Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	ZQ6-AP6256
Equipment	:	Wi-Fi/Bluetooth Module
Brand Name	:	AMPAK Technology Inc.
Model Name	:	AP6256
Applicant	:	AMPAK Technology Inc. 3F, No. 1, Jen Al Road, Hsinchu Industrial Park,Hsinchu City 30352 , Taiwan (R.O.C.)
Manufacturer	:	Billionton Systems Inc No. 21, Shuili Rd., East Dist., Hsinchu City 300053 , Taiwan (R.O.C.)
Standard	:	47 CFR FCC Part 15.407

The product was received on Feb. 20, 2024, and testing was started from Feb. 20, 2024 and completed on Apr. 26, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR412211AB	01	Initial issue of report	May 13, 2024

Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
5725-5850		5775	155 [1]

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	802.11n HT40	40	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11n HT20	20	1TX
5.25-5.35GHz	802.11ac VHT20	20	1TX
5.25-5.35GHz	802.11n HT40	40	1TX
5.25-5.35GHz	802.11ac VHT40	40	1TX
5.25-5.35GHz	802.11ac VHT80	80	1TX
5.47-5.725GHz	802.11a	20	1TX
5.47-5.725GHz	802.11n HT20	20	1TX
5.47-5.725GHz	802.11ac VHT20	20	1TX
5.47-5.725GHz	802.11n HT40	40	1TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT40	40	1TX
5.47-5.725GHz	802.11ac VHT80	80	1TX
5.725-5.85GHz	802.11a	20	1TX
5.725-5.85GHz	802.11n HT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11n HT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ac VHT80	80	1TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	PULSE ELECTRONICS PTE LTD	TZ2412W	Dipole	Reversed-SMA	Note 1

Note 1:

Ant.	Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	3.68	4.65	3.68

Note 2: The above information was declared by manufacturer.

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

For IEEE 802.11 b/g/n (1TX/1RX):

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

For 5GHz function:

For IEEE 802.11a/n/ac (1TX/1RX):

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

For Bluetooth function (1TX/1RX):

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.93	0.32	1.398m	1k
802.11ac VHT20_Nss 1,(M0)	0.931	0.31	1.324m	1k
802.11ac VHT40_Nss 1,(M0)	0.869	0.61	663.75u	3k
802.11ac VHT80_Nss 1,(M0)	0.772	1.12	333.75u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☐	Indoor P2M
	☐	Fixed P2P	☒	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☐	With TPC	☒	Without TPC
Test Software Version	DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Nyle Chang	21.5~22.9 / 66~69	Feb. 21, 2024~ Feb. 27, 2024
Radiated < 1GHz	03CH05-CB	Roy Mai	21.9~22.4 / 55~58	Feb. 20, 2024~ Apr. 26, 2024
Radiated > 1GHz	03CH06-CB	Roy Mai	21.4~22.5 / 55~58	Feb. 20, 2024~ Apr. 26, 2024
AC Conduction	CO01-CB	Bob Chang	22~23 / 50~51	Mar. 21, 2024~ Apr. 22, 2024

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5745MHz
5785MHz
5825MHz
802.11ac VHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5745MHz
5785MHz
5825MHz
802.11ac VHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5755MHz
5795MHz
802.11ac VHT80_Nss1,(MCS0)_1TX
5210MHz
5290MHz
5530MHz
5610MHz
5775MHz

Note:
- VHT20 / VHT40 covers HT20 / HT40 due to similar modulation. The power setting of HT20 / HT40 modes are the same or lower than VHT20 / VHT40.

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_Bluetooth
2	EUT_WLAN 2.4GHz
3	EUT_WLAN 5GHz
For operating, mode 2 is the worst case and it was recorded in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis positions with each function at Radiated measurement > 1GH, and the worst cases were found at Y axis for WLAN 2.4GHz, X axis for Bluetooth, and Z axis for WLAN 5GHz. Thus, the measurement will follow these same test configurations.
1	EUT in X axis_Bluetooth
2	EUT in Y axis_WLAN 2.4GHz
3	EUT in Z axis_WLAN 5GHz
For operating, mode 2 is the worst case and it was recorded in this test report.	

Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis positions, and the worst cases were found at X axis for bandedge and Z axis for harmonic. Thus, the measurement will follow these same test configurations.
1	EUT in X axis (Bandedge) EUT in Z axis (Harmonic)

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	WIFI Fixture	AMPAK Technology Inc.	A113D_EVB_V01	N/A
B	EUT Fixture	AMPAK Technology Inc.	AP6256	N/A
C	Power Supply	MOTECH	LPS-305	N/A
D	AP Router NB	DELL	E6430	N/A
E	AP Router	TP-LINK	Archer C54	N/A

For Radiated:

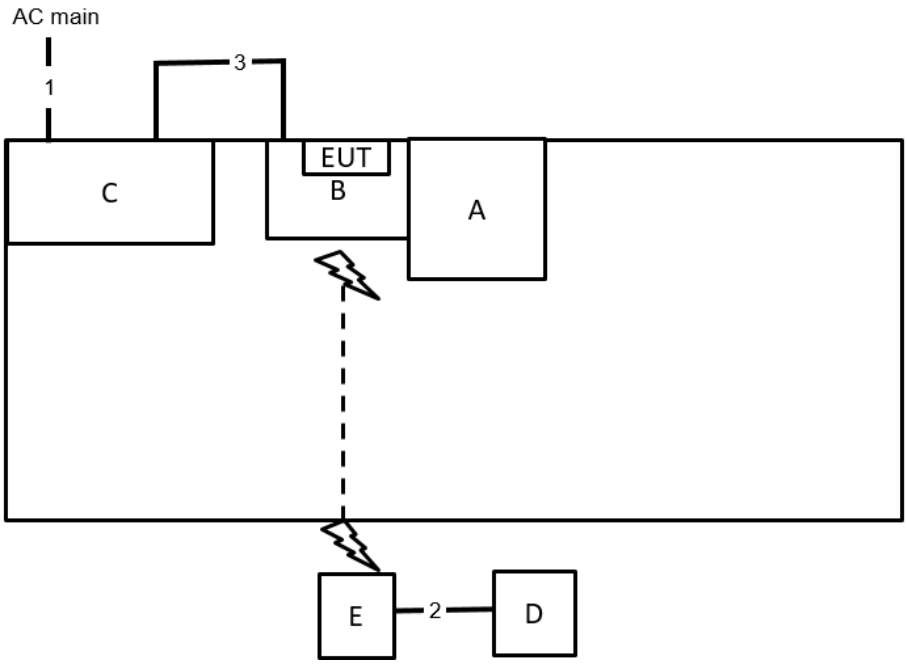
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	EUT Fixture	AMPAK Technology Inc.	AP6256	N/A
B	WIFI Fixture	AMPAK Technology Inc.	A113D_EVB_V01	N/A
C	USB adapter	HANG	C6	N/A
D	DC Power Supply	MOTECH	LPS-305	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	EUT Fixture	AMPAK Technology Inc.	AP6256	N/A
B	WIFI Fixture	AMPAK Technology Inc.	AP6255_EVB_V01	N/A
C	PC	AMPAK Technology Inc.	H81-PLUS	N/A

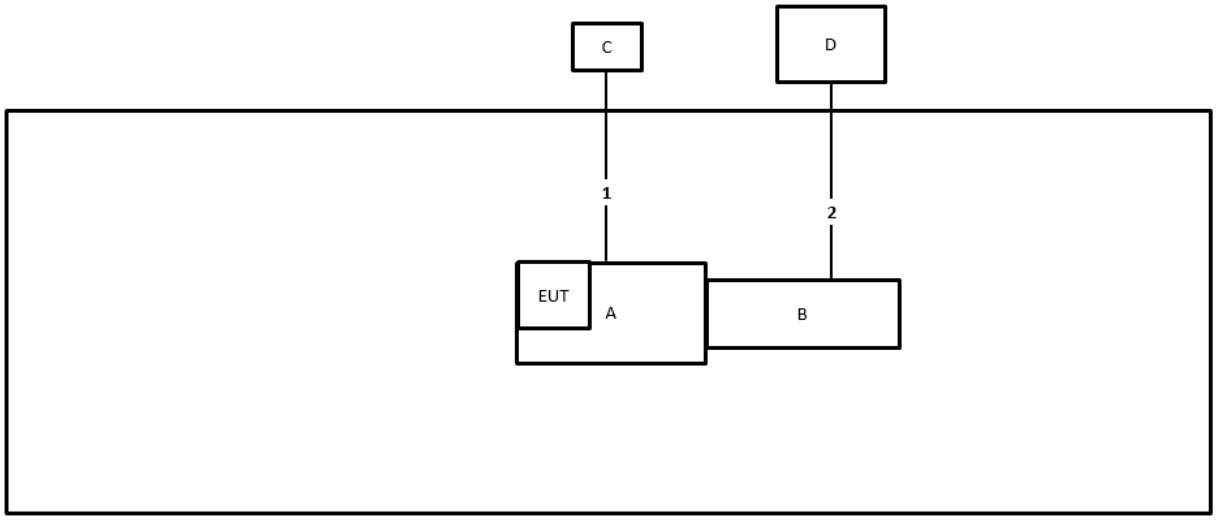
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	1.5m
3	DC cable*2	No	0.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	USB cable	Yes	1.5m
2	DC cable*2	No	0.2m

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

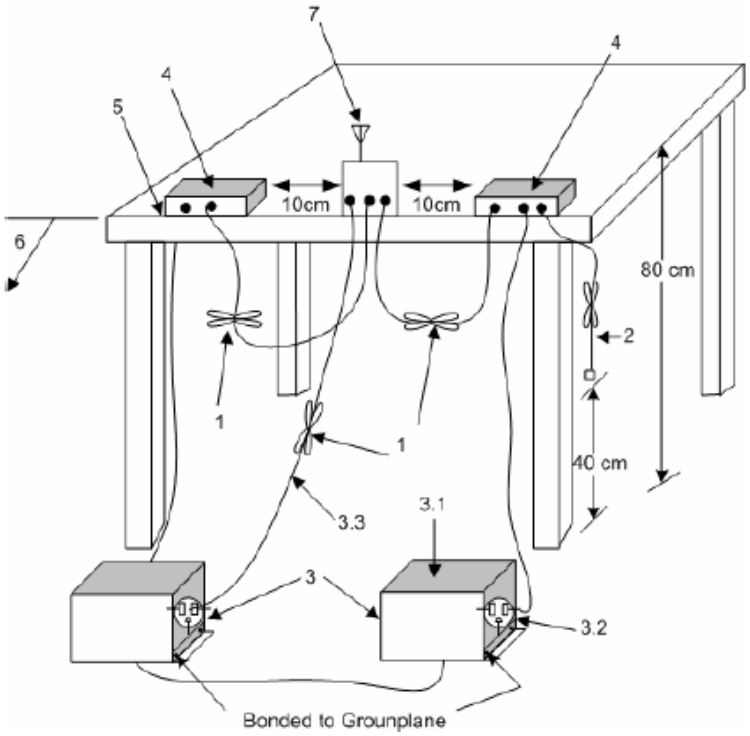
Refer a test equipment and calibration data table in this test report.

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.

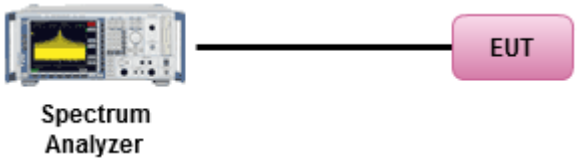
3.2.2 Measuring Instruments

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:
	▪ For other devices: 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.
	▪ Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band:
	▪ For other devices: The maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and 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
	▪ Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 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 conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.

☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Conducted Measurement (Power Meter)

3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

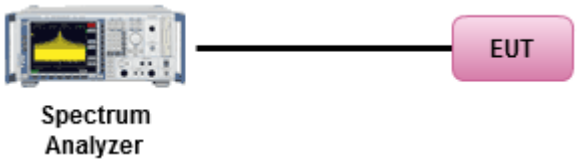
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	[duty cycle ≥ 98% or external video / power trigger]	
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
☒ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☐ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐ For radiated measurement.		
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

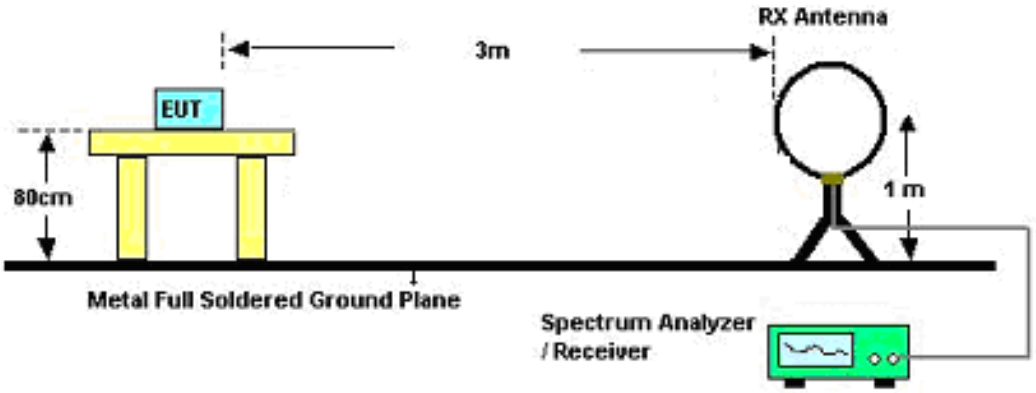
3.5.3 Test Procedures

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

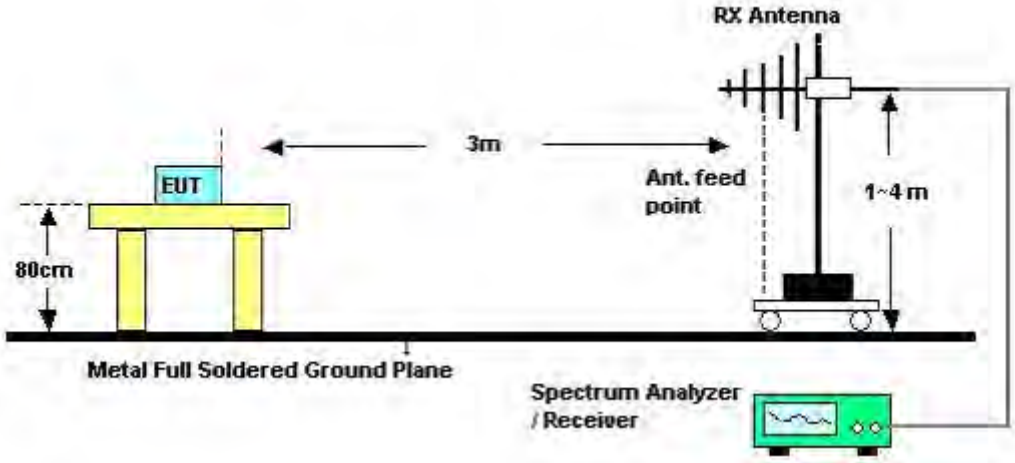
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

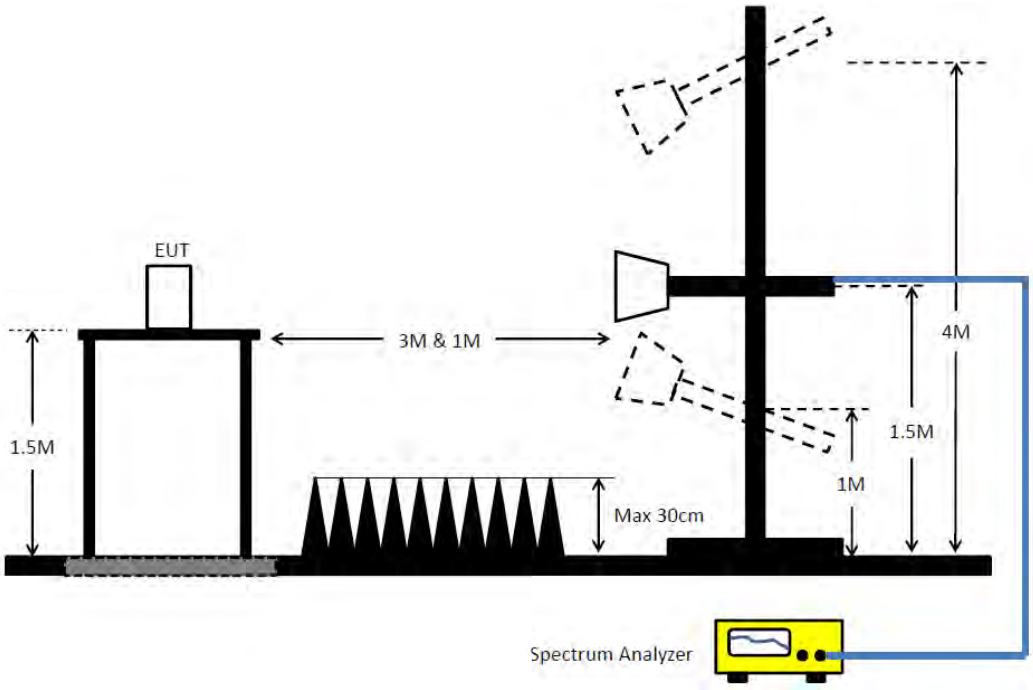
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30MHz ~ 1GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 29, 2023	May 28, 2024	Radiation (03CH06-CB
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz –18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz –18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz –18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1GHz –18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1GHz –18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

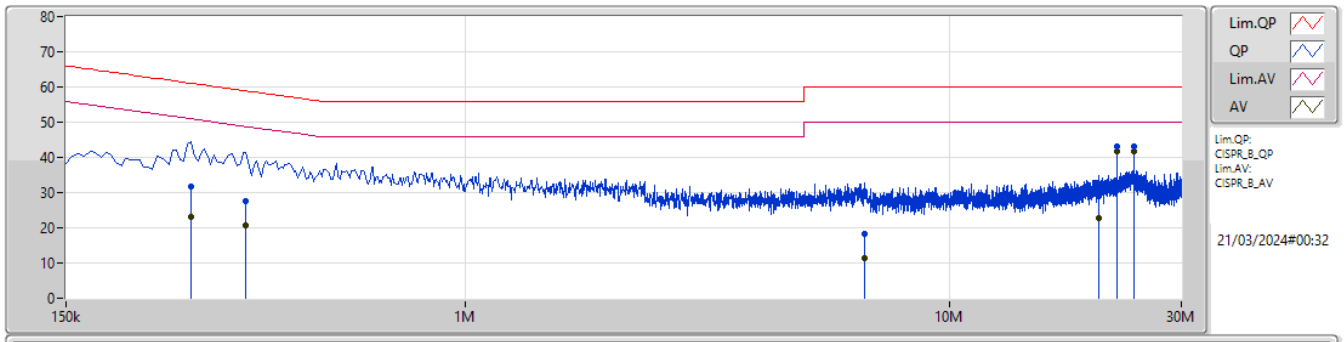
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

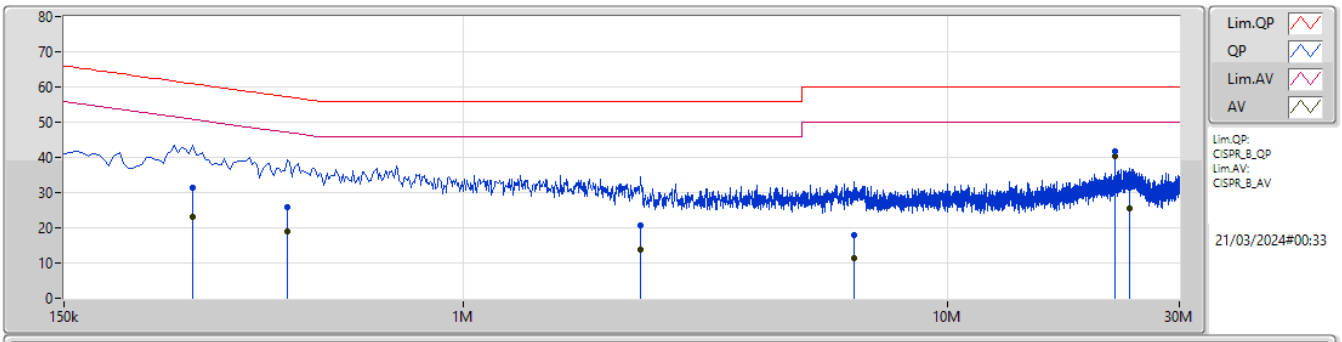
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	24.009M	41.60	50.00	-8.40	Line

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	271.5k	31.56	61.07	-29.51	9.97	Line	-	21.59	0.08	0.02	9.87
AV	271.5k	23.27	51.07	-27.80	9.97	Line	-	13.30	0.08	0.02	9.87
QP	352.5k	27.58	58.91	-31.33	9.99	Line	-	17.59	0.09	0.02	9.88
AV	352.5k	20.74	48.91	-28.17	9.99	Line	-	10.75	0.09	0.02	9.88
QP	6.662M	18.15	60.00	-41.85	10.26	Line	-	7.89	0.21	0.14	9.91
AV	6.662M	11.44	50.00	-38.56	10.26	Line	-	1.18	0.21	0.14	9.91
QP	20.274M	28.90	60.00	-31.10	10.55	Line	-	18.35	0.30	0.23	10.02
AV	20.274M	22.77	50.00	-27.23	10.55	Line	-	12.22	0.30	0.23	10.02
QP	22.119M	43.03	60.00	-16.97	10.57	Line	-	32.46	0.31	0.23	10.03
AV	22.119M	41.59	50.00	-8.41	10.57	Line	-	31.02	0.31	0.23	10.03
QP	24.009M	42.97	60.00	-17.03	10.59	Line	-	32.38	0.31	0.24	10.04
AV	24.009M	41.60	50.00	-8.40	10.59	Line	"Worst"	31.01	0.31	0.24	10.04

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	276k	31.40	60.93	-29.53	9.96	Neutral	-	21.44	0.07	0.02	9.87
AV	276k	23.07	50.93	-27.86	9.96	Neutral	-	13.11	0.07	0.02	9.87
QP	433.5k	25.94	57.19	-31.25	9.98	Neutral	-	15.96	0.07	0.02	9.89
AV	433.5k	19.11	47.19	-28.08	9.98	Neutral	-	9.13	0.07	0.02	9.89
QP	2.324M	20.60	56.00	-35.40	10.09	Neutral	-	10.51	0.11	0.09	9.89
AV	2.324M	13.94	46.00	-32.06	10.09	Neutral	-	3.85	0.11	0.09	9.89
QP	6.387M	17.98	60.00	-42.02	10.23	Neutral	-	7.75	0.18	0.14	9.91
AV	6.387M	11.21	50.00	-38.79	10.23	Neutral	-	0.98	0.18	0.14	9.91
QP	22.119M	41.74	60.00	-18.26	10.57	Neutral	-	31.17	0.31	0.23	10.03
AV	22.119M	40.22	50.00	-9.78	10.57	Neutral	"Worst"	29.65	0.31	0.23	10.03
QP	23.735M	31.44	60.00	-28.56	10.61	Neutral	-	20.83	0.33	0.24	10.04
AV	23.735M	25.64	50.00	-24.36	10.61	Neutral	-	15.03	0.33	0.24	10.04

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	38.28M	26.72M	26M7D1D	20.405M	16.522M
802.11ac VHT20_Nss1,(MCS0)_1TX	41.8M	28.238M	28M2D1D	20.625M	17.729M
802.11ac VHT40_Nss1,(MCS0)_1TX	57.09M	36.704M	36M7D1D	38.28M	36.283M
802.11ac VHT80_Nss1,(MCS0)_1TX	79.2M	75.537M	75M5D1D	79.2M	75.537M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	36.52M	25.82M	25M8D1D	22.99M	16.537M
802.11ac VHT20_Nss1,(MCS0)_1TX	45.87M	27.149M	27M1D1D	20.845M	17.595M
802.11ac VHT40_Nss1,(MCS0)_1TX	45.54M	36.504M	36M5D1D	38.61M	36.089M
802.11ac VHT80_Nss1,(MCS0)_1TX	80.3M	75.408M	75M4D1D	80.3M	75.408M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	35.365M	23.264M	23M3D1D	20.295M	16.411M
802.11ac VHT20_Nss1,(MCS0)_1TX	37.895M	25.912M	25M9D1D	20.625M	17.611M
802.11ac VHT40_Nss1,(MCS0)_1TX	64.46M	42.886M	42M9D1D	38.39M	36.024M
802.11ac VHT80_Nss1,(MCS0)_1TX	96.14M	75.466M	75M5D1D	78.98M	75.106M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.335M	30.515M	30M5D1D	13.86M	29.027M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.655M	32.605M	32M6D1D	15.675M	30.711M
802.11ac VHT40_Nss1,(MCS0)_1TX	35.75M	55.507M	55M5D1D	35.64M	51.349M
802.11ac VHT80_Nss1,(MCS0)_1TX	75.24M	76.361M	76M4D1D	75.24M	76.361M

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

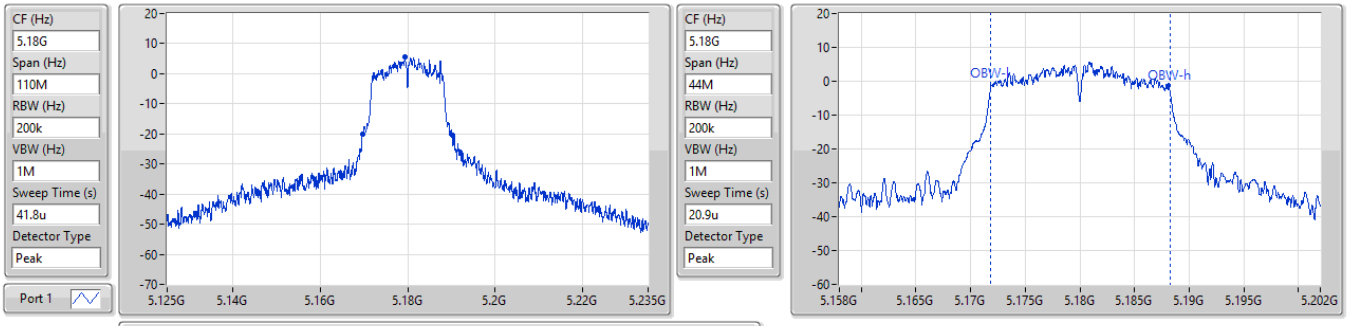
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.405M	16.522M
5200MHz	Pass	Inf	29.095M	18.973M
5240MHz	Pass	Inf	38.28M	26.72M
5260MHz	Pass	Inf	36.52M	25.82M
5300MHz	Pass	Inf	33.88M	18.992M
5320MHz	Pass	Inf	22.99M	16.537M
5500MHz	Pass	Inf	20.625M	16.65M
5580MHz	Pass	Inf	35.365M	23.264M
5700MHz	Pass	Inf	20.295M	16.411M
5745MHz	Pass	500k	16.335M	29.027M
5785MHz	Pass	500k	13.86M	29.156M
5825MHz	Pass	500k	16.06M	30.515M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.625M	17.729M
5200MHz	Pass	Inf	38.72M	25.523M
5240MHz	Pass	Inf	41.8M	28.238M
5260MHz	Pass	Inf	45.87M	27.149M
5300MHz	Pass	Inf	29.48M	19.856M
5320MHz	Pass	Inf	20.845M	17.595M
5500MHz	Pass	Inf	20.79M	17.649M
5580MHz	Pass	Inf	37.895M	25.912M
5700MHz	Pass	Inf	20.625M	17.611M
5745MHz	Pass	500k	17.655M	30.711M
5785MHz	Pass	500k	17.545M	32.605M
5825MHz	Pass	500k	15.675M	32.108M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	38.28M	36.283M
5230MHz	Pass	Inf	57.09M	36.704M
5270MHz	Pass	Inf	45.54M	36.504M
5310MHz	Pass	Inf	38.61M	36.089M
5510MHz	Pass	Inf	38.39M	36.24M
5550MHz	Pass	Inf	64.46M	42.886M
5670MHz	Pass	Inf	38.39M	36.024M
5755MHz	Pass	500k	35.75M	55.507M
5795MHz	Pass	500k	35.64M	51.349M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	79.2M	75.537M
5290MHz	Pass	Inf	80.3M	75.408M
5530MHz	Pass	Inf	78.98M	75.106M
5610MHz	Pass	Inf	96.14M	75.466M
5775MHz	Pass	500k	75.24M	76.361M

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

27/02/2024

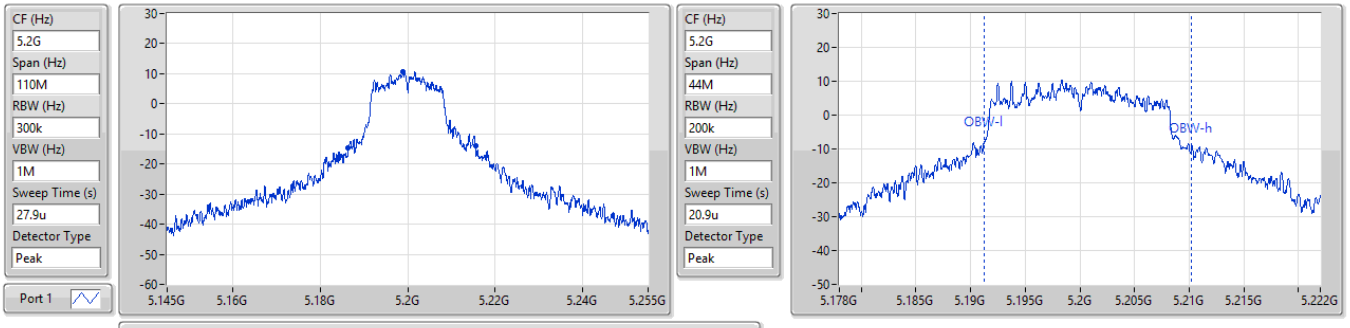


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.16977G	5.190175G	16.522M	5.171785G	5.188307G	Inf	1

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

5200MHz

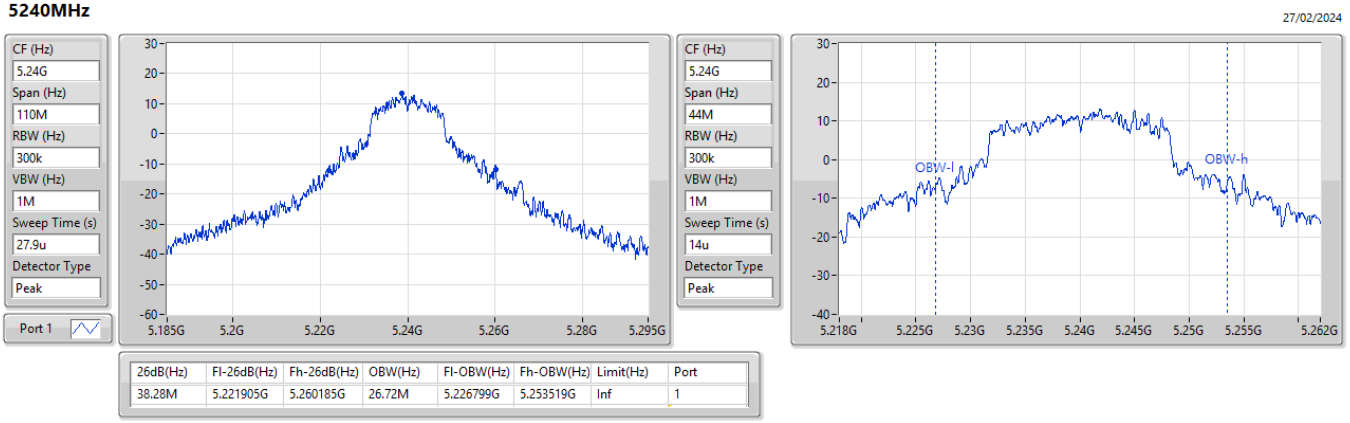
27/02/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.095M	5.186415G	5.21551G	18.973M	5.191202G	5.210175G	Inf	1

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

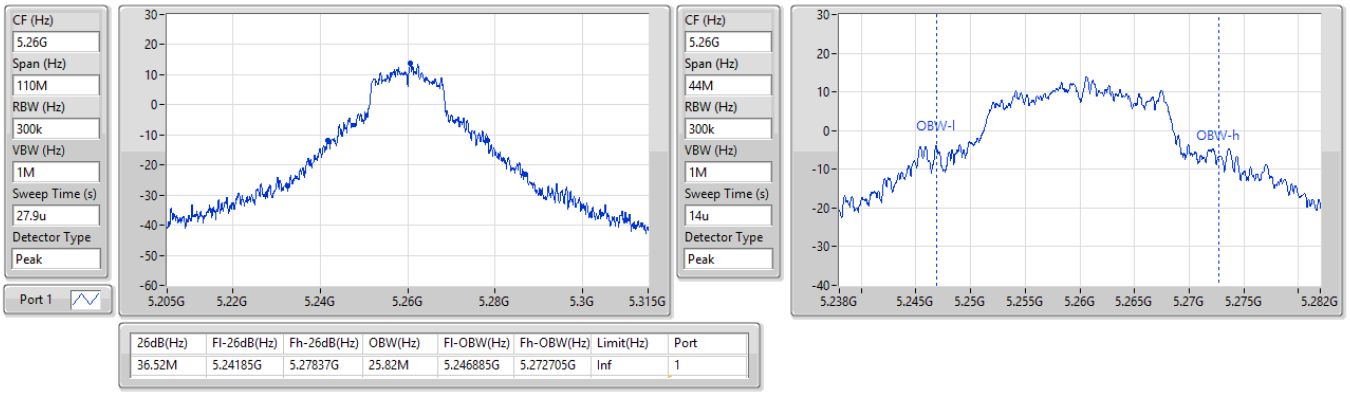
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.28M	5.221905G	5.260185G	26.72M	5.226799G	5.253519G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5260MHz

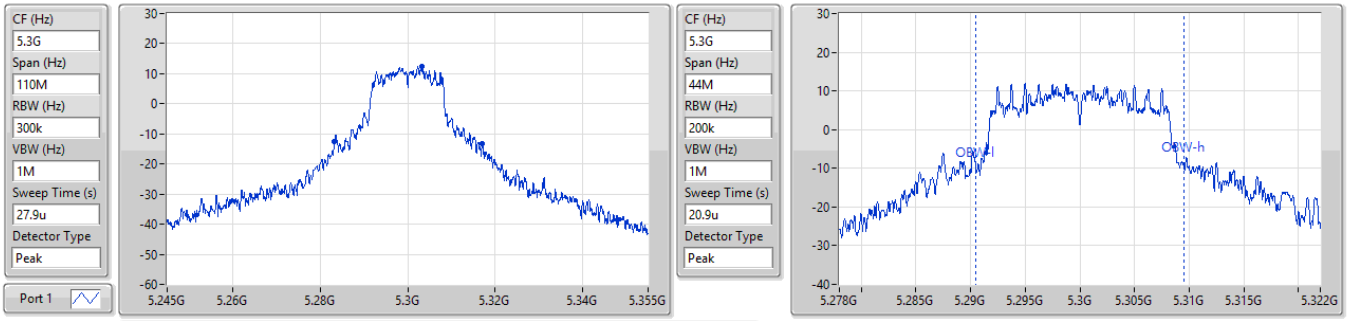


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.52M	5.24185G	5.27837G	25.82M	5.246885G	5.272705G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5300MHz

27/02/2024

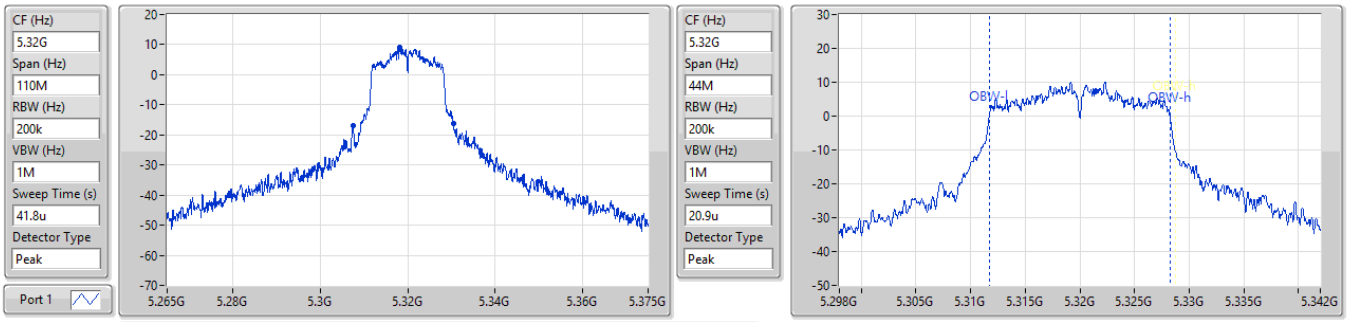


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.88M	5.28328G	5.31716G	18.992M	5.290503G	5.309496G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5320MHz

27/02/2024

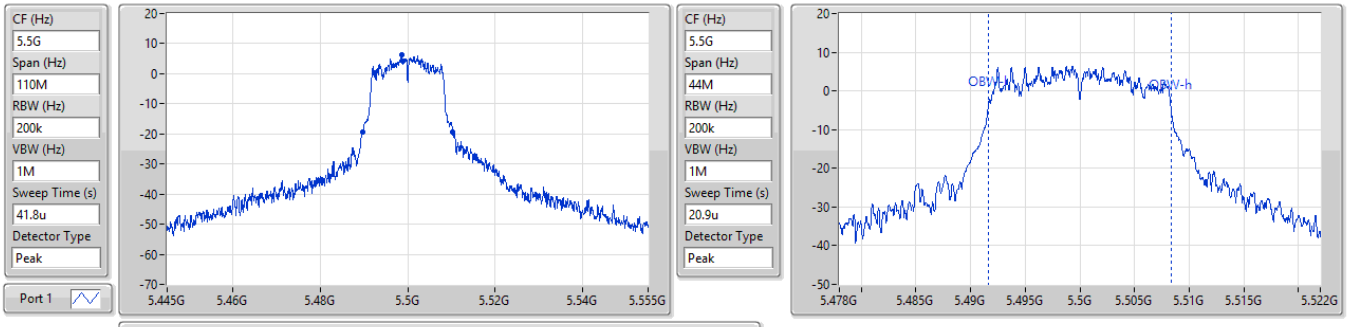


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.99M	5.30746G	5.33045G	16.537M	5.311699G	5.328236G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5500MHz

27/02/2024

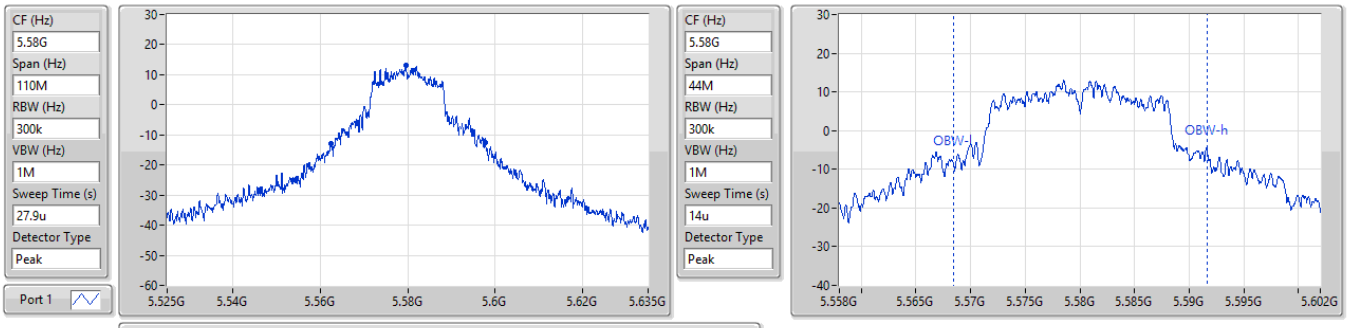


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.48966G	5.510285G	16.65M	5.491669G	5.508319G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5580MHz

27/02/2024

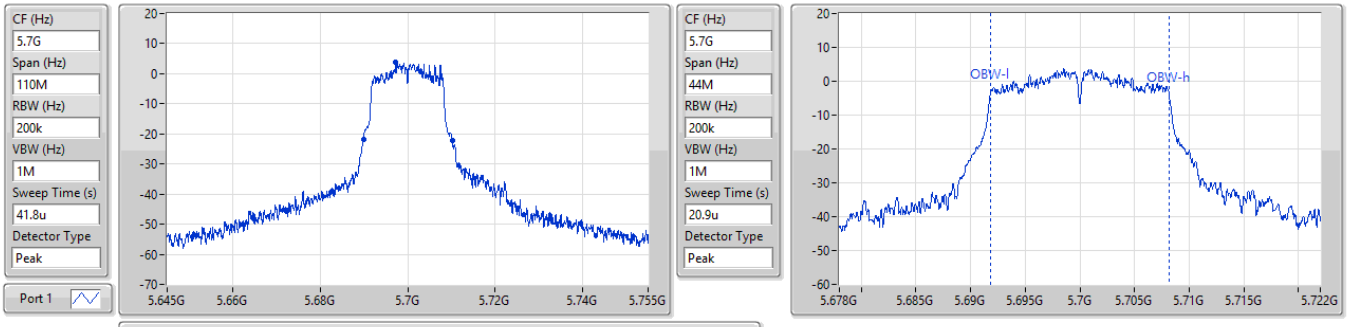


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.365M	5.562455G	5.59782G	23.264M	5.568398G	5.591662G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5700MHz

27/02/2024

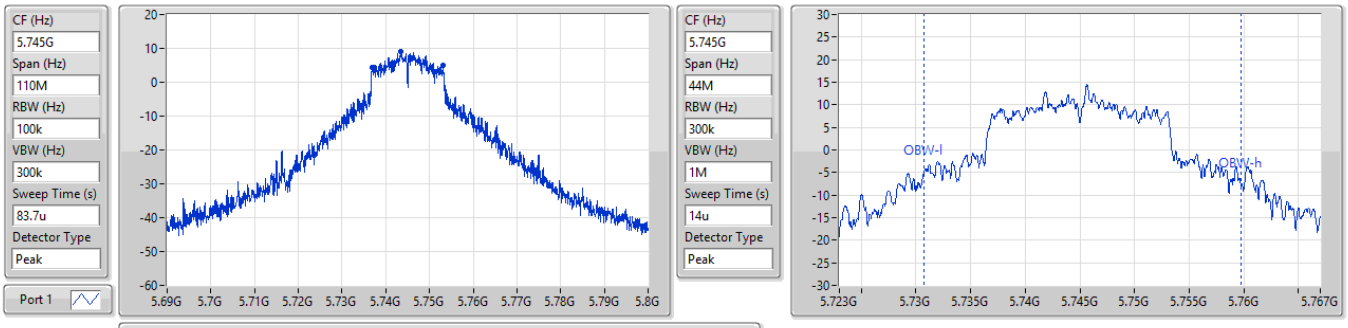


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.295M	5.68988G	5.710175G	16.411M	5.691791G	5.708203G	Inf	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5745MHz

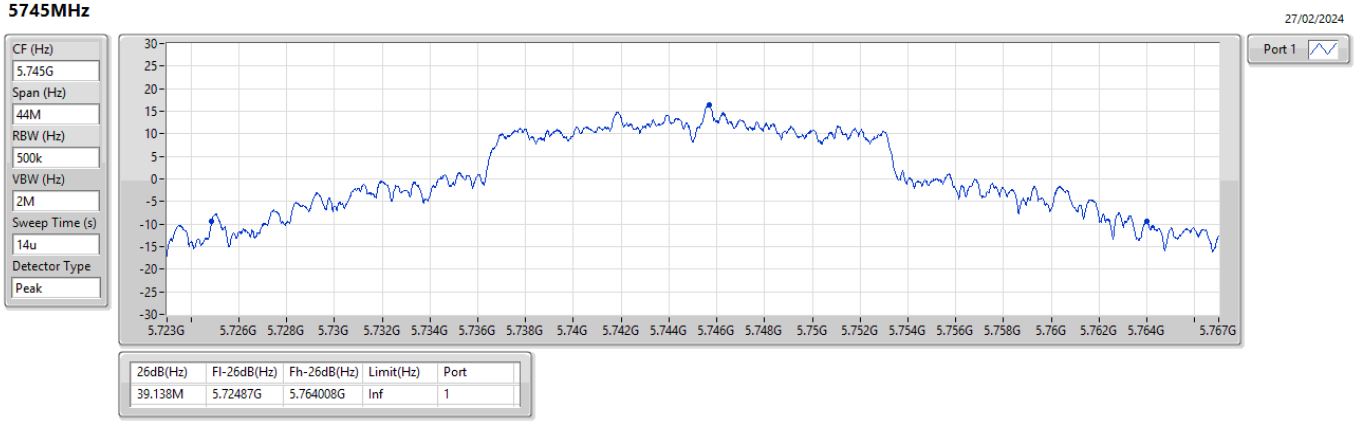
27/02/2024



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.335M	5.736805G	5.75314G	29.027M	5.73074G	5.759768G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

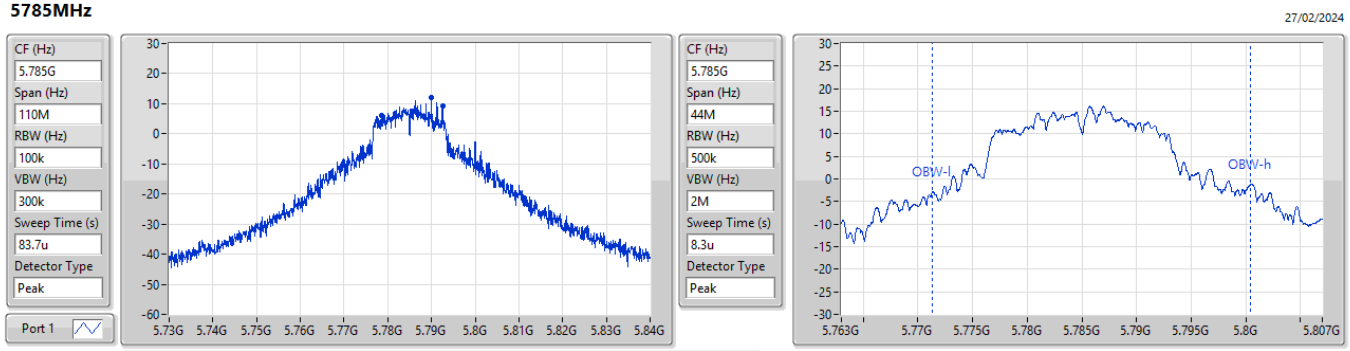
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
39.138M	5.72487G	5.764008G	Inf	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

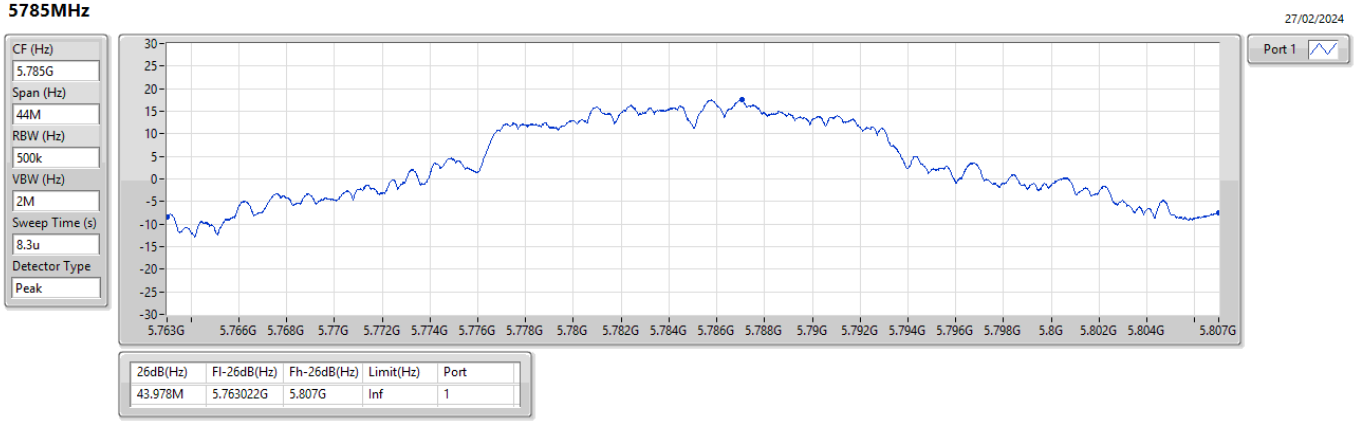
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.86M	5.778675G	5.792535G	29.156M	5.771271G	5.800426G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

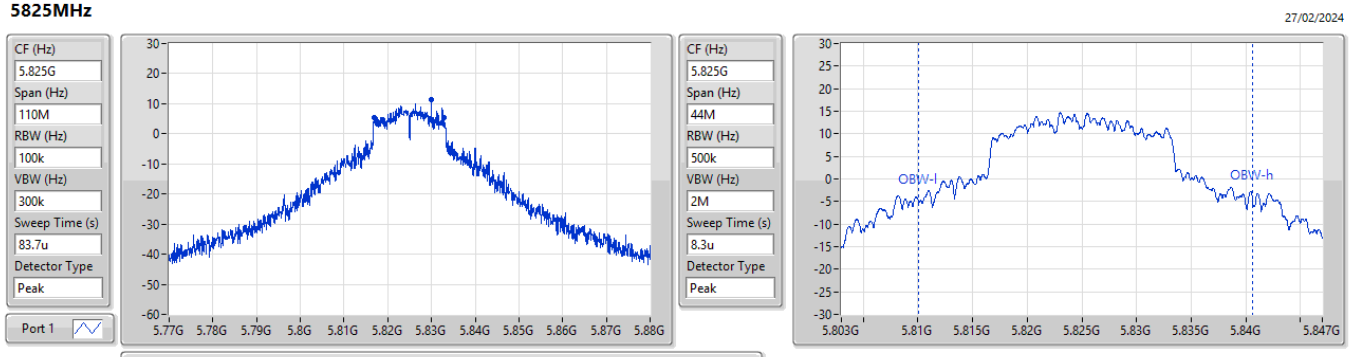
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
43.978M	5.763022G	5.807G	Inf	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

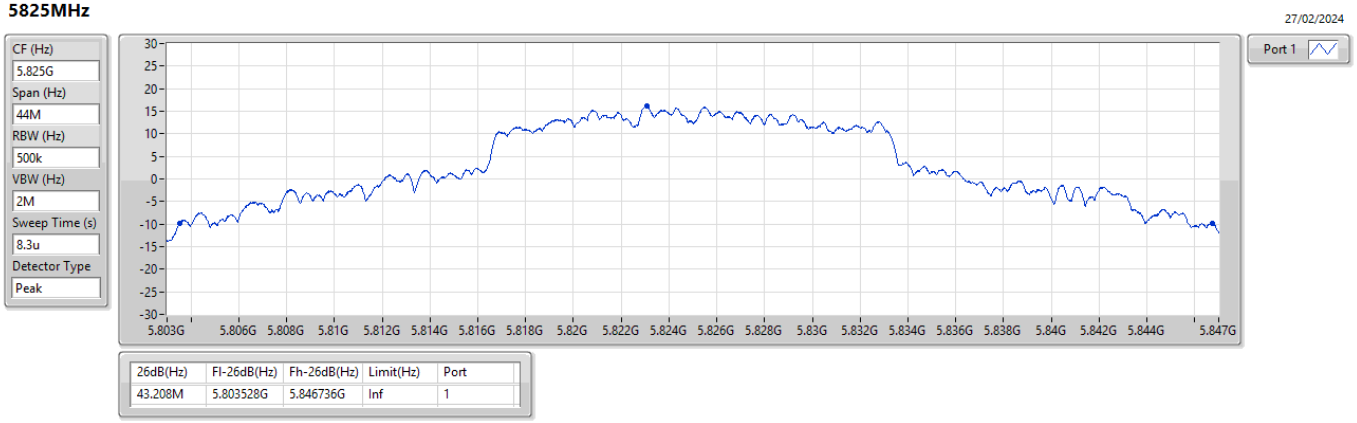
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.06M	5.816805G	5.832865G	30.515M	5.810058G	5.840573G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

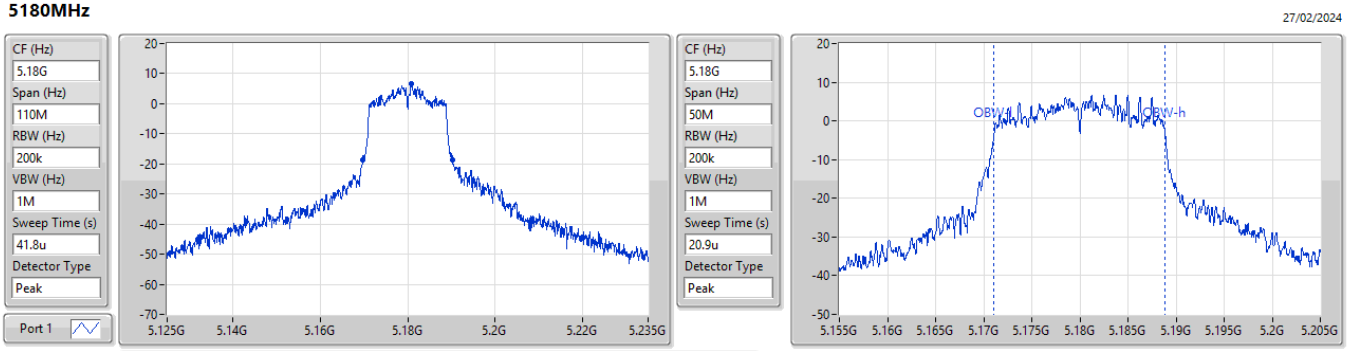
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
43.208M	5.803528G	5.846736G	Inf	1

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5180MHz

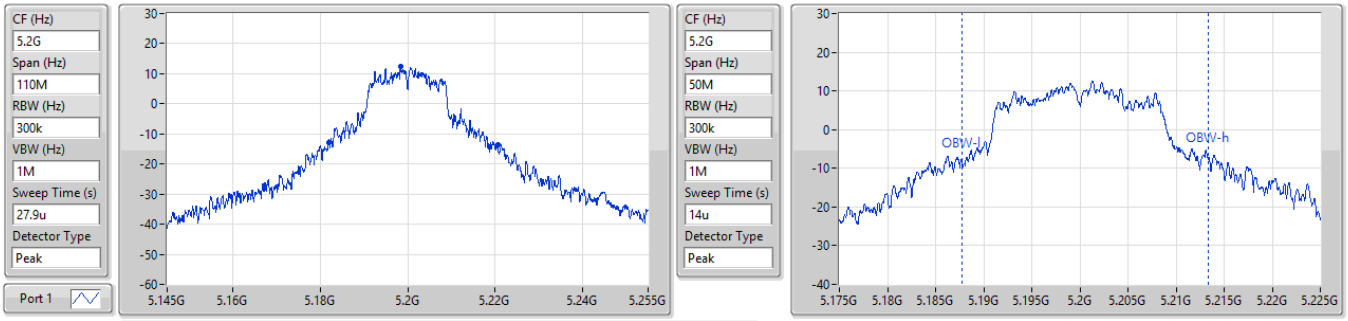


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.169715G	5.19034G	17.729M	5.171084G	5.188813G	Inf	1

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5200MHz

27/02/2024

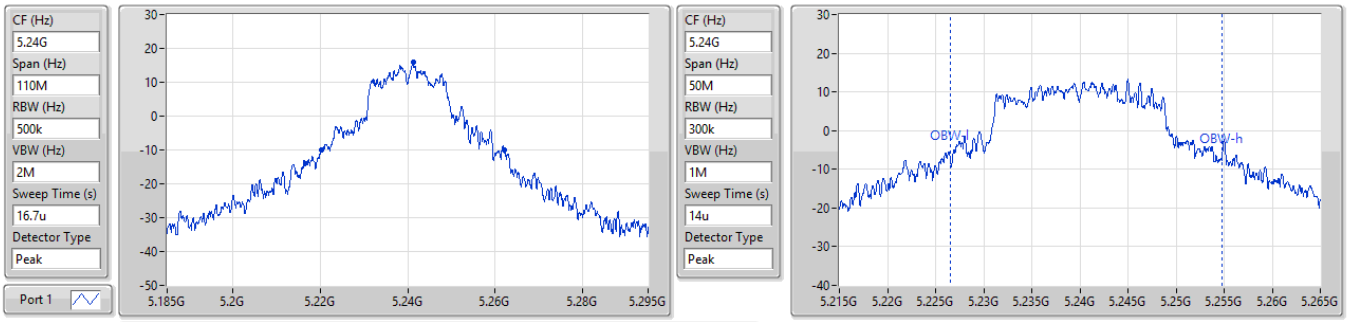


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.72M	5.181905G	5.220625G	25.523M	5.187778G	5.213301G	Inf	1

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5240MHz

27/02/2024

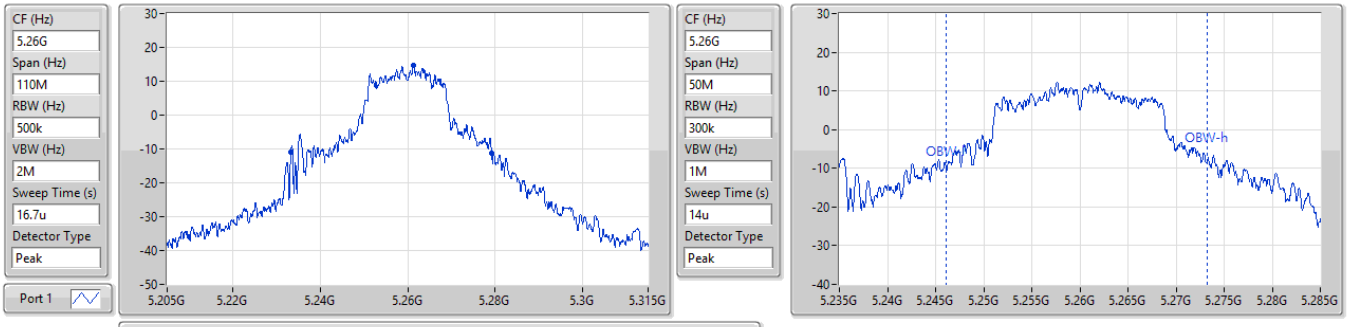


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.8M	5.22031G	5.26211G	28.238M	5.226512G	5.25475G	Inf	1

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5260MHz

27/02/2024

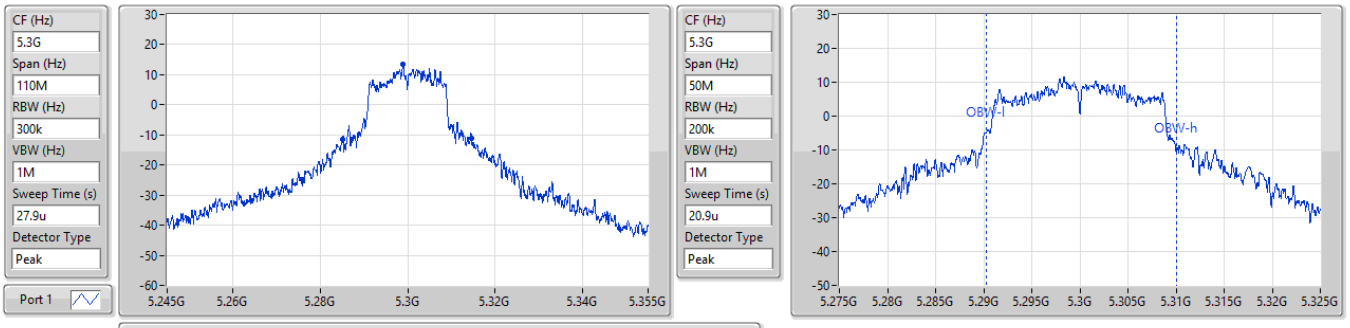


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.87M	5.233325G	5.279195G	27.149M	5.246146G	5.273295G	Inf	1

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5300MHz

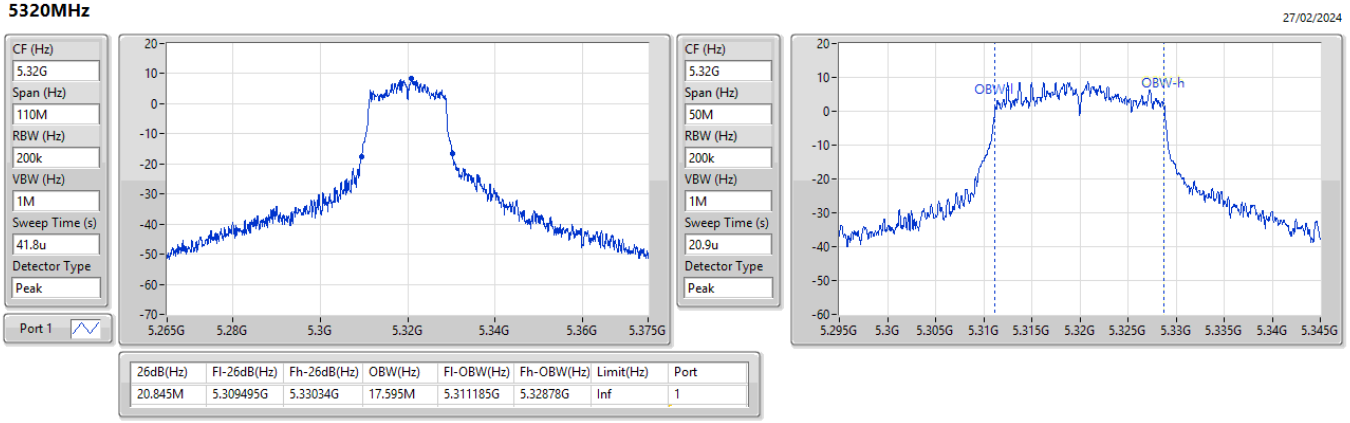
27/02/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.48M	5.28515G	5.31463G	19.856M	5.290231G	5.310087G	Inf	1

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

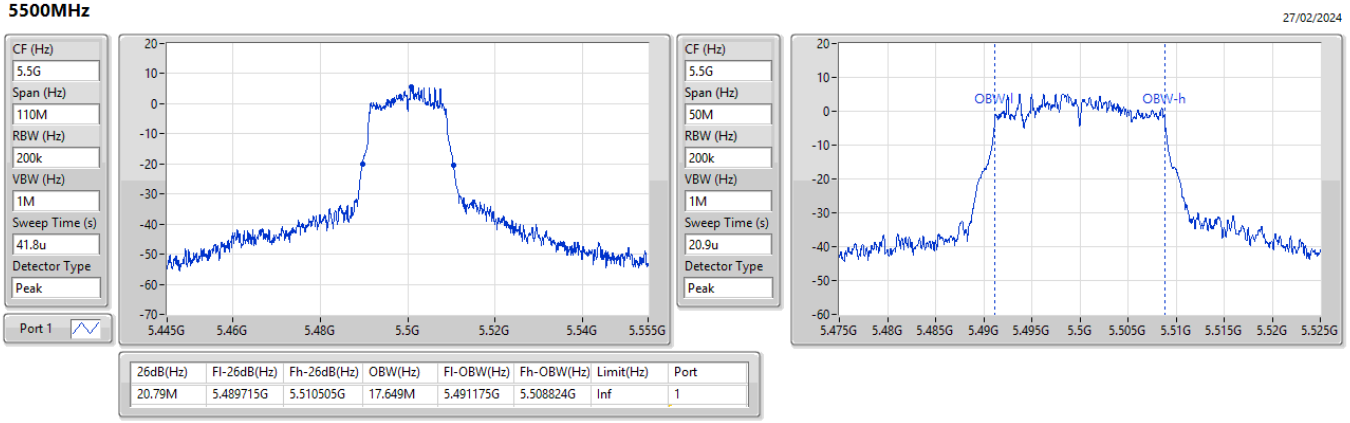
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.845M	5.309495G	5.33034G	17.595M	5.311185G	5.32878G	Inf	1

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5500MHz

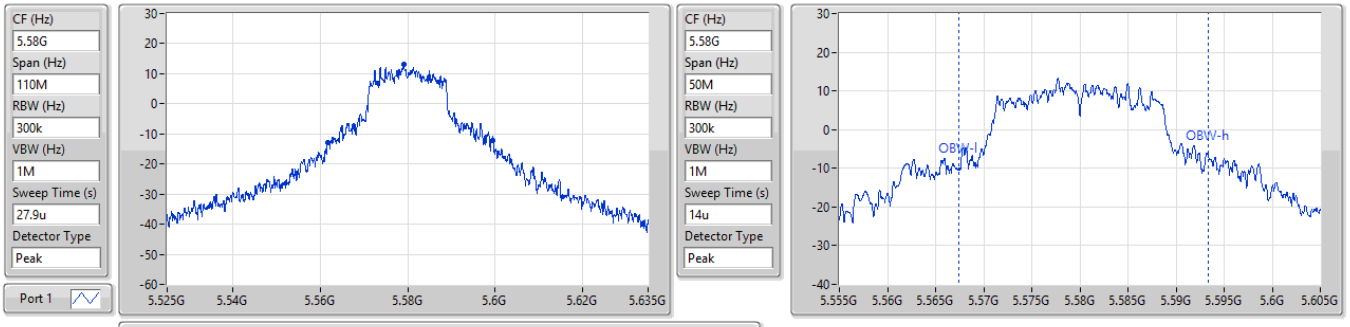


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.489715G	5.510505G	17.649M	5.491175G	5.508824G	Inf	1

