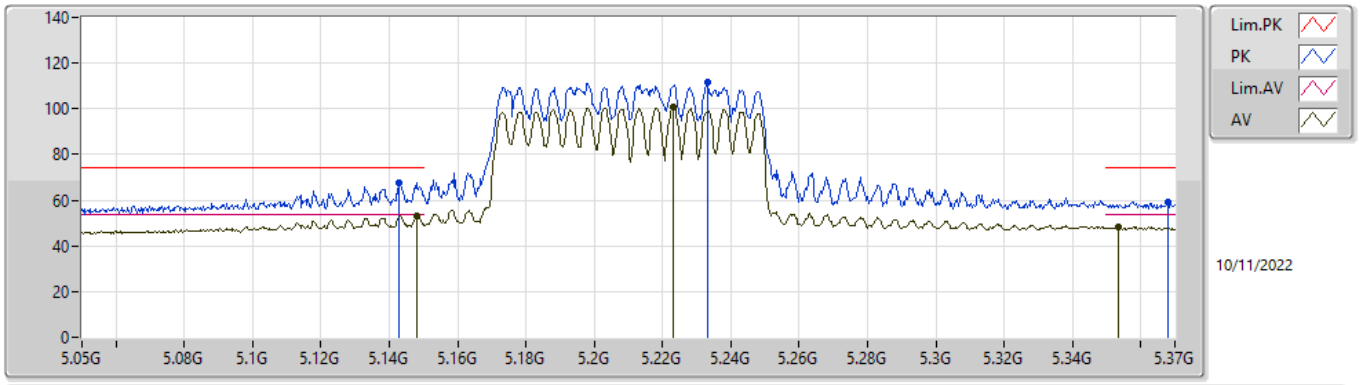


EUT Y_4TX
SET 98
01-E-P-5

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	11.60038G	53.68	74.00	-20.32	47.70	3	Horizontal	201	1.10	-	39.90	8.82	42.74
AV	11.58973G	40.46	54.00	-13.54	34.46	3	Horizontal	201	1.10	-	39.92	8.82	42.74
PK	17.37708G	67.99	68.20	-0.21	56.40	3	Horizontal	140	2.46	-	42.27	11.19	41.87

