Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2A9R2-ATM-G1A
Equipment	:	ATOM Audio Mesh Wi-Fi
Brand Name	:	iMicro
Model Name	:	ATM-G1A
Applicant	:	iMicro Systems Inc. 8583 Irvine Center Drive #237, CA, 92618, USA
Manufacturer	:	iMicro Systems Inc. 8583 Irvine Center Drive #237, CA, 92618, USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Sep. 06, 2023, and testing was started from Sep. 15, 2023 and completed on Sep. 18, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR381847AB	01	Initial issue of report	Oct. 13, 2023
FR381847AB	02	Revising Manufacturer's information	Oct. 17, 2023
FR381847AB	03	Adding Bridge mode in section 1.1.6	Nov. 01, 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	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

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	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX

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

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz					
1	1	-	TAC	AC10204-01A	Dipole	I-Pex	4.3
2	2	-	TAC	AC10204-01B	Dipole	I-Pex	4.3
3	-	2	TAC	AC10506-01A	Dipole	I-Pex	5
4	-	3	TAC	AC10506-01B	Dipole	I-Pex	5
5	-	4	TAC	AC10506-01C	Dipole	I-Pex	5
6	-	1	TAC	AC10507-01	Dipole	I-Pex	5

Note 1: The above information was declared by manufacturer.
Note 2: Directional gain information

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

Ex.

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

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

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

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

Where ;

2.4G G1= 4.3 dBi ; G2= 4.3 dBi ;DG= 7.31dBi

5G G1= 5 dBi ; G2= 5 dBi ; G3= 5 dBi ; G4= 5 dBi ;DG= 11.02dBi

Note 3: **For 2.4GHz function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.94	0.27	1.978m	1k
802.11ax HEW20	0.778	1.09	5.449m	300
802.11ax HEW40	0.815	0.89	5.449m	300
802.11ax HEW80	0.772	1.12	5.449m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QSPR V_5.0-00202			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Information

EUT	Housing Color
1	White
2	Gray

Note 1: The EUT 1 and EUT 2 are identical except for the housing color; the EUT 1 was selected to test AC power-line conducted emissions and Unwanted Emissions below 1GHz, and the EUT 2 was selected to test other test items.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT supports Function

Function
AP Router
Bridge
Mesh

Note 1: The AP Router mode was tested and recorded in this test report.
Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	KJ Chang	22.6~23 / 62~66	Sep. 18, 2023
Radiated < 1GHz	03CH05-CB	George Fan	21.2-22.3 / 56-59	Sep. 15, 2023
Radiated > 1GHz	03CH01-CB	Eason chen	21.2-22.3 / 56-59	Sep. 15, 2023~ Sep. 16, 2023
AC Conduction	CO01-CB	Elvin Yeh	22~23 / 55~56	Sep. 15, 2023

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)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	17.5
5200MHz	17.5
5240MHz	17.5
5745MHz	23.5
5785MHz	23.5
5825MHz	23.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	17
5200MHz	17
5240MHz	17
5745MHz	23.5
5785MHz	23.5
5825MHz	23.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	20
5230MHz	20
5755MHz	23
5795MHz	23
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	20
5775MHz	22

Note:
- HEW20 / HEW40 / HEW80 covers HT20 / HT40 / VHT20 / VHT40 / VHT80 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / VHT80 is the same or lower than HEW20 / HEW40 / HEW80.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1 (AP Router mode) + Adapter

The Worst Case Mode for Following Conformance Tests		
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density	
Test Condition	Conducted measurement at transmit chains	
Test Mode	1	EUT 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT 1 (AP Router mode) in Y axis + Adapter
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT 2 in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 2_WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA381847 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**Remark**
Adapter	AtechOEM	A0605TD-190034	Input: 100-240V ~ 50-60Hz, 1.8A Output: 19.0V, 3.42A, 65.0W	DC power cable: Non-shielded, 1m
Others				
Power cable*1: Non-shielded, 1.8m				
RJ-45 cable*1: Non-shielded, 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	WLAN AP	D-LINK	DIR860L	N/A

For Radiated (below 1GHz):

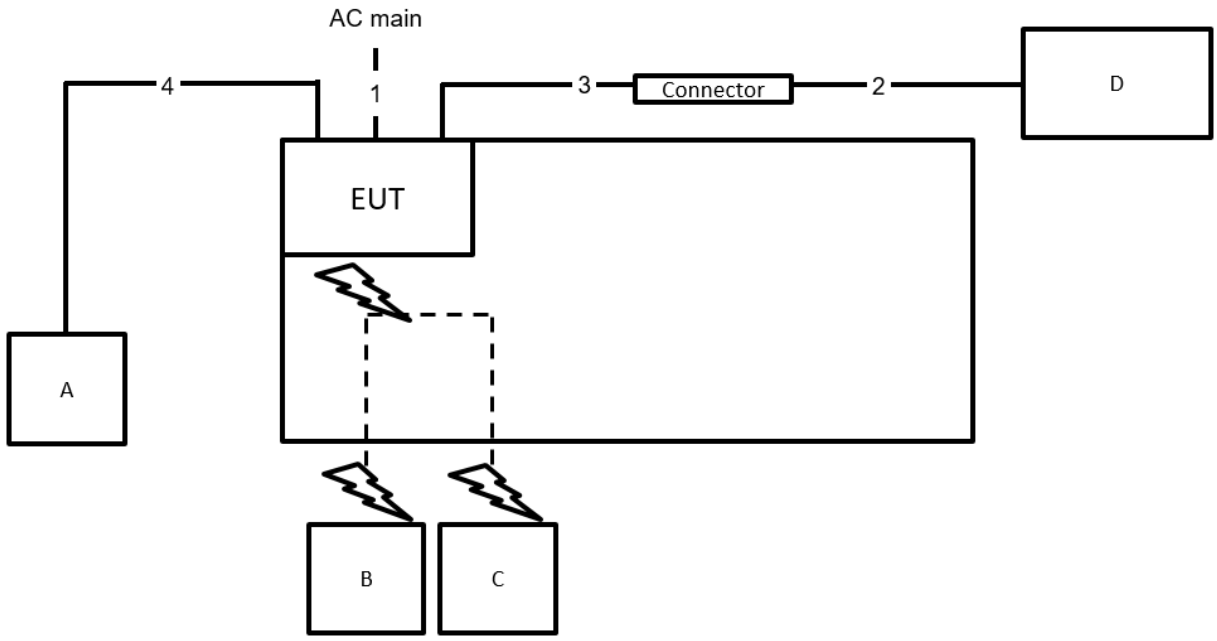
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	2.5G LAN NB	DELL	E4300	N/A
B	2.4G NB	DELL	E4300	N/A
C	5G NB	DELL	E4300	N/A
D	WLAN AP	D-LINK	DIR860L	N/A

For Radiated (above 1GHz) and RF Conducted:

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

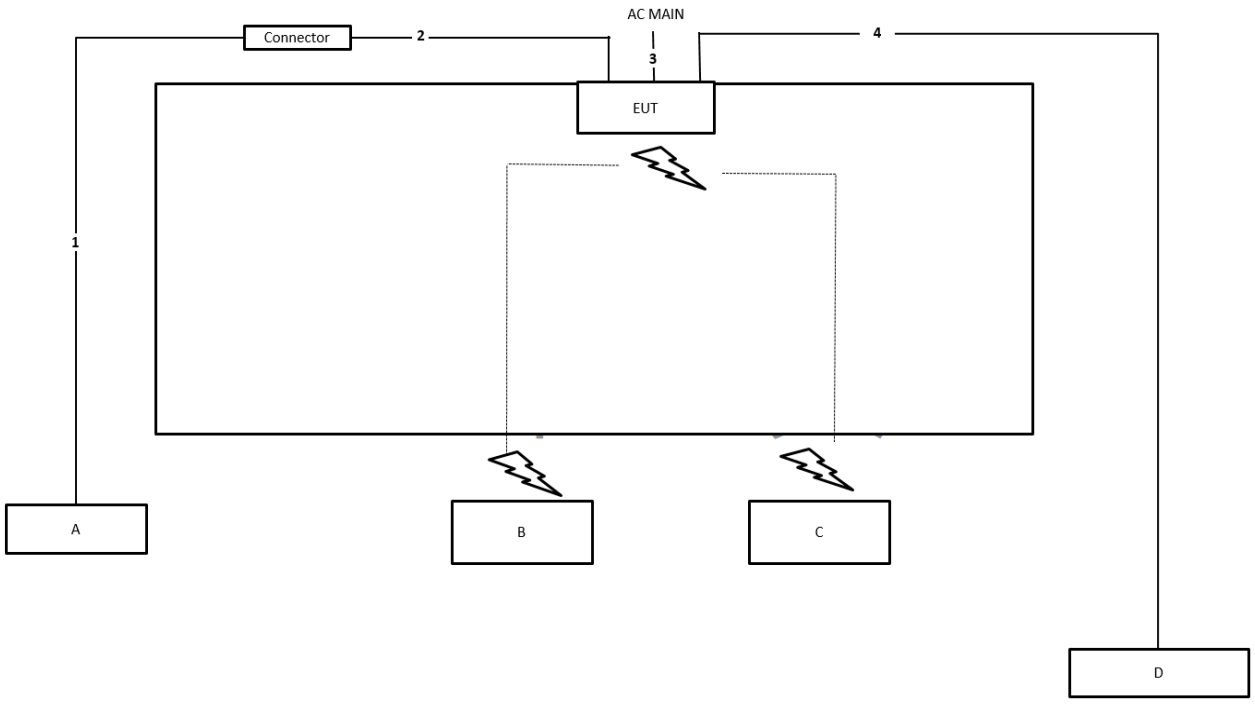
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



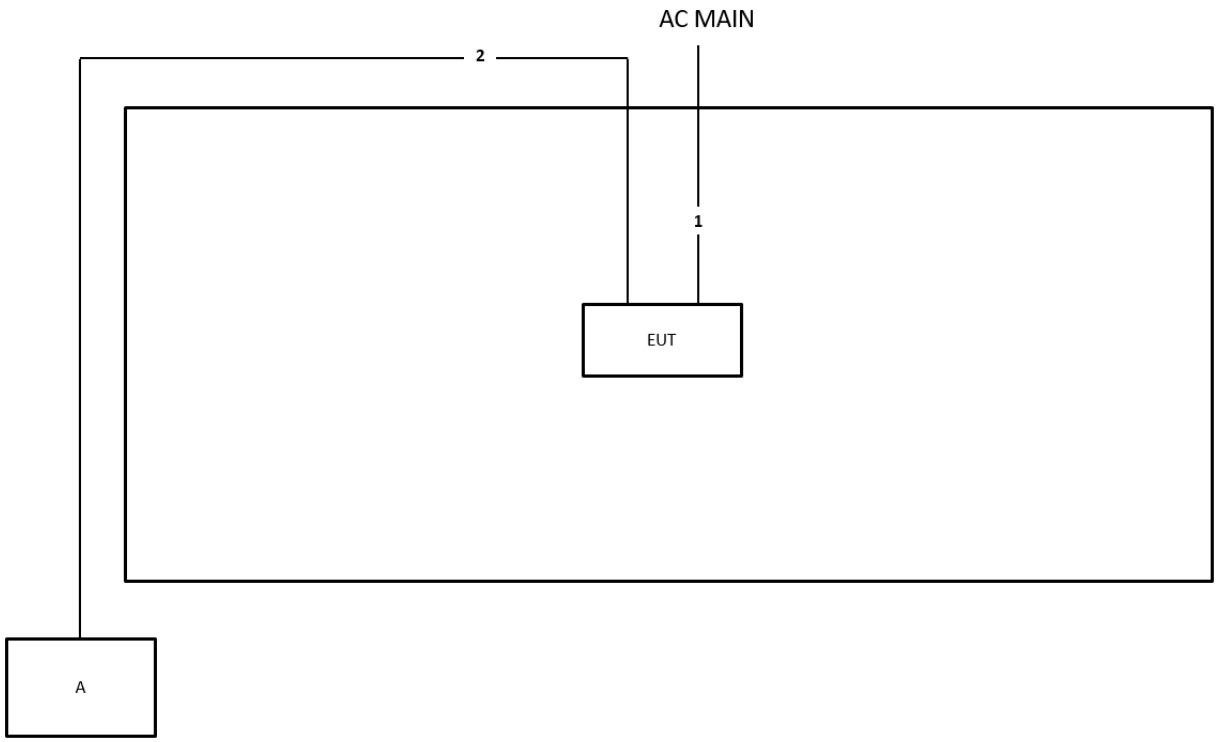
Item	Connection	Shielded	Length
1	Power cable	No	2.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m
4	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	Power cable	No	2.8m
4	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.8m
2	RJ-45 cable	No	1m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

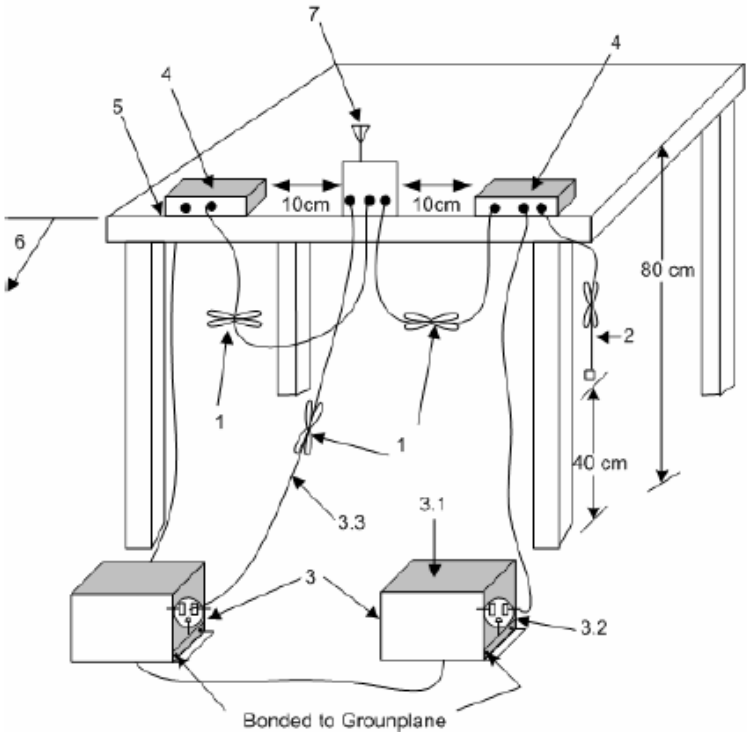
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

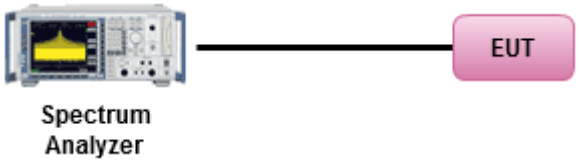
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

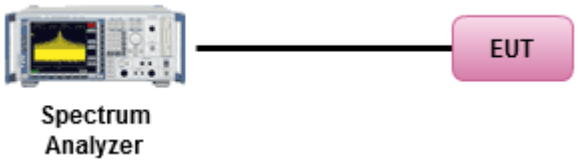
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

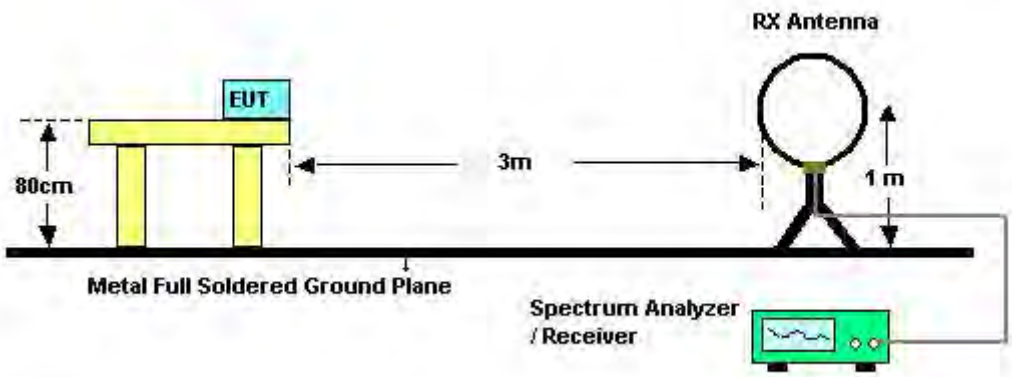
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies 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.

Test Method
▪ 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.

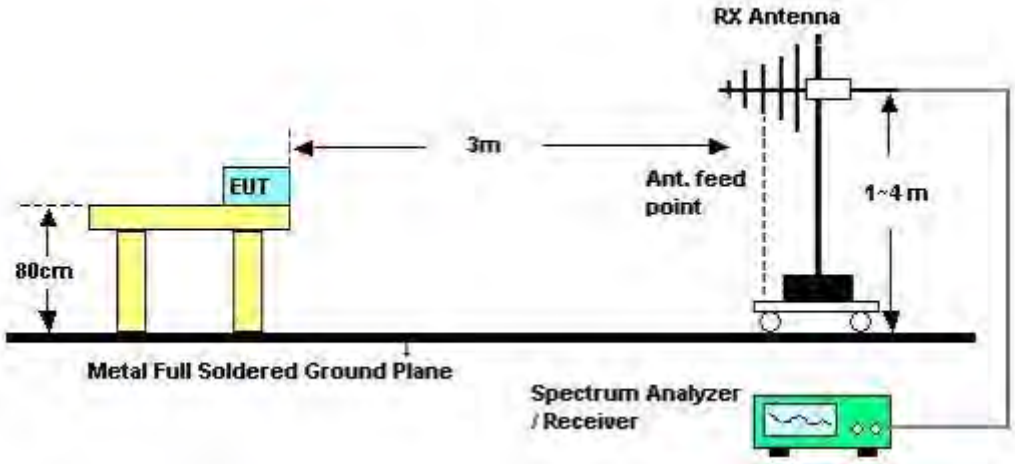
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

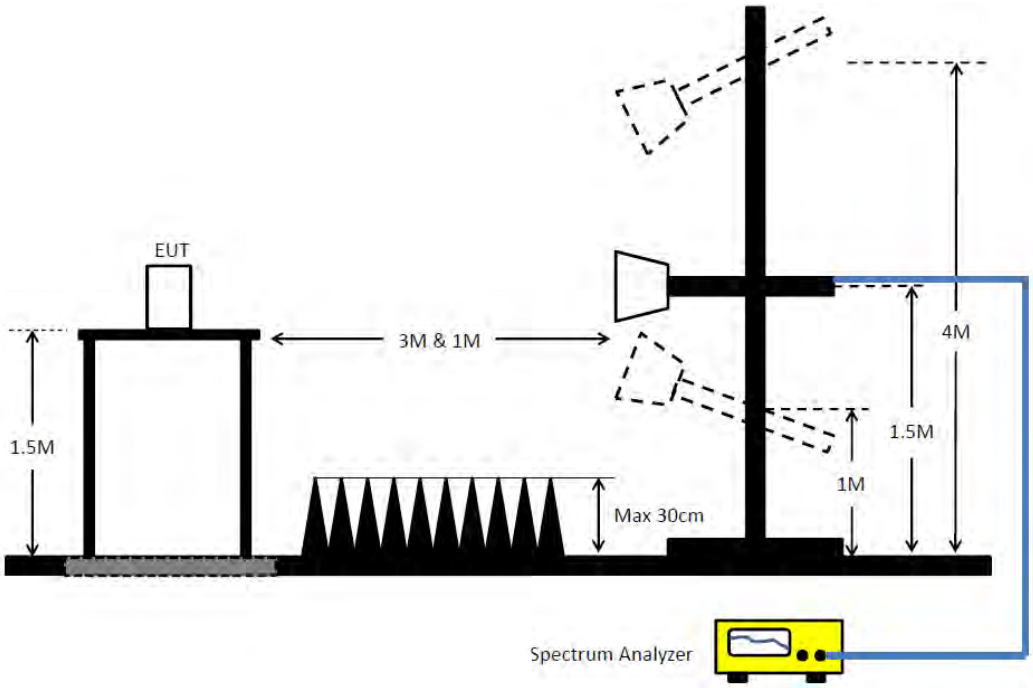
9kHz ~30MHz



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. 20, 2023	Feb. 19, 2024	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 16, 2023	Feb. 15, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 09, 2023	Feb. 08, 2024	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	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Aug. 16, 2023	Aug. 15, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2022	Nov. 03, 2023	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 29, 2022	Nov. 29, 2023	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 17, 2022	Oct. 16, 2023	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 17, 2022	Oct. 16, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

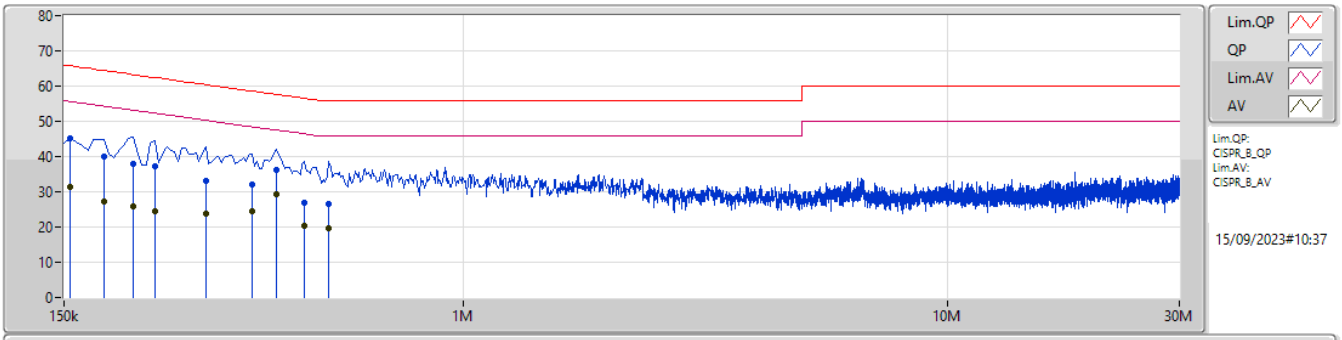
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

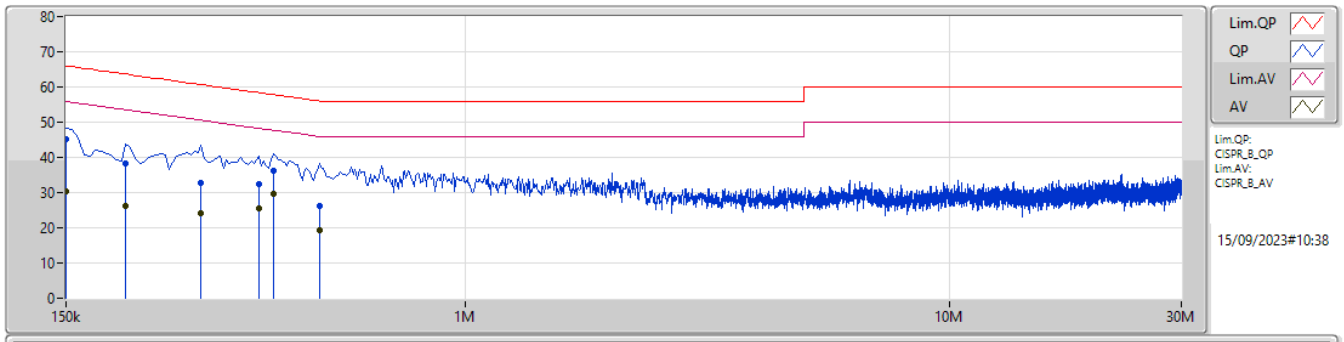
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	402k	29.66	47.82	-18.16	Neutral

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	45.16	65.75	-20.59	10.00	Line	-	35.16	0.09	0.04	9.87
AV	154.5k	31.22	55.75	-24.53	10.00	Line	-	21.22	0.09	0.04	9.87
QP	181.5k	40.16	64.41	-24.25	9.98	Line	-	30.18	0.08	0.04	9.86
AV	181.5k	27.22	54.41	-27.19	9.98	Line	-	17.24	0.08	0.04	9.86
QP	208.5k	37.97	63.27	-25.30	9.98	Line	-	27.99	0.08	0.04	9.86
AV	208.5k	25.70	53.27	-27.57	9.98	Line	-	15.72	0.08	0.04	9.86
QP	231k	37.10	62.41	-25.31	9.99	Line	-	27.11	0.08	0.04	9.87
AV	231k	24.56	52.41	-27.85	9.99	Line	-	14.57	0.08	0.04	9.87
QP	294k	32.99	60.42	-27.43	10.02	Line	-	22.97	0.09	0.05	9.88
AV	294k	23.81	50.42	-26.61	10.02	Line	-	13.79	0.09	0.05	9.88
QP	366k	32.04	58.60	-26.56	10.04	Line	-	22.00	0.09	0.06	9.89
AV	366k	24.57	48.60	-24.03	10.04	Line	-	14.53	0.09	0.06	9.89
QP	411k	36.25	57.63	-21.38	10.05	Line	-	26.20	0.09	0.06	9.90
AV	411k	29.26	47.63	-18.37	10.05	Line	"Worst"	19.21	0.09	0.06	9.90
QP	469.5k	27.01	56.52	-29.51	10.05	Line	-	16.96	0.09	0.06	9.90
AV	469.5k	20.21	46.52	-26.31	10.05	Line	-	10.16	0.09	0.06	9.90
QP	528k	26.72	56.00	-29.28	10.05	Line	-	16.67	0.10	0.05	9.90
AV	528k	19.81	46.00	-26.19	10.05	Line	-	9.76	0.10	0.05	9.90

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	45.31	66.00	-20.69	9.98	Neutral	-	35.33	0.07	0.04	9.87
AV	150k	30.50	56.00	-25.50	9.98	Neutral	-	20.52	0.07	0.04	9.87
QP	199.5k	38.19	63.63	-25.44	9.97	Neutral	-	28.22	0.07	0.04	9.86
AV	199.5k	26.06	53.63	-27.57	9.97	Neutral	-	16.09	0.07	0.04	9.86
QP	285k	32.82	60.67	-27.85	10.00	Neutral	-	22.82	0.07	0.05	9.88
AV	285k	24.08	50.67	-26.59	10.00	Neutral	-	14.08	0.07	0.05	9.88
QP	375k	32.48	58.39	-25.91	10.03	Neutral	-	22.45	0.07	0.06	9.90
AV	375k	25.42	48.39	-22.97	10.03	Neutral	-	15.39	0.07	0.06	9.90
QP	402k	36.15	57.82	-21.67	10.03	Neutral	-	26.12	0.07	0.06	9.90
AV	402k	29.66	47.82	-18.16	10.03	Neutral	"Worst"	19.63	0.07	0.06	9.90
QP	500k	26.04	56.00	-29.96	10.03	Neutral	-	16.01	0.07	0.06	9.90
AV	500k	19.21	46.00	-26.79	10.03	Neutral	-	9.18	0.07	0.06	9.90

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	18.865M	16.433M	16M4D1D	17.82M	16.306M
802.11ax HEW20_Nss1,(MCS0)_4TX	20.68M	18.973M	19M0D1D	19.855M	18.791M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.6M	37.765M	37M8D1D	38.83M	37.583M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.18M	77.222M	77M2D1D	80.08M	76.737M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.39M	16.468M	16M5D1D	15.675M	16.312M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.085M	18.957M	19M0D1D	17.875M	18.826M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.95M	37.828M	37M8D1D	33.11M	37.457M
802.11ax HEW80_Nss1,(MCS0)_4TX	78.32M	77.425M	77M4D1D	77.44M	76.801M

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

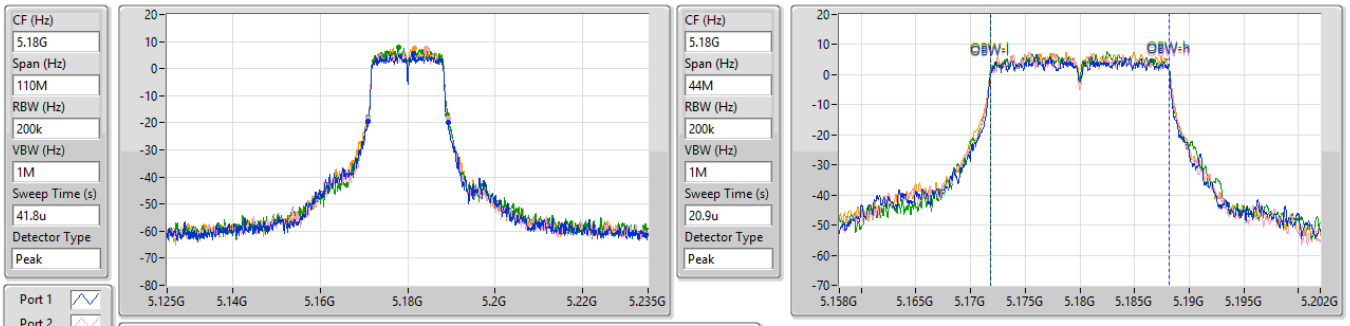
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	18.37M	16.315M	18.26M	16.359M	18.095M	16.335M	18.48M	16.37M
5200MHz	Pass	Inf	18.315M	16.361M	18.26M	16.306M	18.865M	16.34M	18.37M	16.34M
5240MHz	Pass	Inf	17.82M	16.336M	18.26M	16.308M	18.37M	16.433M	18.59M	16.345M
5745MHz	Pass	500k	16.39M	16.339M	16.39M	16.336M	16.335M	16.468M	16.39M	16.383M
5785MHz	Pass	500k	16.39M	16.342M	15.675M	16.372M	16.39M	16.411M	16.39M	16.373M
5825MHz	Pass	500k	16.39M	16.312M	16.39M	16.355M	16.39M	16.454M	16.39M	16.407M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.075M	18.826M	20.24M	18.928M	20.02M	18.831M	20.075M	18.973M
5200MHz	Pass	Inf	20.13M	18.927M	19.965M	18.912M	19.855M	18.852M	19.965M	18.829M
5240MHz	Pass	Inf	20.68M	18.935M	20.405M	18.791M	20.35M	18.819M	20.515M	18.895M
5745MHz	Pass	500k	18.92M	18.834M	18.645M	18.947M	18.92M	18.84M	18.865M	18.878M
5785MHz	Pass	500k	18.975M	18.829M	18.59M	18.839M	18.535M	18.846M	19.085M	18.912M
5825MHz	Pass	500k	17.875M	18.941M	18.755M	18.957M	18.975M	18.853M	19.03M	18.826M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	38.83M	37.583M	39.38M	37.728M	39.05M	37.689M	39.6M	37.725M
5230MHz	Pass	Inf	39.27M	37.765M	39.27M	37.626M	38.94M	37.675M	39.16M	37.73M
5755MHz	Pass	500k	37.95M	37.545M	37.95M	37.526M	37.07M	37.658M	37.84M	37.655M
5795MHz	Pass	500k	37.62M	37.457M	33.11M	37.669M	37.95M	37.637M	37.62M	37.828M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.08M	77.168M	80.74M	77.131M	80.08M	77.222M	81.18M	76.737M
5775MHz	Pass	500k	78.32M	76.801M	77.44M	77.129M	77.88M	77.425M	77.66M	77.198M

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

18/09/2023

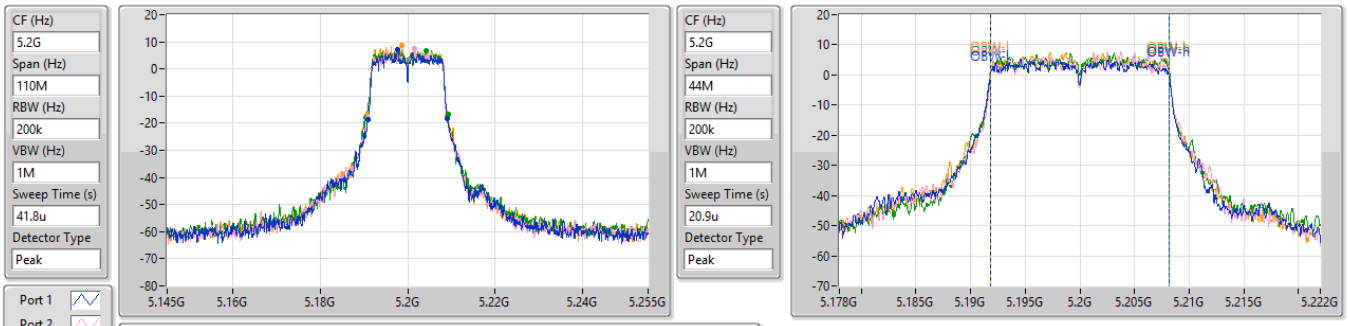


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.37M	5.170925G	5.189295G	16.315M	5.171851G	5.188166G	Inf	1
18.26M	5.17098G	5.18924G	16.359M	5.171825G	5.188184G	Inf	2
18.095M	5.17098G	5.189075G	16.335M	5.171843G	5.188178G	Inf	3
18.48M	5.170815G	5.189295G	16.37M	5.171813G	5.188183G	Inf	4

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

5200MHz

18/09/2023

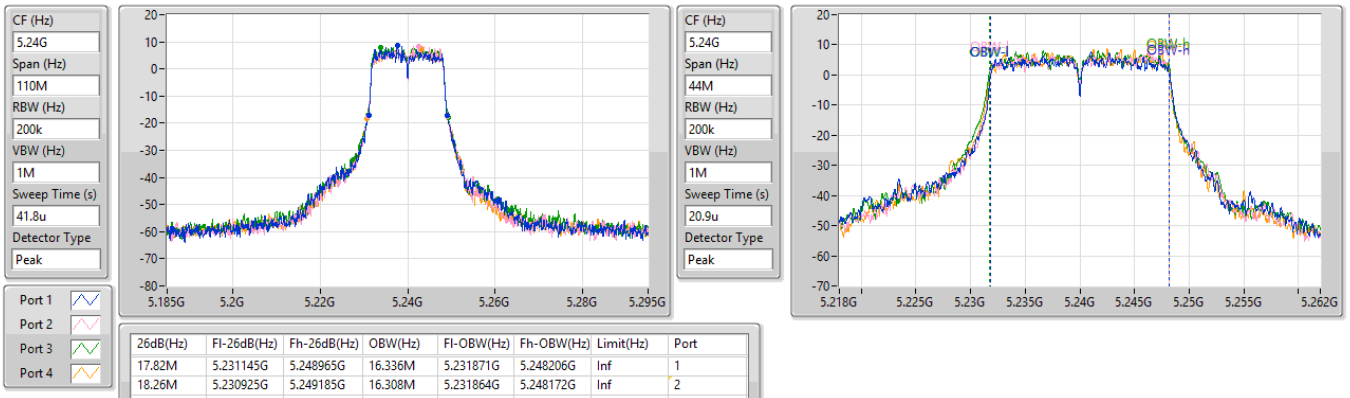


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.315M	5.19087G	5.209185G	16.361M	5.191805G	5.208166G	Inf	1
18.26M	5.190925G	5.209185G	16.306M	5.191854G	5.208161G	Inf	2
18.865M	5.190375G	5.20924G	16.34M	5.191822G	5.208162G	Inf	3
18.37M	5.190705G	5.209075G	16.34M	5.191837G	5.208177G	Inf	4