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5580MHz

27/02/2024

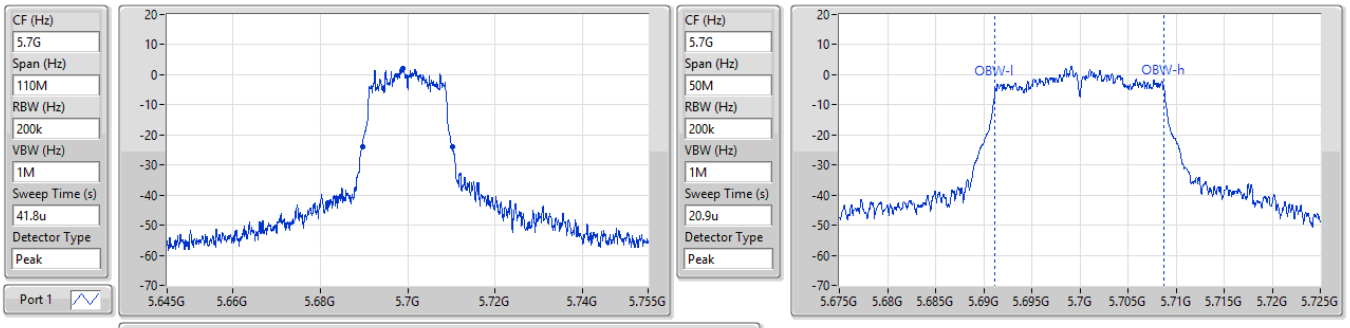


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.895M	5.561685G	5.59958G	25.912M	5.567425G	5.593337G	Inf	1

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5700MHz

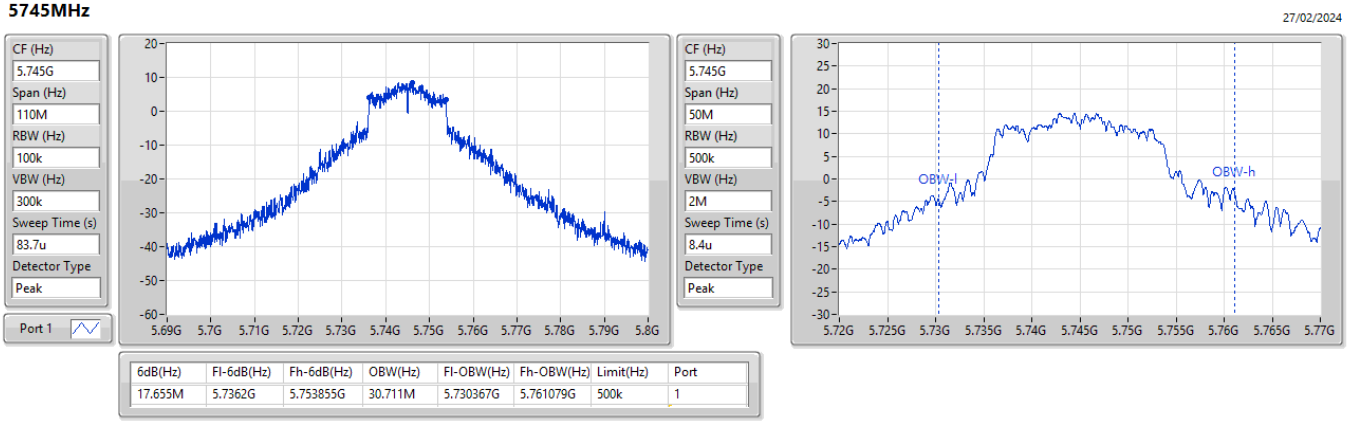
27/02/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.689605G	5.71023G	17.611M	5.691179G	5.70879G	Inf	1

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

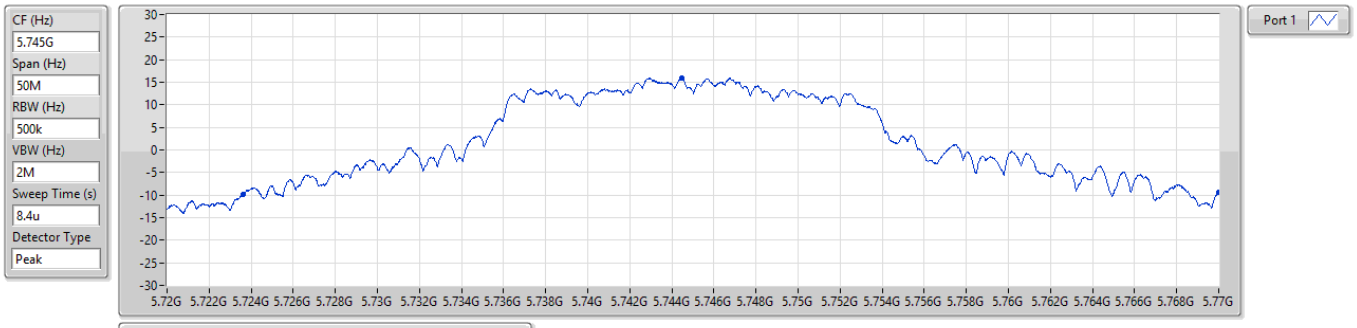
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.655M	5.7362G	5.753855G	30.711M	5.730367G	5.761079G	500k	1

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5745MHz

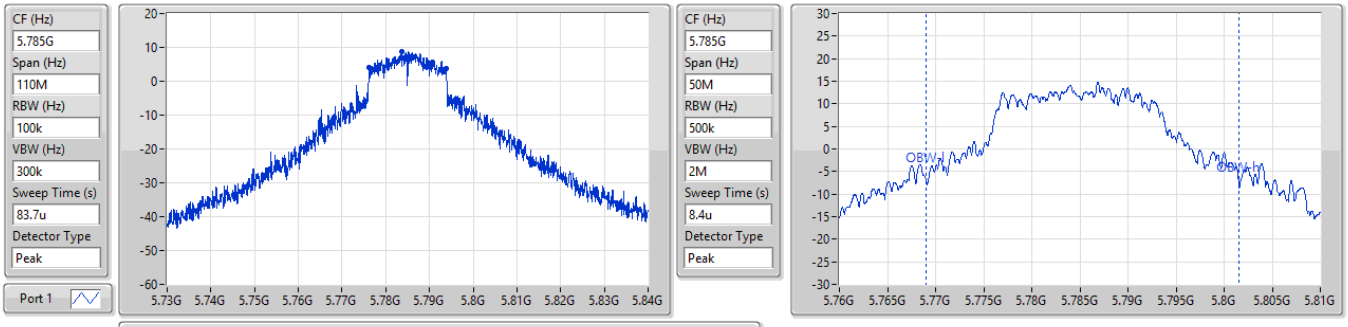


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
46.375M	5.723625G	5.77G	Inf	1

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5785MHz

27/02/2024

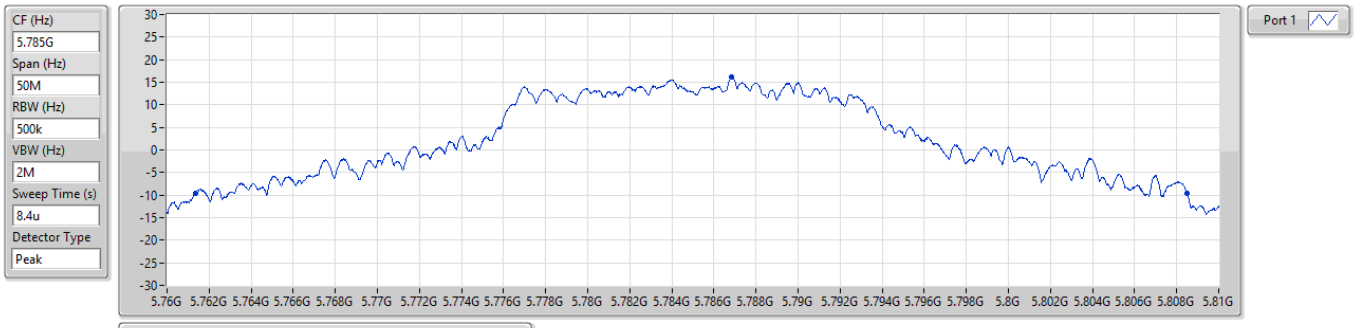


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.545M	5.7762G	5.793745G	32.605M	5.768974G	5.801579G	500k	1

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5785MHz

27/02/2024

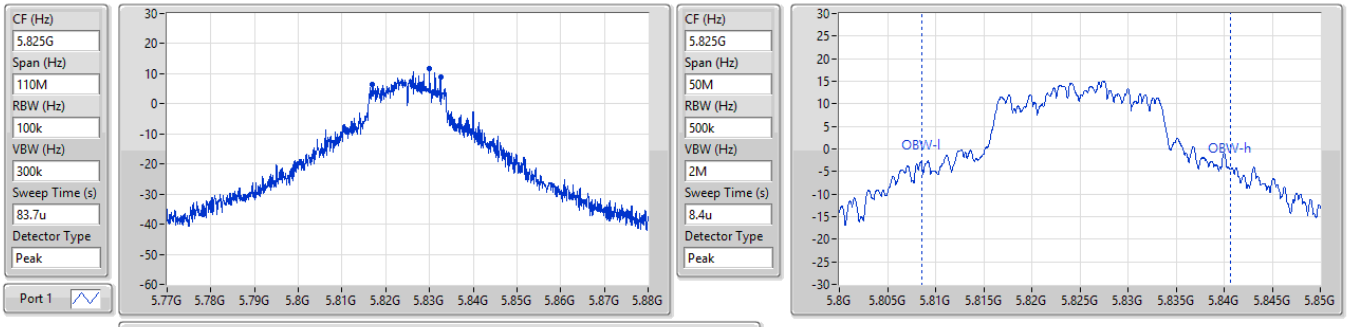


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
47.15M	5.76135G	5.8085G	Inf	1

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5825MHz

27/02/2024

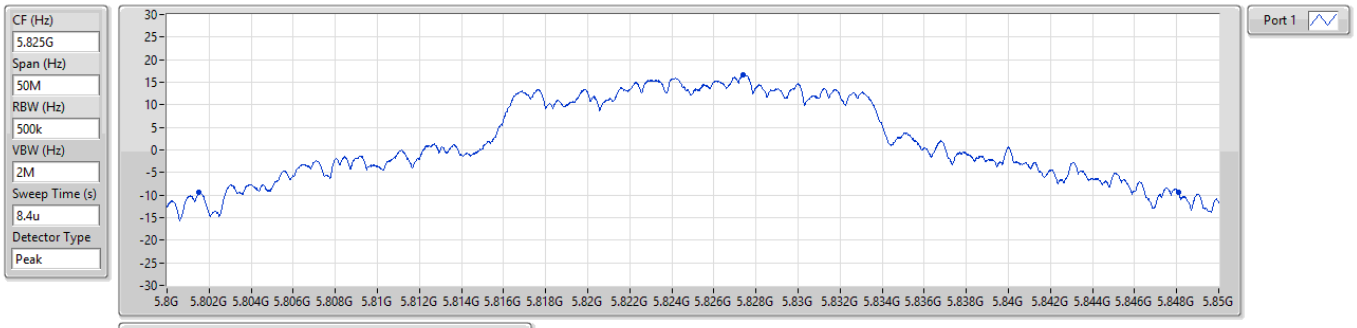


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.675M	5.81686G	5.832535G	32.108M	5.808582G	5.84069G	500k	1

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

5825MHz

27/02/2024

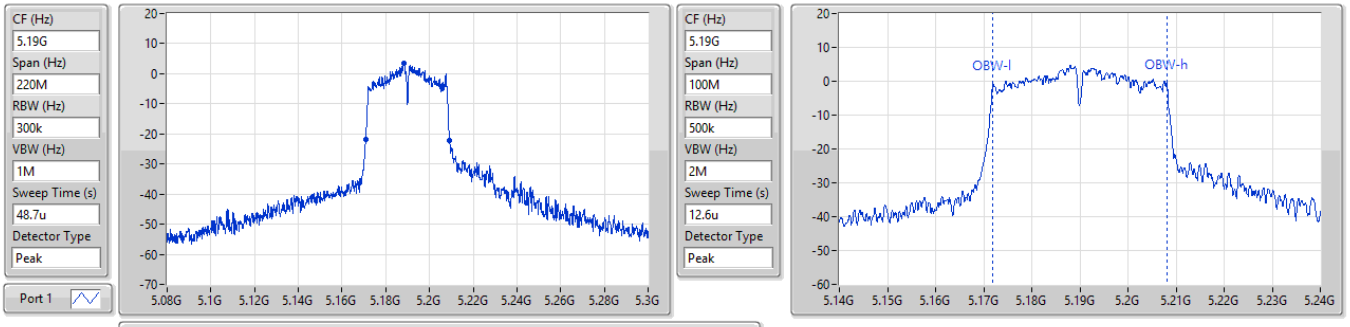


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
46.55M	5.801525G	5.848075G	Inf	1

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5190MHz

27/02/2024

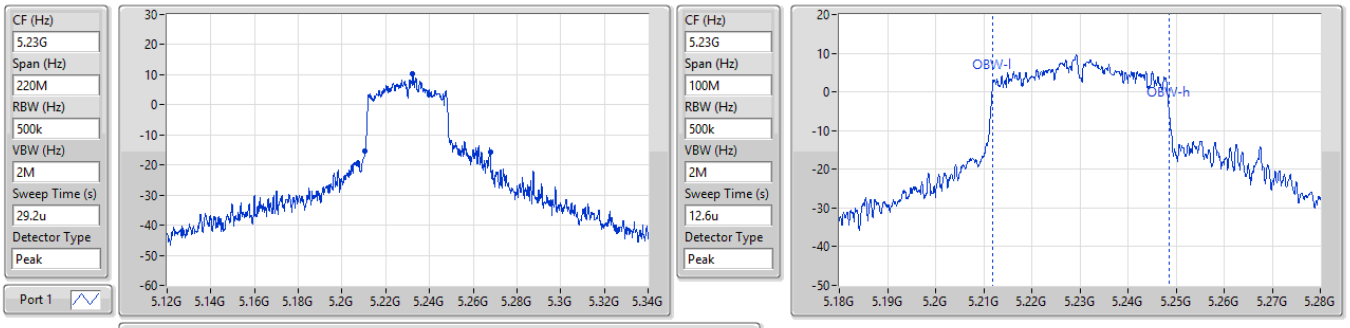


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.28M	5.17086G	5.20914G	36.283M	5.171873G	5.208157G	Inf	1

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5230MHz

27/02/2024

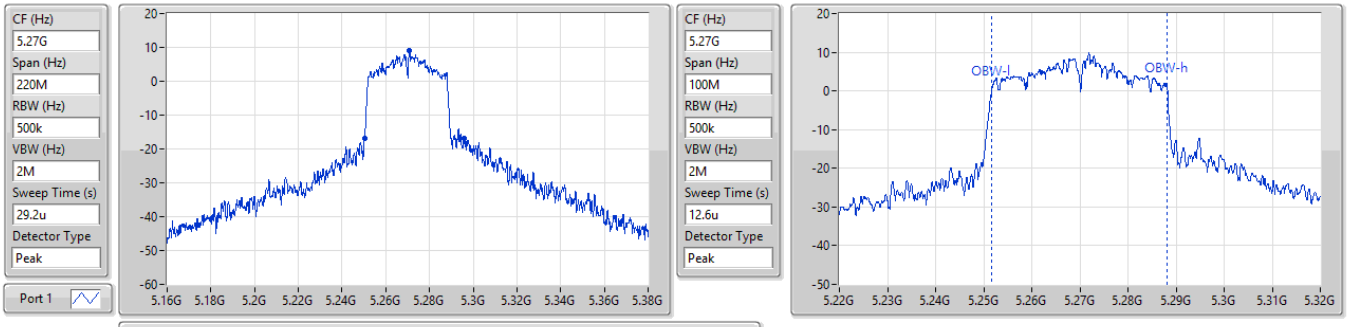


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
57.09M	5.21064G	5.26773G	36.704M	5.2119G	5.248604G	Inf	1

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5270MHz

27/02/2024

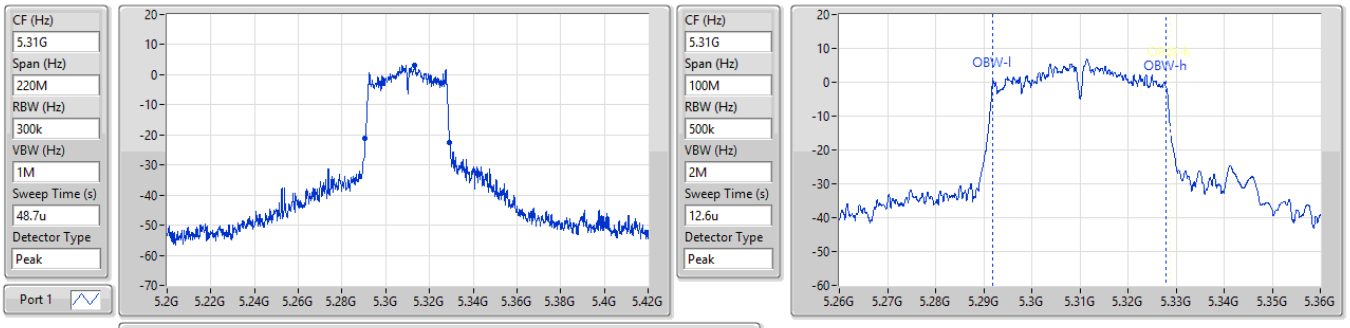


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.54M	5.2502G	5.29574G	36.504M	5.251683G	5.288187G	Inf	1

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5310MHz

27/02/2024

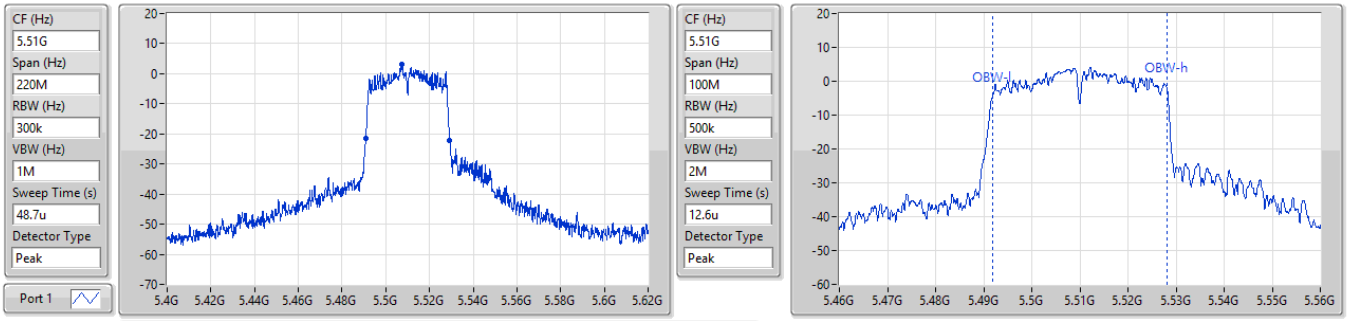


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.61M	5.29064G	5.32925G	36.089M	5.291877G	5.327966G	Inf	1

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5510MHz

27/02/2024

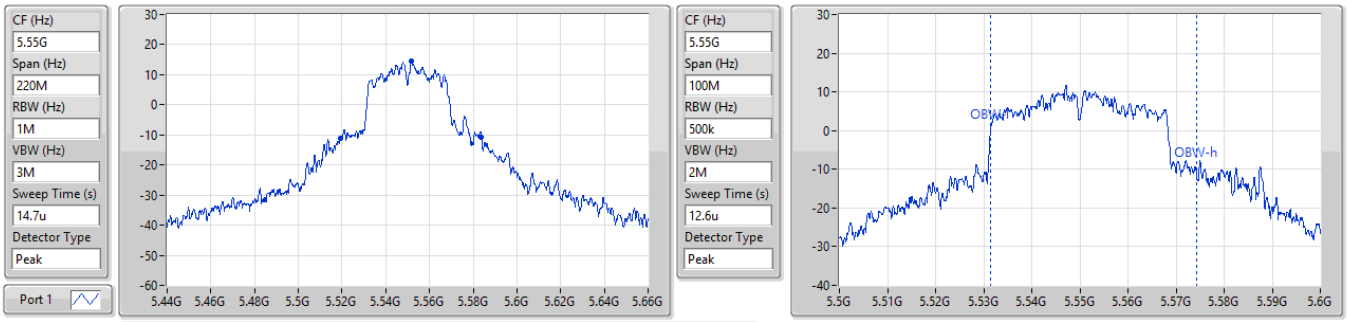


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.39M	5.49086G	5.52925G	36.24M	5.491882G	5.528123G	Inf	1

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5550MHz

27/02/2024

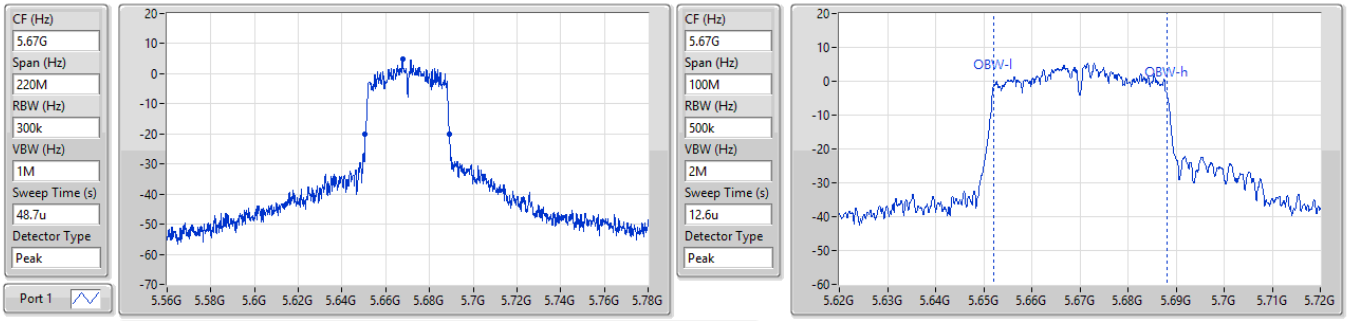


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
64.46M	5.51931G	5.58377G	42.886M	5.531371G	5.574257G	Inf	1

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5670MHz

27/02/2024

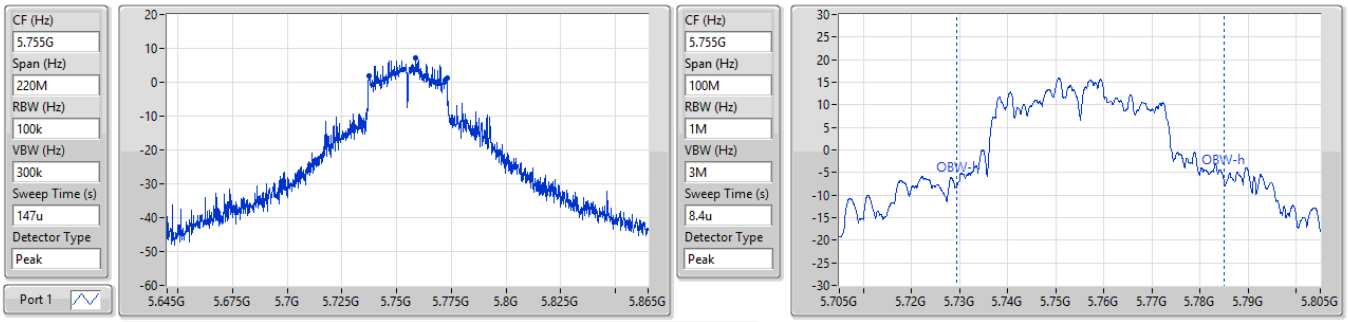


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.39M	5.65064G	5.68903G	36.024M	5.652039G	5.688063G	Inf	1

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

5755MHz

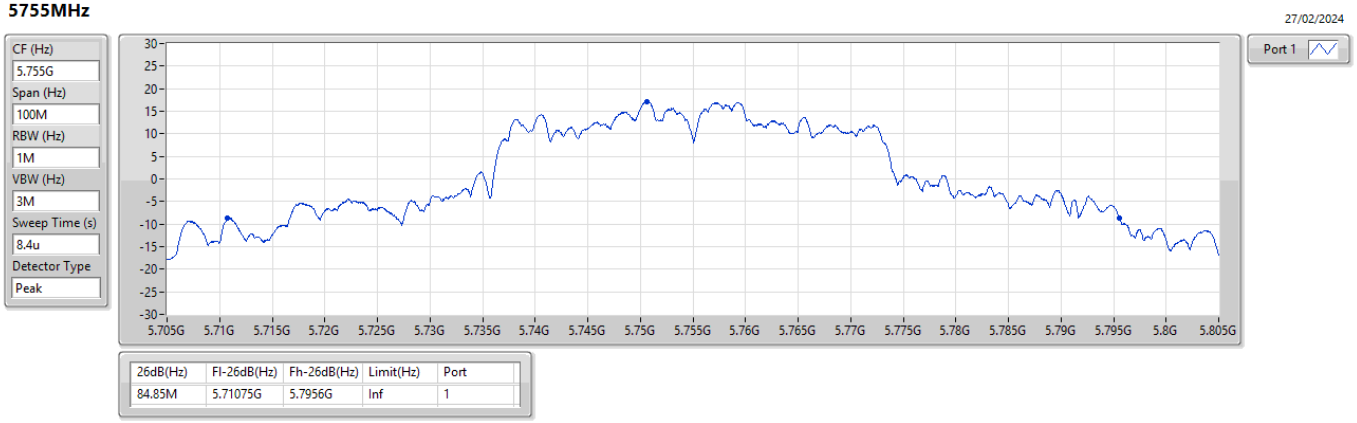
27/02/2024



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.75M	5.7374G	5.77315G	55.507M	5.729435G	5.784942G	500k	1

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

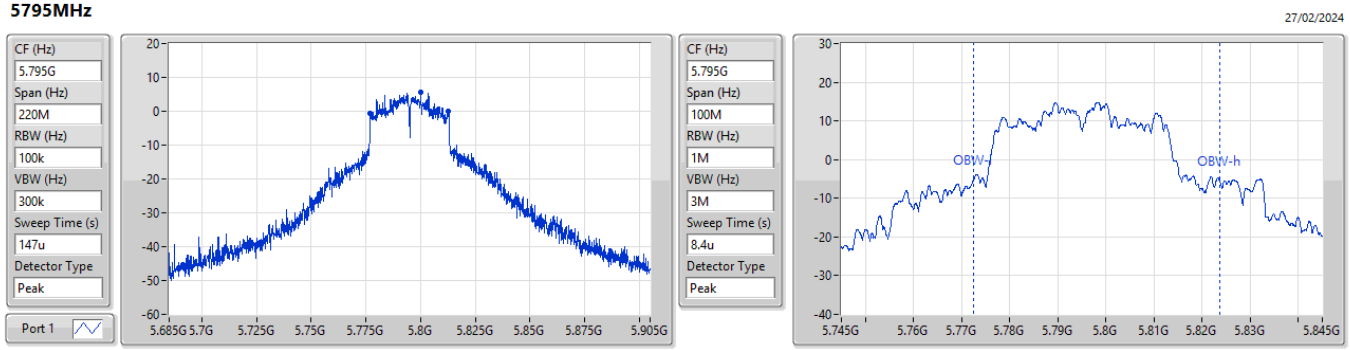
5755MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
84.85M	5.71075G	5.7956G	Inf	1

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

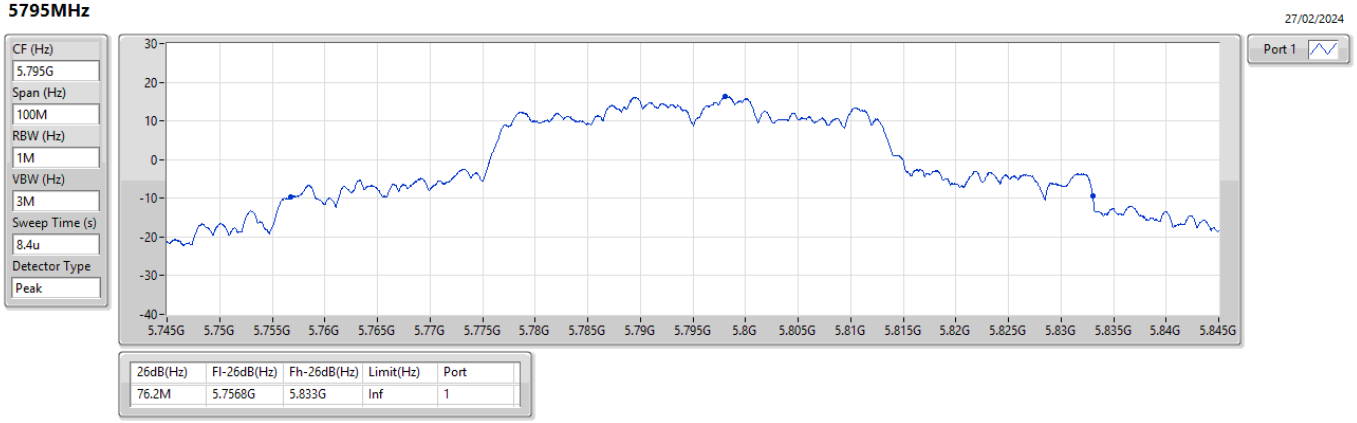
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.64M	5.77685G	5.81249G	51.349M	5.772404G	5.823753G	500k	1

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

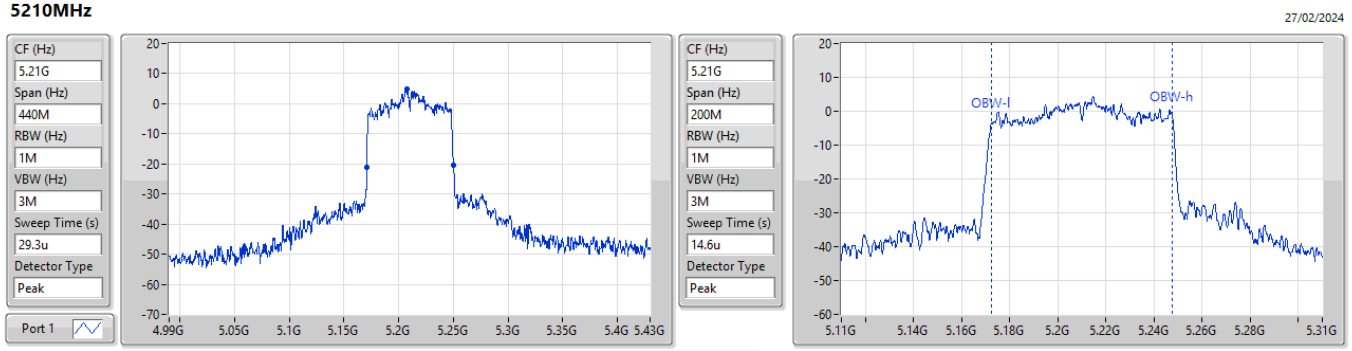
5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
76.2M	5.7568G	5.833G	Inf	1

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5210MHz

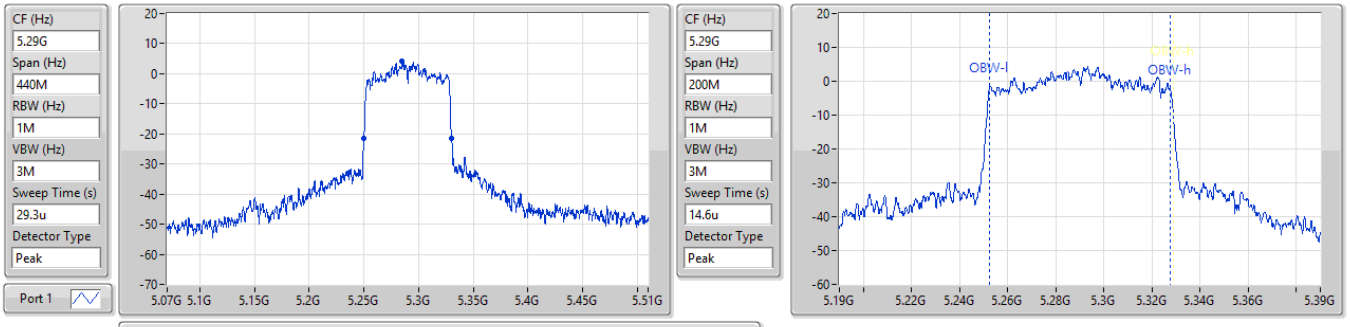


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.2M	5.17084G	5.25004G	75.537M	5.172241G	5.247778G	Inf	1

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5290MHz

27/02/2024

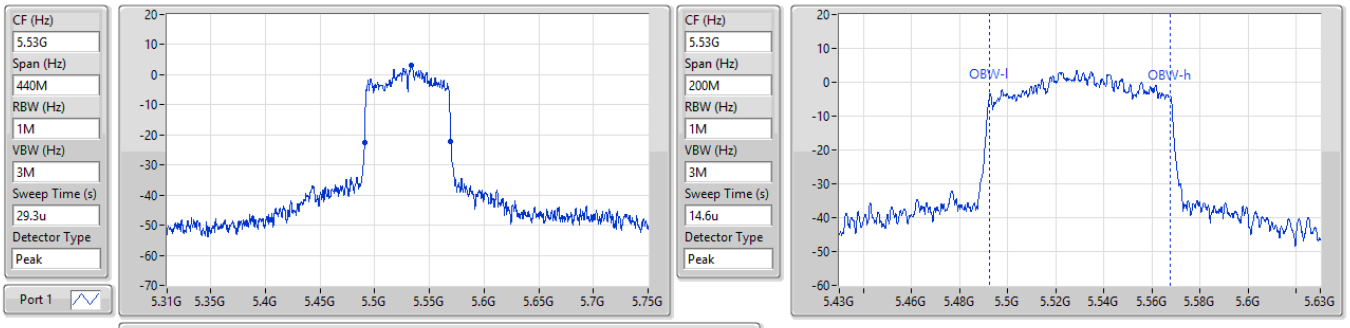


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	5.24996G	5.33026G	75.408M	5.252343G	5.327751G	Inf	1

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5530MHz

27/02/2024

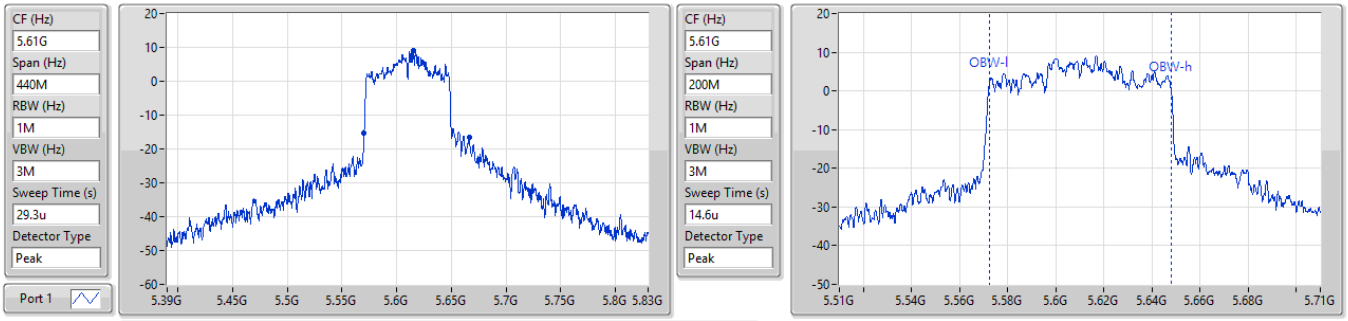


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.98M	5.49062G	5.5696G	75.106M	5.492508G	5.567614G	Inf	1

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5610MHz

27/02/2024

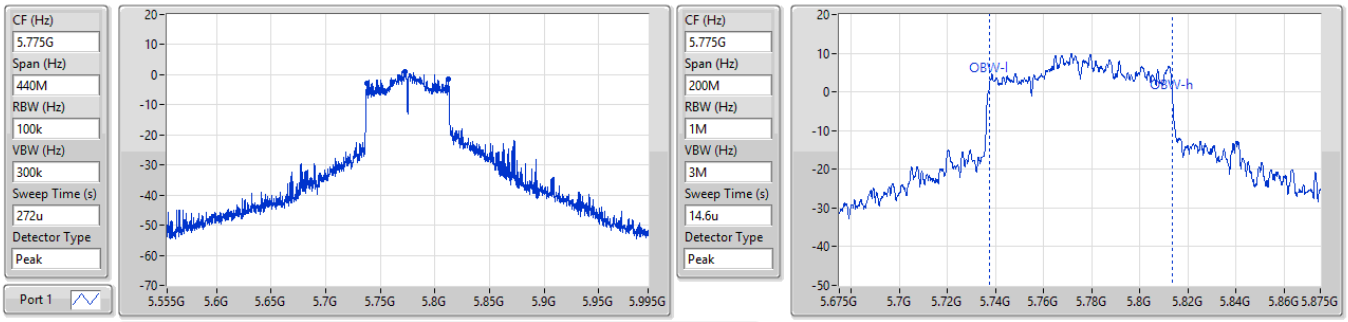


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
96.14M	5.57018G	5.66632G	75.466M	5.57236G	5.647826G	Inf	1

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5775MHz

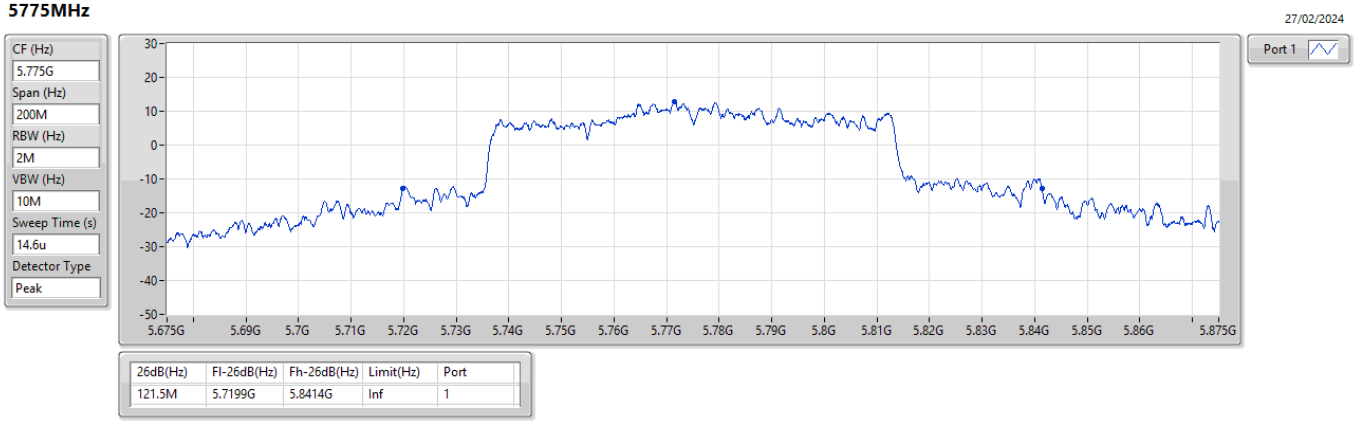
27/02/2024



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.24M	5.73738G	5.81262G	76.361M	5.737274G	5.813634G	500k	1

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
121.5M	5.7199G	5.8414G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.25	0.16788	26.90	0.48978
802.11ac VHT20_Nss1,(MCS0)_1TX	22.50	0.17783	27.15	0.51880
802.11ac VHT40_Nss1,(MCS0)_1TX	18.81	0.07603	23.46	0.22182
802.11ac VHT80_Nss1,(MCS0)_1TX	13.69	0.02339	18.34	0.06823
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.22	0.16672	26.87	0.48641
802.11ac VHT20_Nss1,(MCS0)_1TX	22.12	0.16293	26.77	0.47534
802.11ac VHT40_Nss1,(MCS0)_1TX	18.64	0.07311	23.29	0.21330
802.11ac VHT80_Nss1,(MCS0)_1TX	14.09	0.02564	18.74	0.07482
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.87	0.15382	26.52	0.44875
802.11ac VHT20_Nss1,(MCS0)_1TX	21.81	0.15171	26.46	0.44259
802.11ac VHT40_Nss1,(MCS0)_1TX	20.51	0.11246	25.16	0.32810
802.11ac VHT80_Nss1,(MCS0)_1TX	17.94	0.06223	22.59	0.18155
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.54	0.17947	27.19	0.52360
802.11ac VHT20_Nss1,(MCS0)_1TX	22.63	0.18323	27.28	0.53456
802.11ac VHT40_Nss1,(MCS0)_1TX	21.83	0.15241	26.48	0.44463
802.11ac VHT80_Nss1,(MCS0)_1TX	19.14	0.08204	23.79	0.23933

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	4.65	16.49	16.49	23.98	21.14	30.00
5200MHz	Pass	4.65	20.43	20.43	23.98	25.08	30.00
5240MHz	Pass	4.65	22.25	22.25	23.98	26.90	30.00
5260MHz	Pass	4.65	22.19	22.19	23.98	26.84	26.99
5300MHz	Pass	4.65	22.22	22.22	23.98	26.87	26.99
5320MHz	Pass	4.65	20.21	20.21	23.98	24.86	26.99
5500MHz	Pass	4.65	17.47	17.47	23.98	22.12	26.99
5580MHz	Pass	4.65	21.87	21.87	23.98	26.52	26.99
5700MHz	Pass	4.65	14.89	14.89	23.98	19.54	26.99
5745MHz	Pass	4.65	22.53	22.53	30.00	27.18	36.00
5785MHz	Pass	4.65	22.54	22.54	30.00	27.19	36.00
5825MHz	Pass	4.65	22.52	22.52	30.00	27.17	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.65	17.27	17.27	23.98	21.92	30.00
5200MHz	Pass	4.65	21.75	21.75	23.98	26.40	30.00
5240MHz	Pass	4.65	22.50	22.50	23.98	27.15	30.00
5260MHz	Pass	4.65	22.05	22.05	23.98	26.70	26.99
5300MHz	Pass	4.65	22.12	22.12	23.98	26.77	26.99
5320MHz	Pass	4.65	19.36	19.36	23.98	24.01	26.99
5500MHz	Pass	4.65	16.13	16.13	23.98	20.78	26.99
5580MHz	Pass	4.65	21.81	21.81	23.98	26.46	26.99
5700MHz	Pass	4.65	13.44	13.44	23.98	18.09	26.99
5745MHz	Pass	4.65	22.47	22.47	30.00	27.12	36.00
5785MHz	Pass	4.65	22.63	22.63	30.00	27.28	36.00
5825MHz	Pass	4.65	22.61	22.61	30.00	27.26	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.65	14.96	14.96	23.98	19.61	30.00
5230MHz	Pass	4.65	18.81	18.81	23.98	23.46	30.00
5270MHz	Pass	4.65	18.64	18.64	23.98	23.29	26.99
5310MHz	Pass	4.65	15.76	15.76	23.98	20.41	26.99
5510MHz	Pass	4.65	14.60	14.60	23.98	19.25	26.99
5550MHz	Pass	4.65	20.51	20.51	23.98	25.16	26.99
5670MHz	Pass	4.65	15.20	15.20	23.98	19.85	26.99
5755MHz	Pass	4.65	21.83	21.83	30.00	26.48	36.00
5795MHz	Pass	4.65	21.12	21.12	30.00	25.77	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.65	13.69	13.69	23.98	18.34	30.00
5290MHz	Pass	4.65	14.09	14.09	23.98	18.74	26.99
5530MHz	Pass	4.65	12.49	12.49	23.98	17.14	26.99
5610MHz	Pass	4.65	17.94	17.94	23.98	22.59	26.99
5775MHz	Pass	4.65	19.14	19.14	30.00	23.79	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.92	15.57
802.11ac VHT20_Nss1,(MCS0)_1TX	10.91	15.56
802.11ac VHT40_Nss1,(MCS0)_1TX	4.50	9.15
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.61	1.04
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.79	15.44
802.11ac VHT20_Nss1,(MCS0)_1TX	10.48	15.13
802.11ac VHT40_Nss1,(MCS0)_1TX	4.34	8.99
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.98	1.67
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.45	15.10
802.11ac VHT20_Nss1,(MCS0)_1TX	10.23	14.88
802.11ac VHT40_Nss1,(MCS0)_1TX	6.22	10.87
802.11ac VHT80_Nss1,(MCS0)_1TX	0.79	5.44
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.62	14.27
802.11ac VHT20_Nss1,(MCS0)_1TX	9.52	14.17
802.11ac VHT40_Nss1,(MCS0)_1TX	5.86	10.51
802.11ac VHT80_Nss1,(MCS0)_1TX	0.52	5.17

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

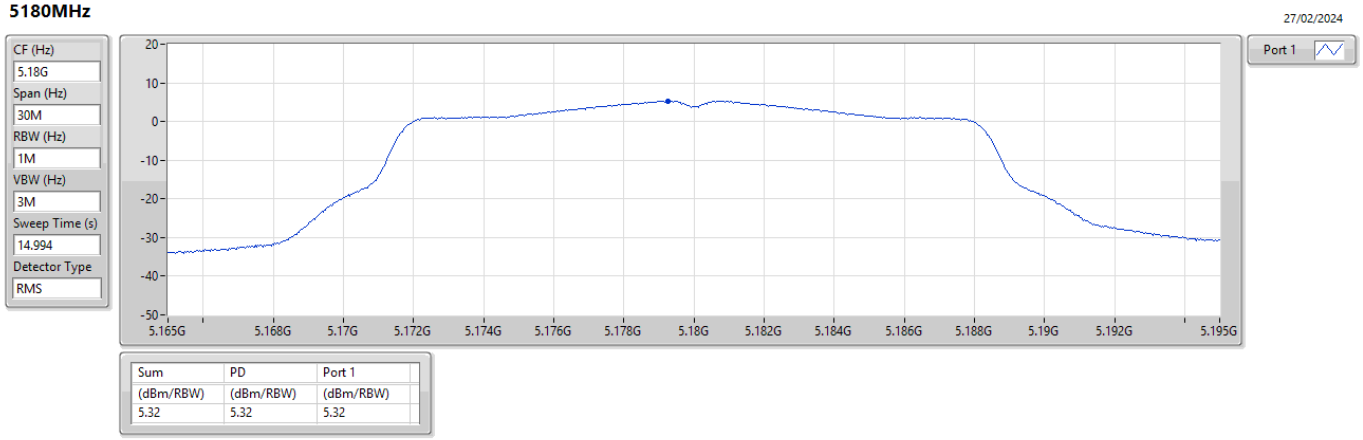
Result

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	4.65	5.32	5.32	11.00	9.97	17.00
5200MHz	Pass	4.65	9.03	9.03	11.00	13.68	17.00
5240MHz	Pass	4.65	10.92	10.92	11.00	15.57	17.00
5260MHz	Pass	4.65	10.79	10.79	11.00	15.44	17.00
5300MHz	Pass	4.65	10.77	10.77	11.00	15.42	17.00
5320MHz	Pass	4.65	8.82	8.82	11.00	13.47	17.00
5500MHz	Pass	4.65	6.52	6.52	11.00	11.17	17.00
5580MHz	Pass	4.65	10.45	10.45	11.00	15.10	17.00
5700MHz	Pass	4.65	3.55	3.55	11.00	8.20	17.00
5745MHz	Pass	4.65	9.51	9.51	30.00	14.16	36.00
5785MHz	Pass	4.65	9.62	9.62	30.00	14.27	36.00
5825MHz	Pass	4.65	9.48	9.48	30.00	14.13	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.65	5.70	5.70	11.00	10.35	17.00
5200MHz	Pass	4.65	10.06	10.06	11.00	14.71	17.00
5240MHz	Pass	4.65	10.91	10.91	11.00	15.56	17.00
5260MHz	Pass	4.65	10.48	10.48	11.00	15.13	17.00
5300MHz	Pass	4.65	10.40	10.40	11.00	15.05	17.00
5320MHz	Pass	4.65	7.84	7.84	11.00	12.49	17.00
5500MHz	Pass	4.65	4.56	4.56	11.00	9.21	17.00
5580MHz	Pass	4.65	10.23	10.23	11.00	14.88	17.00
5700MHz	Pass	4.65	1.94	1.94	11.00	6.59	17.00
5745MHz	Pass	4.65	9.36	9.36	30.00	14.01	36.00
5785MHz	Pass	4.65	9.52	9.52	30.00	14.17	36.00
5825MHz	Pass	4.65	9.33	9.33	30.00	13.98	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.65	0.51	0.51	11.00	5.16	17.00
5230MHz	Pass	4.65	4.50	4.50	11.00	9.15	17.00
5270MHz	Pass	4.65	4.34	4.34	11.00	8.99	17.00
5310MHz	Pass	4.65	1.38	1.38	11.00	6.03	17.00
5510MHz	Pass	4.65	0.14	0.14	11.00	4.79	17.00
5550MHz	Pass	4.65	6.22	6.22	11.00	10.87	17.00
5670MHz	Pass	4.65	0.87	0.87	11.00	5.52	17.00
5755MHz	Pass	4.65	5.86	5.86	30.00	10.51	36.00
5795MHz	Pass	4.65	5.24	5.24	30.00	9.89	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.65	-3.61	-3.61	11.00	1.04	17.00
5290MHz	Pass	4.65	-2.98	-2.98	11.00	1.67	17.00
5530MHz	Pass	4.65	-4.61	-4.61	11.00	0.04	17.00
5610MHz	Pass	4.65	0.79	0.79	11.00	5.44	17.00
5775MHz	Pass	4.65	0.52	0.52	30.00	5.17	36.00

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**

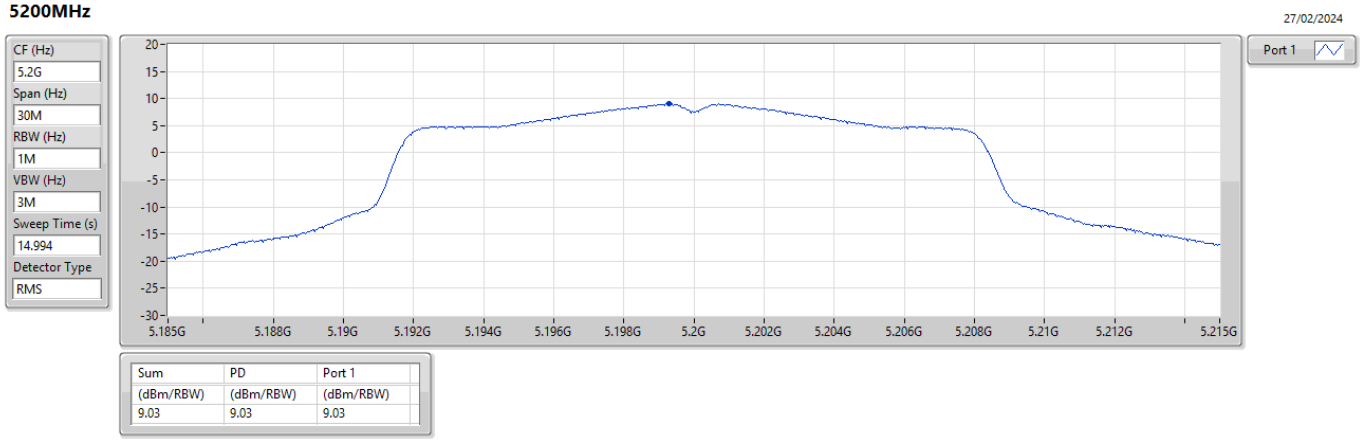
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.32	5.32	5.32

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

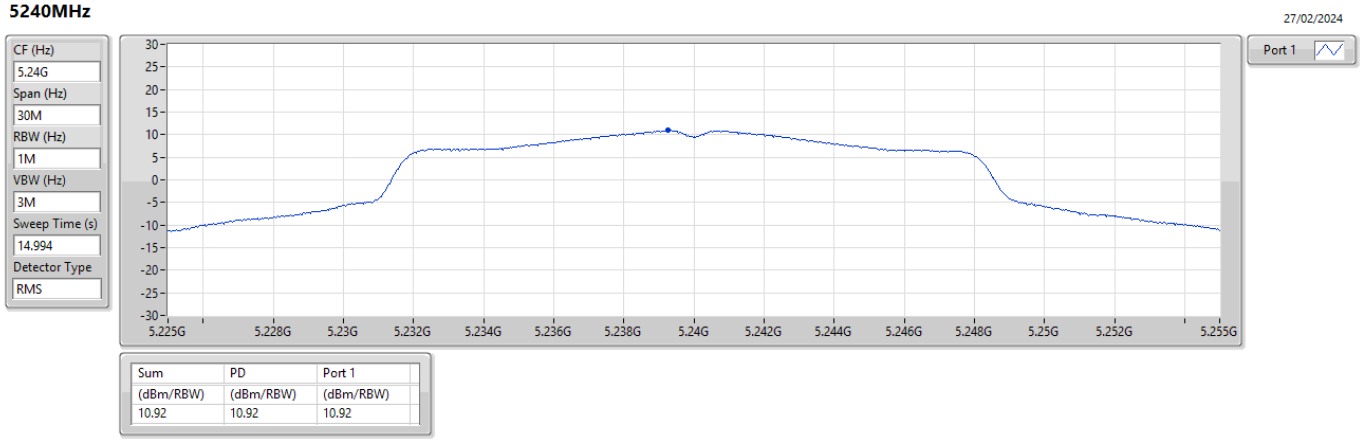
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.03	9.03	9.03

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

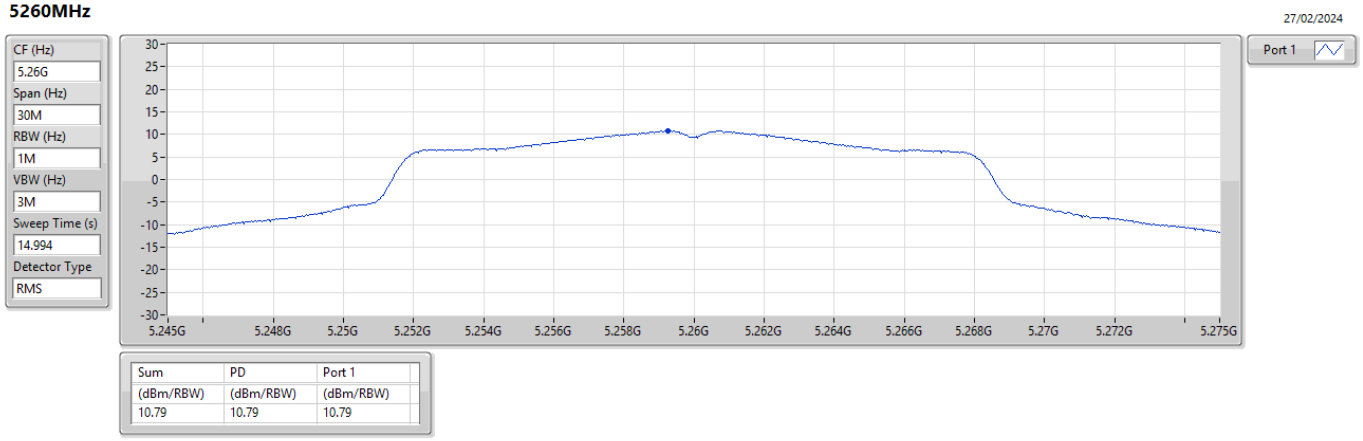
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	10.92

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

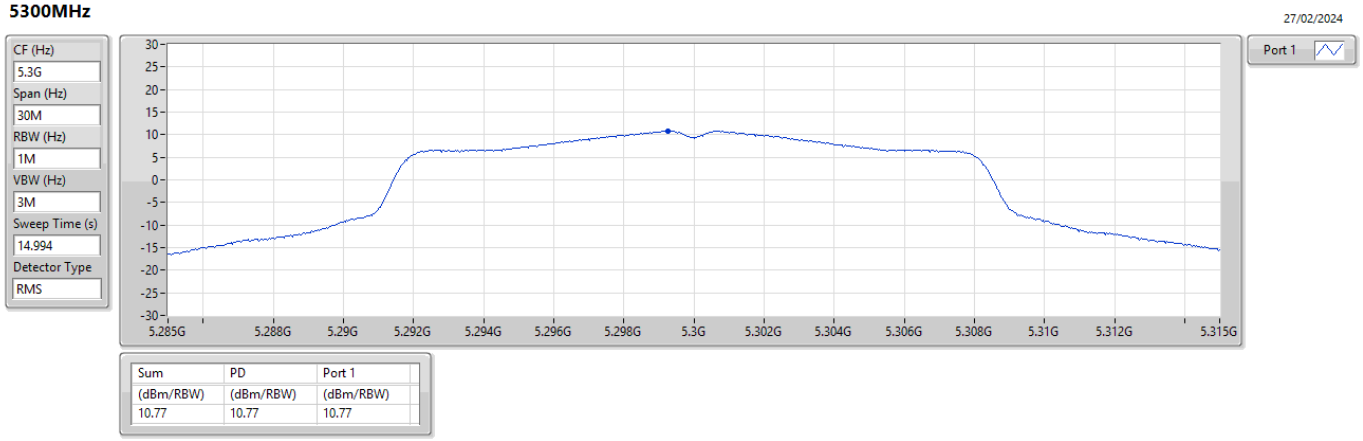
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	10.79

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

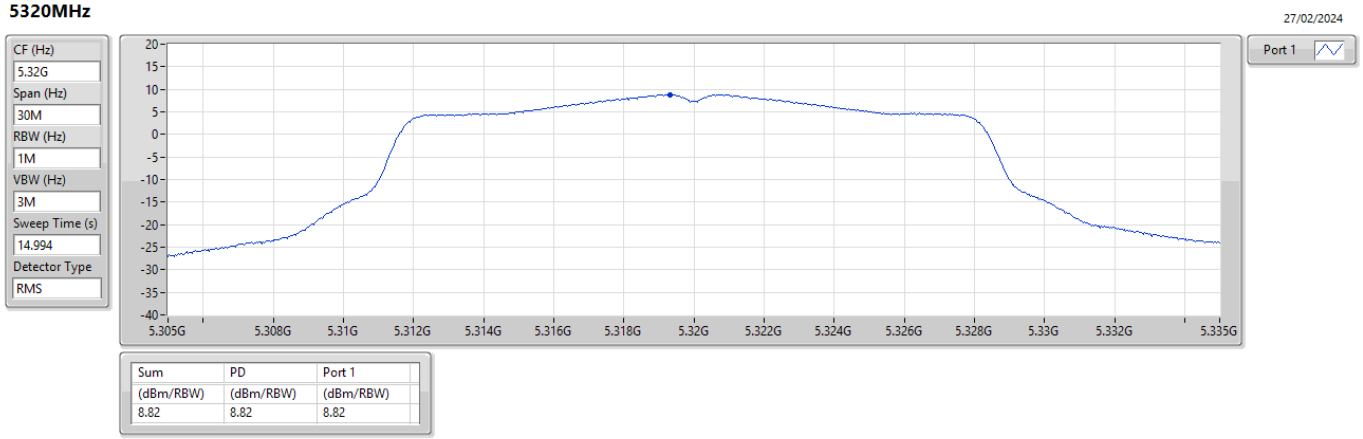
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	10.77

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

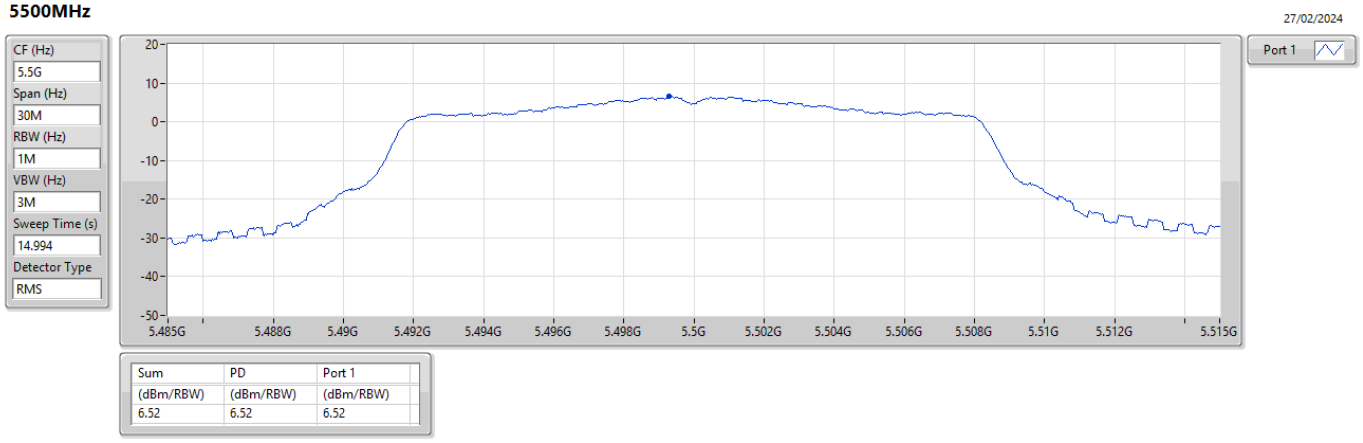
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.82	8.82	8.82

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

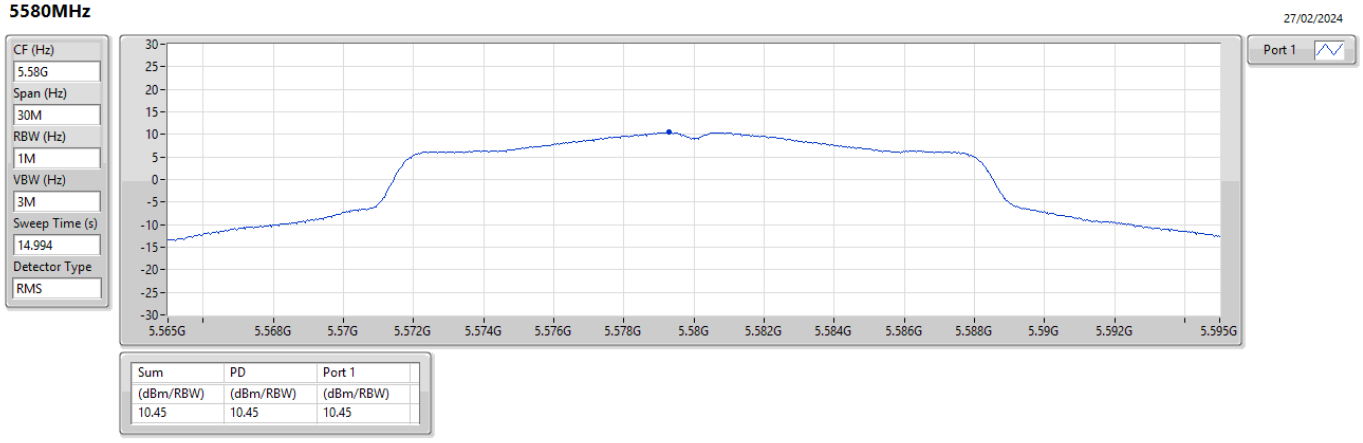
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.52	6.52	6.52

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

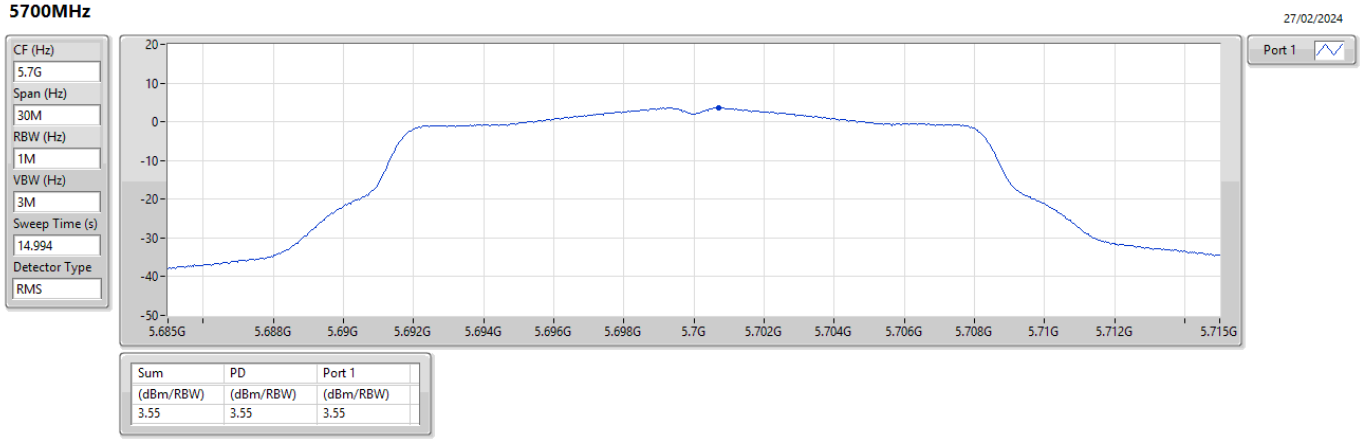
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.45	10.45	10.45

