Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	UDX-600191010
Equipment	:	Catalyst Wireless 9163E Series Wi-Fi 6E Access Point
Brand Name	:	CISCO
Model Name	:	CW9163E-B, CW9163E-MR
Applicant	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Apr. 07, 2023, and testing was started from Apr. 12, 2023 and completed on Sep. 08, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR340101AB	01	Initial issue of report	Sep. 19, 2023

Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: 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]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]

For Radio 1

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX/2TX
5.15-5.25GHz	802.11n HT20	20	1TX/2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	1TX/2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	1TX/2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	1TX/2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	1TX/2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	1TX/2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	1TX/2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	1TX/2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX

For Scanning Radio 2

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.15-5.25GHz	802.11n HT20	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11ax HEW20	20	1TX
5.15-5.25GHz	802.11n HT40	40	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ax HEW40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.15-5.25GHz	802.11ax HEW80	80	1TX

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

1.1.2 Antenna Information

Ant.	2.4GHz Port	5GHz Port	Bluetooth / Zigbee	GPS	Brand	Model Name	Antenna Type	Connector	Remark	Gain (dBi)
1	2	2	-	-	CISCO	CW-ANT-O1-NS	Dipole	N-Type	External Antenna	Note 1
2	1	1	-	-	CISCO	CW-ANT-O1-NS	Dipole	N-Type	External Antenna	
3	-	-	-	-	CISCO	CW-ANT-O1-NS	Dipole	N-Type	External Antenna	
4	-	-	-	-	CISCO	CW-ANT-O1-NS	Dipole	N-Type	External Antenna	
5	1	1	-	-	AWAN	A8M6P-100005	PIFA	N-Type	Internal Antenna	
6	-	-	1	-	AWAN	A8M6P-100003	PIFA	N-Type	Internal Antenna	
7	-	-	-	1	AWAN	A8M6P-100004	PIFA	N-Type	Internal Antenna	
8	-	-	-	2	CISCO	CW-ANT-GPS2	Patch	SMA	External Antenna	

Note1:

Ant.	Gain (dBi)										
	2.4GHz	5GHz UNII 1	5GHz UNII 2A	5GHz UNII 2C	5GHz UNII 3	6GHz UNII 5	6GHz UNII 6	6GHz UNII 7	6GHz UNII 8	Bluetooth / Zigbee	GPS
1	4	8	8	8	8	-	-	-	-	-	-
2	4	8	8	8	8	-	-	-	-	-	-
3	-	-	-	-	-	8	8	8	8	-	-
4	-	-	-	-	-	8	8	8	8	-	-
5	4.9	3	3	3.1	3	2.8	3.2	3.2	2.7	-	-
6	-	-	-	-	-	-	-	-	-	5.7	-
7	-	-	-	-	-	-	-	-	-	-	3.7
8	-	-	-	-	-	-	-	-	-	-	3.18

Note2: The above information was declared by manufacturer.
Note3: The 6GHz function of Antennas 3~5 doesn't be enabled at this time.

Note4: Directional gain information

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

Ex.

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

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 ;

Dipole

2.4G G1= 4 dBi ; G2= 4 dBi ;DG= 7.01dBi

5G G1= 8 dBi ; G2= 8 dBi ;DG= 11.01dBi

<For Radio 1 (2.4GHz/5GHz Functions)>

IEEE 802.11b/g/n/VHT/ax

For 1TX/2RX:

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used to transmit at one time.

For 2TX/2RX:

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For Scanning Radio 2 (2.4GHz/5GHz Functions)>

IEEE 802.11b/g/n/VHT/ax

For 1TX/1RX:

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

<For Radio 3 / Bluetooth/Zigbee Functions>

For 1TX/1RX:

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

<For Radio 4 / GPS Functions>

For 1RX:

The EUT supports the antenna with RX diversity functions.

Both Port 1 and Port 2 support receive functions, but only one of them will be used to receive at one time.

1.1.3 Mode Test Duty Cycle

For Radio 1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.931	0.31	1.978m	1k
802.11ax HEW20	0.803	0.95	5.455m	300
802.11ax HEW20-BF	0.803	0.95	5.455m	300
802.11ax HEW40	0.8	0.97	5.453m	300
802.11ax HEW40-BF	0.8	0.97	5.453m	300
802.11ax HEW80	0.8	0.97	5.455m	300
802.11ax HEW80-BF	0.8	0.97	5.455m	300

For Scanning Radio 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.95	0.22	1.978m	1k
802.11ax HEW20	0.793	1.01	5.448m	300
802.11ax HEW40	0.786	1.05	5.448m	300
802.11ax HEW80	0.785	1.05	5.448m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz.			
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 5.0-00202			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	SW
CW9163E-B	Cisco
CW9163E-MR	Meraki

Note1: From the above models, model: CW9163E-B was selected as representative model for the test and its data was recorded in this report.

Note2: The above information was declared by manufacturer.

1.1.6 Table of Serial Number

Test items	Serial Number
1. AC Power-line Conducted Emissions 2. Radiated Emission Co-location (As below for Non Beamforming mode) 3. Emission Bandwidth 4. Maximum Output Power 5. Power Spectral Density 6. Unwanted Emissions below 1GHz 7. Unwanted Emissions above 1GHz	DSM2711000W
(As below for Beamforming mode) 8. Maximum Output Power	DSM2711001S

Note: The above information was declared by manufacturer.

1.1.7 Table for Radio Function

Radio	Support Band
1	2.4GHz / 5GHz UNII 1~UNII 3
2	Scanning 2.4GHz / 5GHz UNII 1~UNII 3
3	Bluetooth / Zigbee
4	GPS

Note1: The above information was declared by manufacturer.

Note2: The Radio 1 and Radio 2 can't be operated simultaneously.

1.1.8 Table for EUT Information

EUT	RJ-45 Connector	Console Connector
1	Brand Name: UDE Model Name: R66-MK-3001	Brand Name: UDE Model Name: R66-MK-2001
2	Brand Name: ODS Model Name: CMK-RJ45-CAP	Brand Name: ODS Model Name: CMK-RJ45-CG

Note1: From the above EUTs, EUT 1 was selected as representative EUT for all the tests and its data was recorded in this report; EUT 2 was selected as representative EUT for AC Power-line Conducted Emissions, Emissions in Non-restricted Frequency Bands below 1GHz and its data was recorded in this report.

Note2: 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	Eason Chen	22.9~24 / 61~63	Apr. 17, 2023~Jun. 06, 2023
Radiated below 1GHz	03CH04-CB	Chris Li	22~23.5 / 58~63	Apr. 12, 2023~May 27, 2023
	03CH02-CB	Chris Li	21.8~23.3 / 59~60	Sep. 04, 2023~Sep. 05, 2023
Radiated above 1GHz (for co-location test)	03CH04-CB	Chris Li	22~23.5 / 58~63	Apr. 12, 2023~May 27, 2023
Radiated above 1GHz	03CH02-CB	Chris Li	22.3~22.9 / 57~63	Apr. 12, 2023~May 27, 2023
AC Conduction	CO02-CB	Peter Wu	22~23 / 58~59	Jul. 19, 2023~Sep. 08, 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)

For test date before Jun. 01, 2023

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

For test date after May 31, 2023

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%
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 1

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(1)	-
5180MHz	21.5
5200MHz	21.5
5240MHz	21.5
802.11ax HEW20_Nss1,(MCS0)_1TX(1)	-
5180MHz	21.5
5200MHz	22.5
5240MHz	22.5
802.11ax HEW40_Nss1,(MCS0)_1TX(1)	-
5190MHz	19
5230MHz	22
802.11ax HEW80_Nss1,(MCS0)_1TX(1)	-
5210MHz	17.5
802.11a_Nss1,(6Mbps)_1TX(2)	-
5180MHz	21
5200MHz	22
5240MHz	22
802.11ax HEW20_Nss1,(MCS0)_1TX(2)	-
5180MHz	21
5200MHz	22.5
5240MHz	23
802.11ax HEW40_Nss1,(MCS0)_1TX(2)	-
5190MHz	19.5
5230MHz	22
802.11ax HEW80_Nss1,(MCS0)_1TX(2)	-
5210MHz	18.5
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	19
5200MHz	18.5
5240MHz	18.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	19.5
5200MHz	19.5
5240MHz	19.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-

Mode	Power Setting
5190MHz	18.5
5230MHz	18.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	16
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	16.5
5200MHz	16.5
5240MHz	16.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	15.5
5230MHz	15.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	15.5

For Scanning Radio 2

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	18.5
5200MHz	19
5240MHz	19
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	18
5200MHz	19
5240MHz	19
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5190MHz	18
5230MHz	19.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5210MHz	18.5

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT 1 + Radio 1 (2.4GHz) + PoE 1
2	EUT 1 + Radio 1 (2.4GHz) + PoE 2
3	EUT 1 + Radio 1 (2.4GHz) + PoE 3
4	EUT 1 + Radio 1 (2.4GHz) + PoE 4
5	EUT 1 + Radio 1 (2.4GHz) + PoE 5
Mode 3 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 ~ 9 will follow this same test mode.	
6	EUT 1 + Radio 1 (5GHz) + PoE 3
7	EUT 1 + Scanning Radio 2 (2.4GHz) + PoE 3
8	EUT 1 + Scanning Radio 2 (5GHz) + PoE 3
9	EUT 1 + Radio 3 (Bluetooth) + PoE 3
Mode 3 has been evaluated to be the worst case among Mode 1~9, thus measurement for Mode 10 will follow this same test mode.	
10	EUT 2 + Radio 1 (2.4GHz) + PoE 3
Mode 3 has been evaluated to be the worst case among Mode 1~10, thus measurement for Mode 11 will follow this same test mode.	
11	EUT 1 + Radio 3 (Zigbee) + PoE 3
For operating mode 3 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	EUT 1 + Radio 1
2	EUT 1 + Scanning Radio 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	EUT 1 in Y axis + Radio 1 (2.4GHz) + PoE 1
2	EUT 1 in Y axis + Radio 1 (2.4GHz) + PoE 2
3	EUT 1 in Y axis + Radio 1 (2.4GHz) + PoE 3
4	EUT 1 in Y axis + Radio 1 (2.4GHz) + PoE 4
5	EUT 1 in Y axis + Radio 1 (2.4GHz) + PoE 5
Mode 5 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 ~ 9 will follow this same test mode.	
6	EUT 1 in Y axis + Radio 1 (5GHz) + PoE 5
7	EUT 1 in Y axis + Scanning Radio 2 (2.4GHz) + PoE 5
8	EUT 1 in Y axis + Scanning Radio 2 (5GHz) + PoE 5
9	EUT 1 in Y axis + Radio 3 (Bluetooth) + PoE 5
Mode 8 has been evaluated to be the worst case among Mode 1~9, thus measurement for Mode 10 will follow this same test mode.	
10	EUT 2 in Y axis + Scanning Radio 2 (5GHz) + PoE 5
Mode 8 has been evaluated to be the worst case among Mode 1~10, thus measurement for Mode 11 will follow this same test mode.	
11	EUT 1 in Y axis + Radio 3 (Zigbee) + PoE 5
For operating mode 8 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Radio 1
2	EUT 1 in Y axis + Scanning Radio 2

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	EUT in Y axis - Radio 1: WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Radio 1 (WLAN 2.4GHz+5GHz) + Scanning Radio 2 (WLAN 2.4GHz) + Radio 3 (Bluetooth)
2	Radio 1 (WLAN 2.4GHz+5GHz) + Scanning Radio 2 (WLAN 5GHz) + Radio 3 (Bluetooth)
3	Radio 1 (WLAN 2.4GHz+5GHz) + Scanning Radio 2 (WLAN 2.4GHz) + Radio 3 (Zigbee)
4	Radio 1 (WLAN 2.4GHz+5GHz) + Scanning Radio 2 (WLAN 5GHz) + Radio 3 (Zigbee)
Refer to Sporton Test Report No.: FA340101 for Co-location RF Exposure Evaluation.	

Note: The PoEs are for measurement only, would not be marketed.

PoE information as below:

Power	Brand Name	Model Name
PoE 1	PHIHONG	POEA33U-1ATE
PoE 2	PHIHONG	POE60U-1BT-X
PoE 3	PHIHONG	POE29U-1AT(PL)
PoE 4	Delta	ADH-65AR B
PoE 5	Cisco	POEO75U-1BT

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

Equipment	Brand Name	Model Name	Remark
Mount bracket 1*1	Meraki	MA-MNT-MR-16	Used for CW9163E-MR
Mount bracket 2*1	Cisco	AIR-MNT-VERT1	Used for CW9163E-B
Waterproof Covering (Cap) 1*1	UDE	R66-MK-3001	Used for EUT 1
Waterproof Covering (Cap) 2*1	ODS	CMK-RJ45-CAP	Used for EUT 2
Waterproof Covering (Cable Gland) 1*1	UDE	R66-MK-2001	Used for EUT 1
Waterproof Covering (Cable Gland) 2*1	ODS	CMK-RJ45-CG	Used for EUT 2

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	2.5G LAN PC	DELL	T3400	N/A
B	PoE 3	PHIHONG	POE29U-1AT(PL)	N/A

For Radiated:

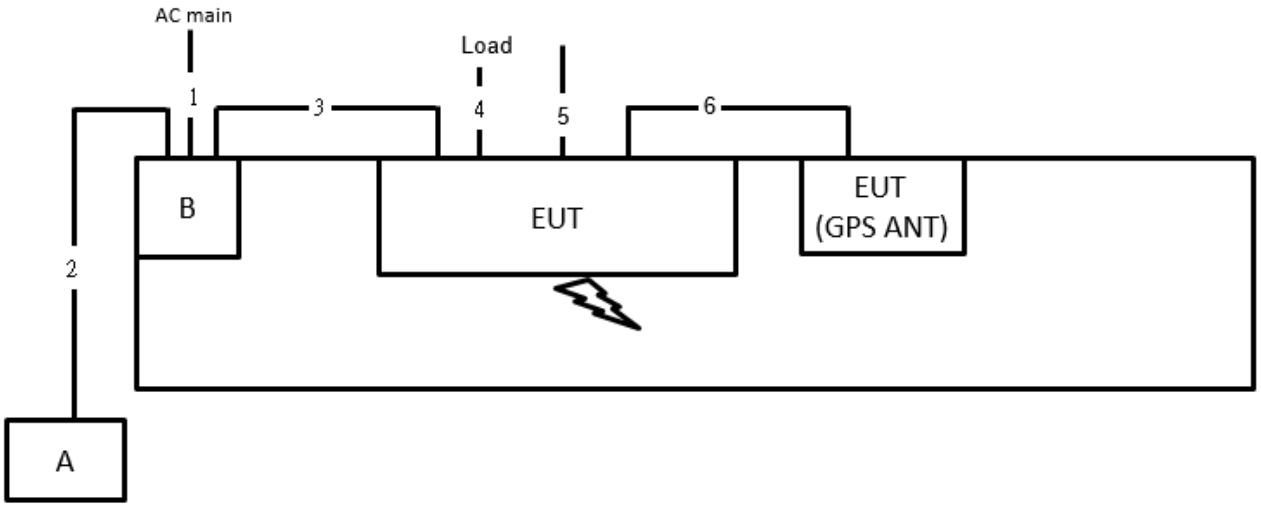
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 5	Cisco	POEO75U-1BT	N/A
B	Notebook	DELL	E6430	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE 4	Delta	ADH-65AR B	N/A

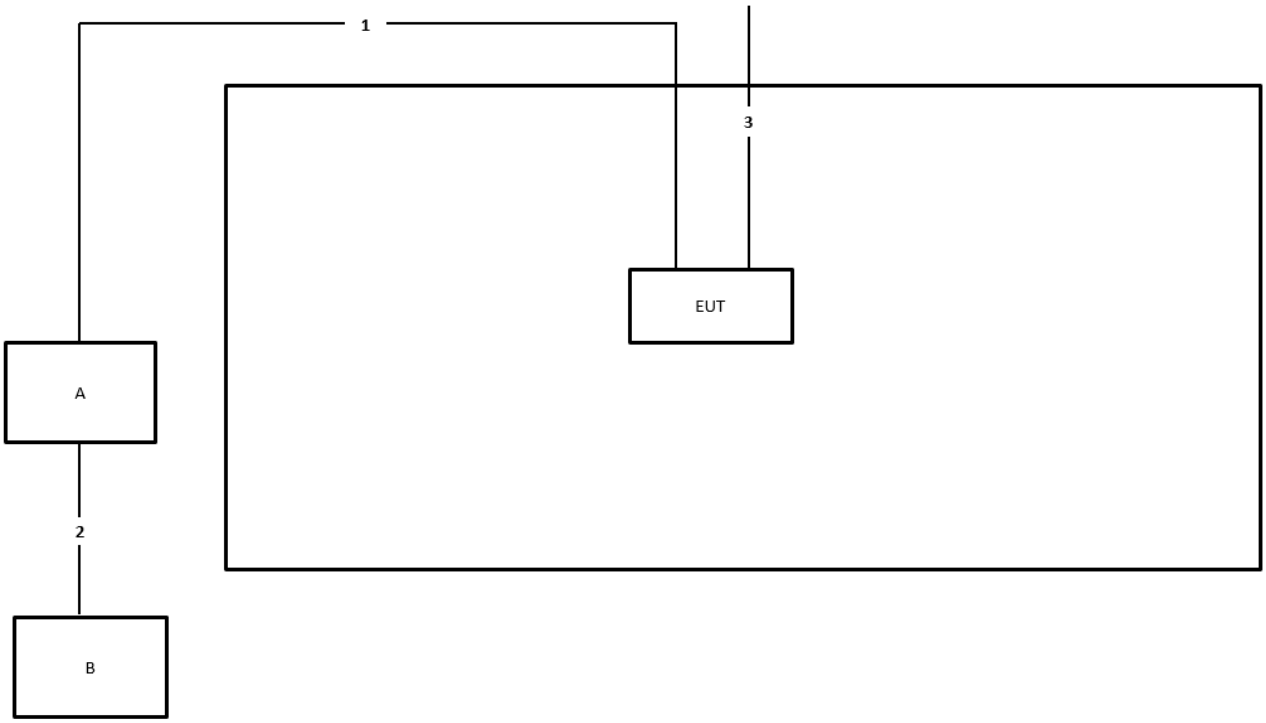
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



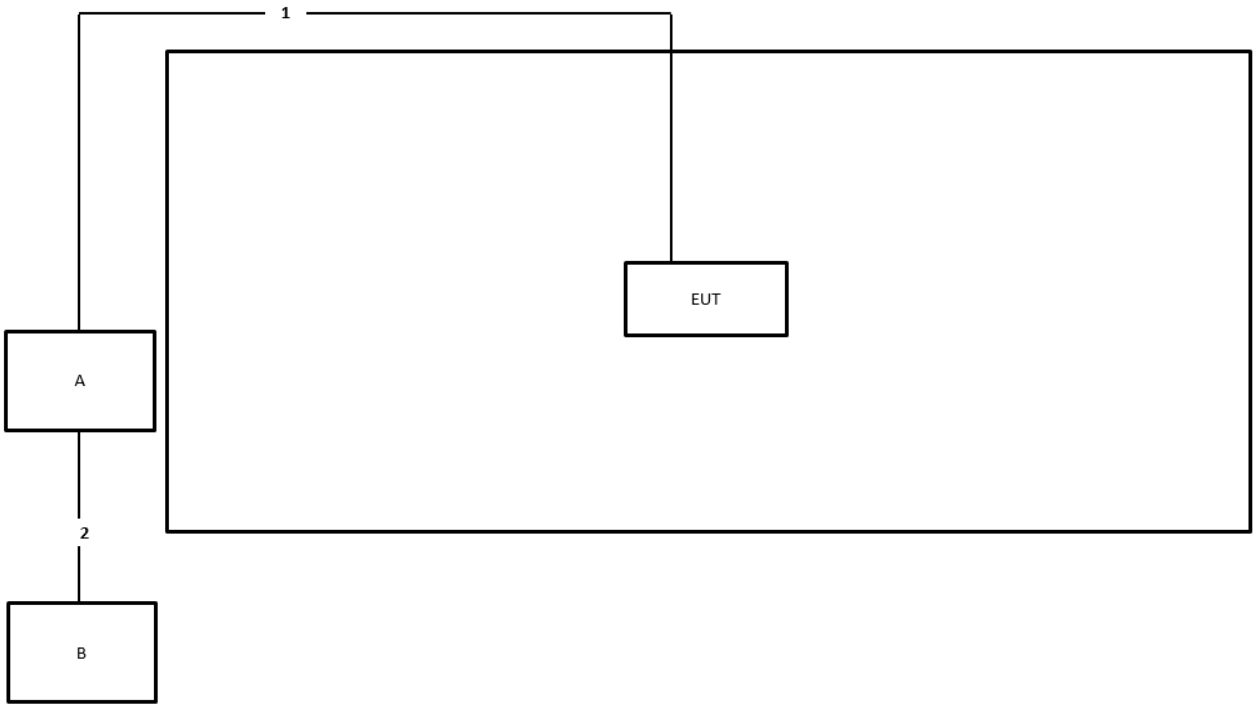
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1m
4	Console cable	No	1.8m
5	GND cable	No	1.5m
6	Ant cable	No	3m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

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

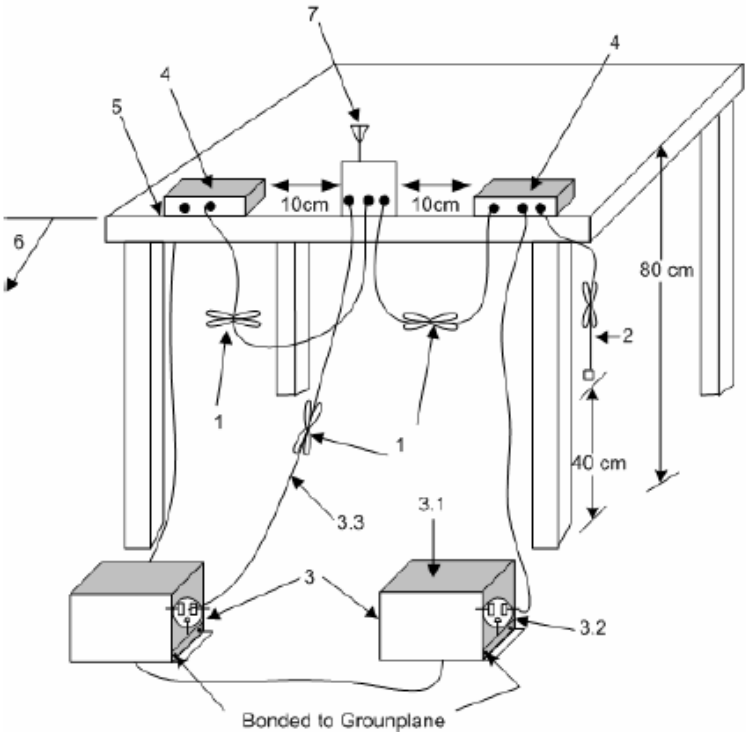
Refer a test equipment and calibration data table in this test report.

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.

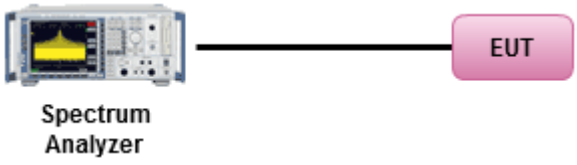
3.2.2 Measuring Instruments

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

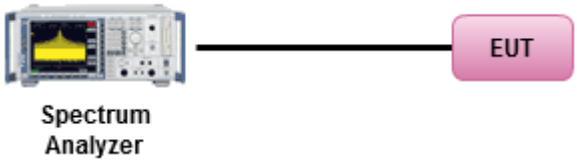
Refer a test equipment and calibration data table in this test report.

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.

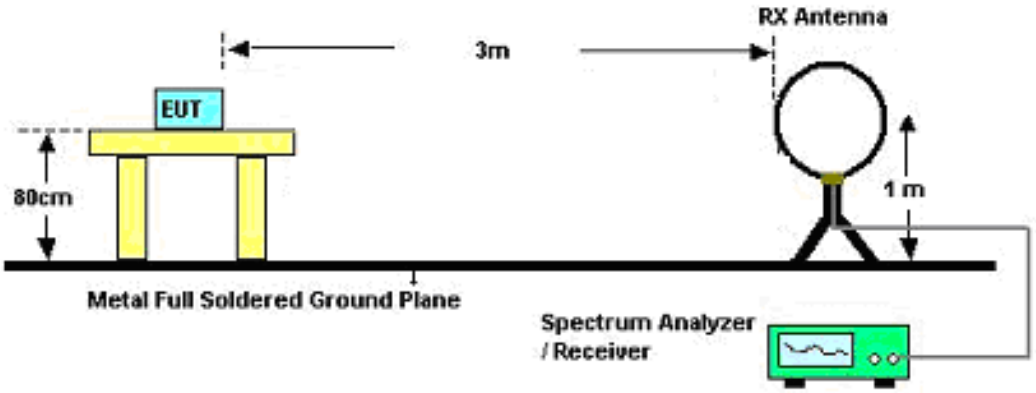
3.5.3 Test Procedures

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.		

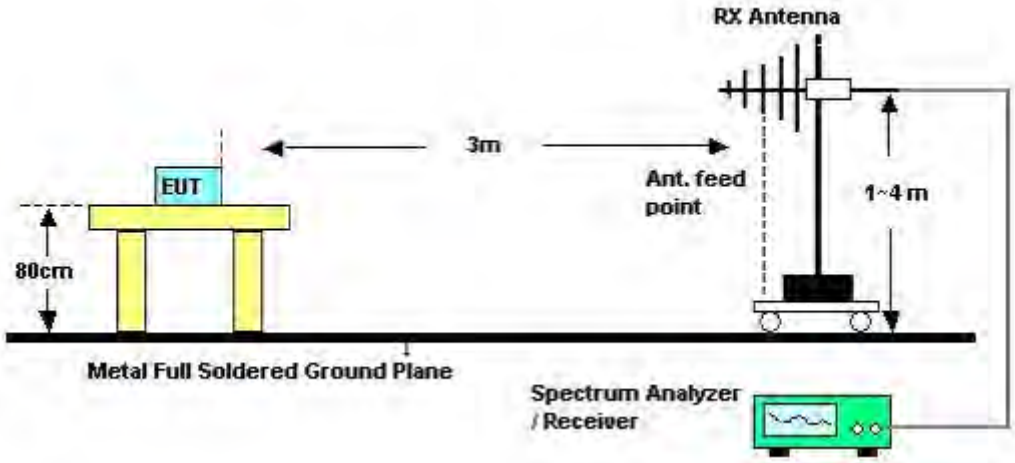
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

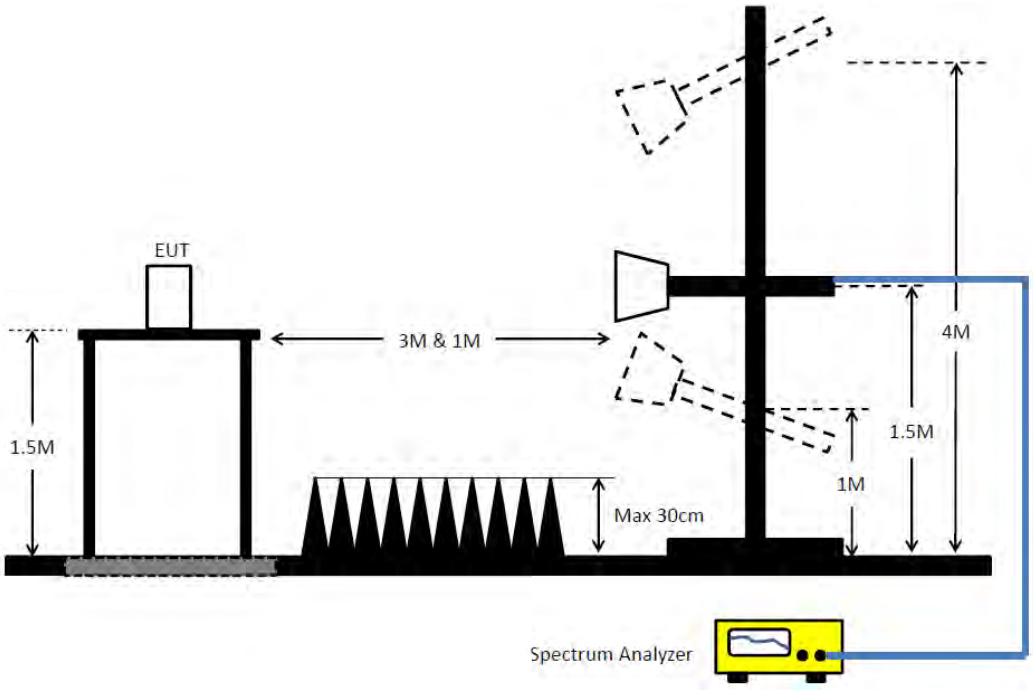
9kHz ~30MHz



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)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 02, 2022	Aug. 01, 2023	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 23, 2023	Feb. 22, 2024	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 08, 2022	Oct. 07, 2023	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	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jan. 13, 2023	Jan. 12, 2024	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	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
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH02-CB)
3m Semi Anechoic Chamber (NSA)	RIKEN	SAC-3M	03CH02-CB	30 MHz ~ 1 GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	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)
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)
Signal Analyzer	R&S	FSV3044	101320	9kHz ~ 44GHz	May 20, 2022	May 19, 2023	Conducted (TH01-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 21, 2023	Apr. 20, 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)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
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)

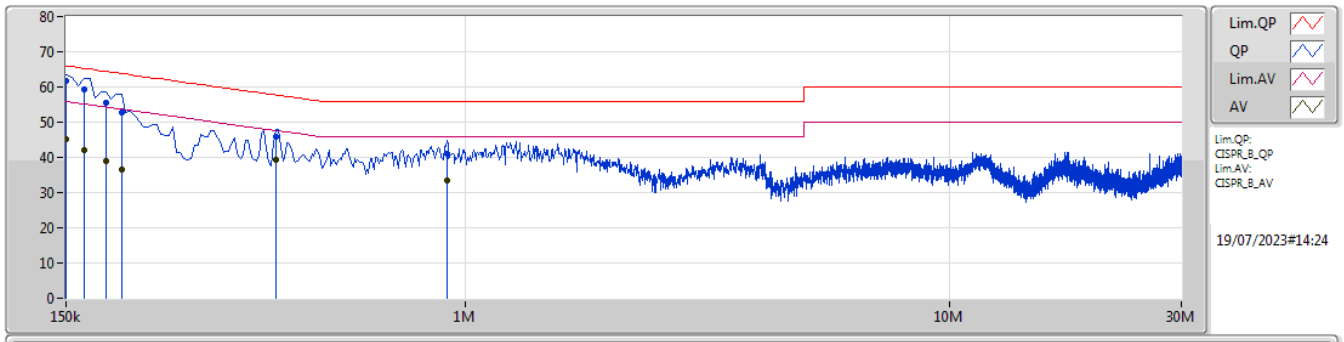
Note: Calibration Interval of instruments listed above is one year.

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

Summary

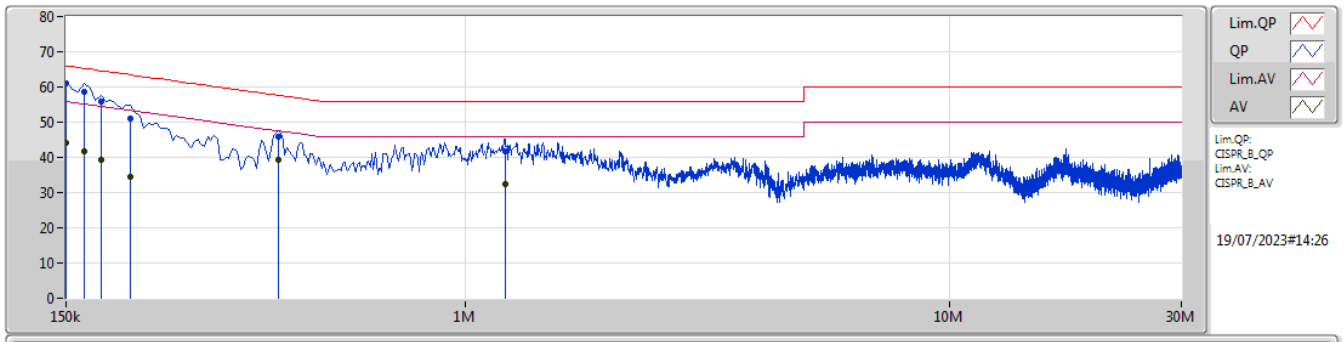
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	150k	61.78	66.00	-4.22	Line

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	61.78	66.00	-4.22	10.21	Line	"Worst"	51.57	0.04	0.08	10.09
AV	150k	45.03	56.00	-10.97	10.21	Line	-	34.82	0.04	0.08	10.09
QP	163.5k	59.22	65.27	-6.05	10.21	Line	-	49.01	0.04	0.09	10.08
AV	163.5k	42.16	55.27	-13.11	10.21	Line	-	31.95	0.04	0.09	10.08
QP	181.5k	55.48	64.41	-8.93	10.21	Line	-	45.27	0.04	0.10	10.07
AV	181.5k	38.88	54.41	-11.21	10.21	Line	-	28.67	0.04	0.10	10.07
QP	195k	52.61	63.82	-11.21	10.21	Line	-	42.40	0.04	0.11	10.06
AV	195k	36.45	53.82	-17.37	10.21	Line	-	26.24	0.04	0.11	10.06
QP	406.5k	45.93	57.72	-11.79	10.20	Line	-	35.73	0.04	0.15	10.01
AV	406.5k	39.40	47.72	-8.32	10.20	Line	-	29.20	0.04	0.15	10.01
QP	915k	40.88	56.00	-15.12	10.14	Line	-	30.74	0.05	0.18	9.91
AV	915k	33.38	46.00	-12.62	10.14	Line	-	23.24	0.05	0.18	9.91

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	61.03	66.00	-4.97	10.22	Neutral	"Worst"	50.81	0.05	0.08	10.09
AV	150k	44.06	56.00	-11.94	10.22	Neutral	-	33.84	0.05	0.08	10.09
QP	163.5k	58.74	65.27	-6.53	10.22	Neutral	-	48.52	0.05	0.09	10.08
AV	163.5k	41.74	55.27	-13.53	10.22	Neutral	-	31.52	0.05	0.09	10.08
QP	177k	55.90	64.62	-8.72	10.22	Neutral	-	45.68	0.05	0.10	10.07
AV	177k	39.19	54.62	-15.43	10.22	Neutral	-	28.97	0.05	0.10	10.07
QP	204k	51.00	63.44	-12.44	10.22	Neutral	-	40.78	0.05	0.11	10.06
AV	204k	34.42	53.44	-19.02	10.22	Neutral	-	24.20	0.05	0.11	10.06
QP	411k	45.70	57.63	-11.93	10.21	Neutral	-	35.49	0.05	0.15	10.01
AV	411k	39.15	47.63	-8.48	10.21	Neutral	-	28.94	0.05	0.15	10.01
QP	1.208M	41.61	56.00	-14.39	10.13	Neutral	-	31.48	0.07	0.18	9.88
AV	1.208M	32.36	46.00	-13.64	10.13	Neutral	-	22.23	0.07	0.18	9.88

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)_1TX	21.725M	16.47M	16M5D1D	20.46M	16.382M
802.11a_Nss1,(6Mbps)_1TX	21.01M	16.448M	16M4D1D	20.405M	16.382M
802.11a_Nss1,(6Mbps)_2TX	20.405M	16.382M	16M4D1D	20.02M	16.36M
802.11ax HEW20_Nss1,(MCS0)_1TX	25.74M	19.015M	19M0D1D	21.34M	18.941M
802.11ax HEW20_Nss1,(MCS0)_1TX	23.87M	18.966M	19M0D1D	21.45M	18.941M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.505M	18.916M	18M9D1D	21.01M	18.866M
802.11ax HEW40_Nss1,(MCS0)_1TX	43.01M	37.881M	37M9D1D	40.92M	37.731M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.58M	37.831M	37M8D1D	41.14M	37.731M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.14M	37.781M	37M8D1D	40.92M	37.731M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.5M	76.962M	77M0D1D	82.5M	76.962M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.06M	77.061M	77M1D1D	82.06M	77.061M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.28M	77.061M	77M1D1D	82.06M	77.061M

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

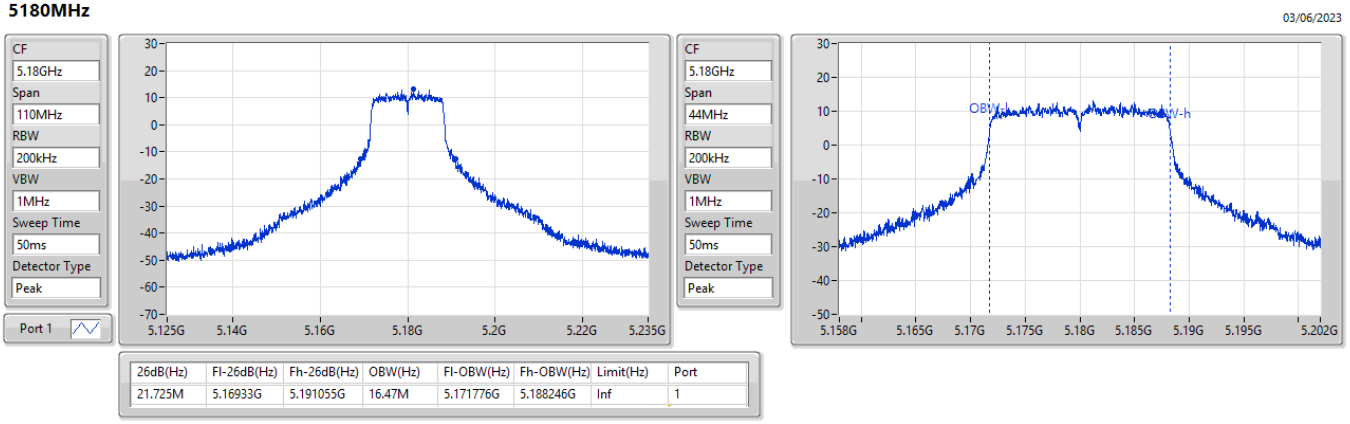
Result

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)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.725M	16.47M		
5200MHz	Pass	Inf	20.845M	16.448M		
5240MHz	Pass	Inf	20.46M	16.382M		
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.34M	18.966M		
5200MHz	Pass	Inf	25.74M	19.015M		
5240MHz	Pass	Inf	21.56M	18.941M		
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	37.731M		
5230MHz	Pass	Inf	43.01M	37.881M		
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.5M	76.962M		
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf			20.68M	16.404M
5200MHz	Pass	Inf			21.01M	16.448M
5240MHz	Pass	Inf			20.405M	16.382M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf			21.45M	18.941M
5200MHz	Pass	Inf			23.87M	18.966M
5240MHz	Pass	Inf			22.11M	18.966M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	Inf			41.14M	37.731M
5230MHz	Pass	Inf			41.58M	37.831M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	Inf			82.06M	77.061M
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.02M	16.382M	20.35M	16.382M
5200MHz	Pass	Inf	20.02M	16.36M	20.405M	16.36M
5240MHz	Pass	Inf	20.075M	16.36M	20.295M	16.36M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.285M	18.916M	21.45M	18.891M
5200MHz	Pass	Inf	21.01M	18.916M	21.505M	18.866M
5240MHz	Pass	Inf	21.285M	18.916M	21.395M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	37.731M	40.92M	37.731M
5230MHz	Pass	Inf	41.14M	37.781M	41.14M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.28M	77.061M	82.06M	77.061M

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)_1TX **EBW**

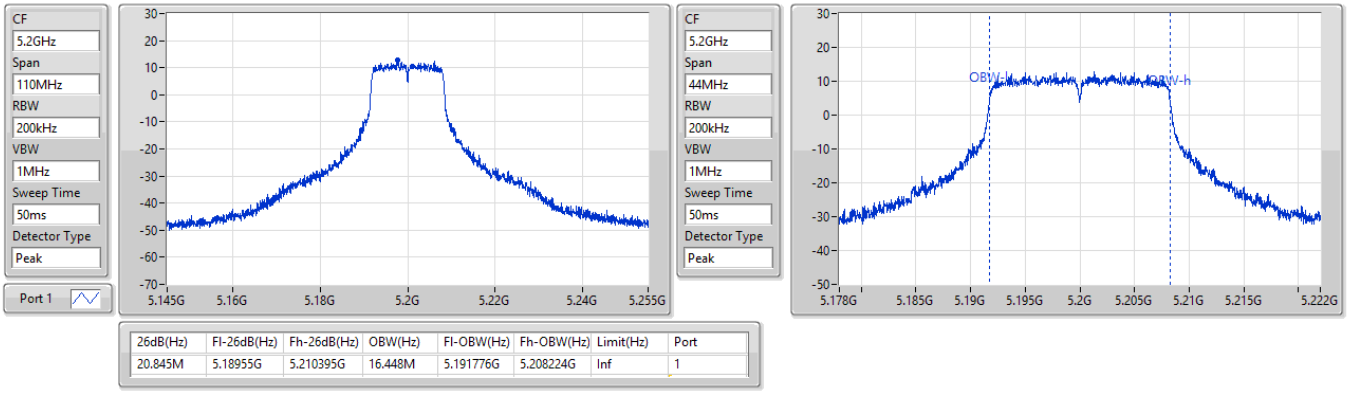
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.16933G	5.191055G	16.47M	5.171776G	5.188246G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

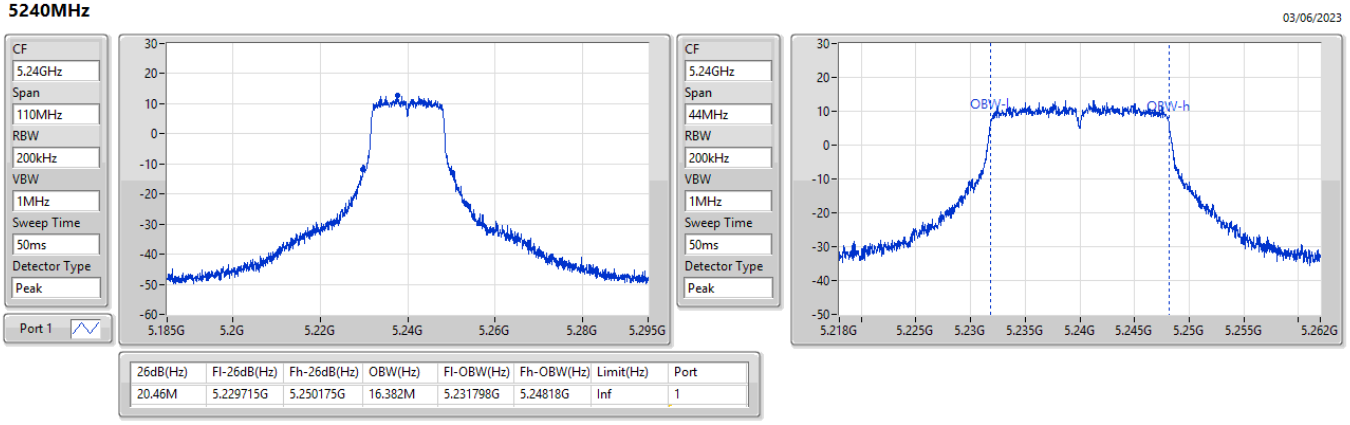
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.845M	5.18955G	5.210395G	16.448M	5.191776G	5.208224G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

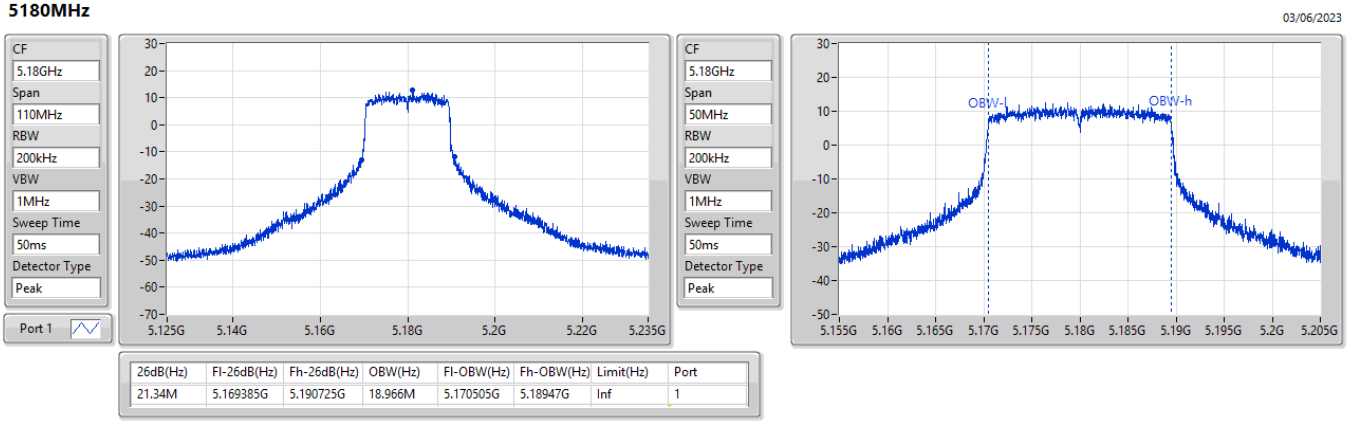
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.229715G	5.250175G	16.382M	5.231798G	5.24818G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5180MHz

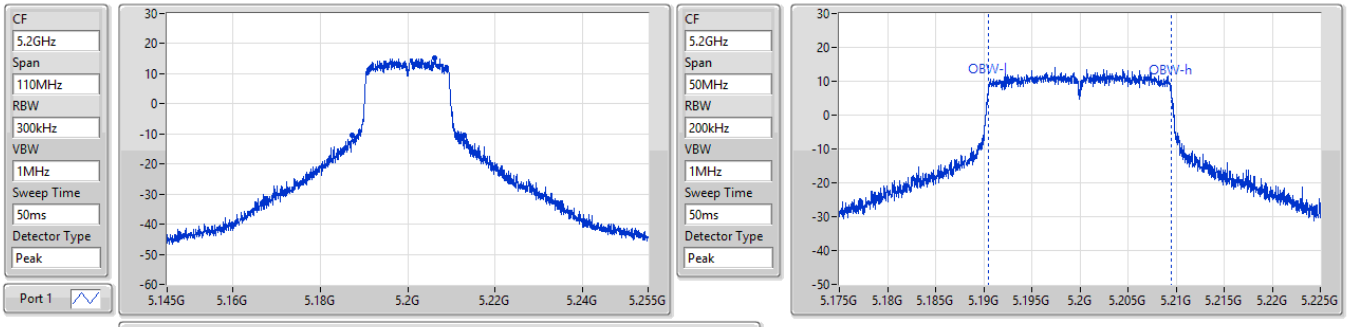


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.34M	5.169385G	5.190725G	18.966M	5.170505G	5.18947G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5200MHz

03/06/2023

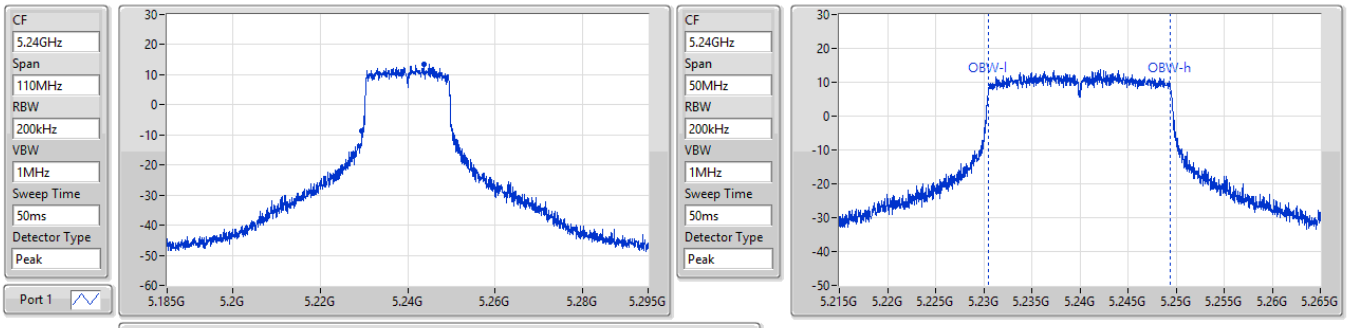


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.74M	5.18724G	5.21298G	19.015M	5.19048G	5.209495G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5240MHz

03/06/2023

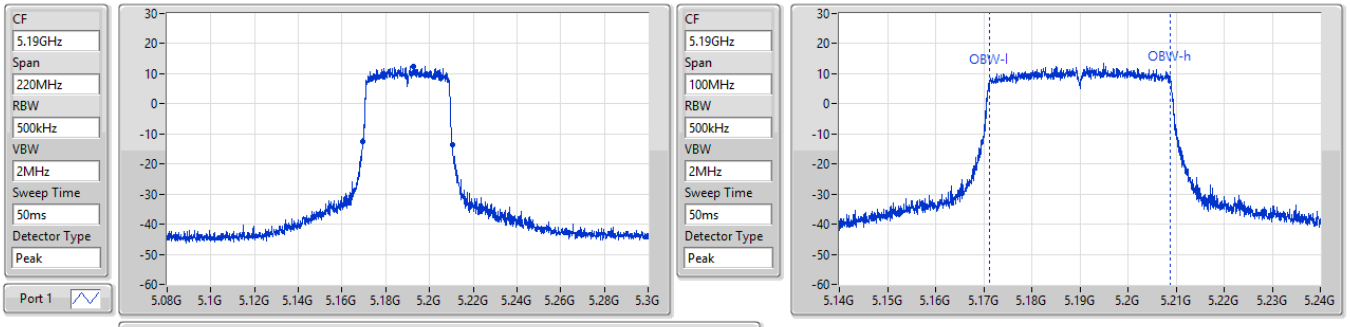


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.56M	5.22944G	5.251G	18.941M	5.230505G	5.249445G	Inf	1

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5190MHz

03/06/2023

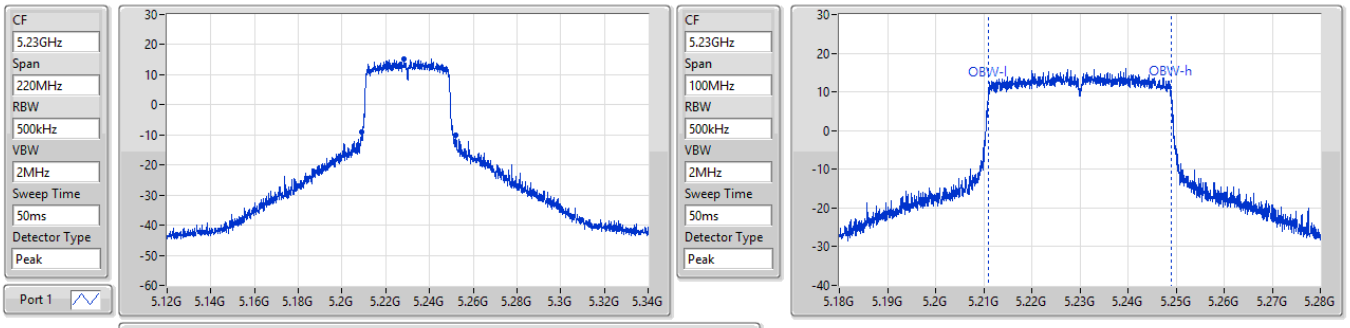


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.16943G	5.21035G	37.731M	5.171159G	5.208891G	Inf	1

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5230MHz

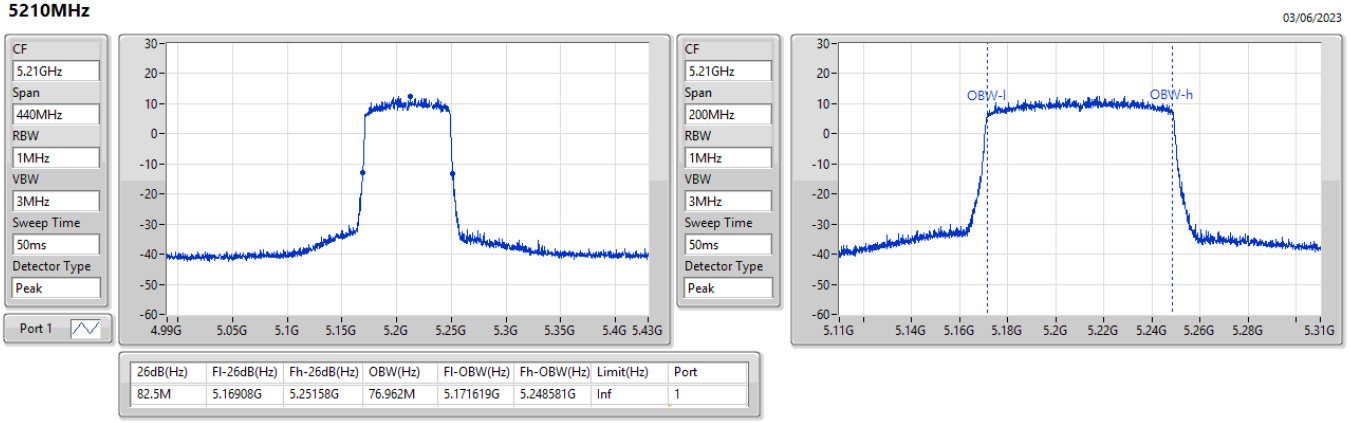
03/06/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.01M	5.20899G	5.252G	37.881M	5.211059G	5.248941G	Inf	1