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

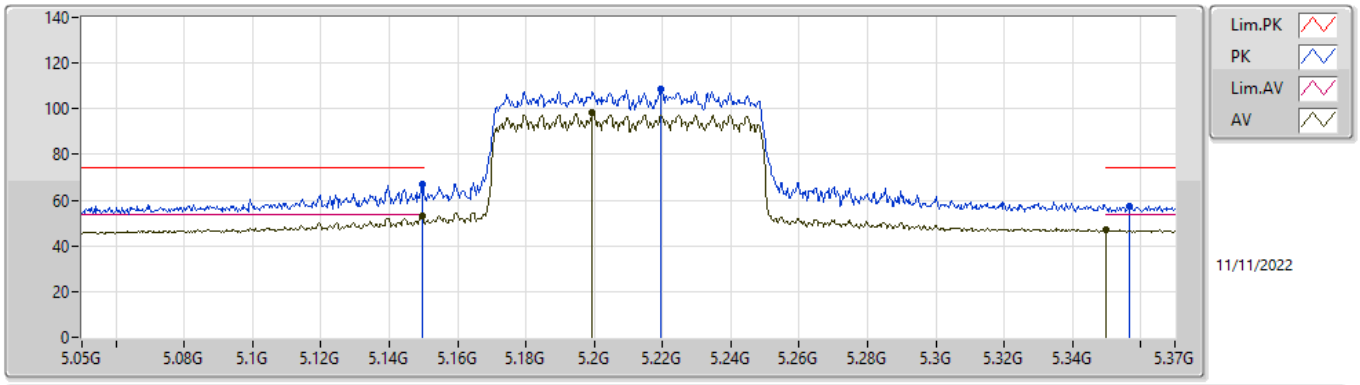


EUT Y_4TX
SET 73
70\82\76\73\74\73
2.38\-8.80\-2.02\0.68\-0.20\0.75

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1428G	67.68	74.00	-6.32	62.59	3	Vertical	26	2.24	73	31.91	5.64	32.46
AV	5.14824G	53.25	54.00	-0.75	48.16	3	Vertical	26	2.24	73	31.90	5.65	32.46
PK	5.23304G	111.71	Inf	-Inf	106.76	3	Vertical	26	2.24	73	31.67	5.75	32.47
AV	5.22312G	100.54	Inf	-Inf	95.57	3	Vertical	26	2.24	73	31.71	5.73	32.47
PK	5.36808G	59.15	74.00	-14.85	54.31	3	Vertical	26	2.24	73	31.37	5.95	32.48
AV	5.35336G	48.45	54.00	-5.55	43.69	3	Vertical	26	2.24	73	31.31	5.93	32.48

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

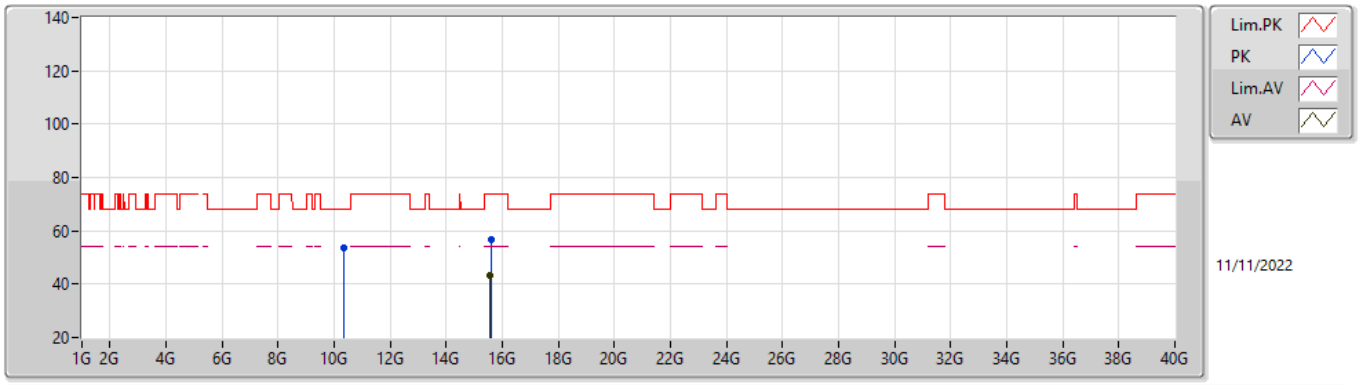


EUT Y_4TX
SET 73
73
0.79

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14984G	66.91	74.00	-7.09	61.82	3	Horizontal	183	1.77	73	31.90	5.65	32.46
AV	5.14952G	53.21	54.00	-0.79	48.12	3	Horizontal	183	1.77	73	31.90	5.65	32.46
PK	5.2196G	108.89	Inf	-Inf	103.91	3	Horizontal	183	1.77	73	31.72	5.73	32.47
AV	5.19944G	98.53	Inf	-Inf	93.49	3	Horizontal	183	1.77	73	31.80	5.70	32.46
PK	5.35656G	57.39	74.00	-16.61	52.61	3	Horizontal	183	1.77	73	31.33	5.93	32.48
AV	5.35G	47.18	54.00	-6.82	42.44	3	Horizontal	183	1.77	73	31.30	5.92	32.48