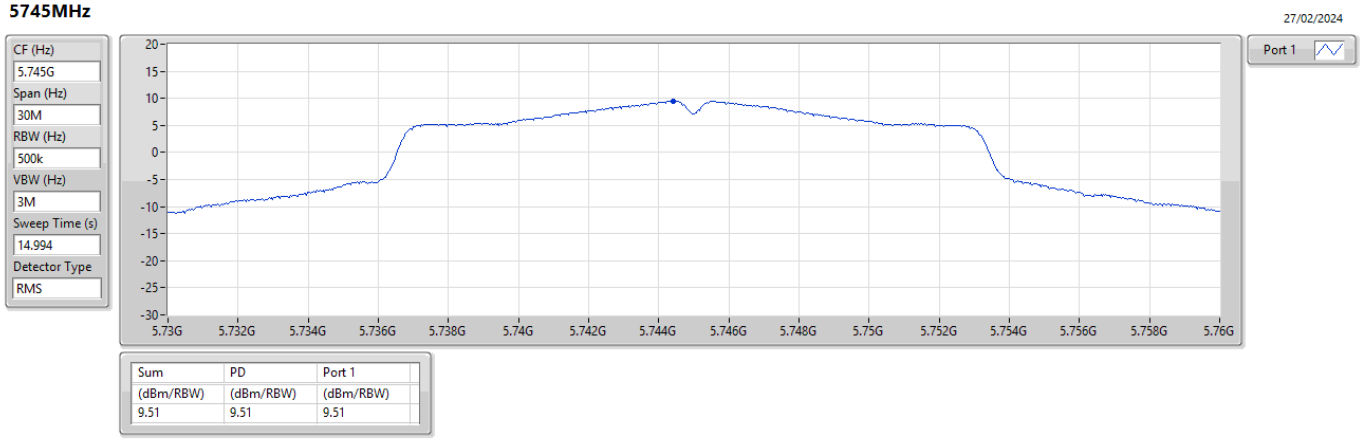
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5700MHz



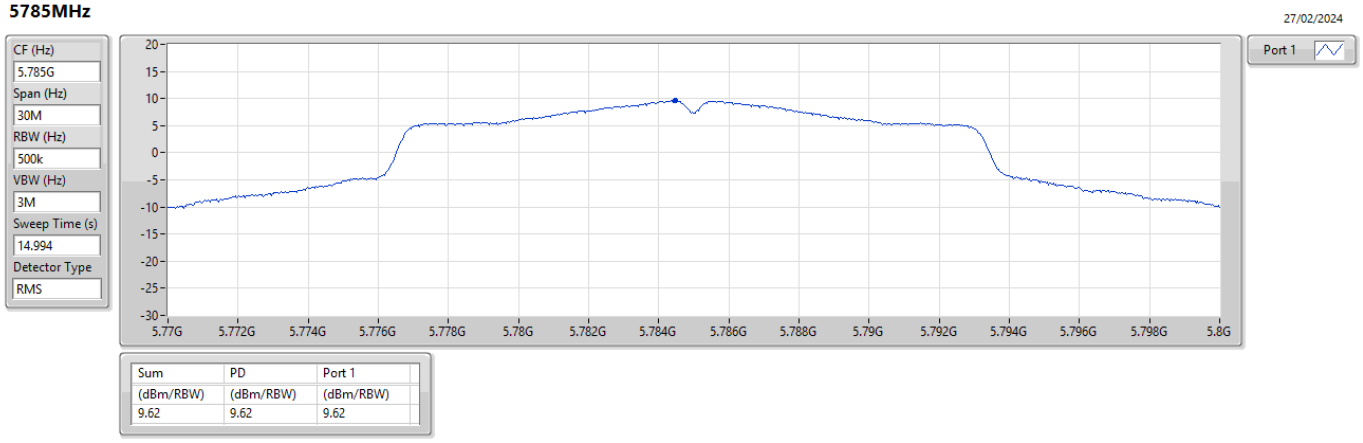
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

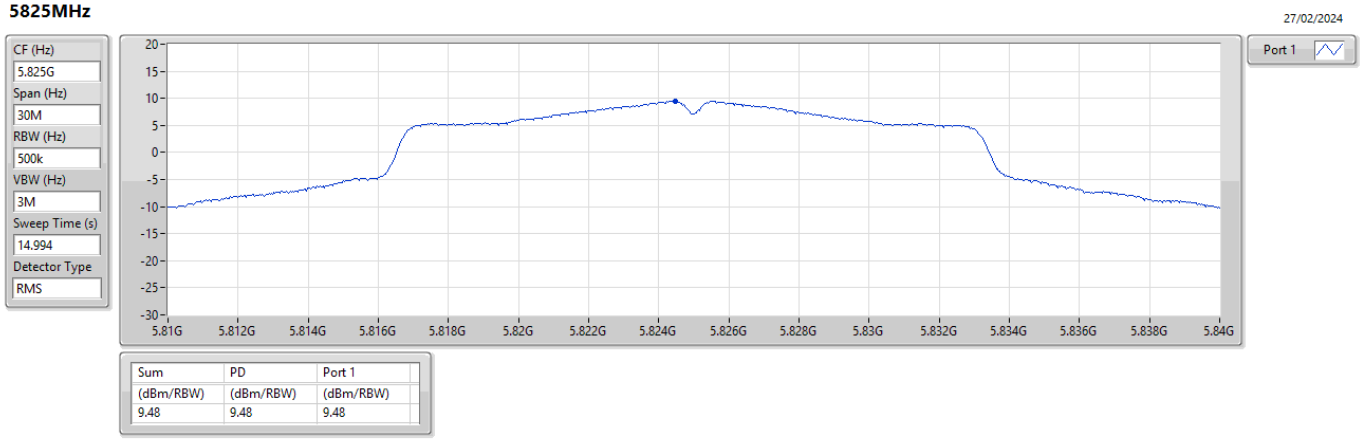
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.62	9.62	9.62

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

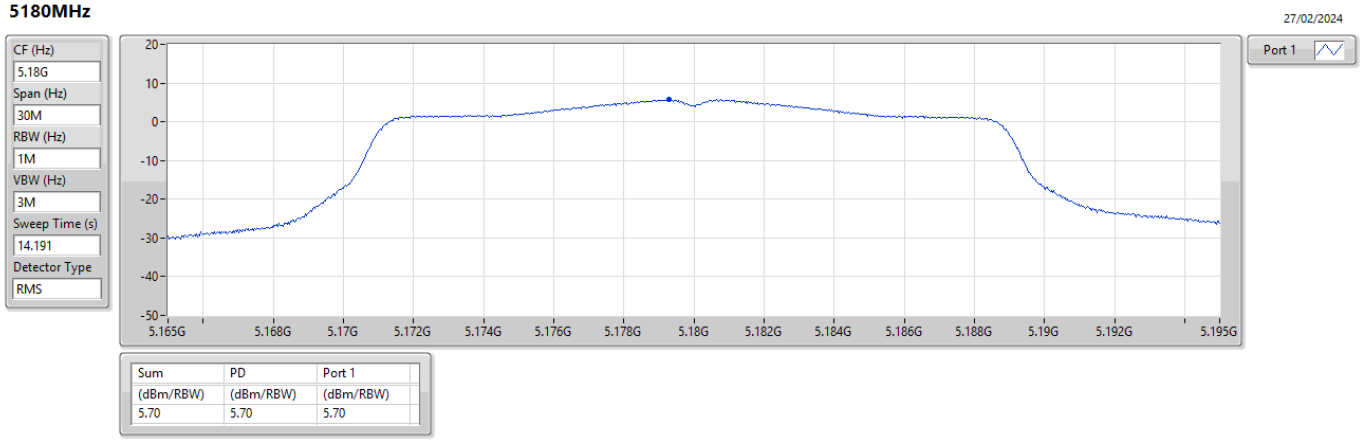
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	9.48

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

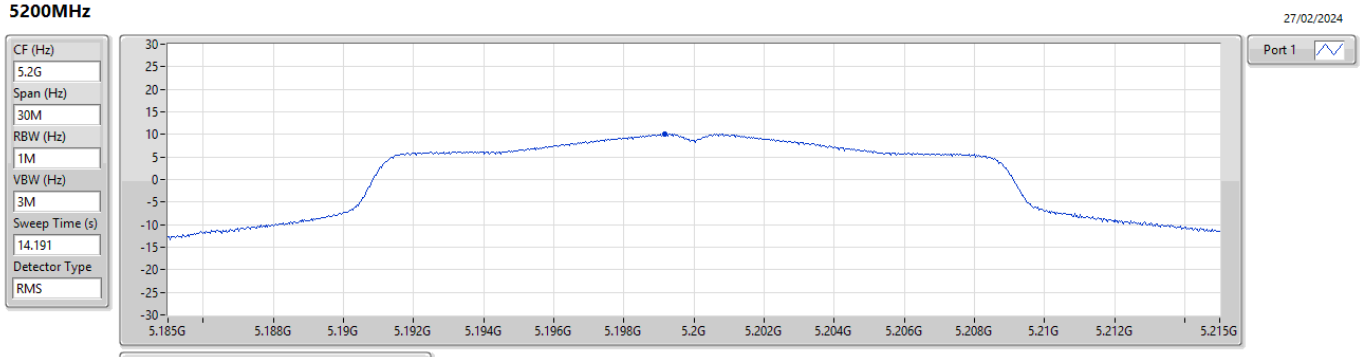
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.70	5.70	5.70

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

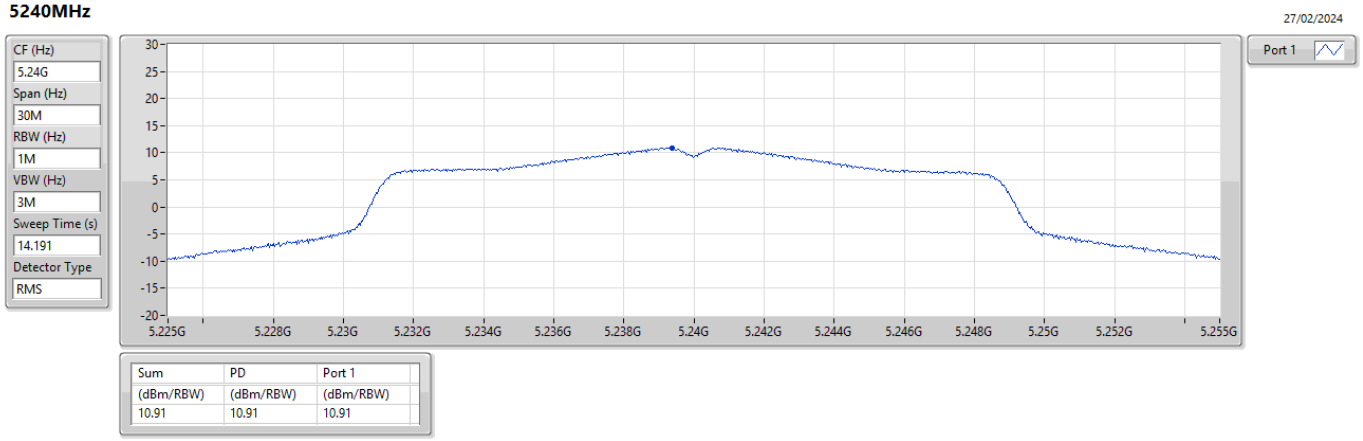
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	10.06

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

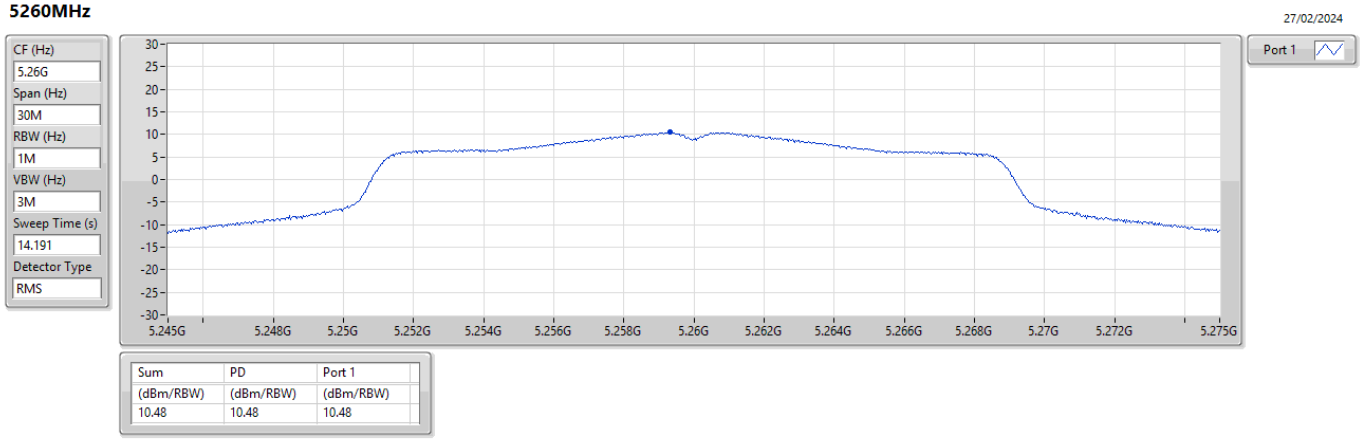
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	10.91

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

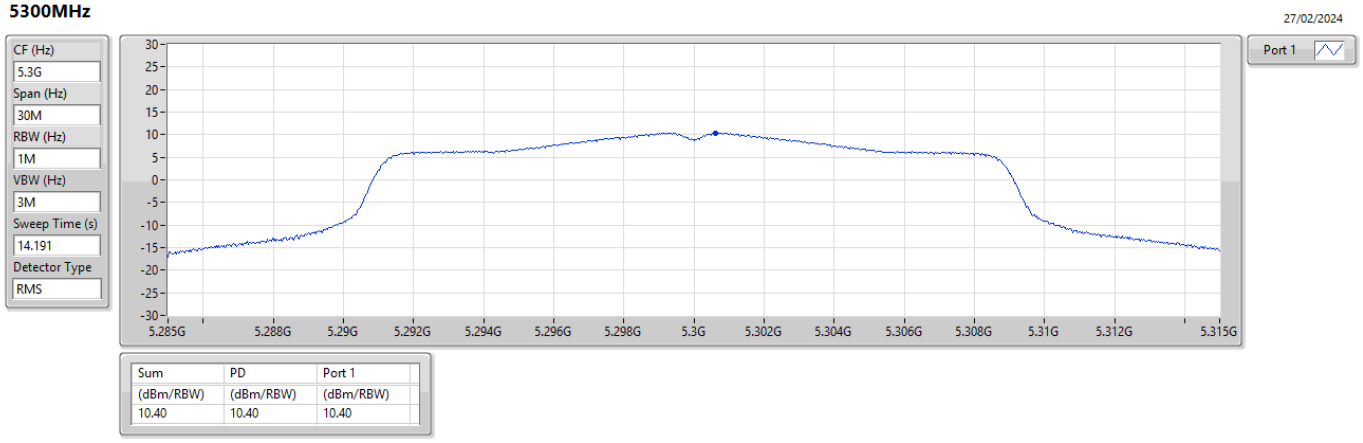
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	10.48

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

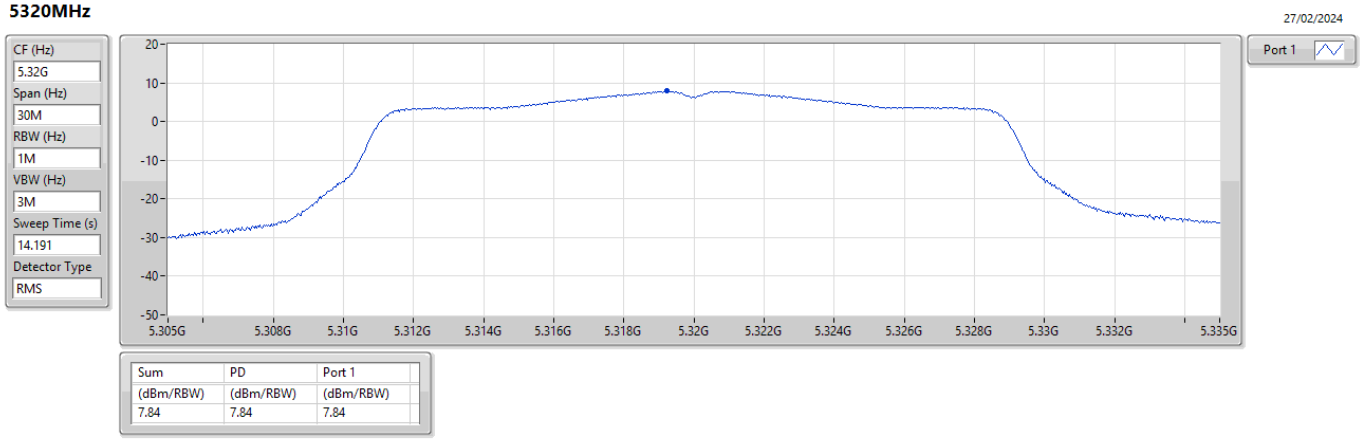
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.40	10.40	10.40

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

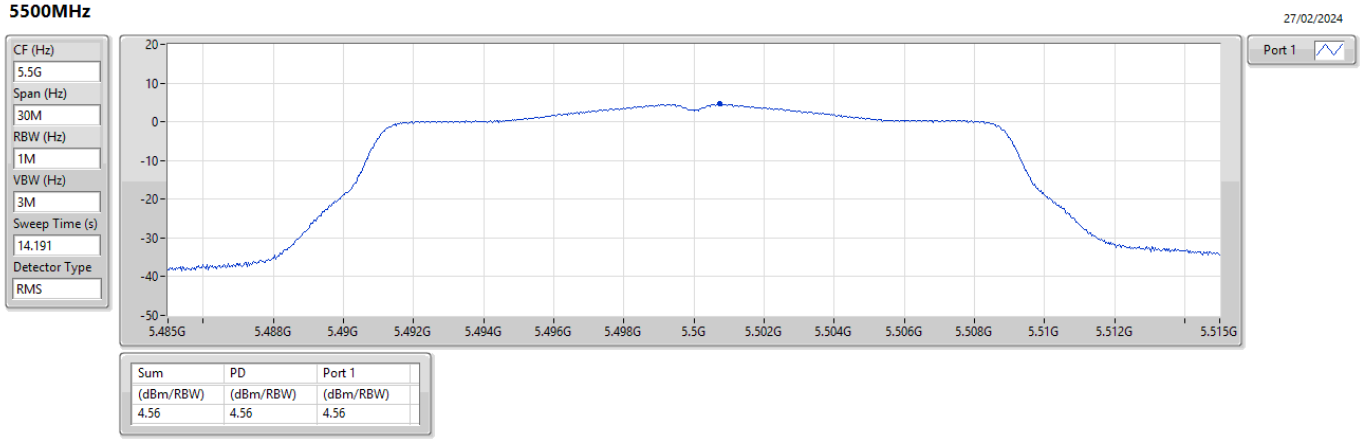
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	7.84

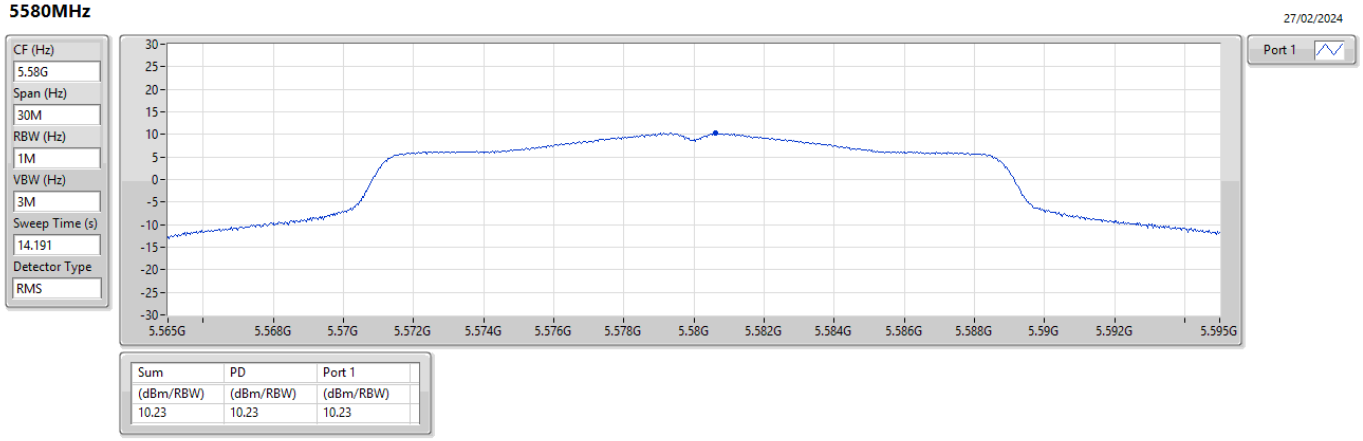
5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

5500MHz



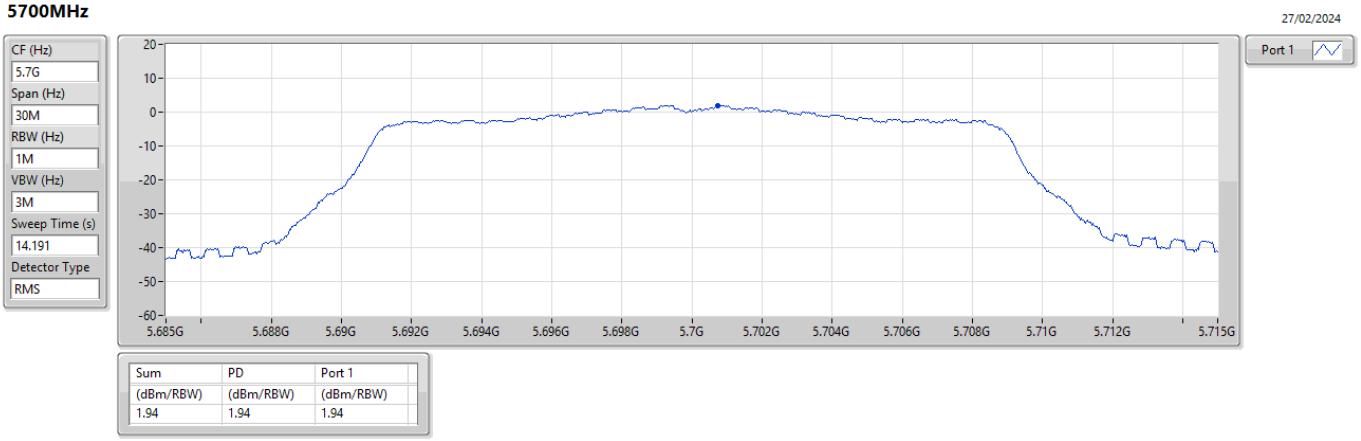
5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

5580MHz



5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

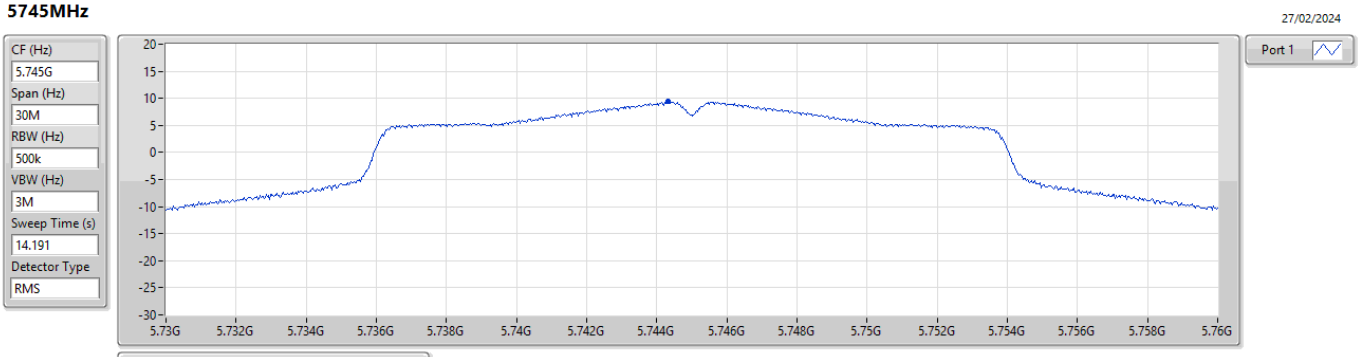
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.94	1.94	1.94

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

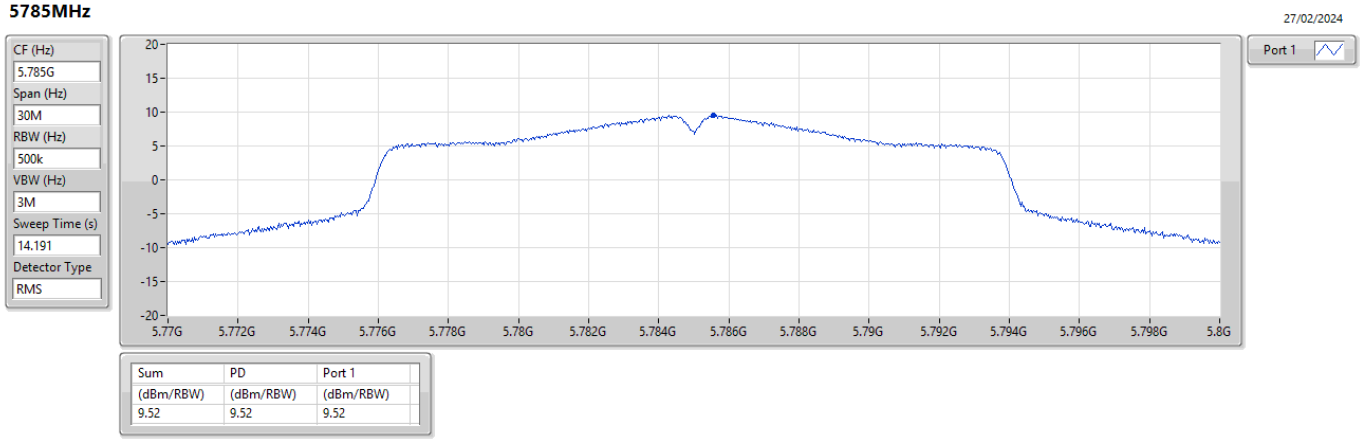
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.36	9.36	9.36

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

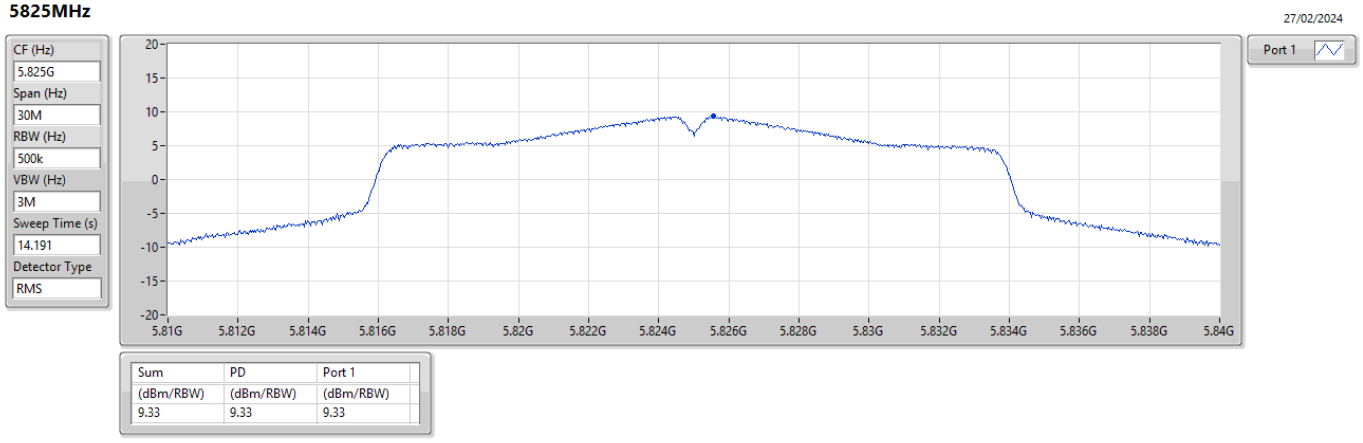
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.52	9.52	9.52

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

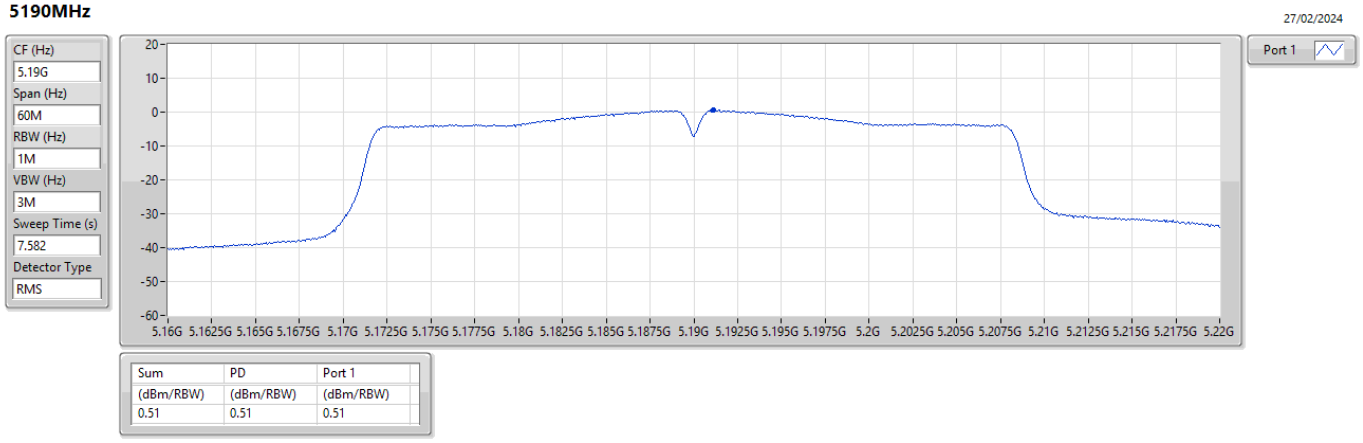
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	9.33

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

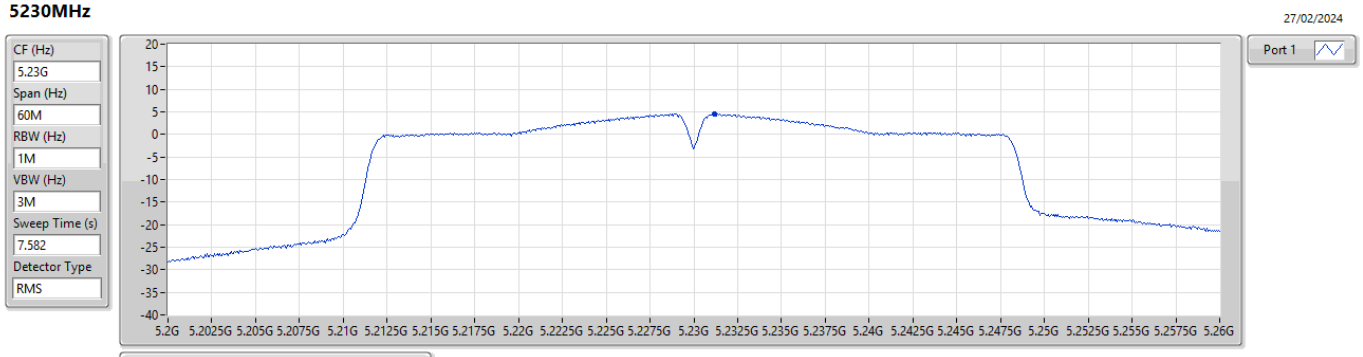
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.51	0.51	0.51

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

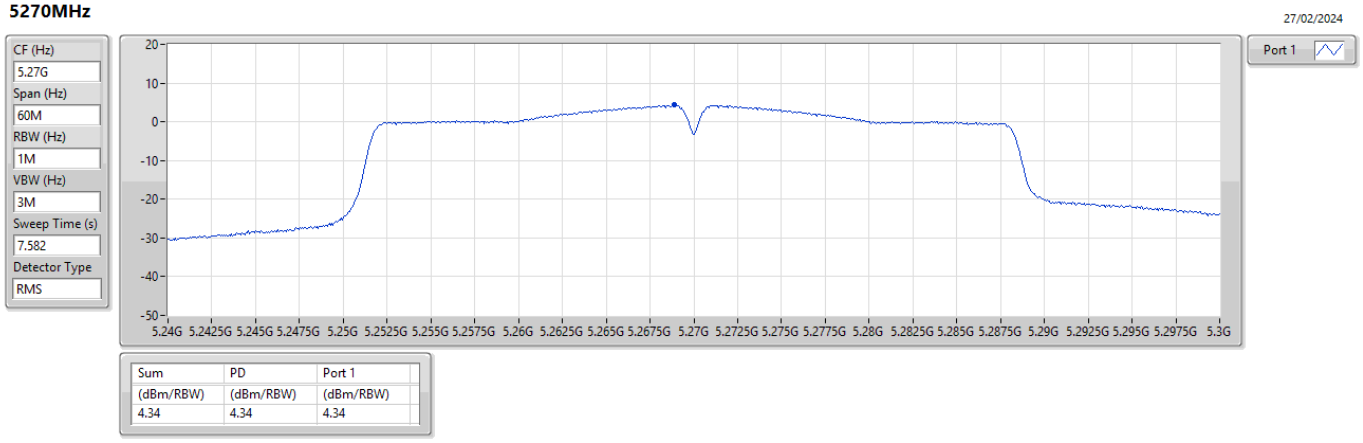
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.50	4.50	4.50

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

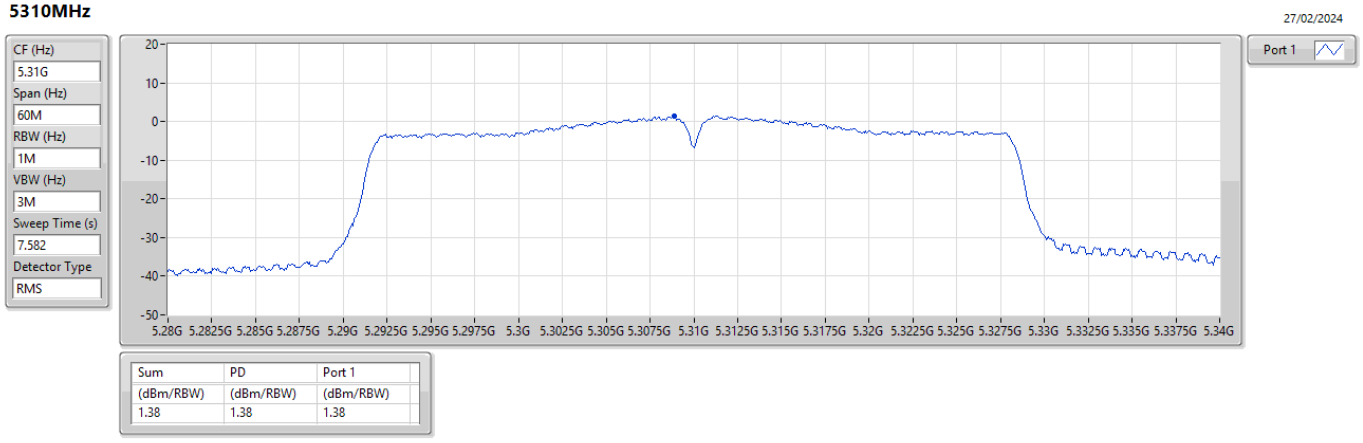
5270MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	4.34

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

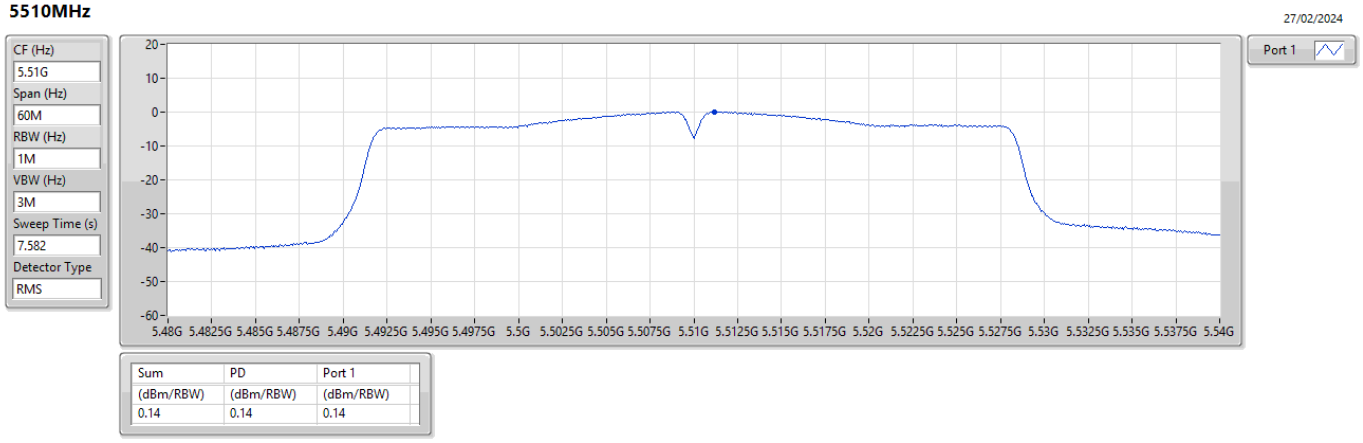
5310MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.38	1.38	1.38

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

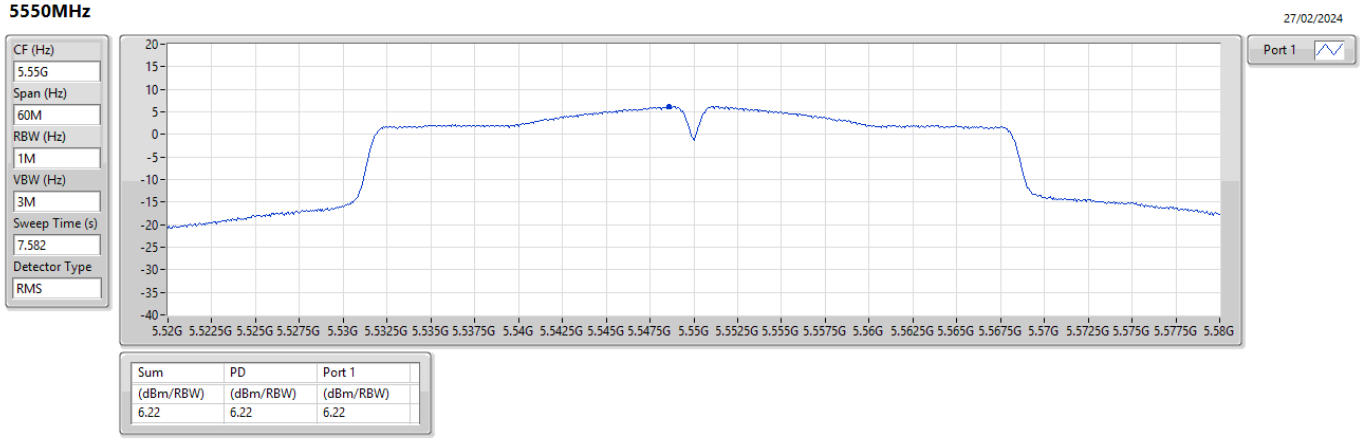
5510MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.14	0.14	0.14

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

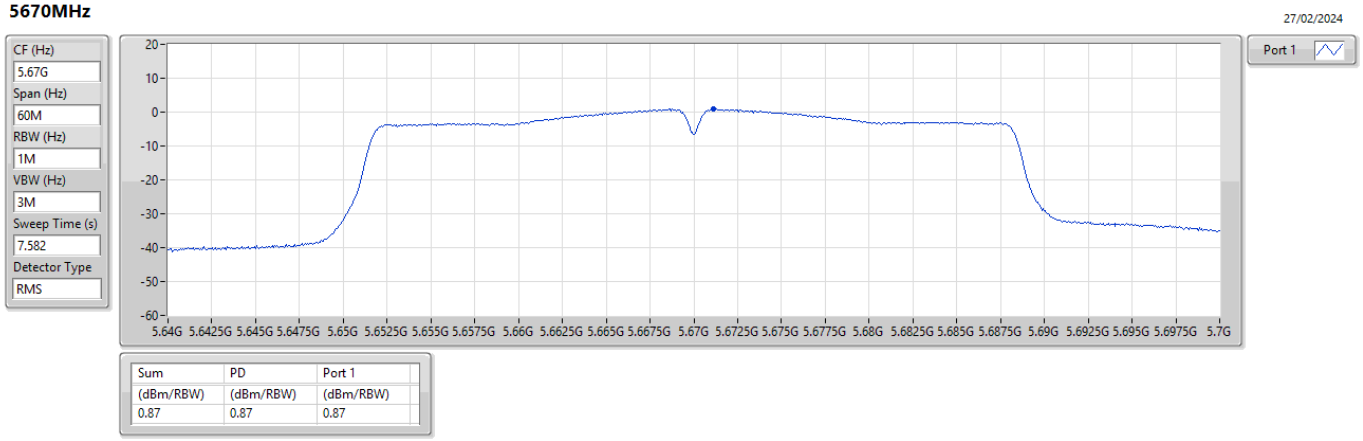
5550MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.22	6.22	6.22

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

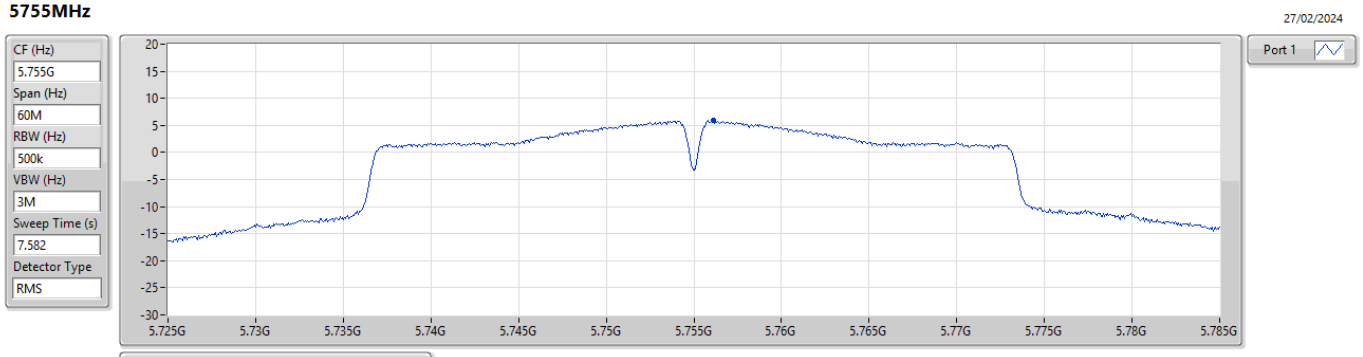
5670MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	0.87

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

5755MHz



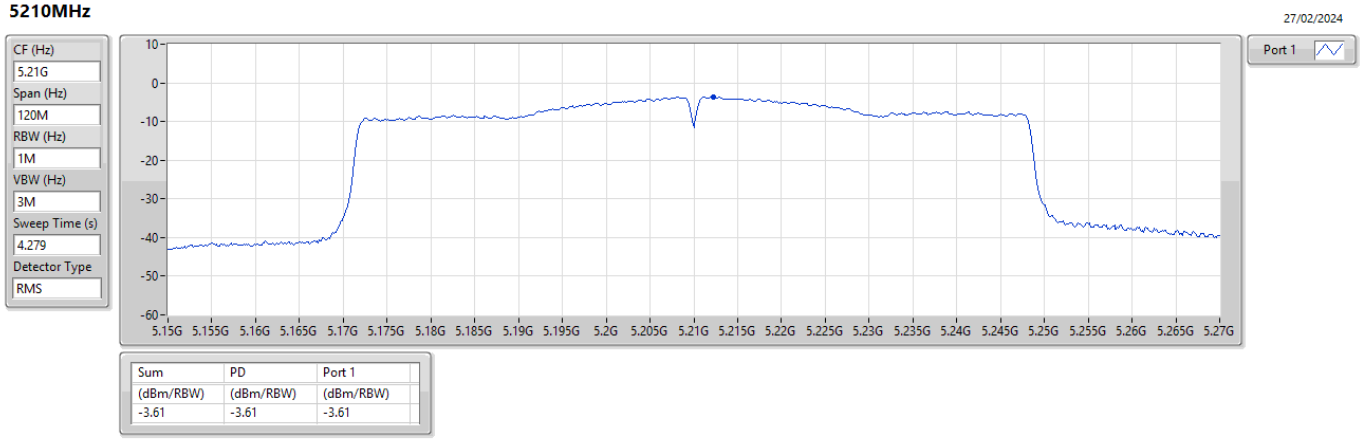
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	5.86

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

5795MHz

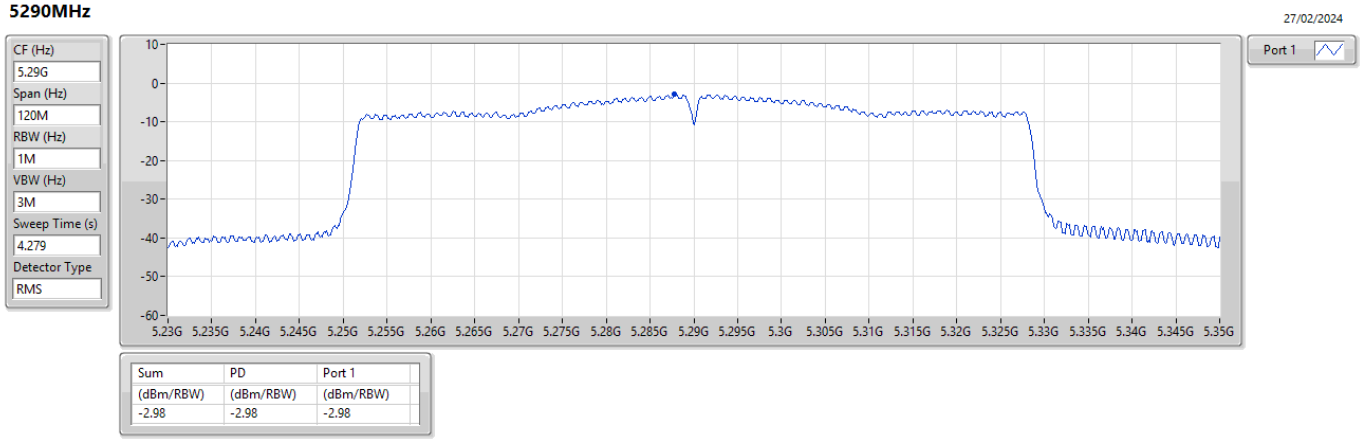
5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5210MHz



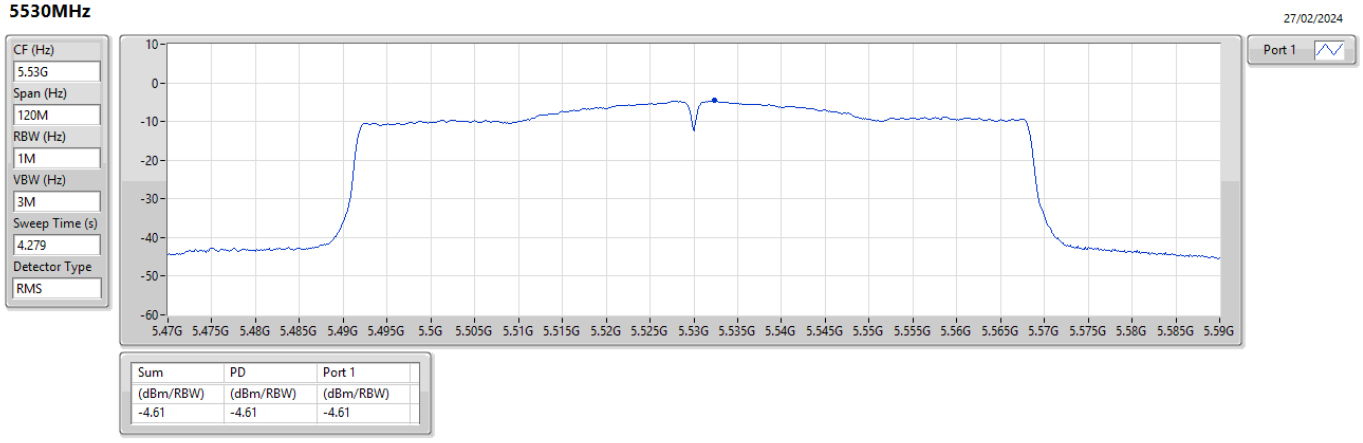
5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5290MHz



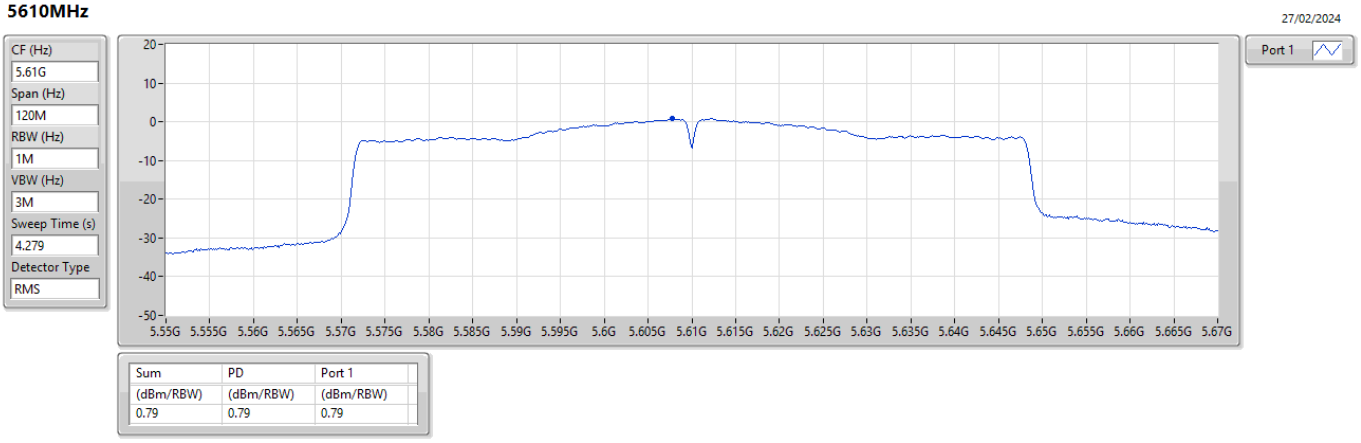
5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5530MHz



5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

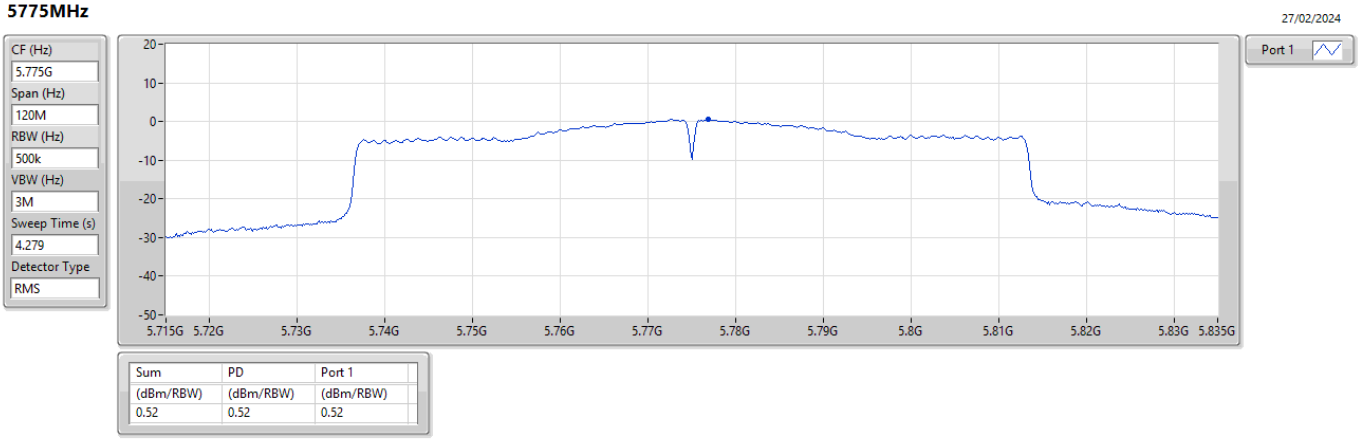
5610MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.79	0.79	0.79

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5775MHz

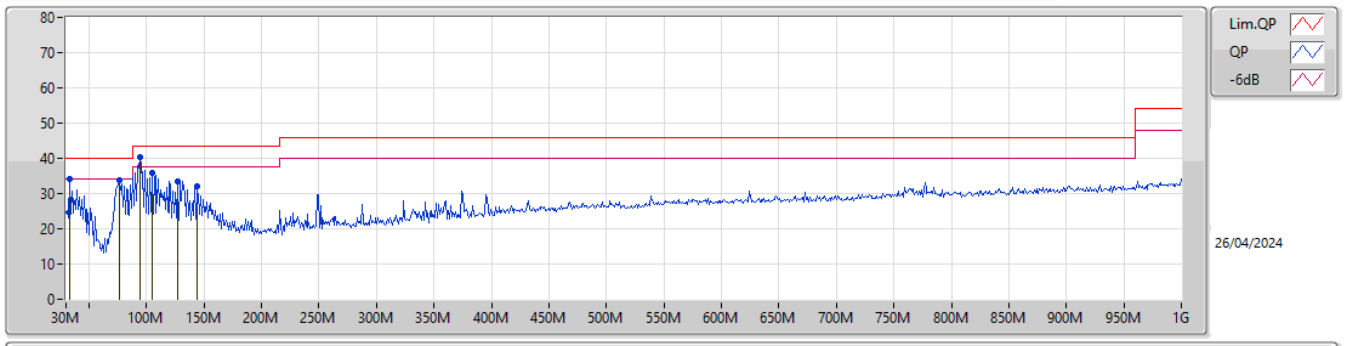


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.52	0.52	0.52

Summary

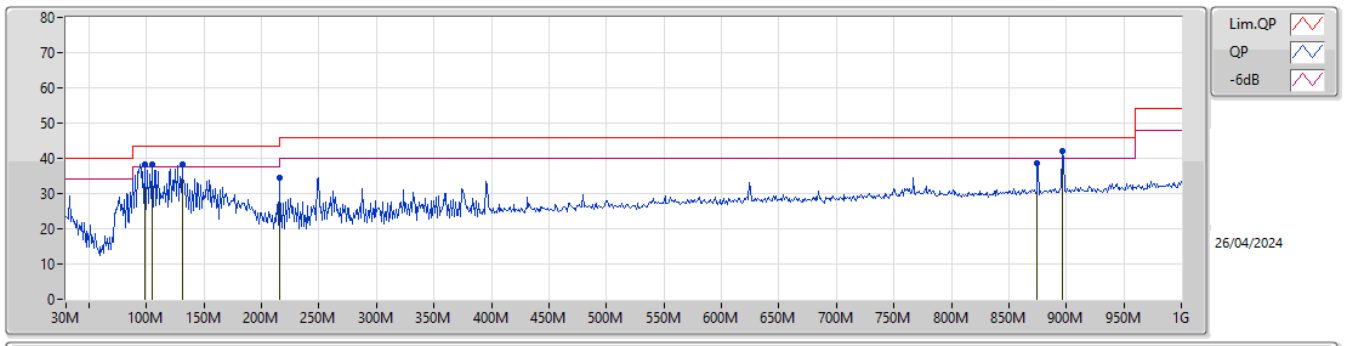
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	94.02M	40.22	43.50	-3.28	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	32.91M	34.27	40.00	-5.73	-8.12	3	Vertical	232	1.00	-	42.39	22.55	0.95	31.62
PK	76.56M	33.77	40.00	-6.23	-17.86	3	Vertical	120	1.50	-	51.63	12.54	1.55	31.95
PK	94.02M	40.22	43.50	-3.28	-14.47	3	Vertical	58	1.00	"Worst"	54.69	15.82	1.71	32.00
PK	104.69M	36.00	43.50	-7.50	-12.71	3	Vertical	172	1.00	-	48.71	17.45	1.79	31.95
PK	127M	33.56	43.50	-9.94	-11.98	3	Vertical	111	1.00	-	45.54	18.02	1.98	31.98
PK	143.49M	32.19	43.50	-11.31	-12.96	3	Vertical	129	1.00	-	45.15	16.92	2.10	31.98

Mode 2



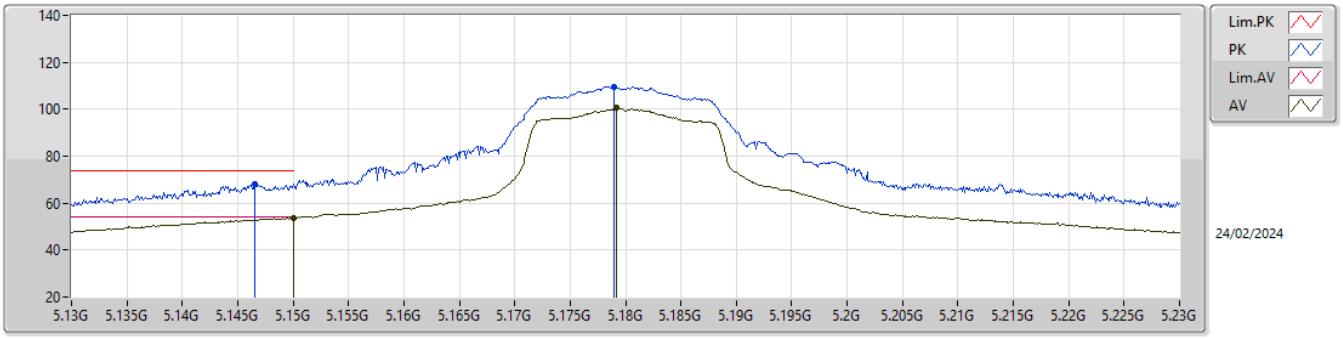
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	98.87M	38.36	43.50	-5.14	-13.65	3	Horizontal	352	3.00	-	52.01	16.56	1.74	31.95
PK	104.69M	38.16	43.50	-5.34	-12.71	3	Horizontal	345	2.00	-	50.87	17.45	1.79	31.95
PK	130.88M	38.24	43.50	-5.26	-12.07	3	Horizontal	180	2.00	-	50.31	17.89	2.01	31.97
PK	215.27M	34.45	43.50	-9.05	-14.43	3	Horizontal	104	2.00	-	48.88	14.99	2.60	32.02
PK	874.87M	38.68	46.00	-7.32	-0.68	3	Horizontal	0	1.00	-	39.36	26.14	5.72	32.54
PK	896.21M	42.04	46.00	-3.96	-0.24	3	Horizontal	360	1.50	"Worst"	42.28	26.40	5.82	32.46

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	53.75	54.00	-0.25	3	Vertical	65	2.84	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.1496G	53.88	54.00	-0.12	3	Vertical	30	2.17	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.1487G	53.94	54.00	-0.06	3	Vertical	146	2.87	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.1492G	53.87	54.00	-0.13	3	Vertical	156	2.85	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.35G	53.01	54.00	-0.99	3	Vertical	32	2.91	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.35G	53.59	54.00	-0.41	3	Vertical	142	3.00	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.351G	53.78	54.00	-0.22	3	Vertical	161	2.65	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.35G	53.63	54.00	-0.37	3	Vertical	66	2.83	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.466G	68.01	68.20	-0.19	3	Vertical	357	1.89	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.4674G	68.14	68.20	-0.06	3	Vertical	178	1.93	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.4654G	67.92	68.20	-0.28	3	Vertical	175	1.93	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.7252G	68.12	68.20	-0.08	3	Vertical	175	2.04	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	17.4783G	64.56	68.20	-3.64	3	Horizontal	126	2.69	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.926G	67.76	68.20	-0.44	3	Vertical	172	1.92	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.9245G	65.42	68.57	-3.15	3	Vertical	170	1.80	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.931G	67.89	68.20	-0.31	3	Vertical	170	2.03	-

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

5180MHz_TX

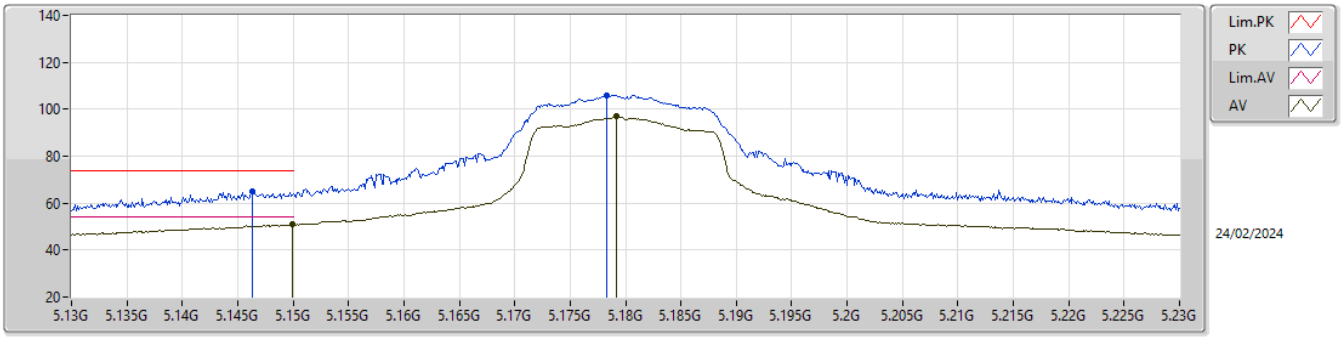


EUT X_1TX
Setting 64
04-C-C-6-10

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	5.1465G	68.29	74.00	-5.71	63.06	3	Vertical	65	2.84	-	32.59	5.90	33.26
AV	5.15G	53.75	54.00	-0.25	48.51	3	Vertical	65	2.84	-	32.60	5.90	33.26
PK	5.179G	109.60	Inf	-Inf	104.30	3	Vertical	65	2.84	-	32.66	5.91	33.27
AV	5.1792G	100.59	Inf	-Inf	95.29	3	Vertical	65	2.84	-	32.66	5.91	33.27

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

5180MHz_TX

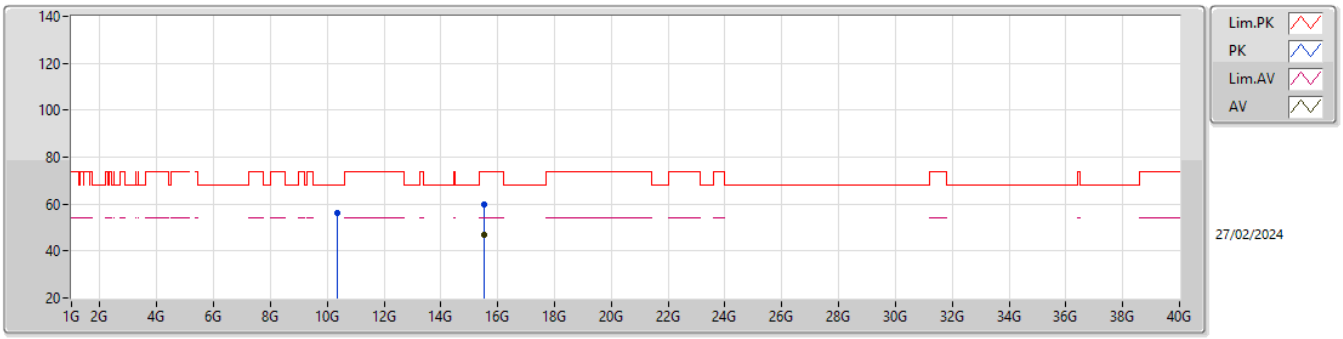


EUT X_1TX
Setting 64
04-C-C-6-10

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	5.1463G	65.16	74.00	-8.84	59.93	3	Horizontal	139	1.57	-	32.59	5.90	33.26
AV	5.1499G	50.96	54.00	-3.04	45.72	3	Horizontal	139	1.57	-	32.60	5.90	33.26
PK	5.1783G	105.98	Inf	-Inf	100.68	3	Horizontal	139	1.57	-	32.66	5.91	33.27
AV	5.1792G	96.93	Inf	-Inf	91.63	3	Horizontal	139	1.57	-	32.66	5.91	33.27