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

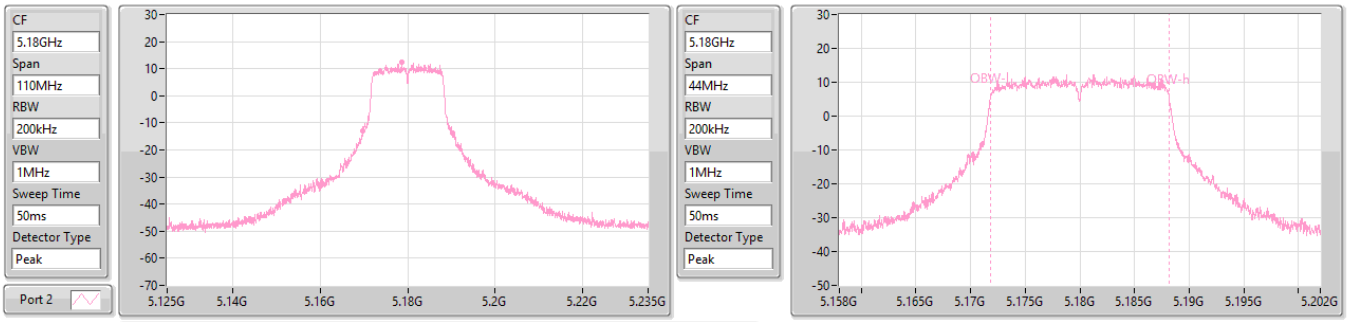
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.16908G	5.25158G	76.962M	5.171619G	5.248581G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

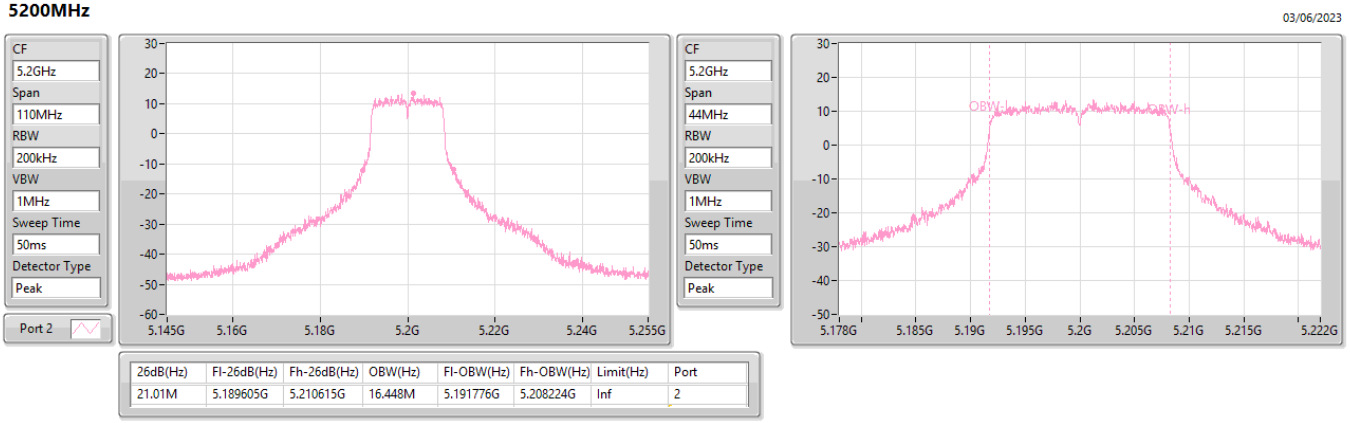
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.68M	5.16966G	5.19034G	16.404M	5.171798G	5.188202G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

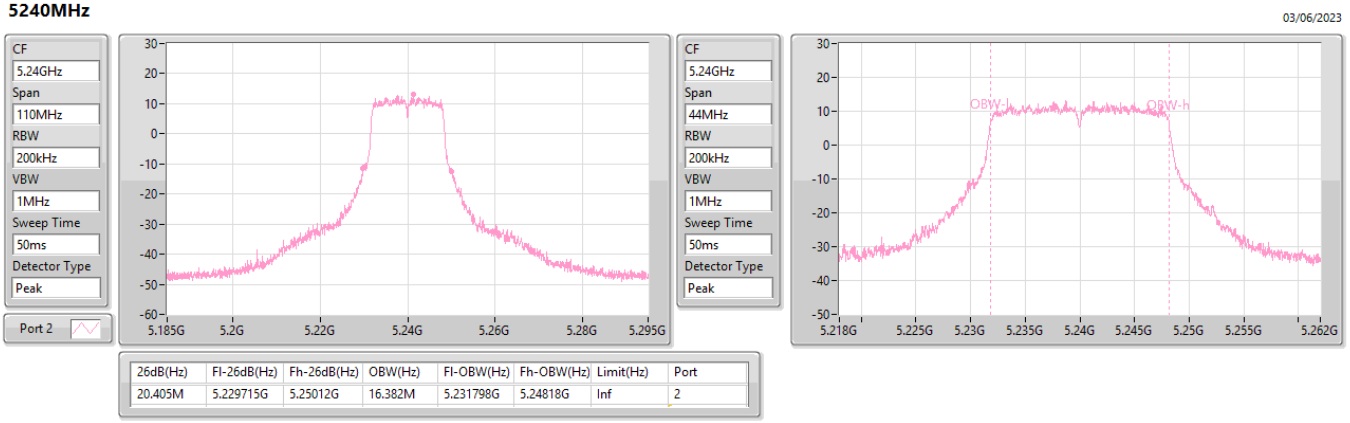
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.01M	5.189605G	5.210615G	16.448M	5.191776G	5.208224G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5240MHz

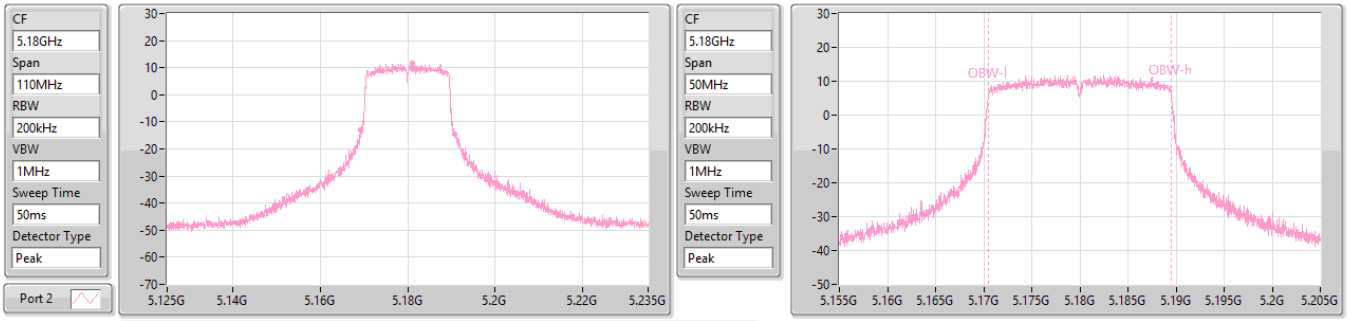


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.229715G	5.25012G	16.382M	5.231798G	5.24818G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5180MHz

03/06/2023

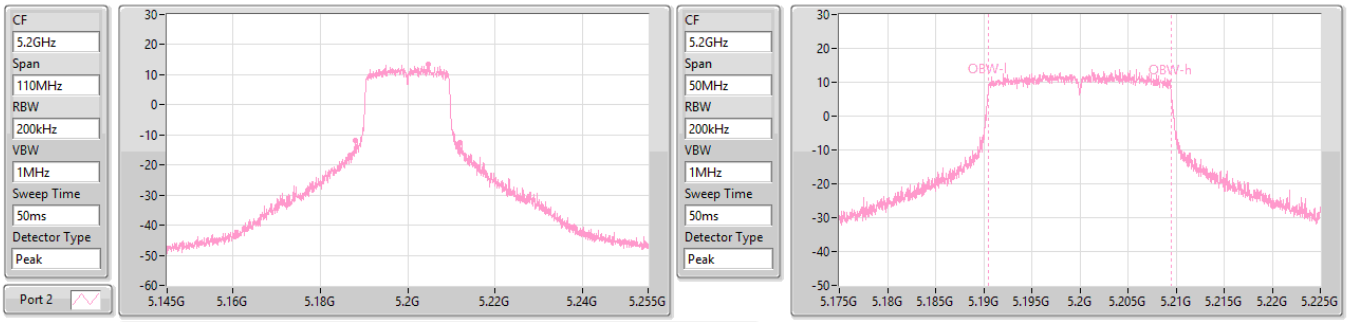


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.169275G	5.190725G	18.941M	5.17053G	5.18947G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5200MHz

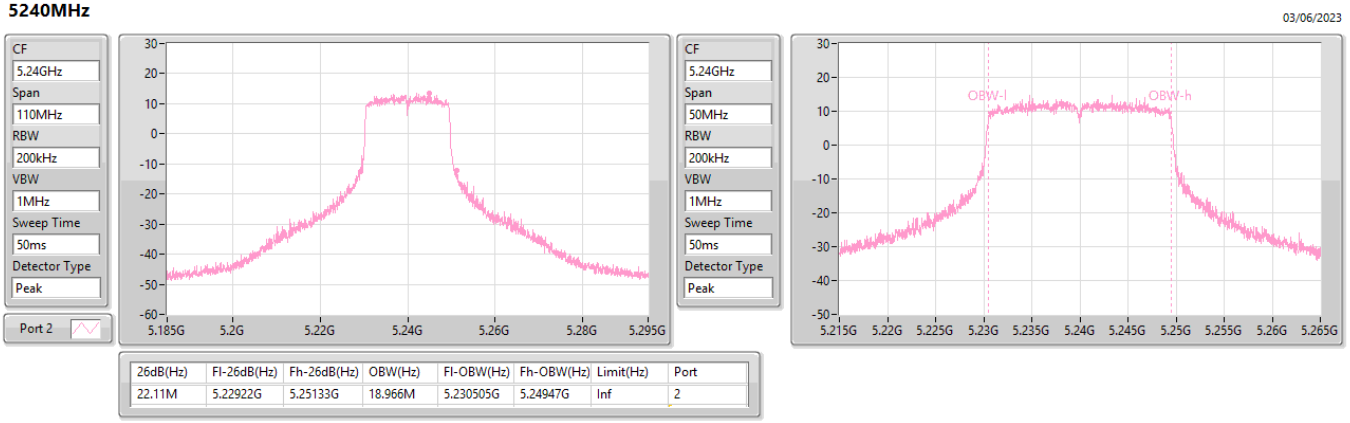
03/06/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.87M	5.18812G	5.21199G	18.966M	5.190505G	5.20947G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

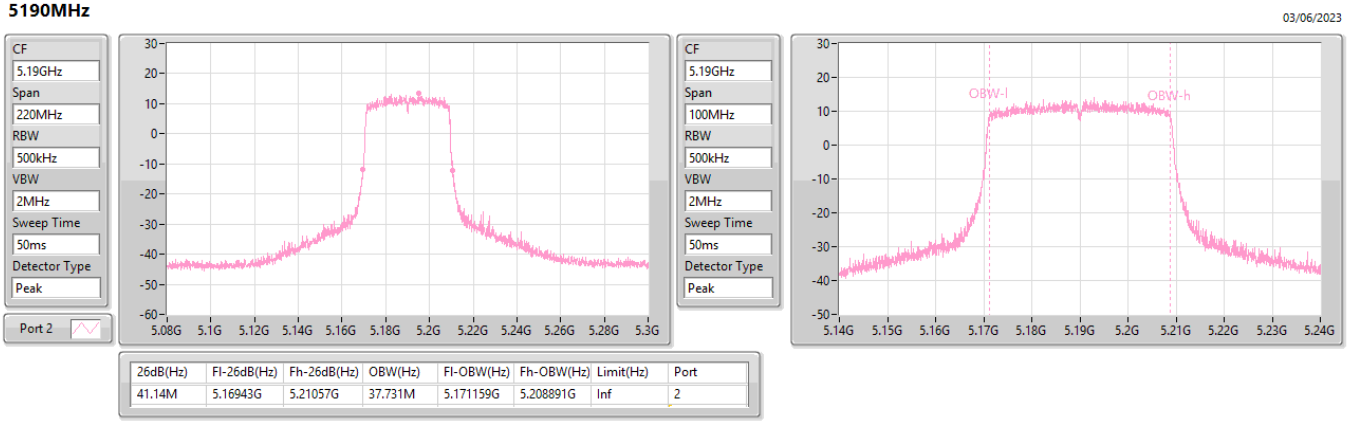
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.11M	5.22922G	5.25133G	18.966M	5.230505G	5.24947G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

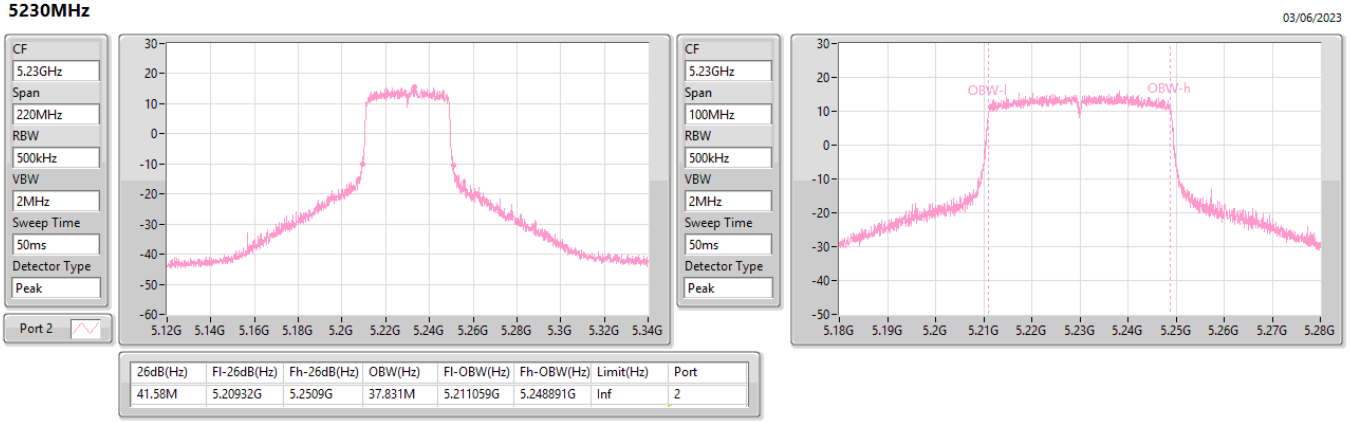
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.14M	5.16943G	5.21057G	37.731M	5.171159G	5.208891G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

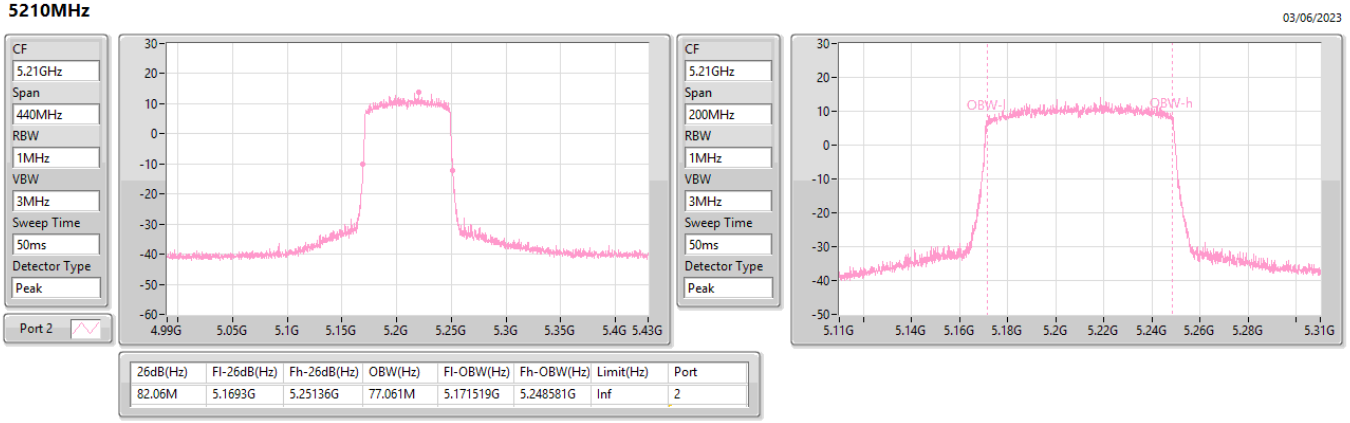
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	5.20932G	5.2509G	37.831M	5.211059G	5.248891G	Inf	2

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5210MHz

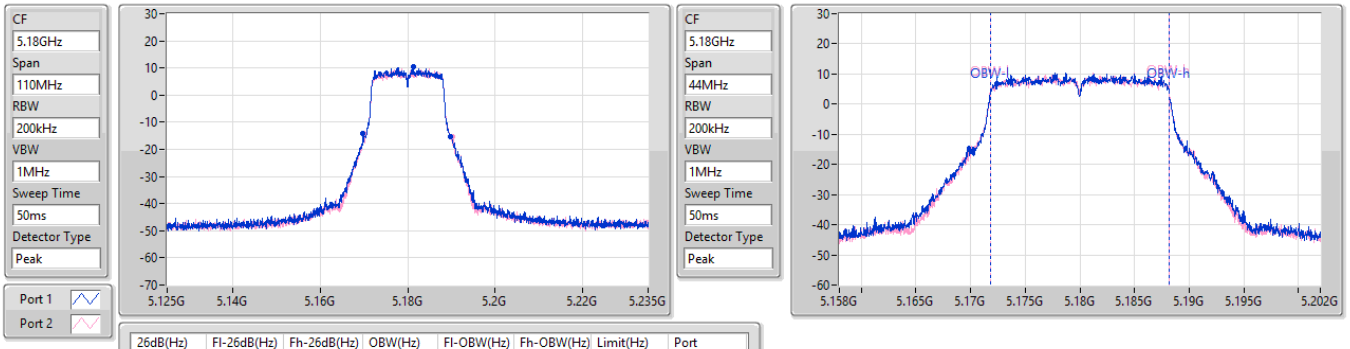


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.06M	5.1693G	5.25136G	77.061M	5.171519G	5.248581G	Inf	2

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

5180MHz

03/06/2023

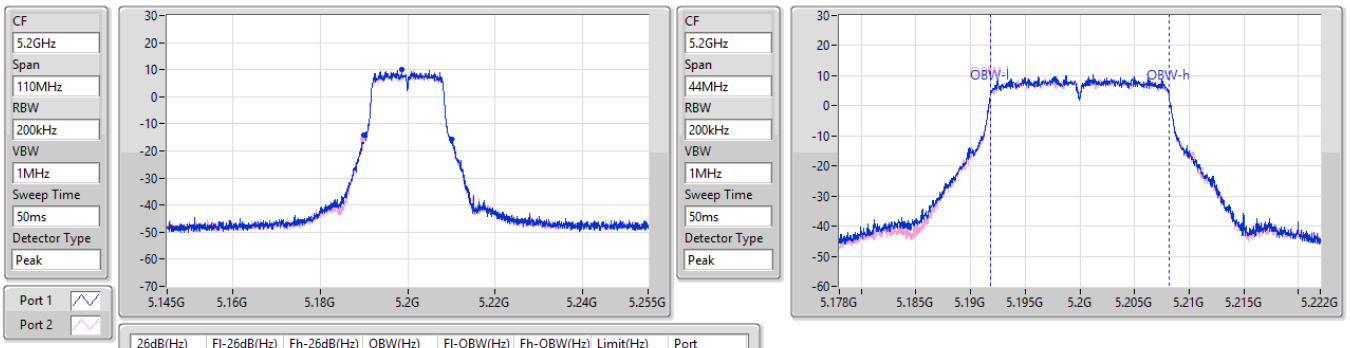


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	5.16977G	5.18979G	16.382M	5.171798G	5.18818G	Inf	1
20.35M	5.170045G	5.190395G	16.382M	5.171798G	5.18818G	Inf	2

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

5200MHz

03/06/2023

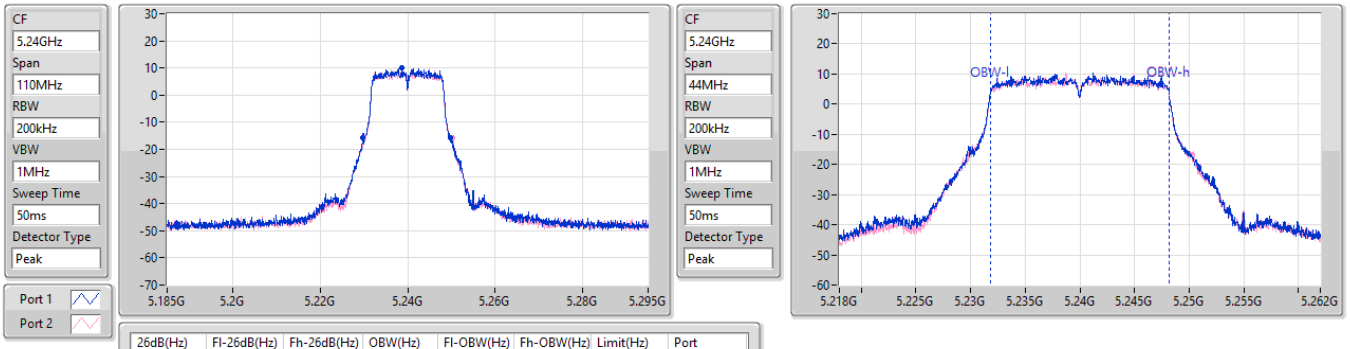


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	5.189935G	5.209955G	16.36M	5.191798G	5.208158G	Inf	1
20.405M	5.18977G	5.210175G	16.36M	5.19182G	5.20818G	Inf	2

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

5240MHz

03/06/2023

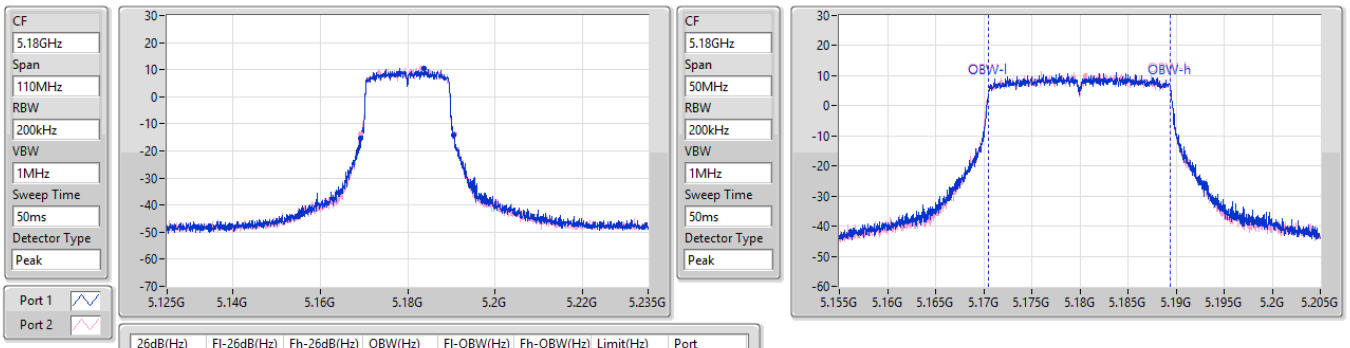


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.075M	5.229715G	5.24979G	16.36M	5.231798G	5.248158G	Inf	1
20.295M	5.22988G	5.250175G	16.36M	5.231798G	5.248158G	Inf	2

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

5180MHz

03/06/2023

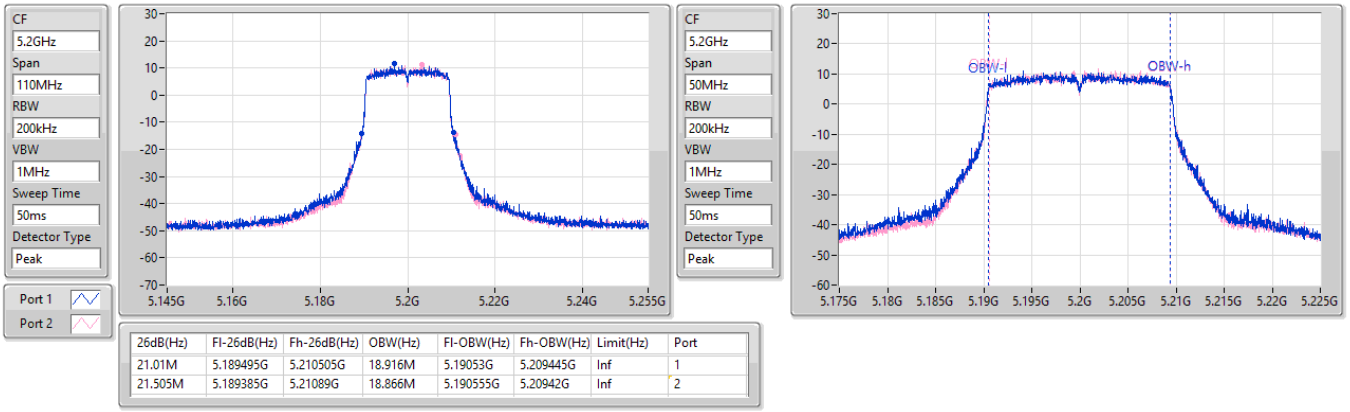


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.285M	5.16933G	5.190615G	18.916M	5.17053G	5.189445G	Inf	1
21.45M	5.169275G	5.190725G	18.891M	5.17053G	5.18942G	Inf	2

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

5200MHz

03/06/2023

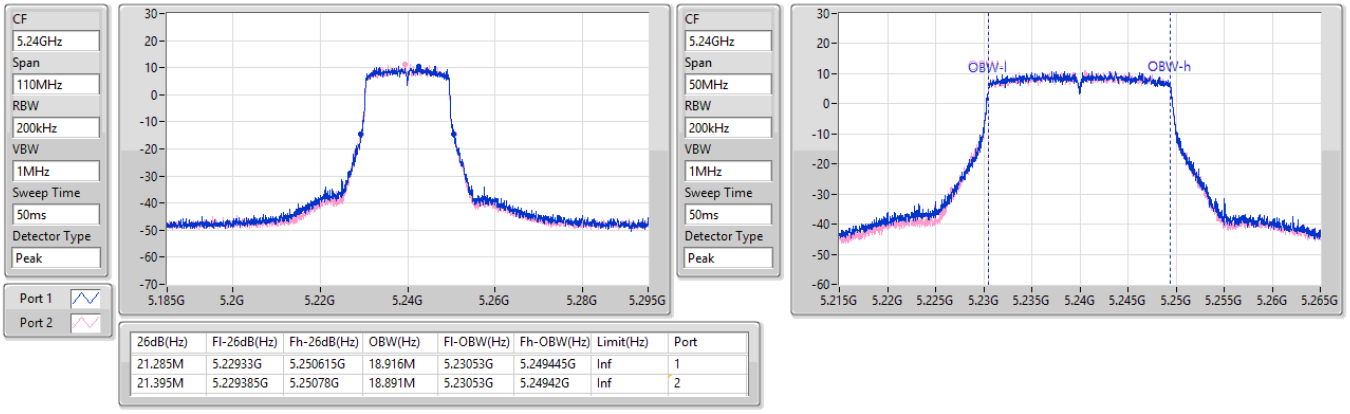


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.01M	5.189495G	5.210505G	18.916M	5.19053G	5.209445G	Inf	1
21.505M	5.189385G	5.21089G	18.866M	5.190555G	5.20942G	Inf	2

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

5240MHz

03/06/2023

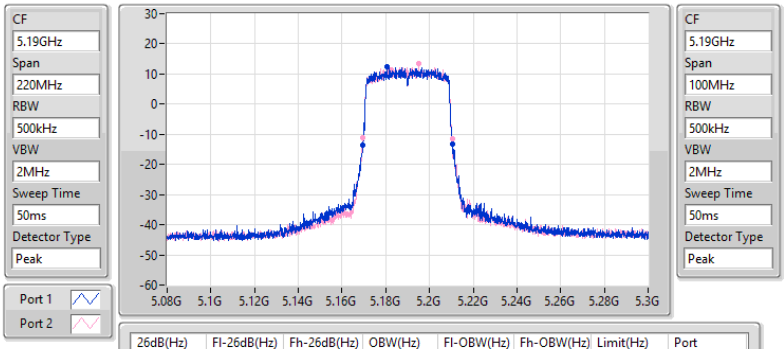


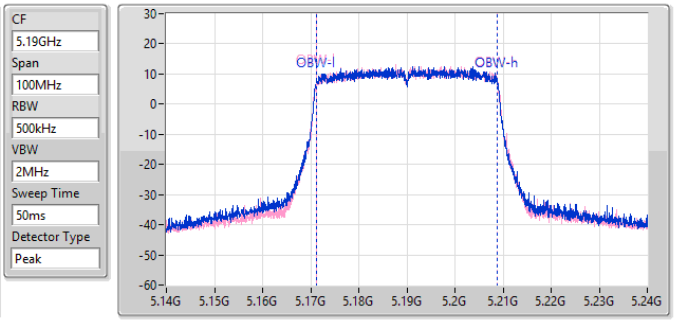
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.285M	5.22933G	5.250615G	18.916M	5.23053G	5.249445G	Inf	1
21.395M	5.229385G	5.25078G	18.891M	5.23053G	5.24942G	Inf	2

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

5190MHz

03/06/2023



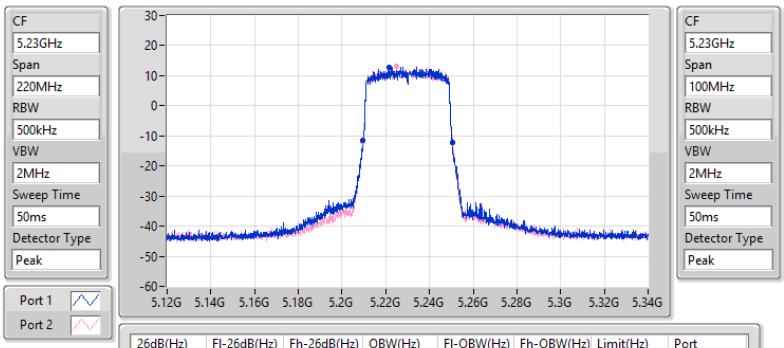


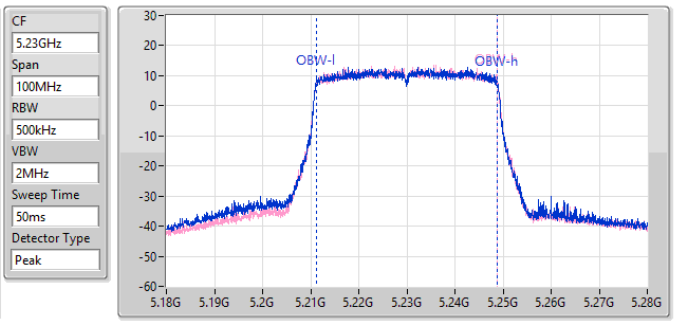
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.16965G	5.21057G	37.731M	5.171109G	5.208841G	Inf	1
40.92M	5.16954G	5.21046G	37.731M	5.171159G	5.208891G	Inf	2

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

5230MHz

03/06/2023



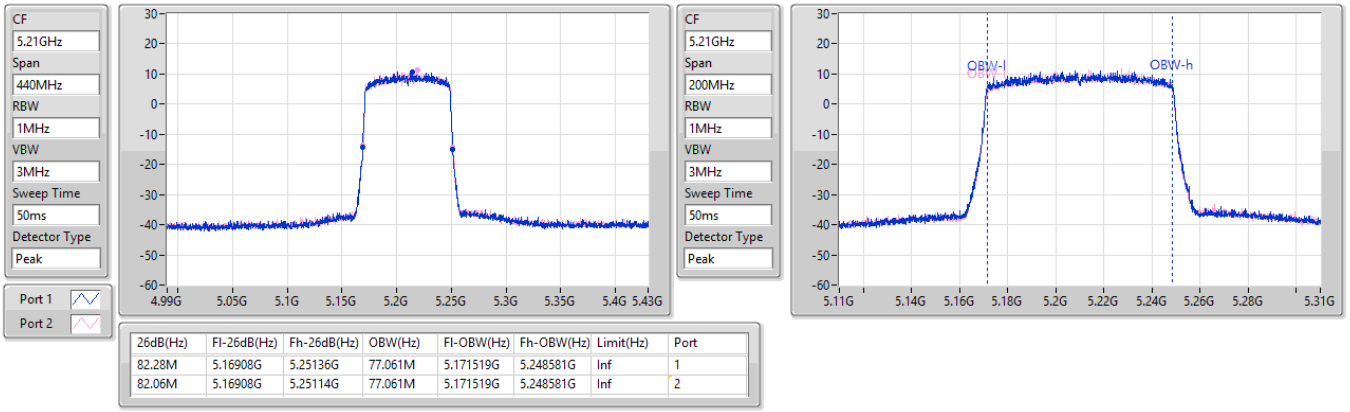


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.14M	5.20943G	5.25057G	37.781M	5.211109G	5.248891G	Inf	1
41.14M	5.20965G	5.25079G	37.781M	5.211109G	5.248891G	Inf	2

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

5210MHz

03/06/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.28M	5.16908G	5.25136G	77.061M	5.171519G	5.248581G	Inf	1
82.06M	5.16908G	5.25114G	77.061M	5.171519G	5.248581G	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)_1TX	20.24M	16.382M	16M4D1D	19.91M	16.338M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.065M	18.941M	18M9D1D	20.9M	18.866M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.03M	37.681M	37M7D1D	40.37M	37.631M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.84M	77.161M	77M2D1D	81.84M	77.161M

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

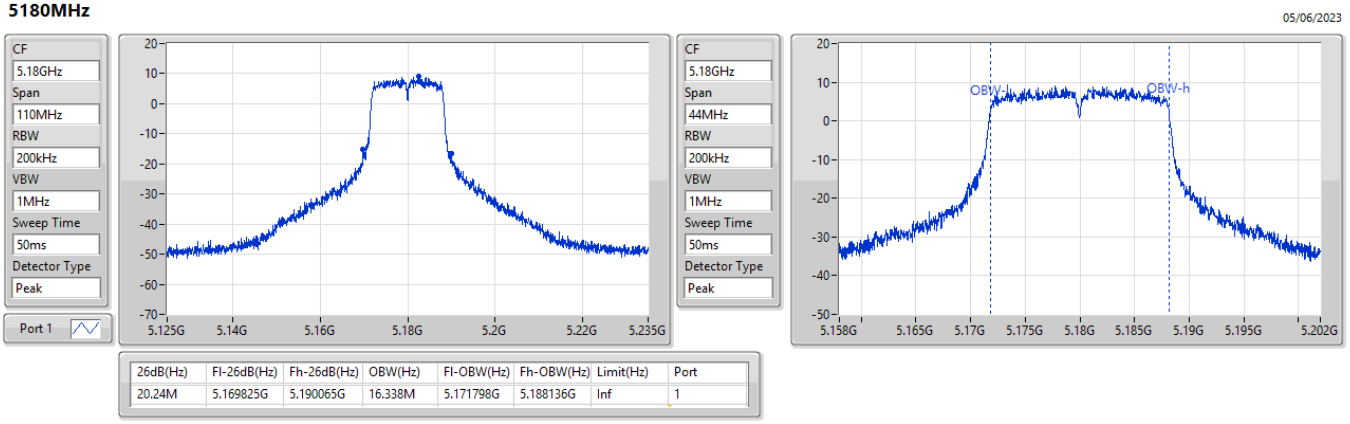
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.24M	16.338M
5200MHz	Pass	Inf	20.24M	16.382M
5240MHz	Pass	Inf	19.91M	16.36M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.9M	18.866M
5200MHz	Pass	Inf	20.955M	18.941M
5240MHz	Pass	Inf	21.065M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.37M	37.681M
5230MHz	Pass	Inf	41.03M	37.631M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	81.84M	77.161M

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)_1TX **EBW**

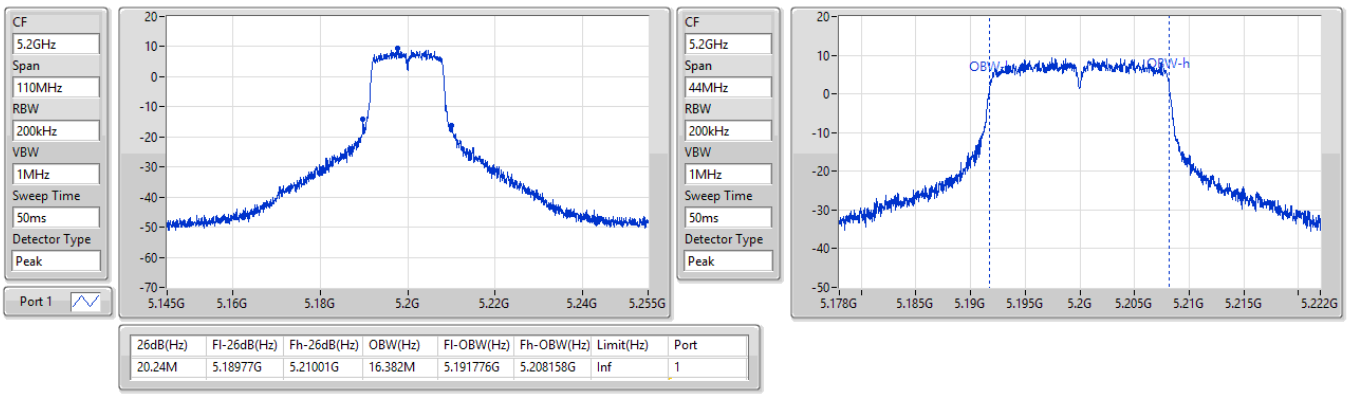
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.24M	5.169825G	5.190065G	16.338M	5.171798G	5.188136G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

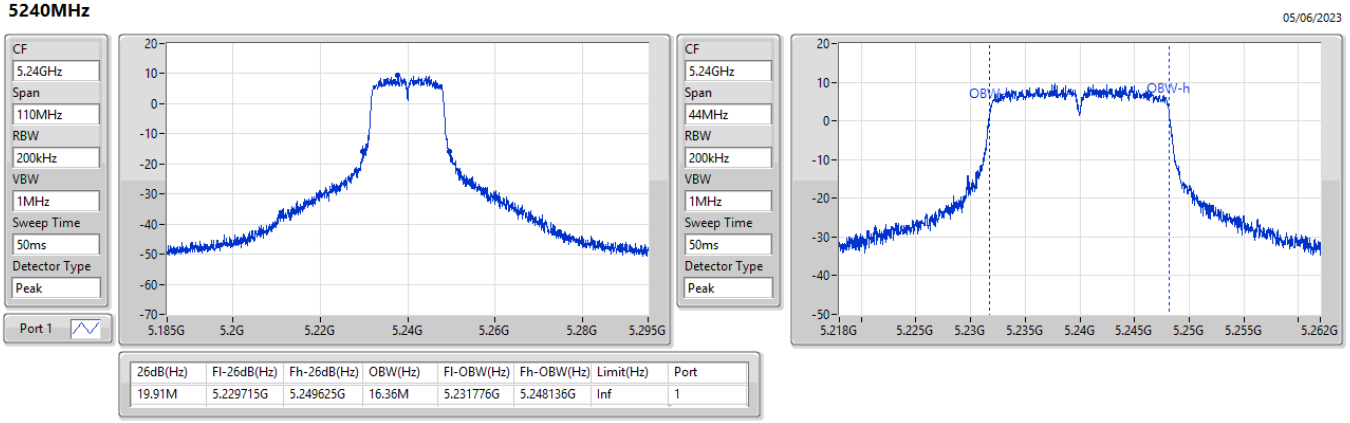
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.24M	5.18977G	5.21001G	16.382M	5.191776G	5.208158G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

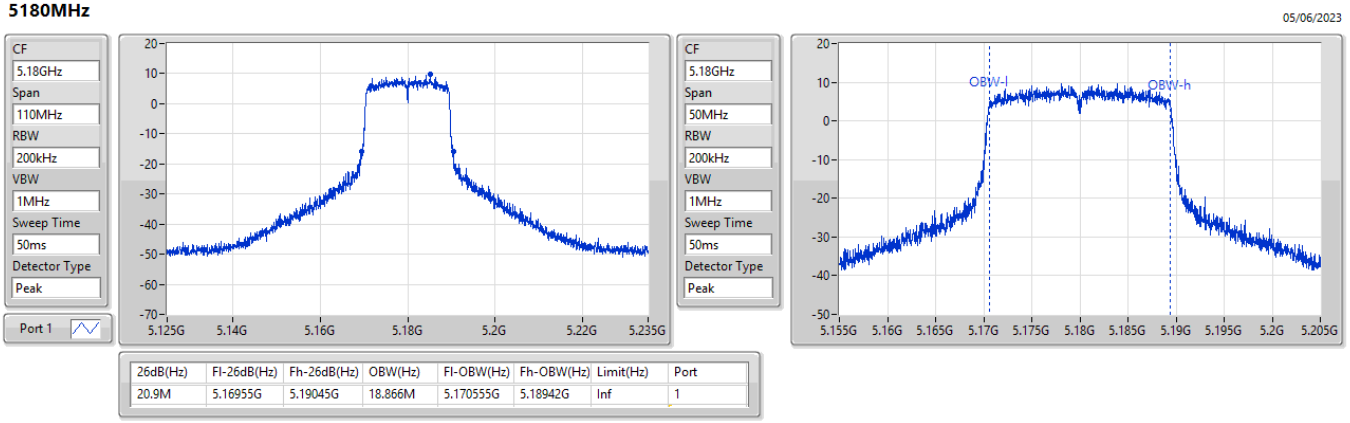
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.91M	5.229715G	5.249625G	16.36M	5.231776G	5.248136G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5180MHz

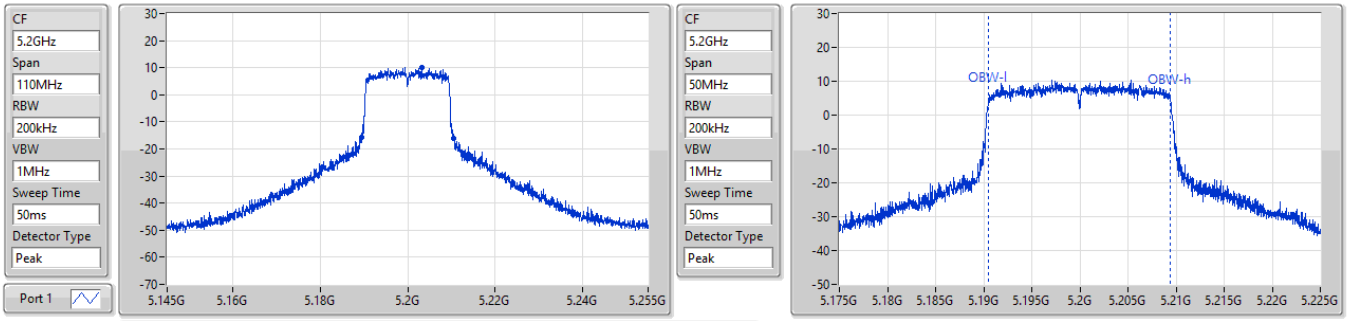


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.9M	5.16955G	5.19045G	18.866M	5.170555G	5.18942G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5200MHz

05/06/2023

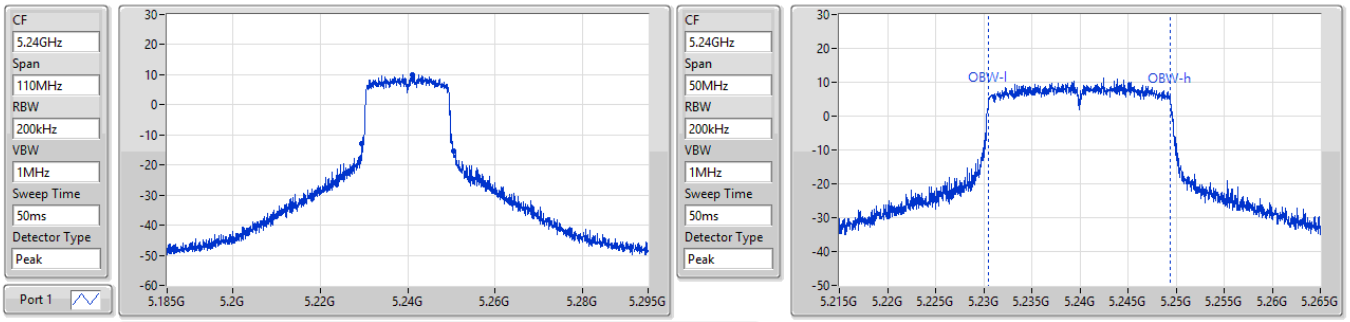


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.955M	5.18955G	5.210505G	18.941M	5.190505G	5.209445G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5240MHz

05/06/2023

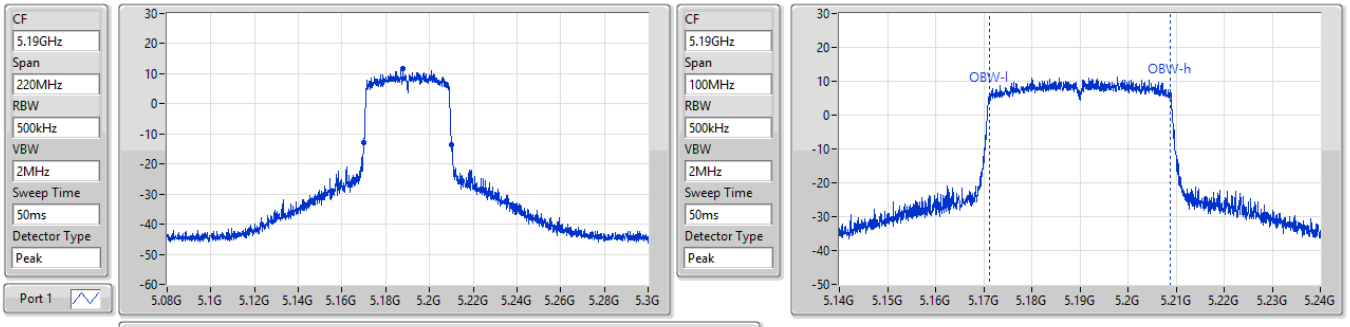


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.065M	5.229495G	5.25056G	18.891M	5.23053G	5.24942G	Inf	1

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5190MHz

05/06/2023

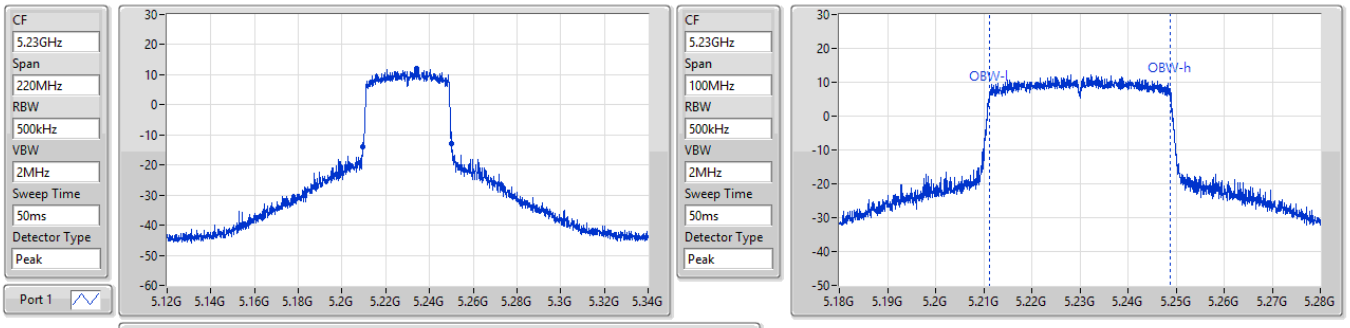


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.37M	5.16987G	5.21024G	37.681M	5.171159G	5.208841G	Inf	1

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5230MHz

05/06/2023

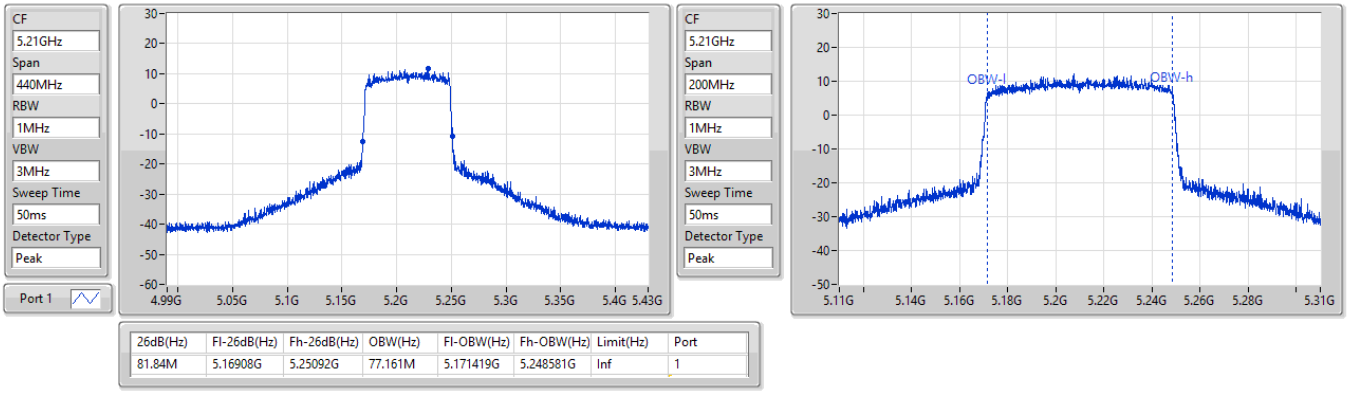


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.03M	5.20921G	5.25024G	37.631M	5.211209G	5.248841G	Inf	1

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5210MHz

05/06/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.16908G	5.25092G	77.161M	5.171419G	5.248581G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.58	0.18113	30.58/20.55	1.14288/0.113501
802.11a_Nss1,(6Mbps)_1TX	22.68	0.18535	30.68/20.65	1.16950/0.116145
802.11a_Nss1,(6Mbps)_2TX	23.01	0.19999	31.01/20.98	1.26183/0.125314
802.11ax HEW20_Nss1,(MCS0)_1TX	22.93	0.19634	30.93/20.90	1.23880/0.123027
802.11ax HEW20_Nss1,(MCS0)_1TX	22.93	0.19634	30.93/20.90	1.23880/0.123027
802.11ax HEW20_Nss1,(MCS0)_2TX	23.00	0.19953	31.00/20.97	1.25893/0.125026
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.79	0.09528	30.80/20.77	1.20226/0.119399
802.11ax HEW40_Nss1,(MCS0)_1TX	22.93	0.19634	30.93/20.90	1.23880/0.123027
802.11ax HEW40_Nss1,(MCS0)_1TX	22.77	0.18923	30.77/20.74	1.19399/0.118577
802.11ax HEW40_Nss1,(MCS0)_2TX	22.81	0.19099	30.81/20.78	1.20504/0.119674
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.80	0.09550	30.81/20.78	1.20504/0.119674
802.11ax HEW80_Nss1,(MCS0)_1TX	18.96	0.07870	26.96/16.93	0.49659/0.049317
802.11ax HEW80_Nss1,(MCS0)_1TX	19.45	0.08810	27.45/17.42	0.55590/0.055208
802.11ax HEW80_Nss1,(MCS0)_2TX	20.35	0.10839	28.35/18.32	0.68391/0.067920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.84	0.09638	30.85/20.82	1.21619/0.120781

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP imit / Elevation angle higher than 30° EIRP limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00/-2.03	22.47		22.47	28.00	30.47/20.44	Inf/21.00
5200MHz	Pass	8.00/-2.03	22.58		22.58	28.00	30.58/20.55	Inf/21.00
5240MHz	Pass	8.00/-2.03	22.57		22.57	28.00	30.57/20.54	Inf/21.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00/-2.03	21.71		21.71	28.00	29.71/19.68	Inf/21.00
5200MHz	Pass	8.00/-2.03	22.93		22.93	28.00	30.93/20.90	Inf/21.00
5240MHz	Pass	8.00/-2.03	22.85		22.85	28.00	30.85/20.82	Inf/21.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00/-2.03	19.99		19.99	28.00	27.99/17.96	Inf/21.00
5230MHz	Pass	8.00/-2.03	22.93		22.93	28.00	30.93/20.90	Inf/21.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00/-2.03	18.96		18.96	28.00	26.96/16.93	Inf/21.00
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00/-2.03	-	21.75	21.75	28.00	29.75/19.72	Inf/21.00
5200MHz	Pass	8.00/-2.03	-	22.68	22.68	28.00	30.68/20.65	Inf/21.00
5240MHz	Pass	8.00/-2.03	-	22.57	22.57	28.00	30.57/20.54	Inf/21.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00/-2.03	-	21.21	21.21	28.00	29.21/19.18	Inf/21.00
5200MHz	Pass	8.00/-2.03	-	22.77	22.77	28.00	30.77/20.74	Inf/21.00
5240MHz	Pass	8.00/-2.03	-	22.93	22.93	28.00	30.93/20.90	Inf/21.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00/-2.03	-	20.60	20.60	28.00	28.60/18.57	Inf/21.00
5230MHz	Pass	8.00/-2.03	-	22.77	22.77	28.00	30.77/20.74	Inf/21.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00/-2.03	-	19.45	19.45	28.00	27.45/17.42	Inf/21.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00/-2.03	20.04	19.95	23.01	28.00	31.01/20.98	Inf/21.00
5200MHz	Pass	8.00/-2.03	19.77	19.58	22.69	28.00	30.69/20.66	Inf/21.00
5240MHz	Pass	8.00/-2.03	19.74	19.54	22.65	28.00	30.65/20.62	Inf/21.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00/-2.03	19.82	20.01	22.93	28.00	30.93/20.90	Inf/21.00
5200MHz	Pass	8.00/-2.03	19.99	19.99	23.00	28.00	31.00/20.97	Inf/21.00
5240MHz	Pass	8.00/-2.03	20.03	19.81	22.93	28.00	30.93/20.90	Inf/21.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00/-2.03	19.66	19.58	22.63	28.00	30.63/20.60	Inf/21.00
5230MHz	Pass	8.00/-2.03	19.86	19.73	22.81	28.00	30.81/20.78	Inf/21.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00/-2.03	17.46	17.22	20.35	28.00	28.35/18.32	Inf/21.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01/0.98	16.87	16.65	19.77	24.99	30.78/20.75	Inf/21.00
5200MHz	Pass	11.01/0.98	16.82	16.74	19.79	24.99	30.80/20.77	Inf/21.00
5240MHz	Pass	11.01/0.98	16.80	16.57	19.70	24.99	30.71/20.68	Inf/21.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01/0.98	16.87	16.70	19.80	24.99	30.81/20.78	Inf/21.00
5230MHz	Pass	11.01/0.98	16.82	16.56	19.70	24.99	30.71/20.68	Inf/21.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01/0.98	16.90	16.76	19.84	24.99	30.85/20.82	Inf/21.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.14	0.08204	22.14/20.74	0.16368/0.118577
802.11ax HEW20_Nss1,(MCS0)_1TX	19.33	0.08570	22.33/20.93	0.17100/0.123880
802.11ax HEW40_Nss1,(MCS0)_1TX	19.06	0.08054	22.06/20.66	0.16069/0.116413
802.11ax HEW80_Nss1,(MCS0)_1TX	18.24	0.06668	21.24/19.84	0.13305/0.096383

