Testing Laboratory
3787

RADIO TEST REPORT

FCC ID	:	**WR932181716523**
Equipment	:	**Video doorbell**
Brand Name	:	**ecobee**
Model Name	:	**EB-CAMSDB-01**
Applicant	:	**Ecobee Incorporated** **25, Dockside Drive Suite 700, Toronto, Canada, M5A0B5**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Jul. 10, 2023, and testing was started from Jul. 21, 2023 and completed on Aug. 07, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR361614AB	01	Initial issue of report	Aug. 31, 2023

Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
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
5.725-5.85GHz	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)
	WLAN / Bluetooth	Thread	Sub-G					
1	1	-	-	PSA	RFMTA160900NNLB001	PIFA	N/A	Note 1
2	-	1	-	PSA	RFPCA361205IMAB401	PIFA	I-PEX	
3	-	-	1	PSA	RFMTA341100NNUB001	PIFA	N/A	

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
4	Socionext	SC1233AR3	Chip	N/A	2

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN		Bluetooth	Thread	Sub-G
	2.4GHz	5GHz			
1	2.81	4.99	2.81	-	-
2	-	-	-	3.00	-
3	-	-	-	-	1.66

Note 2: The above information was declared by manufacturer.

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

For IEEE 802.11 b/g/n (TX/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.

For Thread function (1TX/1RX):

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

For Sub-G function (1TX/1RX):

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

For 24GHz function (1TX/2RX):

Only Ant. 4 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	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.95	0.22	1.934m	1k
802.11ac VHT40	0.91	0.41	953.75u	3k
802.11ac VHT80	0.819	0.87	461.25u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system (16~24 Vac)			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☐	Indoor P2M
	☐	Fixed P2P	☒	Client
	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Tera Tern Ver:4.75			

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	TH01-CB	Jay Lo	23.1~24.5 / 68~72	Jul. 31, 2023~ Aug. 04, 2023
Radiated < 1GHz	03CH05-CB	George Fan	22.9~23.6 / 60~63	Jul. 31, 2023~ Aug. 03, 2023
Radiated > 1GHz	03CH06-CB	George Fan	21.7~22.8 / 56~59	Jul. 21, 2023~ Jul. 26, 2023
AC Conduction	CO01-CB	Ryan Huang	22~23 / 56~57	Aug. 07, 2023

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	18
5200MHz	23
5240MHz	21
5745MHz	23
5785MHz	23
5825MHz	23
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5180MHz	19
5200MHz	23
5240MHz	21
5745MHz	23
5785MHz	23
5825MHz	23
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5190MHz	14
5230MHz	20
5755MHz	23
5795MHz	23
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5210MHz	15
5775MHz	23

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	Normal Link
1	EUT_WLAN 2.4GHz + Thread + 24GHz radar
2	EUT_WLAN 5GHz + Thread + 24GHz radar
3	EUT_Bluetooth + Thread + 24GHz radar
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT_Bluetooth + Sub-G (Hopping mode) + 24GHz radar
5	EUT_Bluetooth + Sub-G (Hybrid mode) + 24GHz radar
For operating, mode 3 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis_WLAN 2.4GHz + Thread + 24GHz radar
2	EUT in Y axis_WLAN 5GHz + Thread + 24GHz radar
3	EUT in Y axis_Bluetooth + Thread + 24GHz radar
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT in Y axis_Bluetooth + Sub-G (Hopping mode) + 24GHz radar
5	EUT in Y axis_Bluetooth + Sub-G (Hybrid mode) + 24GHz radar
For operating, mode 3 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + Thread + 24GHz radar
2	WLAN 2.4GHz + Sub-G (Hopping mode) + 24GHz radar
3	WLAN 2.4GHz + Sub-G (Hybrid mode) + 24GHz radar
4	WLAN 5GHz + Thread + 24GHz radar
5	WLAN 5GHz + Sub-G (Hopping mode) + 24GHz radar
6	WLAN 5GHz + Sub-G (Hybrid mode) + 24GHz radar
7	Bluetooth + Thread + 24GHz radar
8	Bluetooth + Sub-G (Hopping mode) + 24GHz radar
9	Bluetooth + Sub-G (Hybrid mode) + 24GHz radar
Refer to Sporton Test Report No.: FA361614 for Co-location RF Exposure Evaluation.	

Note: The adapter was for measurement only and would not be marketed. Its information is shown as below:

Equipment	Brand Name	Model Name
Power adapter	AMIGO	CT-5723-03

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
CHIME adapter*1: Non-shielded, 0.2m
Backplate*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Power adapter	AMIGO	CT-5723-03	N/A
B	Test fixture	NEWHOUSE	CHM1	N/A
C	NB	DELL	PP13S	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Power adapter	AMIGO	CT-5723-03	N/A
B	Test fixture	NEWHOUSE	CHM1	N/A
C	NB	DELL	PP13S	N/A

For Radiated (above 1GHz):

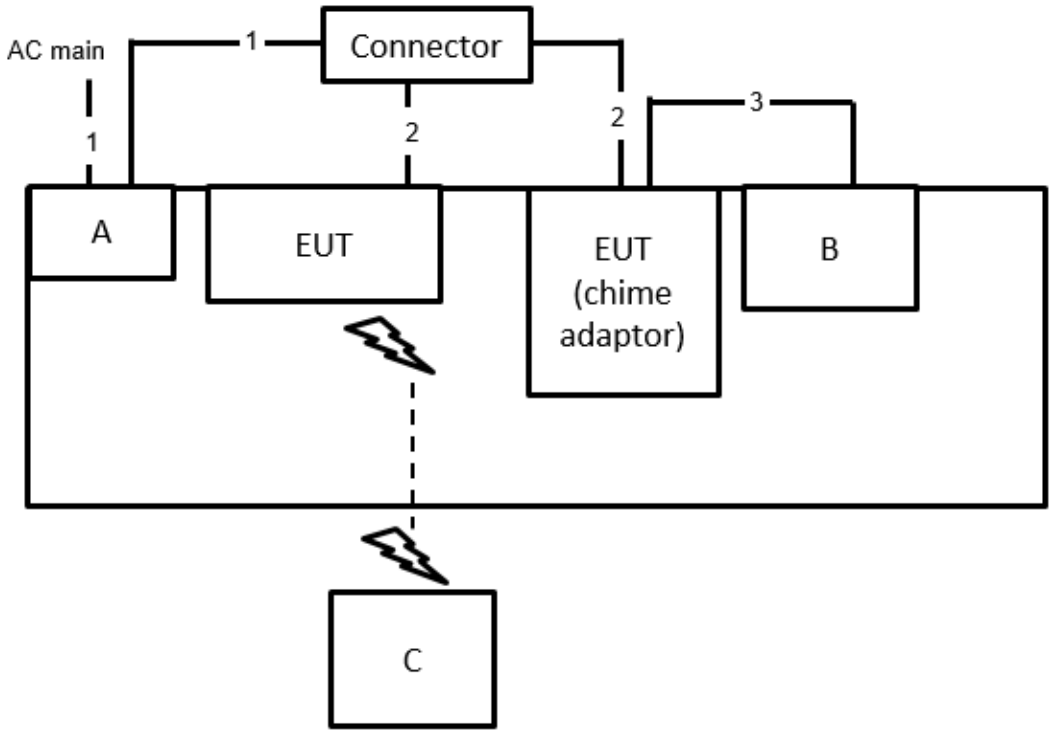
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	ALPHA	1EBRC21T..A2G	N/A
C	Power adapter	AMIGO	CT-5723-03	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	ALPHA	1EBRC21T..A2G	N/A
C	Power adapter	AMIGO	CT-5723-03	N/A

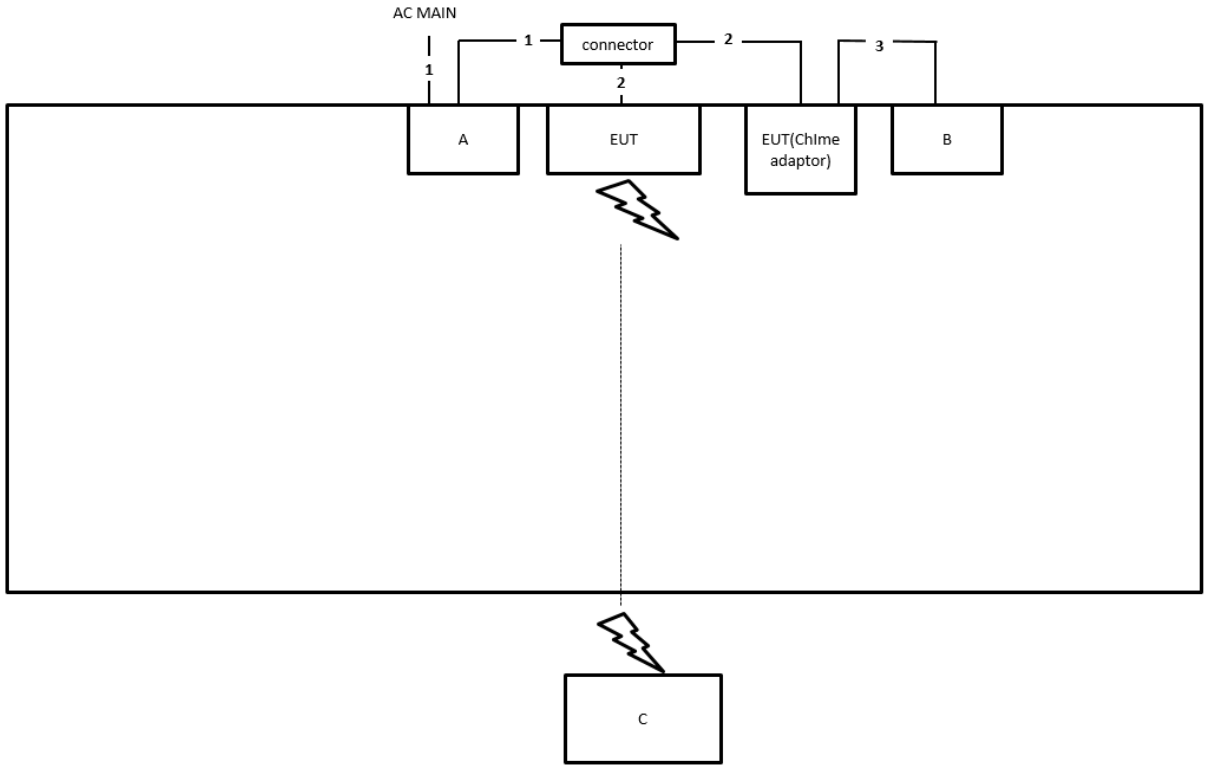
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



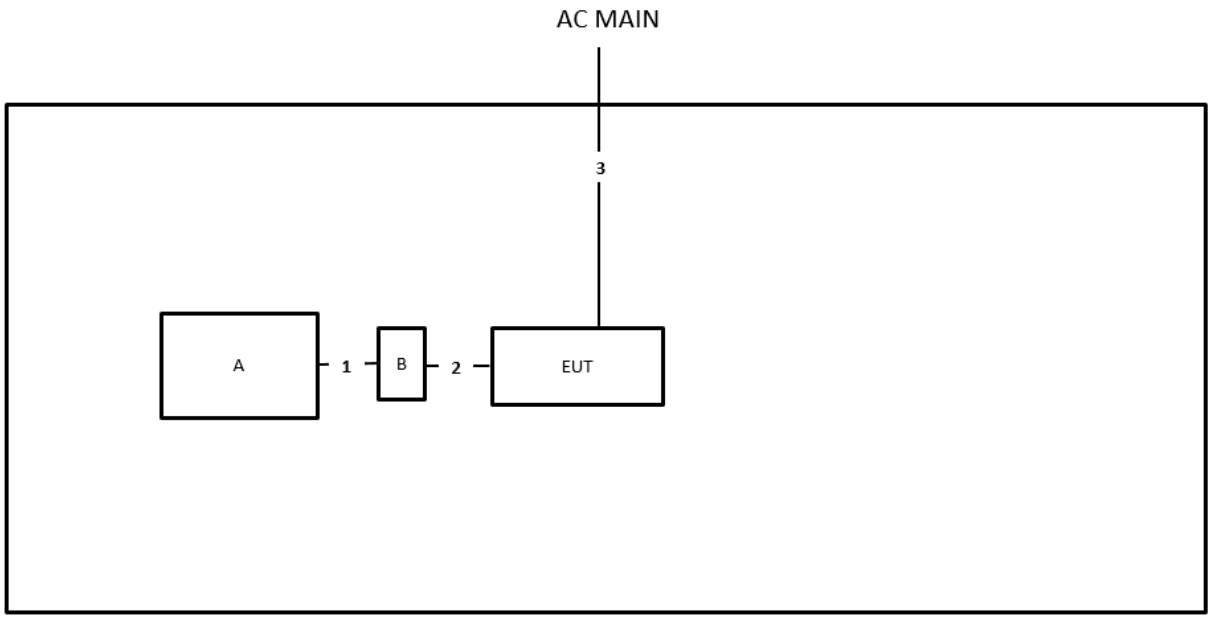
Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	Power cable	No	1.4m
3	Power cable	No	0.2m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	Power cable	No	1.4m
3	Power cable	No	0.2m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	USB cable	No	0.5m
2	PIN cable	No	0.15m
3	Power cable	No	2.6m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

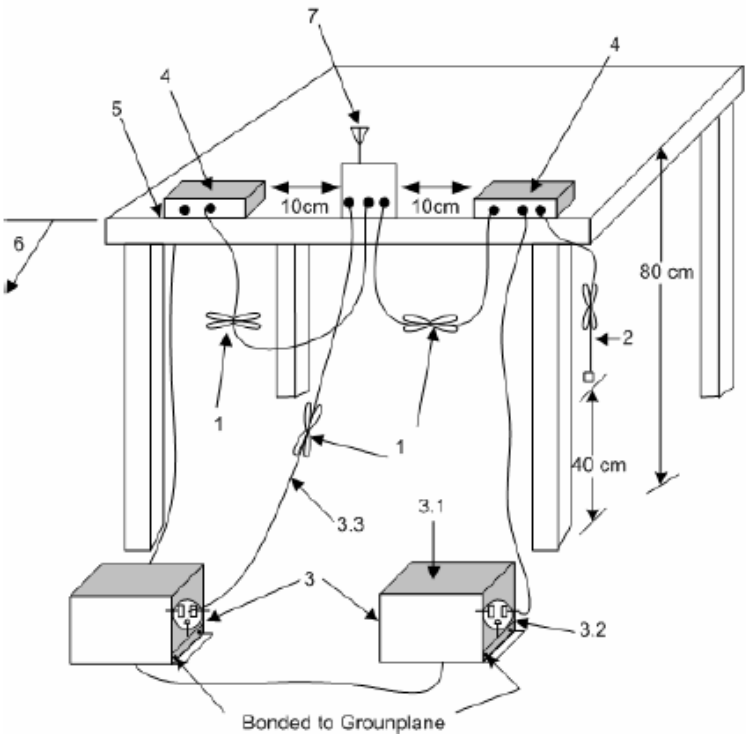
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

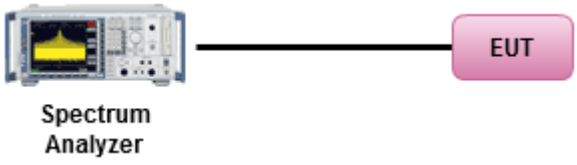
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Conducted Measurement (Power Meter)

3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

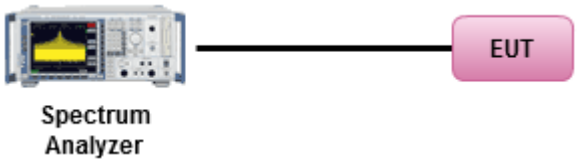
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

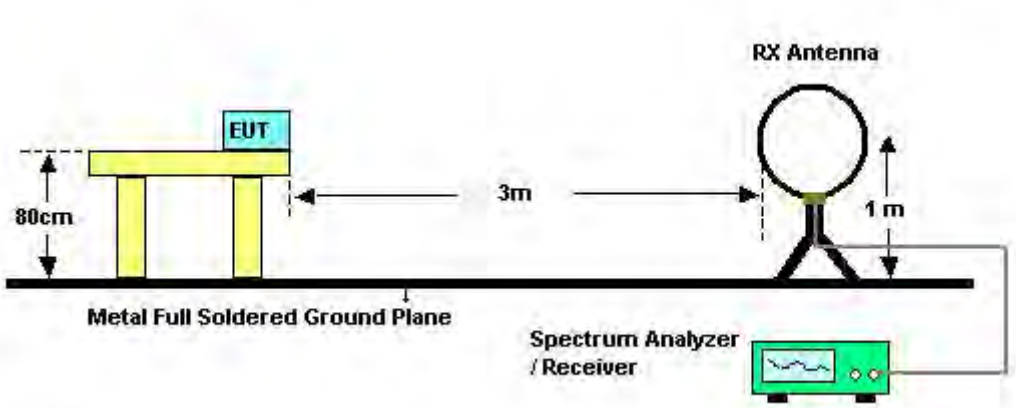
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.