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

5180MHz_TX

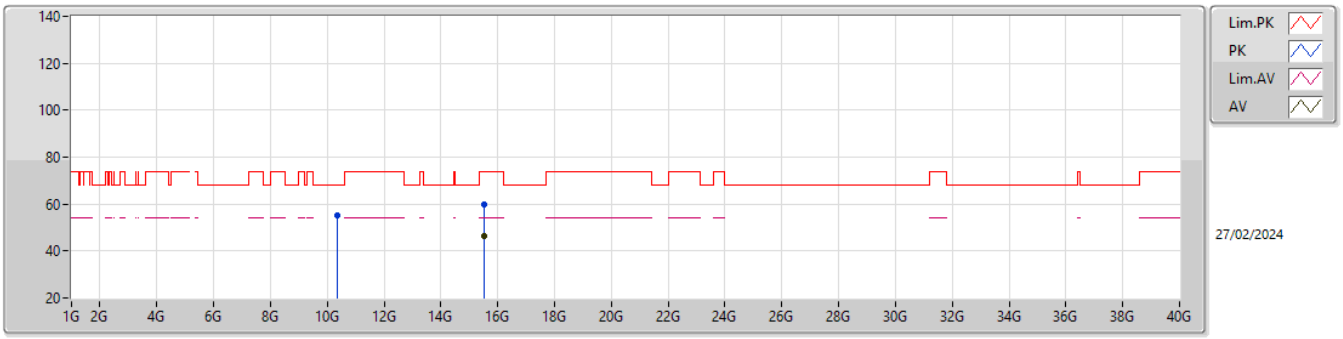


EUT Z_1TX
Setting 64
04-C-G-5

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	10.35702G	56.23	68.20	-11.97	42.48	3	Vertical	209	1.80	-	38.60	8.89	33.74
PK	15.54452G	59.95	74.00	-14.05	45.48	3	Vertical	270	1.80	-	38.30	11.23	35.06
AV	15.54335G	46.76	54.00	-7.24	32.29	3	Vertical	270	1.80	-	38.30	11.23	35.06

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

5180MHz_TX

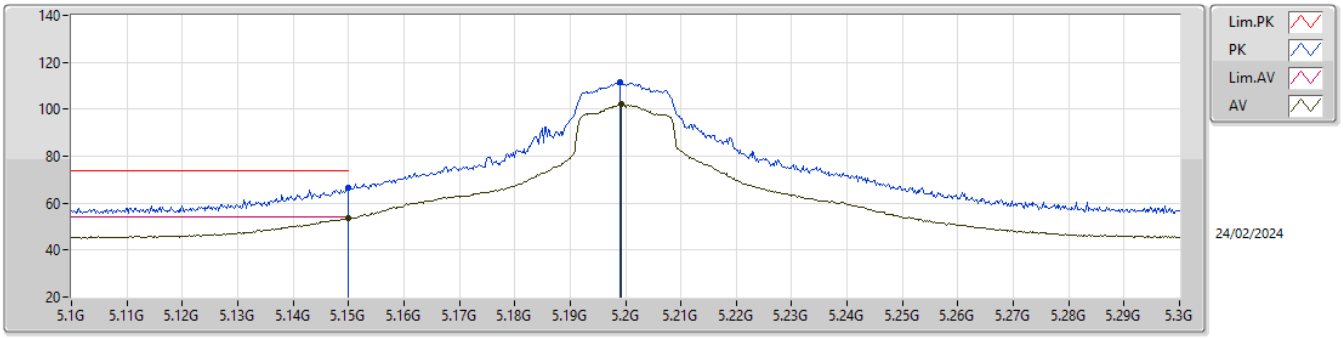


EUT Z_1TX
Setting 64
04-C-G-5

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	10.3636G	54.92	68.20	-13.28	41.16	3	Horizontal	0	1.80	-	38.60	8.90	33.74
PK	15.54184G	59.89	74.00	-14.11	45.42	3	Horizontal	325	2.59	-	38.30	11.23	35.06
AV	15.54406G	46.33	54.00	-7.67	31.86	3	Horizontal	325	2.59	-	38.30	11.23	35.06

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

5200MHz_TX

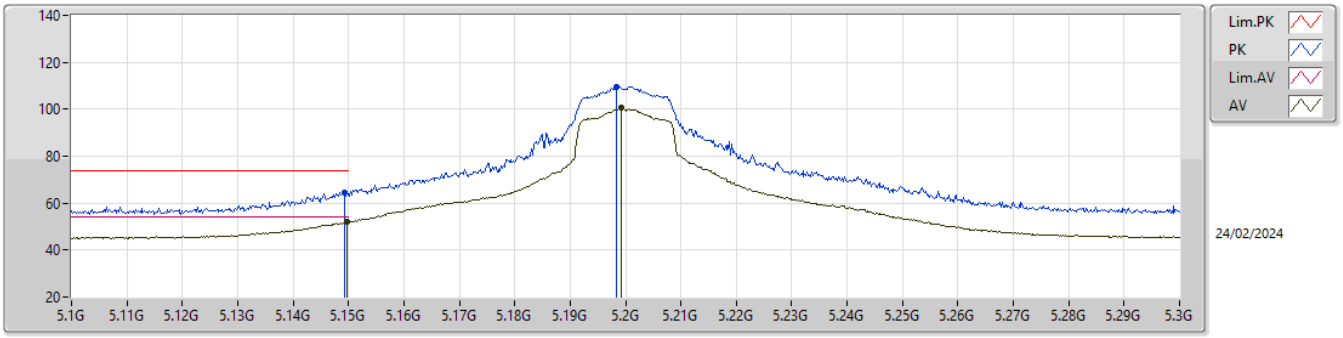


EUT X_1TX
Setting 77
04-C-C-6-10

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	66.50	74.00	-7.50	61.26	3	Vertical	90	2.82	-	32.60	5.90	33.26
AV	5.15G	53.55	54.00	-0.45	48.31	3	Vertical	90	2.82	-	32.60	5.90	33.26
PK	5.199G	111.36	Inf	-Inf	106.02	3	Vertical	90	2.82	-	32.70	5.92	33.28
AV	5.1992G	102.16	Inf	-Inf	96.82	3	Vertical	90	2.82	-	32.70	5.92	33.28

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

5200MHz_TX

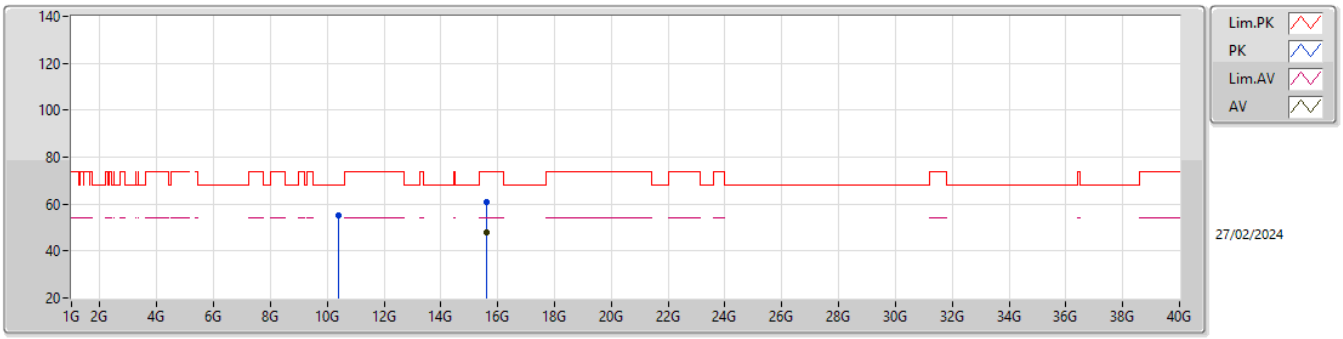


EUT X_1TX
Setting 77
04-C-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	64.72	74.00	-9.28	59.48	3	Horizontal	135	1.76	-	32.60	5.90	33.26
AV	5.1498G	52.01	54.00	-1.99	46.77	3	Horizontal	135	1.76	-	32.60	5.90	33.26
PK	5.1984G	109.47	Inf	-Inf	104.13	3	Horizontal	135	1.76	-	32.70	5.92	33.28
AV	5.1992G	100.55	Inf	-Inf	95.21	3	Horizontal	135	1.76	-	32.70	5.92	33.28

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

5200MHz_TX

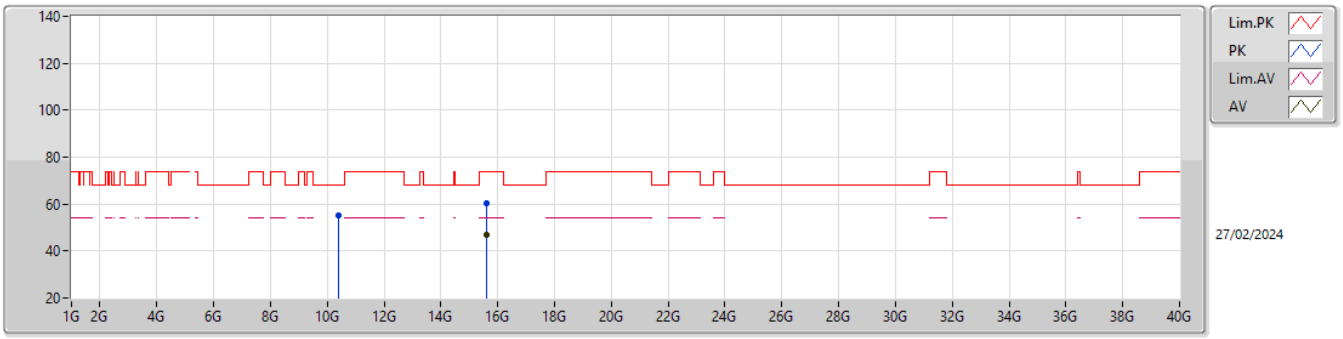


EUT Z_1TX
Setting 77
04-C-G-5

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	10.39503G	55.20	68.20	-13.00	41.46	3	Vertical	288	2.94	-	38.60	8.91	33.77
PK	15.6007G	60.66	74.00	-13.34	46.07	3	Vertical	201	1.27	-	38.39	11.26	35.06
AV	15.60202G	47.72	54.00	-6.28	33.14	3	Vertical	201	1.27	-	38.38	11.26	35.06

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

5200MHz_TX

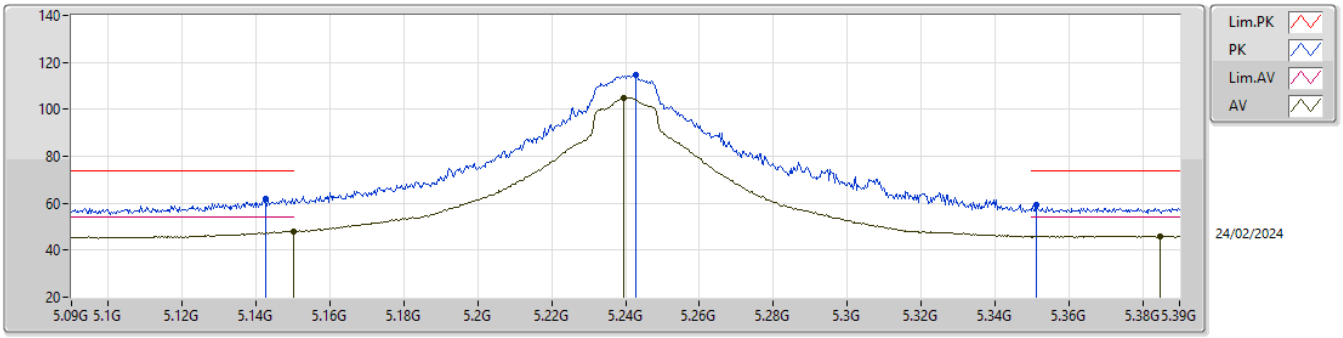


EUT Z_1TX
Setting 77
04-C-G-5

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	10.40413G	55.40	68.20	-12.80	41.65	3	Horizontal	319	1.33	-	38.60	8.92	33.77
PK	15.60087G	60.32	74.00	-13.68	45.73	3	Horizontal	105	2.94	-	38.39	11.26	35.06
AV	15.59764G	47.03	54.00	-6.97	32.43	3	Horizontal	105	2.94	-	38.40	11.26	35.06

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

5240MHz_TX

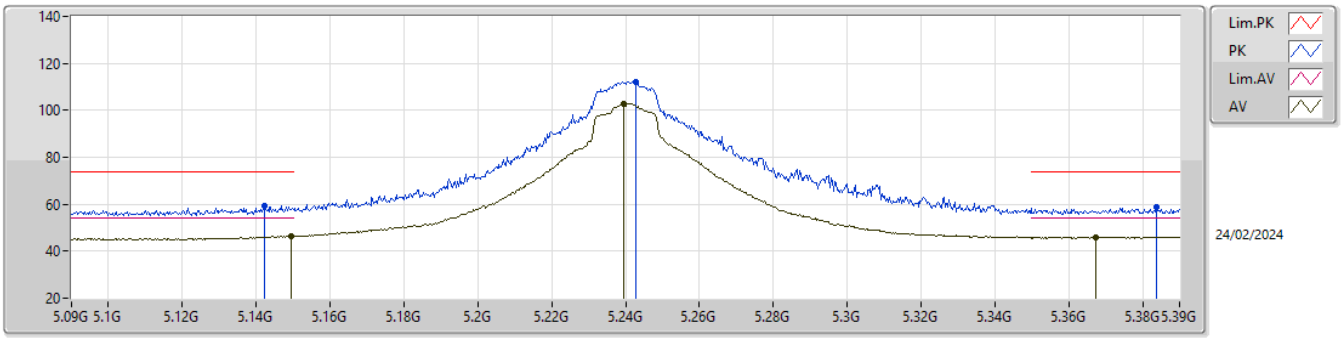


EUT X_1TX
Setting 85
04-C-C-6-10

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	5.1425G	61.99	74.00	-12.01	56.77	3	Vertical	1	2.87	-	32.59	5.89	33.26
AV	5.15G	48.17	54.00	-5.83	42.93	3	Vertical	1	2.87	-	32.60	5.90	33.26
PK	5.2427G	114.74	Inf	-Inf	109.38	3	Vertical	1	2.87	-	32.70	5.96	33.30
AV	5.2394G	105.07	Inf	-Inf	99.71	3	Vertical	1	2.87	-	32.70	5.96	33.30
PK	5.3513G	59.42	74.00	-14.58	53.78	3	Vertical	1	2.87	-	32.91	6.07	33.34
AV	5.3849G	46.10	54.00	-7.90	40.31	3	Vertical	1	2.87	-	33.04	6.10	33.35

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

5240MHz_TX

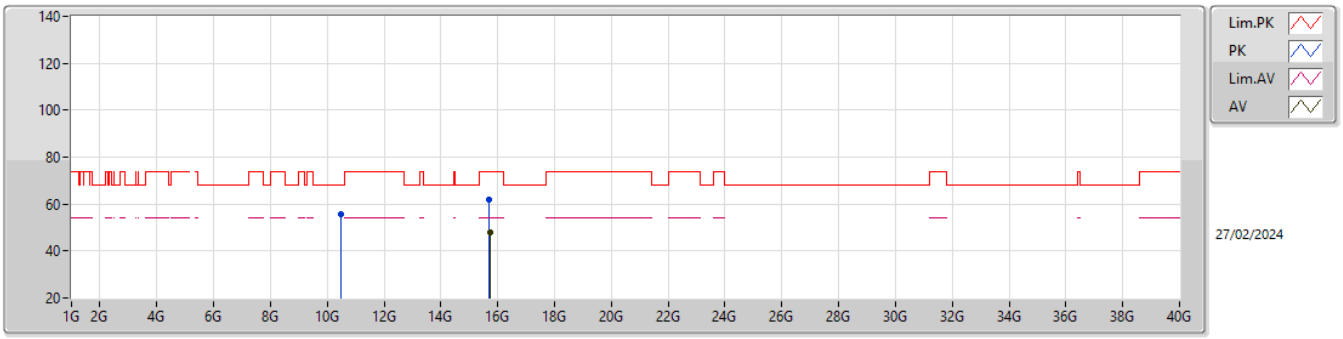


EUT X_1TX
Setting 85
04-C-C-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1422G	59.15	74.00	-14.85	53.94	3	Horizontal	135	1.71	-	32.58	5.89	33.26
AV	5.1494G	46.36	54.00	-7.64	41.12	3	Horizontal	135	1.71	-	32.60	5.90	33.26
PK	5.2427G	112.32	Inf	-Inf	106.96	3	Horizontal	135	1.71	-	32.70	5.96	33.30
AV	5.2394G	102.98	Inf	-Inf	97.62	3	Horizontal	135	1.71	-	32.70	5.96	33.30
PK	5.3837G	58.76	74.00	-15.24	52.98	3	Horizontal	135	1.71	-	33.03	6.10	33.35
AV	5.3672G	46.02	54.00	-7.98	40.30	3	Horizontal	135	1.71	-	32.97	6.09	33.34

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

5240MHz_TX

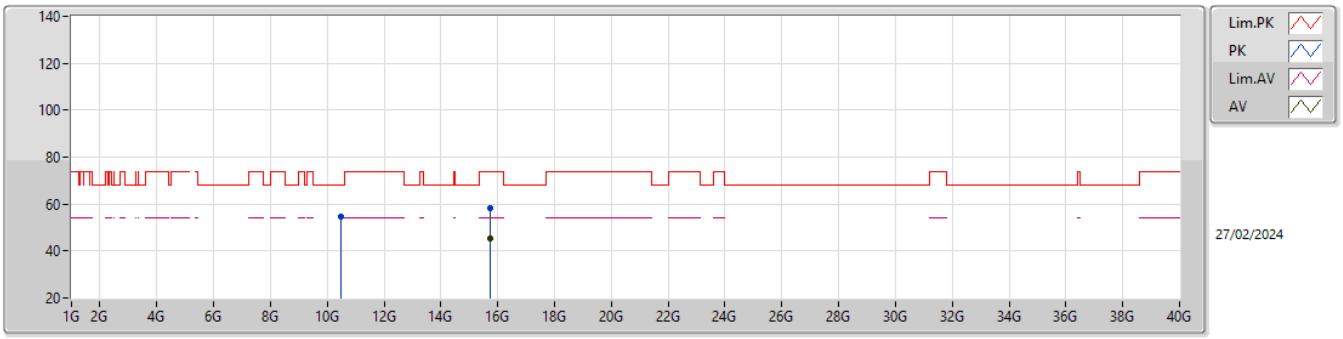


EUT Z_1TX
Setting 85
04-C-G-5

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	10.47823G	55.51	68.20	-12.69	41.72	3	Vertical	242	1.80	-	38.66	8.95	33.82
PK	15.71577G	61.87	74.00	-12.13	47.71	3	Vertical	240	1.97	-	37.89	11.31	35.04
AV	15.71982G	48.01	54.00	-5.99	33.81	3	Vertical	240	1.97	-	37.92	11.32	35.04

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

5240MHz_TX

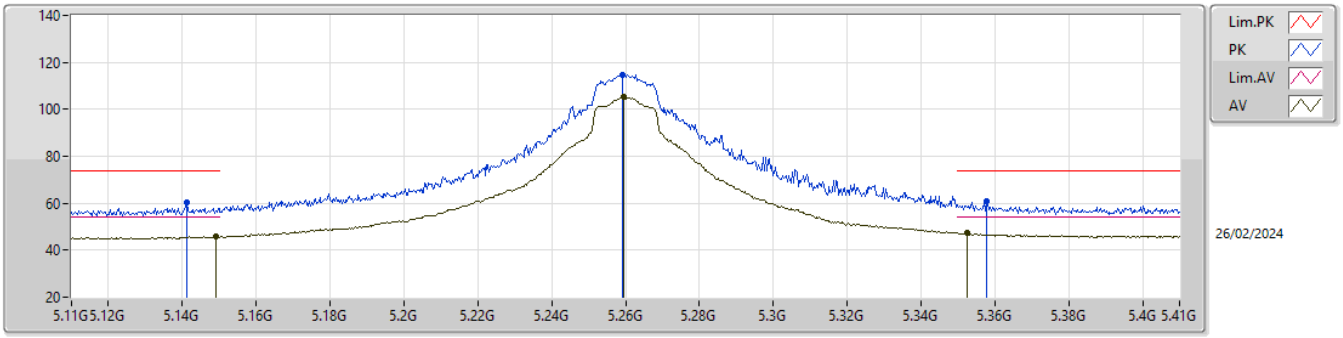


EUT Z_1TX
Setting 85
04-C-G-5

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	10.48018G	54.60	68.20	-13.60	40.82	3	Horizontal	210	2.45	-	38.66	8.95	33.83
PK	15.7163G	58.39	74.00	-15.61	44.21	3	Horizontal	163	1.44	-	37.90	11.32	35.04
AV	15.71639G	45.46	54.00	-8.54	31.28	3	Horizontal	163	1.44	-	37.90	11.32	35.04

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

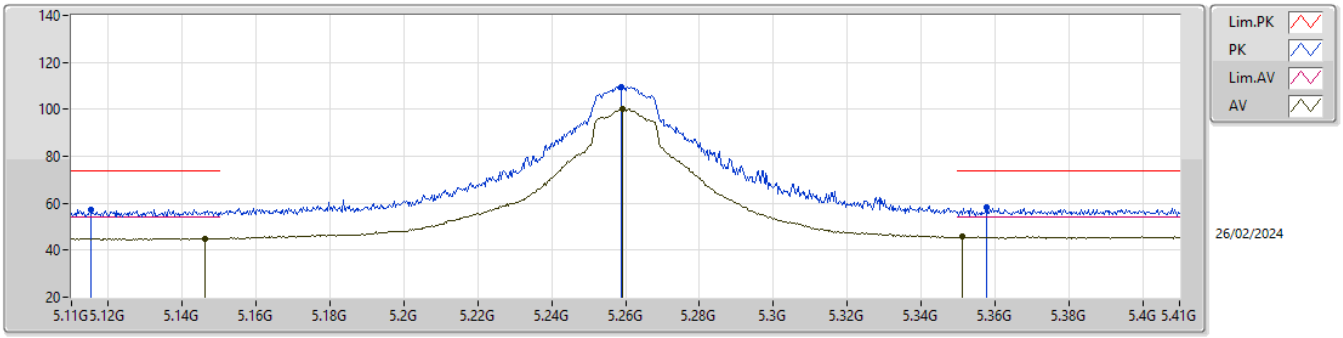


EUT X_1TX
Setting 85
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1412G	60.09	74.00	-13.91	54.88	3	Vertical	28	2.82	-	32.58	5.89	33.26
AV	5.149G	45.86	54.00	-8.14	40.62	3	Vertical	28	2.82	-	32.60	5.90	33.26
PK	5.2591G	114.65	Inf	-Inf	109.25	3	Vertical	28	2.82	-	32.72	5.98	33.30
AV	5.2594G	105.49	Inf	-Inf	100.09	3	Vertical	28	2.82	-	32.72	5.98	33.30
PK	5.3578G	60.74	74.00	-13.26	55.07	3	Vertical	28	2.82	-	32.93	6.08	33.34
AV	5.3524G	47.35	54.00	-6.65	41.71	3	Vertical	28	2.82	-	32.91	6.07	33.34

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

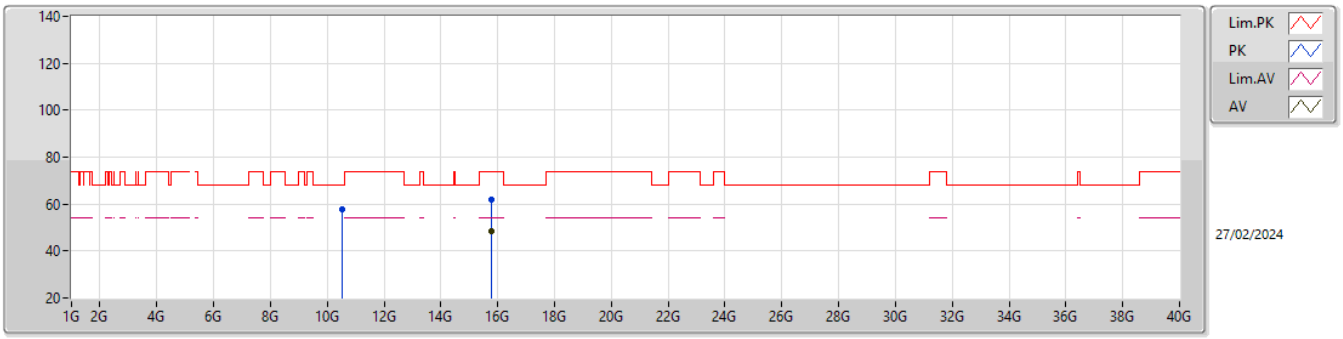


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.1151G	57.40	74.00	-16.60	52.24	3	Horizontal	152	1.70	-	32.53	5.88	33.25
AV	5.1463G	45.04	54.00	-8.96	39.81	3	Horizontal	152	1.70	-	32.59	5.90	33.26
PK	5.2588G	109.66	Inf	-Inf	104.26	3	Horizontal	152	1.70	-	32.72	5.98	33.30
AV	5.2591G	100.22	Inf	-Inf	94.82	3	Horizontal	152	1.70	-	32.72	5.98	33.30
PK	5.3578G	58.34	74.00	-15.66	52.67	3	Horizontal	152	1.70	-	32.93	6.08	33.34
AV	5.3512G	45.83	54.00	-8.17	40.20	3	Horizontal	152	1.70	-	32.90	6.07	33.34

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

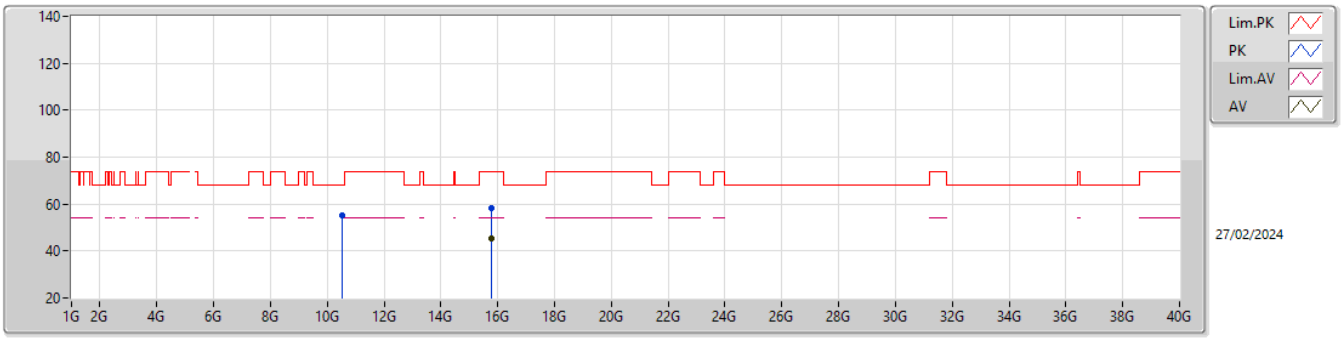


EUT Z_1TX
Setting 85
04-C-G-5

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	10.51841G	57.84	68.20	-10.36	43.99	3	Vertical	62	2.93	-	38.74	8.97	33.86
PK	15.77859G	62.08	74.00	-11.92	47.62	3	Vertical	259	1.00	-	38.16	11.34	35.04
AV	15.78G	48.30	54.00	-5.70	33.83	3	Vertical	259	1.00	-	38.16	11.35	35.04

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

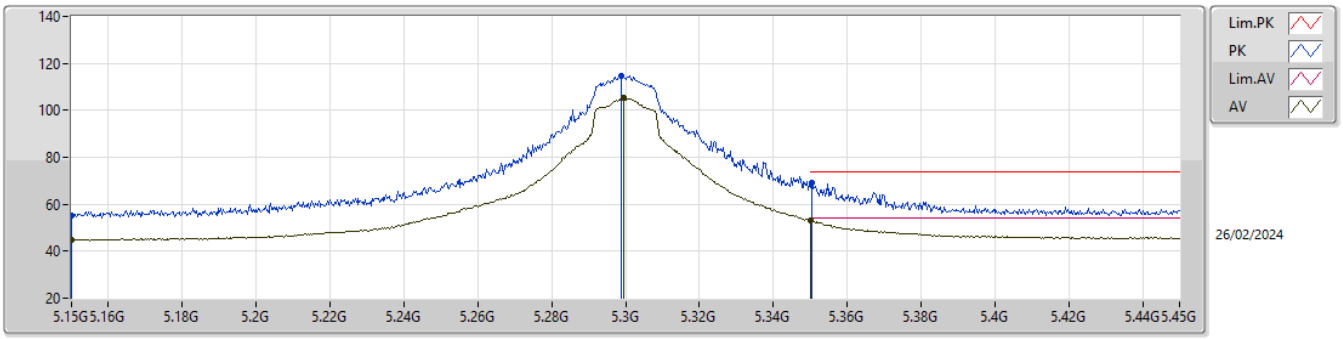


EUT Z_1TX
Setting 85
04-C-G-5

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	10.52341G	55.35	68.20	-12.85	41.48	3	Horizontal	60	2.79	-	38.75	8.98	33.86
PK	15.77751G	58.46	74.00	-15.54	44.00	3	Horizontal	89	2.25	-	38.16	11.34	35.04
AV	15.77673G	45.41	54.00	-8.59	30.96	3	Horizontal	89	2.25	-	38.15	11.34	35.04

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

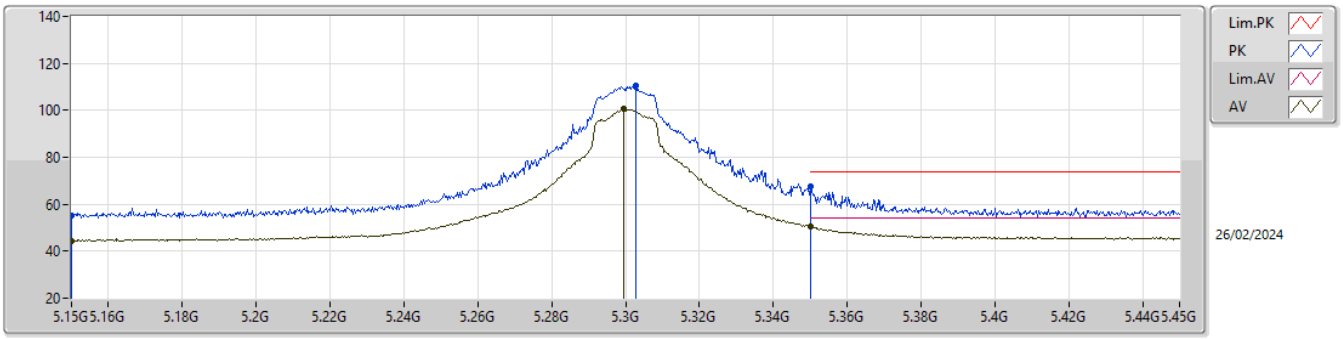


EUT X_1TX
Setting 82
04-C-G-5-10

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	55.34	74.00	-18.66	50.10	3	Vertical	29	3.00	-	32.60	5.90	33.26
AV	5.15G	44.57	54.00	-9.43	39.33	3	Vertical	29	3.00	-	32.60	5.90	33.26
PK	5.2988G	114.74	Inf	-Inf	109.24	3	Vertical	29	3.00	-	32.80	6.02	33.32
AV	5.2994G	105.36	Inf	-Inf	99.86	3	Vertical	29	3.00	-	32.80	6.02	33.32
PK	5.3504G	69.39	74.00	-4.61	63.76	3	Vertical	29	3.00	-	32.90	6.07	33.34
AV	5.35G	53.00	54.00	-1.00	47.37	3	Vertical	29	3.00	-	32.90	6.07	33.34

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

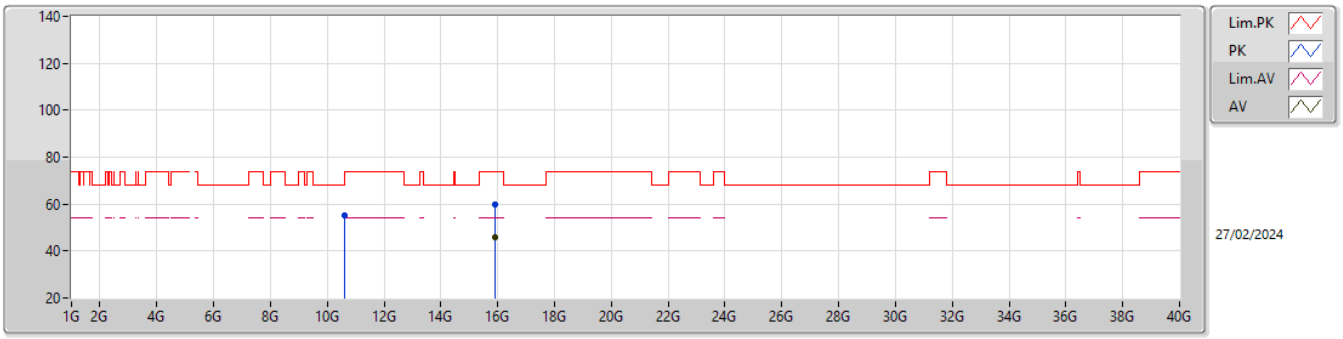


EUT X_1TX
Setting 82
04-C-G-5-10

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	55.10	74.00	-18.90	49.86	3	Horizontal	146	2.01	-	32.60	5.90	33.26
AV	5.15G	44.54	54.00	-9.46	39.30	3	Horizontal	146	2.01	-	32.60	5.90	33.26
PK	5.3027G	110.31	Inf	-Inf	104.80	3	Horizontal	146	2.01	-	32.81	6.02	33.32
AV	5.2994G	100.86	Inf	-Inf	95.36	3	Horizontal	146	2.01	-	32.80	6.02	33.32
PK	5.35G	67.47	74.00	-6.53	61.84	3	Horizontal	146	2.01	-	32.90	6.07	33.34
AV	5.35G	50.53	54.00	-3.47	44.90	3	Horizontal	146	2.01	-	32.90	6.07	33.34

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

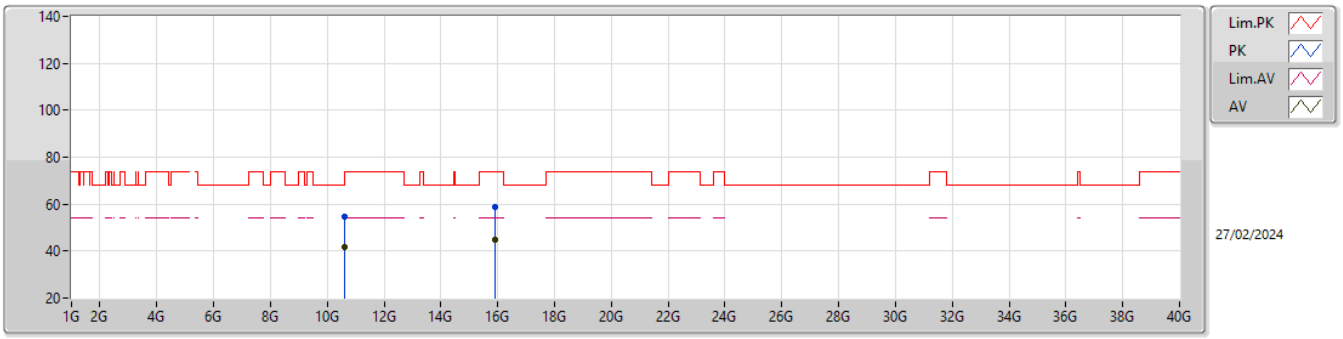


EUT Z_1TX
Setting 82
04-C-G-5

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	10.59532G	55.07	68.20	-13.13	41.09	3	Vertical	5	1.44	-	38.89	9.01	33.92
PK	15.89856G	59.66	74.00	-14.34	45.08	3	Vertical	240	1.92	-	38.20	11.40	35.02
AV	15.89716G	46.00	54.00	-8.00	31.43	3	Vertical	240	1.92	-	38.19	11.40	35.02

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

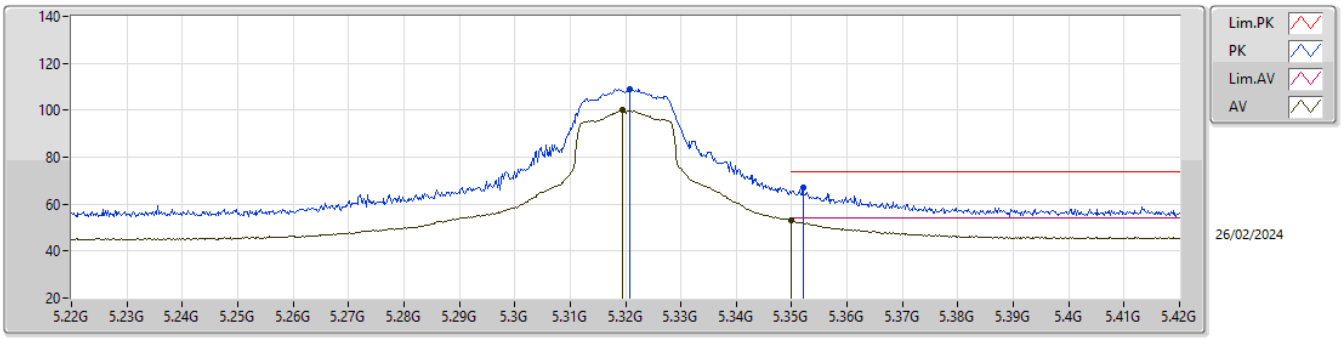


EUT Z_1TX
Setting 82
04-C-G-5

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	10.59745G	54.47	68.20	-13.73	40.50	3	Horizontal	173	2.97	-	38.89	9.01	33.93
AV	10.60311G	41.64	54.00	-12.36	27.65	3	Horizontal	173	2.97	-	38.90	9.02	33.93
PK	15.90233G	58.71	74.00	-15.29	44.12	3	Horizontal	3	1.80	-	38.21	11.40	35.02
AV	15.90466G	44.93	54.00	-9.07	30.33	3	Horizontal	3	1.80	-	38.22	11.40	35.02

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

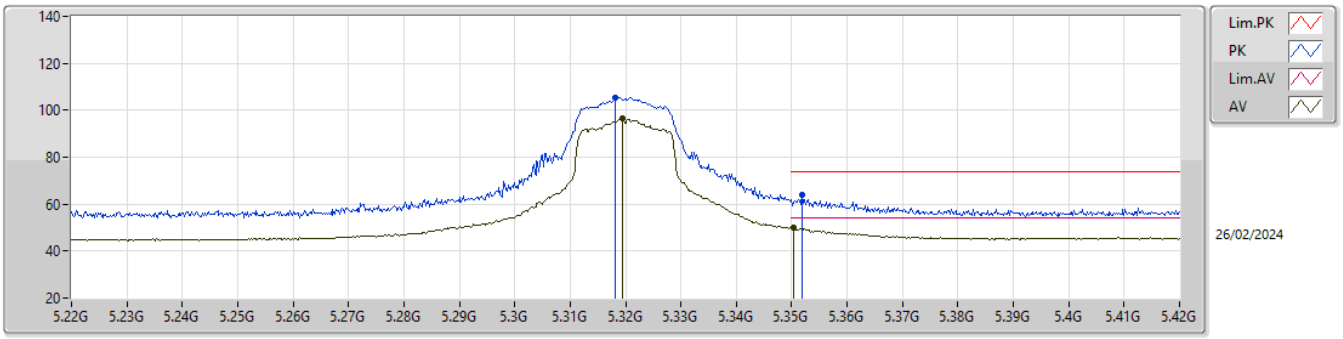


EUT X_1TX
Setting 69
04-C-G-5-10

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	5.3208G	109.16	Inf	-Inf	103.61	3	Vertical	32	2.91	-	32.84	6.04	33.33
AV	5.3194G	100.07	Inf	-Inf	94.51	3	Vertical	32	2.91	-	32.84	6.04	33.32
PK	5.352G	67.17	74.00	-6.83	61.53	3	Vertical	32	2.91	-	32.91	6.07	33.34
AV	5.35G	53.01	54.00	-0.99	47.38	3	Vertical	32	2.91	-	32.90	6.07	33.34

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

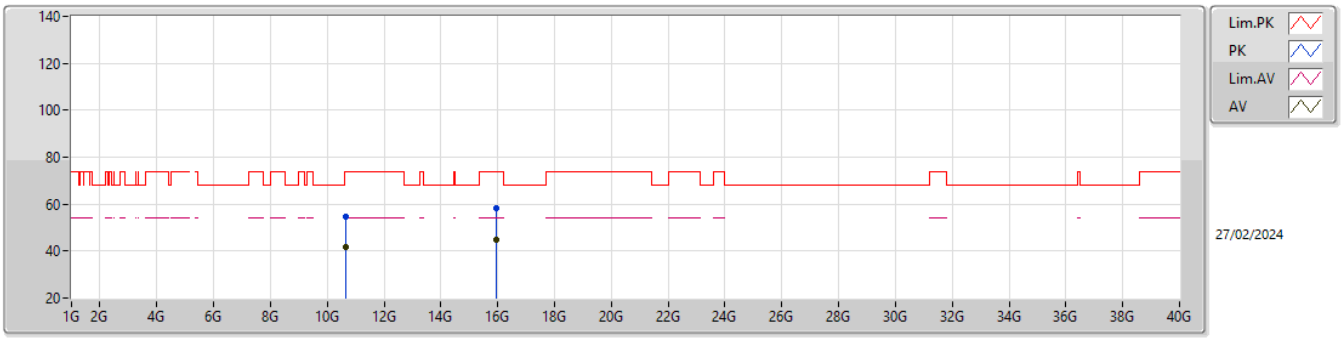


EUT X_1TX
Setting 69
04-C-G-5-10

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	5.3182G	105.34	Inf	-Inf	99.78	3	Horizontal	152	1.96	-	32.84	6.04	33.32
AV	5.3194G	96.37	Inf	-Inf	90.81	3	Horizontal	152	1.96	-	32.84	6.04	33.32
PK	5.3518G	64.02	74.00	-9.98	58.38	3	Horizontal	152	1.96	-	32.91	6.07	33.34
AV	5.3504G	49.92	54.00	-4.08	44.29	3	Horizontal	152	1.96	-	32.90	6.07	33.34

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

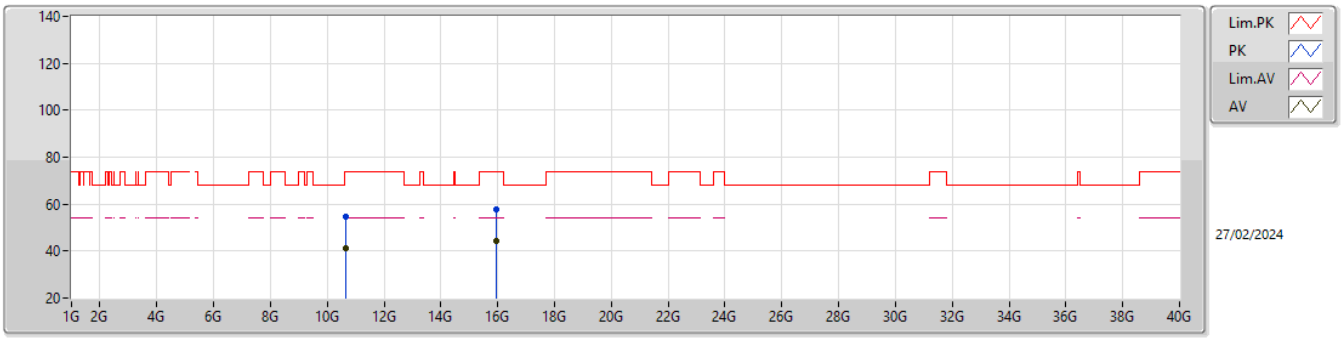


EUT Z_1TX
Setting 69
04-C-G-5

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	10.63535G	54.58	74.00	-19.42	40.61	3	Vertical	5	1.92	-	38.90	9.03	33.96
AV	10.63547G	41.64	54.00	-12.36	27.67	3	Vertical	5	1.92	-	38.90	9.03	33.96
PK	15.963G	58.29	74.00	-15.71	43.47	3	Vertical	292	1.80	-	38.40	11.43	35.01
AV	15.95929G	44.70	54.00	-9.30	29.88	3	Vertical	292	1.80	-	38.40	11.43	35.01

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

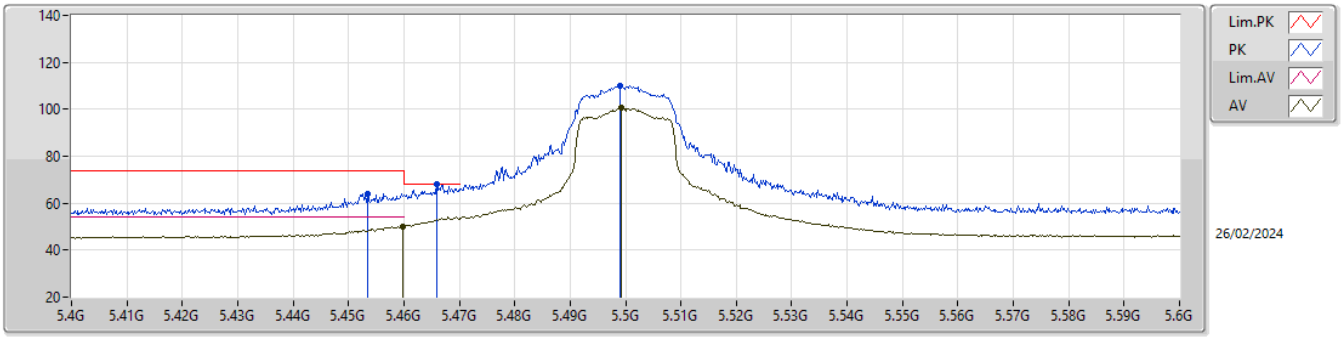


EUT Z_1TX
Setting 69
04-C-G-5

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	10.63561G	54.75	74.00	-19.25	40.78	3	Horizontal	193	1.83	-	38.90	9.03	33.96
AV	10.6389G	41.41	54.00	-12.59	27.43	3	Horizontal	193	1.83	-	38.90	9.04	33.96
PK	15.96011G	57.58	74.00	-16.42	42.76	3	Horizontal	49	2.73	-	38.40	11.43	35.01
AV	15.96421G	44.54	54.00	-9.46	29.72	3	Horizontal	49	2.73	-	38.40	11.43	35.01

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

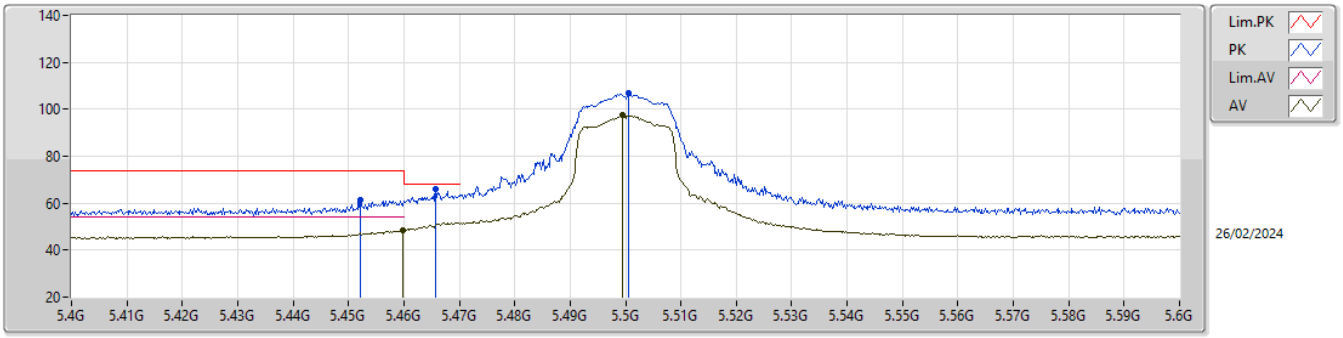


EUT X_1TX
Setting 67
04-C-G-5-10

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	5.4534G	63.98	74.00	-10.02	57.88	3	Vertical	357	1.89	-	33.32	6.15	33.37
PK	5.466G	68.01	68.20	-0.19	61.84	3	Vertical	357	1.89	-	33.40	6.15	33.38
AV	5.4598G	50.14	54.00	-3.86	44.01	3	Vertical	357	1.89	-	33.36	6.15	33.38
PK	5.499G	110.02	Inf	-Inf	103.65	3	Vertical	357	1.89	-	33.59	6.17	33.39
AV	5.4992G	100.82	Inf	-Inf	94.44	3	Vertical	357	1.89	-	33.60	6.17	33.39

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

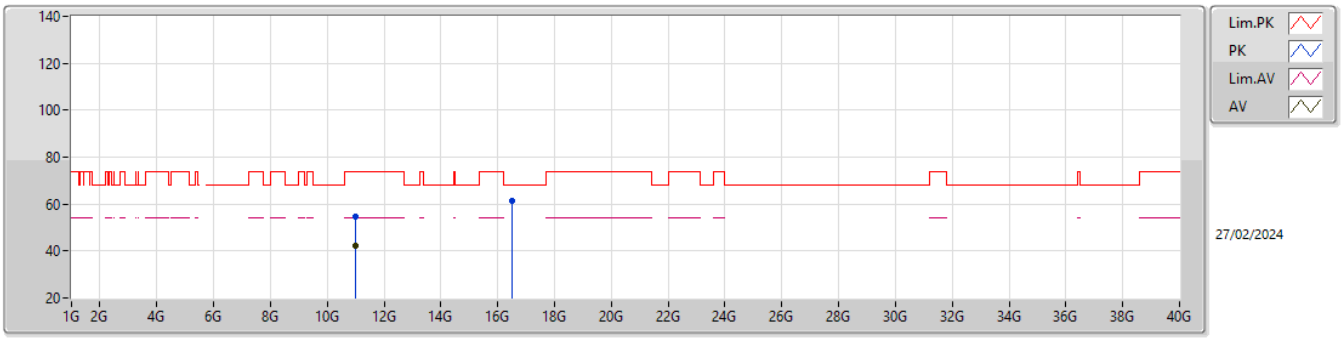


EUT X_1TX
Setting 67
04-C-G-5-10

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	5.4522G	61.42	74.00	-12.58	55.33	3	Horizontal	146	2.23	-	33.31	6.15	33.37
PK	5.4658G	65.81	68.20	-2.39	59.65	3	Horizontal	146	2.23	-	33.39	6.15	33.38
AV	5.4598G	48.47	54.00	-5.53	42.34	3	Horizontal	146	2.23	-	33.36	6.15	33.38
PK	5.5006G	106.67	Inf	-Inf	100.29	3	Horizontal	146	2.23	-	33.60	6.17	33.39
AV	5.4994G	97.47	Inf	-Inf	91.09	3	Horizontal	146	2.23	-	33.60	6.17	33.39

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

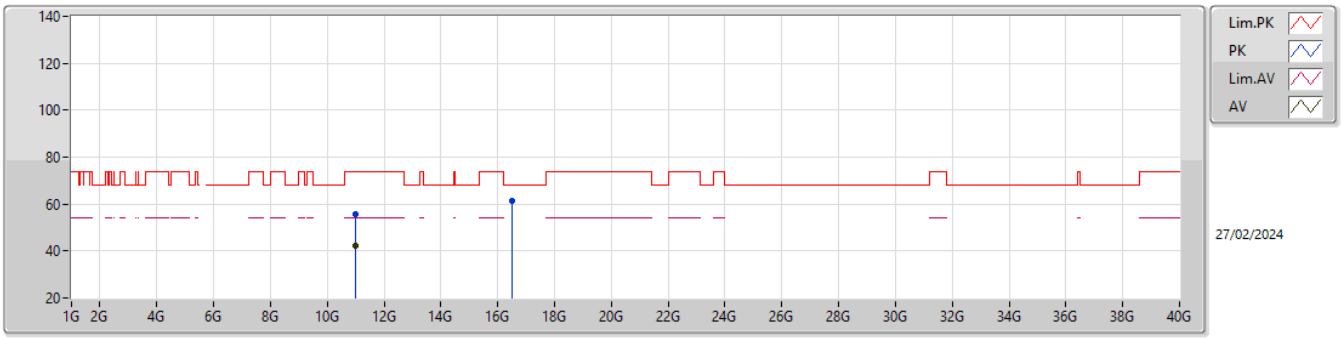


EUT Z_1TX
Setting 67
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00062G	54.74	74.00	-19.26	40.90	3	Vertical	185	2.80	-	38.90	9.22	34.28
AV	10.99753G	42.13	54.00	-11.87	28.29	3	Vertical	185	2.80	-	38.90	9.22	34.28
PK	16.50373G	61.47	68.20	-6.73	45.21	3	Vertical	228	1.24	-	39.31	11.86	34.91

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

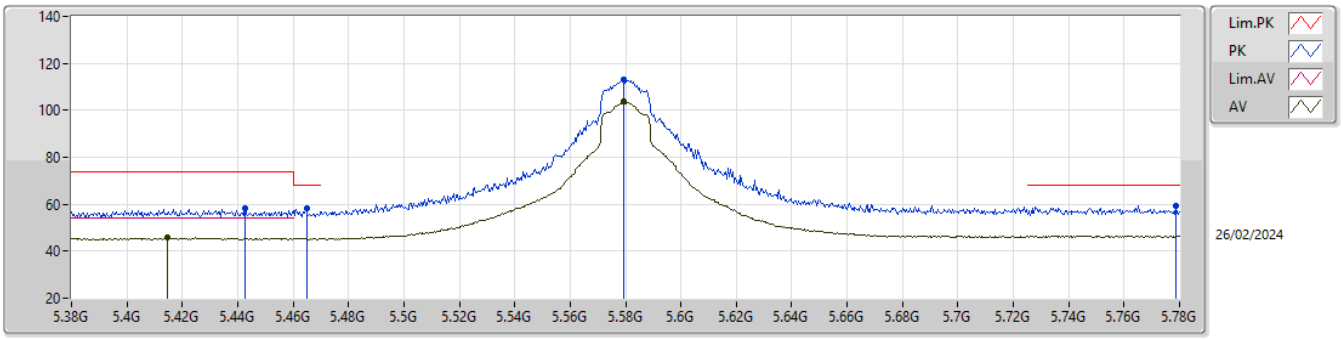


EUT Z_1TX
Setting 67
04-C-G-5

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	10.99594G	55.75	74.00	-18.25	41.90	3	Horizontal	179	2.25	-	38.91	9.22	34.28
AV	10.99809G	42.16	54.00	-11.84	28.32	3	Horizontal	179	2.25	-	38.90	9.22	34.28
PK	16.49543G	61.25	68.20	-6.95	45.02	3	Horizontal	231	2.49	-	39.29	11.85	34.91

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

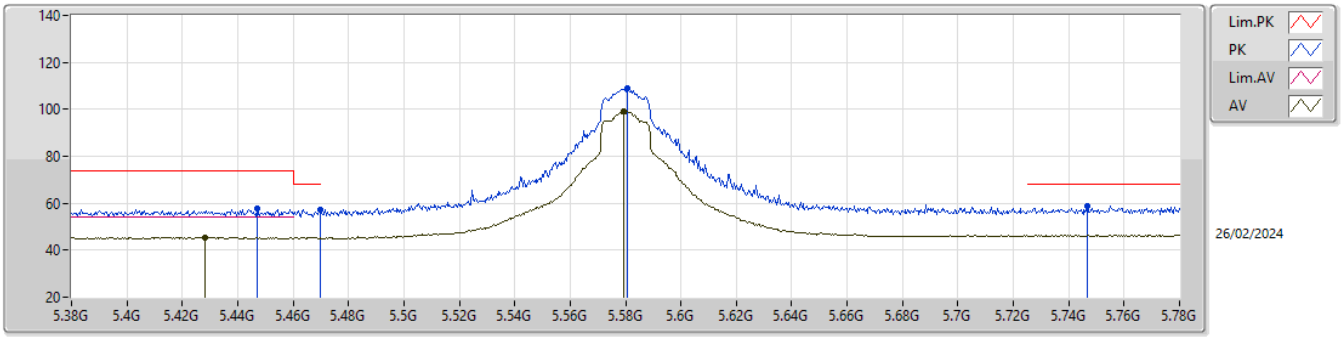


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.4428G	58.07	74.00	-15.93	52.03	3	Vertical	360	1.99	-	33.27	6.14	33.37
AV	5.4148G	45.71	54.00	-8.29	39.78	3	Vertical	360	1.99	-	33.16	6.13	33.36
PK	5.4648G	58.27	68.20	-9.93	52.11	3	Vertical	360	1.99	-	33.39	6.15	33.38
PK	5.5792G	113.04	Inf	-Inf	106.54	3	Vertical	360	1.99	-	33.70	6.21	33.41
AV	5.5792G	103.94	Inf	-Inf	97.44	3	Vertical	360	1.99	-	33.70	6.21	33.41
PK	5.7788G	59.12	68.20	-9.08	52.27	3	Vertical	360	1.99	-	34.12	6.20	33.47

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

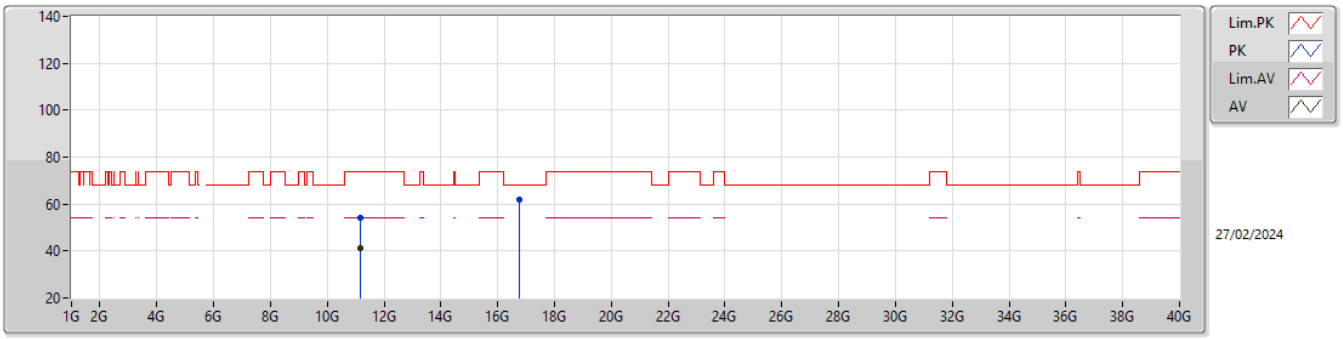


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.4472G	57.61	74.00	-16.39	51.55	3	Horizontal	149	2.16	-	33.29	6.14	33.37
AV	5.428G	45.54	54.00	-8.46	39.56	3	Horizontal	149	2.16	-	33.21	6.13	33.36
PK	5.4696G	57.22	68.20	-10.98	51.03	3	Horizontal	149	2.16	-	33.42	6.15	33.38
PK	5.5808G	108.73	Inf	-Inf	102.23	3	Horizontal	149	2.16	-	33.70	6.21	33.41
AV	5.5792G	99.34	Inf	-Inf	92.84	3	Horizontal	149	2.16	-	33.70	6.21	33.41
PK	5.7468G	58.63	68.20	-9.57	51.89	3	Horizontal	149	2.16	-	33.99	6.21	33.46

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

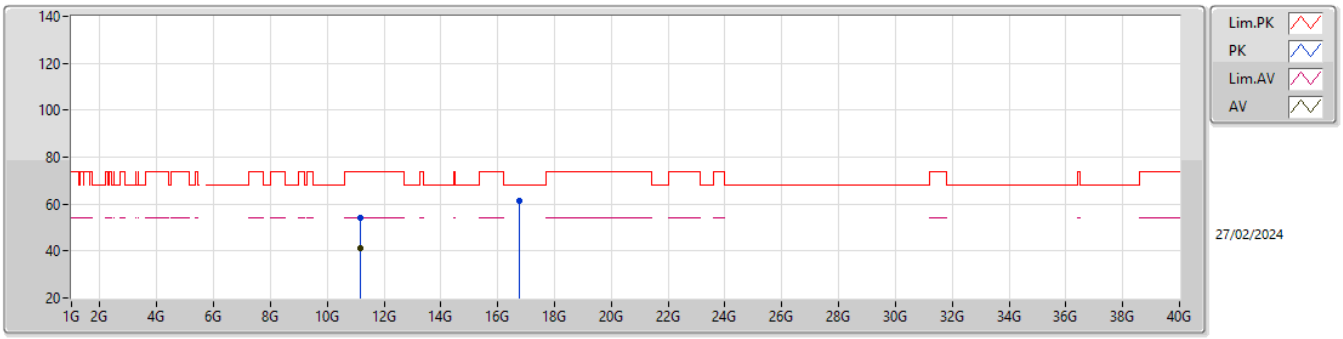


EUT Z_1TX
Setting 85
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15589G	54.27	74.00	-19.73	40.78	3	Vertical	339	2.66	-	38.60	9.30	34.41
AV	11.16088G	41.12	54.00	-12.88	27.64	3	Vertical	339	2.66	-	38.60	9.30	34.42
PK	16.74366G	61.97	68.20	-6.23	45.13	3	Vertical	124	1.80	-	39.77	12.05	34.98

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

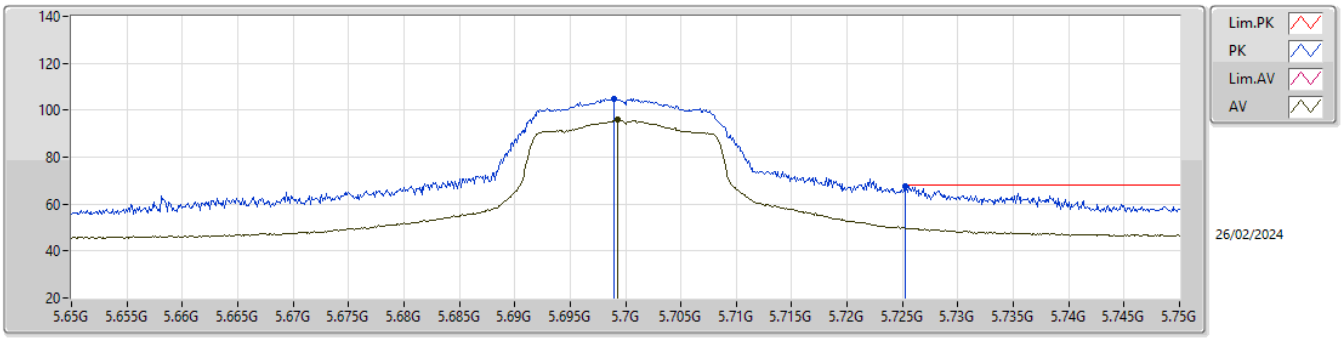


EUT Z_1TX
Setting 85
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16131G	54.15	74.00	-19.85	40.67	3	Horizontal	125	1.37	-	38.60	9.30	34.42
AV	11.16289G	41.03	54.00	-12.97	27.55	3	Horizontal	125	1.37	-	38.60	9.30	34.42
PK	16.74101G	61.17	68.20	-7.03	44.34	3	Horizontal	110	1.69	-	39.76	12.05	34.98

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

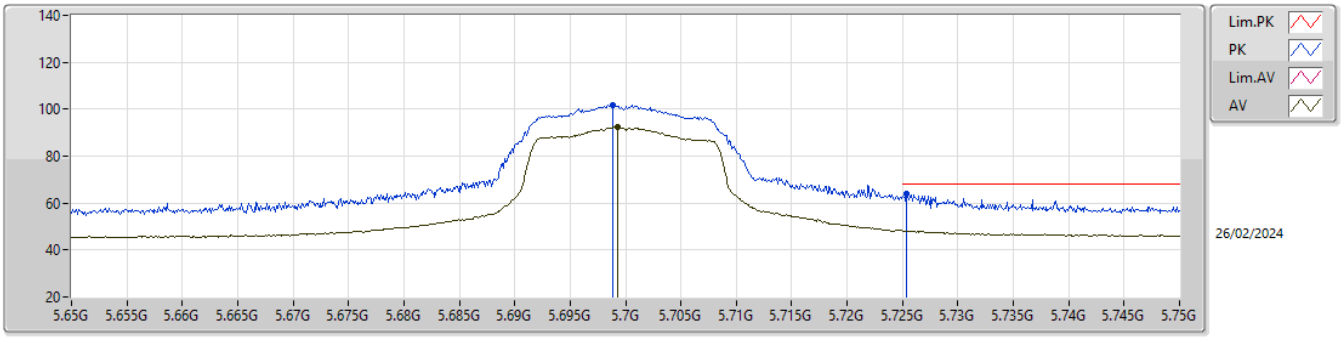


EUT X_1TX
Setting 58
04-C-G-5-10

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	5.699G	104.91	Inf	-Inf	98.35	3	Vertical	360	1.82	-	33.80	6.21	33.45
AV	5.6993G	95.83	Inf	-Inf	89.27	3	Vertical	360	1.82	-	33.80	6.21	33.45
PK	5.7252G	67.42	68.20	-0.78	60.76	3	Vertical	360	1.82	-	33.90	6.21	33.45