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.00/1.60	18.74	18.74	30.00	21.74/20.34	36.00/21.00
5200MHz	Pass	3.00/1.60	19.03	19.03	30.00	22.03/20.63	36.00/21.00
5240MHz	Pass	3.00/1.60	19.14	19.14	30.00	22.14/20.74	36.00/21.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.00/1.60	18.69	18.69	30.00	21.69/20.29	36.00/21.00
5200MHz	Pass	3.00/1.60	19.33	19.33	30.00	22.33/20.93	36.00/21.00
5240MHz	Pass	3.00/1.60	19.13	19.13	30.00	22.13/20.73	36.00/21.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	3.00/1.60	18.05	18.05	30.00	21.05/19.65	36.00/21.00
5230MHz	Pass	3.00/1.60	19.06	19.06	30.00	22.06/20.66	36.00/21.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	3.00/1.60	18.24	18.24	30.00	21.24/19.84	36.00/21.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.79
802.11a_Nss1,(6Mbps)_1TX	9.85
802.11a_Nss1,(6Mbps)_2TX	10.23
802.11ax HEW20_Nss1,(MCS0)_1TX	9.42
802.11ax HEW20_Nss1,(MCS0)_1TX	9.51
802.11ax HEW20_Nss1,(MCS0)_2TX	9.62
802.11ax HEW40_Nss1,(MCS0)_1TX	6.68
802.11ax HEW40_Nss1,(MCS0)_1TX	6.44
802.11ax HEW40_Nss1,(MCS0)_2TX	6.43
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.21
802.11ax HEW80_Nss1,(MCS0)_1TX	0.99
802.11ax HEW80_Nss1,(MCS0)_2TX	1.19

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

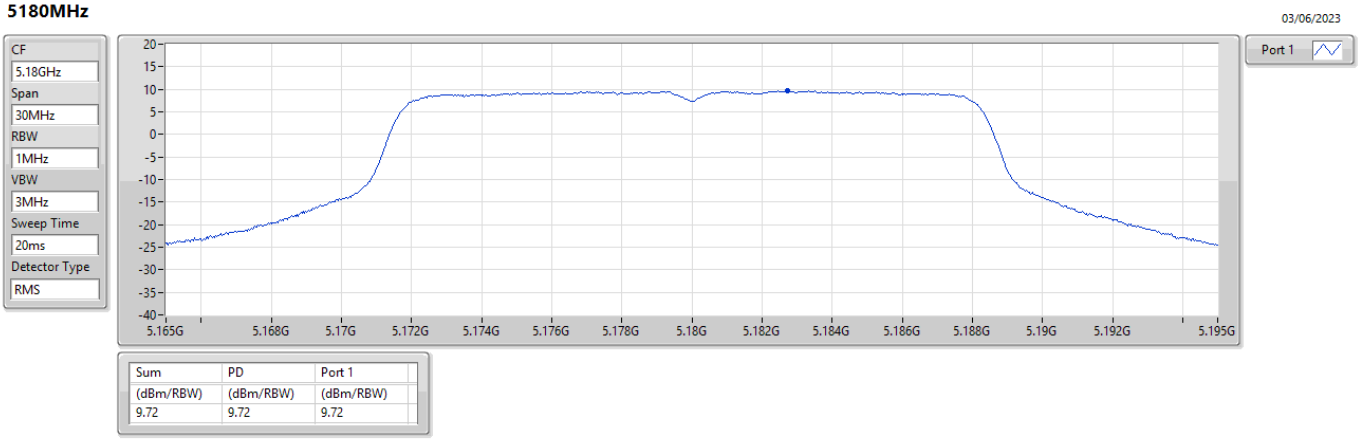
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.00	9.72		9.72	15.00
5200MHz	Pass	8.00	9.79		9.79	15.00
5240MHz	Pass	8.00	9.76		9.76	15.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.00	8.40		8.40	15.00
5200MHz	Pass	8.00	9.42		9.42	15.00
5240MHz	Pass	8.00	9.32		9.32	15.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	8.00	3.64		3.64	15.00
5230MHz	Pass	8.00	6.68		6.68	15.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	8.00	-0.21		-0.21	15.00
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.00	-	8.95	8.95	15.00
5200MHz	Pass	8.00	-	9.84	9.84	15.00
5240MHz	Pass	8.00	-	9.85	9.85	15.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.00	-	7.77	7.77	15.00
5200MHz	Pass	8.00	-	9.35	9.35	15.00
5240MHz	Pass	8.00	-	9.51	9.51	15.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	8.00	-	4.27	4.27	15.00
5230MHz	Pass	8.00	-	6.44	6.44	15.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	8.00	-	0.99	0.99	15.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.01	7.32	7.29	10.23	11.99
5200MHz	Pass	11.01	6.95	6.87	9.88	11.99
5240MHz	Pass	11.01	6.95	6.88	9.82	11.99
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.01	6.45	6.61	9.46	11.99
5200MHz	Pass	11.01	6.58	6.70	9.54	11.99
5240MHz	Pass	11.01	6.91	6.61	9.62	11.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.01	3.47	3.49	6.29	11.99
5230MHz	Pass	11.01	3.68	3.49	6.43	11.99
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	11.01	-1.03	-1.38	1.19	11.99

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)_1TX **PSD**

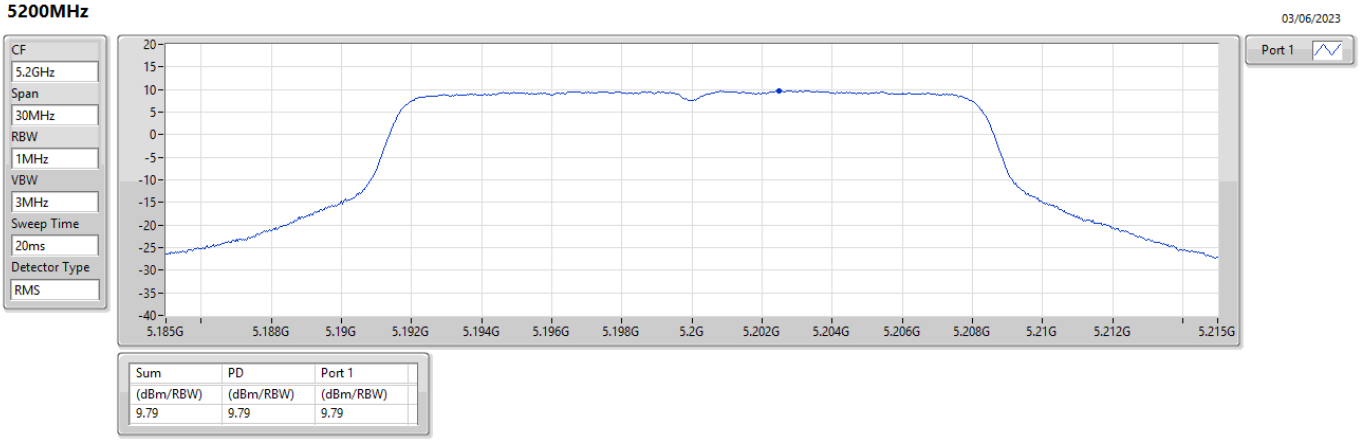
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	9.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

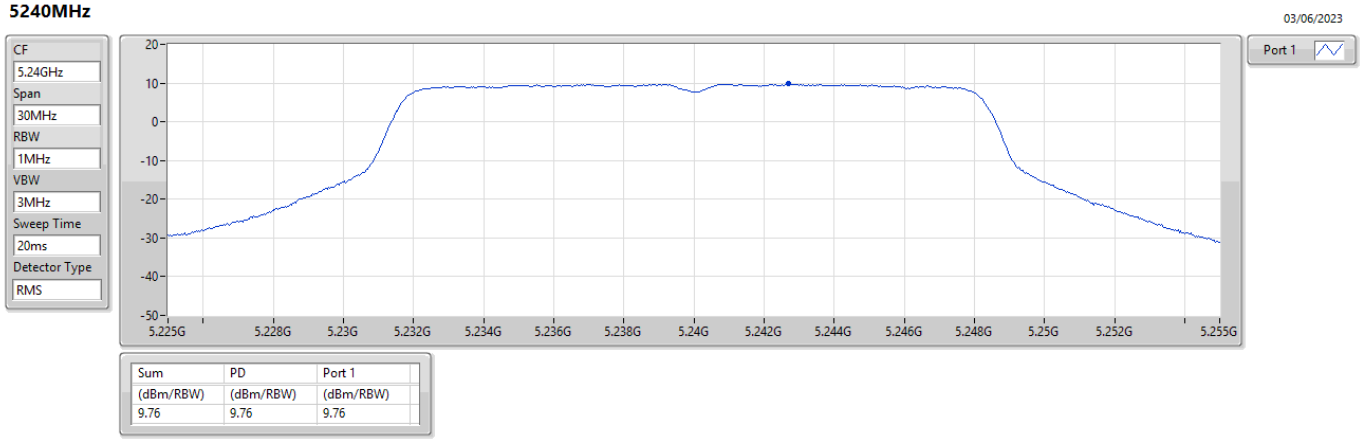
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	9.79

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

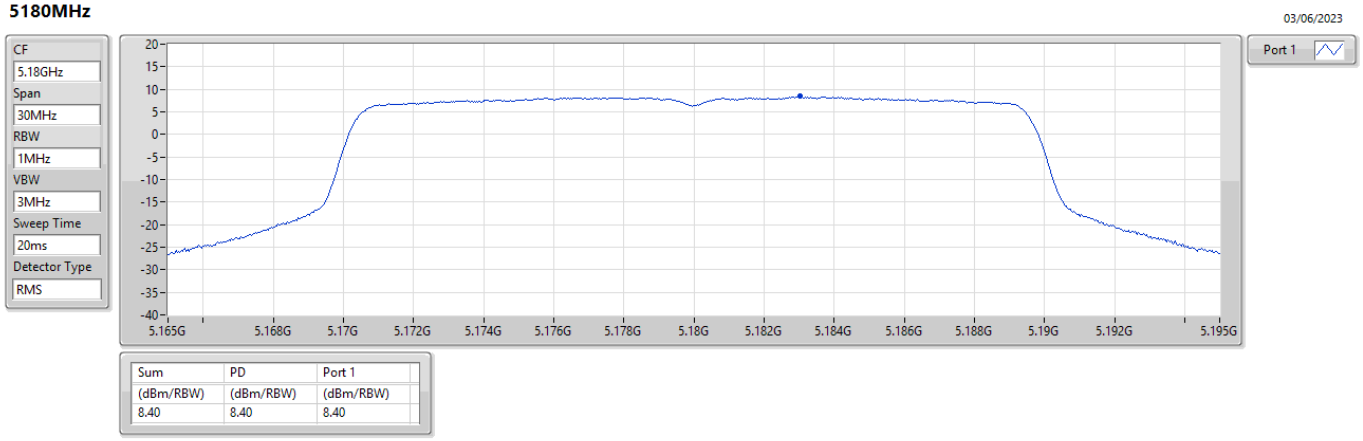
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.76	9.76	9.76

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

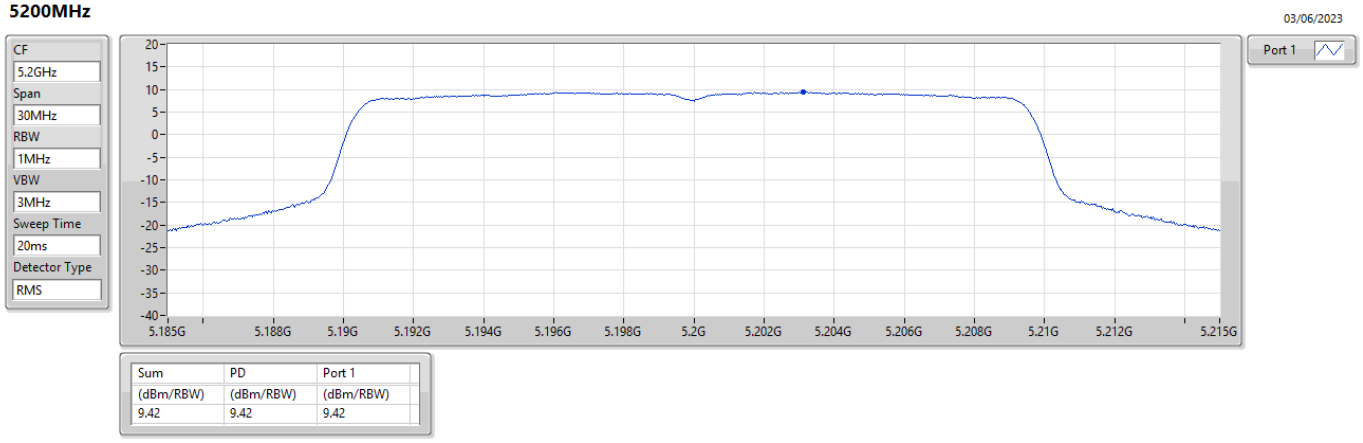
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.40	8.40	8.40

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

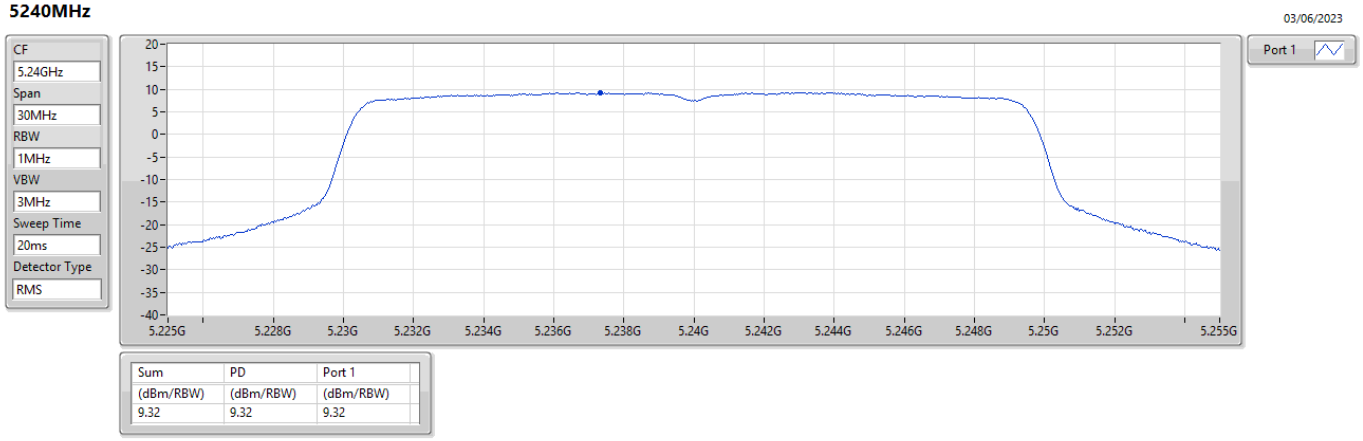
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	9.42

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

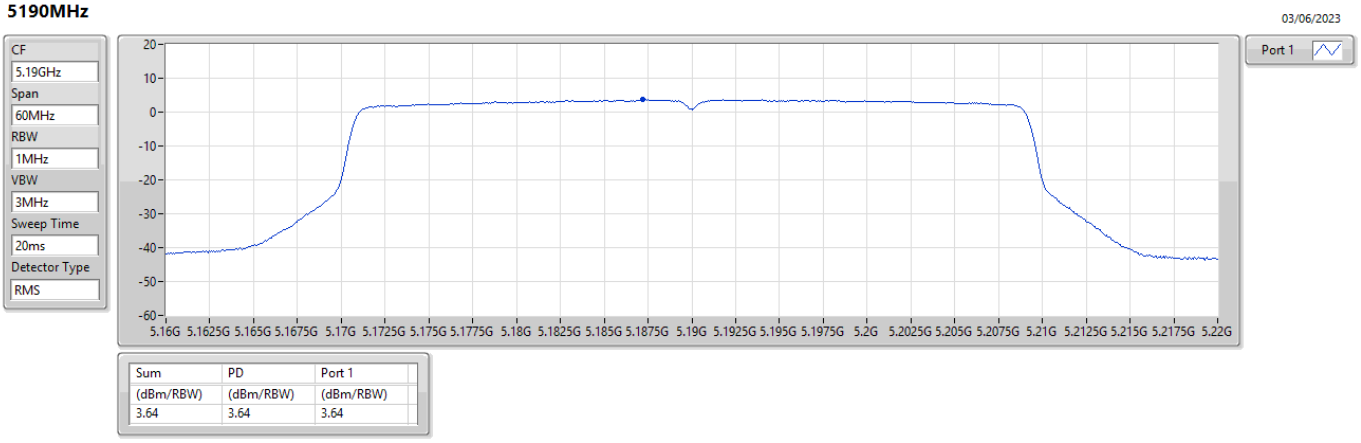
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	9.32

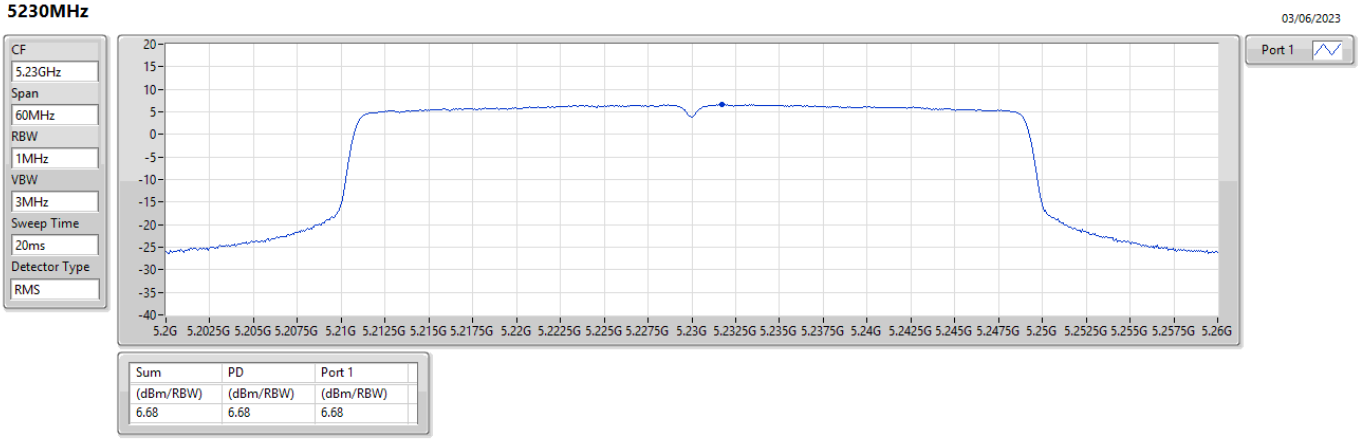
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5190MHz



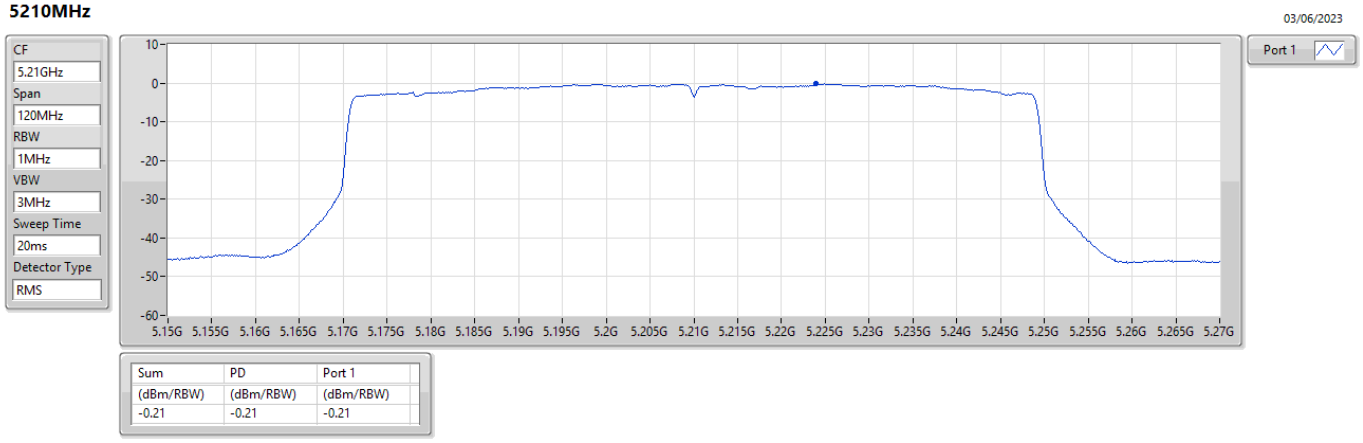
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5230MHz



5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

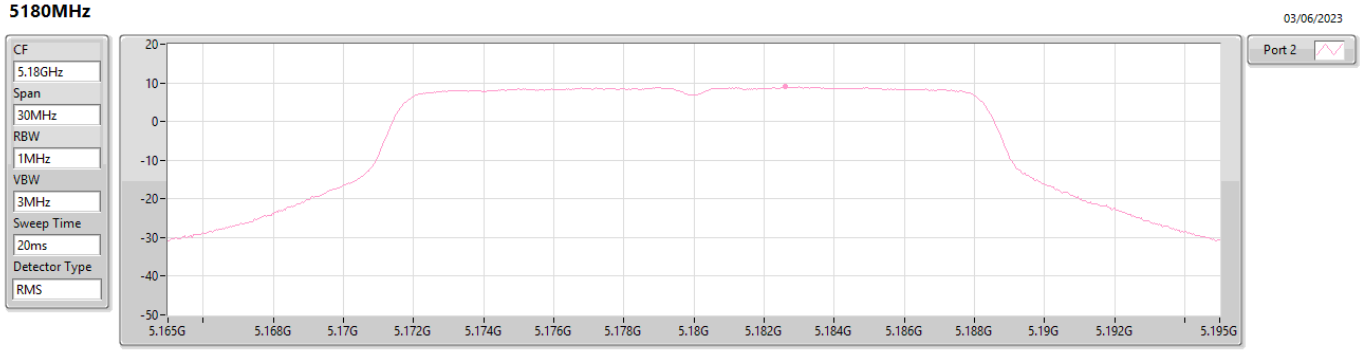
5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.21	-0.21	-0.21

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

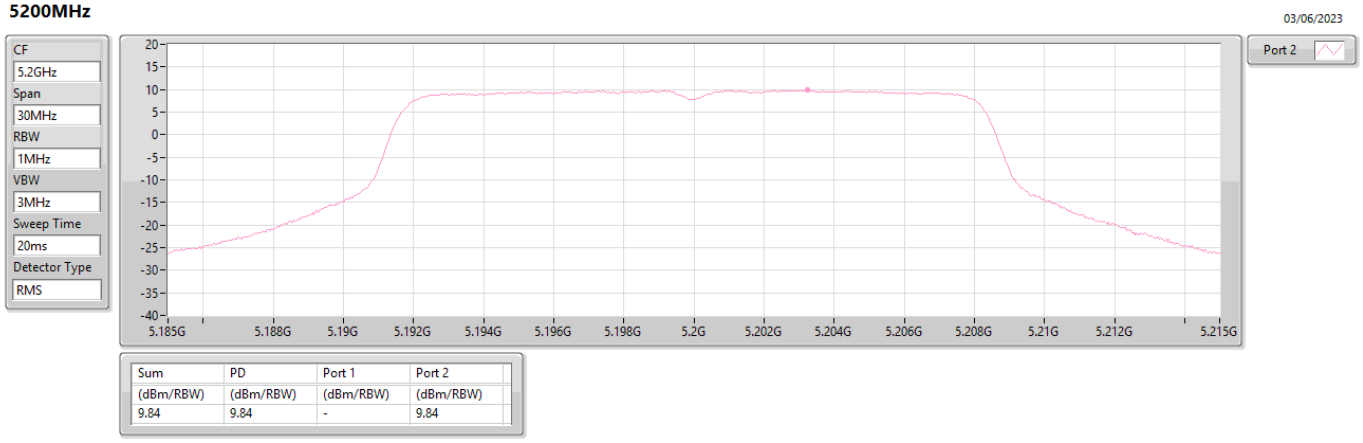
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	-	8.95

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

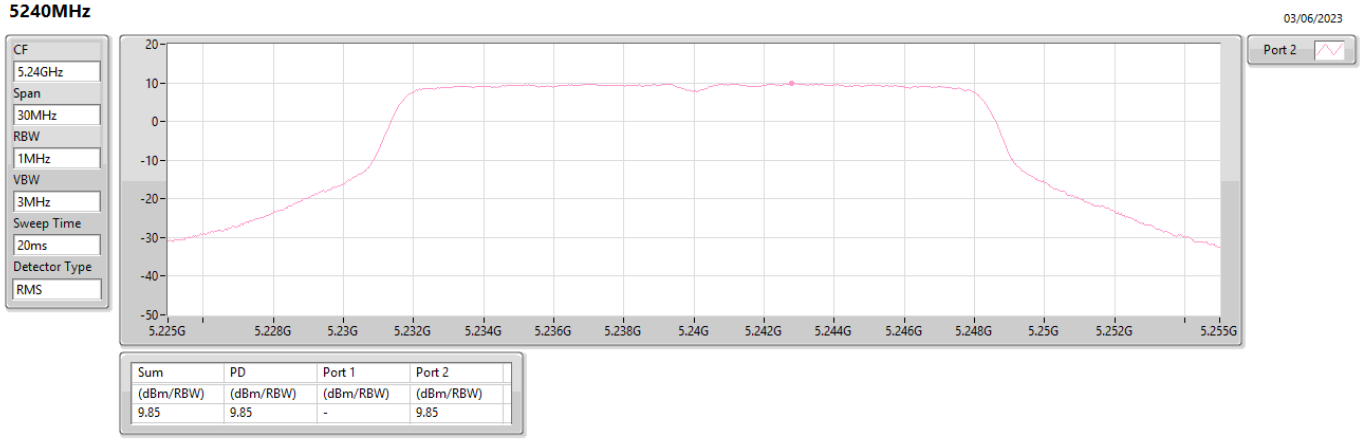
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	-	9.84

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

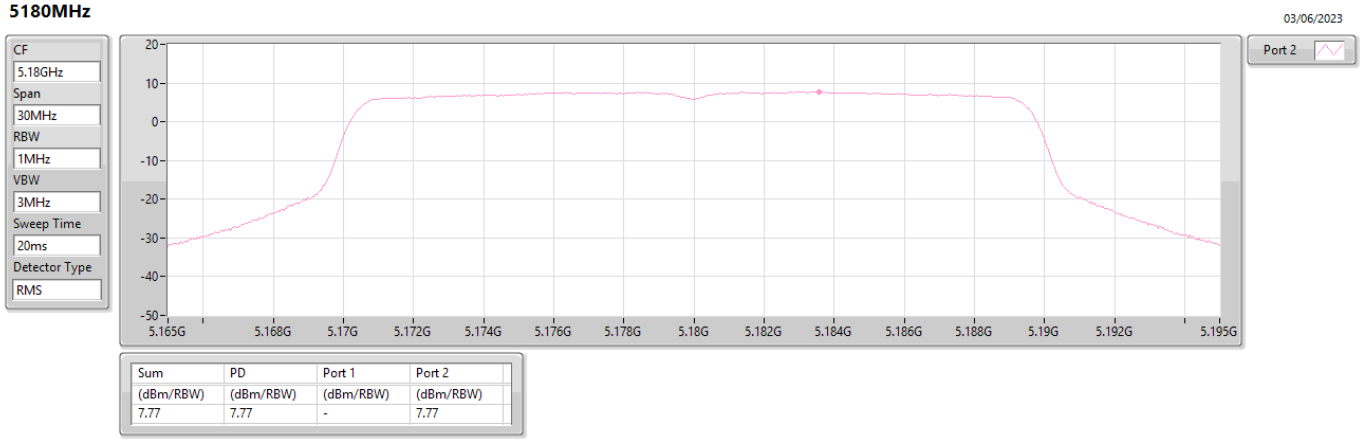
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	-	9.85

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

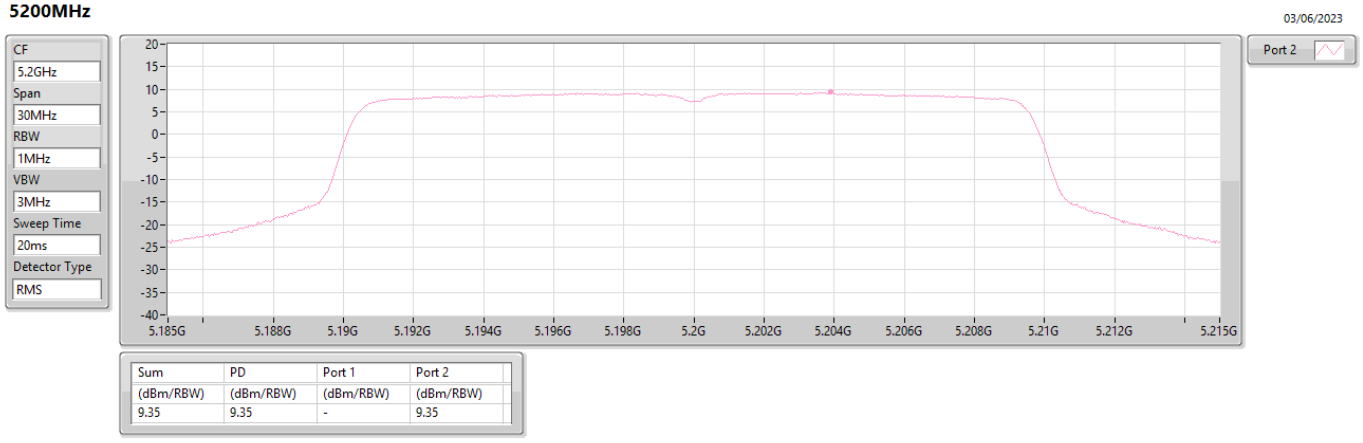
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	-	7.77

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

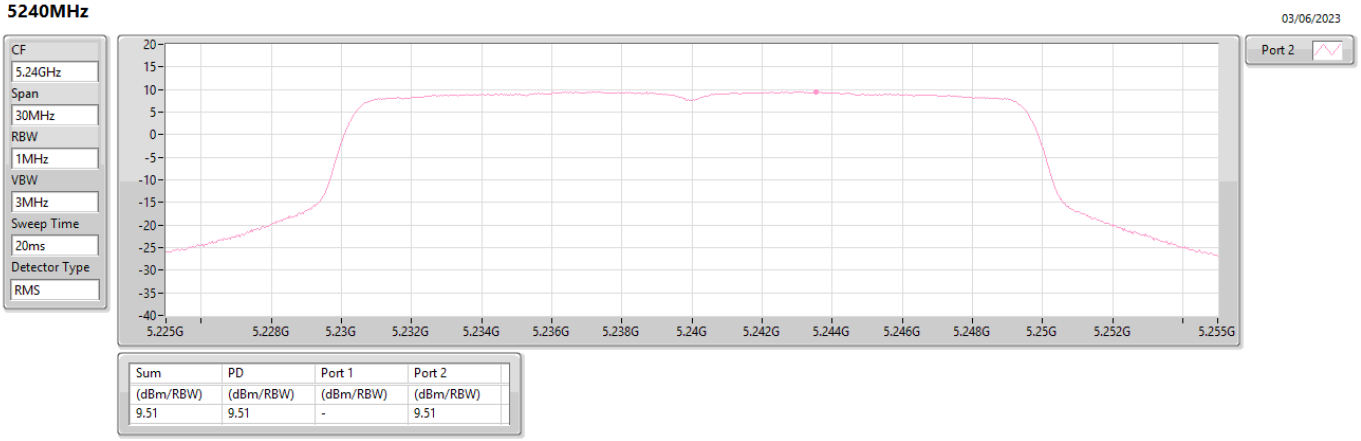
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.35	9.35	-	9.35

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

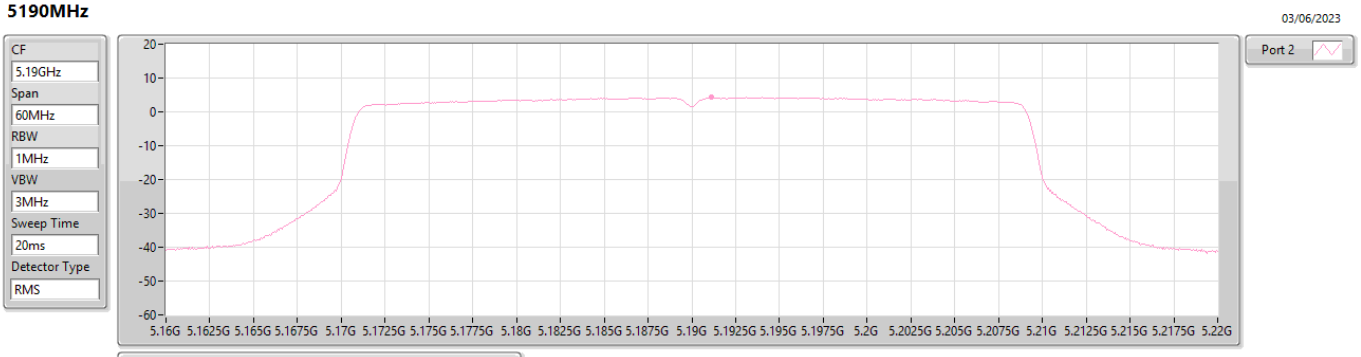
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.51	9.51	-	9.51

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

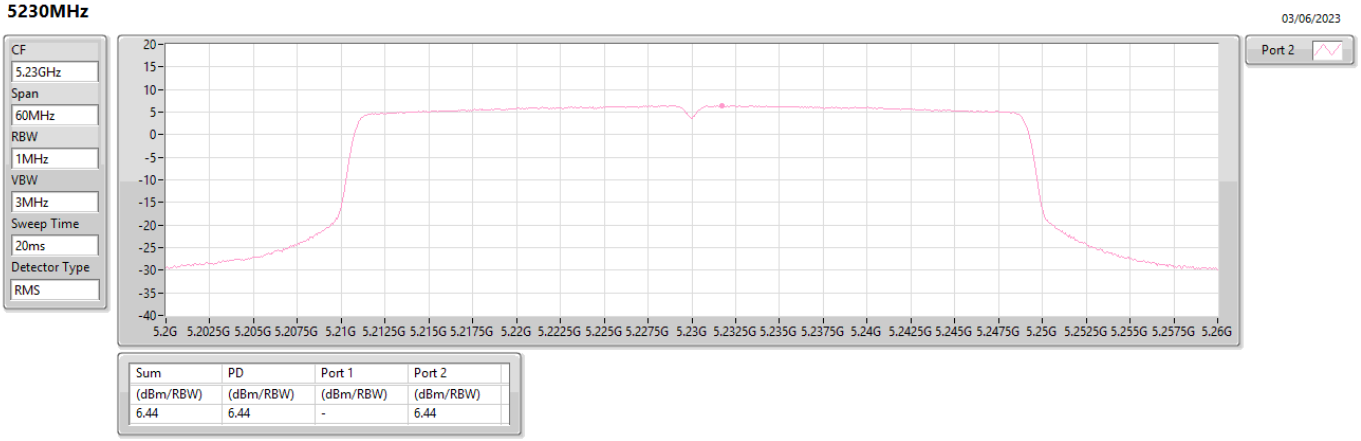
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.27	4.27	-	4.27

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

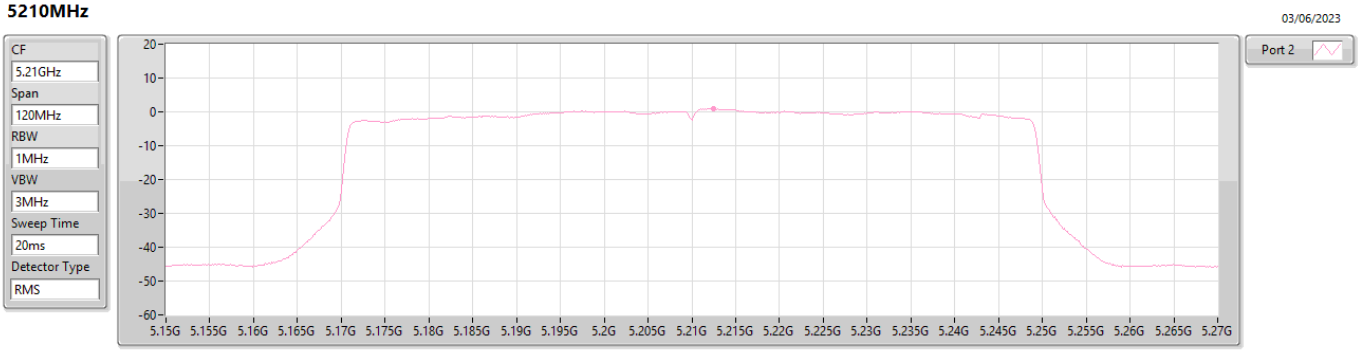
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.44	6.44	-	6.44

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

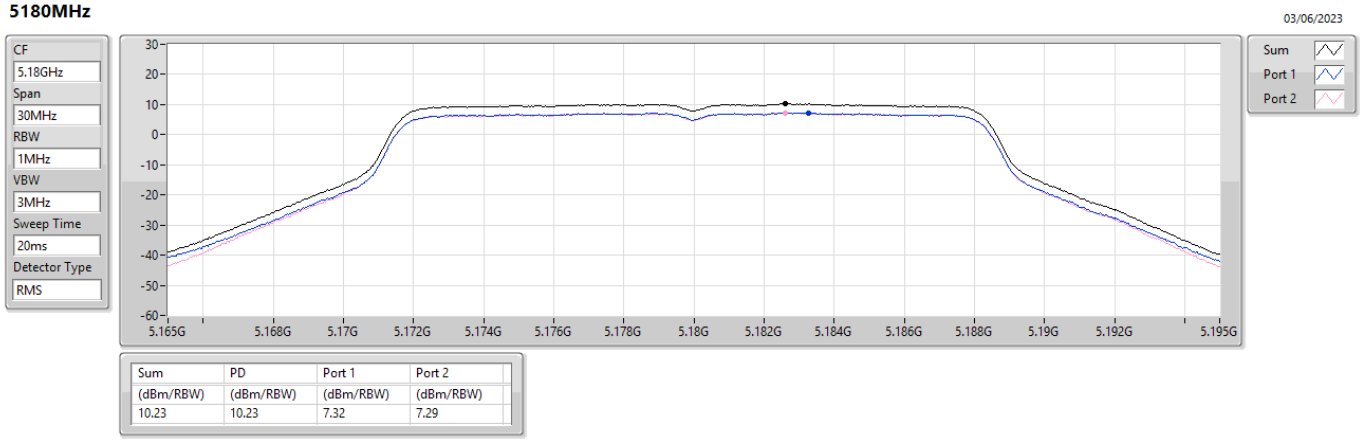
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.99	0.99	-	0.99

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

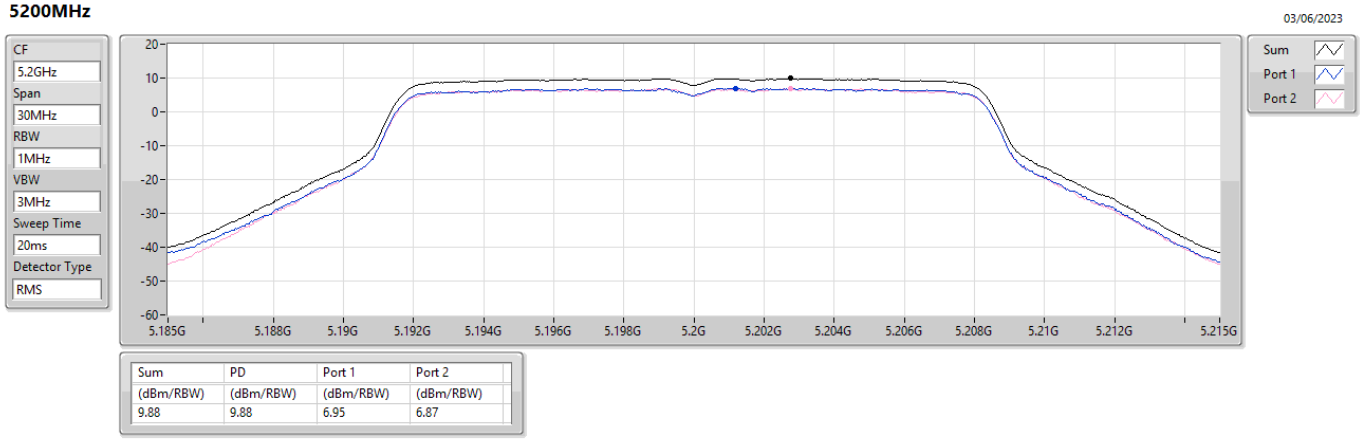
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	7.32	7.29

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

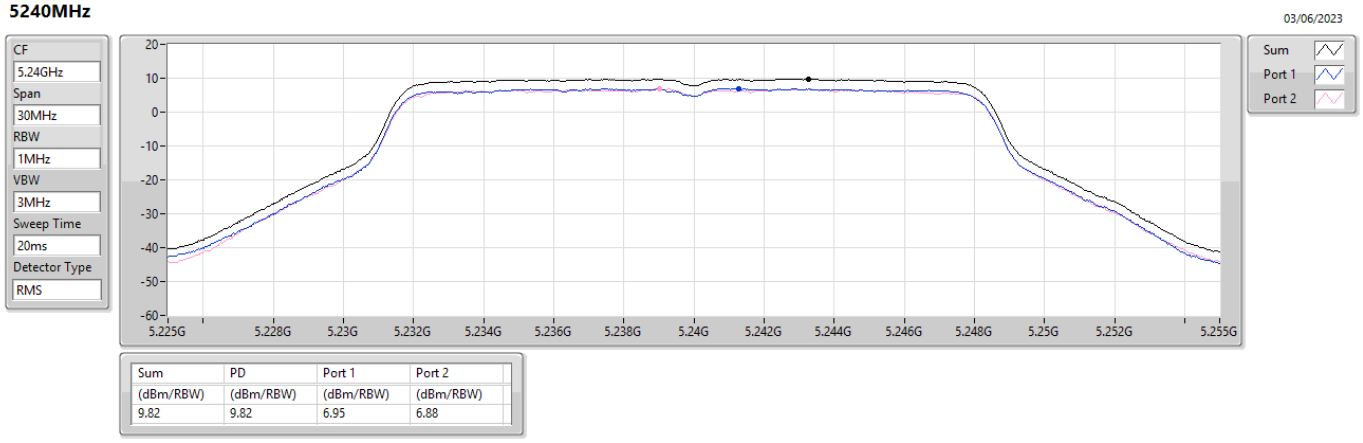
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.88	9.88	6.95	6.87

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

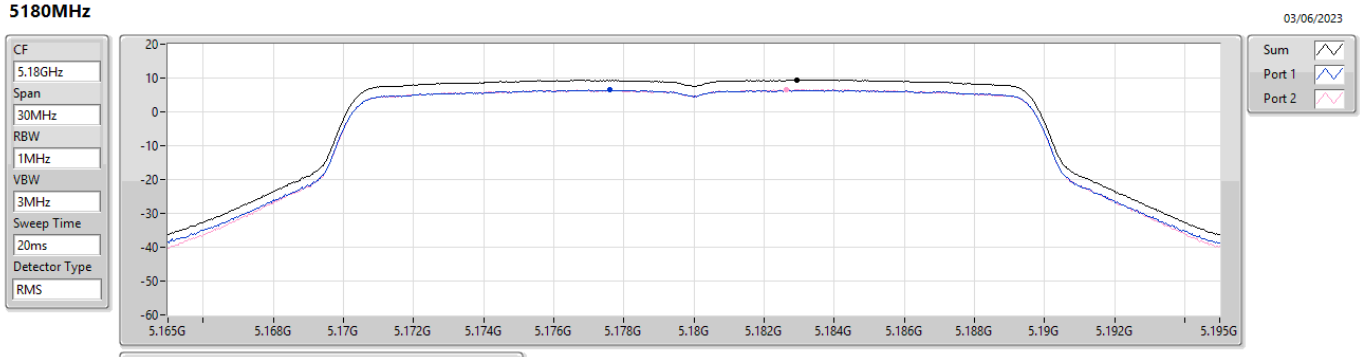
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	6.95	6.88

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

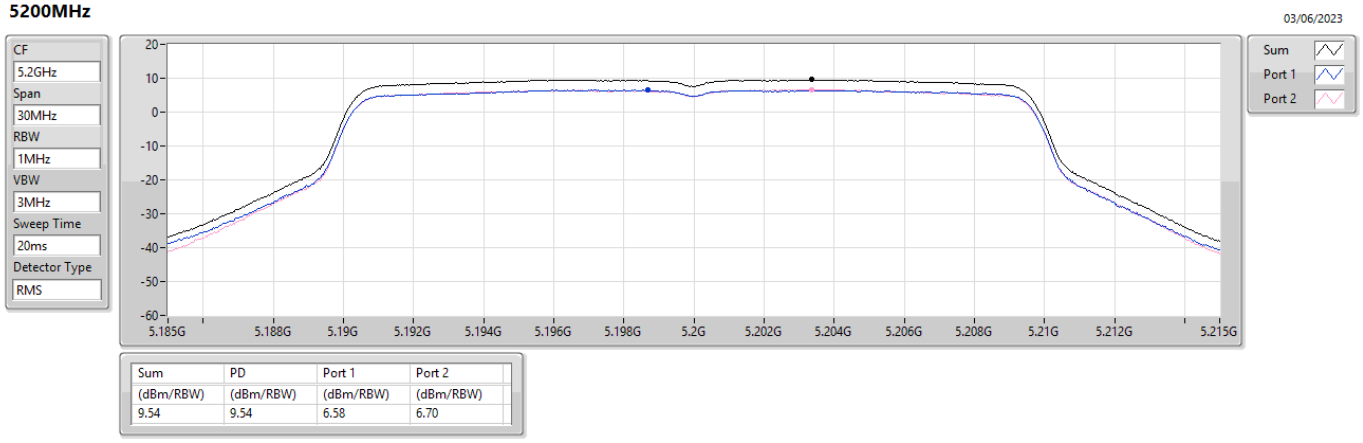
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.46	9.46	6.45	6.61

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

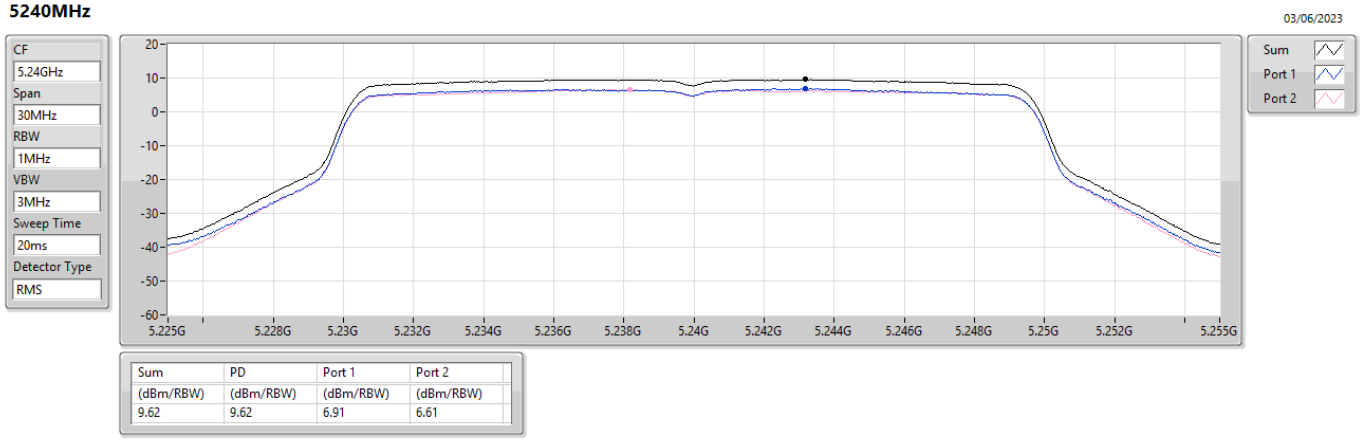
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.54	9.54	6.58	6.70

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

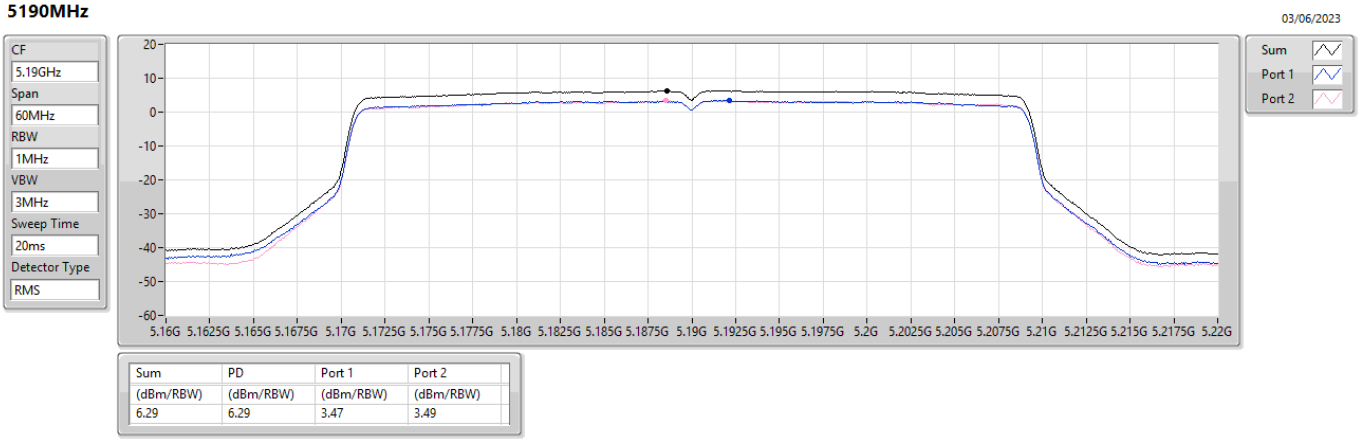
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.62	9.62	6.91	6.61

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

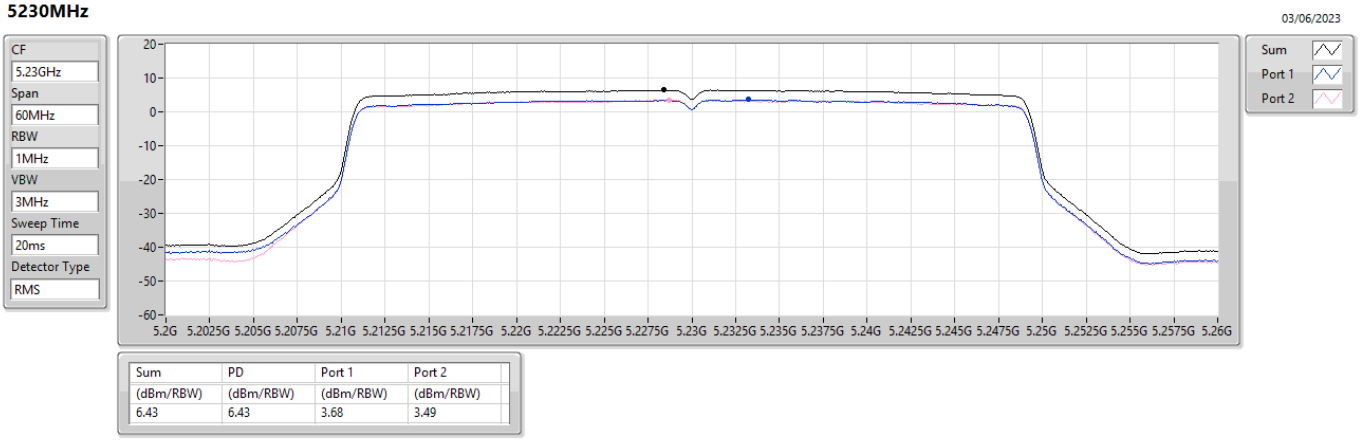
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.29	6.29	3.47	3.49