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

5240MHz

18/09/2023

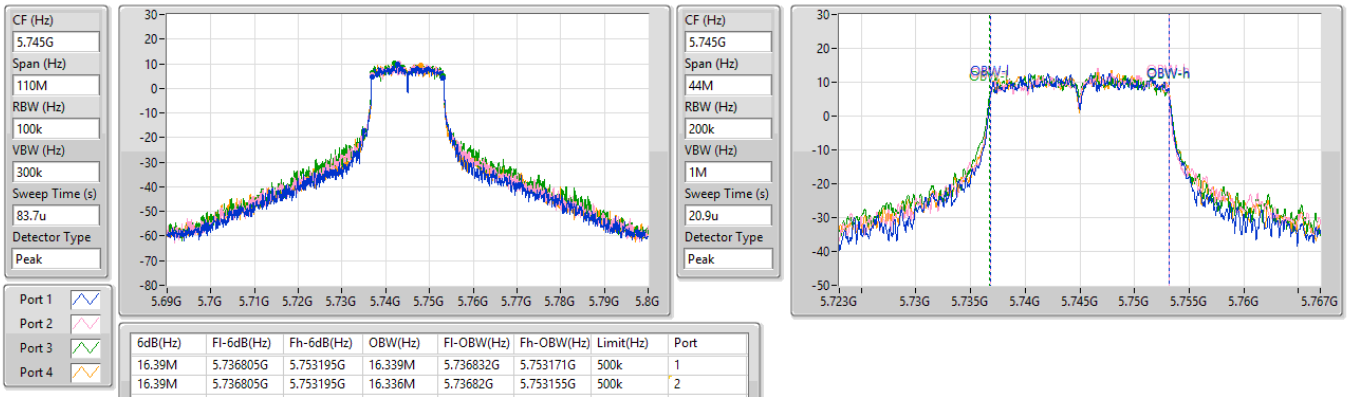


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.82M	5.231145G	5.248965G	16.336M	5.231871G	5.248206G	Inf	1
18.26M	5.230925G	5.249185G	16.308M	5.231864G	5.248172G	Inf	2
18.37M	5.230925G	5.249295G	16.433M	5.231742G	5.248175G	Inf	3
18.59M	5.23076G	5.24935G	16.345M	5.231809G	5.248154G	Inf	4

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

5745MHz

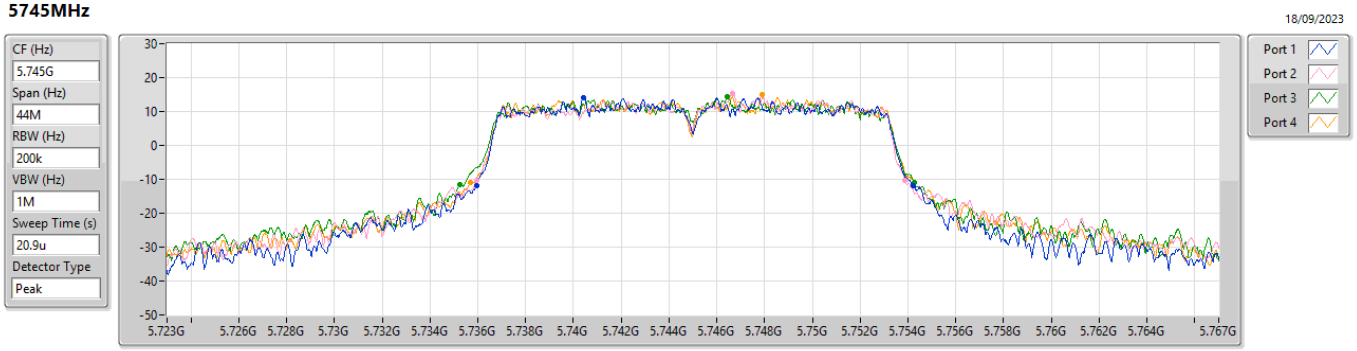
18/09/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.39M	5.736805G	5.753195G	16.339M	5.736832G	5.753171G	500k	1
16.39M	5.736805G	5.753195G	16.336M	5.73682G	5.753155G	500k	2
16.335M	5.73686G	5.753195G	16.468M	5.736722G	5.75319G	500k	3
16.39M	5.736805G	5.753195G	16.383M	5.736811G	5.753194G	500k	4

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

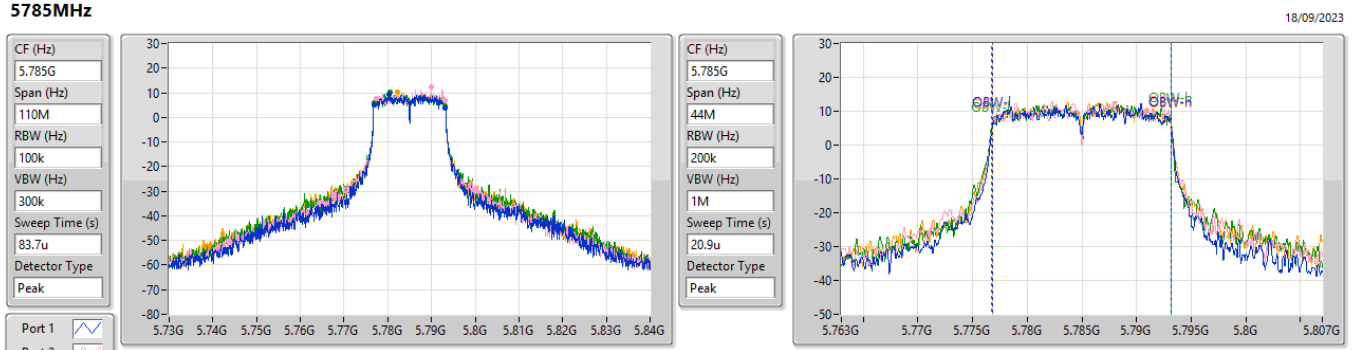
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
18.282M	5.735936G	5.754218G	Inf	1
17.952M	5.735936G	5.753888G	Inf	2
19.008M	5.735254G	5.754262G	Inf	3
18.59M	5.735672G	5.754262G	Inf	4

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

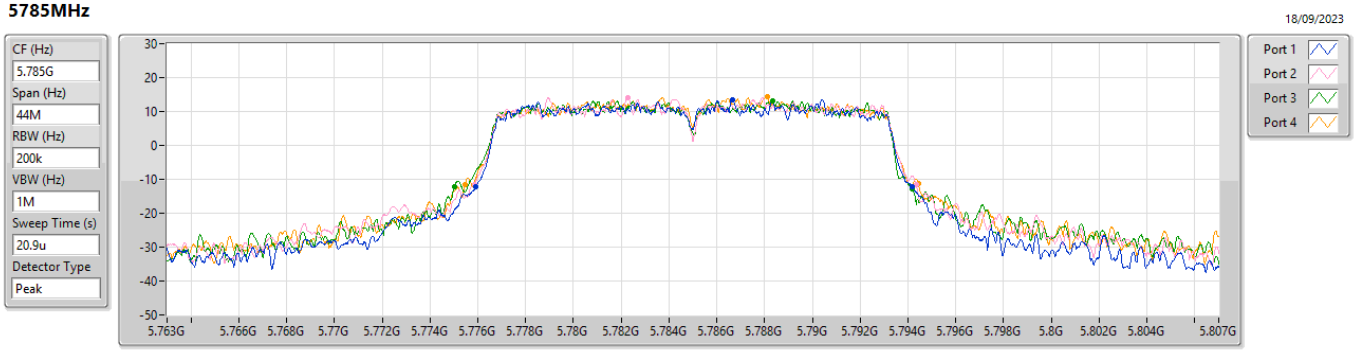
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.39M	5.776805G	5.793195G	16.342M	5.776818G	5.79316G	500k	1
15.675M	5.777465G	5.79314G	16.372M	5.776798G	5.79317G	500k	2
16.39M	5.776805G	5.793195G	16.411M	5.776739G	5.793149G	500k	3
16.39M	5.776805G	5.793195G	16.373M	5.776791G	5.793164G	500k	4

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

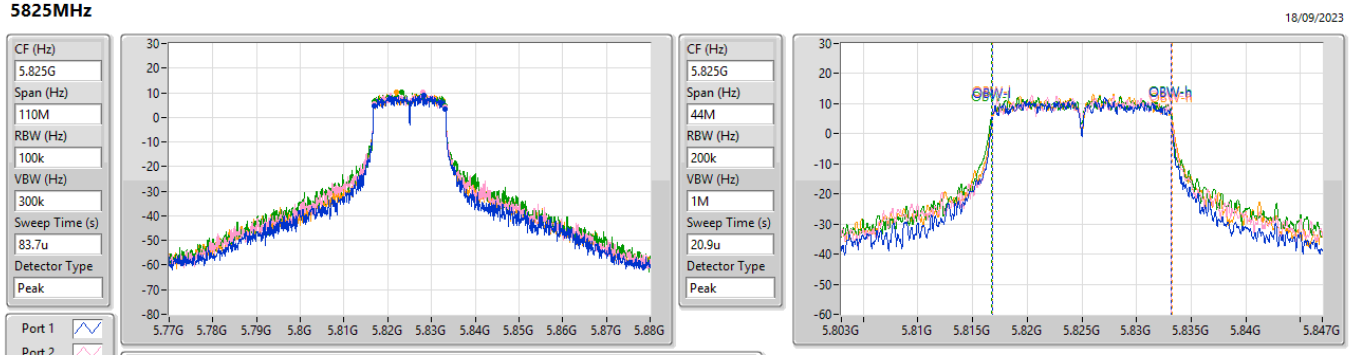
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
18.26M	5.775914G	5.794174G	Inf	1
18.48M	5.77587G	5.79435G	Inf	2
19.162M	5.775012G	5.794174G	Inf	3
18.986M	5.775452G	5.794438G	Inf	4

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

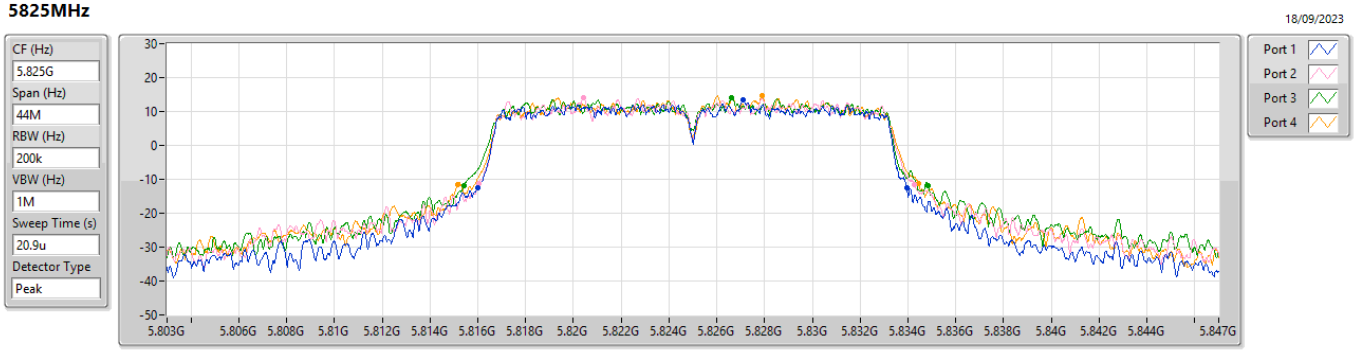
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.39M	5.816805G	5.833195G	16.312M	5.816823G	5.833135G	500k	1
16.39M	5.816805G	5.833195G	16.355M	5.816829G	5.833185G	500k	2
16.39M	5.816805G	5.833195G	16.454M	5.816716G	5.83317G	500k	3
16.39M	5.816805G	5.833195G	16.407M	5.816817G	5.833224G	500k	4

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

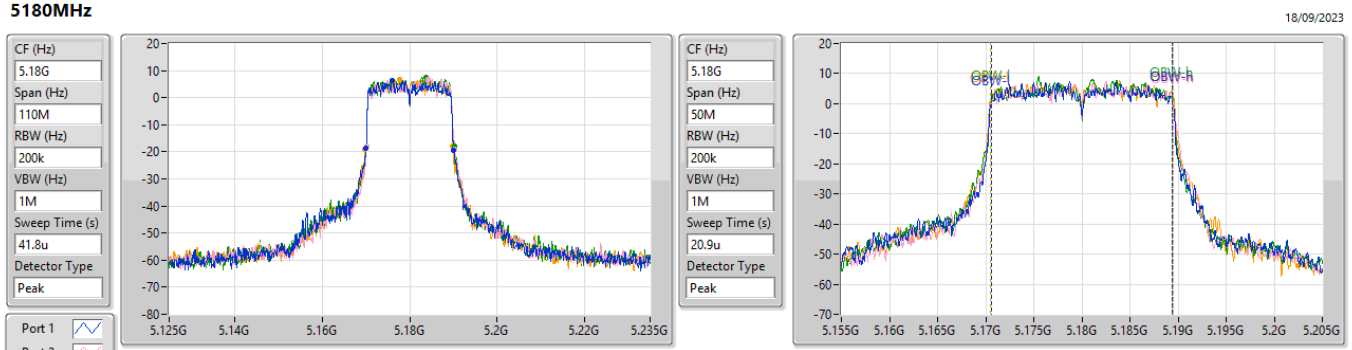
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
17.974M	5.81598G	5.833954G	Inf	1
18.238M	5.816046G	5.834284G	Inf	2
19.448M	5.815408G	5.834856G	Inf	3
19.294M	5.815144G	5.834438G	Inf	4

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

5180MHz

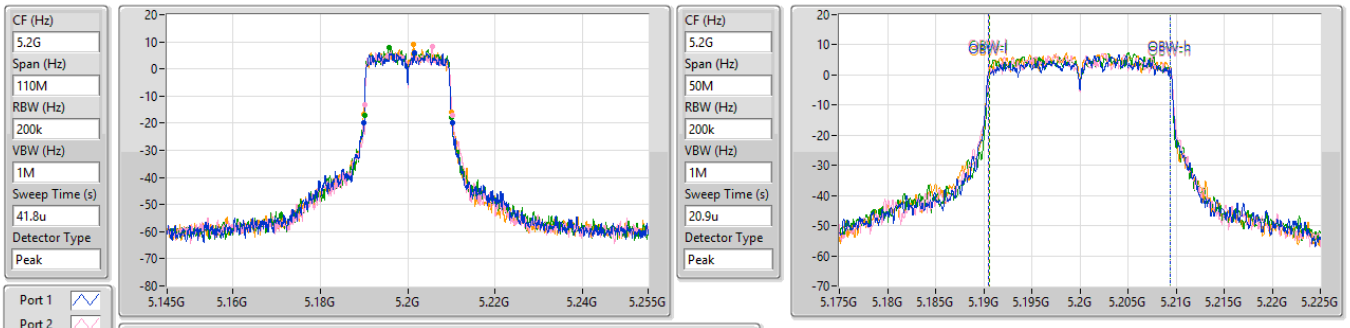


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.075M	5.170045G	5.19012G	18.826M	5.170609G	5.189435G	Inf	1
20.24M	5.1701G	5.19034G	18.928M	5.170558G	5.189486G	Inf	2
20.02M	5.170155G	5.190175G	18.831M	5.170598G	5.189429G	Inf	3
20.075M	5.169825G	5.1899G	18.973M	5.170537G	5.18951G	Inf	4

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

5200MHz

18/09/2023

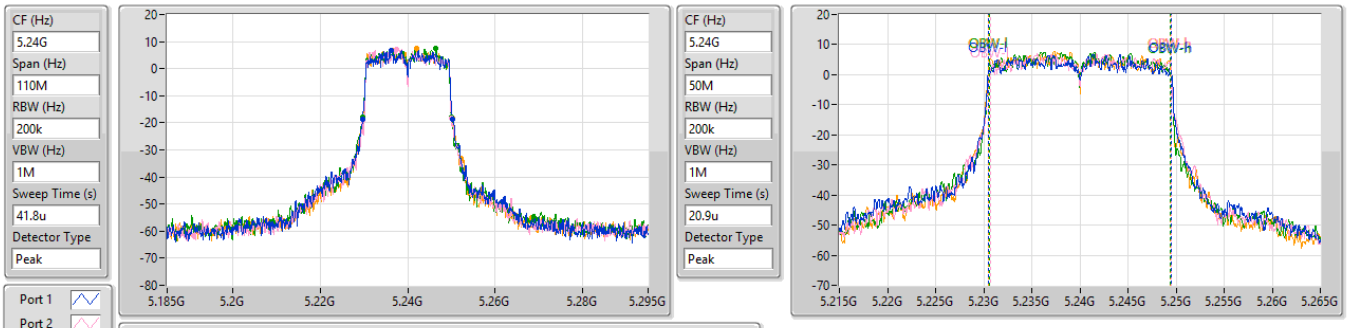


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.13M	5.190045G	5.210175G	18.927M	5.190518G	5.209445G	Inf	1
19.965M	5.190265G	5.21023G	18.912M	5.190535G	5.209446G	Inf	2
19.855M	5.190155G	5.21001G	18.852M	5.190559G	5.20941G	Inf	3
19.965M	5.18999G	5.209955G	18.829M	5.190603G	5.209431G	Inf	4

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

5240MHz

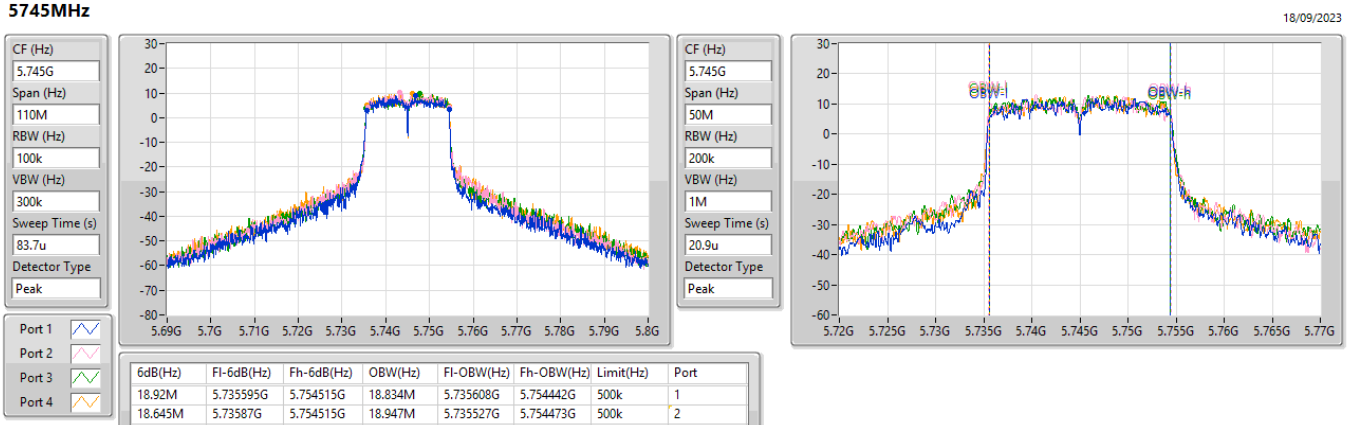
18/09/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.68M	5.229715G	5.250395G	18.935M	5.230536G	5.249471G	Inf	1
20.405M	5.229605G	5.25001G	18.791M	5.23066G	5.249452G	Inf	2
20.35M	5.22966G	5.25001G	18.819M	5.230569G	5.249388G	Inf	3
20.515M	5.22977G	5.250285G	18.895M	5.230543G	5.249437G	Inf	4

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

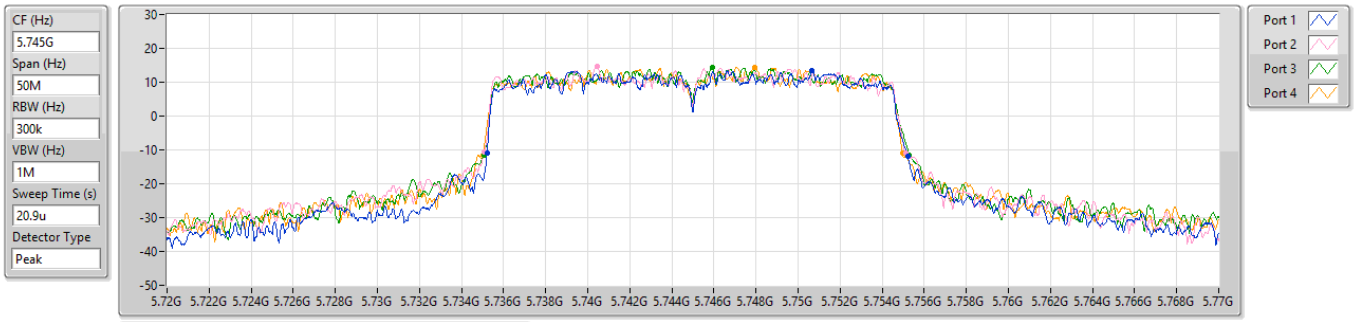
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.92M	5.735595G	5.754515G	18.834M	5.735608G	5.754442G	500k	1
18.645M	5.73587G	5.754515G	18.947M	5.735527G	5.754473G	500k	2
18.92M	5.735485G	5.754405G	18.84M	5.735602G	5.754442G	500k	3
18.865M	5.735595G	5.75446G	18.878M	5.735555G	5.754433G	500k	4

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

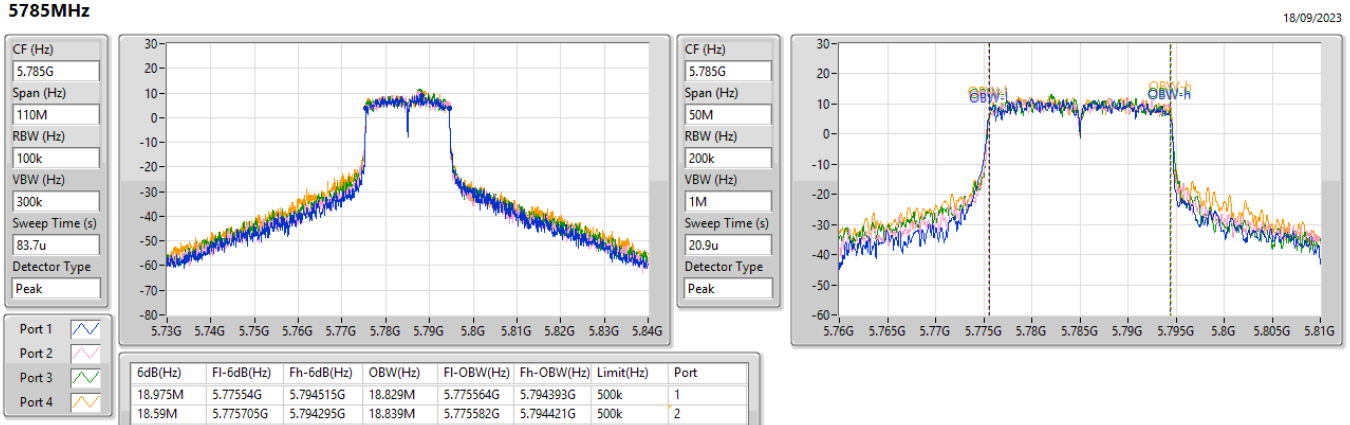
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20M	5.735225G	5.755225G	Inf	1
20.025M	5.7351G	5.755125G	Inf	2
20.2M	5.7351G	5.7553G	Inf	3
19.925M	5.735025G	5.75495G	Inf	4

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

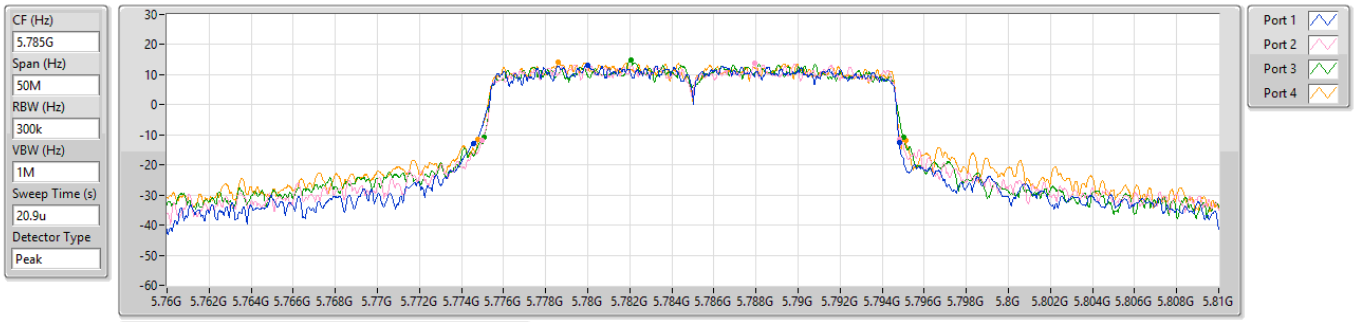
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.77554G	5.794515G	18.829M	5.775564G	5.794393G	500k	1
18.59M	5.775705G	5.794295G	18.839M	5.775582G	5.794421G	500k	2
18.535M	5.775815G	5.79435G	18.846M	5.775592G	5.794438G	500k	3
19.085M	5.775485G	5.79457G	18.912M	5.775547G	5.794459G	500k	4

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

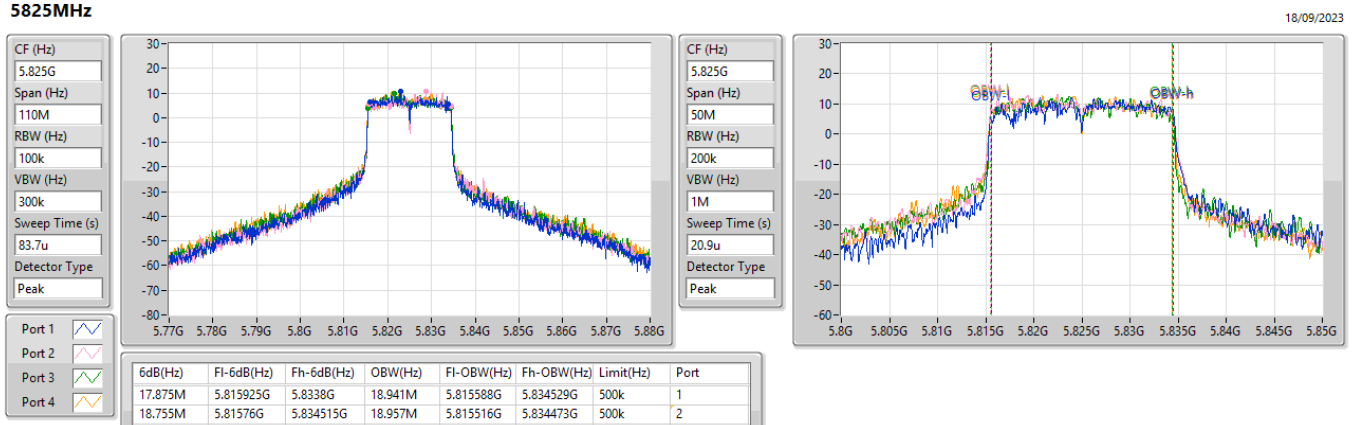
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.25M	5.77455G	5.7948G	Inf	1
19.85M	5.77495G	5.7948G	Inf	2
19.925M	5.775075G	5.795G	Inf	3
20.35M	5.774775G	5.795125G	Inf	4

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

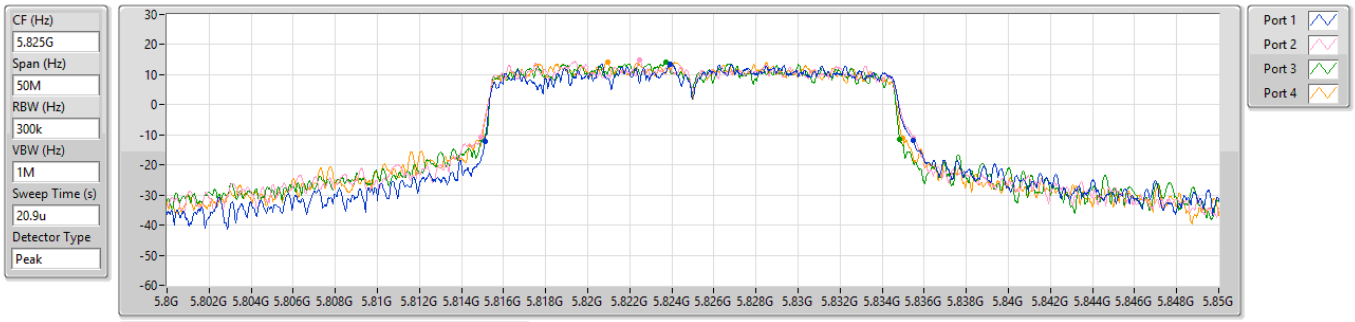
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.875M	5.815925G	5.8338G	18.941M	5.815588G	5.834529G	500k	1
18.755M	5.81576G	5.834515G	18.957M	5.815516G	5.834473G	500k	2
18.975M	5.815485G	5.83446G	18.853M	5.815545G	5.834397G	500k	3
19.03M	5.815485G	5.834515G	18.826M	5.815558G	5.834384G	500k	4

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

5825MHz

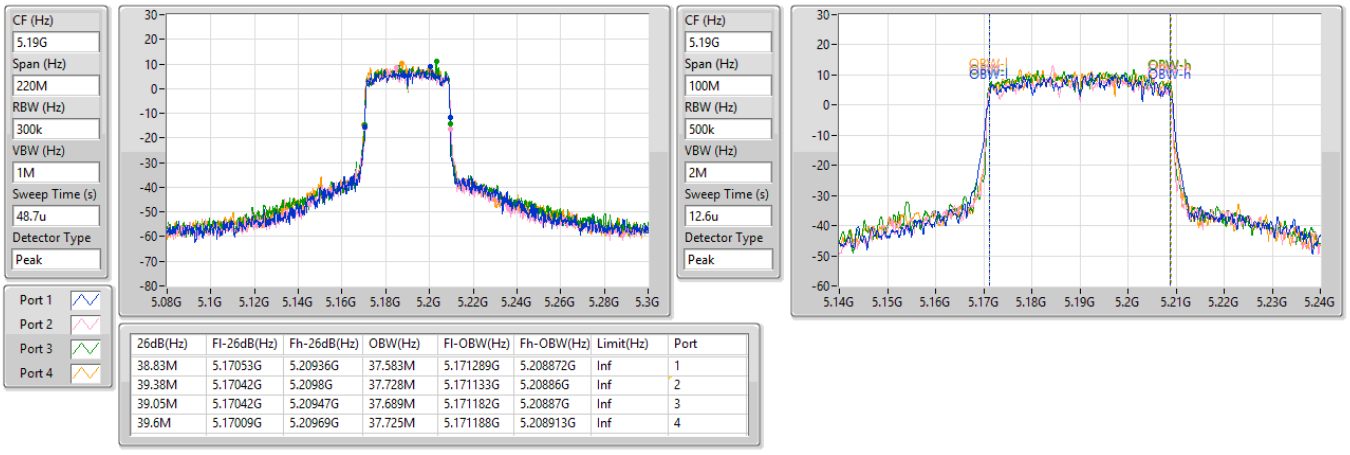


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.35M	5.815125G	5.835475G	Inf	1
20.6M	5.8149G	5.8355G	Inf	2
19.85M	5.814975G	5.834825G	Inf	3
19.975M	5.814975G	5.83495G	Inf	4

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

5190MHz

18/09/2023

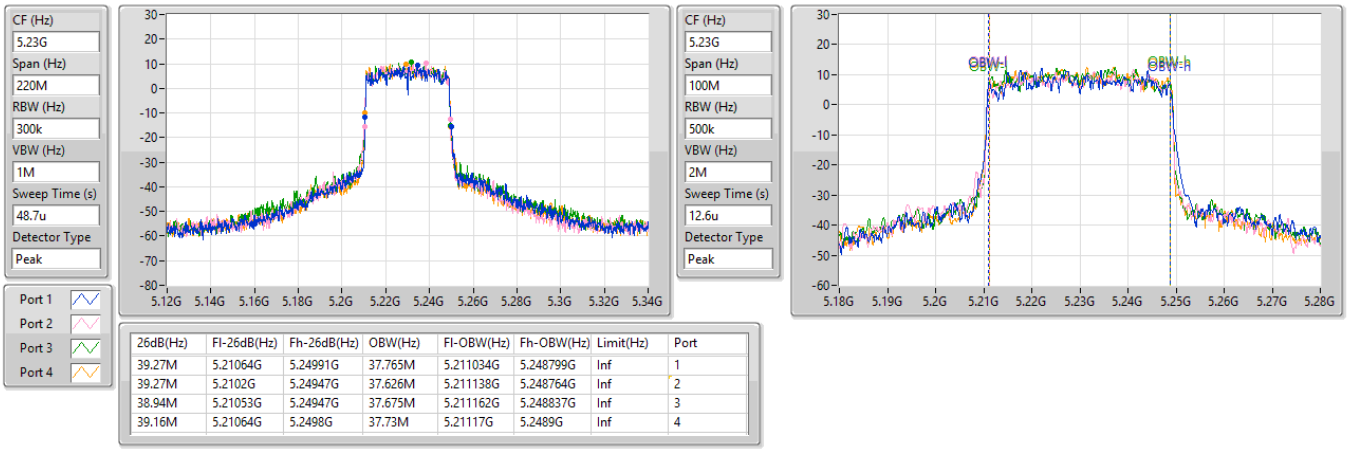


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	5.17053G	5.20936G	37.583M	5.171289G	5.208872G	Inf	1
39.38M	5.17042G	5.2098G	37.728M	5.171133G	5.20886G	Inf	2
39.05M	5.17042G	5.20947G	37.689M	5.171182G	5.20887G	Inf	3
39.6M	5.17009G	5.20969G	37.725M	5.171188G	5.208913G	Inf	4