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

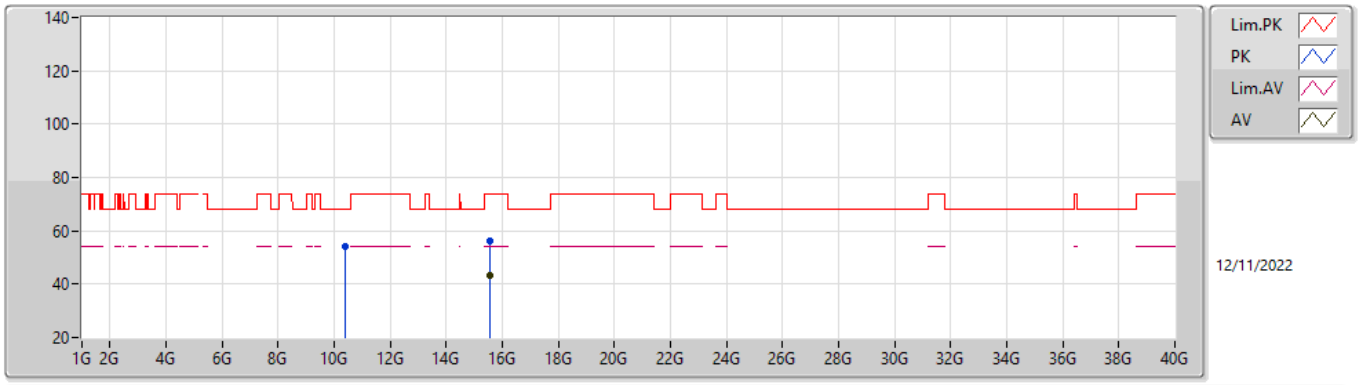


EUT Y_4TX
SET 73
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36272G	53.57	68.20	-14.63	47.93	3	Vertical	24	1.80	73	39.95	8.26	42.57
PK	15.61128G	56.95	74.00	-17.05	50.48	3	Vertical	286	1.49	73	38.08	10.33	41.94
AV	15.56152G	43.24	54.00	-10.76	36.57	3	Vertical	286	1.49	73	38.33	10.30	41.96

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

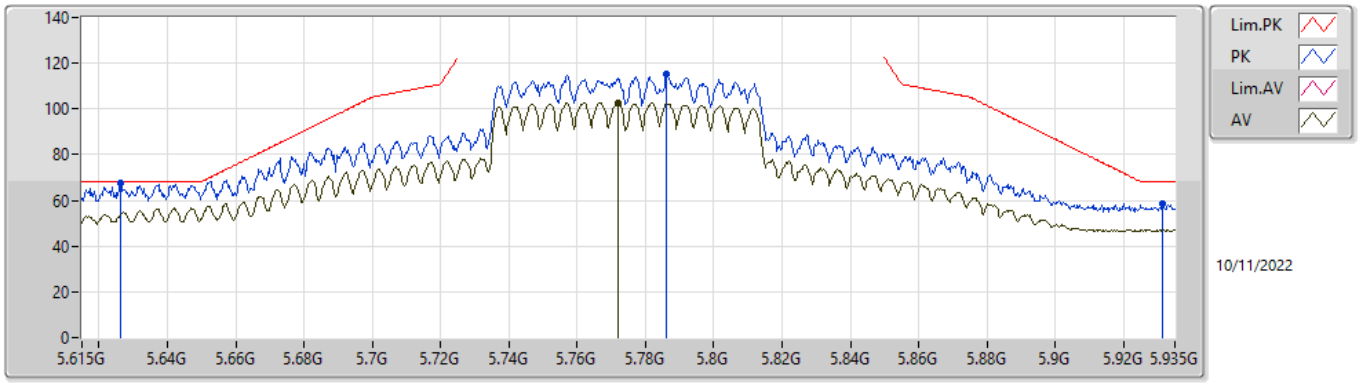


EUT Y_4TX
SET 73
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41152G	53.91	68.20	-14.29	48.10	3	Horizontal	360	1.72	73	40.11	8.29	42.59
PK	15.57064G	56.01	74.00	-17.99	49.38	3	Horizontal	76	1.17	73	38.28	10.31	41.96
AV	15.5764G	43.05	54.00	-10.95	36.46	3	Horizontal	76	1.17	73	38.24	10.31	41.96