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

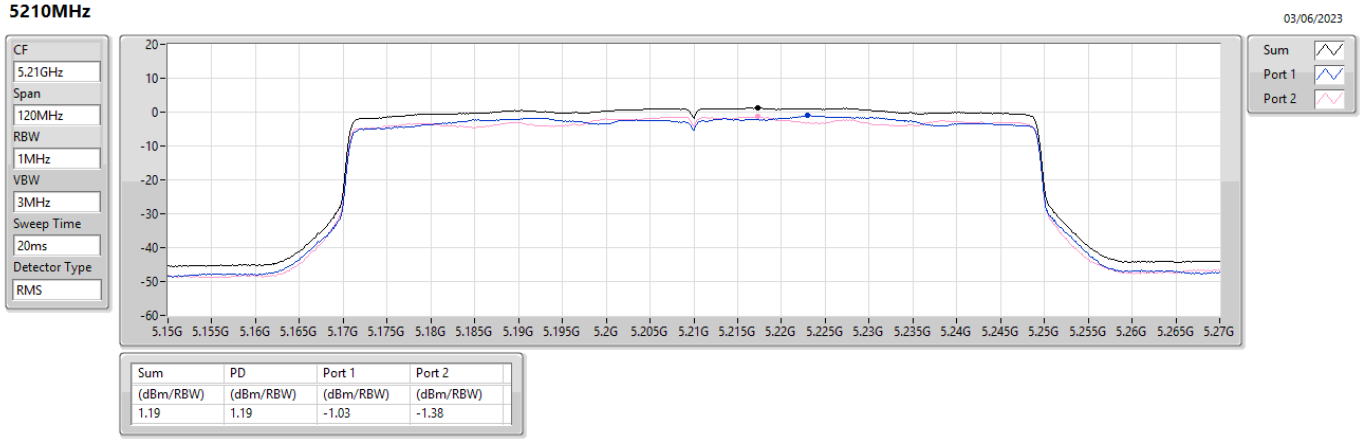
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.68	3.49

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)
1.19	1.19	-1.03	-1.38

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.82	9.82
802.11ax HEW20_Nss1,(MCS0)_1TX	6.59	9.59
802.11ax HEW40_Nss1,(MCS0)_1TX	3.37	6.37
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.02	2.98

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

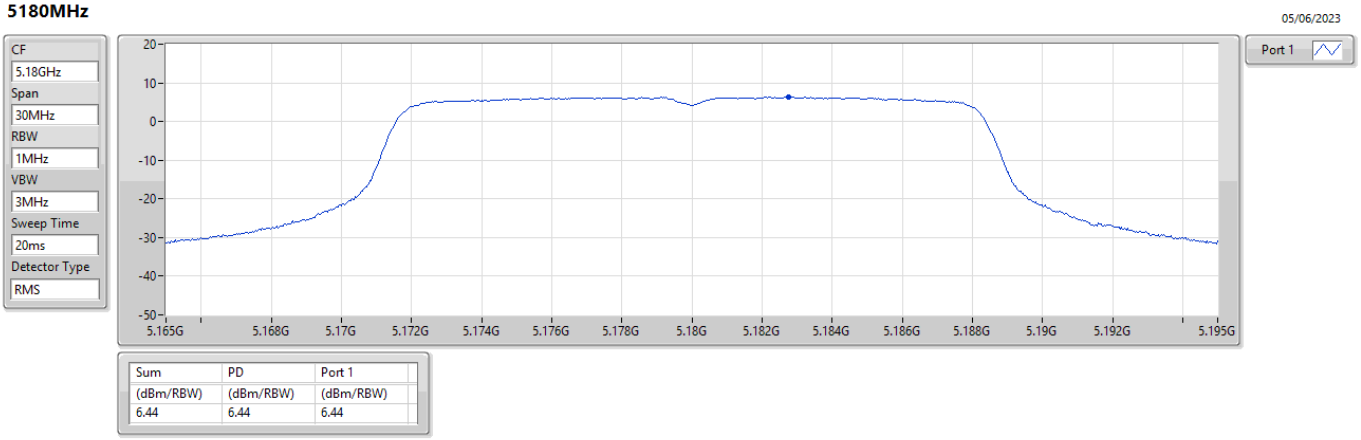
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.00	6.44	6.44	17.00	9.44	23.00
5200MHz	Pass	3.00	6.70	6.70	17.00	9.70	23.00
5240MHz	Pass	3.00	6.82	6.82	17.00	9.82	23.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.00	5.56	5.56	17.00	8.56	23.00
5200MHz	Pass	3.00	6.37	6.37	17.00	9.37	23.00
5240MHz	Pass	3.00	6.59	6.59	17.00	9.59	23.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	3.00	2.36	2.36	17.00	5.36	23.00
5230MHz	Pass	3.00	3.37	3.37	17.00	6.37	23.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	3.00	-0.02	-0.02	17.00	2.98	23.00

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

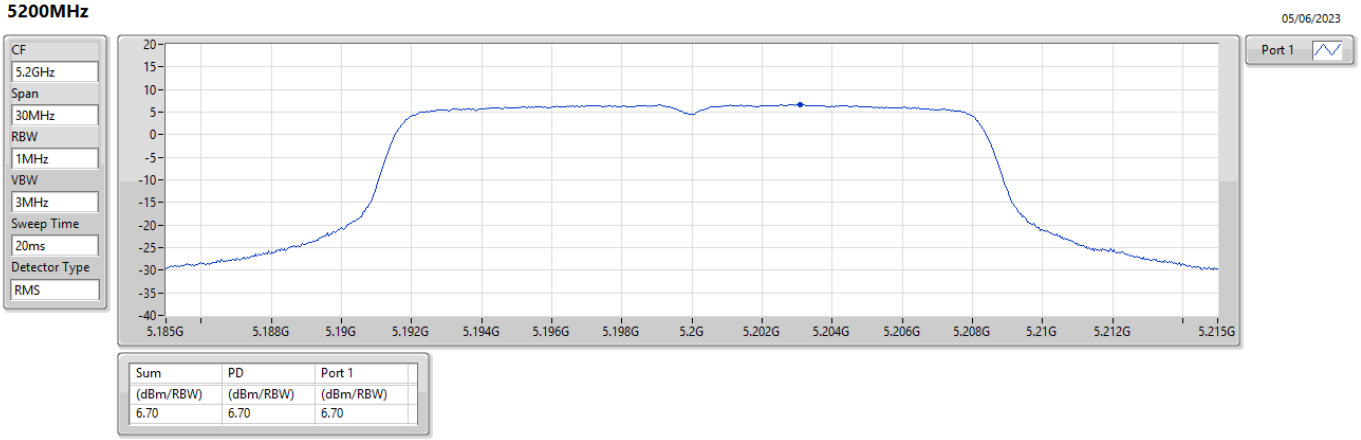
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.44	6.44	6.44

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

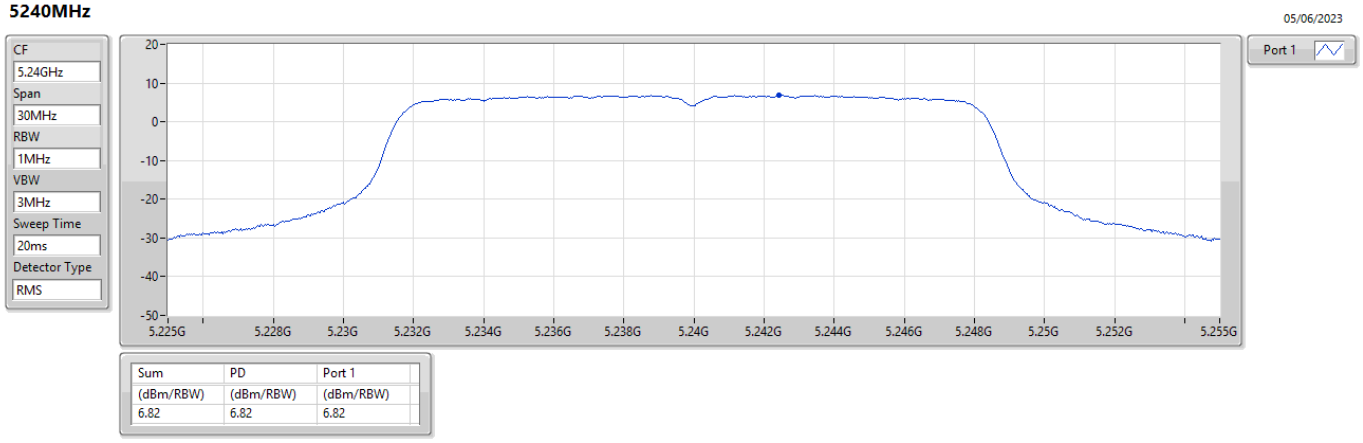
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.70	6.70	6.70

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

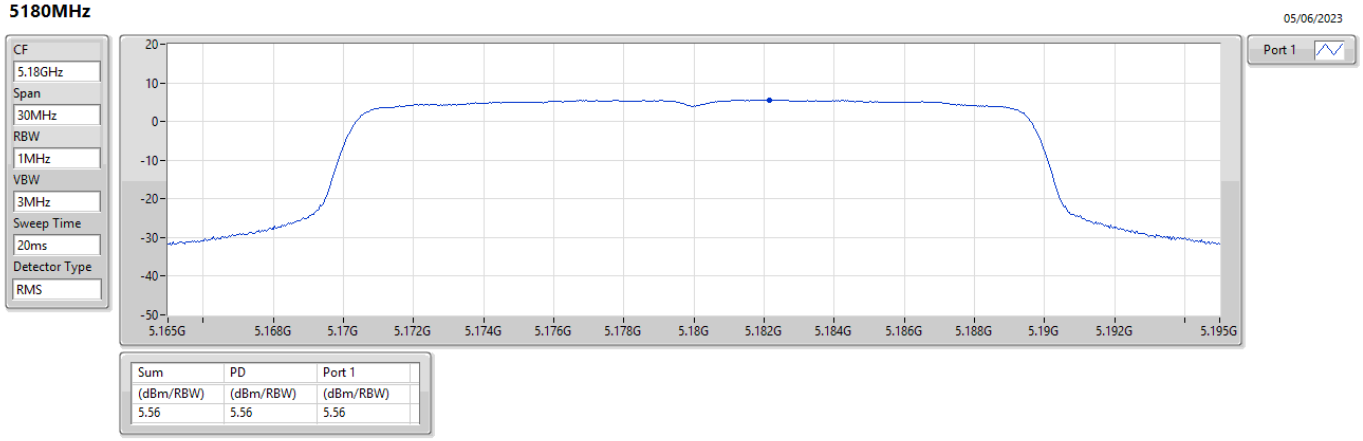
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	6.82

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

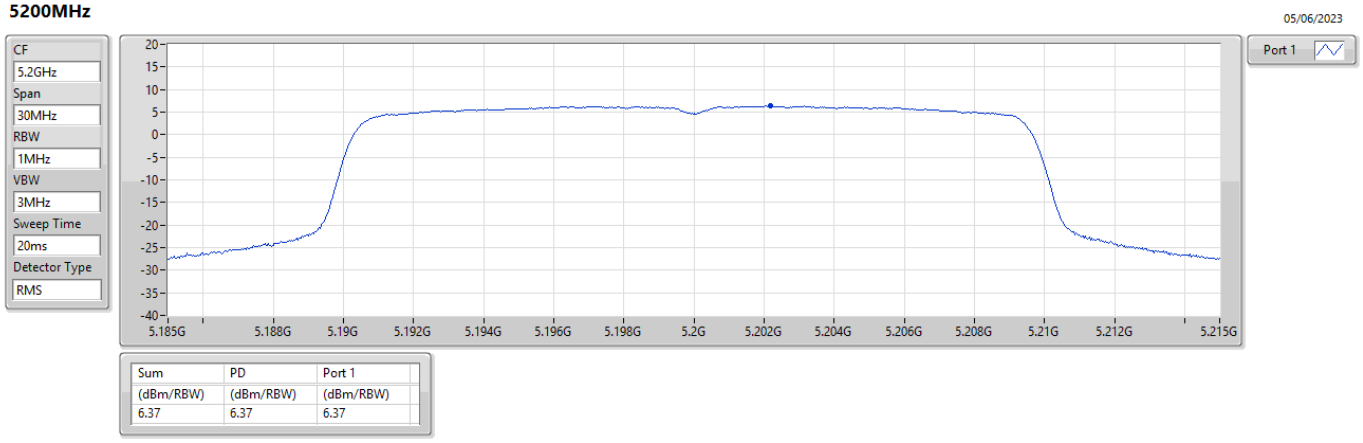
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.56	5.56	5.56

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

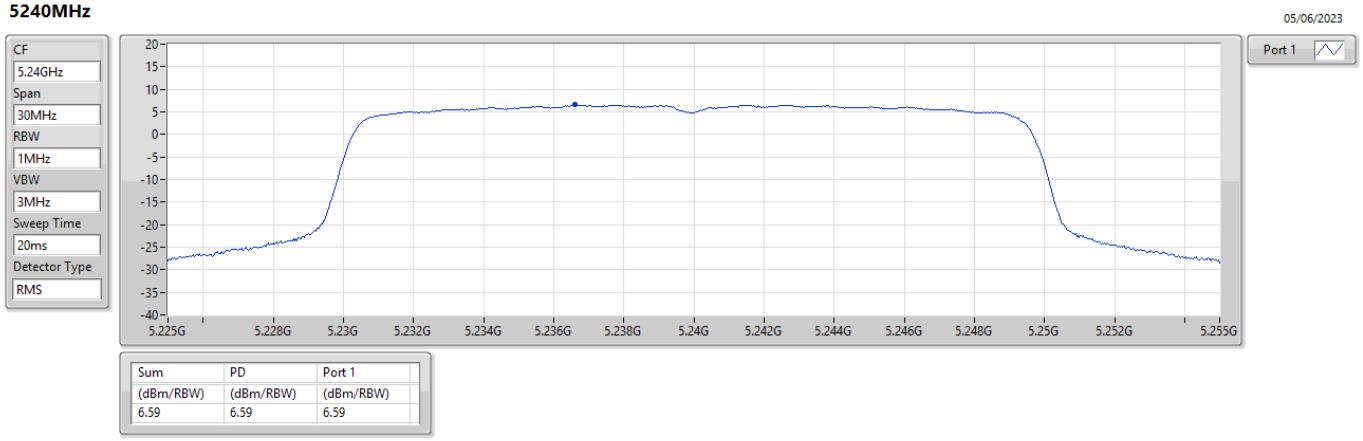
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.37	6.37	6.37

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

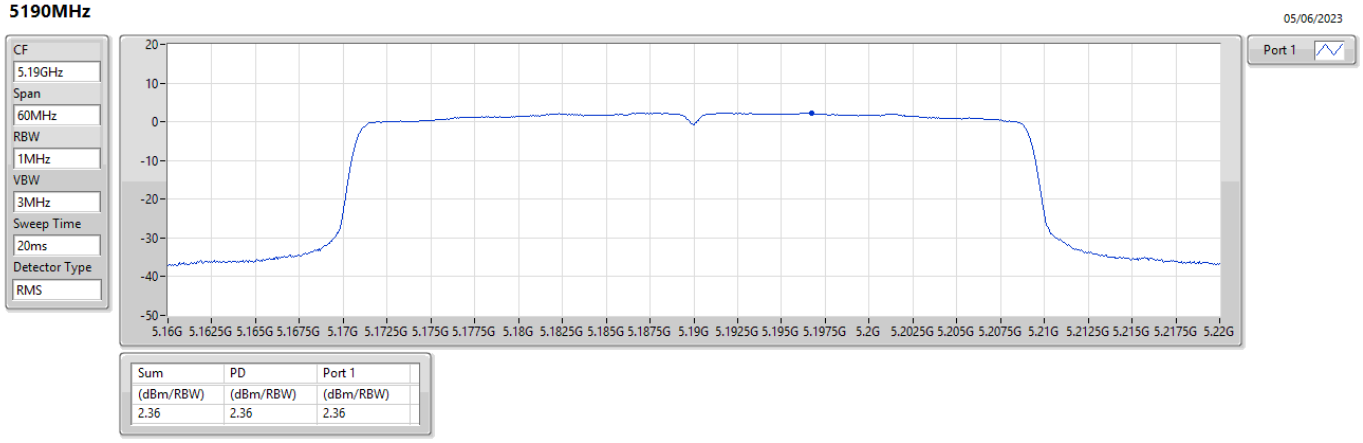
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	6.59

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

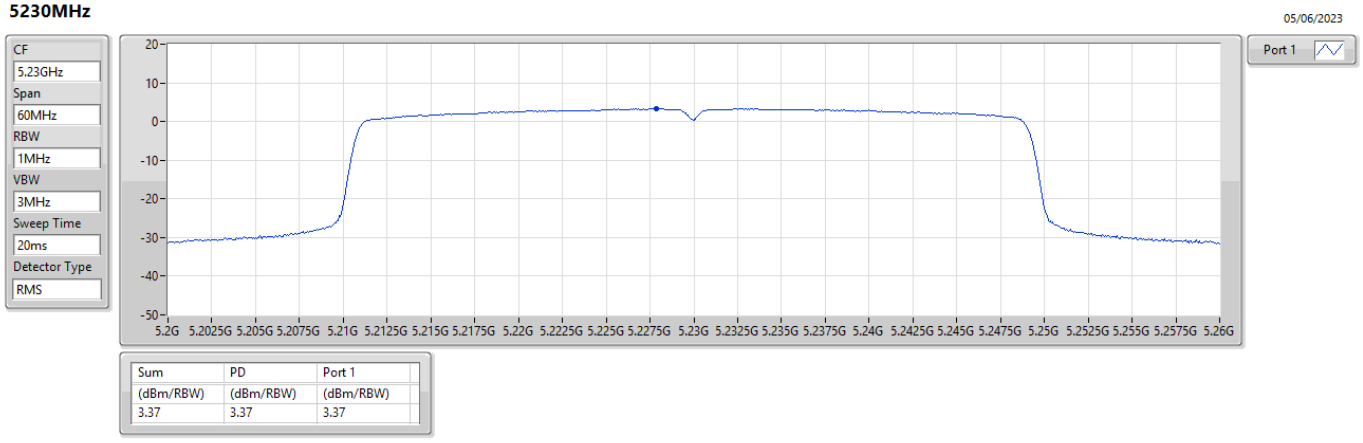
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	2.36

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

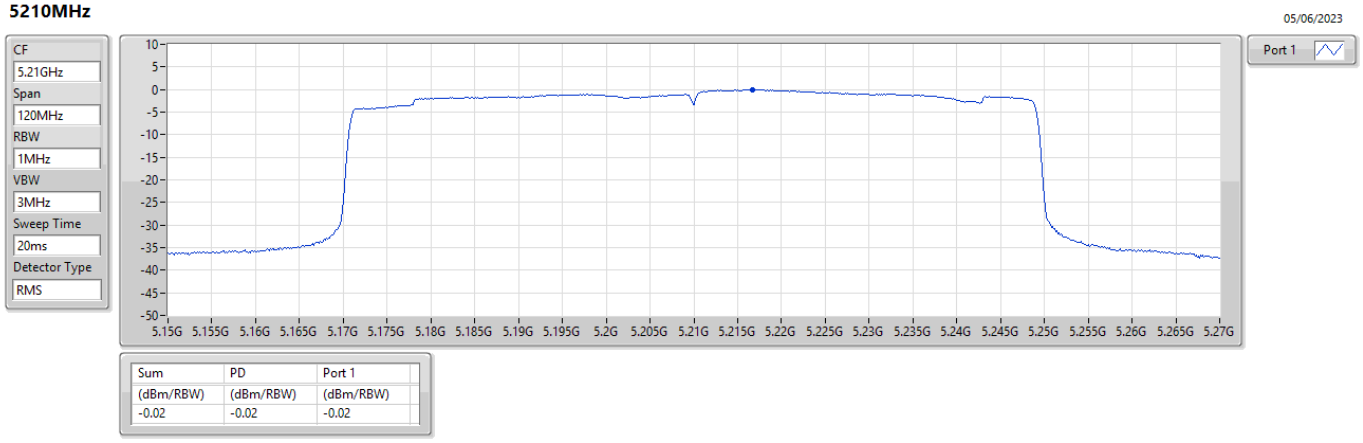
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	3.37

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5210MHz

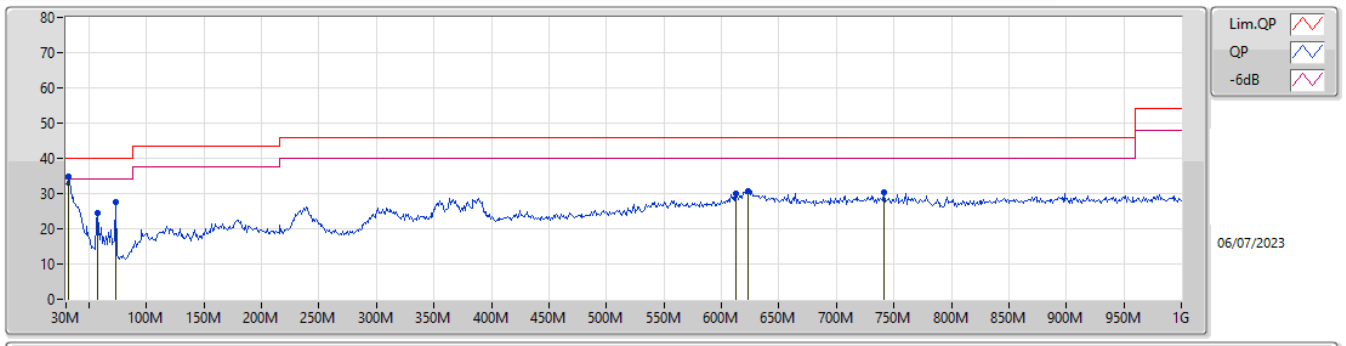


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.02	-0.02	-0.02

Summary

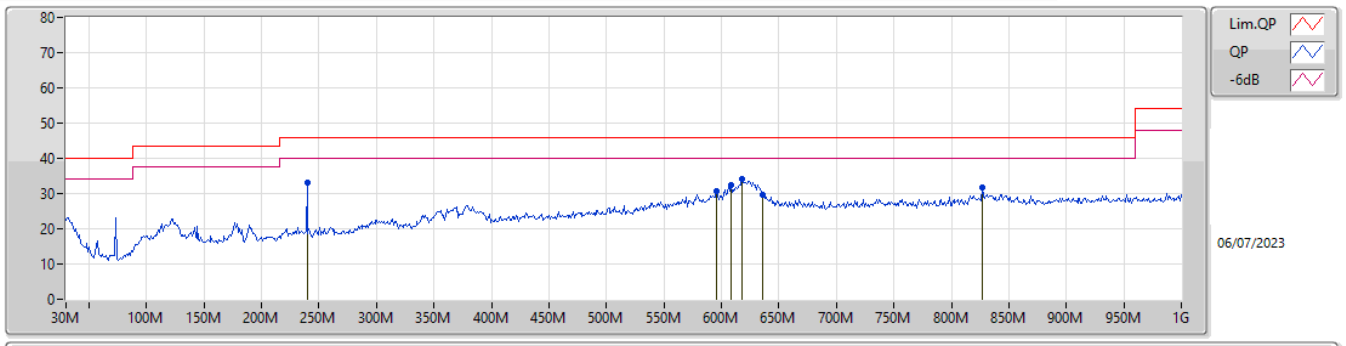
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 8	Pass	PK	31.94M	34.87	40.00	-5.13	Vertical

Mode 8



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	31.94M	34.87	40.00	-5.13	-7.31	3	Vertical	94	2.00	"Worst"	42.18	23.26	0.65	31.22
PK	57.16M	24.54	40.00	-15.46	-17.70	3	Vertical	319	1.00	-	42.24	13.16	0.85	31.71
PK	73.65M	27.49	40.00	-12.51	-18.10	3	Vertical	187	1.25	-	45.59	12.65	0.95	31.70
PK	612.97M	30.15	46.00	-15.85	-4.42	3	Vertical	360	1.50	-	34.57	25.13	2.65	32.20
PK	623.64M	30.64	46.00	-15.36	-4.27	3	Vertical	2	1.50	-	34.91	25.29	2.68	32.24
PK	741.01M	30.28	46.00	-15.72	-3.65	3	Vertical	0	2.00	-	33.93	25.72	2.94	32.31

Mode 8



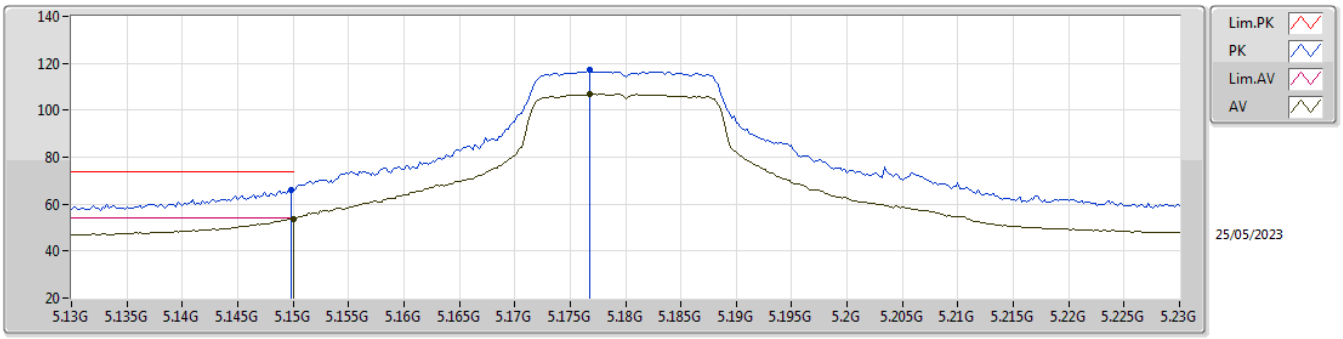
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	240M	33.27	46.00	-12.73	-12.94	3	Horizontal	122	1.25	-	46.21	17.16	1.70	31.80
PK	595.51M	30.69	46.00	-15.31	-4.72	3	Horizontal	360	1.00	-	35.41	24.82	2.61	32.15
PK	608M	32.57	46.00	-13.43	-4.49	3	Horizontal	0	1.25	-	37.06	25.05	2.64	32.18
PK	617.82M	34.11	46.00	-11.89	-4.34	3	Horizontal	7	1.25	"Worst"	38.45	25.22	2.66	32.22
PK	636.25M	29.80	46.00	-16.20	-4.32	3	Horizontal	0	1.25	-	34.12	25.26	2.71	32.29
PK	827.34M	31.75	46.00	-14.25	-3.00	3	Horizontal	352	1.50	-	34.75	26.20	3.12	32.32

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)_1TX	Pass	AV	5.15G	53.98	54.00	-0.02	3	Vertical	359	1.84	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

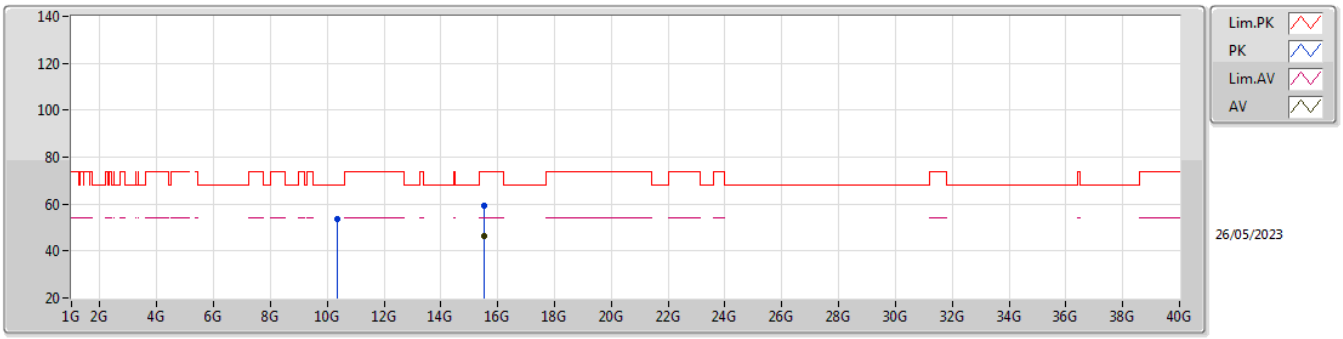


EUT Y_1TX(port 1)
Setting 21.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	66.08	74.00	-7.92	57.44	3	Vertical	337	1.82	-	33.60	5.77	30.73
AV	5.15G	53.86	54.00	-0.14	45.21	3	Vertical	337	1.82	-	33.60	5.78	30.73
PK	5.1768G	117.03	Inf	-Inf	108.26	3	Vertical	337	1.82	-	33.71	5.79	30.73
AV	5.1768G	106.85	Inf	-Inf	98.08	3	Vertical	337	1.82	-	33.71	5.79	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

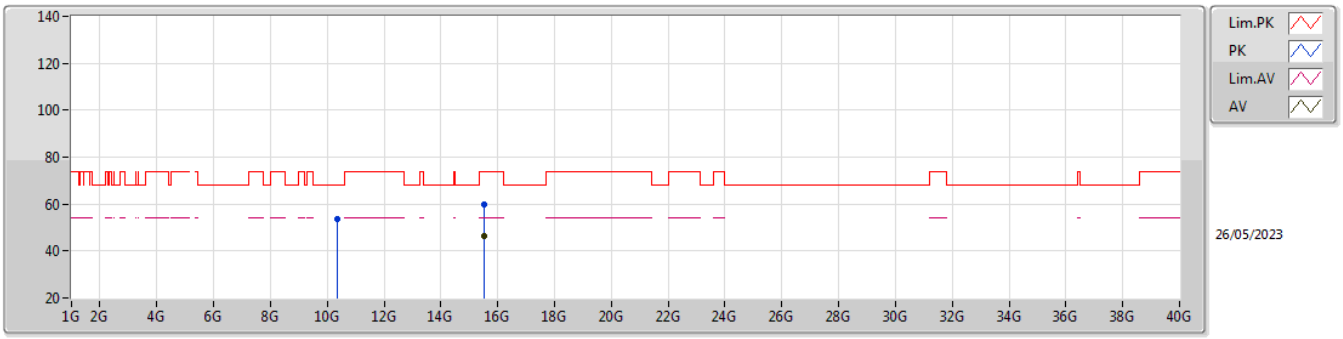


EUT Y_1TX(port 1)
Setting 21.5
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35676G	53.57	68.20	-14.63	38.49	3	Vertical	346	1.45	-	38.49	8.42	31.83
PK	15.53068G	59.20	74.00	-14.80	42.36	3	Vertical	196	1.80	-	37.88	10.31	31.35
AV	15.53576G	46.13	54.00	-7.87	29.31	3	Vertical	196	1.80	-	37.86	10.31	31.35

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

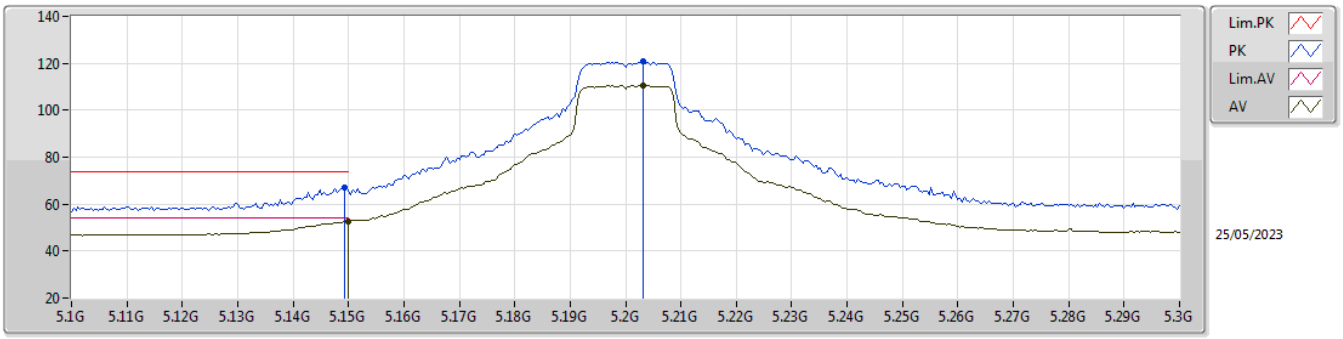


EUT Y_1TX(port 1)
Setting 21.5
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35656G	53.84	68.20	-14.36	38.76	3	Horizontal	79	1.07	-	38.49	8.42	31.83
PK	15.53692G	59.87	74.00	-14.13	43.06	3	Horizontal	85	2.57	-	37.85	10.31	31.35
AV	15.53052G	46.13	54.00	-7.87	29.29	3	Horizontal	85	2.57	-	37.88	10.31	31.35

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

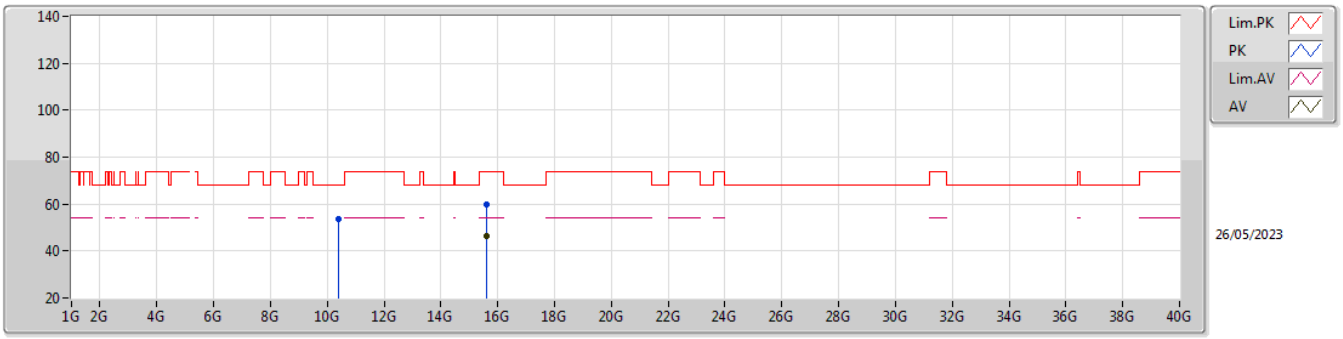


EUT Y_1TX(port 1)
Setting 23.5
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	67.16	74.00	-6.84	58.52	3	Vertical	313	1.38	-	33.60	5.77	30.73
AV	5.15G	52.73	54.00	-1.27	44.08	3	Vertical	313	1.38	-	33.60	5.78	30.73
PK	5.2032G	120.67	Inf	-Inf	111.80	3	Vertical	313	1.38	-	33.80	5.80	30.73
AV	5.2032G	110.77	Inf	-Inf	101.90	3	Vertical	313	1.38	-	33.80	5.80	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

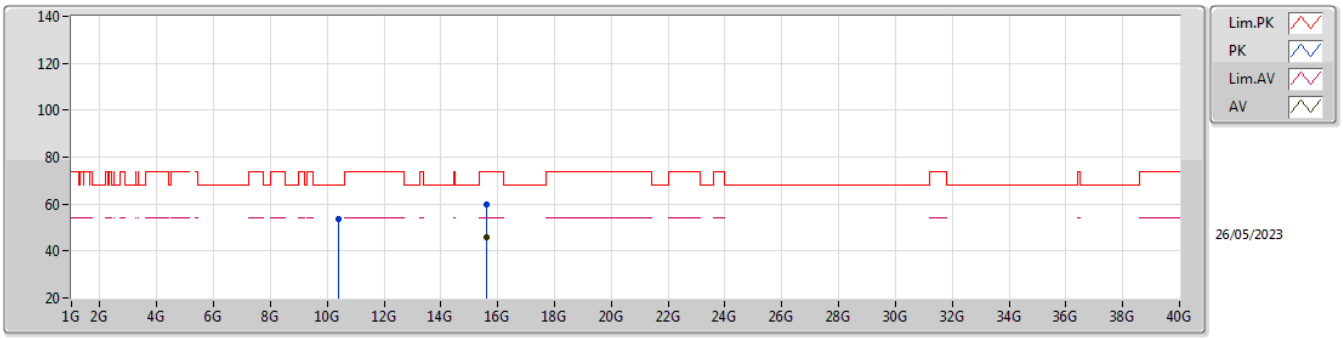


EUT Y_1TX(port 1)
Setting 23.5
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40056G	53.56	68.20	-14.64	38.55	3	Vertical	25	1.80	-	38.40	8.44	31.83
PK	15.60076G	59.72	74.00	-14.28	43.06	3	Vertical	249	2.35	-	37.70	10.34	31.38
AV	15.6006G	46.23	54.00	-7.77	29.57	3	Vertical	249	2.35	-	37.70	10.34	31.38

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

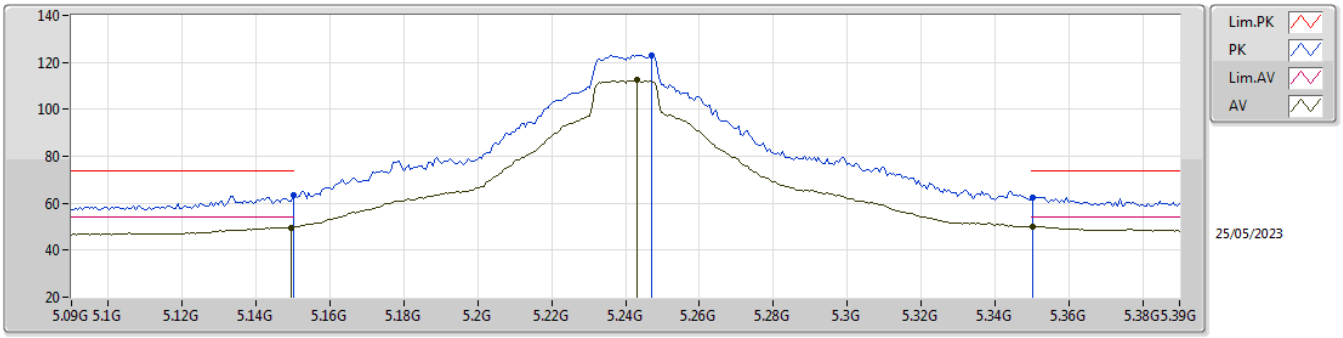


EUT Y_1TX(port 1)
Setting 23.5
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40904G	53.46	68.20	-14.74	38.46	3	Horizontal	182	1.01	-	38.40	8.44	31.84
PK	15.60444G	59.79	74.00	-14.21	43.13	3	Horizontal	150	2.54	-	37.70	10.34	31.38
AV	15.6074G	46.04	54.00	-7.96	29.39	3	Horizontal	150	2.54	-	37.70	10.34	31.39

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

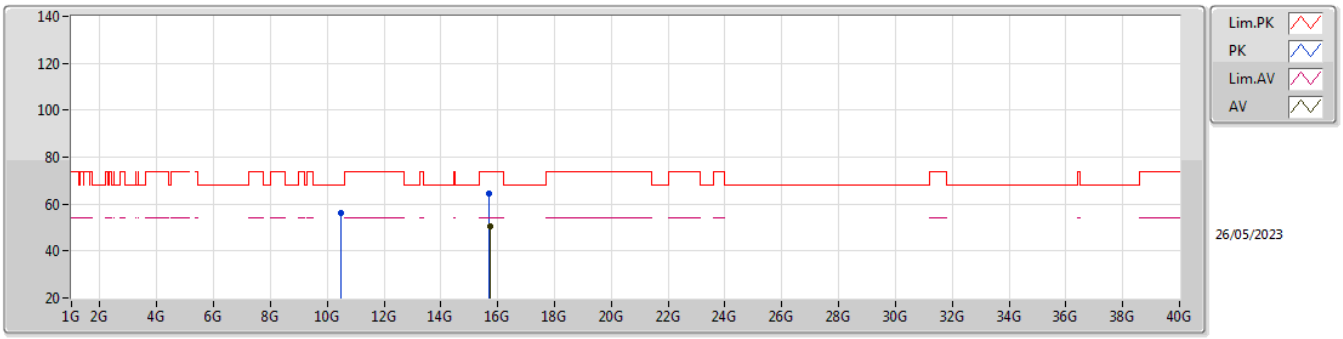


EUT Y_1TX(port 1)
Setting 25
02-F-B-5-10

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	63.64	74.00	-10.36	54.99	3	Vertical	310	1.70	-	33.60	5.78	30.73
AV	5.1494G	49.72	54.00	-4.28	41.08	3	Vertical	310	1.70	-	33.60	5.77	30.73
PK	5.2472G	123.18	Inf	-Inf	114.29	3	Vertical	310	1.70	-	33.80	5.82	30.73
AV	5.243G	112.54	Inf	-Inf	103.65	3	Vertical	310	1.70	-	33.80	5.82	30.73
PK	5.3504G	62.63	74.00	-11.37	53.47	3	Vertical	310	1.70	-	34.00	5.88	30.72
AV	5.3504G	49.99	54.00	-4.01	40.83	3	Vertical	310	1.70	-	34.00	5.88	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

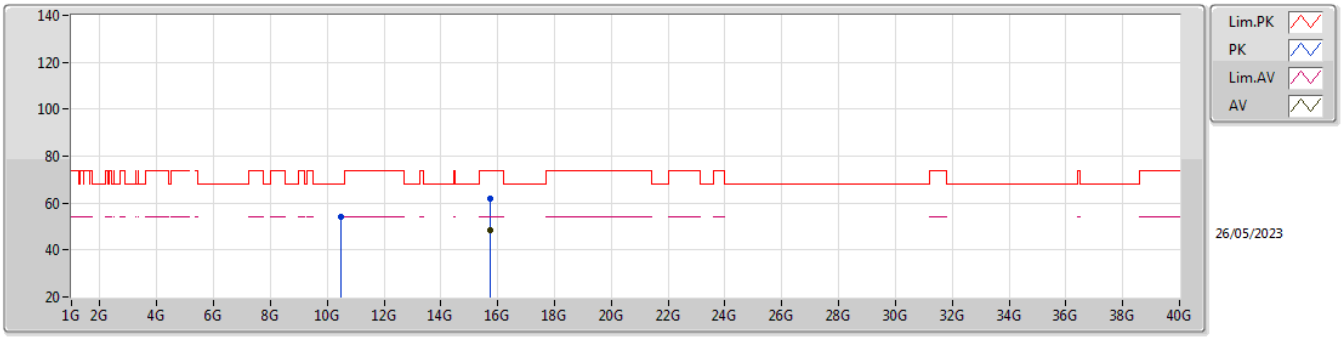


EUT Y_1TX(port 1)
Setting 25
02-F-B-5

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	10.48014G	56.14	68.20	-12.06	41.12	3	Vertical	25	1.94	-	38.40	8.47	31.85
PK	15.71508G	64.27	74.00	-9.73	47.58	3	Vertical	328.9	1.45	-	37.74	10.39	31.44
AV	15.71868G	50.39	54.00	-3.61	33.71	3	Vertical	328.9	1.45	-	37.73	10.39	31.44

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

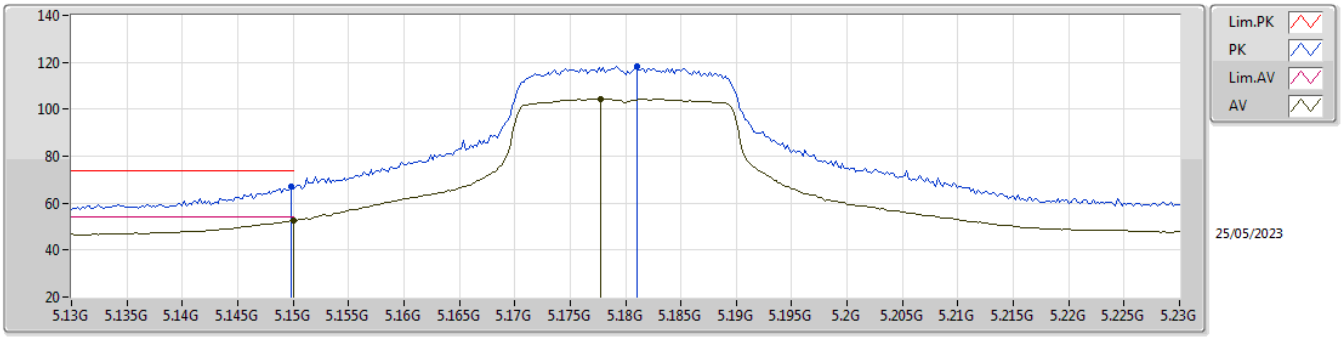


EUT Y_1TX(port 1)
Setting 25
02-F-B-5

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	10.47096G	53.99	68.20	-14.21	38.98	3	Horizontal	181	1.48	-	38.40	8.46	31.85
PK	15.72424G	61.76	74.00	-12.24	45.12	3	Horizontal	346	2.15	-	37.70	10.39	31.45
AV	15.72016G	48.70	54.00	-5.30	32.03	3	Horizontal	346	2.15	-	37.72	10.39	31.44

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

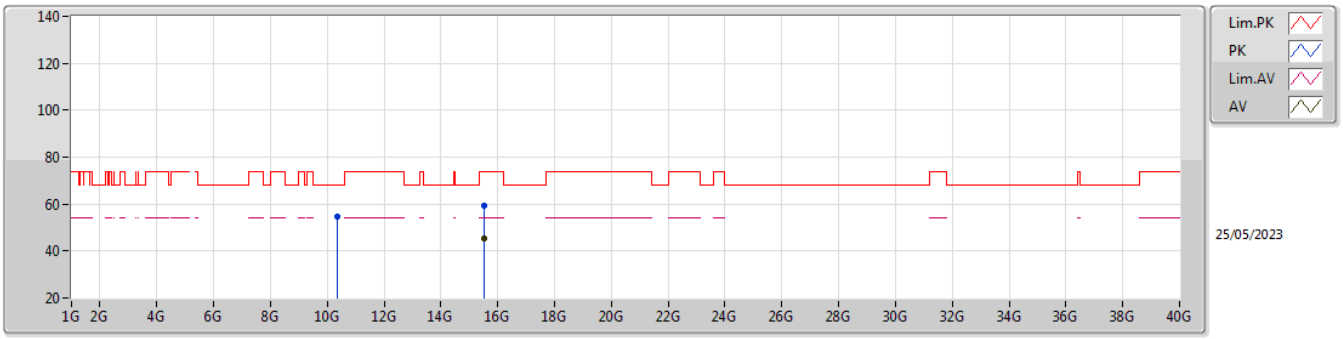


EUT Y_1TX(port 1)
Setting 21.5
02-F-B-5-10

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	5.1498G	67.13	74.00	-6.87	58.49	3	Vertical	336	1.81	-	33.60	5.77	30.73
AV	5.15G	52.52	54.00	-1.48	43.87	3	Vertical	336	1.81	-	33.60	5.78	30.73
PK	5.181G	118.09	Inf	-Inf	109.31	3	Vertical	336	1.81	-	33.72	5.79	30.73
AV	5.1778G	104.50	Inf	-Inf	95.73	3	Vertical	336	1.81	-	33.71	5.79	30.73

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

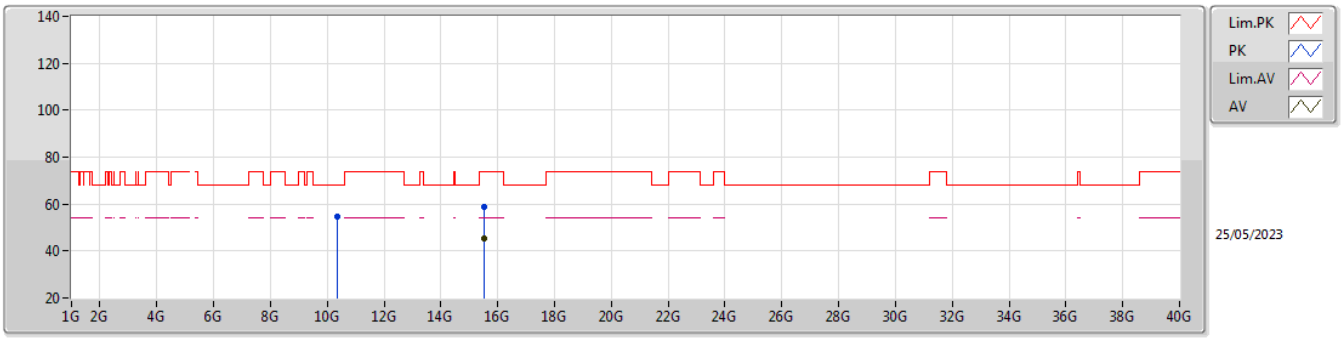


EUT Y_1TX(port 1)
Setting 21.5
02-F-B-5

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	10.3652G	54.44	68.20	-13.76	39.37	3	Vertical	5	2.38	-	38.47	8.43	31.83
PK	15.5442G	59.40	74.00	-14.60	42.61	3	Vertical	339	2.77	-	37.82	10.32	31.35
AV	15.53824G	45.59	54.00	-8.41	28.77	3	Vertical	339	2.77	-	37.85	10.32	31.35

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

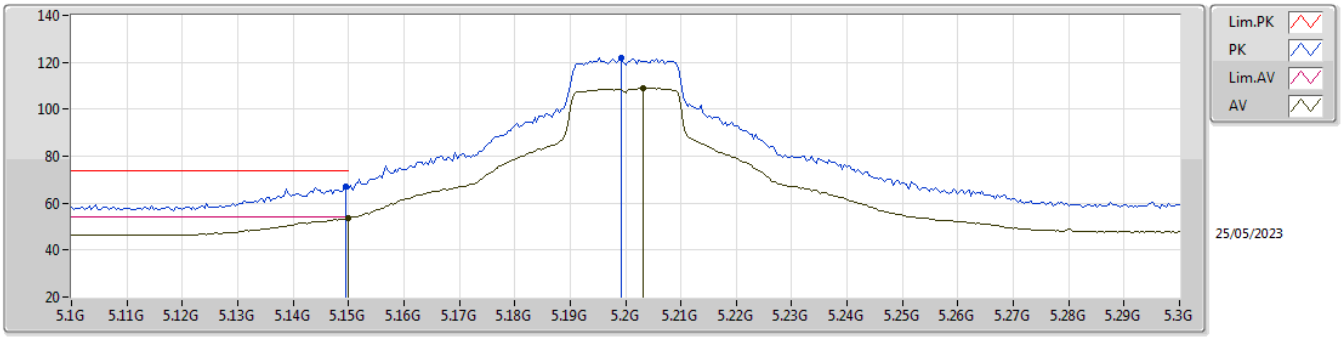


EUT Y_1TX(port 1)
Setting 21.5
02-F-B-5

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	10.3506G	54.56	68.20	-13.64	39.47	3	Horizontal	176	1.13	-	38.50	8.42	31.83
PK	15.53496G	59.02	74.00	-14.98	42.20	3	Horizontal	309	2.71	-	37.86	10.31	31.35
AV	15.5418G	45.51	54.00	-8.49	28.71	3	Horizontal	309	2.71	-	37.83	10.32	31.35

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

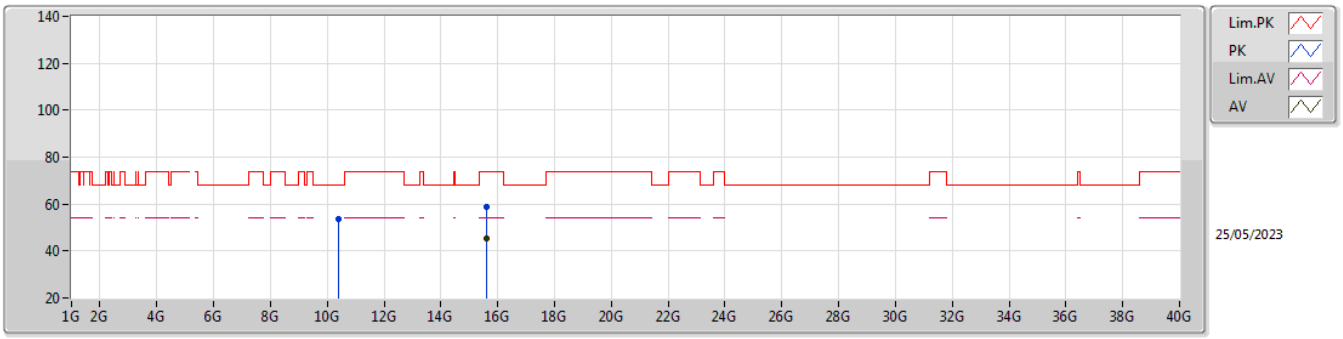


EUT Y_1TX(port 1)
Setting 24
02-F-B-5-10

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	67.05	74.00	-6.95	58.41	3	Vertical	310	1.38	-	33.60	5.77	30.73
AV	5.15G	53.73	54.00	-0.27	45.08	3	Vertical	310	1.38	-	33.60	5.78	30.73
PK	5.1992G	121.97	Inf	-Inf	113.10	3	Vertical	310	1.38	-	33.80	5.80	30.73
AV	5.2032G	109.14	Inf	-Inf	100.27	3	Vertical	310	1.38	-	33.80	5.80	30.73