Test Method
▪ For radiated measurement.
▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

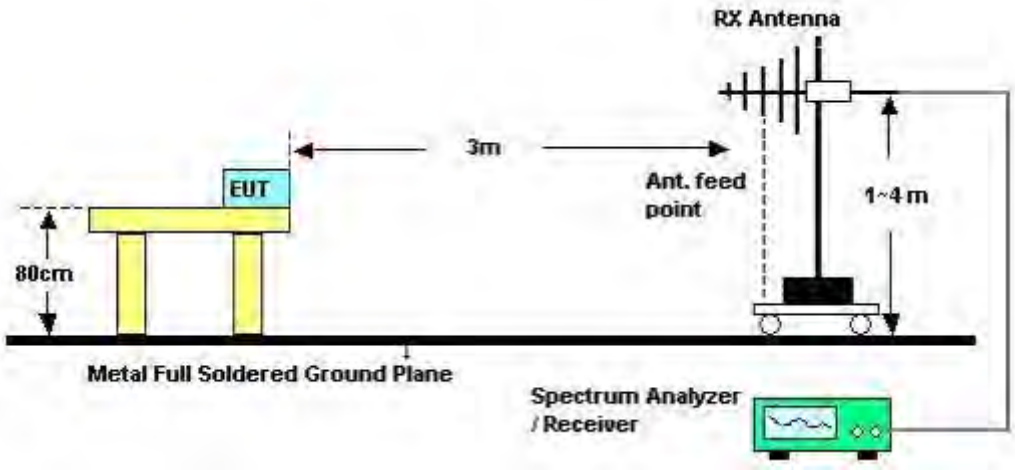
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

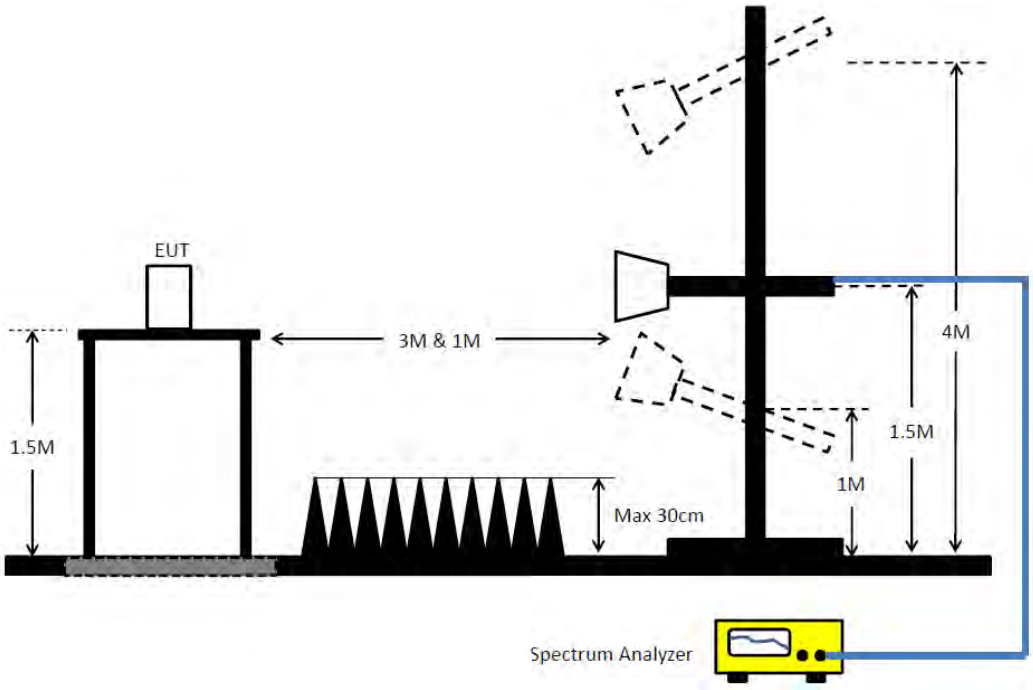
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 20, 2023	Feb. 19, 2024	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 16, 2023	Feb. 15, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 09, 2023	Feb. 08, 2024	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Sep. 30, 2022	Sep. 29, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 02, 2022	Aug. 01, 2023	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 21, 2022	Dec. 20, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-68	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Dec. 21, 2022	Dec. 20, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

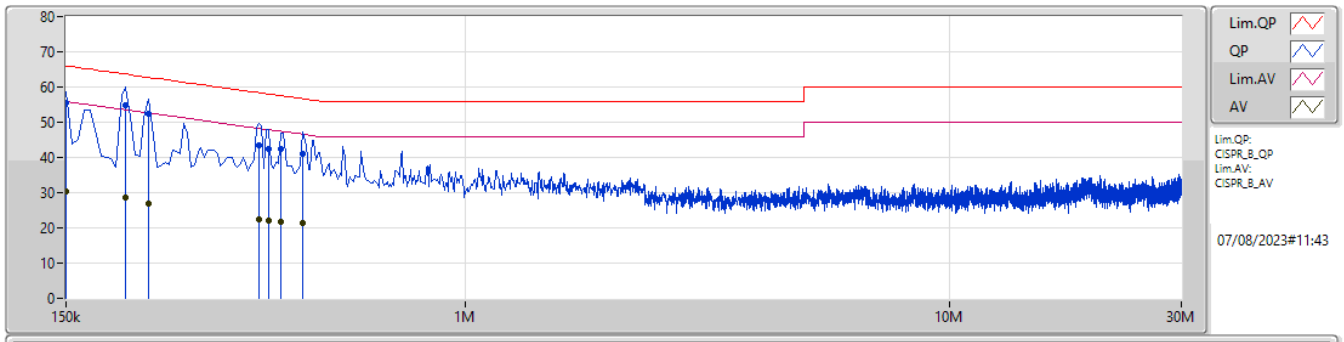
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

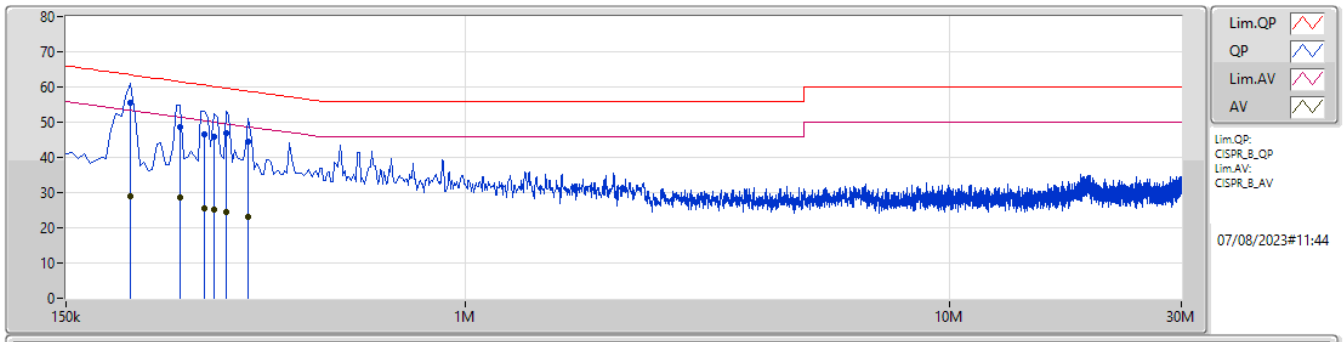
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	204k	55.40	63.44	-8.04	Neutral

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	55.50	66.00	-10.50	10.00	Line	-	45.50	0.09	0.04	9.87
AV	150k	30.50	56.00	-25.50	10.00	Line	-	20.50	0.09	0.04	9.87
QP	199.5k	54.88	63.63	-8.75	9.98	Line	"Worst"	44.90	0.08	0.04	9.86
AV	199.5k	28.72	53.63	-24.91	9.98	Line	-	18.74	0.08	0.04	9.86
QP	222k	52.57	62.75	-10.18	9.99	Line	-	42.58	0.08	0.04	9.87
AV	222k	27.05	52.75	-25.70	9.99	Line	-	17.06	0.08	0.04	9.87
QP	375k	43.56	58.39	-14.83	10.05	Line	-	33.51	0.09	0.06	9.90
AV	375k	22.51	48.39	-25.88	10.05	Line	-	12.46	0.09	0.06	9.90
QP	393k	42.37	58.01	-15.64	10.05	Line	-	32.32	0.09	0.06	9.90
AV	393k	22.10	48.01	-25.91	10.05	Line	-	12.05	0.09	0.06	9.90
QP	415.5k	42.57	57.53	-14.96	10.05	Line	-	32.52	0.09	0.06	9.90
AV	415.5k	21.79	47.53	-25.74	10.05	Line	-	11.74	0.09	0.06	9.90
QP	460.5k	40.87	56.69	-15.82	10.05	Line	-	30.82	0.09	0.06	9.90
AV	460.5k	21.27	46.69	-25.42	10.05	Line	-	11.22	0.09	0.06	9.90

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	204k	55.40	63.44	-8.04	9.97	Neutral	"Worst"	45.43	0.07	0.04	9.86
AV	204k	28.84	53.44	-24.60	9.97	Neutral	-	18.87	0.07	0.04	9.86
QP	258k	48.66	61.49	-12.83	9.99	Neutral	-	38.67	0.07	0.05	9.87
AV	258k	28.65	51.49	-22.84	9.99	Neutral	-	18.66	0.07	0.05	9.87
QP	289.5k	46.55	60.53	-13.98	10.00	Neutral	-	36.55	0.07	0.05	9.88
AV	289.5k	25.63	50.53	-24.90	10.00	Neutral	-	15.63	0.07	0.05	9.88
QP	303k	46.02	60.17	-14.15	10.00	Neutral	-	36.02	0.07	0.05	9.88
AV	303k	25.29	50.17	-24.88	10.00	Neutral	-	15.29	0.07	0.05	9.88
QP	321k	47.03	59.67	-12.64	10.01	Neutral	-	37.02	0.07	0.05	9.89
AV	321k	24.59	49.67	-25.08	10.01	Neutral	-	14.58	0.07	0.05	9.89
QP	357k	44.47	58.79	-14.32	10.02	Neutral	-	34.45	0.07	0.06	9.89
AV	357k	22.95	48.79	-25.84	10.02	Neutral	-	12.93	0.07	0.06	9.89

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	39.875M	24.632M	24M6D1D	21.945M	16.575M
802.11ac VHT20_Nss1,(MCS0)_1TX	38.005M	25.121M	25M1D1D	22.66M	17.905M
802.11ac VHT40_Nss1,(MCS0)_1TX	60.06M	36.766M	36M8D1D	38.94M	36.13M
802.11ac VHT80_Nss1,(MCS0)_1TX	79.86M	75.058M	75M1D1D	79.86M	75.058M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.5M	22.622M	22M6D1D	16.335M	21.486M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.71M	22.623M	22M6D1D	17.655M	21.806M
802.11ac VHT40_Nss1,(MCS0)_1TX	36.3M	52.682M	52M7D1D	31.9M	48.38M
802.11ac VHT80_Nss1,(MCS0)_1TX	70.4M	91.025M	91M0D1D	70.4M	91.025M

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

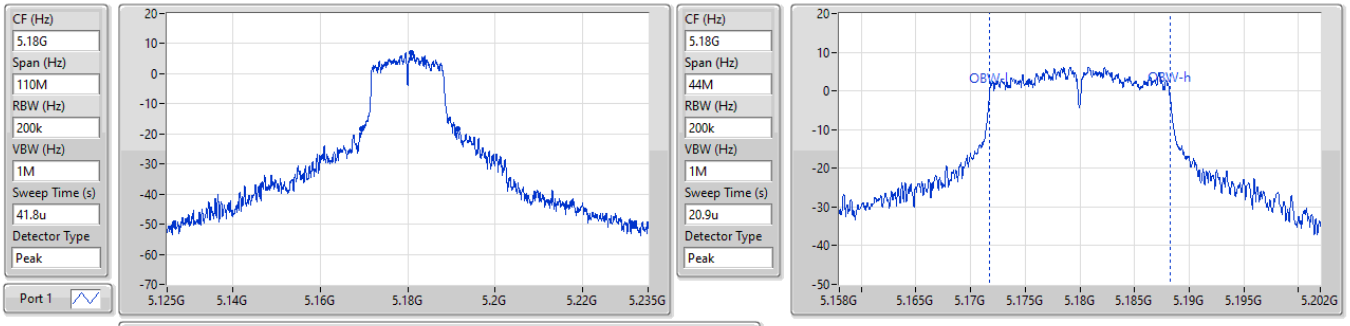
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.945M	16.575M
5200MHz	Pass	Inf	39.875M	24.632M
5240MHz	Pass	Inf	34.265M	18.431M
5745MHz	Pass	500k	16.5M	22.622M
5785MHz	Pass	500k	16.335M	21.486M
5825MHz	Pass	500k	16.445M	22.438M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.66M	17.905M
5200MHz	Pass	Inf	38.005M	25.121M
5240MHz	Pass	Inf	32.285M	18.785M
5745MHz	Pass	500k	17.655M	22.623M
5785MHz	Pass	500k	17.655M	21.806M
5825MHz	Pass	500k	17.71M	22.101M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	38.94M	36.13M
5230MHz	Pass	Inf	60.06M	36.766M
5755MHz	Pass	500k	36.3M	48.38M
5795MHz	Pass	500k	31.9M	52.682M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	79.86M	75.058M
5775MHz	Pass	500k	70.4M	91.025M

