Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	RSL-TQ7403
Equipment	:	IEEE802.11ax tri-radio 2.4G/5G/6GHz 2x2+2x2+2x2+ Bluetooth® Low Energy and ZigBee wireless AP
Brand Name	:	Allied Telesis
Model Name	:	AT-TQ7403
Applicant	:	Allied Telesis K.K. 2nd. TOC Bldg.7-21-11 Nishi-Gotanda, Shinagawa-ku Tokyo 141-0031 Japan
Manufacturer	:	Allied Telesis K.K. 2nd. TOC Bldg.7-21-11 Nishi-Gotanda, Shinagawa-ku Tokyo 141-0031 Japan
Standard	:	47 CFR FCC Part 15.407

The product was received on May 31, 2023, and testing was started from Jul. 25, 2023 and completed on Sep. 04, 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
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History of this test report

Report No.	Version	Description	Issued Date
FR372105AB	01	Initial issue of report	Oct. 12, 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:

1. 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.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen
Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

For Radio 2

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

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

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

1.1.2 Antenna Information

Set	Ant.	2.4GHz Port	5GHz Port	Brand	Model Name	Antenna Type	Connector	Remark	Gain (dBi)
1	1	2	2	WNC	08.22430.001	Dipole	RP-SMA PLUG	External	Note 1
	2	1	1	WNC	08.22430.001	Dipole	RP-SMA PLUG	External	
2	1	2	2	Angeei	EXD24140D01	Patch	N-Type	External	
	2	1	1	Angeei	EXD24140D01	Patch	N-Type	External	

Ant.	6GHz Port	Bluetooth / Zigbee	Brand	Model Name	Antenna Type	Connector	Remark	Gain (dBi)
3	2	1	WNC	95XEAK15.GAU	PIFA	I-PEX	Internal	Note 1
4	1	-	WNC	95XEAK15.GAT	PIFA	I-PEX	Internal	

Note1:

Antenna set 1:

Set	Ant.	2.4GHz Port	5GHz Port	Radio 1 (2.4GHz) and Radio 2 (5GHz)				
				Antenna Gain (dBi)				
				WLAN 2.4GHz	WLAN 5GHz			
					UNII 1	UNII 2A	UNII 2C	UNII 3
1	1	2	2	2.83	2.20	3.16	2.80	3.72
	2	1	1	2.51	2.88	3.85	3.56	3.85

Antenna set 2 with 2M antenna cable:

Set	Ant.	2.4GHz Port	Radio 1 (2.4GHz)				
			Antenna Gain (dBi)	Cable Loss of 2M N-type (dB)	Loss of SMA Connector (dB)	Cable loss of Internal EUT (dB)	Net Gain (dBi)
2	1	2	13	0.75	0.07	0.95	11.23
	2	1	13	0.75	0.07	0.68	11.50

Set	Ant.	5GHz Port	Radio 2 (5GHz)									
			Antenna Gain (dBi)	Cable Loss of 2M N-type (dB)	Loss of SMA Connector (dB)	Cable loss of Internal EUT (dB)				Net Gain (dBi)			
						UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1	UNII 2A	UNII 2C	UNII 3
2	1	2	16	1.23	0.12	1.48	1.49	1.56	1.58	13.17	13.16	13.09	13.07
	2	1	16	1.23	0.12	1.10	1.17	1.34	1.23	13.55	13.48	13.31	13.42

Antenna set 2 with 2M and 10M antenna cable:

Set	Ant.	2.4GHz Port	Radio 1 (2.4GHz)					
			Antenna Gain (dBi)	Cable Loss of 2M N-type (dB)	Cable Loss of 10M N-type (dB)	Loss of SMA Connector (dB)	Cable loss of Internal EUT (dB)	Net Gain (dBi)
2	1	2	13	0.75	3.77	0.07	0.95	7.46
	2	1	13	0.75	3.77	0.07	0.68	7.73

Set	Ant.	5GHz Port	Radio 2 (5GHz)											
			Antenna Gain (dBi)	Cable Loss of 2M N-type (dB)	Cable Loss of 10M N-type (dB)	Loss of SMA Connector (dB)	Cable loss of Internal EUT (dB)				Net Gain (dBi)			
							UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1	UNII 2A	UNII 2C	UNII 3
2	1	2	16	1.23	6.16	0.12	1.48	1.49	1.56	1.58	7.01	7.00	6.93	6.91
	2	1	16	1.23	6.16	0.12	1.10	1.17	1.34	1.23	7.39	7.32	7.15	7.26

Antenna 3 and 4:

Ant.	6GHz Port	Bluetooth / Zigbee	Radio 3 (6GHz) and Radio 4 (Bluetooth / Zigbee)				
			Antenna Gain (dBi)				
			UNII 5	UNII 6	UNII 7	UNII 8	Bluetooth / Zigbee
3	2	1	5.93	5.98	5.98	5.58	2.62
4	1	-	5.93	5.99	5.99	5.98	-

Note2: The above information was declared by manufacturer.
Note3: For antenna set 2: The gain of antenna set 2 with 2M antenna cable was higher than antenna set 2 with 2M and 10M antenna cable, thus antenna set 2 with 2M antenna cable was selected to test.
Note4: The EUT has two antenna sets for radio 1 and radio 2.
Note5: The DFS band isn't enabled at this time.

Note6: Directional gain information

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

Ex.

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

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 ;

For Antenna set 1

2.4G G1= 2.83 dBi ; G2= 2.51 dBi ;DG= 5.68dBi

5G UNII-1 G1= 2.2 dBi ; G2= 2.88 dBi ;DG= 5.56dBi

5G UNII-2A G1= 3.16 dBi ; G2= 3.85 dBi ;DG= 6.52dBi

5G UNII-2C G1= 2.8 dBi ; G2= 3.56 dBi ;DG= 6.2dBi

5G UNII-3 G1= 3.72 dBi ; G2= 3.85 dBi ;DG= 6.8dBi

For Antenna set 2 (Cross-Polarized Antenna)

2.4G G1= 11.23 dBi ; G2= 11.5 dBi ;DG= 11.5dBi

5G UNII-1 G1= 13.17 dBi ; G2= 13.55 dBi ;DG= 13.55dBi

5G UNII-2A G1= 13.16 dBi ; G2= 13.48 dBi ;DG= 13.48dBi

5G UNII-2C G1= 13.09 dBi ; G2= 13.31 dBi ;DG= 13.31dBi

5G UNII-3 G1= 13.07 dBi ; G2= 13.42 dBi ;DG= 13.42dBi

For Antenna 3 and Antenna 4

6G UNII-4 G1= 5.93 dBi ; G2= 5.93 dBi ;DG= 8.94dBi

6G UNII-5 G1= 5.98 dBi ; G2= 5.99 dBi ;DG= 9dBi

6G UNII-6 G1= 5.98 dBi ; G2= 5.99 dBi ;DG= 9dBi

6G UNII-7 G1= 5.58 dBi ; G2= 5.98 dBi ;DG= 8.79dBi

<For Radio 1 (2.4GHz Functions) and Radio 2 (5GHz Functions)>
For 2TX/2RX:
Port 1 and Port 2 can be use as transmitting/receiving antenna
Port 1 and Port 2 could receive simultaneously.
<For Radio 3 / 6GHz Functions>
For 2TX/2RX:
Port 1 and Port 2 can be use as transmitting/receiving antenna
Port 1 and Port 2 could receive simultaneously.
<For Radio 4 / Bluetooth / Zigbee Functions>
For 1TX/1RX:
Only Port 1 can be use as transmitting/receiving antenna.

1.1.3 Table for Antennae Set 2 Configuration

Set	Configuration	Ant. of EUT	Radio 1 (2.4GHz) and Radio 2 (5GHz)			
			Antenna port of antenna set 2			
2	1	1	1	-	-	-
		2	2	-	-	-
	2	1	-	4	-	-
		2	-	3	-	-
	3	1	-	-	3	-
		2	-	-	4	-
	4	1	-	-	-	2
		2	-	-	-	1

1.1.4 Mode Test Duty Cycle

For Test Mode 1 + antenna set 1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.939	0.27	1.977m	1k
802.11ax HEW20	0.817	0.88	5.446m	300
802.11ax HEW20-BF	1,(M0)	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.8	0.97	5.446m	300
802.11ax HEW40-BF	1,(M0)	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80	0.817	0.88	5.446m	300
802.11ax HEW80-BF	1,(M0)	0	n/a (DC>=0.98)	n/a (DC>=0.98)

For Test Mode 2 + antenna set 2 with 2M antenna cable

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.943	0.25	1.977m	1k
802.11ax HEW20	0.801	0.96	5.446m	300
802.11ax HEW20-BF	1,(M0)	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.799	0.97	5.446m	300
802.11ax HEW40-BF	1,(M0)	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80	0.798	0.98	5.446m	300
802.11ax HEW80-BF	1,(M0)	0	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.5 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/11ax in 2.4GHz, 11n/11ac/11ax in 5GHz and 11ax in 6GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QSPR Version 5.0-00199			

Note: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth / Zigbee
1	V	-	-	-
2	-	V	-	-
3	-	-	V	-
4	-	-	-	V

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	KJ Chang	23.6~24.7 / 62~69	Jul. 31, 2023~Aug. 23, 2023
Radiated below 1GHz	03CH05-CB	RJ Huang	21~22 / 55~58	Jul. 28, 2023~Aug. 04, 2023
Radiated above 1GHz	03CH02-CB	Alex Kuo	22~23.9 / 57~63	Jul. 25, 2023~Jul. 31, 2023
Radiated above 1GHz (For co-location test)	03CH04-CB	Alex Kuo	22.3~24 / 57~62	Sep. 04, 2023
AC Conduction	CO02-CB	Summer Li	24~25 / 49~50	Aug. 21, 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

For Radio 2
Test Mode 1 + antenna set 1

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	19.5
5200MHz	22
5240MHz	22
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	19.5
5200MHz	22
5240MHz	22.5
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	18.5
5230MHz	19.5
5755MHz	21.5
5795MHz	21
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	18
5775MHz	18
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	19.5
5200MHz	22
5240MHz	22.5
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	18.5
5230MHz	19.5
5755MHz	21.5
5795MHz	21

Mode	Power Setting
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	18
5775MHz	18

Test Mode 2 + antenna set 2 with 2M antenna cable + configuration 3 (Port 3 + Port 4)

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	16.5
5200MHz	19.5
5240MHz	19.5
5745MHz	20
5785MHz	20
5825MHz	20
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	17.5
5200MHz	20
5240MHz	20.5
5745MHz	20.5
5785MHz	20.5
5825MHz	20
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	13
5230MHz	19
5755MHz	20
5795MHz	19.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	14.5
5775MHz	17
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	17.5
5200MHz	20
5240MHz	20.5
5745MHz	20.5
5785MHz	20.5
5825MHz	20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	13
5230MHz	19
5755MHz	20
5795MHz	19.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-

Mode	Power Setting
5210MHz	14.5
5775MHz	17

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
	1. For antenna set 2: configuration 2 (Port 4 + Port 3) has been evaluated to be the worst case for radiated emissions test. Consequently, measurement for conducted emissions test will follow this same test mode. 2. For powered by PoE: There are two PoE ports on the EUT. Because of the same function and rate, powered from PoE port 2 is selected for testing.
1	EUT + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
2	EUT + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + adapter
3	EUT + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + adapter
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + PoE
5	EUT + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
6	EUT + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + adapter
7	EUT + antenna set 2 (2.4GHz+5GHz) configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + adapter
Mode 6 has been evaluated to be the worst case among Mode 5~7, thus measurement for Mode 8 will follow this same test mode.	
8	EUT + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + PoE
Mode 8 has been evaluated to be the worst case among Mode 5~8, thus measurement for Mode 9 will follow this same test mode.	
9	EUT + antenna set 2 (2.4GHz+5GHz) configuration 2 (Port 4 + Port 3) with 2M and 10M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + PoE
For operating mode 9 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	Radio 2 + antenna set 1
2	Radio 2 + antenna set 2 with 2M antenna cable

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	1. For antenna set 1: The EUT performed the test at the X axis, Y axis and Z axis. The Y axis has been evaluated to be the worst case, this measurement will follow this same test mode. 2. For antenna set 2: The EUT performed the test at the X axis, Y axis and Z axis. The Z axis has been evaluated to be the worst case, this measurement will follow this same test mode. 3. For powered by PoE: There are two PoE ports on the EUT. Because of the same function and rate, powered from PoE port 2 is selected for testing.
1	EUT in Y axis + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
2	EUT in Y axis + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + adapter
3	EUT in Y axis + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + adapter
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT in Y axis + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + PoE
5	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
6	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
7	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 3 (Port 3 + Port 4) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
8	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 4 (Port 2 + Port 1) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
Mode 6 has been evaluated to be the worst case among Mode 5~8, thus measurement for Mode 9~10 will follow this same test mode.	
9	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + adapter
10	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + adapter
Mode 6 has been evaluated to be the worst case among Mode 5~10, thus measurement for Mode 11~12 will follow this same test mode.	
11	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + PoE
12	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 12M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + PoE
For operating mode 4 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	1. For antenna set 1: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration. 2. For antenna set 2: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. Thus, the measurement will follow this same test configuration. 3. The EUT was performed with antenna set 2 in four configurations, and the worst case was found at configuration 3 (Port 3 + Port 4). Thus, the measurement will follow this same test configuration.
1	EUT in Y axis + Radio 2 + antenna set 1
2	EUT in Z axis + Radio 2 + antenna set 2 with 2M antenna cable + configuration 3 (Port 3 + Port 4)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	1. For test mode 1: The EUT was performed testing at X, Y, and Z axis positions, and the worst case was found at Y axis in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration. 2. For test mode 2: The EUT was performed testing at X, Y, and Z axis positions, and the worst case was found at Z axis in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration. 3. For test mode 3: The EUT was performed testing at X, Y, and Z axis positions, and the worst case was found at Y axis in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration. 4. For test mode 4: The EUT was performed testing at X, Y, and Z axis positions, and the worst case was found at X axis in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis_Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 1
2	EUT in Z axis_Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 2 with 2M antenna cable + configuration 3 (Port 3 + Port 4)
3	EUT in Y axis_Radio 3 (6GHz) + Radio 4 (Bluetooth)
4	EUT in X axis_Radio 3 (6GHz) + Radio 4 (Zigbee)
For operating mode 3 is the worst case and it was record in this test report.	
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 1 + Radio 3 (6GHz) + Radio 4 (Bluetooth)
2	Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 1 + Radio 3 (6GHz) + Radio 4 (Zigbee)
3	Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 2 with 2M antenna cable + Radio 3 (6GHz) + Radio 4 (Bluetooth)
4	Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 2 with 2M antenna cable + Radio 3 (6GHz) + Radio 4 (Zigbee)
Refer to Sporton Test Report No.: FA372105 for Co-location RF Exposure Evaluation.	

Note: The Adapter and PoE are for measurement only, would not be marketed.
Adapter and PoE information as below:

Power	Brand	Model
Adapter	APD	DA-48Z12
PoE 1	DELTA	ADP-60HR B
PoE 2	Microsemi	PD-9001GR/AC

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Mounting Bracket*1
SMA Connector*2 (Used for Patch Ant.)

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN1 NB	DELL	E6430	N/A
B	LAN2 NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6431	N/A
D	5G NB	DELL	E6432	N/A
E	6G NB	DELL	E6433	N/A
F	Zigbee Device	Allied Telesis	TQ6403	N/A
G	PoE 1	DELTA	ADP-60HR B	N/A
H	6G Client	INTEL	AX210NGW	PD9AX210NG/NA
J	Device NB	DELL	E6433	N/A

For Radiated (below 1GHz):

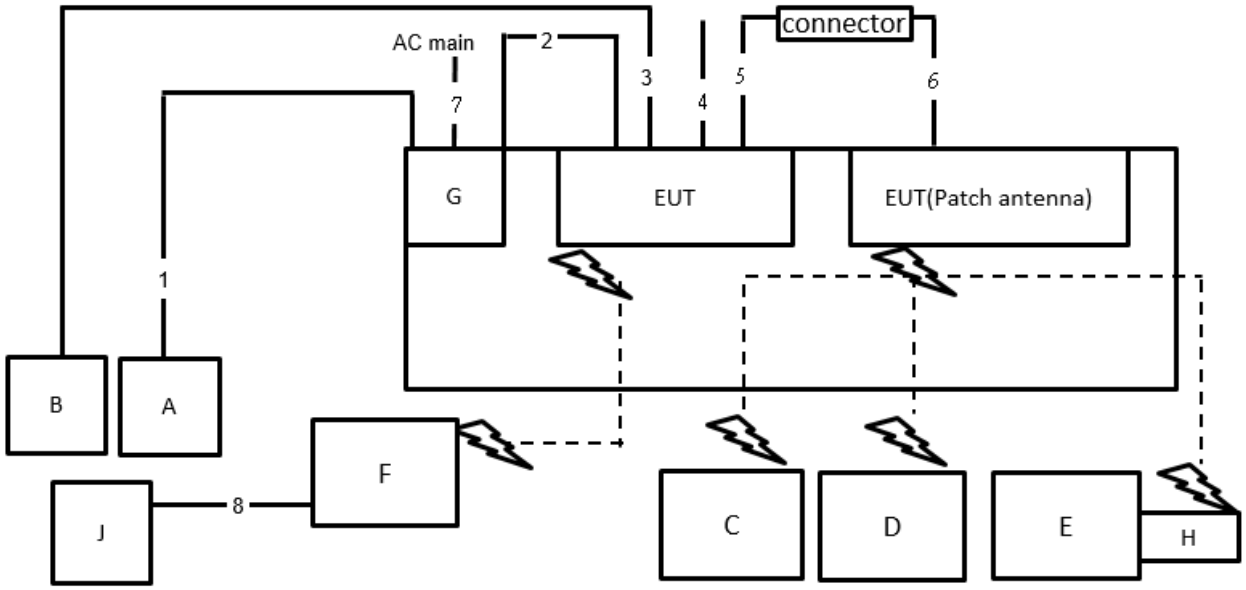
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	2.5G Notebook	DELL	E4300	N/A
B	PoE 2	Microsemi	PD-9001GR/AC	N/A
C	2.5G Notebook	DELL	E4300	N/A
D	Zigbee Client	Allied Telesis	TQ6403	N/A
E	Client Notebook	DELL	E4300	N/A
F	2.4G WIFI Notebook	DELL	E4300	N/A
G	5G WIFI Notebook	DELL	E4300	N/A
H	6G WIFI Notebook	DELL	E4300	N/A
I	WLAN module	INTEL	AX210NGW	PD9AX210NG

For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE 1	DELTA	ADP-60HR B	N/A

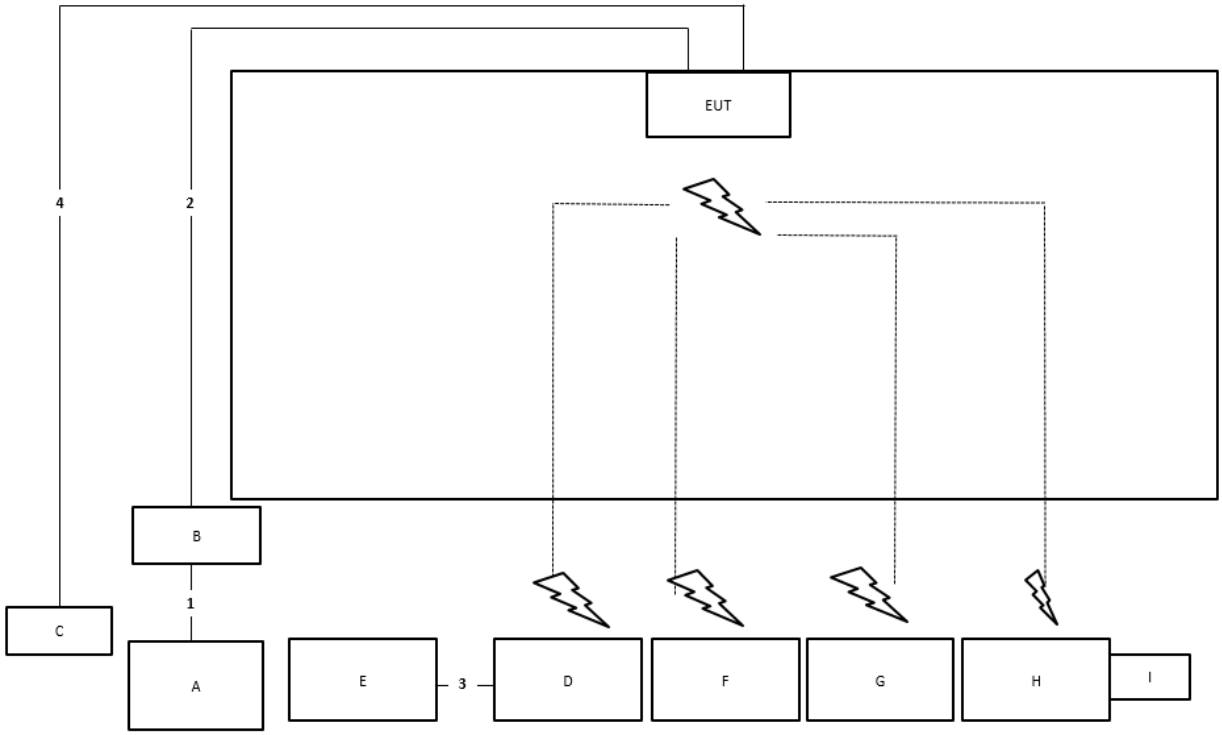
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



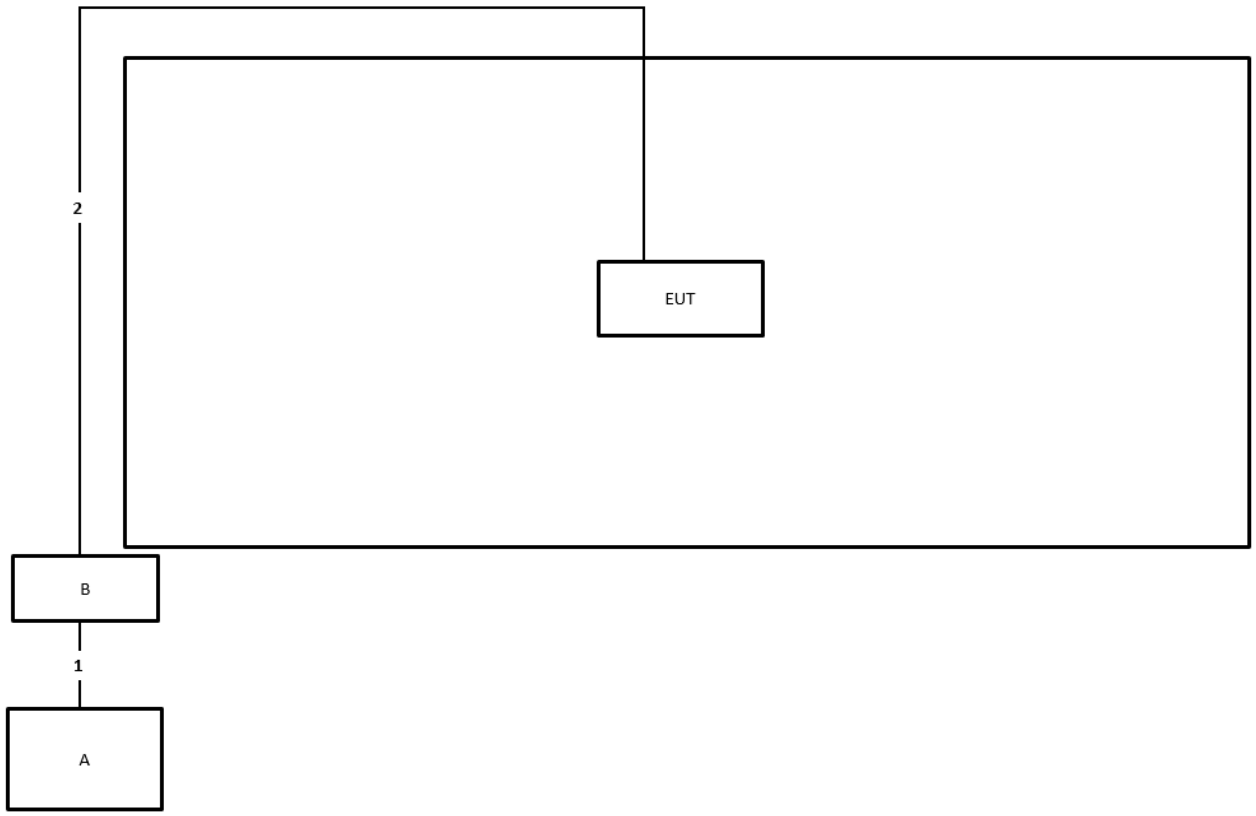
Item	Connection	Shielded	Length
1	RJ-45 cable	No	3m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	Console cable	No	1.8m
5	Antenna N-type cable*2	Yes	2m
6	Antenna N-type cable*2	Yes	10m
7	Power cable	No	2m
8	RJ-45 cable	No	3m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

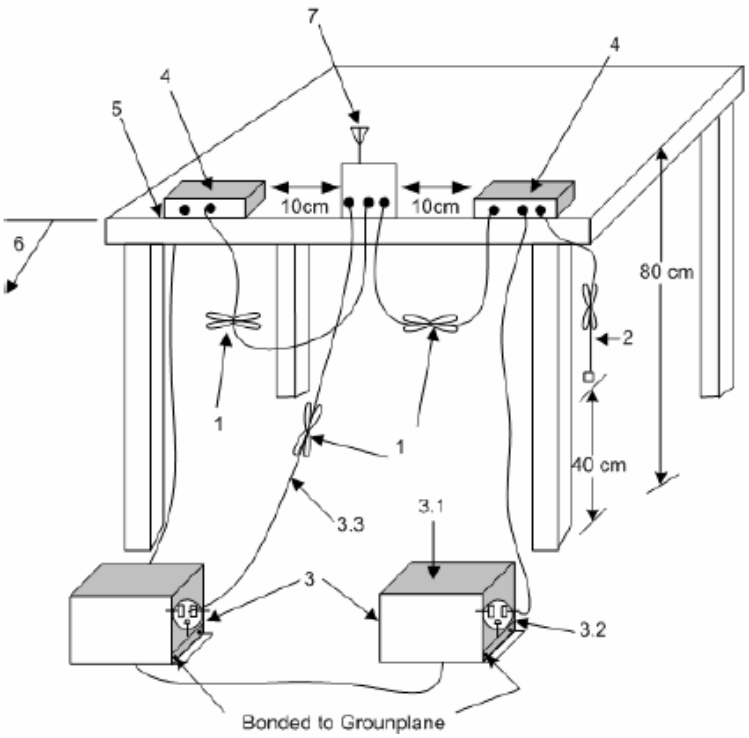
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

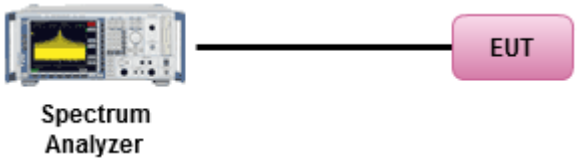
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

3.4.2 Measuring Instruments

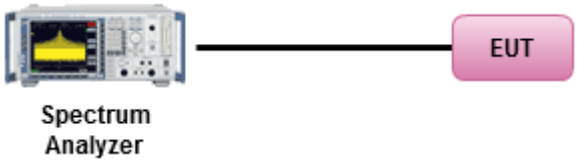
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

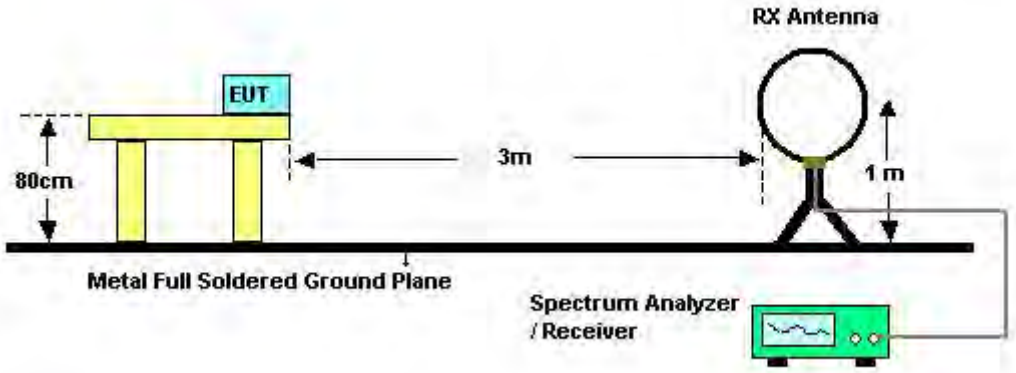
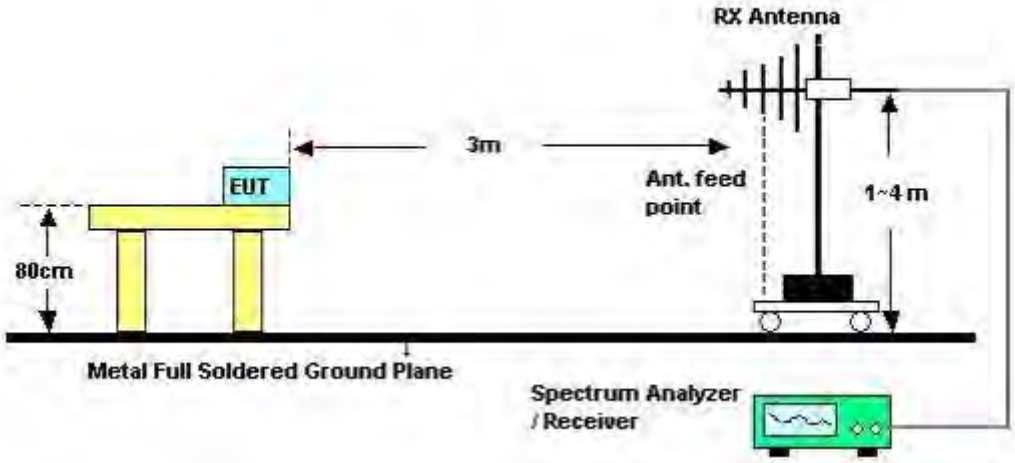
3.5.2 Measuring Instruments

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

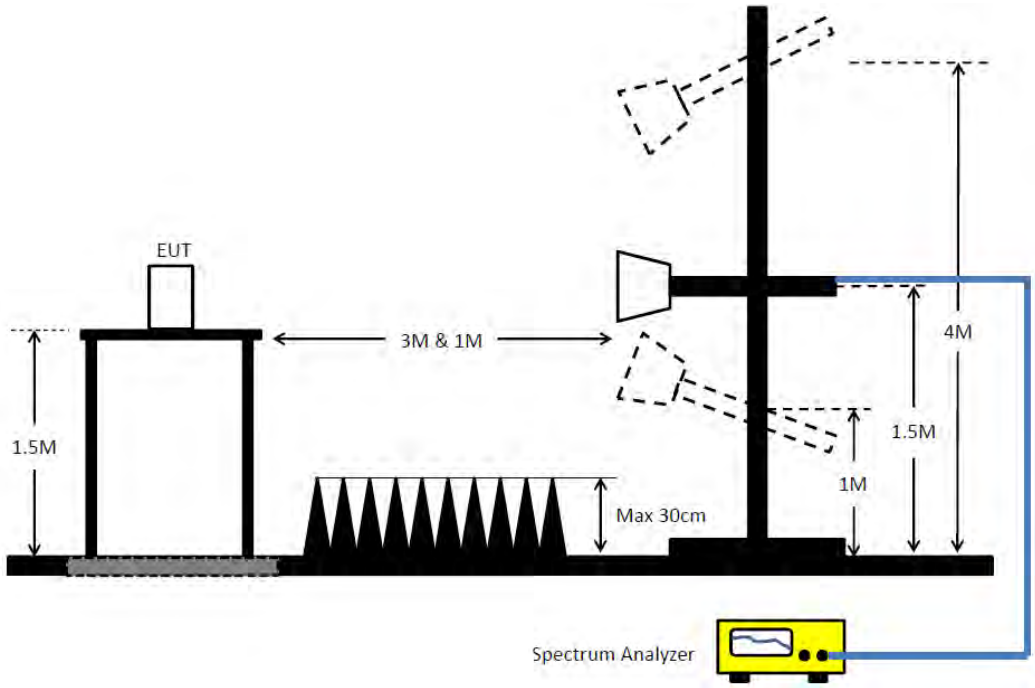
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 06, 2023	Apr. 05, 2024	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 20, 2022	Dec. 19, 2023	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO02-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. 03, 2022	Aug. 02, 2023	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	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Dec. 05, 2022	Dec. 04, 2023	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 23, 2023	Feb. 22, 2024	Radiation (03CH04-CB)
Horn Antenna	ETS·Lindgren	3115	00143147	750MHz~18GHz	Oct. 12, 2022	Oct. 11, 2023	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 2024	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz~26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

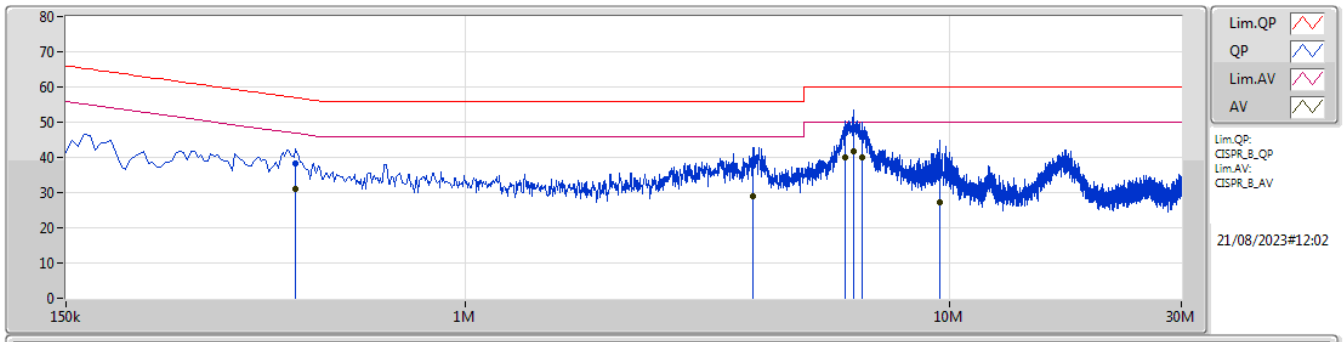
Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.

Summary

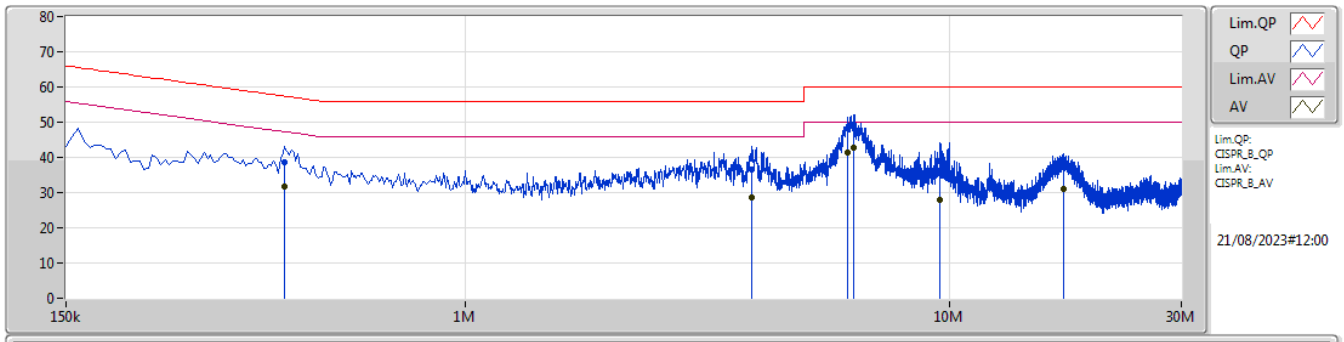
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 9	Pass	AV	6.315M	42.87	50.00	-7.13	Neutral

Mode 9



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	447k	38.39	56.94	-18.55	10.19	Line	-	28.20	0.04	0.15	10.00
AV	447k	31.00	46.94	-15.94	10.19	Line	-	20.81	0.04	0.15	10.00
QP	3.926M	37.57	56.00	-18.43	10.14	Line	-	27.43	0.10	0.20	9.84
AV	3.926M	28.90	46.00	-17.10	10.14	Line	-	18.76	0.10	0.20	9.84
QP	6.068M	46.90	60.00	-13.10	10.23	Line	-	36.67	0.15	0.20	9.88
AV	6.068M	40.10	50.00	-9.90	10.23	Line	-	29.87	0.15	0.20	9.88
QP	6.315M	48.22	60.00	-11.78	10.23	Line	-	37.99	0.15	0.20	9.88
AV	6.315M	41.60	50.00	-8.40	10.23	Line	"Worst"	31.37	0.15	0.20	9.88
QP	6.576M	46.88	60.00	-13.12	10.24	Line	-	36.64	0.15	0.21	9.88
AV	6.576M	39.87	50.00	-10.13	10.24	Line	-	29.63	0.15	0.21	9.88
QP	9.524M	38.12	60.00	-21.88	10.32	Line	-	27.80	0.19	0.21	9.92
AV	9.524M	27.41	50.00	-22.59	10.32	Line	-	17.09	0.19	0.21	9.92

Mode 9



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	6.135M	48.42	60.00	-11.58	10.22	Neutral	-	38.20	0.14	0.20	9.88
AV	6.135M	41.21	50.00	-8.79	10.22	Neutral	-	30.99	0.14	0.20	9.88
QP	6.315M	49.13	60.00	-10.87	10.22	Neutral	-	38.91	0.14	0.20	9.88
AV	6.315M	42.87	50.00	-7.13	10.22	Neutral	"Worst"	32.65	0.14	0.20	9.88
QP	9.551M	38.87	60.00	-21.13	10.31	Neutral	-	28.56	0.18	0.21	9.92
AV	9.551M	27.95	50.00	-22.05	10.31	Neutral	-	17.64	0.18	0.21	9.92
QP	17.115M	37.81	60.00	-22.19	10.47	Neutral	-	27.34	0.22	0.25	10.00
AV	17.115M	31.05	50.00	-18.95	10.47	Neutral	-	20.58	0.22	0.25	10.00
QP	3.908M	36.62	56.00	-19.38	10.14	Neutral	-	26.48	0.10	0.20	9.84
AV	3.908M	28.78	46.00	-17.22	10.14	Neutral	-	18.64	0.10	0.20	9.84
QP	424.5k	38.60	57.36	-18.76	10.20	Neutral	-	28.40	0.05	0.15	10.00
AV	424.5k	31.84	47.36	-15.52	10.20	Neutral	-	21.64	0.05	0.15	10.00

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.055M	17.657M	17M7D1D	18.645M	16.36M
802.11ax HEW20_Nss1,(MCS0)_2TX	28.71M	19.29M	19M3D1D	20.515M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.82M	37.681M	37M7D1D	39.6M	37.631M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.3M	76.962M	77M0D1D	78.76M	76.862M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.445M	35.204M	35M2D1D	16.39M	23.528M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.14M	39.93M	39M9D1D	16.72M	21.089M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.06M	58.571M	58M6D1D	36.3M	37.981M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.66M	76.962M	77M0D1D	73.92M	76.962M

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

Result

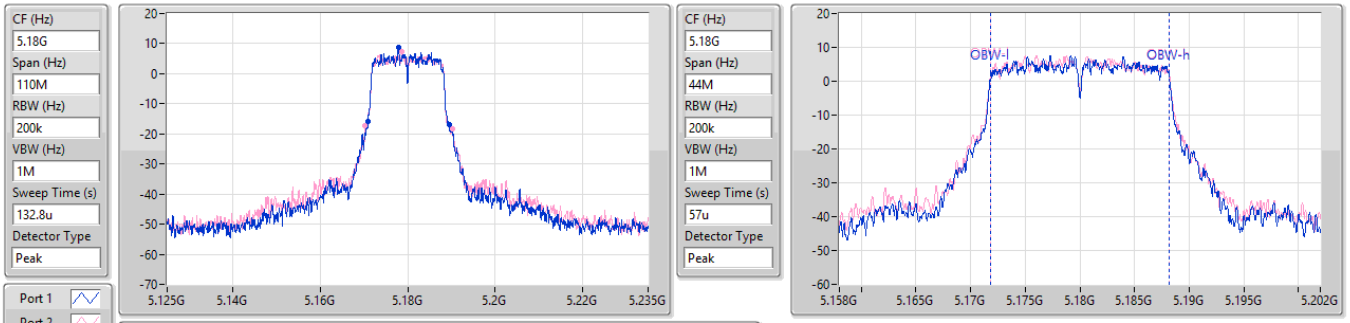
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.645M	16.36M	19.855M	16.382M
5200MHz	Pass	Inf	27.115M	16.668M	31.79M	17.437M
5240MHz	Pass	Inf	26.785M	16.69M	33.055M	17.657M
5745MHz	Pass	500k	16.445M	30.235M	16.39M	23.528M
5785MHz	Pass	500k	16.39M	35.204M	16.445M	34.413M
5825MHz	Pass	500k	16.445M	34.237M	16.39M	35.05M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.515M	18.866M	20.625M	18.916M
5200MHz	Pass	Inf	24.805M	18.916M	26.675M	19.065M
5240MHz	Pass	Inf	27.555M	19.265M	28.71M	19.29M
5745MHz	Pass	500k	19.085M	30.885M	19.085M	21.089M
5785MHz	Pass	500k	19.03M	39.93M	16.72M	38.006M
5825MHz	Pass	500k	18.59M	38.756M	19.14M	38.456M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.82M	37.681M	39.6M	37.681M
5230MHz	Pass	Inf	39.6M	37.631M	39.71M	37.681M
5755MHz	Pass	500k	36.3M	38.381M	38.06M	37.981M
5795MHz	Pass	500k	38.06M	58.571M	38.06M	41.629M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	78.76M	76.862M	80.3M	76.962M
5775MHz	Pass	500k	77.66M	76.962M	73.92M	76.962M

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)_2TX **EBW**

5180MHz

31/07/2023

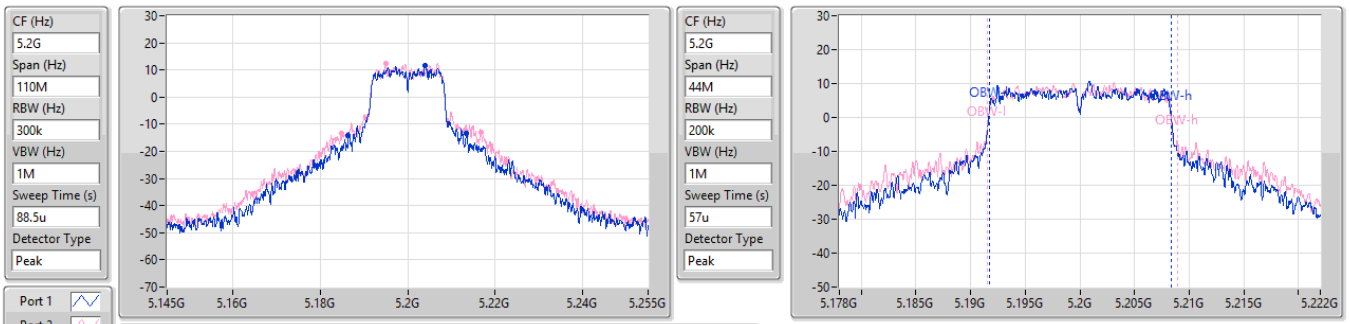


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.645M	5.17087G	5.189515G	16.36M	5.17182G	5.18818G	Inf	1
19.855M	5.17032G	5.190175G	16.382M	5.17182G	5.188202G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5200MHz

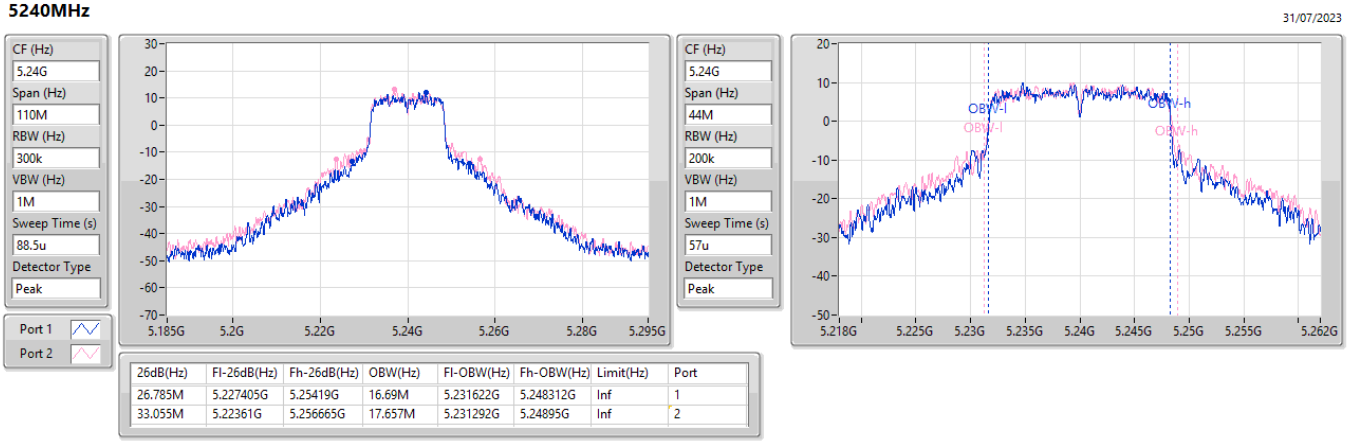
31/07/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.115M	5.186415G	5.21353G	16.668M	5.191688G	5.208356G	Inf	1
31.79M	5.184985G	5.216775G	17.437M	5.19149G	5.208928G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

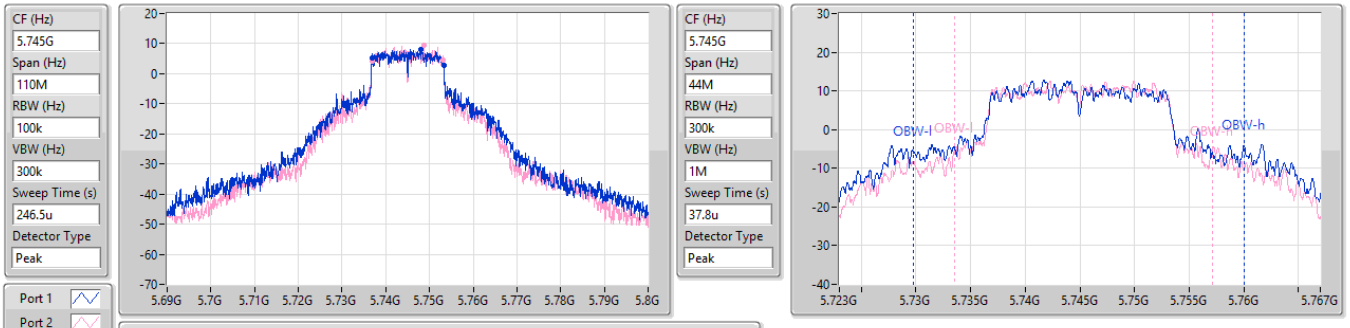
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.785M	5.227405G	5.25419G	16.69M	5.231622G	5.248312G	Inf	1
33.055M	5.22361G	5.256665G	17.657M	5.231292G	5.24895G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

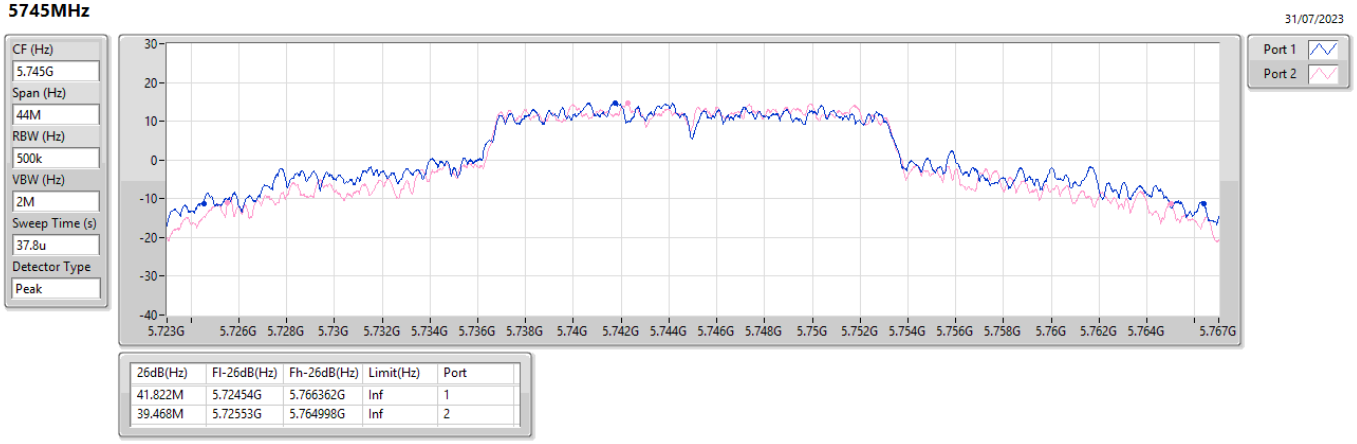
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.736805G	5.75325G	30.235M	5.729762G	5.759997G	500k	1
16.39M	5.736805G	5.753195G	23.528M	5.733566G	5.757094G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

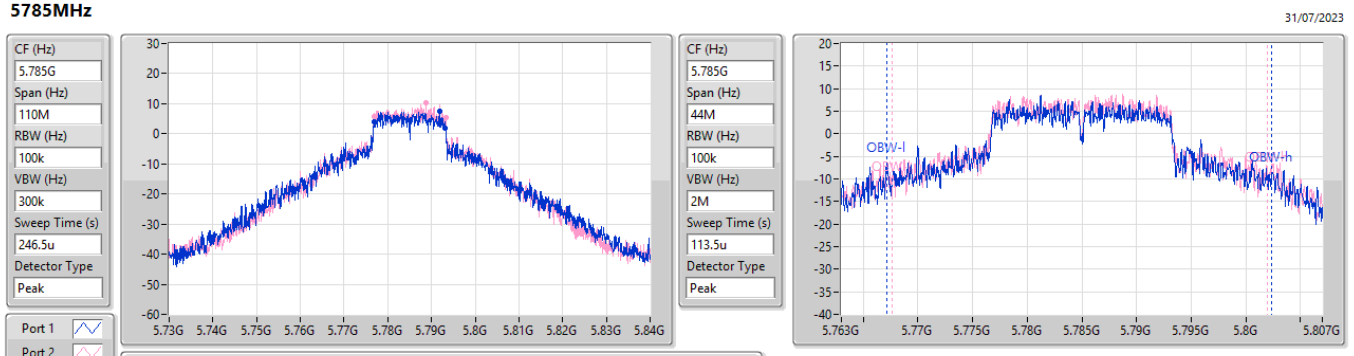
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.822M	5.72454G	5.766362G	Inf	1
39.468M	5.72553G	5.764998G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

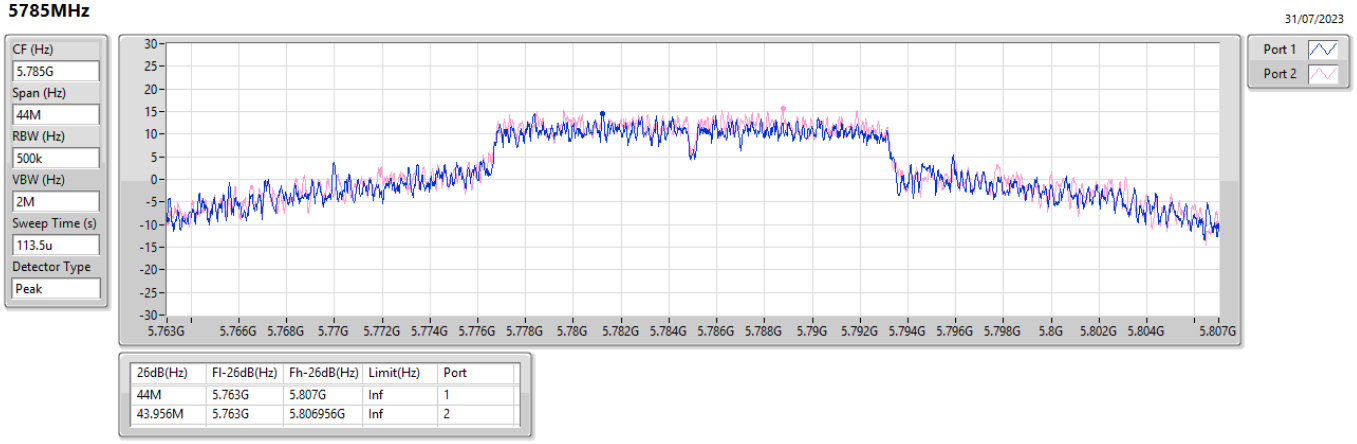
5785MHz



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	35.204M	5.767145G	5.802349G	500k	1
16.445M	5.776805G	5.79325G	34.413M	5.767607G	5.802019G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

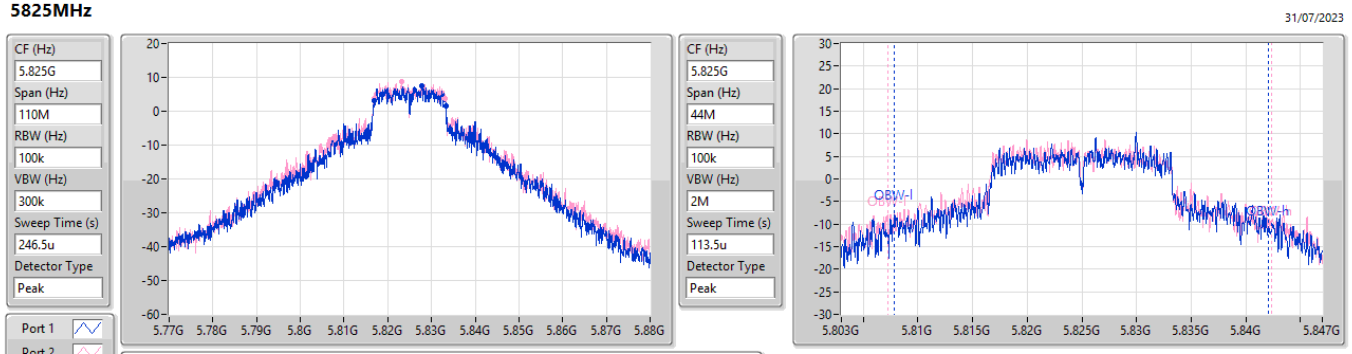
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
44M	5.763G	5.807G	Inf	1
43.956M	5.763G	5.806956G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

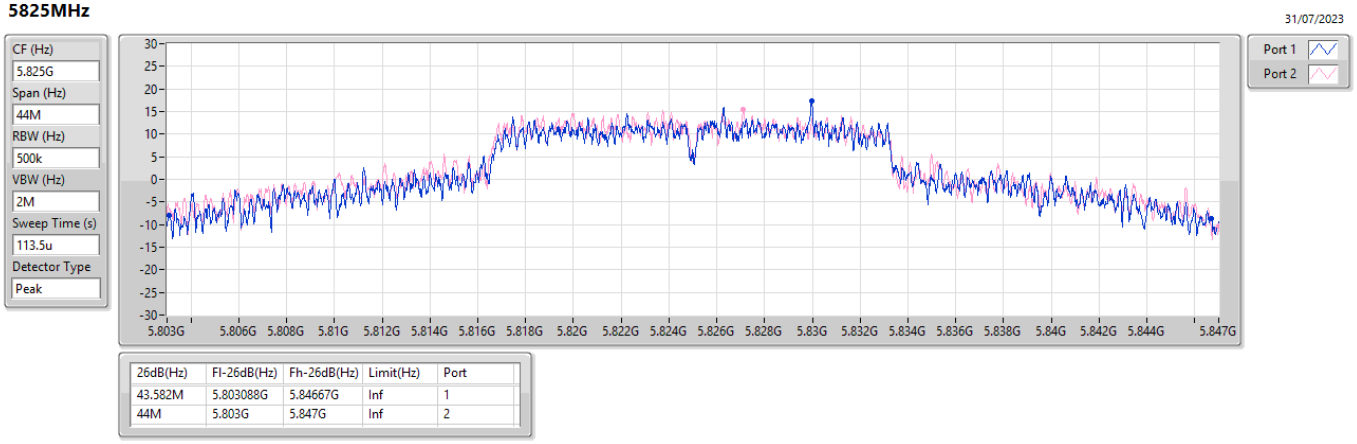
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.816805G	5.83325G	34.237M	5.807849G	5.842085G	500k	1
16.39M	5.816805G	5.833195G	35.05M	5.807277G	5.842327G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

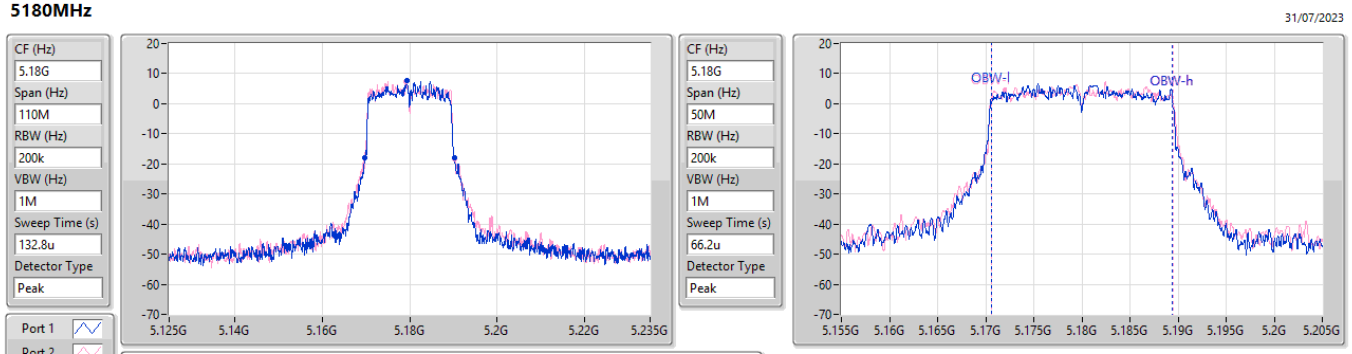
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
43.582M	5.803088G	5.84667G	Inf	1
44M	5.803G	5.847G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5180MHz