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

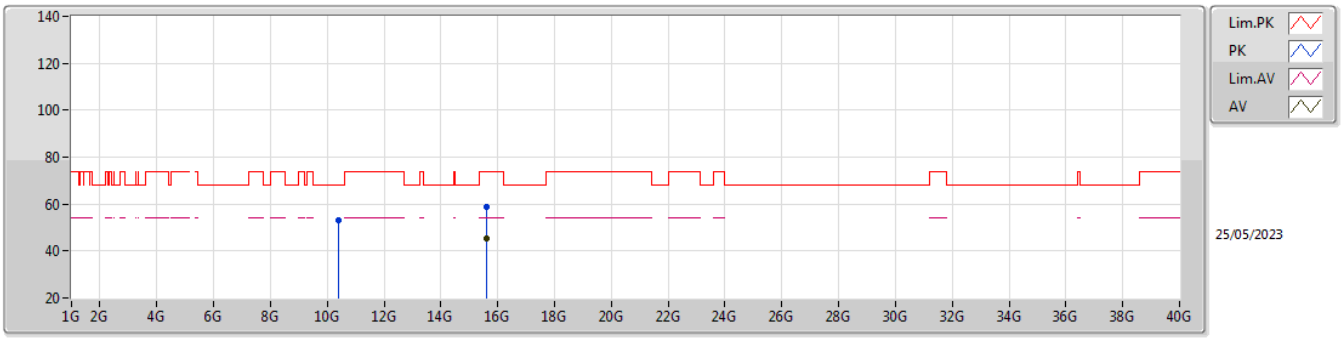


EUT Y_1TX(port 1)
Setting 24
02-F-B-5

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	10.39584G	53.72	68.20	-14.48	38.70	3	Vertical	113	1.25	-	38.41	8.44	31.83
PK	15.60136G	58.87	74.00	-15.13	42.21	3	Vertical	3	1.09	-	37.70	10.34	31.38
AV	15.6046G	45.44	54.00	-8.56	28.78	3	Vertical	3	1.09	-	37.70	10.34	31.38

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

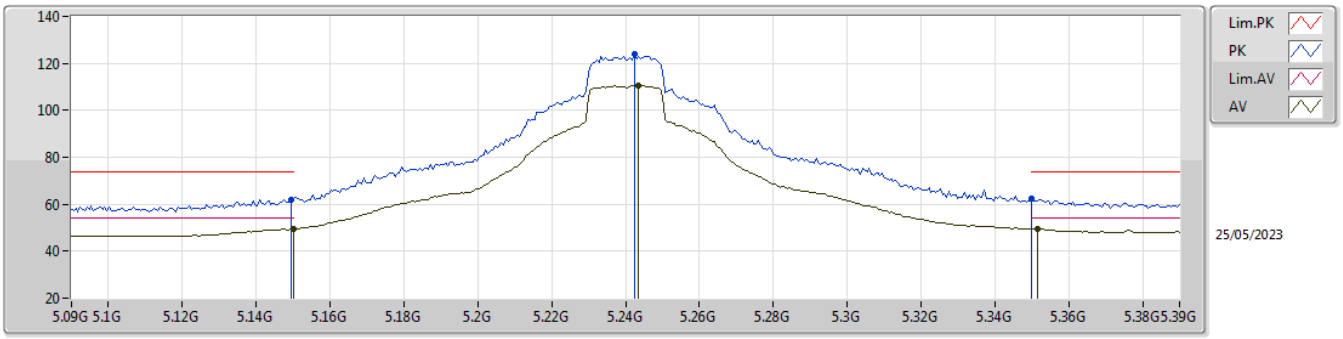


EUT Y_1TX(port 1)
Setting 24
02-F-B-5

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	10.40856G	53.34	68.20	-14.86	38.34	3	Horizontal	190	2.85	-	38.40	8.44	31.84
PK	15.59944G	58.57	74.00	-15.43	41.91	3	Horizontal	271	1.85	-	37.70	10.34	31.38
AV	15.60972G	45.33	54.00	-8.67	28.68	3	Horizontal	271	1.85	-	37.70	10.34	31.39

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

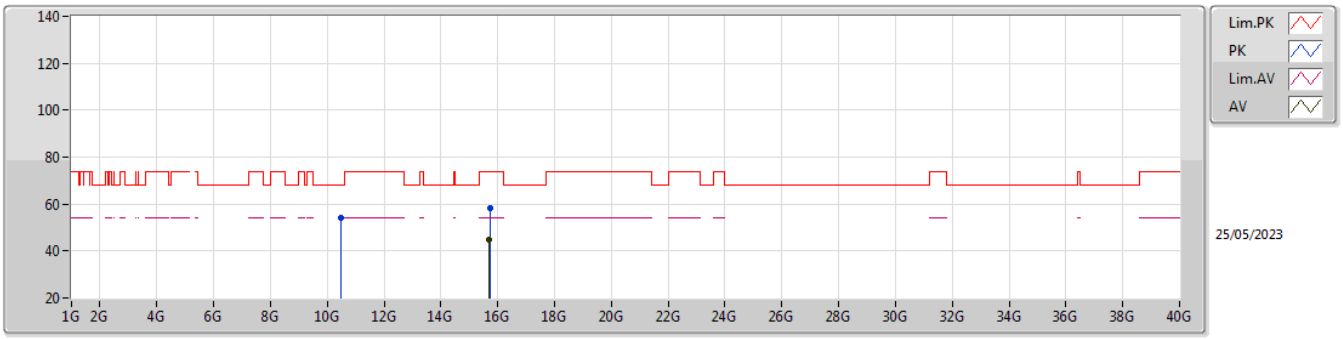


EUT Y_1TX(port 1)
Setting 25
02-F-B-5-10

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	61.79	74.00	-12.21	53.15	3	Vertical	308	1.70	-	33.60	5.77	30.73
AV	5.15G	49.36	54.00	-4.64	40.71	3	Vertical	308	1.70	-	33.60	5.78	30.73
PK	5.2424G	123.83	Inf	-Inf	114.94	3	Vertical	308	1.70	-	33.80	5.82	30.73
AV	5.2436G	110.69	Inf	-Inf	101.80	3	Vertical	308	1.70	-	33.80	5.82	30.73
PK	5.35G	62.53	74.00	-11.47	53.37	3	Vertical	308	1.70	-	34.00	5.88	30.72
AV	5.3516G	49.45	54.00	-4.55	40.29	3	Vertical	308	1.70	-	34.00	5.88	30.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

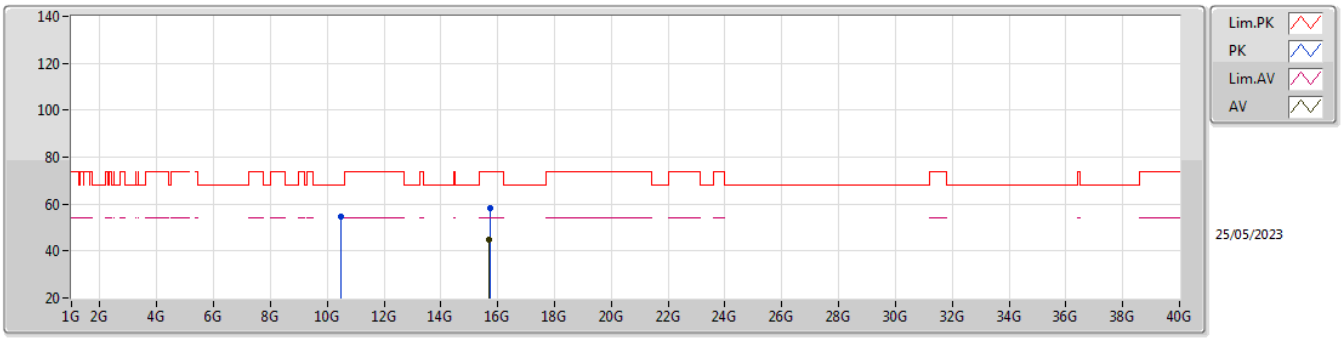


EUT Y_1TX(port 1)
Setting 25
02-F-B-5

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	10.47428G	54.06	68.20	-14.14	39.04	3	Vertical	297	2.60	-	38.40	8.47	31.85
PK	15.716G	58.26	74.00	-15.74	41.57	3	Vertical	228	2.69	-	37.74	10.39	31.44
AV	15.7104G	44.90	54.00	-9.10	28.20	3	Vertical	228	2.69	-	37.76	10.38	31.44

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

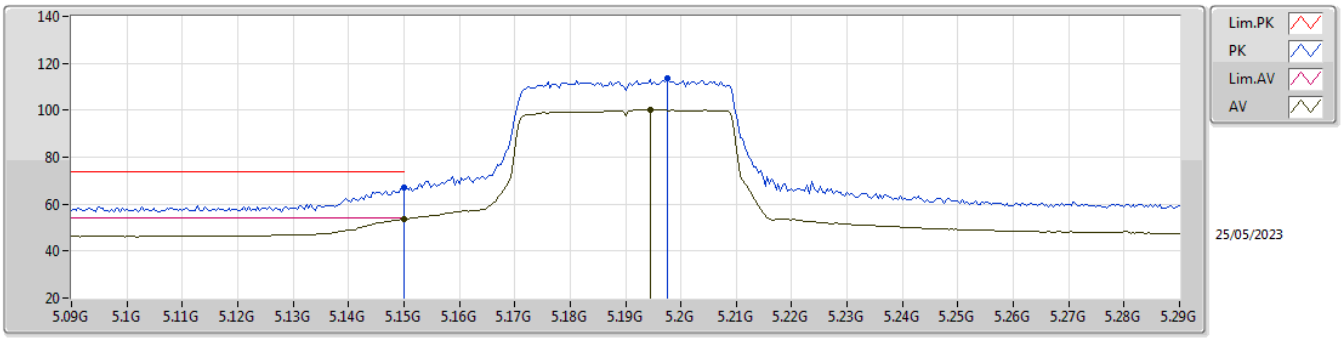


EUT Y_1TX(port 1)
Setting 25
02-F-B-5

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	10.47012G	54.68	68.20	-13.52	39.67	3	Horizontal	188	2.68	-	38.40	8.46	31.85
PK	15.72292G	58.35	74.00	-15.65	41.70	3	Horizontal	42	1.77	-	37.71	10.39	31.45
AV	15.71468G	44.86	54.00	-9.14	28.17	3	Horizontal	42	1.77	-	37.74	10.39	31.44

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

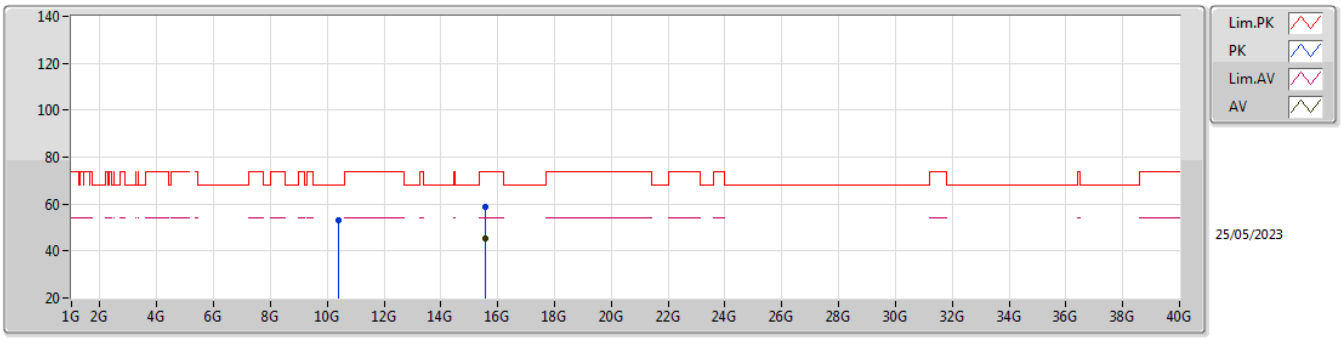


EUT Y_1TX(port 1)
Setting 19
02-F-B-5-10

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	66.97	74.00	-7.03	58.32	3	Vertical	312	1.80	-	33.60	5.78	30.73
AV	5.15G	53.55	54.00	-0.45	44.90	3	Vertical	312	1.80	-	33.60	5.78	30.73
PK	5.1976G	113.67	Inf	-Inf	104.81	3	Vertical	312	1.80	-	33.79	5.80	30.73
AV	5.1944G	100.22	Inf	-Inf	91.37	3	Vertical	312	1.80	-	33.78	5.80	30.73

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

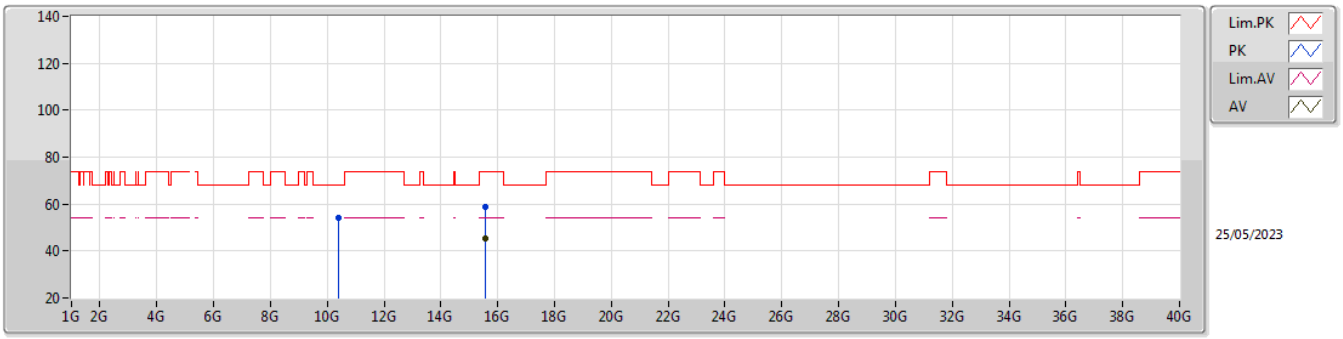


EUT Y_1TX(port 1)
Setting 19
02-F-B-5

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	10.37928G	53.31	68.20	-14.89	38.27	3	Vertical	162	2.51	-	38.44	8.43	31.83
PK	15.575G	58.77	74.00	-15.23	42.06	3	Vertical	208	1.51	-	37.75	10.33	31.37
AV	15.56856G	45.47	54.00	-8.53	28.75	3	Vertical	208	1.51	-	37.76	10.33	31.37

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

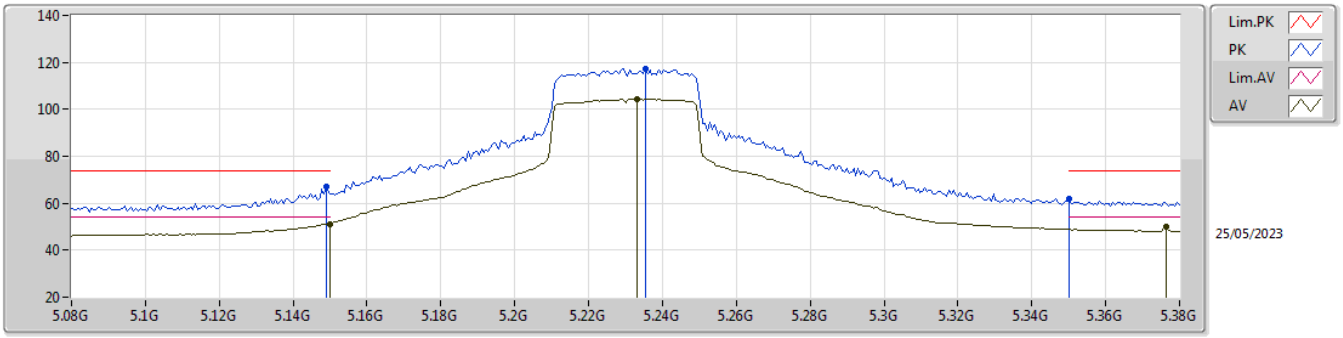


EUT Y_1TX(port 1)
Setting 19
02-F-B-5

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	10.38412G	54.17	68.20	-14.03	39.14	3	Horizontal	256	2.61	-	38.43	8.43	31.83
PK	15.56656G	59.01	74.00	-14.99	42.27	3	Horizontal	19	2.53	-	37.77	10.33	31.36
AV	15.56048G	45.42	54.00	-8.58	28.68	3	Horizontal	19	2.53	-	37.78	10.32	31.36

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

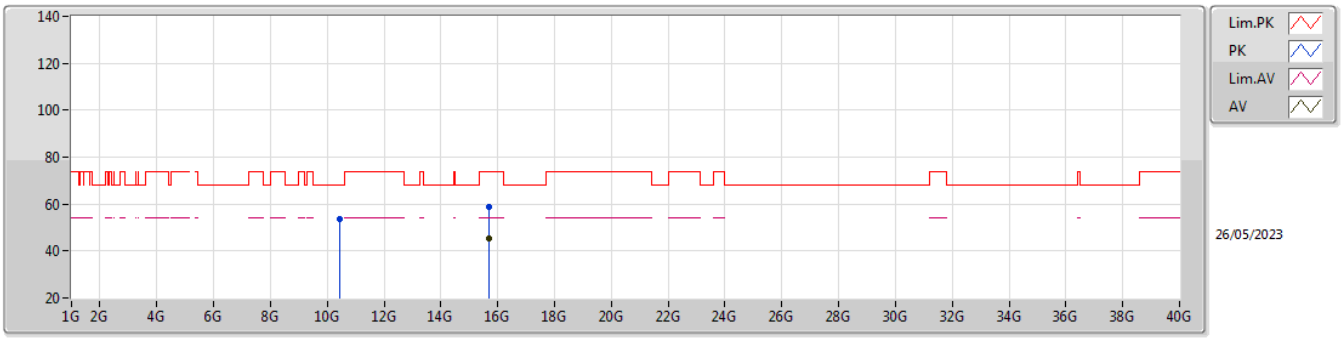


EUT Y_1TX(port 1)
Setting 22
02-F-B-5-10

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	66.86	74.00	-7.14	58.22	3	Vertical	310	1.60	-	33.60	5.77	30.73
AV	5.15G	51.23	54.00	-2.77	42.59	3	Vertical	310	1.60	-	33.60	5.77	30.73
PK	5.2354G	117.50	Inf	-Inf	108.61	3	Vertical	310	1.60	-	33.80	5.82	30.73
AV	5.233G	104.25	Inf	-Inf	95.36	3	Vertical	310	1.60	-	33.80	5.82	30.73
PK	5.35G	61.68	74.00	-12.32	52.52	3	Vertical	310	1.60	-	34.00	5.88	30.72
AV	5.3764G	49.89	54.00	-4.11	40.72	3	Vertical	310	1.60	-	34.00	5.89	30.72

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

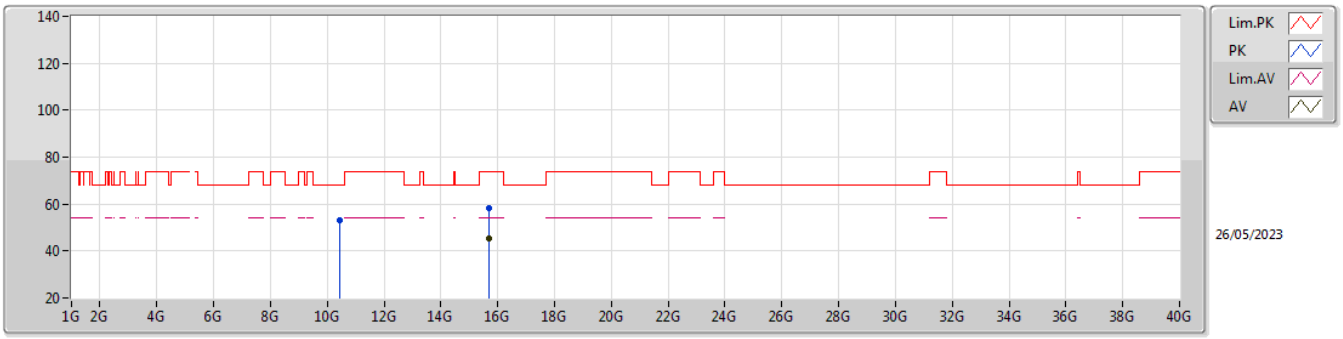


EUT Y_1TX(port 1)
Setting 22
02-F-B-5

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	10.45742G	53.81	68.20	-14.39	38.79	3	Vertical	38	1.76	-	38.40	8.46	31.84
PK	15.68706G	58.95	74.00	-15.05	42.24	3	Vertical	74	1.80	-	37.77	10.37	31.43
AV	15.67998G	45.09	54.00	-8.91	28.38	3	Vertical	74	1.80	-	37.76	10.37	31.42

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

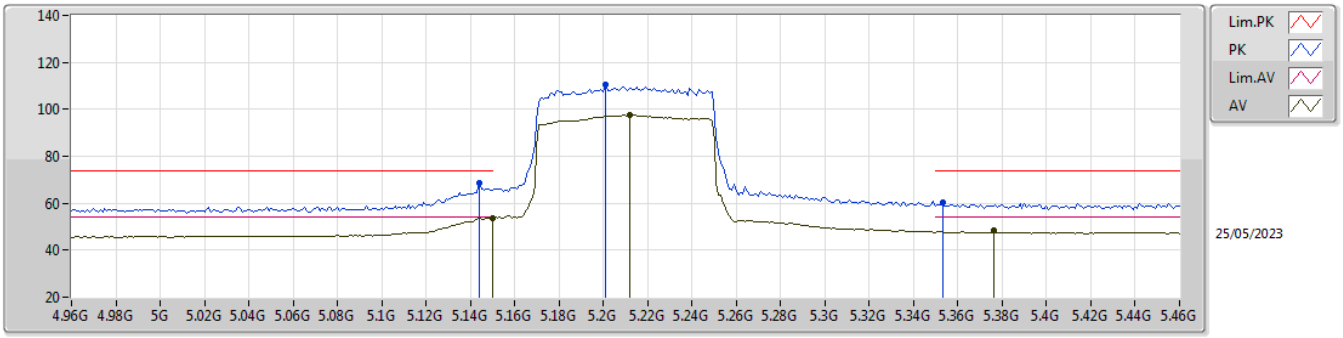


EUT Y_1TX(port 1)
Setting 22
02-F-B-5

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	10.45368G	53.30	68.20	-14.90	38.28	3	Horizontal	5	2.88	-	38.40	8.46	31.84
PK	15.69144G	58.04	74.00	-15.96	41.31	3	Horizontal	10	1.75	-	37.78	10.38	31.43
AV	15.67566G	45.11	54.00	-8.89	28.41	3	Horizontal	10	1.75	-	37.75	10.37	31.42

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

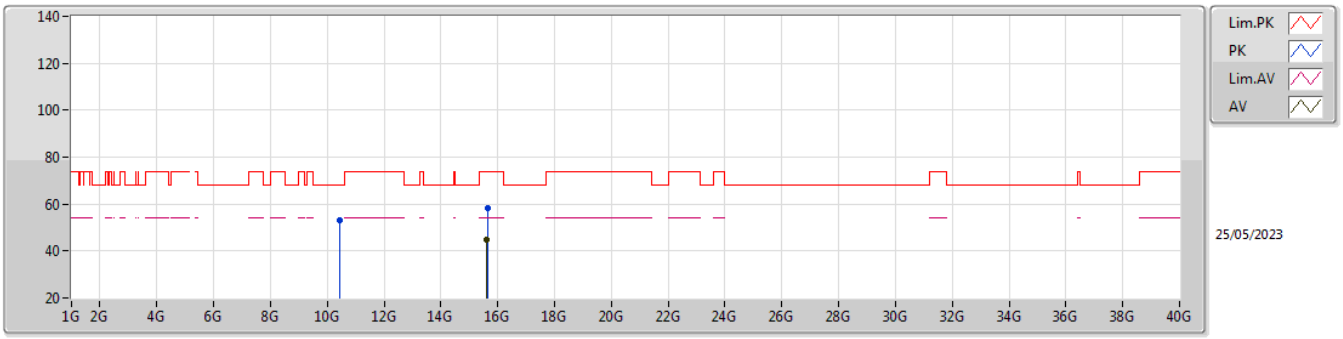


EUT Y_1TX(port 1)
Setting 17.5
02-F-B-5-10

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	68.46	74.00	-5.54	59.83	3	Vertical	308	1.28	-	33.59	5.77	30.73
AV	5.15G	53.76	54.00	-0.24	45.11	3	Vertical	308	1.28	-	33.60	5.78	30.73
PK	5.201G	110.57	Inf	-Inf	101.70	3	Vertical	308	1.28	-	33.80	5.80	30.73
AV	5.212G	97.81	Inf	-Inf	88.93	3	Vertical	308	1.28	-	33.80	5.81	30.73
PK	5.353G	60.53	74.00	-13.47	51.37	3	Vertical	308	1.28	-	34.00	5.88	30.72
AV	5.376G	48.52	54.00	-5.48	39.35	3	Vertical	308	1.28	-	34.00	5.89	30.72

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

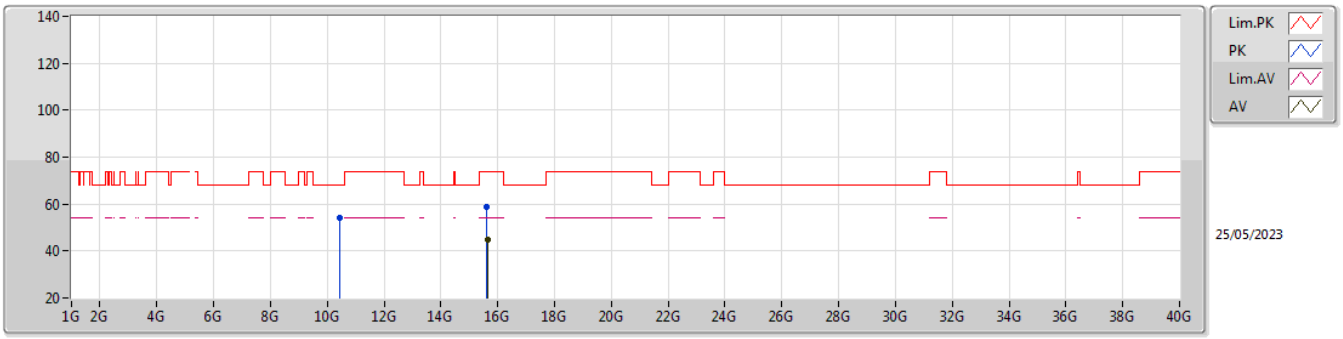


EUT Y_1TX(port 1)
Setting 17.5
02-F-B-5

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	10.42852G	53.19	68.20	-15.01	38.18	3	Vertical	181	1.11	-	38.40	8.45	31.84
PK	15.63844G	58.35	74.00	-15.65	41.69	3	Vertical	150	2.28	-	37.70	10.36	31.40
AV	15.62044G	45.03	54.00	-8.97	28.37	3	Vertical	150	2.28	-	37.70	10.35	31.39

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

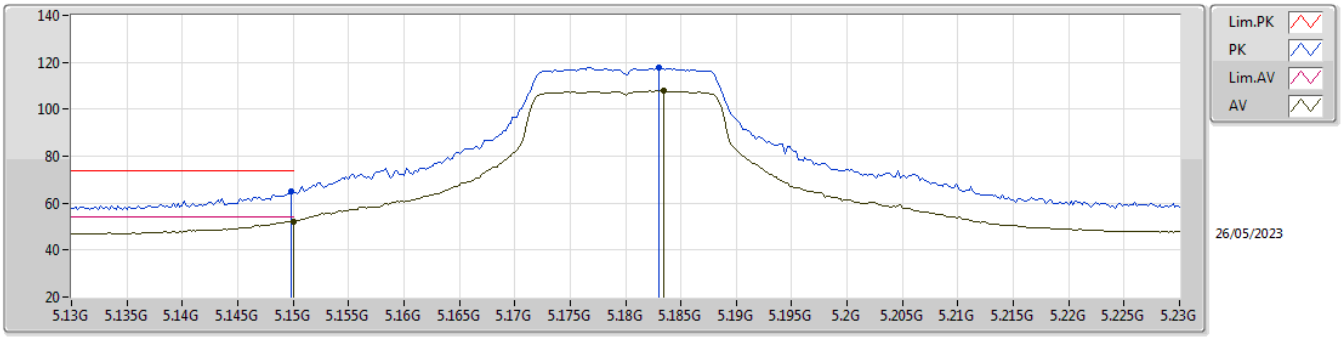


EUT Y_1TX(port 1)
Setting 17.5
02-F-B-5

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	10.42212G	54.03	68.20	-14.17	39.02	3	Horizontal	1	1.17	-	38.40	8.45	31.84
PK	15.63004G	58.92	74.00	-15.08	42.27	3	Horizontal	34	1.55	-	37.70	10.35	31.40
AV	15.63496G	45.03	54.00	-8.97	28.38	3	Horizontal	34	1.55	-	37.70	10.35	31.40

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

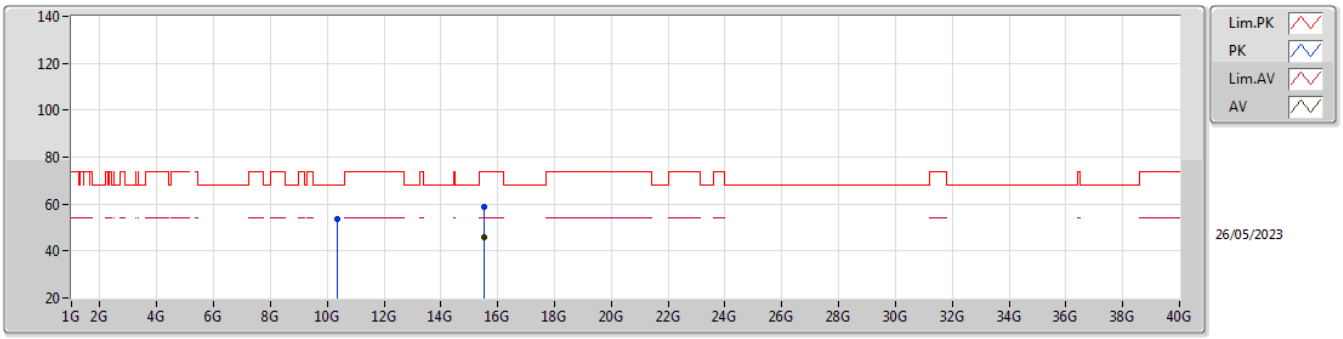


EUT Y_1TX(port 2)
Setting 21
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	64.81	74.00	-9.19	56.17	3	Vertical	-0	1.80	-	33.60	5.77	30.73
AV	5.15G	52.21	54.00	-1.79	43.56	3	Vertical	-0	1.80	-	33.60	5.78	30.73
PK	5.183G	117.64	Inf	-Inf	108.85	3	Vertical	-0	1.80	-	33.73	5.79	30.73
AV	5.1834G	107.92	Inf	-Inf	99.13	3	Vertical	-0	1.80	-	33.73	5.79	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

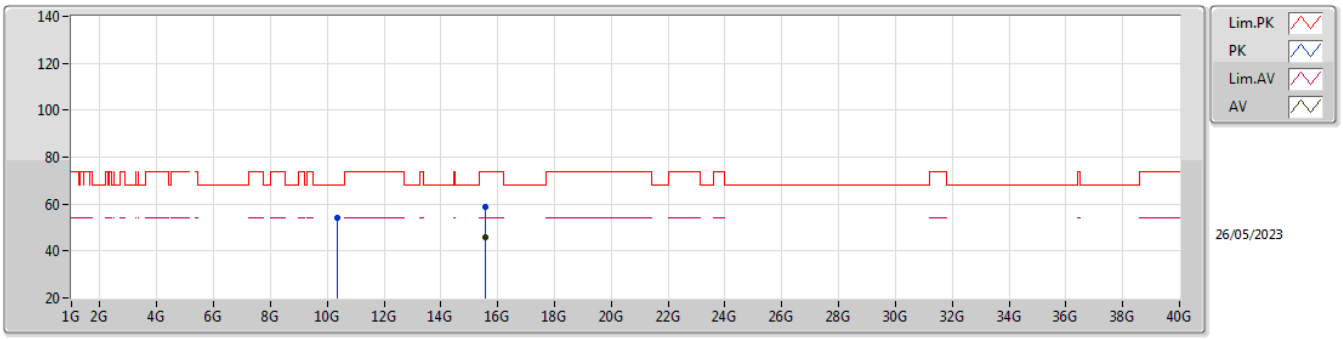


EUT Y_1TX(port 2)
Setting 21
02-F-B-5

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	10.35788G	53.66	68.20	-14.54	38.58	3	Vertical	72	1.38	-	38.48	8.43	31.83
PK	15.53496G	58.66	74.00	-15.34	41.84	3	Vertical	176	2.86	-	37.86	10.31	31.35
AV	15.54312G	45.98	54.00	-8.02	29.18	3	Vertical	176	2.86	-	37.83	10.32	31.35

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

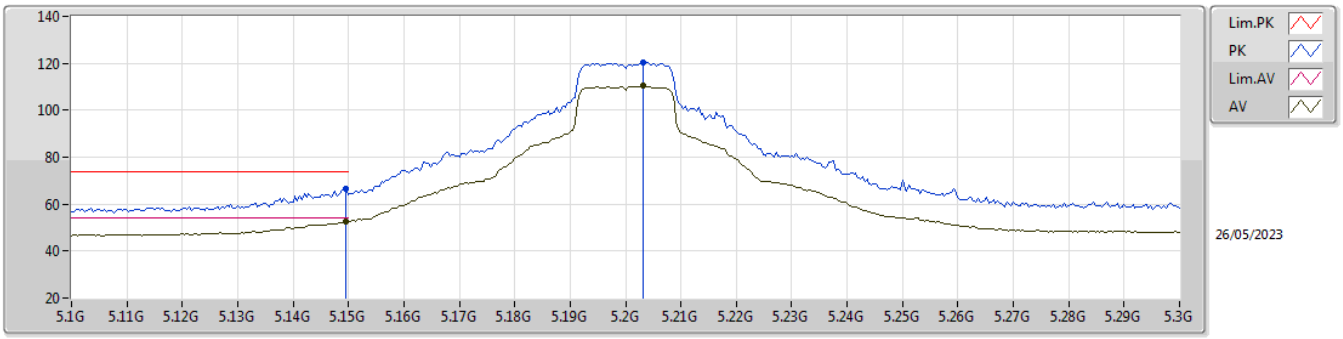


EUT Y_1TX(port 2)
Setting 21
02-F-B-5

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	10.359G	53.98	68.20	-14.22	38.90	3	Horizontal	325	1.18	-	38.48	8.43	31.83
PK	15.54624G	58.99	74.00	-15.01	42.20	3	Horizontal	0	2.38	-	37.82	10.32	31.35
AV	15.54748G	45.90	54.00	-8.10	29.12	3	Horizontal	0	2.38	-	37.81	10.32	31.35

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

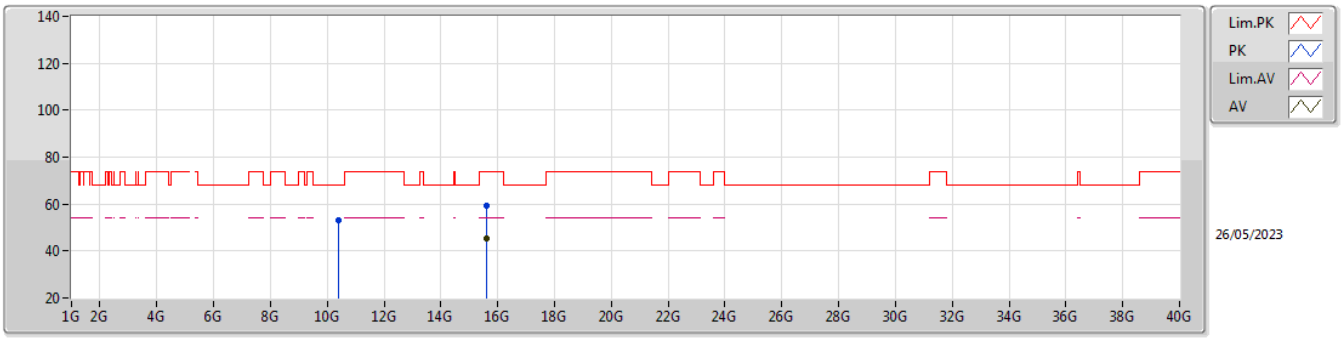


EUT Y_1TX(port 2)
Setting 24.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	66.40	74.00	-7.60	57.76	3	Vertical	-0	1.80	-	33.60	5.77	30.73
AV	5.1496G	52.34	54.00	-1.66	43.70	3	Vertical	-0	1.80	-	33.60	5.77	30.73
PK	5.2032G	120.52	Inf	-Inf	111.65	3	Vertical	-0	1.80	-	33.80	5.80	30.73
AV	5.2032G	110.46	Inf	-Inf	101.59	3	Vertical	-0	1.80	-	33.80	5.80	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

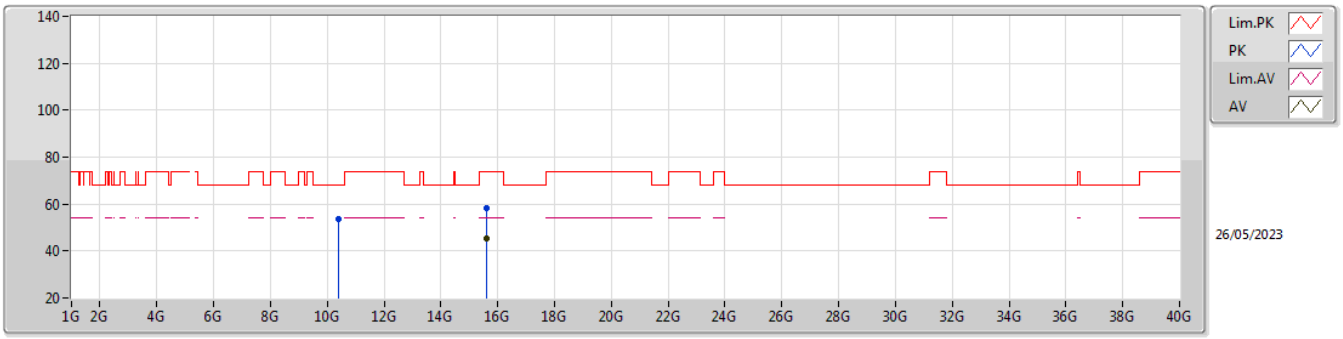


EUT Y_1TX(port 2)
Setting 24.5
02-F-B-5

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	10.40884G	53.33	68.20	-14.87	38.33	3	Vertical	344	1.09	-	38.40	8.44	31.84
PK	15.6056G	59.25	74.00	-14.75	42.59	3	Vertical	211	1.32	-	37.70	10.34	31.38
AV	15.59124G	45.32	54.00	-8.68	28.64	3	Vertical	211	1.32	-	37.72	10.34	31.38

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

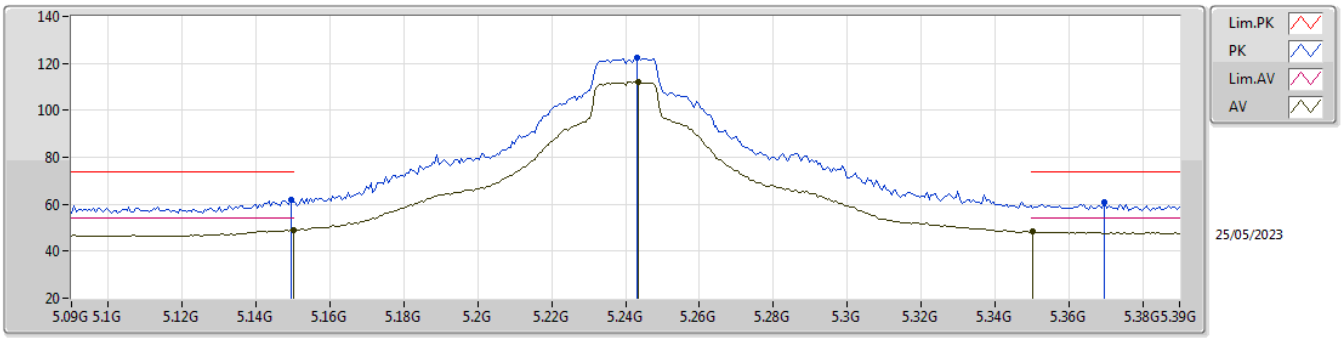


EUT Y_1TX(port 2)
Setting 24.5
02-F-B-5

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	10.3992G	53.70	68.20	-14.50	38.69	3	Horizontal	311	2.06	-	38.40	8.44	31.83
PK	15.60592G	58.50	74.00	-15.50	41.85	3	Horizontal	226	1.77	-	37.70	10.34	31.39
AV	15.60872G	45.47	54.00	-8.53	28.82	3	Horizontal	226	1.77	-	37.70	10.34	31.39

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

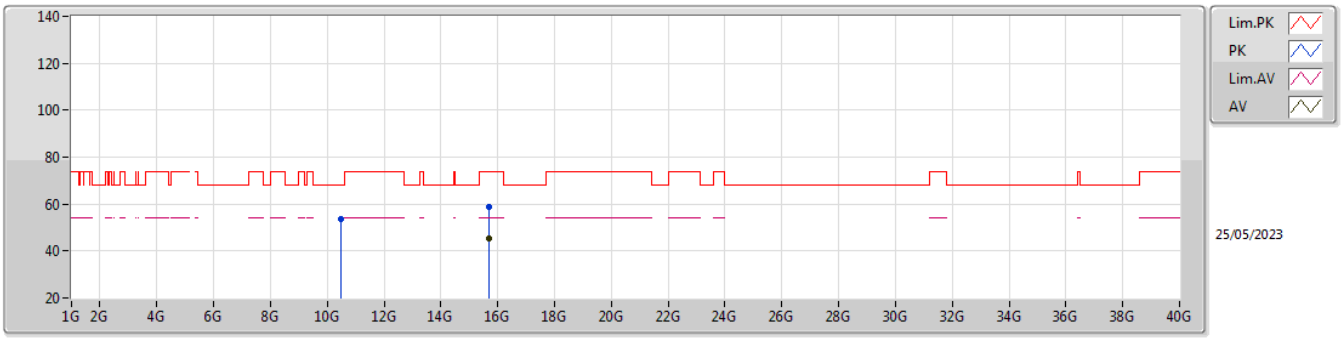


EUT Y_1TX(port 2)
Setting 27
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	62.14	74.00	-11.86	53.50	3	Vertical	-0	1.67	-	33.60	5.77	30.73
AV	5.15G	48.99	54.00	-5.01	40.34	3	Vertical	-0	1.67	-	33.60	5.78	30.73
PK	5.243G	122.67	Inf	-Inf	113.78	3	Vertical	-0	1.67	-	33.80	5.82	30.73
AV	5.2436G	112.29	Inf	-Inf	103.40	3	Vertical	-0	1.67	-	33.80	5.82	30.73
PK	5.3696G	60.80	74.00	-13.20	51.64	3	Vertical	-0	1.67	-	34.00	5.88	30.72
AV	5.3504G	48.32	54.00	-5.68	39.16	3	Vertical	-0	1.67	-	34.00	5.88	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

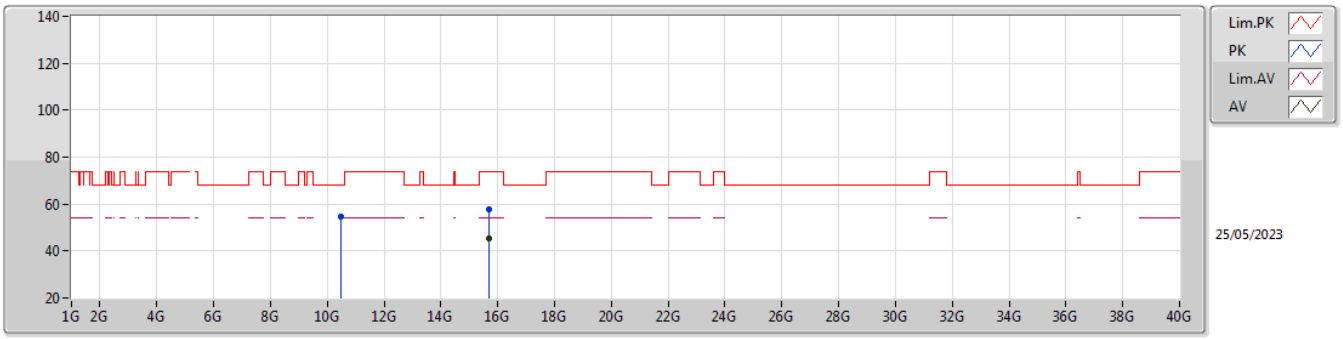


EUT Y_1TX(port 2)
Setting 27
02-F-B-5

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	10.49G	53.39	68.20	-14.81	38.37	3	Vertical	35	1.57	-	38.40	8.47	31.85
PK	15.71532G	58.77	74.00	-15.23	42.08	3	Vertical	24	1.16	-	37.74	10.39	31.44
AV	15.71496G	45.14	54.00	-8.86	28.45	3	Vertical	24	1.16	-	37.74	10.39	31.44

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

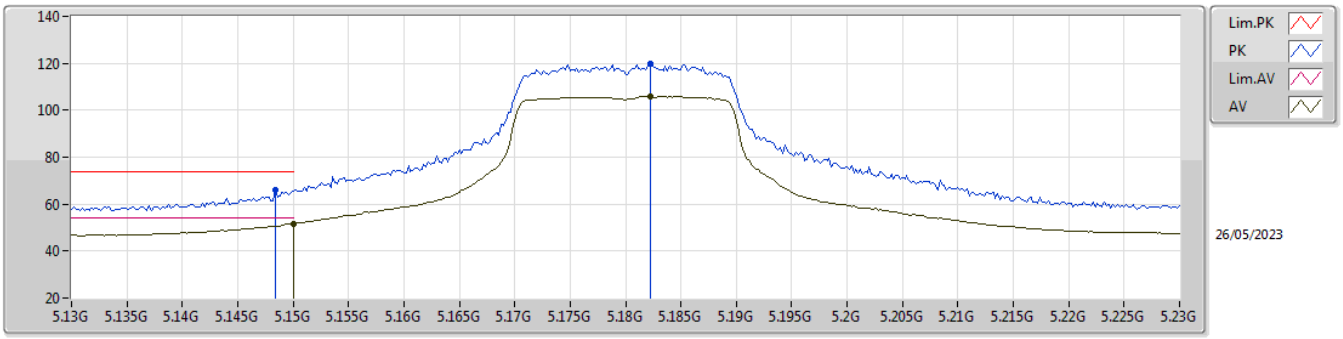


EUT Y_1TX(port 2)
Setting 27
02-F-B-5

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	10.48492G	54.49	68.20	-13.71	39.47	3	Horizontal	62	2.27	-	38.40	8.47	31.85
PK	15.71276G	58.01	74.00	-15.99	41.31	3	Horizontal	301	1.40	-	37.75	10.39	31.44
AV	15.71528G	45.46	54.00	-8.54	28.77	3	Horizontal	301	1.40	-	37.74	10.39	31.44

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

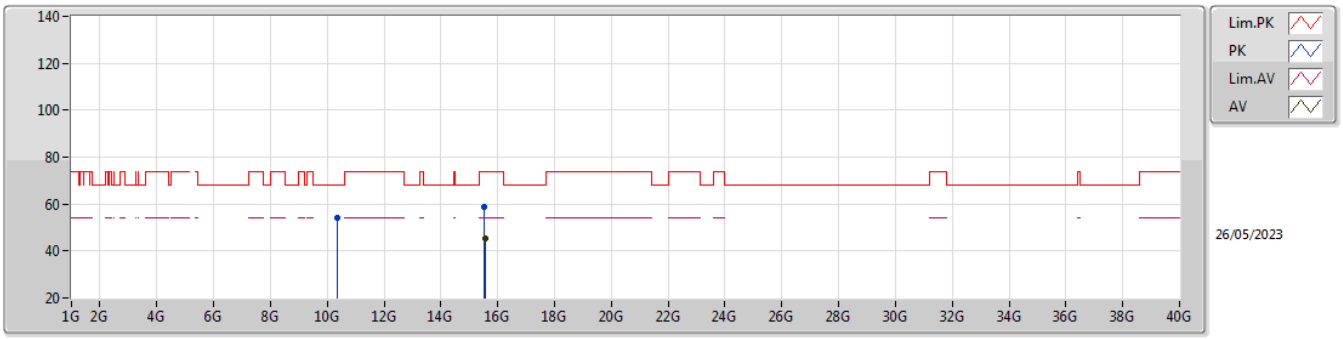


EUT Y_1TX(port 2)
Setting 21
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	65.83	74.00	-8.17	57.19	3	Vertical	360	1.80	-	33.60	5.77	30.73
AV	5.15G	51.81	54.00	-2.19	43.16	3	Vertical	360	1.80	-	33.60	5.78	30.73
PK	5.1822G	119.57	Inf	-Inf	110.78	3	Vertical	360	1.80	-	33.73	5.79	30.73
AV	5.1822G	106.00	Inf	-Inf	97.21	3	Vertical	360	1.80	-	33.73	5.79	30.73

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

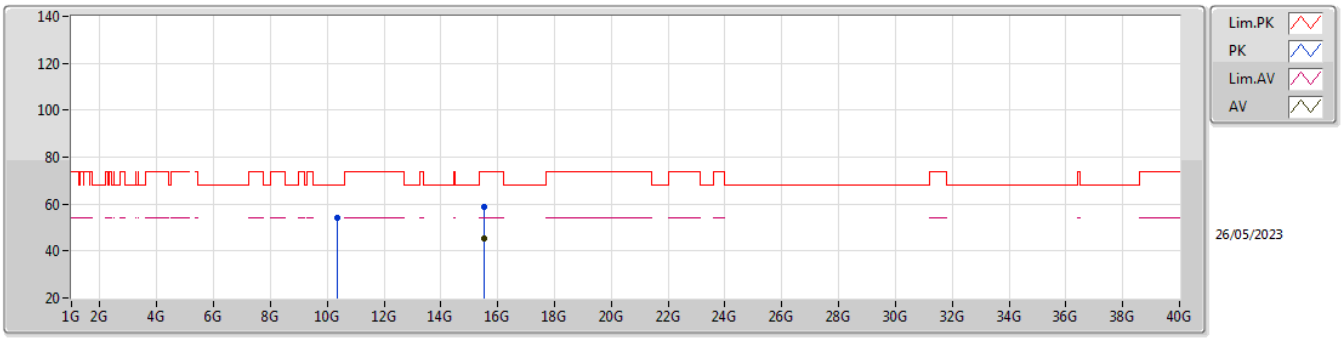


EUT Y_1TX(port 2)
Setting 21
02-F-B-5

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	10.35276G	54.01	68.20	-14.19	38.93	3	Vertical	129	1.49	-	38.49	8.42	31.83
PK	15.53792G	58.66	74.00	-15.34	41.84	3	Vertical	330	2.31	-	37.85	10.32	31.35
AV	15.54704G	45.60	54.00	-8.40	28.82	3	Vertical	330	2.31	-	37.81	10.32	31.35

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

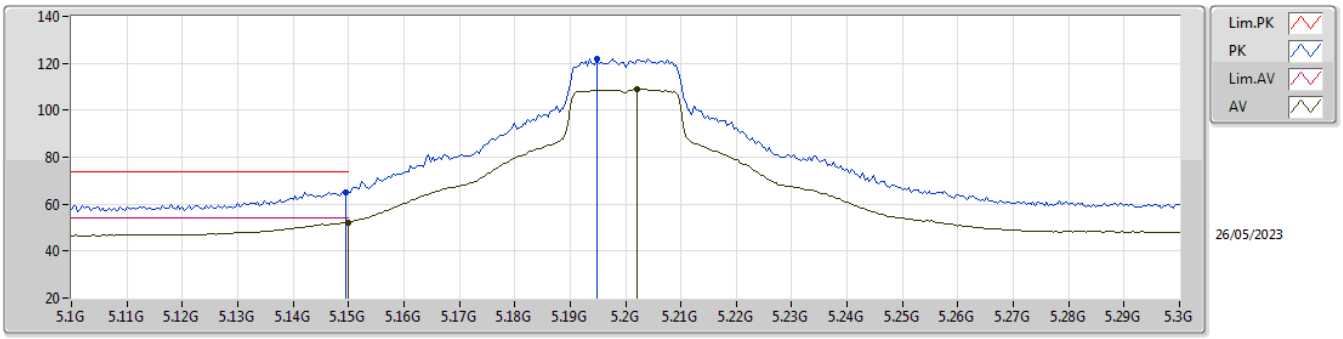


EUT Y_1TX(port 2)
Setting 21
02-F-B-5

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	10.36128G	54.25	68.20	-13.95	39.17	3	Horizontal	12	1.20	-	38.48	8.43	31.83
PK	15.53444G	58.99	74.00	-15.01	42.17	3	Horizontal	99	1.45	-	37.86	10.31	31.35
AV	15.532G	45.54	54.00	-8.46	28.71	3	Horizontal	99	1.45	-	37.87	10.31	31.35

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

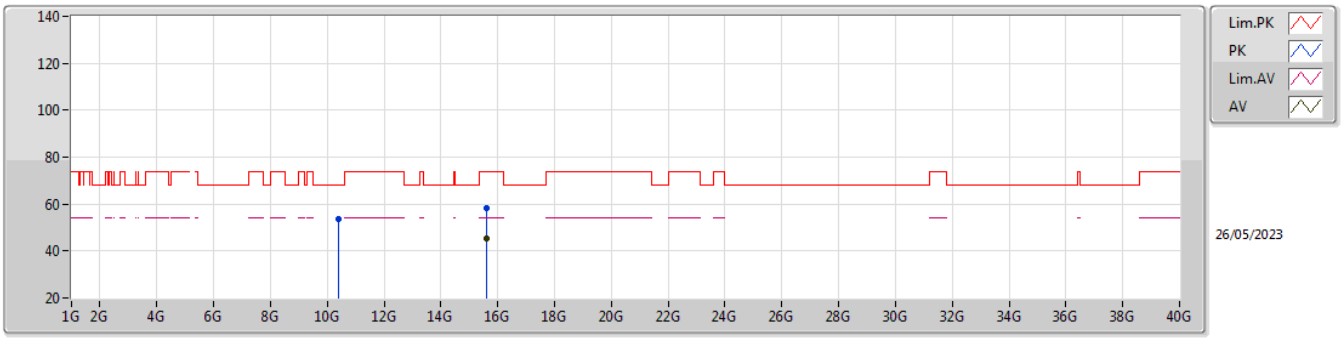


EUT Y_1TX(port 2)
Setting 24.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	65.18	74.00	-8.82	56.54	3	Vertical	-0	1.80	-	33.60	5.77	30.73
AV	5.15G	52.22	54.00	-1.78	43.57	3	Vertical	-0	1.80	-	33.60	5.78	30.73
PK	5.1948G	121.93	Inf	-Inf	113.08	3	Vertical	-0	1.80	-	33.78	5.80	30.73
AV	5.202G	108.85	Inf	-Inf	99.98	3	Vertical	-0	1.80	-	33.80	5.80	30.73