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

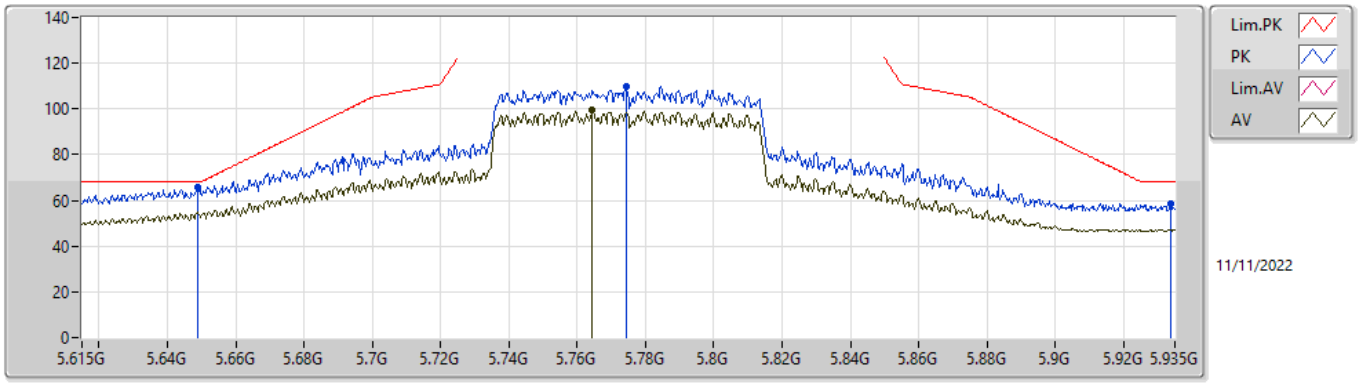


EUT Y_4TX
SET 92
70\88\97\93\91\92
8.82\3.24\-3.97\-0.19\0.93\0.43

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6262G	67.77	68.20	-0.43	62.37	3	Vertical	38	1.74	92	31.85	6.01	32.46
PK	5.7862G	115.15	Inf	-Inf	109.20	3	Vertical	38	1.74	92	32.27	6.09	32.41
AV	5.7718G	102.77	Inf	-Inf	96.85	3	Vertical	38	1.74	92	32.24	6.09	32.41
PK	5.93148G	58.41	68.20	-9.79	52.14	3	Vertical	38	1.74	92	32.60	6.03	32.36

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

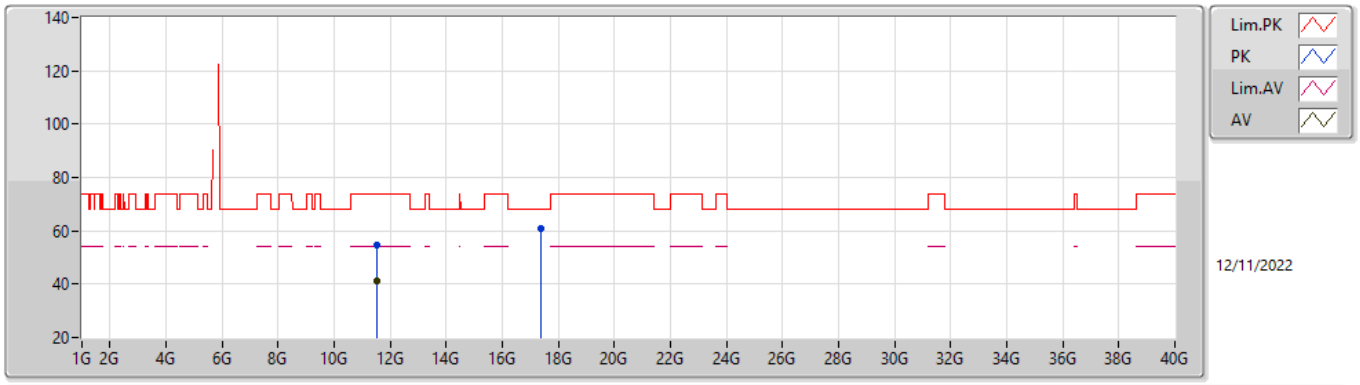


EUT Y_4TX
SET 92
92
2.31

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64892G	65.89	68.20	-2.31	60.52	3	Horizontal	174	1.77	92	31.80	6.02	32.45
PK	5.77436G	109.78	Inf	-Inf	103.85	3	Horizontal	174	1.77	92	32.25	6.09	32.41
AV	5.76444G	99.44	Inf	-Inf	93.55	3	Horizontal	174	1.77	92	32.23	6.08	32.42
PK	5.93372G	58.28	68.20	-9.92	52.01	3	Horizontal	174	1.77	92	32.60	6.03	32.36