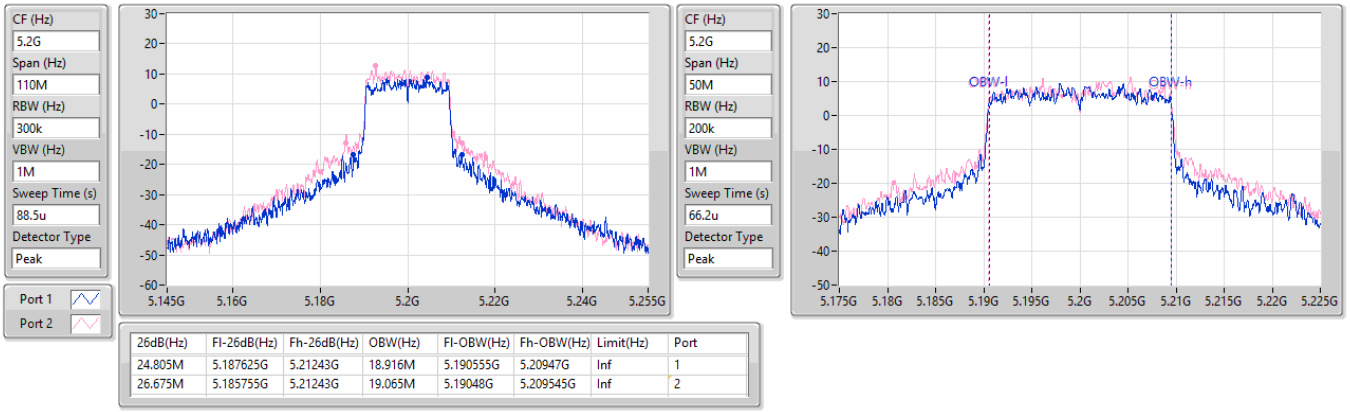


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.515M	5.16977G	5.190285G	18.866M	5.170555G	5.18942G	Inf	1
20.625M	5.16977G	5.190395G	18.916M	5.17058G	5.189495G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5200MHz

31/07/2023

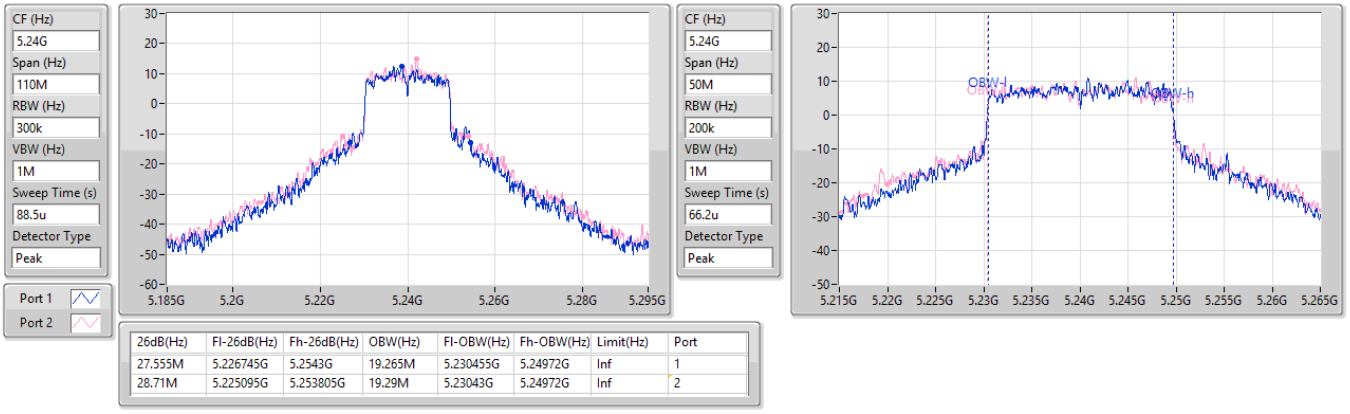


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.805M	5.187625G	5.21243G	18.916M	5.190555G	5.20947G	Inf	1
26.675M	5.185755G	5.21243G	19.065M	5.19048G	5.209545G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5240MHz

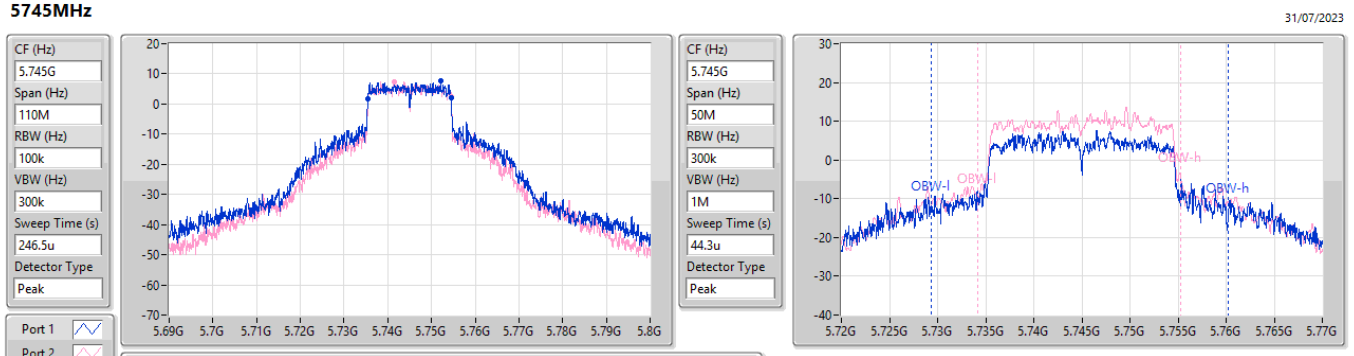
31/07/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.555M	5.226745G	5.2543G	19.265M	5.230455G	5.24972G	Inf	1
28.71M	5.225095G	5.253805G	19.29M	5.23043G	5.24972G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

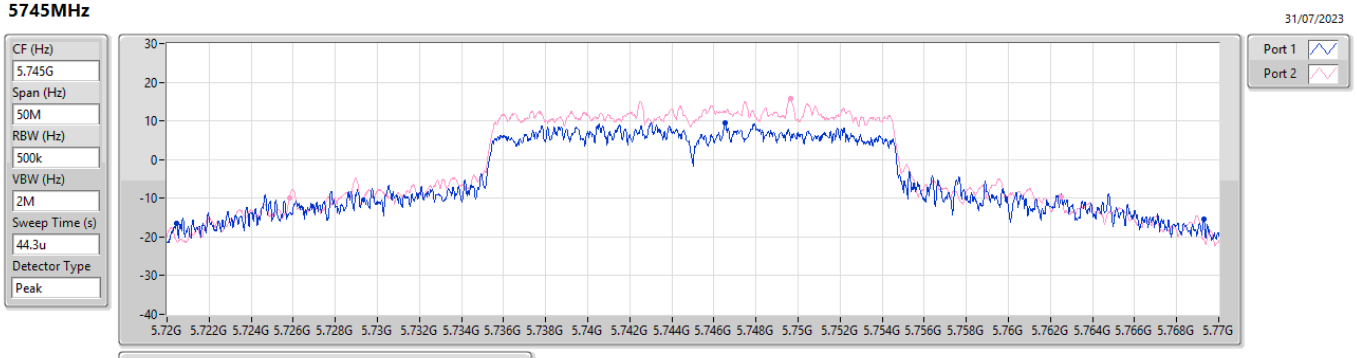
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.085M	5.73543G	5.754515G	30.885M	5.729358G	5.760242G	500k	1
19.085M	5.73543G	5.754515G	21.089M	5.734205G	5.755295G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

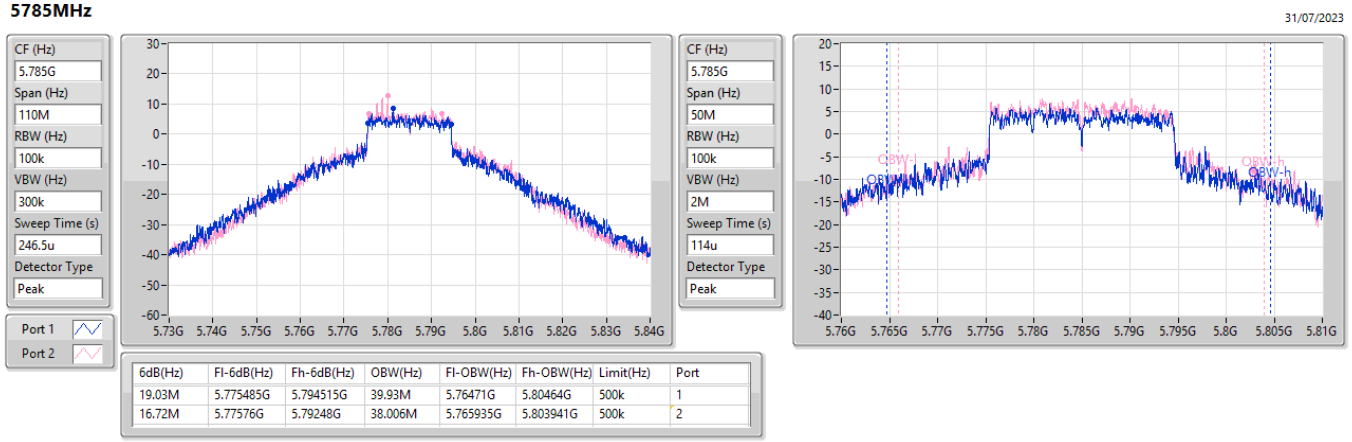
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
48.85M	5.72045G	5.7693G	Inf	1
36.675M	5.725825G	5.7625G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

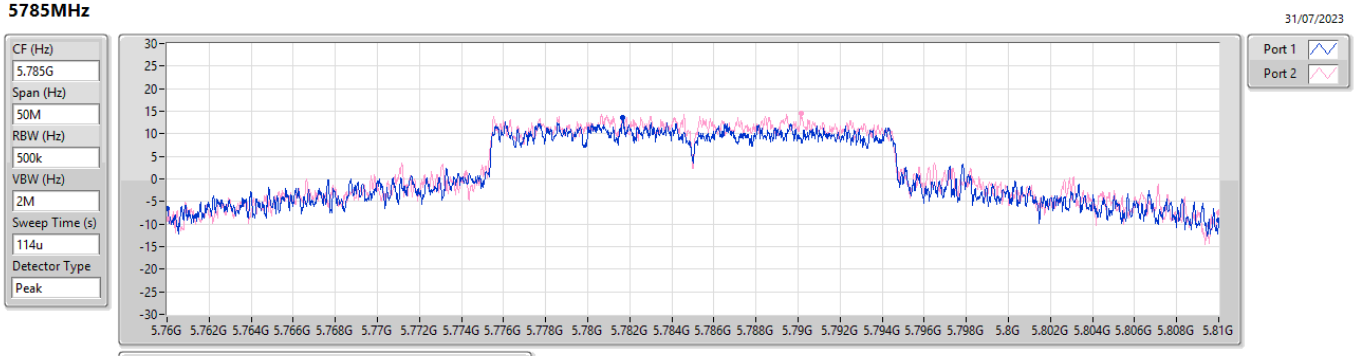
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	5.775485G	5.794515G	39.93M	5.76471G	5.80464G	500k	1
16.72M	5.77576G	5.79248G	38.006M	5.765935G	5.803941G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5785MHz

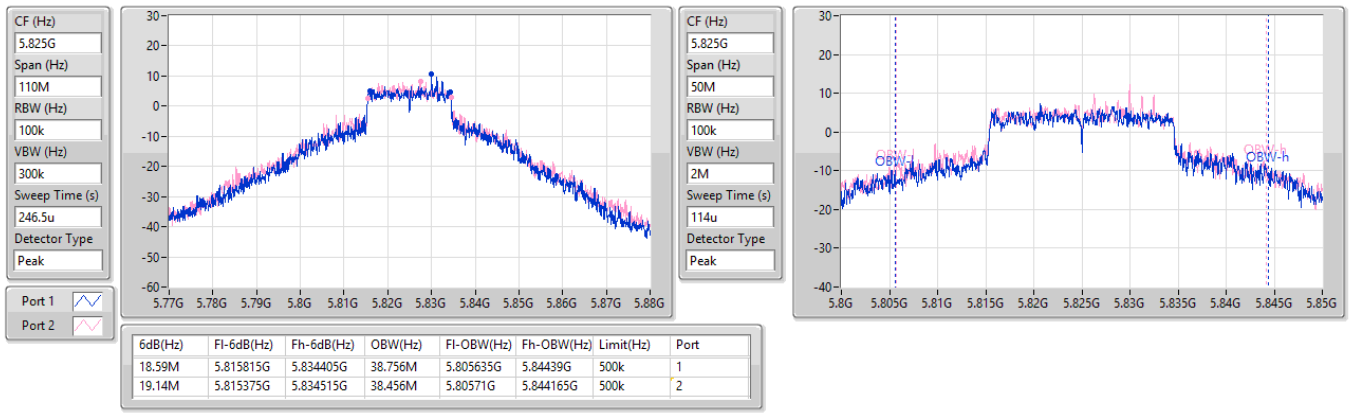


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
50M	5.76G	5.81G	Inf	1
50M	5.76G	5.81G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5825MHz

31/07/2023

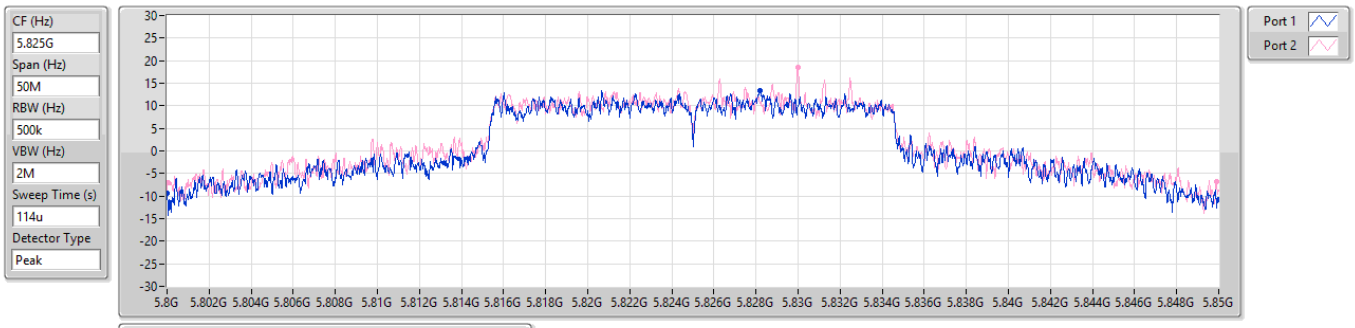


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.59M	5.815815G	5.834405G	38.756M	5.805635G	5.84439G	500k	1
19.14M	5.815375G	5.834515G	38.456M	5.80571G	5.844165G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5825MHz

31/07/2023

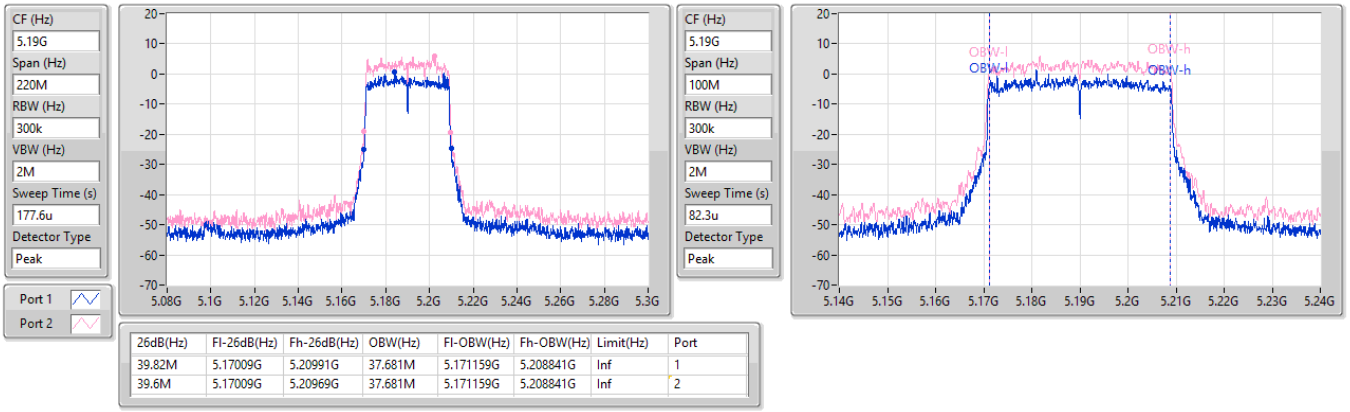


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
50M	5.8G	5.85G	Inf	1
49.825M	5.80005G	5.849875G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5190MHz

31/07/2023

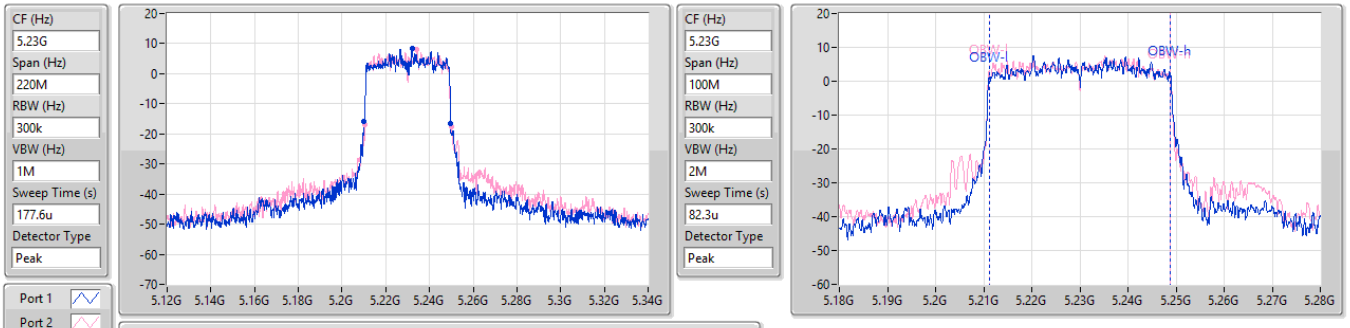


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.82M	5.17009G	5.20991G	37.681M	5.171159G	5.208841G	Inf	1
39.6M	5.17009G	5.20969G	37.681M	5.171159G	5.208841G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5230MHz

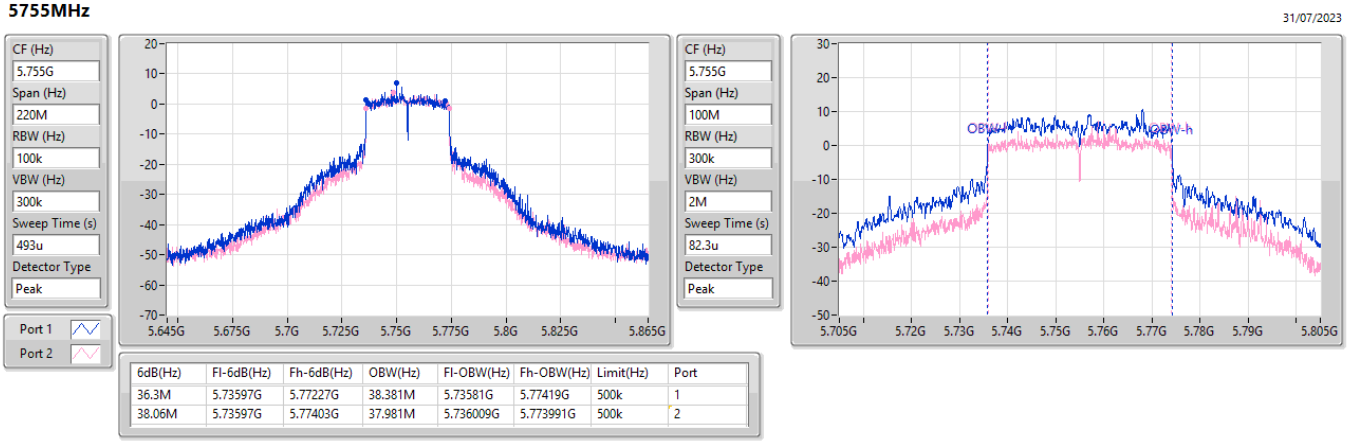
31/07/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.21009G	5.24969G	37.631M	5.211209G	5.248841G	Inf	1
39.71M	5.21042G	5.25013G	37.681M	5.211109G	5.248791G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

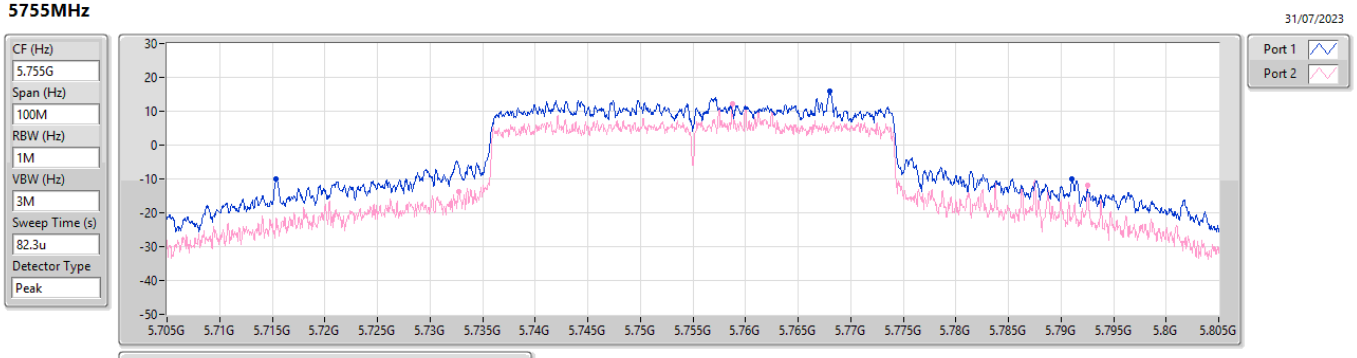
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.73597G	5.77227G	38.381M	5.73581G	5.77419G	500k	1
38.06M	5.73597G	5.77403G	37.981M	5.736009G	5.773991G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

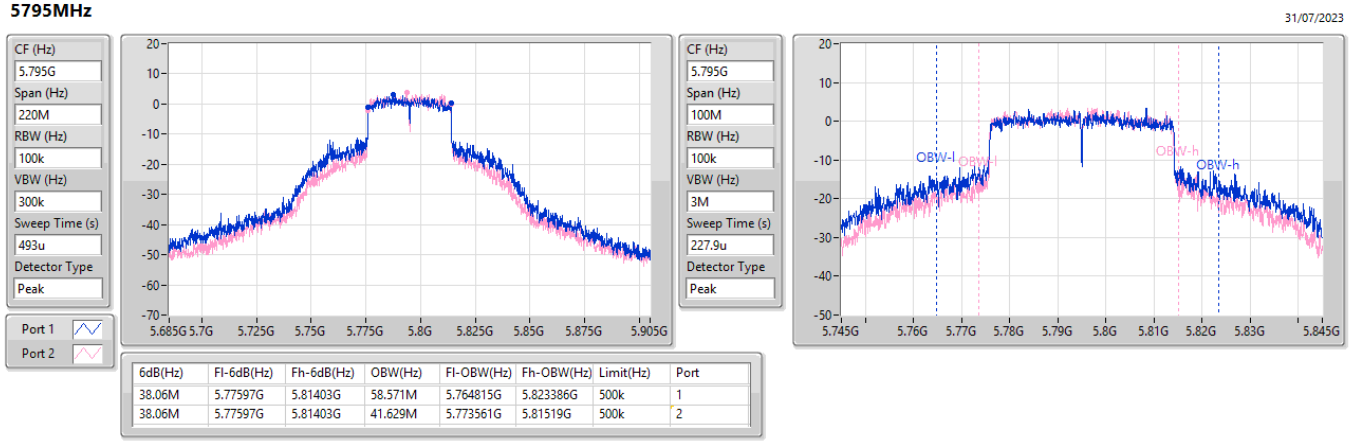
5755MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
75.65M	5.7154G	5.79105G	Inf	1
59.8M	5.73275G	5.79255G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

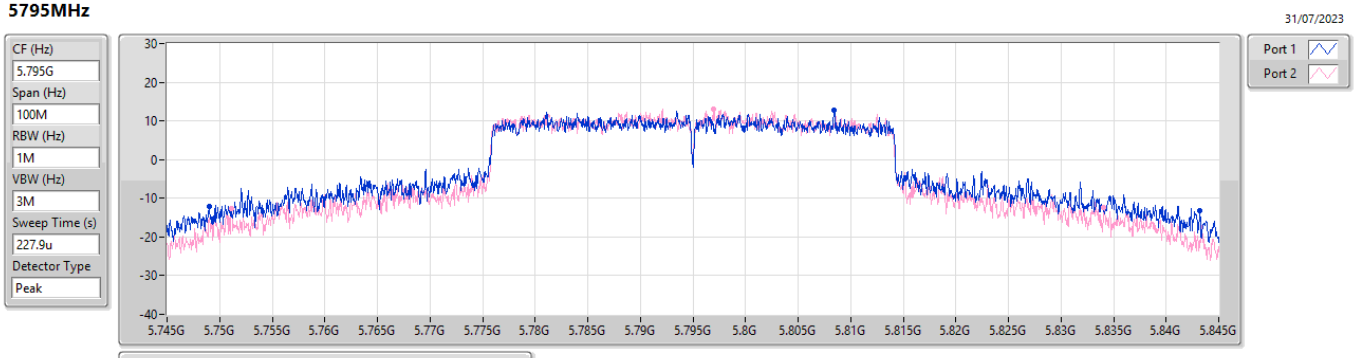
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.06M	5.77597G	5.81403G	58.571M	5.764815G	5.823386G	500k	1
38.06M	5.77597G	5.81403G	41.629M	5.773561G	5.81519G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5795MHz

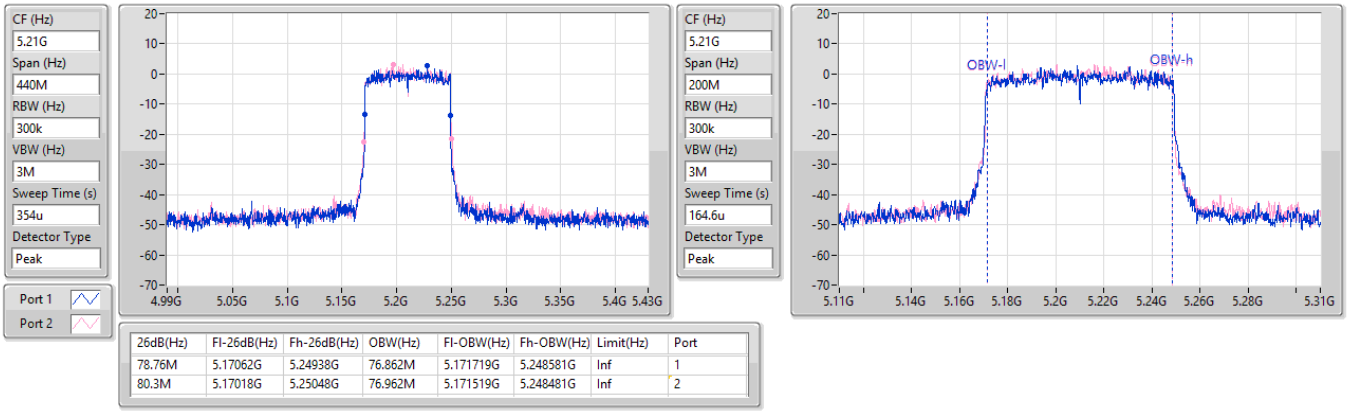


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
94.2M	5.749G	5.8432G	Inf	1
82.95M	5.7511G	5.83405G	Inf	2

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5210MHz

31/07/2023

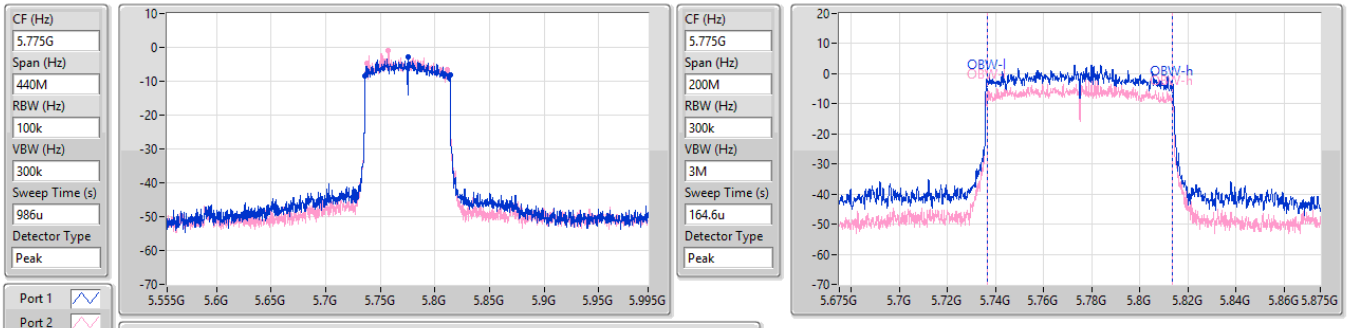


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.76M	5.17062G	5.24938G	76.862M	5.171719G	5.248581G	Inf	1
80.3M	5.17018G	5.25048G	76.962M	5.171519G	5.248481G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5775MHz

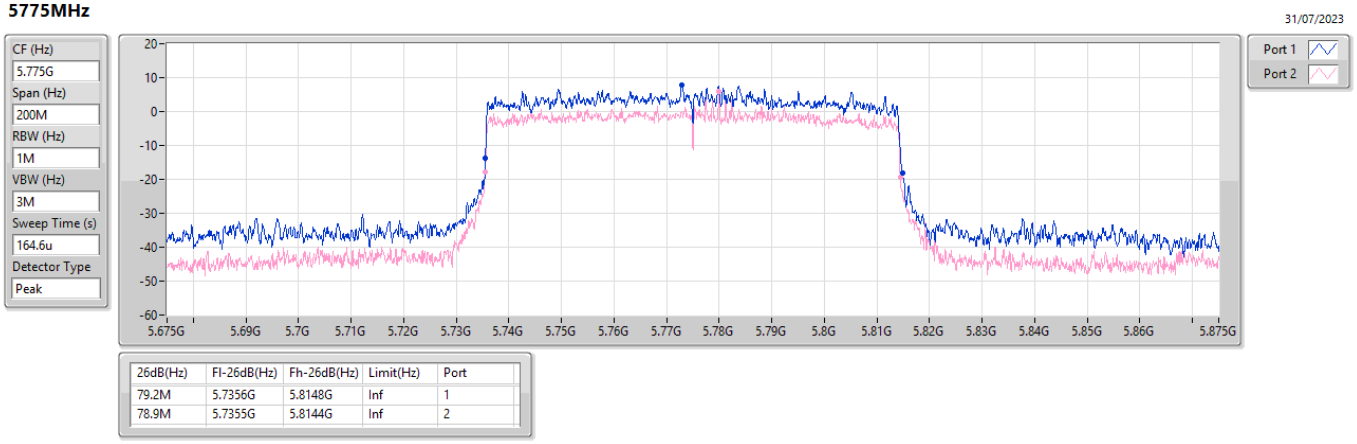
31/07/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.66M	5.73628G	5.81394G	76.962M	5.736319G	5.813281G	500k	1
73.92M	5.7376G	5.81152G	76.962M	5.736419G	5.813381G	500k	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
79.2M	5.7356G	5.8148G	Inf	1
78.9M	5.7355G	5.8144G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.075M	16.448M	16M4D1D	18.755M	16.382M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.56M	18.966M	19M0D1D	19.855M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.93M	37.631M	37M6D1D	38.94M	37.531M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.08M	77.261M	77M3D1D	79.64M	77.161M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.445M	18.691M	18M7D1D	14.63M	16.404M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.085M	22.589M	22M6D1D	18.425M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.17M	49.875M	49M9D1D	37.62M	37.731M
802.11ax HEW80_Nss1,(MCS0)_2TX	78.1M	77.261M	77M3D1D	78.1M	76.862M

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

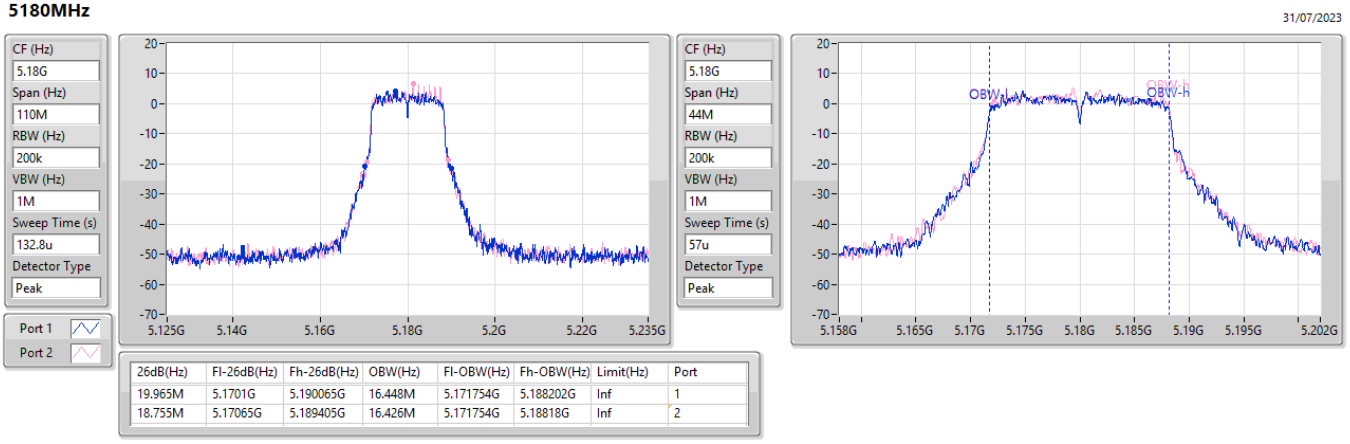
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.965M	16.448M	18.755M	16.426M
5200MHz	Pass	Inf	19.25M	16.404M	19.8M	16.382M
5240MHz	Pass	Inf	19.415M	16.404M	20.075M	16.426M
5745MHz	Pass	500k	16.445M	16.47M	16.335M	16.404M
5785MHz	Pass	500k	16.39M	18.691M	16.39M	16.602M
5825MHz	Pass	500k	14.63M	16.822M	16.335M	16.866M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.855M	18.916M	19.855M	18.891M
5200MHz	Pass	Inf	20.57M	18.941M	19.965M	18.891M
5240MHz	Pass	Inf	21.34M	18.966M	21.56M	18.866M
5745MHz	Pass	500k	19.085M	18.966M	18.425M	18.891M
5785MHz	Pass	500k	19.085M	19.315M	19.03M	19.015M
5825MHz	Pass	500k	19.03M	22.589M	19.085M	19.29M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.05M	37.581M	39.93M	37.581M
5230MHz	Pass	Inf	38.94M	37.631M	39.6M	37.531M
5755MHz	Pass	500k	38.06M	38.231M	38.17M	37.731M
5795MHz	Pass	500k	38.06M	49.875M	37.62M	37.981M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.08M	77.261M	79.64M	77.161M
5775MHz	Pass	500k	78.1M	76.862M	78.1M	77.261M

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)_2TX **EBW**

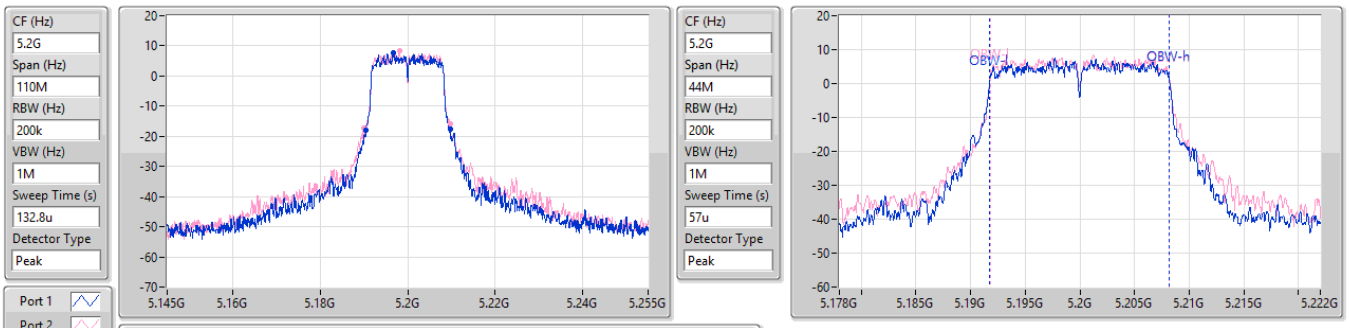
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.965M	5.1701G	5.190065G	16.448M	5.171754G	5.188202G	Inf	1
18.755M	5.17065G	5.189405G	16.426M	5.171754G	5.18818G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5200MHz

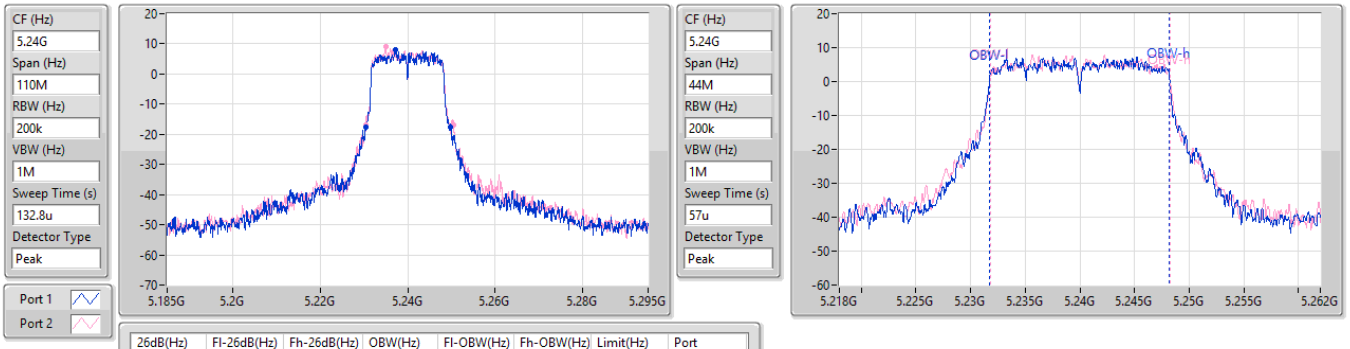


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.25M	5.190485G	5.209735G	16.404M	5.191776G	5.20818G	Inf	1
19.8M	5.18988G	5.20968G	16.382M	5.19182G	5.208202G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5240MHz

31/07/2023

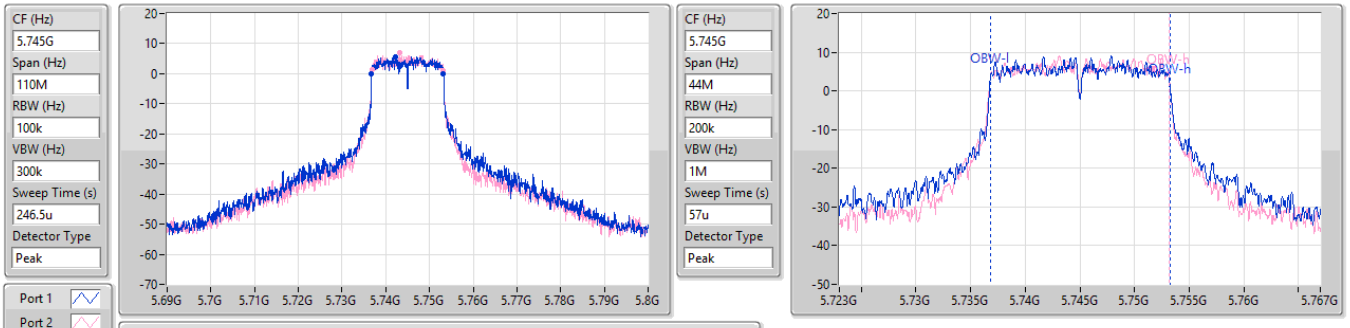


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.415M	5.23043G	5.249845G	16.404M	5.231776G	5.24818G	Inf	1
20.075M	5.23043G	5.250505G	16.426M	5.231798G	5.248224G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5745MHz

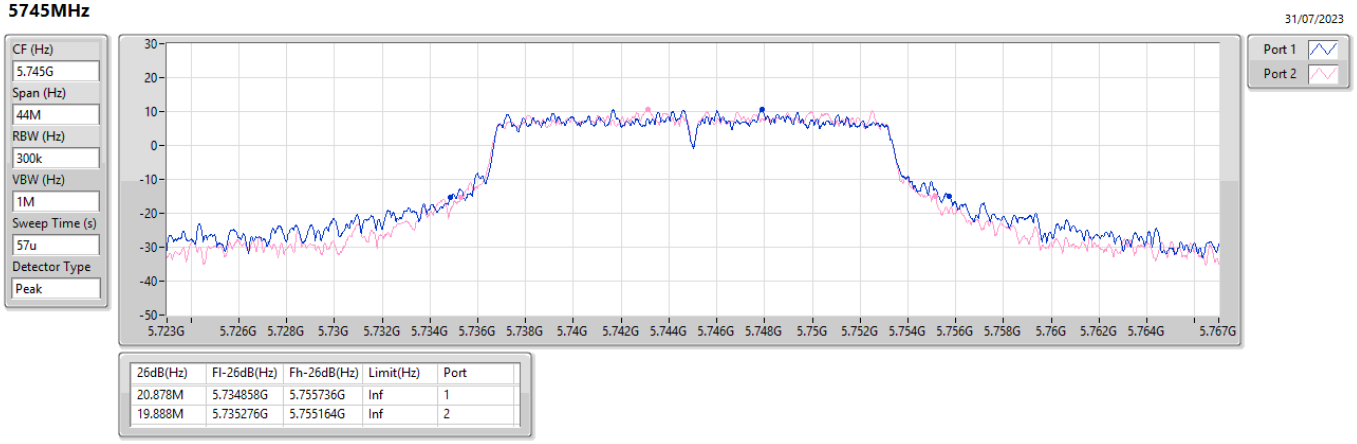
31/07/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.73675G	5.753195G	16.47M	5.736798G	5.753268G	500k	1
16.335M	5.73686G	5.753195G	16.404M	5.736798G	5.753202G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

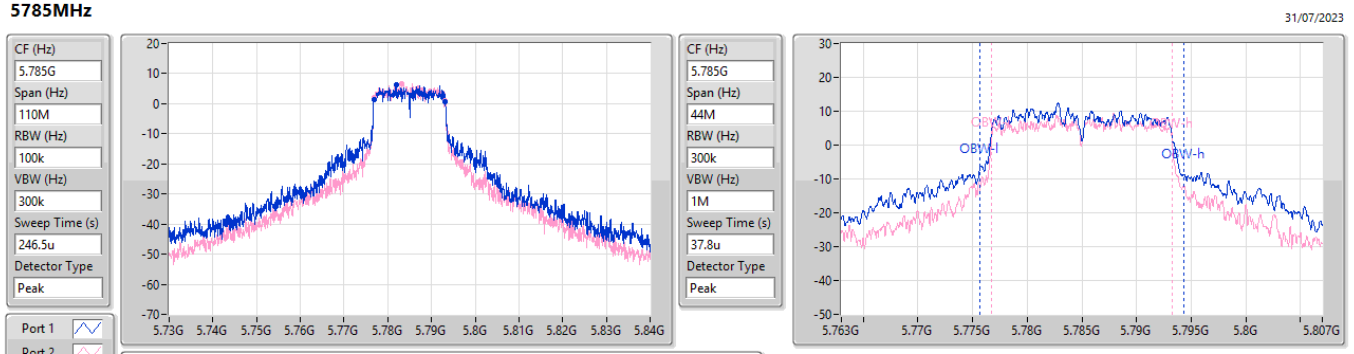
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.878M	5.734858G	5.755736G	Inf	1
19.888M	5.735276G	5.755164G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

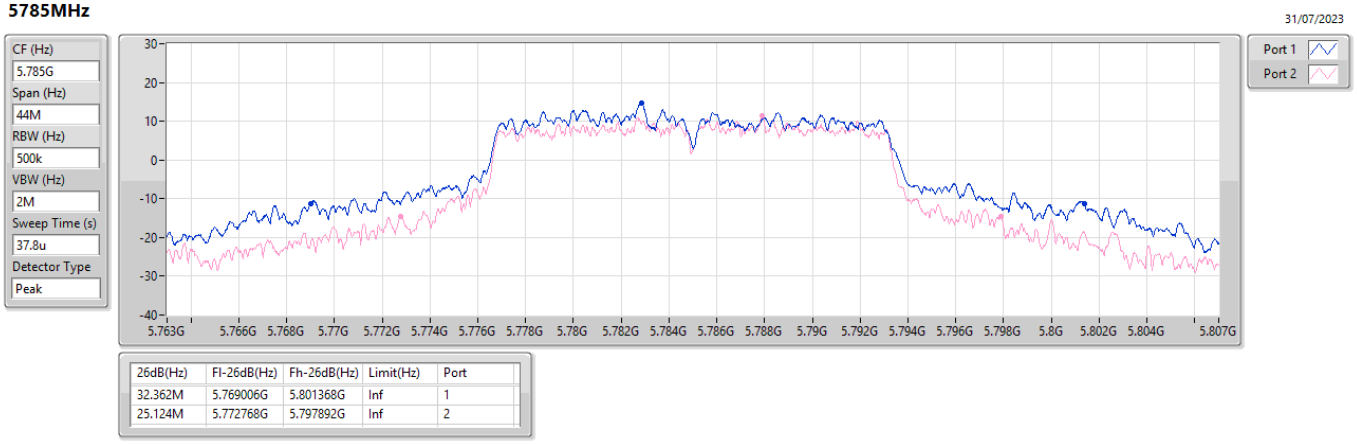
5785MHz



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	18.691M	5.775655G	5.794345G	500k	1
16.39M	5.776805G	5.793195G	16.602M	5.776688G	5.79329G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

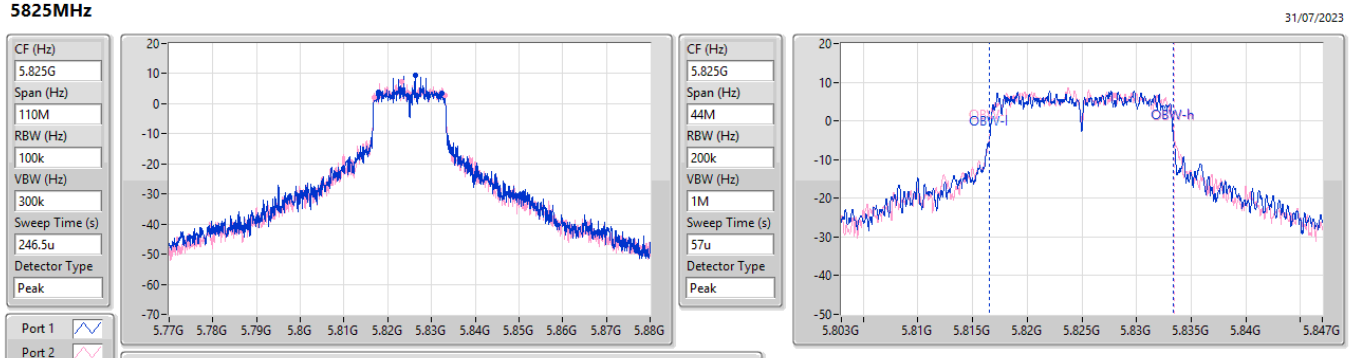
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
32.362M	5.769006G	5.801368G	Inf	1
25.124M	5.772768G	5.797892G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

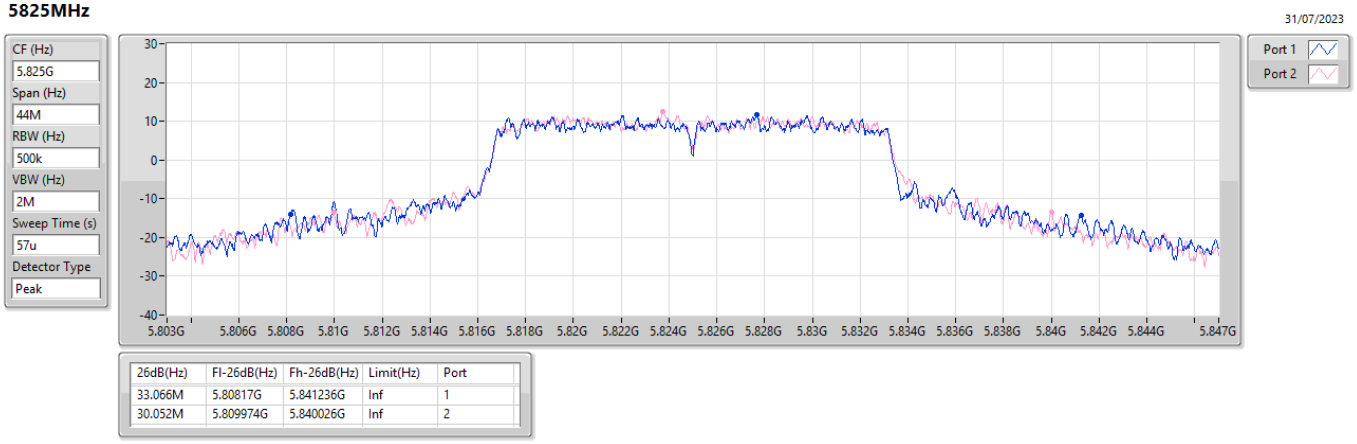
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.63M	5.81785G	5.83248G	16.822M	5.816534G	5.833356G	500k	1
16.335M	5.816805G	5.83314G	16.866M	5.816578G	5.833444G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

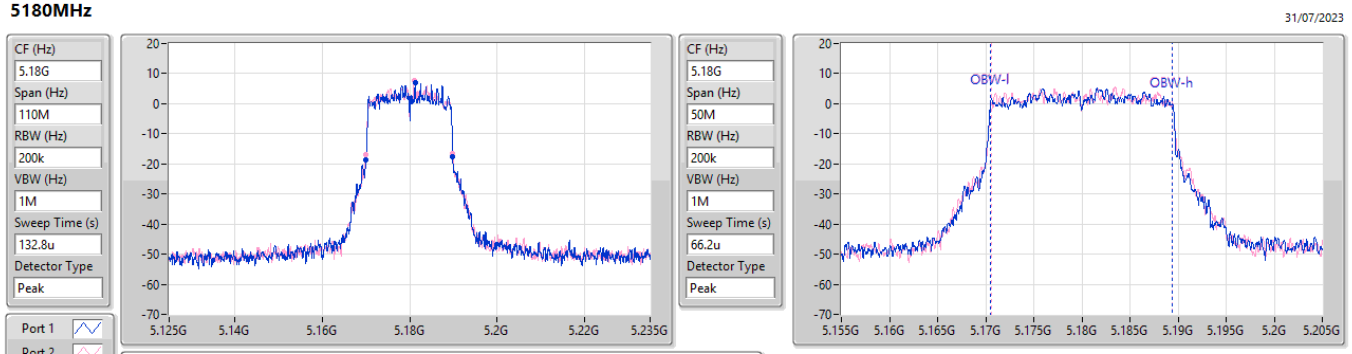
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
33.066M	5.80817G	5.841236G	Inf	1
30.052M	5.809974G	5.840026G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

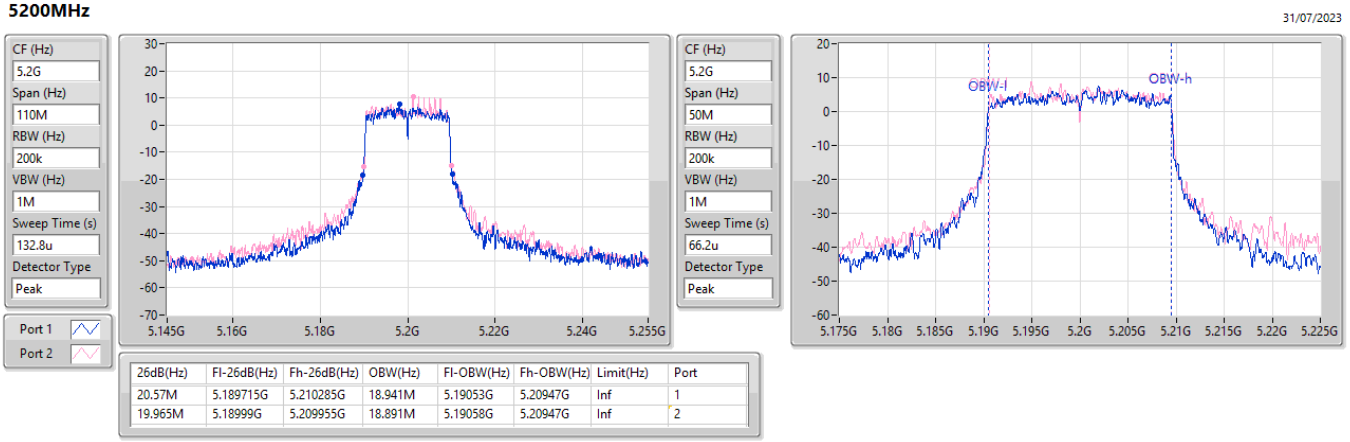
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.855M	5.16999G	5.189845G	18.916M	5.17053G	5.189445G	Inf	1
19.855M	5.170045G	5.1899G	18.891M	5.170555G	5.189445G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

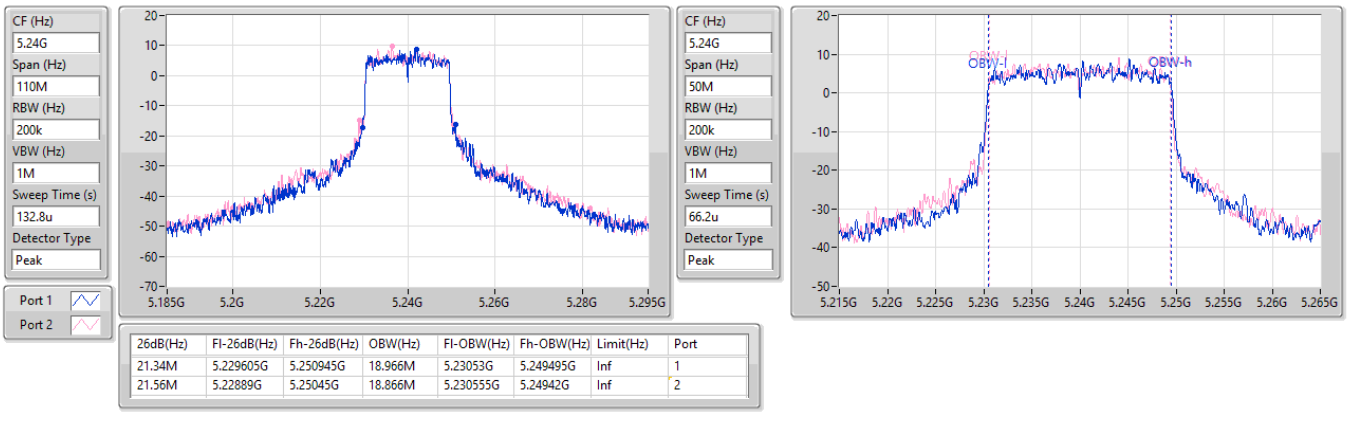
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.57M	5.189715G	5.210285G	18.941M	5.19053G	5.20947G	Inf	1
19.965M	5.18999G	5.209955G	18.891M	5.19058G	5.20947G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

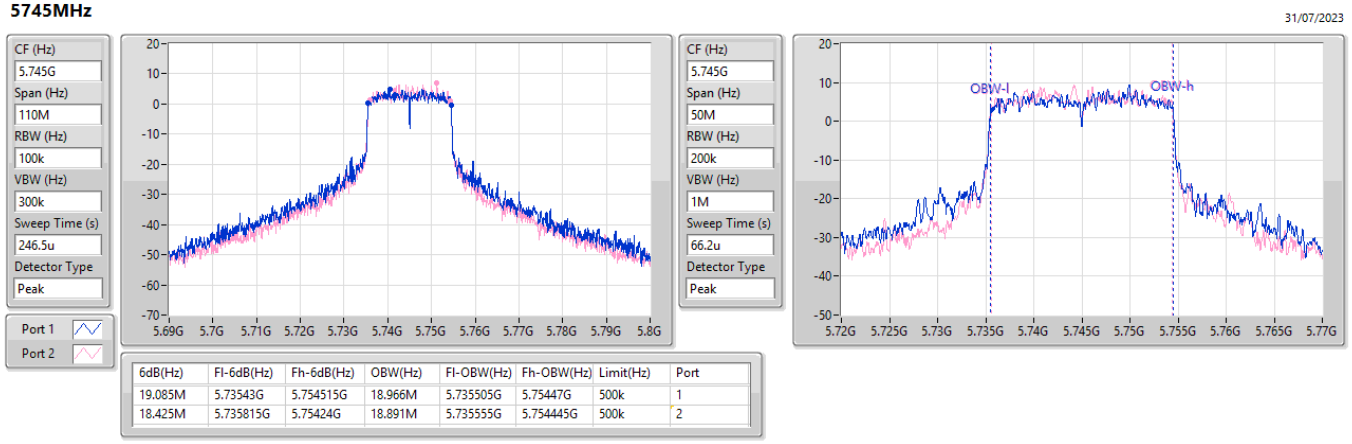
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.34M	5.229605G	5.250945G	18.966M	5.23053G	5.249495G	Inf	1
21.56M	5.22889G	5.25045G	18.866M	5.230555G	5.24942G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

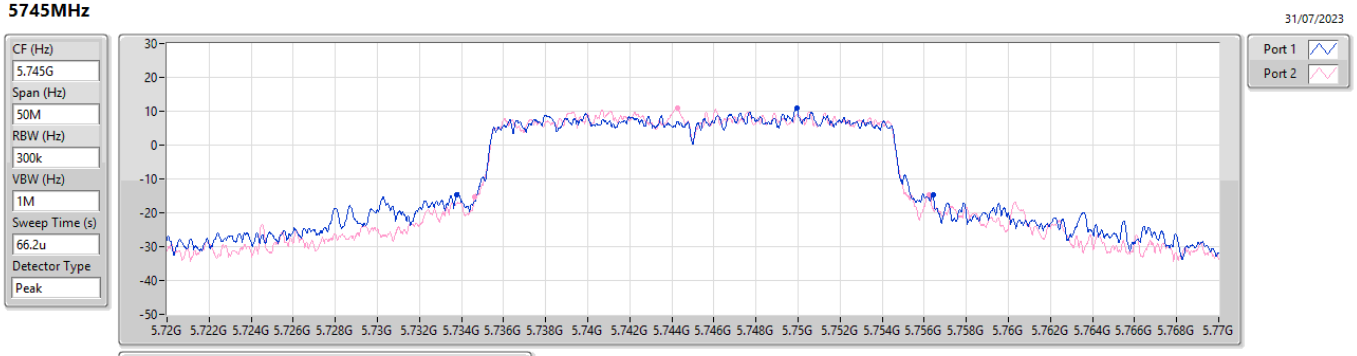
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.085M	5.73543G	5.754515G	18.966M	5.735505G	5.75447G	500k	1
18.425M	5.735815G	5.75424G	18.891M	5.735555G	5.754445G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