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

31/07/2023

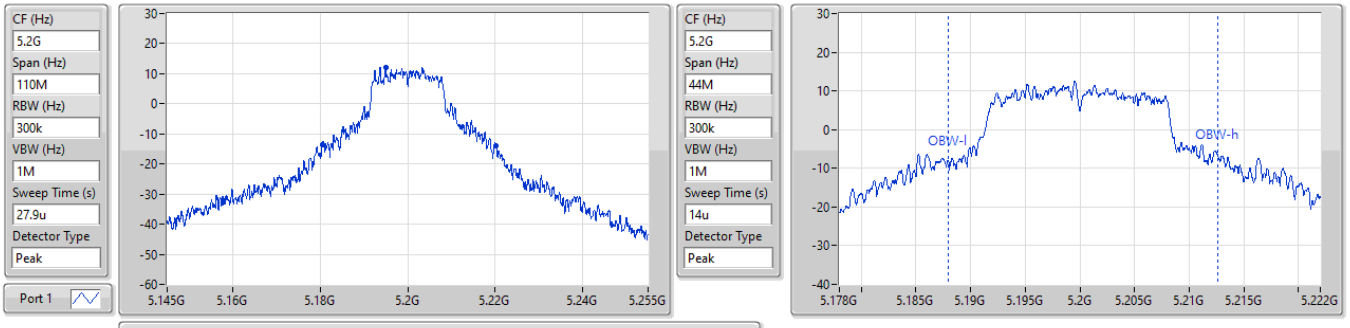


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.945M	5.16955G	5.191495G	16.575M	5.171709G	5.188284G	Inf	1

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

5200MHz

31/07/2023

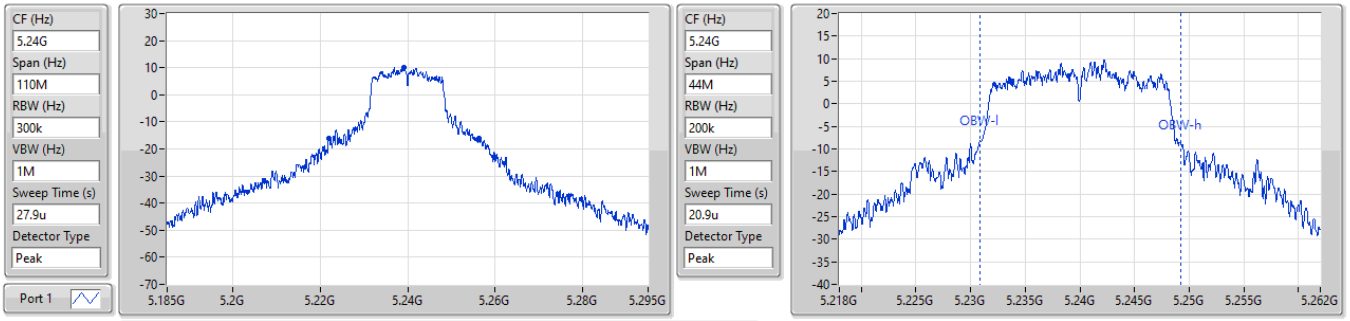


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.875M	5.18042G	5.220295G	24.632M	5.187977G	5.21261G	Inf	1

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

5240MHz

31/07/2023

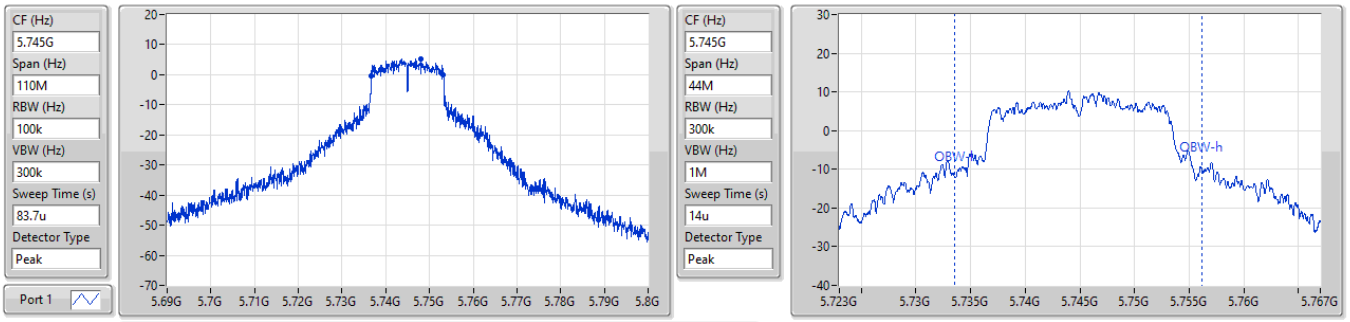


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.265M	5.22196G	5.256225G	18.431M	5.230841G	5.249273G	Inf	1

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

5745MHz

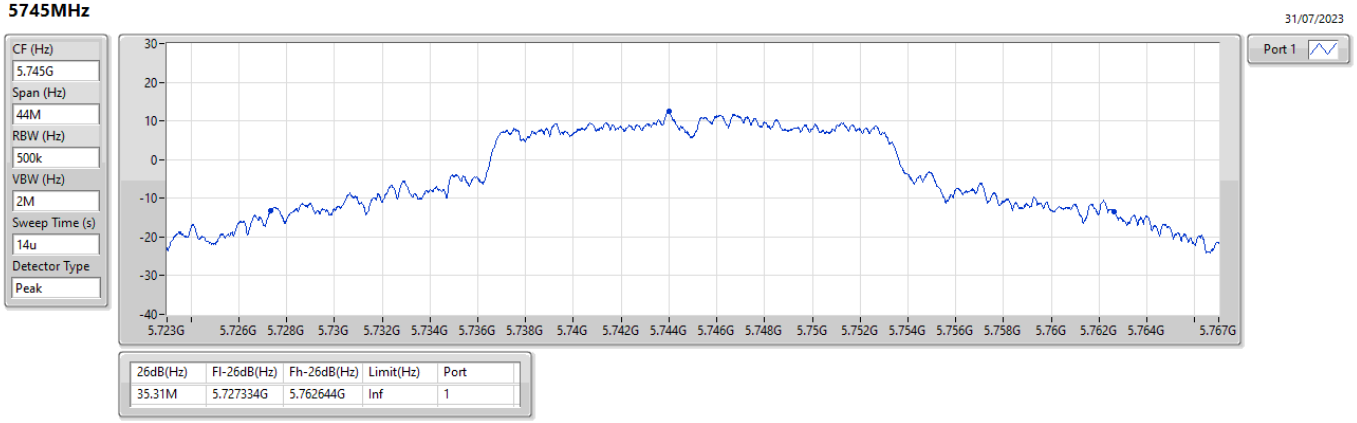
31/07/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.736695G	5.753195G	22.622M	5.733515G	5.756137G	500k	1

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

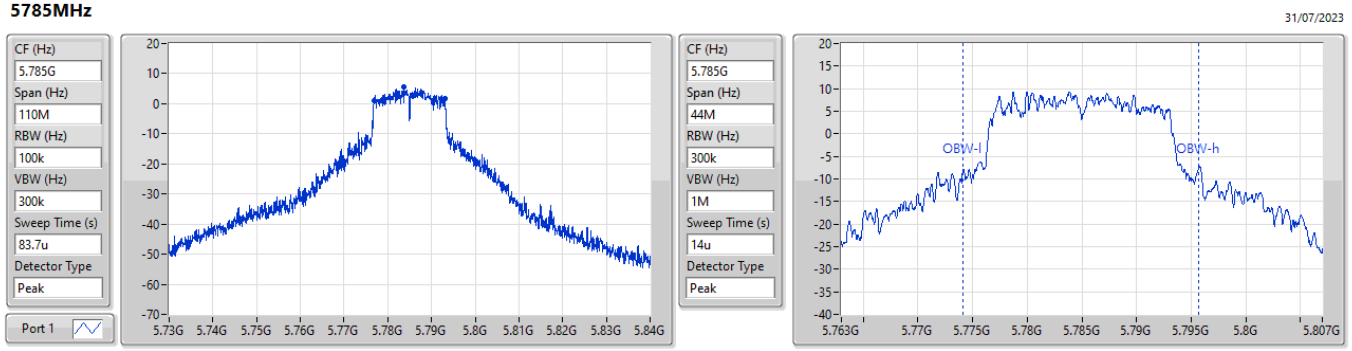
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.31M	5.727334G	5.762644G	Inf	1

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

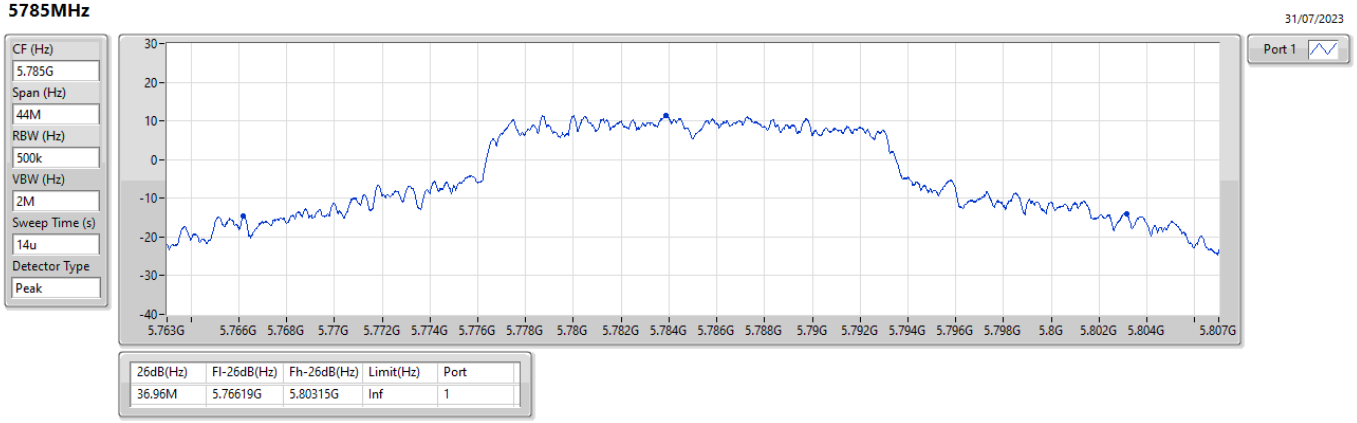
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.335M	5.776805G	5.79314G	21.486M	5.77416G	5.795647G	500k	1

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

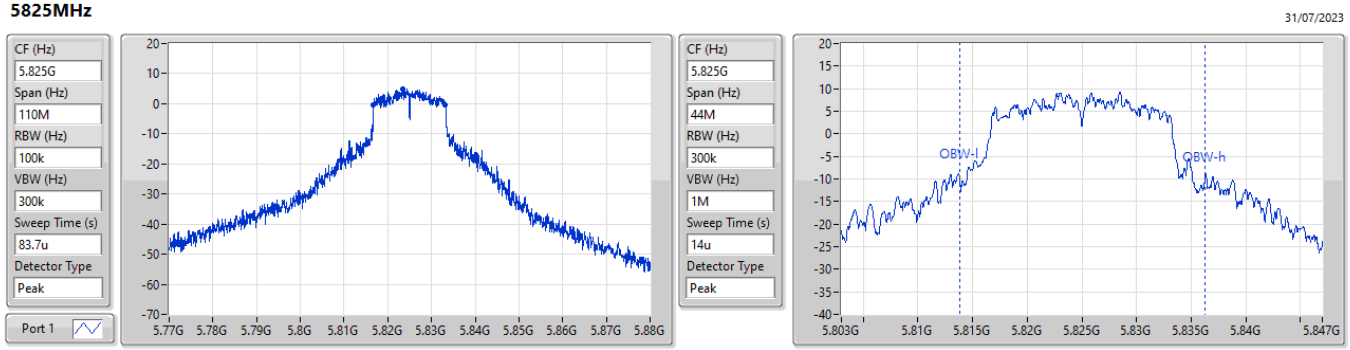
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.96M	5.76619G	5.80315G	Inf	1

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

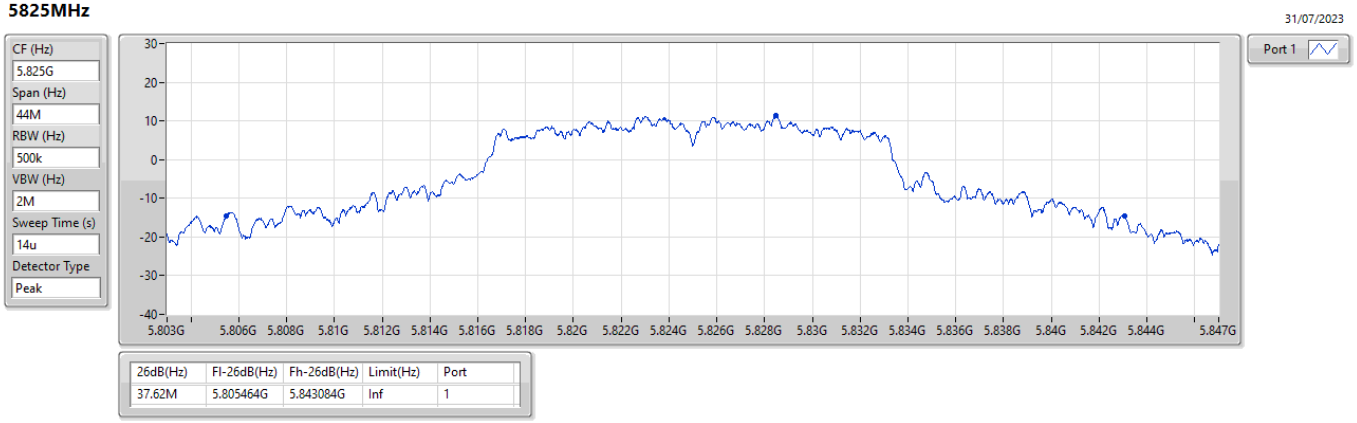
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.81675G	5.833195G	22.438M	5.813795G	5.836233G	500k	1

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

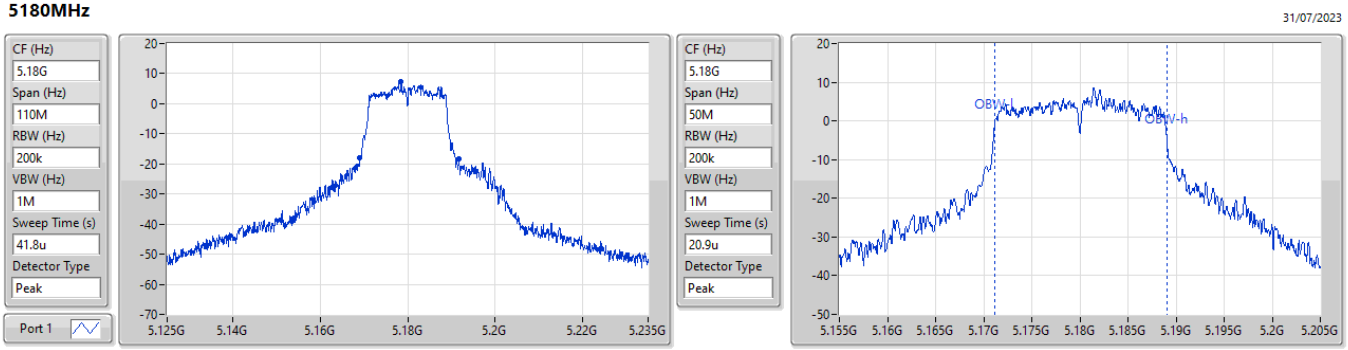
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
37.62M	5.805464G	5.843084G	Inf	1