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

5230MHz

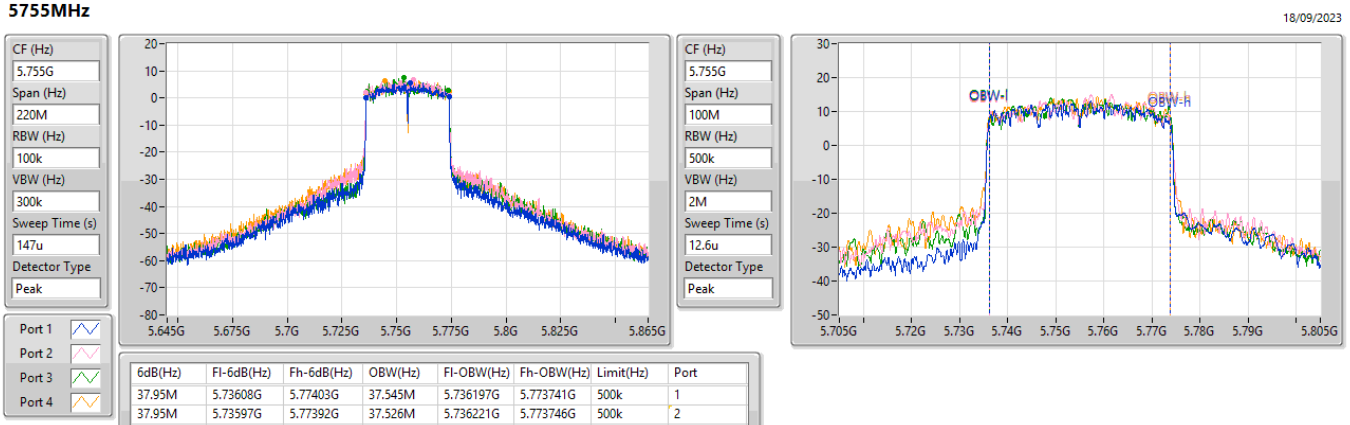
18/09/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	5.21064G	5.24991G	37.765M	5.211034G	5.248799G	Inf	1
39.27M	5.2102G	5.24947G	37.626M	5.211138G	5.248764G	Inf	2
38.94M	5.21053G	5.24947G	37.675M	5.211162G	5.248837G	Inf	3
39.16M	5.21064G	5.2498G	37.73M	5.21117G	5.2489G	Inf	4

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

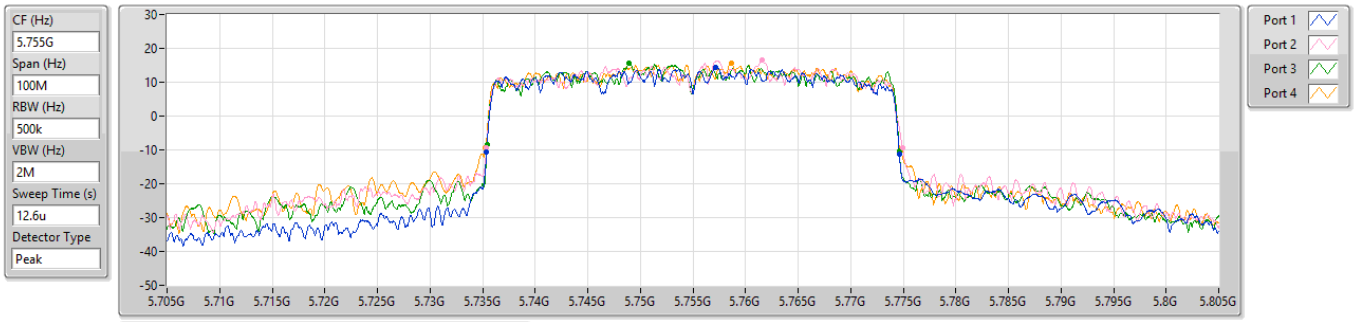
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.95M	5.73608G	5.77403G	37.545M	5.736197G	5.773741G	500k	1
37.95M	5.73597G	5.77392G	37.526M	5.736221G	5.773746G	500k	2
37.07M	5.73652G	5.77359G	37.658M	5.736198G	5.773856G	500k	3
37.84M	5.73608G	5.77392G	37.655M	5.736122G	5.773778G	500k	4

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

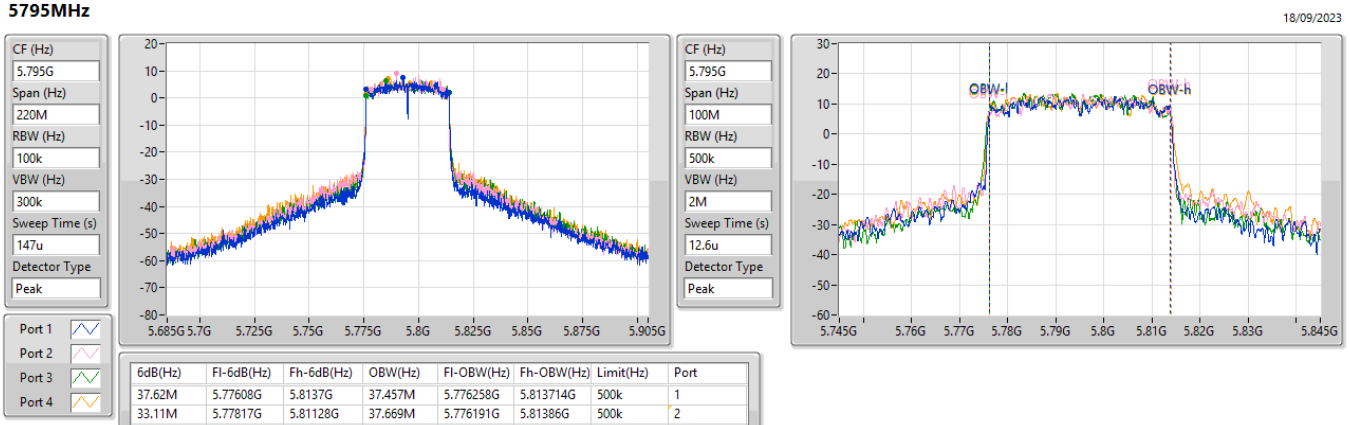
5755MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
39.2M	5.7354G	5.7746G	Inf	1
39.5M	5.7354G	5.7749G	Inf	2
39.15M	5.73545G	5.7746G	Inf	3
39.45M	5.7353G	5.77475G	Inf	4

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

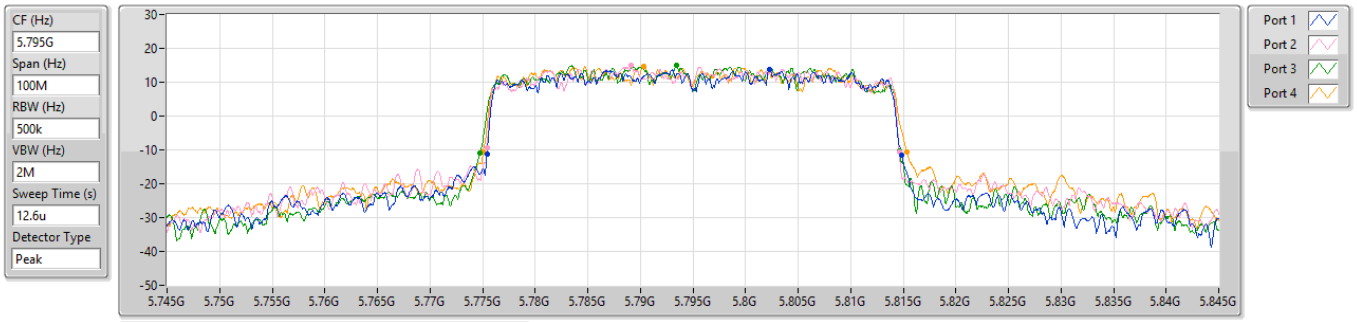
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.77608G	5.8137G	37.457M	5.776258G	5.813714G	500k	1
33.11M	5.77817G	5.81128G	37.669M	5.776191G	5.81386G	500k	2
37.95M	5.77608G	5.81403G	37.637M	5.776104G	5.813741G	500k	3
37.62M	5.77597G	5.81359G	37.828M	5.776112G	5.813939G	500k	4

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

5795MHz

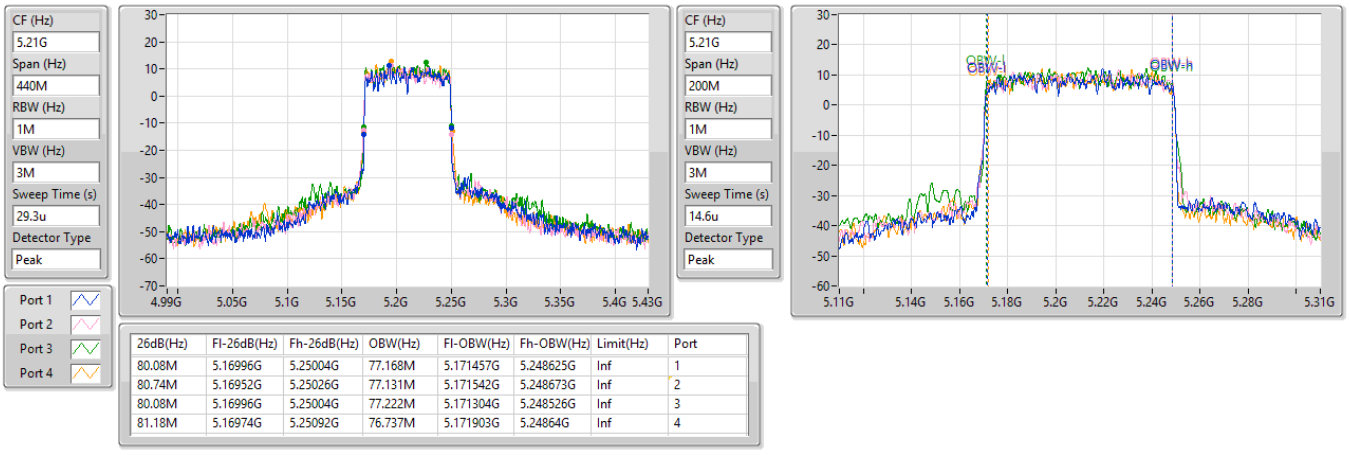


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
39.4M	5.77545G	5.81485G	Inf	1
39.15M	5.77545G	5.8146G	Inf	2
39.85M	5.77475G	5.8146G	Inf	3
40.35M	5.77505G	5.8154G	Inf	4

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

5210MHz

18/09/2023

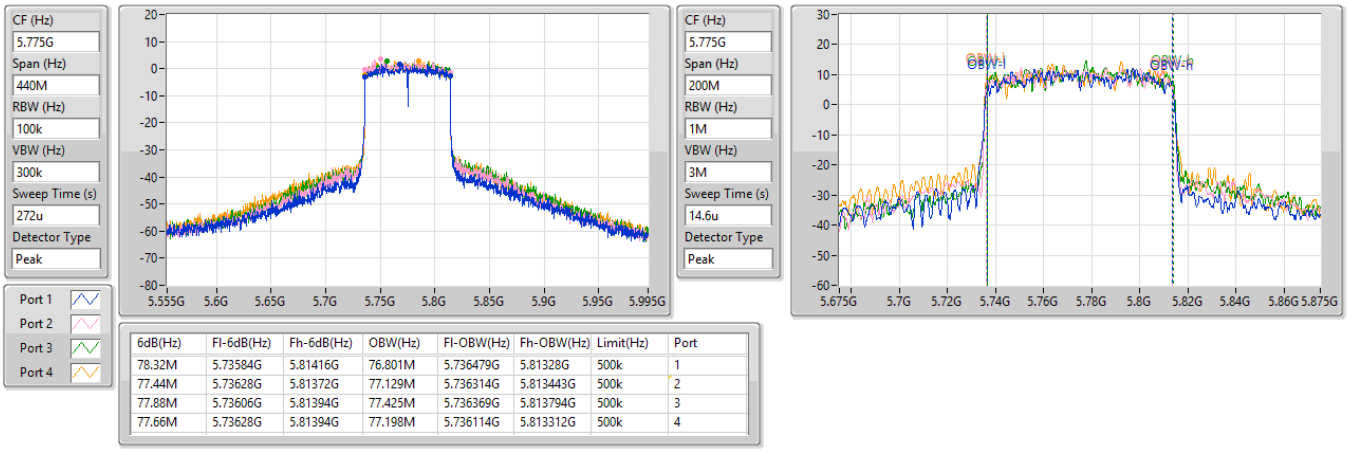


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.16996G	5.25004G	77.168M	5.171457G	5.248625G	Inf	1
80.74M	5.16952G	5.25026G	77.131M	5.171542G	5.248673G	Inf	2
80.08M	5.16996G	5.25004G	77.222M	5.171304G	5.248526G	Inf	3
81.18M	5.16974G	5.25092G	76.737M	5.171903G	5.24864G	Inf	4

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

5775MHz

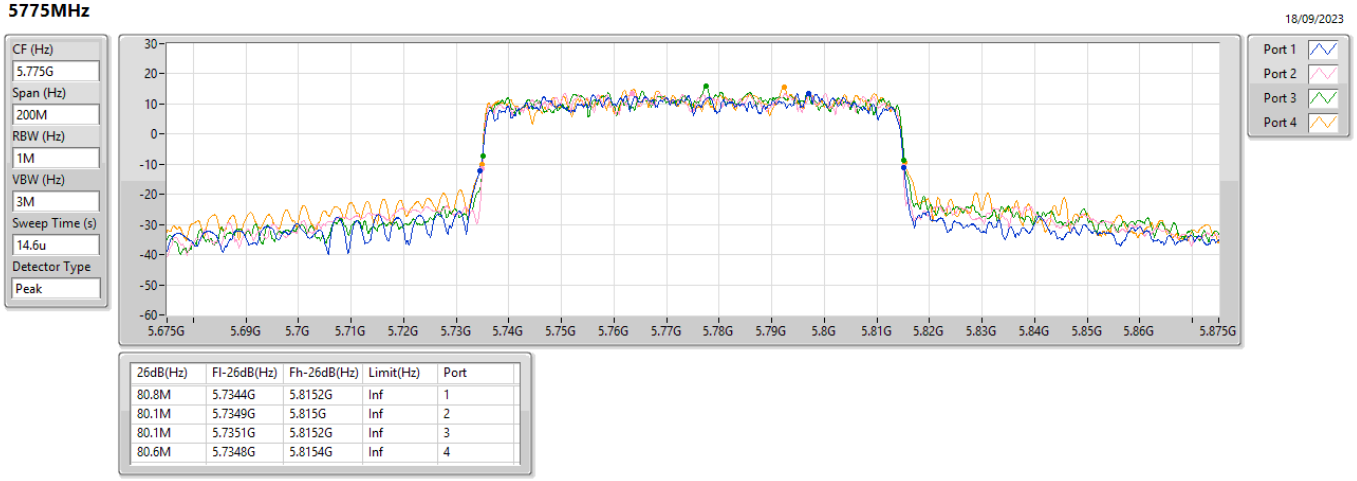
18/09/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.32M	5.73584G	5.81416G	76.801M	5.736479G	5.81328G	500k	1
77.44M	5.73628G	5.81372G	77.129M	5.736314G	5.813443G	500k	2
77.88M	5.73606G	5.81394G	77.425M	5.736369G	5.813794G	500k	3
77.66M	5.73628G	5.81394G	77.198M	5.736114G	5.813312G	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
80.8M	5.7344G	5.8152G	Inf	1
80.1M	5.7349G	5.815G	Inf	2
80.1M	5.7351G	5.8152G	Inf	3
80.6M	5.7348G	5.8154G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	24.31	0.26977
802.11ax HEW20_Nss1,(MCS0)_4TX	24.55	0.28510
802.11ax HEW40_Nss1,(MCS0)_4TX	26.92	0.49204
802.11ax HEW80_Nss1,(MCS0)_4TX	27.38	0.54702
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.93	0.98401
802.11ax HEW20_Nss1,(MCS0)_4TX	29.80	0.95499
802.11ax HEW40_Nss1,(MCS0)_4TX	29.60	0.91201
802.11ax HEW80_Nss1,(MCS0)_4TX	28.57	0.71945

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	5.00	17.62	17.96	18.71	18.77	24.31	30.00
5200MHz	Pass	5.00	17.28	17.73	18.61	18.64	24.12	30.00
5240MHz	Pass	5.00	17.79	17.81	18.73	18.44	24.23	30.00
5745MHz	Pass	5.00	23.50	23.94	24.16	24.00	29.93	30.00
5785MHz	Pass	5.00	23.41	23.80	24.02	24.02	29.84	30.00
5825MHz	Pass	5.00	23.12	23.57	23.92	23.73	29.62	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.00	18.11	18.33	18.84	18.78	24.55	30.00
5200MHz	Pass	5.00	17.72	18.14	18.68	18.70	24.35	30.00
5240MHz	Pass	5.00	18.18	18.26	18.82	18.72	24.52	30.00
5745MHz	Pass	5.00	23.36	23.85	23.80	23.99	29.78	30.00
5785MHz	Pass	5.00	23.52	23.80	23.78	24.01	29.80	30.00
5825MHz	Pass	5.00	23.28	23.40	23.57	23.87	29.56	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.00	20.26	20.46	21.37	21.37	26.92	30.00
5230MHz	Pass	5.00	20.20	20.46	21.38	21.10	26.83	30.00
5755MHz	Pass	5.00	23.19	23.59	23.58	23.93	29.60	30.00
5795MHz	Pass	5.00	23.25	23.54	23.68	23.81	29.60	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.00	20.69	21.05	21.89	21.69	27.38	30.00
5775MHz	Pass	5.00	22.07	22.56	22.57	22.96	28.57	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	11.91
802.11ax HEW20_Nss1,(MCS0)_4TX	11.76
802.11ax HEW40_Nss1,(MCS0)_4TX	11.60
802.11ax HEW80_Nss1,(MCS0)_4TX	8.96
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.75
802.11ax HEW20_Nss1,(MCS0)_4TX	15.03
802.11ax HEW40_Nss1,(MCS0)_4TX	12.06
802.11ax HEW80_Nss1,(MCS0)_4TX	8.20

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

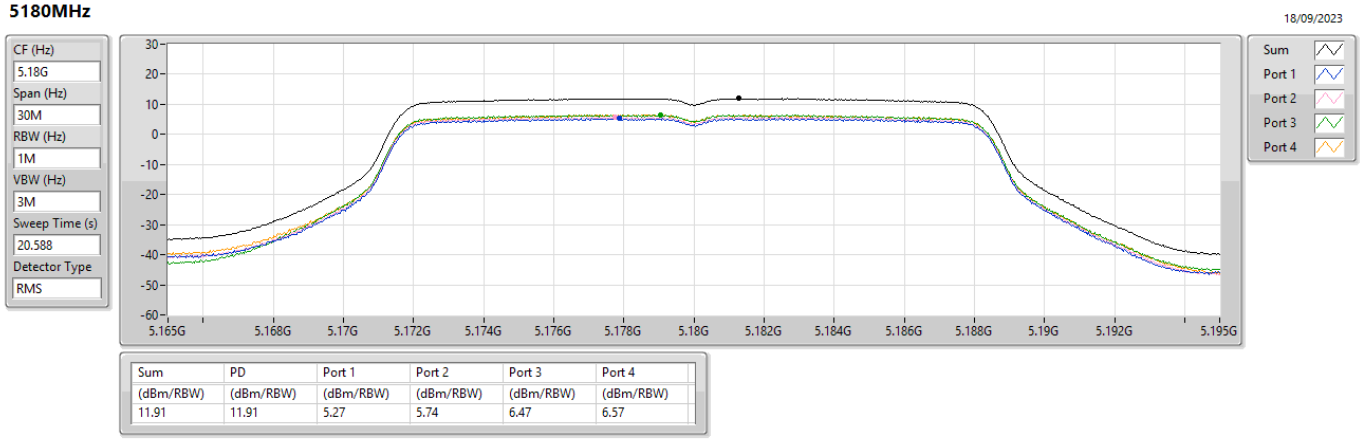
Result

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	11.02	5.27	5.74	6.47	6.57	11.91	11.98
5200MHz	Pass	11.02	5.02	5.42	6.37	6.39	11.73	11.98
5240MHz	Pass	11.02	5.36	5.40	6.36	6.12	11.70	11.98
5745MHz	Pass	11.02	9.52	10.03	10.10	9.91	15.75	24.98
5785MHz	Pass	11.02	9.49	9.71	9.94	10.10	15.75	24.98
5825MHz	Pass	11.02	9.29	9.68	10.02	9.83	15.53	24.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.02	5.30	5.53	6.16	6.28	11.76	11.98
5200MHz	Pass	11.02	4.99	5.42	6.08	6.16	11.60	11.98
5240MHz	Pass	11.02	5.37	5.32	6.00	6.00	11.58	11.98
5745MHz	Pass	11.02	9.03	9.21	9.21	9.28	15.03	24.98
5785MHz	Pass	11.02	8.78	8.99	9.02	9.39	14.93	24.98
5825MHz	Pass	11.02	8.76	9.04	9.19	9.17	14.93	24.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.02	5.20	5.31	6.19	6.34	11.58	11.98
5230MHz	Pass	11.02	5.06	5.20	6.28	5.96	11.60	11.98
5755MHz	Pass	11.02	5.84	6.11	6.29	6.46	12.06	24.98
5795MHz	Pass	11.02	5.76	5.87	6.03	6.06	11.85	24.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.02	2.37	2.80	3.73	3.29	8.96	11.98
5775MHz	Pass	11.02	2.04	2.13	2.53	2.60	8.20	24.98

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**

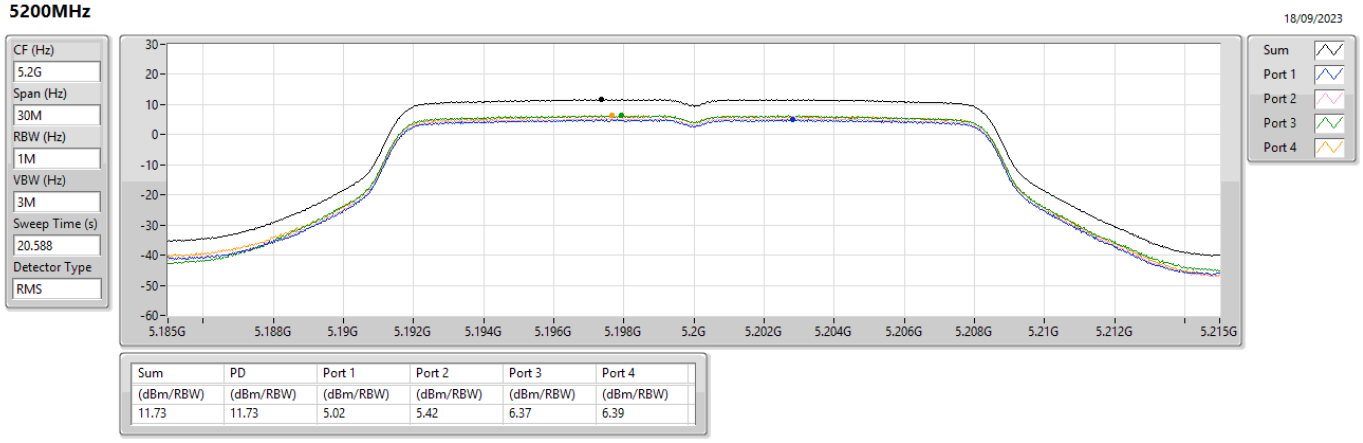
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.91	11.91	5.27	5.74	6.47	6.57

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

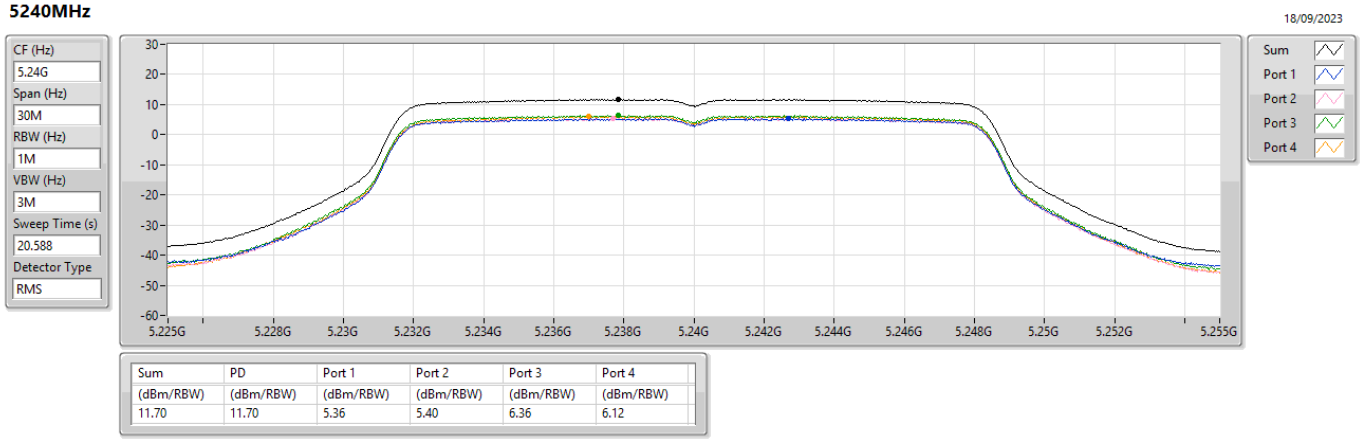
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.73	11.73	5.02	5.42	6.37	6.39

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

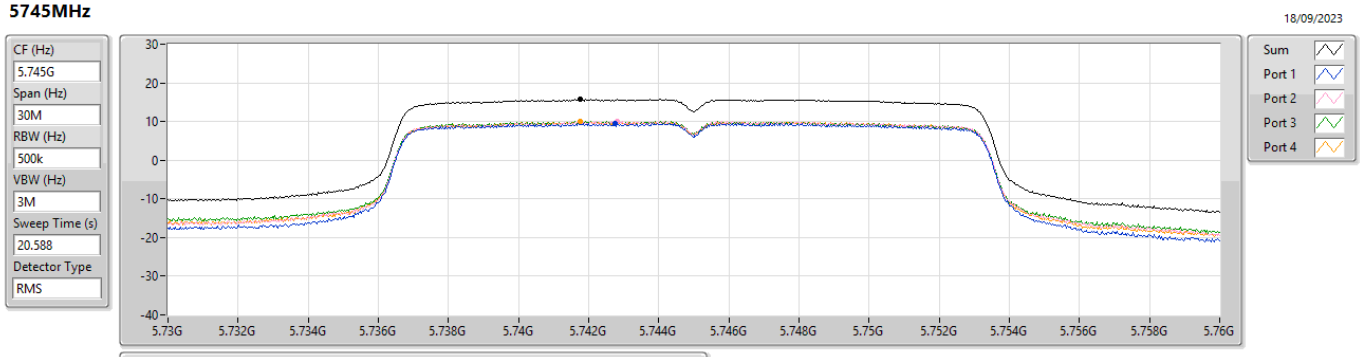
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.70	11.70	5.36	5.40	6.36	6.12

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

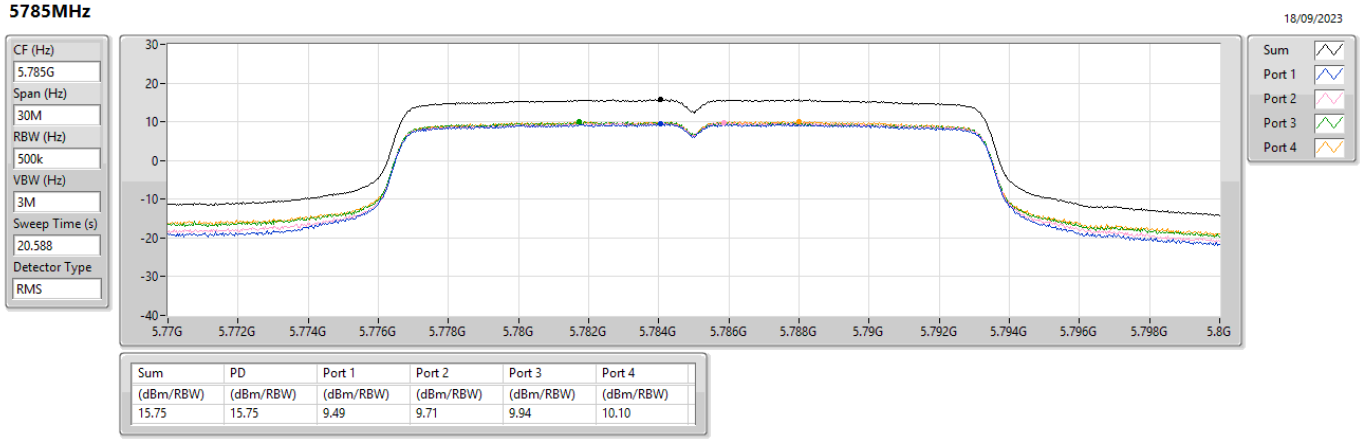
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.75	15.75	9.52	10.03	10.10	9.91

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

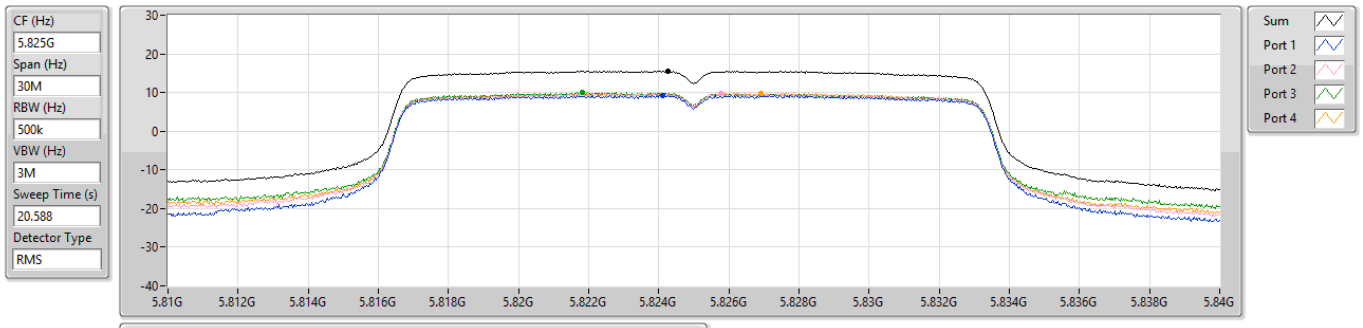
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.75	15.75	9.49	9.71	9.94	10.10

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

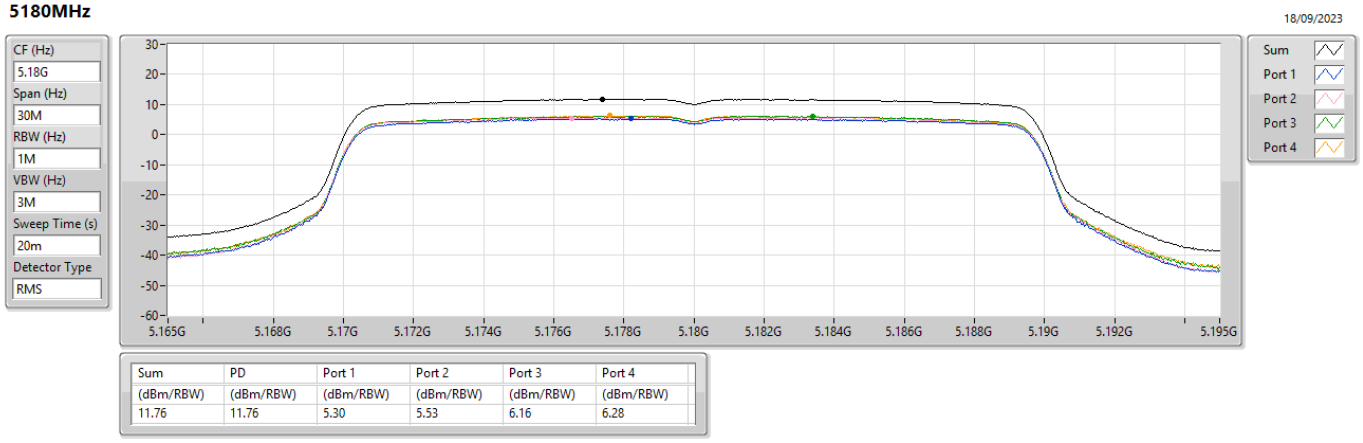
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.53	15.53	9.29	9.68	10.02	9.83

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

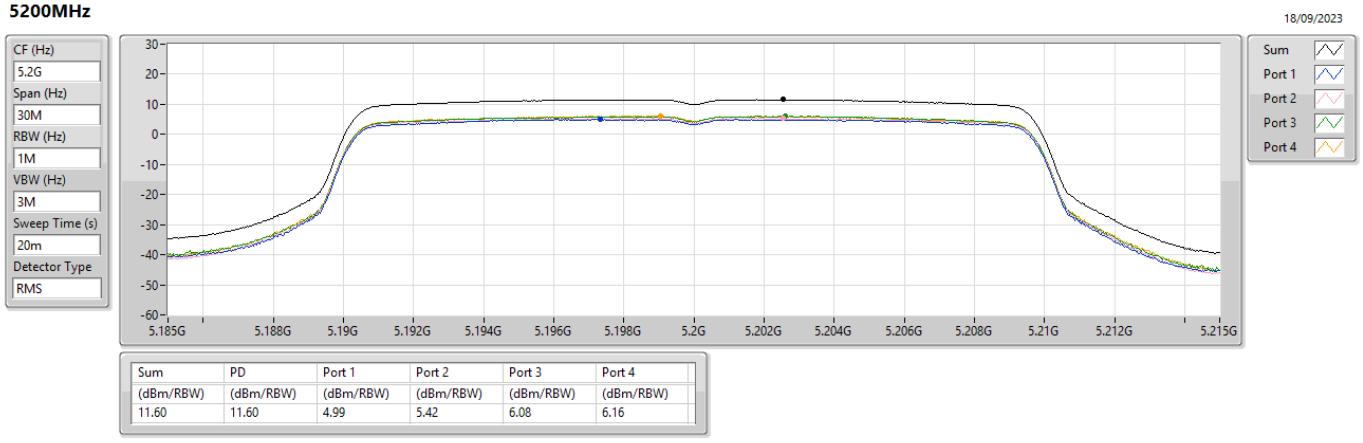
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.76	11.76	5.30	5.53	6.16	6.28