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

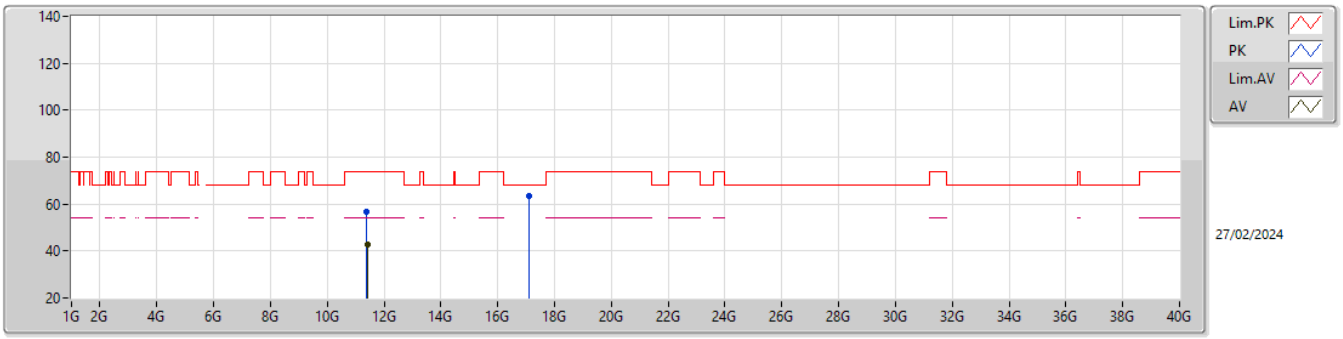


EUT X_1TX
Setting 58
04-C-G-5-10

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	5.6989G	101.60	Inf	-Inf	95.04	3	Horizontal	146	2.22	-	33.80	6.21	33.45
AV	5.6993G	92.59	Inf	-Inf	86.03	3	Horizontal	146	2.22	-	33.80	6.21	33.45
PK	5.7254G	63.83	68.20	-4.37	57.17	3	Horizontal	146	2.22	-	33.90	6.21	33.45

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

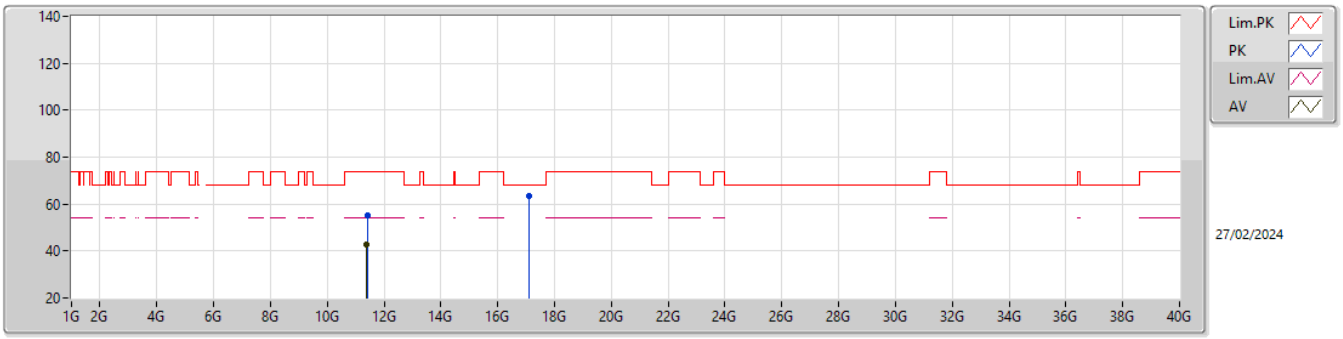


EUT Z_1TX
Setting 58
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39643G	56.71	74.00	-17.29	43.11	3	Vertical	219	1.14	-	38.80	9.42	34.62
AV	11.40201G	42.92	54.00	-11.08	29.32	3	Vertical	219	1.14	-	38.80	9.43	34.63
PK	17.09628G	63.29	68.20	-4.91	45.05	3	Vertical	256	1.85	-	40.98	12.33	35.07

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

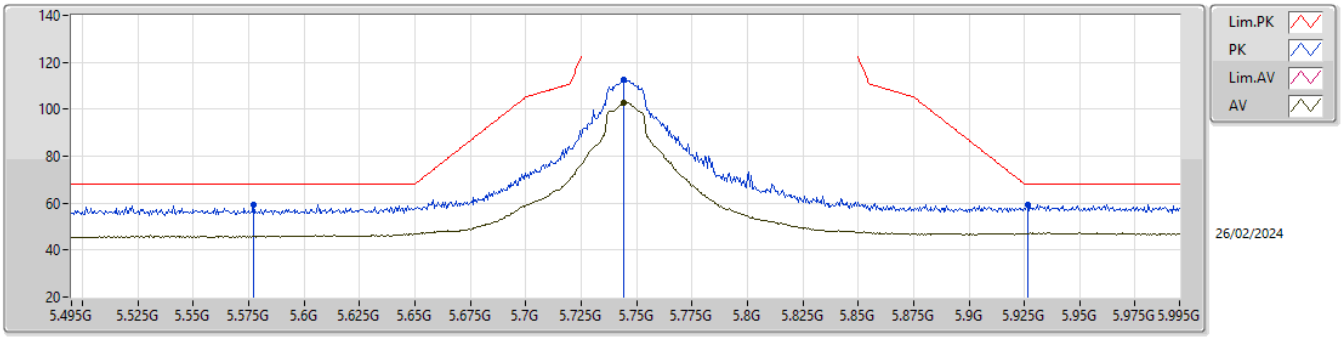


EUT Z_1TX
Setting 58
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40218G	55.43	74.00	-18.57	41.83	3	Horizontal	150	1.26	-	38.80	9.43	34.63
AV	11.39834G	42.99	54.00	-11.01	29.39	3	Horizontal	150	1.26	-	38.80	9.42	34.62
PK	17.10015G	63.28	68.20	-4.92	45.01	3	Horizontal	202	1.80	-	41.00	12.34	35.07

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

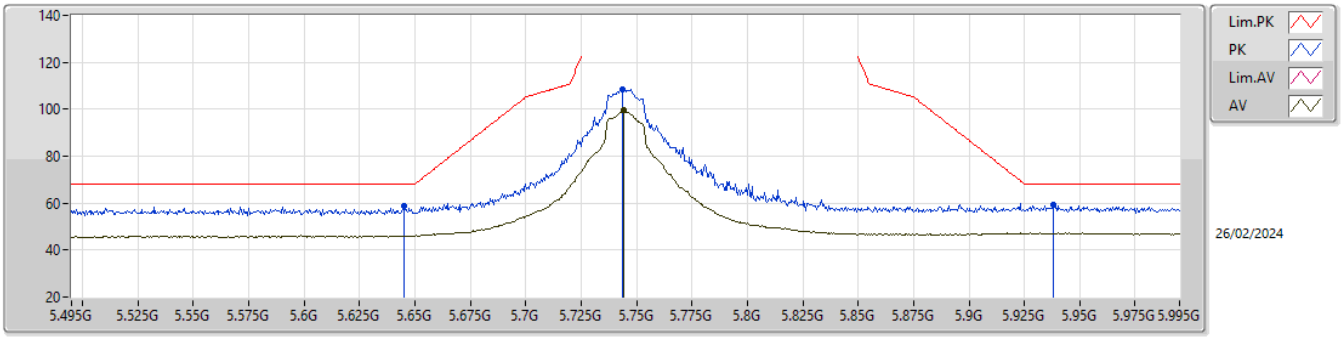


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.577G	59.16	68.20	-9.04	52.66	3	Vertical	360	1.80	-	33.70	6.21	33.41
PK	5.744G	112.34	Inf	-Inf	105.61	3	Vertical	360	1.80	-	33.98	6.21	33.46
AV	5.744G	102.96	Inf	-Inf	96.23	3	Vertical	360	1.80	-	33.98	6.21	33.46
PK	5.9265G	59.17	68.20	-9.03	51.51	3	Vertical	360	1.80	-	34.86	6.31	33.51

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

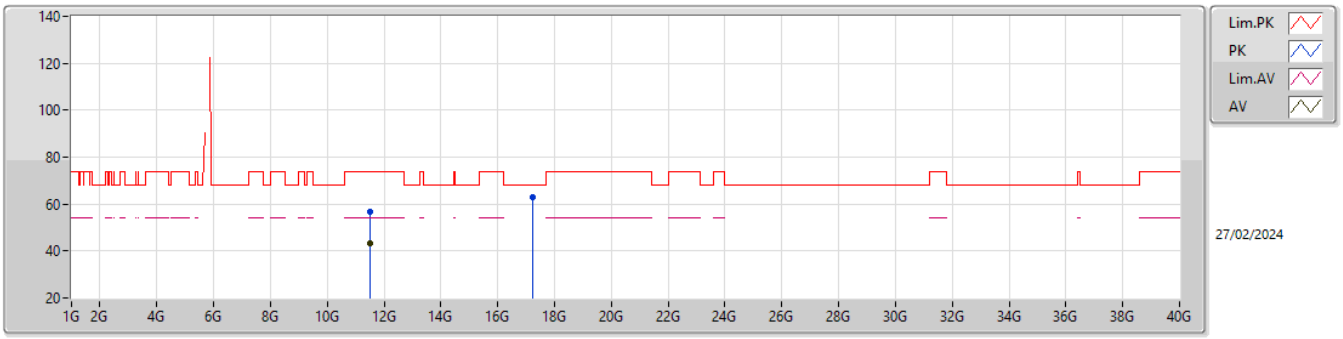


EUT X_1TX
Setting 85
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	58.61	68.20	-9.59	52.12	3	Horizontal	143	2.32	-	33.70	6.22	33.43
PK	5.7435G	108.44	Inf	-Inf	101.72	3	Horizontal	143	2.32	-	33.97	6.21	33.46
AV	5.744G	99.54	Inf	-Inf	92.81	3	Horizontal	143	2.32	-	33.98	6.21	33.46
PK	5.938G	59.45	68.20	-8.75	51.71	3	Horizontal	143	2.32	-	34.93	6.32	33.51

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

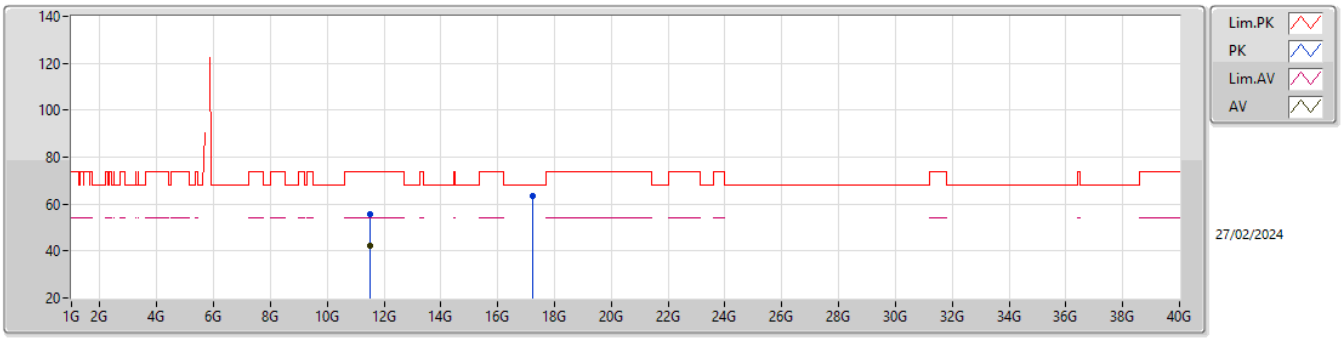


EUT Z_1TX
Setting 85
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48813G	56.79	74.00	-17.21	43.22	3	Vertical	13	2.69	-	38.80	9.47	34.70
AV	11.48736G	43.19	54.00	-10.81	29.62	3	Vertical	13	2.69	-	38.80	9.47	34.70
PK	17.23385G	62.92	68.20	-5.28	44.30	3	Vertical	343	1.80	-	41.27	12.44	35.09

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

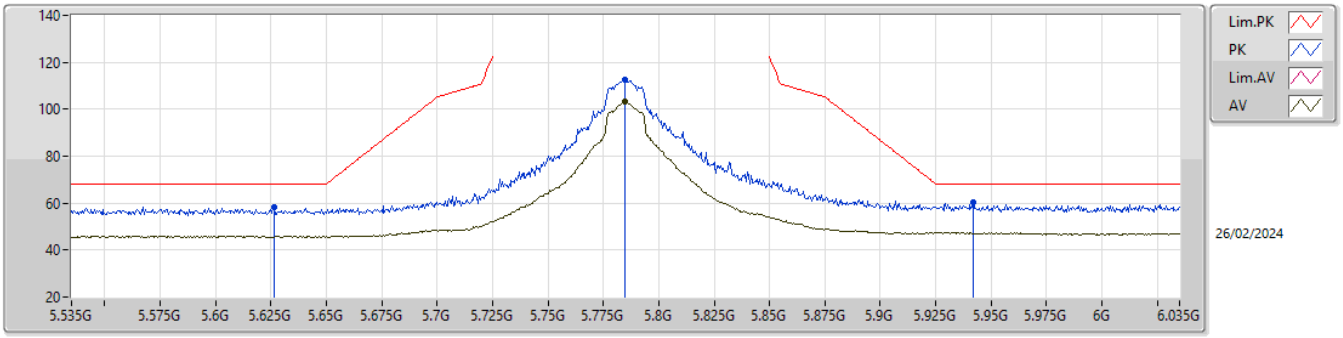


EUT Z_1TX
Setting 85
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49133G	55.73	74.00	-18.27	42.16	3	Horizontal	103	1.72	-	38.80	9.47	34.70
AV	11.49304G	42.13	54.00	-11.87	28.56	3	Horizontal	103	1.72	-	38.80	9.47	34.70
PK	17.23902G	63.60	68.20	-4.60	44.96	3	Horizontal	54	1.00	-	41.28	12.45	35.09

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

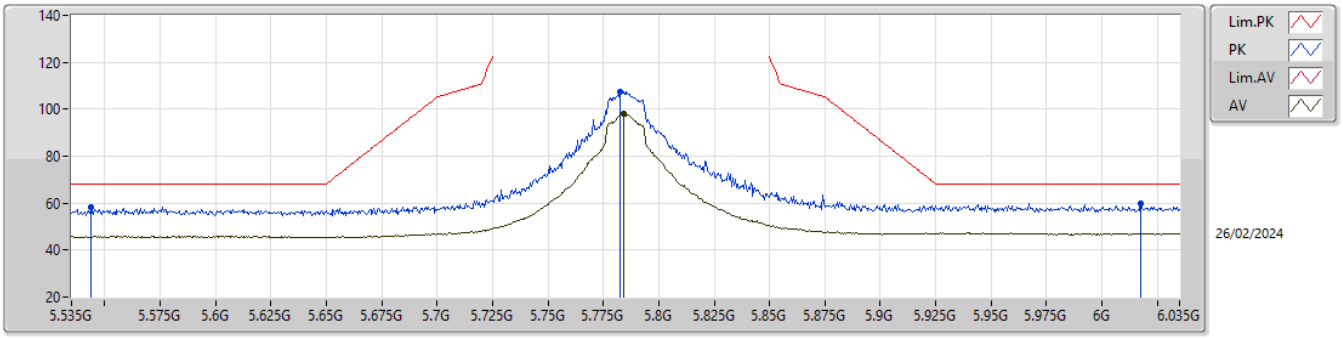


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.6265G	58.31	68.20	-9.89	51.82	3	Vertical	3	1.86	-	33.70	6.22	33.43
PK	5.7845G	112.38	Inf	-Inf	105.51	3	Vertical	3	1.86	-	34.14	6.20	33.47
AV	5.7845G	103.18	Inf	-Inf	96.31	3	Vertical	3	1.86	-	34.14	6.20	33.47
PK	5.942G	60.47	68.20	-7.73	52.70	3	Vertical	3	1.86	-	34.95	6.33	33.51

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

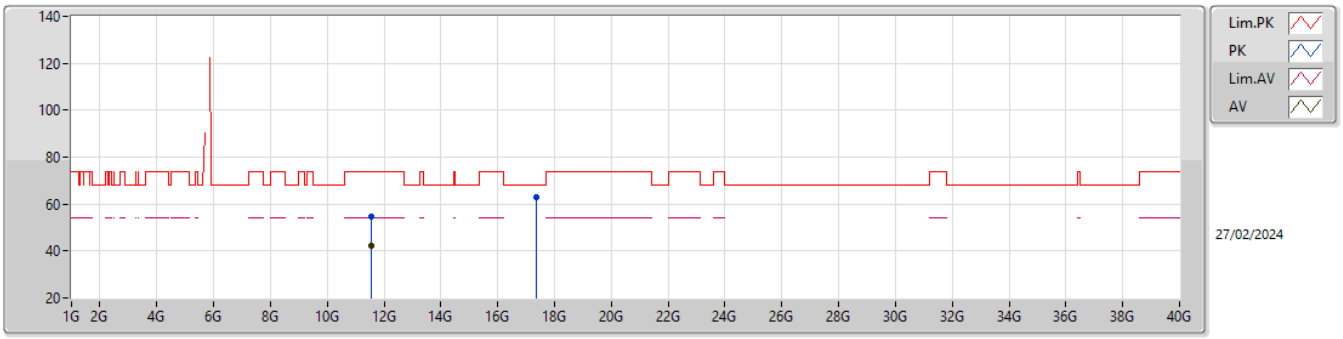


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.544G	58.19	68.20	-10.01	51.71	3	Horizontal	155	1.80	-	33.69	6.19	33.40
PK	5.7825G	107.47	Inf	-Inf	100.61	3	Horizontal	155	1.80	-	34.13	6.20	33.47
AV	5.784G	98.04	Inf	-Inf	91.17	3	Horizontal	155	1.80	-	34.14	6.20	33.47
PK	6.0175G	59.66	68.20	-8.54	51.79	3	Horizontal	155	1.80	-	35.00	6.40	33.53

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

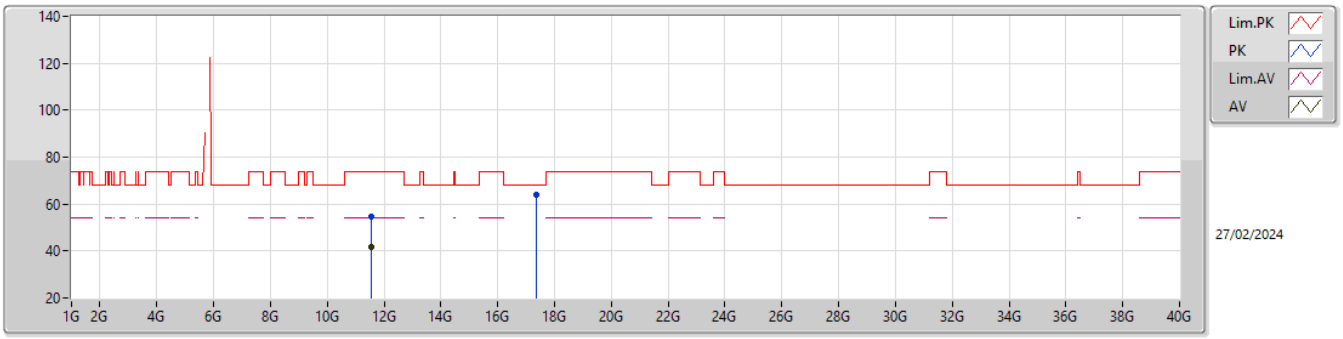


EUT Z_1TX
Setting 85
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56666G	54.86	74.00	-19.14	41.24	3	Vertical	0	1.18	-	38.80	9.51	34.69
AV	11.5717G	42.26	54.00	-11.74	28.64	3	Vertical	0	1.18	-	38.80	9.51	34.69
PK	17.35634G	62.95	68.20	-5.25	43.79	3	Vertical	357	1.80	-	41.73	12.54	35.11

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

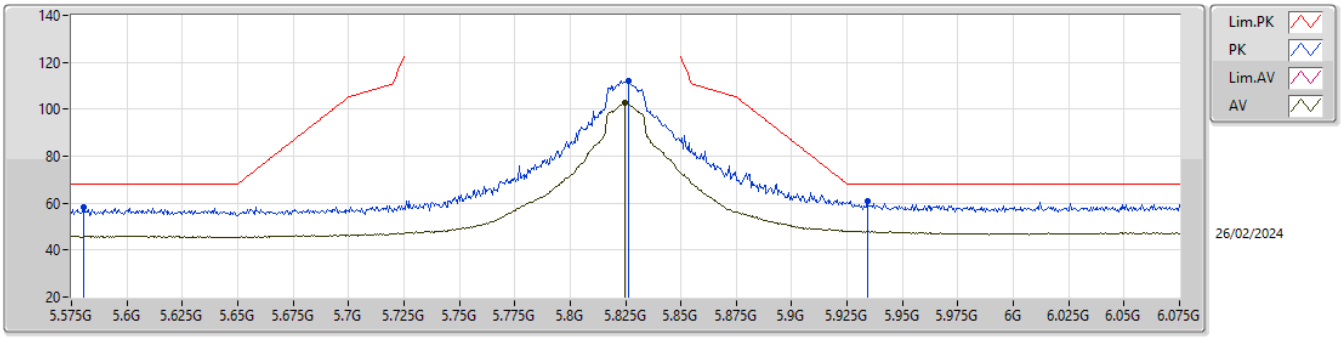


EUT Z_1TX
Setting 85
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5721G	54.78	74.00	-19.22	41.16	3	Horizontal	297	1.82	-	38.80	9.51	34.69
AV	11.56753G	41.56	54.00	-12.44	27.94	3	Horizontal	297	1.82	-	38.80	9.51	34.69
PK	17.35609G	63.82	68.20	-4.38	44.67	3	Horizontal	167	1.91	-	41.72	12.54	35.11

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

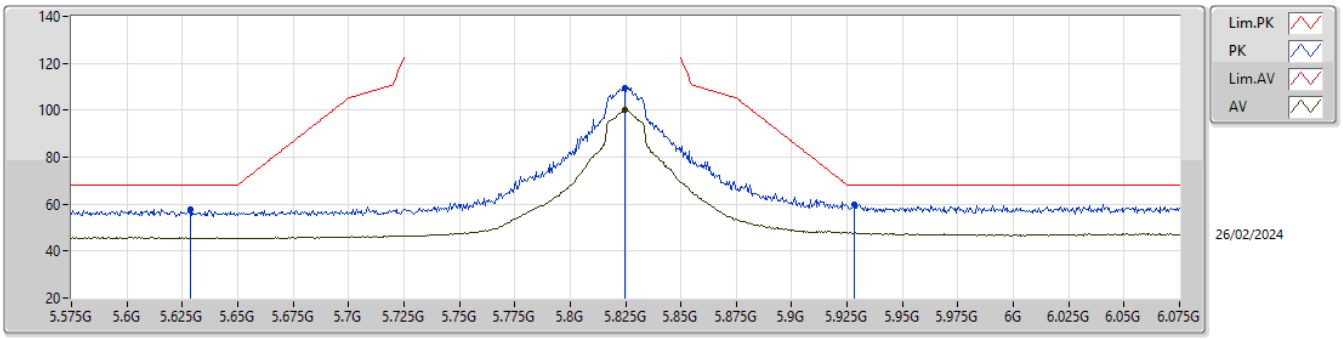


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.5805G	58.23	68.20	-9.97	51.73	3	Vertical	324	2.14	-	33.70	6.21	33.41
PK	5.8265G	112.12	Inf	-Inf	105.07	3	Vertical	324	2.14	-	34.31	6.22	33.48
AV	5.8245G	102.83	Inf	-Inf	95.79	3	Vertical	324	2.14	-	34.30	6.22	33.48
PK	5.934G	60.87	68.20	-7.33	53.16	3	Vertical	324	2.14	-	34.90	6.32	33.51

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

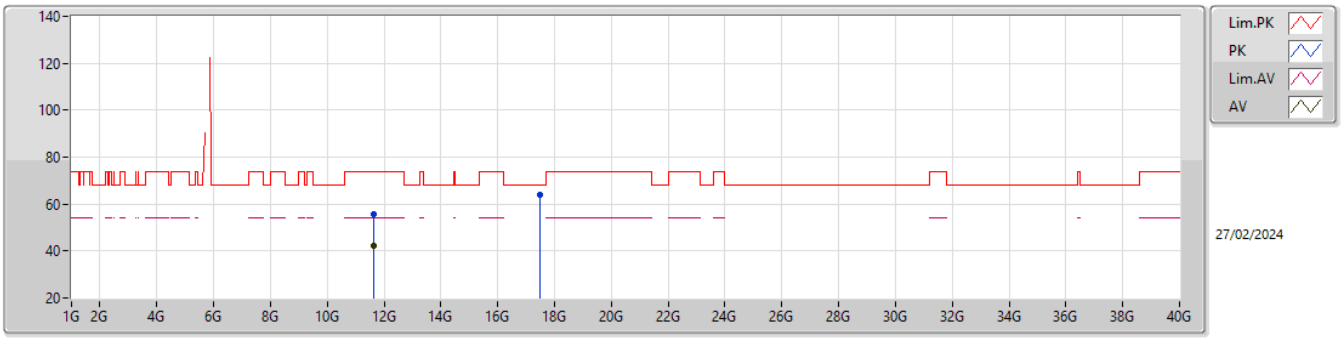


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.6285G	57.69	68.20	-10.51	51.20	3	Horizontal	148	2.03	-	33.70	6.22	33.43
PK	5.8245G	109.51	Inf	-Inf	102.47	3	Horizontal	148	2.03	-	34.30	6.22	33.48
AV	5.8245G	100.20	Inf	-Inf	93.16	3	Horizontal	148	2.03	-	34.30	6.22	33.48
PK	5.928G	60.00	68.20	-8.20	52.32	3	Horizontal	148	2.03	-	34.87	6.32	33.51

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

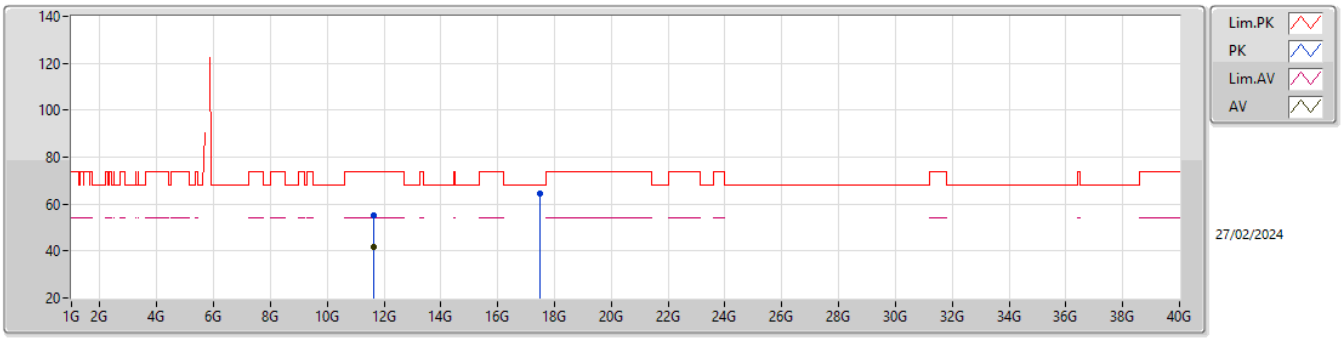


EUT Z_1TX
Setting 85
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6515G	55.82	74.00	-18.18	42.13	3	Vertical	5	1.80	-	38.80	9.55	34.66
AV	11.6514G	42.43	54.00	-11.57	28.74	3	Vertical	5	1.80	-	38.80	9.55	34.66
PK	17.47262G	64.18	68.20	-4.02	44.72	3	Vertical	204	1.80	-	41.95	12.64	35.13

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

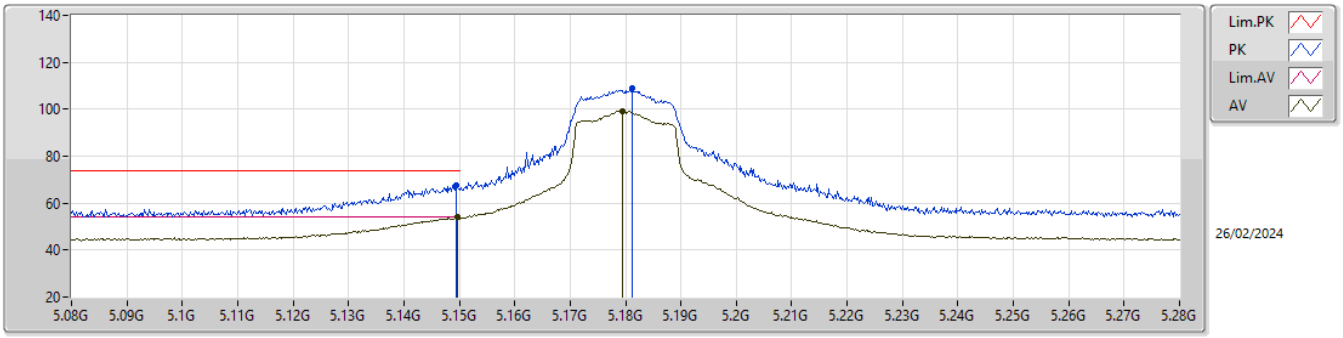


EUT Z_1TX
Setting 85
04-C-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.654G	55.09	74.00	-18.91	41.41	3	Horizontal	207	2.58	-	38.79	9.55	34.66
AV	11.64853G	41.75	54.00	-12.25	28.06	3	Horizontal	207	2.58	-	38.80	9.55	34.66
PK	17.4783G	64.56	68.20	-3.64	45.11	3	Horizontal	126	2.69	-	41.94	12.64	35.13

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5180MHz_TX

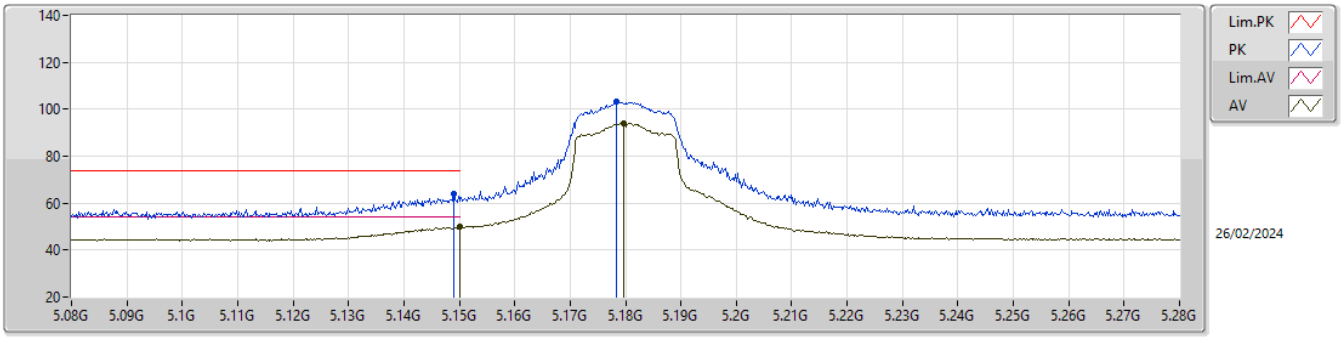


EUT X_1TX
Setting 68
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	67.78	74.00	-6.22	62.54	3	Vertical	30	2.17	-	32.60	5.90	33.26
AV	5.1496G	53.88	54.00	-0.12	48.64	3	Vertical	30	2.17	-	32.60	5.90	33.26
PK	5.1812G	109.04	Inf	-Inf	103.75	3	Vertical	30	2.17	-	32.66	5.91	33.28
AV	5.1794G	99.28	Inf	-Inf	93.98	3	Vertical	30	2.17	-	32.66	5.91	33.27

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5180MHz_TX

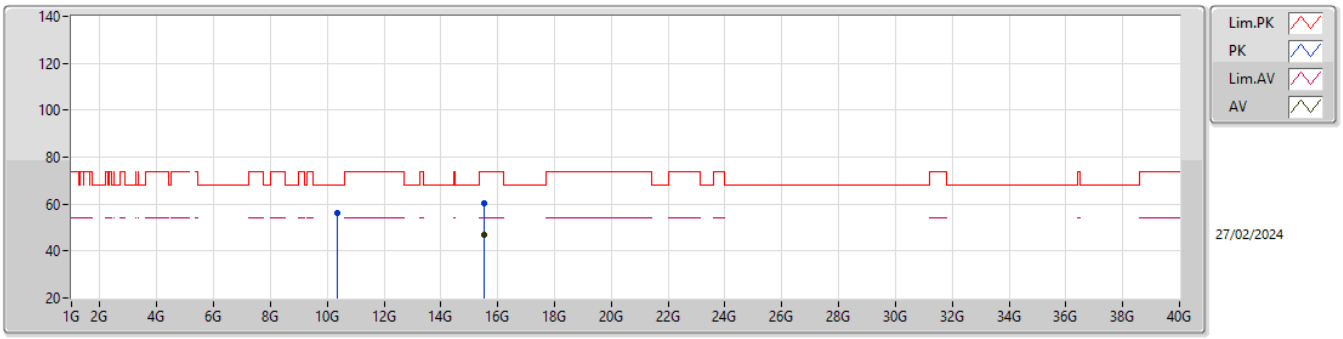


EUT X_1TX
Setting 68
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	64.08	74.00	-9.92	58.84	3	Horizontal	152	1.87	-	32.60	5.90	33.26
AV	5.15G	50.03	54.00	-3.97	44.79	3	Horizontal	152	1.87	-	32.60	5.90	33.26
PK	5.1784G	103.31	Inf	-Inf	98.01	3	Horizontal	152	1.87	-	32.66	5.91	33.27
AV	5.1796G	94.17	Inf	-Inf	88.87	3	Horizontal	152	1.87	-	32.66	5.91	33.27

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5180MHz_TX

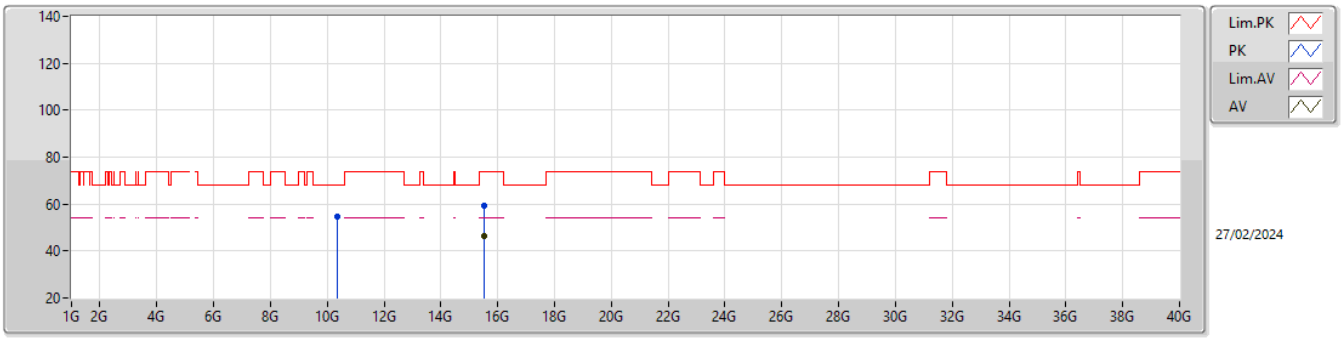


EUT Z_1TX
Setting 68
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35926G	56.45	68.20	-11.75	42.70	3	Vertical	65	2.90	-	38.60	8.89	33.74
PK	15.54053G	60.14	74.00	-13.86	45.68	3	Vertical	227	1.80	-	38.30	11.23	35.07
AV	15.54149G	46.74	54.00	-7.26	32.28	3	Vertical	227	1.80	-	38.30	11.23	35.07

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5180MHz_TX

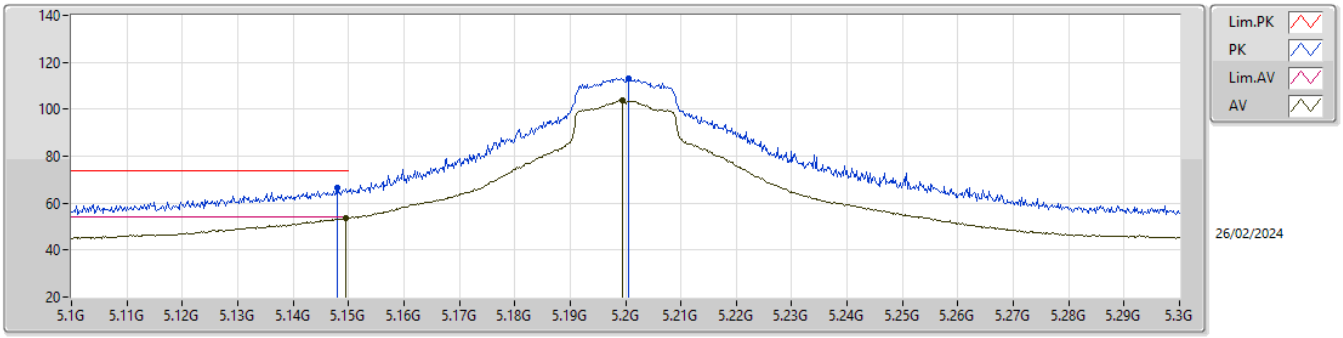


EUT Z_1TX
Setting 68
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36019G	54.88	68.20	-13.32	41.13	3	Horizontal	278	2.72	-	38.60	8.89	33.74
PK	15.539G	59.43	74.00	-14.57	44.97	3	Horizontal	246	2.64	-	38.30	11.23	35.07
AV	15.53885G	46.27	54.00	-7.73	31.81	3	Horizontal	246	2.64	-	38.30	11.23	35.07

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX

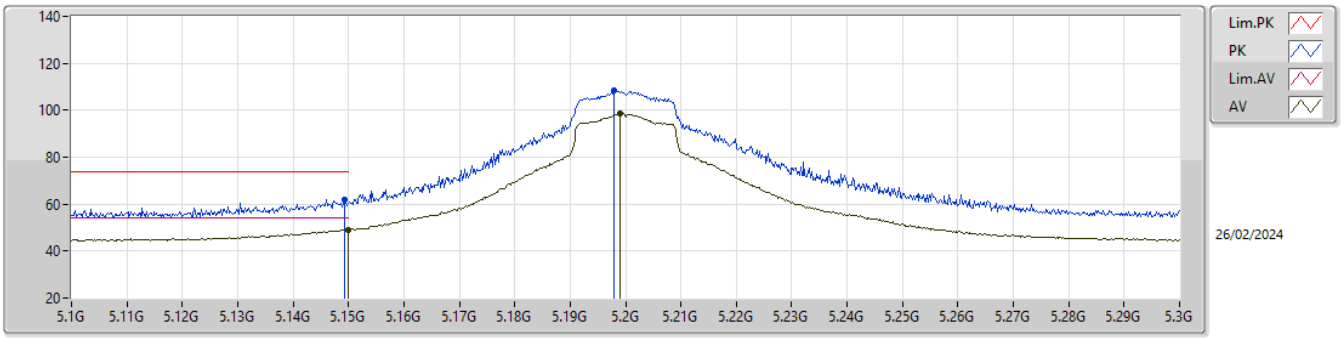


EUT X_1TX
Setting 82
04-C-G-5-10

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	5.148G	66.31	74.00	-7.69	61.07	3	Vertical	28	1.97	-	32.60	5.90	33.26
AV	5.1494G	53.58	54.00	-0.42	48.34	3	Vertical	28	1.97	-	32.60	5.90	33.26
PK	5.2006G	113.15	Inf	-Inf	107.81	3	Vertical	28	1.97	-	32.70	5.92	33.28
AV	5.1994G	103.81	Inf	-Inf	98.47	3	Vertical	28	1.97	-	32.70	5.92	33.28

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX

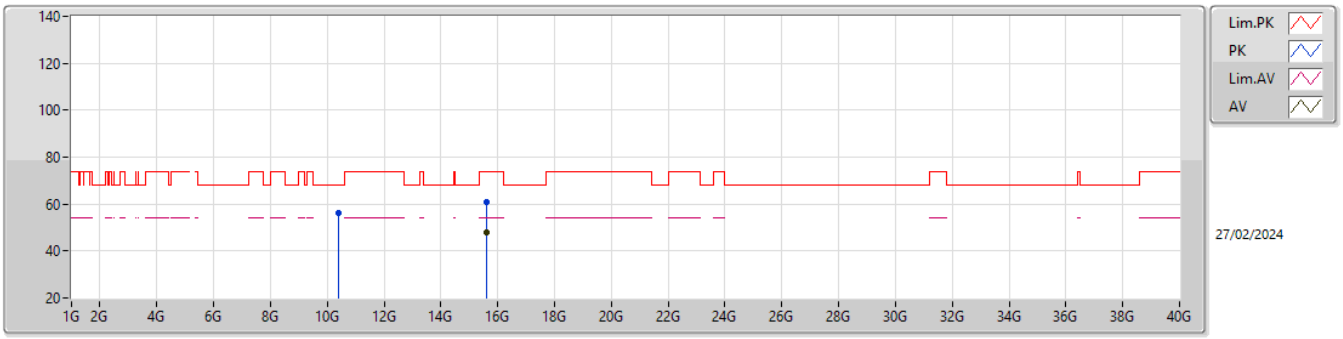


EUT X_1TX
Setting 82
04-C-G-5-10

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	61.86	74.00	-12.14	56.62	3	Horizontal	146	2.08	-	32.60	5.90	33.26
AV	5.15G	49.21	54.00	-4.79	43.97	3	Horizontal	146	2.08	-	32.60	5.90	33.26
PK	5.198G	108.64	Inf	-Inf	103.30	3	Horizontal	146	2.08	-	32.70	5.92	33.28
AV	5.199G	98.64	Inf	-Inf	93.30	3	Horizontal	146	2.08	-	32.70	5.92	33.28

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX

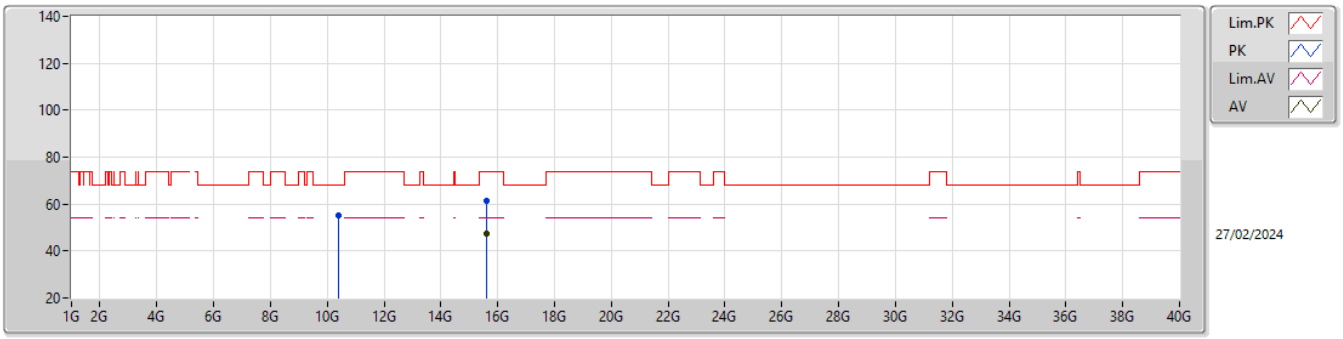


EUT Z_1TX
Setting 82
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40015G	56.07	68.20	-12.13	42.33	3	Vertical	325	3.00	-	38.60	8.91	33.77
PK	15.60075G	61.07	74.00	-12.93	46.48	3	Vertical	223	1.80	-	38.39	11.26	35.06
AV	15.60077G	47.92	54.00	-6.08	33.33	3	Vertical	223	1.80	-	38.39	11.26	35.06

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX

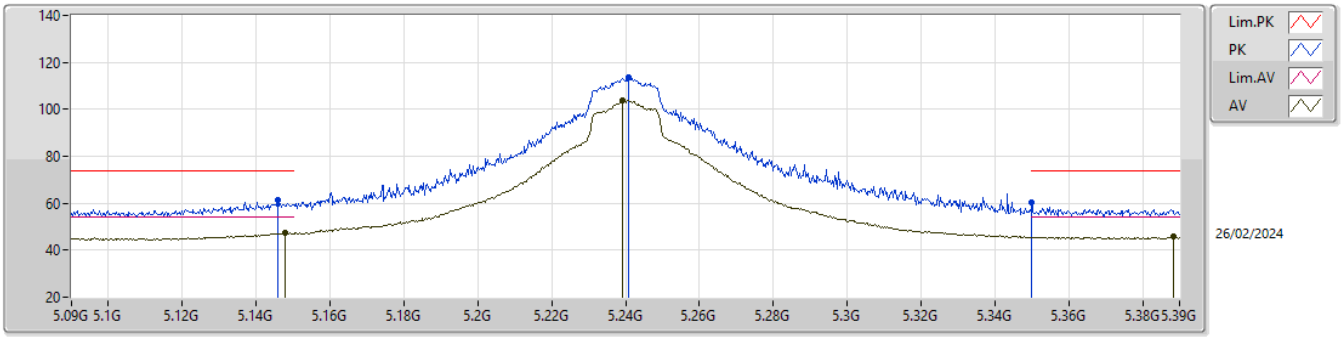


EUT Z_1TX
Setting 82
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3997G	55.26	68.20	-12.94	41.52	3	Horizontal	111	1.20	-	38.60	8.91	33.77
PK	15.60074G	61.22	74.00	-12.78	46.63	3	Horizontal	157	1.82	-	38.39	11.26	35.06
AV	15.60147G	47.66	54.00	-6.34	33.07	3	Horizontal	157	1.82	-	38.39	11.26	35.06

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX

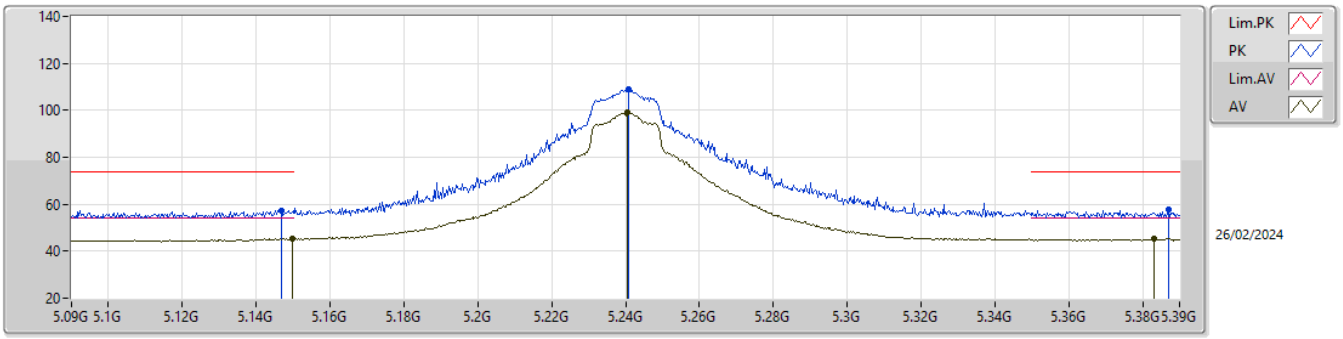


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.1458G	61.49	74.00	-12.51	56.26	3	Vertical	28	2.86	-	32.59	5.90	33.26
AV	5.1479G	47.30	54.00	-6.70	42.06	3	Vertical	28	2.86	-	32.60	5.90	33.26
PK	5.2409G	113.40	Inf	-Inf	108.04	3	Vertical	28	2.86	-	32.70	5.96	33.30
AV	5.2391G	103.73	Inf	-Inf	98.37	3	Vertical	28	2.86	-	32.70	5.96	33.30
PK	5.35G	60.39	74.00	-13.61	54.76	3	Vertical	28	2.86	-	32.90	6.07	33.34
AV	5.3882G	45.62	54.00	-8.38	39.81	3	Vertical	28	2.86	-	33.05	6.11	33.35

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX

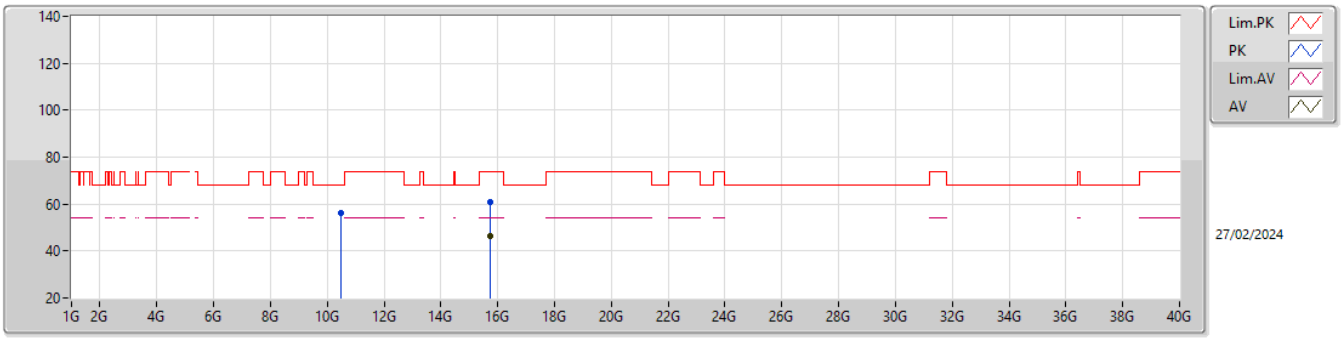


EUT X_1TX
Setting 85
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	57.40	74.00	-16.60	52.17	3	Horizontal	160	1.80	-	32.59	5.90	33.26
AV	5.1497G	45.36	54.00	-8.64	40.12	3	Horizontal	160	1.80	-	32.60	5.90	33.26
PK	5.2409G	109.11	Inf	-Inf	103.75	3	Horizontal	160	1.80	-	32.70	5.96	33.30
AV	5.2406G	99.28	Inf	-Inf	93.92	3	Horizontal	160	1.80	-	32.70	5.96	33.30
PK	5.387G	57.60	74.00	-16.40	51.79	3	Horizontal	160	1.80	-	33.05	6.11	33.35
AV	5.3831G	45.30	54.00	-8.70	39.52	3	Horizontal	160	1.80	-	33.03	6.10	33.35

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX

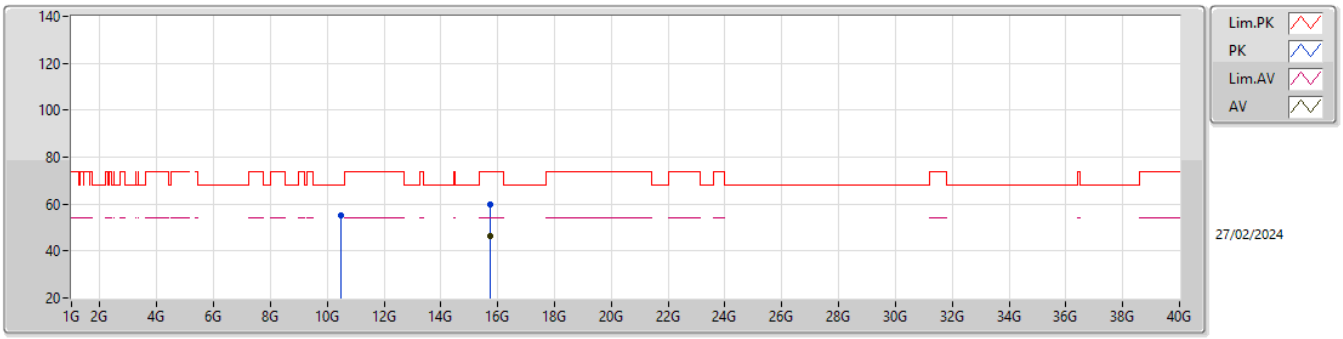


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4811G	56.05	68.20	-12.15	42.26	3	Vertical	29	1.96	-	38.66	8.96	33.83
PK	15.71928G	60.82	74.00	-13.18	46.62	3	Vertical	89	1.42	-	37.92	11.32	35.04
AV	15.72029G	46.61	54.00	-7.39	32.41	3	Vertical	89	1.42	-	37.92	11.32	35.04

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX

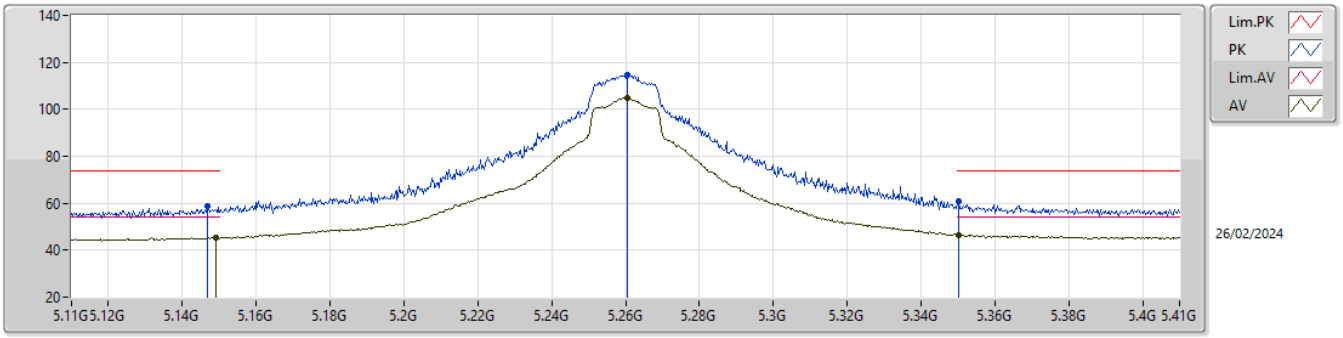


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48144G	54.97	68.20	-13.23	41.18	3	Horizontal	271	2.69	-	38.66	8.96	33.83
PK	15.72048G	59.58	74.00	-14.42	45.38	3	Horizontal	316	2.35	-	37.92	11.32	35.04
AV	15.72049G	46.58	54.00	-7.42	32.38	3	Horizontal	316	2.35	-	37.92	11.32	35.04

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5260MHz_TX

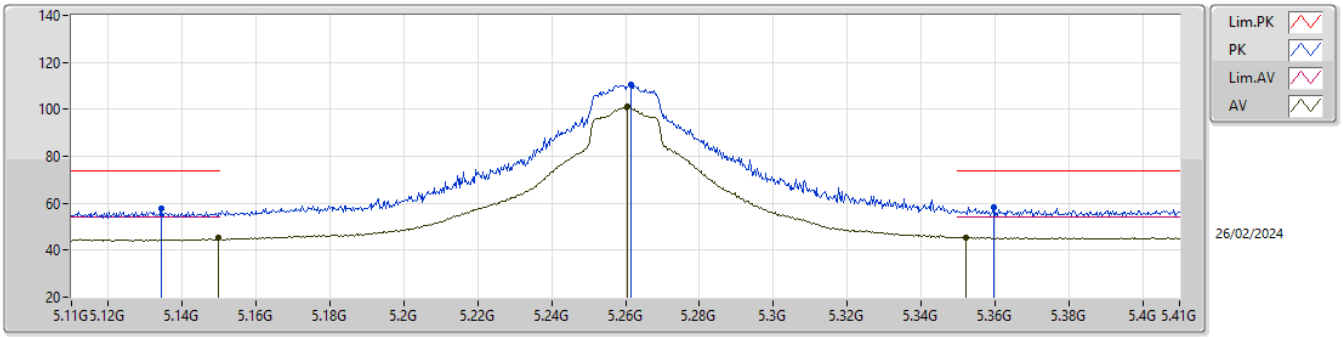


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.1469G	58.54	74.00	-15.46	53.31	3	Vertical	28	2.90	-	32.59	5.90	33.26
AV	5.149G	45.34	54.00	-8.66	40.10	3	Vertical	28	2.90	-	32.60	5.90	33.26
PK	5.2606G	114.54	Inf	-Inf	109.14	3	Vertical	28	2.90	-	32.72	5.98	33.30
AV	5.2606G	105.08	Inf	-Inf	99.68	3	Vertical	28	2.90	-	32.72	5.98	33.30
PK	5.3503G	60.64	74.00	-13.36	55.01	3	Vertical	28	2.90	-	32.90	6.07	33.34
AV	5.3503G	46.39	54.00	-7.61	40.76	3	Vertical	28	2.90	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5260MHz_TX

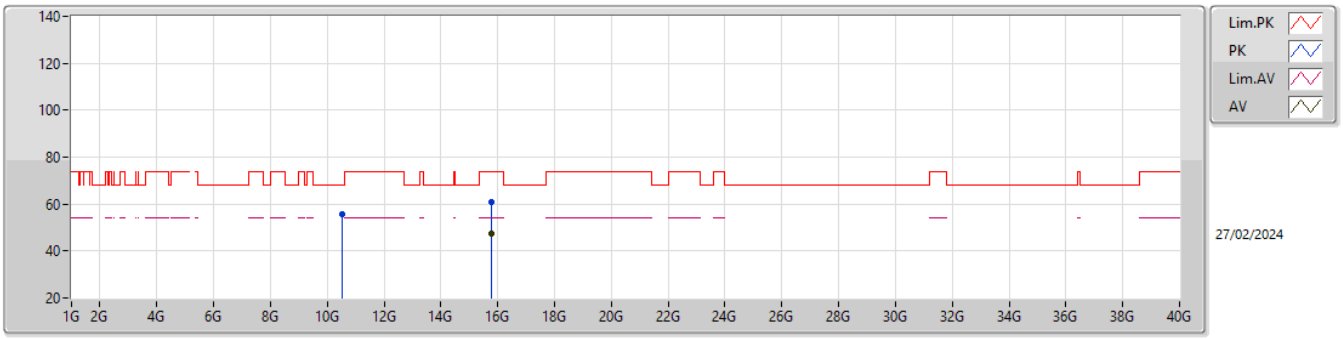


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.1343G	57.61	74.00	-16.39	52.41	3	Horizontal	148	2.27	-	32.57	5.89	33.26
AV	5.1499G	45.11	54.00	-8.89	39.87	3	Horizontal	148	2.27	-	32.60	5.90	33.26
PK	5.2615G	110.53	Inf	-Inf	105.13	3	Horizontal	148	2.27	-	32.72	5.98	33.30
AV	5.2606G	101.21	Inf	-Inf	95.81	3	Horizontal	148	2.27	-	32.72	5.98	33.30
PK	5.3596G	58.30	74.00	-15.70	52.62	3	Horizontal	148	2.27	-	32.94	6.08	33.34
AV	5.3521G	45.46	54.00	-8.54	39.82	3	Horizontal	148	2.27	-	32.91	6.07	33.34

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5260MHz_TX

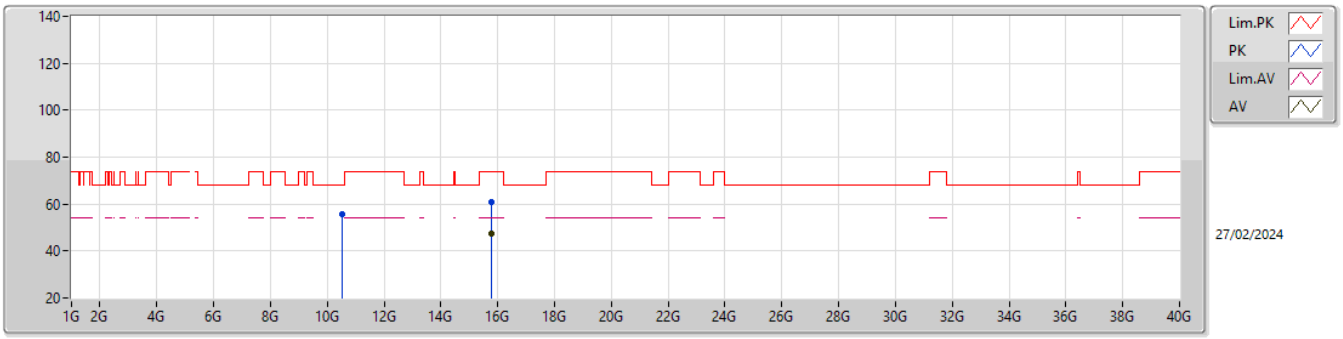


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51928G	55.69	68.20	-12.51	41.84	3	Vertical	81	2.50	-	38.74	8.97	33.86
PK	15.77913G	60.64	74.00	-13.36	46.17	3	Vertical	237	1.92	-	38.16	11.35	35.04
AV	15.78116G	47.56	54.00	-6.44	33.09	3	Vertical	237	1.92	-	38.16	11.35	35.04

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5260MHz_TX

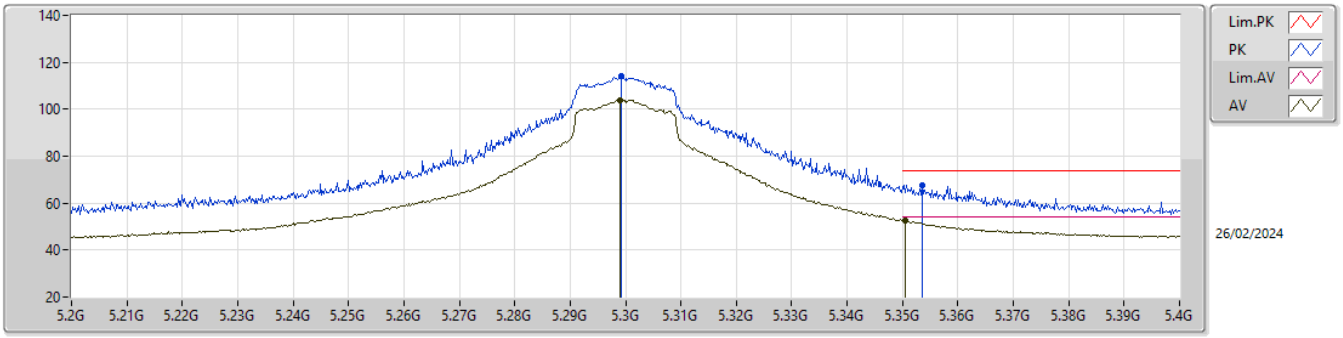


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.52021G	55.64	68.20	-12.56	41.78	3	Horizontal	230	1.67	-	38.74	8.98	33.86
PK	15.78085G	60.89	74.00	-13.11	46.42	3	Horizontal	205	2.21	-	38.16	11.35	35.04
AV	15.78044G	47.28	54.00	-6.72	32.81	3	Horizontal	205	2.21	-	38.16	11.35	35.04

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5300MHz_TX

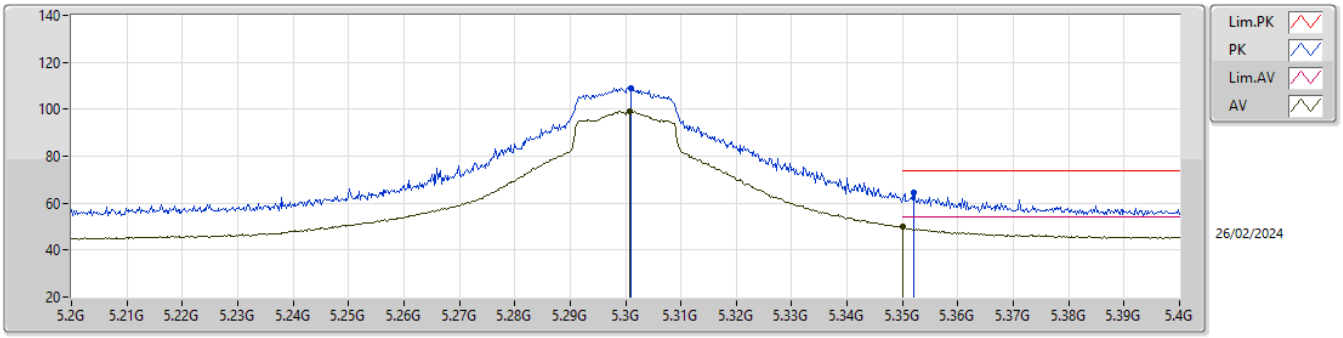


EUT X_1TX
Setting 81
04-C-G-5-10

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	5.2992G	113.88	Inf	-Inf	108.38	3	Vertical	30	3.00	-	32.80	6.02	33.32
AV	5.299G	104.00	Inf	-Inf	98.50	3	Vertical	30	3.00	-	32.80	6.02	33.32
PK	5.3536G	67.82	74.00	-6.18	62.18	3	Vertical	30	3.00	-	32.91	6.07	33.34
AV	5.3506G	52.54	54.00	-1.46	46.91	3	Vertical	30	3.00	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5300MHz_TX