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

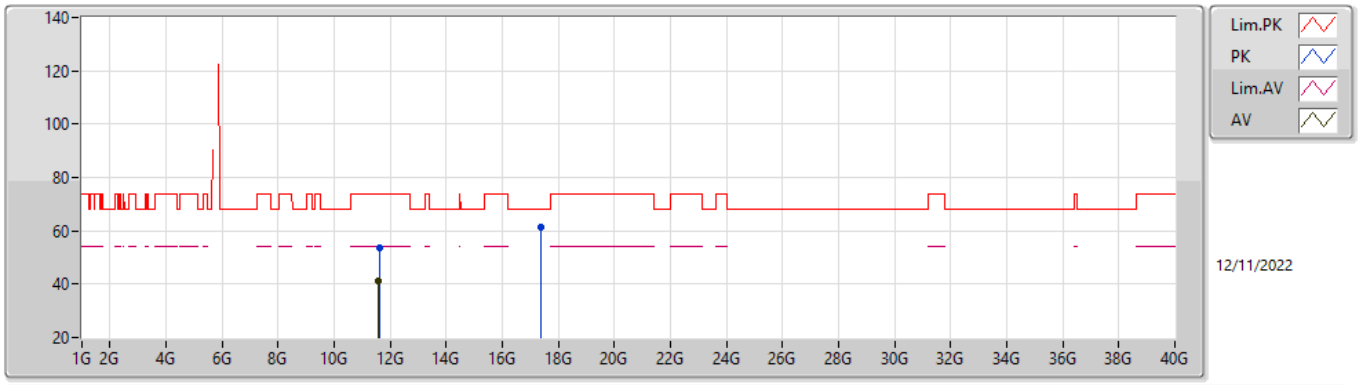


EUT Y_4TX
SET 85
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54568G	54.41	74.00	-19.59	48.33	3	Vertical	264	1.80	85	40.01	8.80	42.73
AV	11.5452G	41.41	54.00	-12.59	35.33	3	Vertical	264	1.80	85	40.01	8.80	42.73
PK	17.3642G	60.84	68.20	-7.36	49.38	3	Vertical	50	1.80	85	42.14	11.18	41.86

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX



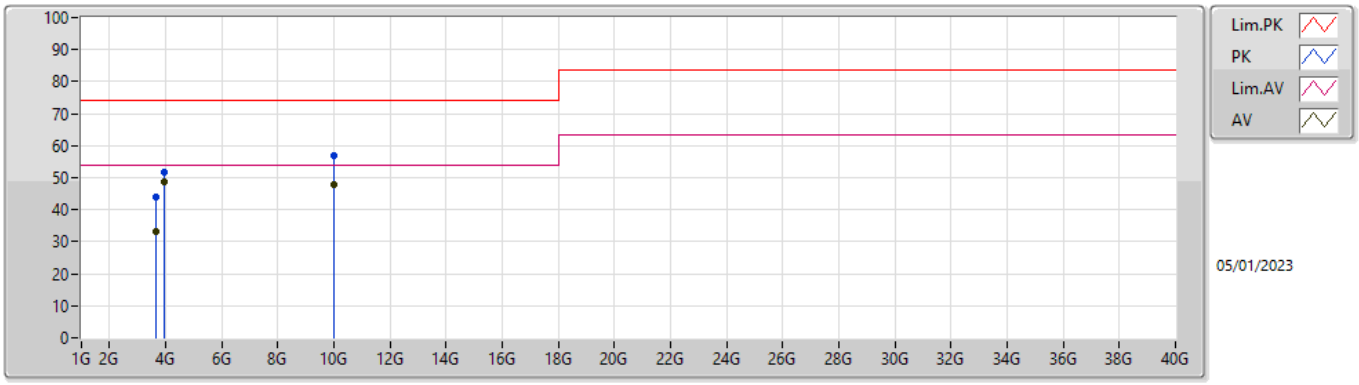
EUT Y_4TX
SET 85
03-C--

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59944G	53.87	74.00	-20.13	47.89	3	Horizontal	0	1.80	85	39.90	8.82	42.74
AV	11.59496G	41.10	54.00	-12.90	35.11	3	Horizontal	0	1.80	85	39.91	8.82	42.74
PK	17.3618G	61.31	68.20	-6.89	49.87	3	Horizontal	140	1.72	85	42.12	11.18	41.86