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

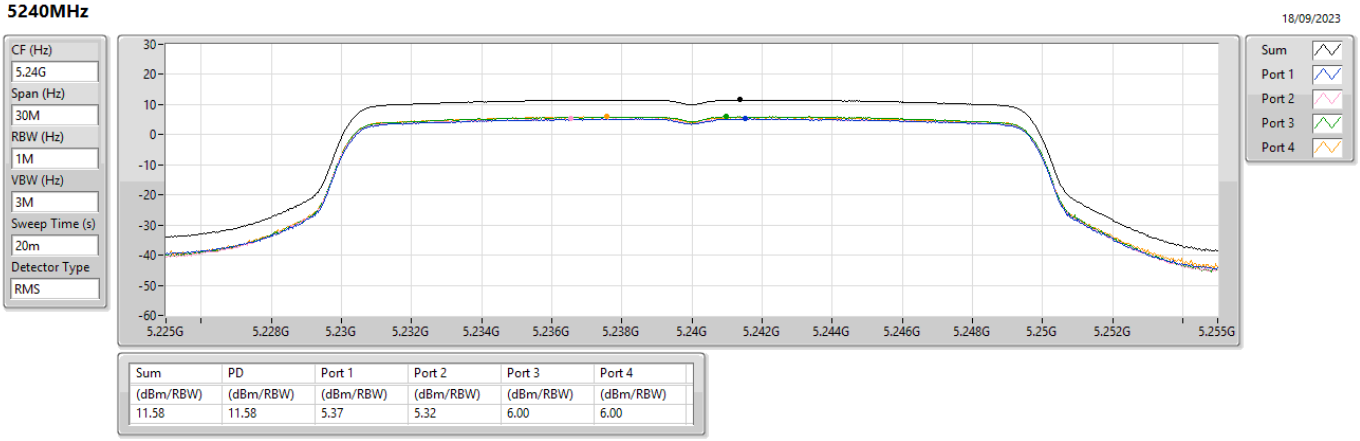
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.60	11.60	4.99	5.42	6.08	6.16

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

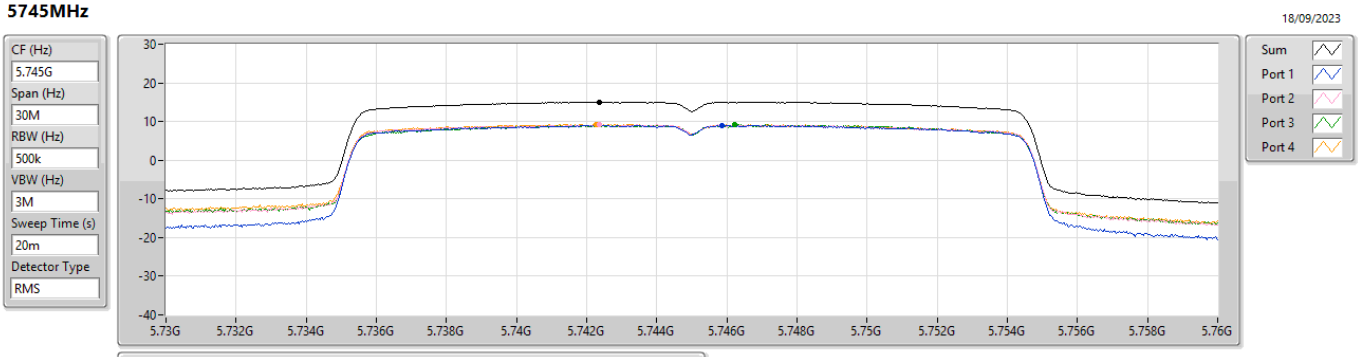
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.58	11.58	5.37	5.32	6.00	6.00

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

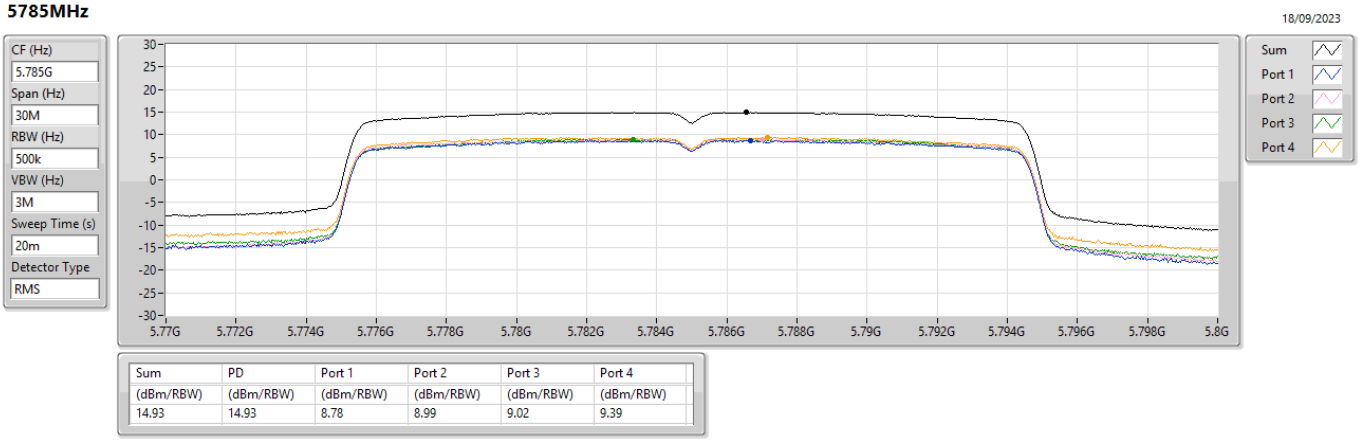
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.03	15.03	9.03	9.21	9.21	9.28

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

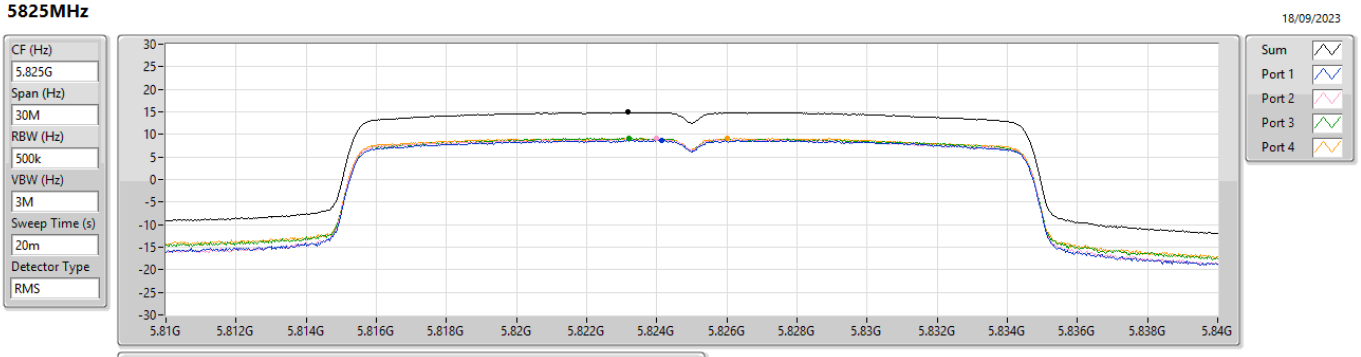
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.93	14.93	8.78	8.99	9.02	9.39

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

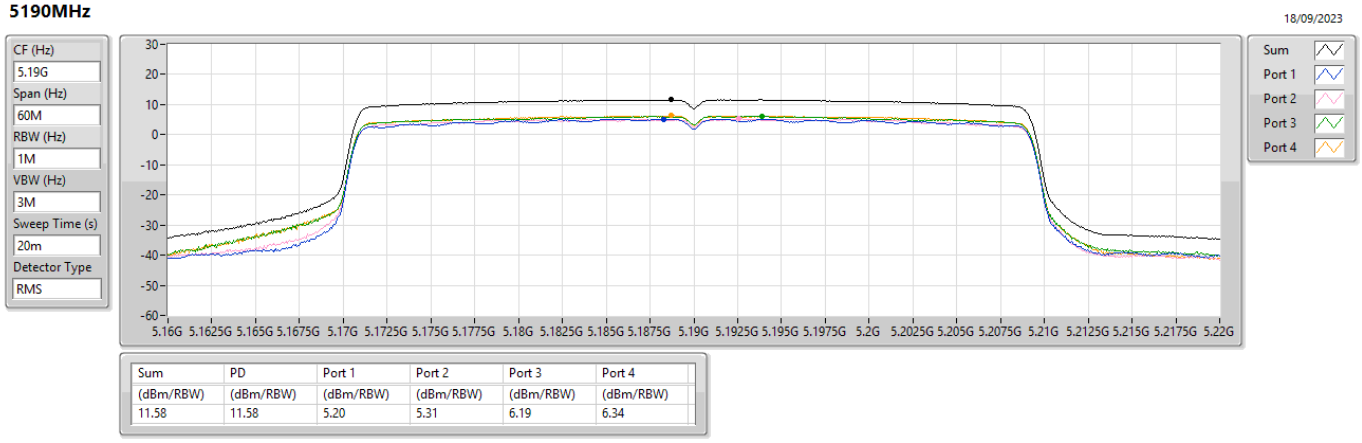
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.93	14.93	8.76	9.04	9.19	9.17

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

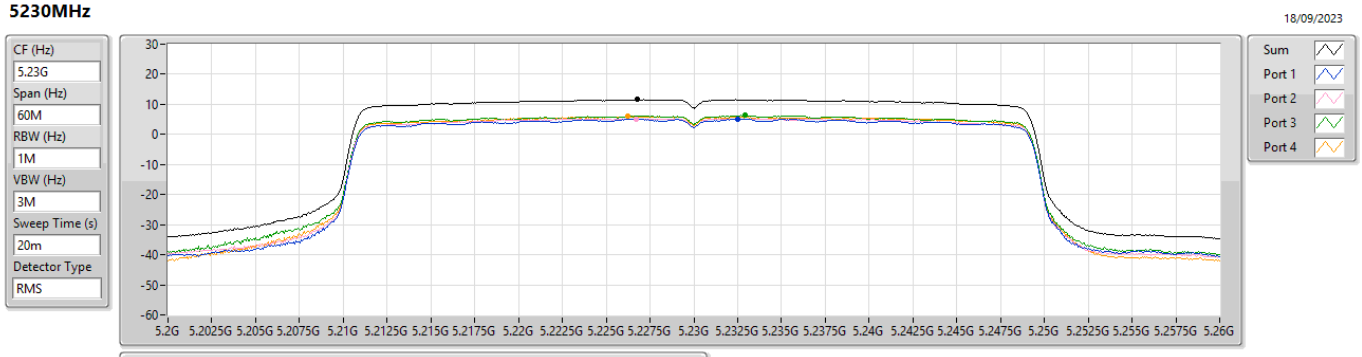
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.58	11.58	5.20	5.31	6.19	6.34

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

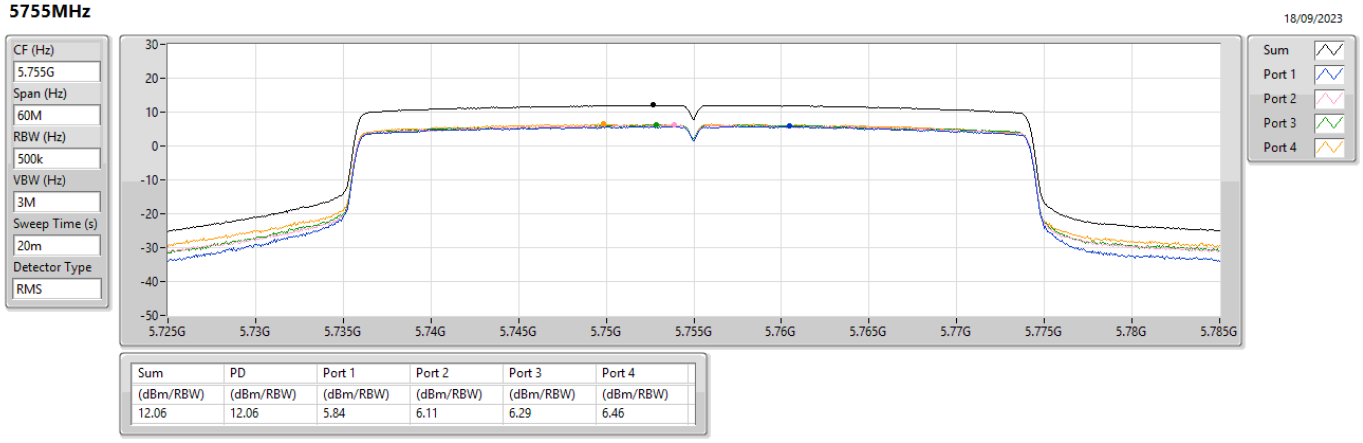
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.60	11.60	5.06	5.20	6.28	5.96

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

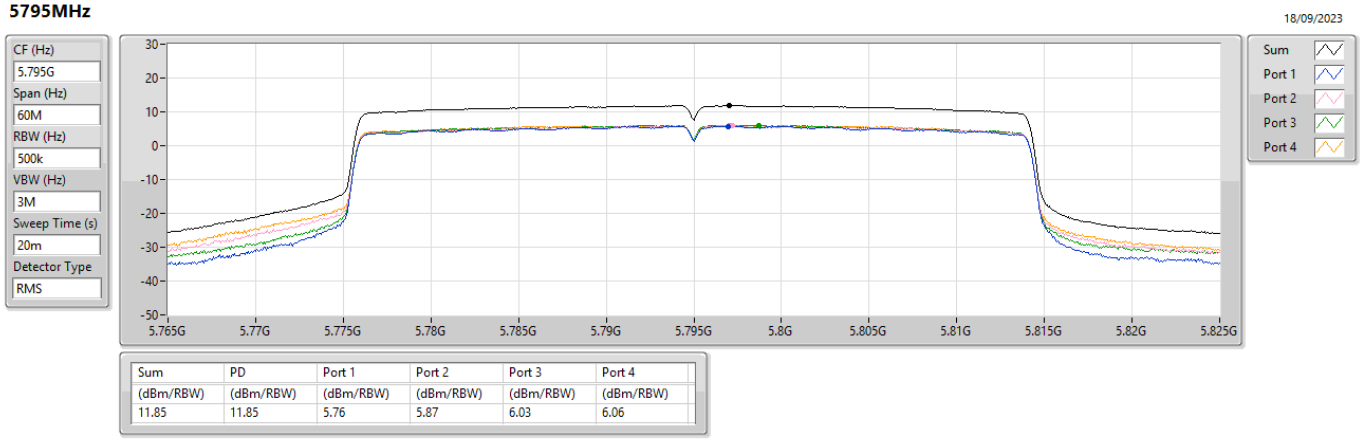
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.06	12.06	5.84	6.11	6.29	6.46

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

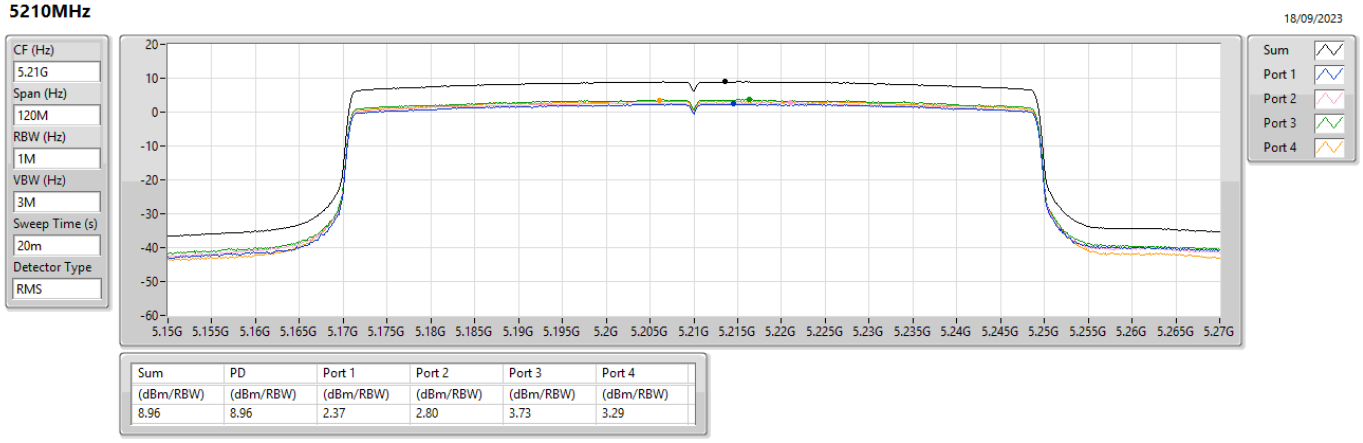
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.85	11.85	5.76	5.87	6.03	6.06

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

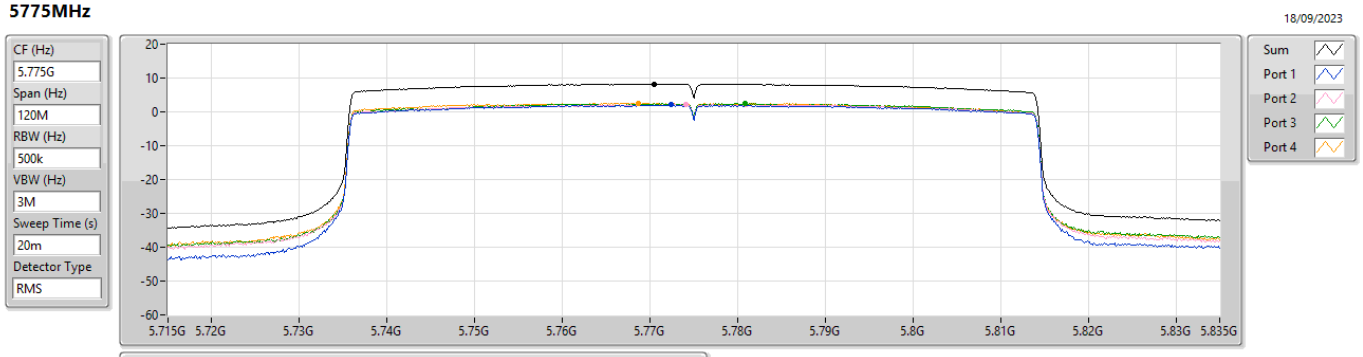
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.96	8.96	2.37	2.80	3.73	3.29

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

5775MHz

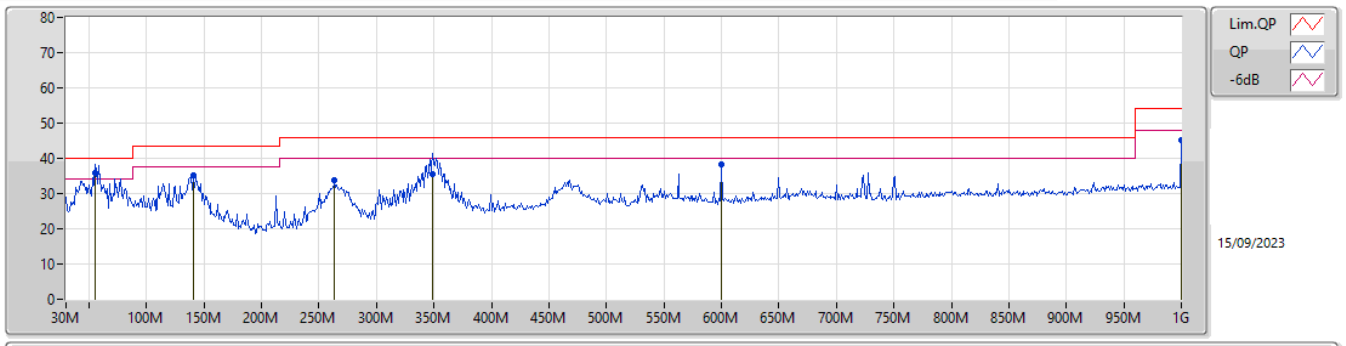


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.20	8.20	2.04	2.13	2.53	2.60

Summary

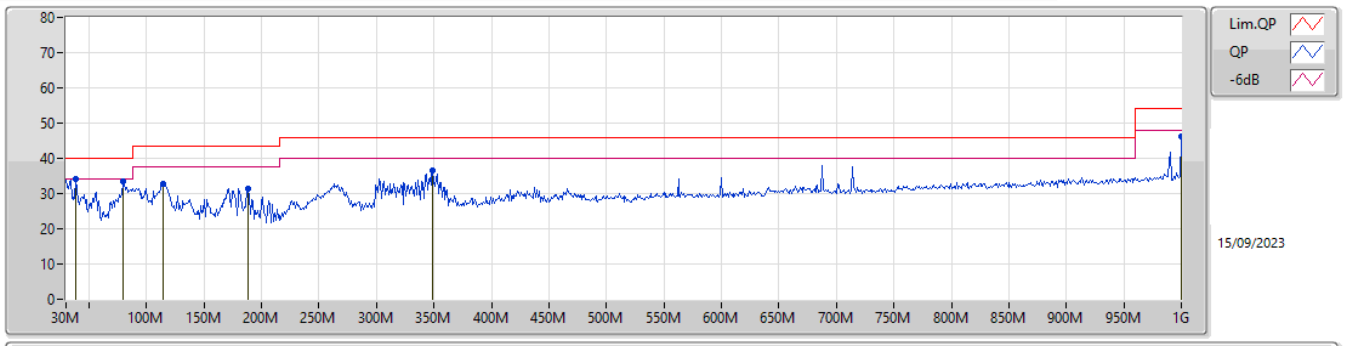
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	55.22M	35.72	40.00	-4.28	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	55.22M	35.72	40.00	-4.28	-17.67	3	Vertical	196	1.00	"Worst"	53.39	12.85	1.36	31.88
PK	140.58M	35.08	43.50	-8.42	-12.80	3	Vertical	300	1.00	-	47.88	17.09	2.08	31.97
PK	263.77M	33.77	46.00	-12.23	-9.84	3	Vertical	0	1.00	-	43.61	19.33	2.89	32.06
QP	349.13M	35.52	46.00	-10.48	-8.59	3	Vertical	247	1.25	-	44.11	20.19	3.38	32.16
PK	600.36M	38.43	46.00	-7.57	-3.68	3	Vertical	208	1.50	-	42.11	24.36	4.49	32.53
PK	999.99M	45.27	54.00	-8.73	0.77	3	Vertical	146	2.00	-	44.50	27.16	5.86	32.25

Mode 1



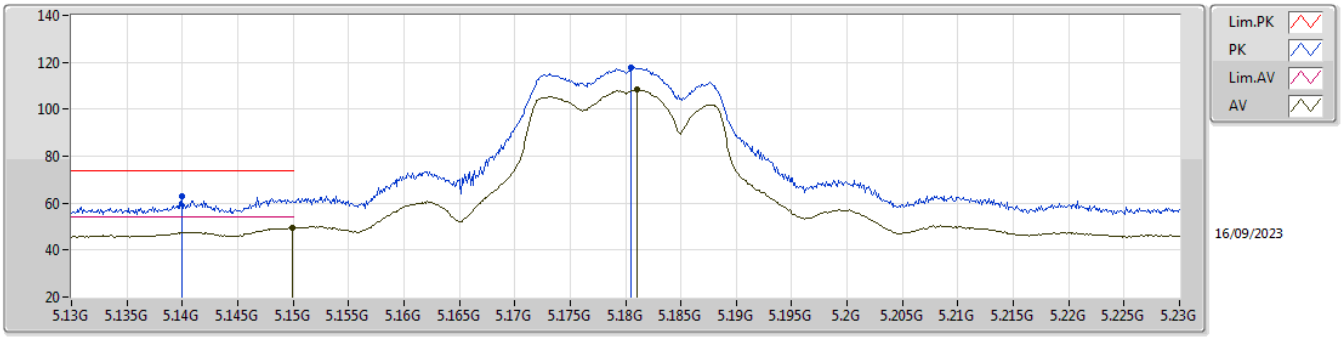
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	38.73M	34.10	40.00	-5.90	-11.12	3	Horizontal	159	1.00	"Worst"	45.22	19.45	1.19	31.76
PK	79.47M	33.39	40.00	-6.61	-17.46	3	Horizontal	209	2.00	-	50.85	12.90	1.60	31.96
PK	114.39M	32.90	43.50	-10.60	-12.06	3	Horizontal	353	1.50	-	44.96	18.01	1.90	31.97
PK	188.11M	31.47	43.50	-12.03	-14.45	3	Horizontal	209	2.00	-	45.92	15.14	2.42	32.01
PK	349.13M	36.67	46.00	-9.33	-8.59	3	Horizontal	275	1.00	-	45.26	20.19	3.38	32.16
PK	999.99M	46.15	54.00	-7.85	0.77	3	Horizontal	198	1.00	-	45.38	27.16	5.86	32.25

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.145G	53.99	54.00	-0.01	3	Vertical	33	1.80	-

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

5180MHz_TX

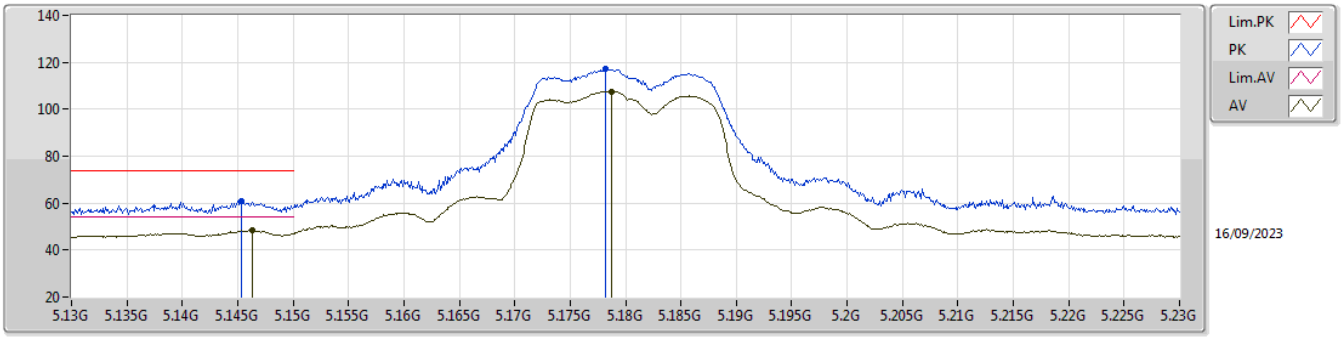


EUT Y_4TX
Setting 21.5
01-D-E-2-10

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	5.14G	62.94	74.00	-11.06	56.77	3	Vertical	217	1.80	-	33.10	5.97	32.90
AV	5.1499G	49.43	54.00	-4.57	43.26	3	Vertical	217	1.80	-	33.10	5.97	32.90
PK	5.1805G	117.93	Inf	-Inf	111.67	3	Vertical	217	1.80	-	33.16	5.99	32.89
AV	5.181G	108.36	Inf	-Inf	102.10	3	Vertical	217	1.80	-	33.16	5.99	32.89

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

5180MHz_TX

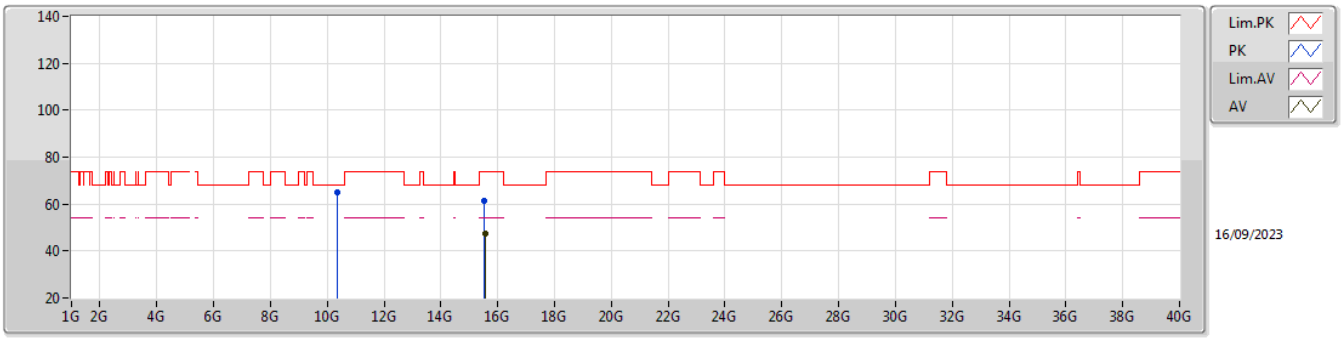


EUT Y_4TX
Setting 21.5
01-D-E-2-10

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	5.1453G	60.88	74.00	-13.12	54.71	3	Horizontal	185	1.80	-	33.10	5.97	32.90
AV	5.1463G	48.38	54.00	-5.62	42.21	3	Horizontal	185	1.80	-	33.10	5.97	32.90
PK	5.1782G	117.17	Inf	-Inf	110.91	3	Horizontal	185	1.80	-	33.16	5.99	32.89
AV	5.1787G	107.64	Inf	-Inf	101.38	3	Horizontal	185	1.80	-	33.16	5.99	32.89

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

5180MHz_TX

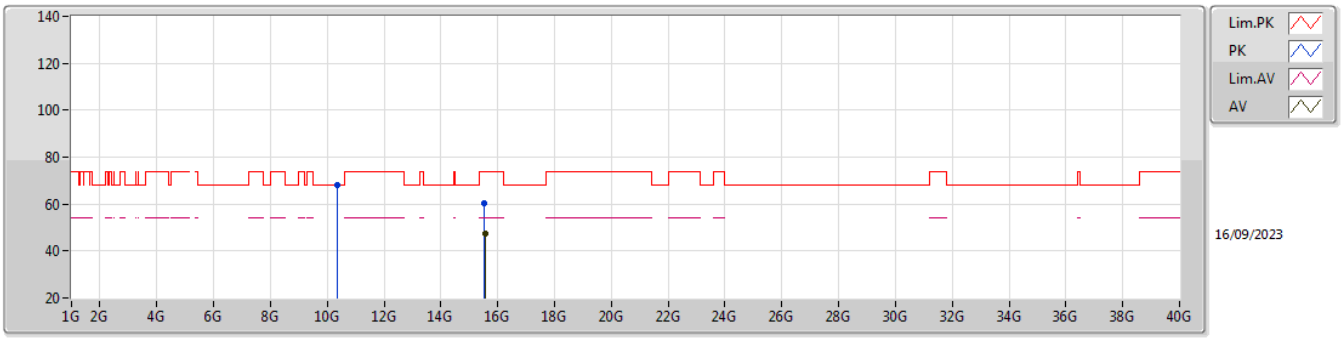


EUT Y_4TX
Setting 21.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36069G	64.98	68.20	-3.22	50.53	3	Vertical	137	1.80	-	38.72	8.44	32.71
PK	15.53016G	61.20	74.00	-12.80	44.23	3	Vertical	35	1.67	-	38.54	10.51	32.08
AV	15.55185G	47.62	54.00	-6.38	30.69	3	Vertical	35	1.67	-	38.50	10.52	32.09

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

5180MHz_TX

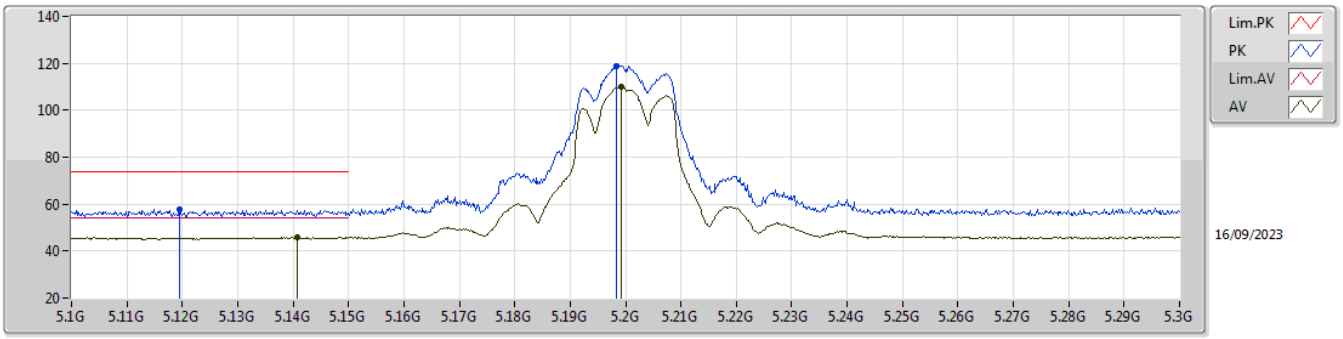


EUT Y_4TX
Setting 21.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35646G	68.02	68.20	-0.18	53.59	3	Horizontal	273	1.80	-	38.71	8.44	32.72
PK	15.54033G	60.31	74.00	-13.69	43.36	3	Horizontal	270	1.48	-	38.52	10.52	32.09
AV	15.55371G	47.52	54.00	-6.48	30.60	3	Horizontal	270	1.48	-	38.49	10.52	32.09

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

5200MHz_TX

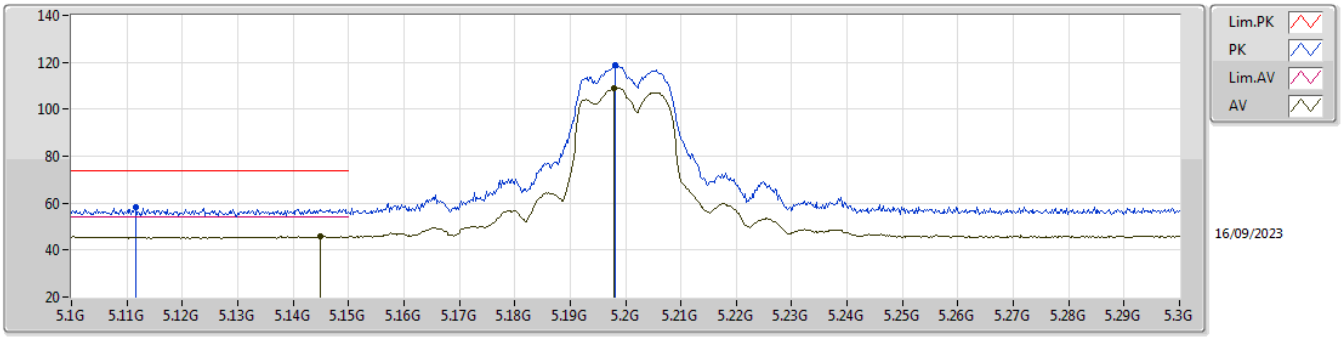


EUT Y_4TX
Setting 22
01-D-E-2-10

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	5.1196G	57.76	74.00	-16.24	51.61	3	Vertical	212	1.50	-	33.10	5.96	32.91
AV	5.1408G	45.84	54.00	-8.16	39.67	3	Vertical	212	1.50	-	33.10	5.97	32.90
PK	5.1984G	119.05	Inf	-Inf	112.74	3	Vertical	212	1.50	-	33.20	6.00	32.89
AV	5.1992G	109.88	Inf	-Inf	103.57	3	Vertical	212	1.50	-	33.20	6.00	32.89