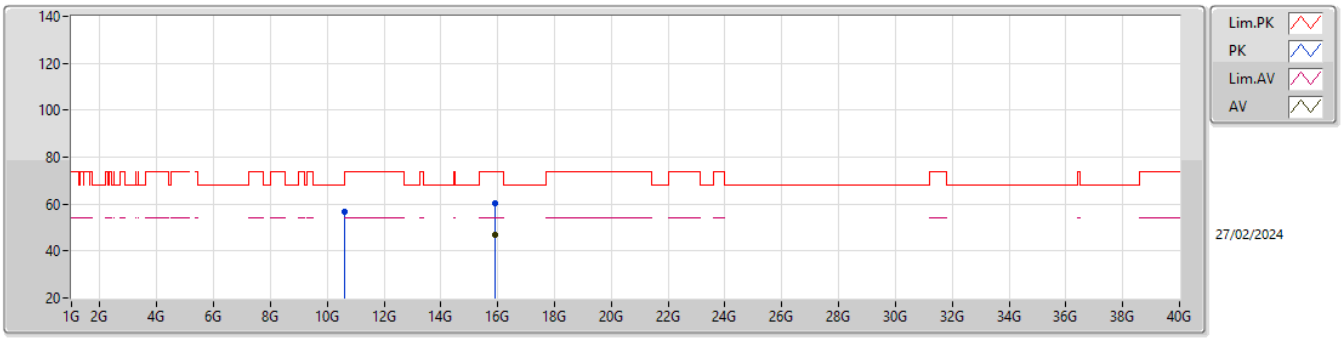


EUT X_1TX
Setting 81
04-C-G-5-10

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	5.301G	109.02	Inf	-Inf	103.52	3	Horizontal	152	2.02	-	32.80	6.02	33.32
AV	5.3008G	99.38	Inf	-Inf	93.88	3	Horizontal	152	2.02	-	32.80	6.02	33.32
PK	5.352G	64.47	74.00	-9.53	58.83	3	Horizontal	152	2.02	-	32.91	6.07	33.34
AV	5.35G	49.80	54.00	-4.20	44.17	3	Horizontal	152	2.02	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5300MHz_TX

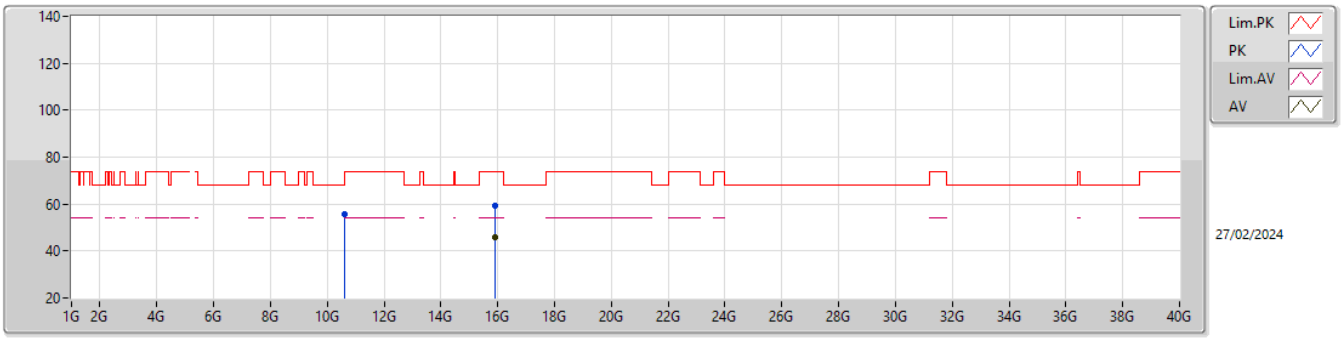


EUT Z_1TX
Setting 81
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59907G	56.80	68.20	-11.40	42.81	3	Vertical	292	3.00	-	38.90	9.02	33.93
PK	15.8996G	60.27	74.00	-13.73	45.69	3	Vertical	241	1.92	-	38.20	11.40	35.02
AV	15.90018G	46.92	54.00	-7.08	32.34	3	Vertical	241	1.92	-	38.20	11.40	35.02

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5300MHz_TX

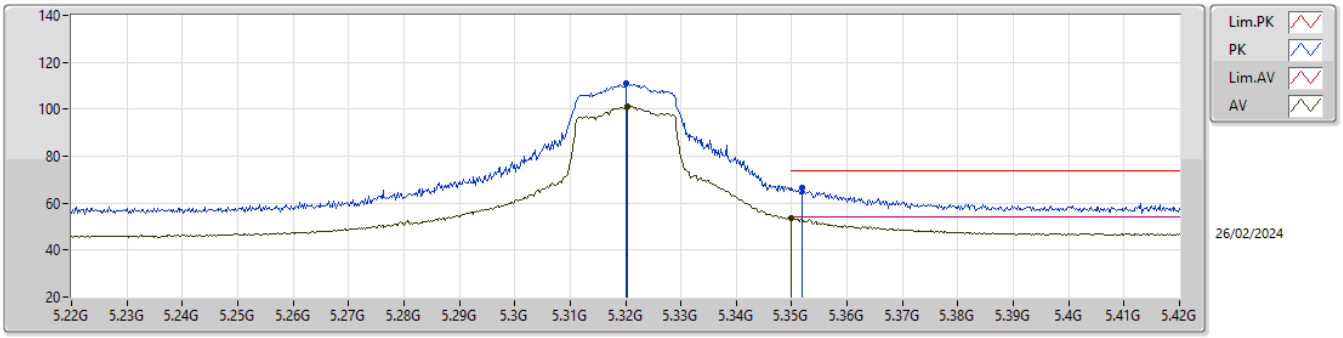


EUT Z_1TX
Setting 81
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5995G	55.92	68.20	-12.28	41.93	3	Horizontal	189	2.46	-	38.90	9.02	33.93
PK	15.90012G	59.07	74.00	-14.93	44.49	3	Horizontal	9	2.82	-	38.20	11.40	35.02
AV	15.90089G	45.66	54.00	-8.34	31.08	3	Horizontal	9	2.82	-	38.20	11.40	35.02

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5320MHz_TX

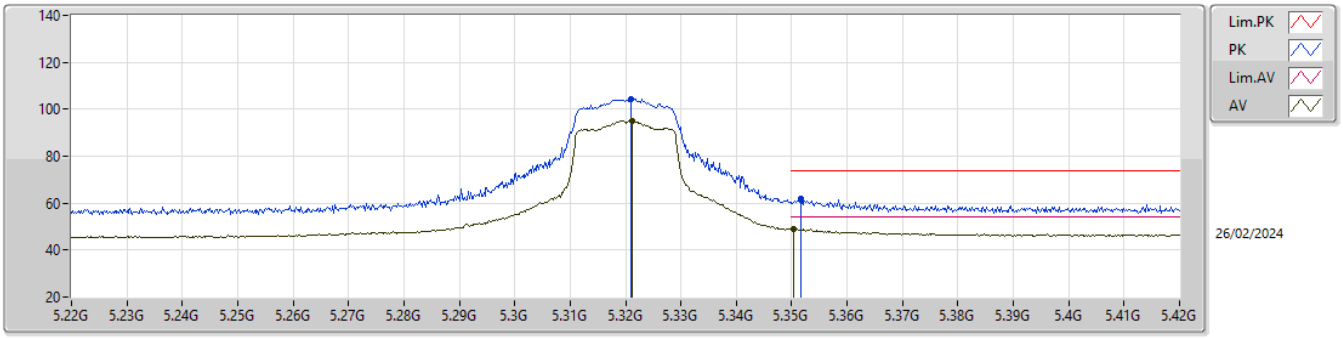


EUT X_1TX
Setting 67
04-C-G-5-10

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	5.3202G	110.83	Inf	-Inf	105.28	3	Vertical	142	3.00	-	32.84	6.04	33.33
AV	5.3204G	101.08	Inf	-Inf	95.53	3	Vertical	142	3.00	-	32.84	6.04	33.33
PK	5.3518G	66.59	74.00	-7.41	60.95	3	Vertical	142	3.00	-	32.91	6.07	33.34
AV	5.35G	53.59	54.00	-0.41	47.96	3	Vertical	142	3.00	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5320MHz_TX

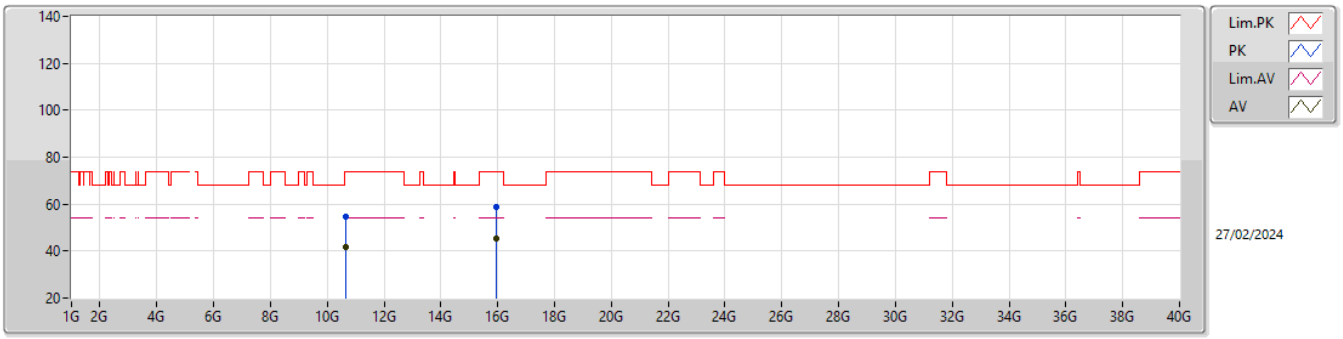


EUT X_1TX
Setting 67
04-C-G-5-10

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	5.321G	104.49	Inf	-Inf	98.94	3	Horizontal	34	2.15	-	32.84	6.04	33.33
AV	5.3212G	95.04	Inf	-Inf	89.49	3	Horizontal	34	2.15	-	32.84	6.04	33.33
PK	5.3516G	62.00	74.00	-12.00	56.36	3	Horizontal	34	2.15	-	32.91	6.07	33.34
AV	5.3504G	49.11	54.00	-4.89	43.48	3	Horizontal	34	2.15	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5320MHz_TX

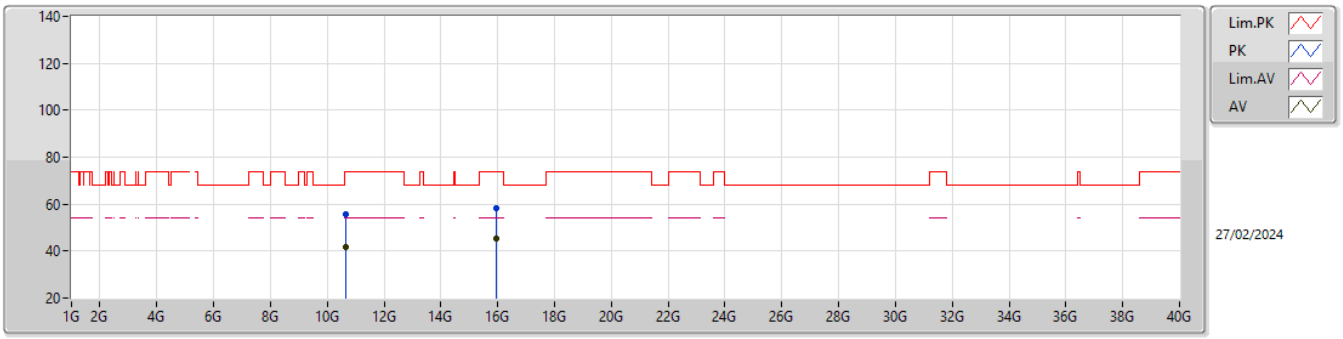


EUT Z_1TX
Setting 67
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64048G	54.68	74.00	-19.32	40.70	3	Vertical	216	1.61	-	38.90	9.04	33.96
AV	10.63948G	41.93	54.00	-12.07	27.95	3	Vertical	216	1.61	-	38.90	9.04	33.96
PK	15.9611G	58.92	74.00	-15.08	44.10	3	Vertical	102	2.70	-	38.40	11.43	35.01
AV	15.9607G	45.29	54.00	-8.71	30.47	3	Vertical	102	2.70	-	38.40	11.43	35.01

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5320MHz_TX

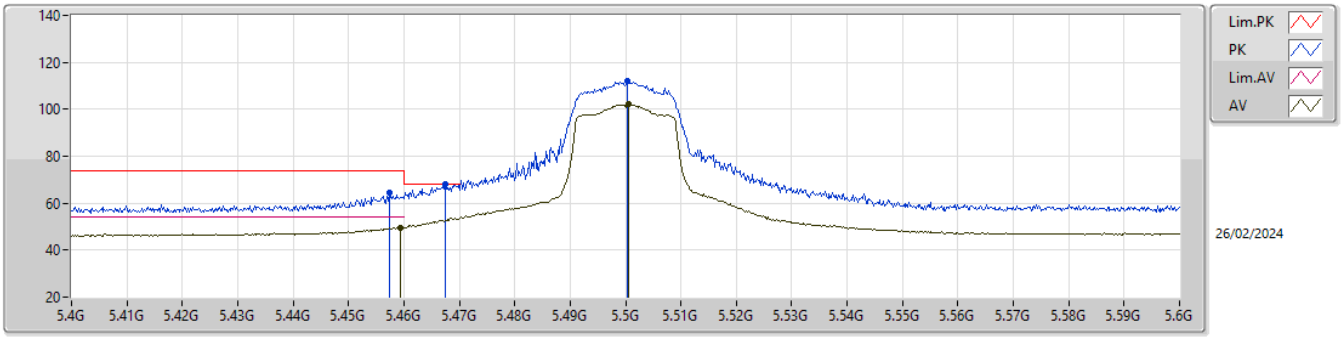


EUT Z_1TX
Setting 67
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63963G	55.58	74.00	-18.42	41.60	3	Horizontal	217	2.06	-	38.90	9.04	33.96
AV	10.64046G	41.96	54.00	-12.04	27.98	3	Horizontal	217	2.06	-	38.90	9.04	33.96
PK	15.96038G	58.41	74.00	-15.59	43.59	3	Horizontal	163	2.61	-	38.40	11.43	35.01
AV	15.95877G	45.23	54.00	-8.77	30.41	3	Horizontal	163	2.61	-	38.40	11.43	35.01

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5500MHz_TX

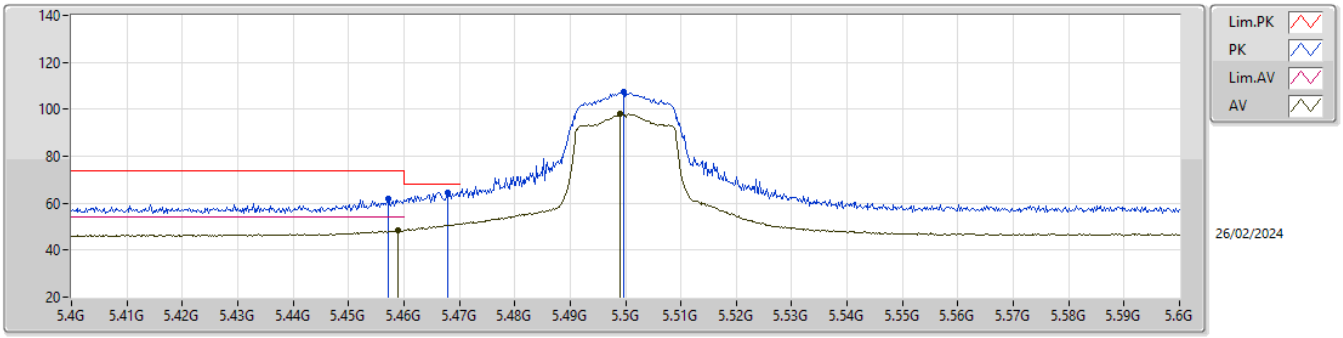


EUT X_1TX
Setting 63
04-C-G-5-10

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	5.4574G	64.63	74.00	-9.37	58.51	3	Vertical	178	1.93	-	33.34	6.15	33.37
AV	5.4594G	49.62	54.00	-4.38	43.49	3	Vertical	178	1.93	-	33.36	6.15	33.38
PK	5.4674G	68.14	68.20	-0.06	61.97	3	Vertical	178	1.93	-	33.40	6.15	33.38
PK	5.5004G	111.98	Inf	-Inf	105.60	3	Vertical	178	1.93	-	33.60	6.17	33.39
AV	5.5006G	102.21	Inf	-Inf	95.83	3	Vertical	178	1.93	-	33.60	6.17	33.39

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5500MHz_TX

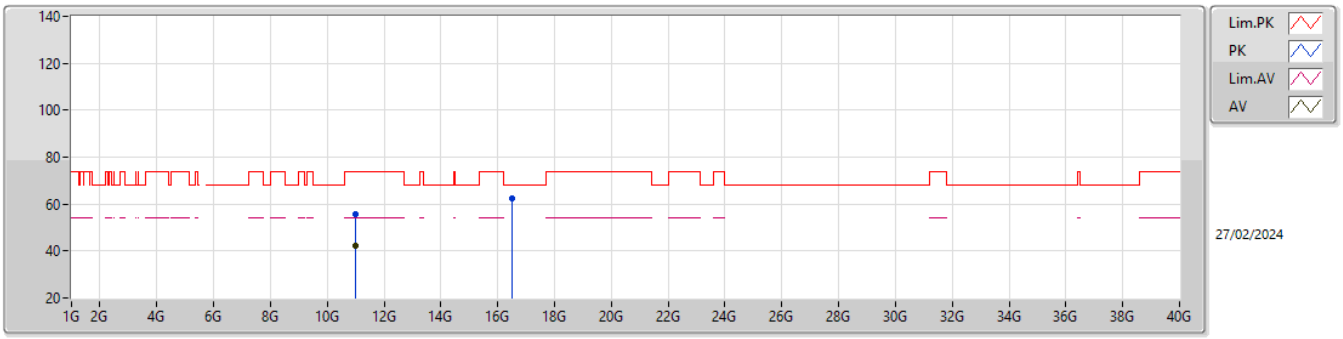


EUT X_1TX
Setting 63
04-C-G-5-10

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	5.4572G	61.95	74.00	-12.05	55.83	3	Horizontal	135	1.37	-	33.34	6.15	33.37
AV	5.459G	48.43	54.00	-5.57	42.31	3	Horizontal	135	1.37	-	33.35	6.15	33.38
PK	5.4678G	64.68	68.20	-3.52	58.50	3	Horizontal	135	1.37	-	33.41	6.15	33.38
PK	5.4996G	107.54	Inf	-Inf	101.16	3	Horizontal	135	1.37	-	33.60	6.17	33.39
AV	5.499G	97.90	Inf	-Inf	91.53	3	Horizontal	135	1.37	-	33.59	6.17	33.39

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5500MHz_TX

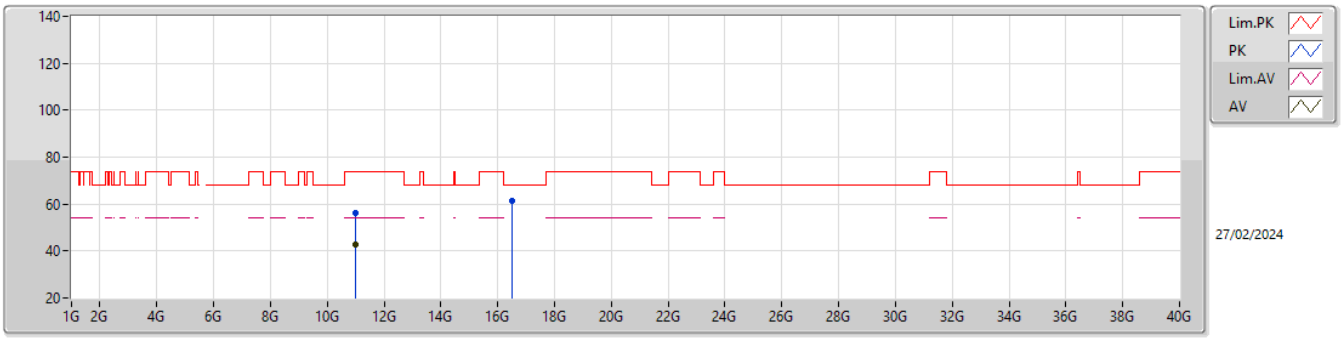


EUT Z_1TX
Setting 63
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00029G	55.64	74.00	-18.36	41.80	3	Vertical	16	2.21	-	38.90	9.22	34.28
AV	10.9986G	42.50	54.00	-11.50	28.66	3	Vertical	16	2.21	-	38.90	9.22	34.28
PK	16.50129G	62.16	68.20	-6.04	45.92	3	Vertical	65	1.58	-	39.30	11.85	34.91

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5500MHz_TX

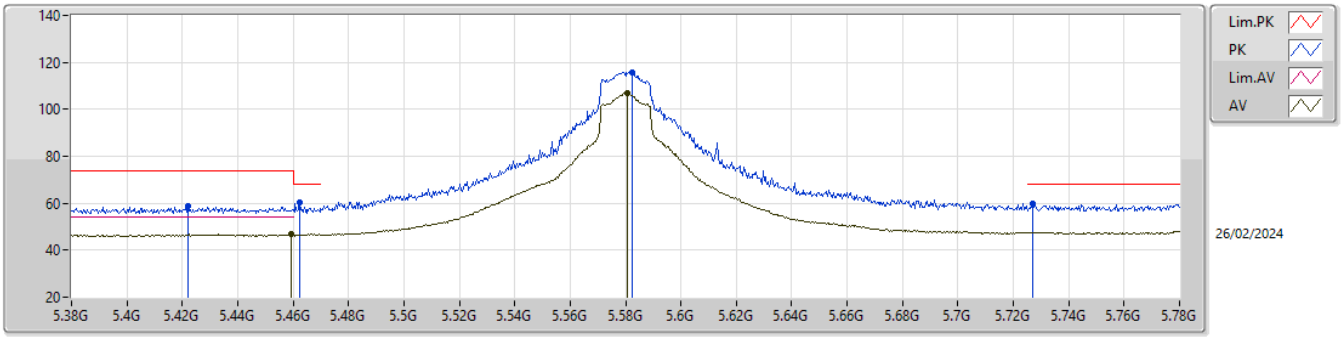


EUT Z_1TX
Setting 63
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0014G	56.29	74.00	-17.71	42.45	3	Horizontal	120	1.62	-	38.90	9.22	34.28
AV	11.00064G	42.55	54.00	-11.45	28.71	3	Horizontal	120	1.62	-	38.90	9.22	34.28
PK	16.49885G	61.54	68.20	-6.66	45.30	3	Horizontal	68	2.53	-	39.30	11.85	34.91

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5580MHz_TX

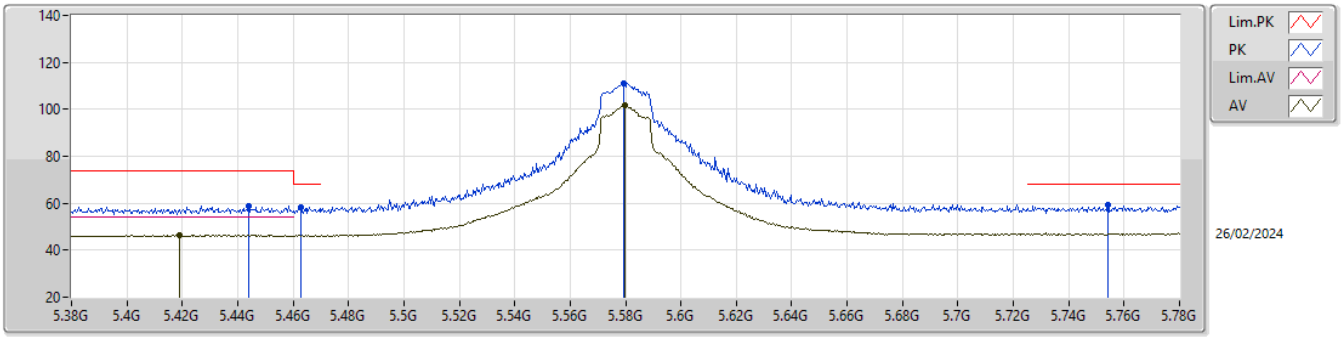


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.422G	58.77	74.00	-15.23	52.81	3	Vertical	173	1.97	-	33.19	6.13	33.36
PK	5.4624G	60.16	68.20	-8.04	54.02	3	Vertical	173	1.97	-	33.37	6.15	33.38
AV	5.4592G	46.75	54.00	-7.25	40.62	3	Vertical	173	1.97	-	33.36	6.15	33.38
PK	5.5824G	115.89	Inf	-Inf	109.39	3	Vertical	173	1.97	-	33.70	6.21	33.41
AV	5.5808G	106.86	Inf	-Inf	100.36	3	Vertical	173	1.97	-	33.70	6.21	33.41
PK	5.7272G	59.76	68.20	-8.44	53.09	3	Vertical	173	1.97	-	33.91	6.21	33.45

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5580MHz_TX

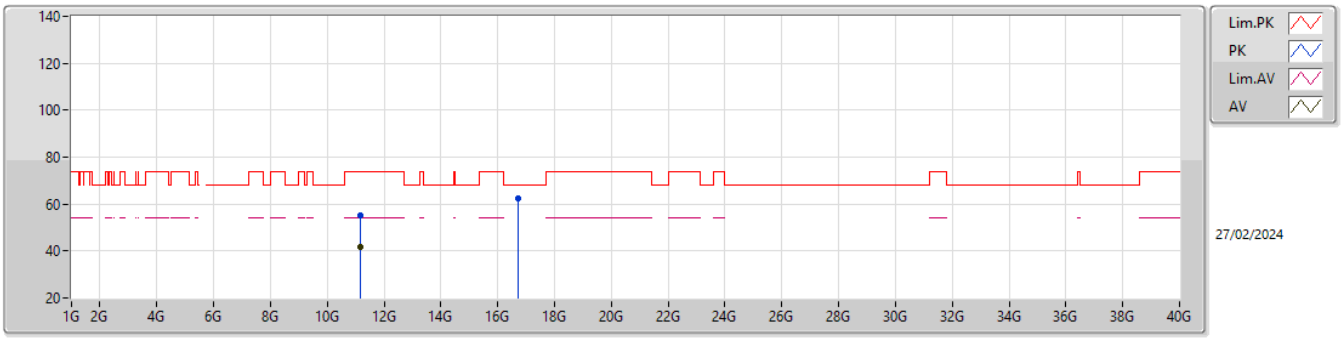


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.444G	58.92	74.00	-15.08	52.87	3	Horizontal	138	1.28	-	33.28	6.14	33.37
AV	5.4192G	46.42	54.00	-7.58	40.47	3	Horizontal	138	1.28	-	33.18	6.13	33.36
PK	5.4628G	58.28	68.20	-9.92	52.13	3	Horizontal	138	1.28	-	33.38	6.15	33.38
PK	5.5792G	111.22	Inf	-Inf	104.72	3	Horizontal	138	1.28	-	33.70	6.21	33.41
AV	5.5796G	101.77	Inf	-Inf	95.27	3	Horizontal	138	1.28	-	33.70	6.21	33.41
PK	5.754G	59.39	68.20	-8.81	52.63	3	Horizontal	138	1.28	-	34.02	6.20	33.46

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5580MHz_TX

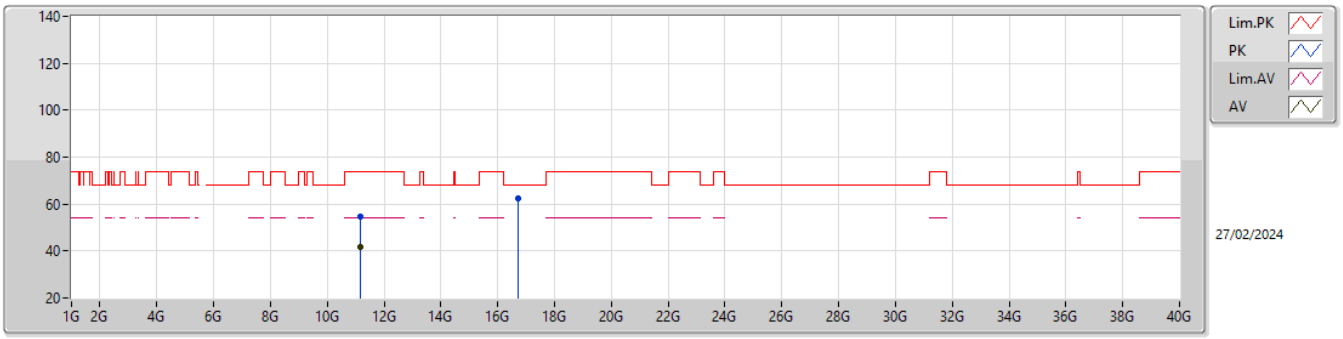


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16045G	55.28	74.00	-18.72	41.80	3	Vertical	97	1.25	-	38.60	9.30	34.42
AV	11.16037G	41.60	54.00	-12.40	28.12	3	Vertical	97	1.25	-	38.60	9.30	34.42
PK	16.74035G	62.38	68.20	-5.82	45.55	3	Vertical	118	2.70	-	39.76	12.05	34.98

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5580MHz_TX

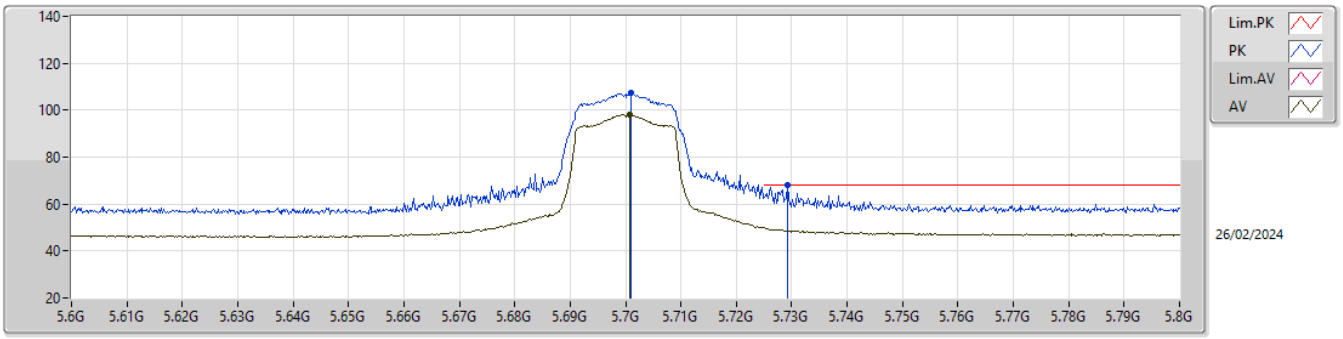


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15956G	54.83	74.00	-19.17	41.35	3	Horizontal	194	1.85	-	38.60	9.30	34.42
AV	11.15985G	41.59	54.00	-12.41	28.11	3	Horizontal	194	1.85	-	38.60	9.30	34.42
PK	16.73964G	62.27	68.20	-5.93	45.44	3	Horizontal	260	1.78	-	39.76	12.05	34.98

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX

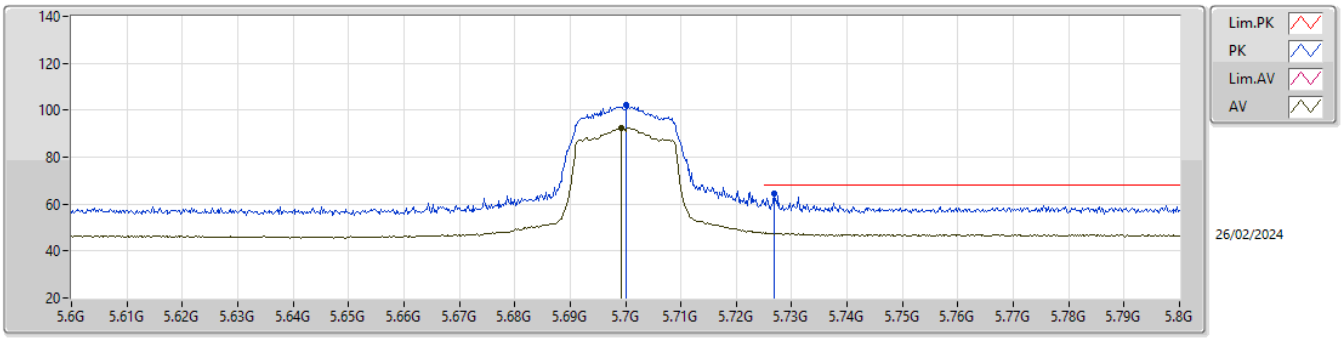


EUT X_1TX
Setting 53
04-C-G-5-10

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	5.701G	107.28	Inf	-Inf	100.72	3	Vertical	163	1.97	-	33.80	6.21	33.45
AV	5.7008G	98.27	Inf	-Inf	91.71	3	Vertical	163	1.97	-	33.80	6.21	33.45
PK	5.7292G	67.99	68.20	-0.21	61.31	3	Vertical	163	1.97	-	33.92	6.21	33.45

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX

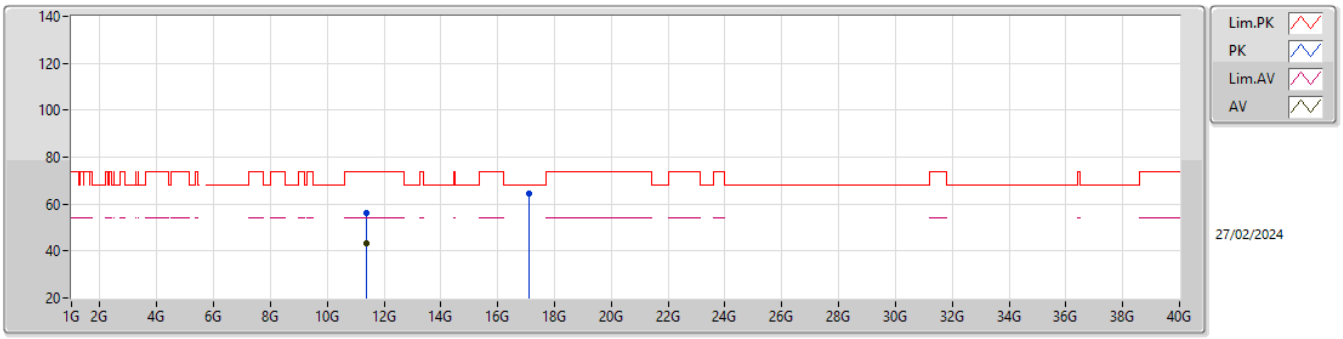


EUT X_1TX
Setting 53
04-C-G-5-10

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	5.7002G	102.06	Inf	-Inf	95.50	3	Horizontal	133	1.31	-	33.80	6.21	33.45
AV	5.6992G	92.63	Inf	-Inf	86.07	3	Horizontal	133	1.31	-	33.80	6.21	33.45
PK	5.7268G	64.39	68.20	-3.81	57.72	3	Horizontal	133	1.31	-	33.91	6.21	33.45

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX

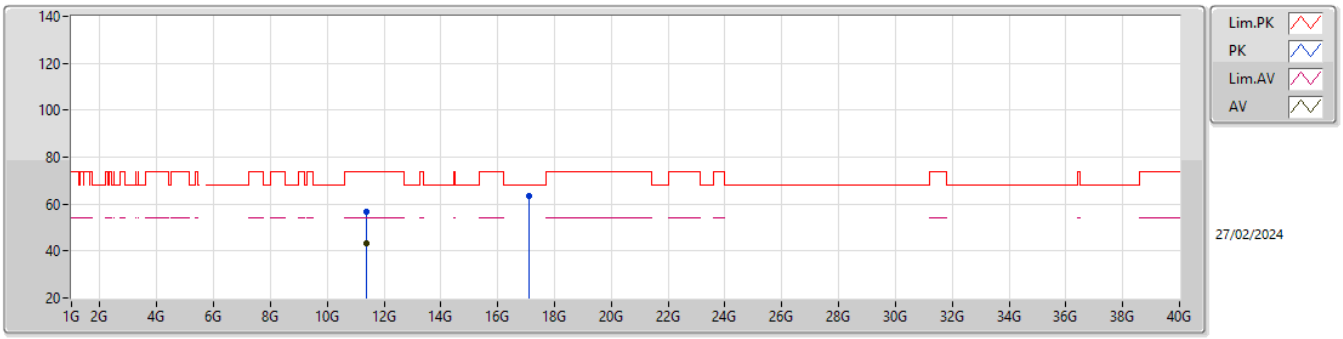


EUT Z_1TX
Setting 53
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40006G	56.11	74.00	-17.89	42.51	3	Vertical	22	2.70	-	38.80	9.42	34.62
AV	11.39957G	43.38	54.00	-10.62	29.78	3	Vertical	22	2.70	-	38.80	9.42	34.62
PK	17.09874G	64.49	68.20	-3.71	46.24	3	Vertical	64	2.40	-	40.99	12.33	35.07

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX

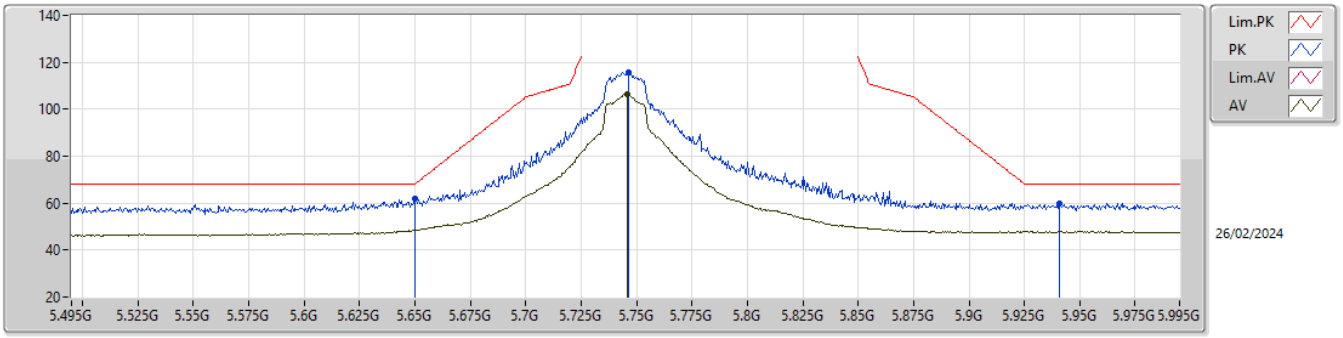


EUT Z_1TX
Setting 53
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39974G	56.78	74.00	-17.22	43.18	3	Horizontal	311	2.99	-	38.80	9.42	34.62
AV	11.40117G	43.28	54.00	-10.72	29.69	3	Horizontal	311	2.99	-	38.80	9.42	34.63
PK	17.10042G	63.64	68.20	-4.56	45.37	3	Horizontal	122	1.31	-	41.00	12.34	35.07

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX

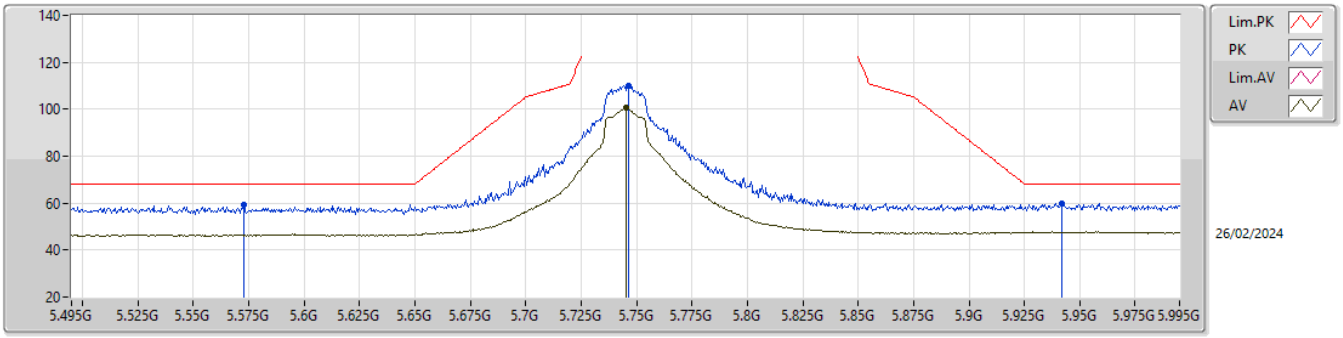


EUT X_1TX
Setting 85
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	62.15	68.20	-6.05	55.67	3	Vertical	172	1.99	-	33.70	6.21	33.43
PK	5.7465G	115.69	Inf	-Inf	108.95	3	Vertical	172	1.99	-	33.99	6.21	33.46
AV	5.746G	106.37	Inf	-Inf	99.64	3	Vertical	172	1.99	-	33.98	6.21	33.46
PK	5.941G	59.97	68.20	-8.23	52.20	3	Vertical	172	1.99	-	34.95	6.33	33.51

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX

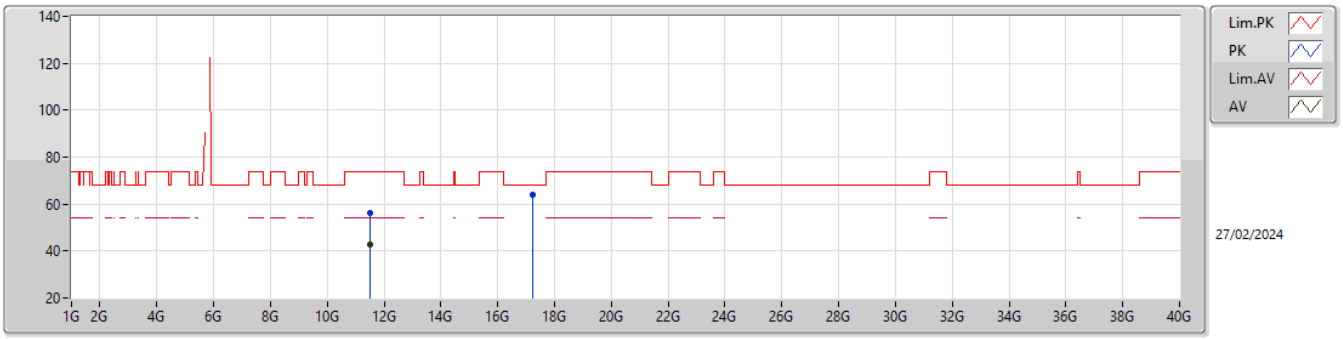


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.573G	59.42	68.20	-8.78	52.92	3	Horizontal	51	2.66	-	33.70	6.21	33.41
PK	5.7465G	109.94	Inf	-Inf	103.20	3	Horizontal	51	2.66	-	33.99	6.21	33.46
AV	5.7455G	100.71	Inf	-Inf	93.98	3	Horizontal	51	2.66	-	33.98	6.21	33.46
PK	5.942G	59.93	68.20	-8.27	52.16	3	Horizontal	51	2.66	-	34.95	6.33	33.51

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX

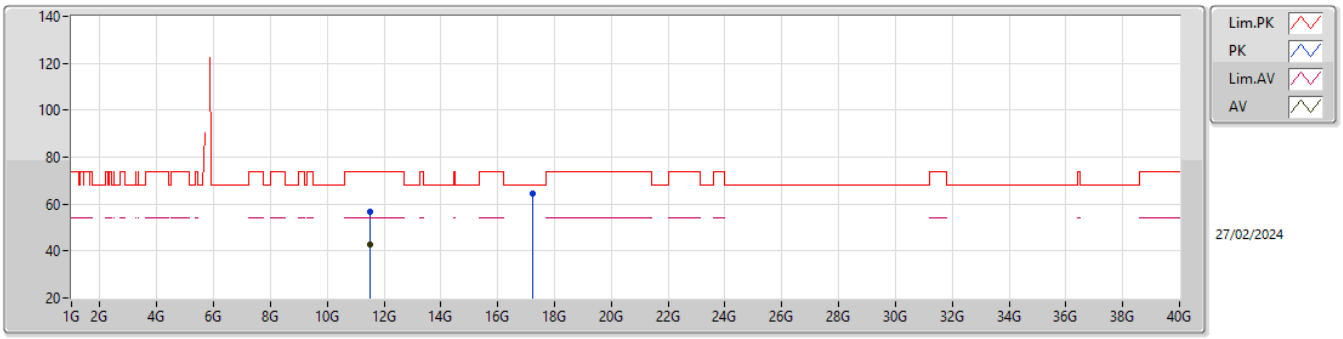


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49055G	56.13	74.00	-17.87	42.56	3	Vertical	65	2.28	-	38.80	9.47	34.70
AV	11.49138G	42.69	54.00	-11.31	29.12	3	Vertical	65	2.28	-	38.80	9.47	34.70
PK	17.23501G	64.03	68.20	-4.17	45.41	3	Vertical	340	2.61	-	41.27	12.44	35.09

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX

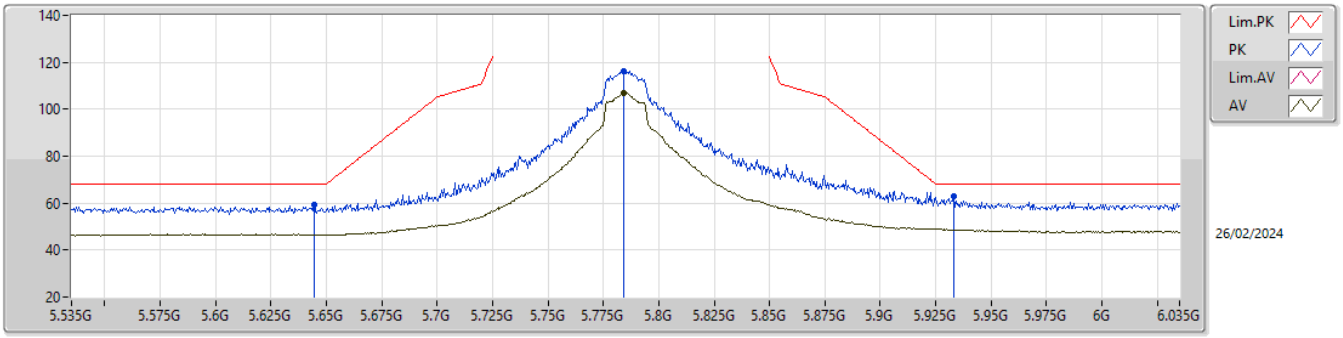


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48956G	56.92	74.00	-17.08	43.35	3	Horizontal	176	2.00	-	38.80	9.47	34.70
AV	11.48953G	42.73	54.00	-11.27	29.16	3	Horizontal	176	2.00	-	38.80	9.47	34.70
PK	17.23487G	64.53	68.20	-3.67	45.91	3	Horizontal	259	2.97	-	41.27	12.44	35.09

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5785MHz_TX

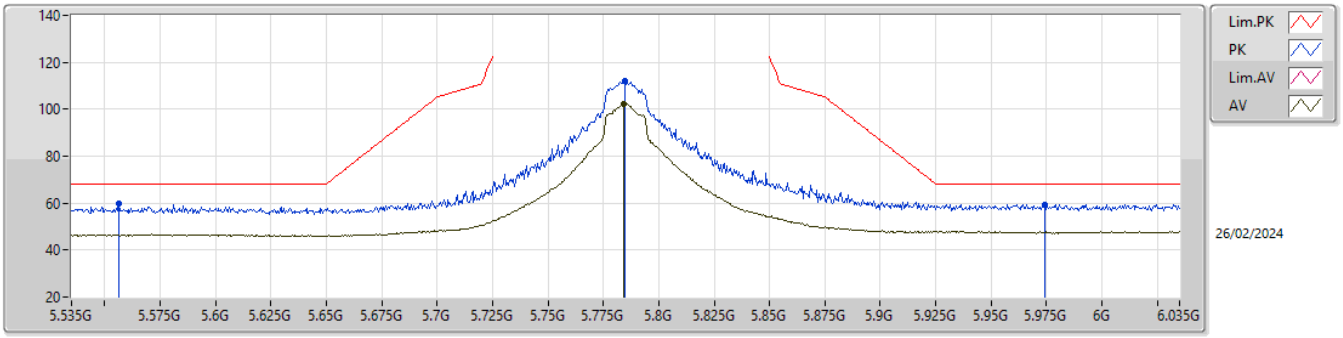


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.6445G	59.18	68.20	-9.02	52.69	3	Vertical	168	1.80	-	33.70	6.22	33.43
PK	5.784G	116.34	Inf	-Inf	109.47	3	Vertical	168	1.80	-	34.14	6.20	33.47
AV	5.784G	106.70	Inf	-Inf	99.83	3	Vertical	168	1.80	-	34.14	6.20	33.47
PK	5.933G	62.83	68.20	-5.37	55.12	3	Vertical	168	1.80	-	34.90	6.32	33.51

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5785MHz_TX

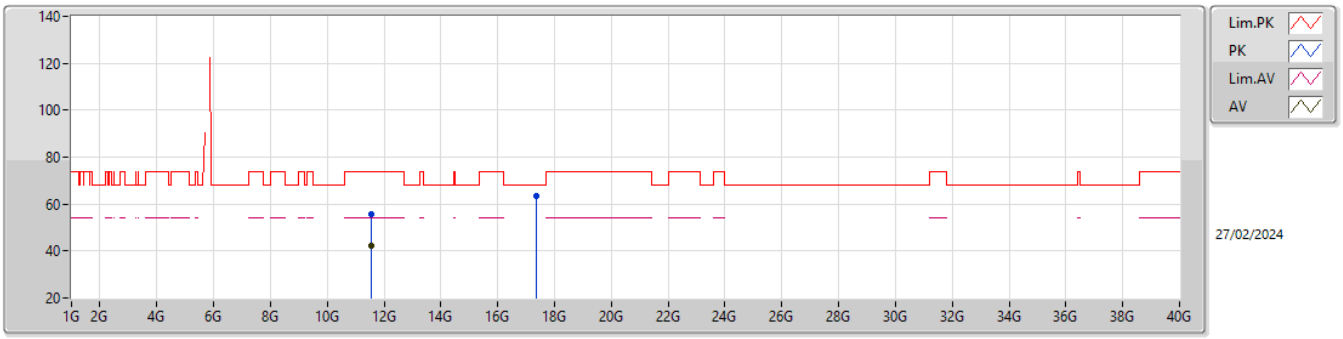


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.5565G	59.64	68.20	-8.56	53.15	3	Horizontal	139	1.38	-	33.70	6.20	33.41
PK	5.7845G	111.92	Inf	-Inf	105.05	3	Horizontal	139	1.38	-	34.14	6.20	33.47
AV	5.784G	102.31	Inf	-Inf	95.44	3	Horizontal	139	1.38	-	34.14	6.20	33.47
PK	5.974G	59.56	68.20	-8.64	51.72	3	Horizontal	139	1.38	-	35.00	6.36	33.52

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5785MHz_TX

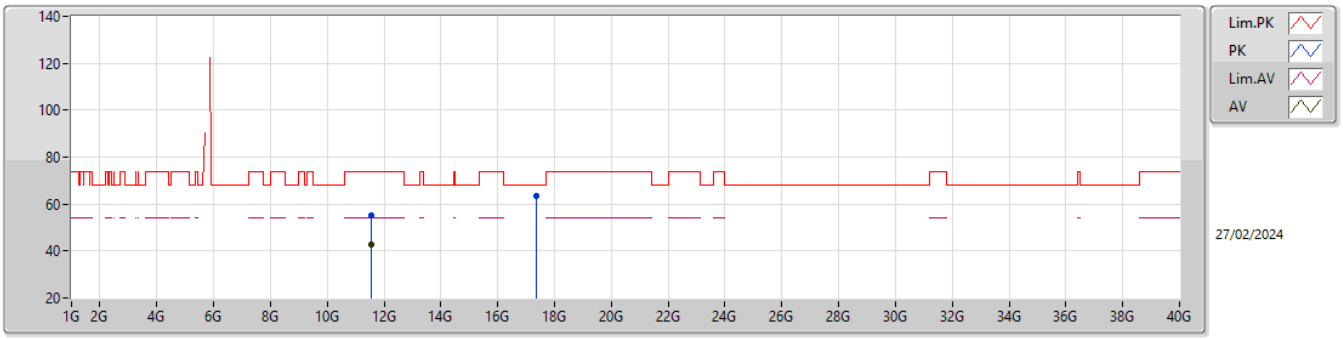


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56976G	55.60	74.00	-18.40	41.98	3	Vertical	328	2.58	-	38.80	9.51	34.69
AV	11.57092G	42.47	54.00	-11.53	28.85	3	Vertical	328	2.58	-	38.80	9.51	34.69
PK	17.35383G	63.44	68.20	-4.76	44.29	3	Vertical	95	2.25	-	41.72	12.54	35.11

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5785MHz_TX

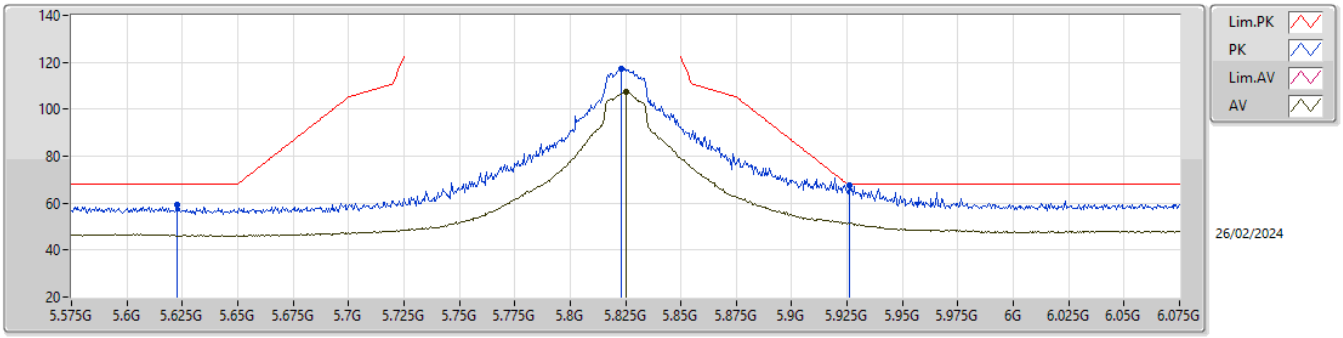


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57089G	55.21	74.00	-18.79	41.59	3	Horizontal	177	2.00	-	38.80	9.51	34.69
AV	11.56859G	42.58	54.00	-11.42	28.96	3	Horizontal	177	2.00	-	38.80	9.51	34.69
PK	17.35562G	63.54	68.20	-4.66	44.39	3	Horizontal	72	1.09	-	41.72	12.54	35.11

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5825MHz_TX

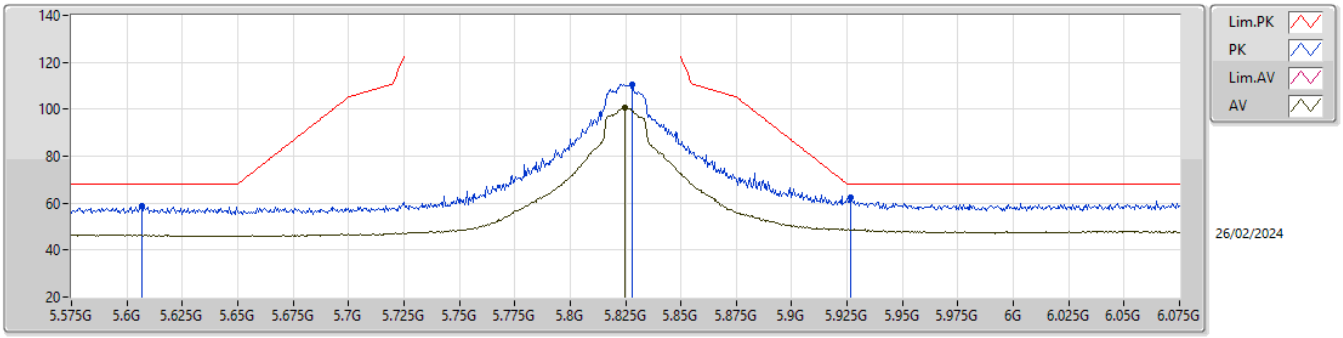


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.6225G	59.10	68.20	-9.10	52.60	3	Vertical	172	1.92	-	33.70	6.22	33.42
PK	5.823G	117.42	Inf	-Inf	110.39	3	Vertical	172	1.92	-	34.29	6.22	33.48
AV	5.8255G	107.42	Inf	-Inf	100.38	3	Vertical	172	1.92	-	34.30	6.22	33.48
PK	5.926G	67.76	68.20	-0.44	60.10	3	Vertical	172	1.92	-	34.86	6.31	33.51

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5825MHz_TX

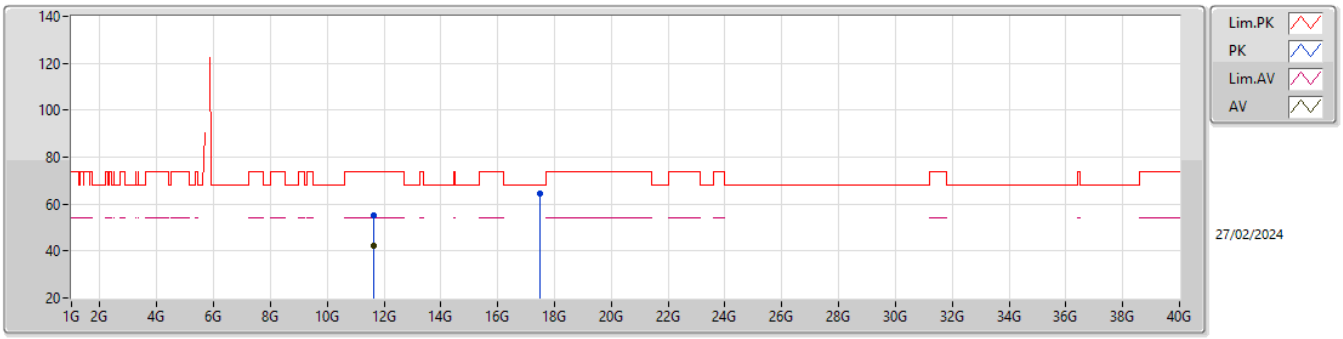


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.6065G	58.77	68.20	-9.43	52.27	3	Horizontal	131	1.69	-	33.70	6.22	33.42
PK	5.828G	110.51	Inf	-Inf	103.45	3	Horizontal	131	1.69	-	34.31	6.23	33.48
AV	5.8245G	100.93	Inf	-Inf	93.89	3	Horizontal	131	1.69	-	34.30	6.22	33.48
PK	5.9265G	62.61	68.20	-5.59	54.95	3	Horizontal	131	1.69	-	34.86	6.31	33.51

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5825MHz_TX

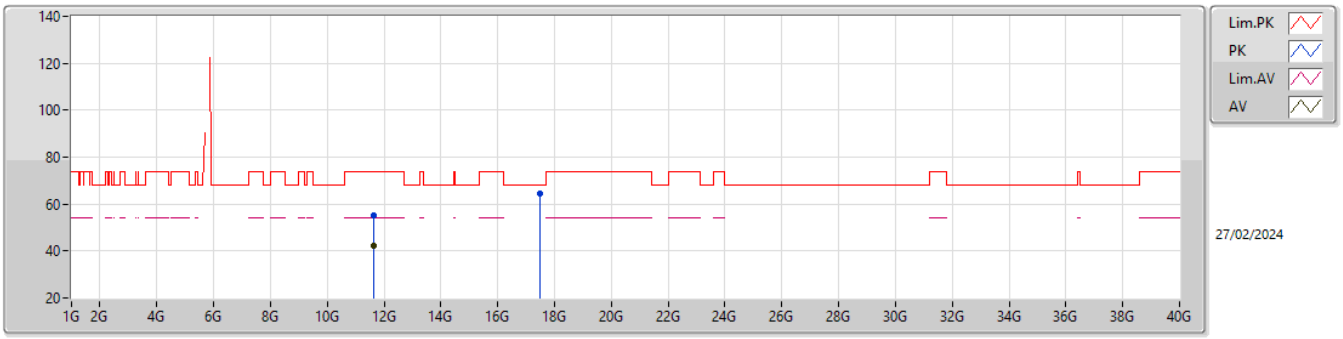


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65126G	55.17	74.00	-18.83	41.48	3	Vertical	50	2.57	-	38.80	9.55	34.66
AV	11.6498G	42.42	54.00	-11.58	28.73	3	Vertical	50	2.57	-	38.80	9.55	34.66
PK	17.47612G	64.61	68.20	-3.59	45.15	3	Vertical	212	2.74	-	41.95	12.64	35.13

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5825MHz_TX

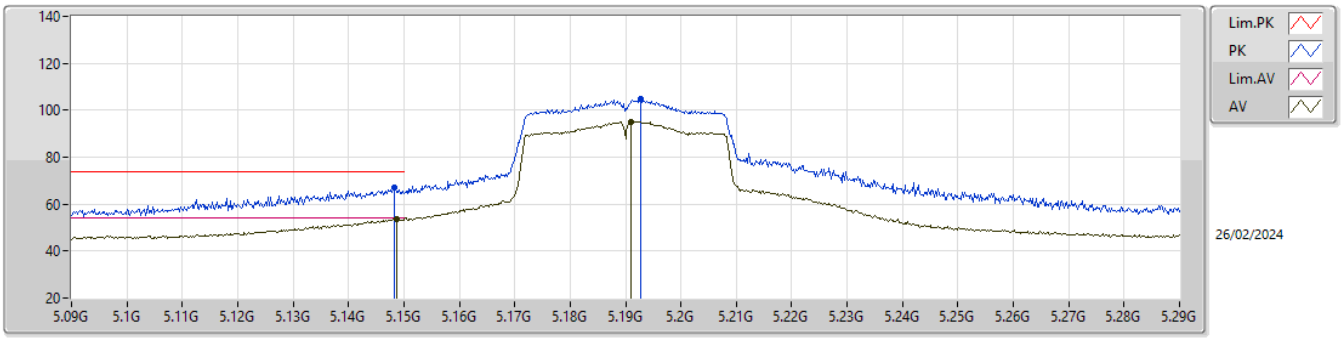


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65057G	55.19	74.00	-18.81	41.50	3	Horizontal	146	1.81	-	38.80	9.55	34.66
AV	11.64966G	42.43	54.00	-11.57	28.74	3	Horizontal	146	1.81	-	38.80	9.55	34.66
PK	17.47506G	64.53	68.20	-3.67	45.07	3	Horizontal	252	1.02	-	41.95	12.64	35.13

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX

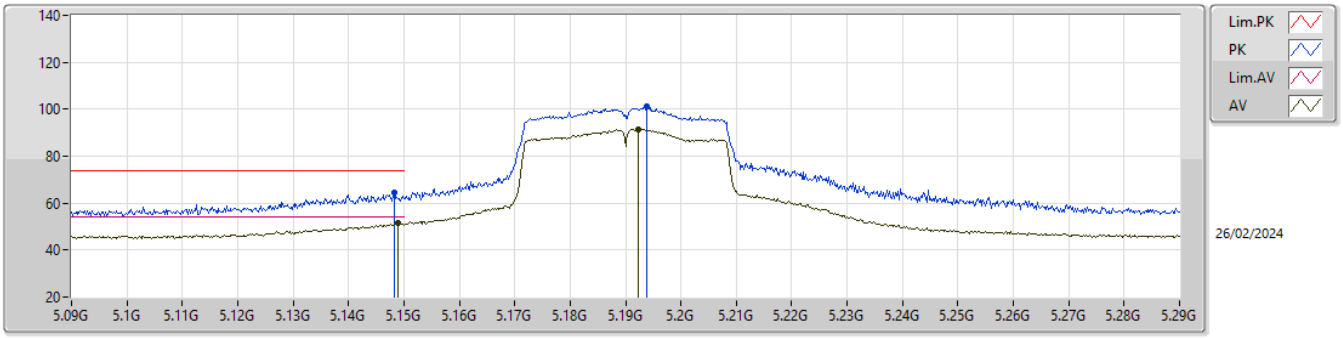


EUT X_1TX
Setting 60
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	66.85	74.00	-7.15	61.61	3	Vertical	102	2.83	-	32.60	5.90	33.26
AV	5.1486G	53.66	54.00	-0.34	48.42	3	Vertical	102	2.83	-	32.60	5.90	33.26
PK	5.1928G	104.64	Inf	-Inf	99.31	3	Vertical	102	2.83	-	32.69	5.92	33.28
AV	5.191G	95.24	Inf	-Inf	89.92	3	Vertical	102	2.83	-	32.68	5.92	33.28