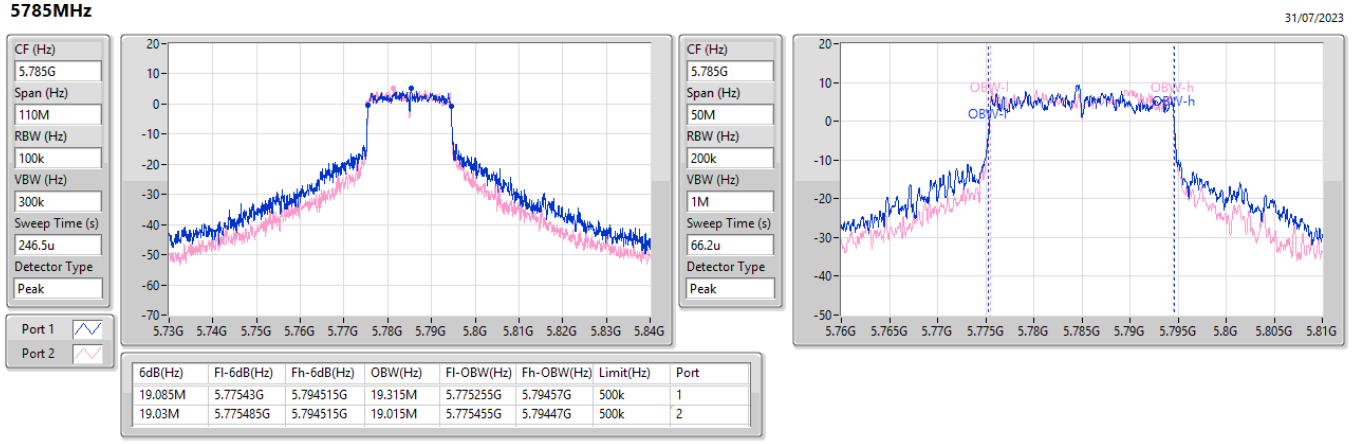
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.675M	5.73375G	5.756425G	Inf	1
21.6M	5.734625G	5.756225G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

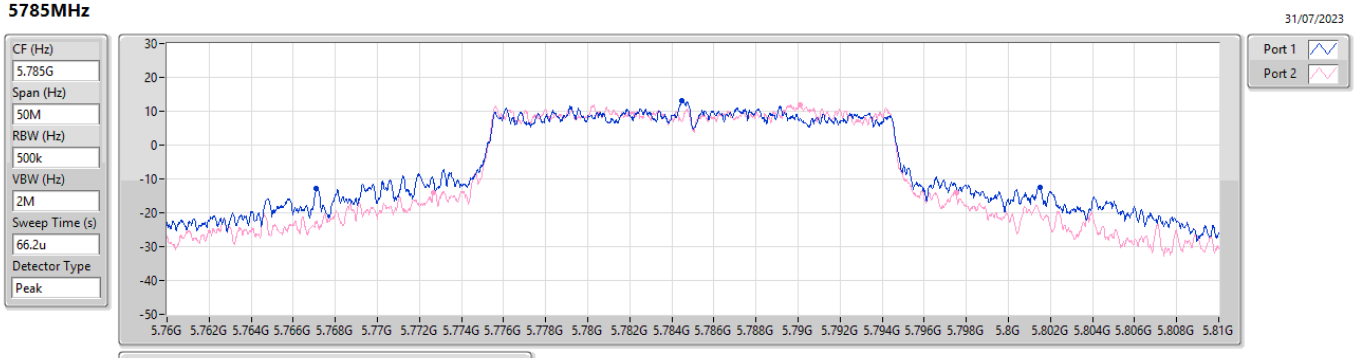
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.085M	5.77543G	5.794515G	19.315M	5.775255G	5.79457G	500k	1
19.03M	5.775485G	5.794515G	19.015M	5.775455G	5.79447G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

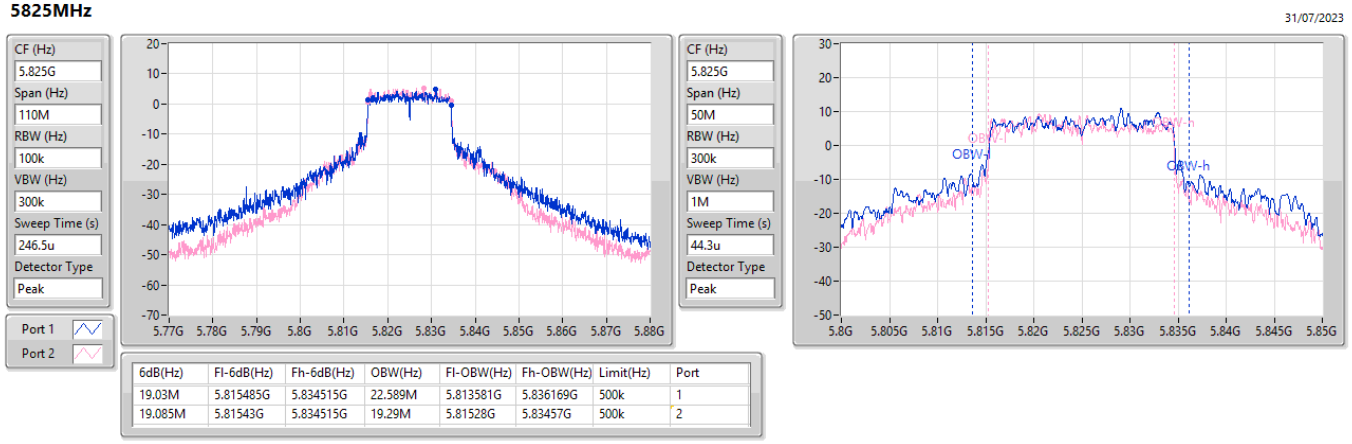
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
34.425M	5.7671G	5.801525G	Inf	1
24.85M	5.772675G	5.797525G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

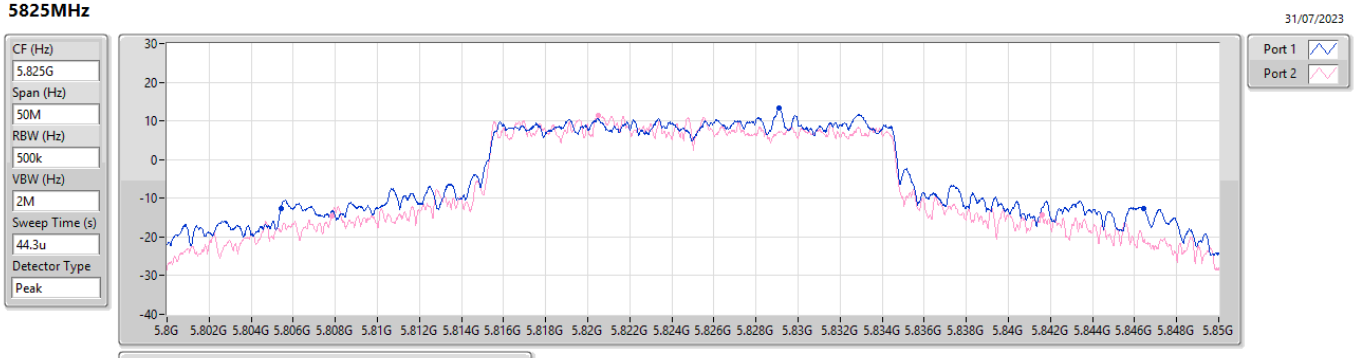
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	5.815485G	5.834515G	22.589M	5.813581G	5.836169G	500k	1
19.085M	5.81543G	5.834515G	19.29M	5.81528G	5.83457G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

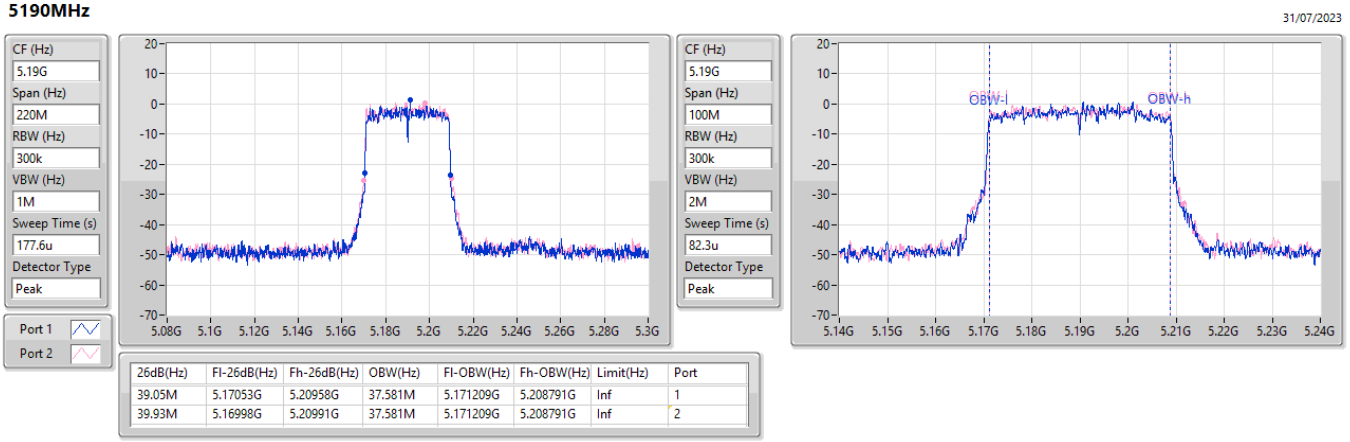
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.025M	5.805425G	5.84645G	Inf	1
33.75M	5.80785G	5.8416G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

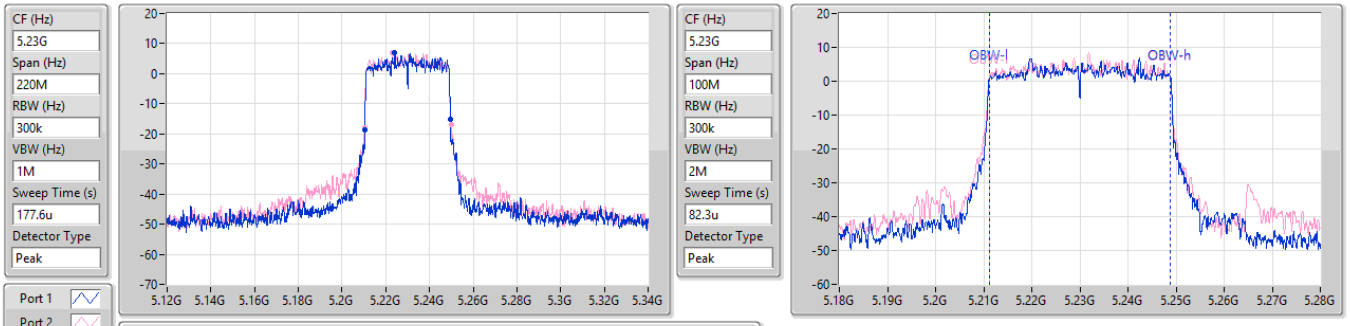
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.17053G	5.20958G	37.581M	5.171209G	5.208791G	Inf	1
39.93M	5.16998G	5.20991G	37.581M	5.171209G	5.208791G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

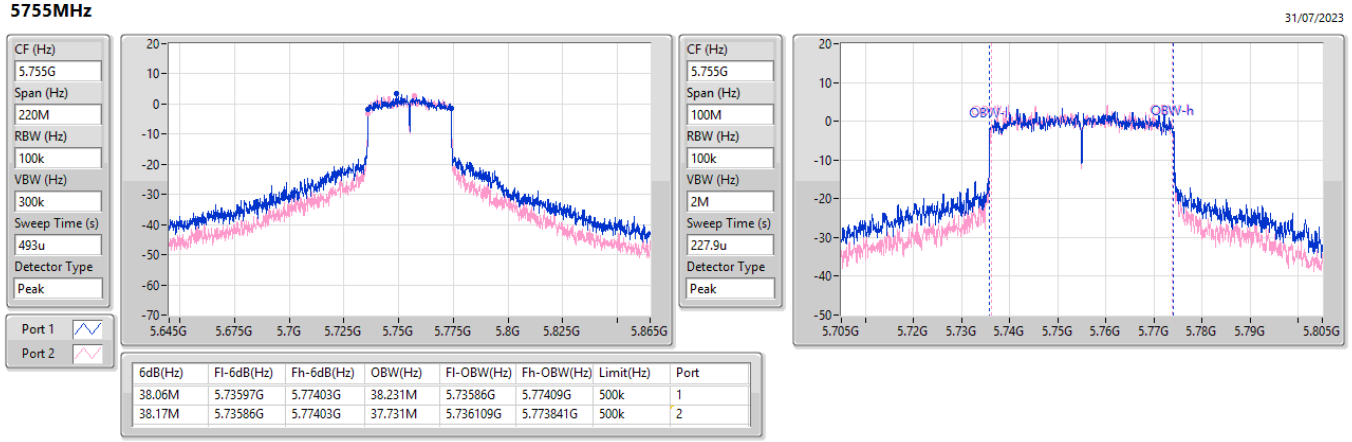
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.94M	5.21053G	5.24947G	37.631M	5.211209G	5.248841G	Inf	1
39.6M	5.21031G	5.24991G	37.531M	5.211209G	5.248741G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

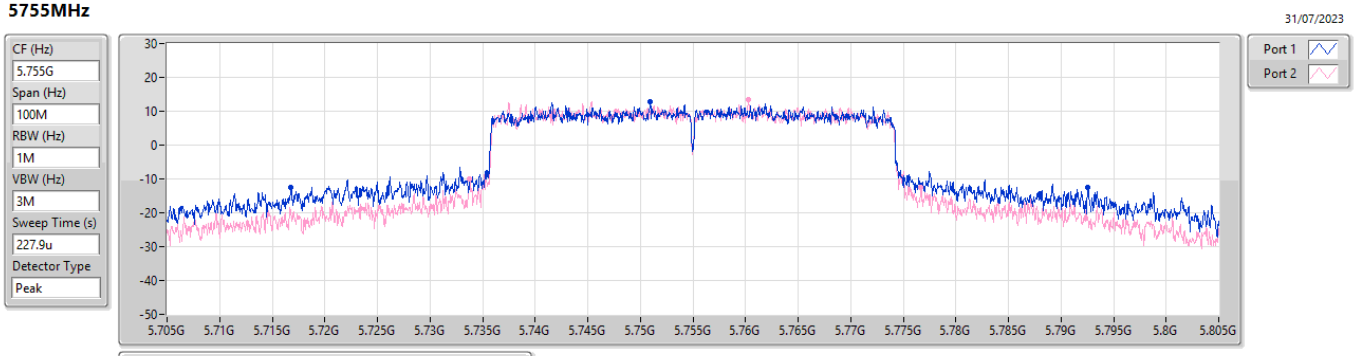
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.06M	5.73597G	5.77403G	38.231M	5.73586G	5.77409G	500k	1
38.17M	5.73586G	5.77403G	37.731M	5.736109G	5.773841G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

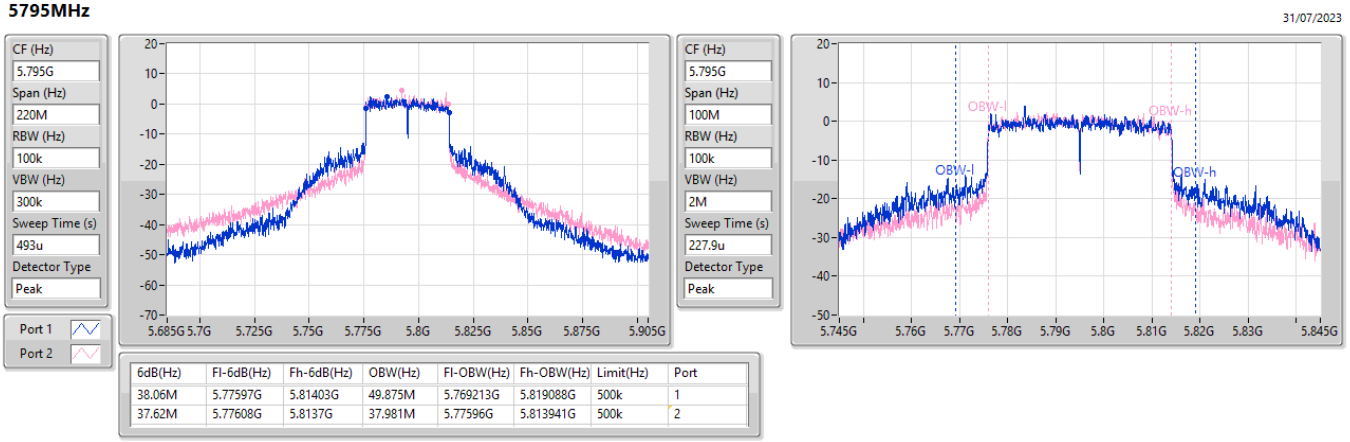
5755MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
75.75M	5.7168G	5.79255G	Inf	1
43M	5.7337G	5.7767G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

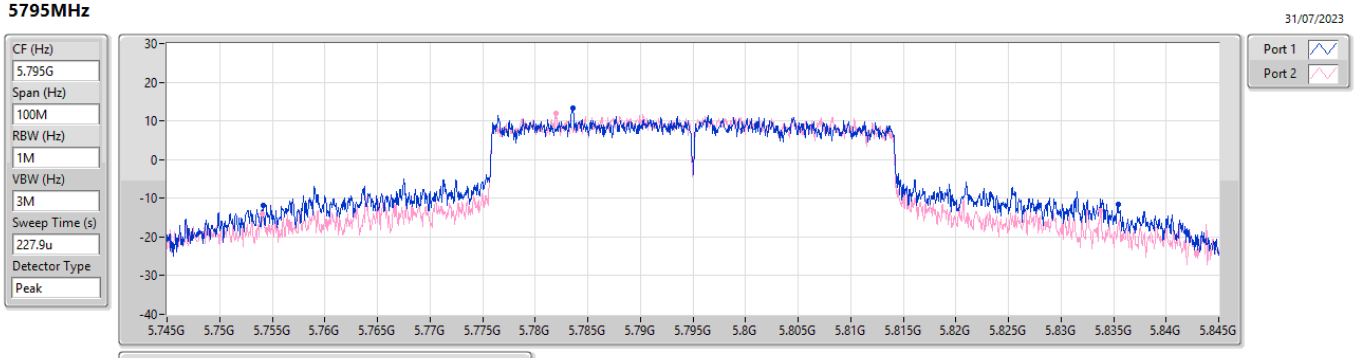
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.06M	5.77597G	5.81403G	49.875M	5.769213G	5.819088G	500k	1
37.62M	5.77608G	5.8137G	37.981M	5.77596G	5.813941G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5795MHz

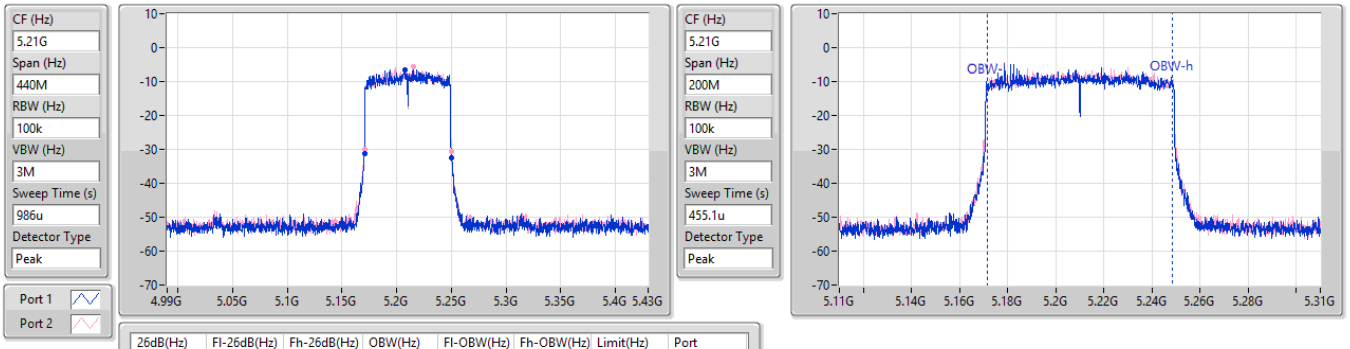


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
81.35M	5.7541G	5.83545G	Inf	1
79.7M	5.75405G	5.83375G	Inf	2

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5210MHz

31/07/2023

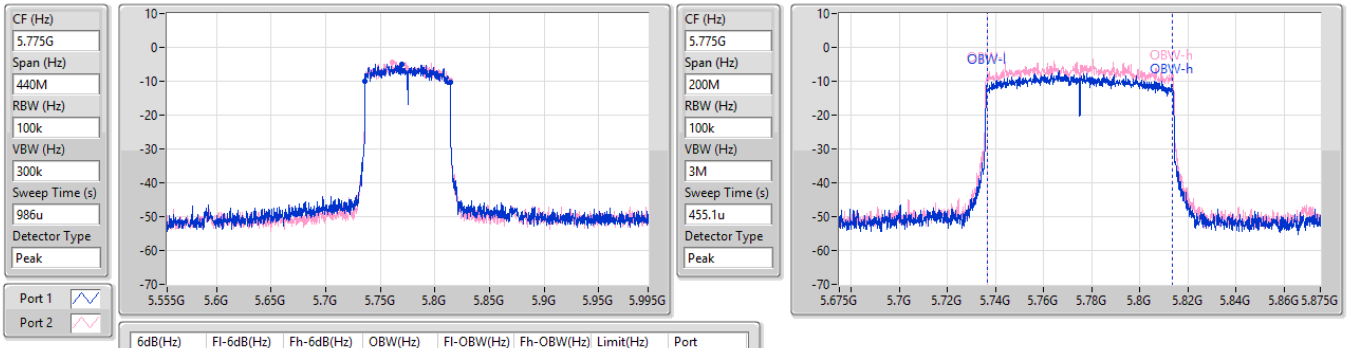


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.1704G	5.25048G	77.261M	5.171419G	5.248681G	Inf	1
79.64M	5.1704G	5.25004G	77.161M	5.171519G	5.248681G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5775MHz

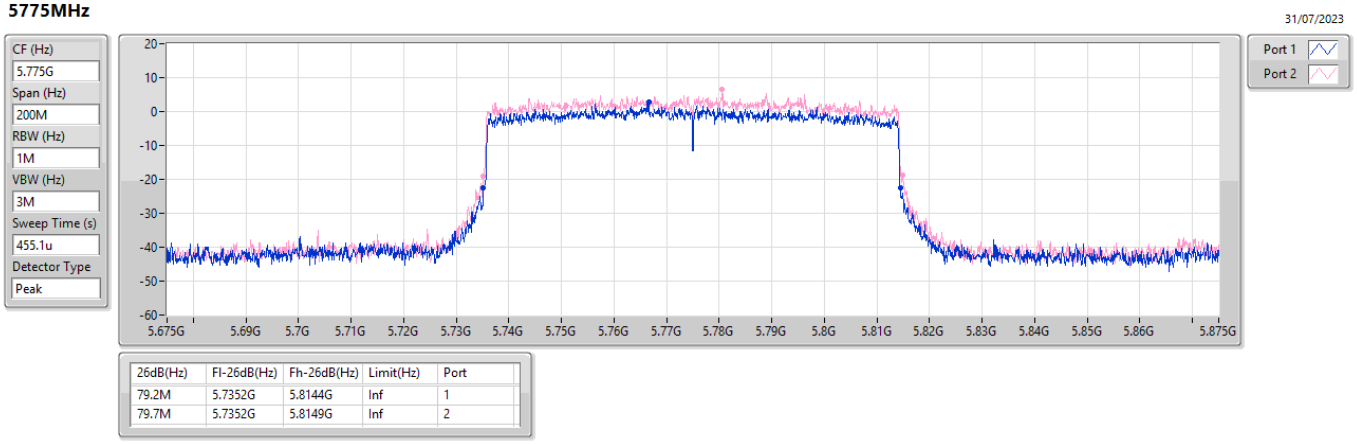
31/07/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.1M	5.73584G	5.81394G	76.862M	5.736519G	5.813381G	500k	1
78.1M	5.73584G	5.81394G	77.261M	5.736319G	5.813581G	500k	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
79.2M	5.7352G	5.8144G	Inf	1
79.7M	5.7352G	5.8149G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.49	0.28119
802.11ax HEW20_Nss1,(MCS0)_2TX	24.57	0.28642
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.57	0.28642
802.11ax HEW40_Nss1,(MCS0)_2TX	22.07	0.16106
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.07	0.16106
802.11ax HEW80_Nss1,(MCS0)_2TX	20.22	0.10520
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.22	0.10520
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.40	0.34674
802.11ax HEW20_Nss1,(MCS0)_2TX	25.27	0.33651
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.27	0.33651
802.11ax HEW40_Nss1,(MCS0)_2TX	24.03	0.25293
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.03	0.25293
802.11ax HEW80_Nss1,(MCS0)_2TX	19.91	0.09795
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.91	0.09795

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.88	18.70	18.95	21.84	30.00
5200MHz	Pass	2.88	21.18	21.63	24.42	30.00
5240MHz	Pass	2.88	21.32	21.63	24.49	30.00
5745MHz	Pass	3.85	22.34	22.44	25.40	30.00
5785MHz	Pass	3.85	21.43	22.63	25.08	30.00
5825MHz	Pass	3.85	21.49	22.11	24.82	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.88	18.03	18.47	21.27	30.00
5200MHz	Pass	2.88	20.54	21.29	23.94	30.00
5240MHz	Pass	2.88	21.32	21.78	24.57	30.00
5745MHz	Pass	3.85	22.28	22.23	25.27	30.00
5785MHz	Pass	3.85	21.57	22.73	25.20	30.00
5825MHz	Pass	3.85	21.61	22.24	24.95	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.88	17.41	18.16	20.81	30.00
5230MHz	Pass	2.88	18.74	19.35	22.07	30.00
5755MHz	Pass	3.85	20.96	21.07	24.03	30.00
5795MHz	Pass	3.85	20.47	21.01	23.76	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.88	16.97	17.44	20.22	30.00
5775MHz	Pass	3.85	16.79	17.00	19.91	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.56	18.03	18.47	21.27	30.00
5200MHz	Pass	5.56	20.54	21.29	23.94	30.00
5240MHz	Pass	5.56	21.32	21.78	24.57	30.00
5745MHz	Pass	6.80	22.28	22.23	25.27	29.20
5785MHz	Pass	6.80	21.57	22.73	25.20	29.20
5825MHz	Pass	6.80	21.61	22.24	24.95	29.20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.56	17.41	18.16	20.81	30.00
5230MHz	Pass	5.56	18.74	19.35	22.07	30.00
5755MHz	Pass	6.80	20.96	21.07	24.03	29.20
5795MHz	Pass	6.80	20.47	21.01	23.76	29.20
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.56	16.97	17.44	20.22	30.00
5775MHz	Pass	6.80	16.79	17.00	19.91	29.20

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.00	0.15849
802.11ax HEW20_Nss1,(MCS0)_2TX	22.21	0.16634
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.21	0.16634
802.11ax HEW40_Nss1,(MCS0)_2TX	21.60	0.14454
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.60	0.14454
802.11ax HEW80_Nss1,(MCS0)_2TX	16.95	0.04955
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.95	0.04955
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.37	0.17258
802.11ax HEW20_Nss1,(MCS0)_2TX	22.46	0.17620
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.46	0.17620
802.11ax HEW40_Nss1,(MCS0)_2TX	22.40	0.17378
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.40	0.17378
802.11ax HEW80_Nss1,(MCS0)_2TX	19.01	0.07962
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.01	0.07962

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	13.55	15.64	16.08	18.88	22.45
5200MHz	Pass	13.55	18.76	19.15	21.97	22.45
5240MHz	Pass	13.55	19.01	18.96	22.00	22.45
5745MHz	Pass	13.42	19.29	19.26	22.29	22.58
5785MHz	Pass	13.42	19.39	19.33	22.37	22.58
5825MHz	Pass	13.42	18.87	19.44	22.17	22.58
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	13.55	15.90	16.49	19.22	22.45
5200MHz	Pass	13.55	18.53	19.15	21.86	22.45
5240MHz	Pass	13.55	19.07	19.33	22.21	22.45
5745MHz	Pass	13.42	19.37	19.25	22.32	22.58
5785MHz	Pass	13.42	19.62	19.28	22.46	22.58
5825MHz	Pass	13.42	19.13	19.60	22.38	22.58
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	13.55	12.41	13.03	15.74	22.45
5230MHz	Pass	13.55	18.29	18.87	21.60	22.45
5755MHz	Pass	13.42	19.55	19.22	22.40	22.58
5795MHz	Pass	13.42	19.37	19.12	22.26	22.58
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	13.55	13.77	14.11	16.95	22.45
5775MHz	Pass	13.42	15.83	16.16	19.01	22.58
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	13.55	15.90	16.49	19.22	22.45
5200MHz	Pass	13.55	18.53	19.15	21.86	22.45
5240MHz	Pass	13.55	19.07	19.33	22.21	22.45
5745MHz	Pass	13.42	19.37	19.25	22.32	22.58
5785MHz	Pass	13.42	19.62	19.28	22.46	22.58
5825MHz	Pass	13.42	19.13	19.60	22.38	22.58
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	13.55	12.41	13.03	15.74	22.45
5230MHz	Pass	13.55	18.29	18.87	21.60	22.45
5755MHz	Pass	13.42	19.55	19.22	22.40	22.58
5795MHz	Pass	13.42	19.37	19.12	22.26	22.58
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	13.55	13.77	14.11	16.95	22.45
5775MHz	Pass	13.42	15.83	16.16	19.01	22.58

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.80
802.11ax HEW20_Nss1,(MCS0)_2TX	11.22
802.11ax HEW40_Nss1,(MCS0)_2TX	5.90
802.11ax HEW80_Nss1,(MCS0)_2TX	1.79
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.00
802.11ax HEW20_Nss1,(MCS0)_2TX	10.30
802.11ax HEW40_Nss1,(MCS0)_2TX	6.28
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.38

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

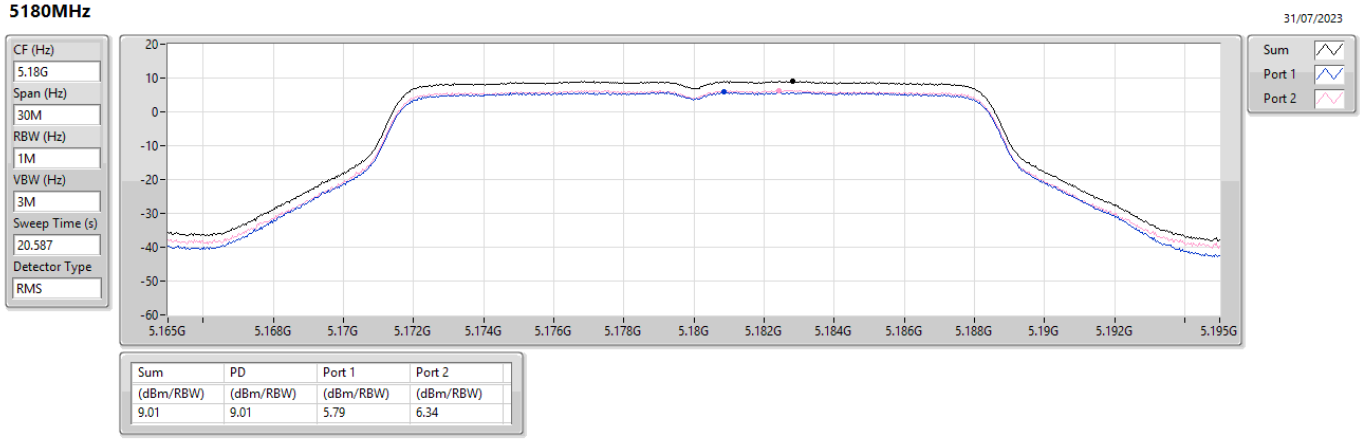
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.56	5.79	6.34	9.01	17.00
5200MHz	Pass	5.56	8.55	9.19	11.77	17.00
5240MHz	Pass	5.56	8.66	9.13	11.80	17.00
5745MHz	Pass	6.80	8.05	8.20	11.00	29.20
5785MHz	Pass	6.80	7.16	8.37	10.62	29.20
5825MHz	Pass	6.80	7.13	7.60	10.26	29.20
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.56	4.68	5.34	7.93	17.00
5200MHz	Pass	5.56	7.26	7.98	10.59	17.00
5240MHz	Pass	5.56	8.00	8.54	11.22	17.00
5745MHz	Pass	6.80	7.47	7.30	10.30	29.20
5785MHz	Pass	6.80	6.43	7.93	10.23	29.20
5825MHz	Pass	6.80	6.65	7.48	9.77	29.20
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.56	1.40	2.22	4.65	17.00
5230MHz	Pass	5.56	2.64	3.28	5.90	17.00
5755MHz	Pass	6.80	3.63	3.68	6.28	29.20
5795MHz	Pass	6.80	2.74	3.34	5.94	29.20
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.56	-1.36	-0.91	1.79	17.00
5775MHz	Pass	6.80	-3.24	-3.34	-0.38	29.20

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)_2TX **PSD**

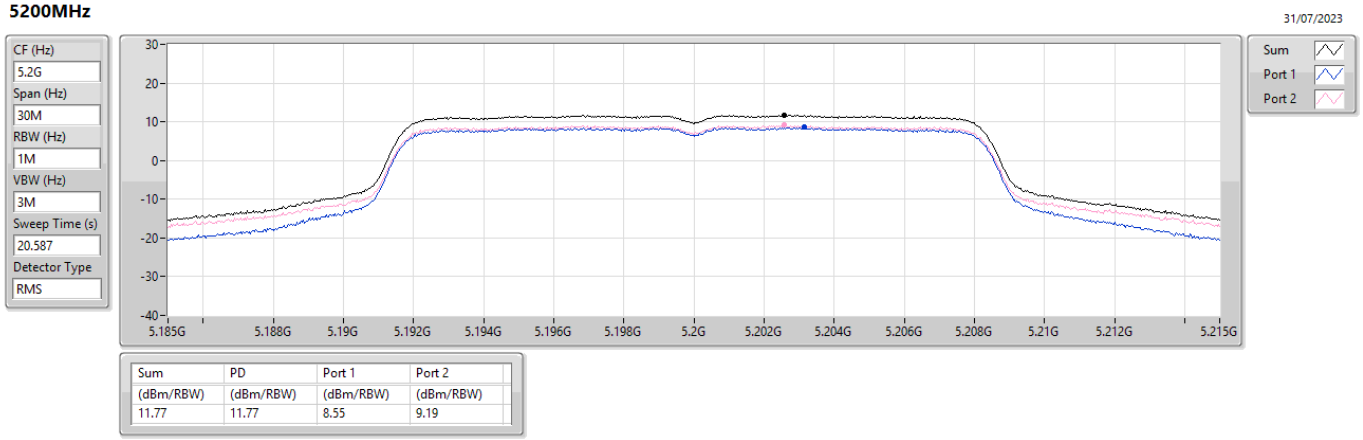
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.01	9.01	5.79	6.34

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

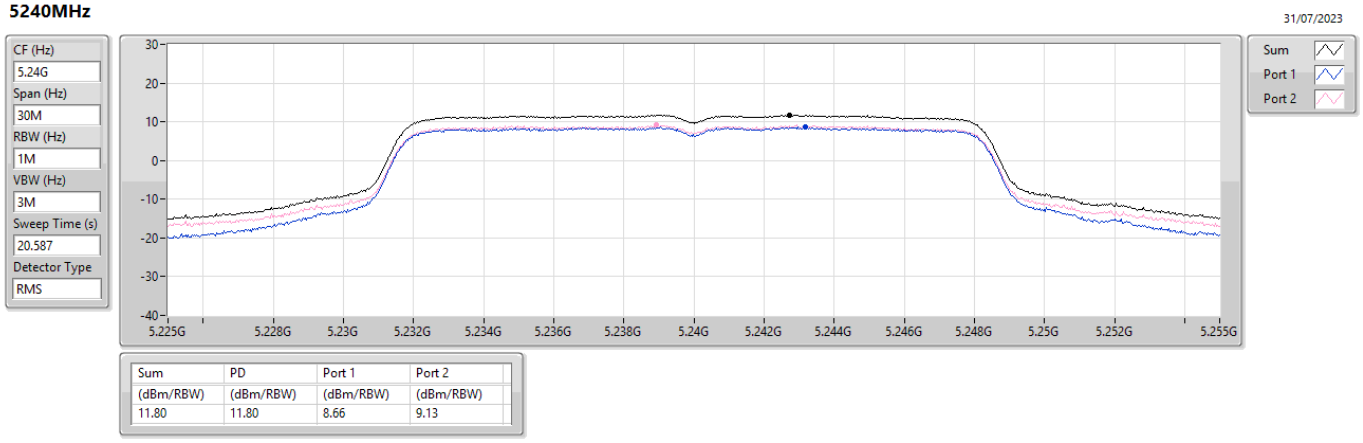
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.77	11.77	8.55	9.19

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

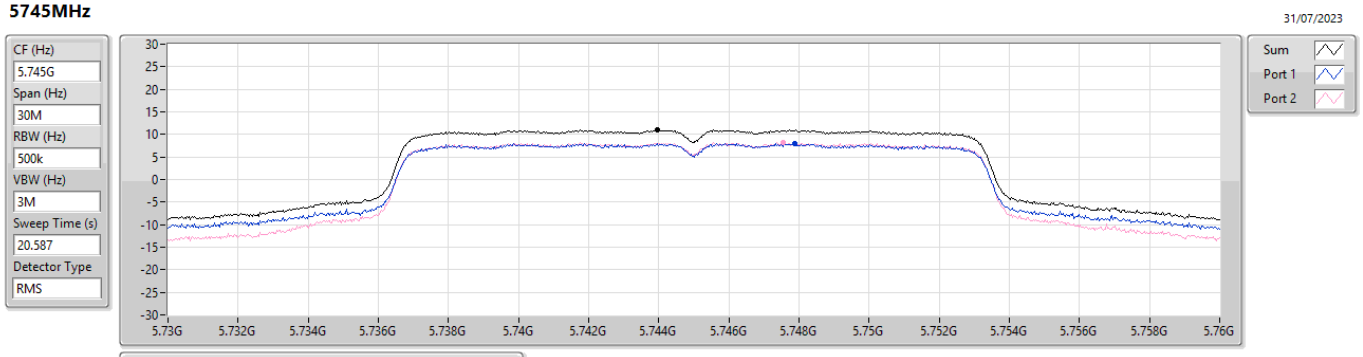
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.80	11.80	8.66	9.13

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

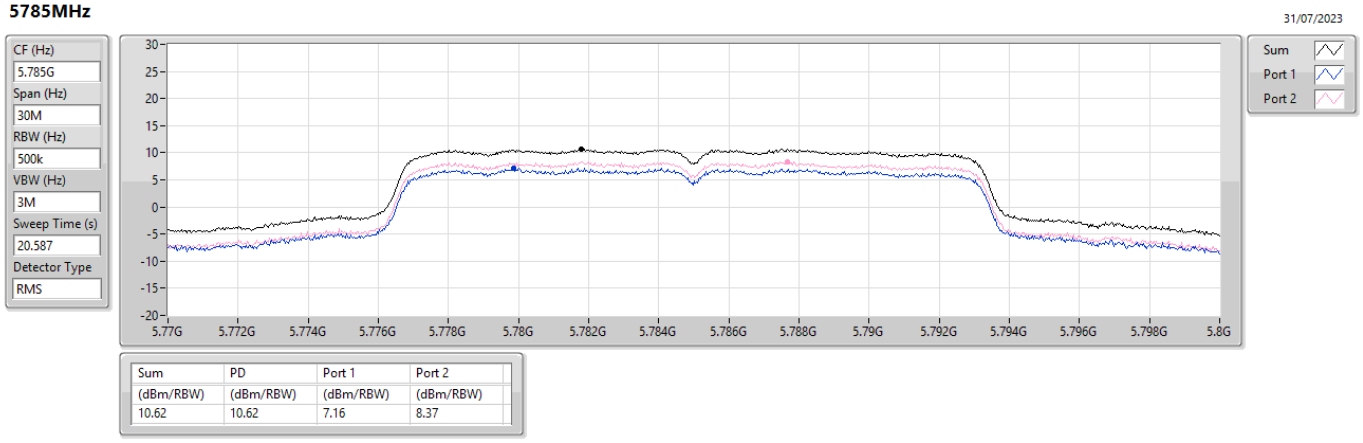
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	8.05	8.20

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

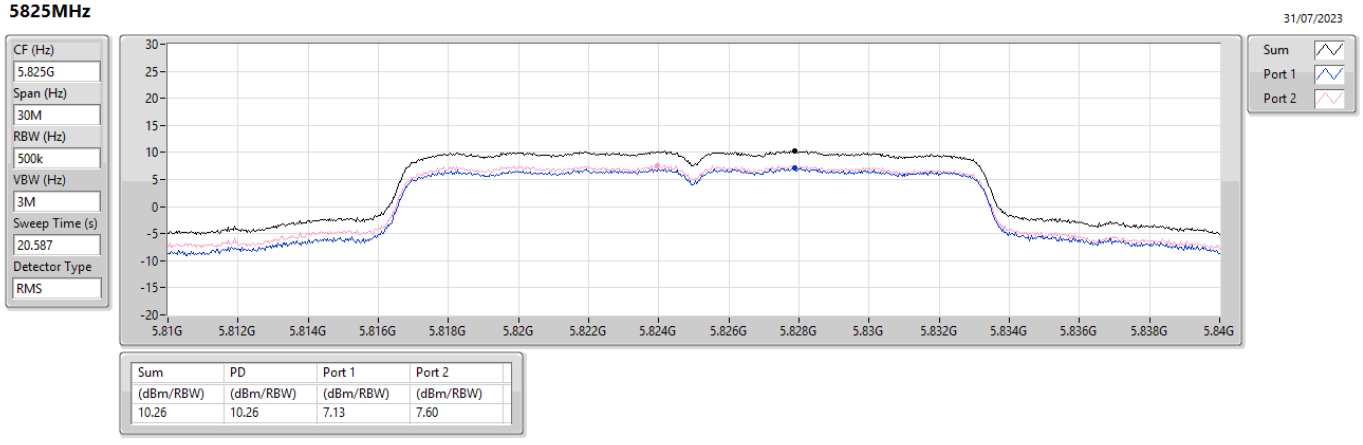
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	7.16	8.37

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

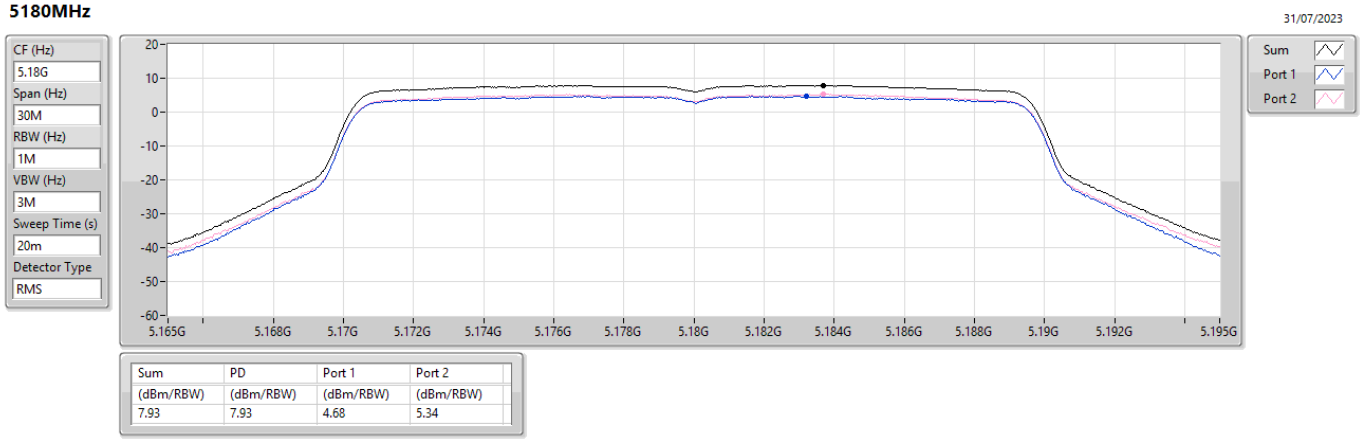
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	7.13	7.60

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

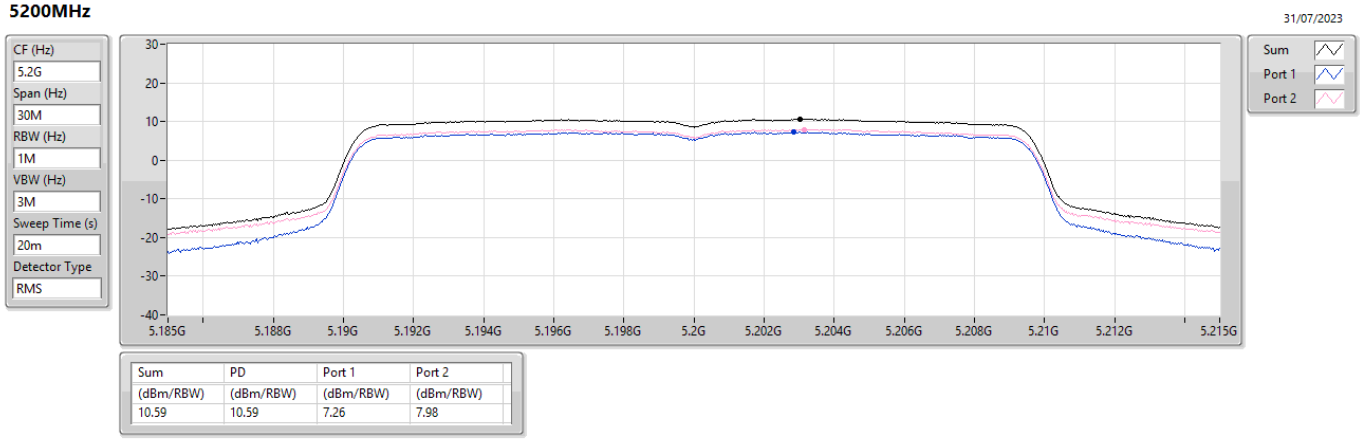
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	4.68	5.34

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

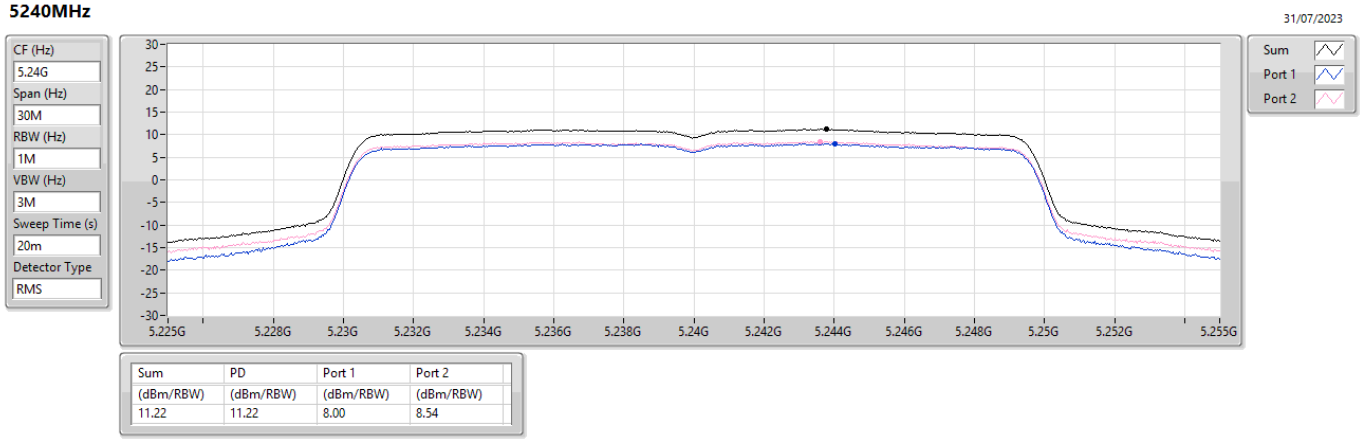
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	7.26	7.98

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

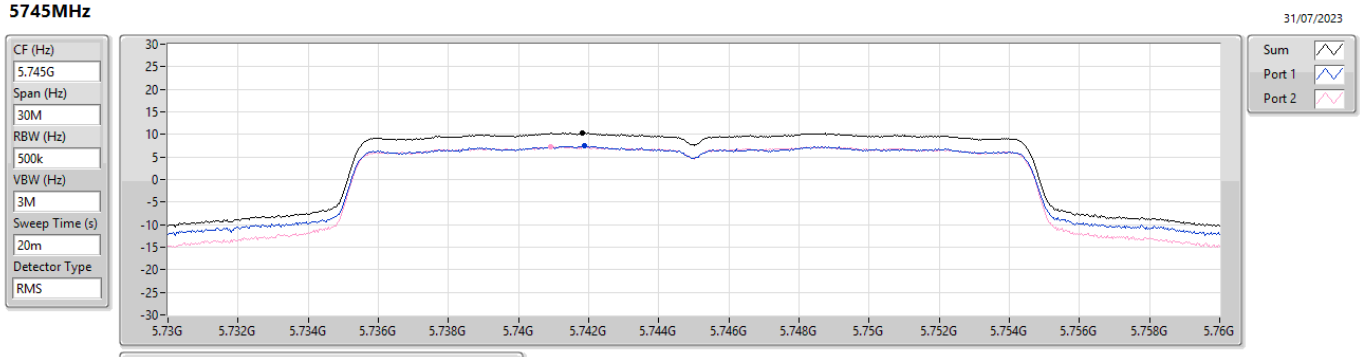
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.22	11.22	8.00	8.54

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

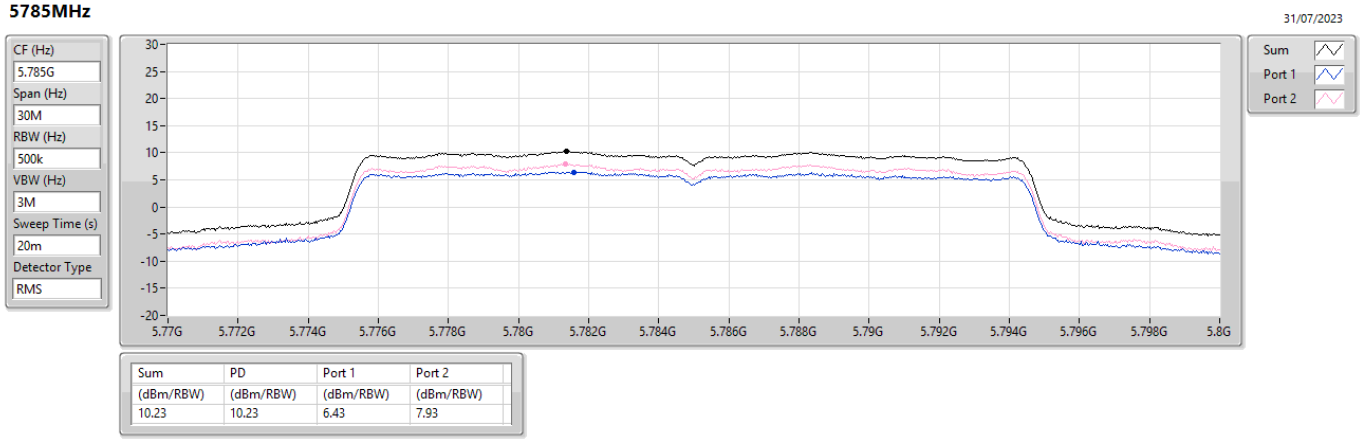
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	7.47	7.30

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

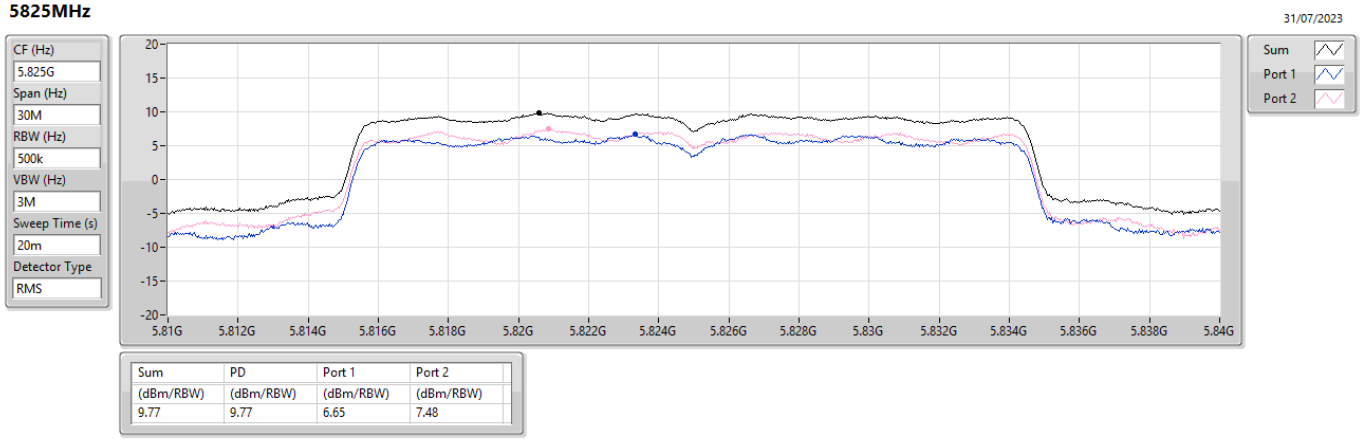
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	6.43	7.93

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

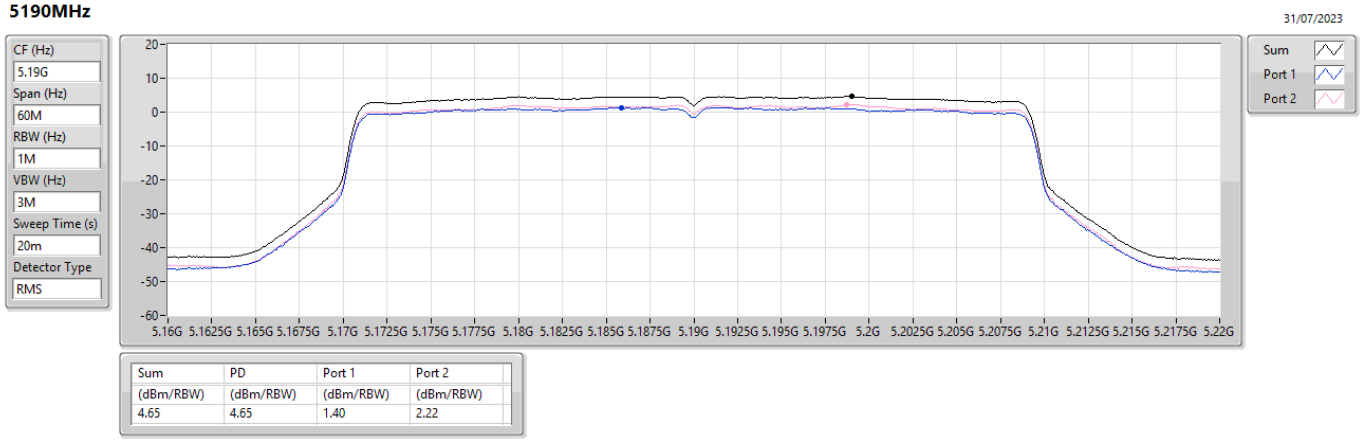
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	6.65	7.48

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

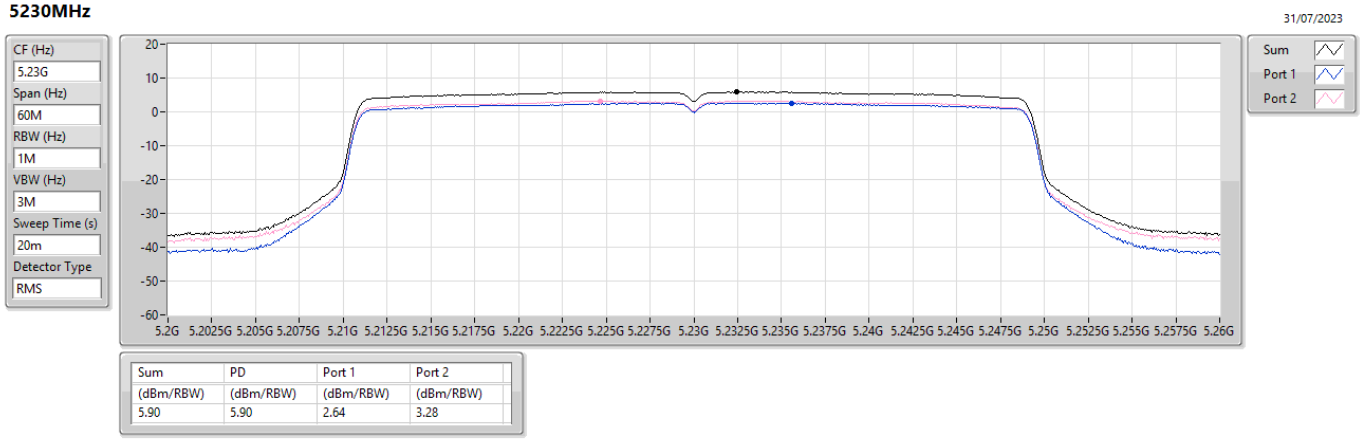
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	1.40	2.22

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

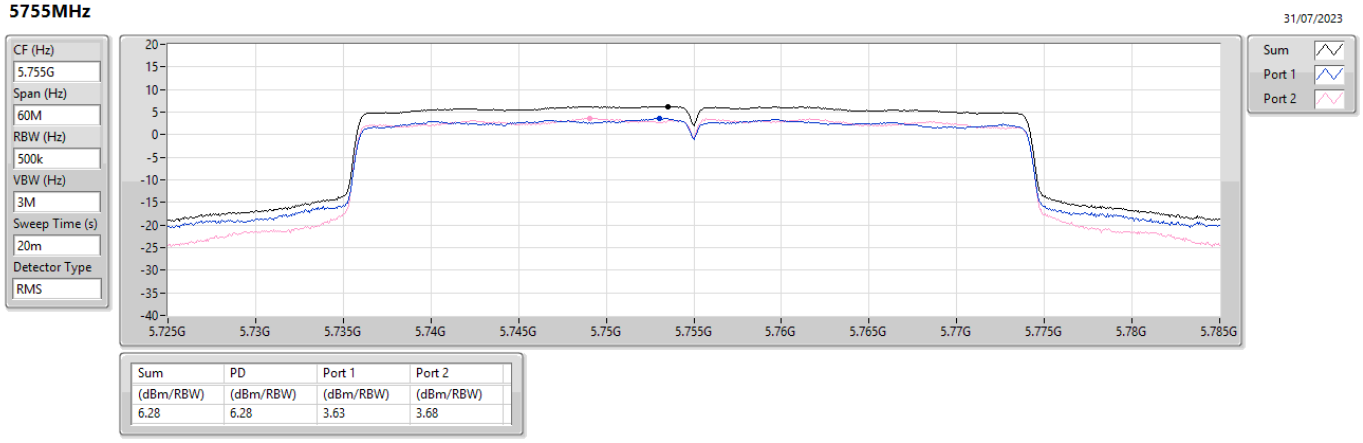
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.90	5.90	2.64	3.28