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

5200MHz_TX

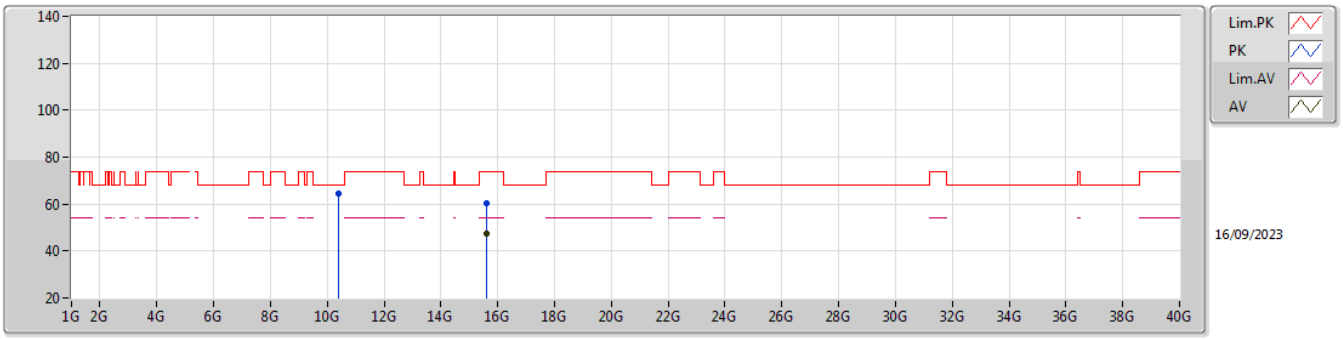


EUT Y_4TX
Setting 22
01-D-E-2-10

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	5.1116G	58.15	74.00	-15.85	52.00	3	Horizontal	182	1.77	-	33.10	5.96	32.91
AV	5.145G	45.83	54.00	-8.17	39.66	3	Horizontal	182	1.77	-	33.10	5.97	32.90
PK	5.1982G	118.66	Inf	-Inf	112.35	3	Horizontal	182	1.77	-	33.20	6.00	32.89
AV	5.198G	109.18	Inf	-Inf	102.87	3	Horizontal	182	1.77	-	33.20	6.00	32.89

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

5200MHz_TX

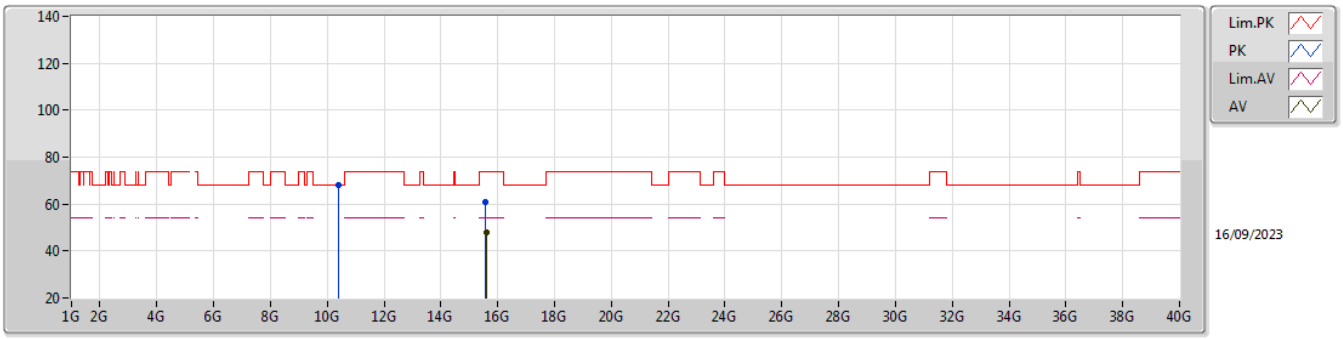


EUT Y_4TX
Setting 22
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39982G	64.36	68.20	-3.84	49.76	3	Vertical	274	1.80	-	38.80	8.46	32.66
PK	15.59481G	60.60	74.00	-13.40	43.77	3	Vertical	172	1.93	-	38.41	10.54	32.12
AV	15.60105G	47.60	54.00	-6.40	30.78	3	Vertical	172	1.93	-	38.40	10.54	32.12

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

5200MHz_TX

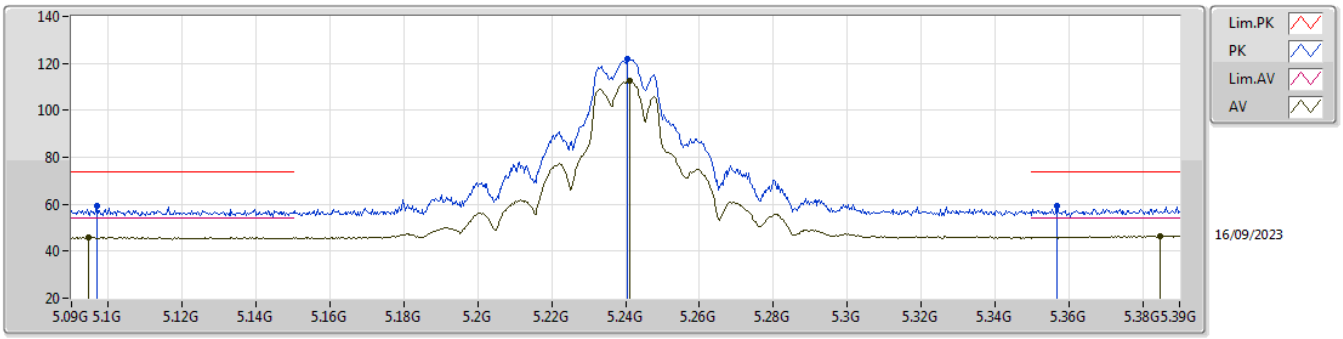


EUT Y_4TX
Setting 22
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39667G	68.03	68.20	-0.17	53.45	3	Horizontal	275	1.80	-	38.79	8.46	32.67
PK	15.58548G	60.66	74.00	-13.34	43.81	3	Horizontal	251	1.89	-	38.43	10.53	32.11
AV	15.60954G	47.70	54.00	-6.30	30.90	3	Horizontal	251	1.89	-	38.39	10.54	32.13

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

5240MHz_TX

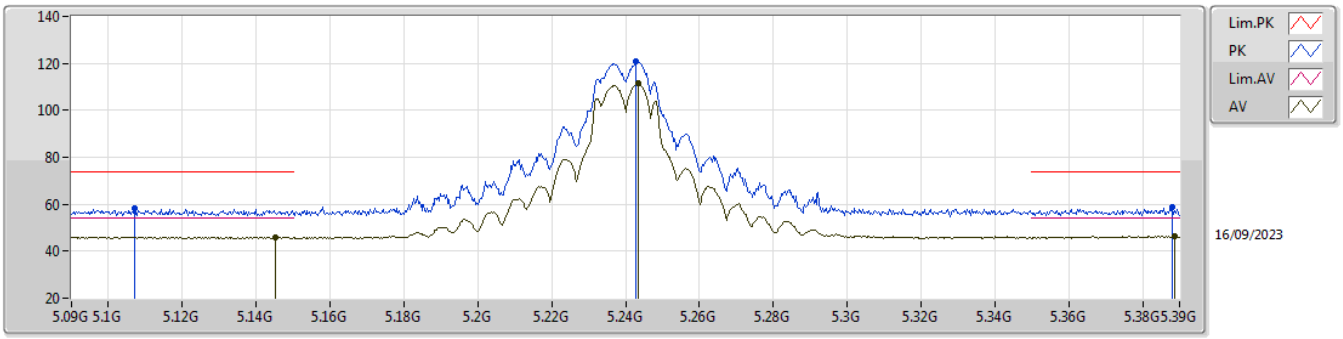


EUT Y_4TX
Setting 25.5
01-D-E-2-10

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	5.0969G	59.10	74.00	-14.90	52.95	3	Vertical	217	1.73	-	33.11	5.95	32.91
AV	5.0945G	45.89	54.00	-8.11	39.74	3	Vertical	217	1.73	-	33.11	5.95	32.91
PK	5.2406G	122.03	Inf	-Inf	115.61	3	Vertical	217	1.73	-	33.28	6.02	32.88
AV	5.2412G	112.75	Inf	-Inf	106.33	3	Vertical	217	1.73	-	33.28	6.02	32.88
PK	5.3567G	59.28	74.00	-14.72	52.53	3	Vertical	217	1.73	-	33.53	6.08	32.86
AV	5.3849G	46.63	54.00	-7.37	39.75	3	Vertical	217	1.73	-	33.64	6.09	32.85

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

5240MHz_TX

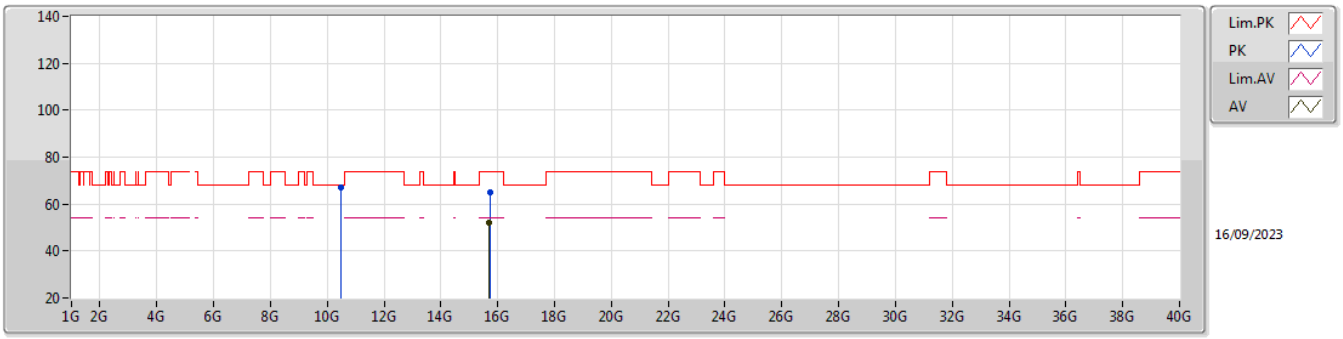


EUT Y_4TX
Setting 25.5
01-D-E-2-10

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	5.1071G	58.46	74.00	-15.54	52.32	3	Horizontal	169	1.67	-	33.10	5.95	32.91
AV	5.1452G	46.11	54.00	-7.89	39.94	3	Horizontal	169	1.67	-	33.10	5.97	32.90
PK	5.2427G	121.08	Inf	-Inf	114.65	3	Horizontal	169	1.67	-	33.29	6.02	32.88
AV	5.2433G	111.66	Inf	-Inf	105.23	3	Horizontal	169	1.67	-	33.29	6.02	32.88
PK	5.3879G	58.93	74.00	-15.07	52.04	3	Horizontal	169	1.67	-	33.65	6.09	32.85
AV	5.3888G	46.54	54.00	-7.46	39.64	3	Horizontal	169	1.67	-	33.66	6.09	32.85

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

5240MHz_TX

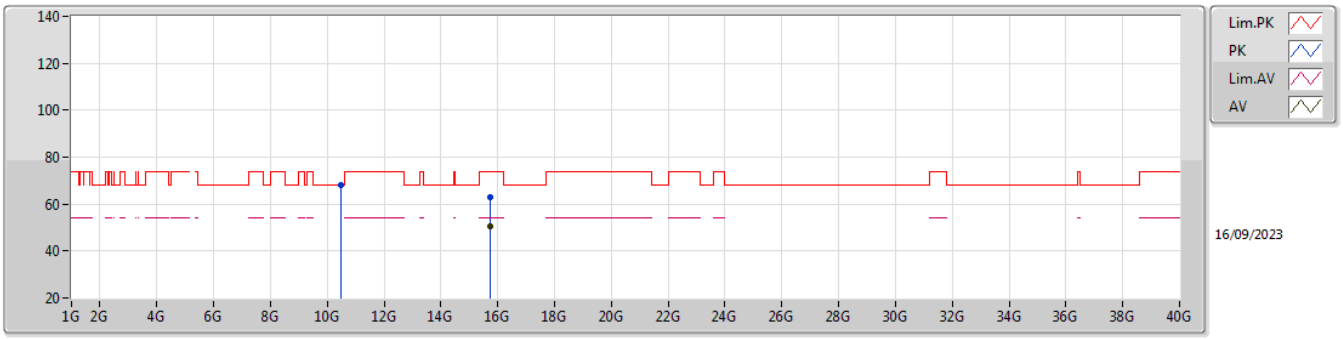


EUT Y_4TX
Setting 25.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47991G	66.88	68.20	-1.32	52.15	3	Vertical	276	1.80	-	38.80	8.49	32.56
PK	15.72651G	65.06	74.00	-8.94	48.29	3	Vertical	69	3.00	-	38.38	10.59	32.20
AV	15.71547G	51.96	54.00	-2.04	35.22	3	Vertical	69	3.00	-	38.35	10.59	32.20

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

5240MHz_TX

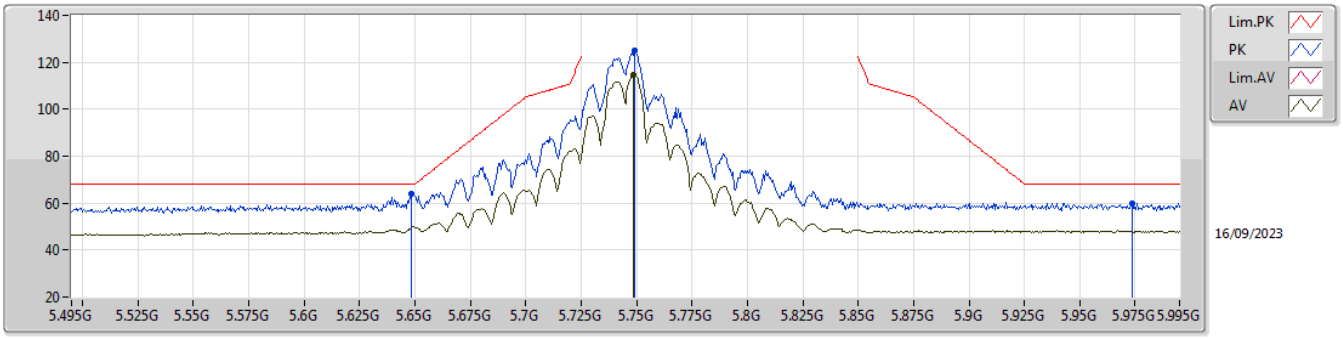


EUT Y_4TX
Setting 25.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47709G	68.16	68.20	-0.04	53.44	3	Horizontal	275	1.80	-	38.80	8.49	32.57
PK	15.71937G	63.16	74.00	-10.84	46.41	3	Horizontal	22	1.87	-	38.36	10.59	32.20
AV	15.71913G	50.31	54.00	-3.69	33.56	3	Horizontal	22	1.87	-	38.36	10.59	32.20

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

5745MHz_TX

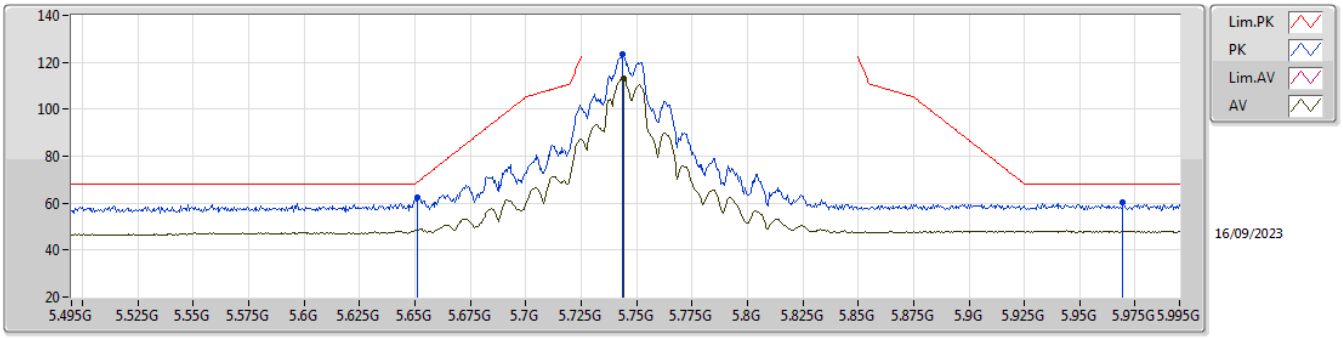


EUT Y_4TX
Setting 28
01-D-E-2-10

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	5.6485G	64.16	68.20	-4.04	56.52	3	Vertical	66	1.80	-	34.30	6.22	32.88
PK	5.749G	124.87	Inf	-Inf	117.01	3	Vertical	66	1.80	-	34.50	6.27	32.91
AV	5.7485G	114.66	Inf	-Inf	106.80	3	Vertical	66	1.80	-	34.50	6.27	32.91
PK	5.9735G	60.02	68.20	-8.18	51.12	3	Vertical	66	1.80	-	35.50	6.39	32.99

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

5745MHz_TX

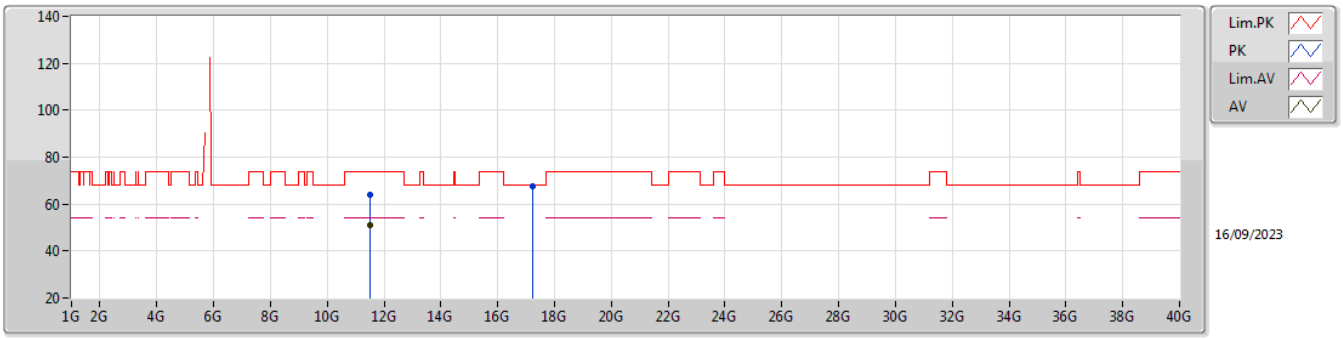


EUT Y_4TX
Setting 28
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.651G	62.57	68.94	-6.37	54.92	3	Horizontal	178	1.80	-	34.30	6.23	32.88
PK	5.7435G	123.33	Inf	-Inf	115.47	3	Horizontal	178	1.80	-	34.50	6.27	32.91
AV	5.744G	113.05	Inf	-Inf	105.19	3	Horizontal	178	1.80	-	34.50	6.27	32.91
PK	5.9695G	60.21	68.20	-7.99	51.32	3	Horizontal	178	1.80	-	35.50	6.38	32.99

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

5745MHz_TX

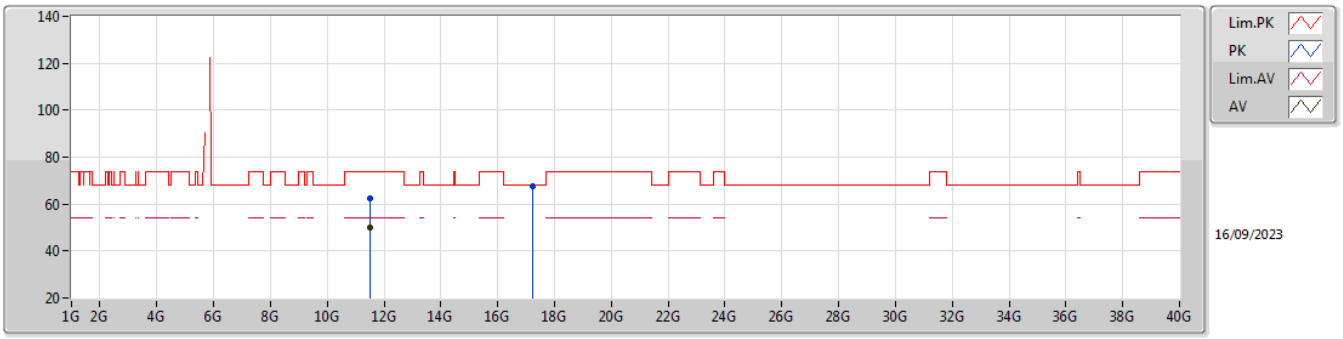


EUT Y_4TX
Setting 28
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49531G	63.79	74.00	-10.21	48.61	3	Vertical	9	1.78	-	38.80	8.90	32.52
AV	11.49612G	51.11	54.00	-2.89	35.93	3	Vertical	9	1.78	-	38.80	8.90	32.52
PK	17.23623G	67.56	68.20	-0.64	45.62	3	Vertical	225	1.80	-	42.04	11.19	31.29

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

5745MHz_TX

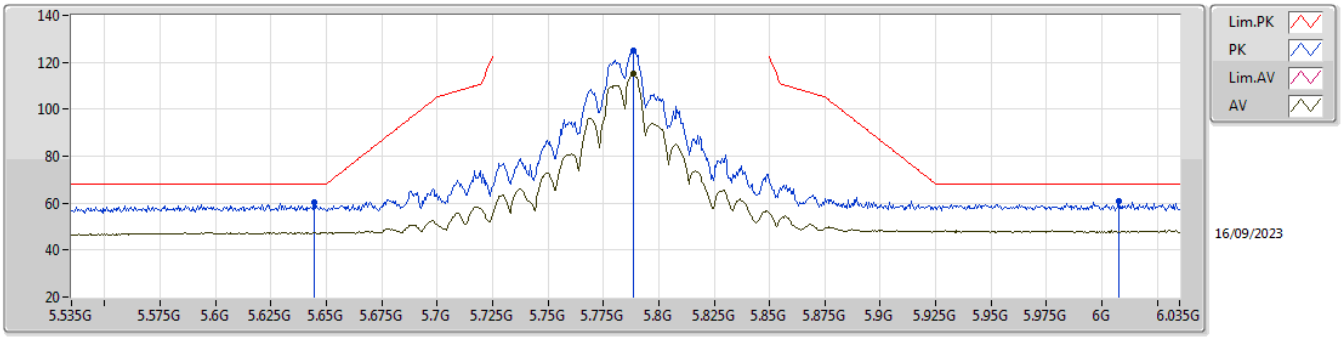


EUT Y_4TX
Setting 28
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49312G	62.41	74.00	-11.59	47.23	3	Horizontal	92	1.42	-	38.80	8.90	32.52
AV	11.49225G	49.96	54.00	-4.04	34.78	3	Horizontal	92	1.42	-	38.80	8.90	32.52
PK	17.23794G	67.80	68.20	-0.40	45.84	3	Horizontal	360	1.80	-	42.05	11.20	31.29

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

5785MHz_TX

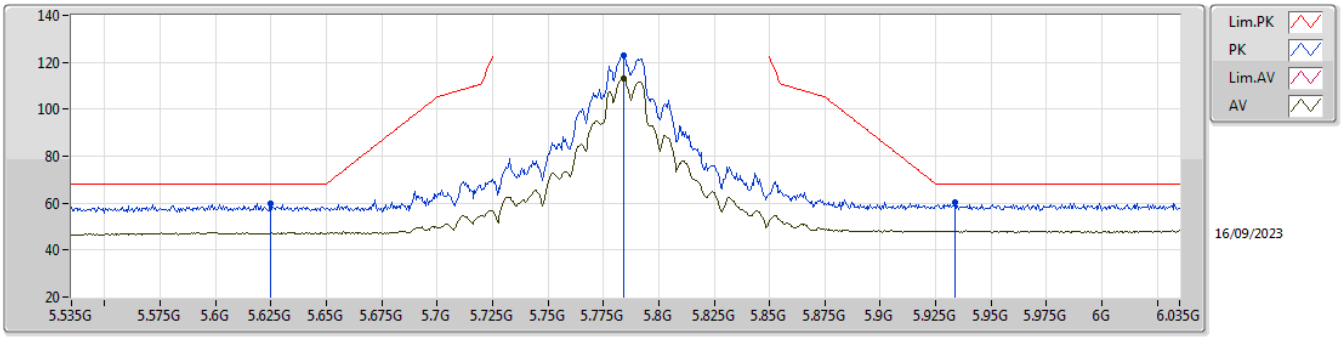


EUT Y_4TX
Setting 28
01-D-E-2-10

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	5.6445G	60.25	68.20	-7.95	52.61	3	Vertical	68	1.80	-	34.30	6.22	32.88
PK	5.7885G	125.19	Inf	-Inf	117.25	3	Vertical	68	1.80	-	34.58	6.29	32.93
AV	5.7885G	115.00	Inf	-Inf	107.06	3	Vertical	68	1.80	-	34.58	6.29	32.93
PK	6.0075G	60.73	68.20	-7.47	51.81	3	Vertical	68	1.80	-	35.52	6.40	33.00

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

5785MHz_TX

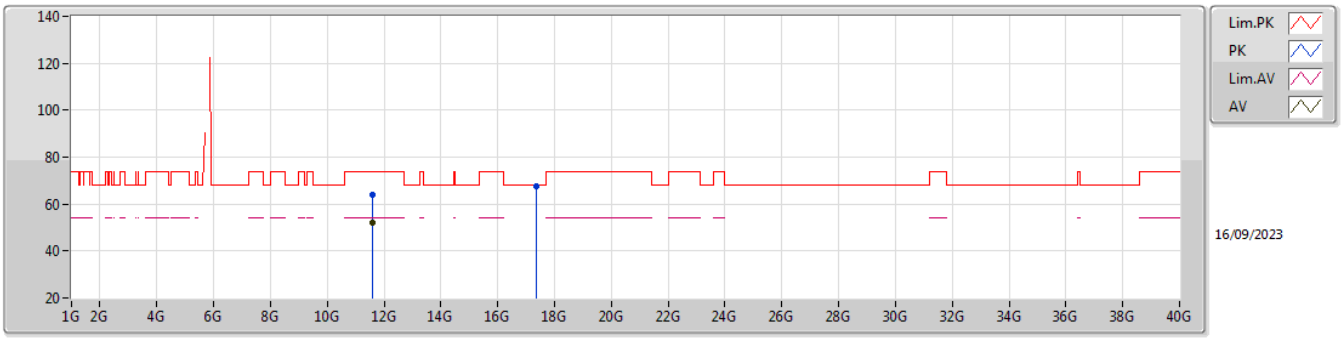


EUT Y_4TX
Setting 28
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.625G	60.02	68.20	-8.18	52.38	3	Horizontal	176	1.40	-	34.30	6.21	32.87
PK	5.784G	122.80	Inf	-Inf	114.87	3	Horizontal	176	1.40	-	34.57	6.29	32.93
AV	5.784G	112.99	Inf	-Inf	105.06	3	Horizontal	176	1.40	-	34.57	6.29	32.93
PK	5.9335G	60.34	68.20	-7.86	51.52	3	Horizontal	176	1.40	-	35.43	6.37	32.98

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

5785MHz_TX

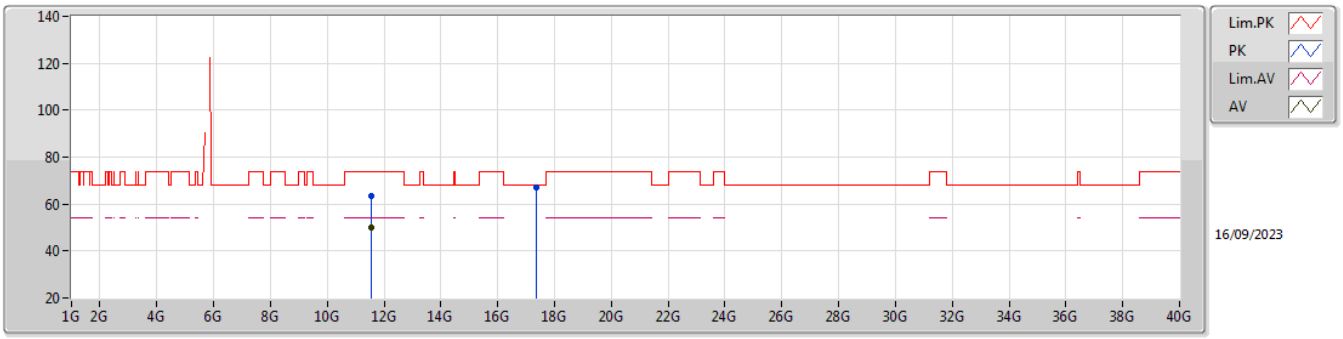


EUT Y_4TX
Setting 28
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57501G	64.21	74.00	-9.79	48.99	3	Vertical	9	1.80	-	38.80	8.93	32.51
AV	11.57642G	52.05	54.00	-1.95	36.83	3	Vertical	9	1.80	-	38.80	8.93	32.51
PK	17.35308G	67.60	68.20	-0.60	45.13	3	Vertical	2	1.80	-	42.46	11.24	31.23

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

5785MHz_TX

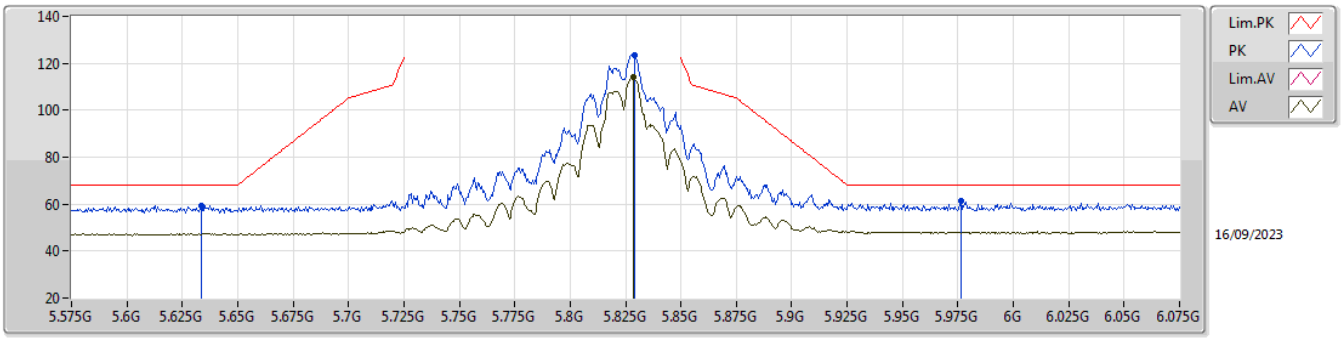


EUT Y_4TX
Setting 28
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56733G	63.34	74.00	-10.66	48.12	3	Horizontal	284	1.80	-	38.80	8.93	32.51
AV	11.56853G	49.99	54.00	-4.01	34.77	3	Horizontal	284	1.80	-	38.80	8.93	32.51
PK	17.35875G	67.28	68.20	-0.92	44.78	3	Horizontal	0	1.80	-	42.48	11.24	31.22

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

5825MHz_TX

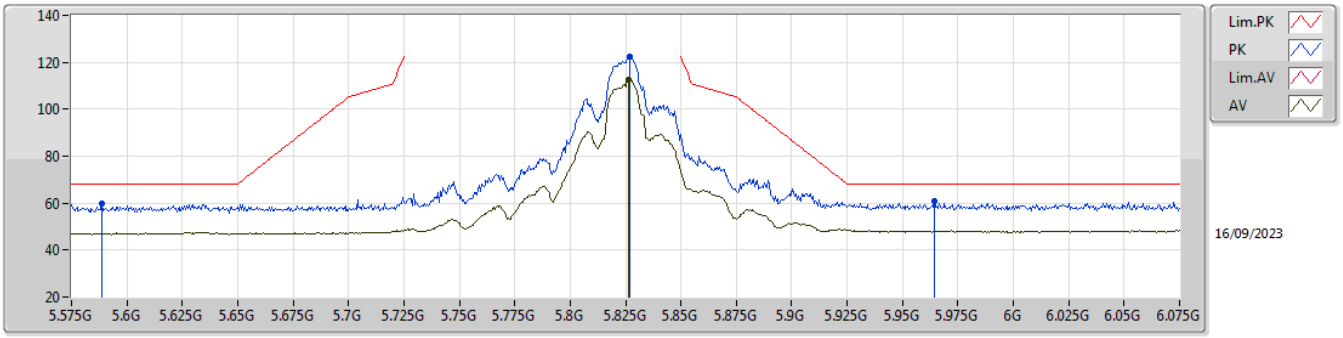


EUT Y_4TX
Setting 28
01-D-E-2-10

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	5.6335G	59.47	68.20	-8.73	51.83	3	Vertical	69	1.80	-	34.30	6.22	32.88
PK	5.829G	123.57	Inf	-Inf	115.43	3	Vertical	69	1.80	-	34.77	6.31	32.94
AV	5.8285G	114.05	Inf	-Inf	105.91	3	Vertical	69	1.80	-	34.77	6.31	32.94
PK	5.9765G	61.40	68.20	-6.80	52.50	3	Vertical	69	1.80	-	35.50	6.39	32.99