Summary

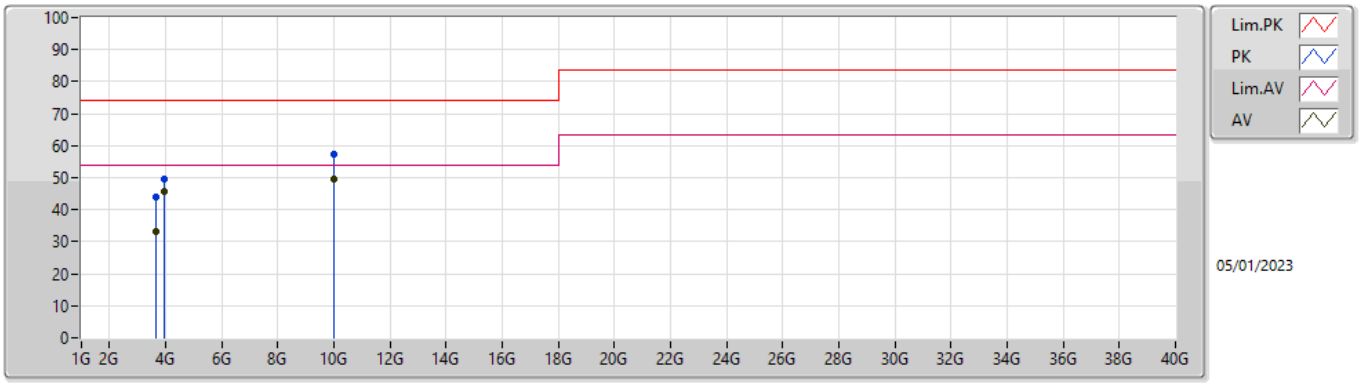
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	9.99995G	49.39	54.00	-4.61	Horizontal

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	3.66648G	43.89	74.00	-30.11	2.07	3	Vertical	360	1.50	-	41.82	29.27	6.05	33.25
AV	3.66666G	33.24	54.00	-20.76	2.07	3	Vertical	360	1.50	-	31.17	29.27	6.05	33.25
PK	3.97G	51.92	74.00	-22.08	2.90	3	Vertical	140	1.00	-	49.02	29.86	6.23	33.19
AV	3.96993G	48.70	54.00	-5.30	2.90	3	Vertical	140	1.00	"Worst"	45.80	29.86	6.23	33.19
PK	9.99988G	56.99	74.00	-17.01	14.82	3	Vertical	134	1.00	-	42.17	39.20	9.97	34.35
AV	9.99991G	47.83	54.00	-6.17	14.82	3	Vertical	134	1.00	-	33.01	39.20	9.97	34.35

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	3.66708G	43.81	74.00	-30.19	2.07	3	Horizontal	106	1.39	-	41.74	29.27	6.05	33.25
AV	3.66659G	33.20	54.00	-20.80	2.07	3	Horizontal	106	1.39	-	31.13	29.27	6.05	33.25
PK	3.96998G	49.54	74.00	-24.46	2.90	3	Horizontal	223	1.92	-	46.64	29.86	6.23	33.19
AV	3.96994G	45.68	54.00	-8.32	2.90	3	Horizontal	223	1.92	-	42.78	29.86	6.23	33.19
PK	9.99994G	57.29	74.00	-16.71	14.82	3	Horizontal	115	1.50	-	42.47	39.20	9.97	34.35
AV	9.99995G	49.39	54.00	-4.61	14.82	3	Horizontal	115	1.50	"Worst"	34.57	39.20	9.97	34.35