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

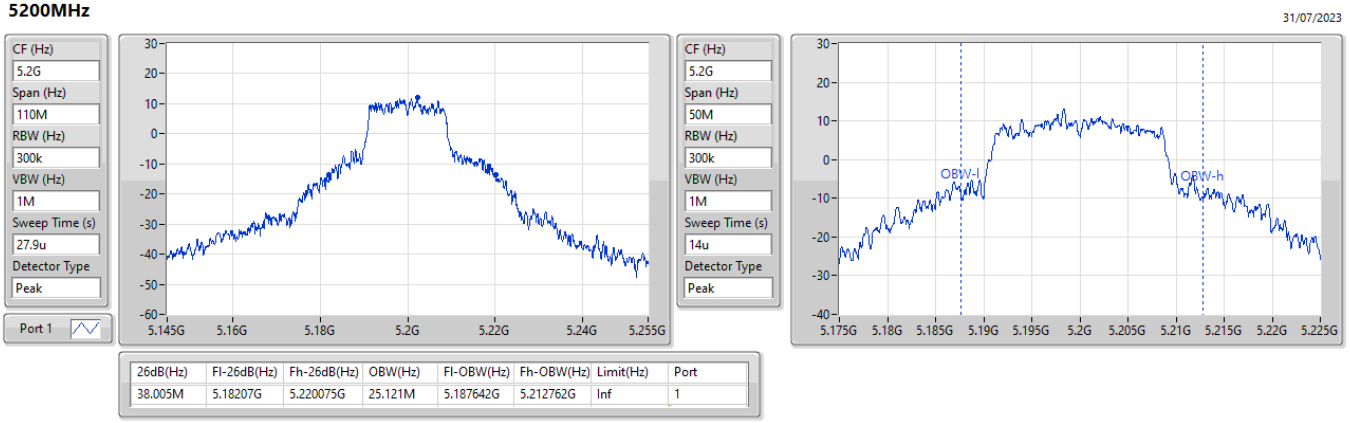
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.66M	5.16911G	5.19177G	17.905M	5.171131G	5.189036G	Inf	1

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

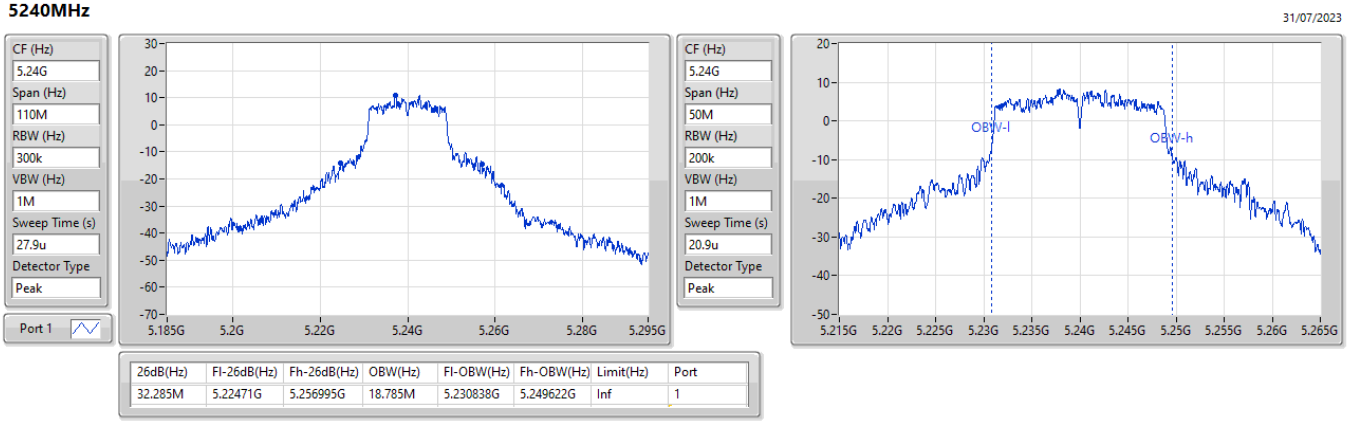
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.005M	5.18207G	5.220075G	25.121M	5.187642G	5.212762G	Inf	1

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

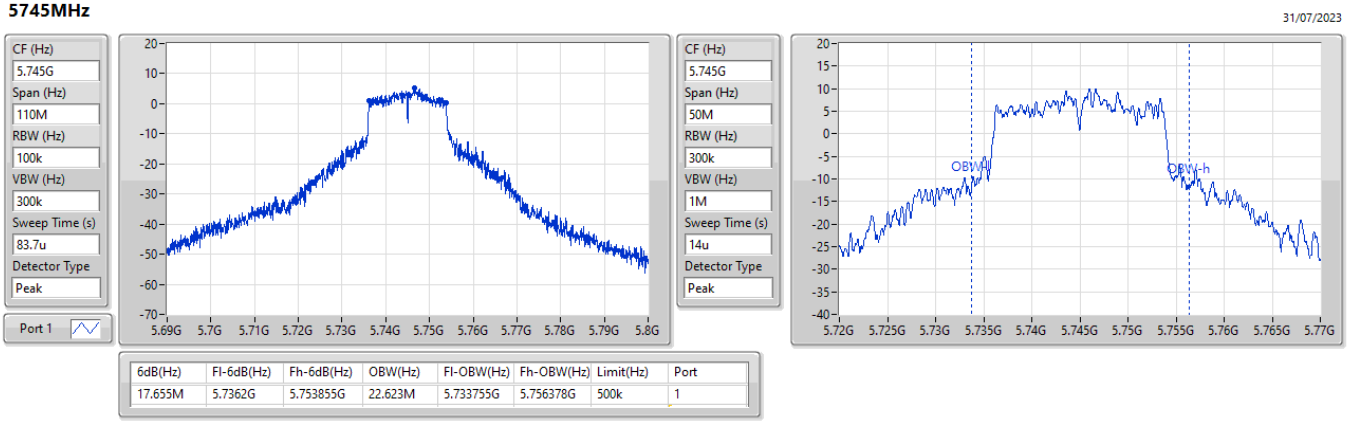
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.285M	5.22471G	5.256995G	18.785M	5.230838G	5.249622G	Inf	1

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

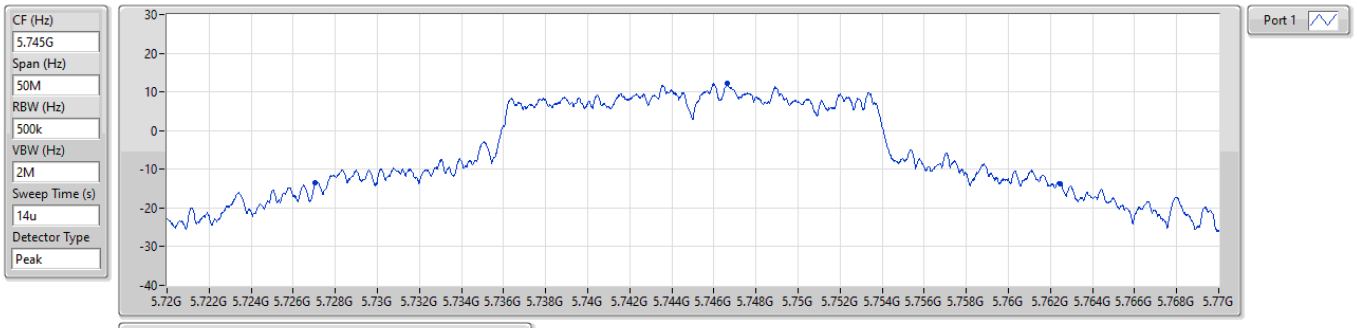
5745MHz



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	22.623M	5.733755G	5.756378G	500k	1

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

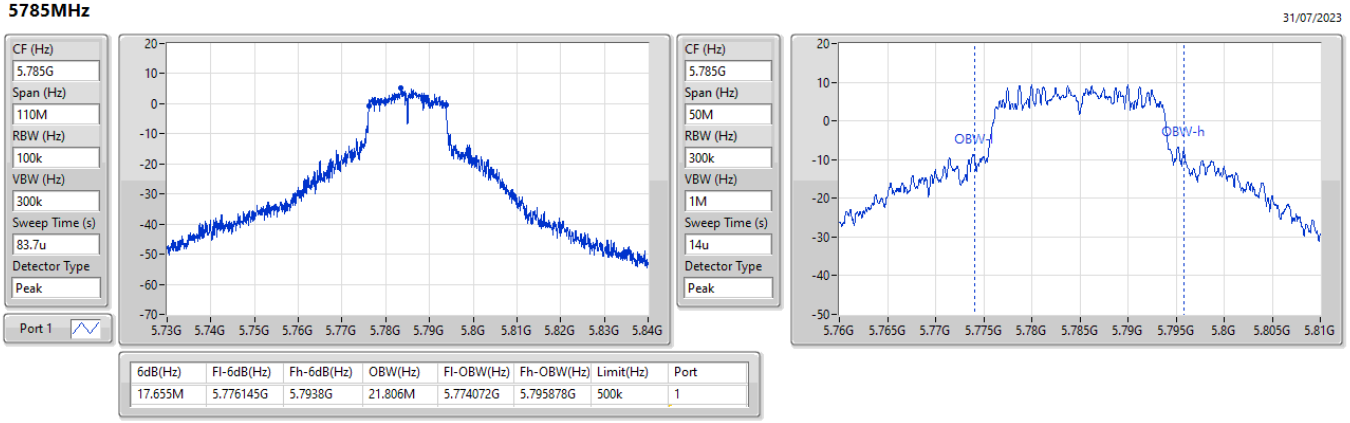
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.425M	5.72705G	5.762475G	Inf	1

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

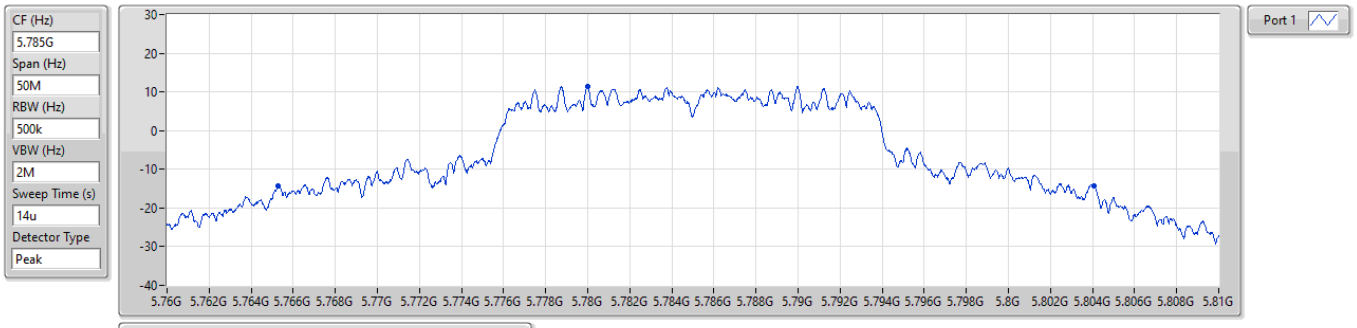
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.655M	5.776145G	5.7938G	21.806M	5.774072G	5.795878G	500k	1

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

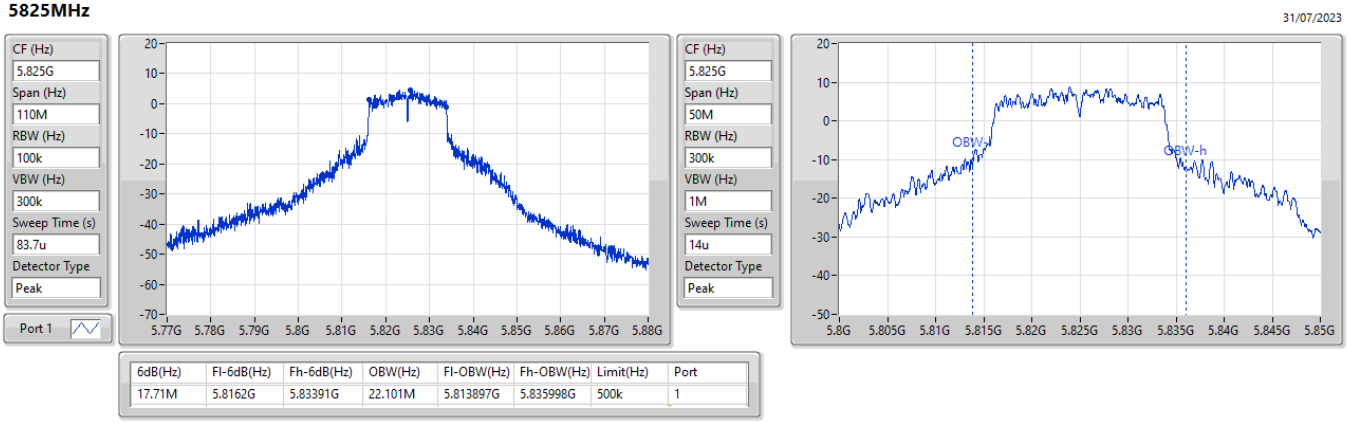
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.8M	5.765275G	5.804075G	Inf	1

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

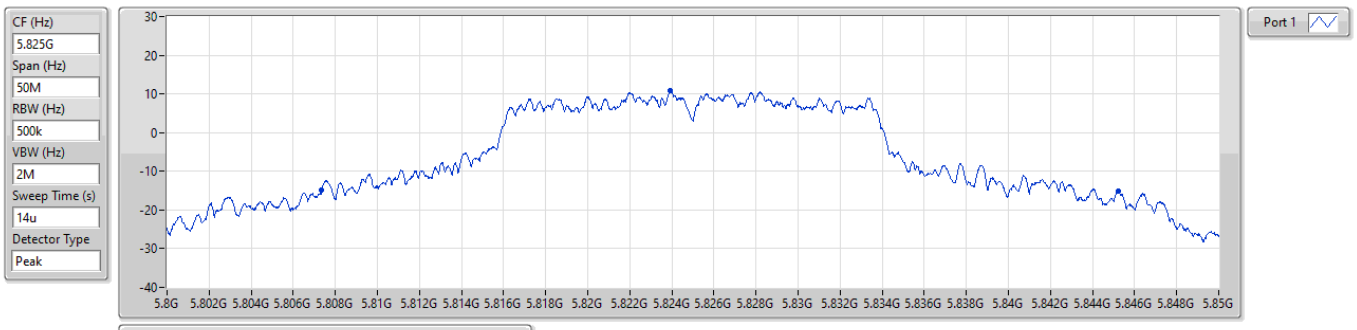
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.71M	5.8162G	5.83391G	22.101M	5.813897G	5.835998G	500k	1