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

5825MHz_TX

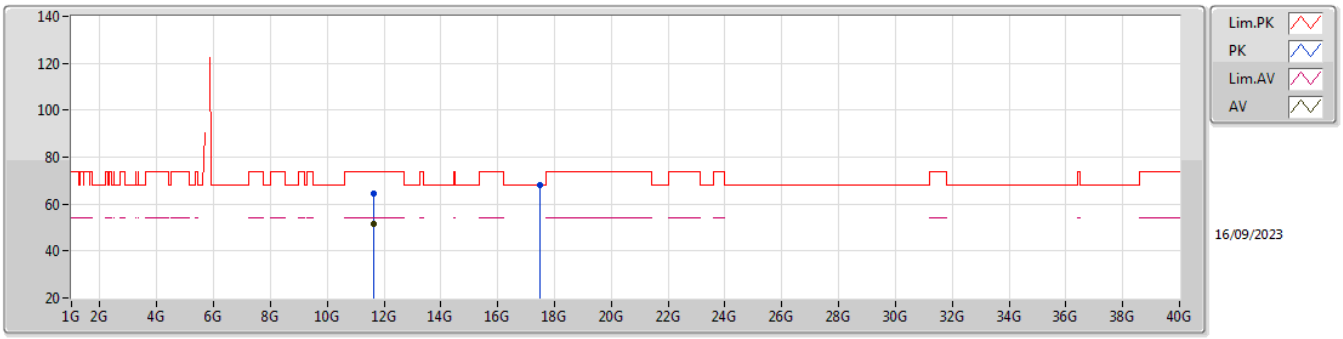


EUT Y_4TX
Setting 28
01-D-E-2-10

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	5.5885G	59.66	68.20	-8.54	52.08	3	Horizontal	360	1.31	-	34.25	6.19	32.86
PK	5.827G	122.51	Inf	-Inf	114.38	3	Horizontal	360	1.31	-	34.76	6.31	32.94
AV	5.8265G	112.54	Inf	-Inf	104.41	3	Horizontal	360	1.31	-	34.76	6.31	32.94
PK	5.9645G	60.64	68.20	-7.56	51.75	3	Horizontal	360	1.31	-	35.50	6.38	32.99

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

5825MHz_TX

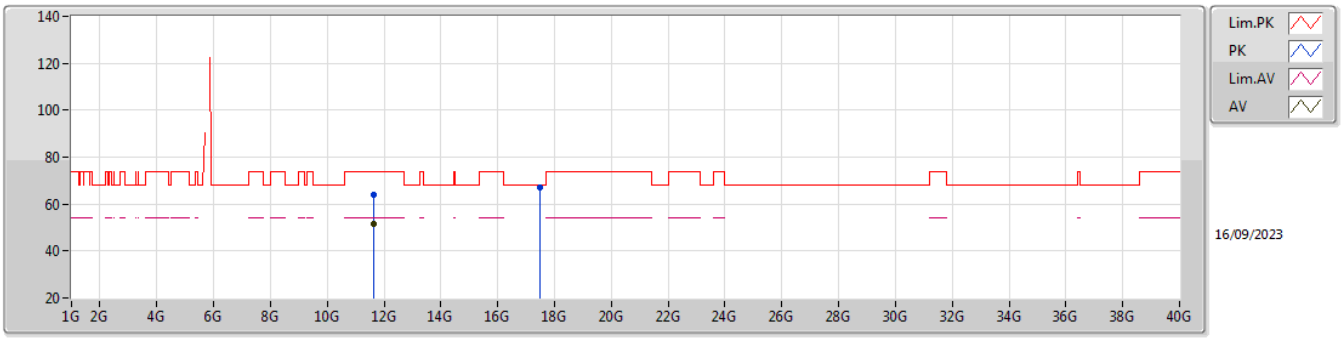


EUT Y_4TX
Setting 28
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64976G	64.60	74.00	-9.40	49.29	3	Vertical	8	1.80	-	38.85	8.96	32.50
AV	11.65633G	51.57	54.00	-2.43	36.25	3	Vertical	8	1.80	-	38.86	8.96	32.50
PK	17.48553G	67.86	68.20	-0.34	45.21	3	Vertical	4	1.80	-	42.51	11.29	31.15

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

5825MHz_TX

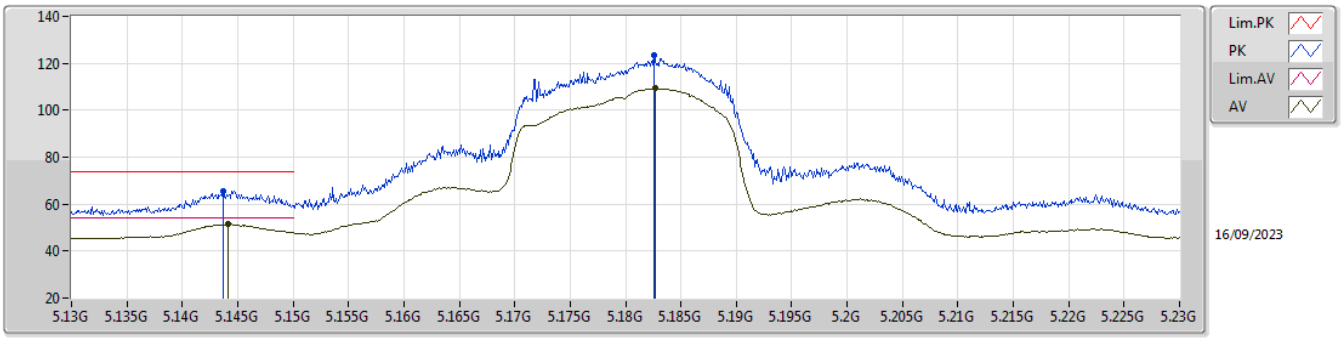


EUT Y_4TX
Setting 28
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64916G	64.01	74.00	-9.99	48.70	3	Horizontal	213	1.30	-	38.85	8.96	32.50
AV	11.64832G	51.34	54.00	-2.66	36.03	3	Horizontal	213	1.30	-	38.85	8.96	32.50
PK	17.4813G	66.87	68.20	-1.33	44.21	3	Horizontal	339	1.80	-	42.52	11.29	31.15

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

5180MHz_TX

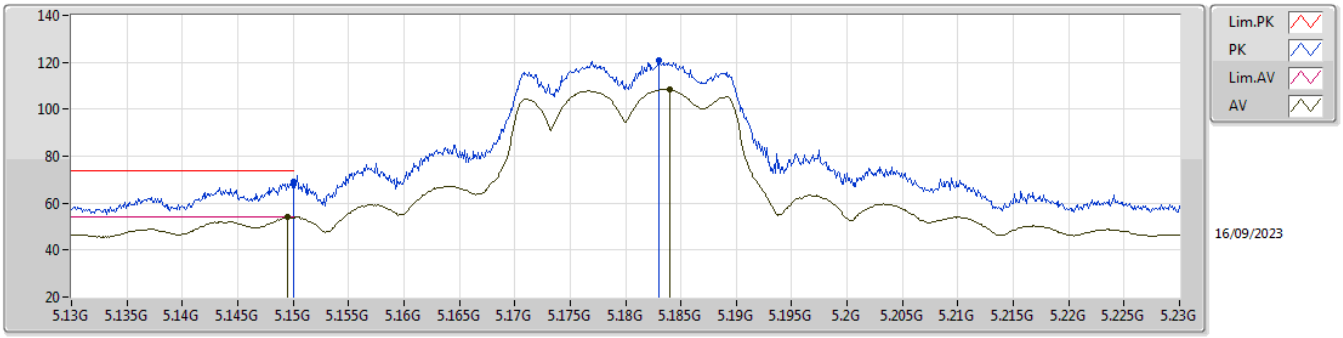


EUT Y_4TX
Setting 22.5
01-D-E-2-10

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	5.1437G	65.65	74.00	-8.35	59.48	3	Vertical	81	1.79	-	33.10	5.97	32.90
AV	5.1441G	51.47	54.00	-2.53	45.30	3	Vertical	81	1.79	-	33.10	5.97	32.90
PK	5.1826G	123.47	Inf	-Inf	117.20	3	Vertical	81	1.79	-	33.17	5.99	32.89
AV	5.1827G	109.30	Inf	-Inf	103.03	3	Vertical	81	1.79	-	33.17	5.99	32.89

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

5180MHz_TX

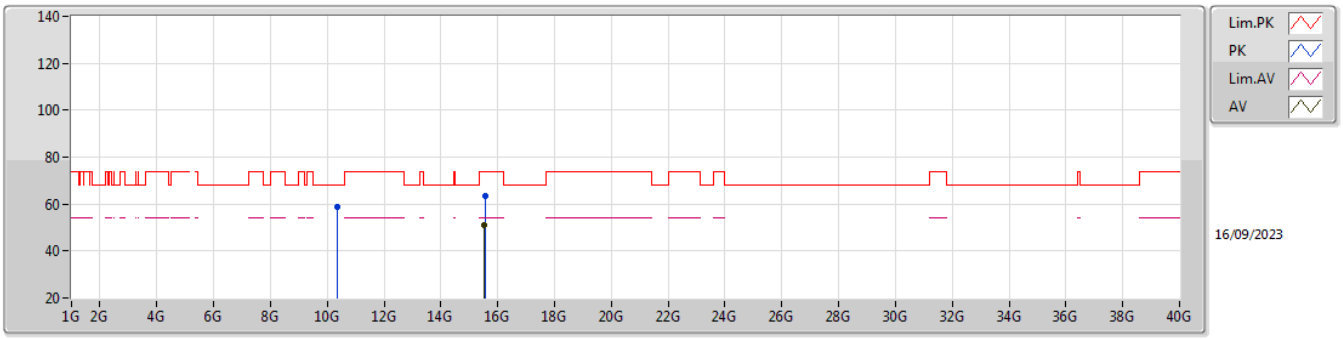


EUT Y_4TX
Setting 22.5
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	69.14	74.00	-4.86	62.97	3	Horizontal	171	1.80	-	33.10	5.97	32.90
AV	5.1495G	53.90	54.00	-0.10	47.73	3	Horizontal	171	1.80	-	33.10	5.97	32.90
PK	5.183G	121.08	Inf	-Inf	114.81	3	Horizontal	171	1.80	-	33.17	5.99	32.89
AV	5.184G	108.49	Inf	-Inf	102.22	3	Horizontal	171	1.80	-	33.17	5.99	32.89

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

5180MHz_TX

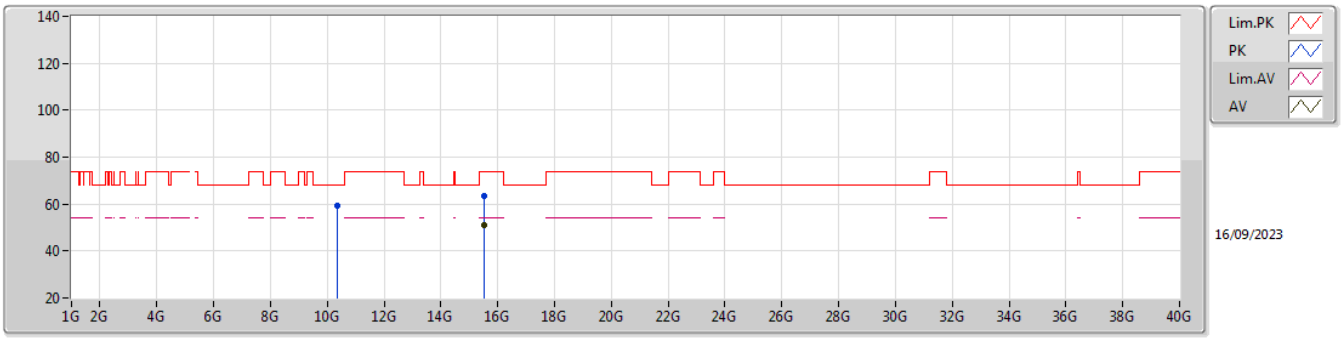


EUT Y_4TX
Setting 22.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.363G	58.69	68.20	-9.51	44.22	3	Vertical	356	1.62	-	38.73	8.45	32.71
PK	15.55449G	63.28	74.00	-10.72	46.36	3	Vertical	89	1.80	-	38.49	10.52	32.09
AV	15.53556G	51.13	54.00	-2.87	34.17	3	Vertical	89	1.80	-	38.53	10.51	32.08

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

5180MHz_TX

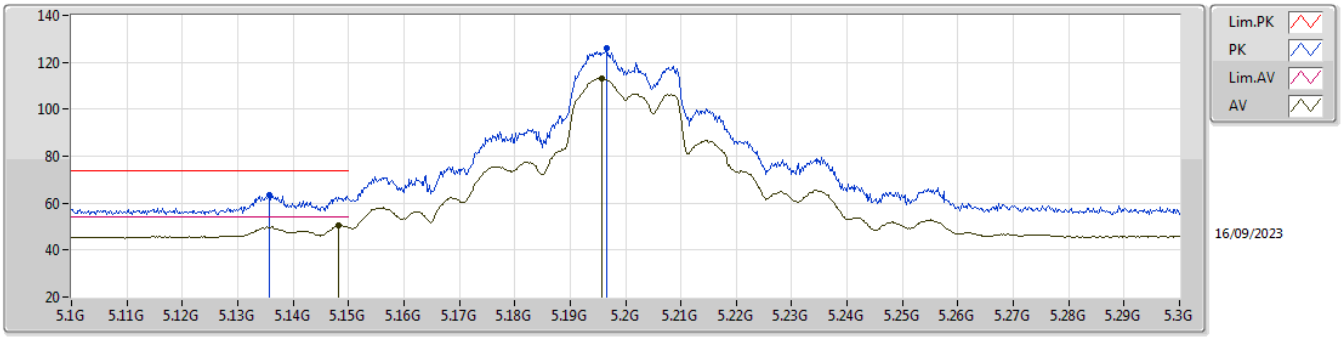


EUT Y_4TX
Setting 22.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36207G	59.16	68.20	-9.04	44.71	3	Horizontal	152	1.43	-	38.72	8.44	32.71
PK	15.54171G	63.20	74.00	-10.80	46.25	3	Horizontal	11	2.14	-	38.52	10.52	32.09
AV	15.54249G	51.05	54.00	-2.95	34.10	3	Horizontal	11	2.14	-	38.52	10.52	32.09

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

5200MHz_TX

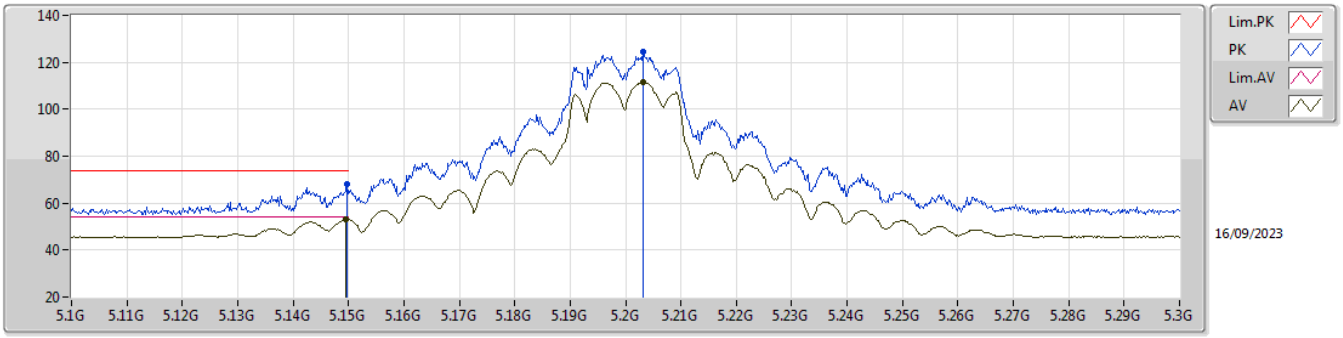


EUT Y_4TX
Setting 26.5
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1356G	63.58	74.00	-10.42	57.41	3	Vertical	33	2.31	-	33.10	5.97	32.90
AV	5.1482G	50.40	54.00	-3.60	44.23	3	Vertical	33	2.31	-	33.10	5.97	32.90
PK	5.1966G	126.02	Inf	-Inf	119.72	3	Vertical	33	2.31	-	33.19	6.00	32.89
AV	5.1958G	113.17	Inf	-Inf	106.87	3	Vertical	33	2.31	-	33.19	6.00	32.89

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

5200MHz_TX

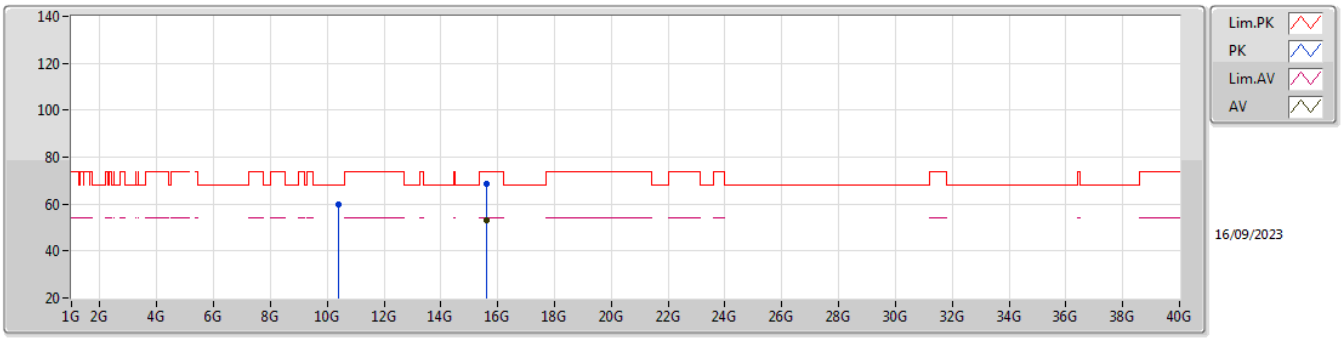


EUT Y_4TX
Setting 26.5
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	67.97	74.00	-6.03	61.80	3	Horizontal	167	1.80	-	33.10	5.97	32.90
AV	5.1494G	53.02	54.00	-0.98	46.85	3	Horizontal	167	1.80	-	33.10	5.97	32.90
PK	5.2032G	124.25	Inf	-Inf	117.93	3	Horizontal	167	1.80	-	33.21	6.00	32.89
AV	5.2032G	111.51	Inf	-Inf	105.19	3	Horizontal	167	1.80	-	33.21	6.00	32.89

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

5200MHz_TX

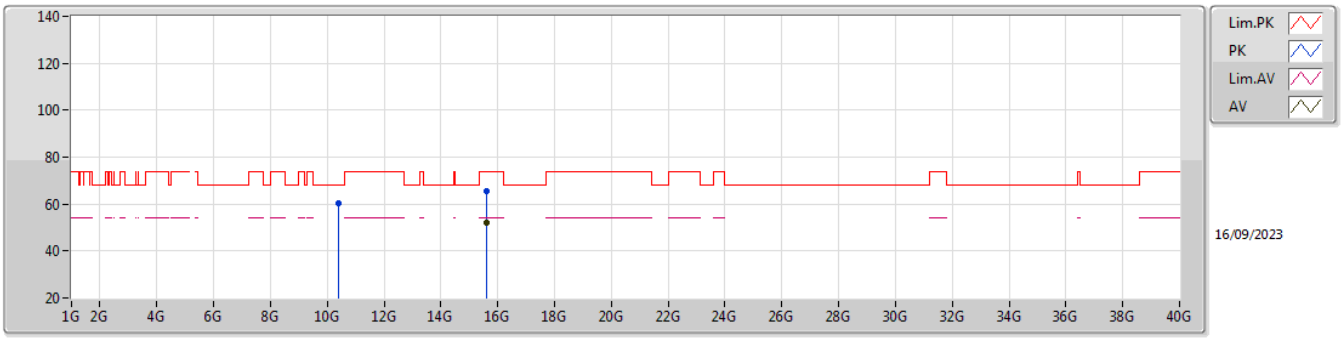


EUT Y_4TX
Setting 26.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40117G	59.88	68.20	-8.32	45.28	3	Vertical	321	1.62	-	38.80	8.46	32.66
PK	15.61293G	68.64	74.00	-5.36	51.83	3	Vertical	90	1.79	-	38.39	10.55	32.13
AV	15.59403G	52.97	54.00	-1.03	36.14	3	Vertical	90	1.79	-	38.41	10.54	32.12

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

5200MHz_TX

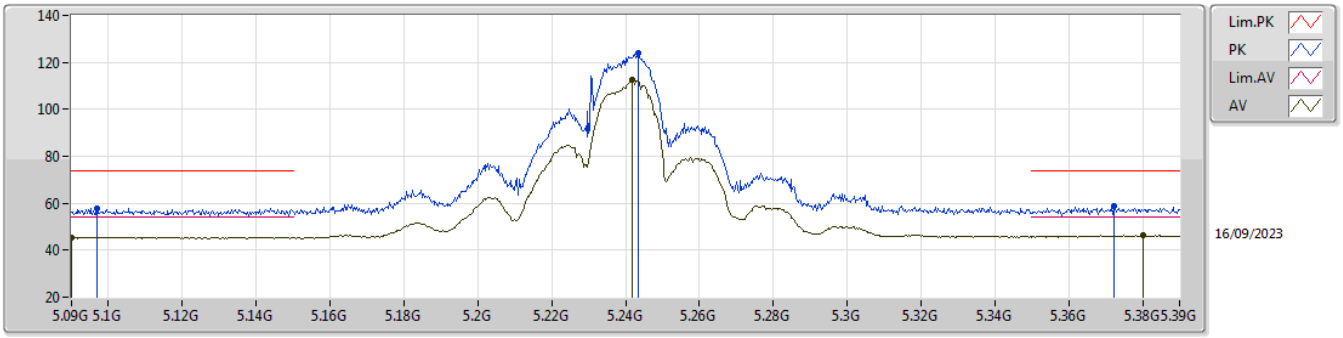


EUT Y_4TX
Setting 26.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40504G	60.48	68.20	-7.72	45.88	3	Horizontal	7	1.81	-	38.80	8.46	32.66
PK	15.60399G	65.77	74.00	-8.23	48.96	3	Horizontal	9	1.80	-	38.40	10.54	32.13
AV	15.6033G	52.08	54.00	-1.92	35.27	3	Horizontal	9	1.80	-	38.40	10.54	32.13

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

5240MHz_TX

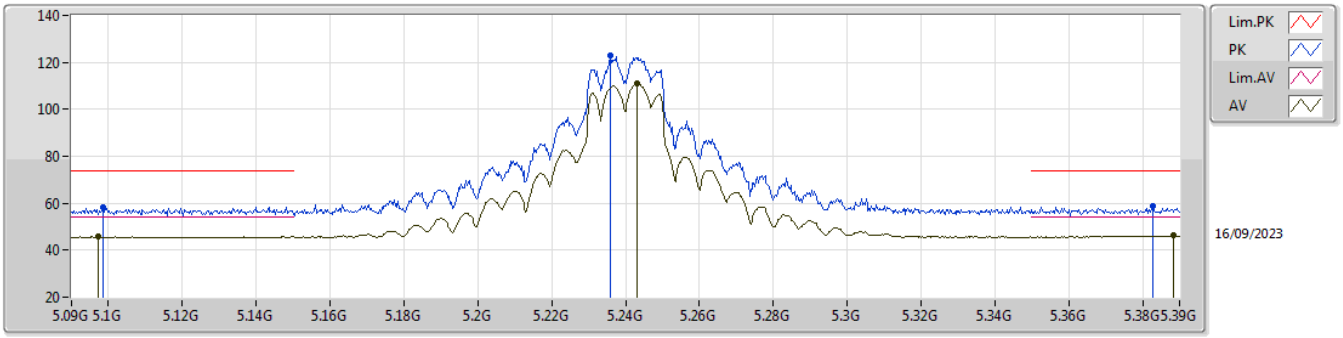


EUT Y_4TX
Setting 26.5
01-D-E-2-10

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	5.0969G	57.74	74.00	-16.26	51.59	3	Vertical	82	1.80	-	33.11	5.95	32.91
AV	5.09G	45.51	54.00	-8.49	39.35	3	Vertical	82	1.80	-	33.12	5.95	32.91
PK	5.2433G	123.92	Inf	-Inf	117.49	3	Vertical	82	1.80	-	33.29	6.02	32.88
AV	5.2418G	112.37	Inf	-Inf	105.95	3	Vertical	82	1.80	-	33.28	6.02	32.88
PK	5.3723G	58.58	74.00	-15.42	51.76	3	Vertical	82	1.80	-	33.59	6.09	32.86
AV	5.3801G	46.23	54.00	-7.77	39.37	3	Vertical	82	1.80	-	33.62	6.09	32.85

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

5240MHz_TX

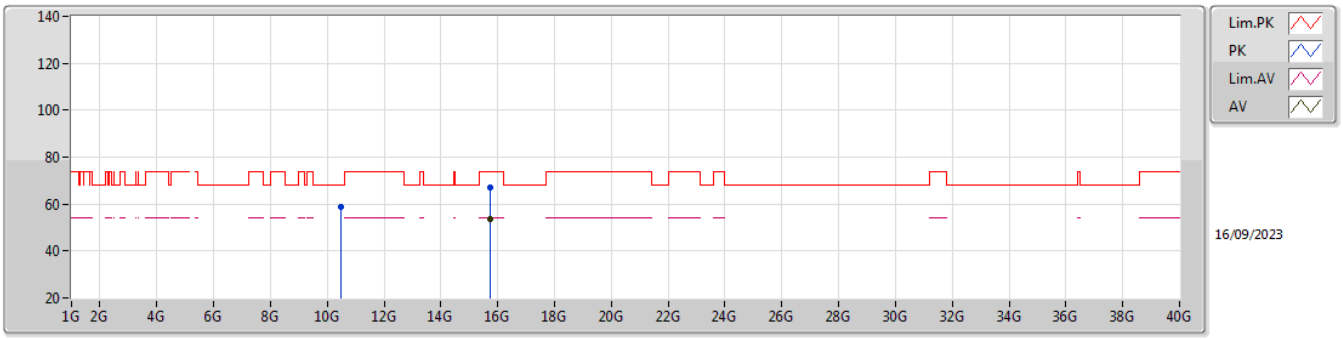


EUT Y_4TX
Setting 26.5
01-D-E-2-10

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	5.0984G	58.34	74.00	-15.66	52.20	3	Horizontal	169	1.80	-	33.10	5.95	32.91
AV	5.0972G	45.78	54.00	-8.22	39.63	3	Horizontal	169	1.80	-	33.11	5.95	32.91
PK	5.2358G	122.68	Inf	-Inf	116.27	3	Horizontal	169	1.80	-	33.27	6.02	32.88
AV	5.243G	111.04	Inf	-Inf	104.61	3	Horizontal	169	1.80	-	33.29	6.02	32.88
PK	5.3828G	58.73	74.00	-15.27	51.86	3	Horizontal	169	1.80	-	33.63	6.09	32.85
AV	5.3885G	46.17	54.00	-7.83	39.28	3	Horizontal	169	1.80	-	33.65	6.09	32.85

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

5240MHz_TX

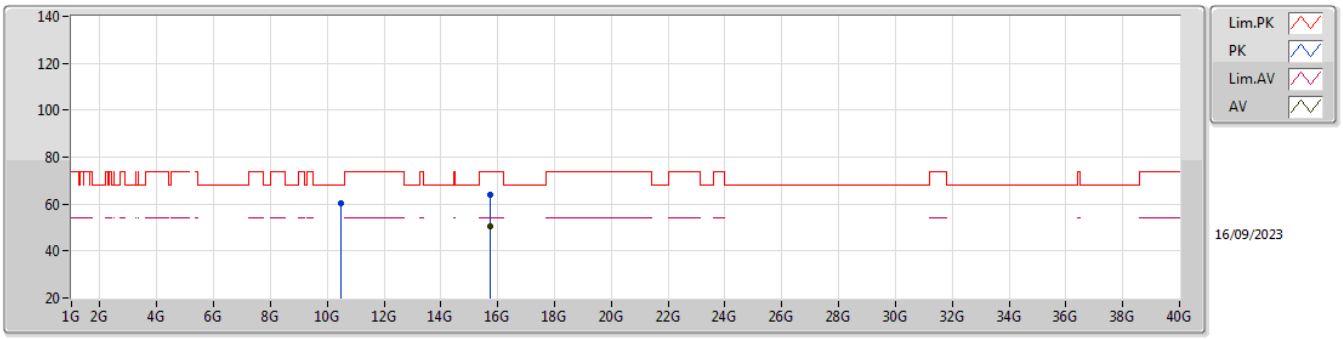


EUT Y_4TX
Setting 26.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48273G	58.97	68.20	-9.23	44.24	3	Vertical	97	1.83	-	38.80	8.49	32.56
PK	15.71775G	66.85	74.00	-7.15	50.11	3	Vertical	87	2.00	-	38.35	10.59	32.20
AV	15.71652G	53.65	54.00	-0.35	36.91	3	Vertical	87	2.00	-	38.35	10.59	32.20

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

5240MHz_TX

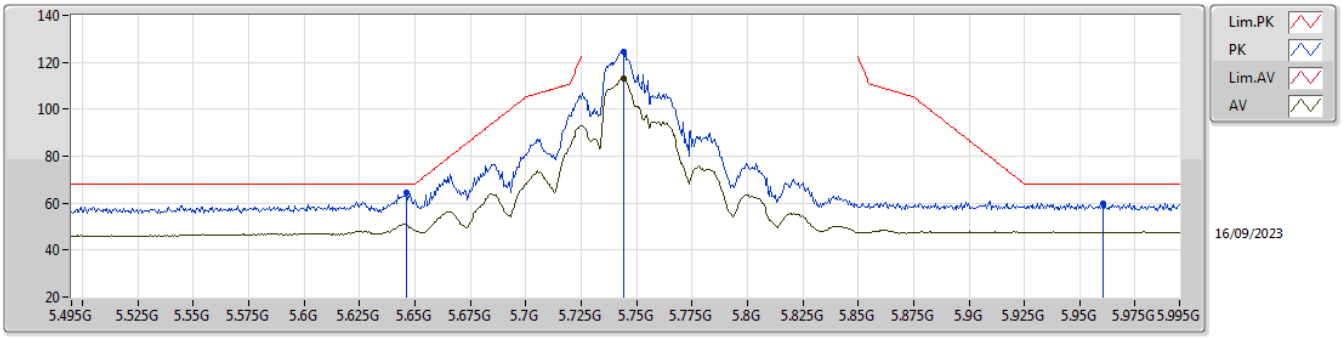


EUT Y_4TX
Setting 26.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47898G	60.51	68.20	-7.69	45.79	3	Horizontal	87	1.53	-	38.80	8.49	32.57
PK	15.72168G	63.93	74.00	-10.07	47.17	3	Horizontal	337	1.80	-	38.37	10.59	32.20
AV	15.72228G	50.73	54.00	-3.27	33.97	3	Horizontal	337	1.80	-	38.37	10.59	32.20

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

5745MHz_TX

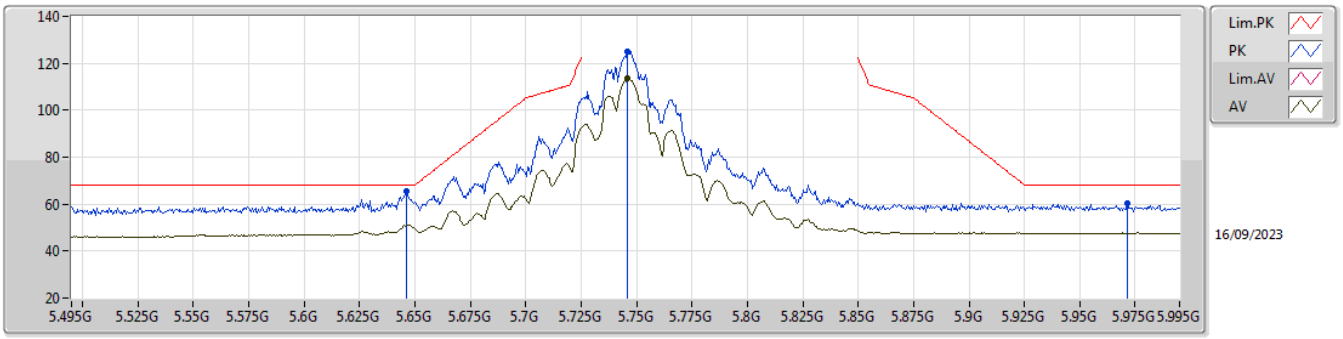


EUT Y_4TX
Setting 29
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	64.44	68.20	-3.76	56.80	3	Vertical	54	1.80	-	34.30	6.22	32.88
PK	5.744G	124.40	Inf	-Inf	116.54	3	Vertical	54	1.80	-	34.50	6.27	32.91
AV	5.744G	113.22	Inf	-Inf	105.36	3	Vertical	54	1.80	-	34.50	6.27	32.91
PK	5.9605G	59.88	68.20	-8.32	50.99	3	Vertical	54	1.80	-	35.50	6.38	32.99

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

5745MHz_TX

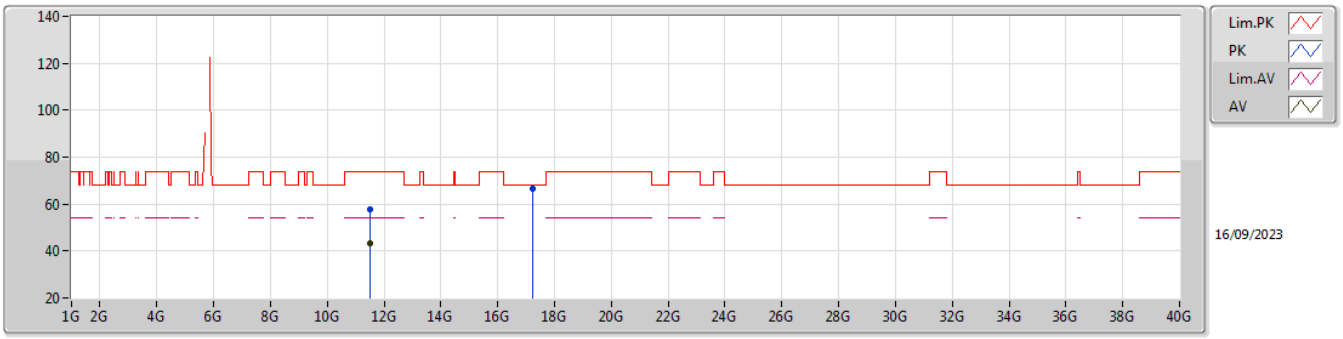


EUT Y_4TX
Setting 29
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	65.68	68.20	-2.52	58.04	3	Horizontal	8	1.28	-	34.30	6.22	32.88
PK	5.746G	125.16	Inf	-Inf	117.30	3	Horizontal	8	1.28	-	34.50	6.27	32.91
AV	5.746G	113.69	Inf	-Inf	105.83	3	Horizontal	8	1.28	-	34.50	6.27	32.91
PK	5.9715G	60.31	68.20	-7.89	51.41	3	Horizontal	8	1.28	-	35.50	6.39	32.99