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX PSD

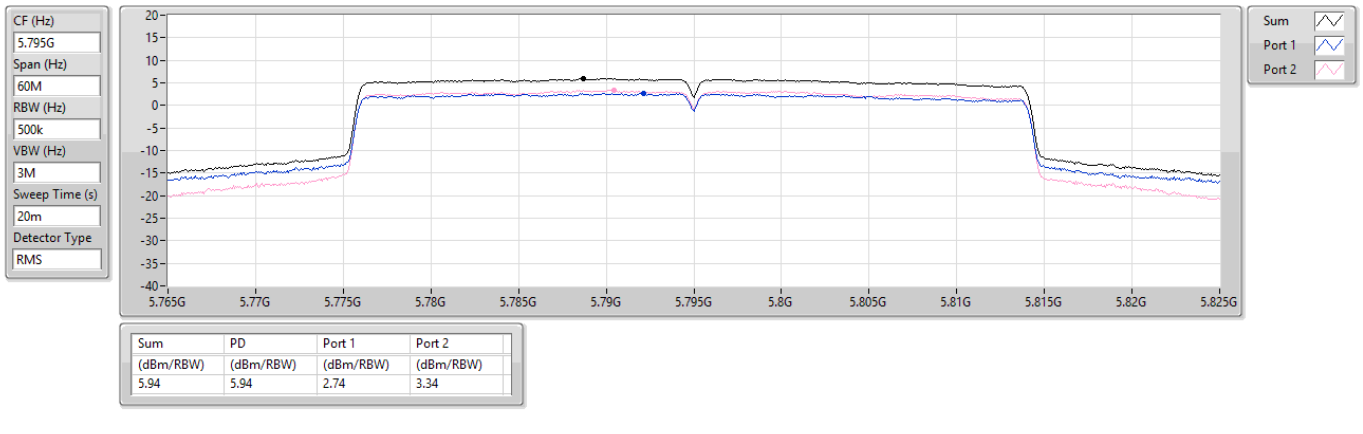
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.28	6.28	3.63	3.68

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX PSD

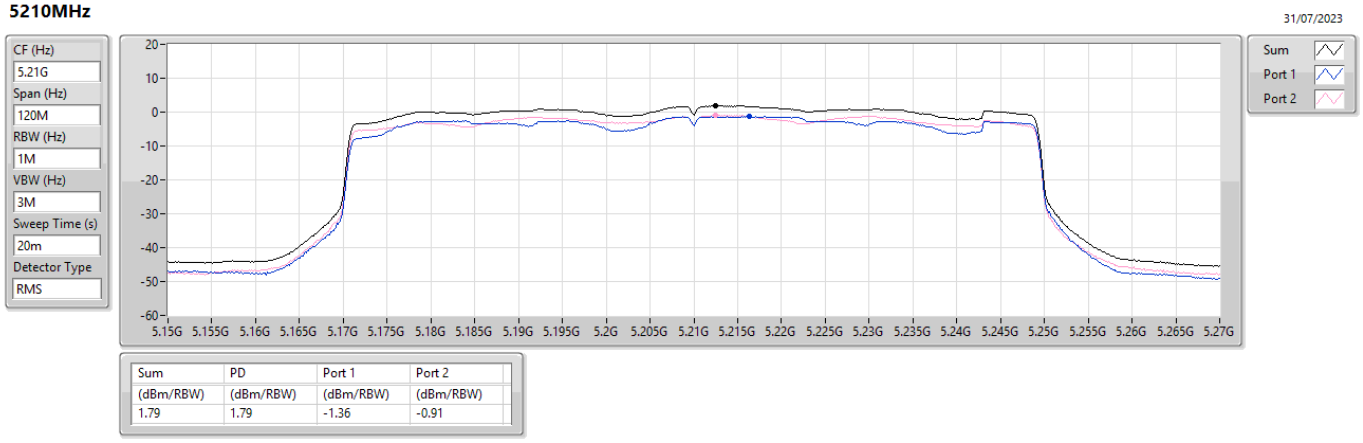
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	2.74	3.34

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

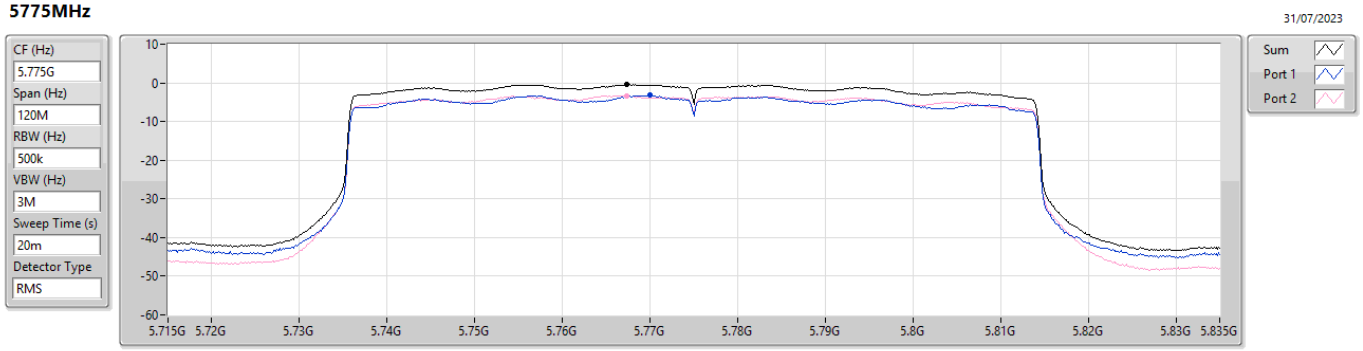
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.79	1.79	-1.36	-0.91

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.38	-0.38	-3.24	-3.34

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.40
802.11ax HEW20_Nss1,(MCS0)_2TX	9.04
802.11ax HEW40_Nss1,(MCS0)_2TX	5.50
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.58
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.16
802.11ax HEW20_Nss1,(MCS0)_2TX	7.61
802.11ax HEW40_Nss1,(MCS0)_2TX	4.97
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.32

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

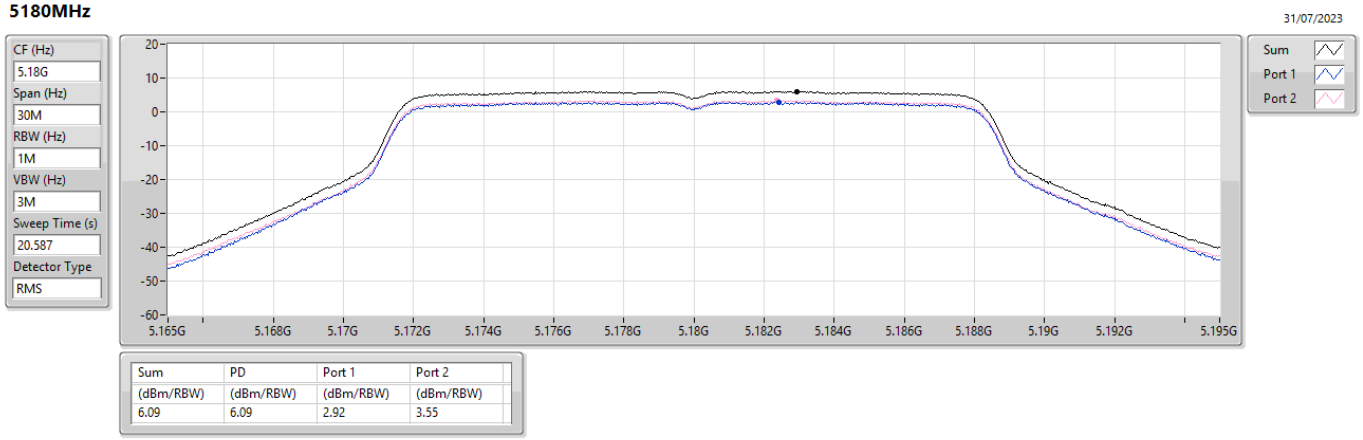
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	13.55	2.92	3.55	6.09	9.45
5200MHz	Pass	13.55	6.21	6.70	9.39	9.45
5240MHz	Pass	13.55	6.36	6.60	9.40	9.45
5745MHz	Pass	13.42	5.26	5.23	8.11	22.58
5785MHz	Pass	13.42	5.22	5.28	8.16	22.58
5825MHz	Pass	13.42	4.73	5.41	8.00	22.58
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	13.55	2.80	3.27	5.99	9.45
5200MHz	Pass	13.55	5.27	6.17	8.65	9.45
5240MHz	Pass	13.55	5.91	6.30	9.04	9.45
5745MHz	Pass	13.42	4.66	4.57	7.56	22.58
5785MHz	Pass	13.42	4.78	4.55	7.61	22.58
5825MHz	Pass	13.42	4.38	4.95	7.55	22.58
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	13.55	-3.89	-3.24	-0.56	9.45
5230MHz	Pass	13.55	2.21	2.80	5.50	9.45
5755MHz	Pass	13.42	2.12	2.03	4.97	22.58
5795MHz	Pass	13.42	1.60	1.29	4.39	22.58
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	13.55	-4.50	-4.40	-1.58	9.45
5775MHz	Pass	13.42	-4.22	-3.75	-1.32	22.58

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)_2TX **PSD**

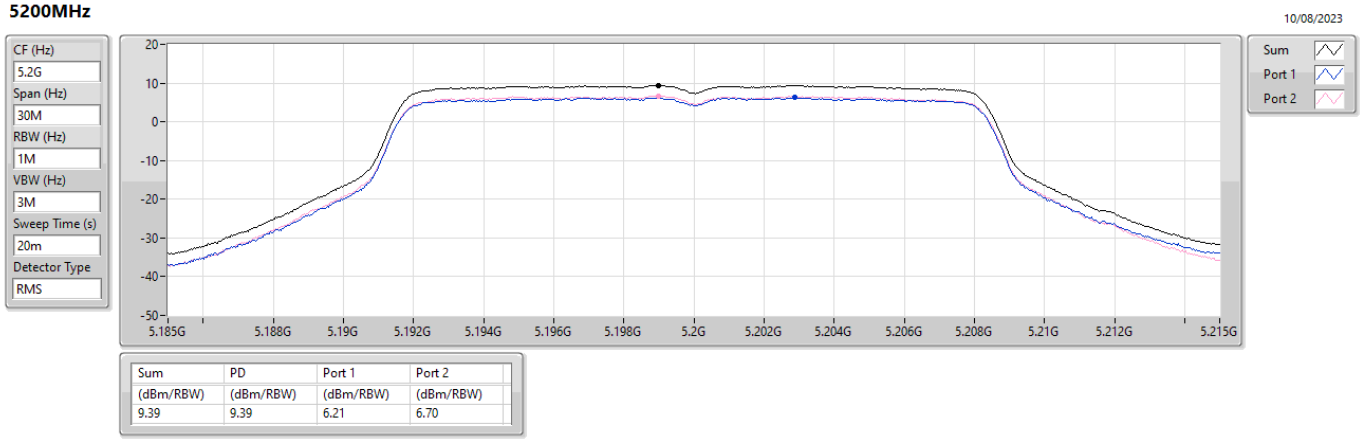
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	2.92	3.55

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

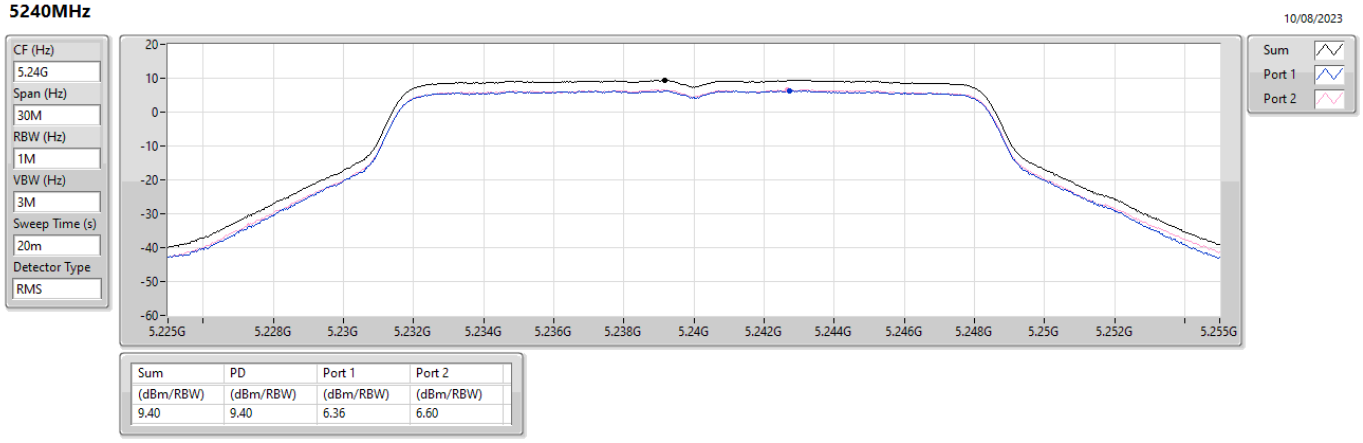
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.39	9.39	6.21	6.70

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

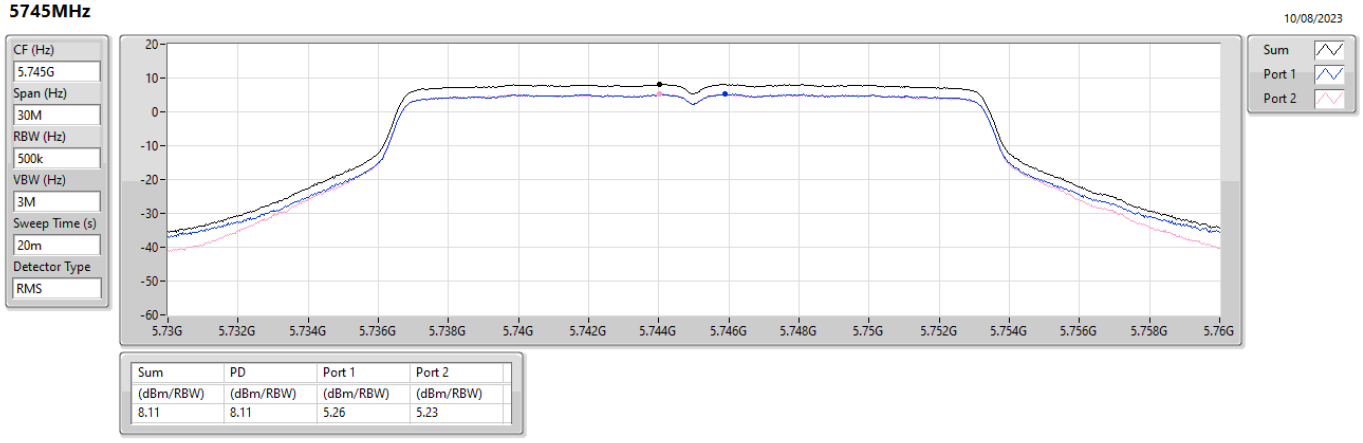
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.40	9.40	6.36	6.60

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

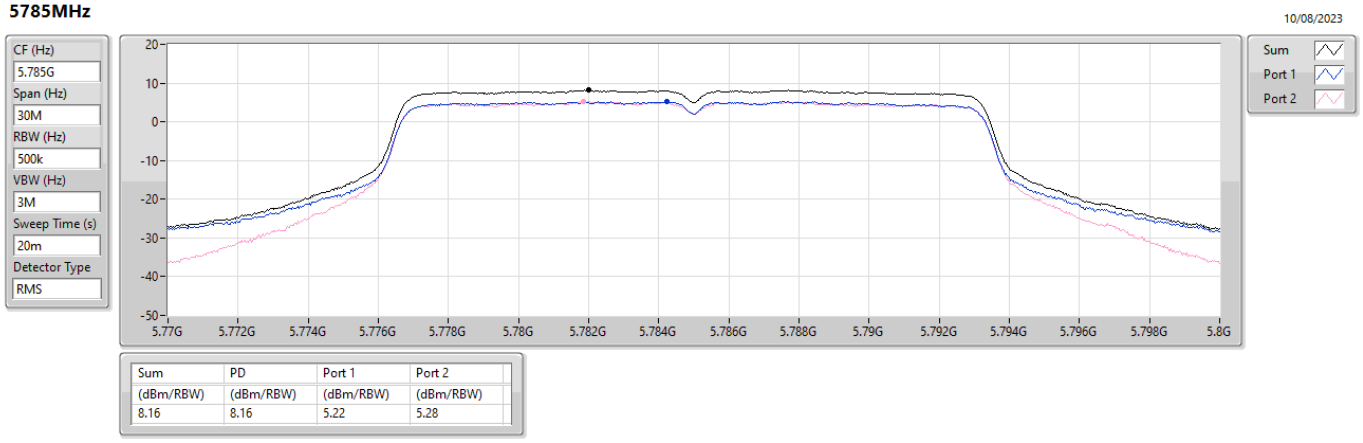
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	5.26	5.23

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

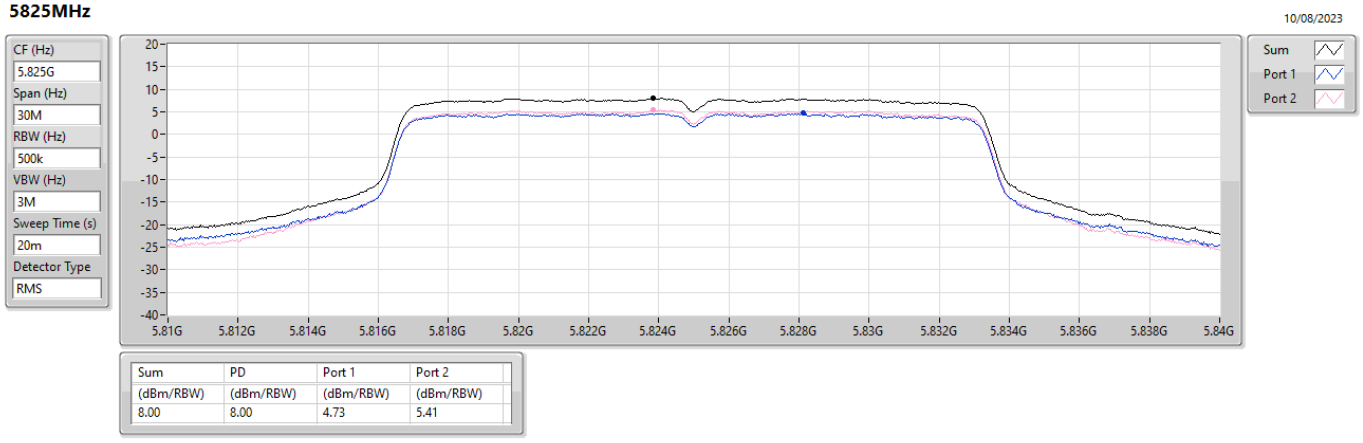
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.16	8.16	5.22	5.28

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

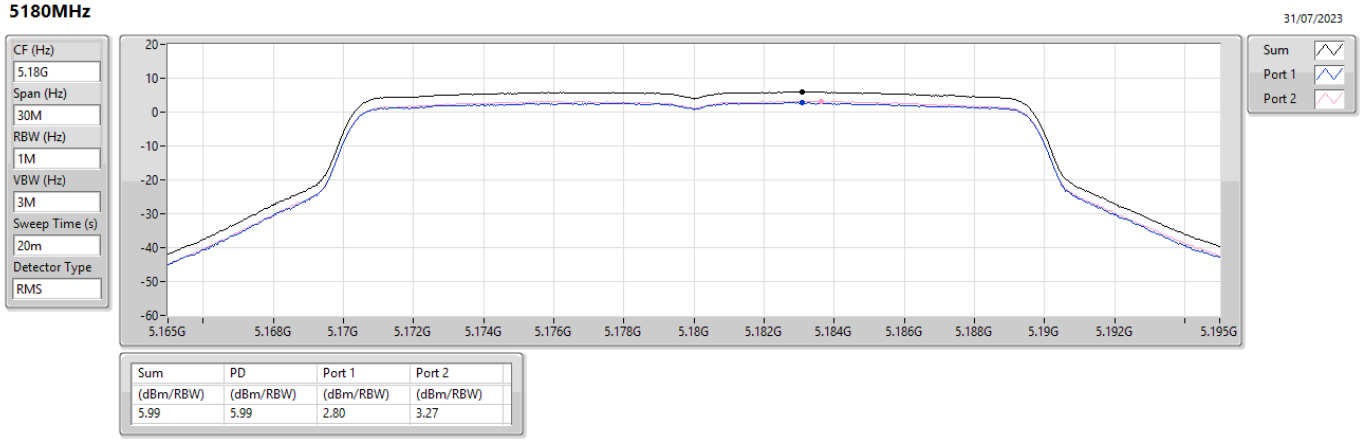
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	4.73	5.41

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

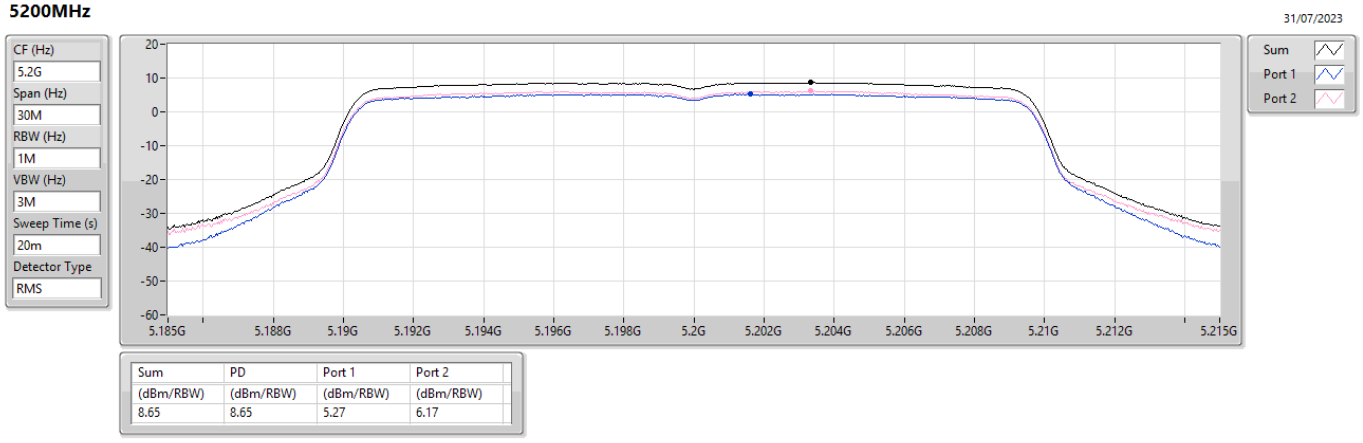
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	2.80	3.27

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

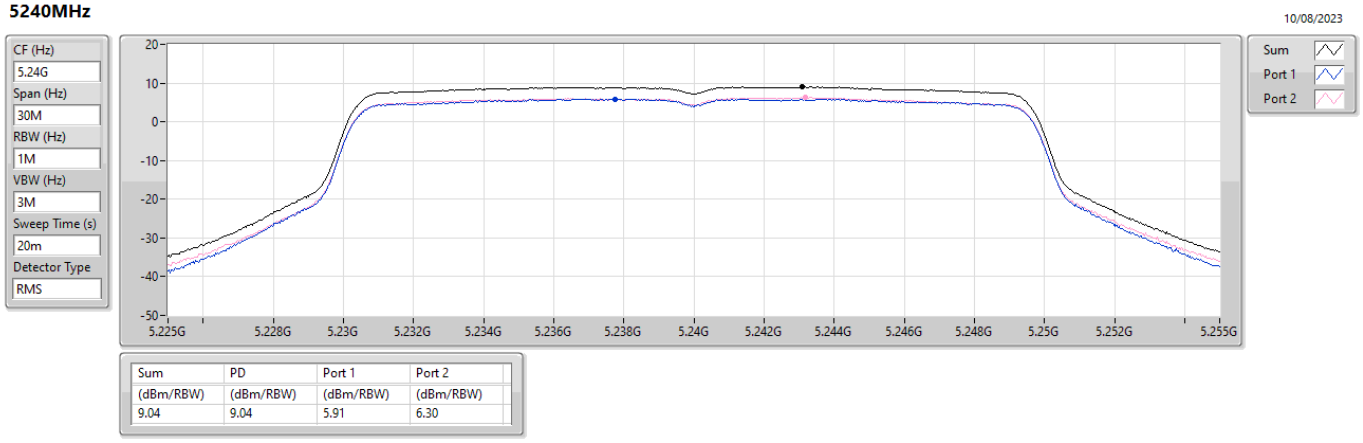
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	5.27	6.17

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

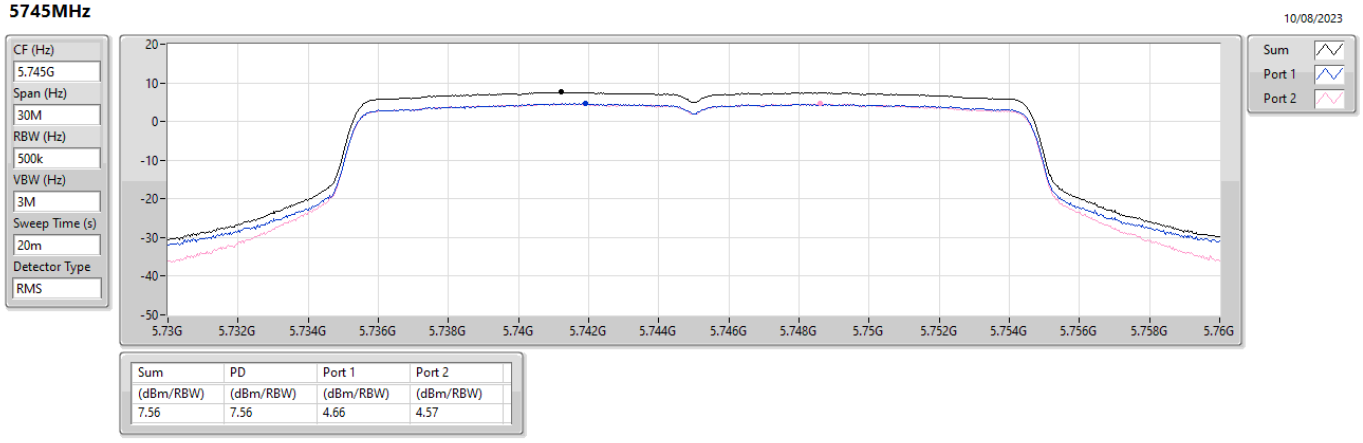
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	5.91	6.30

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

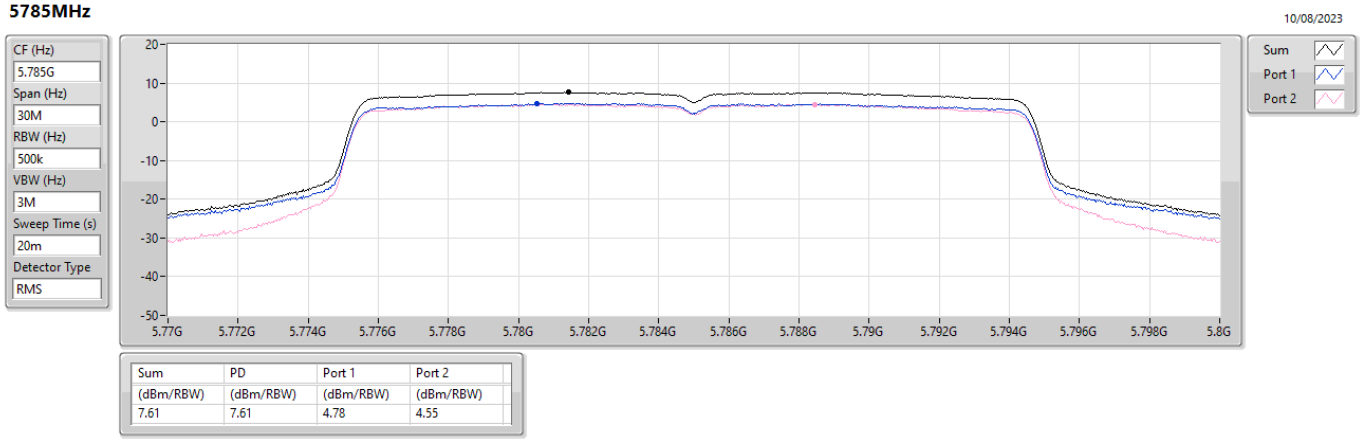
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	4.66	4.57

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

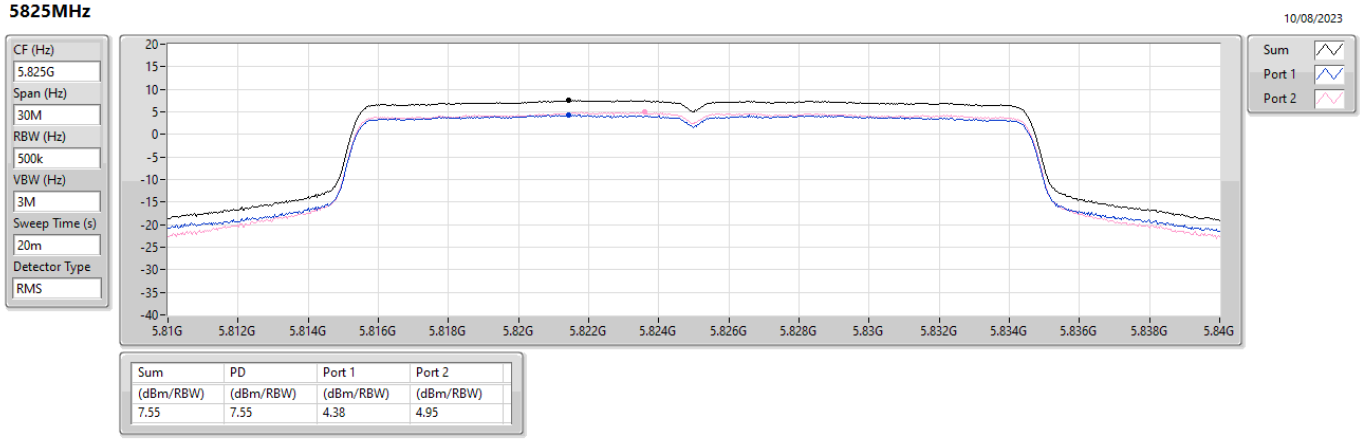
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	4.78	4.55

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

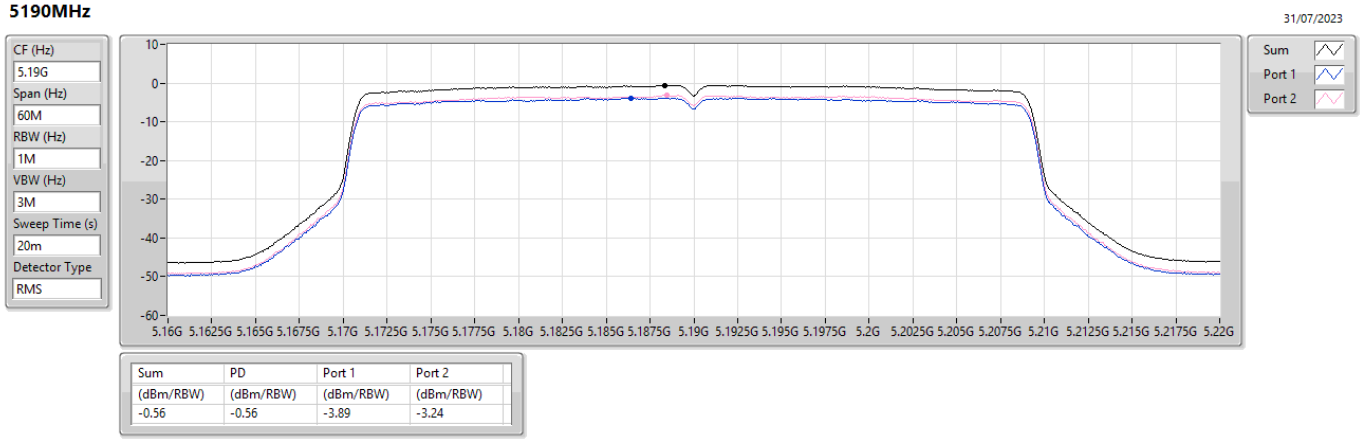
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	4.38	4.95

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

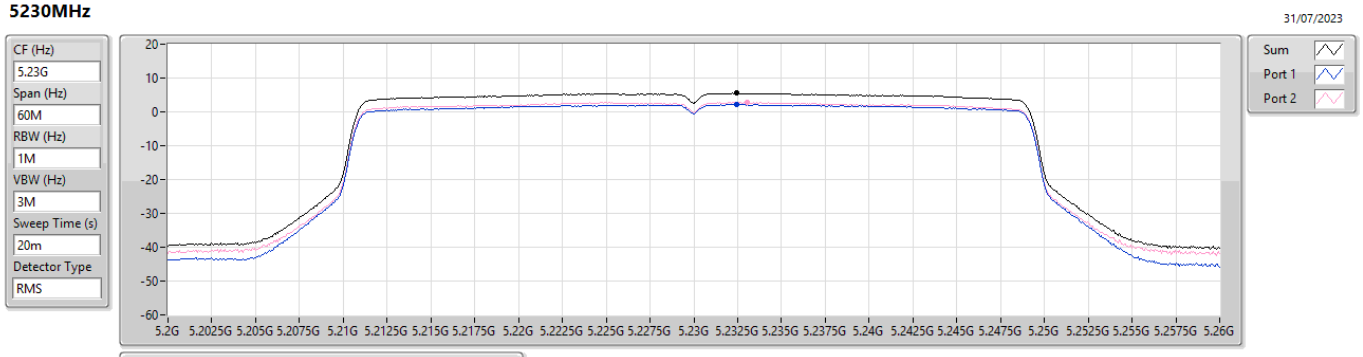
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.56	-0.56	-3.89	-3.24

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

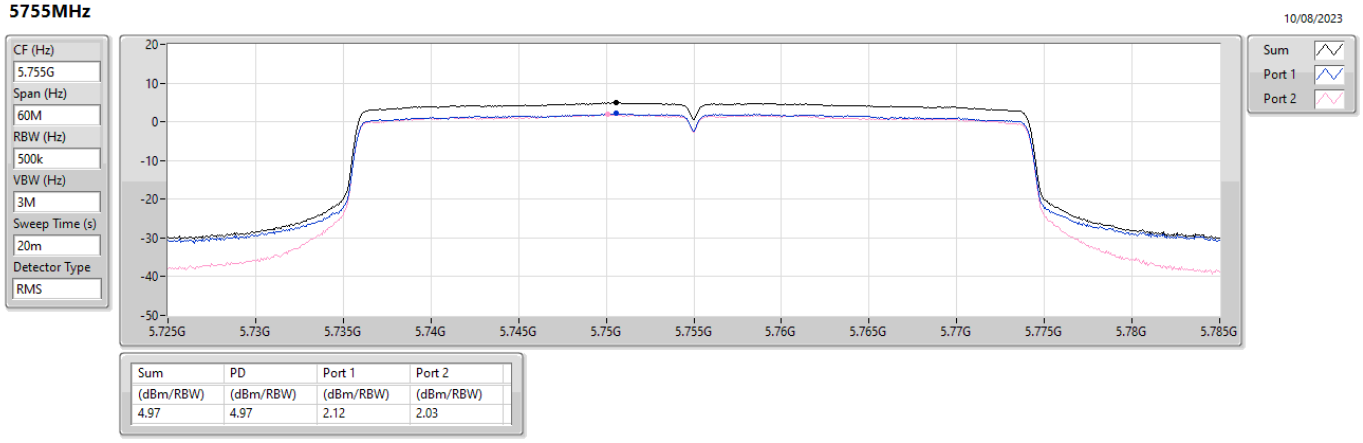
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	2.21	2.80

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

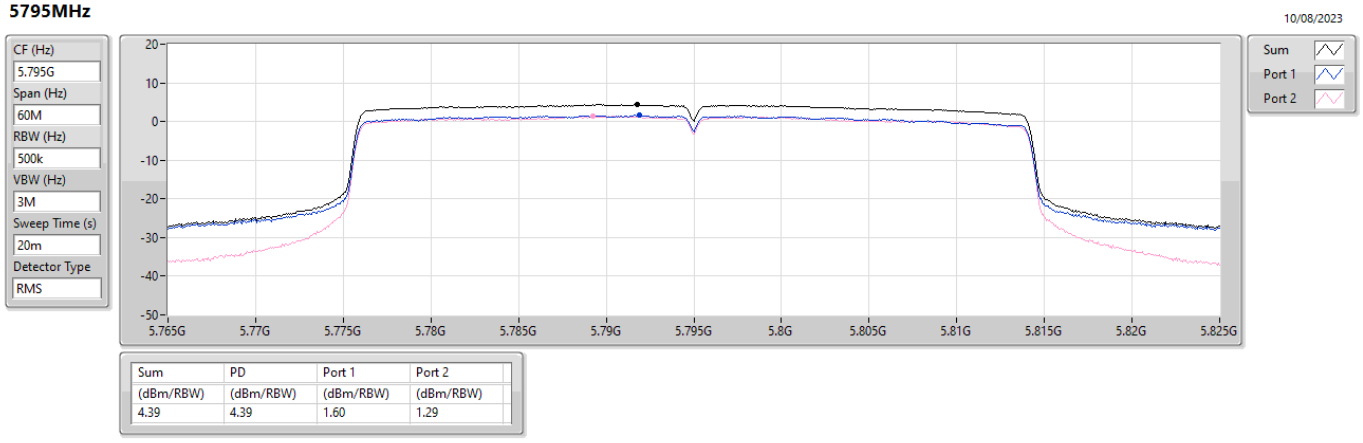
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	2.12	2.03

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

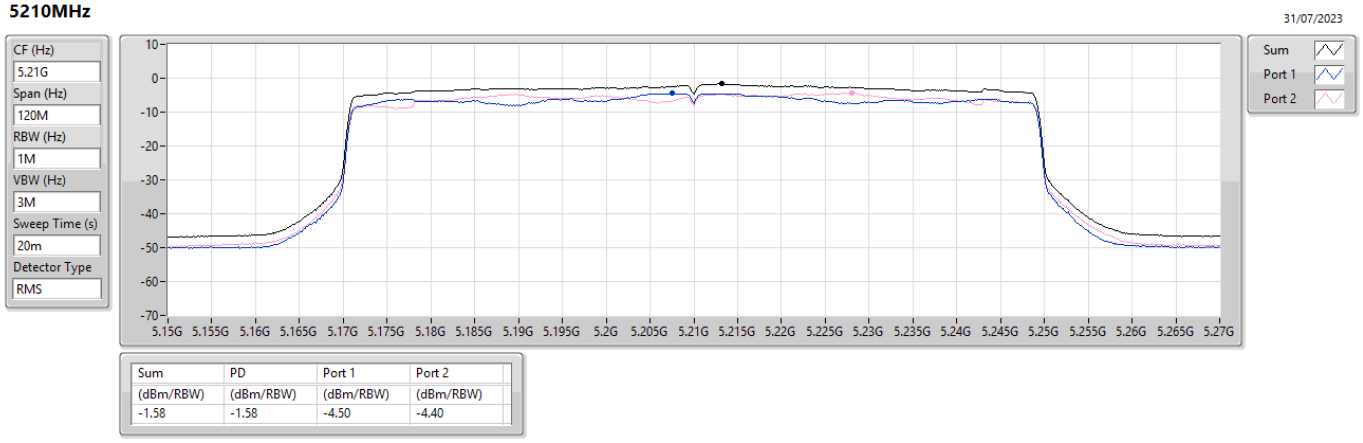
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.39	4.39	1.60	1.29

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

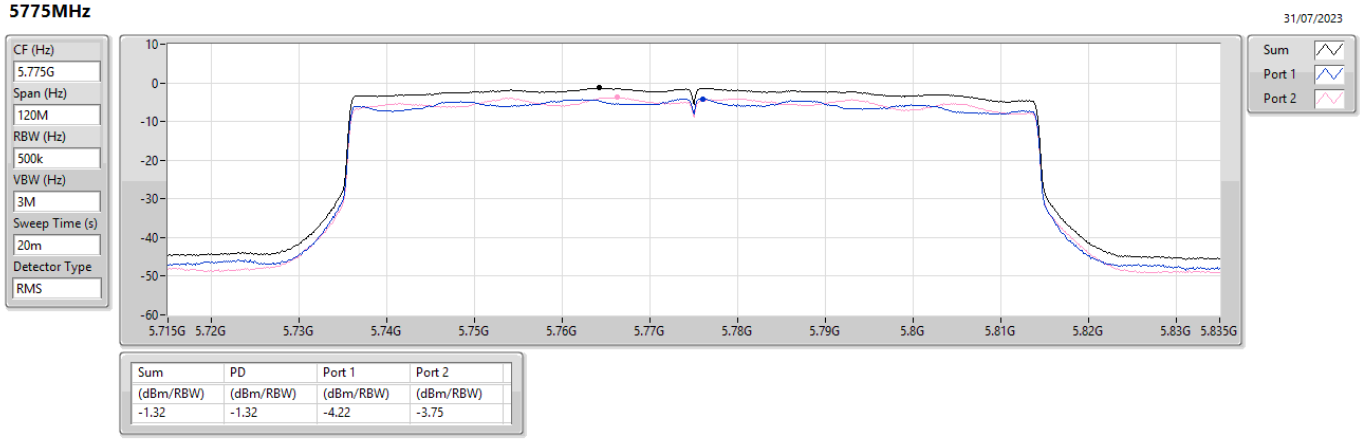
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.58	-1.58	-4.50	-4.40

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

5775MHz

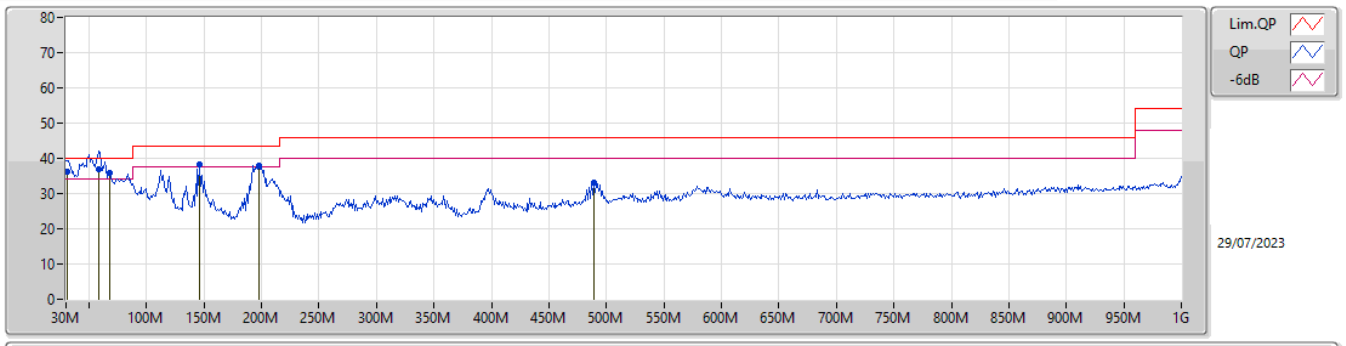


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.32	-1.32	-4.22	-3.75

Summary

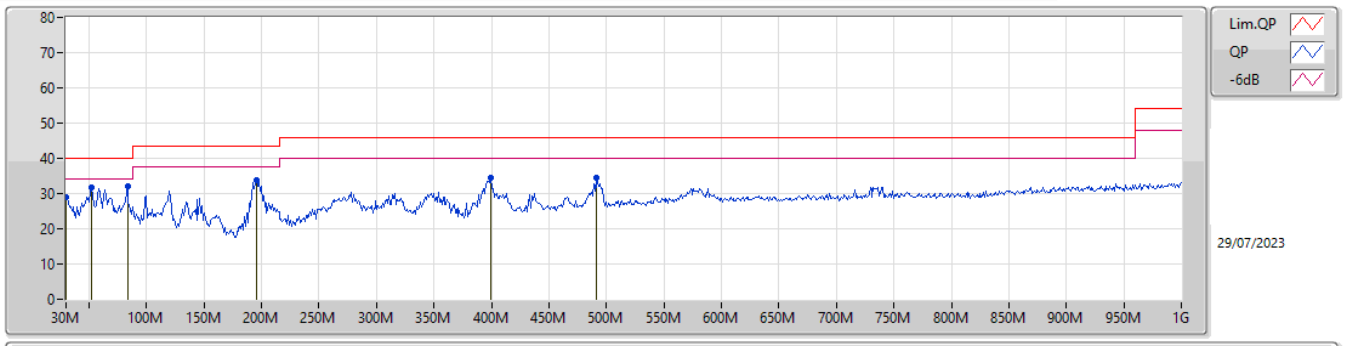
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	QP	58.13M	36.98	40.00	-3.02	Vertical

Mode 4



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	30.97M	36.11	40.00	-3.89	-6.92	3	Vertical	197	1.00	-	43.03	23.62	1.03	31.57
QP	58.13M	36.98	40.00	-3.02	-18.11	3	Vertical	360	1.25	"Worst"	55.09	12.45	1.34	31.90
PK	67.83M	35.71	40.00	-4.29	-18.15	3	Vertical	356	1.50	-	53.86	12.33	1.43	31.91
PK	146.4M	38.39	43.50	-5.11	-13.24	3	Vertical	170	1.00	-	51.63	16.71	2.05	32.00
PK	197.81M	38.02	43.50	-5.48	-14.38	3	Vertical	194	1.00	-	52.40	15.22	2.41	32.01
PK	488.81M	33.01	46.00	-12.99	-5.16	3	Vertical	360	1.50	-	38.17	23.18	3.94	32.28

Mode 4



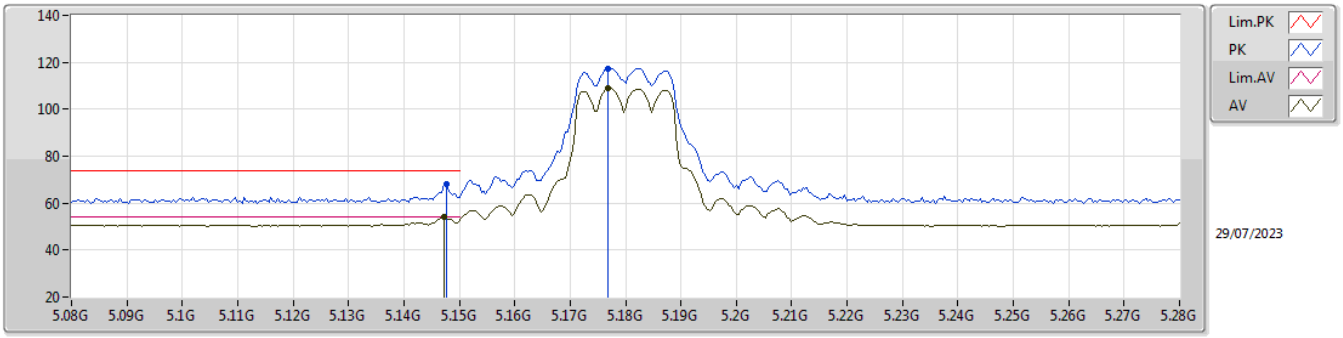
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	29.04	40.00	-10.96	-6.41	3	Horizontal	83	1.25	-	35.45	24.11	1.02	31.54
PK	52.31M	31.68	40.00	-8.32	-17.24	3	Horizontal	173	1.00	-	48.92	13.36	1.28	31.88
PK	83.35M	31.92	40.00	-8.08	-16.80	3	Horizontal	231	2.00	"Worst"	48.72	13.54	1.57	31.91
PK	195.87M	33.93	43.50	-9.57	-14.44	3	Horizontal	253	1.50	-	48.37	15.18	2.39	32.01
PK	399.57M	34.50	46.00	-11.50	-7.03	3	Horizontal	116	1.00	-	41.53	21.59	3.55	32.17
PK	490.75M	34.64	46.00	-11.36	-5.13	3	Horizontal	151	1.00	-	39.77	23.20	3.95	32.28

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	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1472G	53.88	54.00	-0.12	3	Vertical	180	1.80	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

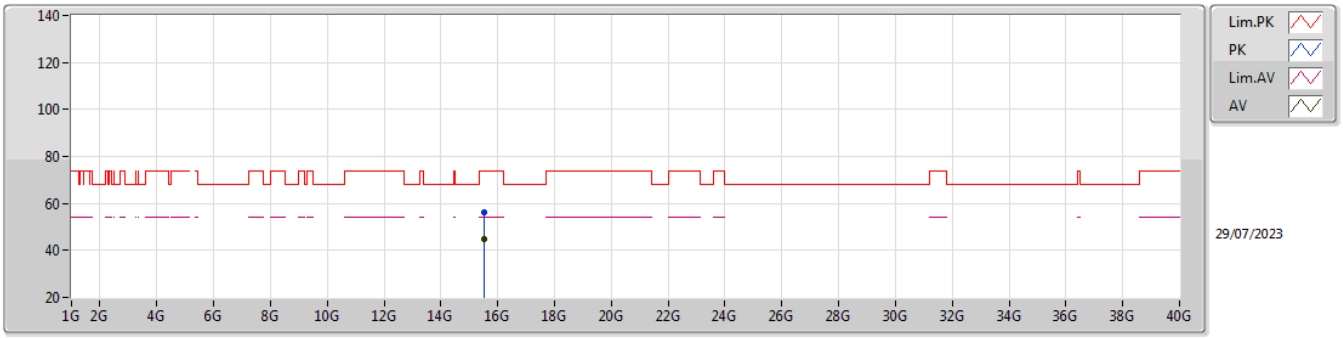


EUT Y_2TX
Setting 19.5
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	68.17	74.00	-5.83	59.48	3	Vertical	180	1.80	-	33.60	5.77	30.68
AV	5.1472G	53.88	54.00	-0.12	45.20	3	Vertical	180	1.80	-	33.59	5.77	30.68
PK	5.1768G	117.37	Inf	-Inf	108.57	3	Vertical	180	1.80	-	33.71	5.79	30.70
AV	5.1768G	108.84	Inf	-Inf	100.04	3	Vertical	180	1.80	-	33.71	5.79	30.70

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

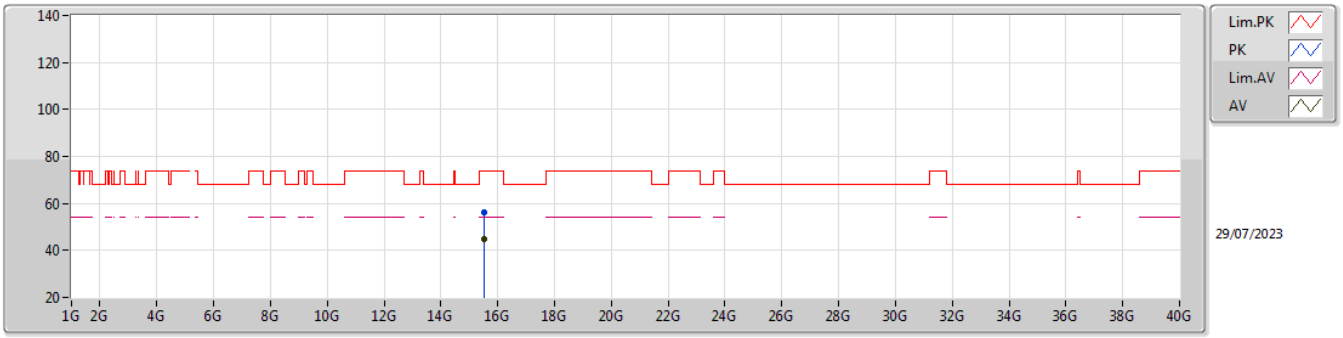


EUT Y_2TX
Setting 19.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5395G	56.39	74.00	-17.61	40.18	3	Vertical	26	1.96	-	37.84	10.32	31.95
AV	15.53772G	44.65	54.00	-9.35	28.43	3	Vertical	26	1.96	-	37.85	10.32	31.95

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

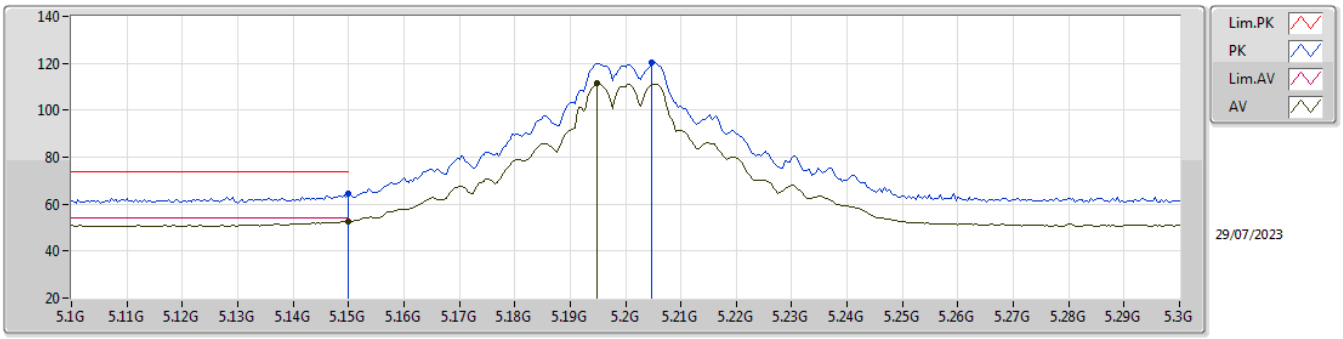


EUT Y_2TX
Setting 19.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53886G	56.33	74.00	-17.67	40.12	3	Horizontal	197	2.82	-	37.84	10.32	31.95
AV	15.54052G	44.75	54.00	-9.25	28.54	3	Horizontal	197	2.82	-	37.84	10.32	31.95

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

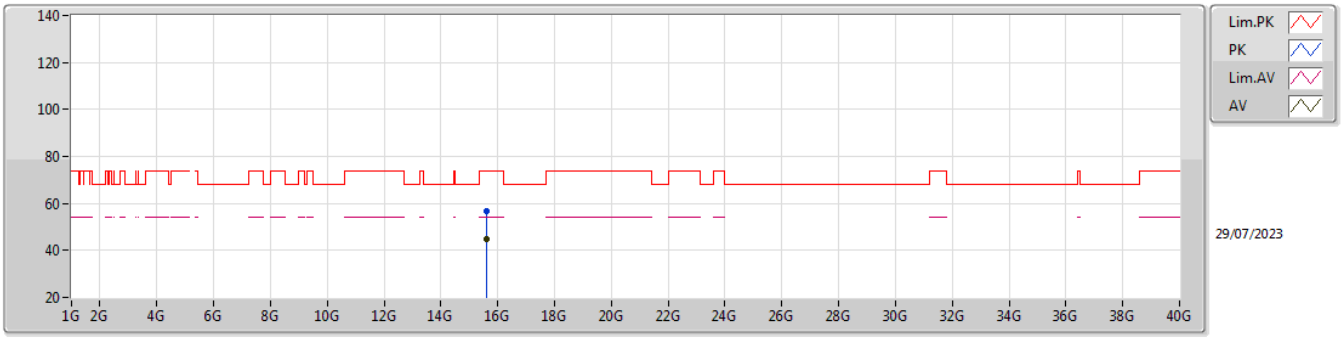


EUT Y_2TX
Setting 22
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	64.35	74.00	-9.65	55.65	3	Vertical	345	2.14	-	33.60	5.78	30.68
AV	5.15G	52.48	54.00	-1.52	43.78	3	Vertical	345	2.14	-	33.60	5.78	30.68
PK	5.2048G	120.28	Inf	-Inf	111.40	3	Vertical	345	2.14	-	33.80	5.80	30.72
AV	5.1948G	111.31	Inf	-Inf	102.45	3	Vertical	345	2.14	-	33.78	5.80	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

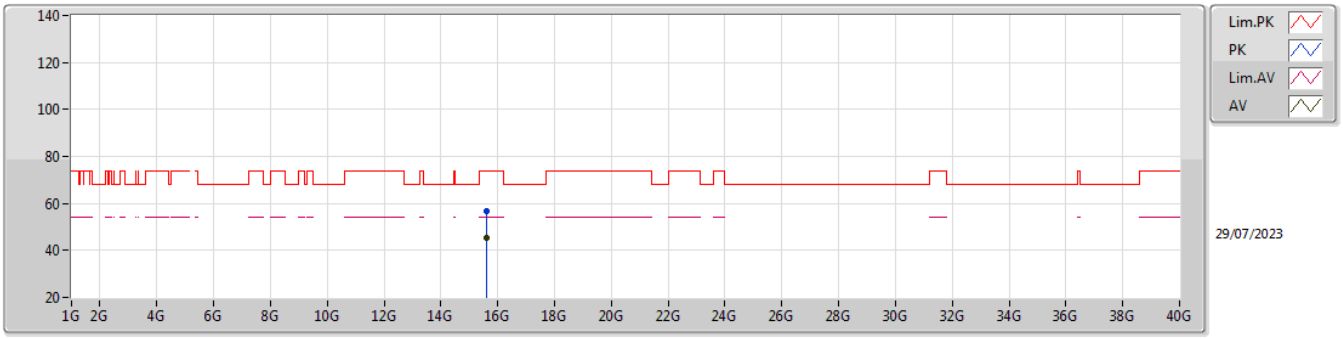


EUT Y_2TX
Setting 22
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59968G	56.56	74.00	-17.44	40.48	3	Vertical	229	2.72	-	37.70	10.34	31.96
AV	15.5966G	45.02	54.00	-8.98	28.93	3	Vertical	229	2.72	-	37.71	10.34	31.96