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

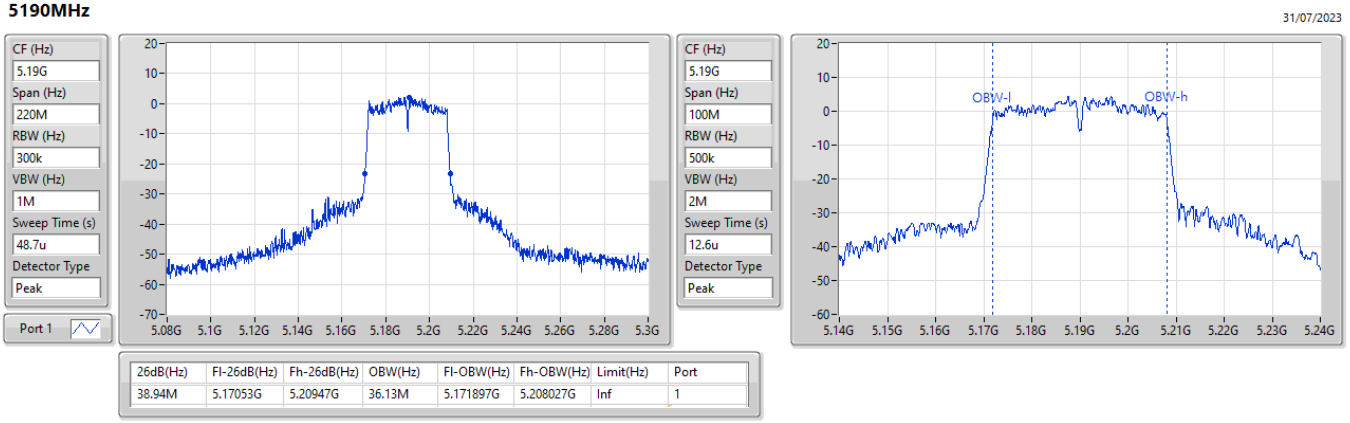
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
37.875M	5.80735G	5.845225G	Inf	1

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

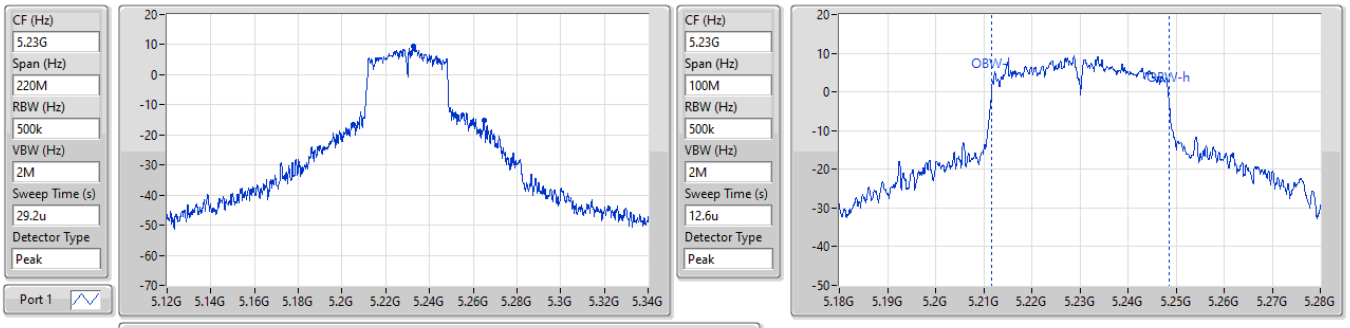
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.94M	5.17053G	5.20947G	36.13M	5.171897G	5.208027G	Inf	1

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

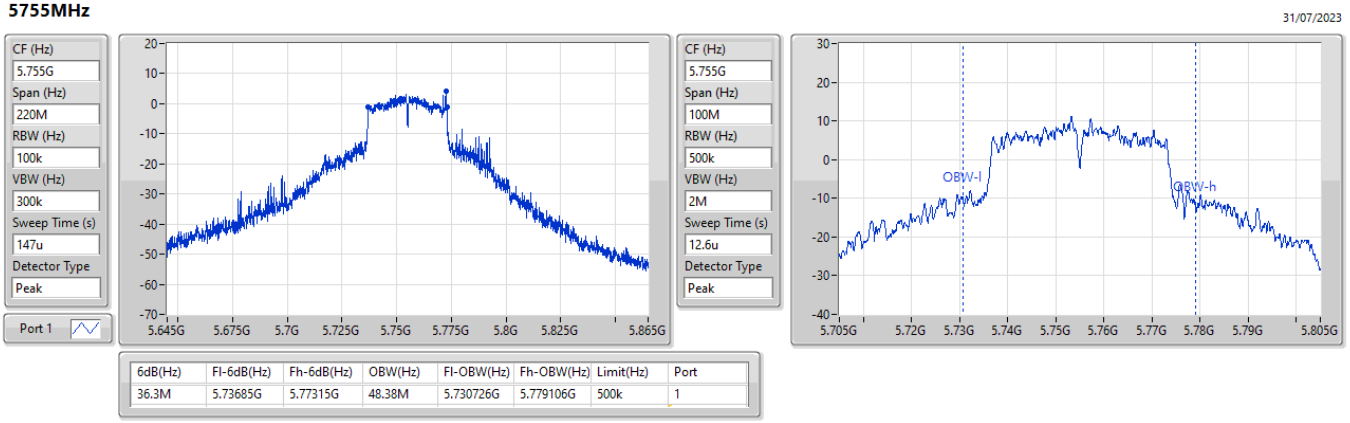
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
60.06M	5.20503G	5.26509G	36.766M	5.211736G	5.248501G	Inf	1

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

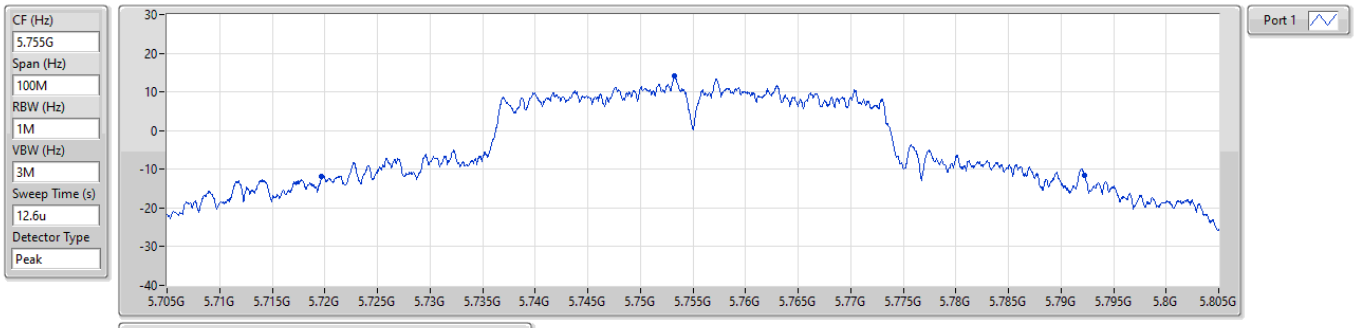
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.73685G	5.77315G	48.38M	5.730726G	5.779106G	500k	1

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

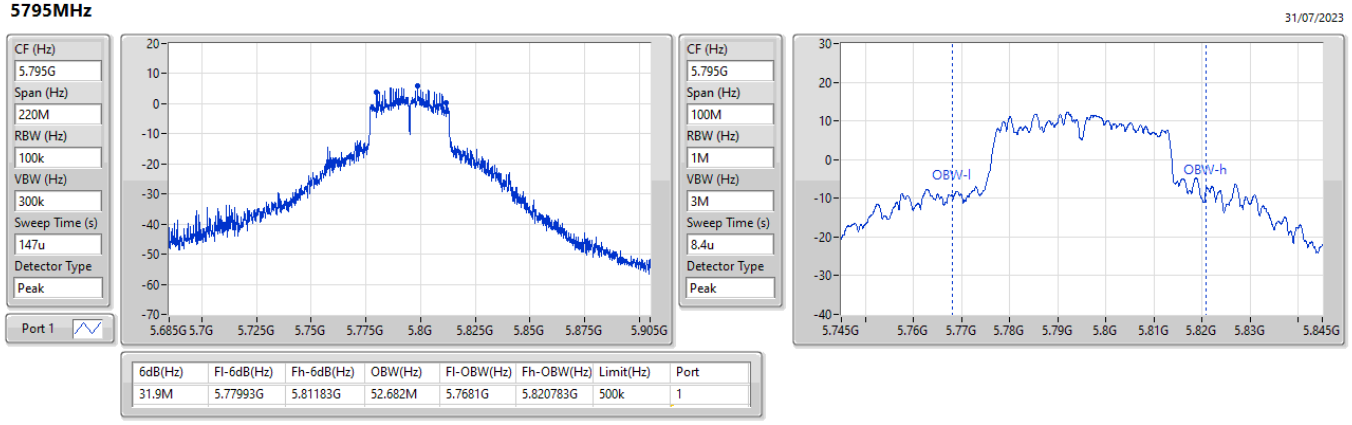
5755MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
72.55M	5.7197G	5.79225G	Inf	1

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

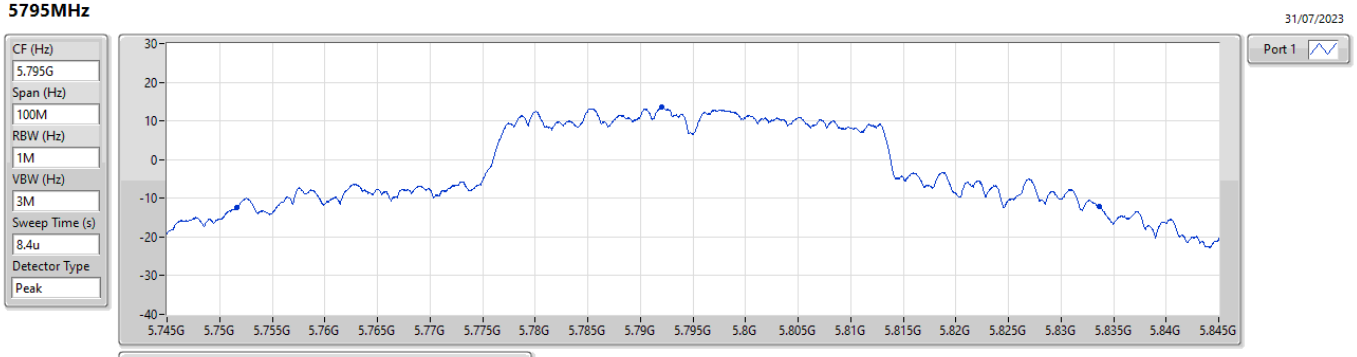
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.9M	5.77993G	5.81183G	52.682M	5.7681G	5.820783G	500k	1

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

5795MHz

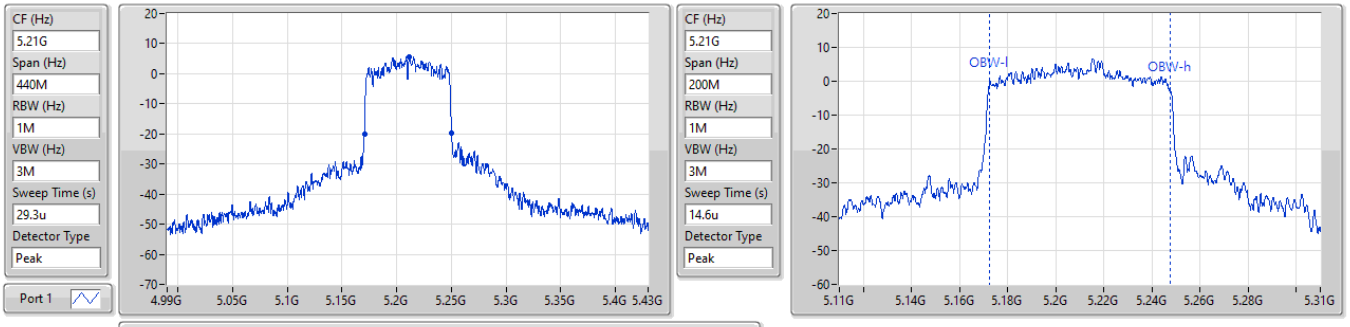


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
81.95M	5.75165G	5.8336G	Inf	1

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

5210MHz

31/07/2023

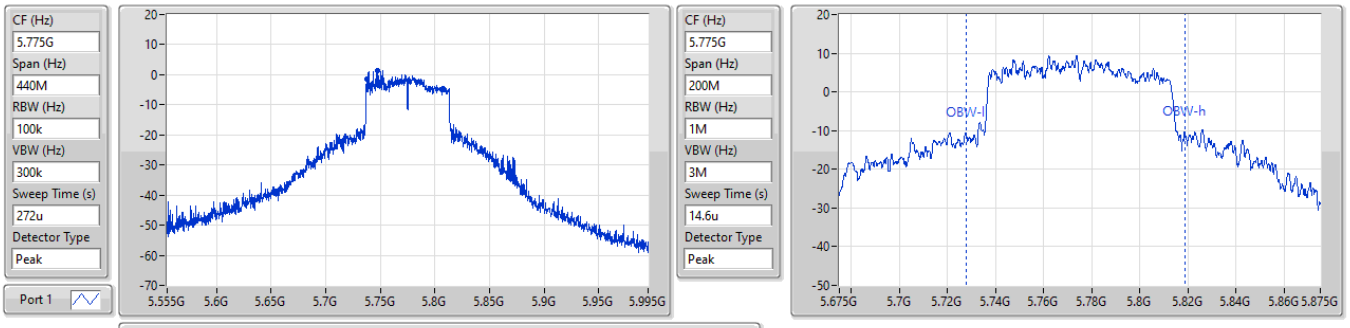


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.86M	5.1704G	5.25026G	75.058M	5.172415G	5.247473G	Inf	1

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

5775MHz

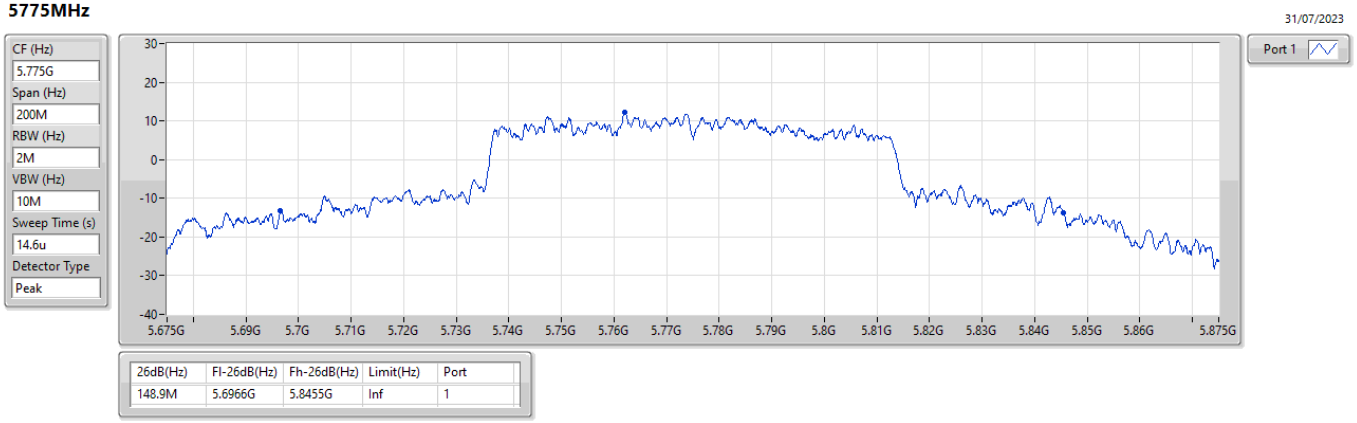
31/07/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.4M	5.73738G	5.80778G	91.025M	5.727592G	5.818617G	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
148.9M	5.6966G	5.8455G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.49	0.14093
802.11ac VHT20_Nss1,(MCS0)_1TX	21.36	0.13677
802.11ac VHT40_Nss1,(MCS0)_1TX	19.12	0.08166
802.11ac VHT80_Nss1,(MCS0)_1TX	14.89	0.03083
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.14	0.08204
802.11ac VHT20_Nss1,(MCS0)_1TX	18.80	0.07586
802.11ac VHT40_Nss1,(MCS0)_1TX	19.51	0.08933
802.11ac VHT80_Nss1,(MCS0)_1TX	18.70	0.07413