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX

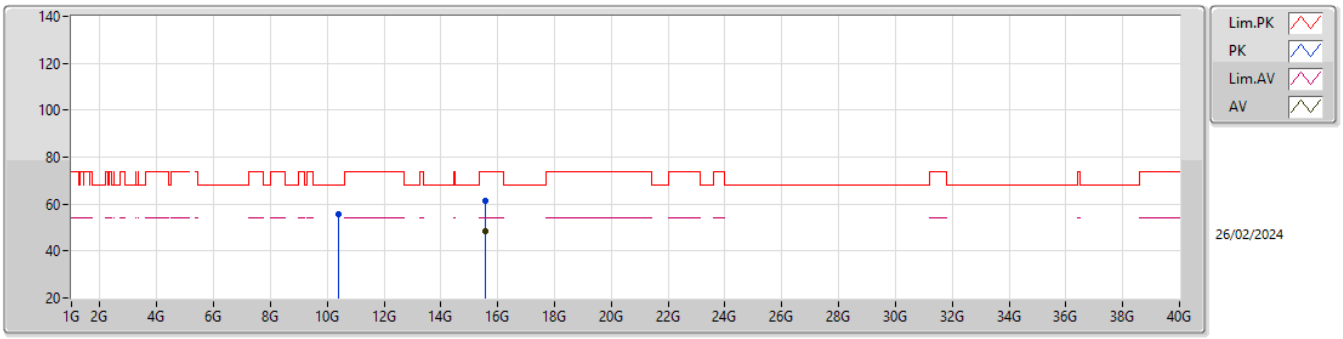


EUT X_1TX
Setting 60
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	64.41	74.00	-9.59	59.17	3	Horizontal	135	1.50	-	32.60	5.90	33.26
AV	5.149G	51.36	54.00	-2.64	46.12	3	Horizontal	135	1.50	-	32.60	5.90	33.26
PK	5.1938G	101.42	Inf	-Inf	96.09	3	Horizontal	135	1.50	-	32.69	5.92	33.28
AV	5.1922G	91.56	Inf	-Inf	86.24	3	Horizontal	135	1.50	-	32.68	5.92	33.28

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX

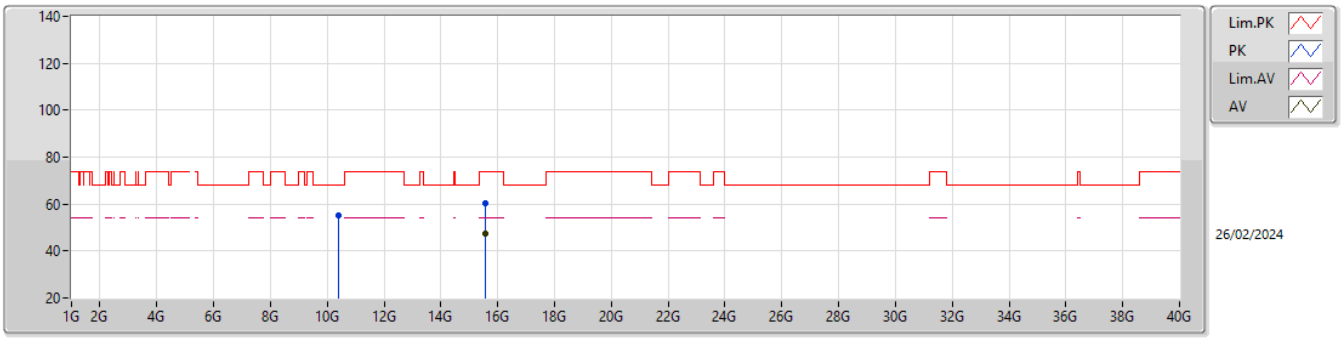


EUT Z_1TX
Setting 60
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39233G	55.65	68.20	-12.55	41.90	3	Vertical	356	1.80	-	38.60	8.91	33.76
PK	15.56259G	61.33	74.00	-12.67	46.82	3	Vertical	257	2.01	-	38.33	11.24	35.06
AV	15.57843G	48.37	54.00	-5.63	33.82	3	Vertical	257	2.01	-	38.36	11.25	35.06

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX

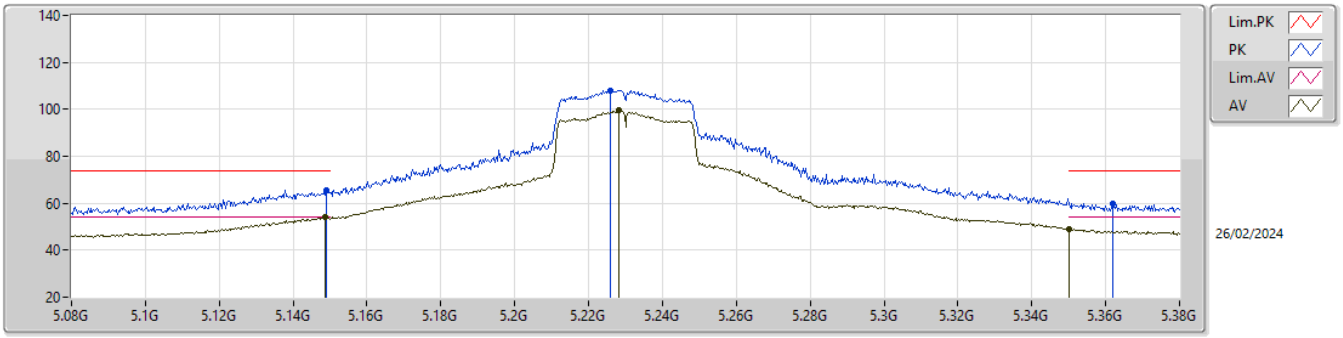


EUT Z_1TX
Setting 60
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37838G	55.12	68.20	-13.08	41.37	3	Horizontal	214	1.51	-	38.60	8.90	33.75
PK	15.56865G	60.15	74.00	-13.85	45.62	3	Horizontal	132	1.80	-	38.34	11.25	35.06
AV	15.58401G	47.62	54.00	-6.38	33.06	3	Horizontal	132	1.80	-	38.37	11.25	35.06

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5230MHz_TX

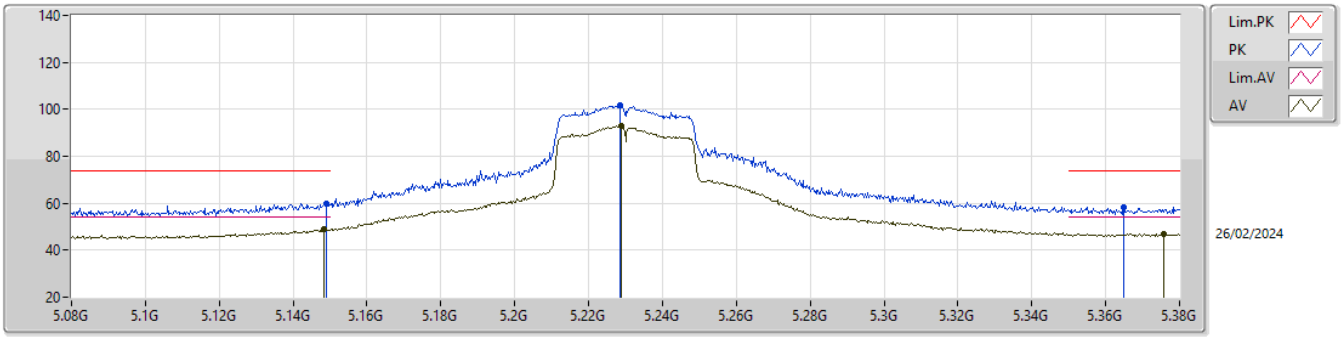


EUT X_1TX
Setting 73
04-C-G-5-10

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	65.41	74.00	-8.59	60.17	3	Vertical	146	2.87	-	32.60	5.90	33.26
AV	5.1487G	53.94	54.00	-0.06	48.70	3	Vertical	146	2.87	-	32.60	5.90	33.26
PK	5.2258G	107.97	Inf	-Inf	102.61	3	Vertical	146	2.87	-	32.70	5.95	33.29
AV	5.2282G	99.43	Inf	-Inf	94.07	3	Vertical	146	2.87	-	32.70	5.95	33.29
PK	5.362G	59.93	74.00	-14.07	54.24	3	Vertical	146	2.87	-	32.95	6.08	33.34
AV	5.35G	48.93	54.00	-5.07	43.30	3	Vertical	146	2.87	-	32.90	6.07	33.34

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5230MHz_TX

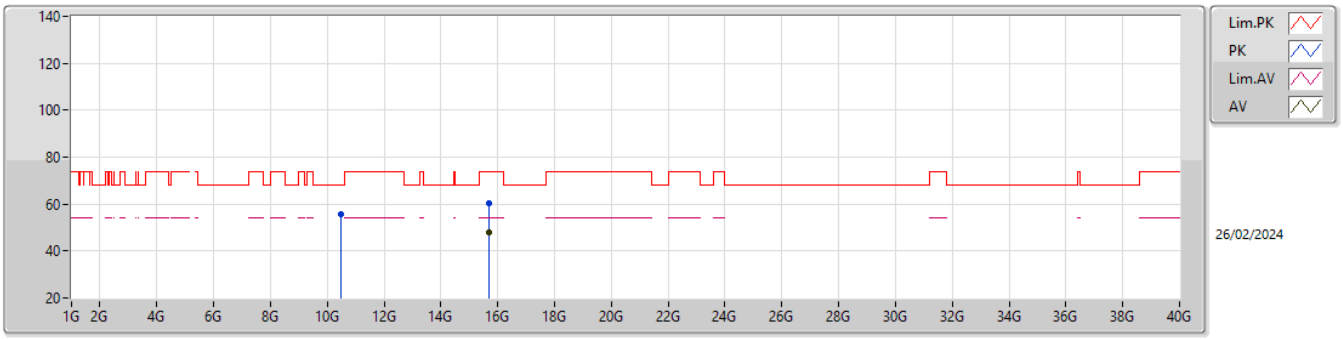


EUT X_1TX
Setting 73
04-C-G-5-10

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	60.00	74.00	-14.00	54.76	3	Horizontal	31	2.12	-	32.60	5.90	33.26
AV	5.1484G	48.83	54.00	-5.17	43.59	3	Horizontal	31	2.12	-	32.60	5.90	33.26
PK	5.2285G	101.53	Inf	-Inf	96.17	3	Horizontal	31	2.12	-	32.70	5.95	33.29
AV	5.2288G	92.81	Inf	-Inf	87.45	3	Horizontal	31	2.12	-	32.70	5.95	33.29
PK	5.365G	58.24	74.00	-15.76	52.54	3	Horizontal	31	2.12	-	32.96	6.08	33.34
AV	5.3758G	46.97	54.00	-7.03	41.22	3	Horizontal	31	2.12	-	33.00	6.10	33.35

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5230MHz_TX

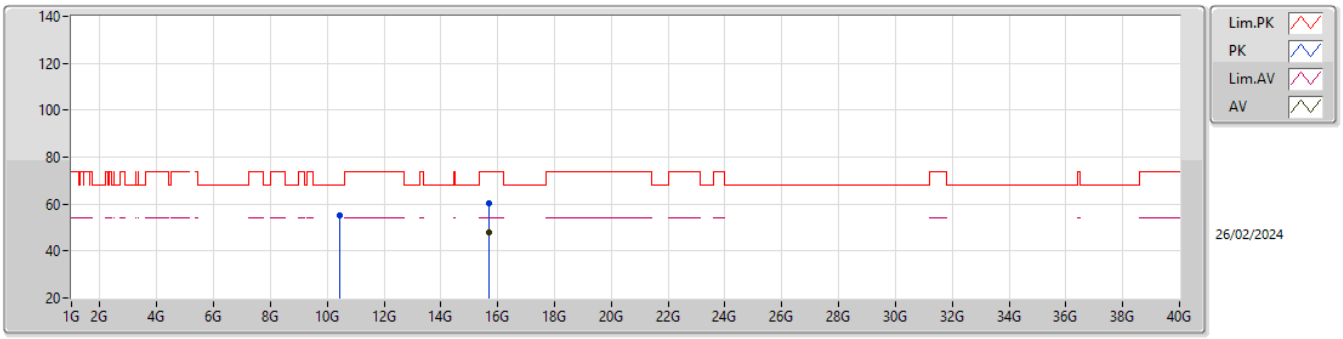


EUT Z_1TX
Setting 73
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46213G	55.68	68.20	-12.52	41.92	3	Vertical	282	1.87	-	38.62	8.95	33.81
PK	15.6849G	60.59	74.00	-13.41	46.48	3	Vertical	90	1.80	-	37.86	11.30	35.05
AV	15.6948G	48.06	54.00	-5.94	33.98	3	Vertical	90	1.80	-	37.82	11.31	35.05

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5230MHz_TX

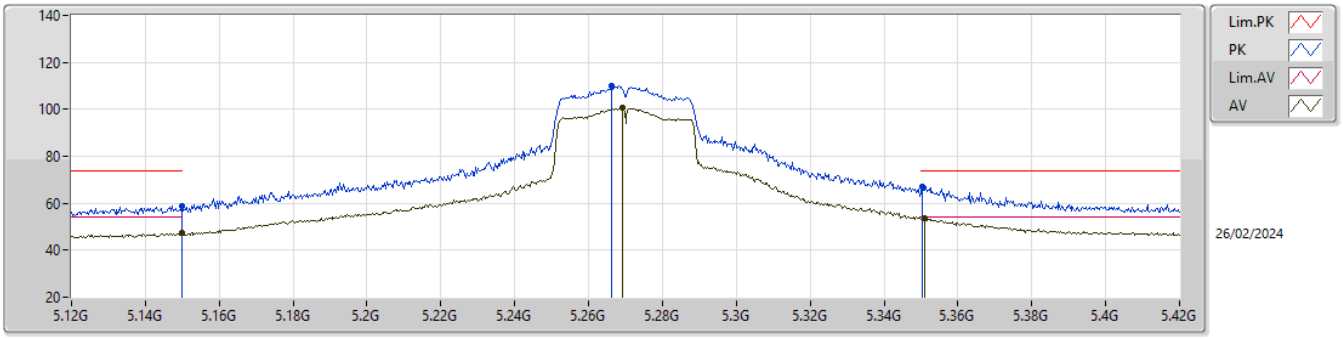


EUT Z_1TX
Setting 73
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45922G	55.38	68.20	-12.82	41.63	3	Horizontal	159	1.64	-	38.62	8.94	33.81
PK	15.6774G	60.36	74.00	-13.64	46.22	3	Horizontal	186	2.28	-	37.89	11.30	35.05
AV	15.6879G	47.73	54.00	-6.27	33.63	3	Horizontal	186	2.28	-	37.85	11.30	35.05

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX

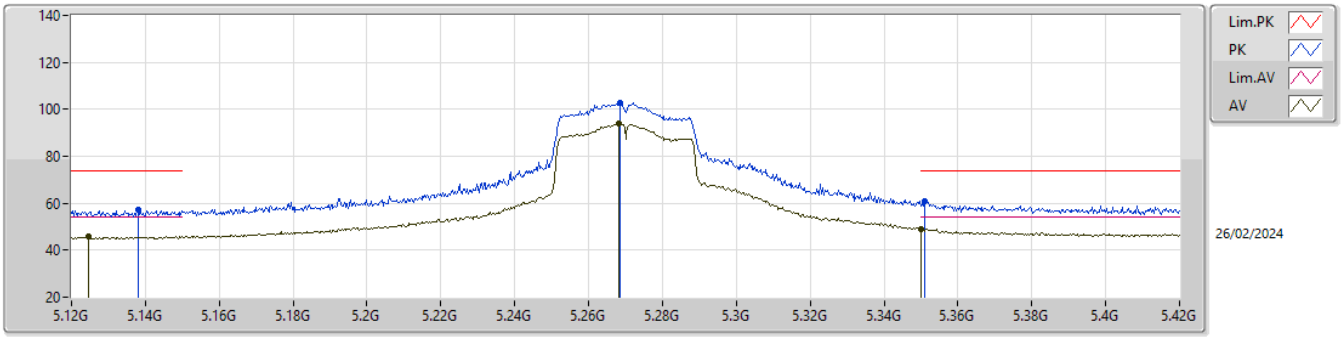


EUT X_1TX
Setting 70
04-C-G-5-10

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	58.76	74.00	-15.24	53.52	3	Vertical	161	2.65	-	32.60	5.90	33.26
AV	5.15G	47.45	54.00	-6.55	42.21	3	Vertical	161	2.65	-	32.60	5.90	33.26
PK	5.2661G	110.11	Inf	-Inf	104.70	3	Vertical	161	2.65	-	32.73	5.99	33.31
AV	5.2691G	100.71	Inf	-Inf	95.29	3	Vertical	161	2.65	-	32.74	5.99	33.31
PK	5.3504G	67.24	74.00	-6.76	61.61	3	Vertical	161	2.65	-	32.90	6.07	33.34
AV	5.351G	53.78	54.00	-0.22	48.15	3	Vertical	161	2.65	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX

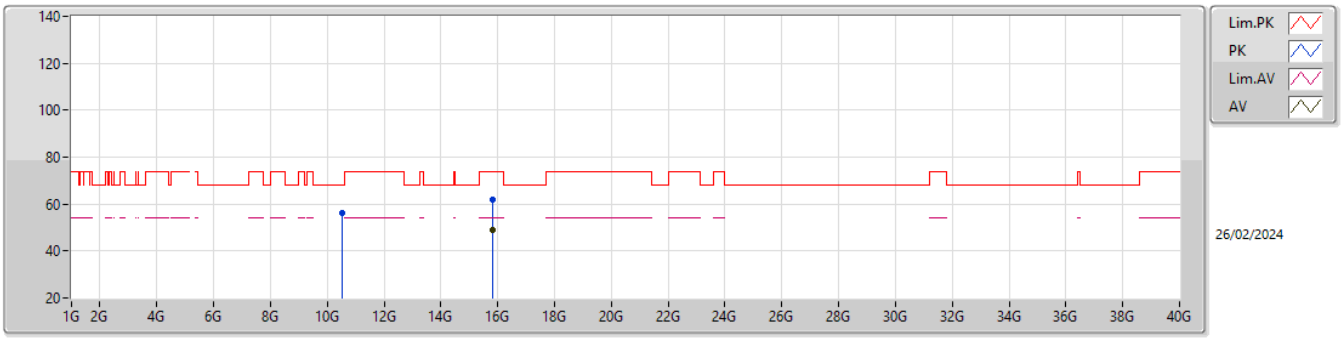


EUT X_1TX
Setting 70
04-C-G-5-10

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	5.138G	57.10	74.00	-16.90	51.89	3	Horizontal	28	1.78	-	32.58	5.89	33.26
AV	5.1245G	45.91	54.00	-8.09	40.72	3	Horizontal	28	1.78	-	32.55	5.89	33.25
PK	5.2685G	102.98	Inf	-Inf	97.56	3	Horizontal	28	1.78	-	32.74	5.99	33.31
AV	5.2682G	93.88	Inf	-Inf	88.46	3	Horizontal	28	1.78	-	32.74	5.99	33.31
PK	5.351G	61.07	74.00	-12.93	55.44	3	Horizontal	28	1.78	-	32.90	6.07	33.34
AV	5.35G	48.95	54.00	-5.05	43.32	3	Horizontal	28	1.78	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX

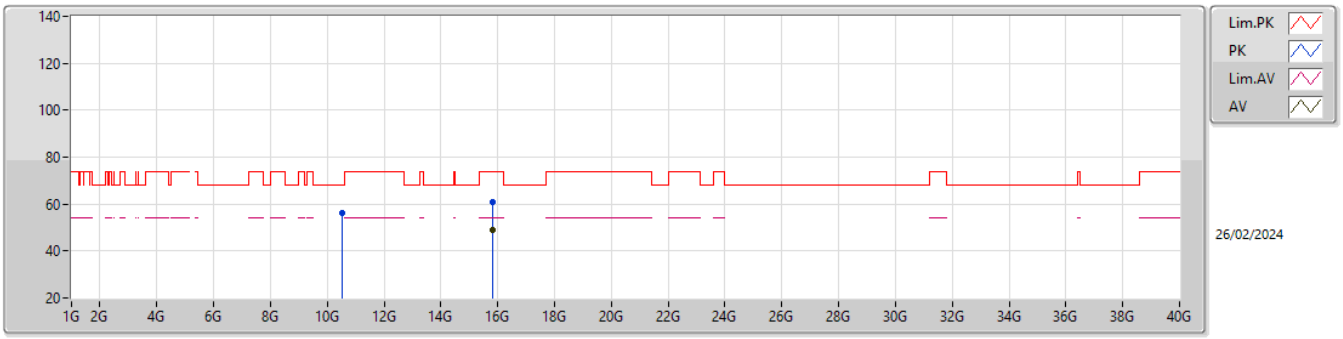


EUT Z_1TX
Setting 70
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.534G	56.24	68.20	-11.96	42.36	3	Vertical	244	1.80	-	38.77	8.98	33.87
PK	15.81273G	61.71	74.00	-12.29	47.21	3	Vertical	266	1.80	-	38.17	11.36	35.03
AV	15.80331G	48.87	54.00	-5.13	34.35	3	Vertical	266	1.80	-	38.19	11.36	35.03

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX

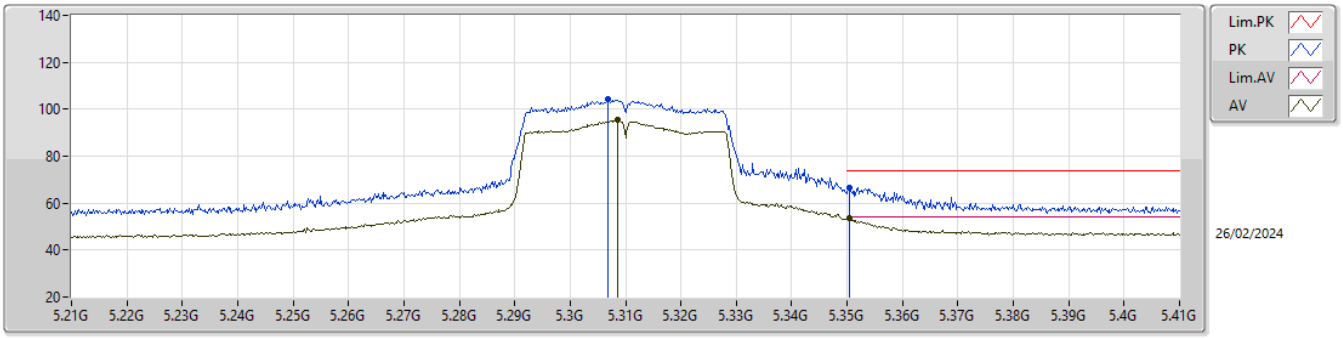


EUT Z_1TX
Setting 70
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.53463G	56.24	68.20	-11.96	42.36	3	Horizontal	111	1.11	-	38.77	8.98	33.87
PK	15.80484G	60.80	74.00	-13.20	46.28	3	Horizontal	311	1.38	-	38.19	11.36	35.03
AV	15.80919G	48.90	54.00	-5.10	34.39	3	Horizontal	311	1.38	-	38.18	11.36	35.03

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5310MHz_TX

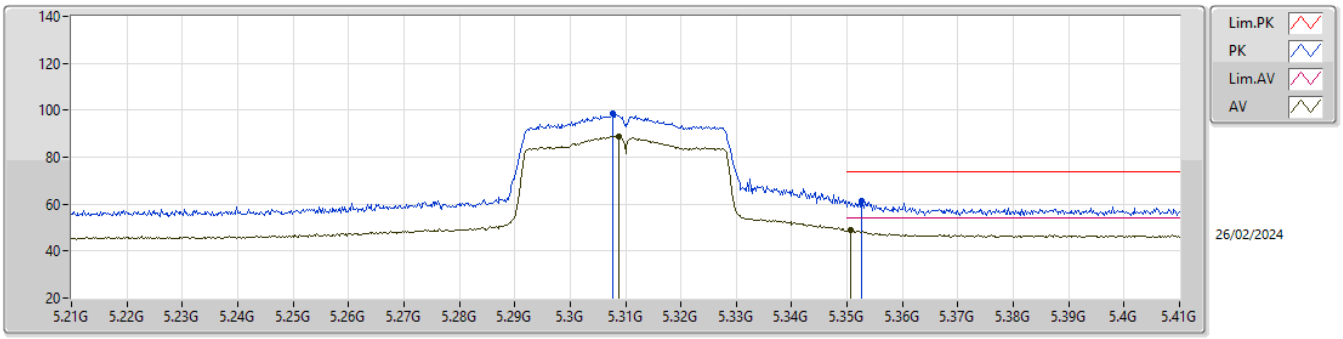


EUT X_1TX
Setting 54
04-C-G-5-10

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	5.3068G	104.28	Inf	-Inf	98.76	3	Vertical	60	2.84	-	32.81	6.03	33.32
AV	5.3086G	95.32	Inf	-Inf	89.79	3	Vertical	60	2.84	-	32.82	6.03	33.32
PK	5.3504G	66.78	74.00	-7.22	61.15	3	Vertical	60	2.84	-	32.90	6.07	33.34
AV	5.3504G	53.39	54.00	-0.61	47.76	3	Vertical	60	2.84	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5310MHz_TX

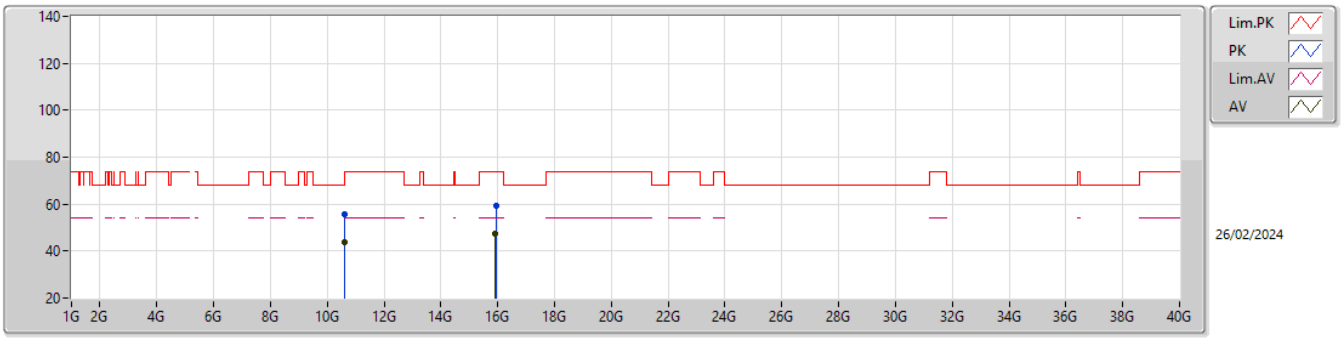


EUT X_1TX
Setting 54
04-C-G-5-10

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	5.3076G	98.54	Inf	-Inf	93.01	3	Horizontal	32	1.80	-	32.82	6.03	33.32
AV	5.3088G	88.86	Inf	-Inf	83.33	3	Horizontal	32	1.80	-	32.82	6.03	33.32
PK	5.3526G	61.37	74.00	-12.63	55.73	3	Horizontal	32	1.80	-	32.91	6.07	33.34
AV	5.3506G	49.11	54.00	-4.89	43.48	3	Horizontal	32	1.80	-	32.90	6.07	33.34

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5310MHz_TX

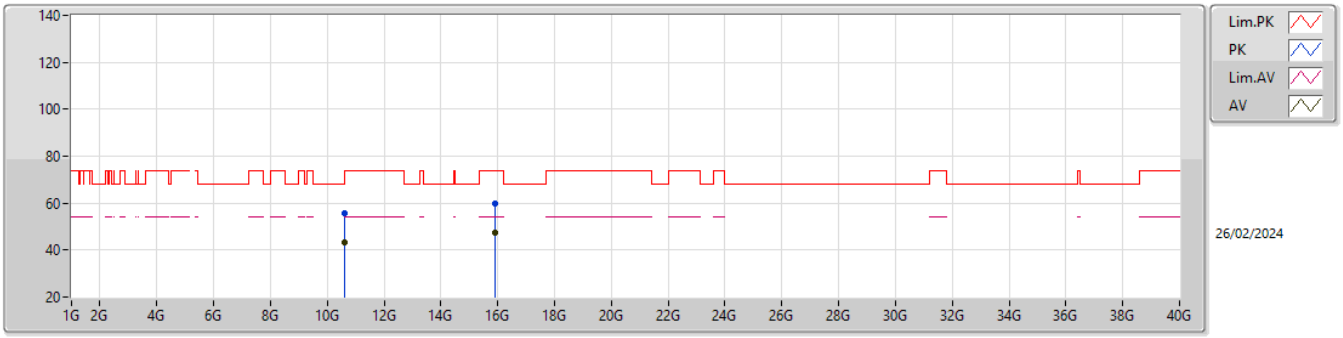


EUT Z_1TX
Setting 54
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63005G	55.81	74.00	-18.19	41.83	3	Vertical	155	3.00	-	38.90	9.03	33.95
AV	10.62471G	43.74	54.00	-10.26	29.76	3	Vertical	155	3.00	-	38.90	9.03	33.95
PK	15.93462G	59.33	74.00	-14.67	44.59	3	Vertical	224	1.80	-	38.34	11.42	35.02
AV	15.924G	47.55	54.00	-6.45	32.86	3	Vertical	224	1.80	-	38.30	11.41	35.02

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5310MHz_TX

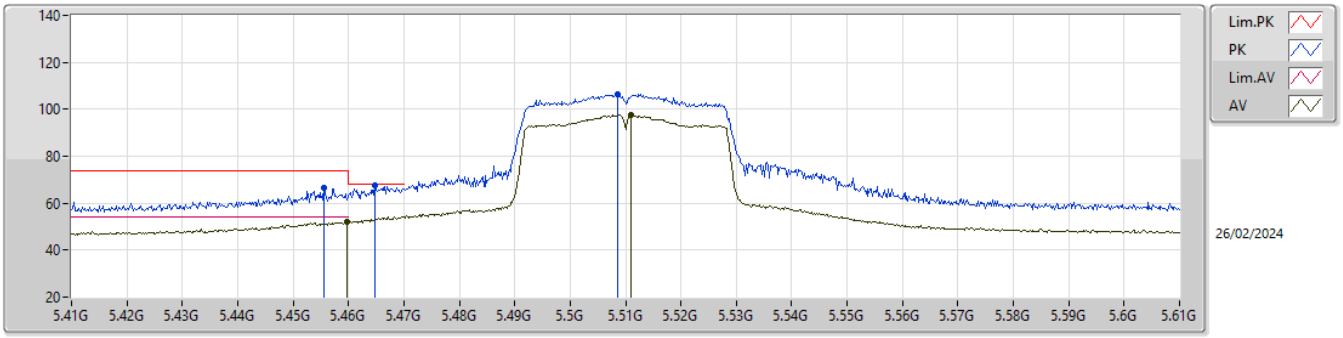


EUT Z_1TX
Setting 54
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.62288G	55.74	74.00	-18.26	41.76	3	Horizontal	189	2.41	-	38.90	9.03	33.95
AV	10.60866G	43.38	54.00	-10.62	29.40	3	Horizontal	189	2.41	-	38.90	9.02	33.94
PK	15.92406G	59.85	74.00	-14.15	45.16	3	Horizontal	20	1.05	-	38.30	11.41	35.02
AV	15.92151G	47.22	54.00	-6.78	32.54	3	Horizontal	20	1.05	-	38.29	11.41	35.02

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX

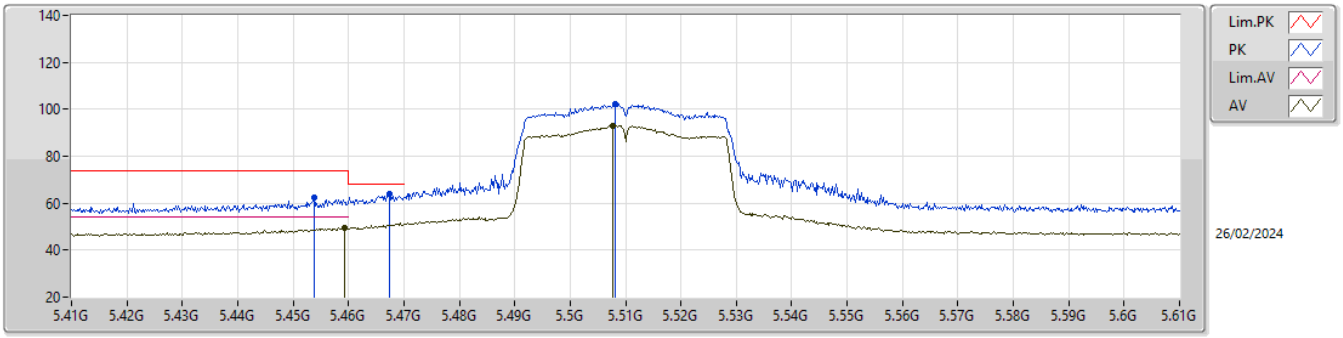


EUT X_1TX
Setting 58
04-C-G-5-10

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	5.4556G	66.74	74.00	-7.26	60.63	3	Vertical	173	2.07	-	33.33	6.15	33.37
AV	5.4598G	52.08	54.00	-1.92	45.95	3	Vertical	173	2.07	-	33.36	6.15	33.38
PK	5.4648G	67.84	68.20	-0.36	61.68	3	Vertical	173	2.07	-	33.39	6.15	33.38
PK	5.5086G	106.54	Inf	-Inf	100.14	3	Vertical	173	2.07	-	33.62	6.17	33.39
AV	5.511G	97.57	Inf	-Inf	91.16	3	Vertical	173	2.07	-	33.62	6.18	33.39

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX

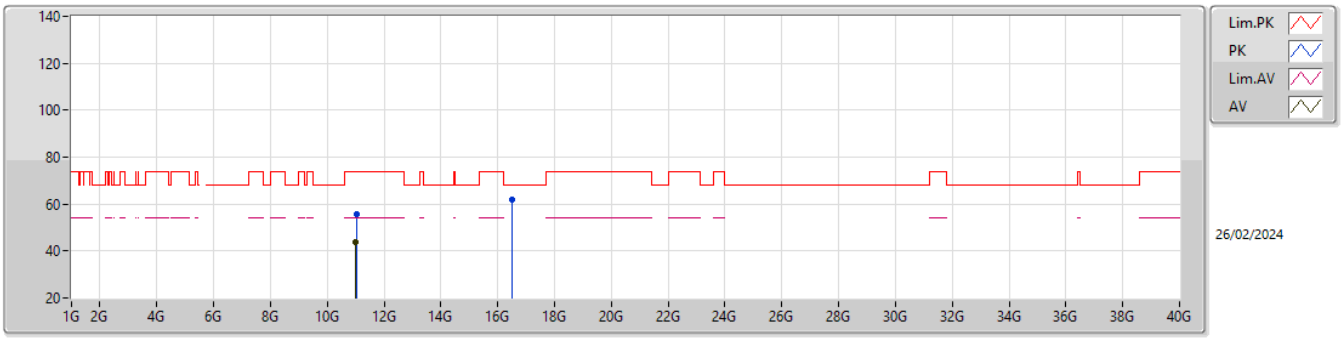


EUT X_1TX
Setting 58
04-C-G-5-10

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	5.4538G	62.49	74.00	-11.51	56.39	3	Horizontal	134	1.37	-	33.32	6.15	33.37
AV	5.4592G	49.35	54.00	-4.65	43.22	3	Horizontal	134	1.37	-	33.36	6.15	33.38
PK	5.4674G	63.92	68.20	-4.28	57.75	3	Horizontal	134	1.37	-	33.40	6.15	33.38
PK	5.5082G	102.30	Inf	-Inf	95.90	3	Horizontal	134	1.37	-	33.62	6.17	33.39
AV	5.5076G	92.80	Inf	-Inf	86.40	3	Horizontal	134	1.37	-	33.62	6.17	33.39

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX

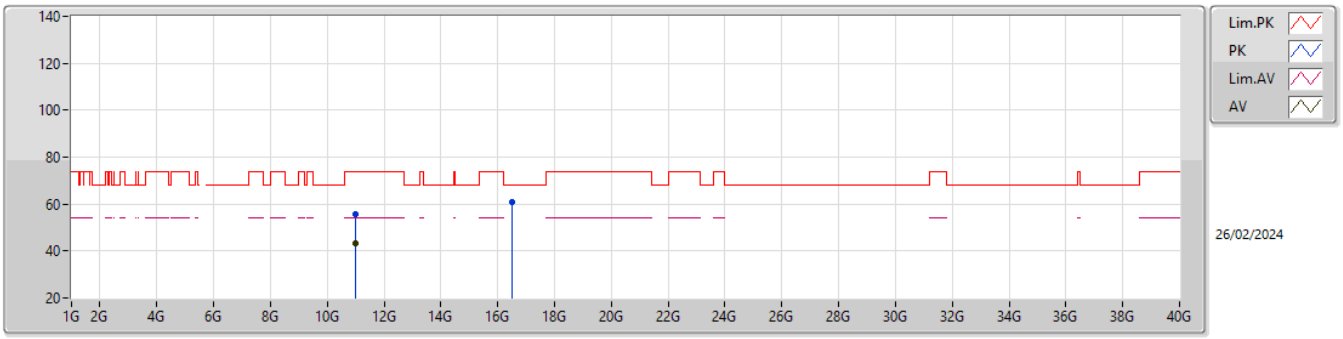


EUT Z_1TX
Setting 58
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.02546G	55.81	74.00	-18.19	42.03	3	Vertical	357	1.80	-	38.85	9.23	34.30
AV	11.00665G	43.80	54.00	-10.20	29.98	3	Vertical	357	1.80	-	38.89	9.22	34.29
PK	16.51812G	61.88	68.20	-6.32	45.59	3	Vertical	127	1.80	-	39.34	11.87	34.92

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX

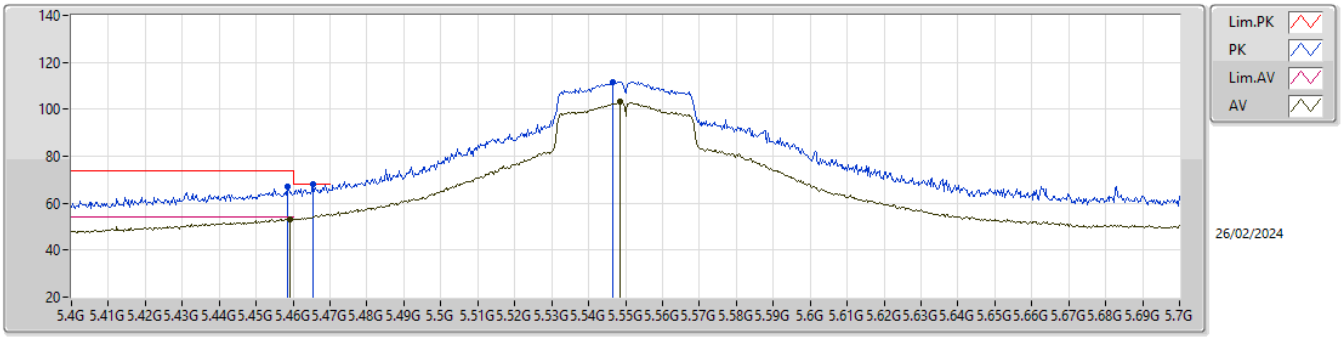


EUT Z_1TX
Setting 58
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00698G	55.46	74.00	-18.54	41.64	3	Horizontal	144	2.62	-	38.89	9.22	34.29
AV	11.00833G	43.30	54.00	-10.70	29.49	3	Horizontal	144	2.62	-	38.88	9.22	34.29
PK	16.52091G	61.07	68.20	-7.13	44.78	3	Horizontal	332	2.75	-	39.34	11.87	34.92

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5550MHz_TX

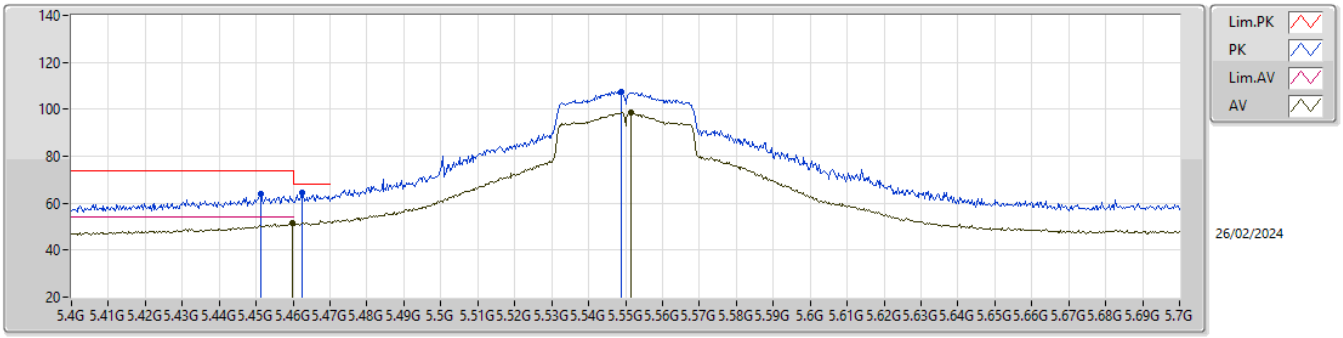


EUT X_1TX
Setting 76
04-C-G-5-10

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	5.4585G	67.02	74.00	-6.98	60.90	3	Vertical	175	1.93	-	33.35	6.15	33.38
AV	5.4591G	53.33	54.00	-0.67	47.21	3	Vertical	175	1.93	-	33.35	6.15	33.38
PK	5.4654G	67.92	68.20	-0.28	61.76	3	Vertical	175	1.93	-	33.39	6.15	33.38
PK	5.5467G	111.77	Inf	-Inf	105.29	3	Vertical	175	1.93	-	33.69	6.19	33.40
AV	5.5485G	103.48	Inf	-Inf	96.99	3	Vertical	175	1.93	-	33.70	6.19	33.40

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5550MHz_TX

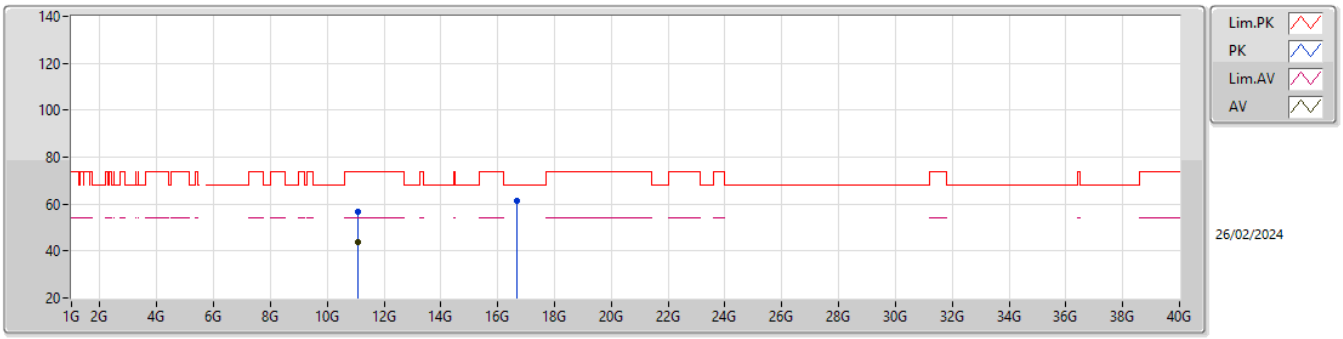


EUT X_1TX
Setting 76
04-C-G-5-10

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	5.4513G	63.81	74.00	-10.19	57.72	3	Horizontal	132	1.38	-	33.31	6.15	33.37
PK	5.4624G	64.38	68.20	-3.82	58.24	3	Horizontal	132	1.38	-	33.37	6.15	33.38
AV	5.4597G	51.45	54.00	-2.55	45.32	3	Horizontal	132	1.38	-	33.36	6.15	33.38
PK	5.5488G	107.56	Inf	-Inf	101.07	3	Horizontal	132	1.38	-	33.70	6.19	33.40
AV	5.5515G	98.48	Inf	-Inf	91.98	3	Horizontal	132	1.38	-	33.70	6.20	33.40

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5550MHz_TX

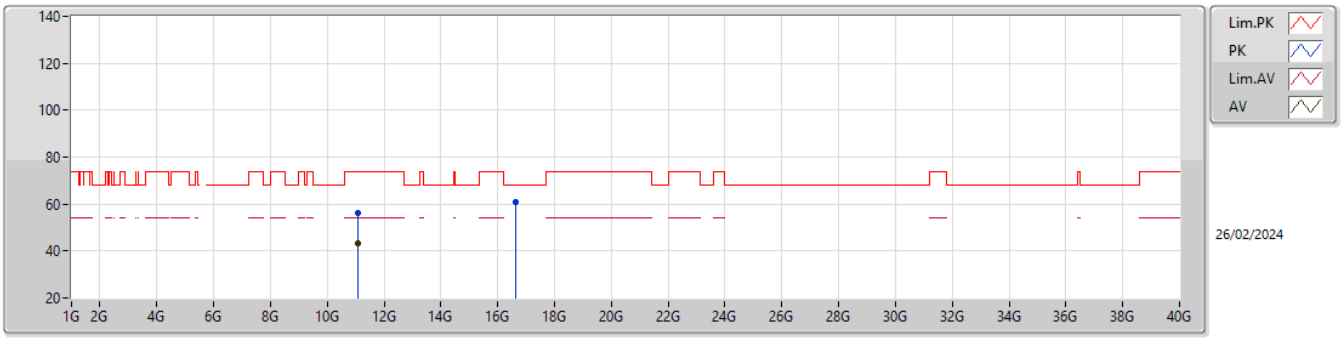


EUT Z_1TX
Setting 76
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09655G	56.47	74.00	-17.53	42.76	3	Vertical	219	1.80	-	38.80	9.27	34.36
AV	11.0931G	43.81	54.00	-10.19	30.10	3	Vertical	219	1.80	-	38.80	9.27	34.36
PK	16.66311G	61.23	68.20	-6.97	44.68	3	Vertical	331	2.29	-	39.53	11.98	34.96

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5550MHz_TX

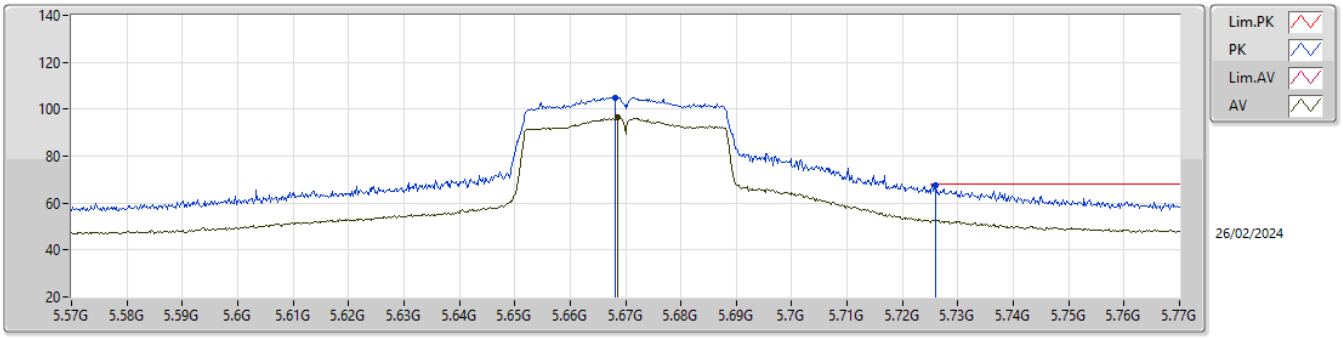


EUT Z_1TX
Setting 76
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09046G	55.96	74.00	-18.04	42.25	3	Horizontal	56	1.17	-	38.80	9.27	34.36
AV	11.10165G	43.42	54.00	-10.58	29.73	3	Horizontal	56	1.17	-	38.79	9.27	34.37
PK	16.6392G	61.04	68.20	-7.16	44.57	3	Horizontal	343	1.80	-	39.46	11.96	34.95

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5670MHz_TX

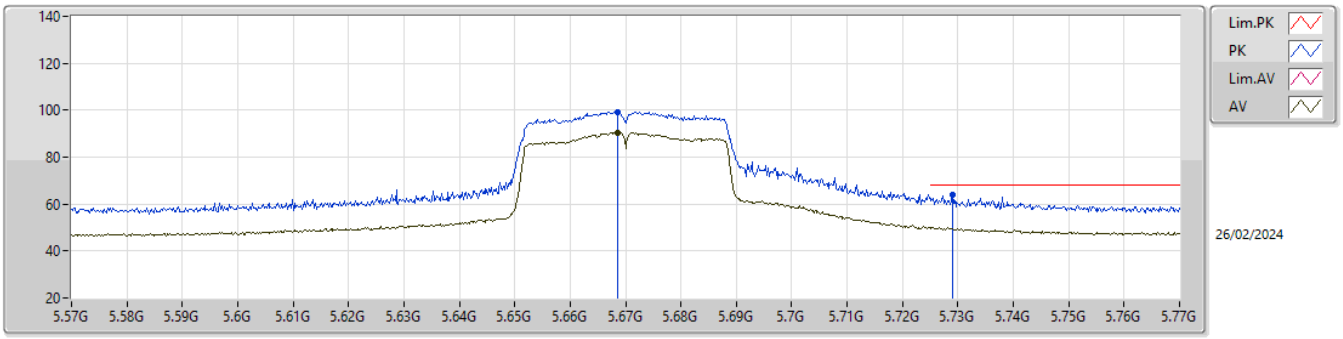


EUT X_1TX
Setting 61
04-C-G-5-10

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	5.6682G	104.96	Inf	-Inf	98.45	3	Vertical	174	2.02	-	33.74	6.21	33.44
AV	5.6686G	96.32	Inf	-Inf	89.81	3	Vertical	174	2.02	-	33.74	6.21	33.44
PK	5.726G	67.42	68.20	-0.78	60.76	3	Vertical	174	2.02	-	33.90	6.21	33.45

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5670MHz_TX

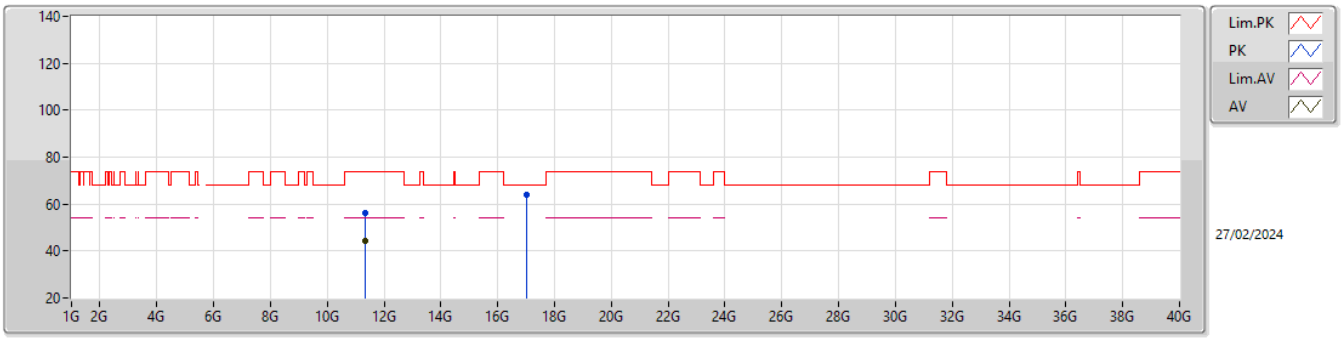


EUT X_1TX
Setting 61
04-C-G-5-10

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	5.6686G	99.34	Inf	-Inf	92.83	3	Horizontal	140	1.39	-	33.74	6.21	33.44
AV	5.6686G	90.55	Inf	-Inf	84.04	3	Horizontal	140	1.39	-	33.74	6.21	33.44
PK	5.729G	63.71	68.20	-4.49	57.03	3	Horizontal	140	1.39	-	33.92	6.21	33.45

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5670MHz_TX

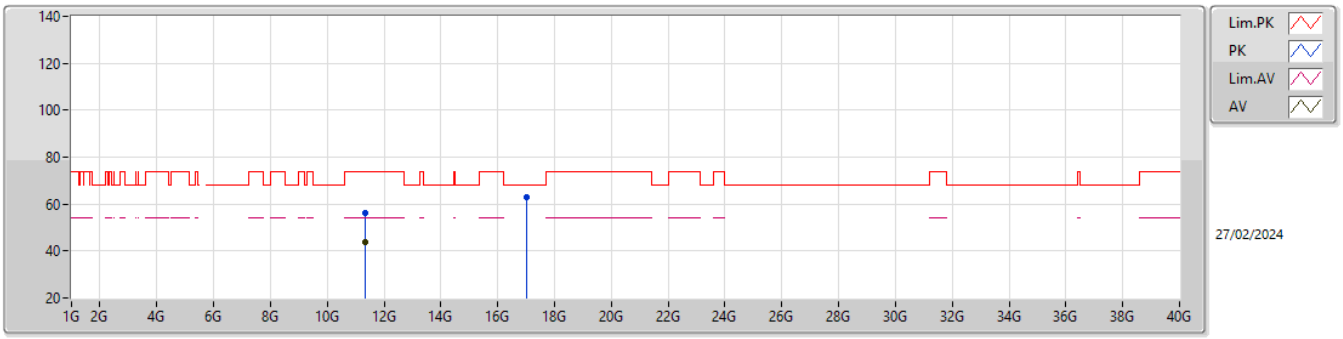


EUT Z_1TX
Setting 61
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.34417G	56.41	74.00	-17.59	42.79	3	Vertical	76	1.54	-	38.80	9.40	34.58
AV	11.34264G	44.13	54.00	-9.87	30.51	3	Vertical	76	1.54	-	38.80	9.39	34.57
PK	17.00463G	63.92	68.20	-4.28	46.19	3	Vertical	268	1.80	-	40.52	12.26	35.05

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5670MHz_TX

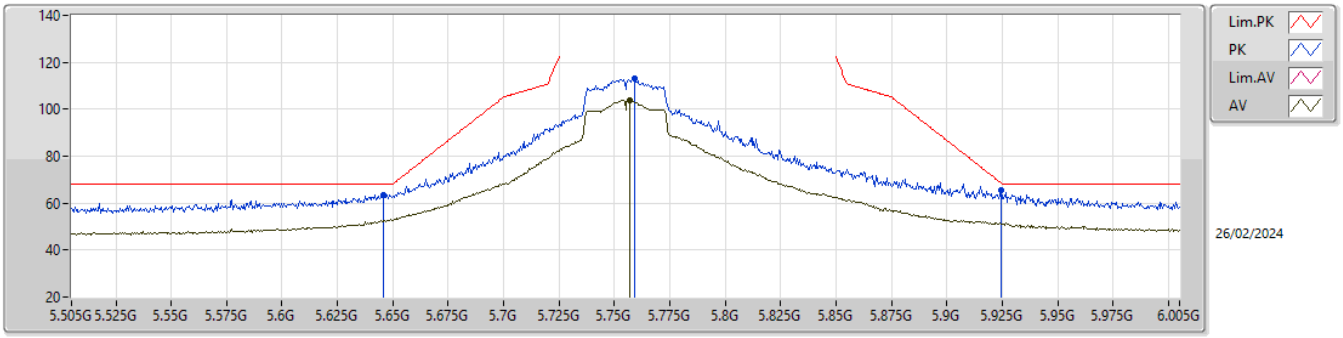


EUT Z_1TX
Setting 61
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.33595G	56.02	74.00	-17.98	42.40	3	Horizontal	102	1.52	-	38.80	9.39	34.57
AV	11.34984G	43.87	54.00	-10.13	30.25	3	Horizontal	102	1.52	-	38.80	9.40	34.58
PK	17.01612G	63.16	68.20	-5.04	45.38	3	Horizontal	150	2.23	-	40.56	12.27	35.05

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5755MHz_TX

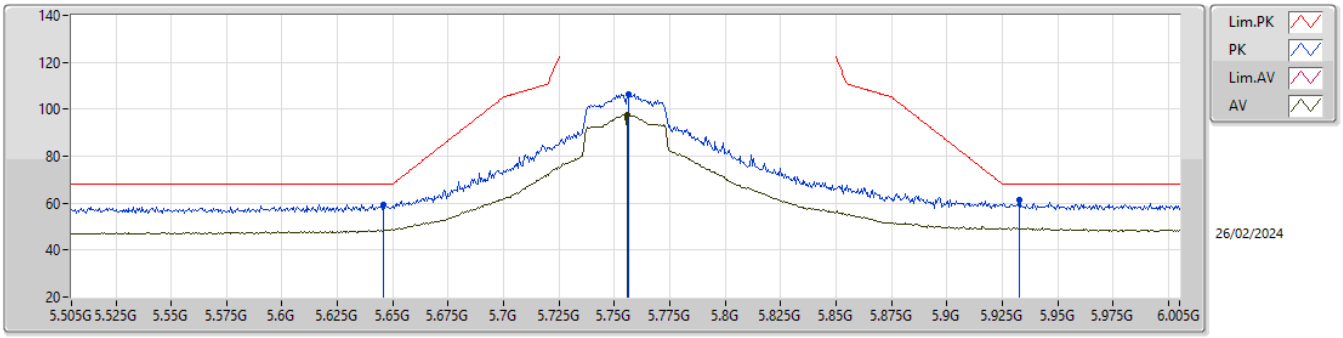


EUT X_1TX
Setting 85
04-C-G-5-10

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	5.6455G	63.54	68.20	-4.66	57.05	3	Vertical	170	1.80	-	33.70	6.22	33.43
PK	5.759G	112.85	Inf	-Inf	106.07	3	Vertical	170	1.80	-	34.04	6.20	33.46
AV	5.757G	103.77	Inf	-Inf	97.00	3	Vertical	170	1.80	-	34.03	6.20	33.46
PK	5.9245G	65.42	68.57	-3.15	57.77	3	Vertical	170	1.80	-	34.85	6.31	33.51

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5755MHz_TX

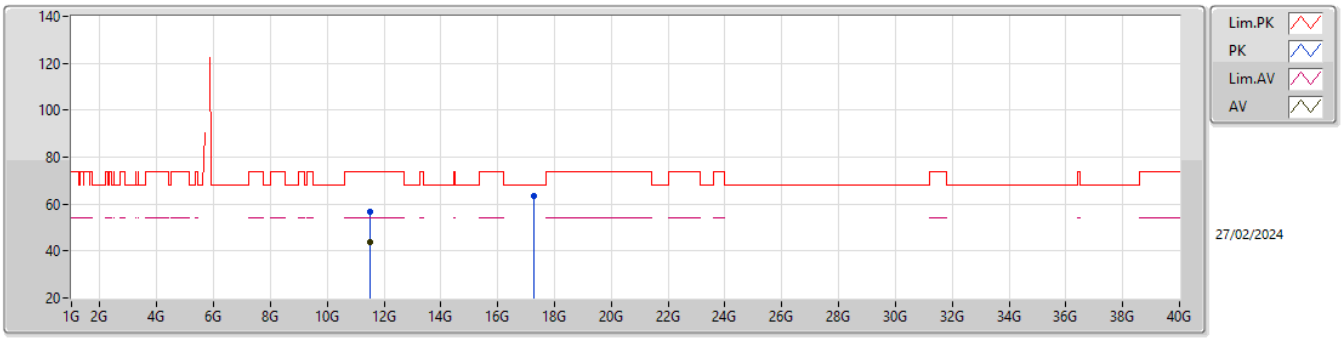


EUT X_1TX
Setting 85
04-C-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	59.49	68.20	-8.71	53.00	3	Horizontal	42	1.60	-	33.70	6.22	33.43
PK	5.7565G	106.53	Inf	-Inf	99.76	3	Horizontal	42	1.60	-	34.03	6.20	33.46
AV	5.756G	97.42	Inf	-Inf	90.66	3	Horizontal	42	1.60	-	34.02	6.20	33.46
PK	5.9325G	61.19	68.20	-7.01	53.49	3	Horizontal	42	1.60	-	34.89	6.32	33.51

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5755MHz_TX

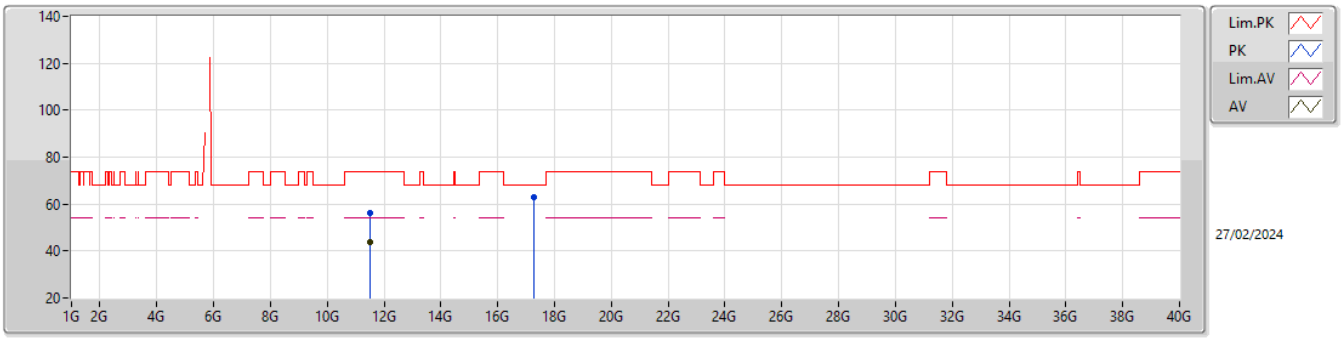


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.52098G	56.71	74.00	-17.29	43.12	3	Vertical	357	1.80	-	38.80	9.49	34.70
AV	11.50601G	43.99	54.00	-10.01	30.42	3	Vertical	357	1.80	-	38.80	9.48	34.71
PK	17.27049G	63.31	68.20	-4.89	44.51	3	Vertical	91	1.05	-	41.42	12.47	35.09

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5755MHz_TX

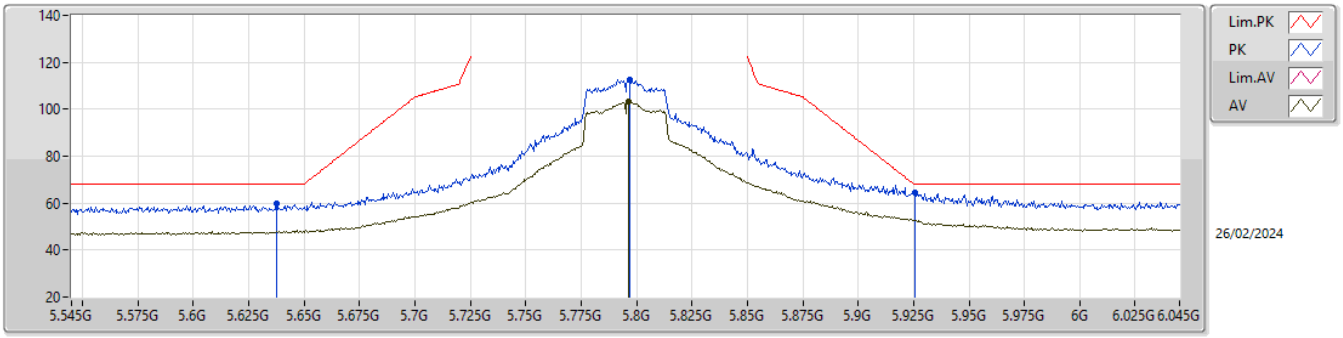


EUT Z_1TX
Setting 85
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49665G	56.11	74.00	-17.89	42.55	3	Horizontal	305	2.51	-	38.80	9.47	34.71
AV	11.52317G	44.02	54.00	-9.98	30.43	3	Horizontal	305	2.51	-	38.80	9.49	34.70
PK	17.26881G	63.08	68.20	-5.12	44.29	3	Horizontal	244	2.88	-	41.41	12.47	35.09