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

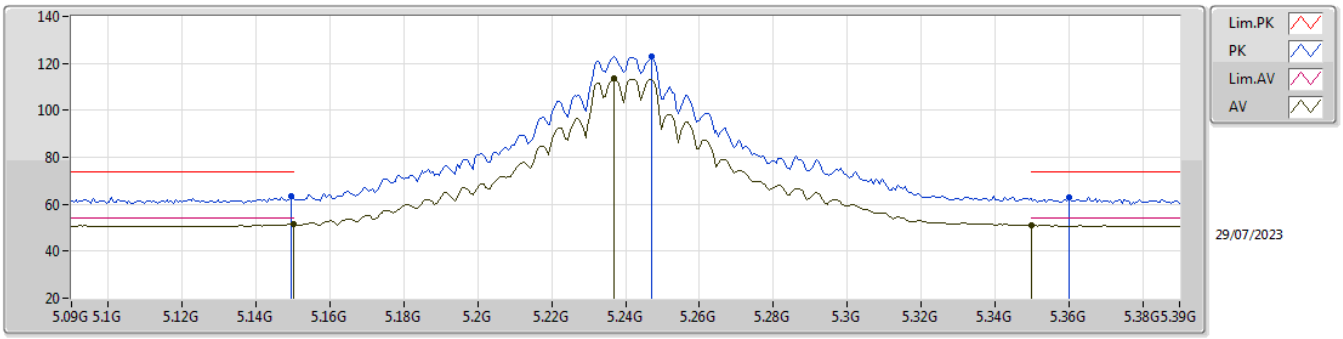


EUT Y_2TX
Setting 22
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59852G	56.56	74.00	-17.44	40.48	3	Horizontal	245	1.38	-	37.70	10.34	31.96
AV	15.59712G	45.23	54.00	-8.77	29.14	3	Horizontal	245	1.38	-	37.71	10.34	31.96

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

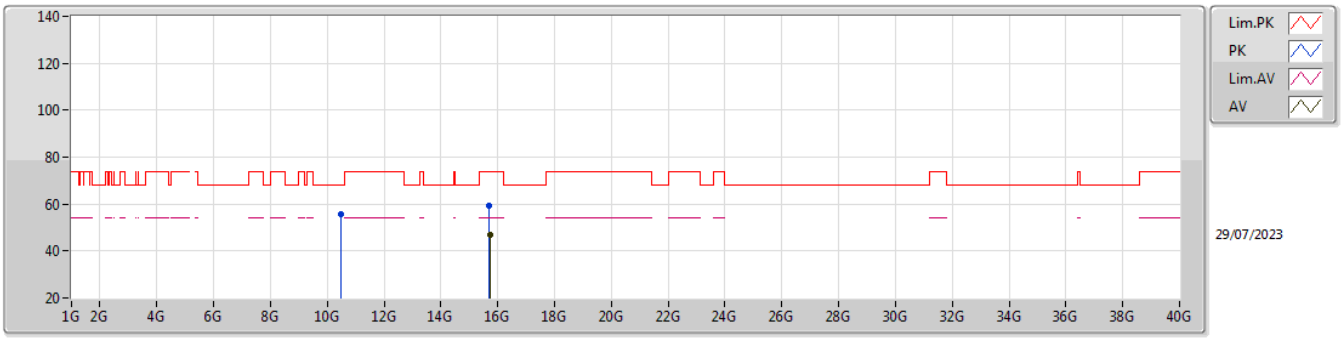


EUT Y_2TX
Setting 23
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	63.29	74.00	-10.71	54.60	3	Vertical	356	1.87	-	33.60	5.77	30.68
AV	5.15G	51.77	54.00	-2.23	43.07	3	Vertical	356	1.87	-	33.60	5.78	30.68
PK	5.2472G	123.09	Inf	-Inf	114.23	3	Vertical	356	1.87	-	33.80	5.82	30.76
AV	5.237G	113.58	Inf	-Inf	104.71	3	Vertical	356	1.87	-	33.80	5.82	30.75
PK	5.36G	63.03	74.00	-10.97	54.00	3	Vertical	356	1.87	-	34.00	5.88	30.85
AV	5.35G	50.98	54.00	-3.02	41.95	3	Vertical	356	1.87	-	34.00	5.87	30.84

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

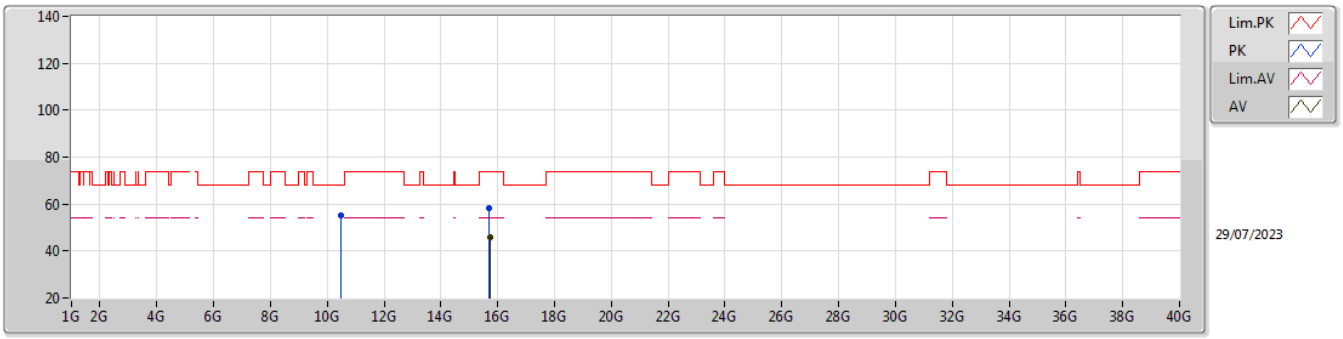


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48544G	55.75	68.20	-12.45	40.69	3	Vertical	17	2.16	-	38.40	8.47	31.81
PK	15.71428G	59.50	74.00	-14.50	43.34	3	Vertical	32	1.76	-	37.74	10.39	31.97
AV	15.71868G	47.12	54.00	-6.88	30.97	3	Vertical	32	1.76	-	37.73	10.39	31.97

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

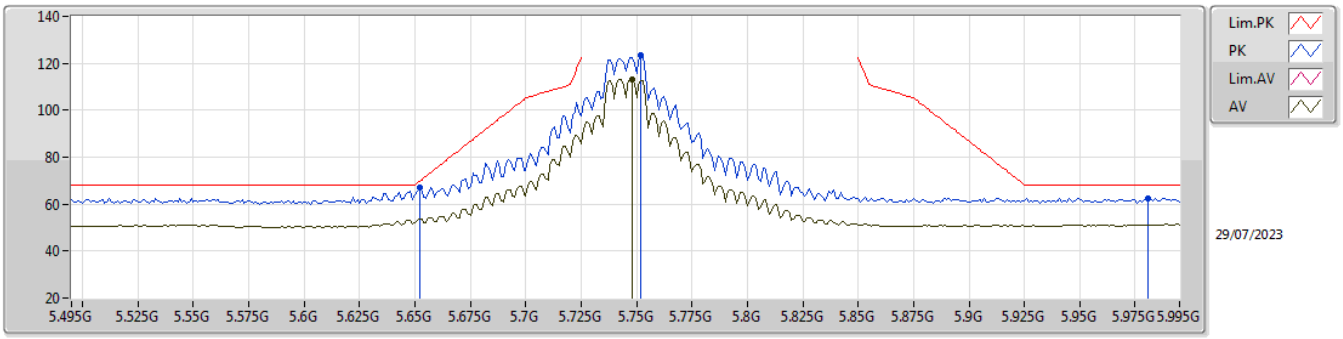


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48196G	54.97	68.20	-13.23	39.91	3	Horizontal	278	1.68	-	38.40	8.47	31.81
PK	15.71464G	58.07	74.00	-15.93	41.91	3	Horizontal	318	1.29	-	37.74	10.39	31.97
AV	15.71892G	45.70	54.00	-8.30	29.56	3	Horizontal	318	1.29	-	37.72	10.39	31.97

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

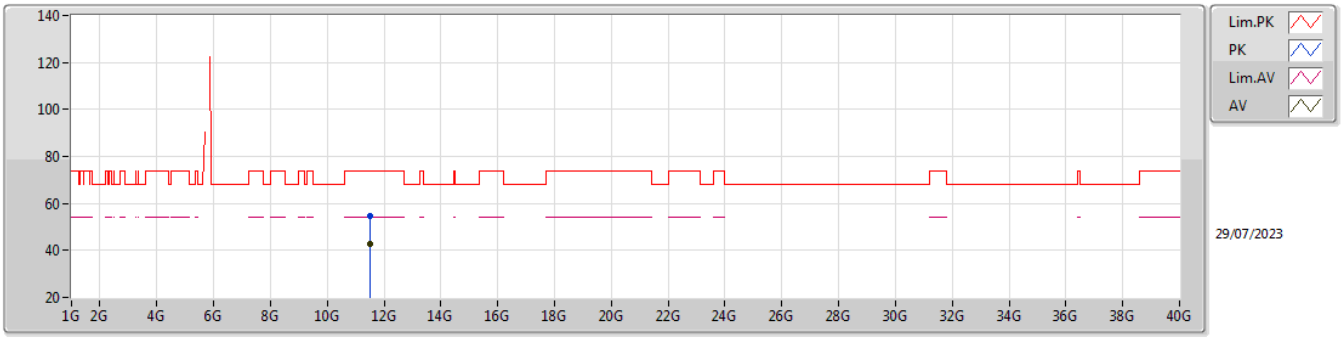


EUT Y_2TX
Setting 23
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.652G	67.27	69.68	-2.41	58.30	3	Vertical	178	2.06	-	33.90	6.10	31.03
PK	5.752G	123.44	Inf	-Inf	114.42	3	Vertical	178	2.06	-	34.00	6.10	31.08
AV	5.748G	113.33	Inf	-Inf	104.30	3	Vertical	178	2.06	-	34.00	6.10	31.07
PK	5.981G	62.66	68.20	-5.54	53.26	3	Vertical	178	2.06	-	34.30	6.28	31.18

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

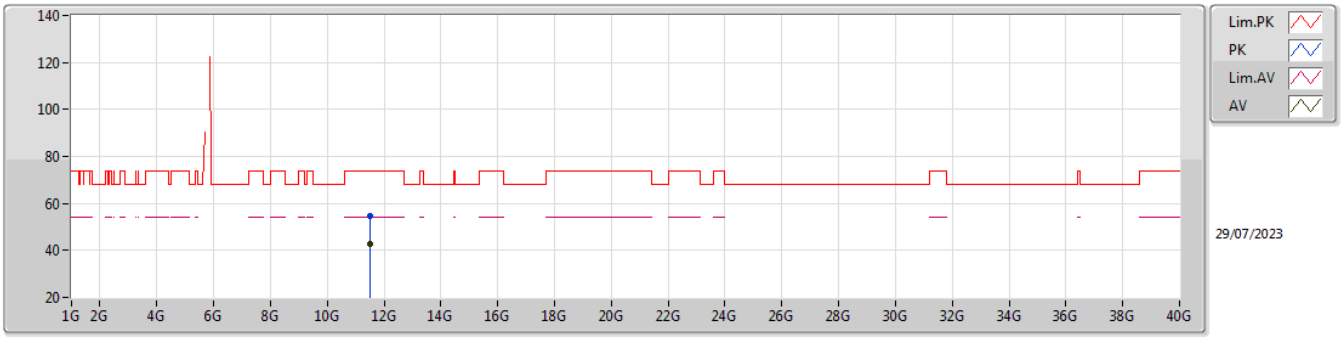


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49008G	54.51	74.00	-19.49	38.97	3	Vertical	99	1.58	-	38.88	8.82	32.16
AV	11.49164G	42.76	54.00	-11.24	27.22	3	Vertical	99	1.58	-	38.88	8.82	32.16

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

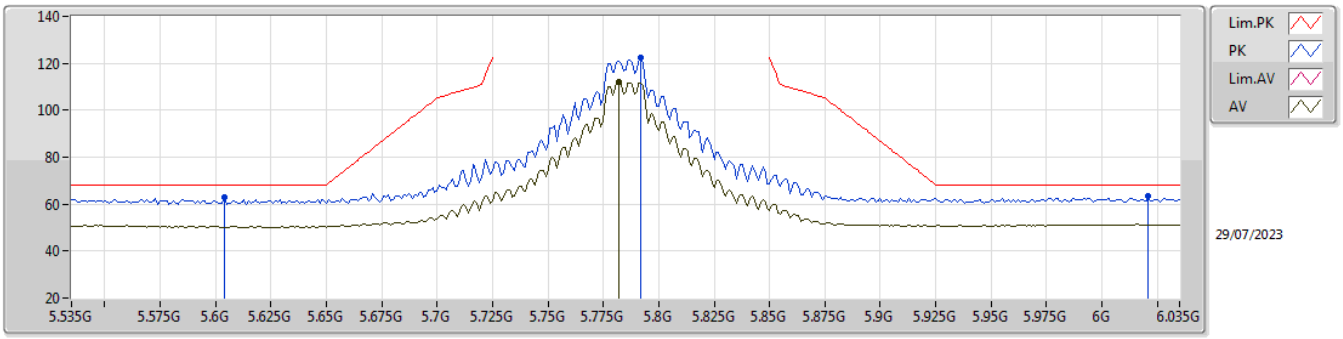


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49016G	54.77	74.00	-19.23	39.23	3	Horizontal	272	2.50	-	38.88	8.82	32.16
AV	11.48884G	42.77	54.00	-11.23	27.23	3	Horizontal	272	2.50	-	38.88	8.82	32.16

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

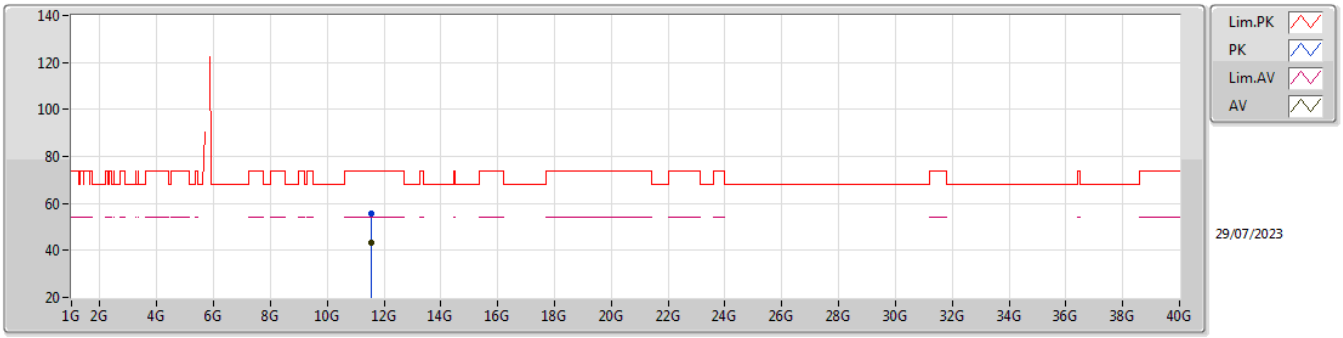


EUT Y_2TX
Setting 23
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.604G	62.75	68.20	-5.45	53.67	3	Vertical	186	2.04	-	33.99	6.10	31.01
PK	5.792G	122.28	Inf	-Inf	113.27	3	Vertical	186	2.04	-	34.00	6.10	31.09
AV	5.782G	112.08	Inf	-Inf	103.07	3	Vertical	186	2.04	-	34.00	6.10	31.09
PK	6.021G	63.35	68.20	-4.85	53.87	3	Vertical	186	2.04	-	34.38	6.30	31.20

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

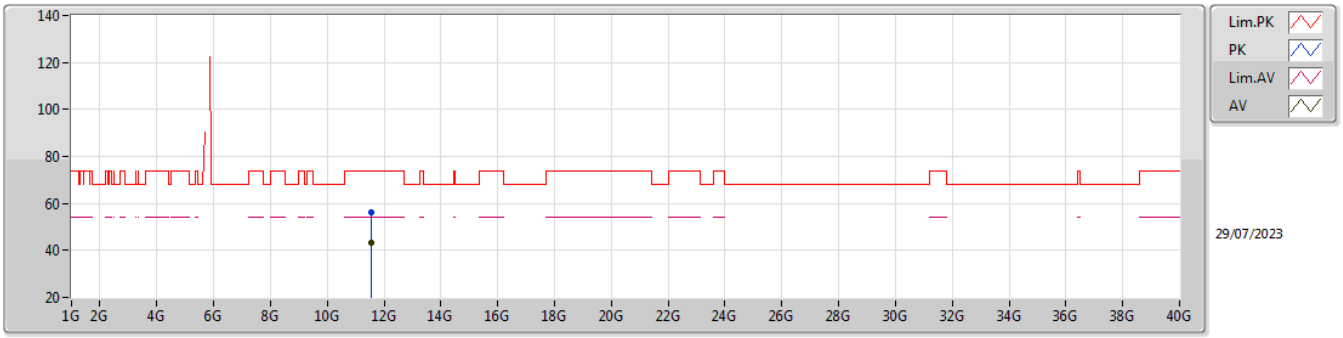


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56642G	55.51	74.00	-18.49	39.53	3	Vertical	203	1.02	-	39.17	8.85	32.04
AV	11.56664G	43.21	54.00	-10.79	27.23	3	Vertical	203	1.02	-	39.17	8.85	32.04

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

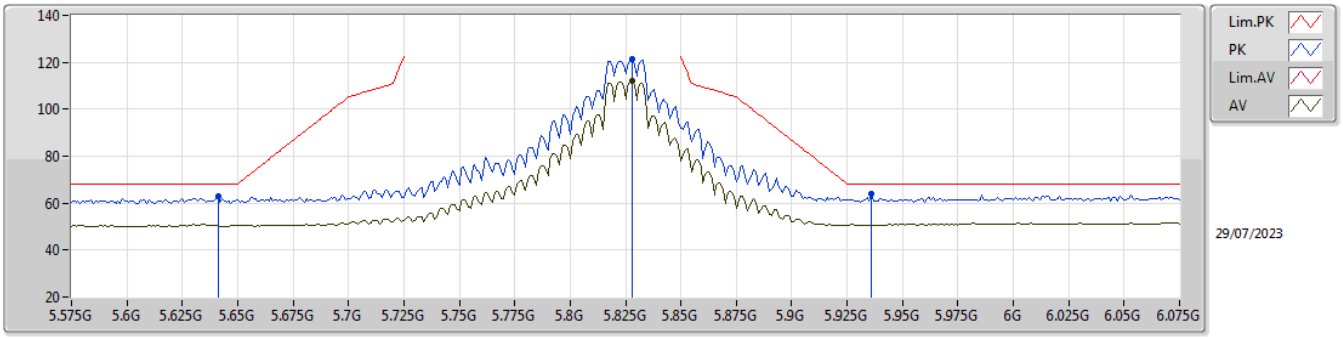


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56552G	56.46	74.00	-17.54	40.49	3	Horizontal	55	1.89	-	39.16	8.85	32.04
AV	11.56968G	43.23	54.00	-10.77	27.24	3	Horizontal	55	1.89	-	39.18	8.85	32.04

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

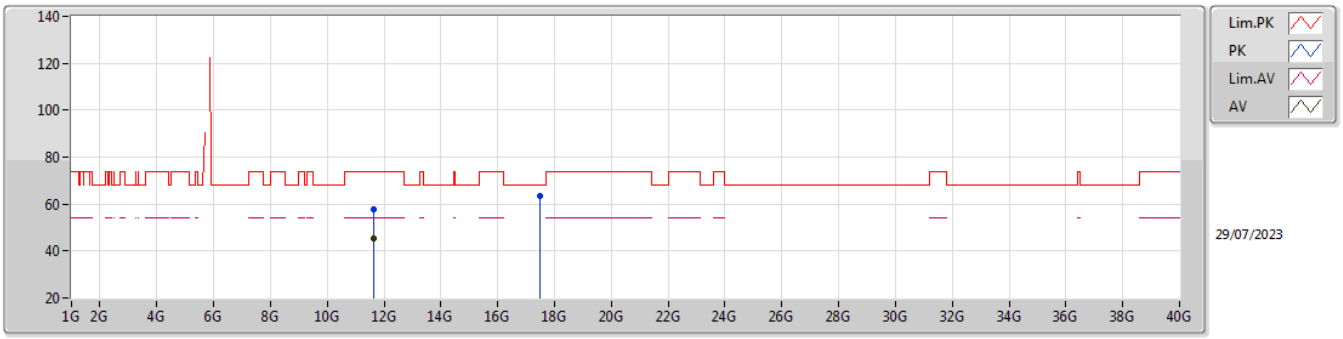


EUT Y_2TX
Setting 23
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.641G	62.92	68.20	-5.28	53.92	3	Vertical	178	2.45	-	33.92	6.10	31.02
PK	5.828G	121.38	Inf	-Inf	112.37	3	Vertical	178	2.45	-	34.00	6.12	31.11
AV	5.828G	112.29	Inf	-Inf	103.28	3	Vertical	178	2.45	-	34.00	6.12	31.11
PK	5.936G	64.01	68.20	-4.19	54.67	3	Vertical	178	2.45	-	34.27	6.23	31.16

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

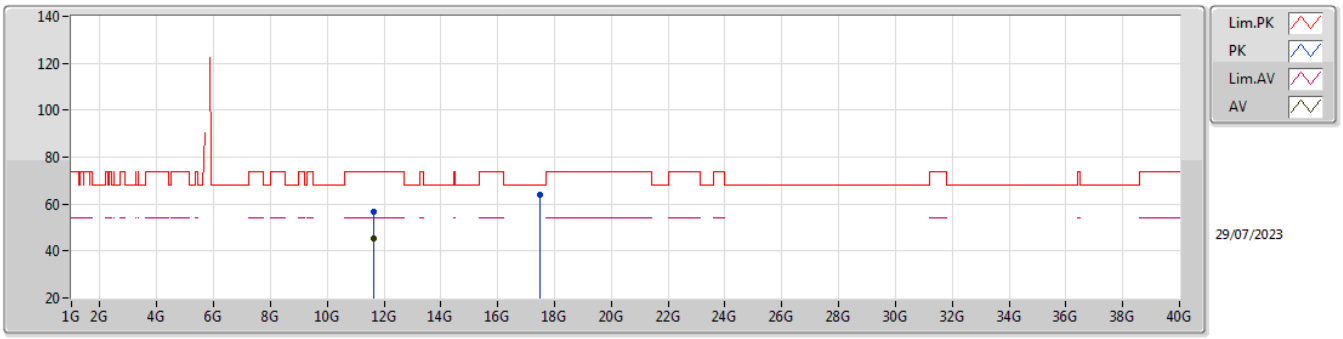


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65132G	57.76	74.00	-16.24	41.47	3	Vertical	7	1.22	-	39.30	8.88	31.89
AV	11.6518G	45.52	54.00	-8.48	29.23	3	Vertical	7	1.22	-	39.30	8.88	31.89
PK	17.48124G	63.41	68.20	-4.79	41.10	3	Vertical	360	1.80	-	43.75	11.02	32.46

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

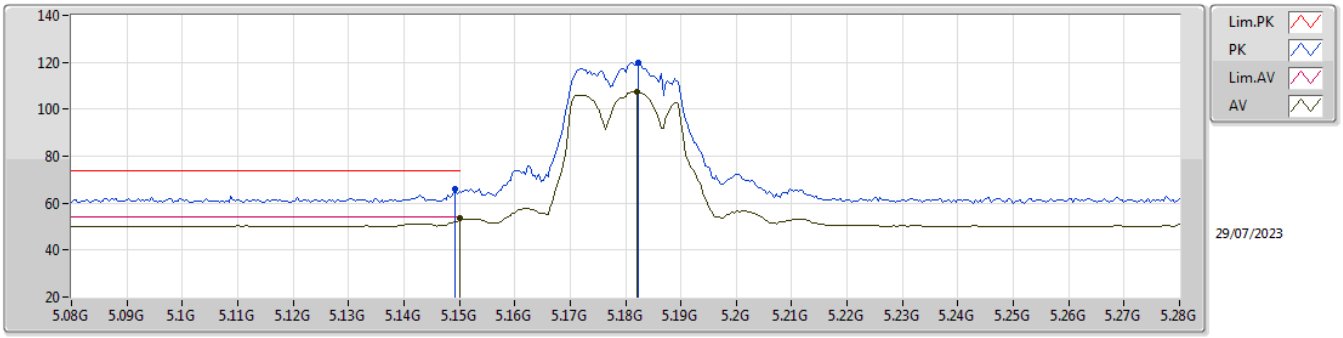


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.645G	56.66	74.00	-17.34	40.38	3	Horizontal	86	2.46	-	39.30	8.88	31.90
AV	11.64988G	45.34	54.00	-8.66	29.06	3	Horizontal	86	2.46	-	39.30	8.88	31.90
PK	17.47512G	63.98	68.20	-4.22	41.71	3	Horizontal	37	1.59	-	43.70	11.02	32.45

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

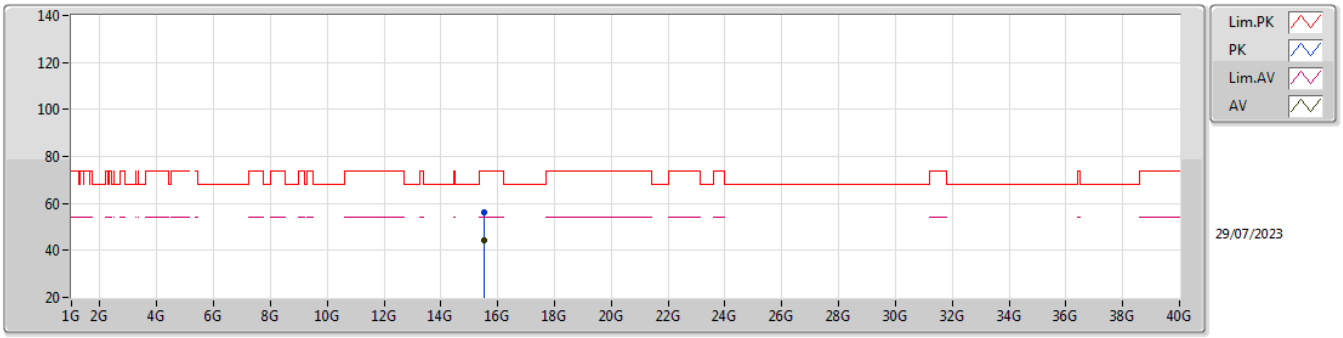


EUT Y_2TX
Setting 19.5
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	65.96	74.00	-8.04	57.27	3	Vertical	0	1.99	-	33.60	5.77	30.68
AV	5.15G	53.68	54.00	-0.32	44.98	3	Vertical	0	1.99	-	33.60	5.78	30.68
PK	5.1824G	119.91	Inf	-Inf	111.10	3	Vertical	0	1.99	-	33.73	5.79	30.71
AV	5.182G	107.52	Inf	-Inf	98.71	3	Vertical	0	1.99	-	33.73	5.79	30.71

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

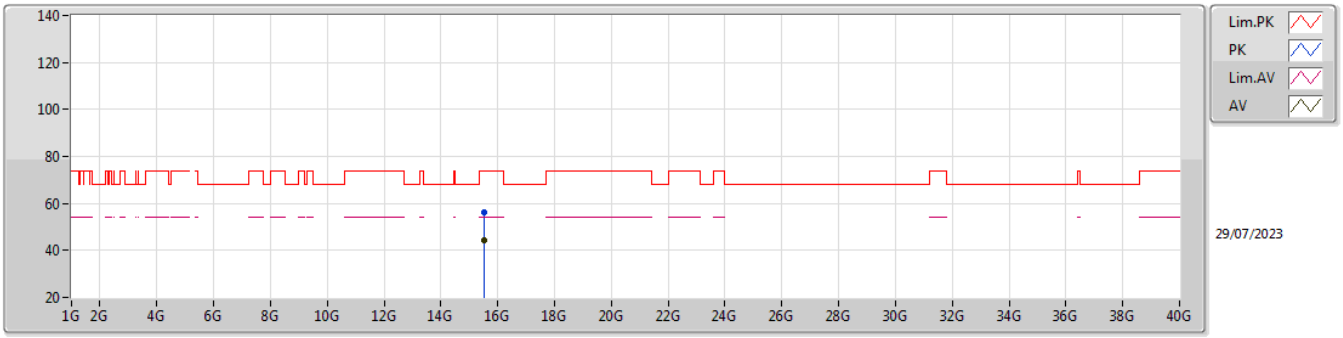


EUT Y_2TX
Setting 19.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5383G	56.20	74.00	-17.80	39.98	3	Vertical	166	2.93	-	37.85	10.32	31.95
AV	15.53766G	44.07	54.00	-9.93	27.85	3	Vertical	166	2.93	-	37.85	10.32	31.95

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

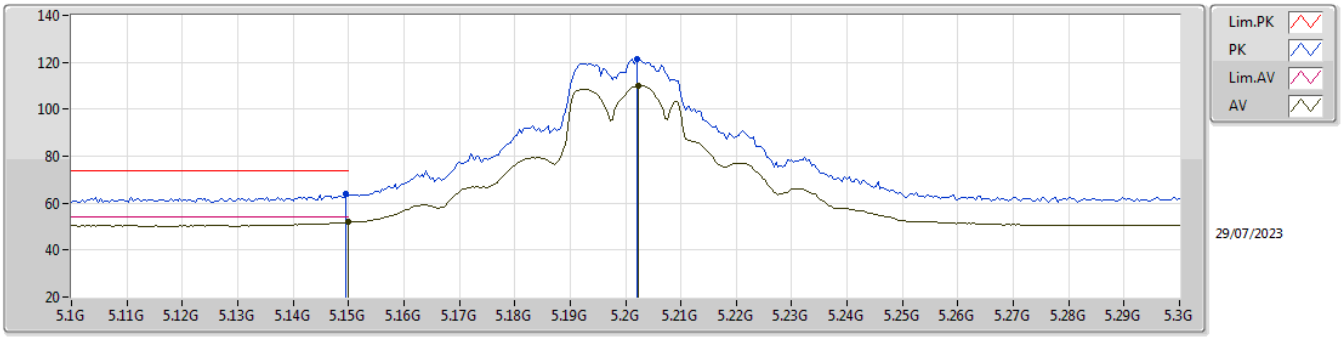


EUT Y_2TX
Setting 19.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54322G	56.10	74.00	-17.90	39.90	3	Horizontal	307	1.03	-	37.83	10.32	31.95
AV	15.5395G	44.07	54.00	-9.93	27.86	3	Horizontal	307	1.03	-	37.84	10.32	31.95

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

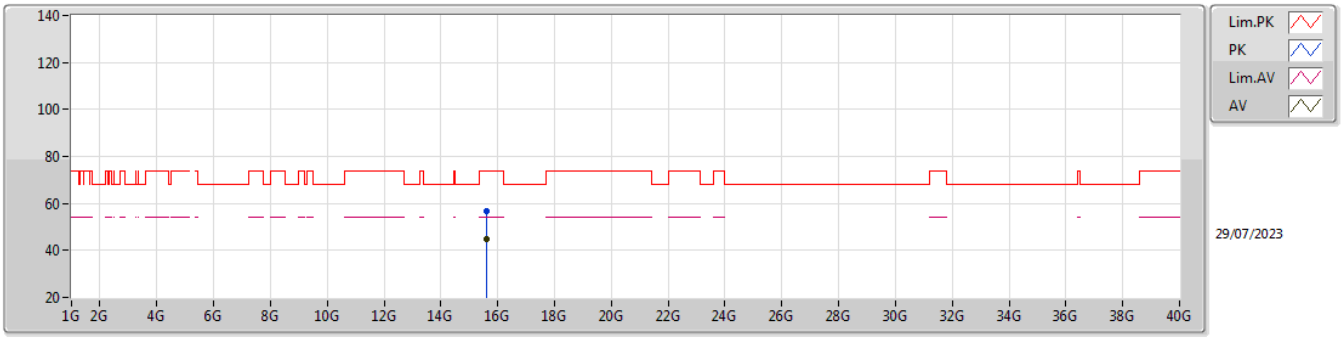


EUT Y_2TX
Setting 22
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	63.85	74.00	-10.15	55.16	3	Vertical	360	1.79	-	33.60	5.77	30.68
AV	5.15G	51.95	54.00	-2.05	43.25	3	Vertical	360	1.79	-	33.60	5.78	30.68
PK	5.202G	121.39	Inf	-Inf	112.51	3	Vertical	360	1.79	-	33.80	5.80	30.72
AV	5.2024G	109.95	Inf	-Inf	101.07	3	Vertical	360	1.79	-	33.80	5.80	30.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

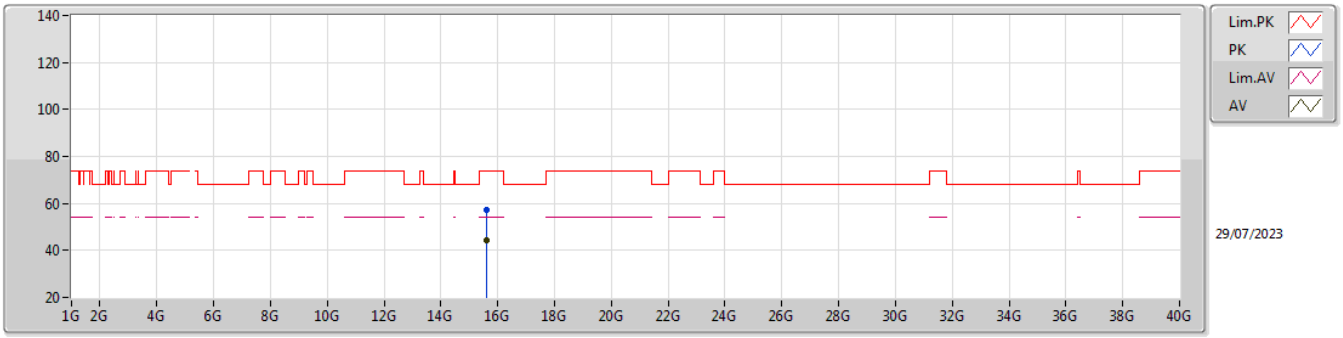


EUT Y_2TX
Setting 22
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59772G	56.67	74.00	-17.33	40.59	3	Vertical	214	1.07	-	37.70	10.34	31.96
AV	15.5979G	44.58	54.00	-9.42	28.50	3	Vertical	214	1.07	-	37.70	10.34	31.96

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

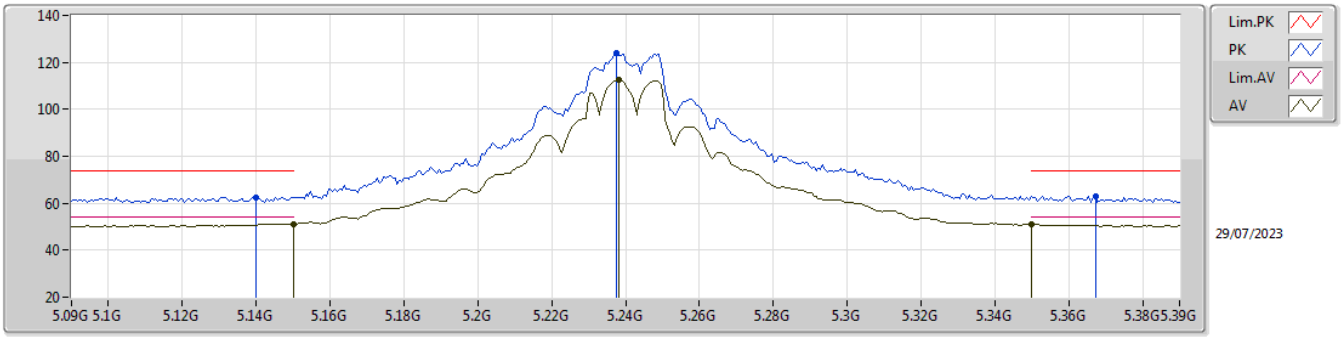


EUT Y_2TX
Setting 22
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60218G	57.12	74.00	-16.88	41.04	3	Horizontal	68	2.39	-	37.70	10.34	31.96
AV	15.60346G	44.50	54.00	-9.50	28.42	3	Horizontal	68	2.39	-	37.70	10.34	31.96

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

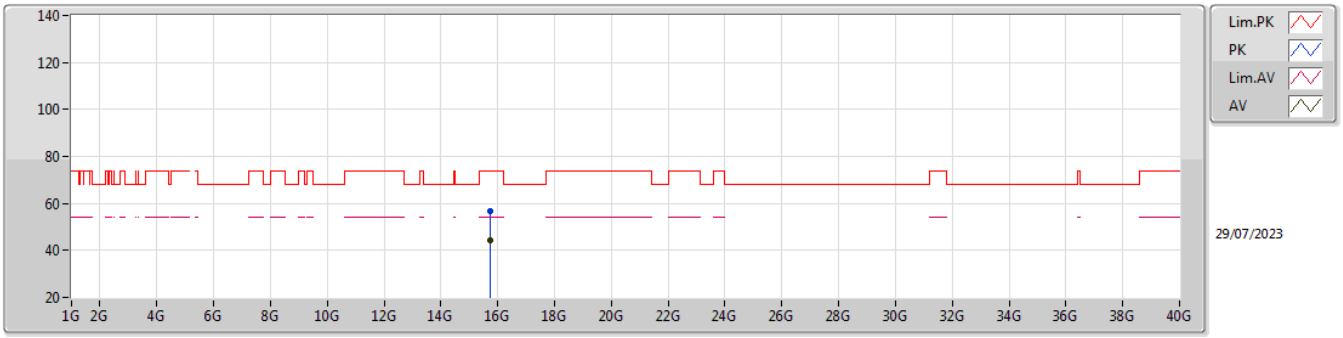


EUT Y_2TX
Setting 23
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1398G	62.55	74.00	-11.45	53.87	3	Vertical	355	1.86	-	33.58	5.77	30.67
AV	5.15G	51.00	54.00	-3.00	42.30	3	Vertical	355	1.86	-	33.60	5.78	30.68
PK	5.2376G	123.95	Inf	-Inf	115.08	3	Vertical	355	1.86	-	33.80	5.82	30.75
AV	5.2382G	112.46	Inf	-Inf	103.59	3	Vertical	355	1.86	-	33.80	5.82	30.75
PK	5.3672G	63.18	74.00	-10.82	54.15	3	Vertical	355	1.86	-	34.00	5.88	30.85
AV	5.35G	50.98	54.00	-3.02	41.95	3	Vertical	355	1.86	-	34.00	5.87	30.84

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

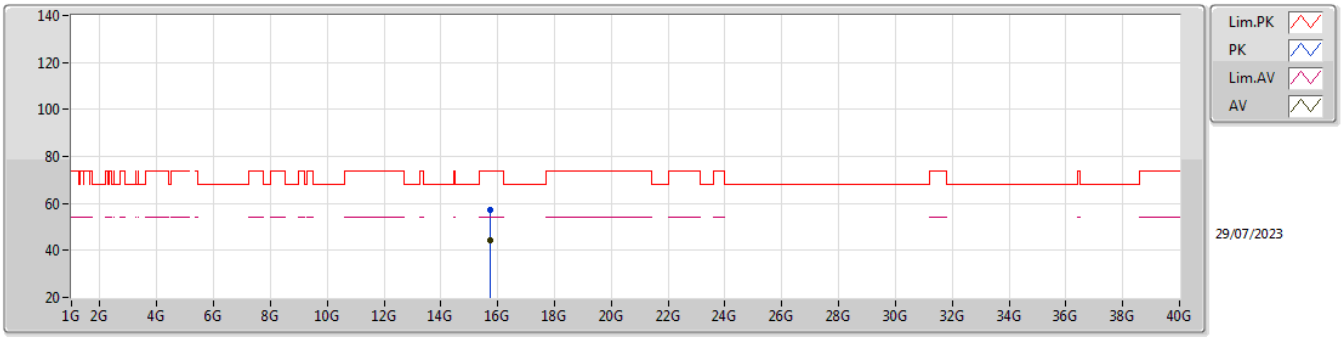


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.71668G	56.52	74.00	-17.48	40.37	3	Vertical	327	1.09	-	37.73	10.39	31.97
AV	15.71738G	44.51	54.00	-9.49	28.36	3	Vertical	327	1.09	-	37.73	10.39	31.97

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

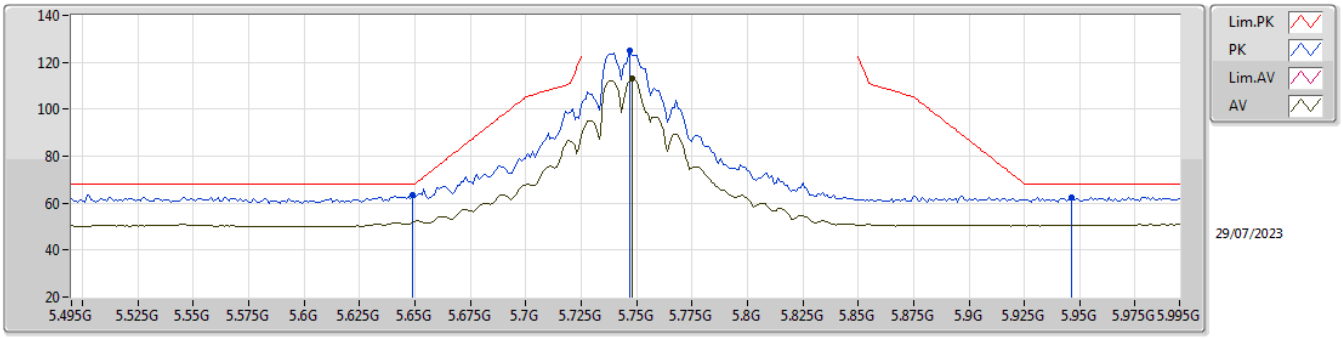


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.71974G	57.23	74.00	-16.77	41.09	3	Horizontal	223	2.94	-	37.72	10.39	31.97
AV	15.72158G	44.48	54.00	-9.52	28.35	3	Horizontal	223	2.94	-	37.71	10.39	31.97

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

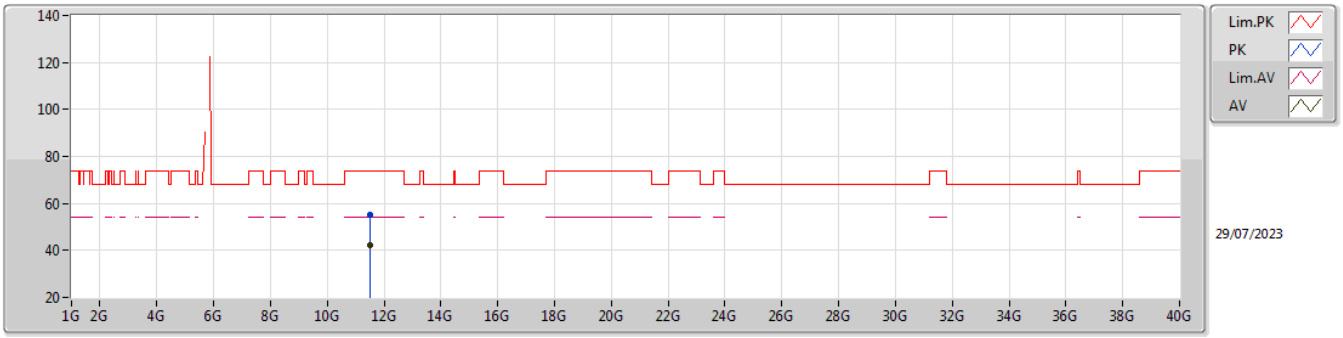


EUT Y_2TX
Setting 23
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	63.57	68.20	-4.63	54.60	3	Vertical	180	2.05	-	33.90	6.10	31.03
PK	5.747G	125.14	Inf	-Inf	116.11	3	Vertical	180	2.05	-	34.00	6.10	31.07
AV	5.748G	112.86	Inf	-Inf	103.83	3	Vertical	180	2.05	-	34.00	6.10	31.07
PK	5.946G	62.61	68.20	-5.59	53.25	3	Vertical	180	2.05	-	34.29	6.24	31.17

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

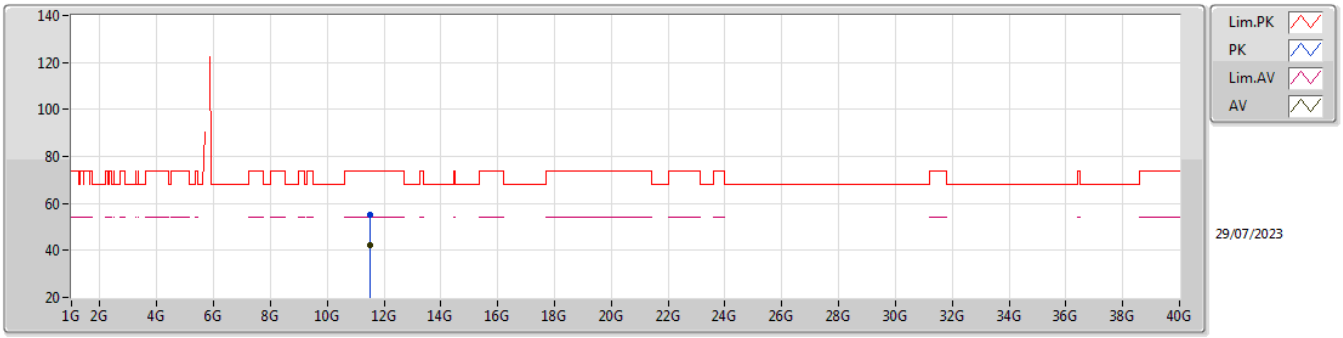


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4901G	54.94	74.00	-19.06	39.40	3	Vertical	12	1.88	-	38.88	8.82	32.16
AV	11.4909G	42.41	54.00	-11.59	26.87	3	Vertical	12	1.88	-	38.88	8.82	32.16

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

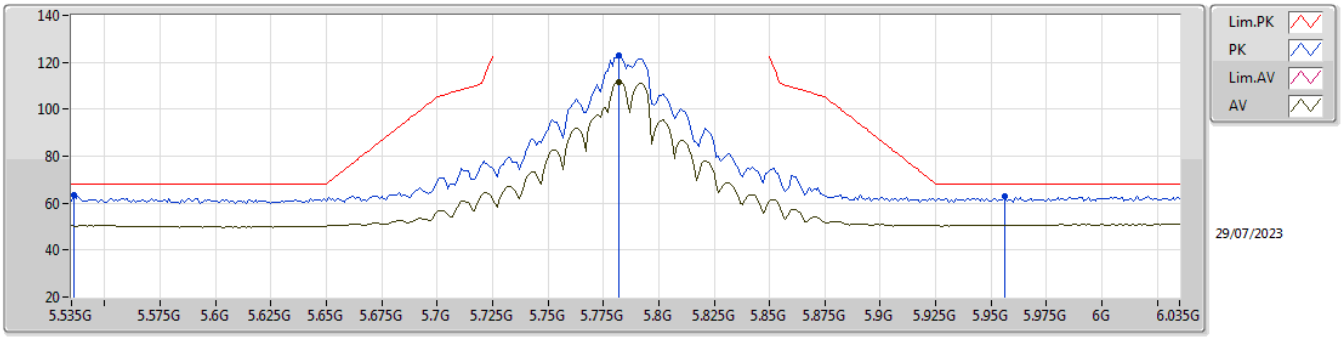


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48752G	55.14	74.00	-18.86	39.60	3	Horizontal	88	1.56	-	38.88	8.82	32.16
AV	11.49334G	42.30	54.00	-11.70	26.75	3	Horizontal	88	1.56	-	38.89	8.82	32.16

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

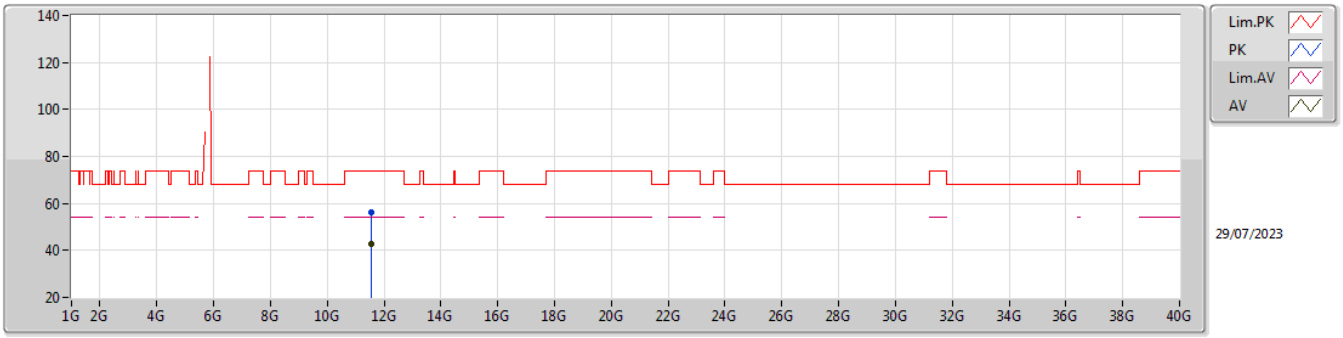


EUT Y_2TX
Setting 23
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.536G	63.61	68.20	-4.59	54.45	3	Vertical	182	2.57	-	34.10	6.04	30.98
PK	5.782G	122.68	Inf	-Inf	113.67	3	Vertical	182	2.57	-	34.00	6.10	31.09
AV	5.782G	111.80	Inf	-Inf	102.79	3	Vertical	182	2.57	-	34.00	6.10	31.09
PK	5.956G	62.96	68.20	-5.24	53.58	3	Vertical	182	2.57	-	34.30	6.25	31.17

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

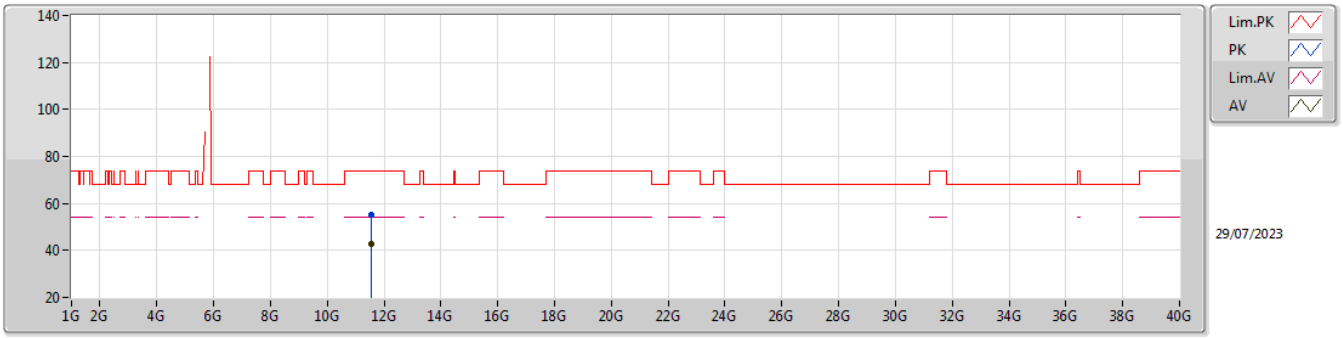


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56848G	55.98	74.00	-18.02	40.00	3	Vertical	333	2.78	-	39.17	8.85	32.04
AV	11.56696G	42.76	54.00	-11.24	26.78	3	Vertical	333	2.78	-	39.17	8.85	32.04

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

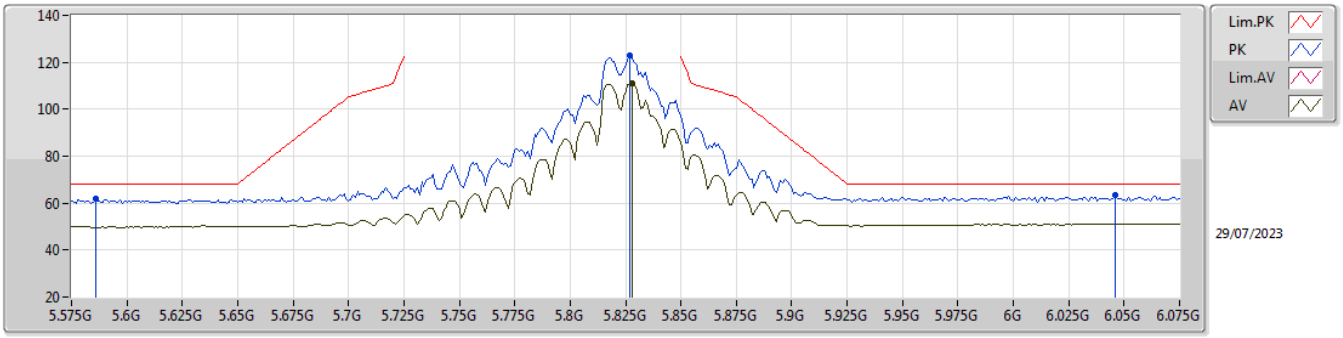


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56826G	55.16	74.00	-18.84	39.18	3	Horizontal	331	2.51	-	39.17	8.85	32.04
AV	11.5683G	42.88	54.00	-11.12	26.90	3	Horizontal	331	2.51	-	39.17	8.85	32.04

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

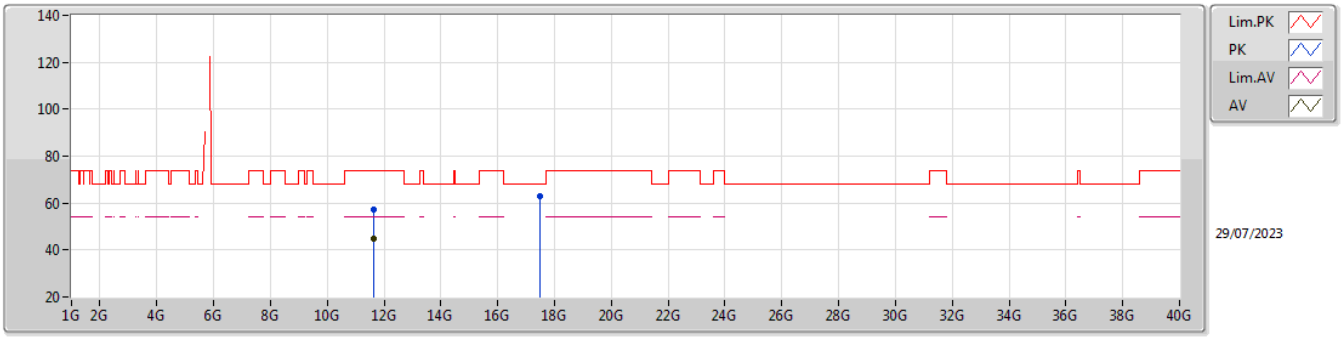


EUT Y_2TX
Setting 23
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.586G	61.74	68.20	-6.46	52.62	3	Vertical	175	2.74	-	34.03	6.09	31.00
PK	5.827G	123.05	Inf	-Inf	114.04	3	Vertical	175	2.74	-	34.00	6.12	31.11
AV	5.828G	110.94	Inf	-Inf	101.93	3	Vertical	175	2.74	-	34.00	6.12	31.11
PK	6.046G	63.67	68.20	-4.53	54.10	3	Vertical	175	2.74	-	34.48	6.30	31.21

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

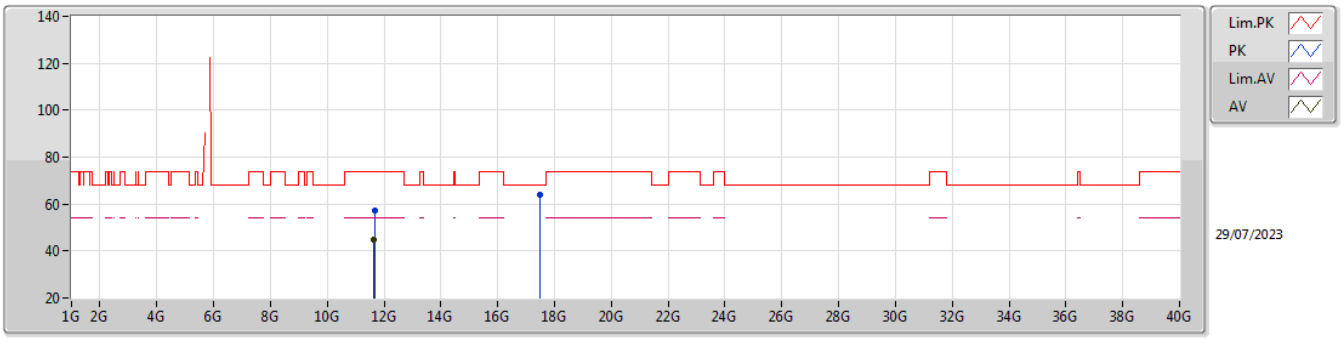


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65336G	57.48	74.00	-16.52	41.18	3	Vertical	6	1.80	-	39.31	8.88	31.89
AV	11.65256G	44.76	54.00	-9.24	28.46	3	Vertical	6	1.80	-	39.31	8.88	31.89
PK	17.48164G	63.05	68.20	-5.15	40.74	3	Vertical	318	1.80	-	43.75	11.02	32.46

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

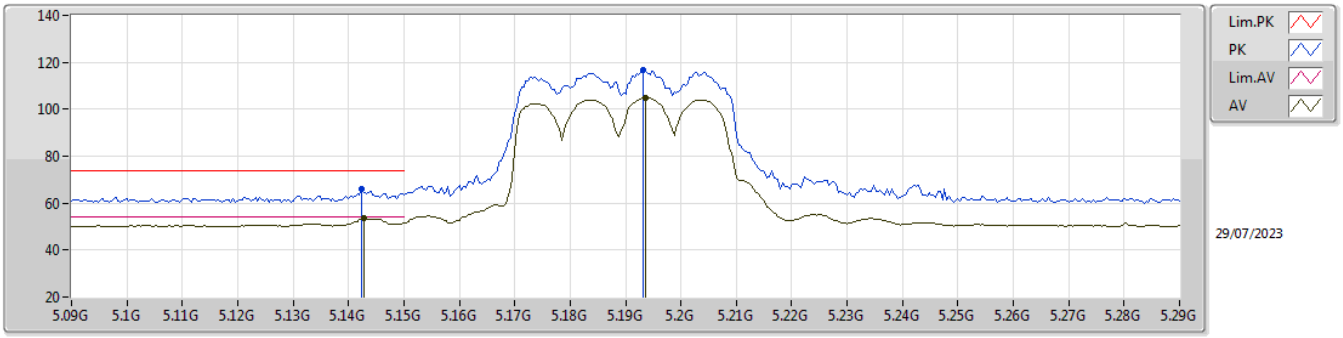


EUT Y_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65948G	56.99	74.00	-17.01	40.67	3	Horizontal	86	2.17	-	39.32	8.88	31.88
AV	11.64996G	44.76	54.00	-9.24	28.48	3	Horizontal	86	2.17	-	39.30	8.88	31.90
PK	17.48288G	63.75	68.20	-4.45	41.43	3	Horizontal	37	1.52	-	43.76	11.02	32.46