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

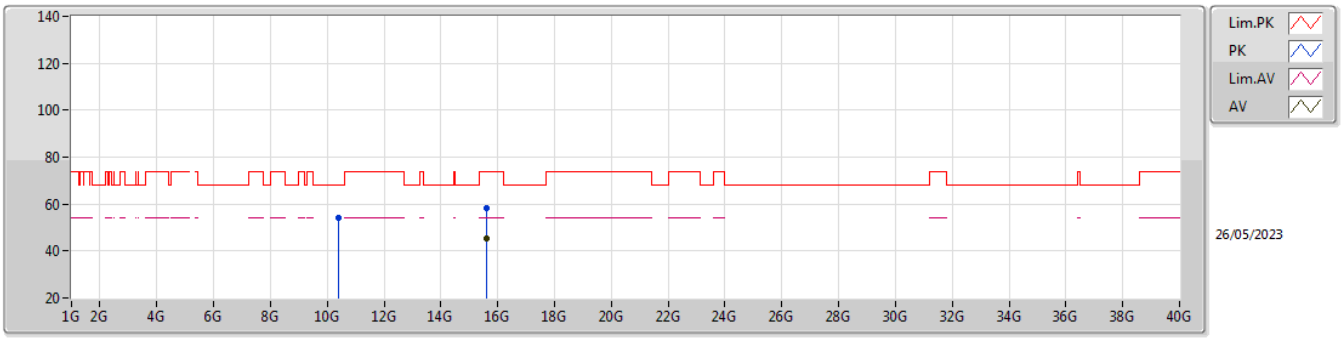


EUT Y_1TX(port 2)
Setting 24.5
02-F-B-5

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	10.40596G	53.76	68.20	-14.44	38.75	3	Vertical	147	1.56	-	38.40	8.44	31.83
PK	15.60016G	58.19	74.00	-15.81	41.53	3	Vertical	54	2.72	-	37.70	10.34	31.38
AV	15.5902G	45.12	54.00	-8.88	28.44	3	Vertical	54	2.72	-	37.72	10.34	31.38

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

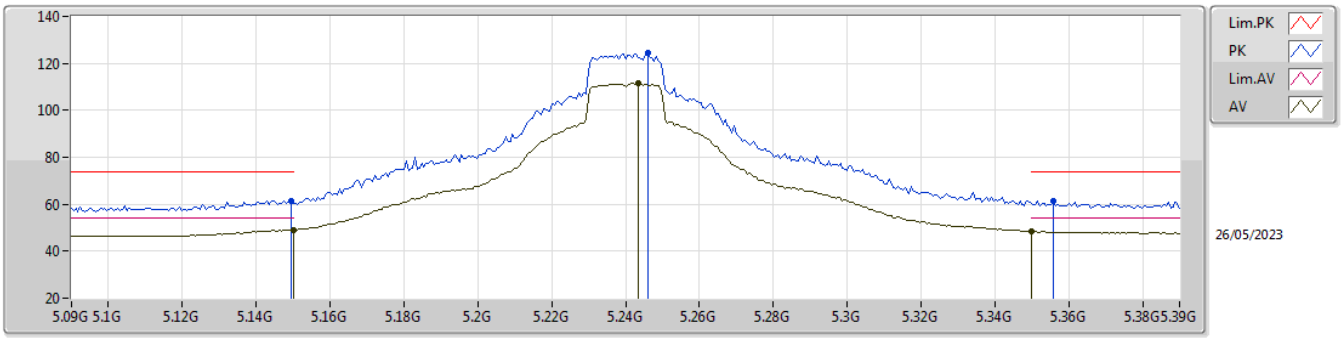


EUT Y_1TX(port 2)
Setting 24.5
02-F-B-5

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	10.40096G	54.10	68.20	-14.10	39.09	3	Horizontal	17	2.38	-	38.40	8.44	31.83
PK	15.59072G	58.36	74.00	-15.64	41.68	3	Horizontal	332	1.49	-	37.72	10.34	31.38
AV	15.59096G	45.12	54.00	-8.88	28.44	3	Horizontal	332	1.49	-	37.72	10.34	31.38

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

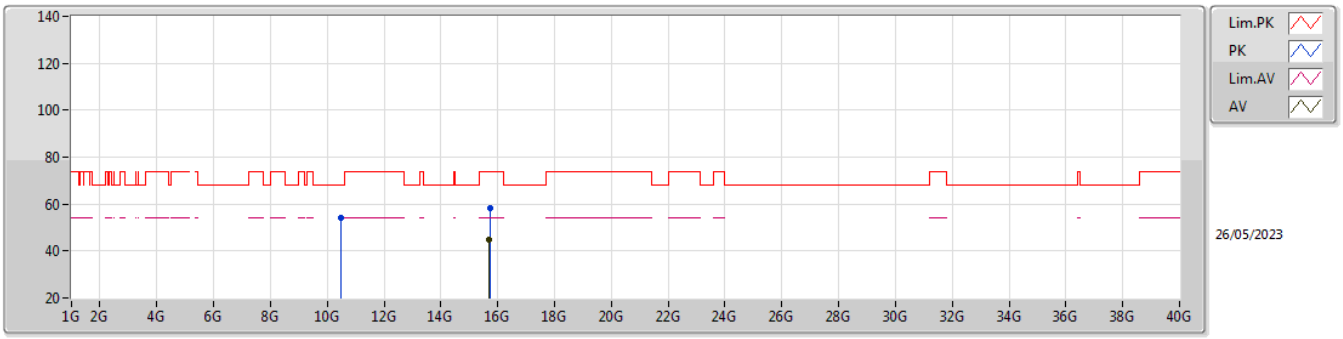


EUT Y_1TX(port 2)
Setting 27
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	61.52	74.00	-12.48	52.88	3	Vertical	360	1.69	-	33.60	5.77	30.73
AV	5.15G	49.12	54.00	-4.88	40.47	3	Vertical	360	1.69	-	33.60	5.78	30.73
PK	5.246G	124.39	Inf	-Inf	115.50	3	Vertical	360	1.69	-	33.80	5.82	30.73
AV	5.2436G	111.61	Inf	-Inf	102.72	3	Vertical	360	1.69	-	33.80	5.82	30.73
PK	5.3558G	61.41	74.00	-12.59	52.25	3	Vertical	360	1.69	-	34.00	5.88	30.72
AV	5.35G	48.43	54.00	-5.57	39.27	3	Vertical	360	1.69	-	34.00	5.88	30.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

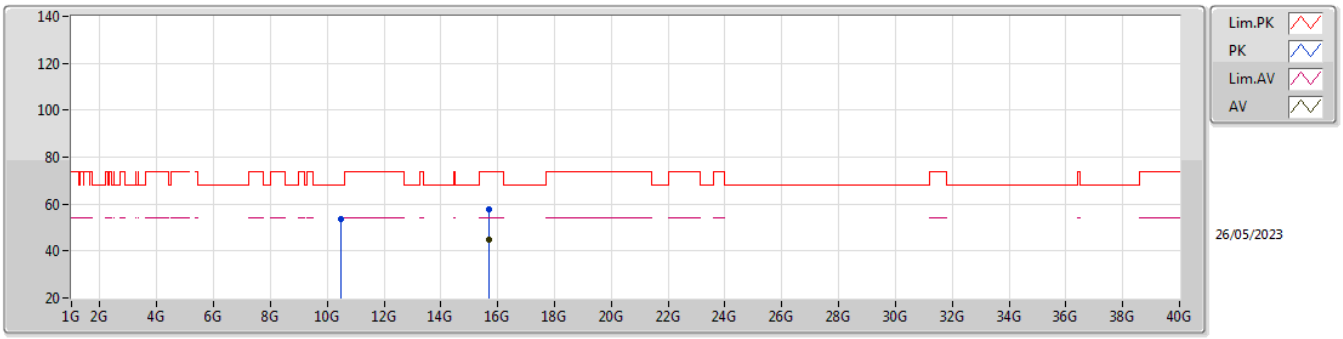


EUT Y_1TX(port 2)
Setting 27
02-F-B-5

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	10.47956G	54.20	68.20	-14.00	39.18	3	Vertical	299	1.58	-	38.40	8.47	31.85
PK	15.72828G	58.14	74.00	-15.86	41.51	3	Vertical	344	1.48	-	37.69	10.39	31.45
AV	15.71144G	44.73	54.00	-9.27	28.04	3	Vertical	344	1.48	-	37.75	10.38	31.44

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

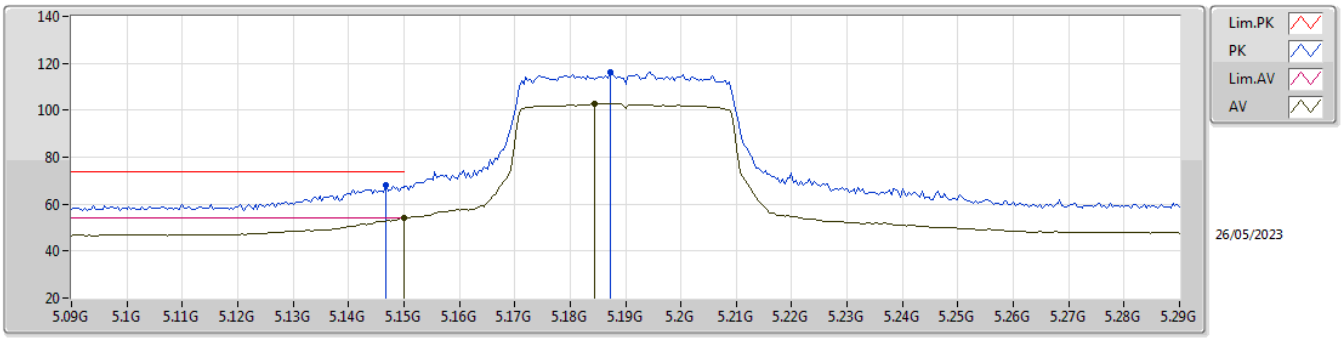


EUT Y_1TX(port 2)
Setting 27
02-F-B-5

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	10.4806G	53.78	68.20	-14.42	38.76	3	Horizontal	340	1.36	-	38.40	8.47	31.85
PK	15.71224G	58.00	74.00	-16.00	41.31	3	Horizontal	194	1.46	-	37.75	10.38	31.44
AV	15.71428G	44.69	54.00	-9.31	28.00	3	Horizontal	194	1.46	-	37.74	10.39	31.44

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

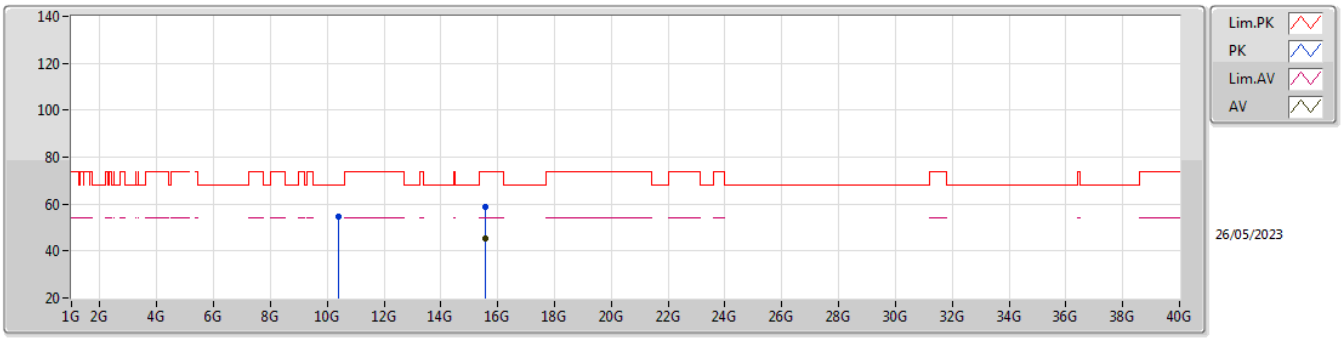


EUT Y_1TX(port 2)
Setting 19.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1468G	68.11	74.00	-5.89	59.48	3	Vertical	359	1.84	-	33.59	5.77	30.73
AV	5.15G	53.98	54.00	-0.02	45.33	3	Vertical	359	1.84	-	33.60	5.78	30.73
PK	5.1872G	116.14	Inf	-Inf	107.33	3	Vertical	359	1.84	-	33.75	5.79	30.73
AV	5.1844G	102.80	Inf	-Inf	94.00	3	Vertical	359	1.84	-	33.74	5.79	30.73

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

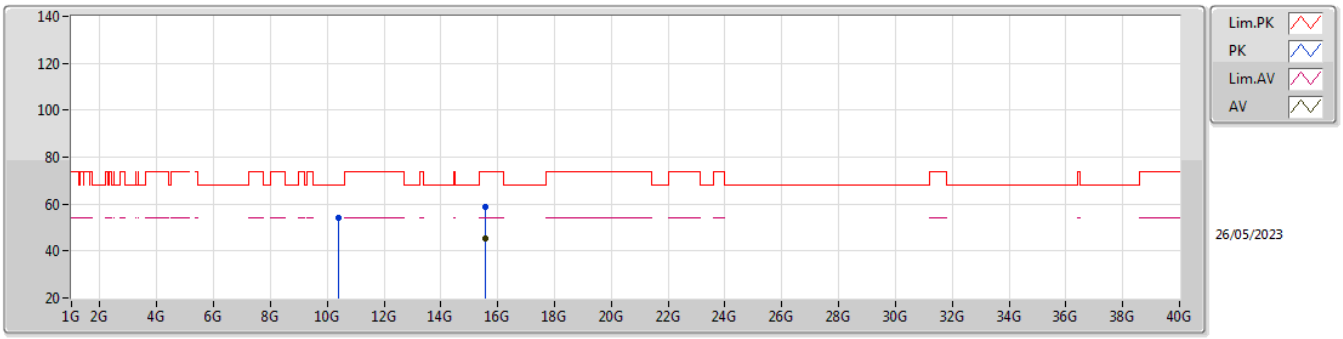


EUT Y_1TX(port 2)
Setting 19.5
02-F-B-5

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	10.3828G	54.53	68.20	-13.67	39.50	3	Vertical	211	1.06	-	38.43	8.43	31.83
PK	15.57092G	58.87	74.00	-15.13	42.15	3	Vertical	224	1.13	-	37.76	10.33	31.37
AV	15.56024G	45.54	54.00	-8.46	28.80	3	Vertical	224	1.13	-	37.78	10.32	31.36

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

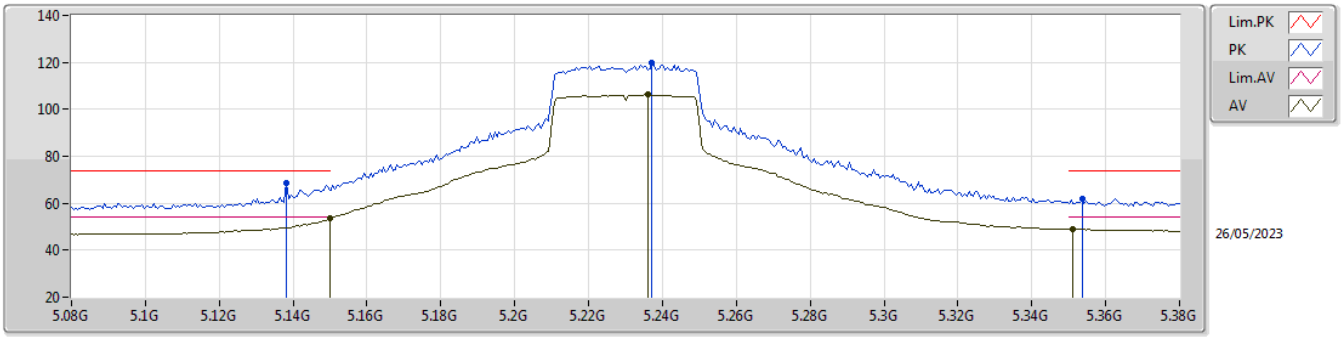


EUT Y_1TX(port 2)
Setting 19.5
02-F-B-5

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	10.37968G	53.89	68.20	-14.31	38.85	3	Horizontal	339	2.82	-	38.44	8.43	31.83
PK	15.56504G	58.60	74.00	-15.40	41.86	3	Horizontal	231	2.38	-	37.77	10.33	31.36
AV	15.56496G	45.43	54.00	-8.57	28.69	3	Horizontal	231	2.38	-	37.77	10.33	31.36

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

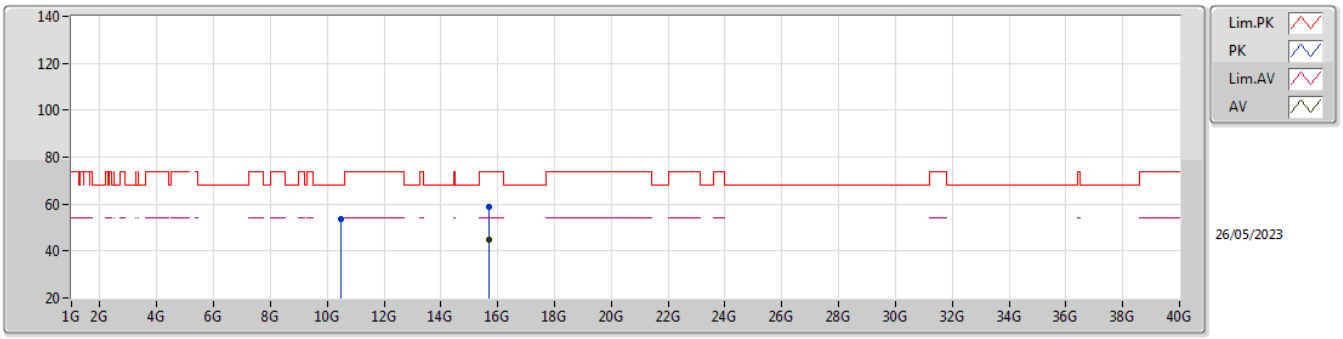


EUT Y_1TX(port 2)
Setting 23.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1382G	68.80	74.00	-5.20	60.18	3	Vertical	359	1.80	-	33.58	5.77	30.73
AV	5.15G	53.48	54.00	-0.52	44.84	3	Vertical	359	1.80	-	33.60	5.77	30.73
PK	5.2372G	119.62	Inf	-Inf	110.73	3	Vertical	359	1.80	-	33.80	5.82	30.73
AV	5.236G	106.18	Inf	-Inf	97.29	3	Vertical	359	1.80	-	33.80	5.82	30.73
PK	5.3536G	61.88	74.00	-12.12	52.72	3	Vertical	359	1.80	-	34.00	5.88	30.72
AV	5.3512G	48.98	54.00	-5.02	39.82	3	Vertical	359	1.80	-	34.00	5.88	30.72

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

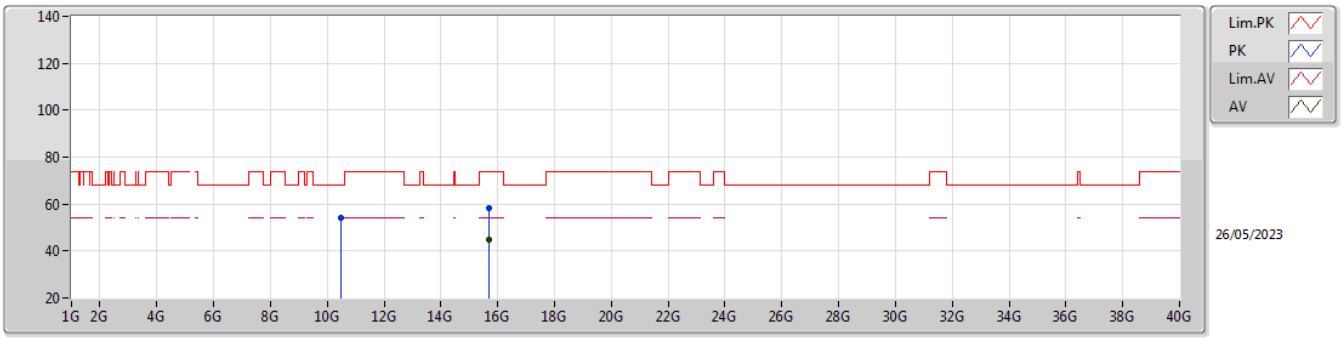


EUT Y_1TX(port 2)
Setting 23.5
02-F-B-5

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	10.4672G	53.77	68.20	-14.43	38.75	3	Vertical	204	1.62	-	38.40	8.46	31.84
PK	15.69672G	58.57	74.00	-15.43	41.83	3	Vertical	302	1.66	-	37.79	10.38	31.43
AV	15.68208G	44.92	54.00	-9.08	28.21	3	Vertical	302	1.66	-	37.76	10.37	31.42

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

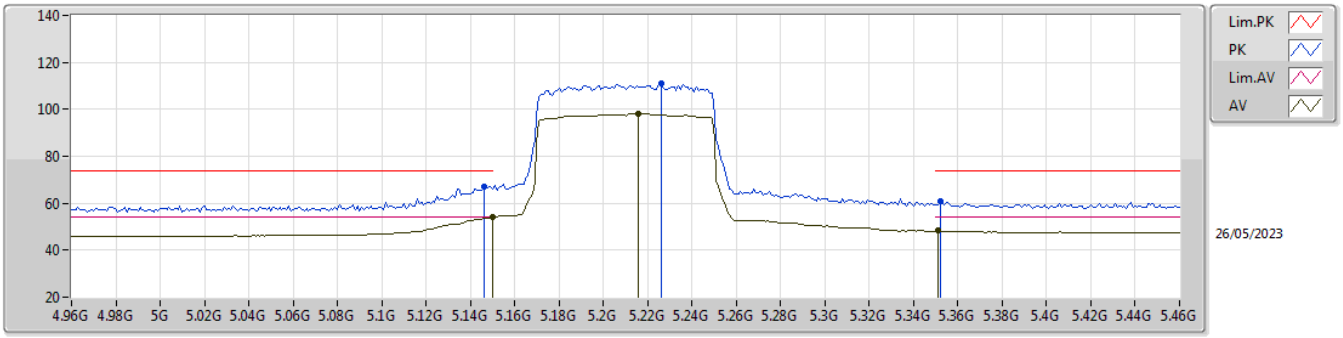


EUT Y_1TX(port 2)
Setting 23.5
02-F-B-5

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	10.46908G	54.28	68.20	-13.92	39.27	3	Horizontal	146	1.25	-	38.40	8.46	31.85
PK	15.69896G	58.14	74.00	-15.86	41.39	3	Horizontal	235	2.80	-	37.80	10.38	31.43
AV	15.69904G	44.89	54.00	-9.11	28.14	3	Horizontal	235	2.80	-	37.80	10.38	31.43

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

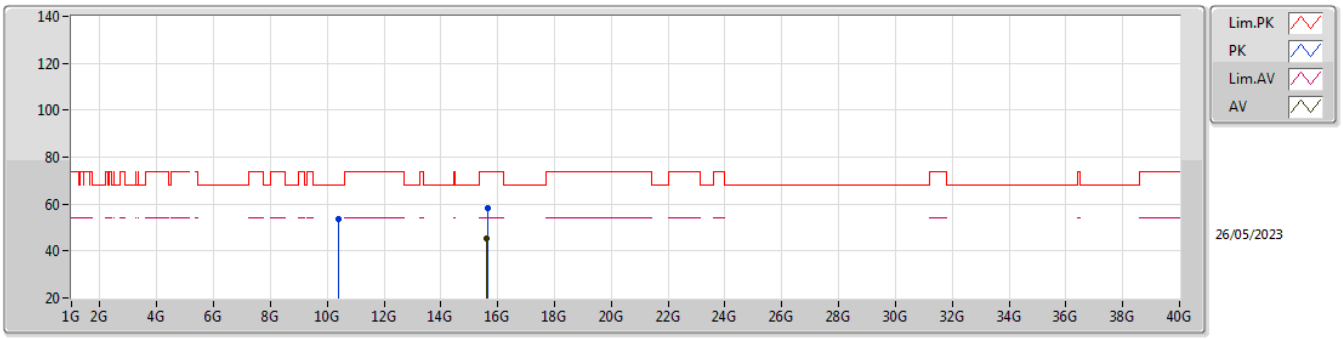


EUT Y_1TX(port 2)
Setting 18.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	67.11	74.00	-6.89	58.48	3	Vertical	360	1.80	-	33.59	5.77	30.73
AV	5.15G	53.96	54.00	-0.04	45.31	3	Vertical	360	1.80	-	33.60	5.78	30.73
PK	5.226G	111.07	Inf	-Inf	102.19	3	Vertical	360	1.80	-	33.80	5.81	30.73
AV	5.216G	98.24	Inf	-Inf	89.36	3	Vertical	360	1.80	-	33.80	5.81	30.73
PK	5.352G	60.70	74.00	-13.30	51.54	3	Vertical	360	1.80	-	34.00	5.88	30.72
AV	5.351G	48.23	54.00	-5.77	39.07	3	Vertical	360	1.80	-	34.00	5.88	30.72

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

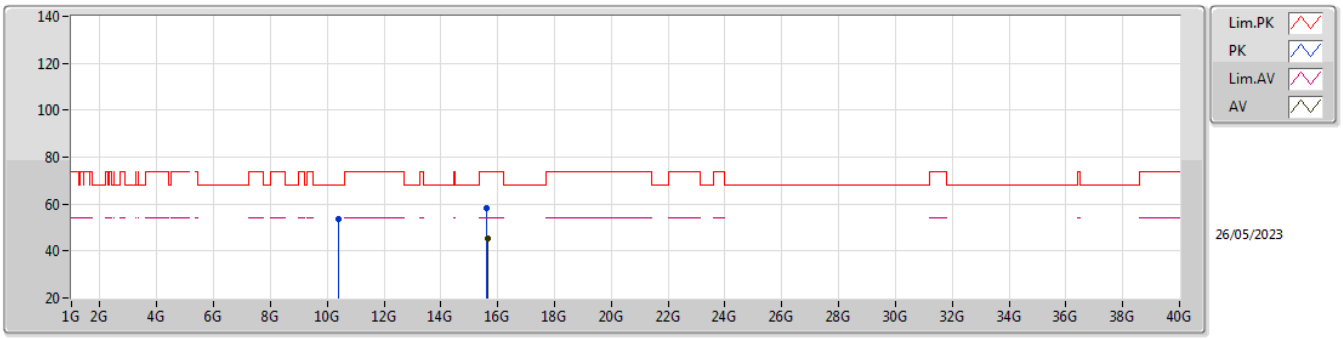


EUT Y_1TX(port 2)
Setting 18.5
02-F-B-5

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	10.41488G	53.47	68.20	-14.73	38.46	3	Vertical	20	2.72	-	38.40	8.45	31.84
PK	15.63492G	58.25	74.00	-15.75	41.60	3	Vertical	122	2.14	-	37.70	10.35	31.40
AV	15.62272G	45.20	54.00	-8.80	28.54	3	Vertical	122	2.14	-	37.70	10.35	31.39

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

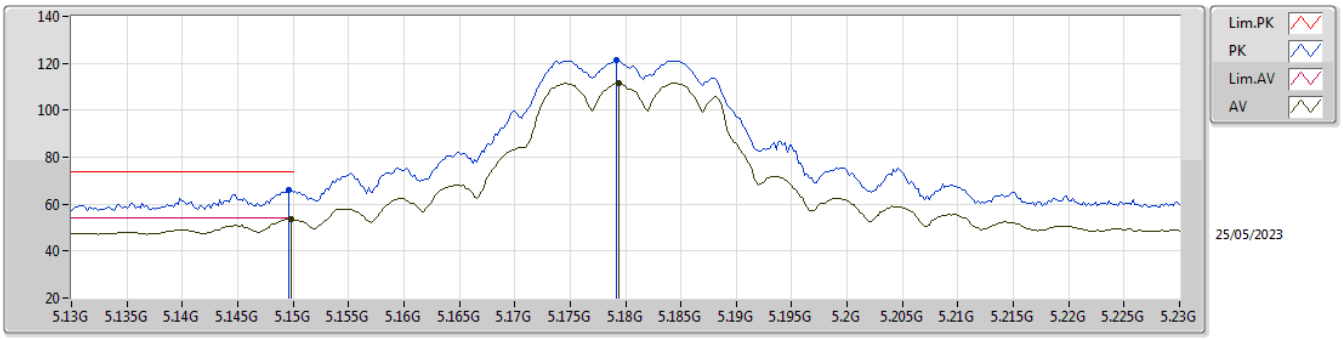


EUT Y_1TX(port 2)
Setting 18.5
02-F-B-5

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	10.41296G	53.58	68.20	-14.62	38.58	3	Horizontal	230	2.72	-	38.40	8.44	31.84
PK	15.62012G	58.13	74.00	-15.87	41.47	3	Horizontal	293	2.52	-	37.70	10.35	31.39
AV	15.6324G	45.23	54.00	-8.77	28.58	3	Horizontal	293	2.52	-	37.70	10.35	31.40

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

5180MHz_TX

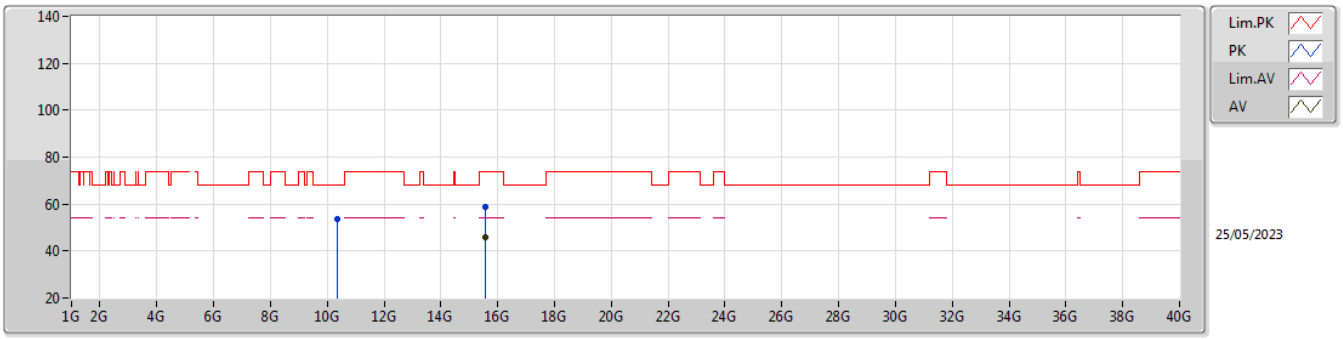


EUT Y_2TX
Setting 20.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	66.05	74.00	-7.95	57.41	3	Vertical	336	1.60	-	33.60	5.77	30.73
AV	5.1498G	53.48	54.00	-0.52	44.84	3	Vertical	336	1.60	-	33.60	5.77	30.73
PK	5.1792G	121.30	Inf	-Inf	112.52	3	Vertical	336	1.60	-	33.72	5.79	30.73
AV	5.1794G	111.41	Inf	-Inf	102.63	3	Vertical	336	1.60	-	33.72	5.79	30.73

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

5180MHz_TX

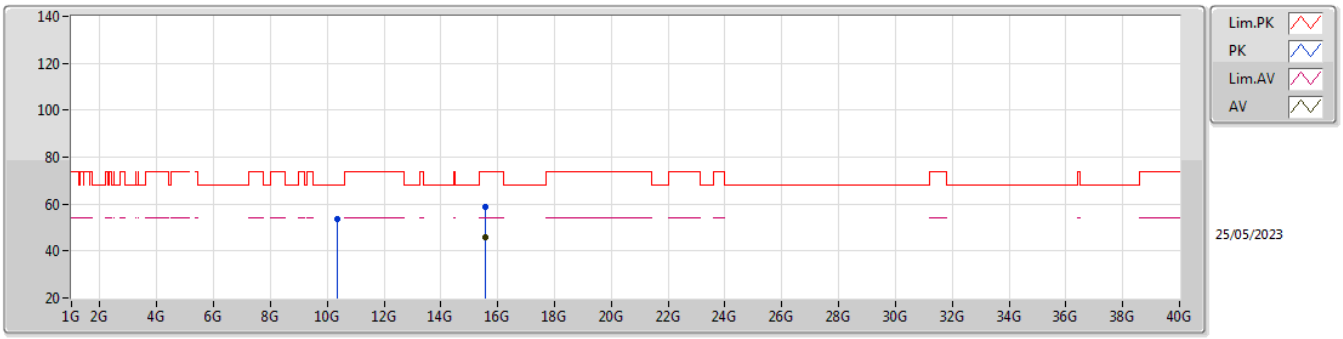


EUT Y_2TX
Setting 20.5
02-F-B-5

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	10.3717G	53.59	68.20	-14.61	38.53	3	Vertical	266	2.83	-	38.46	8.43	31.83
PK	15.5541G	58.90	74.00	-15.10	42.15	3	Vertical	79	2.40	-	37.79	10.32	31.36
AV	15.54858G	46.12	54.00	-7.88	29.35	3	Vertical	79	2.40	-	37.81	10.32	31.36

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

5180MHz_TX

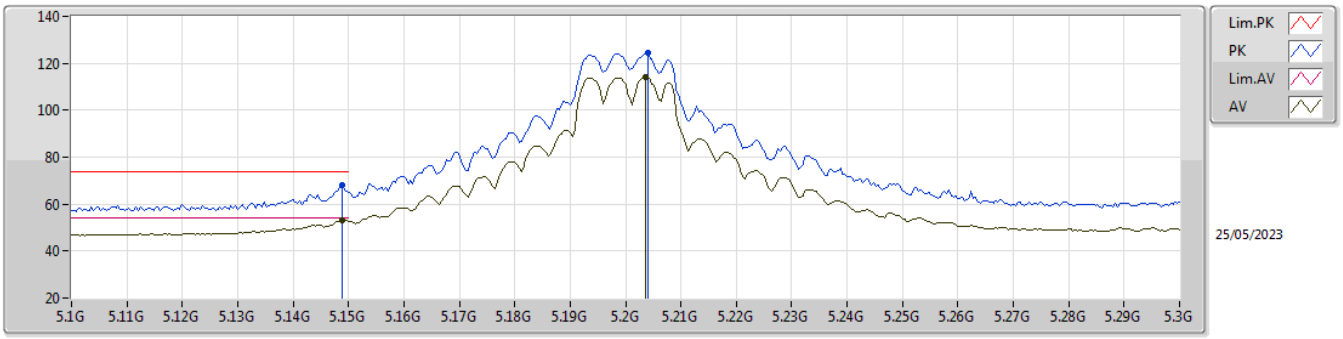


EUT Y_2TX
Setting 20.5
02-F-B-5

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	10.36426G	53.52	68.20	-14.68	38.45	3	Horizontal	103	1.96	-	38.47	8.43	31.83
PK	15.55404G	58.76	74.00	-15.24	42.01	3	Horizontal	332	1.59	-	37.79	10.32	31.36
AV	15.54642G	46.09	54.00	-7.91	29.31	3	Horizontal	332	1.59	-	37.81	10.32	31.35

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

5200MHz_TX

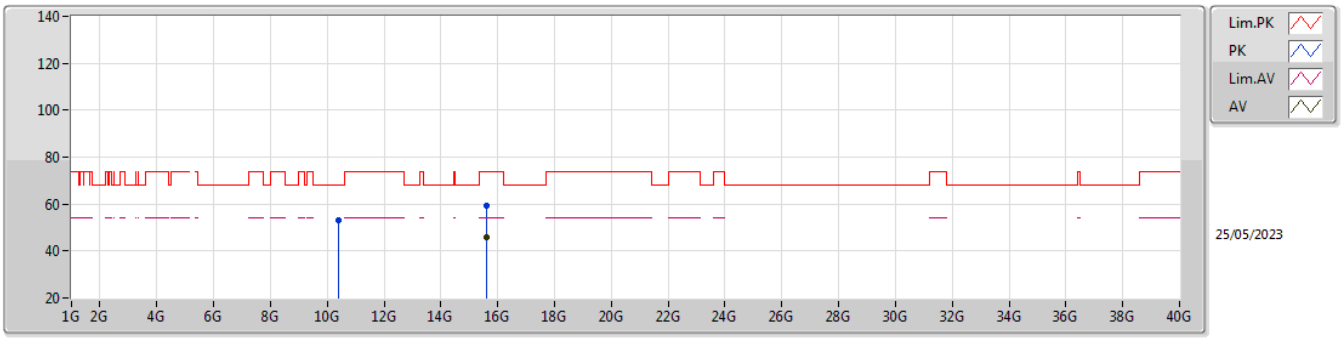


EUT Y_2TX
Setting 23.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	68.35	74.00	-5.65	59.71	3	Vertical	332	1.46	-	33.60	5.77	30.73
AV	5.1488G	53.09	54.00	-0.91	44.45	3	Vertical	332	1.46	-	33.60	5.77	30.73
PK	5.204G	124.34	Inf	-Inf	115.47	3	Vertical	332	1.46	-	33.80	5.80	30.73
AV	5.2036G	114.25	Inf	-Inf	105.38	3	Vertical	332	1.46	-	33.80	5.80	30.73

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

5200MHz_TX

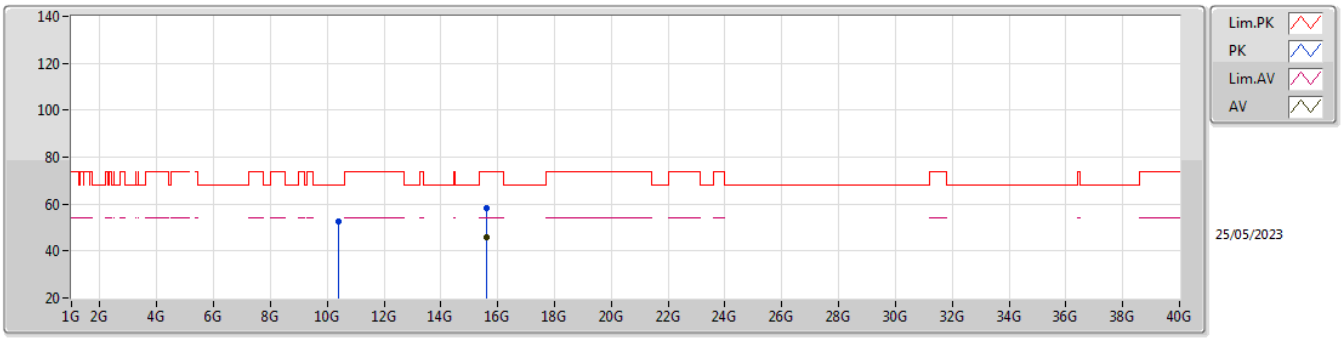


EUT Y_2TX
Setting 23.5
02-F-B-5

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	10.38848G	53.09	68.20	-15.11	38.06	3	Vertical	128	2.87	-	38.42	8.44	31.83
PK	15.58884G	59.40	74.00	-14.60	42.72	3	Vertical	307.3	1.80	-	37.72	10.34	31.38
AV	15.59676G	45.91	54.00	-8.09	29.24	3	Vertical	307.3	1.80	-	37.71	10.34	31.38

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

5200MHz_TX

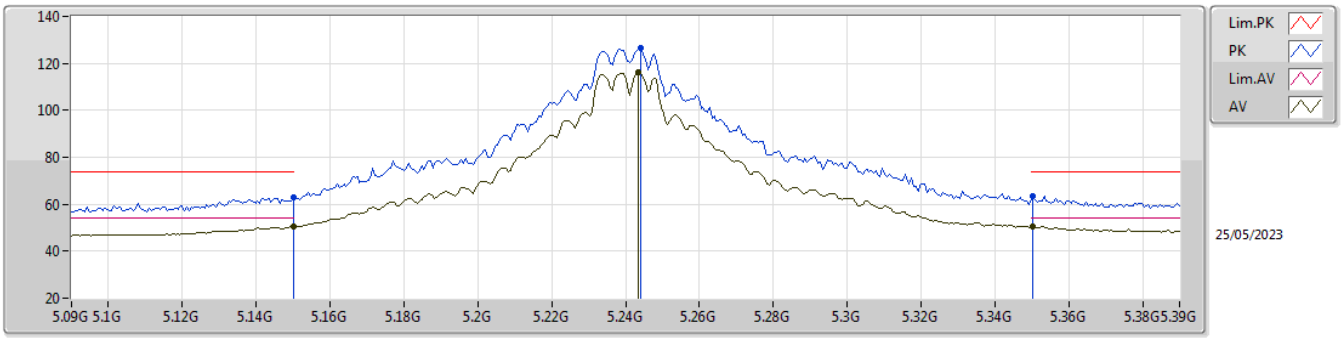


EUT Y_2TX
Setting 23.5
02-F-B-5

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	10.40894G	52.53	68.20	-15.67	37.53	3	Horizontal	318	2.78	-	38.40	8.44	31.84
PK	15.59328G	58.44	74.00	-15.56	41.77	3	Horizontal	138	2.28	-	37.71	10.34	31.38
AV	15.60588G	45.81	54.00	-8.19	29.16	3	Horizontal	138	2.28	-	37.70	10.34	31.39

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

5240MHz_TX

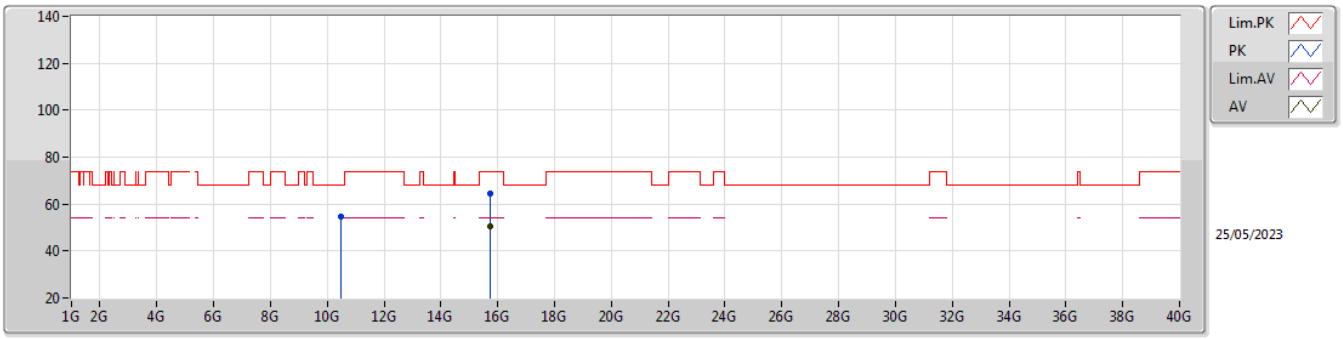


EUT Y_2TX
Setting 25
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	62.86	74.00	-11.14	54.21	3	Vertical	308	1.59	-	33.60	5.78	30.73
AV	5.15G	50.56	54.00	-3.44	41.91	3	Vertical	308	1.59	-	33.60	5.78	30.73
PK	5.2442G	126.37	Inf	-Inf	117.48	3	Vertical	308	1.59	-	33.80	5.82	30.73
AV	5.2436G	116.17	Inf	-Inf	107.28	3	Vertical	308	1.59	-	33.80	5.82	30.73
PK	5.3504G	63.67	74.00	-10.33	54.51	3	Vertical	308	1.59	-	34.00	5.88	30.72
AV	5.3504G	50.58	54.00	-3.42	41.42	3	Vertical	308	1.59	-	34.00	5.88	30.72

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

5240MHz_TX

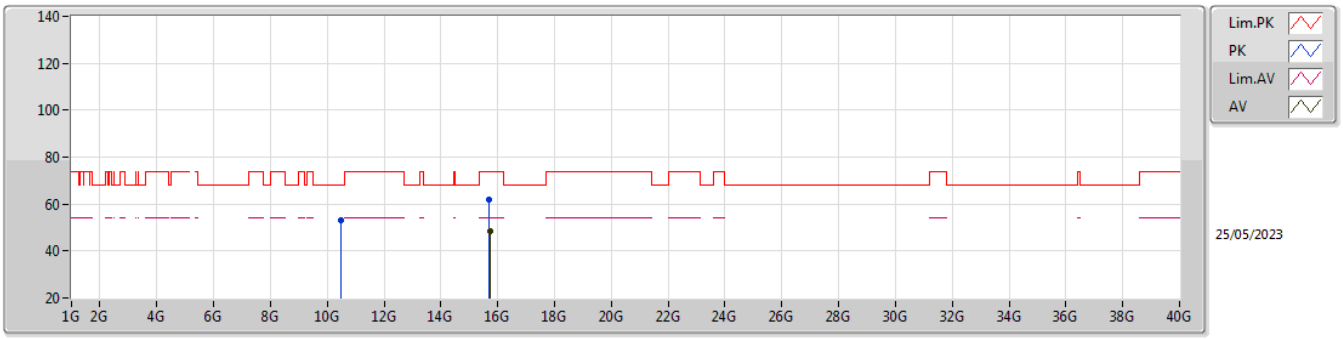


EUT Y_2TX
Setting 25
02-F-B-5

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	10.48009G	54.87	68.20	-13.33	39.85	3	Vertical	26	1.93	-	38.40	8.47	31.85
PK	15.7242G	64.45	74.00	-9.55	47.81	3	Vertical	329	1.79	-	37.70	10.39	31.45
AV	15.72294G	50.59	54.00	-3.41	33.94	3	Vertical	329	1.79	-	37.71	10.39	31.45

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

5240MHz_TX

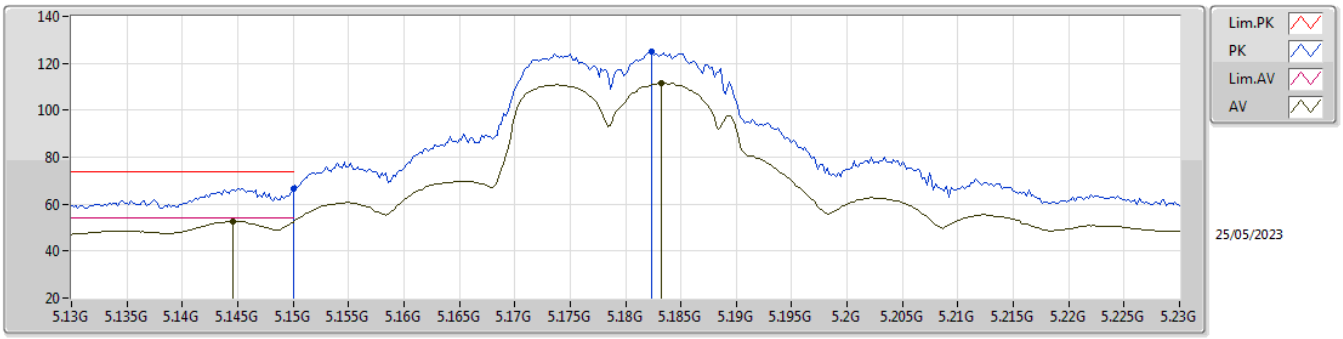


EUT Y_2TX
Setting 25
02-F-B-5

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	10.46746G	52.92	68.20	-15.28	37.90	3	Horizontal	182	2.56	-	38.40	8.46	31.84
PK	15.71514G	62.08	74.00	-11.92	45.39	3	Horizontal	334	2.42	-	37.74	10.39	31.44
AV	15.72024G	48.56	54.00	-5.44	31.89	3	Horizontal	334	2.42	-	37.72	10.39	31.44

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

5180MHz_TX

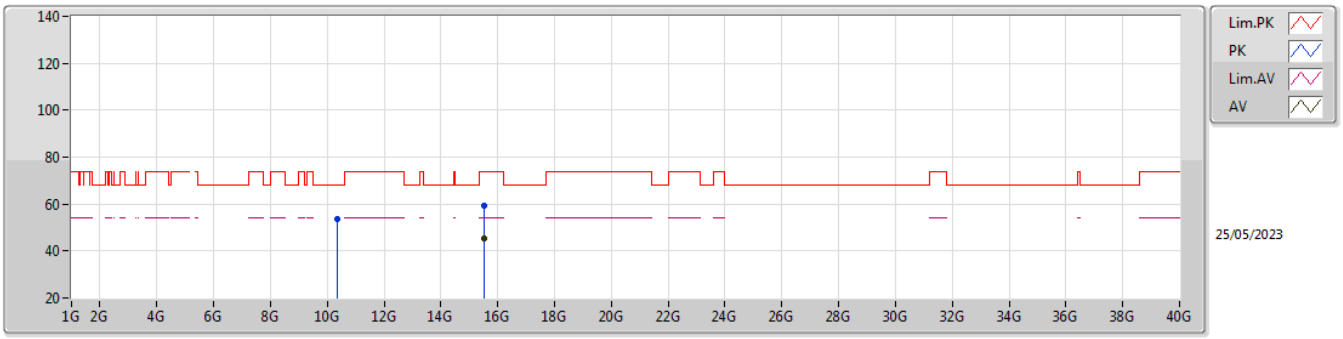


EUT Y_2TX
Setting 21
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.57	74.00	-7.43	57.92	3	Vertical	335	1.60	-	33.60	5.78	30.73
AV	5.1446G	52.57	54.00	-1.43	43.94	3	Vertical	335	1.60	-	33.59	5.77	30.73
PK	5.1824G	124.97	Inf	-Inf	116.18	3	Vertical	335	1.60	-	33.73	5.79	30.73
AV	5.1832G	111.46	Inf	-Inf	102.67	3	Vertical	335	1.60	-	33.73	5.79	30.73

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

5180MHz_TX

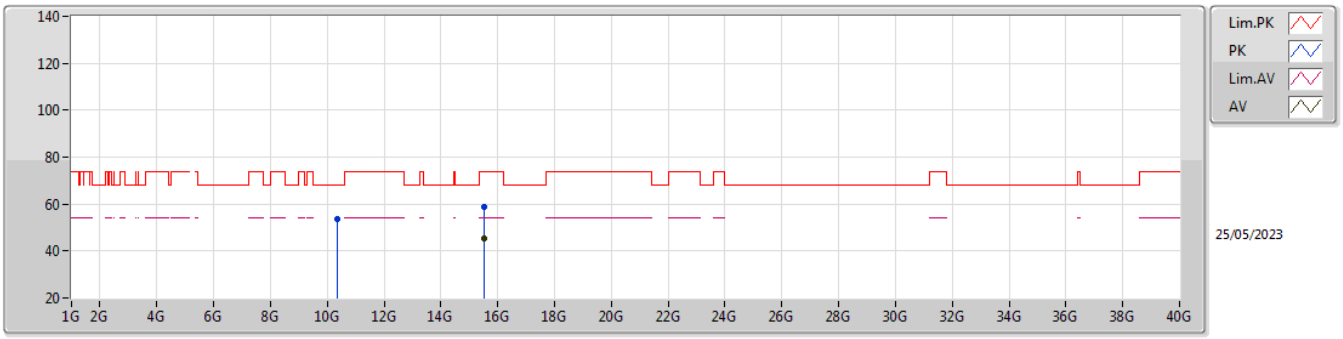


EUT Y_2TX
Setting 21
02-F-B-5

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	10.36668G	53.57	68.20	-14.63	38.50	3	Vertical	56	2.02	-	38.47	8.43	31.83
PK	15.53088G	59.06	74.00	-14.94	42.22	3	Vertical	109	1.92	-	37.88	10.31	31.35
AV	15.53372G	45.49	54.00	-8.51	28.66	3	Vertical	109	1.92	-	37.87	10.31	31.35

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

5180MHz_TX

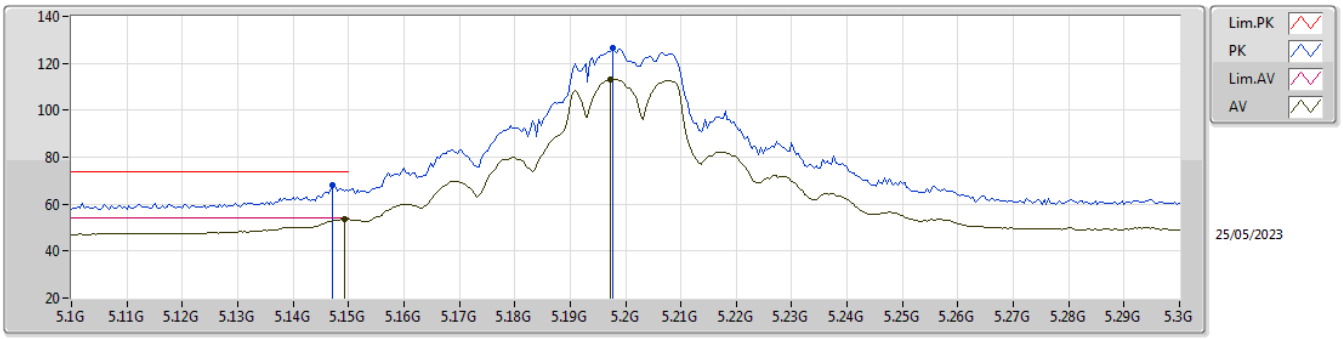


EUT Y_2TX
Setting 21
02-F-B-5

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	10.36272G	53.55	68.20	-14.65	38.48	3	Horizontal	305	2.98	-	38.47	8.43	31.83
PK	15.5374G	59.05	74.00	-14.95	42.24	3	Horizontal	138	1.83	-	37.85	10.31	31.35
AV	15.53656G	45.47	54.00	-8.53	28.66	3	Horizontal	138	1.83	-	37.85	10.31	31.35