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

5745MHz_TX

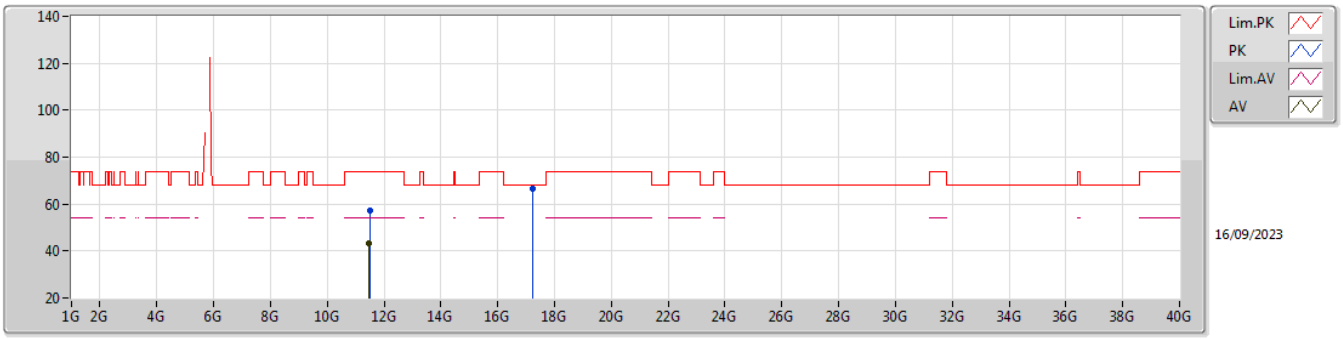


EUT Y_4TX
Setting 29
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49213G	57.83	74.00	-16.17	42.65	3	Vertical	15	1.45	-	38.80	8.90	32.52
AV	11.49216G	43.02	54.00	-10.98	27.84	3	Vertical	15	1.45	-	38.80	8.90	32.52
PK	17.23752G	66.33	68.20	-1.87	44.37	3	Vertical	111	1.83	-	42.05	11.20	31.29

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

5745MHz_TX

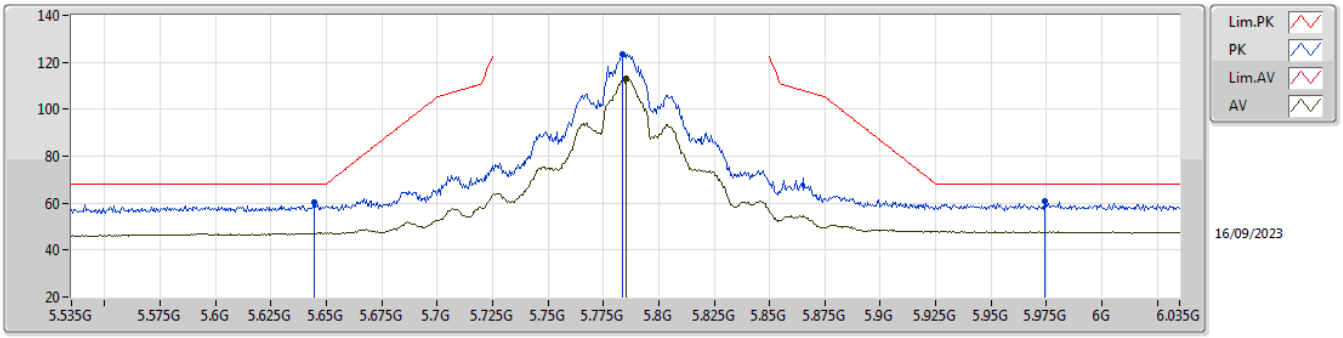


EUT Y_4TX
Setting 29
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50089G	57.16	74.00	-16.84	41.98	3	Horizontal	296	1.70	-	38.80	8.90	32.52
AV	11.48415G	43.49	54.00	-10.51	28.32	3	Horizontal	296	1.70	-	38.80	8.89	32.52
PK	17.23128G	66.71	68.20	-1.49	44.79	3	Horizontal	204	1.80	-	42.03	11.19	31.30

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

5785MHz_TX

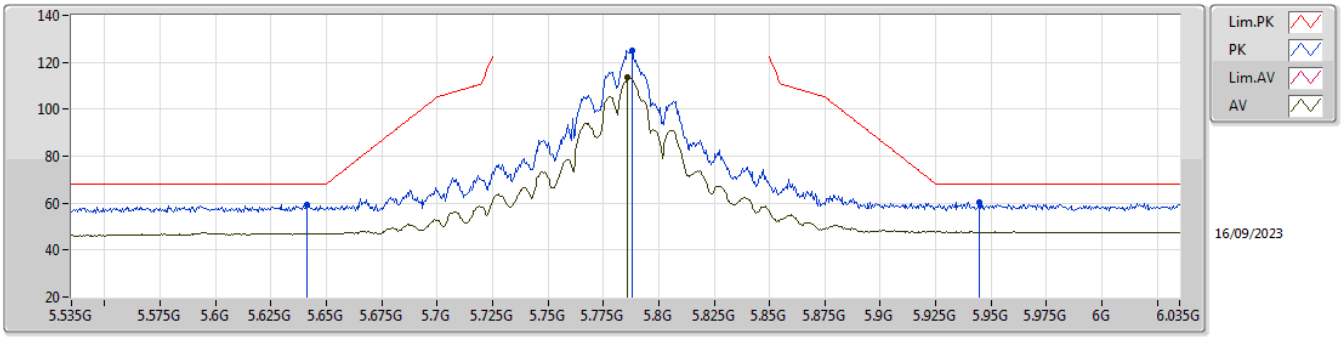


EUT Y_4TX
Setting 29
01-D-E-2-10

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	5.6445G	60.35	68.20	-7.85	52.71	3	Vertical	218	1.80	-	34.30	6.22	32.88
PK	5.7835G	123.56	Inf	-Inf	115.63	3	Vertical	218	1.80	-	34.57	6.29	32.93
AV	5.7855G	113.13	Inf	-Inf	105.20	3	Vertical	218	1.80	-	34.57	6.29	32.93
PK	5.974G	60.68	68.20	-7.52	51.78	3	Vertical	218	1.80	-	35.50	6.39	32.99

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

5785MHz_TX

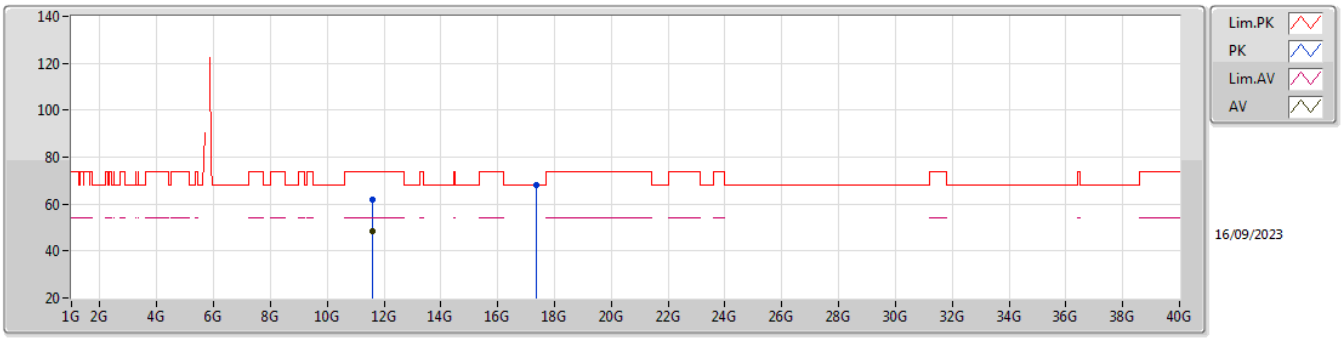


EUT Y_4TX
Setting 29
01-D-E-2-10

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	5.641G	59.20	68.20	-9.00	51.56	3	Horizontal	7	1.41	-	34.30	6.22	32.88
PK	5.788G	125.00	Inf	-Inf	117.06	3	Horizontal	7	1.41	-	34.58	6.29	32.93
AV	5.786G	113.87	Inf	-Inf	105.94	3	Horizontal	7	1.41	-	34.57	6.29	32.93
PK	5.9445G	60.13	68.20	-8.07	51.26	3	Horizontal	7	1.41	-	35.48	6.37	32.98

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

5785MHz_TX

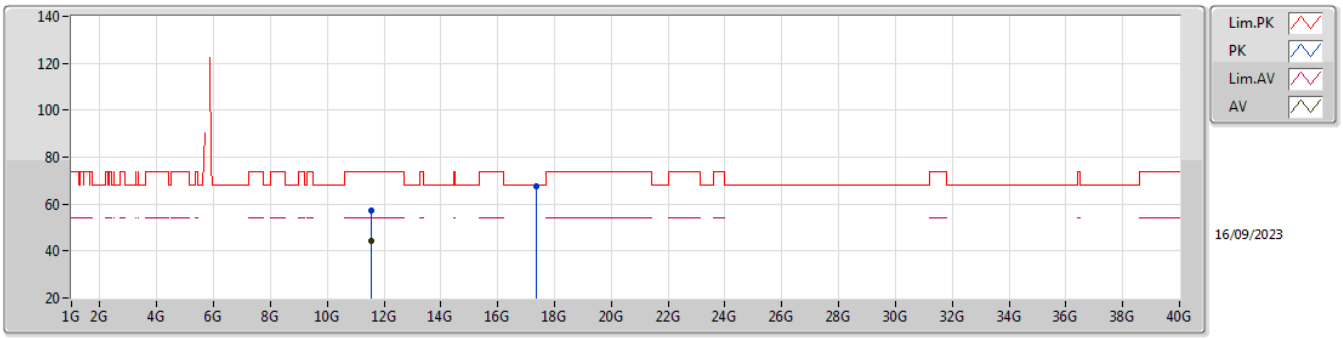


EUT Y_4TX
Setting 29
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5733G	61.93	74.00	-12.07	46.71	3	Vertical	82	1.51	-	38.80	8.93	32.51
AV	11.57243G	48.30	54.00	-5.70	33.08	3	Vertical	82	1.51	-	38.80	8.93	32.51
PK	17.35647G	68.00	68.20	-0.20	45.51	3	Vertical	2	1.80	-	42.47	11.24	31.22

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

5785MHz_TX

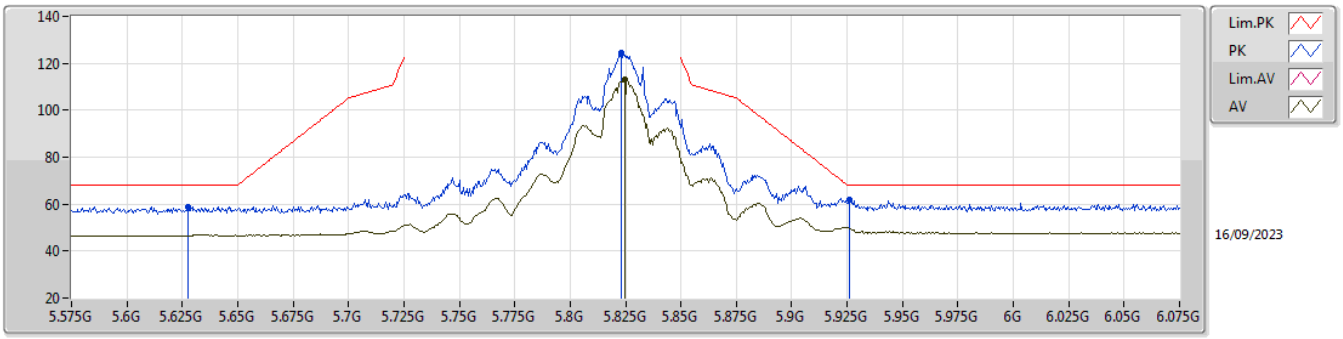


EUT Y_4TX
Setting 29
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57084G	57.07	74.00	-16.93	41.85	3	Horizontal	118	1.85	-	38.80	8.93	32.51
AV	11.57024G	44.46	54.00	-9.54	29.24	3	Horizontal	118	1.85	-	38.80	8.93	32.51
PK	17.34852G	67.76	68.20	-0.44	45.30	3	Horizontal	139	1.52	-	42.45	11.24	31.23

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

5825MHz_TX

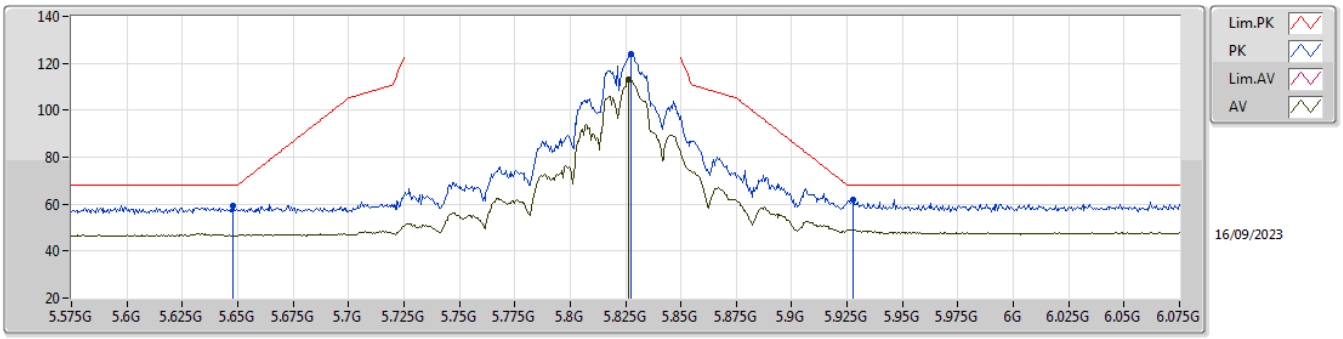


EUT Y_4TX
Setting 29
01-D-E-2-10

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	5.6275G	59.04	68.20	-9.16	51.40	3	Vertical	218	1.80	-	34.30	6.21	32.87
PK	5.823G	124.26	Inf	-Inf	116.15	3	Vertical	218	1.80	-	34.74	6.31	32.94
AV	5.8245G	113.14	Inf	-Inf	105.02	3	Vertical	218	1.80	-	34.75	6.31	32.94
PK	5.926G	61.82	68.20	-6.38	53.03	3	Vertical	218	1.80	-	35.40	6.36	32.97

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

5825MHz_TX

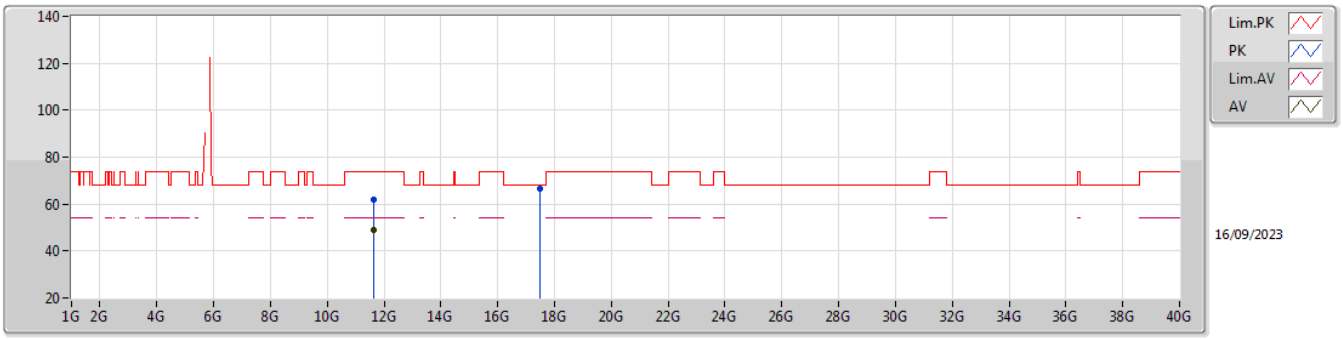


EUT Y_4TX
Setting 29
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	59.25	68.20	-8.95	51.61	3	Horizontal	7	1.39	-	34.30	6.22	32.88
PK	5.8275G	123.98	Inf	-Inf	115.84	3	Horizontal	7	1.39	-	34.77	6.31	32.94
AV	5.8265G	113.04	Inf	-Inf	104.91	3	Horizontal	7	1.39	-	34.76	6.31	32.94
PK	5.9275G	61.94	68.20	-6.26	53.15	3	Horizontal	7	1.39	-	35.41	6.36	32.98

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

5825MHz_TX

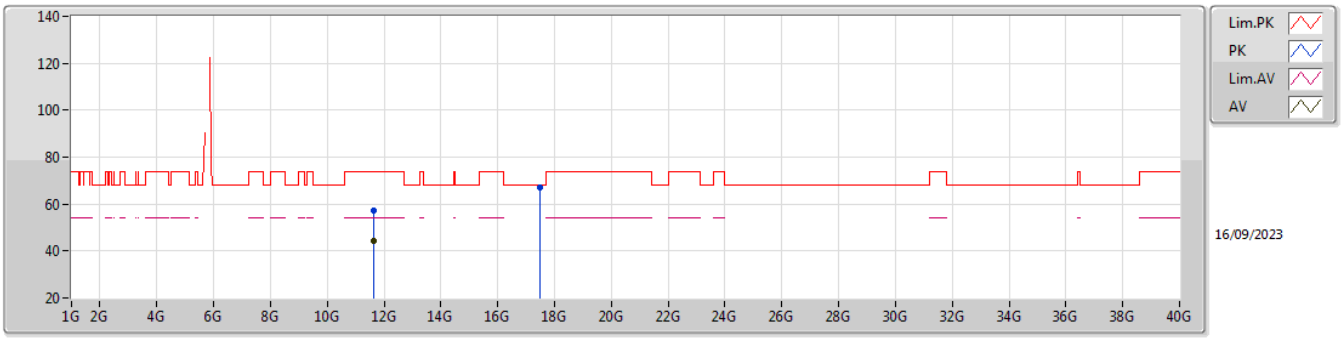


EUT Y_4TX
Setting 29
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65372G	62.05	74.00	-11.95	46.74	3	Vertical	360	1.80	-	38.85	8.96	32.50
AV	11.65387G	49.16	54.00	-4.84	33.85	3	Vertical	360	1.80	-	38.85	8.96	32.50
PK	17.48085G	66.56	68.20	-1.64	43.90	3	Vertical	0	1.80	-	42.52	11.29	31.15

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

5825MHz_TX

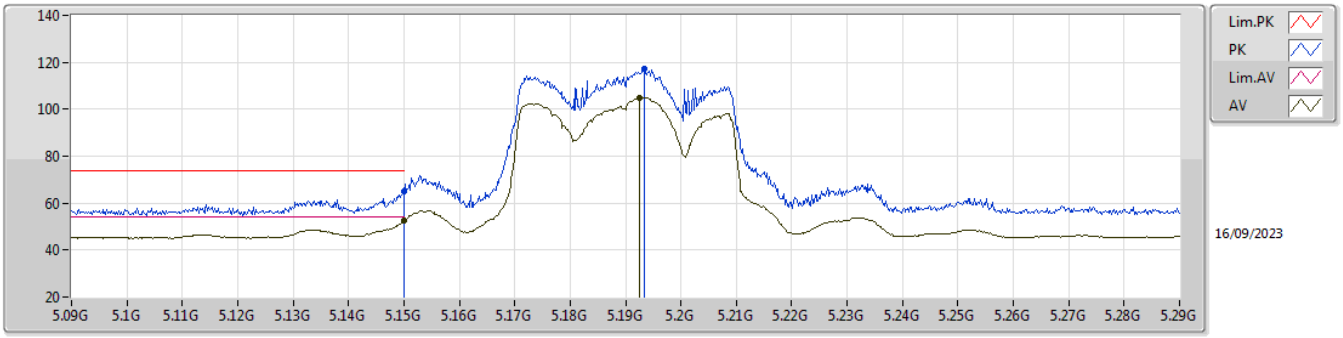


EUT Y_4TX
Setting 29
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64268G	57.09	74.00	-16.91	41.79	3	Horizontal	84	1.44	-	38.84	8.96	32.50
AV	11.6428G	44.10	54.00	-9.90	28.80	3	Horizontal	84	1.44	-	38.84	8.96	32.50
PK	17.48517G	66.90	68.20	-1.30	44.25	3	Horizontal	360	1.80	-	42.51	11.29	31.15

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

5190MHz_TX

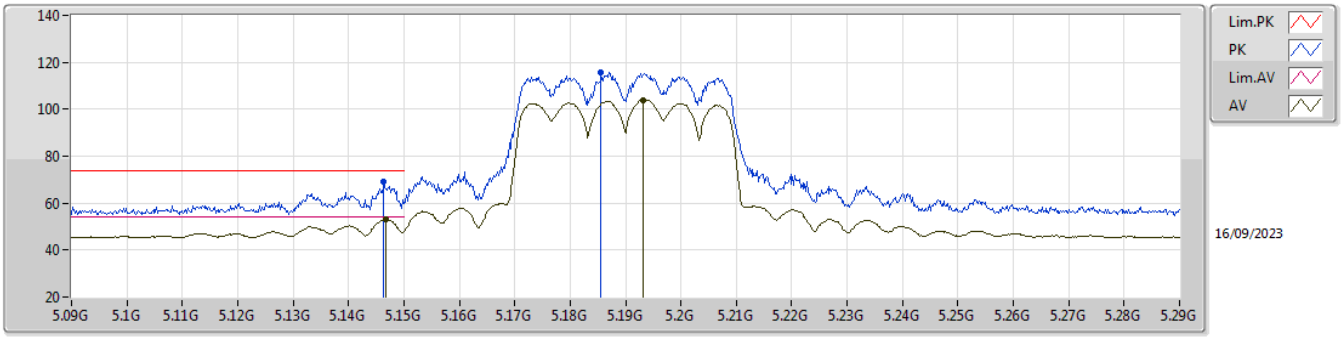


EUT Y_4TX
Setting 20.5
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	65.12	74.00	-8.88	58.95	3	Vertical	82	1.80	-	33.10	5.97	32.90
AV	5.15G	52.71	54.00	-1.29	46.54	3	Vertical	82	1.80	-	33.10	5.97	32.90
PK	5.1934G	117.11	Inf	-Inf	110.81	3	Vertical	82	1.80	-	33.19	6.00	32.89
AV	5.1926G	104.92	Inf	-Inf	98.62	3	Vertical	82	1.80	-	33.19	6.00	32.89

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

5190MHz_TX

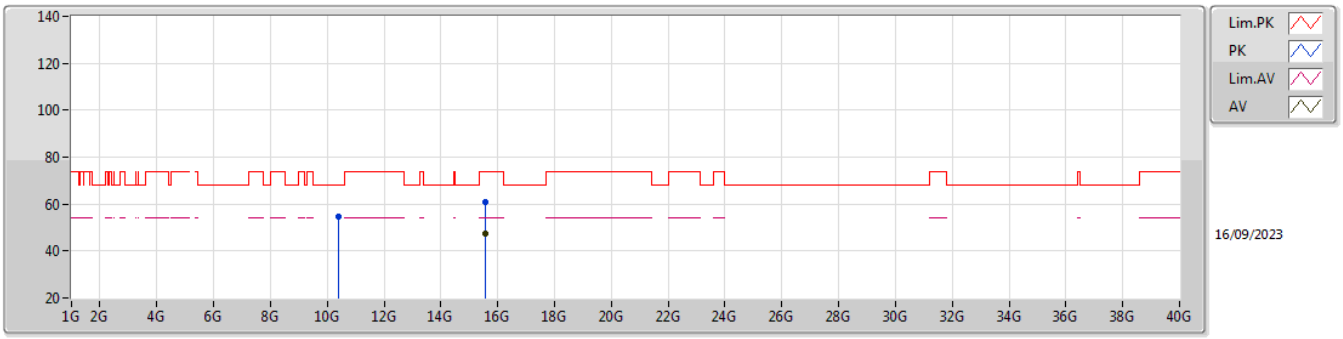


EUT Y_4TX
Setting 20.5
01-D-E-2-10

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	69.29	74.00	-4.71	63.12	3	Horizontal	170	1.80	-	33.10	5.97	32.90
AV	5.1468G	52.87	54.00	-1.13	46.70	3	Horizontal	170	1.80	-	33.10	5.97	32.90
PK	5.1856G	115.57	Inf	-Inf	109.30	3	Horizontal	170	1.80	-	33.17	5.99	32.89
AV	5.1932G	104.02	Inf	-Inf	97.72	3	Horizontal	170	1.80	-	33.19	6.00	32.89

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

5190MHz_TX

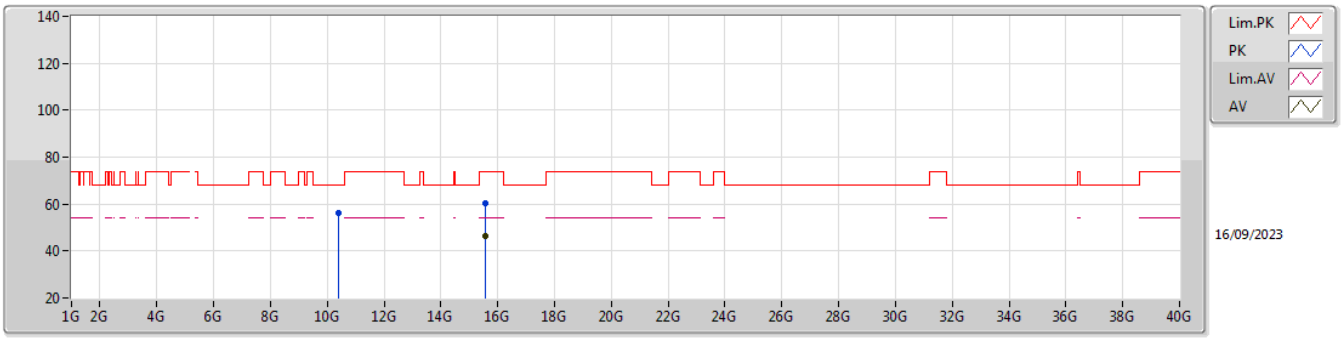


EUT Y_4TX
Setting 20.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38156G	54.74	68.20	-13.46	40.21	3	Vertical	133	1.87	-	38.76	8.45	32.68
PK	15.56709G	61.09	74.00	-12.91	44.19	3	Vertical	88	2.10	-	38.47	10.53	32.10
AV	15.5673G	47.64	54.00	-6.36	30.74	3	Vertical	88	2.10	-	38.47	10.53	32.10

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

5190MHz_TX

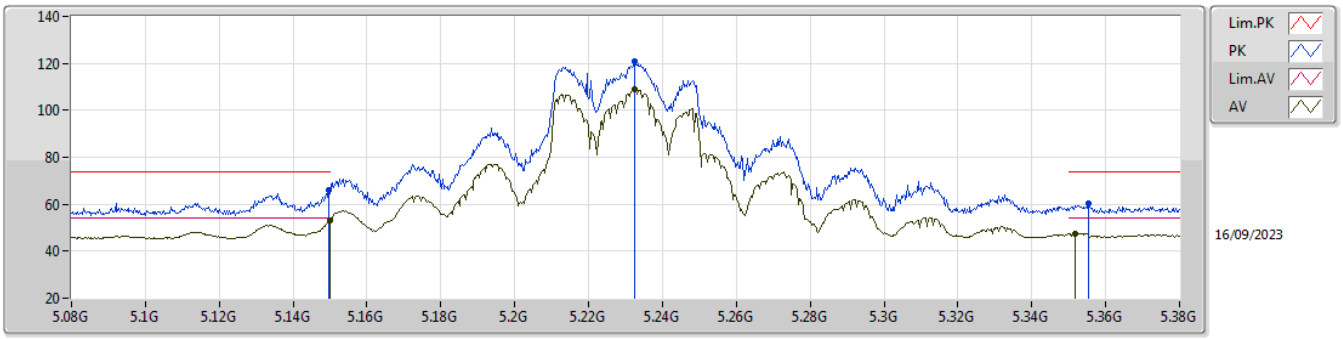


EUT Y_4TX
Setting 20.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38429G	56.29	68.20	-11.91	41.75	3	Horizontal	27	1.41	-	38.77	8.45	32.68
PK	15.57282G	60.28	74.00	-13.72	43.41	3	Horizontal	8	1.80	-	38.45	10.53	32.11
AV	15.5736G	46.23	54.00	-7.77	29.36	3	Horizontal	8	1.80	-	38.45	10.53	32.11

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

5230MHz_TX

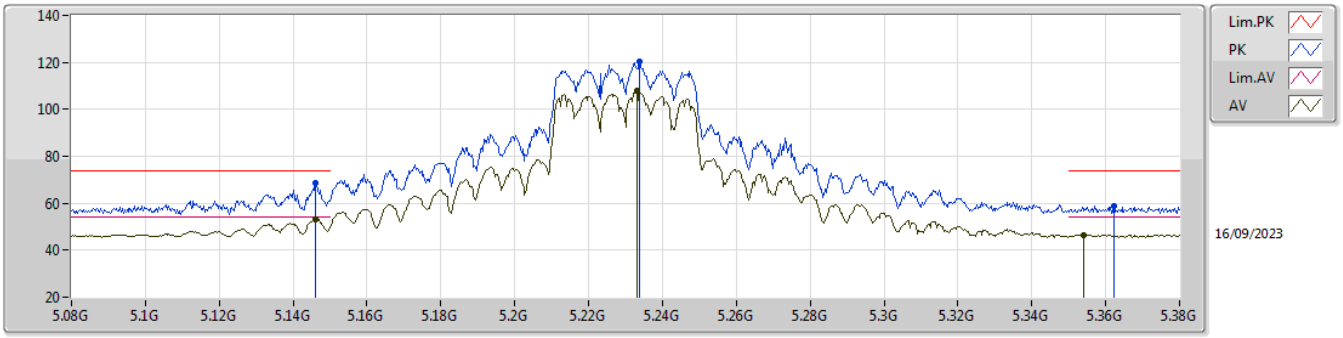


EUT Y_4TX
Setting 25
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	66.10	74.00	-7.90	59.93	3	Vertical	80	1.80	-	33.10	5.97	32.90
AV	5.1499G	53.32	54.00	-0.68	47.15	3	Vertical	80	1.80	-	33.10	5.97	32.90
PK	5.2324G	121.08	Inf	-Inf	114.68	3	Vertical	80	1.80	-	33.26	6.02	32.88
AV	5.2324G	108.72	Inf	-Inf	102.32	3	Vertical	80	1.80	-	33.26	6.02	32.88
PK	5.3554G	60.11	74.00	-13.89	53.37	3	Vertical	80	1.80	-	33.52	6.08	32.86
AV	5.3518G	47.62	54.00	-6.38	40.89	3	Vertical	80	1.80	-	33.51	6.08	32.86

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

5230MHz_TX

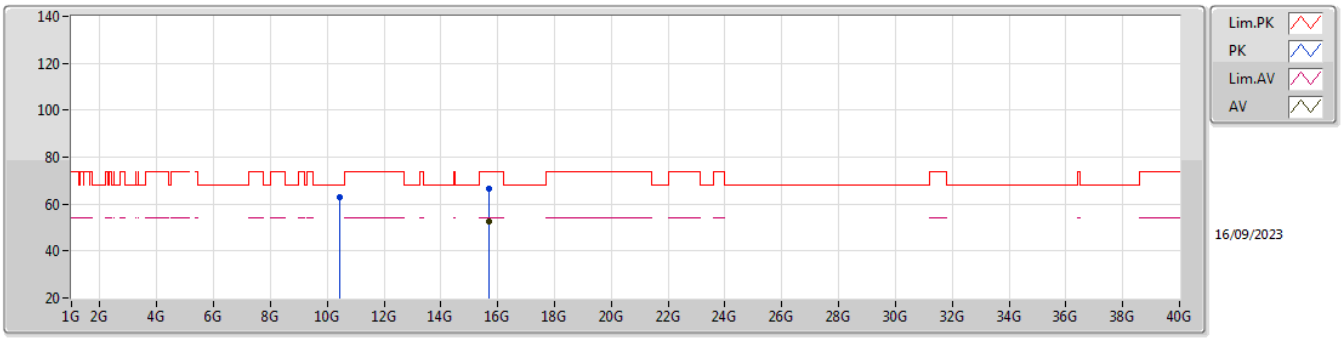


EUT Y_4TX
Setting 25
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	68.42	74.00	-5.58	62.25	3	Horizontal	167	1.80	-	33.10	5.97	32.90
AV	5.146G	53.36	54.00	-0.64	47.19	3	Horizontal	167	1.80	-	33.10	5.97	32.90
PK	5.2339G	120.13	Inf	-Inf	113.72	3	Horizontal	167	1.80	-	33.27	6.02	32.88
AV	5.233G	107.72	Inf	-Inf	101.31	3	Horizontal	167	1.80	-	33.27	6.02	32.88
PK	5.3623G	58.90	74.00	-15.10	52.13	3	Horizontal	167	1.80	-	33.55	6.08	32.86
AV	5.3539G	46.62	54.00	-7.38	39.88	3	Horizontal	167	1.80	-	33.52	6.08	32.86

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

5230MHz_TX

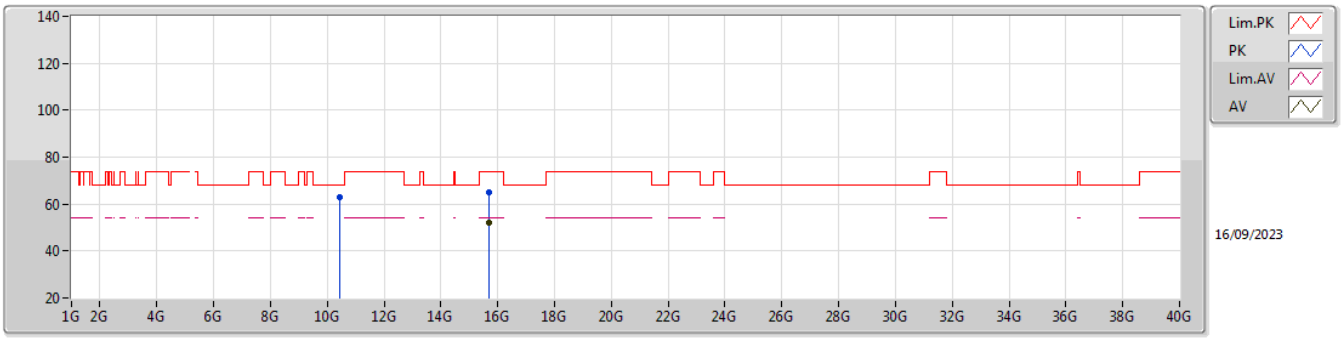


EUT Y_4TX
Setting 25
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45925G	62.73	68.20	-5.47	48.04	3	Vertical	278	1.80	-	38.80	8.48	32.59
PK	15.68739G	66.46	74.00	-7.54	49.76	3	Vertical	88	2.03	-	38.31	10.57	32.18
AV	15.68658G	52.53	54.00	-1.47	35.83	3	Vertical	88	2.03	-	38.31	10.57	32.18