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

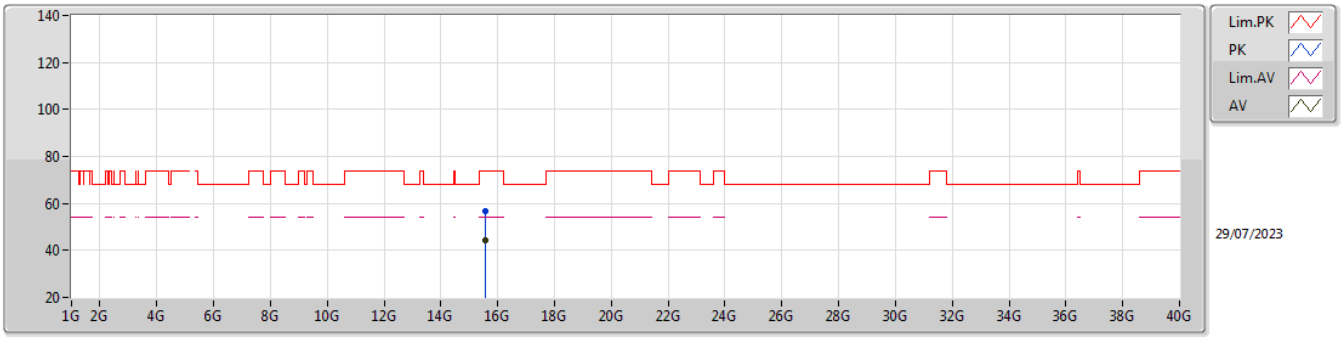


EUT Y_2TX
Setting 18.5
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1424G	65.83	74.00	-8.17	57.15	3	Vertical	356	2.07	-	33.58	5.77	30.67
AV	5.1428G	53.52	54.00	-0.48	44.83	3	Vertical	356	2.07	-	33.59	5.77	30.67
PK	5.1932G	116.72	Inf	-Inf	107.86	3	Vertical	356	2.07	-	33.77	5.80	30.71
AV	5.1936G	104.79	Inf	-Inf	95.93	3	Vertical	356	2.07	-	33.77	5.80	30.71

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

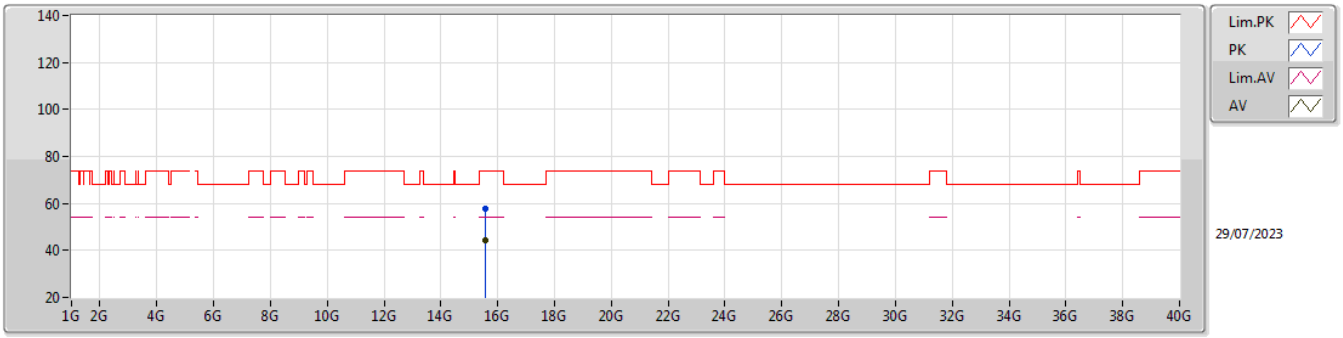


EUT Y_2TX
Setting 18.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5686G	56.58	74.00	-17.42	40.45	3	Vertical	195	1.85	-	37.76	10.33	31.96
AV	15.5673G	44.39	54.00	-9.61	28.25	3	Vertical	195	1.85	-	37.77	10.33	31.96

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

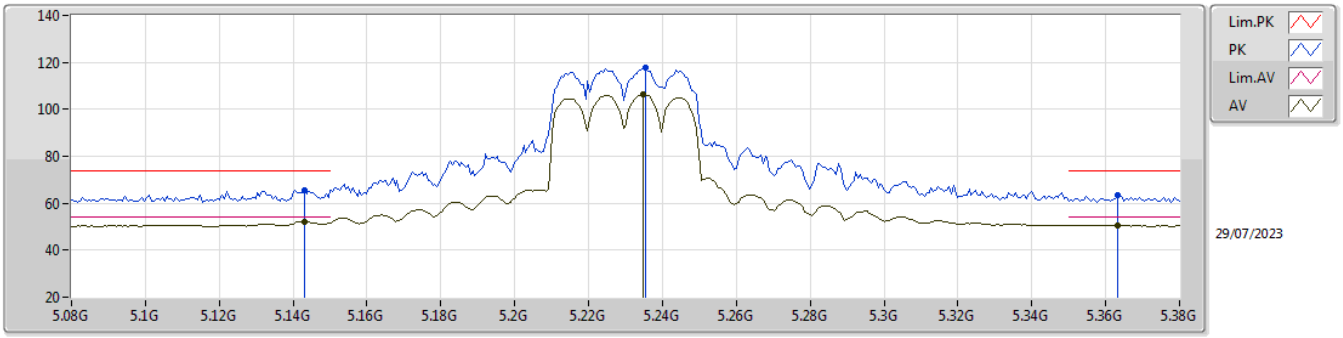


EUT Y_2TX
Setting 18.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.56956G	57.68	74.00	-16.32	41.55	3	Horizontal	16	2.98	-	37.76	10.33	31.96
AV	15.5668G	44.39	54.00	-9.61	28.25	3	Horizontal	16	2.98	-	37.77	10.33	31.96

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

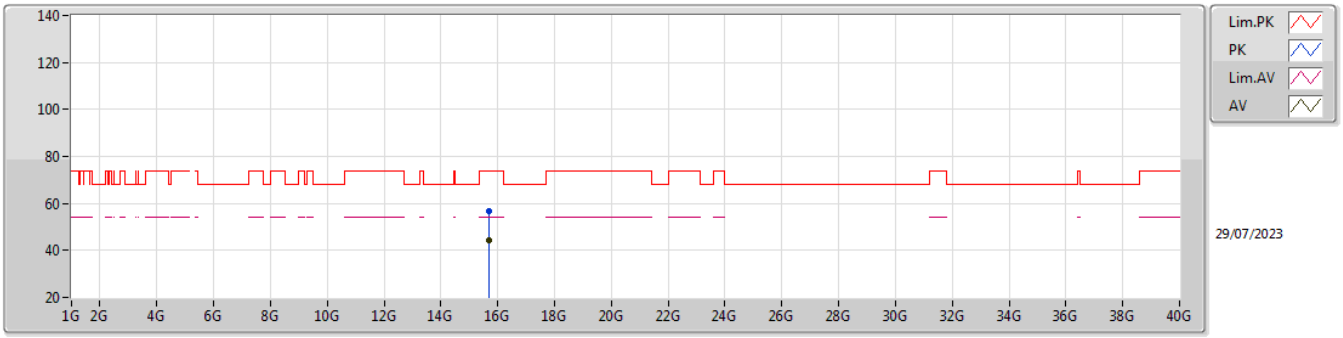


EUT Y_2TX
Setting 19.5
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.143G	65.50	74.00	-8.50	56.81	3	Vertical	357	2.05	-	33.59	5.77	30.67
AV	5.143G	52.14	54.00	-1.86	43.45	3	Vertical	357	2.05	-	33.59	5.77	30.67
PK	5.2354G	117.57	Inf	-Inf	108.70	3	Vertical	357	2.05	-	33.80	5.82	30.75
AV	5.2348G	106.21	Inf	-Inf	97.34	3	Vertical	357	2.05	-	33.80	5.82	30.75
PK	5.3632G	63.26	74.00	-10.74	54.23	3	Vertical	357	2.05	-	34.00	5.88	30.85
AV	5.3632G	50.73	54.00	-3.27	41.70	3	Vertical	357	2.05	-	34.00	5.88	30.85

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

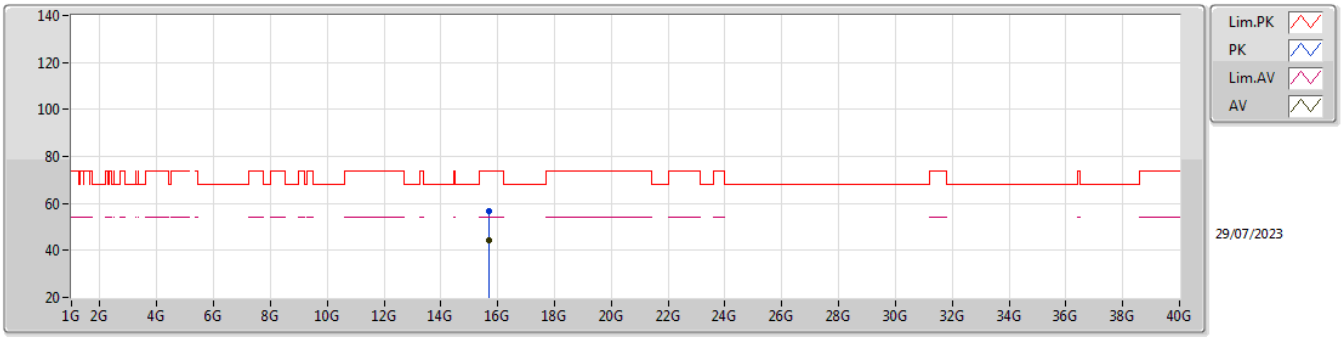


EUT Y_2TX
Setting 19.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6904G	56.72	74.00	-17.28	40.53	3	Vertical	46	1.31	-	37.78	10.38	31.97
AV	15.68846G	44.50	54.00	-9.50	28.31	3	Vertical	46	1.31	-	37.78	10.38	31.97

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

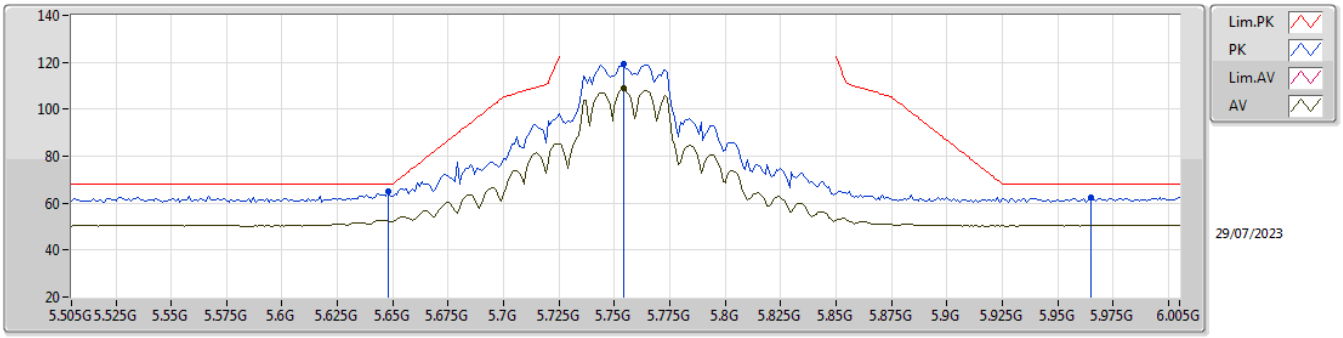


EUT Y_2TX
Setting 19.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.69278G	56.49	74.00	-17.51	40.29	3	Horizontal	168	2.10	-	37.79	10.38	31.97
AV	15.6932G	44.52	54.00	-9.48	28.32	3	Horizontal	168	2.10	-	37.79	10.38	31.97

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

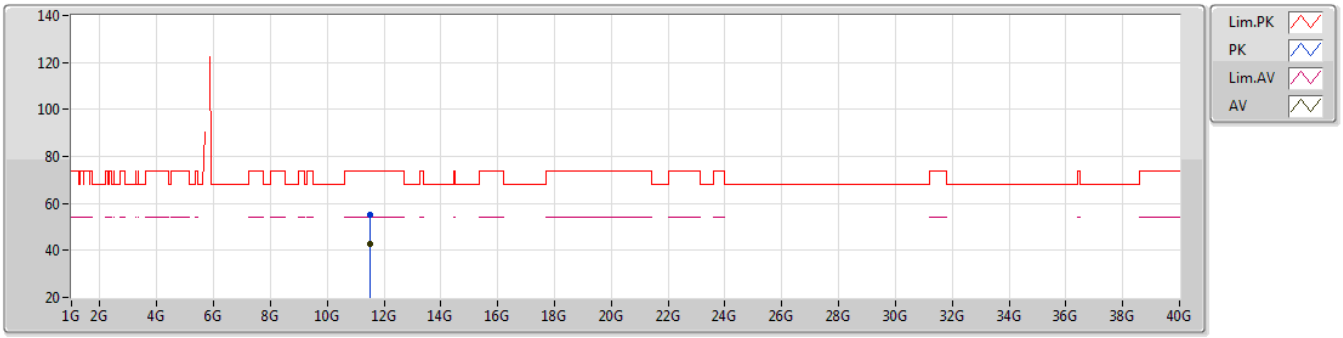


EUT Y_2TX
Setting 21.5
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	64.91	68.20	-3.29	55.94	3	Vertical	179	2.22	-	33.90	6.10	31.03
PK	5.754G	119.20	Inf	-Inf	110.18	3	Vertical	179	2.22	-	34.00	6.10	31.08
AV	5.754G	108.73	Inf	-Inf	99.71	3	Vertical	179	2.22	-	34.00	6.10	31.08
PK	5.965G	62.57	68.20	-5.63	53.18	3	Vertical	179	2.22	-	34.30	6.26	31.17

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

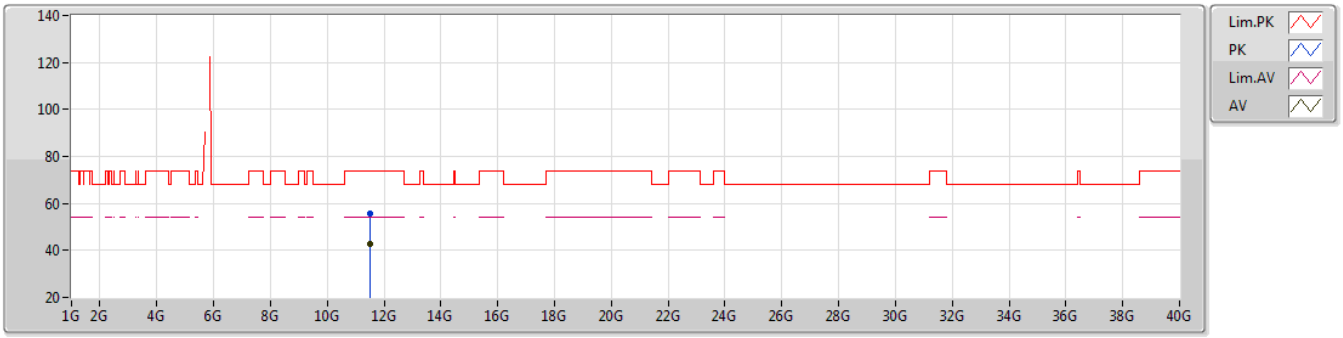


EUT Y_2TX
Setting 21.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51214G	55.10	74.00	-18.90	39.46	3	Vertical	206	1.52	-	38.95	8.83	32.14
AV	11.50564G	42.63	54.00	-11.37	27.03	3	Vertical	206	1.52	-	38.92	8.83	32.15

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

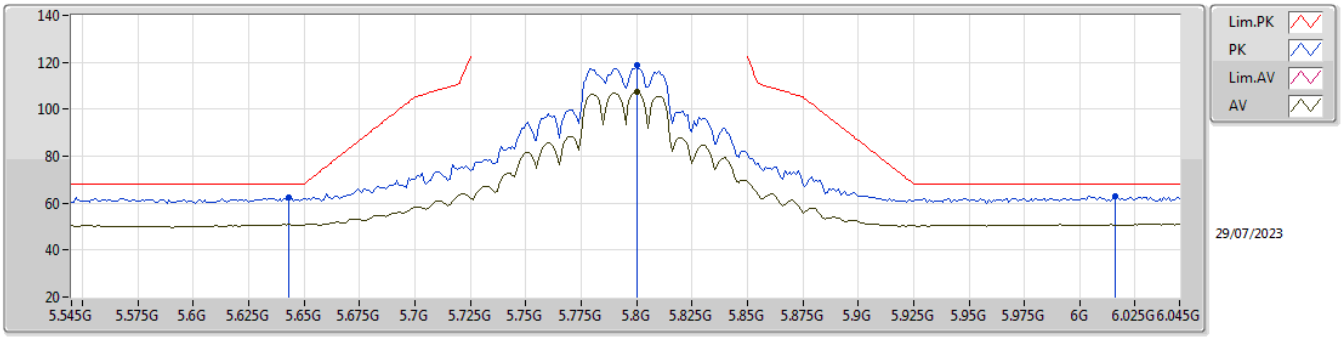


EUT Y_2TX
Setting 21.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50812G	55.85	74.00	-18.15	40.24	3	Horizontal	194	2.06	-	38.93	8.83	32.15
AV	11.51278G	42.70	54.00	-11.30	27.06	3	Horizontal	194	2.06	-	38.95	8.83	32.14

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

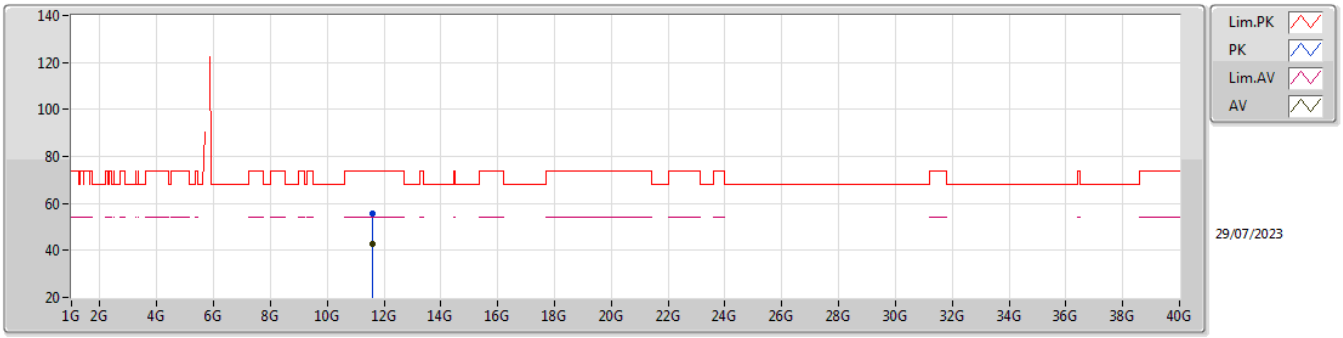


EUT Y_2TX
Setting 21
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.643G	62.45	68.20	-5.75	53.47	3	Vertical	178	2.76	-	33.91	6.10	31.03
PK	5.8G	118.87	Inf	-Inf	109.88	3	Vertical	178	2.76	-	34.00	6.09	31.10
AV	5.8G	107.46	Inf	-Inf	98.47	3	Vertical	178	2.76	-	34.00	6.09	31.10
PK	6.016G	63.00	68.20	-5.20	53.54	3	Vertical	178	2.76	-	34.36	6.30	31.20

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

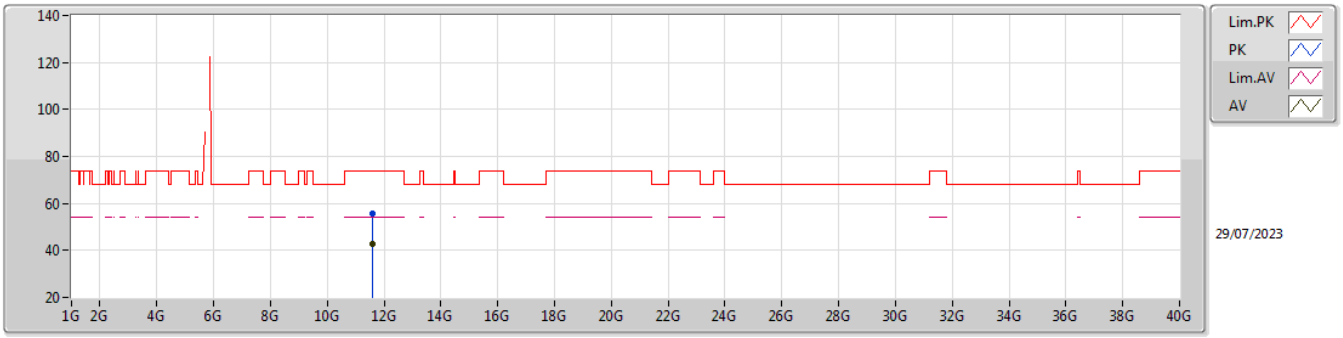


EUT Y_2TX
Setting 21
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59418G	55.48	74.00	-18.52	39.33	3	Vertical	292	1.79	-	39.28	8.86	31.99
AV	11.5927G	42.94	54.00	-11.06	26.81	3	Vertical	292	1.79	-	39.27	8.86	32.00

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

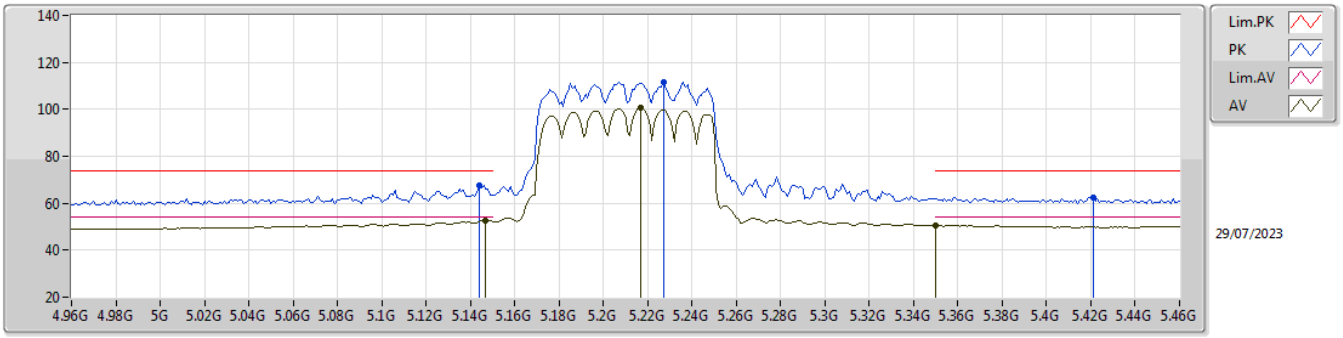


EUT Y_2TX
Setting 21
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59496G	55.93	74.00	-18.07	39.78	3	Horizontal	273	1.03	-	39.28	8.86	31.99
AV	11.5939G	42.85	54.00	-11.15	26.70	3	Horizontal	273	1.03	-	39.28	8.86	31.99

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

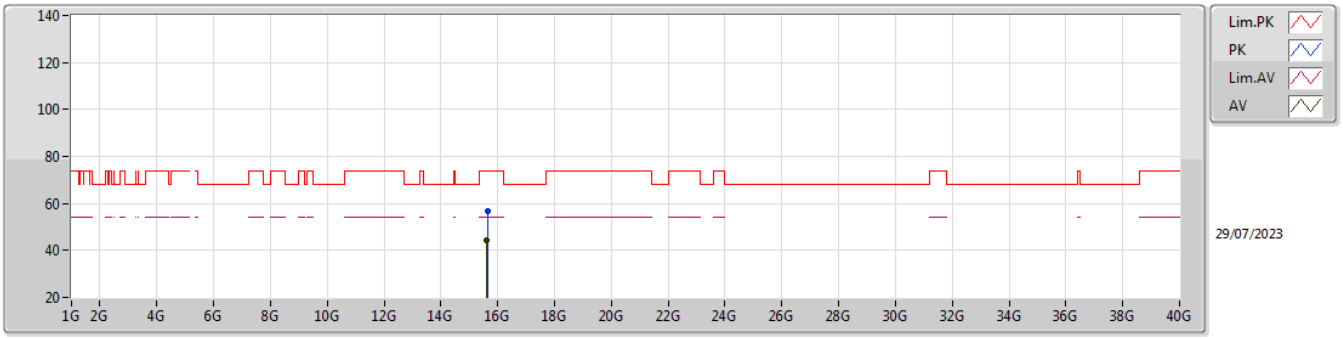


EUT Y_2TX
Setting 18
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.144G	67.83	74.00	-6.17	59.15	3	Vertical	0	1.95	-	33.59	5.77	30.68
AV	5.147G	52.80	54.00	-1.20	44.12	3	Vertical	0	1.95	-	33.59	5.77	30.68
PK	5.227G	111.65	Inf	-Inf	102.78	3	Vertical	0	1.95	-	33.80	5.81	30.74
AV	5.217G	100.52	Inf	-Inf	91.64	3	Vertical	0	1.95	-	33.80	5.81	30.73
PK	5.421G	62.63	74.00	-11.37	53.57	3	Vertical	0	1.95	-	34.04	5.92	30.90
AV	5.35G	50.55	54.00	-3.45	41.52	3	Vertical	0	1.95	-	34.00	5.87	30.84

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

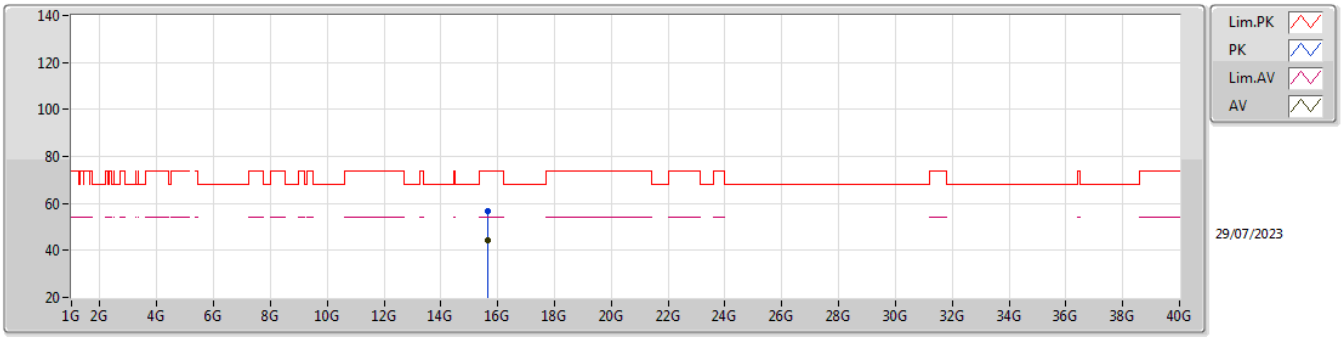


EUT Y_2TX
Setting 18
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6315G	56.94	74.00	-17.06	40.85	3	Vertical	112	2.72	-	37.70	10.35	31.96
AV	15.62556G	44.56	54.00	-9.44	28.47	3	Vertical	112	2.72	-	37.70	10.35	31.96

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

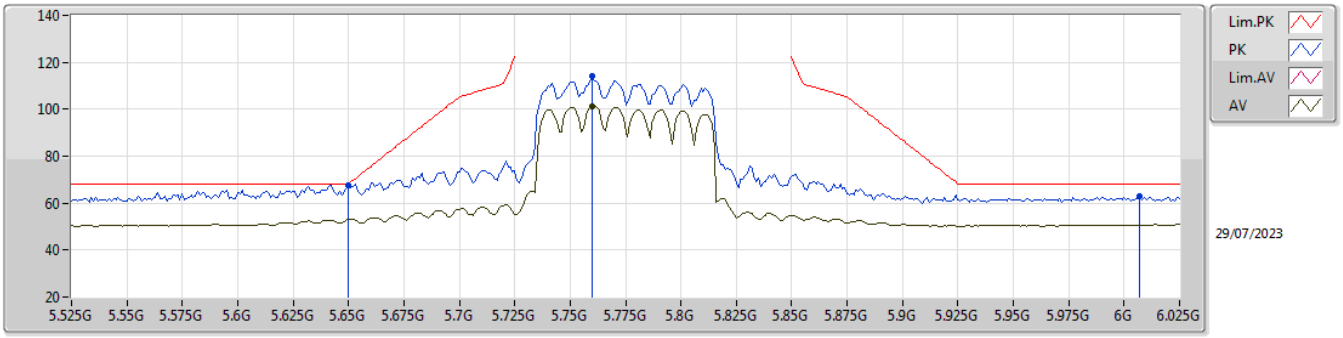


EUT Y_2TX
Setting 18
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.63106G	56.85	74.00	-17.15	40.76	3	Horizontal	247	2.84	-	37.70	10.35	31.96
AV	15.63112G	44.48	54.00	-9.52	28.39	3	Horizontal	247	2.84	-	37.70	10.35	31.96

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX

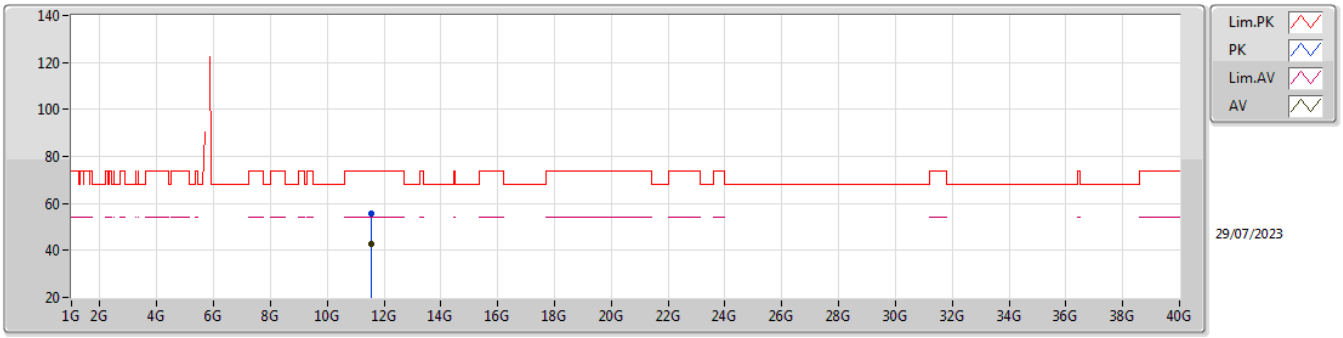


EUT Y_2TX
Setting 18
02-L-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	67.73	68.20	-0.47	58.76	3	Vertical	177	2.22	-	33.90	6.10	31.03
PK	5.76G	114.25	Inf	-Inf	105.23	3	Vertical	177	2.22	-	34.00	6.10	31.08
AV	5.76G	101.27	Inf	-Inf	92.25	3	Vertical	177	2.22	-	34.00	6.10	31.08
PK	6.007G	62.69	68.20	-5.51	53.25	3	Vertical	177	2.22	-	34.33	6.30	31.19

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX

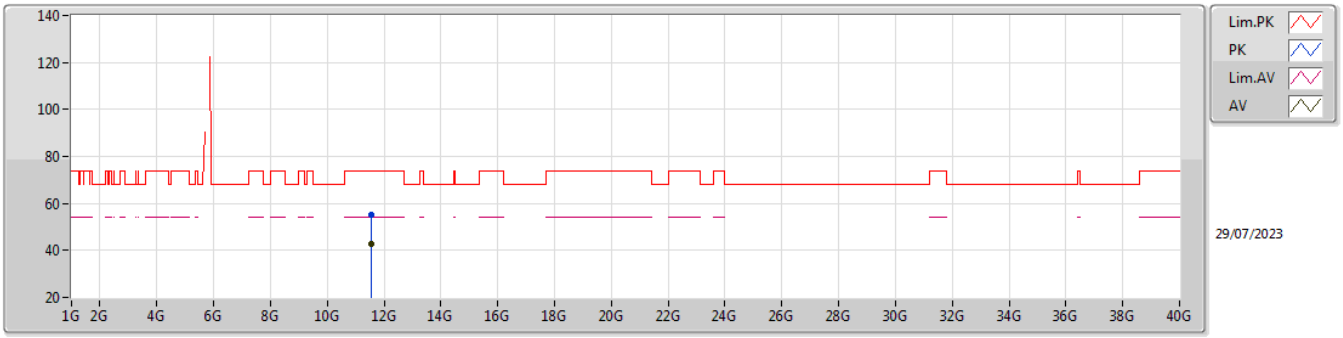


EUT Y_2TX
Setting 18
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5504G	55.49	74.00	-18.51	39.62	3	Vertical	136	2.65	-	39.10	8.84	32.07
AV	11.54522G	42.70	54.00	-11.30	26.86	3	Vertical	136	2.65	-	39.08	8.84	32.08

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



EUT Y_2TX
Setting 18
02-L-S-5

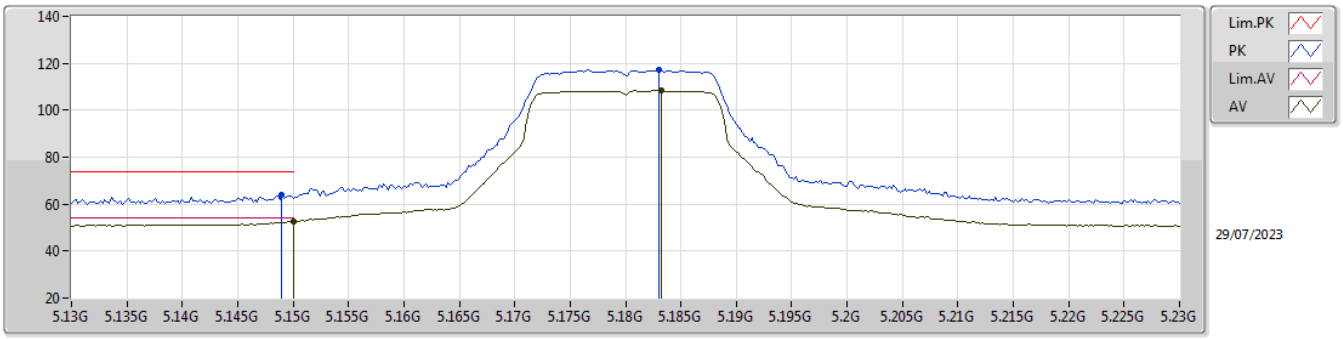
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55266G	55.24	74.00	-18.76	39.36	3	Horizontal	109	1.05	-	39.11	8.84	32.07
AV	11.54878G	42.63	54.00	-11.37	26.76	3	Horizontal	109	1.05	-	39.10	8.84	32.07

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.654G	71.11	71.16	-0.05	3	Vertical	-0	1.77	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

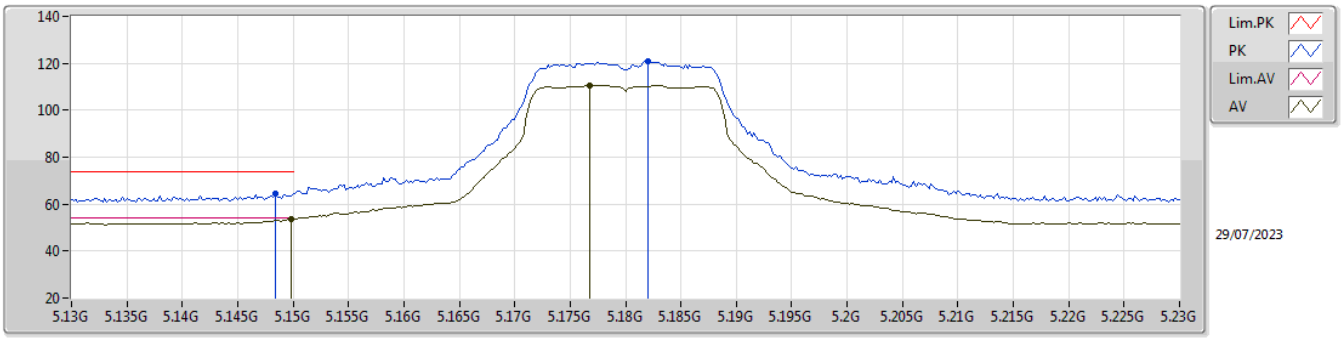


EUT Z_2TX
Setting 16.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	64.08	74.00	-9.92	55.39	3	Vertical	0	2.16	-	33.60	5.77	30.68
AV	5.15G	52.48	54.00	-1.52	43.78	3	Vertical	0	2.16	-	33.60	5.78	30.68
PK	5.183G	117.42	Inf	-Inf	108.61	3	Vertical	0	2.16	-	33.73	5.79	30.71
AV	5.1832G	108.32	Inf	-Inf	99.51	3	Vertical	0	2.16	-	33.73	5.79	30.71

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

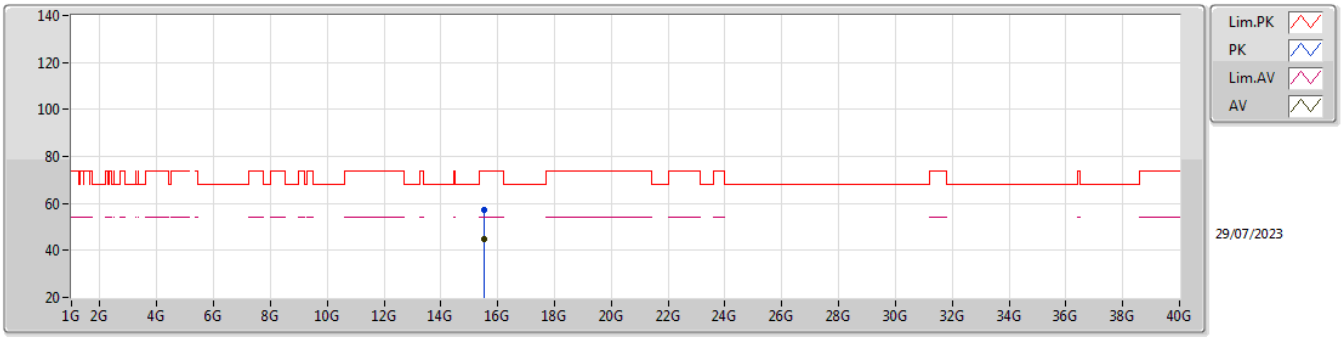


EUT Z_2TX
Setting 16.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	64.56	74.00	-9.44	55.87	3	Horizontal	-0	1.64	-	33.60	5.77	30.68
AV	5.1498G	53.58	54.00	-0.42	44.89	3	Horizontal	-0	1.64	-	33.60	5.77	30.68
PK	5.182G	120.97	Inf	-Inf	112.16	3	Horizontal	-0	1.64	-	33.73	5.79	30.71
AV	5.1768G	110.63	Inf	-Inf	101.83	3	Horizontal	-0	1.64	-	33.71	5.79	30.70

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

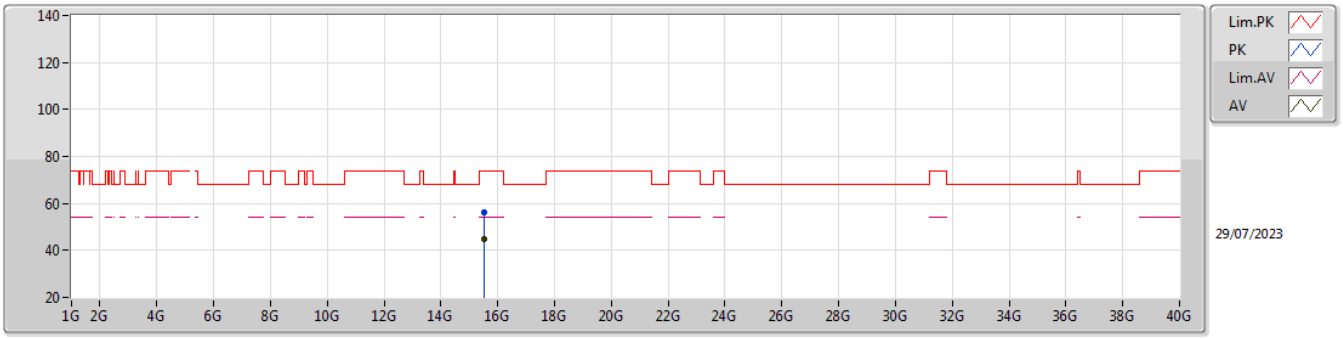


EUT Z_2TX
Setting 16.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5406G	57.16	74.00	-16.84	40.95	3	Vertical	27	2.73	-	37.84	10.32	31.95
AV	15.54308G	45.08	54.00	-8.92	28.88	3	Vertical	27	2.73	-	37.83	10.32	31.95

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

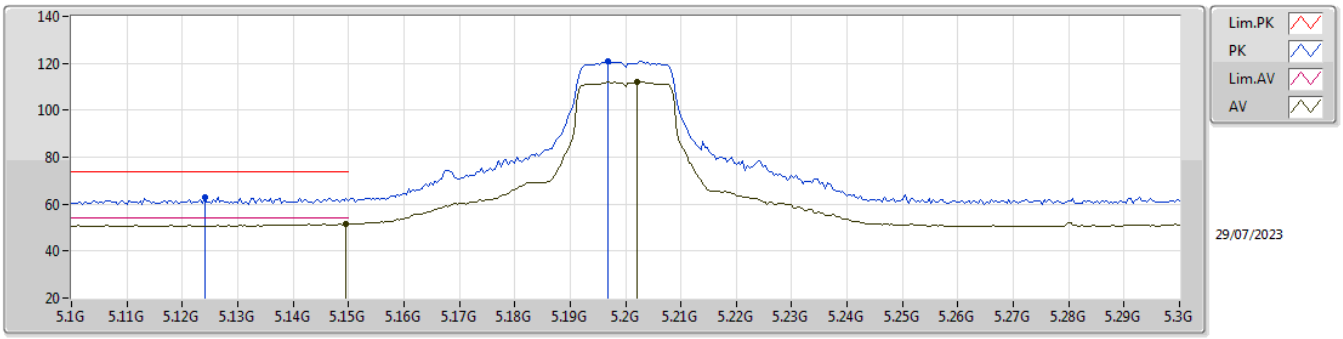


EUT Z_2TX
Setting 16.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53698G	56.39	74.00	-17.61	40.18	3	Horizontal	57	2.38	-	37.85	10.31	31.95
AV	15.5429G	45.07	54.00	-8.93	28.87	3	Horizontal	57	2.38	-	37.83	10.32	31.95

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

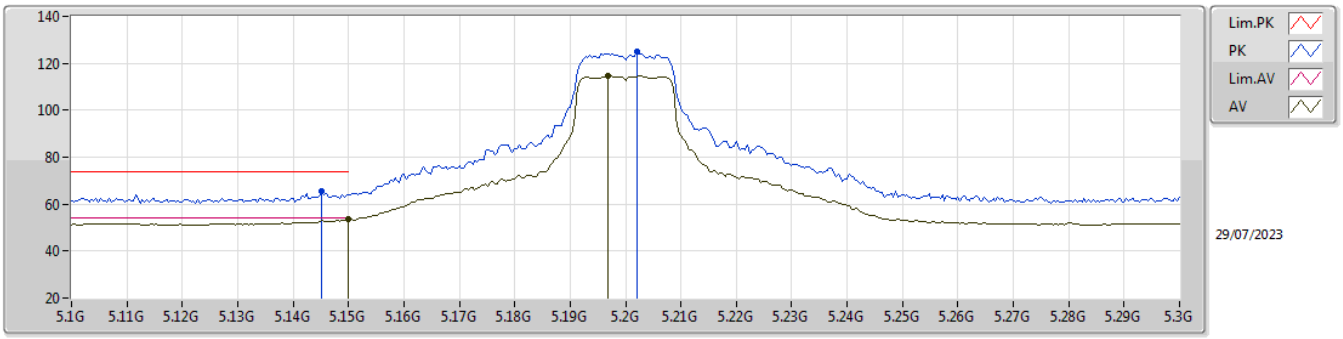


EUT Z_2TX
Setting 20
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.124G	62.91	74.00	-11.09	54.26	3	Vertical	360	2.16	-	33.55	5.76	30.66
AV	5.1496G	51.57	54.00	-2.43	42.88	3	Vertical	360	2.16	-	33.60	5.77	30.68
PK	5.1968G	120.87	Inf	-Inf	112.00	3	Vertical	360	2.16	-	33.79	5.80	30.72
AV	5.202G	112.03	Inf	-Inf	103.15	3	Vertical	360	2.16	-	33.80	5.80	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

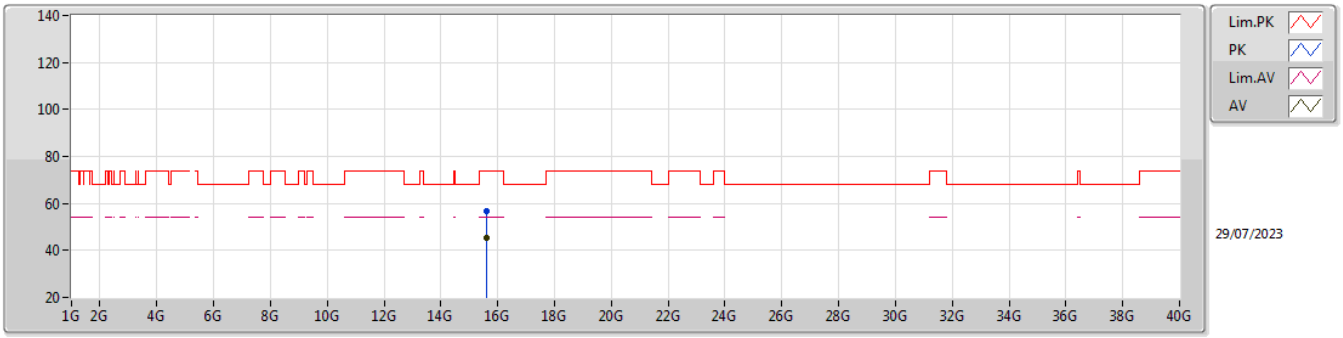


EUT Z_2TX
Setting 20
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1452G	65.56	74.00	-8.44	56.88	3	Horizontal	360	1.62	-	33.59	5.77	30.68
AV	5.15G	53.44	54.00	-0.56	44.74	3	Horizontal	360	1.62	-	33.60	5.78	30.68
PK	5.202G	125.05	Inf	-Inf	116.17	3	Horizontal	360	1.62	-	33.80	5.80	30.72
AV	5.1968G	114.65	Inf	-Inf	105.78	3	Horizontal	360	1.62	-	33.79	5.80	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

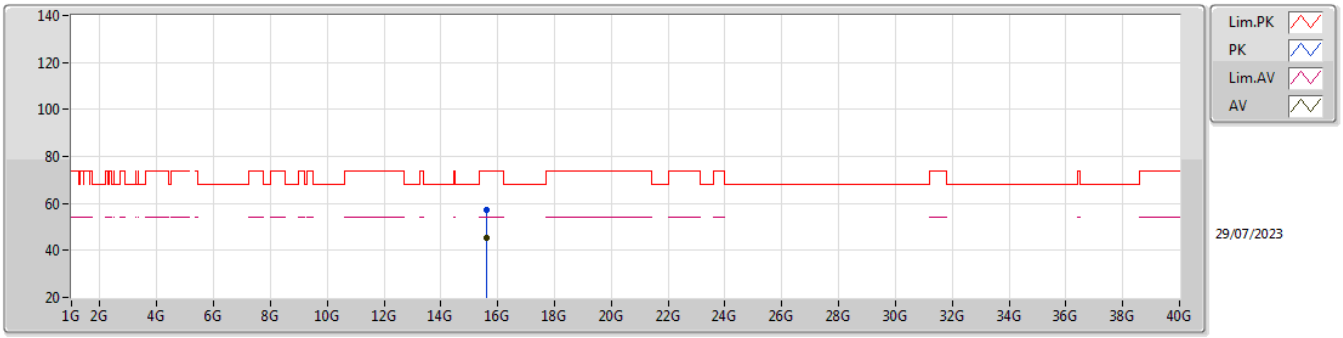


EUT Z_2TX
Setting 20
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59944G	56.75	74.00	-17.25	40.67	3	Vertical	265	1.34	-	37.70	10.34	31.96
AV	15.59572G	45.44	54.00	-8.56	29.35	3	Vertical	265	1.34	-	37.71	10.34	31.96

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

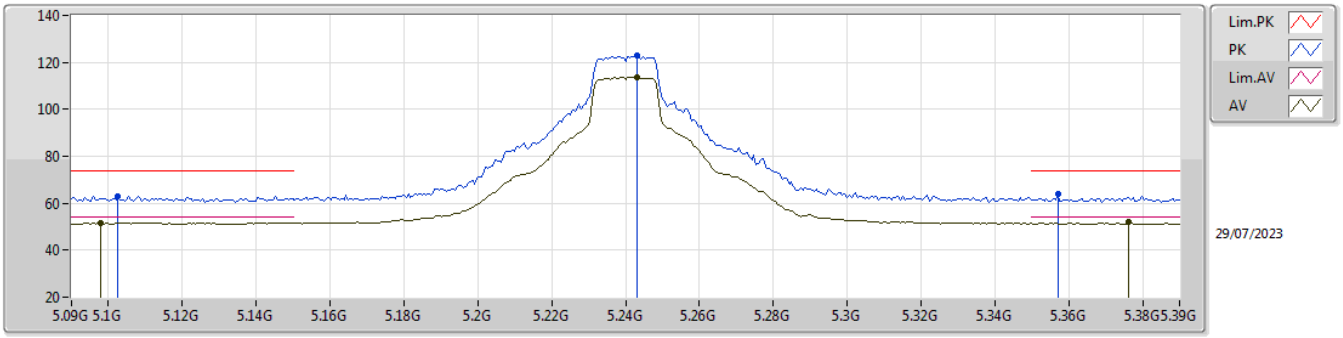


EUT Z_2TX
Setting 20
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59588G	57.19	74.00	-16.81	41.10	3	Horizontal	167	3.00	-	37.71	10.34	31.96
AV	15.59746G	45.34	54.00	-8.66	29.25	3	Horizontal	167	3.00	-	37.71	10.34	31.96

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

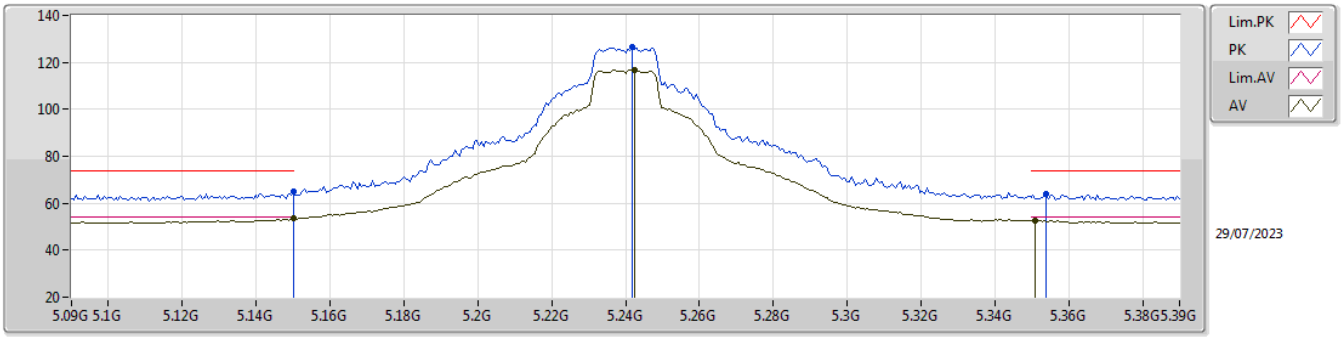


EUT Z_2TX
Setting 22.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1026G	63.05	74.00	-10.95	54.43	3	Vertical	360	1.94	-	33.51	5.75	30.64
AV	5.0978G	51.62	54.00	-2.38	43.01	3	Vertical	360	1.94	-	33.50	5.75	30.64
PK	5.243G	123.01	Inf	-Inf	114.14	3	Vertical	360	1.94	-	33.80	5.82	30.75
AV	5.243G	113.82	Inf	-Inf	104.95	3	Vertical	360	1.94	-	33.80	5.82	30.75
PK	5.357G	64.12	74.00	-9.88	55.09	3	Vertical	360	1.94	-	34.00	5.88	30.85
AV	5.3762G	52.02	54.00	-1.98	42.99	3	Vertical	360	1.94	-	34.00	5.89	30.86

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

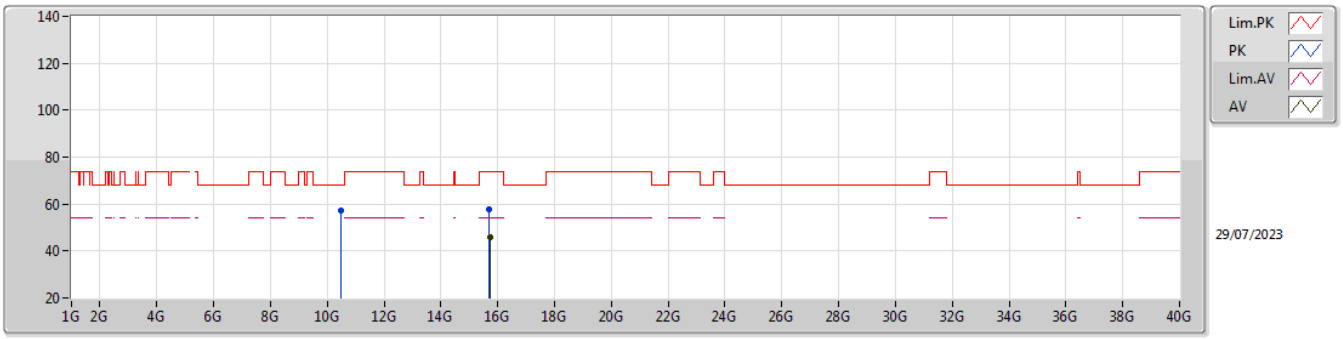


EUT Z_2TX
Setting 22.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	64.86	74.00	-9.14	56.16	3	Horizontal	360	1.64	-	33.60	5.78	30.68
AV	5.15G	53.44	54.00	-0.56	44.74	3	Horizontal	360	1.64	-	33.60	5.78	30.68
PK	5.2418G	126.70	Inf	-Inf	117.83	3	Horizontal	360	1.64	-	33.80	5.82	30.75
AV	5.2424G	116.63	Inf	-Inf	107.76	3	Horizontal	360	1.64	-	33.80	5.82	30.75
PK	5.354G	63.89	74.00	-10.11	54.85	3	Horizontal	360	1.64	-	34.00	5.88	30.84
AV	5.351G	52.53	54.00	-1.47	43.49	3	Horizontal	360	1.64	-	34.00	5.88	30.84

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

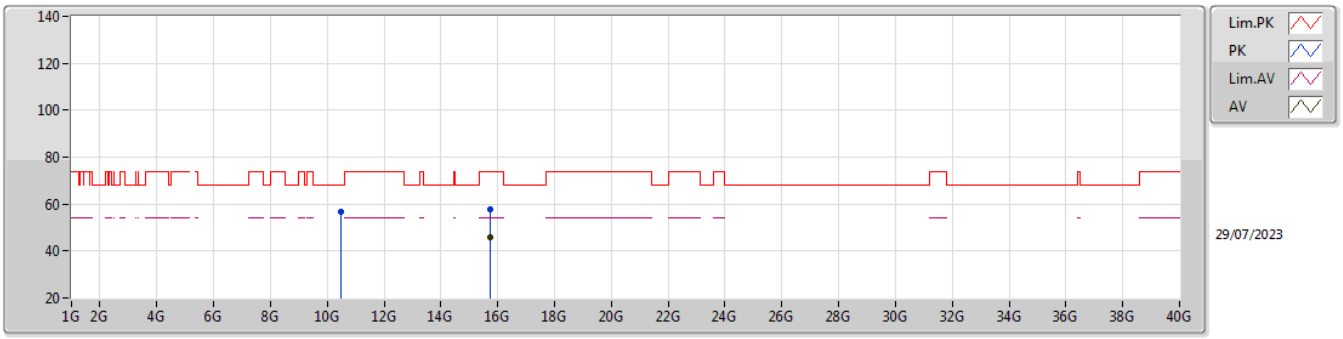


EUT Z_2TX
Setting 22.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48256G	57.40	68.20	-10.80	42.34	3	Vertical	261	1.94	-	38.40	8.47	31.81
PK	15.7108G	57.67	74.00	-16.33	41.50	3	Vertical	201	2.95	-	37.76	10.38	31.97
AV	15.7164G	46.02	54.00	-7.98	29.87	3	Vertical	201	2.95	-	37.73	10.39	31.97

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

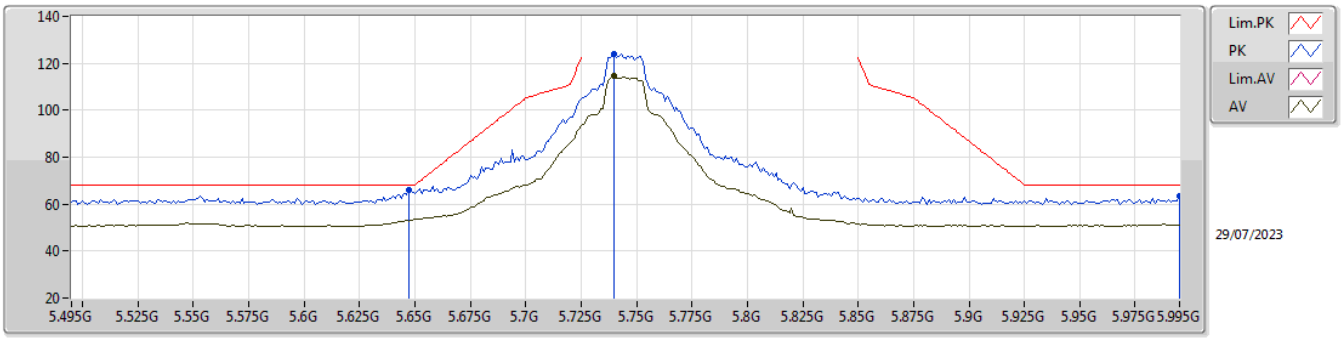


EUT Z_2TX
Setting 22.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48204G	56.47	68.20	-11.73	41.41	3	Horizontal	203	2.66	-	38.40	8.47	31.81
PK	15.7274G	57.87	74.00	-16.13	41.76	3	Horizontal	208	1.80	-	37.69	10.39	31.97
AV	15.72188G	45.78	54.00	-8.22	29.65	3	Horizontal	208	1.80	-	37.71	10.39	31.97