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

5200MHz_TX

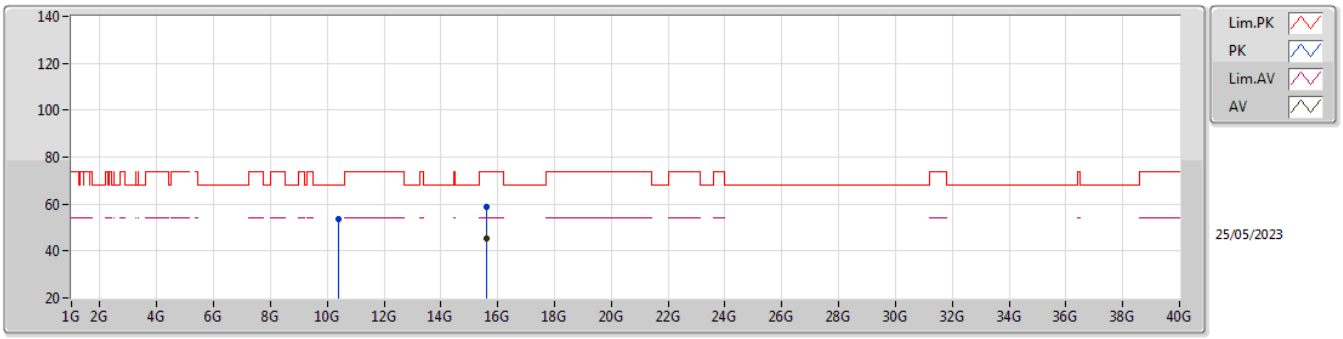


EUT Y_2TX
Setting 23.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	68.31	74.00	-5.69	59.68	3	Vertical	334	1.60	-	33.59	5.77	30.73
AV	5.1492G	53.77	54.00	-0.23	45.13	3	Vertical	334	1.60	-	33.60	5.77	30.73
PK	5.1976G	126.38	Inf	-Inf	117.52	3	Vertical	334	1.60	-	33.79	5.80	30.73
AV	5.1972G	112.95	Inf	-Inf	104.09	3	Vertical	334	1.60	-	33.79	5.80	30.73

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

5200MHz_TX

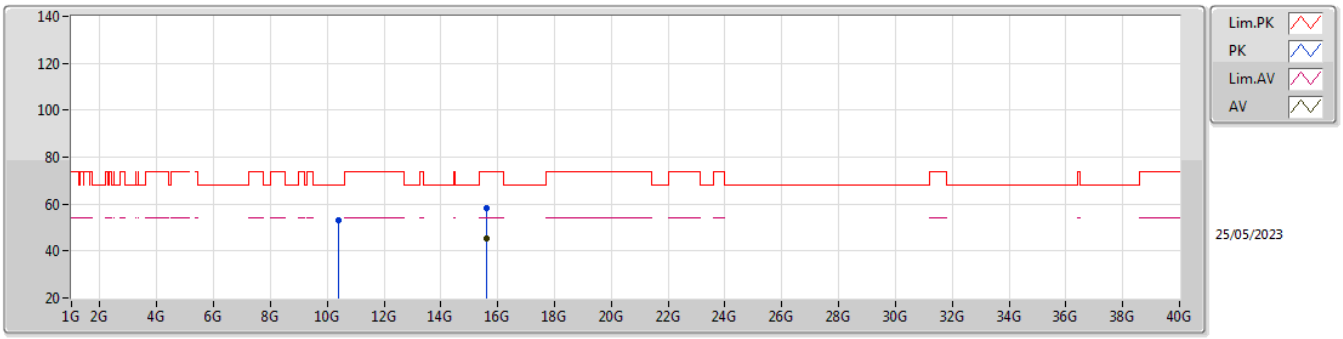


EUT Y_2TX
Setting 23.5
02-F-B-5

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	10.40112G	53.53	68.20	-14.67	38.52	3	Vertical	143	1.13	-	38.40	8.44	31.83
PK	15.605G	58.59	74.00	-15.41	41.93	3	Vertical	57	1.42	-	37.70	10.34	31.38
AV	15.60592G	45.27	54.00	-8.73	28.62	3	Vertical	57	1.42	-	37.70	10.34	31.39

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

5200MHz_TX

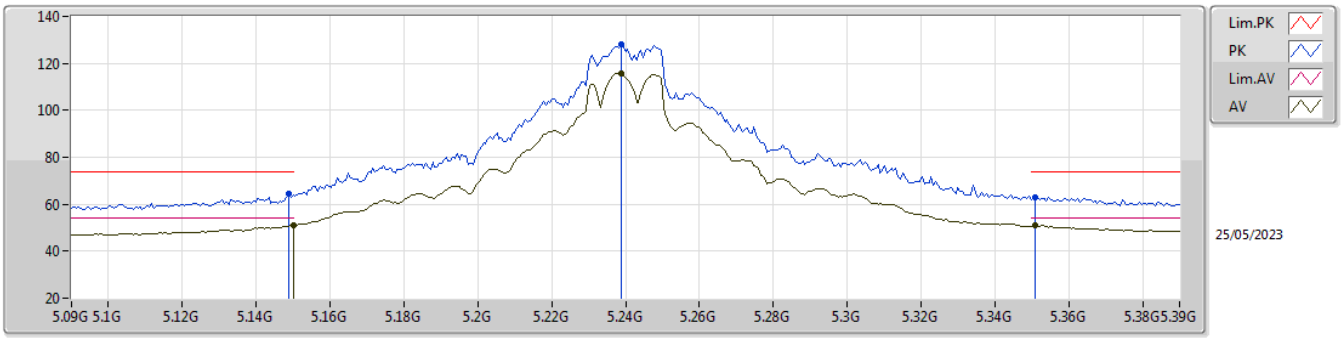


EUT Y_2TX
Setting 23.5
02-F-B-5

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	10.39336G	52.89	68.20	-15.31	37.87	3	Horizontal	54	2.93	-	38.41	8.44	31.83
PK	15.60096G	58.42	74.00	-15.58	41.76	3	Horizontal	203	1.82	-	37.70	10.34	31.38
AV	15.59156G	45.23	54.00	-8.77	28.55	3	Horizontal	203	1.82	-	37.72	10.34	31.38

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

5240MHz_TX

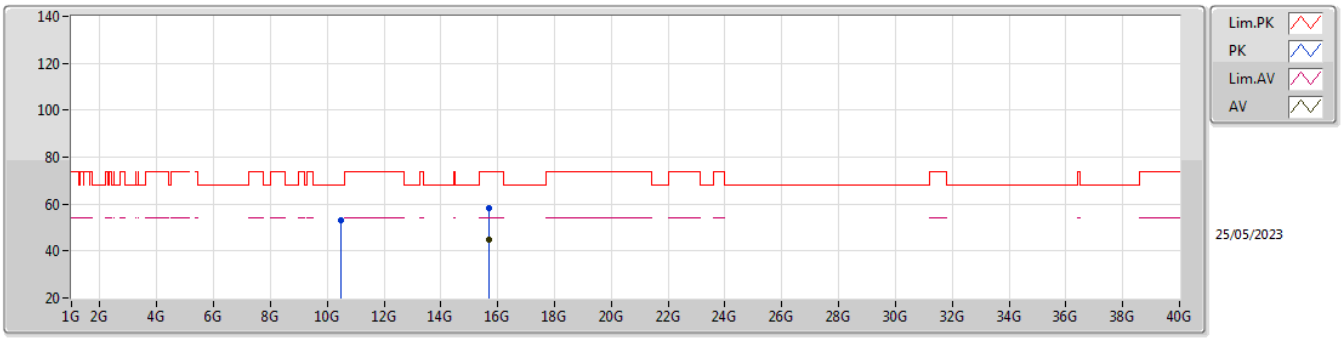


EUT Y_2TX
Setting 25
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	64.62	74.00	-9.38	55.98	3	Vertical	336	1.56	-	33.60	5.77	30.73
AV	5.15G	51.00	54.00	-3.00	42.35	3	Vertical	336	1.56	-	33.60	5.78	30.73
PK	5.2388G	127.93	Inf	-Inf	119.04	3	Vertical	336	1.56	-	33.80	5.82	30.73
AV	5.2388G	115.76	Inf	-Inf	106.87	3	Vertical	336	1.56	-	33.80	5.82	30.73
PK	5.351G	62.93	74.00	-11.07	53.77	3	Vertical	336	1.56	-	34.00	5.88	30.72
AV	5.351G	50.80	54.00	-3.20	41.64	3	Vertical	336	1.56	-	34.00	5.88	30.72

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

5240MHz_TX

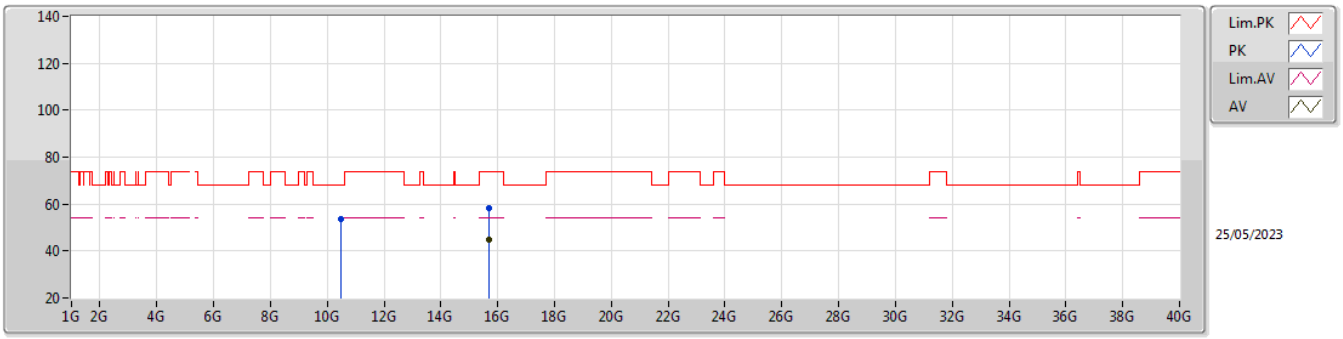


EUT Y_2TX
Setting 25
02-F-B-5

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	10.48276G	53.06	68.20	-15.14	38.04	3	Vertical	59	2.39	-	38.40	8.47	31.85
PK	15.71012G	58.17	74.00	-15.83	41.47	3	Vertical	71	2.45	-	37.76	10.38	31.44
AV	15.71504G	44.74	54.00	-9.26	28.05	3	Vertical	71	2.45	-	37.74	10.39	31.44

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

5240MHz_TX

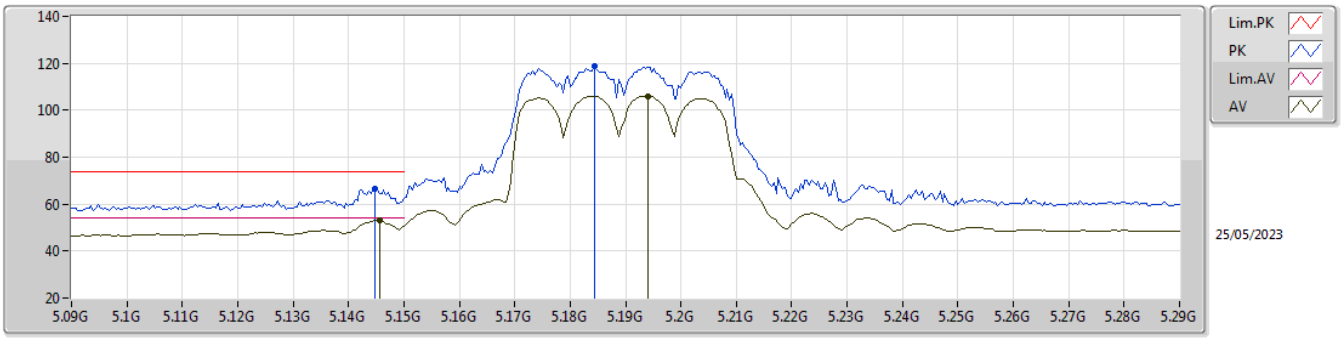


EUT Y_2TX
Setting 25
02-F-B-5

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	10.4876G	53.74	68.20	-14.46	38.72	3	Horizontal	101	1.93	-	38.40	8.47	31.85
PK	15.71176G	58.14	74.00	-15.86	41.45	3	Horizontal	155	1.60	-	37.75	10.38	31.44
AV	15.71068G	44.80	54.00	-9.20	28.10	3	Horizontal	155	1.60	-	37.76	10.38	31.44

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

5190MHz_TX

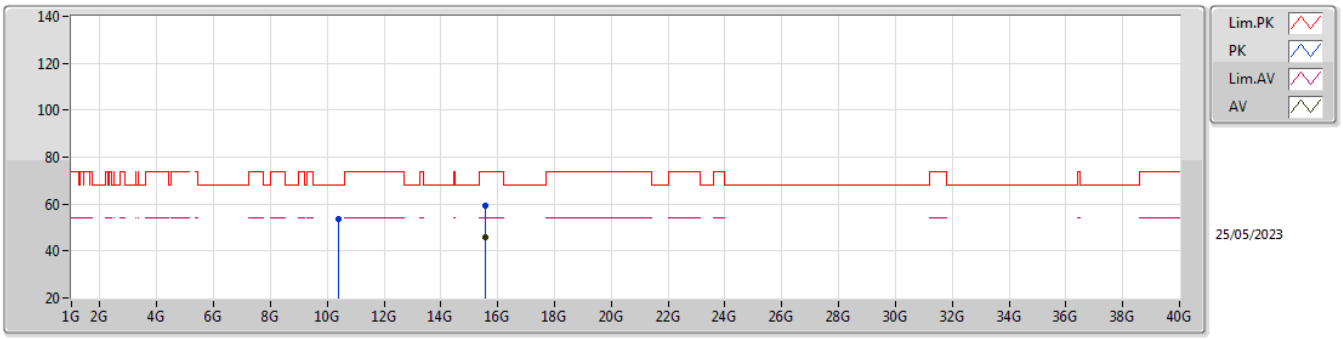


EUT Y_2TX
Setting 18.5
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1448G	66.57	74.00	-7.43	57.94	3	Vertical	336	1.58	-	33.59	5.77	30.73
AV	5.1456G	53.18	54.00	-0.82	44.55	3	Vertical	336	1.58	-	33.59	5.77	30.73
PK	5.1844G	118.91	Inf	-Inf	110.11	3	Vertical	336	1.58	-	33.74	5.79	30.73
AV	5.194G	106.12	Inf	-Inf	97.27	3	Vertical	336	1.58	-	33.78	5.80	30.73

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

5190MHz_TX

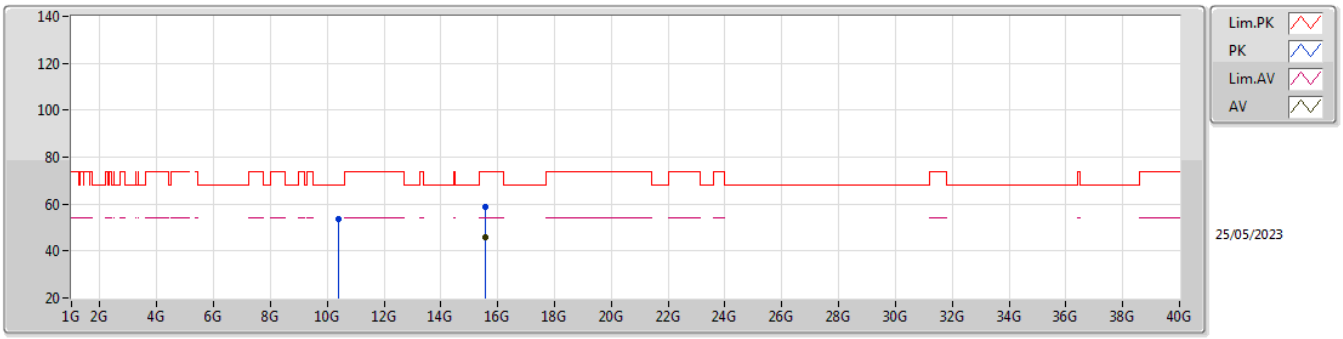


EUT Y_2TX
Setting 18.5
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37898G	53.57	68.20	-14.63	38.53	3	Vertical	21	2.68	-	38.44	8.43	31.83
PK	15.56664G	59.21	74.00	-14.79	42.47	3	Vertical	21	1.80	-	37.77	10.33	31.36
AV	15.55686G	45.78	54.00	-8.22	29.03	3	Vertical	21	1.80	-	37.79	10.32	31.36

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

5190MHz_TX

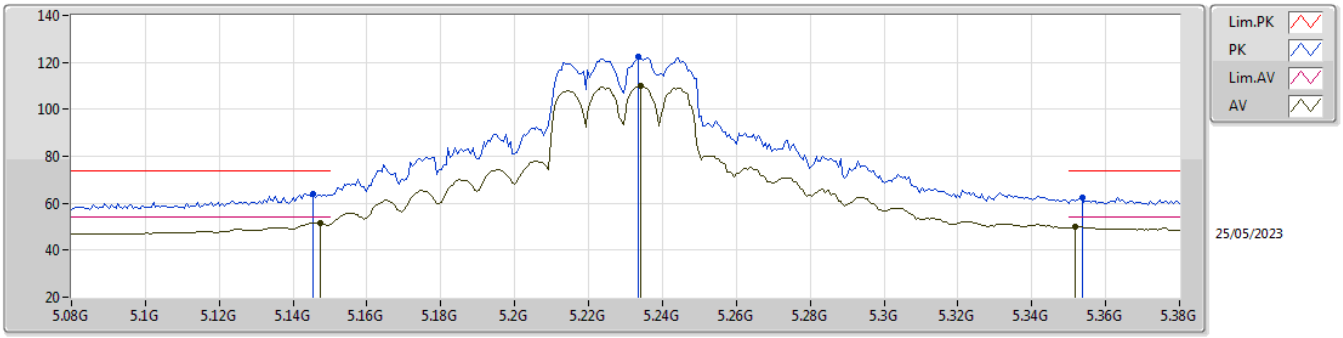


EUT Y_2TX
Setting 18.5
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38288G	53.53	68.20	-14.67	38.50	3	Horizontal	0	1.70	-	38.43	8.43	31.83
PK	15.56526G	59.03	74.00	-14.97	42.29	3	Horizontal	47	2.34	-	37.77	10.33	31.36
AV	15.5619G	45.76	54.00	-8.24	29.02	3	Horizontal	47	2.34	-	37.78	10.32	31.36

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

5230MHz_TX

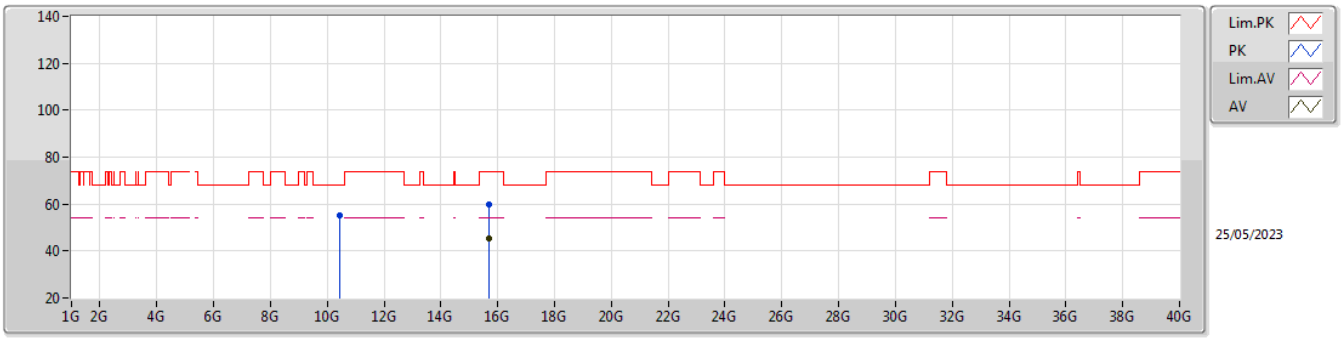


EUT Y_2TX
Setting 22
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1454G	63.86	74.00	-10.14	55.23	3	Vertical	337	1.60	-	33.59	5.77	30.73
AV	5.1472G	51.61	54.00	-2.39	42.98	3	Vertical	337	1.60	-	33.59	5.77	30.73
PK	5.2336G	122.66	Inf	-Inf	113.77	3	Vertical	337	1.60	-	33.80	5.82	30.73
AV	5.2342G	109.87	Inf	-Inf	100.98	3	Vertical	337	1.60	-	33.80	5.82	30.73
PK	5.3536G	62.36	74.00	-11.64	53.20	3	Vertical	337	1.60	-	34.00	5.88	30.72
AV	5.3518G	50.01	54.00	-3.99	40.85	3	Vertical	337	1.60	-	34.00	5.88	30.72

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

5230MHz_TX

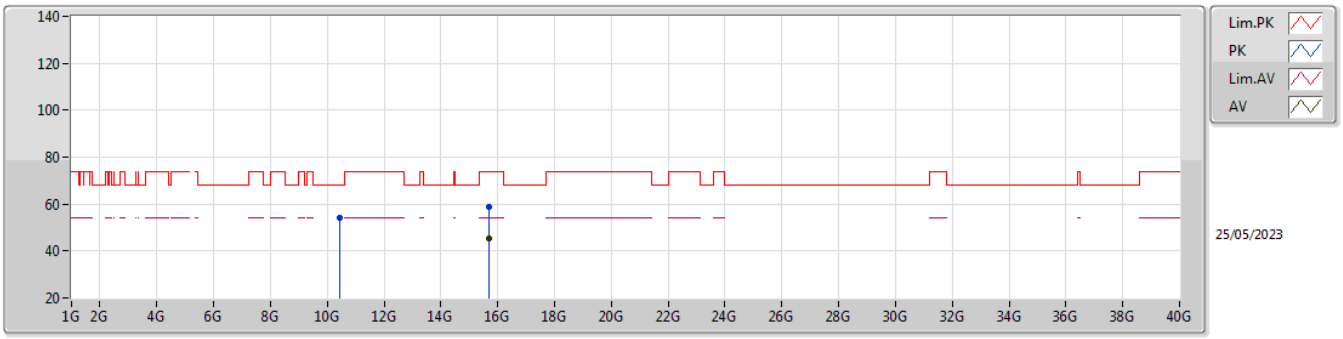


EUT Y_2TX
Setting 22
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45999G	55.10	68.20	-13.10	40.08	3	Vertical	25	1.86	-	38.40	8.46	31.84
PK	15.6964G	59.69	74.00	-14.31	42.95	3	Vertical	285	1.80	-	37.79	10.38	31.43
AV	15.69924G	45.54	54.00	-8.46	28.79	3	Vertical	285	1.80	-	37.80	10.38	31.43

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

5230MHz_TX

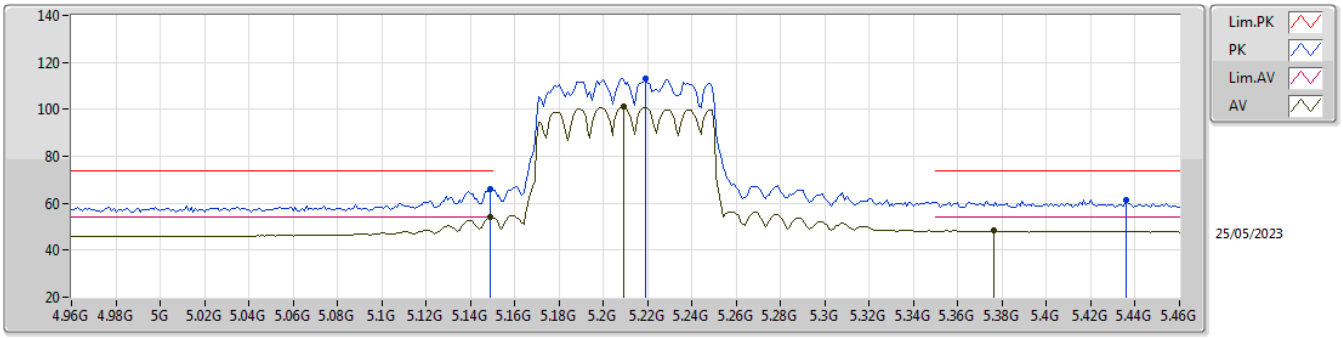


EUT Y_2TX
Setting 22
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45977G	54.35	68.20	-13.85	39.33	3	Horizontal	17	1.76	-	38.40	8.46	31.84
PK	15.69202G	58.90	74.00	-15.10	42.17	3	Horizontal	219	1.96	-	37.78	10.38	31.43
AV	15.68793G	45.45	54.00	-8.55	28.72	3	Horizontal	219	1.96	-	37.78	10.38	31.43

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

5210MHz_TX

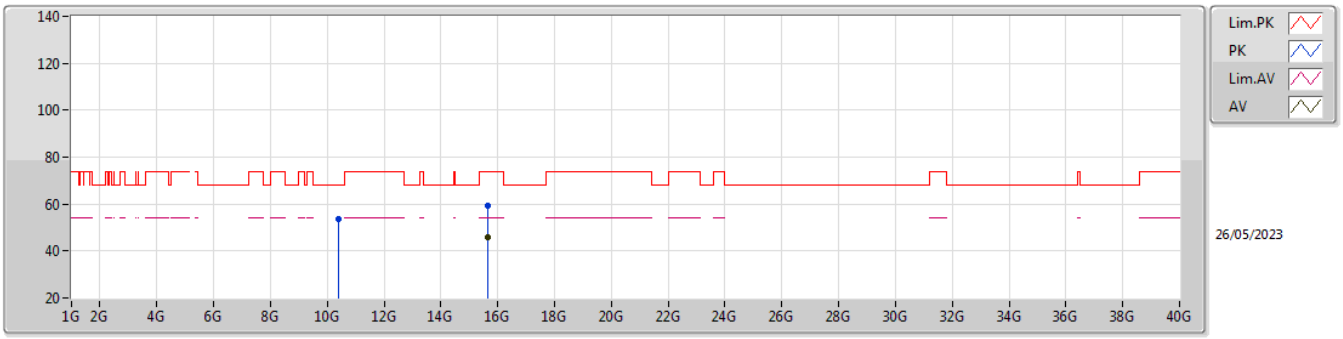


EUT Y_2TX
Setting 16
02-F-W-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	66.02	74.00	-7.98	57.38	3	Vertical	311	1.45	-	33.60	5.77	30.73
AV	5.149G	53.93	54.00	-0.07	45.29	3	Vertical	311	1.45	-	33.60	5.77	30.73
PK	5.219G	113.03	Inf	-Inf	104.15	3	Vertical	311	1.45	-	33.80	5.81	30.73
AV	5.209G	101.29	Inf	-Inf	92.42	3	Vertical	311	1.45	-	33.80	5.80	30.73
PK	5.436G	61.50	74.00	-12.50	52.21	3	Vertical	311	1.45	-	34.07	5.94	30.72
AV	5.376G	48.70	54.00	-5.30	39.53	3	Vertical	311	1.45	-	34.00	5.89	30.72

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

5210MHz_TX

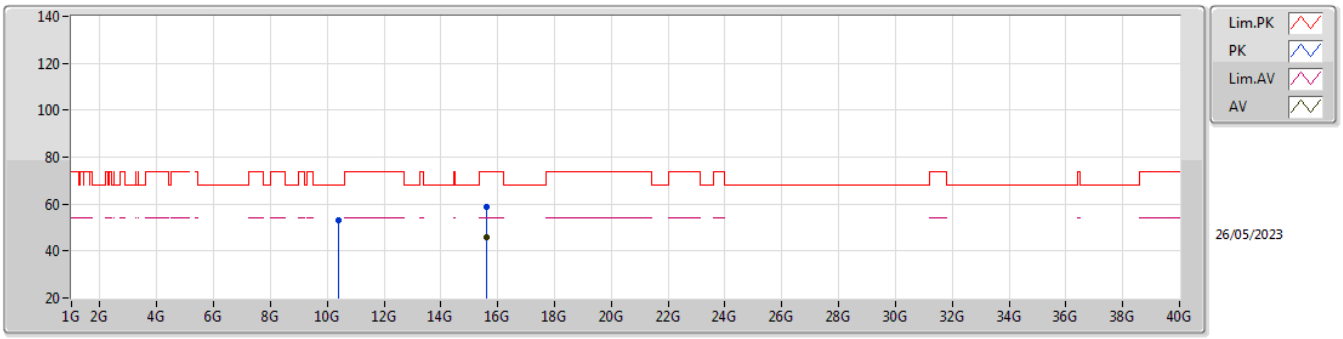


EUT Y_2TX
Setting 16
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41108G	53.48	68.20	-14.72	38.48	3	Vertical	15	2.64	-	38.40	8.44	31.84
PK	15.63684G	59.27	74.00	-14.73	42.62	3	Vertical	298	1.21	-	37.70	10.35	31.40
AV	15.6334G	45.76	54.00	-8.24	29.11	3	Vertical	298	1.21	-	37.70	10.35	31.40

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

5210MHz_TX



EUT Y_2TX
Setting 16
02-F-W-4

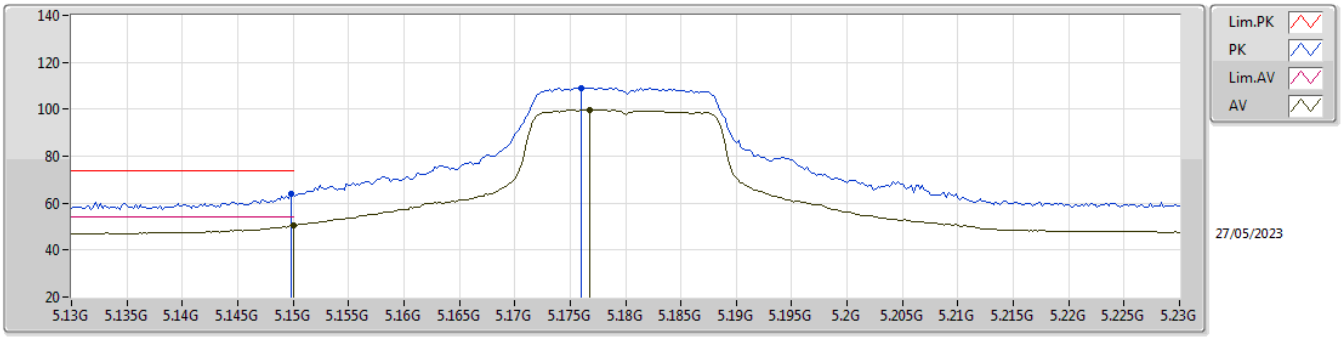
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4122G	53.11	68.20	-15.09	38.11	3	Horizontal	260	2.86	-	38.40	8.44	31.84
PK	15.62716G	58.96	74.00	-15.04	42.31	3	Horizontal	136	2.64	-	37.70	10.35	31.40
AV	15.62184G	45.73	54.00	-8.27	29.07	3	Horizontal	136	2.64	-	37.70	10.35	31.39

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)_1TX	Pass	AV	5.15G	53.98	54.00	-0.02	3	Horizontal	7	2.36	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

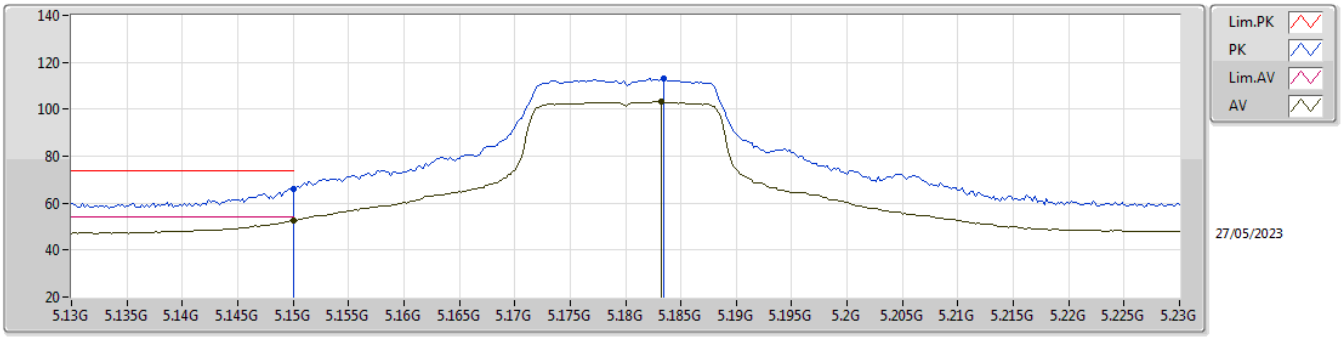


EUT Y_1TX
Setting 18.5
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	63.82	74.00	-10.18	55.18	3	Vertical	347	1.91	-	33.60	5.77	30.73
AV	5.15G	50.38	54.00	-3.62	41.73	3	Vertical	347	1.91	-	33.60	5.78	30.73
PK	5.176G	109.19	Inf	-Inf	100.43	3	Vertical	347	1.91	-	33.70	5.79	30.73
AV	5.1768G	99.72	Inf	-Inf	90.95	3	Vertical	347	1.91	-	33.71	5.79	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

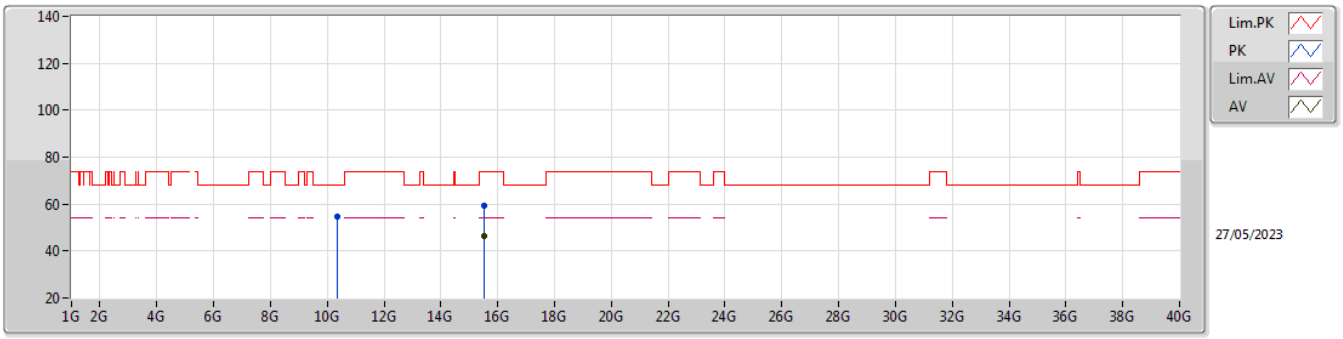


EUT Y_1TX
Setting 18.5
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.11	74.00	-7.89	57.46	3	Horizontal	8	2.16	-	33.60	5.78	30.73
AV	5.15G	52.61	54.00	-1.39	43.96	3	Horizontal	8	2.16	-	33.60	5.78	30.73
PK	5.1834G	113.14	Inf	-Inf	104.35	3	Horizontal	8	2.16	-	33.73	5.79	30.73
AV	5.1832G	103.08	Inf	-Inf	94.29	3	Horizontal	8	2.16	-	33.73	5.79	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

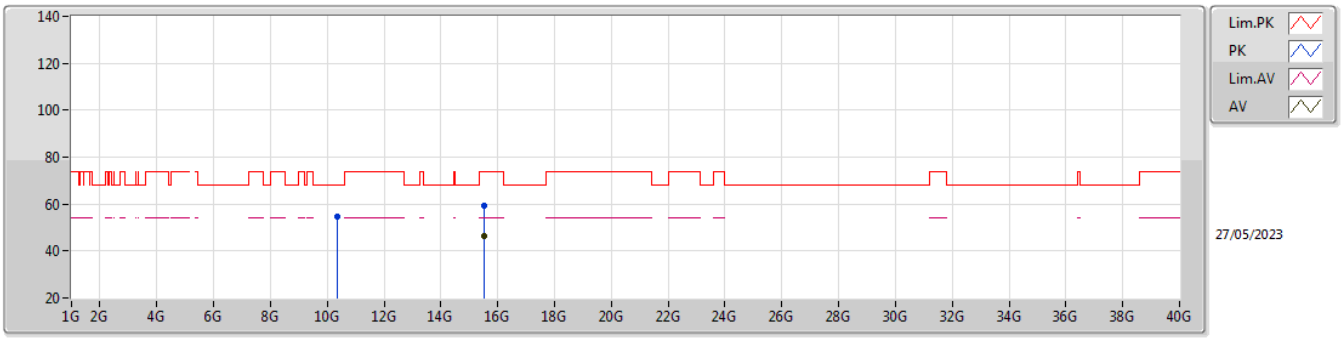


EUT Y_1TX
Setting 18.5
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35492G	54.86	68.20	-13.34	39.78	3	Vertical	165	2.40	-	38.49	8.42	31.83
PK	15.532G	59.14	74.00	-14.86	42.31	3	Vertical	110	2.66	-	37.87	10.31	31.35
AV	15.53668G	46.39	54.00	-7.61	29.58	3	Vertical	110	2.66	-	37.85	10.31	31.35

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

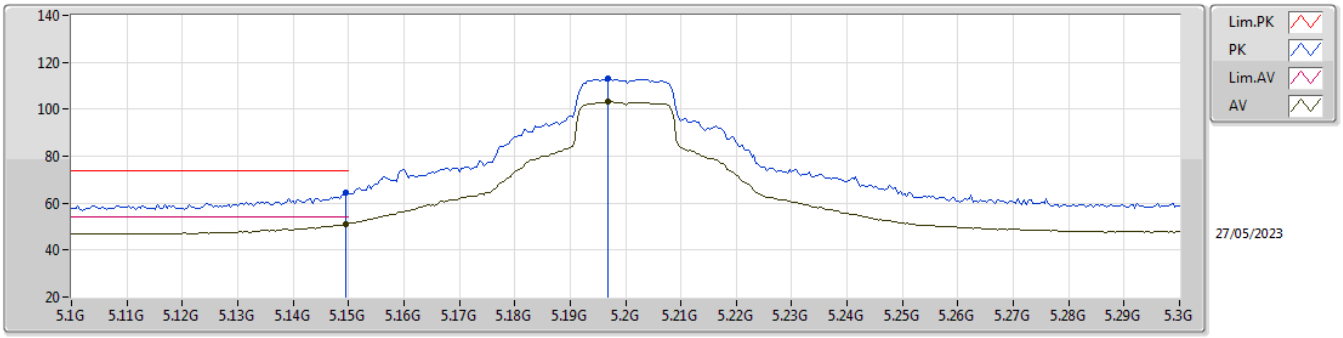


EUT Y_1TX
Setting 18.5
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35G	54.60	68.20	-13.60	39.51	3	Horizontal	88	2.58	-	38.50	8.42	31.83
PK	15.533G	59.38	74.00	-14.62	42.55	3	Horizontal	214	2.10	-	37.87	10.31	31.35
AV	15.53276G	46.16	54.00	-7.84	29.33	3	Horizontal	214	2.10	-	37.87	10.31	31.35

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

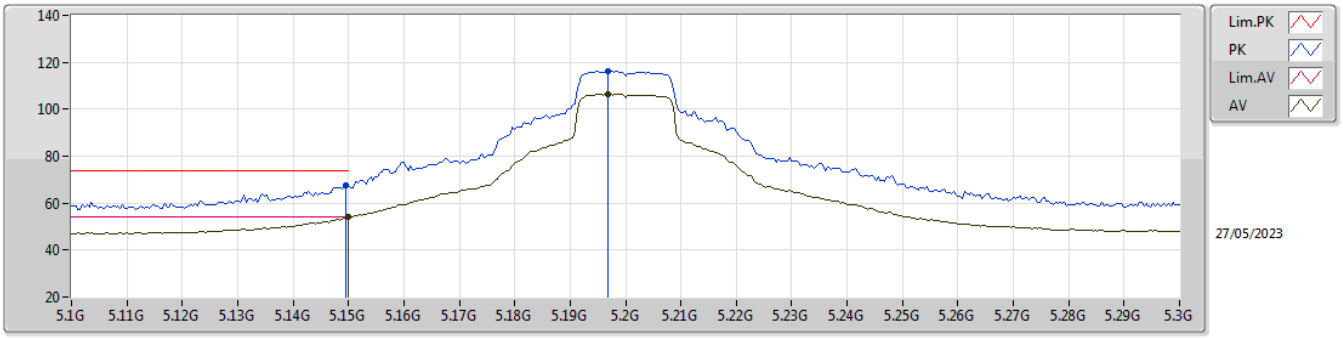


EUT Y_1TX
Setting 23
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	64.73	74.00	-9.27	56.09	3	Vertical	344	2.00	-	33.60	5.77	30.73
AV	5.1496G	51.14	54.00	-2.86	42.50	3	Vertical	344	2.00	-	33.60	5.77	30.73
PK	5.1968G	113.06	Inf	-Inf	104.20	3	Vertical	344	2.00	-	33.79	5.80	30.73
AV	5.1968G	103.10	Inf	-Inf	94.24	3	Vertical	344	2.00	-	33.79	5.80	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

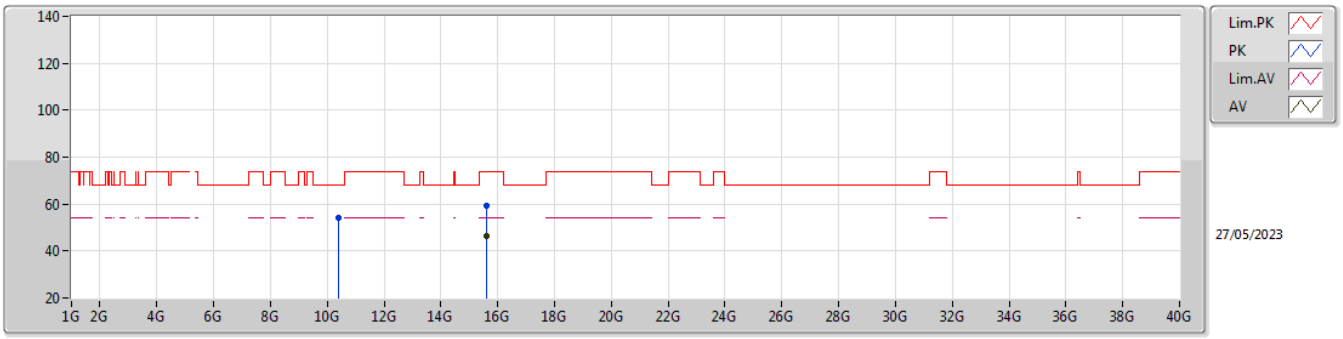


EUT Y_1TX
Setting 23
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	67.43	74.00	-6.57	58.79	3	Horizontal	7	2.36	-	33.60	5.77	30.73
AV	5.15G	53.98	54.00	-0.02	45.33	3	Horizontal	7	2.36	-	33.60	5.78	30.73
PK	5.1968G	116.33	Inf	-Inf	107.47	3	Horizontal	7	2.36	-	33.79	5.80	30.73
AV	5.1968G	106.49	Inf	-Inf	97.63	3	Horizontal	7	2.36	-	33.79	5.80	30.73

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

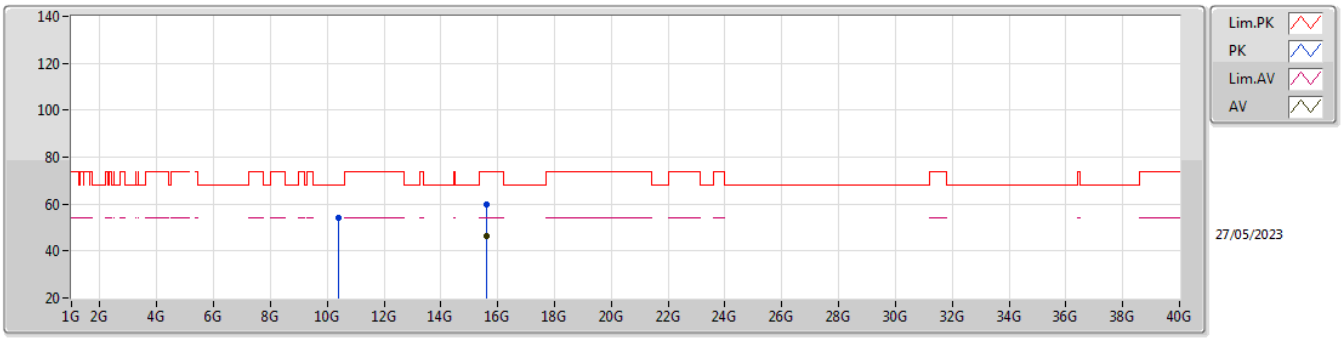


EUT Y_1TX
Setting 23
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39888G	54.03	68.20	-14.17	39.02	3	Vertical	197	2.17	-	38.40	8.44	31.83
PK	15.60868G	59.27	74.00	-14.73	42.62	3	Vertical	70	2.97	-	37.70	10.34	31.39
AV	15.59212G	46.57	54.00	-7.43	29.89	3	Vertical	70	2.97	-	37.72	10.34	31.38

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

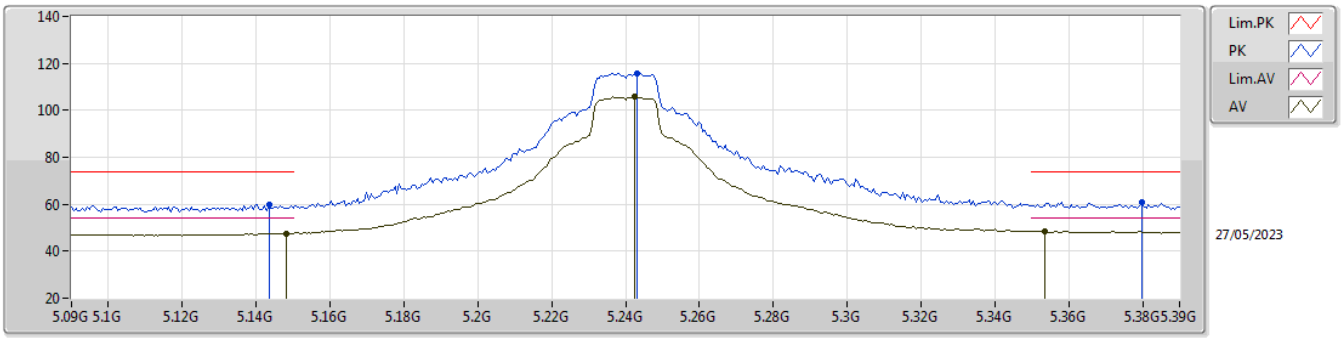


EUT Y_1TX
Setting 23
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39332G	54.18	68.20	-14.02	39.16	3	Horizontal	291	1.80	-	38.41	8.44	31.83
PK	15.59148G	59.62	74.00	-14.38	42.94	3	Horizontal	249	2.09	-	37.72	10.34	31.38
AV	15.59748G	46.57	54.00	-7.43	29.90	3	Horizontal	249	2.09	-	37.71	10.34	31.38

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

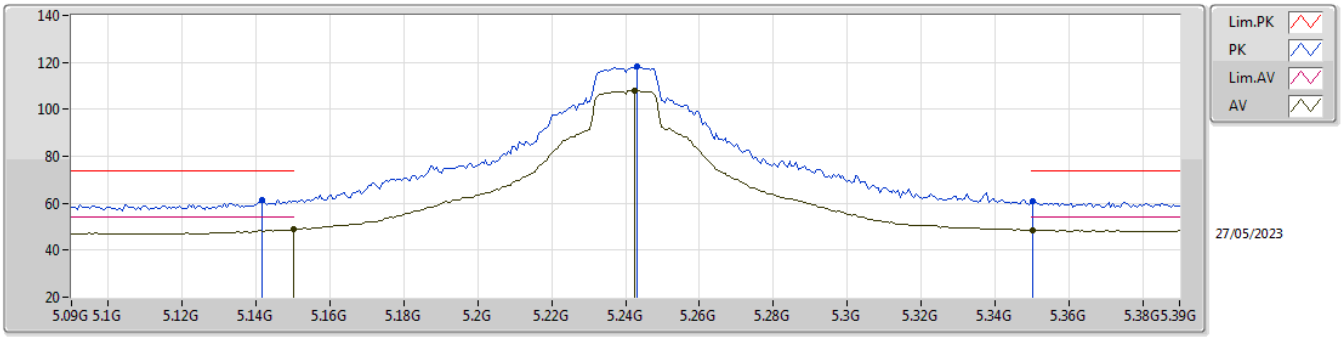


EUT Y_1TX
Setting 26
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1434G	59.73	74.00	-14.27	51.10	3	Vertical	38	2.07	-	33.59	5.77	30.73
AV	5.1482G	47.63	54.00	-6.37	38.99	3	Vertical	38	2.07	-	33.60	5.77	30.73
PK	5.243G	115.65	Inf	-Inf	106.76	3	Vertical	38	2.07	-	33.80	5.82	30.73
AV	5.2424G	105.77	Inf	-Inf	96.88	3	Vertical	38	2.07	-	33.80	5.82	30.73
PK	5.3798G	60.85	74.00	-13.15	51.68	3	Vertical	38	2.07	-	34.00	5.89	30.72
AV	5.3534G	48.40	54.00	-5.60	39.24	3	Vertical	38	2.07	-	34.00	5.88	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

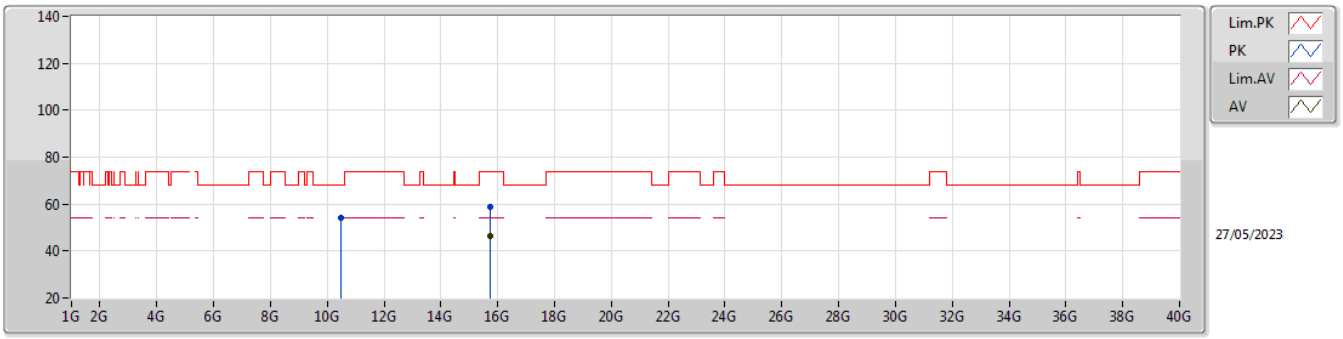


EUT Y_1TX
Setting 26
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1416G	61.56	74.00	-12.44	52.94	3	Horizontal	7	2.41	-	33.58	5.77	30.73
AV	5.15G	48.99	54.00	-5.01	40.34	3	Horizontal	7	2.41	-	33.60	5.78	30.73
PK	5.243G	118.09	Inf	-Inf	109.20	3	Horizontal	7	2.41	-	33.80	5.82	30.73
AV	5.2424G	108.06	Inf	-Inf	99.17	3	Horizontal	7	2.41	-	33.80	5.82	30.73
PK	5.3504G	61.10	74.00	-12.90	51.94	3	Horizontal	7	2.41	-	34.00	5.88	30.72
AV	5.3504G	48.56	54.00	-5.44	39.40	3	Horizontal	7	2.41	-	34.00	5.88	30.72

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

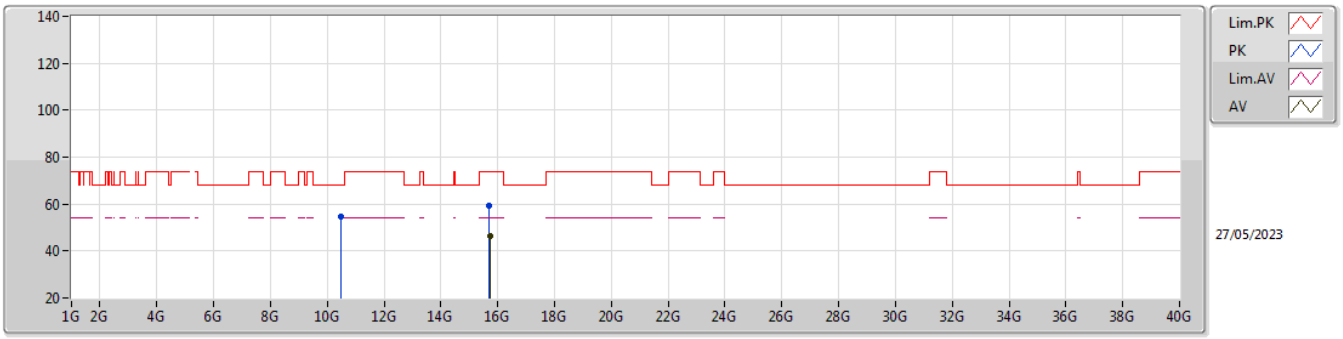


EUT Y_1TX
Setting 26
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48588G	54.36	68.20	-13.84	39.34	3	Vertical	103	1.99	-	38.40	8.47	31.85
PK	15.7212G	58.87	74.00	-15.13	42.21	3	Vertical	305	2.24	-	37.72	10.39	31.45
AV	15.71956G	46.34	54.00	-7.66	29.67	3	Vertical	305	2.24	-	37.72	10.39	31.44