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.99	17.82	17.82	23.98
5200MHz	Pass	4.99	21.49	21.49	23.98
5240MHz	Pass	4.99	19.68	19.68	23.98
5745MHz	Pass	4.99	19.14	19.14	30.00
5785MHz	Pass	4.99	18.73	18.73	30.00
5825MHz	Pass	4.99	18.58	18.58	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.99	18.16	18.16	23.98
5200MHz	Pass	4.99	21.36	21.36	23.98
5240MHz	Pass	4.99	19.59	19.59	23.98
5745MHz	Pass	4.99	18.80	18.80	30.00
5785MHz	Pass	4.99	18.47	18.47	30.00
5825MHz	Pass	4.99	18.34	18.34	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.99	14.54	14.54	23.98
5230MHz	Pass	4.99	19.12	19.12	23.98
5755MHz	Pass	4.99	19.51	19.51	30.00
5795MHz	Pass	4.99	18.98	18.98	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.99	14.89	14.89	23.98
5775MHz	Pass	4.99	18.70	18.70	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.79
802.11ac VHT20_Nss1,(MCS0)_1TX	9.70
802.11ac VHT40_Nss1,(MCS0)_1TX	4.75
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.34
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.06
802.11ac VHT20_Nss1,(MCS0)_1TX	5.74
802.11ac VHT40_Nss1,(MCS0)_1TX	3.34
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.37

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

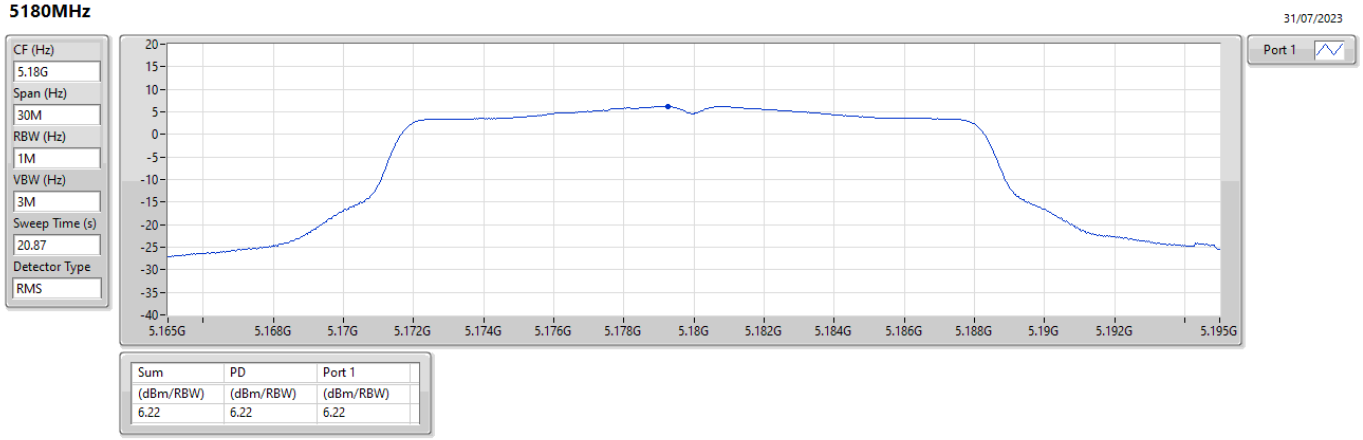
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.99	6.22	6.22	11.00
5200MHz	Pass	4.99	9.79	9.79	11.00
5240MHz	Pass	4.99	8.26	8.26	11.00
5745MHz	Pass	4.99	6.06	6.06	30.00
5785MHz	Pass	4.99	5.68	5.68	30.00
5825MHz	Pass	4.99	5.54	5.54	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.99	6.73	6.73	11.00
5200MHz	Pass	4.99	9.70	9.70	11.00
5240MHz	Pass	4.99	8.05	8.05	11.00
5745MHz	Pass	4.99	5.74	5.74	30.00
5785MHz	Pass	4.99	5.35	5.35	30.00
5825MHz	Pass	4.99	5.21	5.21	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.99	-0.07	-0.07	11.00
5230MHz	Pass	4.99	4.75	4.75	11.00
5755MHz	Pass	4.99	3.34	3.34	30.00
5795MHz	Pass	4.99	2.92	2.92	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.99	-2.34	-2.34	11.00
5775MHz	Pass	4.99	-0.37	-0.37	30.00

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

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

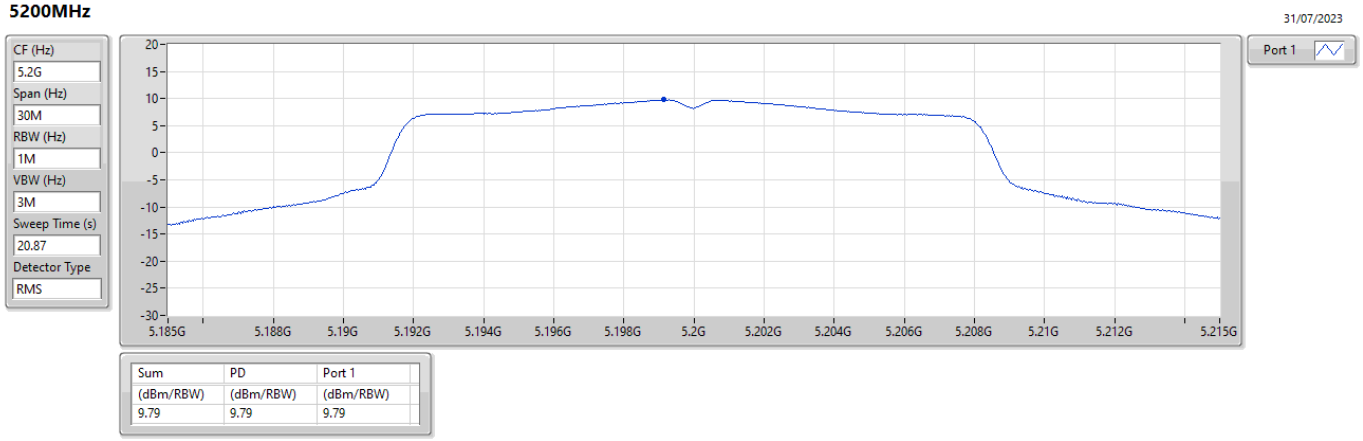
5180MHz



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

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

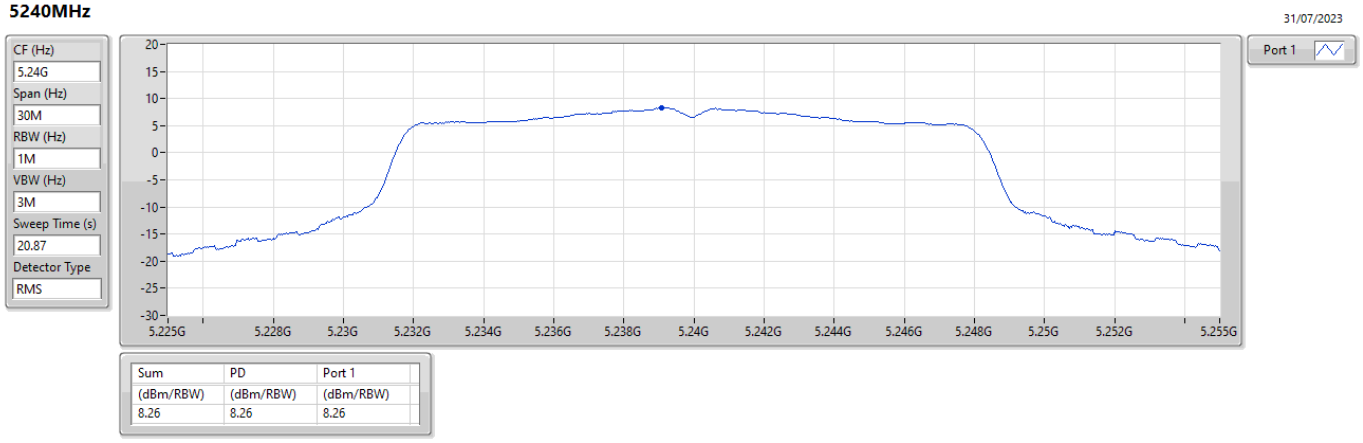
5200MHz



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

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

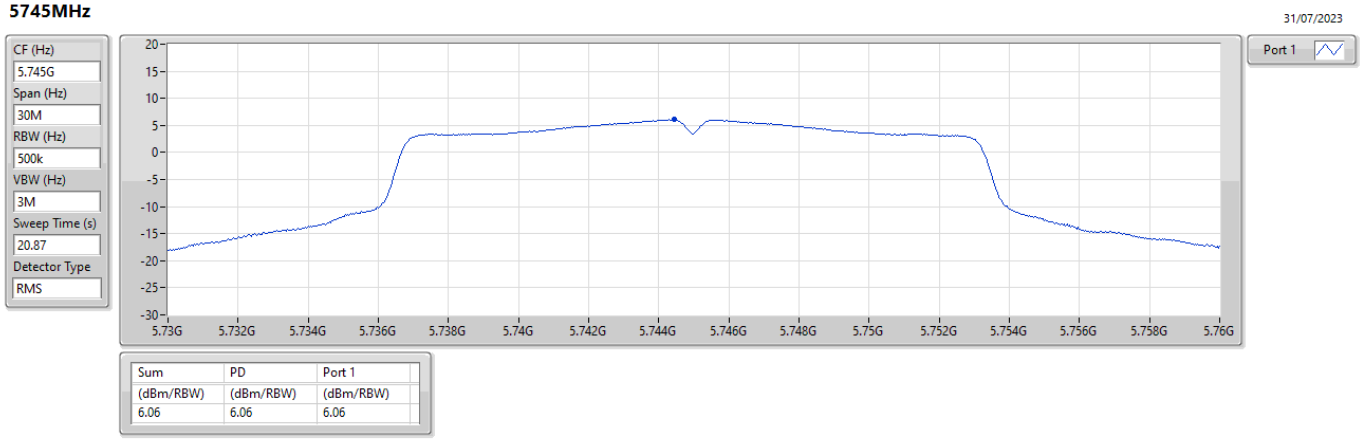
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	8.26

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

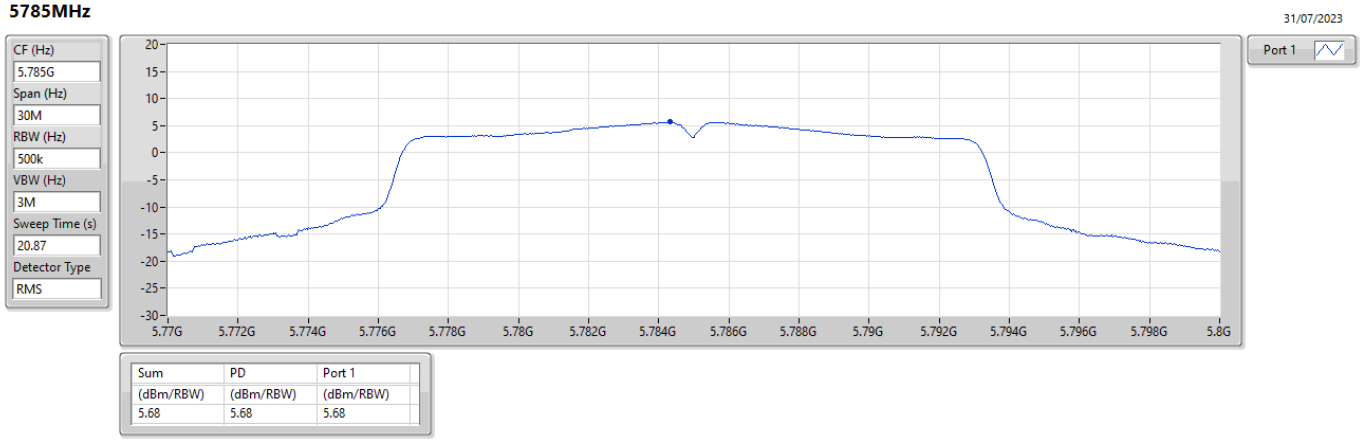
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.06	6.06	6.06

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

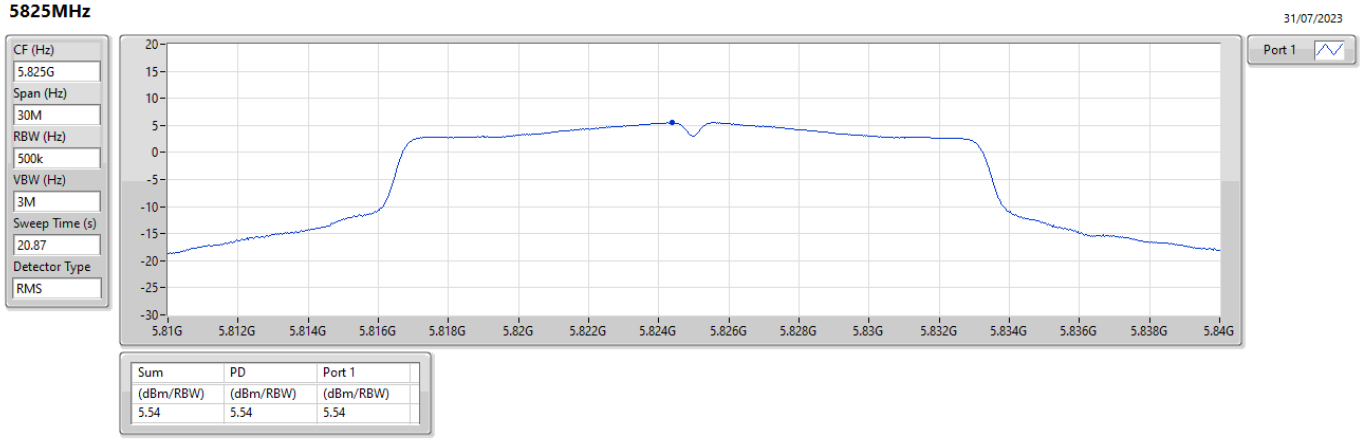
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	5.68