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

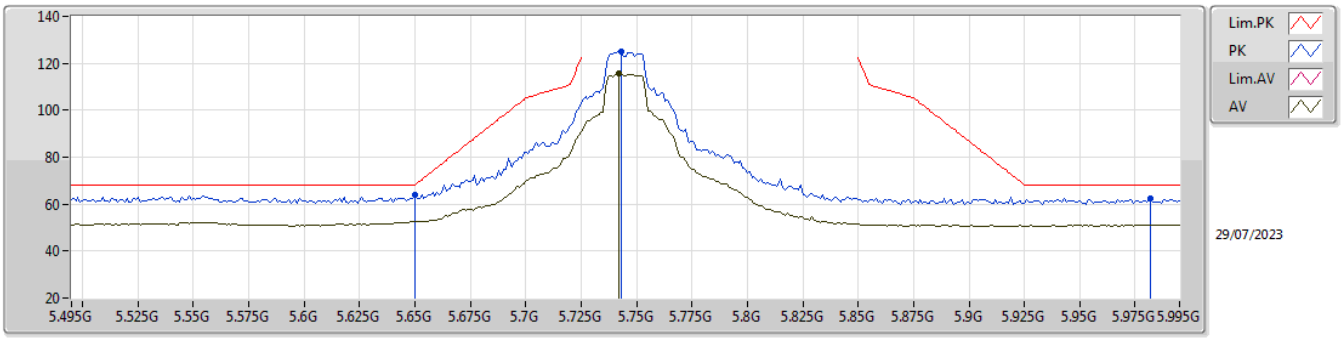


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.647G	65.82	68.20	-2.38	56.84	3	Vertical	-0	1.94	-	33.91	6.10	31.03
PK	5.74G	123.87	Inf	-Inf	114.84	3	Vertical	-0	1.94	-	34.00	6.10	31.07
AV	5.74G	114.42	Inf	-Inf	105.39	3	Vertical	-0	1.94	-	34.00	6.10	31.07
PK	5.995G	63.26	68.20	-4.94	53.86	3	Vertical	-0	1.94	-	34.30	6.29	31.19

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

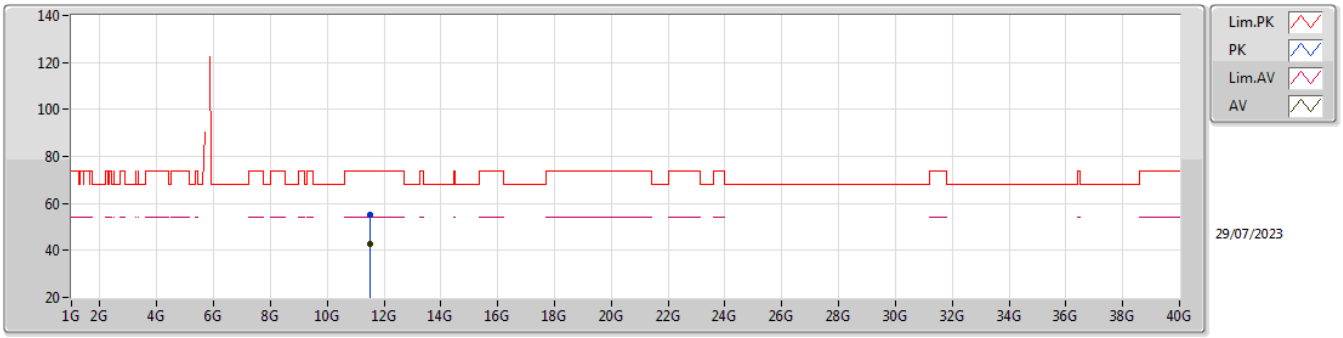


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	63.86	68.20	-4.34	54.89	3	Horizontal	5	1.76	-	33.90	6.10	31.03
PK	5.743G	124.78	Inf	-Inf	115.75	3	Horizontal	5	1.76	-	34.00	6.10	31.07
AV	5.742G	115.61	Inf	-Inf	106.58	3	Horizontal	5	1.76	-	34.00	6.10	31.07
PK	5.982G	62.30	68.20	-5.90	52.90	3	Horizontal	5	1.76	-	34.30	6.28	31.18

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

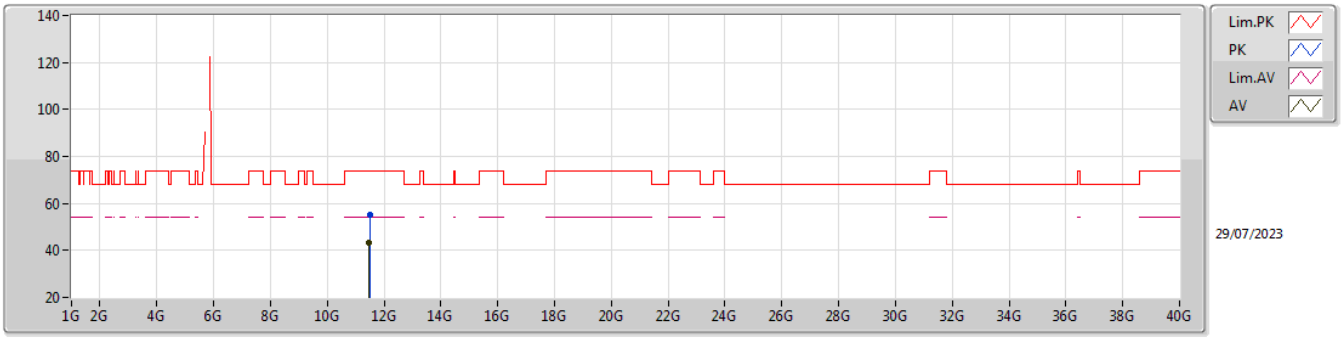


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4935G	55.11	74.00	-18.89	39.56	3	Vertical	163	2.79	-	38.89	8.82	32.16
AV	11.49004G	42.99	54.00	-11.01	27.45	3	Vertical	163	2.79	-	38.88	8.82	32.16

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

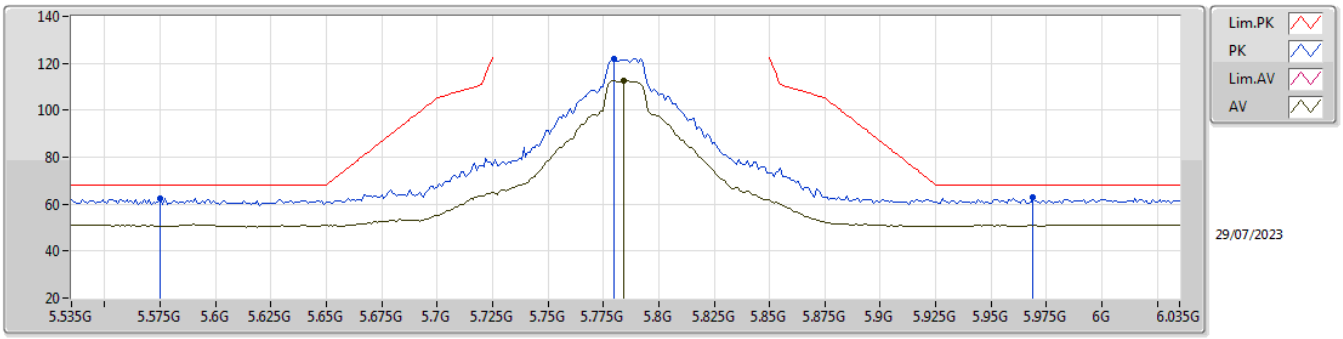


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49044G	55.38	74.00	-18.62	39.84	3	Horizontal	174	1.28	-	38.88	8.82	32.16
AV	11.48602G	43.10	54.00	-10.90	27.57	3	Horizontal	174	1.28	-	38.87	8.82	32.16

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

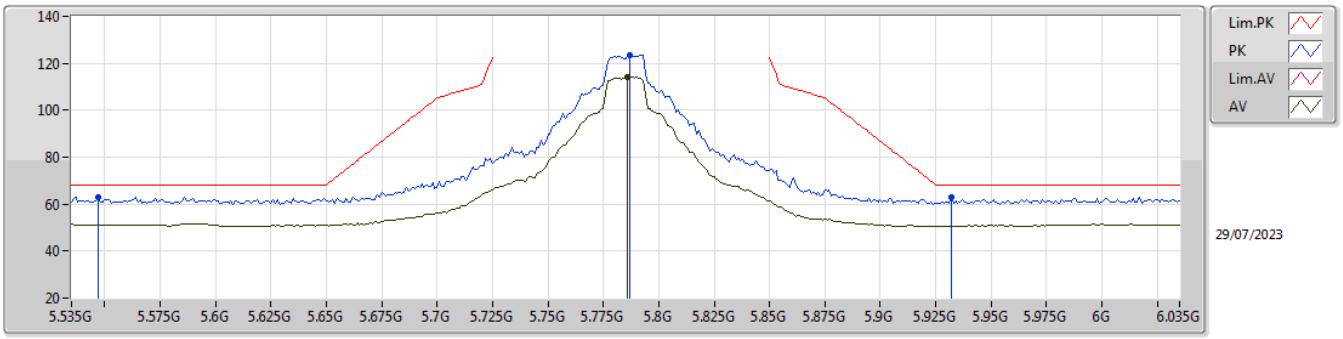


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.575G	62.42	68.20	-5.78	53.29	3	Vertical	360	1.84	-	34.05	6.07	30.99
PK	5.78G	122.11	Inf	-Inf	113.10	3	Vertical	360	1.84	-	34.00	6.10	31.09
AV	5.784G	112.80	Inf	-Inf	103.79	3	Vertical	360	1.84	-	34.00	6.10	31.09
PK	5.969G	62.79	68.20	-5.41	53.40	3	Vertical	360	1.84	-	34.30	6.27	31.18

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

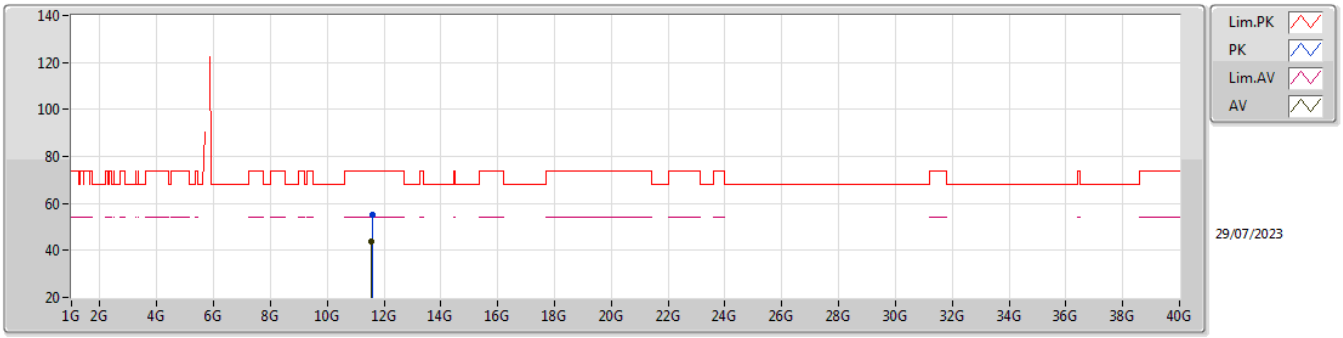


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.547G	63.17	68.20	-5.03	54.00	3	Horizontal	3	1.59	-	34.10	6.05	30.98
PK	5.787G	123.69	Inf	-Inf	114.68	3	Horizontal	3	1.59	-	34.00	6.10	31.09
AV	5.786G	114.24	Inf	-Inf	105.23	3	Horizontal	3	1.59	-	34.00	6.10	31.09
PK	5.932G	62.84	68.20	-5.36	53.51	3	Horizontal	3	1.59	-	34.26	6.23	31.16

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

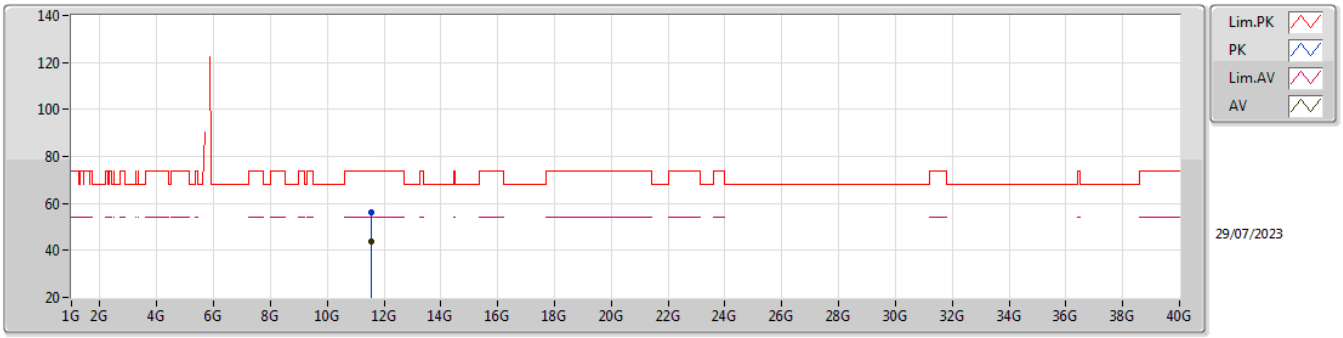


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57322G	55.09	74.00	-18.91	39.08	3	Vertical	355	2.11	-	39.19	8.85	32.03
AV	11.57168G	43.78	54.00	-10.22	27.77	3	Vertical	355	2.11	-	39.19	8.85	32.03

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

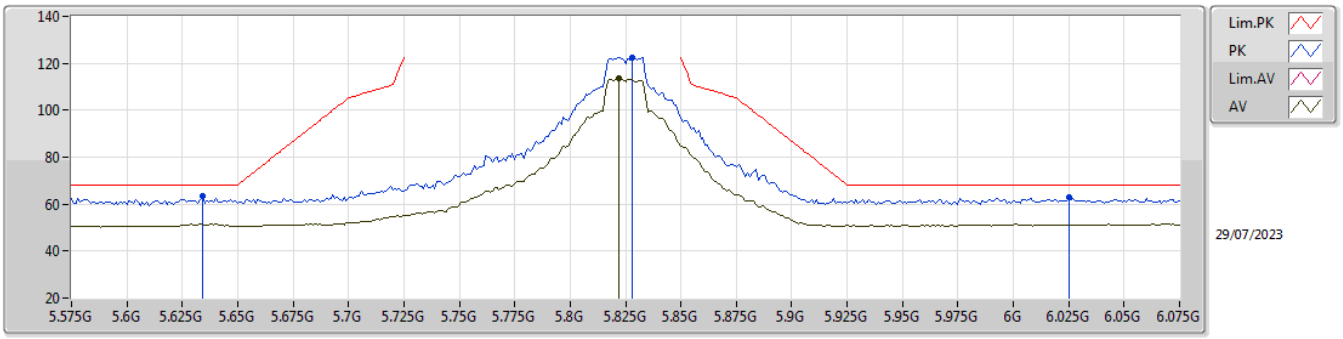


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57186G	55.99	74.00	-18.01	39.98	3	Horizontal	142	1.21	-	39.19	8.85	32.03
AV	11.57132G	43.68	54.00	-10.32	27.67	3	Horizontal	142	1.21	-	39.19	8.85	32.03

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

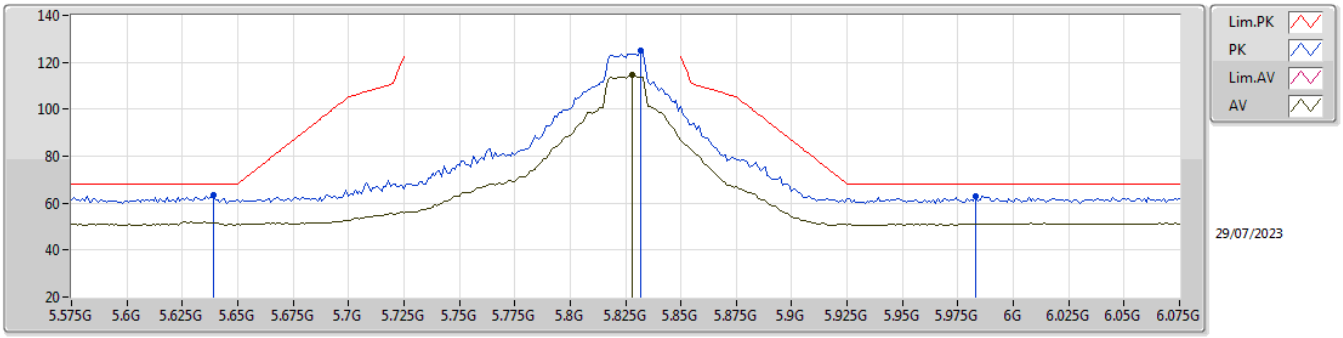


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.634G	63.65	68.20	-4.55	54.64	3	Vertical	360	1.82	-	33.93	6.10	31.02
PK	5.828G	122.61	Inf	-Inf	113.60	3	Vertical	360	1.82	-	34.00	6.12	31.11
AV	5.822G	113.49	Inf	-Inf	104.49	3	Vertical	360	1.82	-	34.00	6.11	31.11
PK	6.025G	63.13	68.20	-5.07	53.63	3	Vertical	360	1.82	-	34.40	6.30	31.20

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

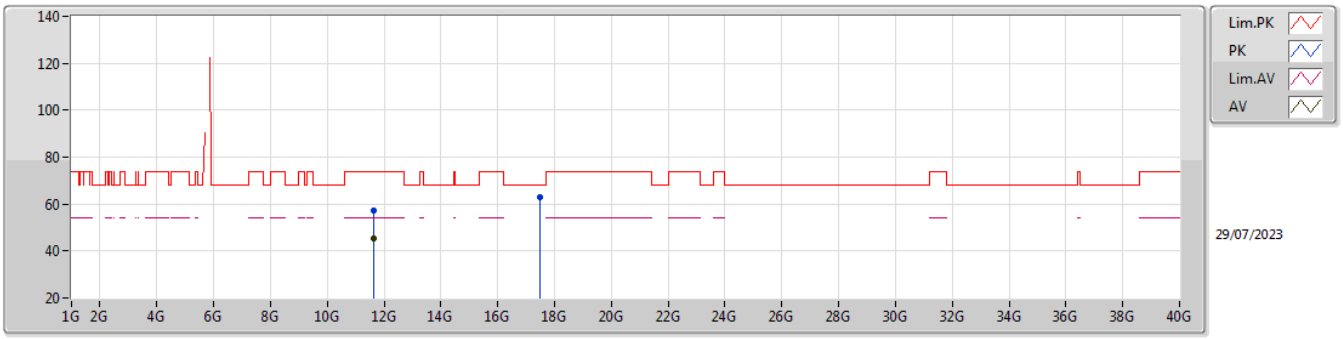


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.639G	63.20	68.20	-5.00	54.20	3	Horizontal	4	1.55	-	33.92	6.10	31.02
PK	5.832G	124.77	Inf	-Inf	115.76	3	Horizontal	4	1.55	-	34.00	6.12	31.11
AV	5.828G	114.68	Inf	-Inf	105.67	3	Horizontal	4	1.55	-	34.00	6.12	31.11
PK	5.983G	62.80	68.20	-5.40	53.40	3	Horizontal	4	1.55	-	34.30	6.28	31.18

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

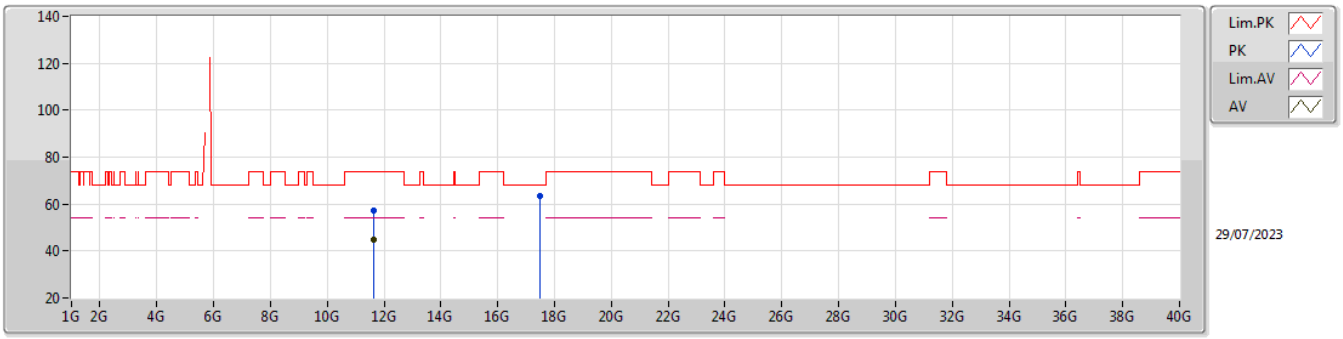


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65316G	57.01	74.00	-16.99	40.71	3	Vertical	255	1.85	-	39.31	8.88	31.89
AV	11.64984G	45.44	54.00	-8.56	29.16	3	Vertical	255	1.85	-	39.30	8.88	31.90
PK	17.47928G	63.07	68.20	-5.13	40.78	3	Vertical	360	1.80	-	43.73	11.02	32.46

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

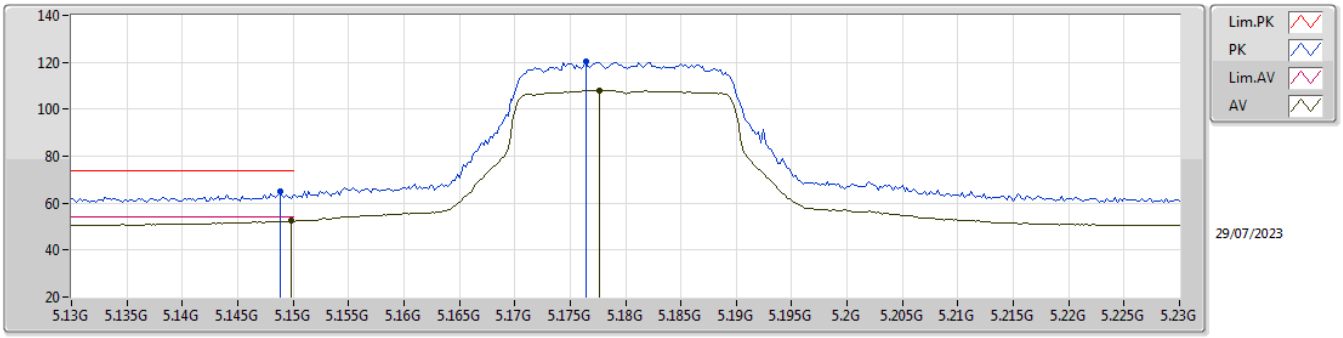


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65348G	57.36	74.00	-16.64	41.06	3	Horizontal	339	1.06	-	39.31	8.88	31.89
AV	11.6422G	44.69	54.00	-9.31	28.43	3	Horizontal	339	1.06	-	39.30	8.87	31.91
PK	17.47624G	63.28	68.20	-4.92	41.00	3	Horizontal	50	1.97	-	43.71	11.02	32.45

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

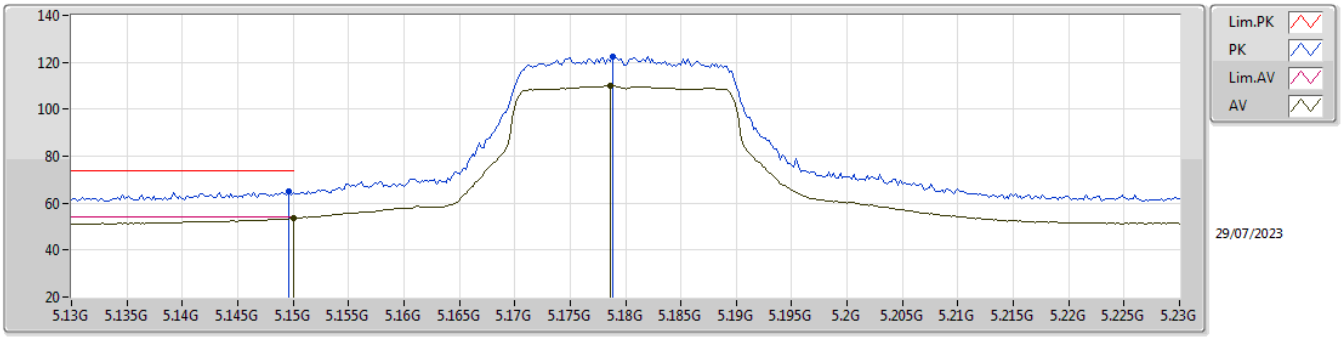


EUT Z_2TX
Setting 17.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	64.89	74.00	-9.11	56.20	3	Vertical	360	2.06	-	33.60	5.77	30.68
AV	5.1498G	52.47	54.00	-1.53	43.78	3	Vertical	360	2.06	-	33.60	5.77	30.68
PK	5.1764G	120.31	Inf	-Inf	111.51	3	Vertical	360	2.06	-	33.71	5.79	30.70
AV	5.1776G	108.11	Inf	-Inf	99.31	3	Vertical	360	2.06	-	33.71	5.79	30.70

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

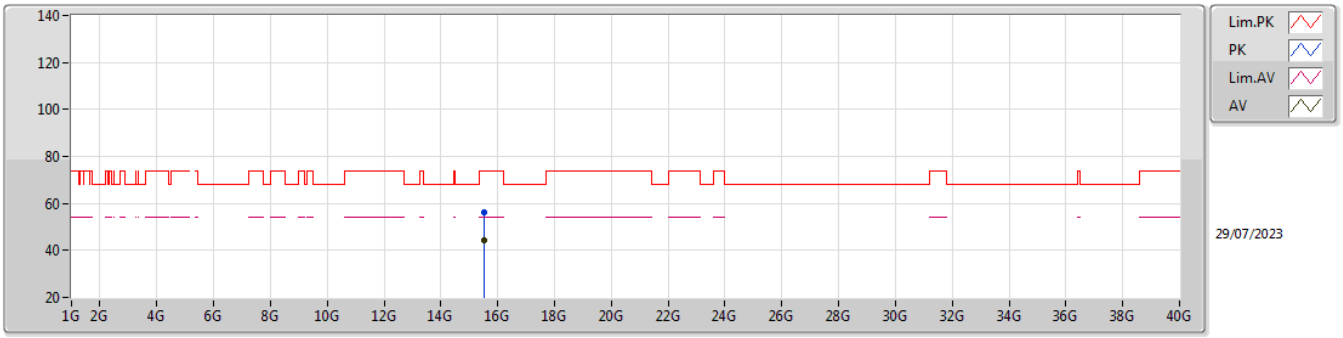


EUT Z_2TX
Setting 17.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	65.21	74.00	-8.79	56.52	3	Horizontal	360	1.75	-	33.60	5.77	30.68
AV	5.15G	53.44	54.00	-0.56	44.74	3	Horizontal	360	1.75	-	33.60	5.78	30.68
PK	5.1788G	122.56	Inf	-Inf	113.75	3	Horizontal	360	1.75	-	33.72	5.79	30.70
AV	5.1786G	109.85	Inf	-Inf	101.05	3	Horizontal	360	1.75	-	33.71	5.79	30.70

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

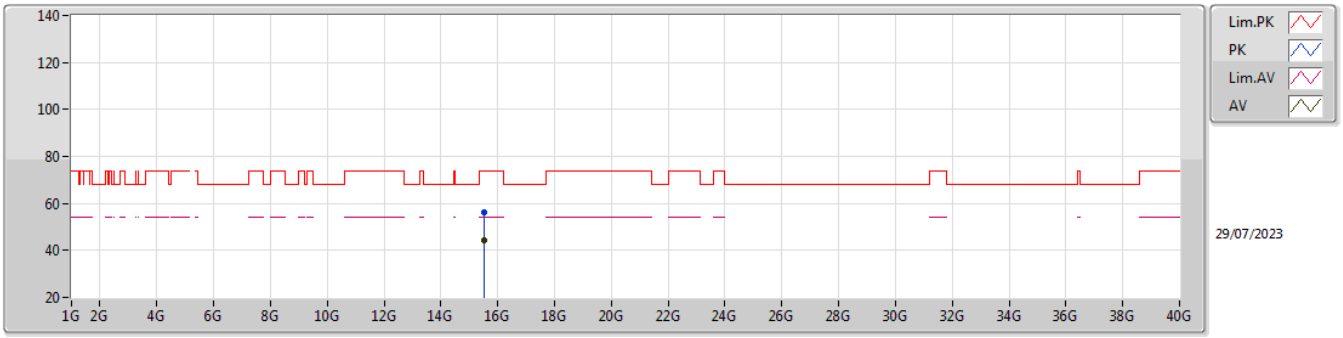


EUT Z_2TX
Setting 17.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54308G	56.25	74.00	-17.75	40.05	3	Vertical	172	1.10	-	37.83	10.32	31.95
AV	15.54002G	44.53	54.00	-9.47	28.32	3	Vertical	172	1.10	-	37.84	10.32	31.95

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

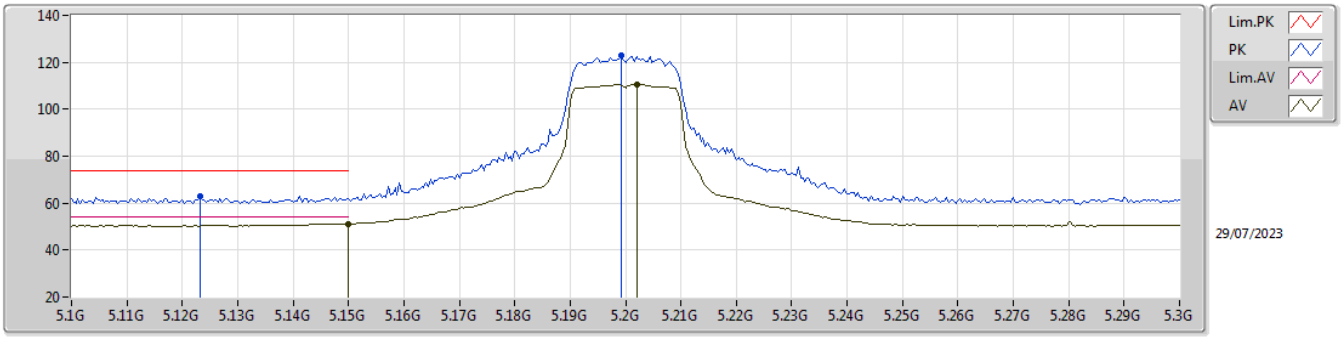


EUT Z_2TX
Setting 17.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54238G	56.42	74.00	-17.58	40.22	3	Horizontal	344	1.33	-	37.83	10.32	31.95
AV	15.539G	44.53	54.00	-9.47	28.32	3	Horizontal	344	1.33	-	37.84	10.32	31.95

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

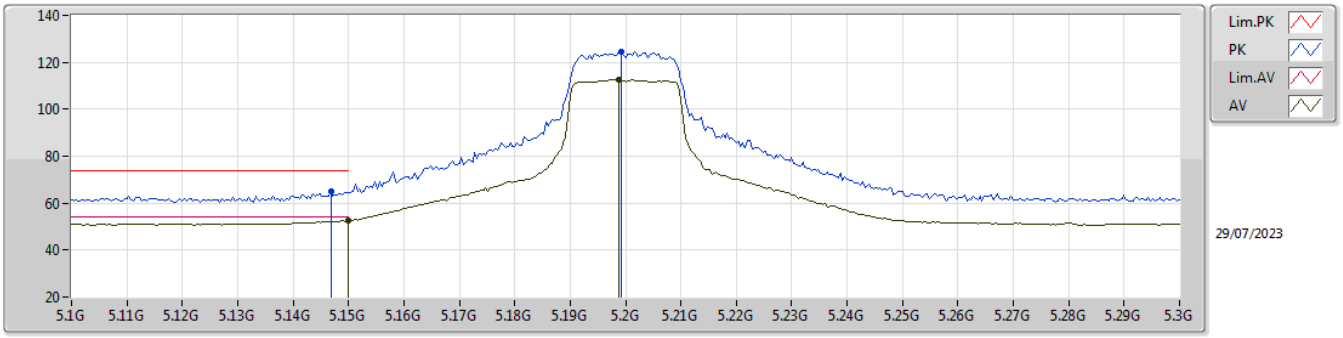


EUT Z_2TX
Setting 20
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1232G	63.08	74.00	-10.92	54.43	3	Vertical	360	2.16	-	33.55	5.76	30.66
AV	5.15G	51.19	54.00	-2.81	42.49	3	Vertical	360	2.16	-	33.60	5.78	30.68
PK	5.1992G	122.75	Inf	-Inf	113.87	3	Vertical	360	2.16	-	33.80	5.80	30.72
AV	5.202G	110.45	Inf	-Inf	101.57	3	Vertical	360	2.16	-	33.80	5.80	30.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

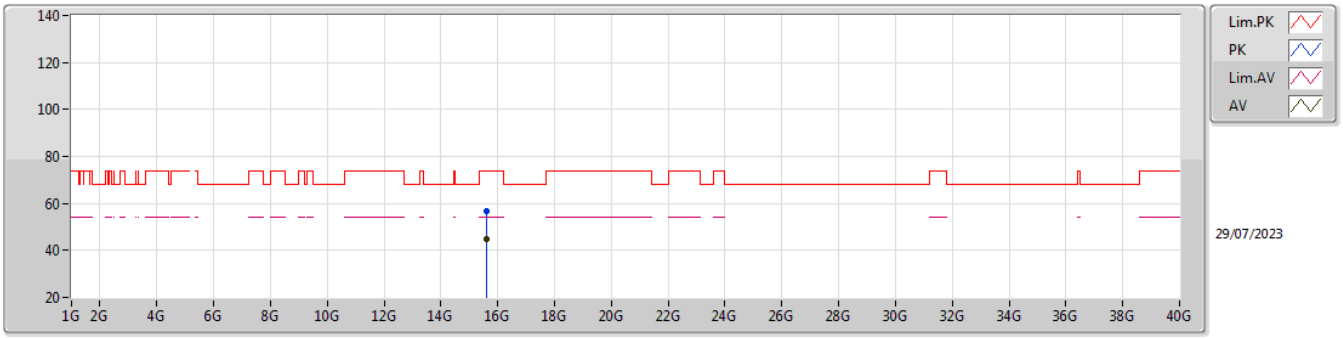


EUT Z_2TX
Setting 20
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1468G	65.17	74.00	-8.83	56.49	3	Horizontal	360	1.56	-	33.59	5.77	30.68
AV	5.15G	52.65	54.00	-1.35	43.95	3	Horizontal	360	1.56	-	33.60	5.78	30.68
PK	5.1992G	124.46	Inf	-Inf	115.58	3	Horizontal	360	1.56	-	33.80	5.80	30.72
AV	5.1988G	112.61	Inf	-Inf	103.73	3	Horizontal	360	1.56	-	33.80	5.80	30.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

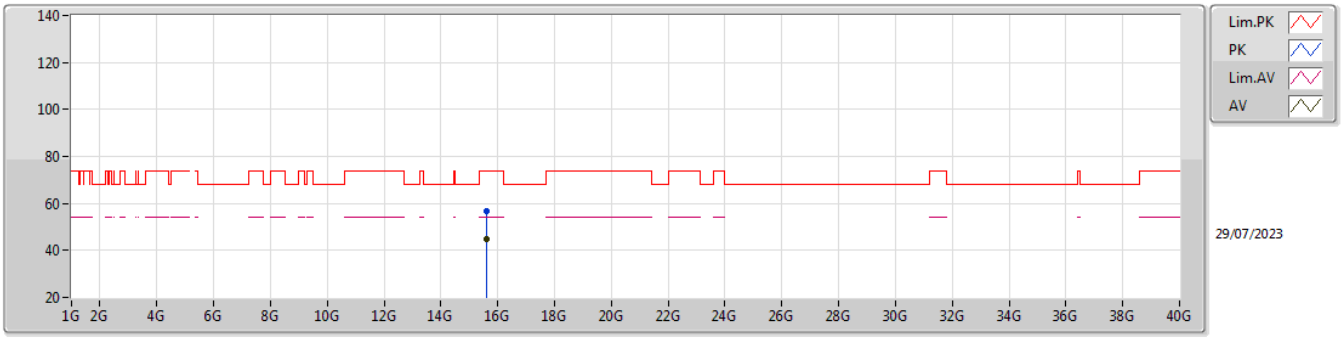


EUT Z_2TX
Setting 20
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60138G	56.95	74.00	-17.05	40.87	3	Vertical	209	1.48	-	37.70	10.34	31.96
AV	15.5995G	44.91	54.00	-9.09	28.83	3	Vertical	209	1.48	-	37.70	10.34	31.96

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

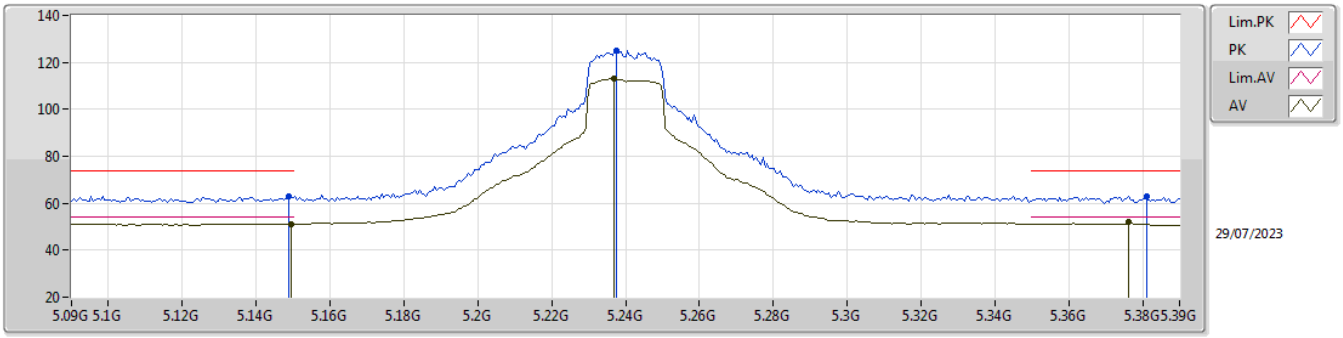


EUT Z_2TX
Setting 20
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59944G	56.86	74.00	-17.14	40.78	3	Horizontal	22	1.98	-	37.70	10.34	31.96
AV	15.59936G	45.02	54.00	-8.98	28.94	3	Horizontal	22	1.98	-	37.70	10.34	31.96

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

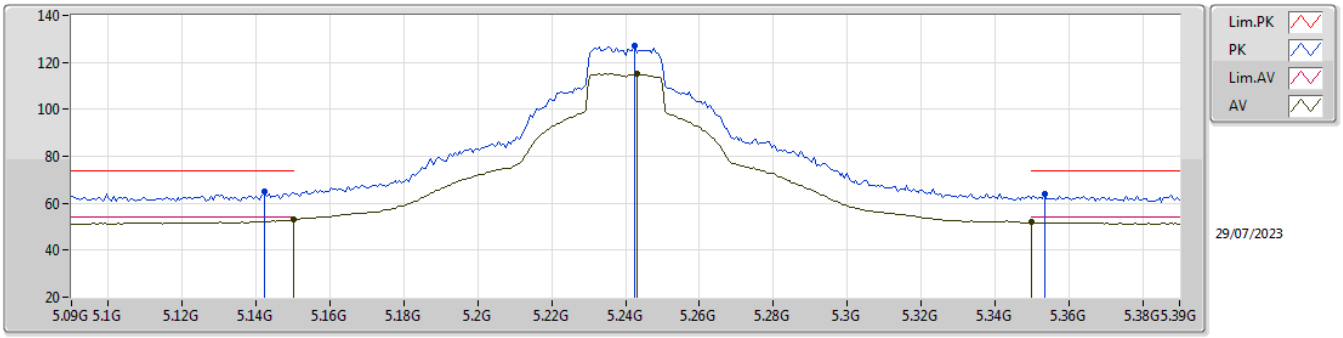


EUT Z_2TX
Setting 22.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	62.89	74.00	-11.11	54.20	3	Vertical	-0	2.14	-	33.60	5.77	30.68
AV	5.1494G	51.19	54.00	-2.81	42.50	3	Vertical	-0	2.14	-	33.60	5.77	30.68
PK	5.2376G	125.05	Inf	-Inf	116.18	3	Vertical	-0	2.14	-	33.80	5.82	30.75
AV	5.237G	112.92	Inf	-Inf	104.05	3	Vertical	-0	2.14	-	33.80	5.82	30.75
PK	5.381G	63.16	74.00	-10.84	54.13	3	Vertical	-0	2.14	-	34.00	5.89	30.86
AV	5.3762G	51.83	54.00	-2.17	42.80	3	Vertical	-0	2.14	-	34.00	5.89	30.86

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

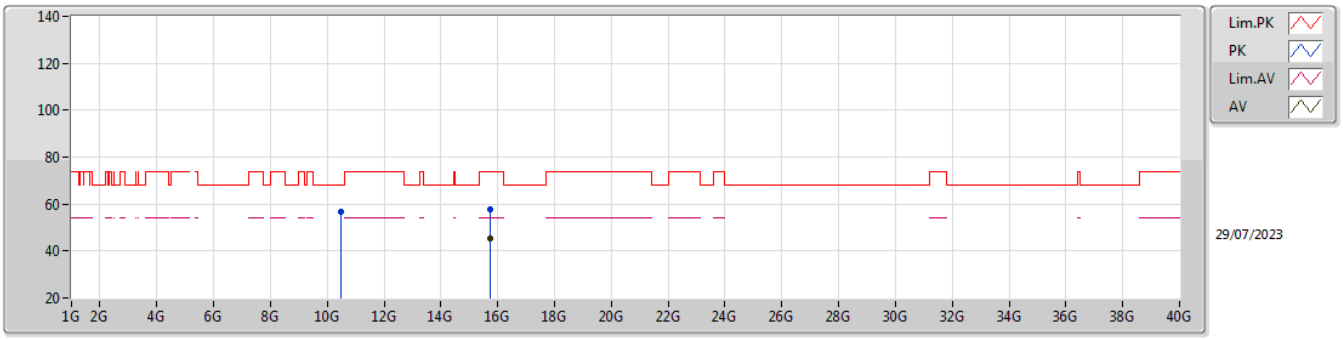


EUT Z_2TX
Setting 22.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1422G	65.02	74.00	-8.98	56.34	3	Horizontal	359	1.58	-	33.58	5.77	30.67
AV	5.15G	52.97	54.00	-1.03	44.27	3	Horizontal	359	1.58	-	33.60	5.78	30.68
PK	5.2424G	127.23	Inf	-Inf	118.36	3	Horizontal	359	1.58	-	33.80	5.82	30.75
AV	5.243G	115.11	Inf	-Inf	106.24	3	Horizontal	359	1.58	-	33.80	5.82	30.75
PK	5.3534G	63.85	74.00	-10.15	54.81	3	Horizontal	359	1.58	-	34.00	5.88	30.84
AV	5.35G	51.98	54.00	-2.02	42.95	3	Horizontal	359	1.58	-	34.00	5.87	30.84

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

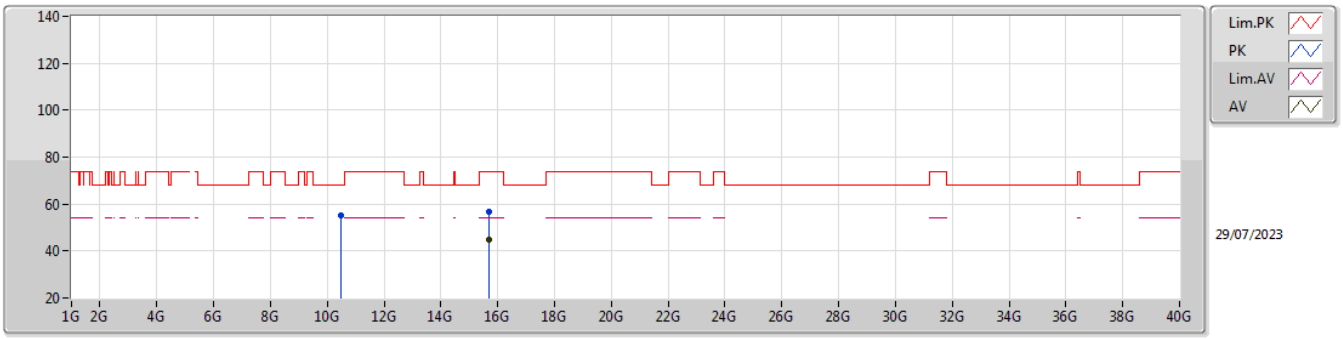


EUT Z_2TX
Setting 22.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48268G	56.83	68.20	-11.37	41.77	3	Vertical	261	2.30	-	38.40	8.47	31.81
PK	15.71604G	57.58	74.00	-16.42	41.42	3	Vertical	202	2.86	-	37.74	10.39	31.97
AV	15.7232G	45.36	54.00	-8.64	29.23	3	Vertical	202	2.86	-	37.71	10.39	31.97

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

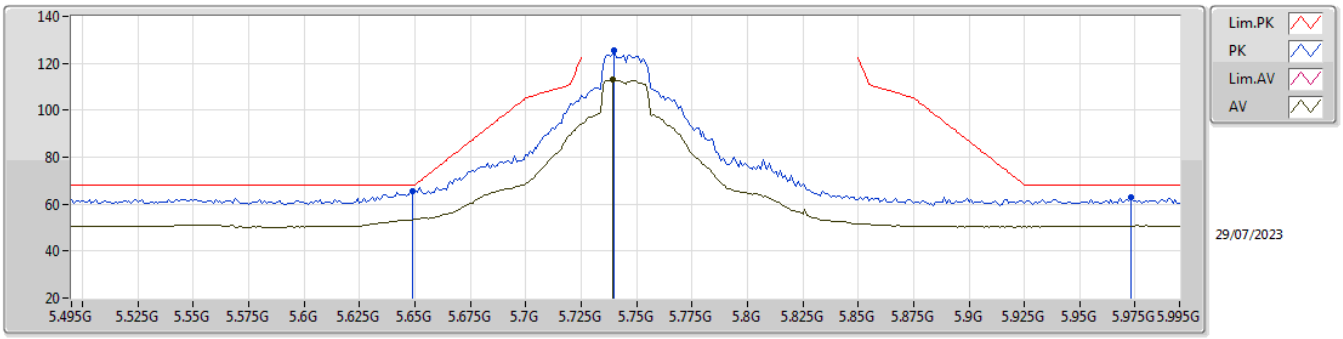


EUT Z_2TX
Setting 22.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47288G	55.05	68.20	-13.15	39.98	3	Horizontal	203	1.80	-	38.40	8.47	31.80
PK	15.71572G	56.82	74.00	-17.18	40.66	3	Horizontal	203	1.80	-	37.74	10.39	31.97
AV	15.7132G	44.90	54.00	-9.10	28.73	3	Horizontal	203	1.80	-	37.75	10.39	31.97

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

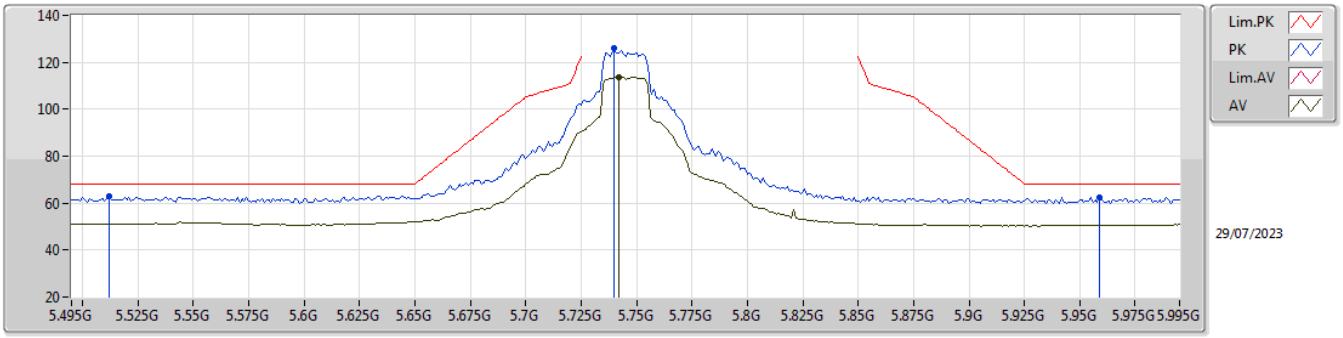


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	65.72	68.20	-2.48	56.75	3	Vertical	360	1.78	-	33.90	6.10	31.03
PK	5.74G	125.33	Inf	-Inf	116.30	3	Vertical	360	1.78	-	34.00	6.10	31.07
AV	5.739G	112.88	Inf	-Inf	103.85	3	Vertical	360	1.78	-	34.00	6.10	31.07
PK	5.973G	62.88	68.20	-5.32	53.49	3	Vertical	360	1.78	-	34.30	6.27	31.18

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

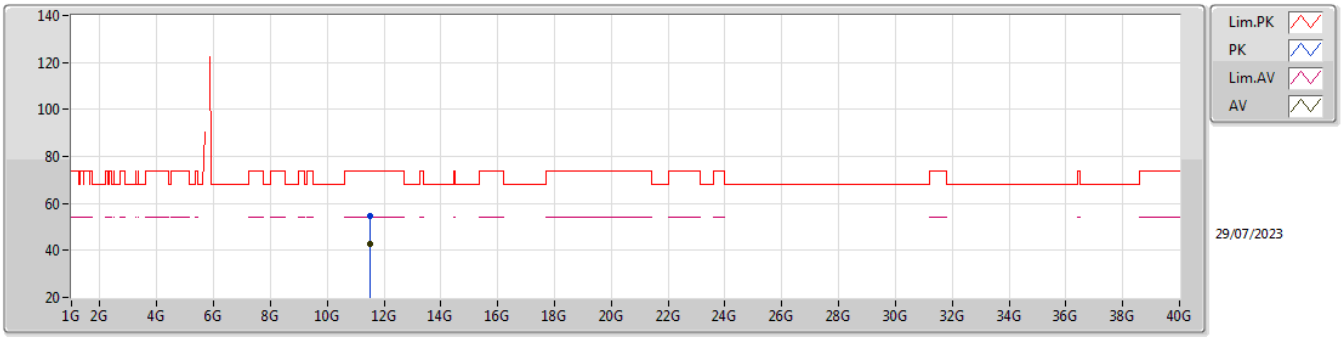


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.512G	62.86	68.20	-5.34	53.72	3	Horizontal	1	1.47	-	34.10	6.01	30.97
PK	5.74G	126.12	Inf	-Inf	117.09	3	Horizontal	1	1.47	-	34.00	6.10	31.07
AV	5.742G	113.85	Inf	-Inf	104.82	3	Horizontal	1	1.47	-	34.00	6.10	31.07
PK	5.959G	62.40	68.20	-5.80	53.01	3	Horizontal	1	1.47	-	34.30	6.26	31.17

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

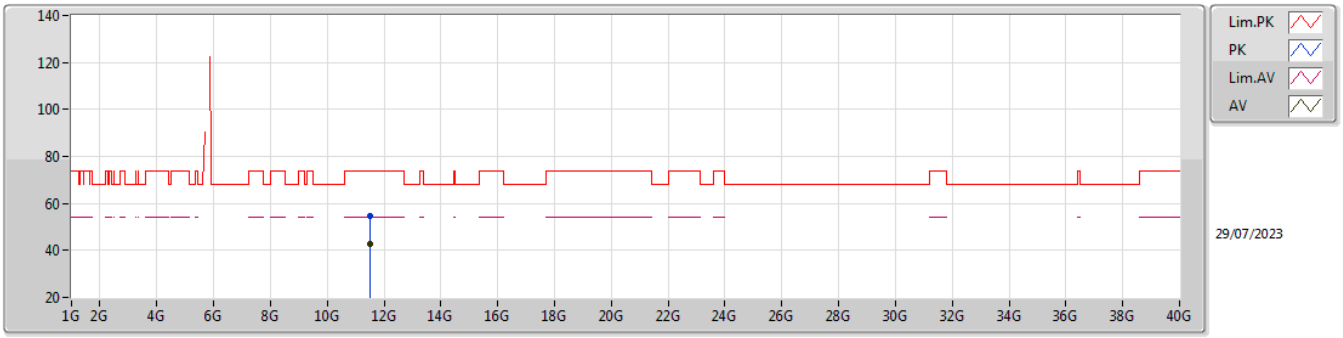


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4912G	54.54	74.00	-19.46	39.00	3	Vertical	309	2.65	-	38.88	8.82	32.16
AV	11.49338G	42.65	54.00	-11.35	27.10	3	Vertical	309	2.65	-	38.89	8.82	32.16

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

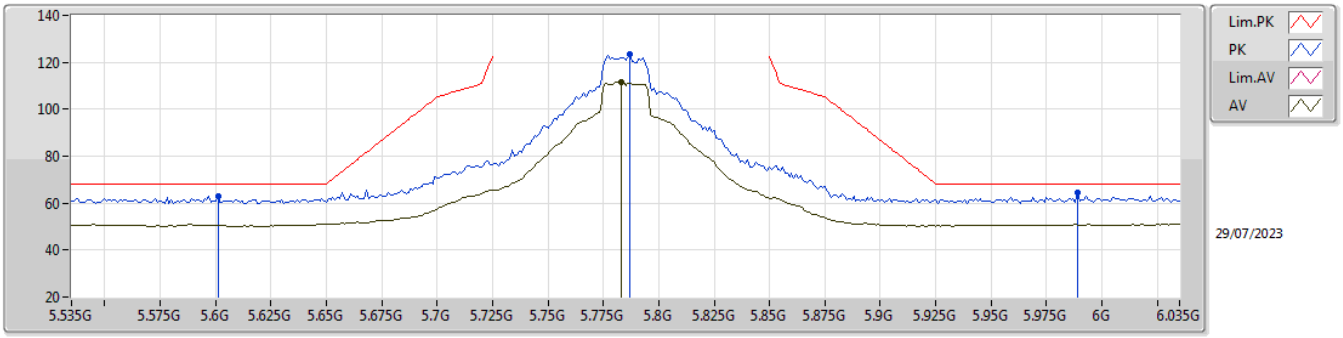


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48706G	54.88	74.00	-19.12	39.35	3	Horizontal	302	2.13	-	38.87	8.82	32.16
AV	11.48758G	42.54	54.00	-11.46	27.00	3	Horizontal	302	2.13	-	38.88	8.82	32.16

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

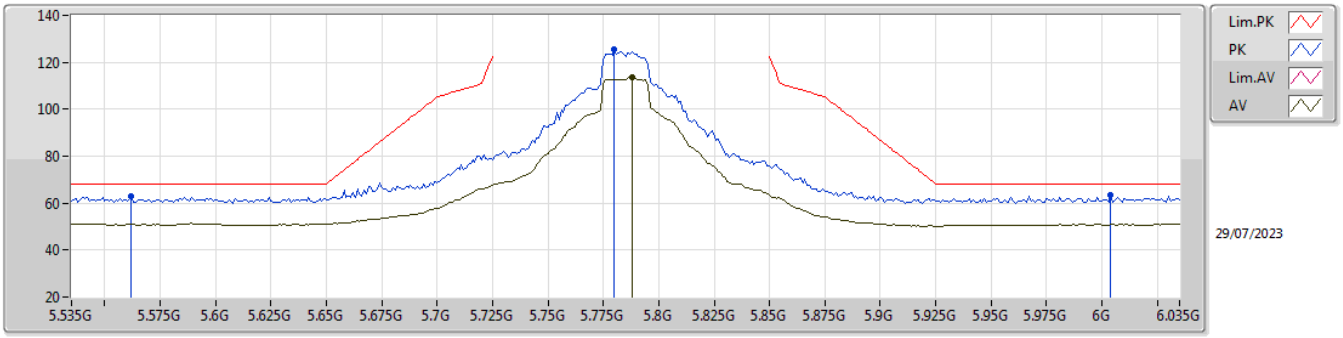


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.601G	62.92	68.20	-5.28	53.83	3	Vertical	-0	1.76	-	34.00	6.10	31.01
PK	5.787G	123.20	Inf	-Inf	114.19	3	Vertical	-0	1.76	-	34.00	6.10	31.09
AV	5.783G	111.66	Inf	-Inf	102.65	3	Vertical	-0	1.76	-	34.00	6.10	31.09
PK	5.989G	64.31	68.20	-3.89	54.90	3	Vertical	-0	1.76	-	34.30	6.29	31.18

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

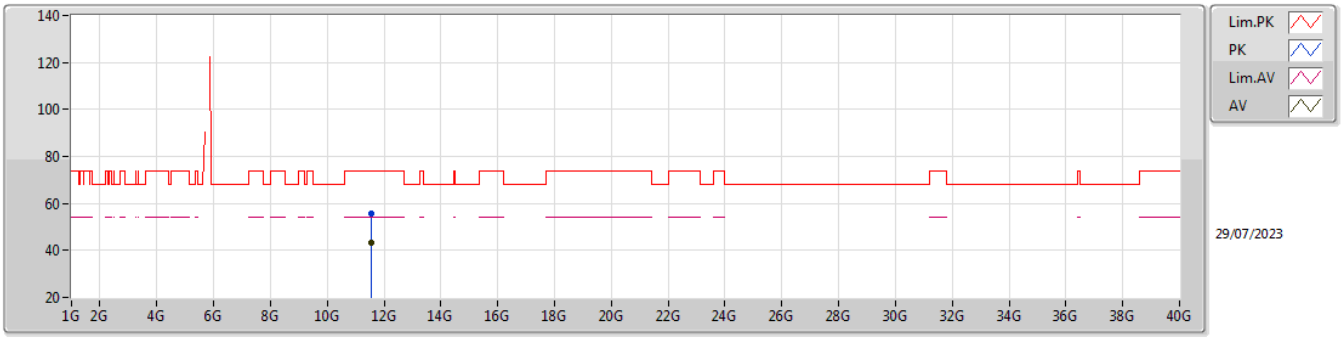


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.562G	62.71	68.20	-5.49	53.56	3	Horizontal	4	1.62	-	34.08	6.06	30.99
PK	5.78G	125.36	Inf	-Inf	116.35	3	Horizontal	4	1.62	-	34.00	6.10	31.09
AV	5.788G	113.42	Inf	-Inf	104.41	3	Horizontal	4	1.62	-	34.00	6.10	31.09
PK	6.004G	63.65	68.20	-4.55	54.22	3	Horizontal	4	1.62	-	34.32	6.30	31.19

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

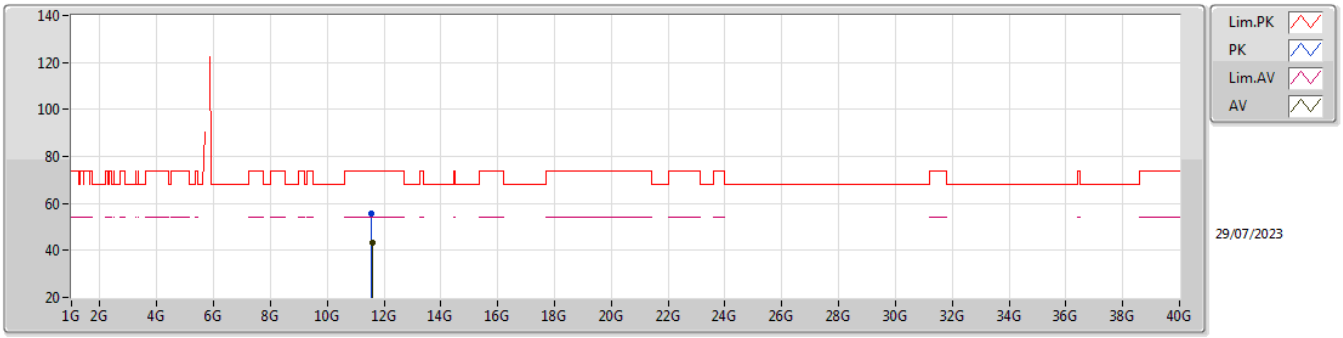


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56654G	55.57	74.00	-18.43	39.59	3	Vertical	360	2.13	-	39.17	8.85	32.04
AV	11.568G	43.32	54.00	-10.68	27.34	3	Vertical	360	2.13	-	39.17	8.85	32.04