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5795MHz_TX

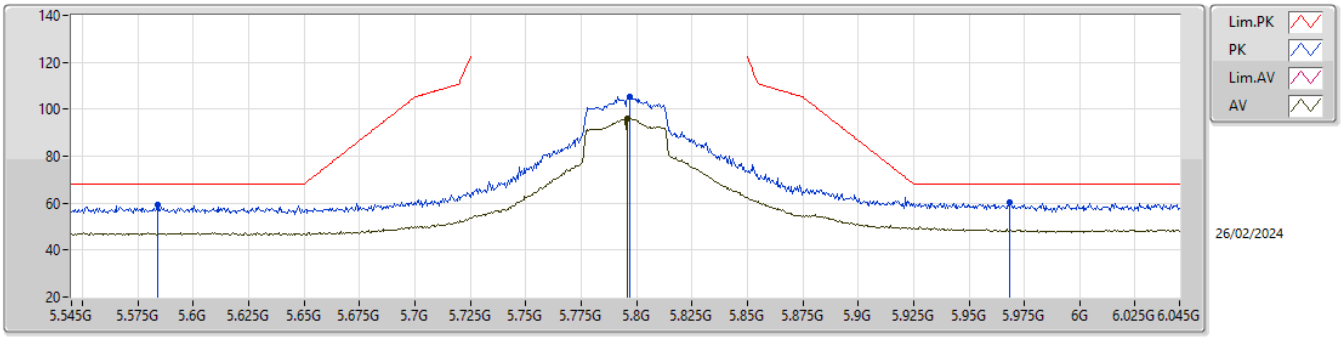


EUT X_1TX
Setting 79
04-C-G-5-10

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	5.6375G	59.99	68.20	-8.21	53.50	3	Vertical	173	1.80	-	33.70	6.22	33.43
PK	5.797G	112.68	Inf	-Inf	105.76	3	Vertical	173	1.80	-	34.19	6.20	33.47
AV	5.7965G	103.07	Inf	-Inf	96.15	3	Vertical	173	1.80	-	34.19	6.20	33.47
PK	5.9255G	64.64	68.20	-3.56	56.99	3	Vertical	173	1.80	-	34.85	6.31	33.51

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5795MHz_TX

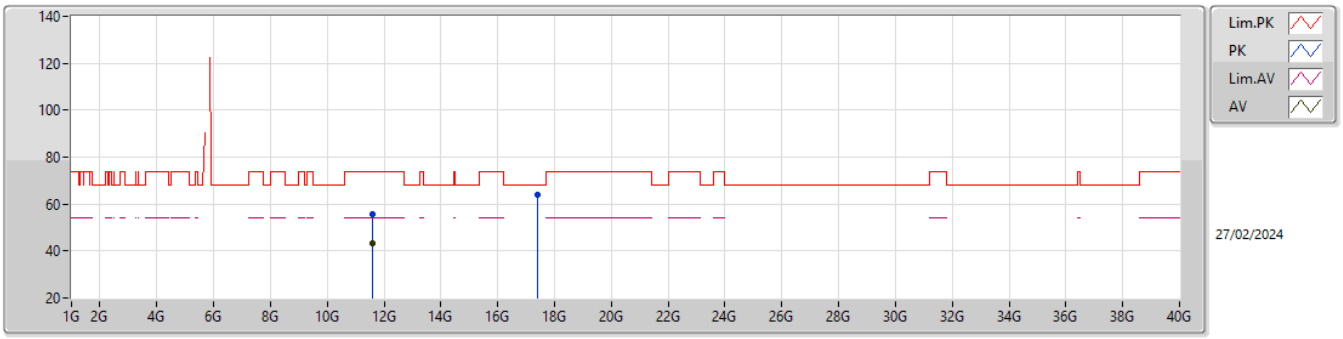


EUT X_1TX
Setting 79
04-C-G-5-10

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	5.584G	59.13	68.20	-9.07	52.63	3	Horizontal	129	1.80	-	33.70	6.21	33.41
PK	5.797G	105.38	Inf	-Inf	98.46	3	Horizontal	129	1.80	-	34.19	6.20	33.47
AV	5.796G	96.00	Inf	-Inf	89.09	3	Horizontal	129	1.80	-	34.18	6.20	33.47
PK	5.9685G	60.10	68.20	-8.10	52.27	3	Horizontal	129	1.80	-	35.00	6.35	33.52

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5795MHz_TX

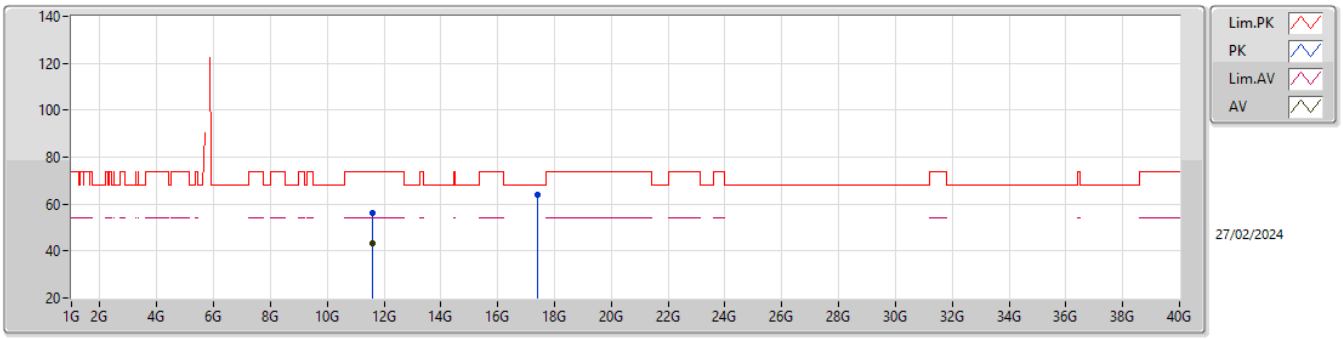


EUT Z_1TX
Setting 79
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59104G	55.93	74.00	-18.07	42.29	3	Vertical	295	1.59	-	38.80	9.52	34.68
AV	11.58957G	43.25	54.00	-10.75	29.61	3	Vertical	295	1.59	-	38.80	9.52	34.68
PK	17.3859G	63.74	68.20	-4.46	44.44	3	Vertical	343	2.08	-	41.84	12.57	35.11

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5795MHz_TX

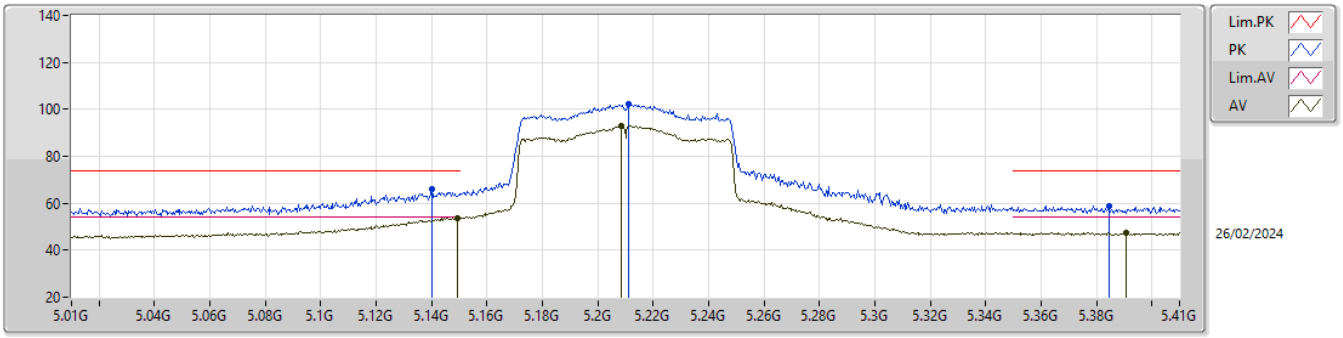


EUT Z_1TX
Setting 79
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58622G	56.11	74.00	-17.89	42.47	3	Horizontal	272	2.94	-	38.80	9.52	34.68
AV	11.57692G	43.19	54.00	-10.81	29.56	3	Horizontal	272	2.94	-	38.80	9.51	34.68
PK	17.38519G	63.93	68.20	-4.27	44.63	3	Horizontal	67	2.58	-	41.84	12.57	35.11

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX

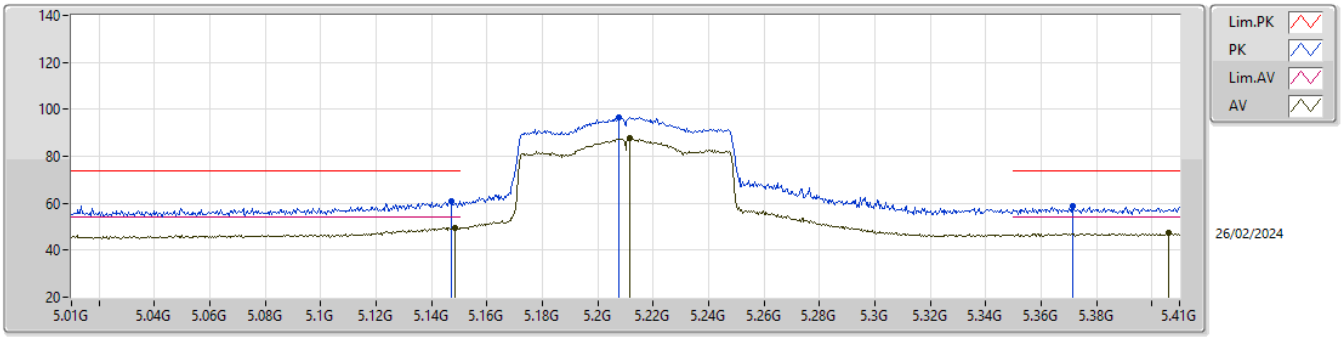


EUT X_1TX
Setting 55
04-C-Y-1-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.14G	65.78	74.00	-8.22	60.57	3	Vertical	156	2.85	-	32.58	5.89	33.26
AV	5.1492G	53.87	54.00	-0.13	48.63	3	Vertical	156	2.85	-	32.60	5.90	33.26
PK	5.2112G	102.11	Inf	-Inf	96.77	3	Vertical	156	2.85	-	32.70	5.93	33.29
AV	5.2084G	93.11	Inf	-Inf	87.77	3	Vertical	156	2.85	-	32.70	5.93	33.29
PK	5.3844G	58.65	74.00	-15.35	52.86	3	Vertical	156	2.85	-	33.04	6.10	33.35
AV	5.3908G	47.56	54.00	-6.44	41.74	3	Vertical	156	2.85	-	33.06	6.11	33.35

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX

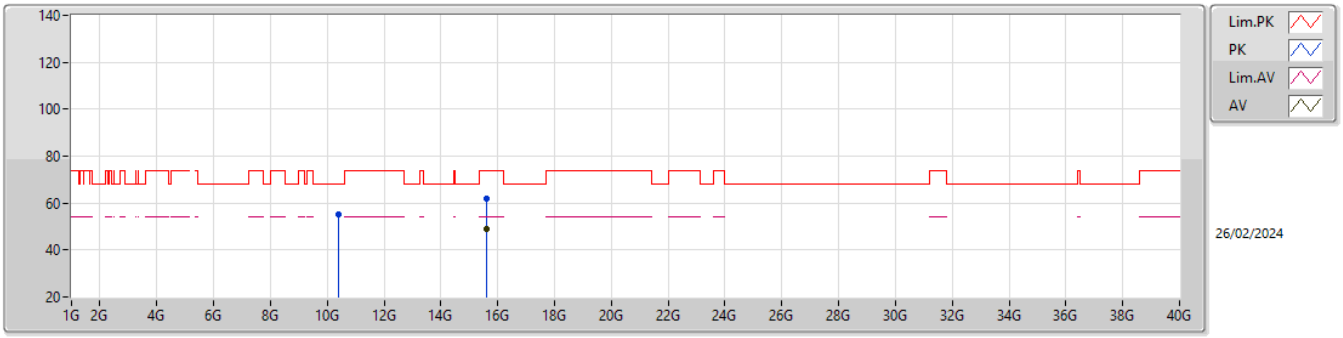


EUT X_1TX
Setting 55
04-C-Y-1-10

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	61.00	74.00	-13.00	55.77	3	Horizontal	140	1.39	-	32.59	5.90	33.26
AV	5.1484G	49.64	54.00	-4.36	44.40	3	Horizontal	140	1.39	-	32.60	5.90	33.26
PK	5.2076G	96.62	Inf	-Inf	91.27	3	Horizontal	140	1.39	-	32.70	5.93	33.28
AV	5.2116G	87.92	Inf	-Inf	82.58	3	Horizontal	140	1.39	-	32.70	5.93	33.29
PK	5.3716G	58.93	74.00	-15.07	53.19	3	Horizontal	140	1.39	-	32.99	6.09	33.34
AV	5.406G	47.37	54.00	-6.63	41.49	3	Horizontal	140	1.39	-	33.12	6.12	33.36

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX

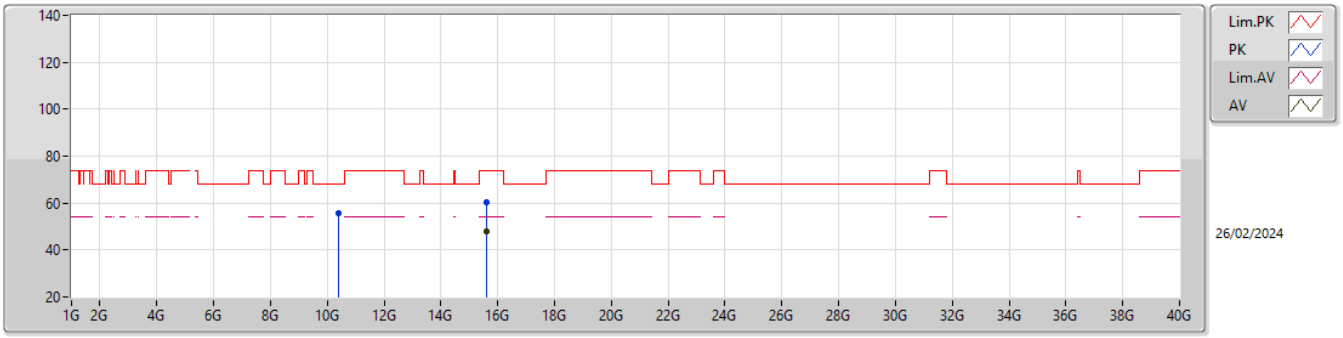


EUT Z_1TX
Setting 55
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41067G	55.06	68.20	-13.14	41.32	3	Vertical	90	1.80	-	38.60	8.92	33.78
PK	15.62235G	61.66	74.00	-12.34	47.23	3	Vertical	248	1.80	-	38.22	11.27	35.06
AV	15.61947G	48.79	54.00	-5.21	34.34	3	Vertical	248	1.80	-	38.24	11.27	35.06

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX

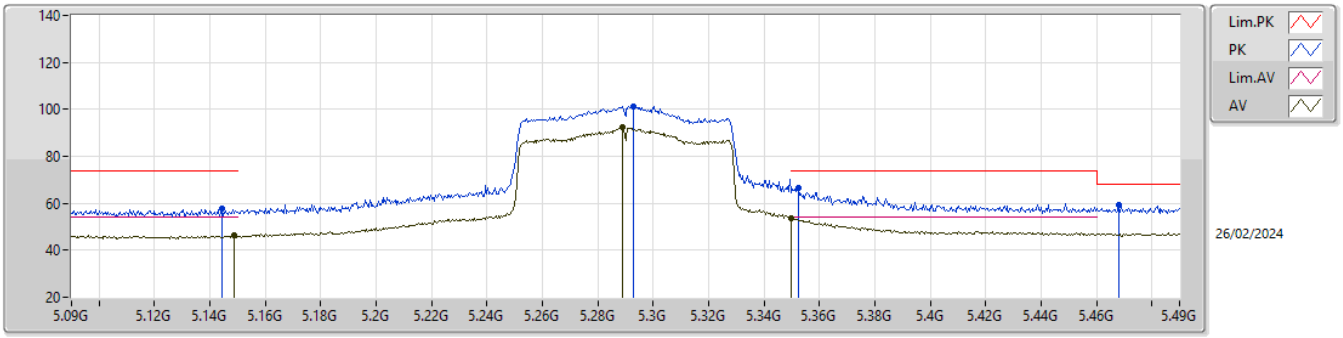


EUT Z_1TX
Setting 55
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41049G	55.53	68.20	-12.67	41.79	3	Horizontal	348	2.53	-	38.60	8.92	33.78
PK	15.62196G	60.56	74.00	-13.44	46.13	3	Horizontal	22	2.33	-	38.22	11.27	35.06
AV	15.62262G	48.16	54.00	-5.84	33.73	3	Horizontal	22	2.33	-	38.22	11.27	35.06

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX

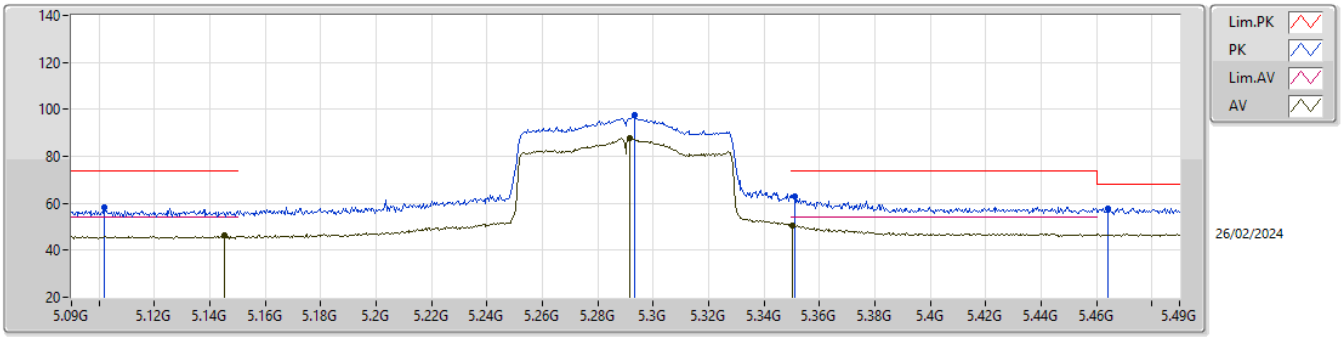


EUT X_1TX
Setting 52
04-C-Y-1-10

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	5.1444G	58.00	74.00	-16.00	52.78	3	Vertical	66	2.83	-	32.59	5.89	33.26
AV	5.1488G	46.31	54.00	-7.69	41.07	3	Vertical	66	2.83	-	32.60	5.90	33.26
PK	5.2928G	101.29	Inf	-Inf	95.81	3	Vertical	66	2.83	-	32.79	6.01	33.32
AV	5.2888G	92.24	Inf	-Inf	86.76	3	Vertical	66	2.83	-	32.78	6.01	33.31
PK	5.3524G	66.81	74.00	-7.19	61.17	3	Vertical	66	2.83	-	32.91	6.07	33.34
AV	5.35G	53.63	54.00	-0.37	48.00	3	Vertical	66	2.83	-	32.90	6.07	33.34
PK	5.468G	59.23	68.20	-8.97	53.05	3	Vertical	66	2.83	-	33.41	6.15	33.38

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX

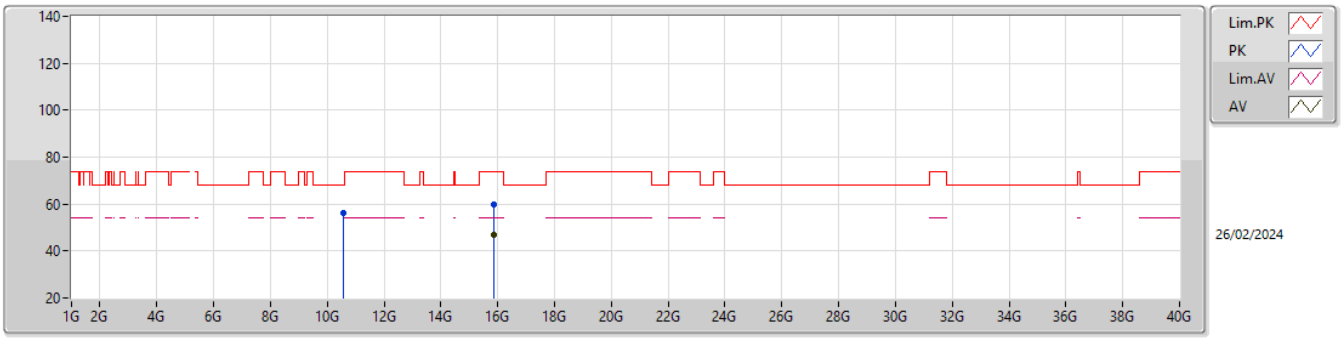


EUT X_1TX
Setting 52
04-C-Y-1-10

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	5.102G	58.46	74.00	-15.54	53.33	3	Horizontal	143	1.51	-	32.50	5.88	33.25
AV	5.1452G	46.27	54.00	-7.73	41.04	3	Horizontal	143	1.51	-	32.59	5.90	33.26
PK	5.2932G	97.64	Inf	-Inf	92.16	3	Horizontal	143	1.51	-	32.79	6.01	33.32
AV	5.2916G	87.88	Inf	-Inf	82.40	3	Horizontal	143	1.51	-	32.78	6.01	33.31
PK	5.3512G	62.79	74.00	-11.21	57.16	3	Horizontal	143	1.51	-	32.90	6.07	33.34
AV	5.3504G	50.44	54.00	-3.56	44.81	3	Horizontal	143	1.51	-	32.90	6.07	33.34
PK	5.464G	57.97	68.20	-10.23	51.82	3	Horizontal	143	1.51	-	33.38	6.15	33.38

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX

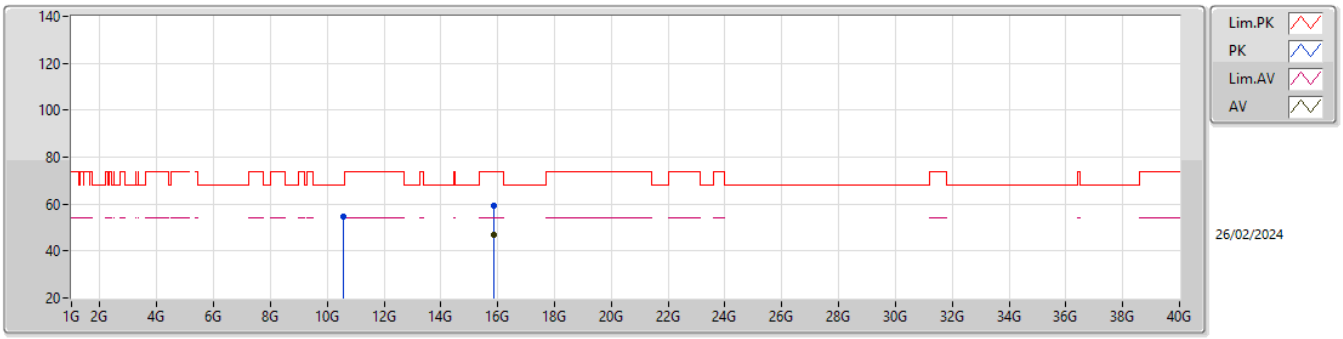


EUT Z_1TX
Setting 52
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.58618G	56.31	68.20	-11.89	42.35	3	Vertical	22	2.99	-	38.87	9.01	33.92
PK	15.8613G	59.57	74.00	-14.43	45.10	3	Vertical	269	1.76	-	38.12	11.38	35.03
AV	15.86505G	46.84	54.00	-7.16	32.35	3	Vertical	269	1.76	-	38.13	11.39	35.03

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX

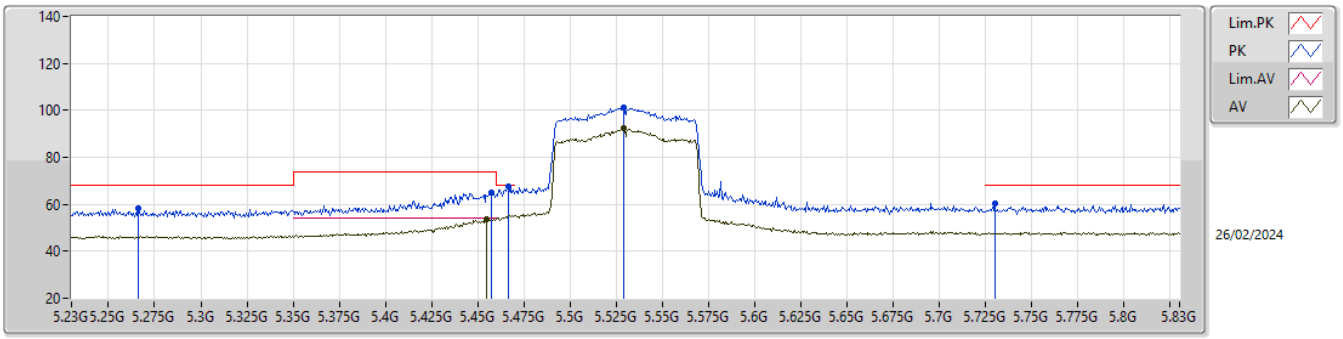


EUT Z_1TX
Setting 52
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.56884G	54.53	68.20	-13.67	40.59	3	Horizontal	304	2.99	-	38.84	9.00	33.90
PK	15.86292G	59.07	74.00	-14.93	44.59	3	Horizontal	322	1.73	-	38.13	11.38	35.03
AV	15.85623G	46.79	54.00	-7.21	32.33	3	Horizontal	322	1.73	-	38.11	11.38	35.03

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX

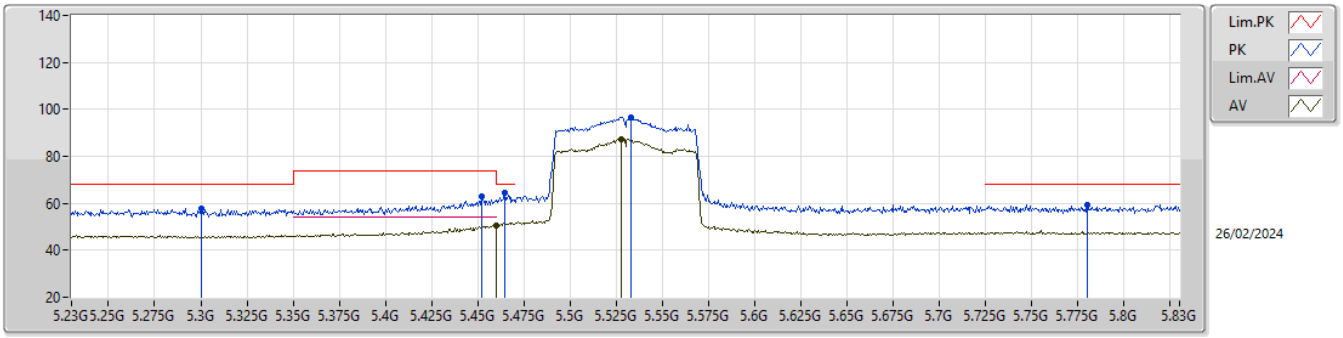


EUT X_1TX
Setting 50
04-C-Y-1-10

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	5.266G	58.23	68.20	-9.97	52.82	3	Vertical	177	2.03	-	32.73	5.99	33.31
PK	5.4574G	64.75	74.00	-9.25	58.63	3	Vertical	177	2.03	-	33.34	6.15	33.37
AV	5.455G	53.86	54.00	-0.14	47.75	3	Vertical	177	2.03	-	33.33	6.15	33.37
PK	5.4664G	67.66	68.20	-0.54	61.49	3	Vertical	177	2.03	-	33.40	6.15	33.38
PK	5.5288G	101.00	Inf	-Inf	94.56	3	Vertical	177	2.03	-	33.66	6.18	33.40
AV	5.5288G	92.21	Inf	-Inf	85.77	3	Vertical	177	2.03	-	33.66	6.18	33.40
PK	5.7298G	60.28	68.20	-7.92	53.60	3	Vertical	177	2.03	-	33.92	6.21	33.45

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX

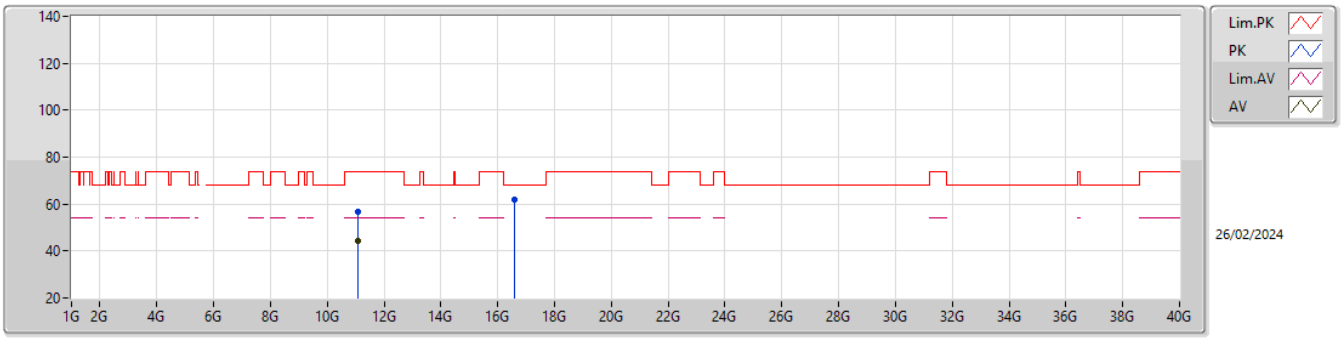


EUT X_1TX
Setting 50
04-C-Y-1-10

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	5.3002G	57.68	68.20	-10.52	52.18	3	Horizontal	137	1.34	-	32.80	6.02	33.32
PK	5.452G	62.72	74.00	-11.28	56.63	3	Horizontal	137	1.34	-	33.31	6.15	33.37
PK	5.4646G	64.48	68.20	-3.72	58.32	3	Horizontal	137	1.34	-	33.39	6.15	33.38
AV	5.4598G	50.75	54.00	-3.25	44.62	3	Horizontal	137	1.34	-	33.36	6.15	33.38
PK	5.533G	96.81	Inf	-Inf	90.35	3	Horizontal	137	1.34	-	33.67	6.19	33.40
AV	5.5276G	87.47	Inf	-Inf	81.03	3	Horizontal	137	1.34	-	33.66	6.18	33.40
PK	5.7802G	59.42	68.20	-8.78	52.57	3	Horizontal	137	1.34	-	34.12	6.20	33.47

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX

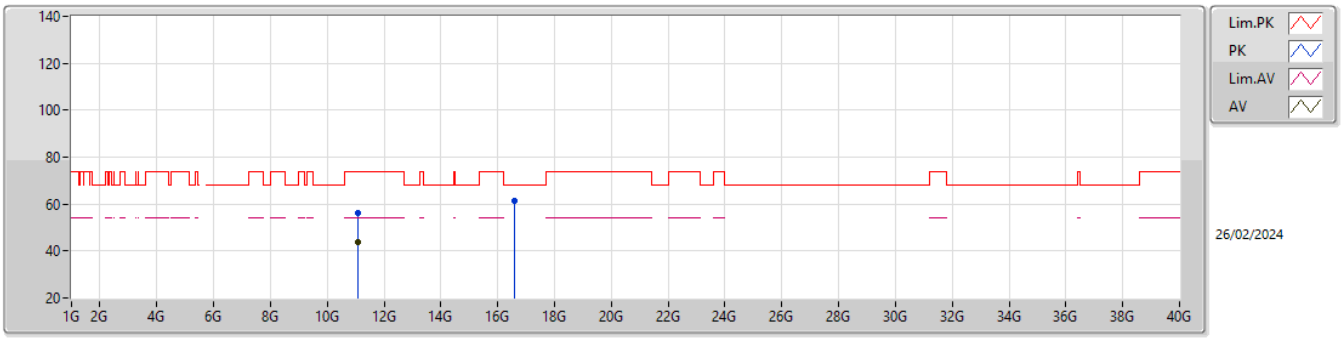


EUT Z_1TX
Setting 50
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.06057G	56.49	74.00	-17.51	42.77	3	Vertical	73	1.80	-	38.80	9.25	34.33
AV	11.06522G	44.09	54.00	-9.91	30.38	3	Vertical	73	1.80	-	38.80	9.25	34.34
PK	16.5786G	61.73	68.20	-6.47	45.40	3	Vertical	341	1.80	-	39.34	11.92	34.93

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX

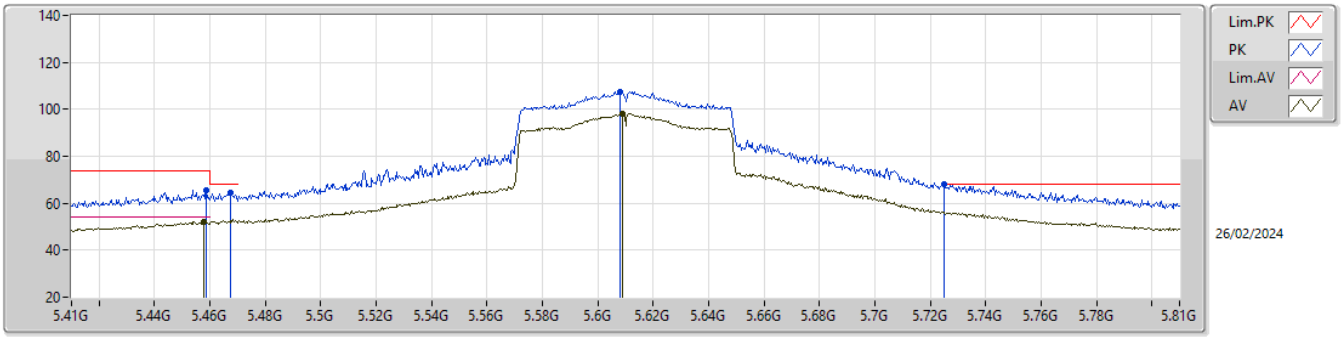


EUT Z_1TX
Setting 50
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.06045G	56.22	74.00	-17.78	42.50	3	Horizontal	209	1.41	-	38.80	9.25	34.33
AV	11.06801G	43.80	54.00	-10.20	30.09	3	Horizontal	209	1.41	-	38.80	9.25	34.34
PK	16.59585G	61.16	68.20	-7.04	44.86	3	Horizontal	347	1.19	-	39.31	11.93	34.94

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5610MHz_TX

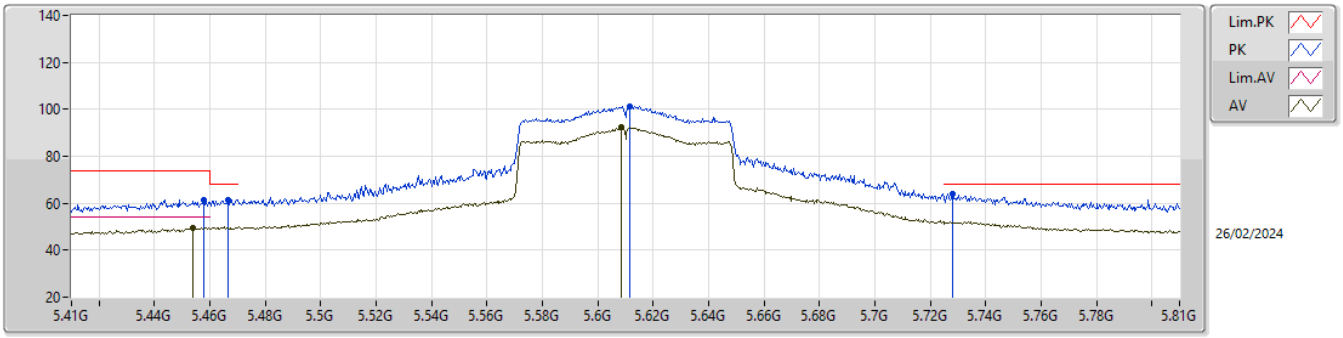


EUT X_1TX
Setting 71
04-C-Y-1-10

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	5.4588G	65.59	74.00	-8.41	59.47	3	Vertical	175	2.04	-	33.35	6.15	33.38
AV	5.4576G	52.04	54.00	-1.96	45.91	3	Vertical	175	2.04	-	33.35	6.15	33.37
PK	5.4672G	64.73	68.20	-3.47	58.56	3	Vertical	175	2.04	-	33.40	6.15	33.38
PK	5.608G	107.67	Inf	-Inf	101.17	3	Vertical	175	2.04	-	33.70	6.22	33.42
AV	5.6088G	98.34	Inf	-Inf	91.84	3	Vertical	175	2.04	-	33.70	6.22	33.42
PK	5.7252G	68.12	68.20	-0.08	61.46	3	Vertical	175	2.04	-	33.90	6.21	33.45

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5610MHz_TX

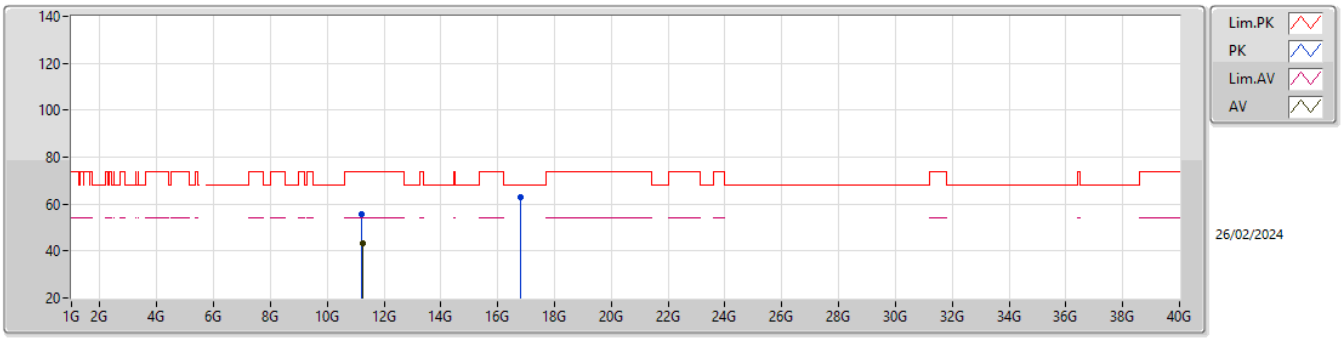


EUT X_1TX
Setting 71
04-C-Y-1-10

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	5.4576G	61.51	74.00	-12.49	55.38	3	Horizontal	135	1.36	-	33.35	6.15	33.37
AV	5.454G	49.63	54.00	-4.37	43.53	3	Horizontal	135	1.36	-	33.32	6.15	33.37
PK	5.4664G	61.40	68.20	-6.80	55.23	3	Horizontal	135	1.36	-	33.40	6.15	33.38
PK	5.6116G	101.19	Inf	-Inf	94.69	3	Horizontal	135	1.36	-	33.70	6.22	33.42
AV	5.6084G	92.41	Inf	-Inf	85.91	3	Horizontal	135	1.36	-	33.70	6.22	33.42
PK	5.728G	64.08	68.20	-4.12	57.41	3	Horizontal	135	1.36	-	33.91	6.21	33.45

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5610MHz_TX

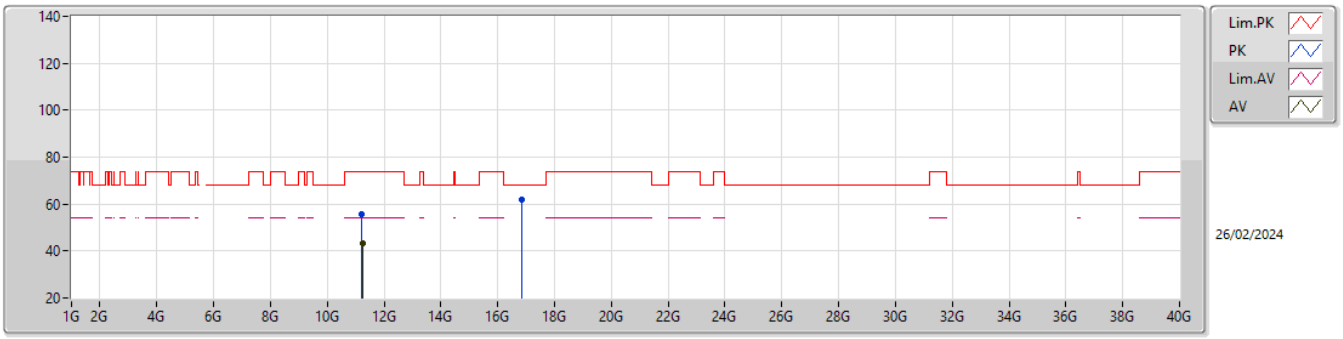


EUT Z_1TX
Setting 71
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.21148G	55.63	74.00	-18.37	42.14	3	Vertical	360	1.83	-	38.62	9.33	34.46
AV	11.23452G	43.49	54.00	-10.51	29.96	3	Vertical	360	1.83	-	38.67	9.34	34.48
PK	16.82619G	63.05	68.20	-5.15	45.83	3	Vertical	330	1.34	-	40.10	12.12	35.00

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5610MHz_TX

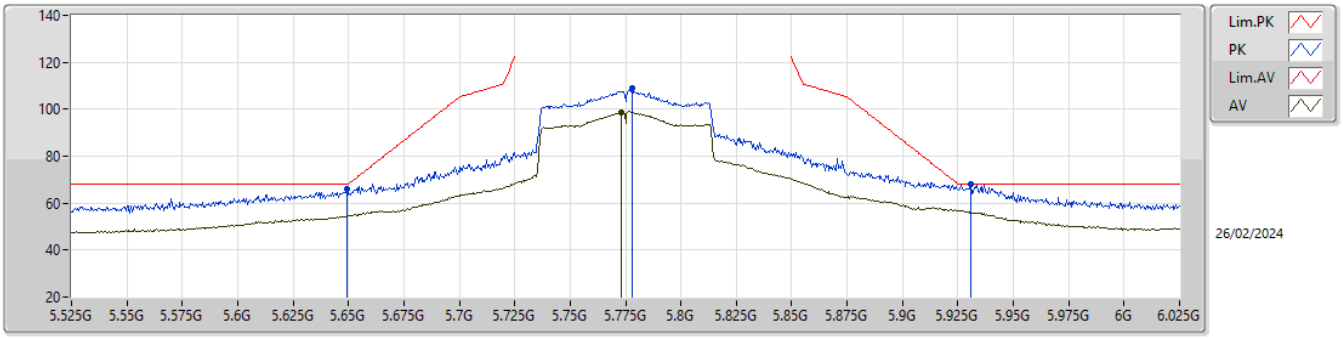


EUT Z_1TX
Setting 71
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.22801G	55.75	74.00	-18.25	42.23	3	Horizontal	311	1.27	-	38.66	9.34	34.48
AV	11.23362G	43.30	54.00	-10.70	29.77	3	Horizontal	311	1.27	-	38.67	9.34	34.48
PK	16.83156G	61.76	68.20	-6.44	44.51	3	Horizontal	221	1.44	-	40.13	12.12	35.00

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX

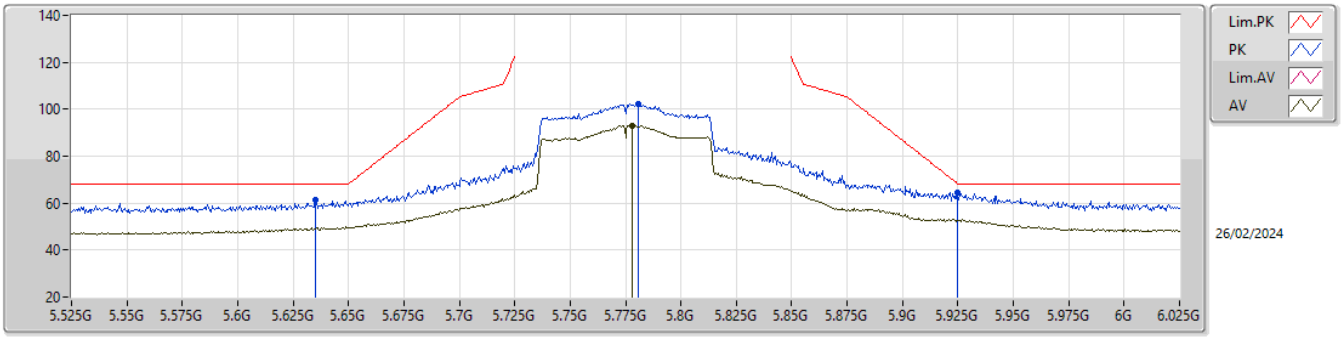


EUT X_1TX
Setting 74
04-C-Y-1-10

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	5.6495G	65.92	68.20	-2.28	59.43	3	Vertical	170	2.03	-	33.70	6.22	33.43
PK	5.778G	108.81	Inf	-Inf	101.97	3	Vertical	170	2.03	-	34.11	6.20	33.47
AV	5.773G	98.84	Inf	-Inf	92.02	3	Vertical	170	2.03	-	34.09	6.20	33.47
PK	5.931G	67.89	68.20	-0.31	60.19	3	Vertical	170	2.03	-	34.89	6.32	33.51

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX

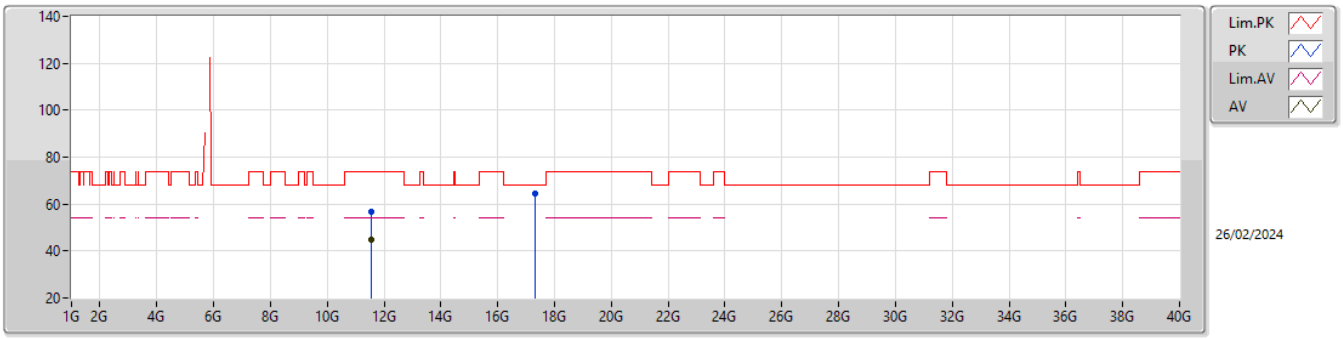


EUT X_1TX
Setting 74
04-C-Y-1-10

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	5.635G	61.42	68.20	-6.78	54.93	3	Horizontal	131	1.25	-	33.70	6.22	33.43
PK	5.781G	102.30	Inf	-Inf	95.45	3	Horizontal	131	1.25	-	34.12	6.20	33.47
AV	5.778G	92.96	Inf	-Inf	86.12	3	Horizontal	131	1.25	-	34.11	6.20	33.47
PK	5.925G	64.29	68.20	-3.91	56.64	3	Horizontal	131	1.25	-	34.85	6.31	33.51

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX

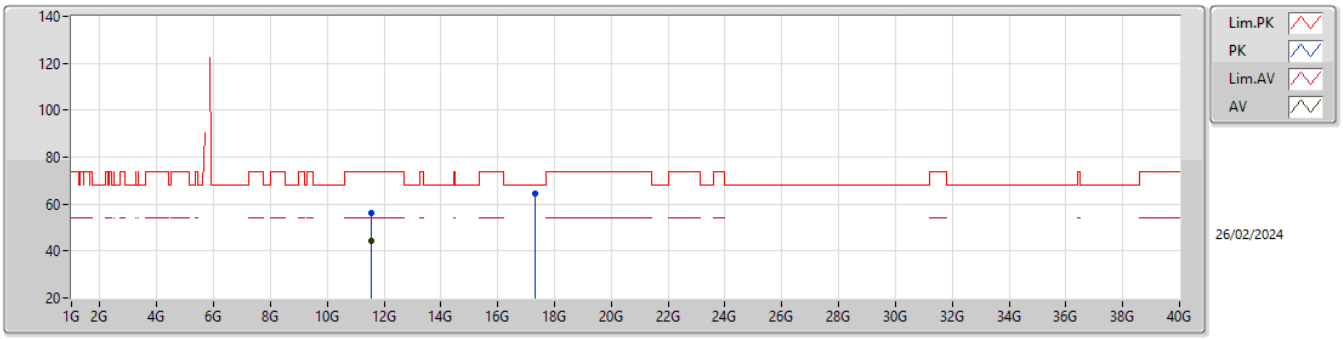


EUT Z_1TX
Setting 74
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54952G	56.90	74.00	-17.10	43.29	3	Vertical	207	1.80	-	38.80	9.50	34.69
AV	11.56119G	44.70	54.00	-9.30	31.08	3	Vertical	207	1.80	-	38.80	9.51	34.69
PK	17.32875G	64.48	68.20	-3.72	45.40	3	Vertical	360	1.80	-	41.66	12.52	35.10

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX



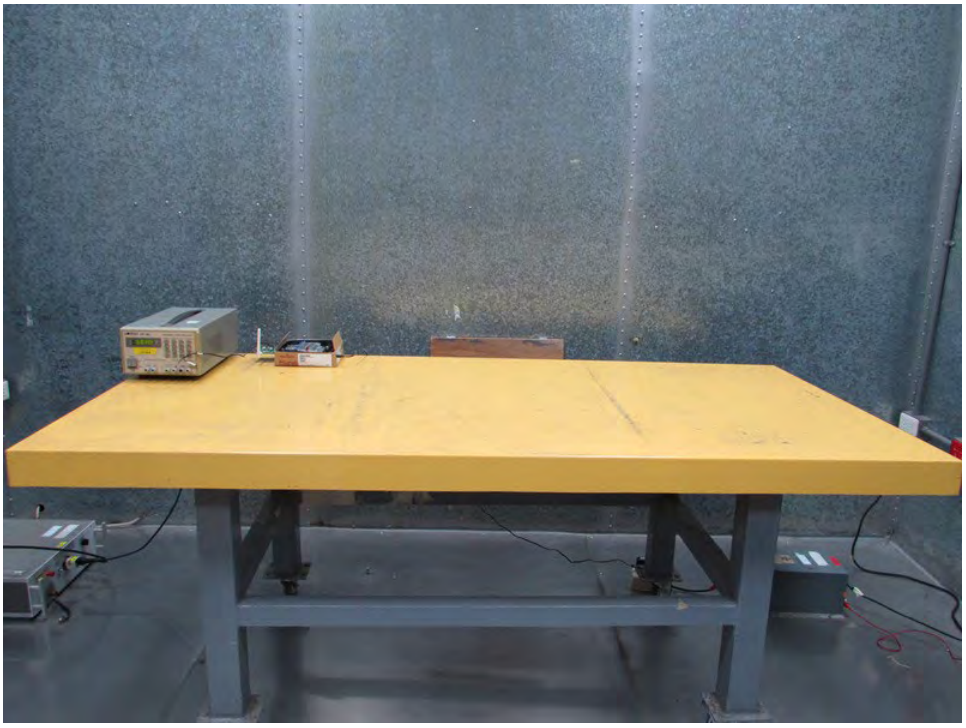
EUT Z_1TX
Setting 74
04-C-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55258G	56.38	74.00	-17.62	42.77	3	Horizontal	360	1.96	-	38.80	9.50	34.69
AV	11.55006G	44.20	54.00	-9.80	30.59	3	Horizontal	360	1.96	-	38.80	9.50	34.69
PK	17.32254G	64.33	68.20	-3.87	45.27	3	Horizontal	273	1.12	-	41.65	12.51	35.10

1. Photographs of Conducted Emissions Test Configuration

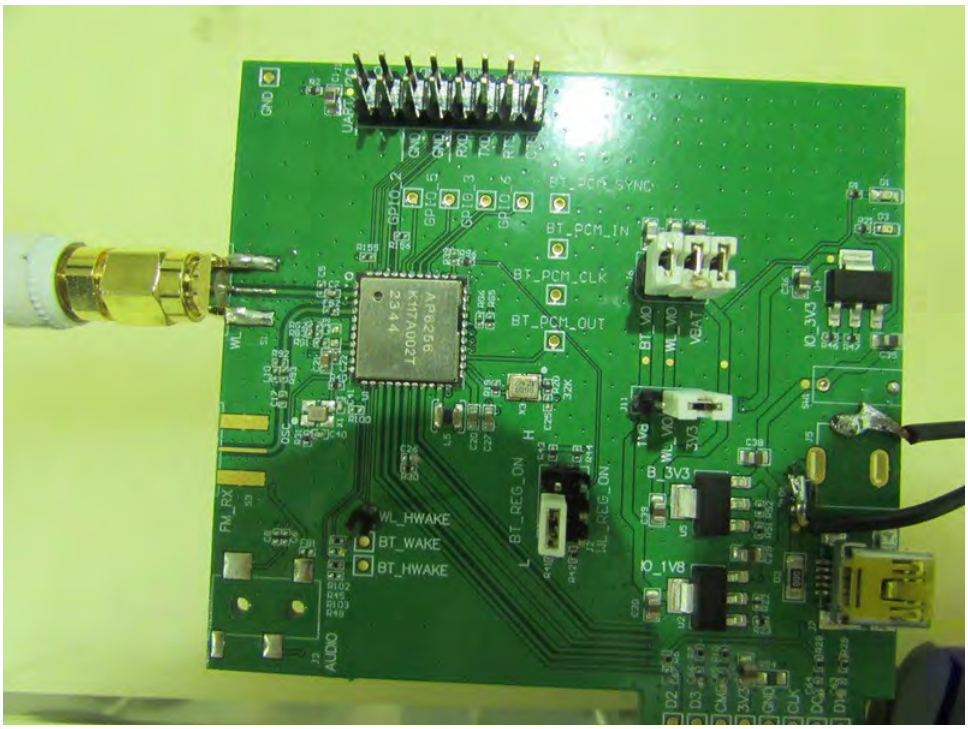
Test mode: Mode 2

FRONT VIEW



REAR VIEW

CLOSE-UP VIEW



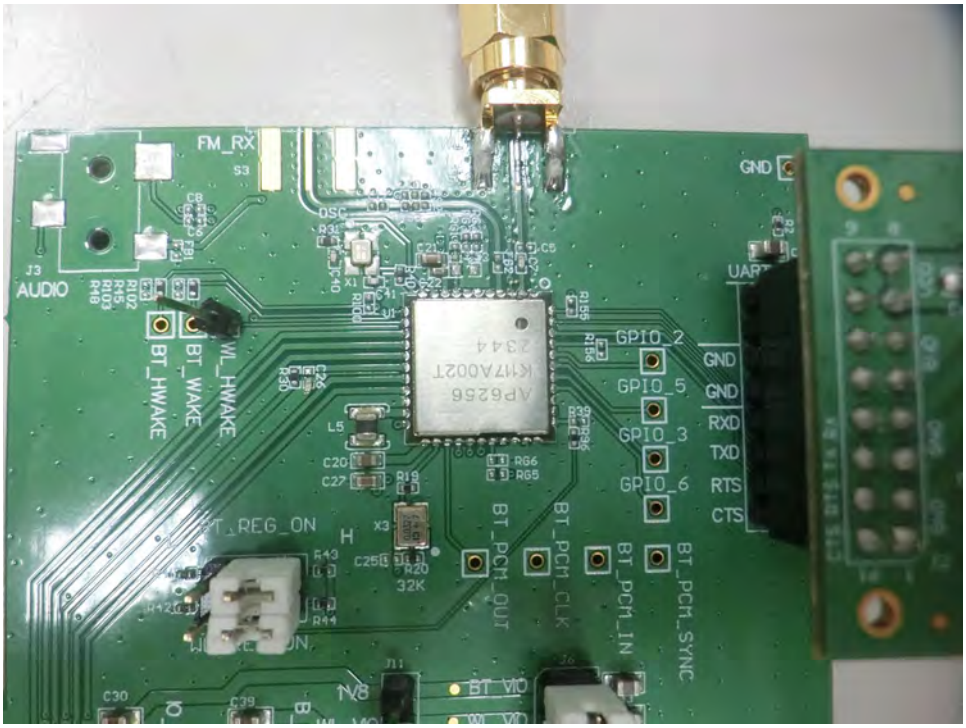
2. Photographs of Radiated Emissions Test Configuration

Test Configuration: 30MHz~1GHz / Test mode: Mode 2

FRONT VIEW

REAR VIEW

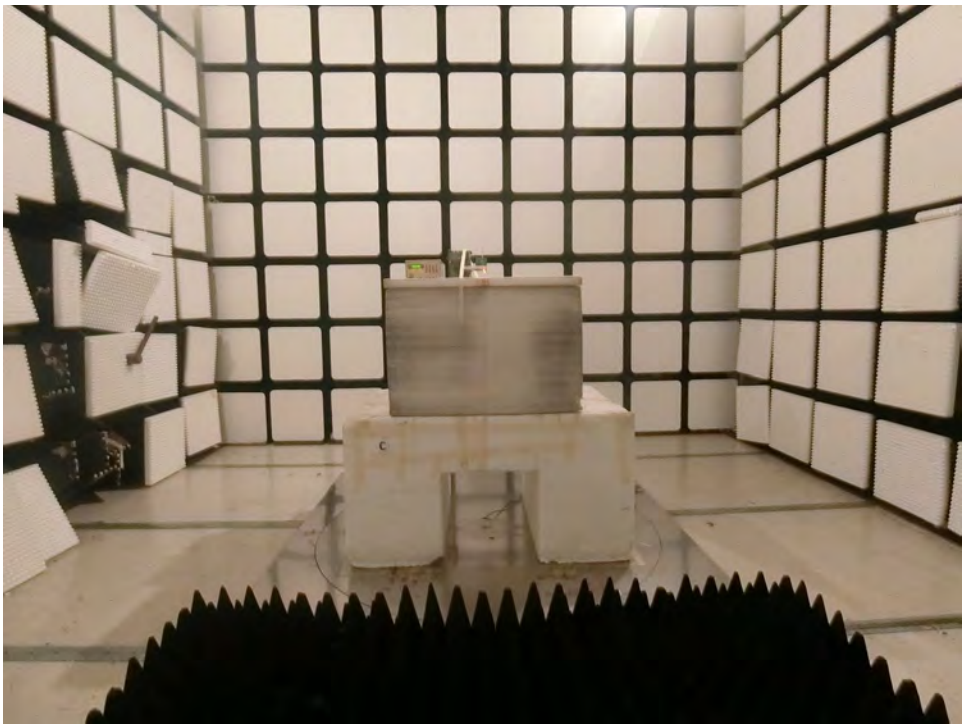
CLOSE-UP VIEW



Test Configuration: Above 1GHz

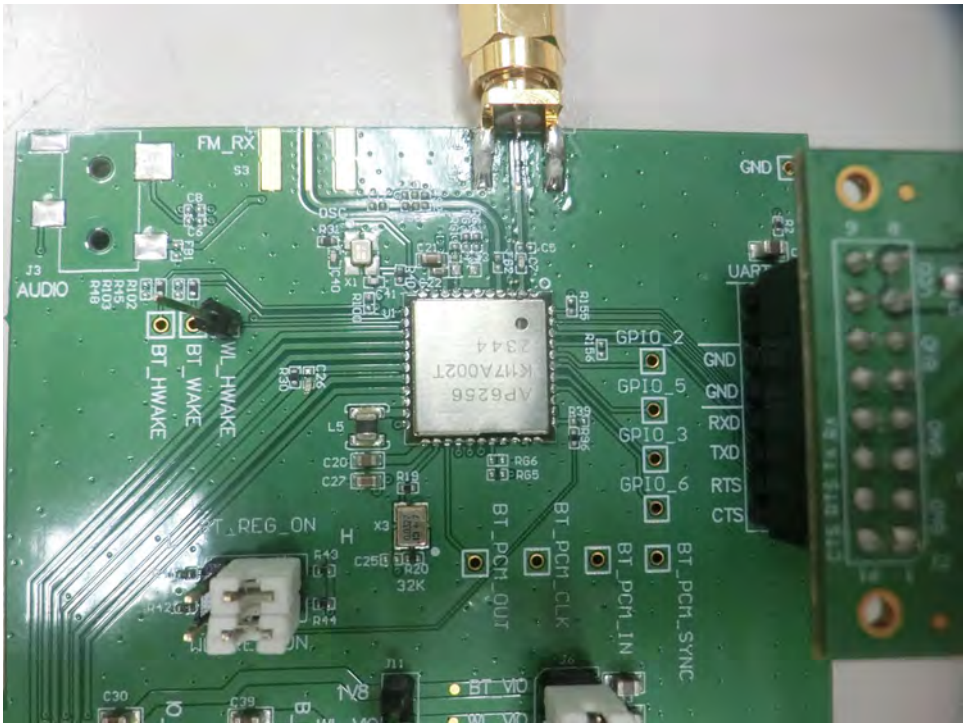
EUT in X axis

FRONT VIEW



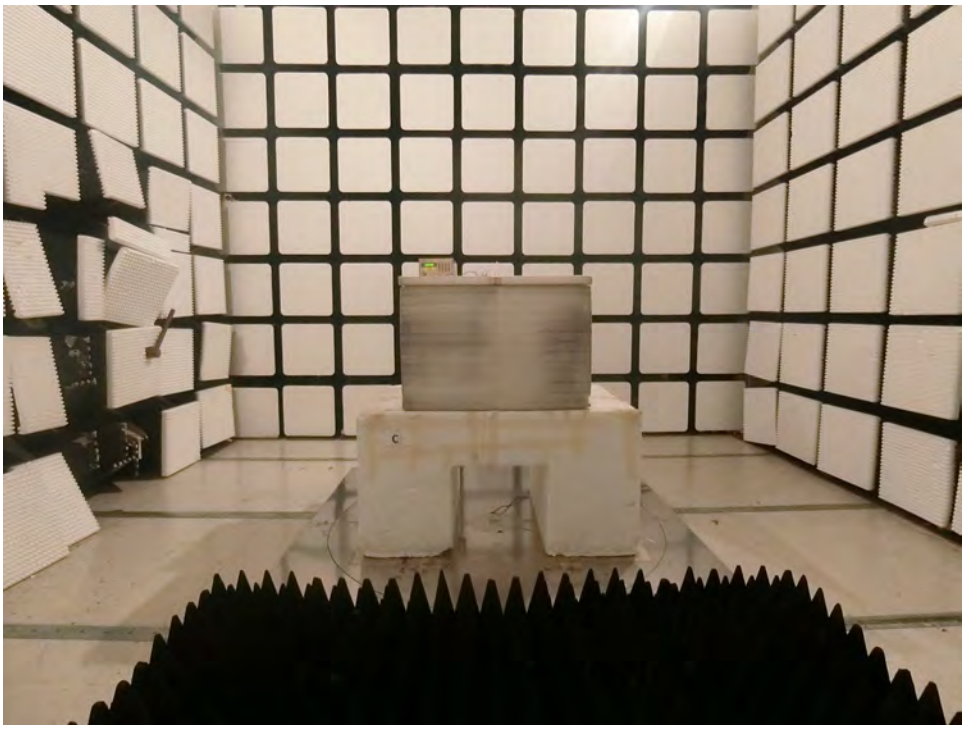
REAR VIEW

CLOSE-UP VIEW



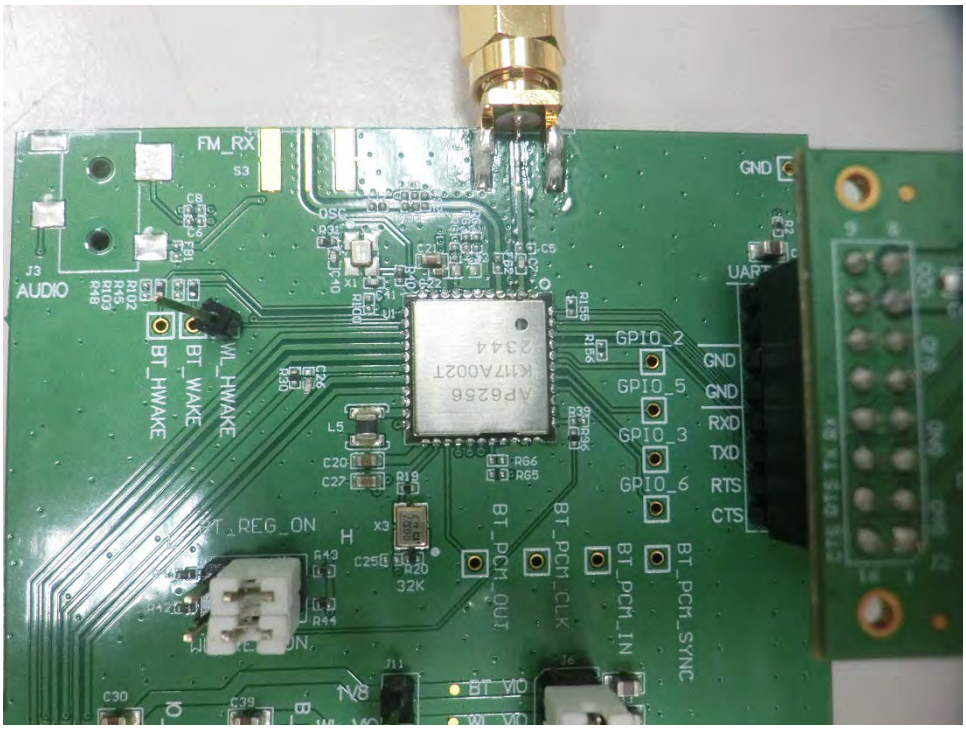
EUT in Z axis

FRONT VIEW



REAR VIEW

CLOSE-UP VIEW



———THE END———