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

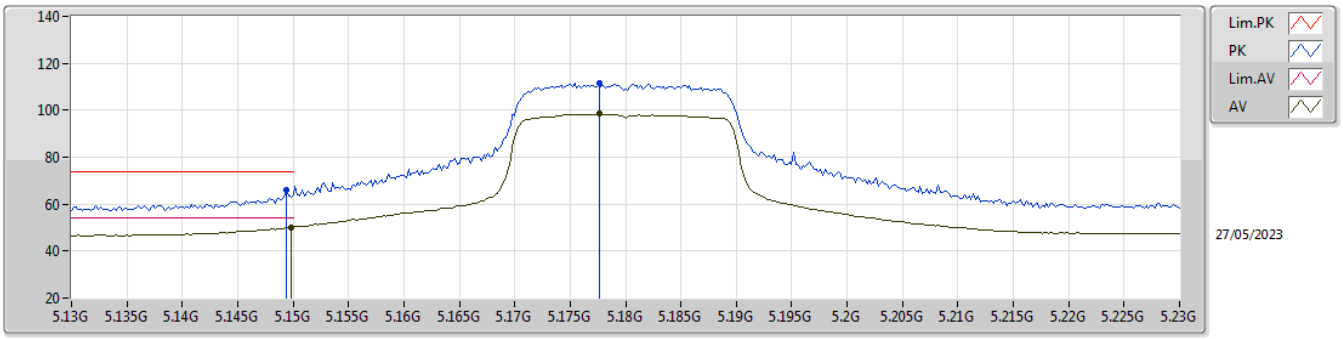


EUT Y_1TX
Setting 26
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47748G	54.87	68.20	-13.33	39.85	3	Horizontal	354	2.38	-	38.40	8.47	31.85
PK	15.71076G	59.13	74.00	-14.87	42.43	3	Horizontal	170	2.35	-	37.76	10.38	31.44
AV	15.72G	46.13	54.00	-7.87	29.46	3	Horizontal	170	2.35	-	37.72	10.39	31.44

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

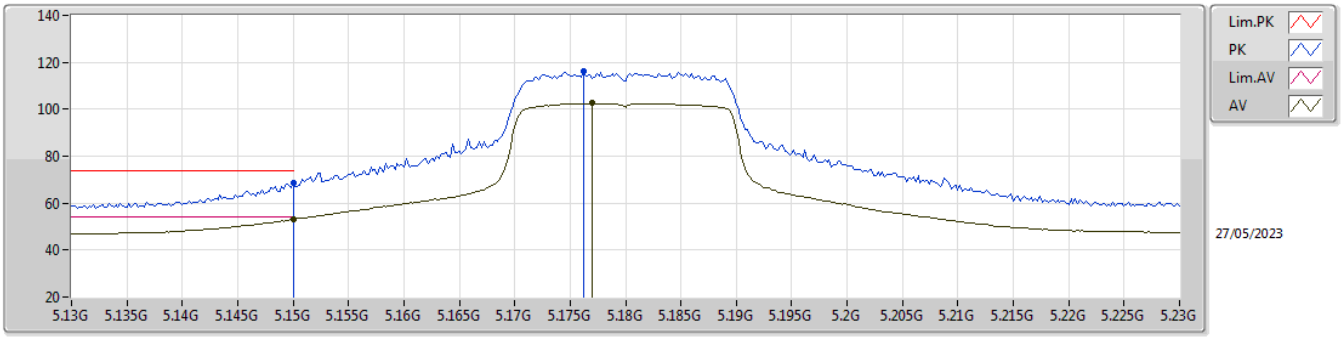


EUT Y_1TX
Setting 18
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	65.97	74.00	-8.03	57.33	3	Vertical	346	1.91	-	33.60	5.77	30.73
AV	5.1498G	50.23	54.00	-3.77	41.59	3	Vertical	346	1.91	-	33.60	5.77	30.73
PK	5.1776G	111.35	Inf	-Inf	102.58	3	Vertical	346	1.91	-	33.71	5.79	30.73
AV	5.1776G	98.41	Inf	-Inf	89.64	3	Vertical	346	1.91	-	33.71	5.79	30.73

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

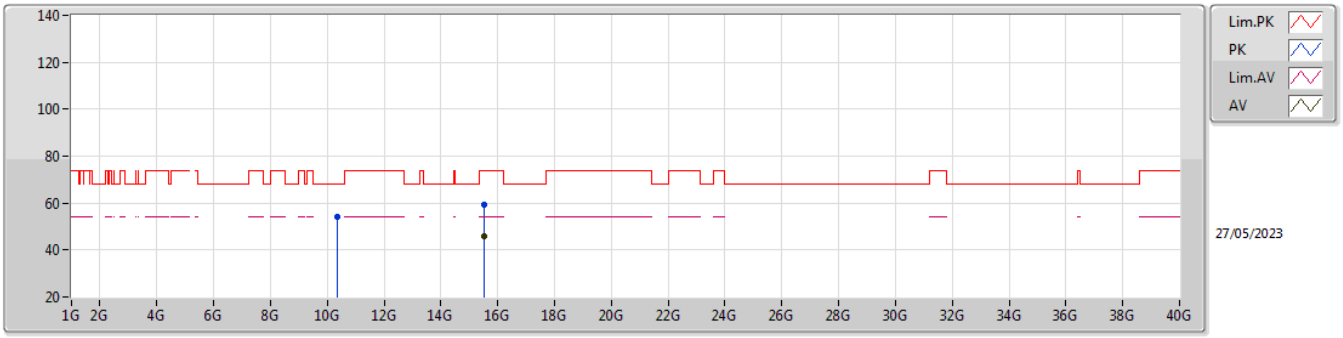


EUT Y_1TX
Setting 18
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.75	74.00	-5.25	60.10	3	Horizontal	14	2.35	-	33.60	5.78	30.73
AV	5.15G	53.10	54.00	-0.90	44.45	3	Horizontal	14	2.35	-	33.60	5.78	30.73
PK	5.1762G	115.96	Inf	-Inf	107.20	3	Horizontal	14	2.35	-	33.70	5.79	30.73
AV	5.177G	102.52	Inf	-Inf	93.75	3	Horizontal	14	2.35	-	33.71	5.79	30.73

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

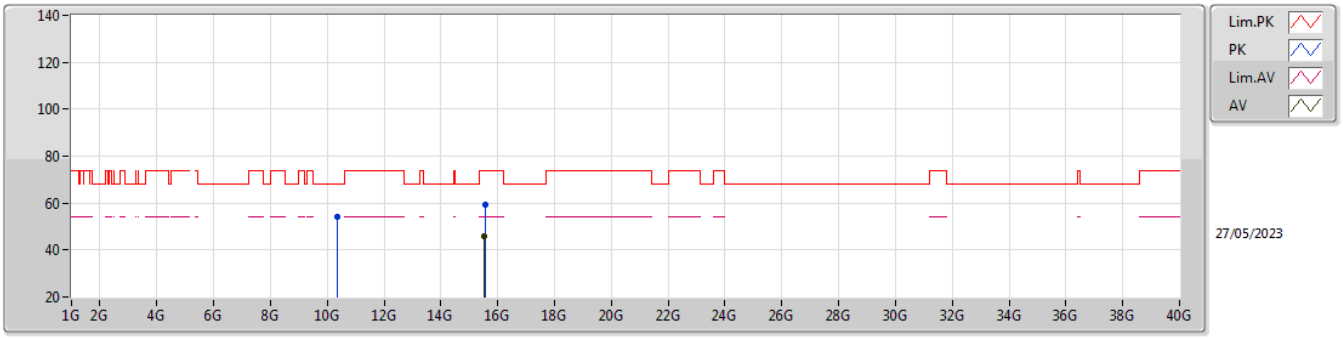


EUT Y_1TX
Setting 18
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36592G	54.25	68.20	-13.95	39.18	3	Vertical	346	2.33	-	38.47	8.43	31.83
PK	15.54148G	59.35	74.00	-14.65	42.55	3	Vertical	285	2.04	-	37.83	10.32	31.35
AV	15.53352G	45.68	54.00	-8.32	28.85	3	Vertical	285	2.04	-	37.87	10.31	31.35

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TX

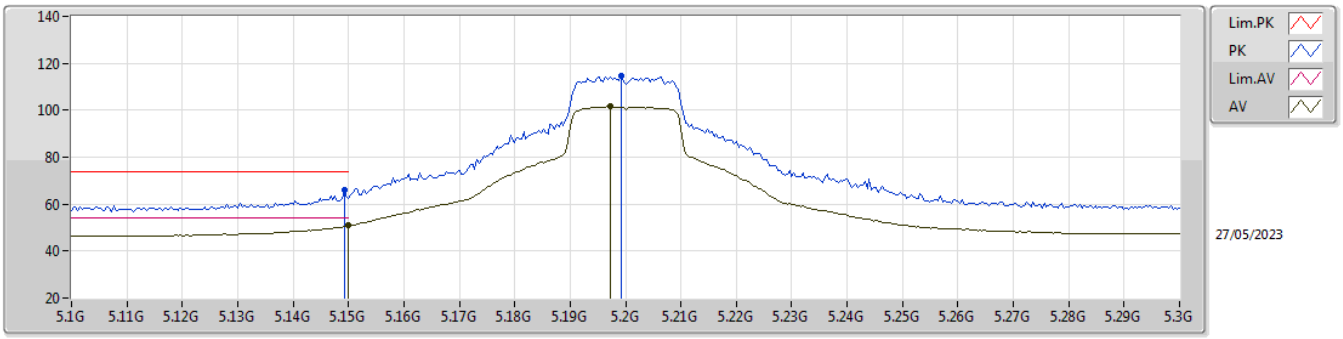


EUT Y_1TX
Setting 18
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35128G	53.92	68.20	-14.28	38.83	3	Horizontal	89	2.94	-	38.50	8.42	31.83
PK	15.54872G	59.16	74.00	-14.84	42.39	3	Horizontal	106	1.58	-	37.81	10.32	31.36
AV	15.53888G	45.80	54.00	-8.20	28.99	3	Horizontal	106	1.58	-	37.84	10.32	31.35

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

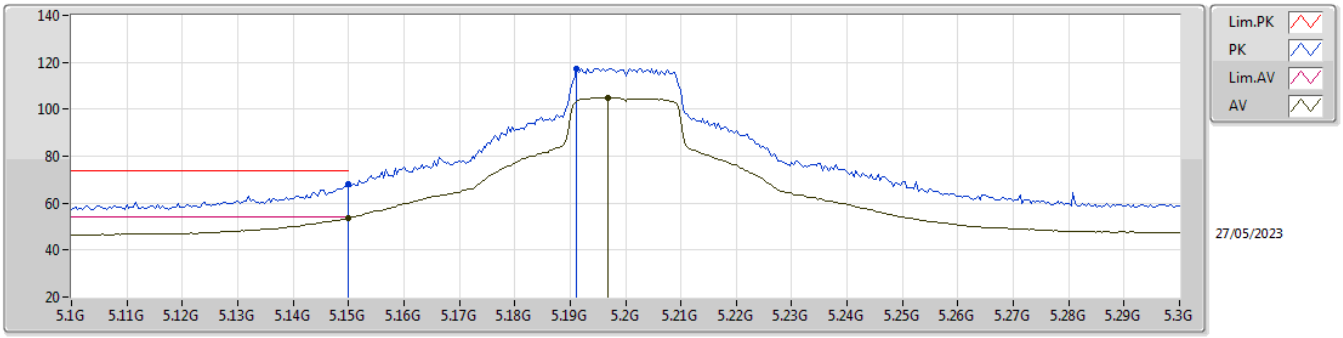


EUT Y_1TX
Setting 22
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	66.14	74.00	-7.86	57.50	3	Vertical	344	2.00	-	33.60	5.77	30.73
AV	5.15G	50.85	54.00	-3.15	42.20	3	Vertical	344	2.00	-	33.60	5.78	30.73
PK	5.1992G	114.62	Inf	-Inf	105.75	3	Vertical	344	2.00	-	33.80	5.80	30.73
AV	5.1972G	101.52	Inf	-Inf	92.66	3	Vertical	344	2.00	-	33.79	5.80	30.73

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

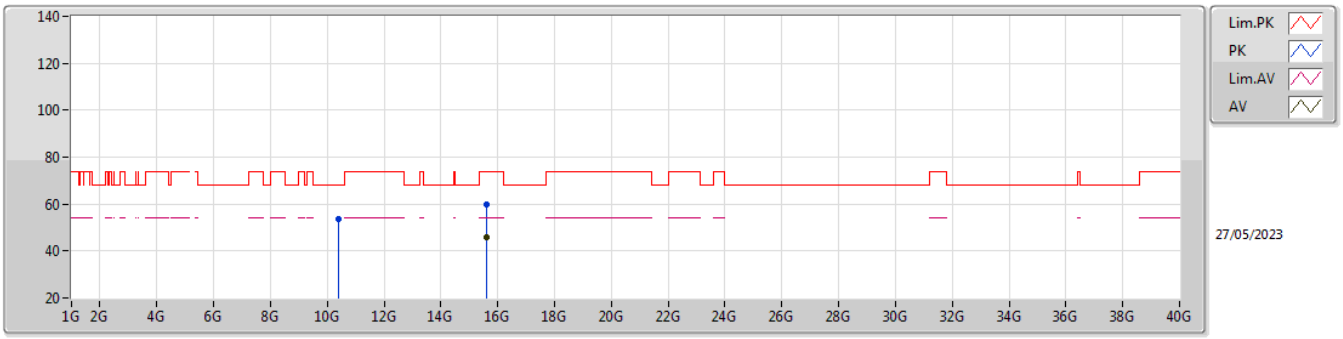


EUT Y_1TX
Setting 22
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.00	74.00	-6.00	59.35	3	Horizontal	9	2.36	-	33.60	5.78	30.73
AV	5.15G	53.85	54.00	-0.15	45.20	3	Horizontal	9	2.36	-	33.60	5.78	30.73
PK	5.1912G	117.23	Inf	-Inf	108.40	3	Horizontal	9	2.36	-	33.76	5.80	30.73
AV	5.1968G	104.94	Inf	-Inf	96.08	3	Horizontal	9	2.36	-	33.79	5.80	30.73

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

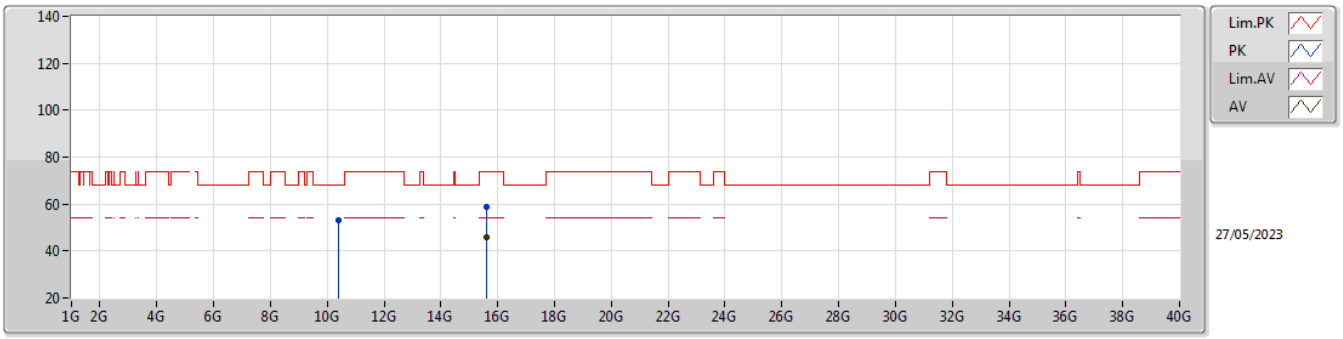


EUT Y_1TX
Setting 22
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39384G	53.71	68.20	-14.49	38.69	3	Vertical	334	1.03	-	38.41	8.44	31.83
PK	15.60944G	59.58	74.00	-14.42	42.93	3	Vertical	74	1.98	-	37.70	10.34	31.39
AV	15.6096G	45.90	54.00	-8.10	29.25	3	Vertical	74	1.98	-	37.70	10.34	31.39

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TX

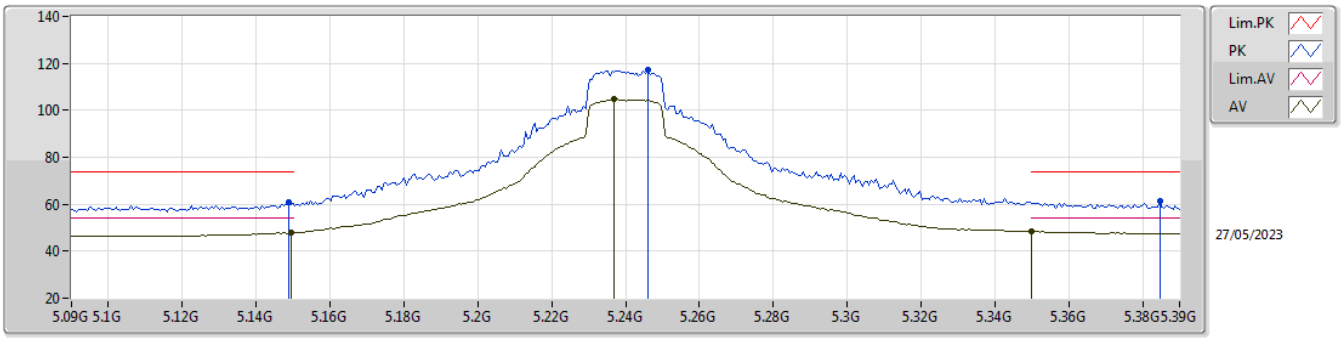


EUT Y_1TX
Setting 22
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39872G	53.31	68.20	-14.89	38.30	3	Horizontal	133	1.79	-	38.40	8.44	31.83
PK	15.60144G	58.91	74.00	-15.09	42.25	3	Horizontal	192	1.19	-	37.70	10.34	31.38
AV	15.59476G	45.79	54.00	-8.21	29.12	3	Horizontal	192	1.19	-	37.71	10.34	31.38

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

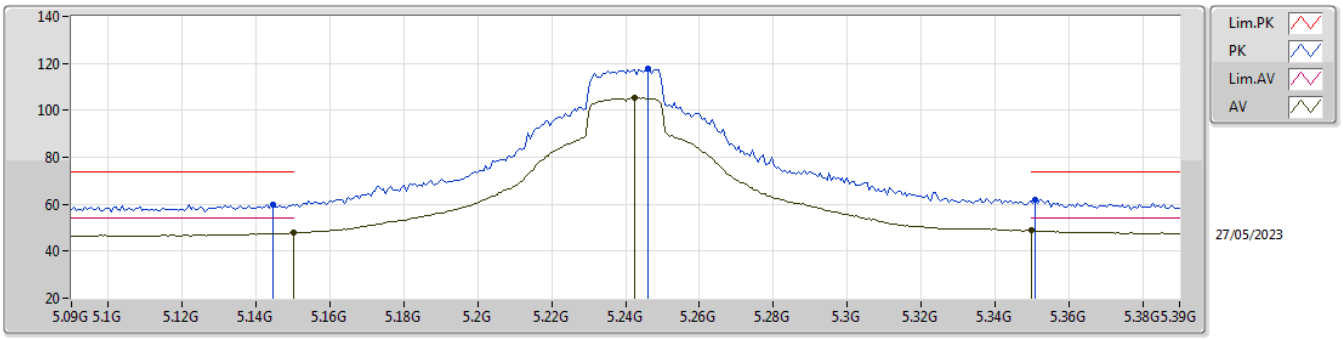


EUT Y_1TX
Setting 26
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	60.72	74.00	-13.28	52.08	3	Vertical	42	2.07	-	33.60	5.77	30.73
AV	5.1494G	47.91	54.00	-6.09	39.27	3	Vertical	42	2.07	-	33.60	5.77	30.73
PK	5.246G	117.00	Inf	-Inf	108.11	3	Vertical	42	2.07	-	33.80	5.82	30.73
AV	5.237G	104.69	Inf	-Inf	95.80	3	Vertical	42	2.07	-	33.80	5.82	30.73
PK	5.3846G	61.16	74.00	-12.84	51.99	3	Vertical	42	2.07	-	34.00	5.89	30.72
AV	5.35G	48.43	54.00	-5.57	39.28	3	Vertical	42	2.07	-	34.00	5.87	30.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

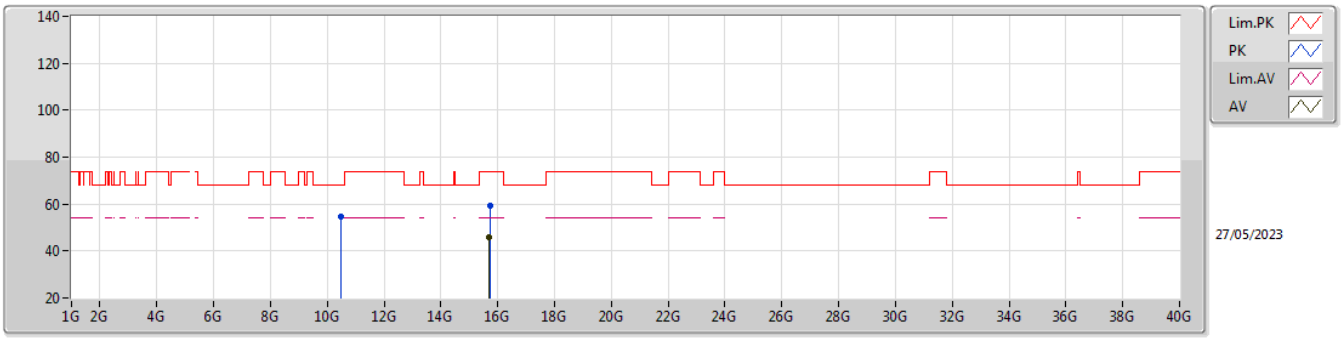


EUT Y_1TX
Setting 26
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1446G	60.00	74.00	-14.00	51.37	3	Horizontal	335	2.97	-	33.59	5.77	30.73
AV	5.15G	47.84	54.00	-6.16	39.19	3	Horizontal	335	2.97	-	33.60	5.78	30.73
PK	5.246G	117.94	Inf	-Inf	109.05	3	Horizontal	335	2.97	-	33.80	5.82	30.73
AV	5.2424G	105.21	Inf	-Inf	96.32	3	Horizontal	335	2.97	-	33.80	5.82	30.73
PK	5.351G	61.90	74.00	-12.10	52.74	3	Horizontal	335	2.97	-	34.00	5.88	30.72
AV	5.35G	48.71	54.00	-5.29	39.55	3	Horizontal	335	2.97	-	34.00	5.88	30.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

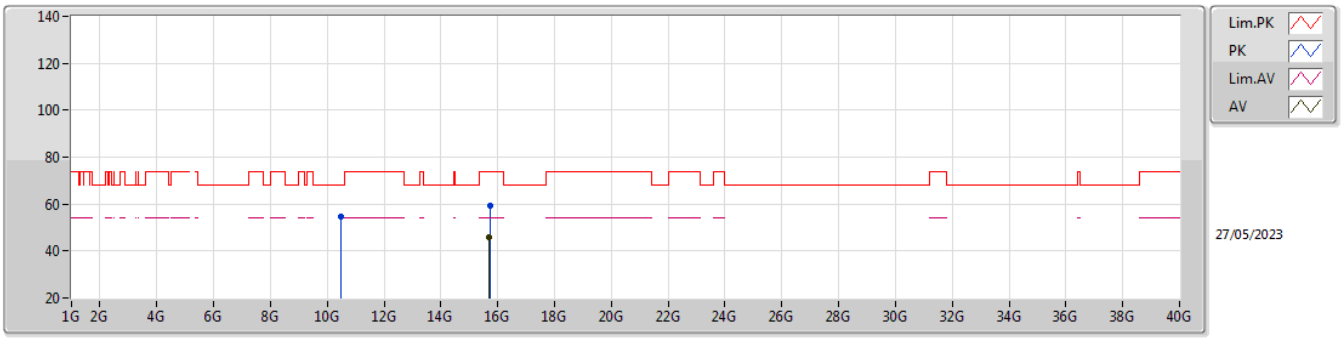


EUT Y_1TX
Setting 26
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48736G	54.68	68.20	-13.52	39.66	3	Vertical	293	1.30	-	38.40	8.47	31.85
PK	15.71908G	59.10	74.00	-14.90	42.43	3	Vertical	134	2.70	-	37.72	10.39	31.44
AV	15.715G	45.67	54.00	-8.33	28.98	3	Vertical	134	2.70	-	37.74	10.39	31.44

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TX

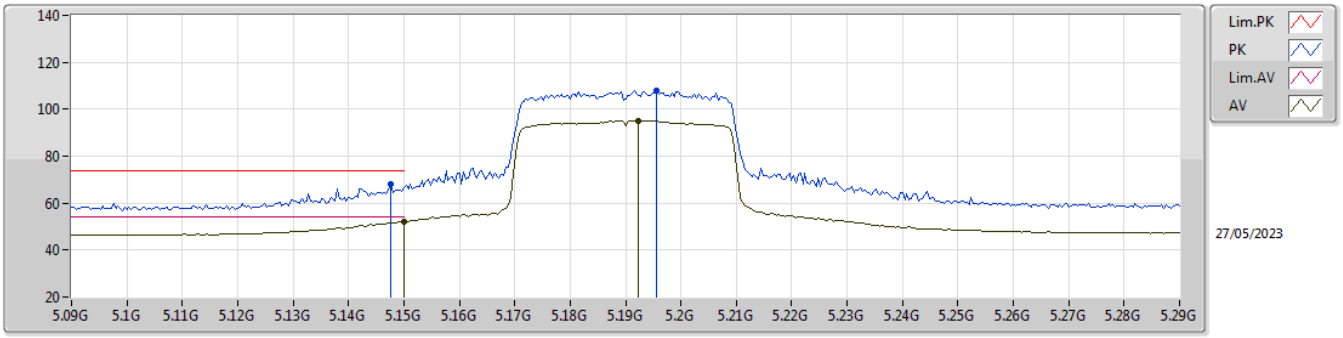


EUT Y_1TX
Setting 26
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47252G	54.74	68.20	-13.46	39.72	3	Horizontal	310	1.70	-	38.40	8.47	31.85
PK	15.71636G	59.40	74.00	-14.60	42.72	3	Horizontal	198	1.19	-	37.73	10.39	31.44
AV	15.71444G	45.73	54.00	-8.27	29.04	3	Horizontal	198	1.19	-	37.74	10.39	31.44

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

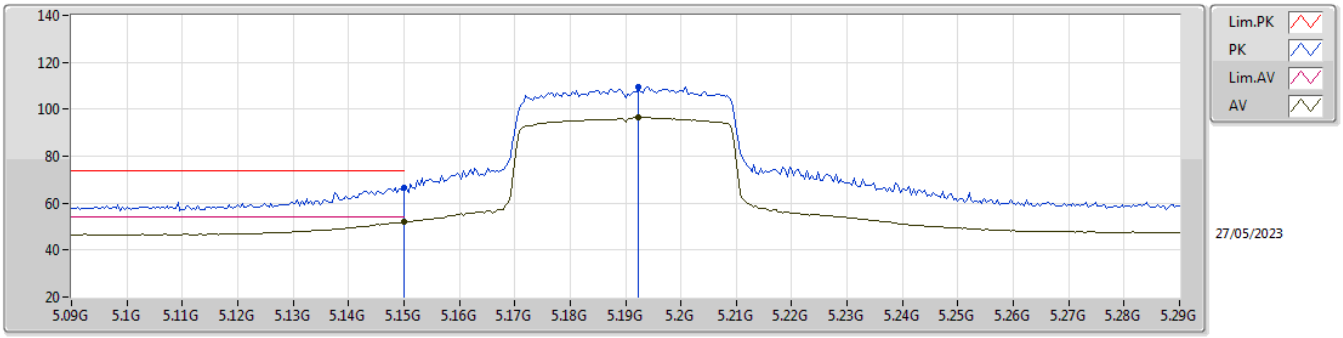


EUT Y_1TX
Setting 18
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	67.96	74.00	-6.04	59.32	3	Vertical	344	1.90	-	33.60	5.77	30.73
AV	5.15G	52.18	54.00	-1.82	43.53	3	Vertical	344	1.90	-	33.60	5.78	30.73
PK	5.1956G	107.97	Inf	-Inf	99.12	3	Vertical	344	1.90	-	33.78	5.80	30.73
AV	5.1924G	95.13	Inf	-Inf	86.29	3	Vertical	344	1.90	-	33.77	5.80	30.73

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

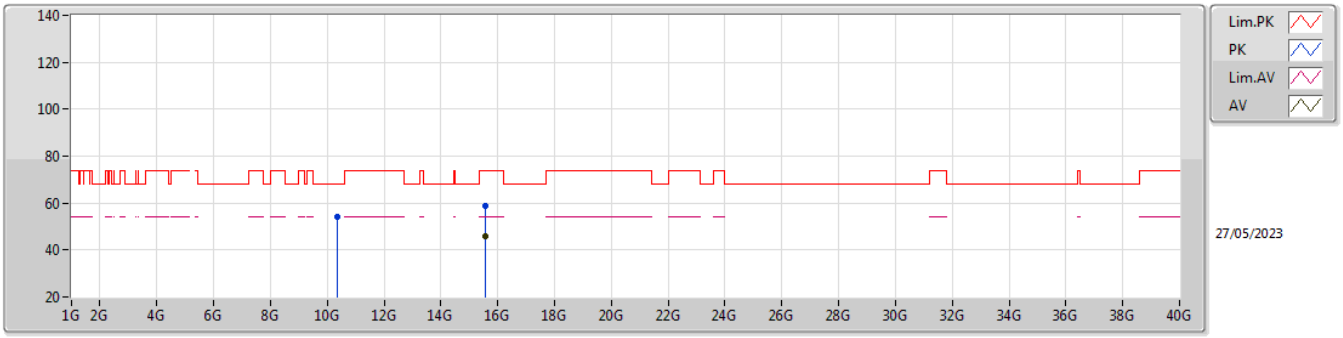


EUT Y_1TX
Setting 18
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.49	74.00	-7.51	57.84	3	Horizontal	336	1.64	-	33.60	5.78	30.73
AV	5.15G	52.11	54.00	-1.89	43.46	3	Horizontal	336	1.64	-	33.60	5.78	30.73
PK	5.1924G	109.64	Inf	-Inf	100.80	3	Horizontal	336	1.64	-	33.77	5.80	30.73
AV	5.1924G	96.59	Inf	-Inf	87.75	3	Horizontal	336	1.64	-	33.77	5.80	30.73

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

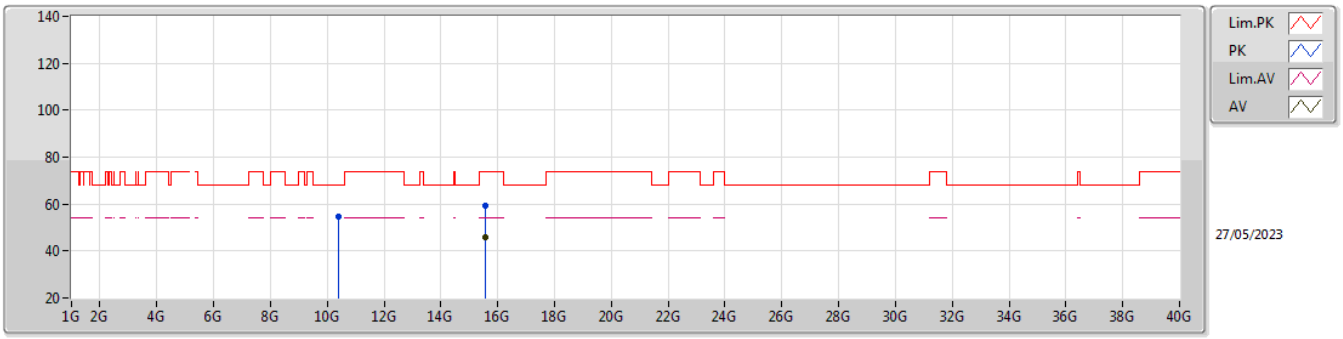


EUT Y_1TX
Setting 18
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37328G	54.07	68.20	-14.13	39.02	3	Vertical	325	2.09	-	38.45	8.43	31.83
PK	15.57176G	59.05	74.00	-14.95	42.33	3	Vertical	275	2.30	-	37.76	10.33	31.37
AV	15.5746G	45.95	54.00	-8.05	29.24	3	Vertical	275	2.30	-	37.75	10.33	31.37

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TX

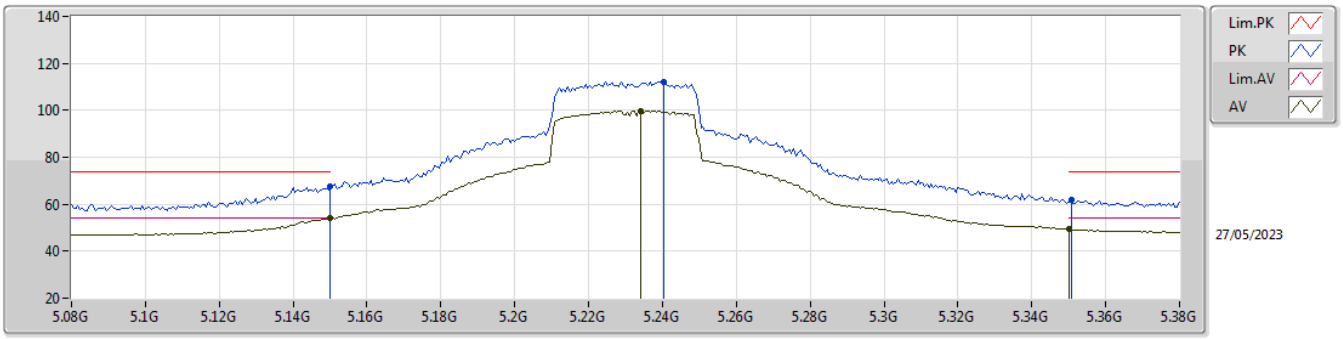


EUT Y_1TX
Setting 18
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37948G	54.65	68.20	-13.55	39.61	3	Horizontal	297	1.59	-	38.44	8.43	31.83
PK	15.56864G	59.35	74.00	-14.65	42.63	3	Horizontal	17	1.86	-	37.76	10.33	31.37
AV	15.57416G	45.91	54.00	-8.09	29.20	3	Horizontal	17	1.86	-	37.75	10.33	31.37

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

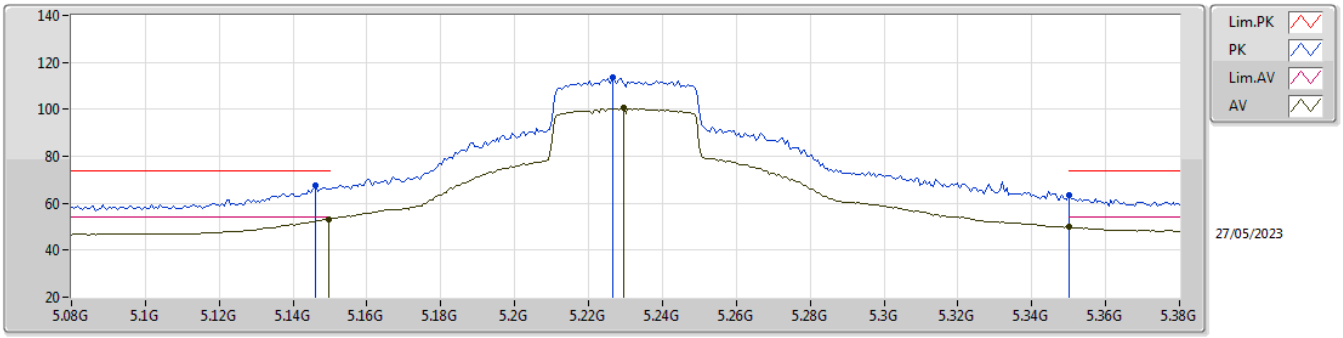


EUT Y_1TX
Setting 23
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	67.60	74.00	-6.40	58.95	3	Vertical	44	2.06	-	33.60	5.78	30.73
AV	5.15G	53.91	54.00	-0.09	45.26	3	Vertical	44	2.06	-	33.60	5.78	30.73
PK	5.2402G	112.23	Inf	-Inf	103.34	3	Vertical	44	2.06	-	33.80	5.82	30.73
AV	5.2342G	99.80	Inf	-Inf	90.91	3	Vertical	44	2.06	-	33.80	5.82	30.73
PK	5.3506G	62.05	74.00	-11.95	52.89	3	Vertical	44	2.06	-	34.00	5.88	30.72
AV	5.35G	49.53	54.00	-4.47	40.38	3	Vertical	44	2.06	-	34.00	5.87	30.72

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

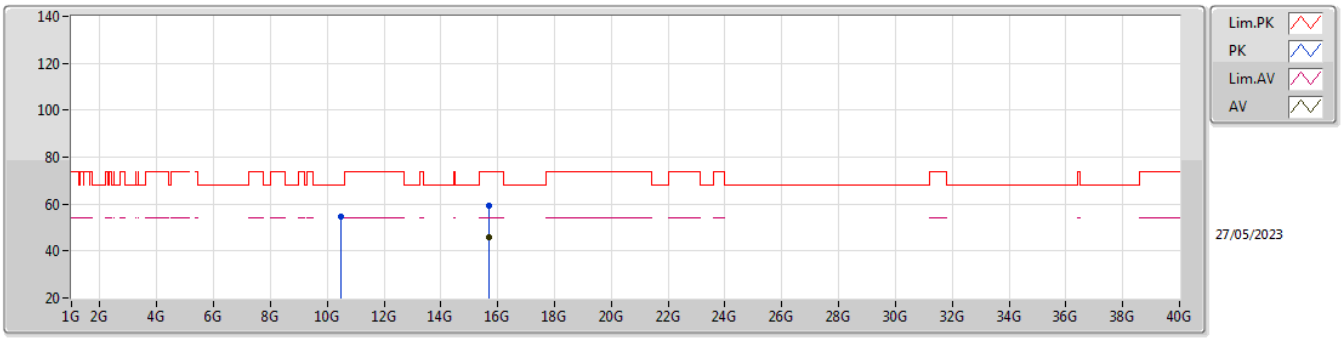


EUT Y_1TX
Setting 23
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	67.73	74.00	-6.27	59.10	3	Horizontal	334	1.69	-	33.59	5.77	30.73
AV	5.1496G	53.33	54.00	-0.67	44.69	3	Horizontal	334	1.69	-	33.60	5.77	30.73
PK	5.2264G	113.40	Inf	-Inf	104.52	3	Horizontal	334	1.69	-	33.80	5.81	30.73
AV	5.2294G	100.60	Inf	-Inf	91.72	3	Horizontal	334	1.69	-	33.80	5.81	30.73
PK	5.35G	63.31	74.00	-10.69	54.15	3	Horizontal	334	1.69	-	34.00	5.88	30.72
AV	5.35G	49.81	54.00	-4.19	40.65	3	Horizontal	334	1.69	-	34.00	5.88	30.72

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

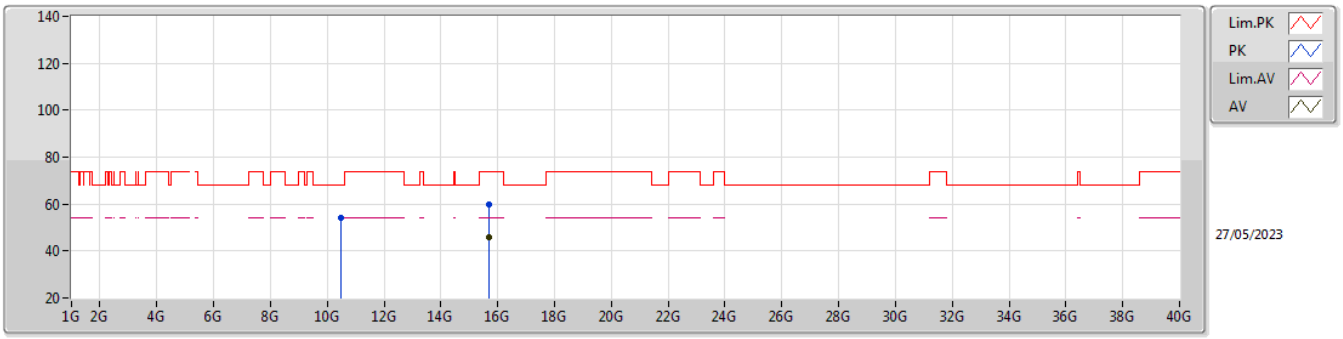


EUT Y_1TX
Setting 23
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46244G	54.68	68.20	-13.52	39.66	3	Vertical	332	2.58	-	38.40	8.46	31.84
PK	15.68928G	59.24	74.00	-14.76	42.51	3	Vertical	228	2.19	-	37.78	10.38	31.43
AV	15.68788G	45.77	54.00	-8.23	29.04	3	Vertical	228	2.19	-	37.78	10.38	31.43

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TX

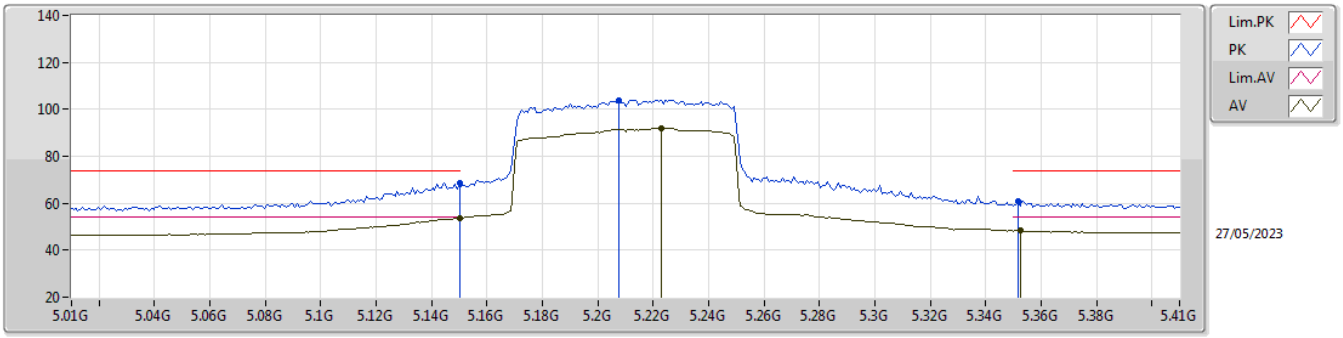


EUT Y_1TX
Setting 23
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46568G	53.90	68.20	-14.30	38.88	3	Horizontal	91	2.04	-	38.40	8.46	31.84
PK	15.6994G	59.94	74.00	-14.06	43.19	3	Horizontal	338	1.14	-	37.80	10.38	31.43
AV	15.68112G	45.75	54.00	-8.25	29.04	3	Horizontal	338	1.14	-	37.76	10.37	31.42

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

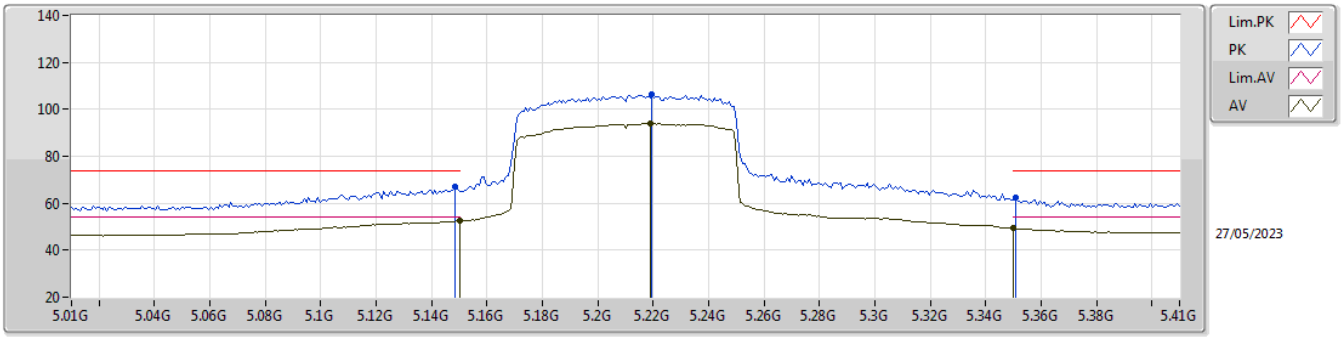


EUT Y_1TX
Setting 18.5
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.75	74.00	-5.25	60.10	3	Vertical	48	1.82	-	33.60	5.78	30.73
AV	5.15G	53.66	54.00	-0.34	45.01	3	Vertical	48	1.82	-	33.60	5.78	30.73
PK	5.2076G	103.94	Inf	-Inf	95.07	3	Vertical	48	1.82	-	33.80	5.80	30.73
AV	5.2228G	91.85	Inf	-Inf	82.97	3	Vertical	48	1.82	-	33.80	5.81	30.73
PK	5.3516G	60.98	74.00	-13.02	51.82	3	Vertical	48	1.82	-	34.00	5.88	30.72
AV	5.3524G	48.26	54.00	-5.74	39.10	3	Vertical	48	1.82	-	34.00	5.88	30.72

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

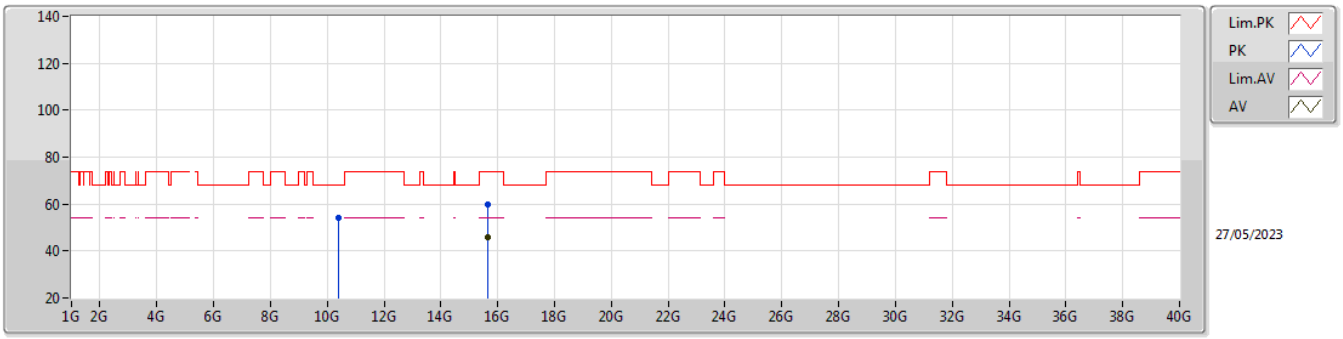


EUT Y_1TX
Setting 18.5
02-F-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	67.27	74.00	-6.73	58.63	3	Horizontal	337	3.00	-	33.60	5.77	30.73
AV	5.15G	52.44	54.00	-1.56	43.79	3	Horizontal	337	3.00	-	33.60	5.78	30.73
PK	5.2196G	106.32	Inf	-Inf	97.44	3	Horizontal	337	3.00	-	33.80	5.81	30.73
AV	5.2188G	93.91	Inf	-Inf	85.03	3	Horizontal	337	3.00	-	33.80	5.81	30.73
PK	5.3508G	62.38	74.00	-11.62	53.22	3	Horizontal	337	3.00	-	34.00	5.88	30.72
AV	5.35G	49.43	54.00	-4.57	40.28	3	Horizontal	337	3.00	-	34.00	5.87	30.72

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX

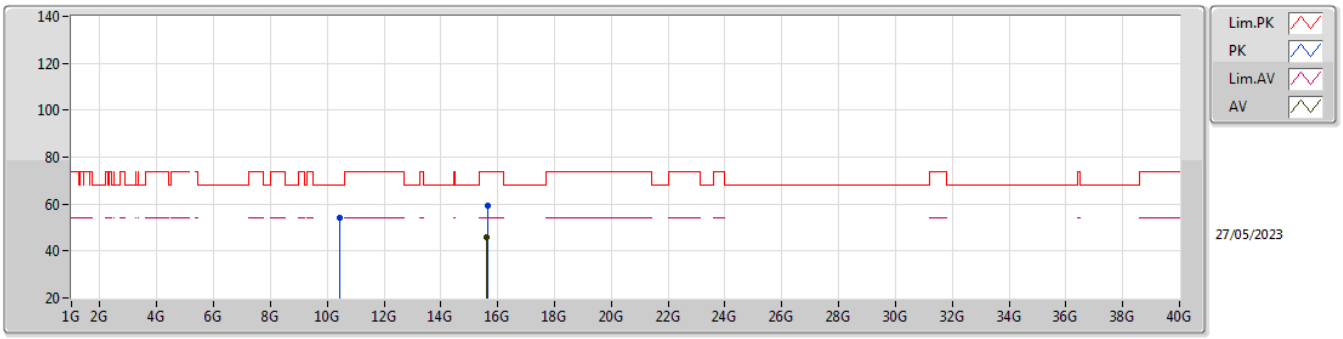


EUT Y_1TX
Setting 18.5
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41344G	54.12	68.20	-14.08	39.12	3	Vertical	242	2.60	-	38.40	8.44	31.84
PK	15.63268G	60.05	74.00	-13.95	43.40	3	Vertical	93	1.06	-	37.70	10.35	31.40
AV	15.63464G	46.03	54.00	-7.97	29.38	3	Vertical	93	1.06	-	37.70	10.35	31.40

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TX



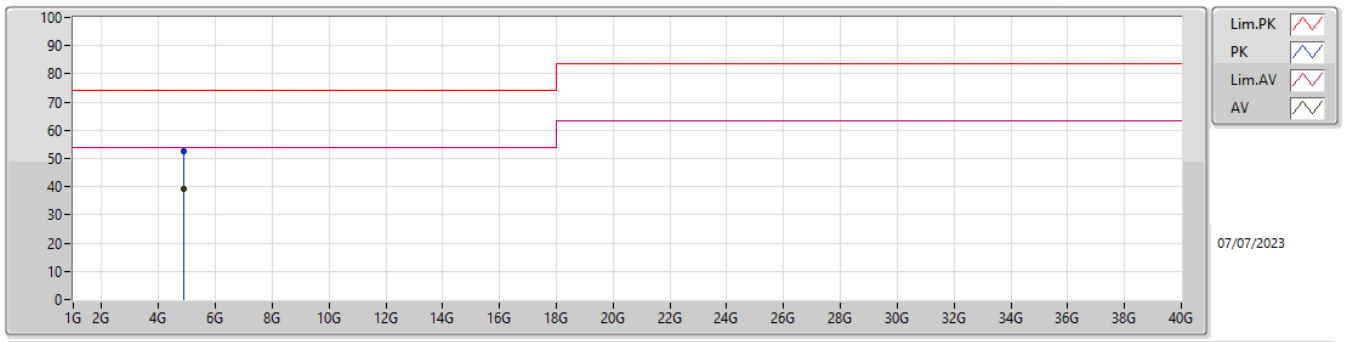
EUT Y_1TX
Setting 18.5
02-F-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4194G	53.88	68.20	-14.32	38.87	3	Horizontal	102	1.22	-	38.40	8.45	31.84
PK	15.63048G	59.37	74.00	-14.63	42.72	3	Horizontal	328	1.78	-	37.70	10.35	31.40
AV	15.63004G	46.07	54.00	-7.93	29.42	3	Horizontal	328	1.78	-	37.70	10.35	31.40

Summary

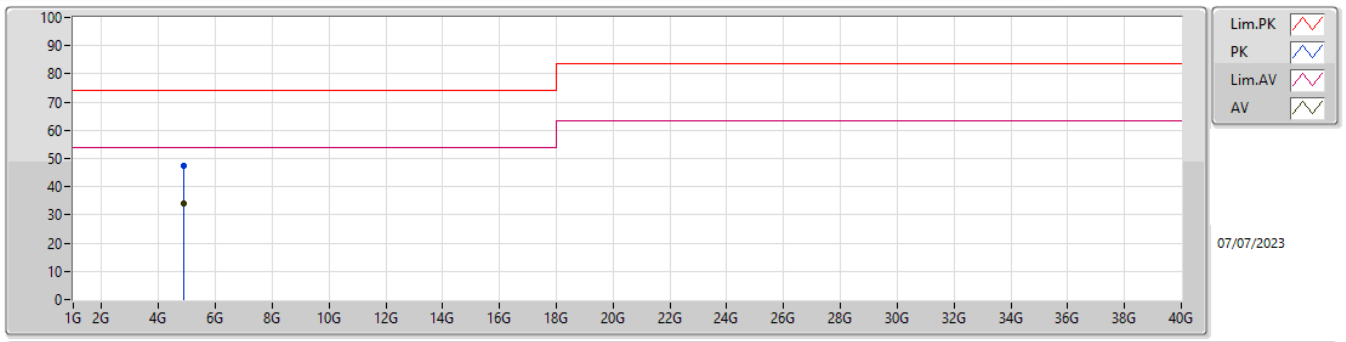
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87403G	39.23	54.00	-14.77	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	4.87393G	52.67	74.00	-21.33	5.54	3	Vertical	337	1.13	-	47.13	32.75	5.30	32.51
AV	4.87403G	39.23	54.00	-14.77	5.54	3	Vertical	337	1.13	-	33.69	32.75	5.30	32.51

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	4.8742G	47.31	74.00	-26.69	5.54	3	Horizontal	-0	1.47	-	41.77	32.75	5.30	32.51
AV	4.87388G	34.05	54.00	-19.95	5.54	3	Horizontal	-0	1.47	-	28.51	32.75	5.30	32.51