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

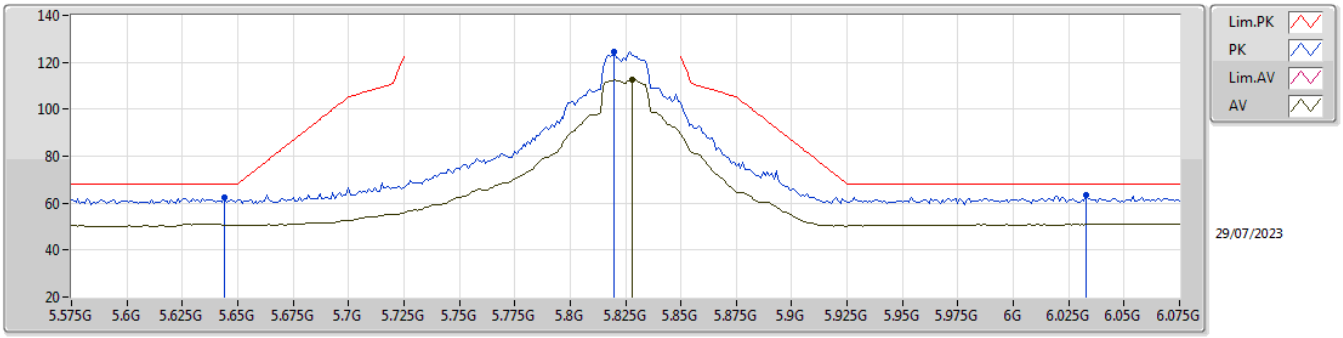


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56728G	55.62	74.00	-18.38	39.64	3	Horizontal	110	2.51	-	39.17	8.85	32.04
AV	11.57256G	43.25	54.00	-10.75	27.24	3	Horizontal	110	2.51	-	39.19	8.85	32.03

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

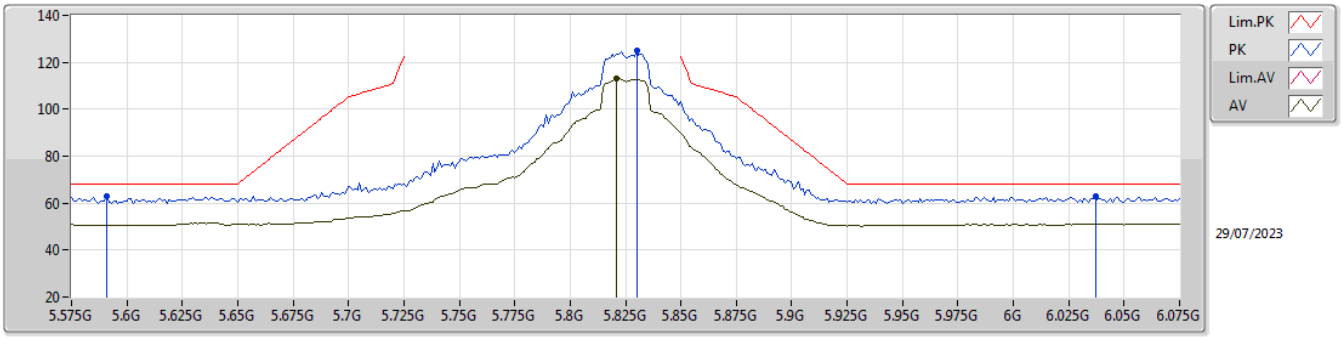


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	62.35	68.20	-5.85	53.37	3	Vertical	-0	1.80	-	33.91	6.10	31.03
PK	5.82G	124.70	Inf	-Inf	115.70	3	Vertical	-0	1.80	-	34.00	6.11	31.11
AV	5.828G	112.63	Inf	-Inf	103.62	3	Vertical	-0	1.80	-	34.00	6.12	31.11
PK	6.033G	63.20	68.20	-5.00	53.67	3	Vertical	-0	1.80	-	34.43	6.30	31.20

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

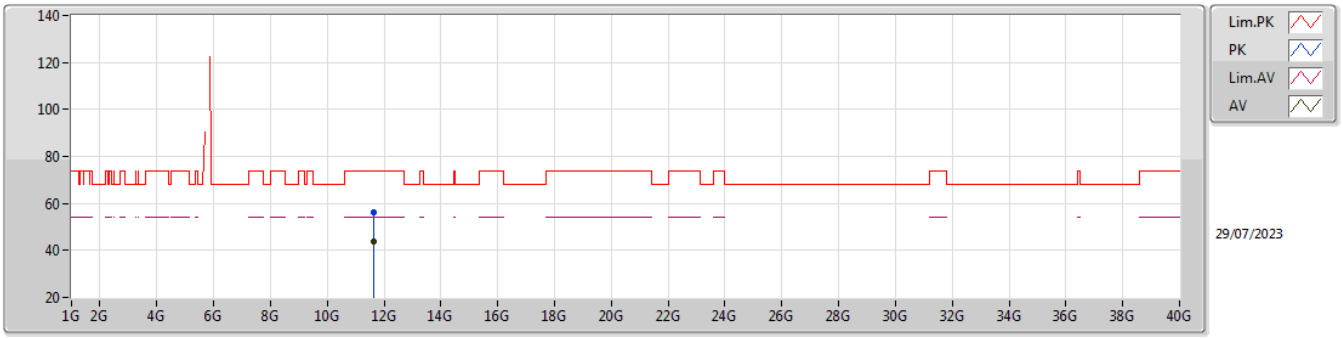


EUT Z_2TX
Setting 23
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.591G	62.88	68.20	-5.32	53.77	3	Horizontal	4	1.66	-	34.02	6.09	31.00
PK	5.83G	124.81	Inf	-Inf	115.80	3	Horizontal	4	1.66	-	34.00	6.12	31.11
AV	5.821G	113.17	Inf	-Inf	104.17	3	Horizontal	4	1.66	-	34.00	6.11	31.11
PK	6.037G	63.16	68.20	-5.04	53.61	3	Horizontal	4	1.66	-	34.45	6.30	31.20

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

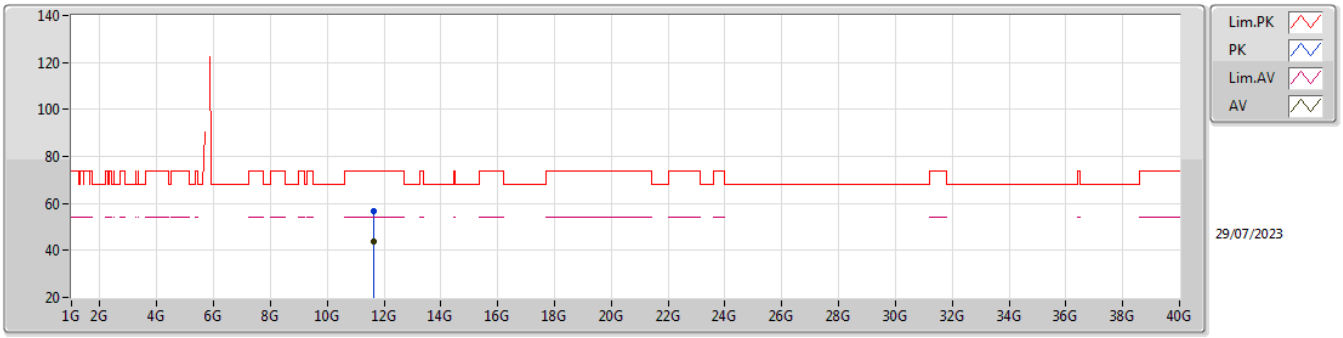


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6532G	56.19	74.00	-17.81	39.89	3	Vertical	311	2.06	-	39.31	8.88	31.89
AV	11.64996G	43.82	54.00	-10.18	27.54	3	Vertical	311	2.06	-	39.30	8.88	31.90

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

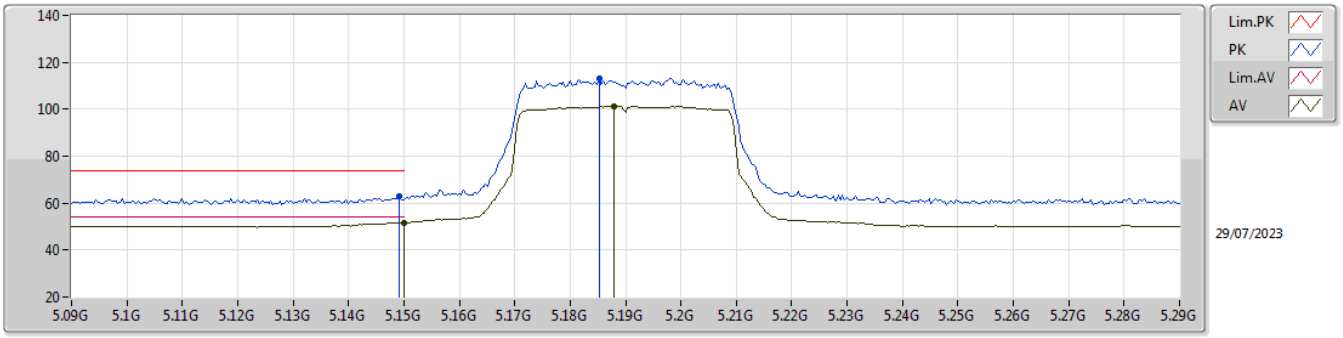


EUT Z_2TX
Setting 23
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65386G	56.80	74.00	-17.20	40.50	3	Horizontal	190	1.96	-	39.31	8.88	31.89
AV	11.6485G	43.92	54.00	-10.08	27.64	3	Horizontal	190	1.96	-	39.30	8.88	31.90

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

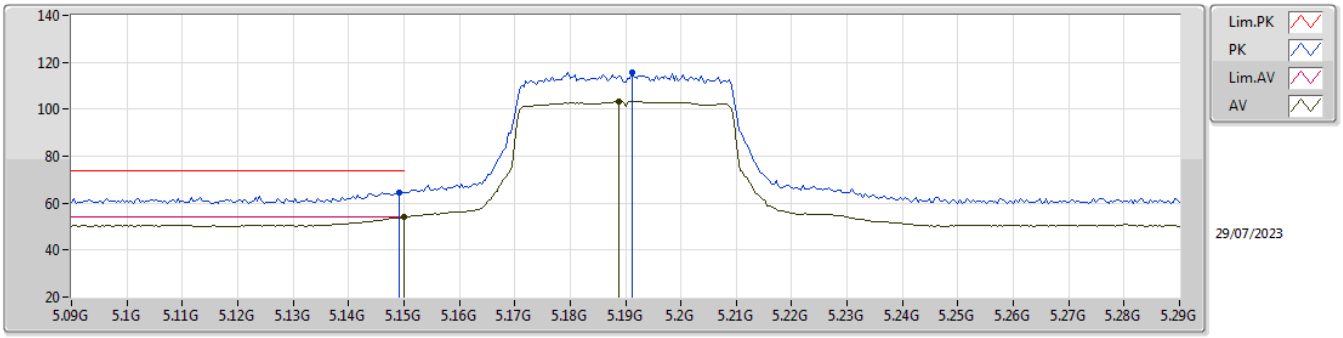


EUT Z_2TX
Setting 13
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	63.09	74.00	-10.91	54.40	3	Vertical	360	2.16	-	33.60	5.77	30.68
AV	5.15G	51.77	54.00	-2.23	43.07	3	Vertical	360	2.16	-	33.60	5.78	30.68
PK	5.1852G	112.93	Inf	-Inf	104.11	3	Vertical	360	2.16	-	33.74	5.79	30.71
AV	5.188G	101.19	Inf	-Inf	92.36	3	Vertical	360	2.16	-	33.75	5.79	30.71

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

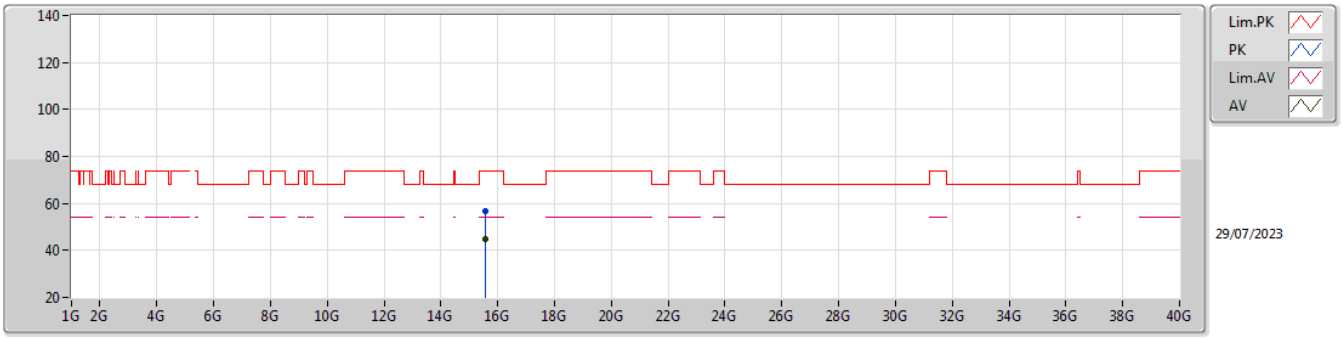


EUT Z_2TX
Setting 13
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	64.43	74.00	-9.57	55.74	3	Horizontal	-0	1.62	-	33.60	5.77	30.68
AV	5.15G	53.89	54.00	-0.11	45.19	3	Horizontal	-0	1.62	-	33.60	5.78	30.68
PK	5.1912G	115.64	Inf	-Inf	106.79	3	Horizontal	-0	1.62	-	33.76	5.80	30.71
AV	5.1888G	103.46	Inf	-Inf	94.62	3	Horizontal	-0	1.62	-	33.76	5.79	30.71

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

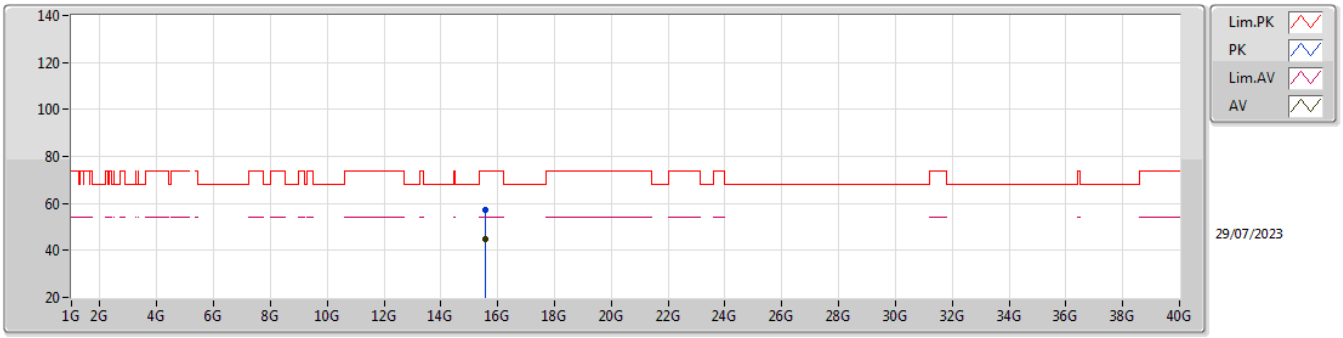


EUT Z_2TX
Setting 13
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.57462G	56.93	74.00	-17.07	40.81	3	Vertical	181	2.90	-	37.75	10.33	31.96
AV	15.56758G	44.72	54.00	-9.28	28.59	3	Vertical	181	2.90	-	37.76	10.33	31.96

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

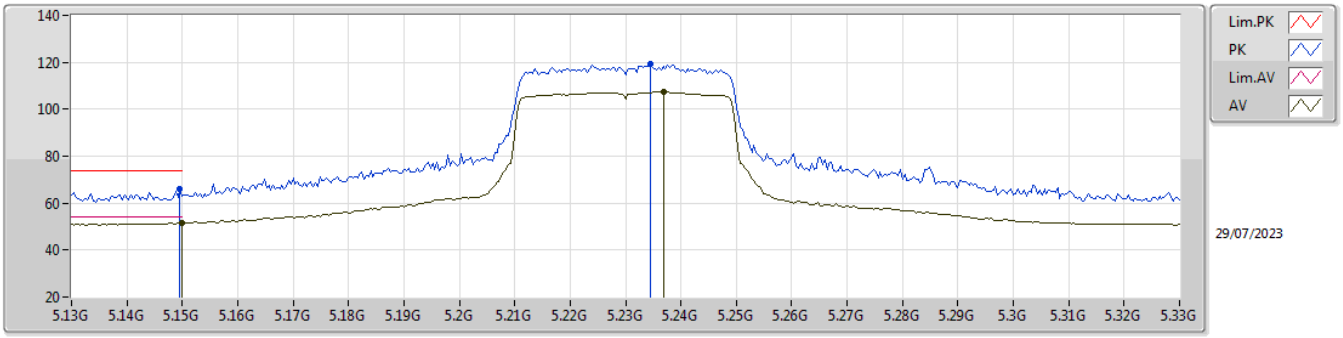


EUT Z_2TX
Setting 13
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5676G	57.12	74.00	-16.88	40.99	3	Horizontal	333	2.84	-	37.76	10.33	31.96
AV	15.5739G	44.82	54.00	-9.18	28.70	3	Horizontal	333	2.84	-	37.75	10.33	31.96

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

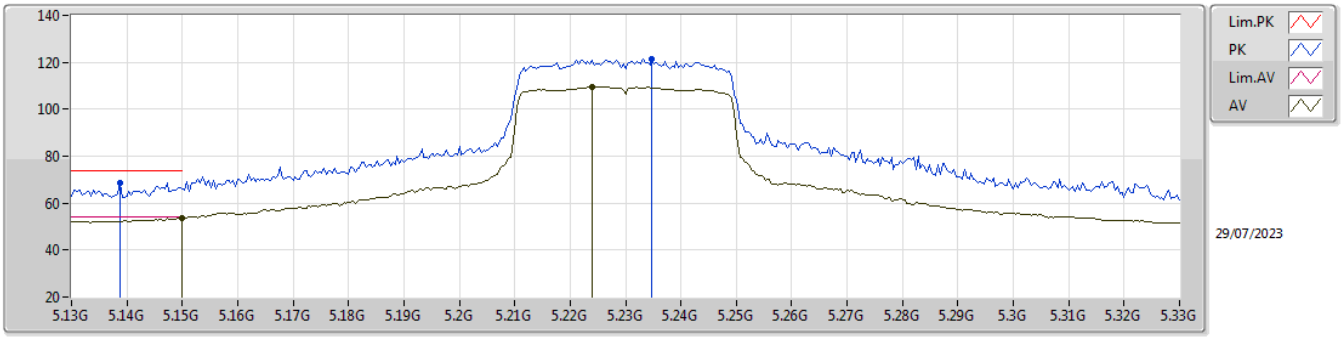


EUT Z_2TX
Setting 19
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	66.03	74.00	-7.97	57.34	3	Vertical	360	2.13	-	33.60	5.77	30.68
AV	5.15G	51.58	54.00	-2.42	42.88	3	Vertical	360	2.13	-	33.60	5.78	30.68
PK	5.2344G	119.10	Inf	-Inf	110.23	3	Vertical	360	2.13	-	33.80	5.82	30.75
AV	5.2368G	107.32	Inf	-Inf	98.45	3	Vertical	360	2.13	-	33.80	5.82	30.75

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

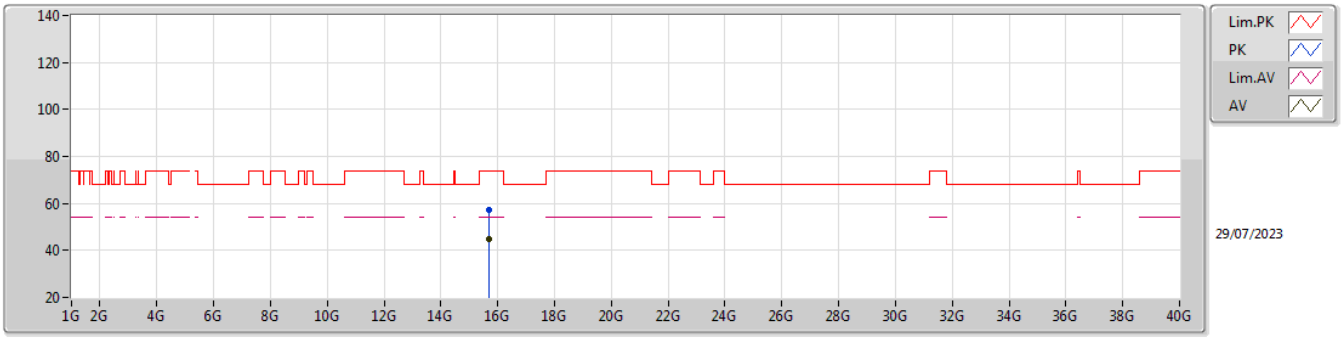


EUT Z_2TX
Setting 19
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1388G	68.86	74.00	-5.14	60.18	3	Horizontal	360	1.64	-	33.58	5.77	30.67
AV	5.15G	53.74	54.00	-0.26	45.04	3	Horizontal	360	1.64	-	33.60	5.78	30.68
PK	5.2348G	121.61	Inf	-Inf	112.74	3	Horizontal	360	1.64	-	33.80	5.82	30.75
AV	5.224G	109.59	Inf	-Inf	100.72	3	Horizontal	360	1.64	-	33.80	5.81	30.74

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

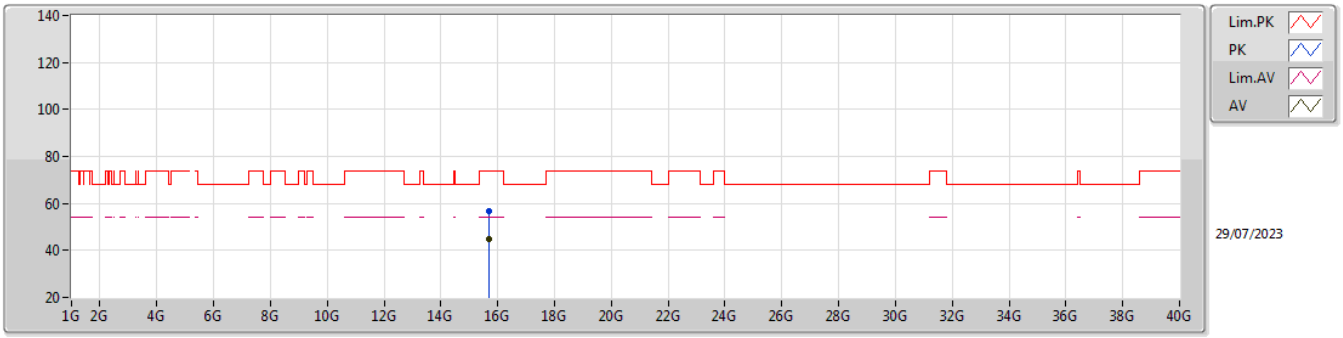


EUT Z_2TX
Setting 19
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6869G	56.99	74.00	-17.01	40.81	3	Vertical	147	1.89	-	37.77	10.37	31.96
AV	15.69256G	44.75	54.00	-9.25	28.55	3	Vertical	147	1.89	-	37.79	10.38	31.97

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

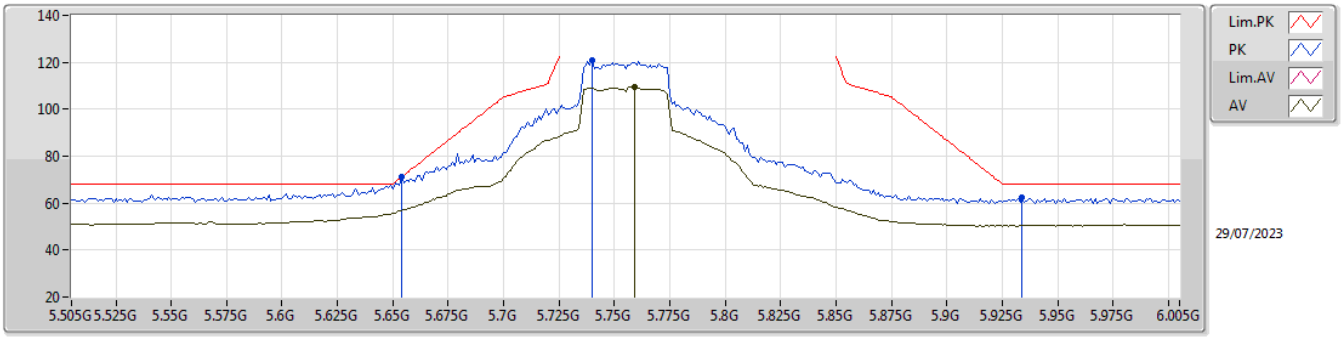


EUT Z_2TX
Setting 19
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.69064G	56.77	74.00	-17.23	40.58	3	Horizontal	129	2.26	-	37.78	10.38	31.97
AV	15.6935G	44.75	54.00	-9.25	28.55	3	Horizontal	129	2.26	-	37.79	10.38	31.97

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

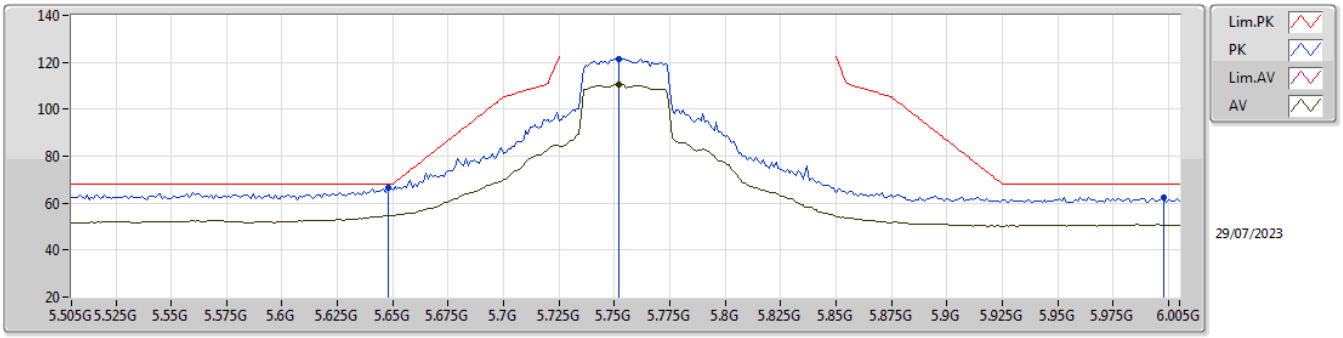


EUT Z_2TX
Setting 21.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.654G	71.11	71.16	-0.05	62.13	3	Vertical	-0	1.77	-	33.91	6.10	31.03
PK	5.74G	120.70	Inf	-Inf	111.67	3	Vertical	-0	1.77	-	34.00	6.10	31.07
AV	5.759G	109.39	Inf	-Inf	100.37	3	Vertical	-0	1.77	-	34.00	6.10	31.08
PK	5.934G	62.32	68.20	-5.88	52.98	3	Vertical	-0	1.77	-	34.27	6.23	31.16

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

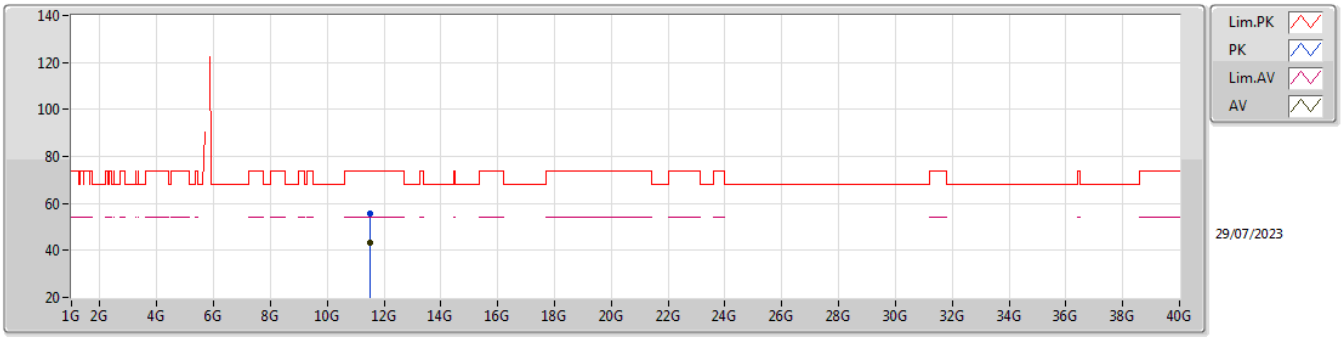


EUT Z_2TX
Setting 21.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	66.80	68.20	-1.40	57.83	3	Horizontal	4	1.61	-	33.90	6.10	31.03
PK	5.752G	121.61	Inf	-Inf	112.59	3	Horizontal	4	1.61	-	34.00	6.10	31.08
AV	5.752G	110.65	Inf	-Inf	101.63	3	Horizontal	4	1.61	-	34.00	6.10	31.08
PK	5.998G	62.64	68.20	-5.56	53.23	3	Horizontal	4	1.61	-	34.30	6.30	31.19

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

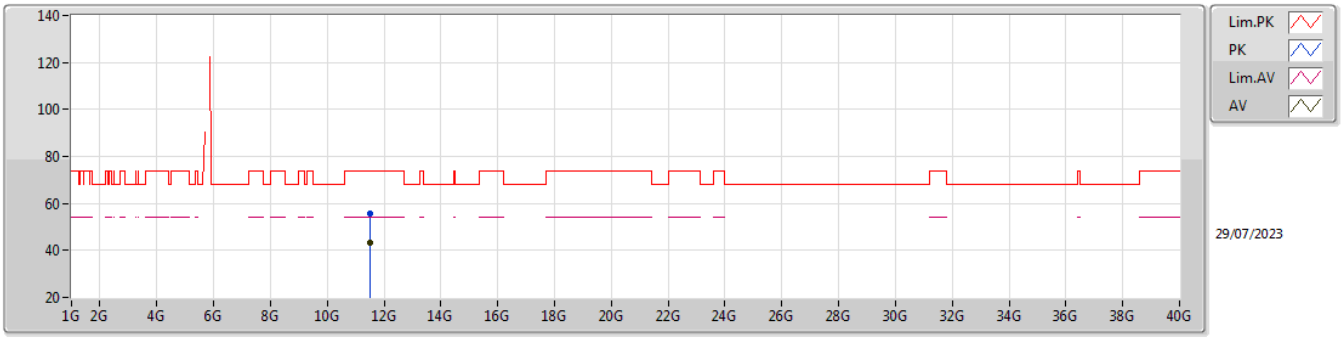


EUT Z_2TX
Setting 21.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50774G	55.61	74.00	-18.39	40.00	3	Vertical	133	1.84	-	38.93	8.83	32.15
AV	11.51436G	43.15	54.00	-10.85	27.49	3	Vertical	133	1.84	-	38.96	8.83	32.13

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

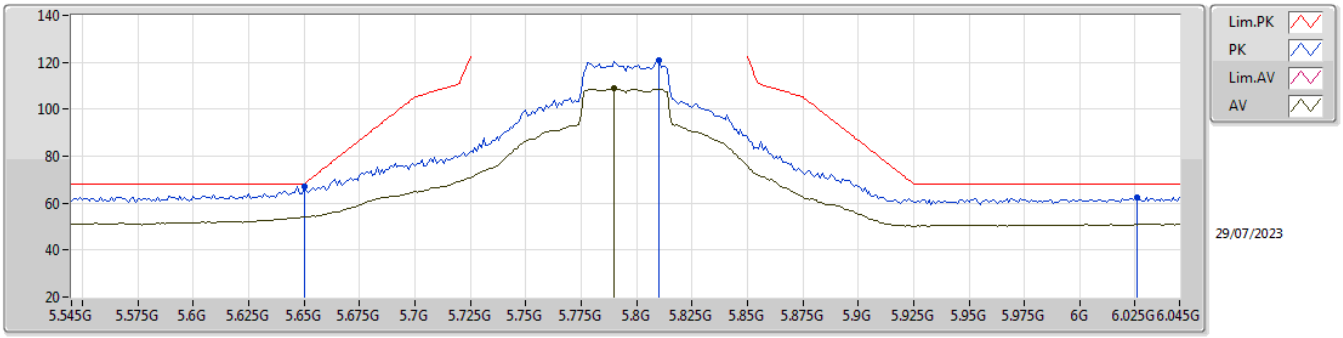


EUT Z_2TX
Setting 21.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51122G	55.45	74.00	-18.55	39.82	3	Horizontal	193	2.68	-	38.94	8.83	32.14
AV	11.50946G	43.10	54.00	-10.90	27.47	3	Horizontal	193	2.68	-	38.94	8.83	32.14

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

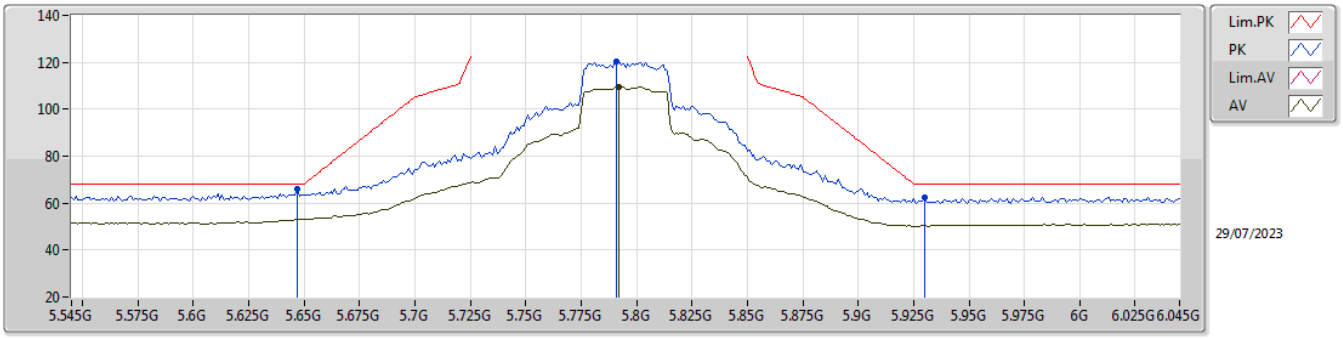


EUT Z_2TX
Setting 21
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	67.04	68.20	-1.16	58.07	3	Vertical	360	1.93	-	33.90	6.10	31.03
PK	5.81G	120.66	Inf	-Inf	111.66	3	Vertical	360	1.93	-	34.00	6.10	31.10
AV	5.79G	108.72	Inf	-Inf	99.71	3	Vertical	360	1.93	-	34.00	6.10	31.09
PK	6.026G	62.59	68.20	-5.61	53.09	3	Vertical	360	1.93	-	34.40	6.30	31.20

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

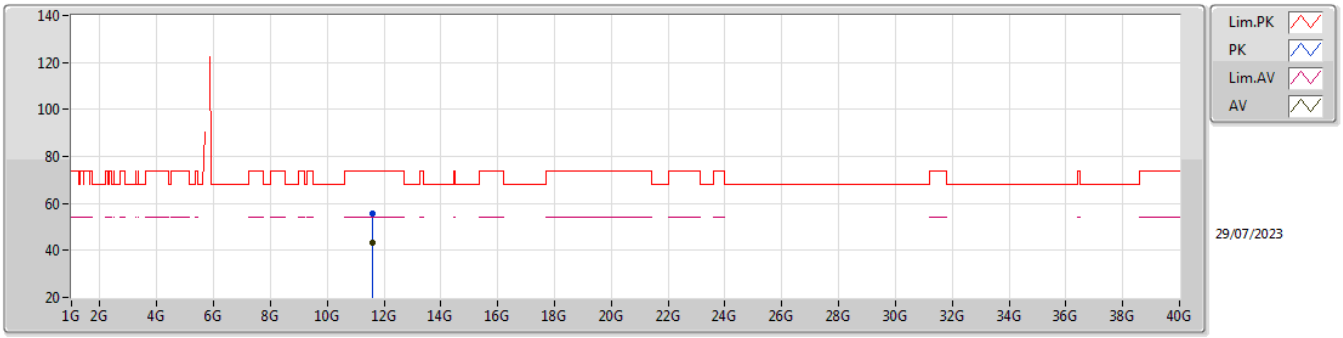


EUT Z_2TX
Setting 21
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.647G	66.24	68.20	-1.96	57.26	3	Horizontal	4	1.68	-	33.91	6.10	31.03
PK	5.791G	120.28	Inf	-Inf	111.27	3	Horizontal	4	1.68	-	34.00	6.10	31.09
AV	5.792G	109.58	Inf	-Inf	100.57	3	Horizontal	4	1.68	-	34.00	6.10	31.09
PK	5.93G	62.38	68.20	-5.82	53.05	3	Horizontal	4	1.68	-	34.26	6.23	31.16

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

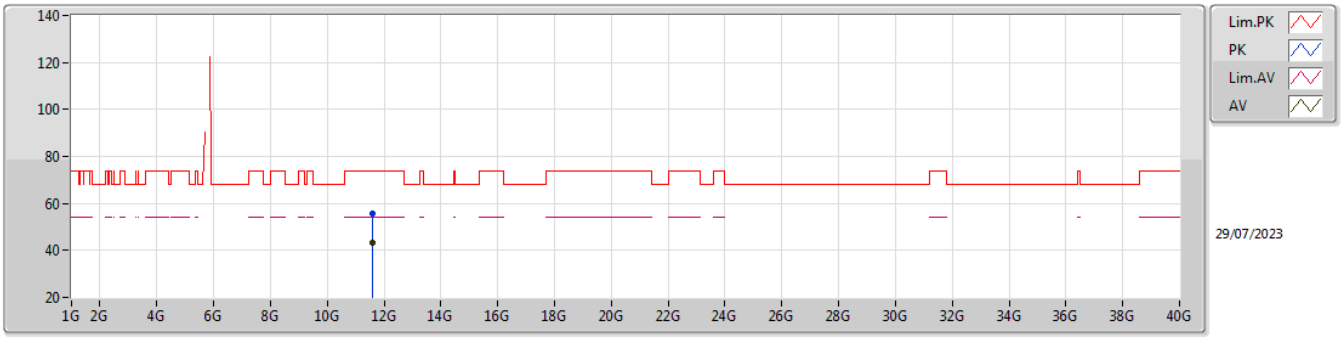


EUT Z_2TX
Setting 21
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59166G	55.88	74.00	-18.12	39.75	3	Vertical	350	2.64	-	39.27	8.86	32.00
AV	11.59454G	43.31	54.00	-10.69	27.16	3	Vertical	350	2.64	-	39.28	8.86	31.99

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

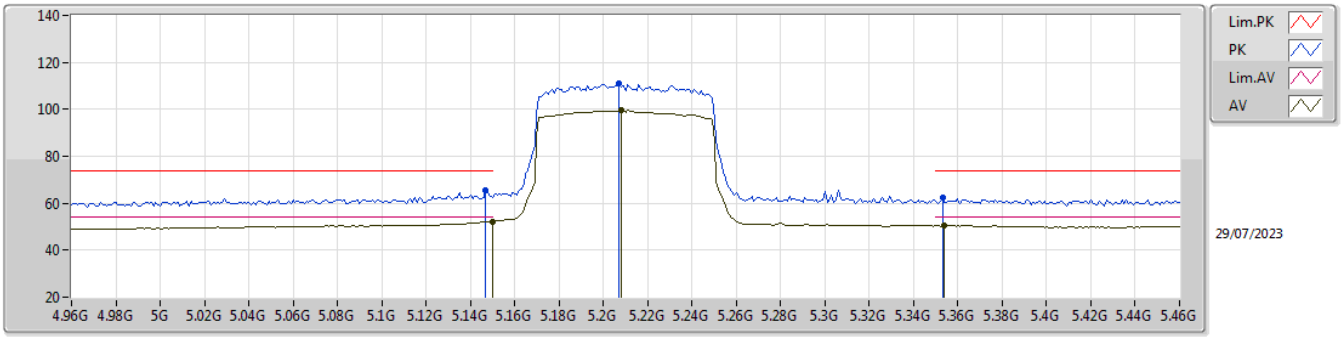


EUT Z_2TX
Setting 21
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59218G	55.88	74.00	-18.12	39.75	3	Horizontal	58	1.81	-	39.27	8.86	32.00
AV	11.58594G	43.35	54.00	-10.65	27.26	3	Horizontal	58	1.81	-	39.24	8.86	32.01

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

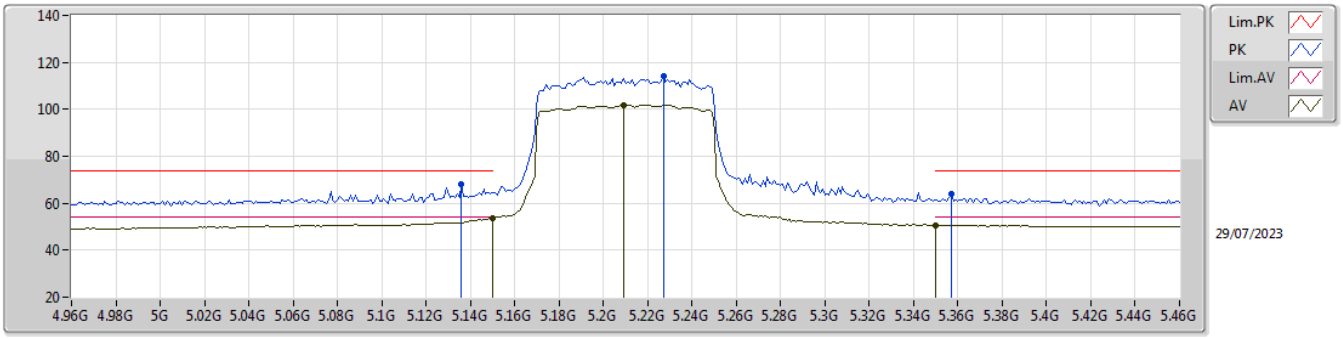


EUT Z_2TX
Setting 14.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	65.74	74.00	-8.26	57.06	3	Vertical	1	2.15	-	33.59	5.77	30.68
AV	5.15G	52.31	54.00	-1.69	43.61	3	Vertical	1	2.15	-	33.60	5.78	30.68
PK	5.207G	111.11	Inf	-Inf	102.24	3	Vertical	1	2.15	-	33.80	5.80	30.73
AV	5.208G	99.43	Inf	-Inf	90.56	3	Vertical	1	2.15	-	33.80	5.80	30.73
PK	5.353G	62.16	74.00	-11.84	53.12	3	Vertical	1	2.15	-	34.00	5.88	30.84
AV	5.354G	50.55	54.00	-3.45	41.51	3	Vertical	1	2.15	-	34.00	5.88	30.84

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

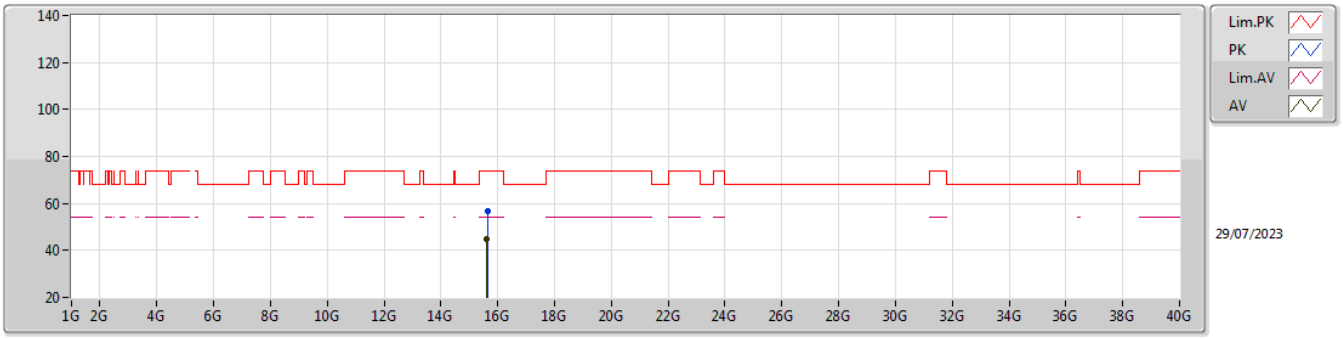


EUT Z_2TX
Setting 14.5
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.136G	68.22	74.00	-5.78	59.55	3	Horizontal	360	1.61	-	33.57	5.77	30.67
AV	5.15G	53.59	54.00	-0.41	44.89	3	Horizontal	360	1.61	-	33.60	5.78	30.68
PK	5.227G	114.35	Inf	-Inf	105.48	3	Horizontal	360	1.61	-	33.80	5.81	30.74
AV	5.209G	101.91	Inf	-Inf	93.04	3	Horizontal	360	1.61	-	33.80	5.80	30.73
PK	5.357G	64.12	74.00	-9.88	55.09	3	Horizontal	360	1.61	-	34.00	5.88	30.85
AV	5.35G	50.77	54.00	-3.23	41.74	3	Horizontal	360	1.61	-	34.00	5.87	30.84

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

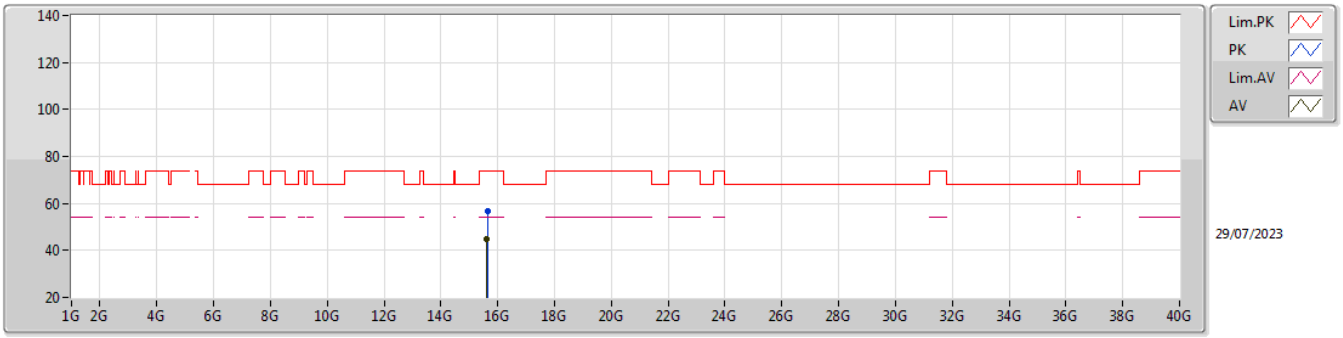


EUT Z_2TX
Setting 14.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.63076G	56.88	74.00	-17.12	40.79	3	Vertical	338	2.00	-	37.70	10.35	31.96
AV	15.62752G	44.80	54.00	-9.20	28.71	3	Vertical	338	2.00	-	37.70	10.35	31.96

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

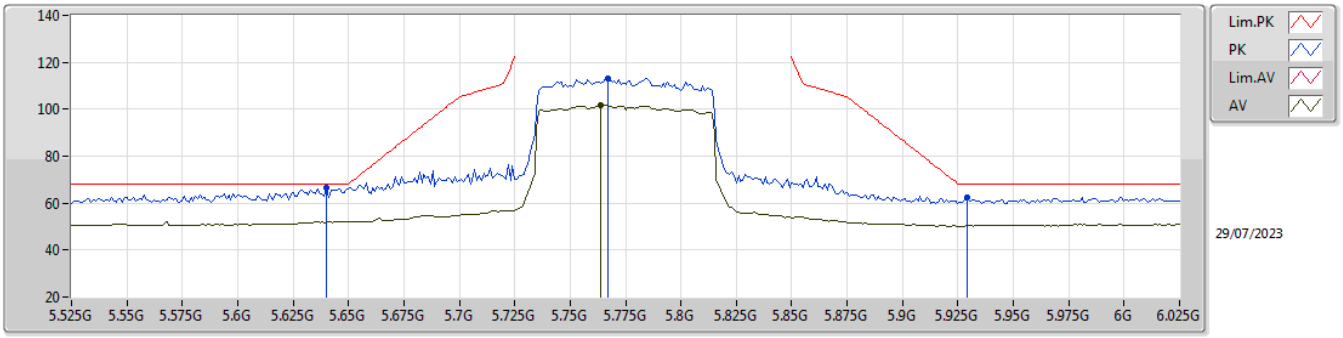


EUT Z_2TX
Setting 14.5
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.63466G	56.80	74.00	-17.20	40.71	3	Horizontal	321	2.99	-	37.70	10.35	31.96
AV	15.62964G	44.92	54.00	-9.08	28.83	3	Horizontal	321	2.99	-	37.70	10.35	31.96

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX

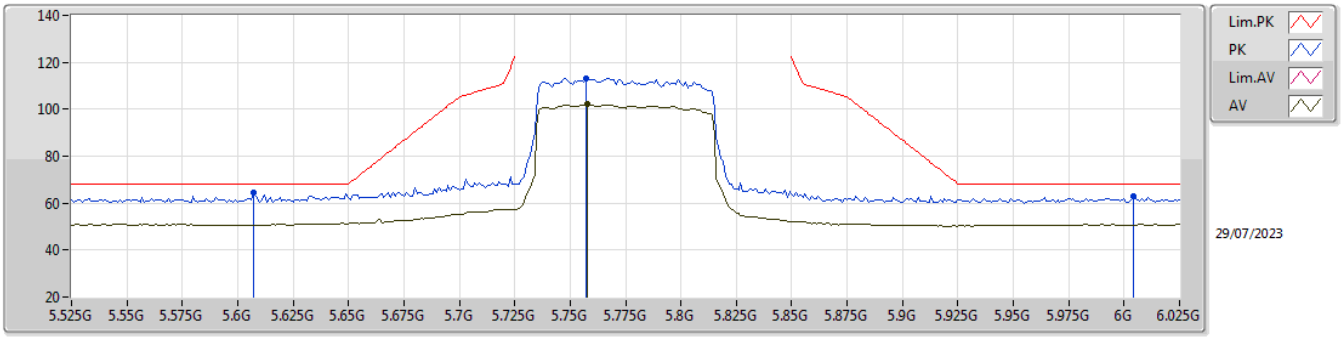


EUT Z_2TX
Setting 17
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64G	66.42	68.20	-1.78	57.42	3	Vertical	-0	1.85	-	33.92	6.10	31.02
PK	5.767G	113.04	Inf	-Inf	104.02	3	Vertical	-0	1.85	-	34.00	6.10	31.08
AV	5.764G	101.76	Inf	-Inf	92.74	3	Vertical	-0	1.85	-	34.00	6.10	31.08
PK	5.929G	62.56	68.20	-5.64	53.23	3	Vertical	-0	1.85	-	34.26	6.23	31.16

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX

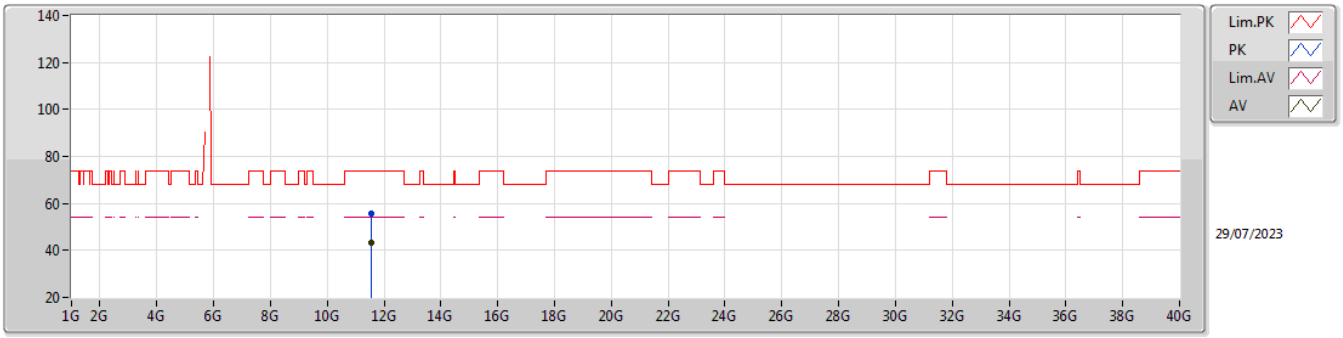


EUT Z_2TX
Setting 17
02-L-P-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.607G	64.26	68.20	-3.94	55.18	3	Horizontal	2	1.67	-	33.99	6.10	31.01
PK	5.757G	112.97	Inf	-Inf	103.95	3	Horizontal	2	1.67	-	34.00	6.10	31.08
AV	5.758G	102.13	Inf	-Inf	93.11	3	Horizontal	2	1.67	-	34.00	6.10	31.08
PK	6.004G	62.68	68.20	-5.52	53.25	3	Horizontal	2	1.67	-	34.32	6.30	31.19

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX

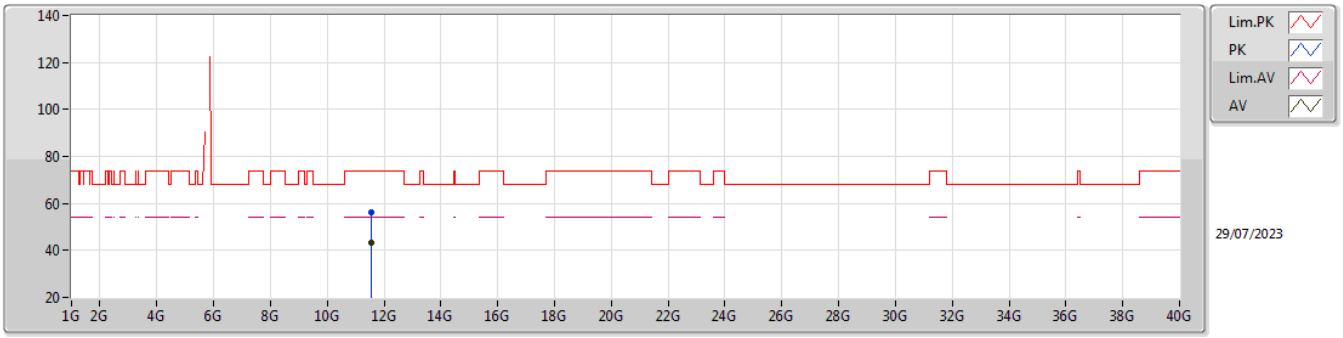


EUT Z_2TX
Setting 17
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54628G	55.81	74.00	-18.19	39.96	3	Vertical	136	1.25	-	39.09	8.84	32.08
AV	11.54504G	43.25	54.00	-10.75	27.41	3	Vertical	136	1.25	-	39.08	8.84	32.08

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



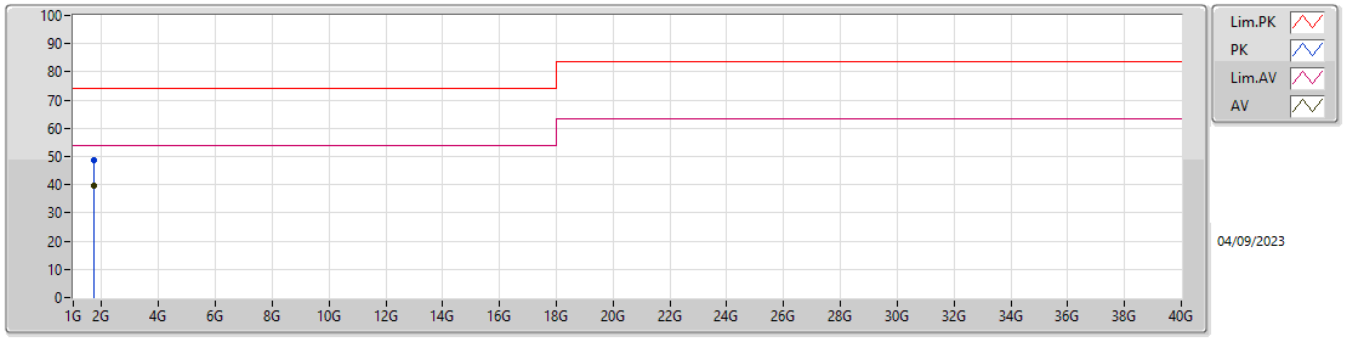
EUT Z_2TX
Setting 17
02-L-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55032G	56.22	74.00	-17.78	40.35	3	Horizontal	285	2.78	-	39.10	8.84	32.07
AV	11.54648G	43.27	54.00	-10.73	27.42	3	Horizontal	285	2.78	-	39.09	8.84	32.08

Summary

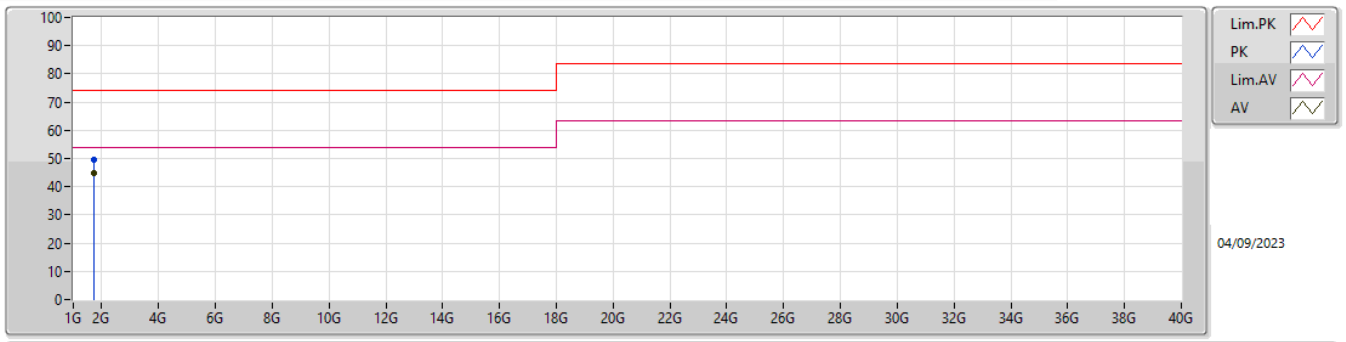
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	AV	1.71088G	44.88	54.00	-9.12	Horizontal

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.71148G	48.83	74.00	-25.17	-7.25	3	Vertical	223	1.80	-	56.08	25.35	3.21	35.81
AV	1.72332G	39.81	54.00	-14.19	-7.18	3	Vertical	223	1.80	"Worst"	46.99	25.39	3.22	35.79

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.7112G	49.49	74.00	-24.51	-7.26	3	Horizontal	308	1.80	-	56.75	25.34	3.21	35.81
AV	1.71088G	44.88	54.00	-9.12	-7.26	3	Horizontal	308	1.80	"Worst"	52.14	25.34	3.21	35.81