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

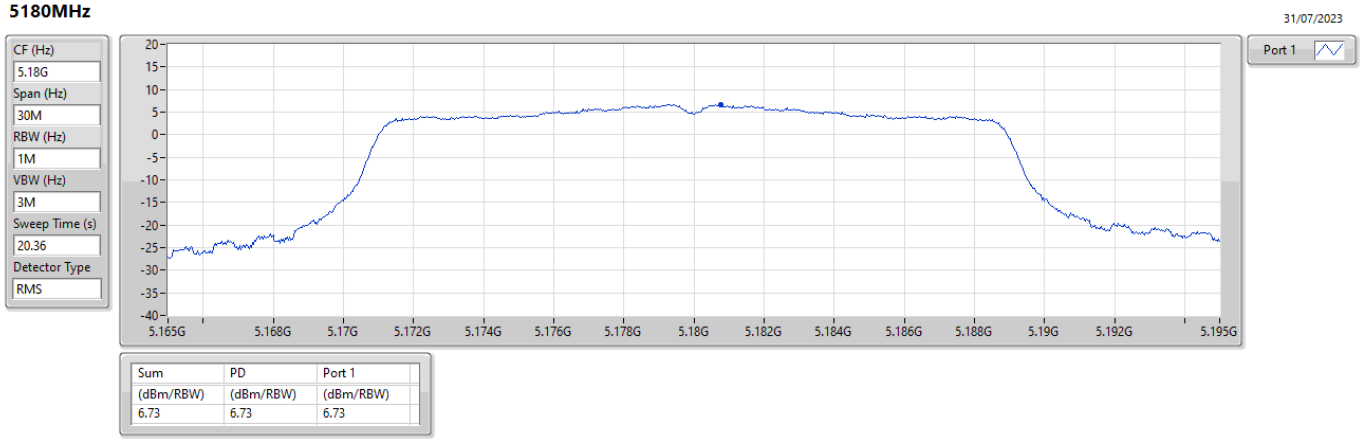
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	5.54

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

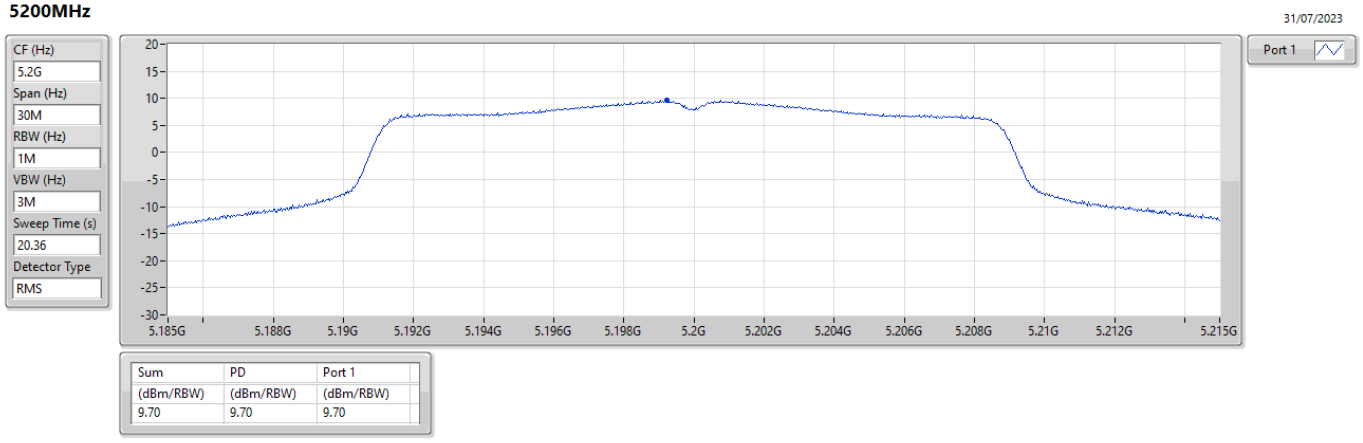
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.73	6.73	6.73

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

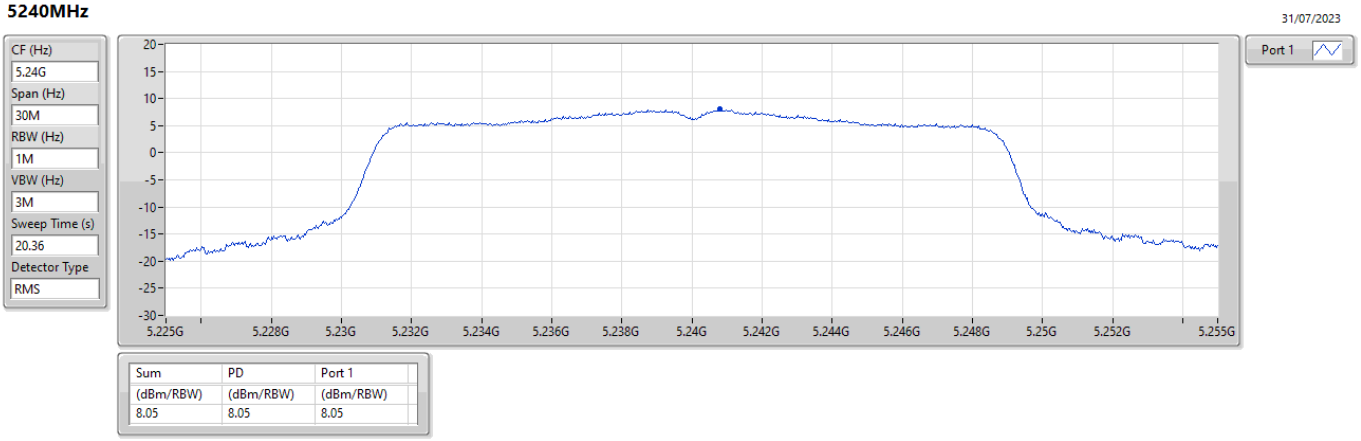
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.70	9.70	9.70

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

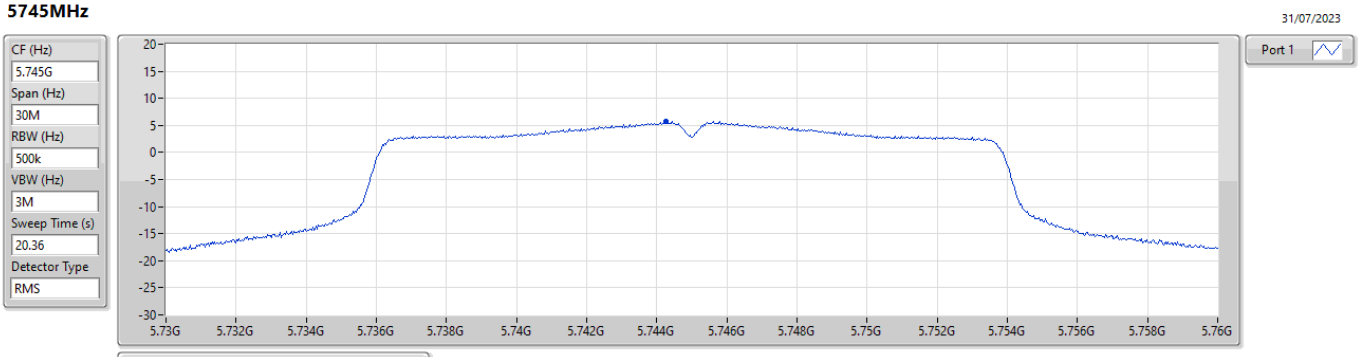
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	8.05

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

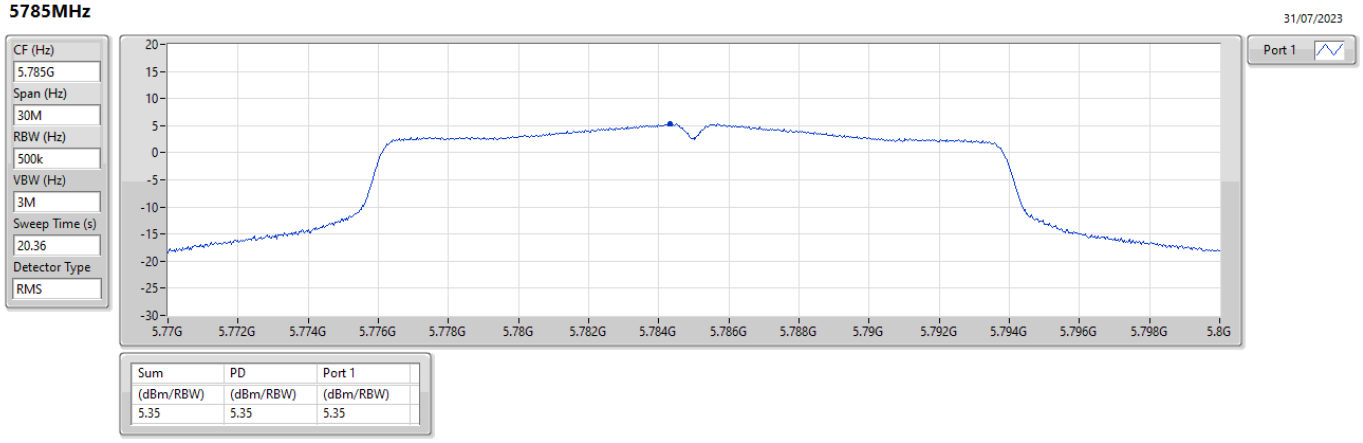
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	5.74

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

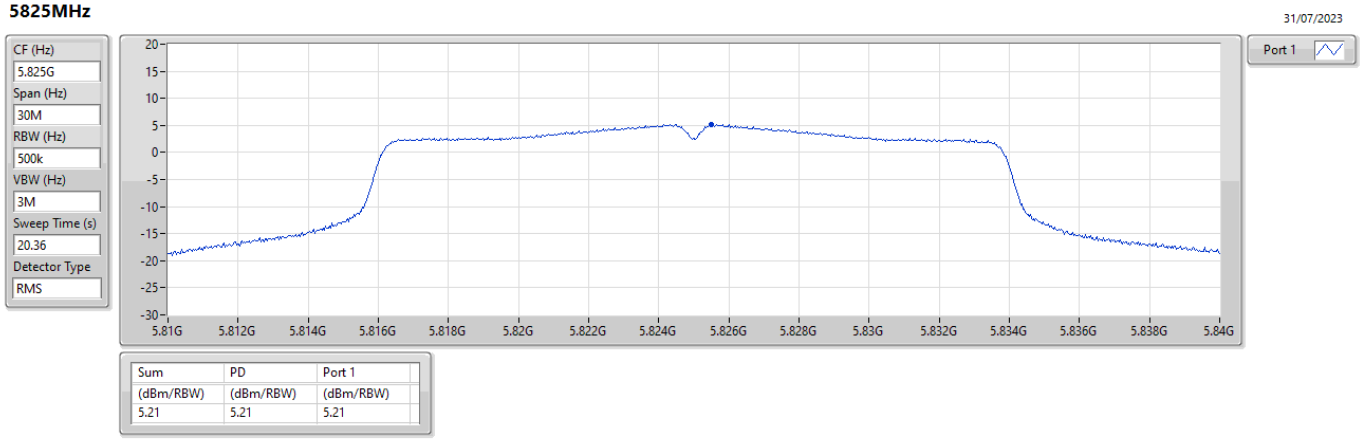
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.35	5.35	5.35

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

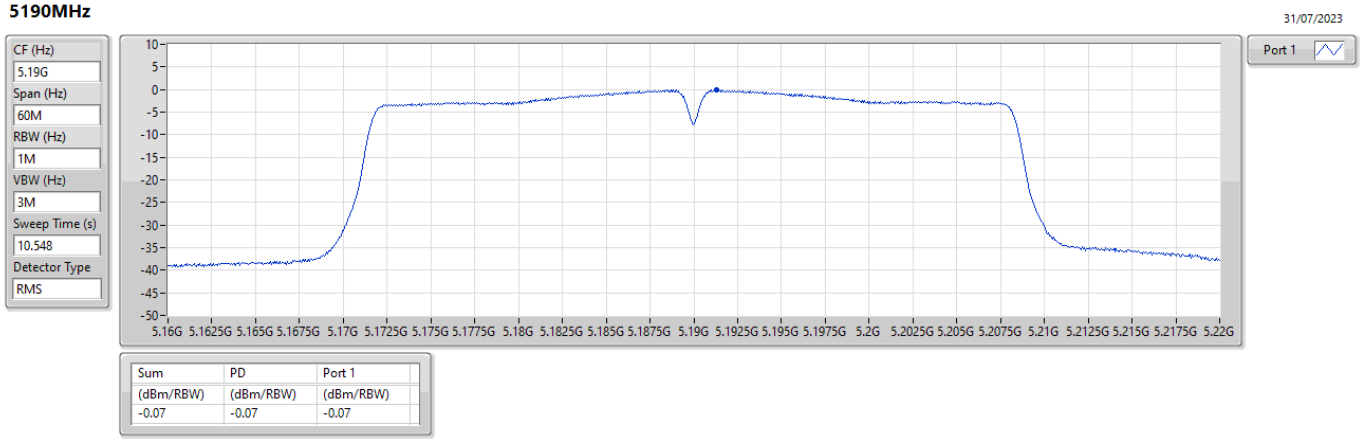
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.21	5.21	5.21

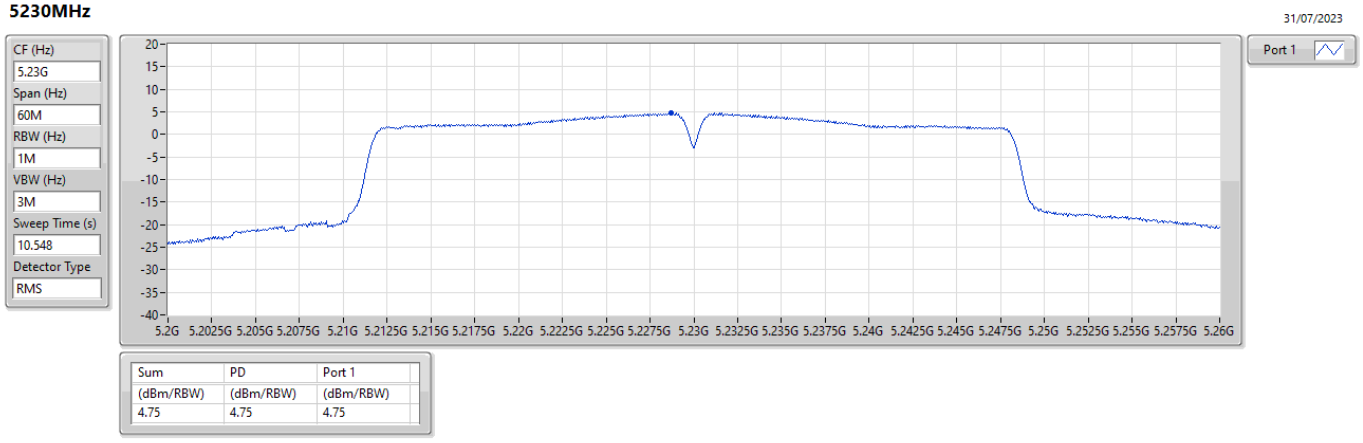
5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

5190MHz



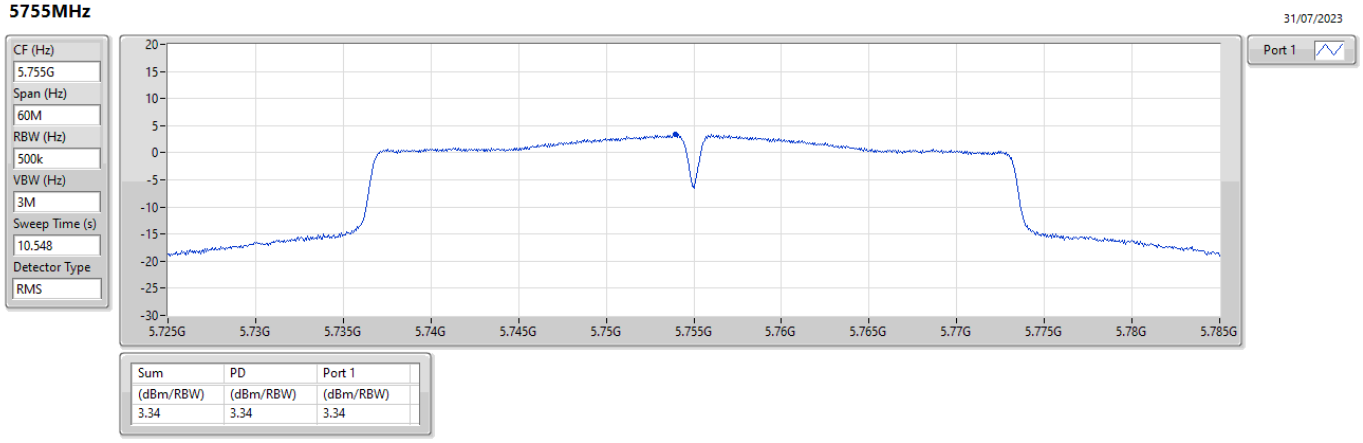
5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