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

5230MHz_TX

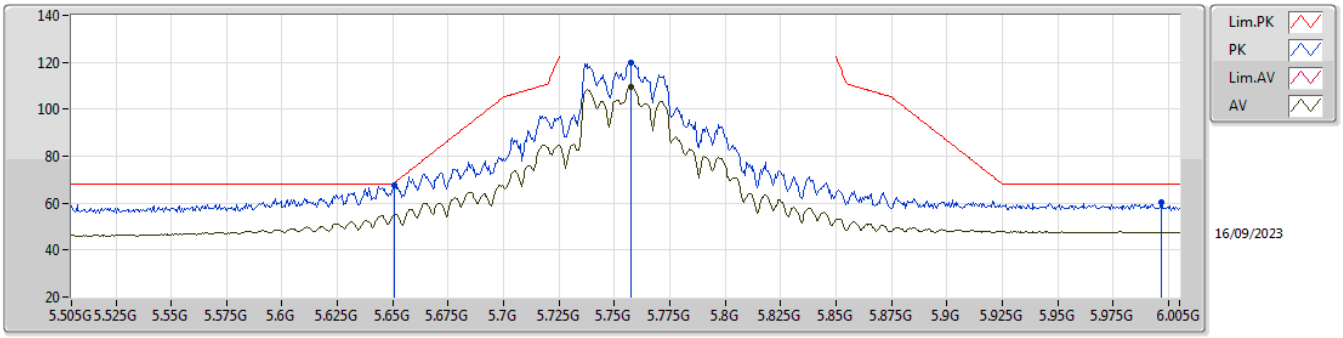


EUT Y_4TX
Setting 25
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4588G	62.78	68.20	-5.42	48.09	3	Horizontal	262	1.69	-	38.80	8.48	32.59
PK	15.69321G	65.17	74.00	-8.83	48.46	3	Horizontal	9	2.54	-	38.31	10.58	32.18
AV	15.69435G	52.04	54.00	-1.96	35.33	3	Horizontal	9	2.54	-	38.31	10.58	32.18

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

5755MHz_TX

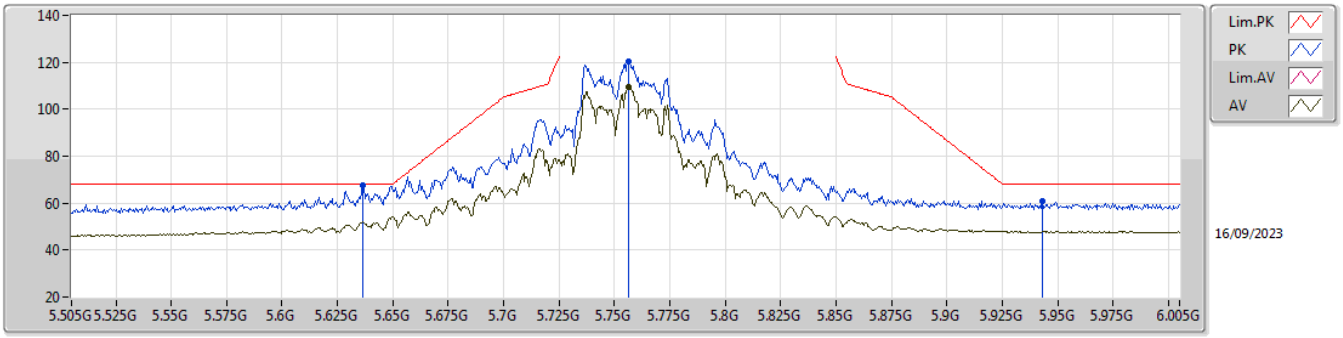


EUT Y_4TX
Setting 24.5
01-D-E-2-10

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	5.6505G	67.68	68.57	-0.89	60.03	3	Vertical	75	1.80	-	34.30	6.23	32.88
PK	5.7575G	119.97	Inf	-Inf	112.09	3	Vertical	75	1.80	-	34.52	6.28	32.92
AV	5.7575G	109.23	Inf	-Inf	101.35	3	Vertical	75	1.80	-	34.52	6.28	32.92
PK	5.997G	60.38	68.20	-7.82	51.48	3	Vertical	75	1.80	-	35.50	6.40	33.00

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

5755MHz_TX

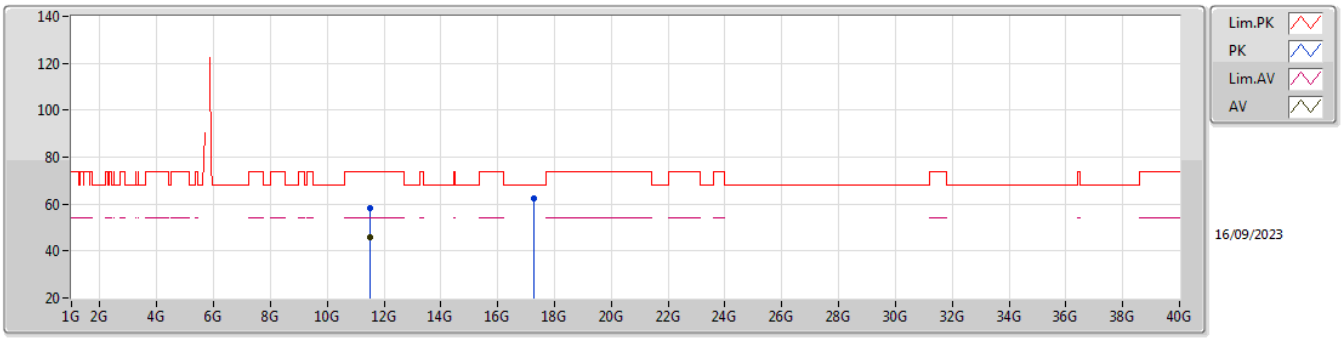


EUT Y_4TX
Setting 24.5
01-D-E-2-10

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	5.6365G	67.47	68.20	-0.73	59.83	3	Horizontal	5	1.37	-	34.30	6.22	32.88
PK	5.7565G	120.17	Inf	-Inf	112.30	3	Horizontal	5	1.37	-	34.51	6.28	32.92
AV	5.7565G	109.64	Inf	-Inf	101.77	3	Horizontal	5	1.37	-	34.51	6.28	32.92
PK	5.943G	60.73	68.20	-7.47	51.87	3	Horizontal	5	1.37	-	35.47	6.37	32.98

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

5755MHz_TX

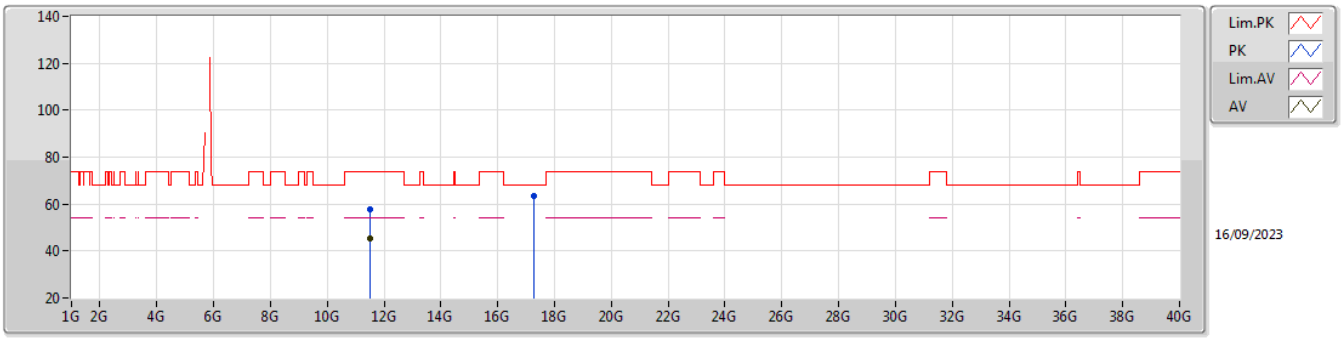


EUT Y_4TX
Setting 24.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50229G	58.26	74.00	-15.74	43.08	3	Vertical	9	1.80	-	38.80	8.90	32.52
AV	11.50292G	45.74	54.00	-8.26	30.56	3	Vertical	9	1.80	-	38.80	8.90	32.52
PK	17.26341G	62.51	68.20	-5.69	40.43	3	Vertical	160	1.80	-	42.15	11.21	31.28

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

5755MHz_TX

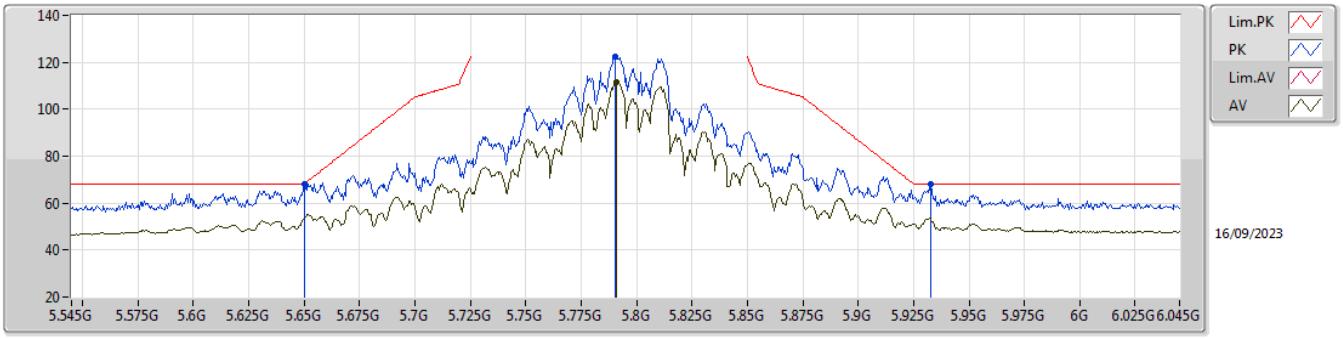


EUT Y_4TX
Setting 24.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50283G	57.89	74.00	-16.11	42.71	3	Horizontal	217	1.57	-	38.80	8.90	32.52
AV	11.50253G	45.58	54.00	-8.42	30.40	3	Horizontal	217	1.57	-	38.80	8.90	32.52
PK	17.2743G	63.53	68.20	-4.67	41.39	3	Horizontal	360	1.80	-	42.20	11.21	31.27

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

5795MHz_TX

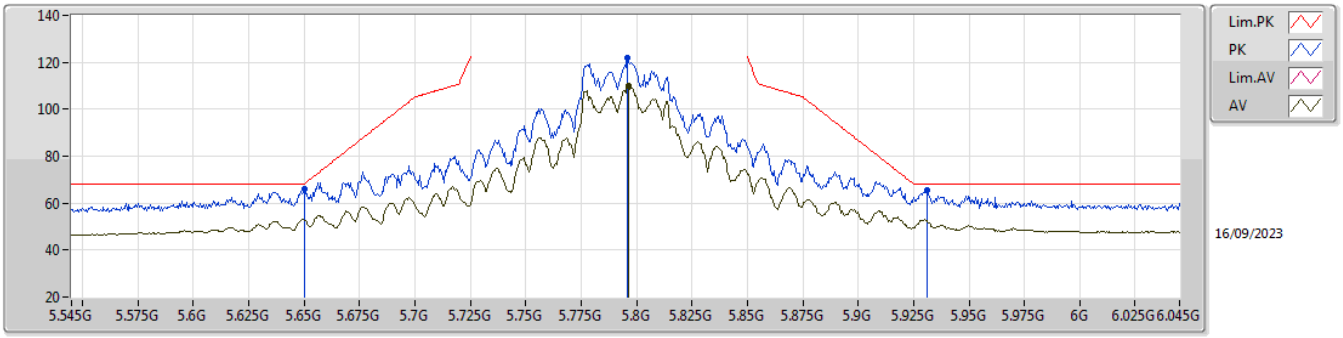


EUT Y_4TX
Setting 26.5
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	68.06	68.20	-0.14	60.42	3	Vertical	28	3.00	-	34.30	6.22	32.88
PK	5.7905G	122.62	Inf	-Inf	114.67	3	Vertical	28	3.00	-	34.58	6.30	32.93
AV	5.791G	111.70	Inf	-Inf	103.75	3	Vertical	28	3.00	-	34.58	6.30	32.93
PK	5.933G	68.11	68.20	-0.09	59.29	3	Vertical	28	3.00	-	35.43	6.37	32.98

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

5795MHz_TX

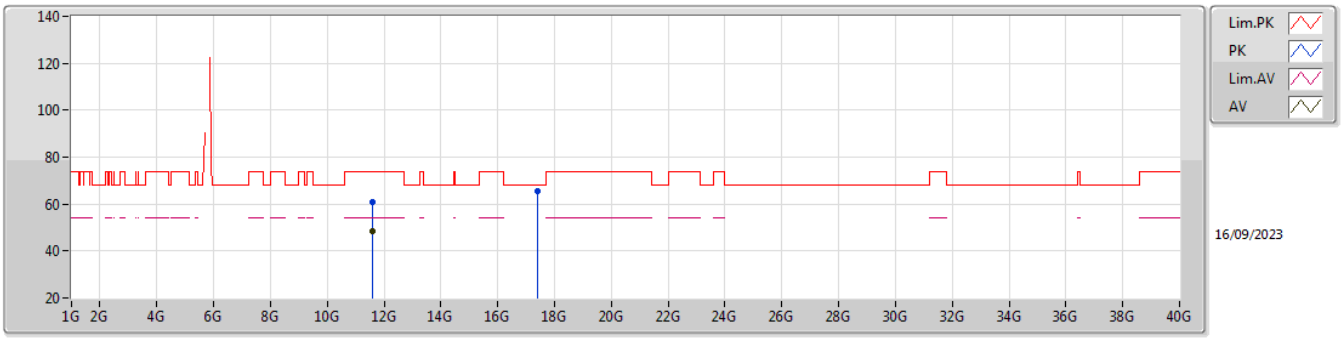


EUT Y_4TX
Setting 26.5
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	66.09	68.20	-2.11	58.45	3	Horizontal	9	1.34	-	34.30	6.22	32.88
PK	5.796G	121.80	Inf	-Inf	113.84	3	Horizontal	9	1.34	-	34.59	6.30	32.93
AV	5.7965G	110.14	Inf	-Inf	102.18	3	Horizontal	9	1.34	-	34.59	6.30	32.93
PK	5.931G	65.36	68.20	-2.84	56.55	3	Horizontal	9	1.34	-	35.42	6.37	32.98

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

5795MHz_TX

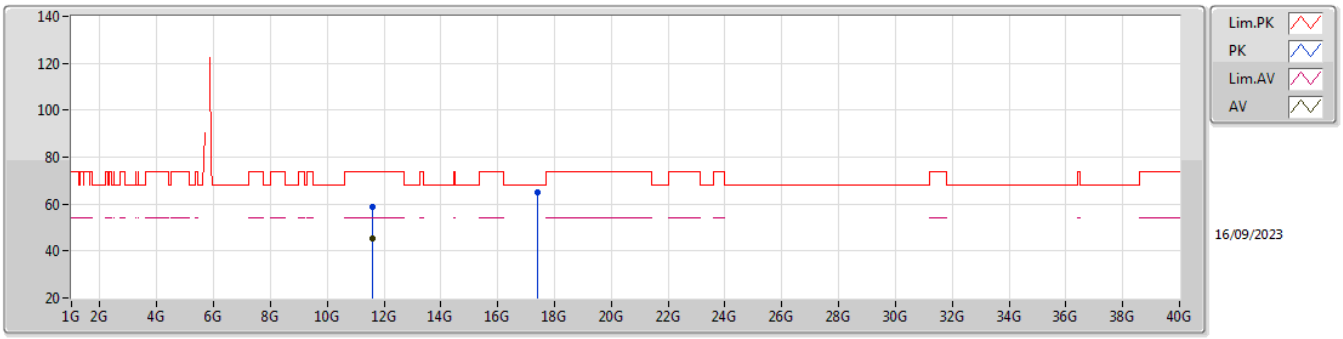


EUT Y_4TX
Setting 26.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58304G	60.67	74.00	-13.33	45.45	3	Vertical	10	1.80	-	38.80	8.93	32.51
AV	11.58331G	48.23	54.00	-5.77	33.01	3	Vertical	10	1.80	-	38.80	8.93	32.51
PK	17.38782G	65.35	68.20	-2.85	42.74	3	Vertical	0	1.80	-	42.56	11.26	31.21

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

5795MHz_TX

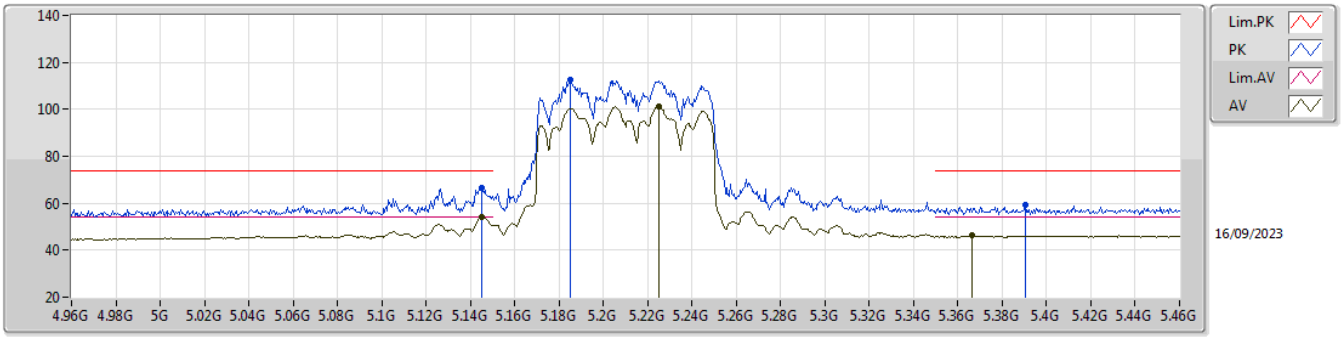


EUT Y_4TX
Setting 26.5
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58454G	58.71	74.00	-15.29	43.49	3	Horizontal	125	1.80	-	38.80	8.93	32.51
AV	11.58439G	45.47	54.00	-8.53	30.25	3	Horizontal	125	1.80	-	38.80	8.93	32.51
PK	17.39616G	65.16	68.20	-3.04	42.51	3	Horizontal	204	1.49	-	42.59	11.26	31.20

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

5210MHz_TX

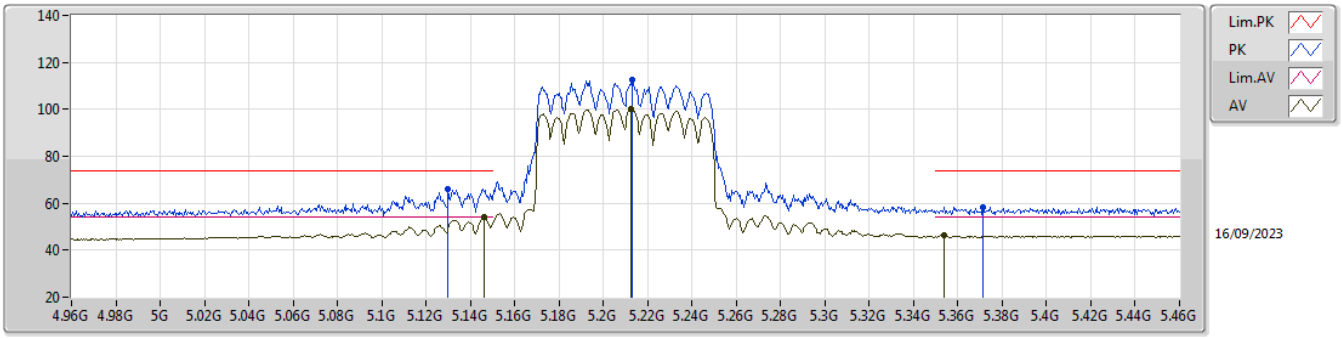


EUT Y_4TX
Setting 20
01-D-E-2-10

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	5.145G	66.64	74.00	-7.36	60.47	3	Vertical	33	1.80	-	33.10	5.97	32.90
AV	5.145G	53.99	54.00	-0.01	47.82	3	Vertical	33	1.80	-	33.10	5.97	32.90
PK	5.185G	112.62	Inf	-Inf	106.35	3	Vertical	33	1.80	-	33.17	5.99	32.89
AV	5.225G	101.30	Inf	-Inf	94.92	3	Vertical	33	1.80	-	33.25	6.01	32.88
PK	5.3905G	59.19	74.00	-14.81	52.28	3	Vertical	33	1.80	-	33.66	6.10	32.85
AV	5.3665G	46.26	54.00	-7.74	39.47	3	Vertical	33	1.80	-	33.57	6.08	32.86

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

5210MHz_TX

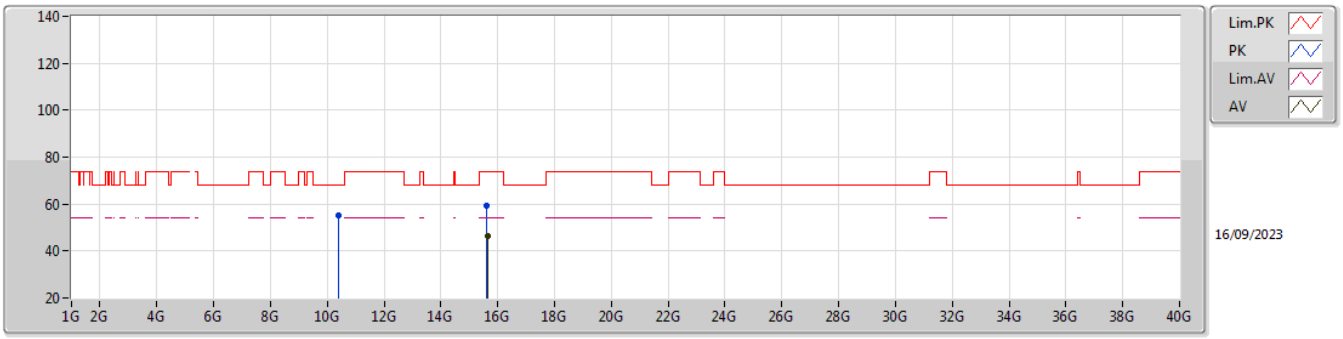


EUT Y_4TX
Setting 20
01-D-E-2-10

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	5.13G	65.96	74.00	-8.04	59.80	3	Horizontal	164	1.80	-	33.10	5.96	32.90
AV	5.146G	53.89	54.00	-0.11	47.72	3	Horizontal	164	1.80	-	33.10	5.97	32.90
PK	5.213G	112.48	Inf	-Inf	106.13	3	Horizontal	164	1.80	-	33.23	6.01	32.89
AV	5.2125G	100.06	Inf	-Inf	93.71	3	Horizontal	164	1.80	-	33.23	6.01	32.89
PK	5.3715G	58.42	74.00	-15.58	51.60	3	Horizontal	164	1.80	-	33.59	6.09	32.86
AV	5.3535G	46.29	54.00	-7.71	39.56	3	Horizontal	164	1.80	-	33.51	6.08	32.86

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

5210MHz_TX

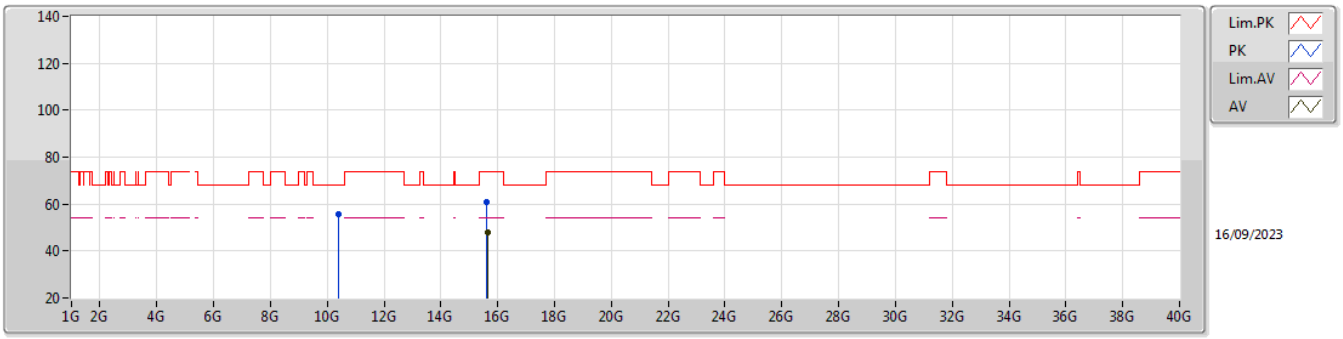


EUT Y_4TX
Setting 20
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40689G	55.11	68.20	-13.09	40.50	3	Vertical	285	1.80	-	38.80	8.46	32.65
PK	15.61851G	59.44	74.00	-14.56	42.65	3	Vertical	70	1.80	-	38.38	10.55	32.14
AV	15.63783G	46.22	54.00	-7.78	29.45	3	Vertical	70	1.80	-	38.36	10.56	32.15

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

5210MHz_TX

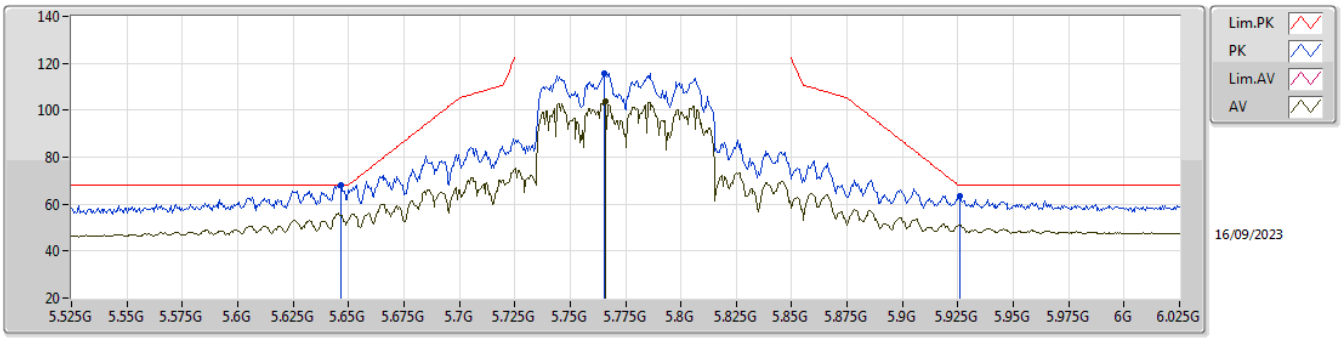


EUT Y_4TX
Setting 20
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41769G	55.46	68.20	-12.74	40.83	3	Horizontal	272	1.80	-	38.80	8.47	32.64
PK	15.61524G	60.81	74.00	-13.19	44.01	3	Horizontal	8	2.54	-	38.38	10.55	32.13
AV	15.63507G	47.72	54.00	-6.28	30.96	3	Horizontal	8	2.54	-	38.36	10.55	32.15

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

5775MHz_TX

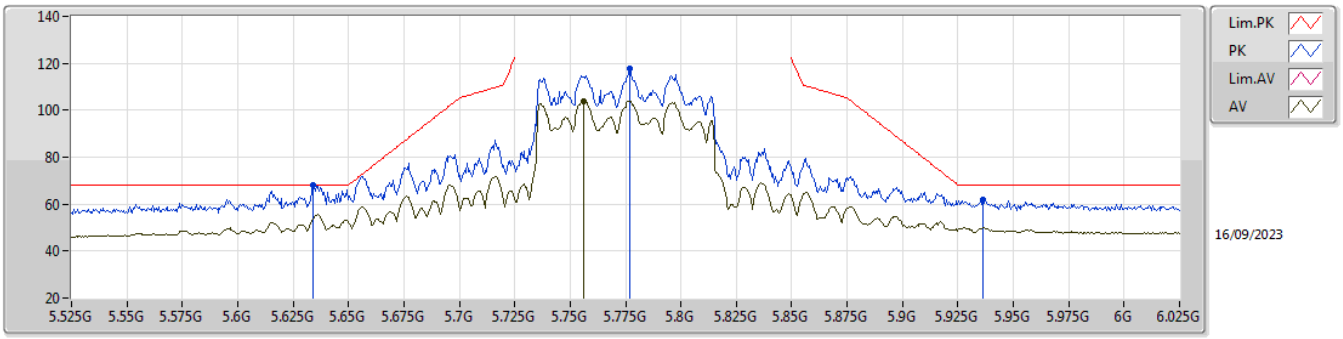


EUT Y_4TX
Setting 22
01-D-E-2-10

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	5.6465G	68.13	68.20	-0.07	60.49	3	Vertical	65	1.80	-	34.30	6.22	32.88
PK	5.7655G	115.84	Inf	-Inf	107.95	3	Vertical	65	1.80	-	34.53	6.28	32.92
AV	5.766G	104.02	Inf	-Inf	96.13	3	Vertical	65	1.80	-	34.53	6.28	32.92
PK	5.926G	63.59	68.20	-4.61	54.80	3	Vertical	65	1.80	-	35.40	6.36	32.97

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

5775MHz_TX

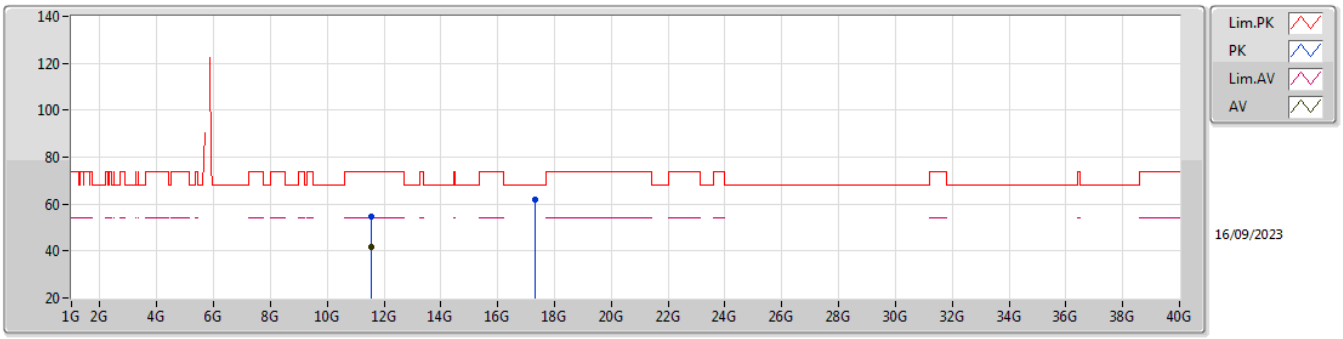


EUT Y_4TX
Setting 22
01-D-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.634G	68.07	68.20	-0.13	60.43	3	Horizontal	7	1.39	-	34.30	6.22	32.88
PK	5.777G	117.77	Inf	-Inf	109.85	3	Horizontal	7	1.39	-	34.55	6.29	32.92
AV	5.756G	104.02	Inf	-Inf	96.15	3	Horizontal	7	1.39	-	34.51	6.28	32.92
PK	5.9365G	61.77	68.20	-6.43	52.93	3	Horizontal	7	1.39	-	35.45	6.37	32.98

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

5775MHz_TX

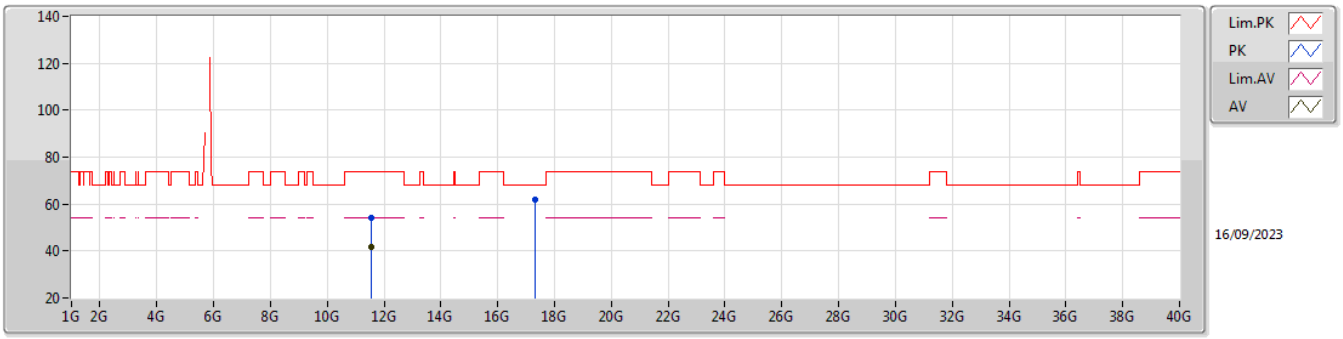


EUT Y_4TX
Setting 22
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55441G	54.51	74.00	-19.49	39.30	3	Vertical	0	1.80	-	38.80	8.92	32.51
AV	11.55324G	41.82	54.00	-12.18	26.61	3	Vertical	0	1.80	-	38.80	8.92	32.51
PK	17.32911G	61.82	68.20	-6.38	39.44	3	Vertical	0	1.80	-	42.39	11.23	31.24

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

5775MHz_TX



EUT Y_4TX
Setting 22
01-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55135G	54.10	74.00	-19.90	38.89	3	Horizontal	249	2.59	-	38.80	8.92	32.51
AV	11.55024G	41.78	54.00	-12.22	26.57	3	Horizontal	249	2.59	-	38.80	8.92	32.51
PK	17.33661G	61.66	68.20	-6.54	39.25	3	Horizontal	325	1.80	-	42.41	11.23	31.23