5230MHz



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

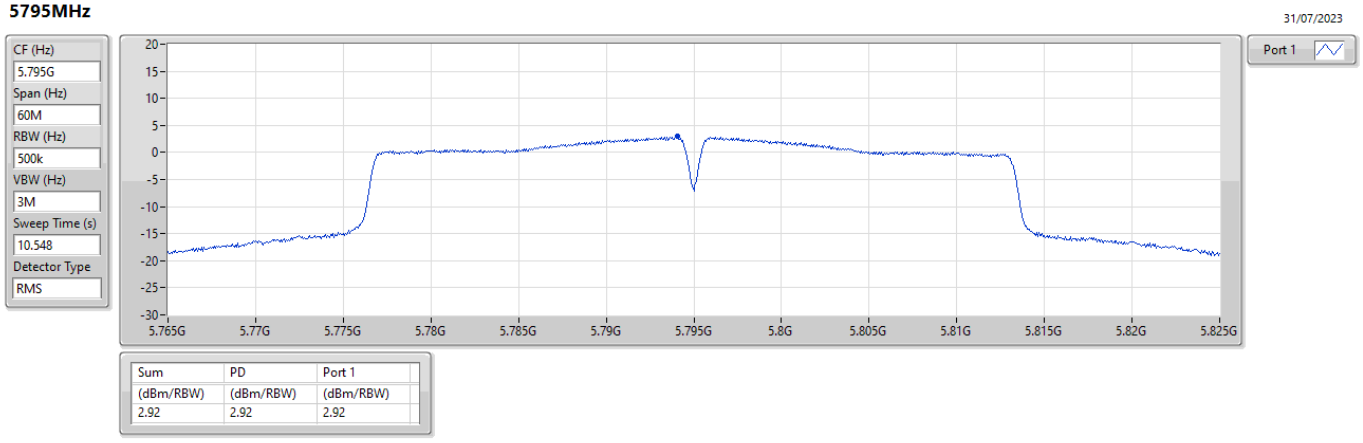
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	3.34

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

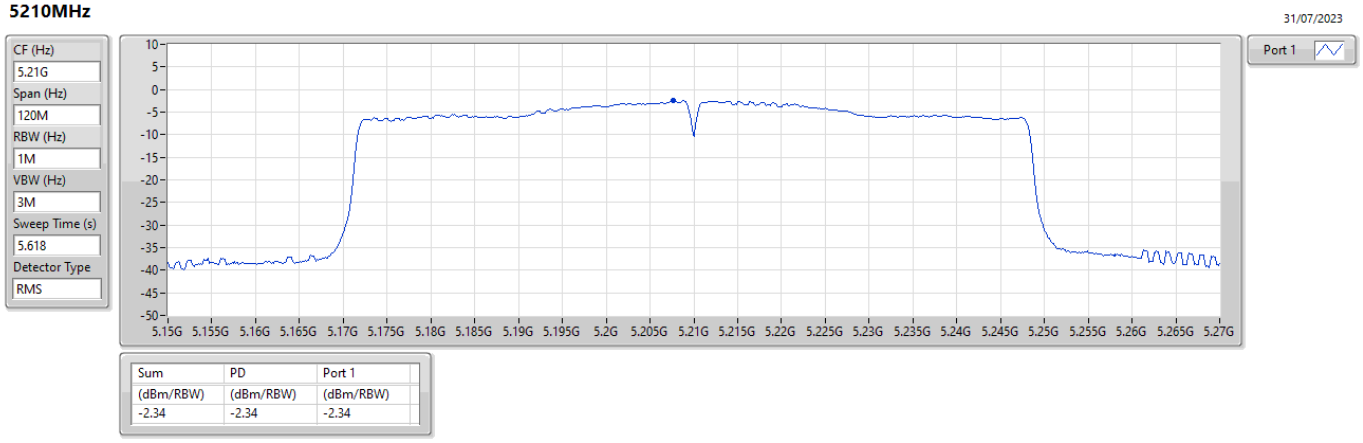
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	2.92

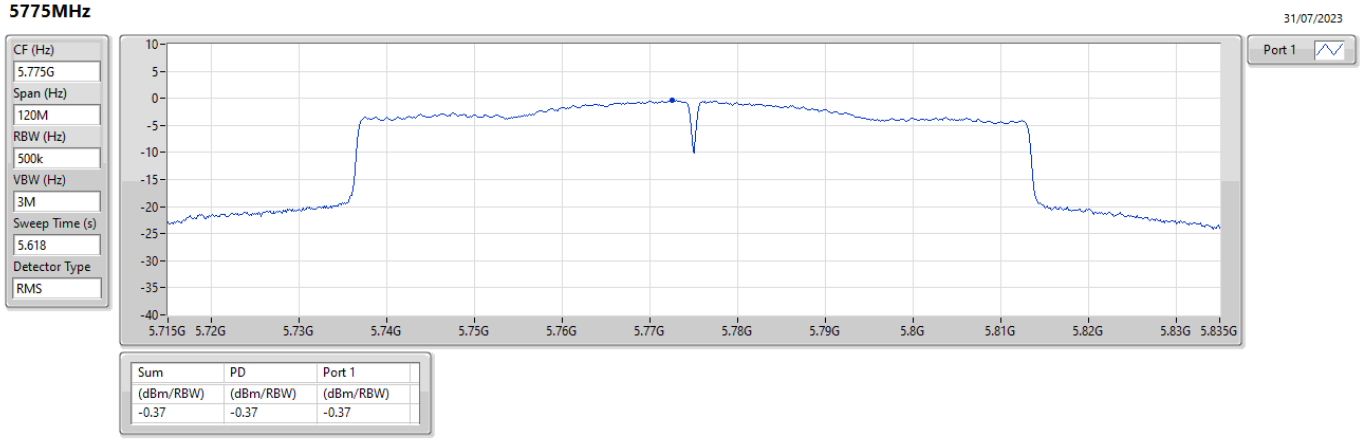
5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5210MHz



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

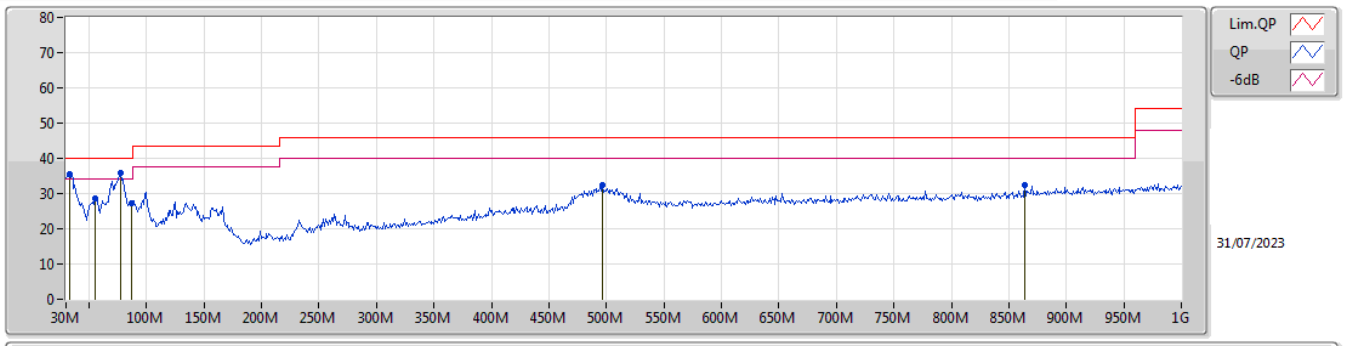
5775MHz



Summary

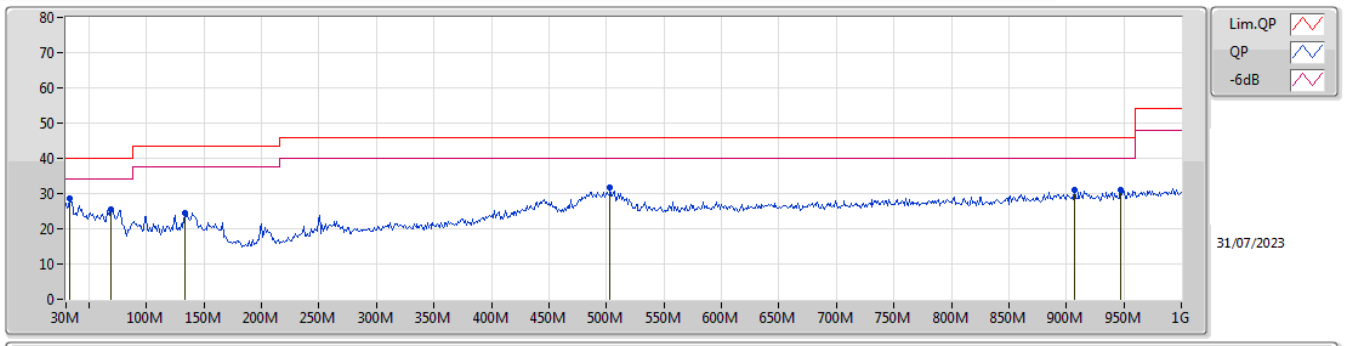
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	77.53M	35.77	40.00	-4.23	Vertical

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	32.91M	35.62	40.00	-4.38	-8.02	3	Vertical	6	1.00	-	43.64	22.55	1.05	31.62
PK	55.22M	28.61	40.00	-11.39	-17.72	3	Vertical	240	1.00	-	46.33	12.85	1.31	31.88
PK	77.53M	35.77	40.00	-4.23	-17.80	3	Vertical	56	1.00	"Worst"	53.57	12.63	1.53	31.96
PK	87.23M	27.37	40.00	-12.63	-16.09	3	Vertical	39	1.00	-	43.46	14.24	1.60	31.93
PK	496.57M	32.42	46.00	-13.58	-5.06	3	Vertical	217	1.00	-	37.48	23.24	3.97	32.27
PK	864.2M	32.25	46.00	-13.75	-1.07	3	Vertical	294	1.50	-	33.32	26.03	5.48	32.58

Mode 3



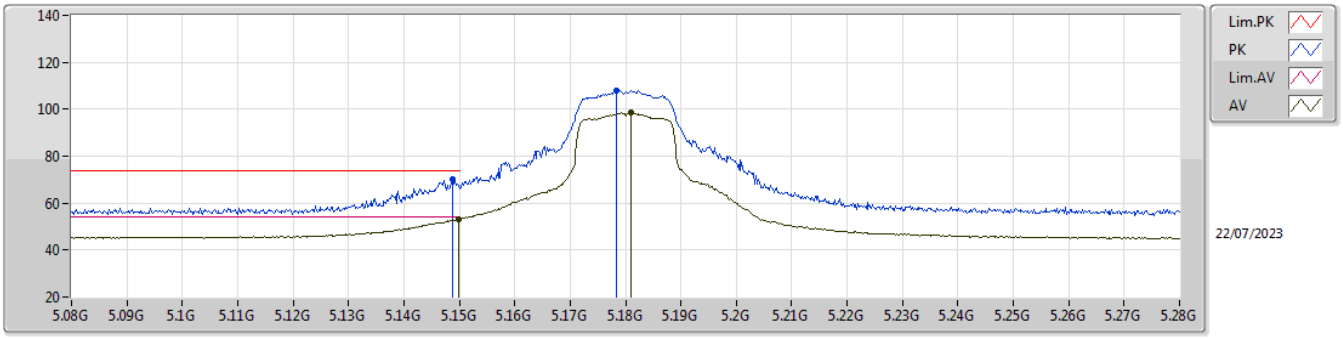
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	32.91M	28.45	40.00	-11.55	-8.02	3	Horizontal	146	1.00	"Worst"	36.47	22.55	1.05	31.62
PK	68.8M	25.37	40.00	-14.63	-18.11	3	Horizontal	248	1.50	-	43.48	12.35	1.44	31.90
PK	133.79M	24.54	43.50	-18.96	-12.25	3	Horizontal	0	1.50	-	36.79	17.76	1.96	31.97
PK	503.36M	31.74	46.00	-14.26	-4.97	3	Horizontal	203	1.00	-	36.71	23.31	4.00	32.28
PK	906.88M	31.12	46.00	-14.88	-0.41	3	Horizontal	83	1.50	-	31.53	26.38	5.67	32.46
PK	947.62M	31.16	46.00	-14.84	-0.17	3	Horizontal	137	1.00	-	31.33	26.69	5.69	32.55

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	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.86	54.00	-0.14	3	Vertical	222	1.05	-

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

5180MHz_TX

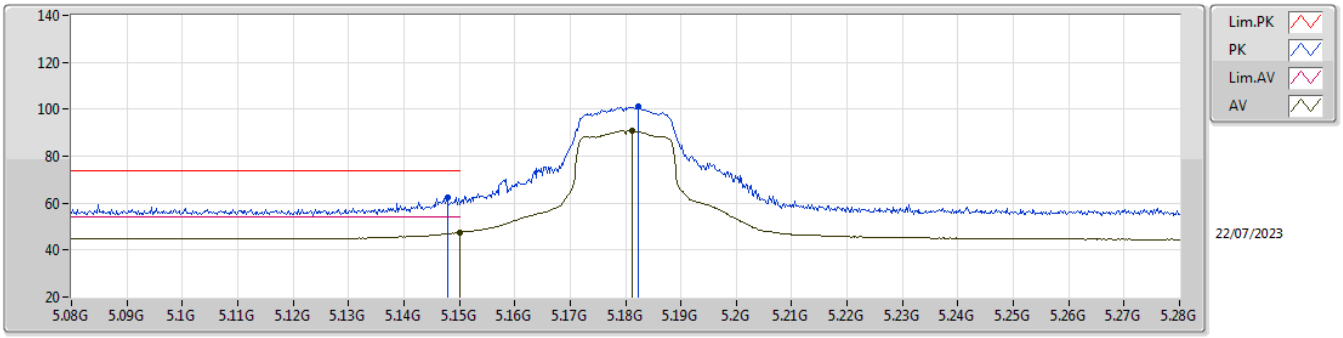


EUT Y_1TX
Setting 18
06-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	70.08	74.00	-3.92	63.54	3	Vertical	223	1.00	-	31.90	7.10	32.46
AV	5.1498G	53.21	54.00	-0.79	46.67	3	Vertical	223	1.00	-	31.90	7.10	32.46
PK	5.1784G	108.10	Inf	-Inf	101.56	3	Vertical	223	1.00	-	31.84	7.16	32.46
AV	5.181G	98.45	Inf	-Inf	91.91	3	Vertical	223	1.00	-	31.84	7.16	32.46

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

5180MHz_TX

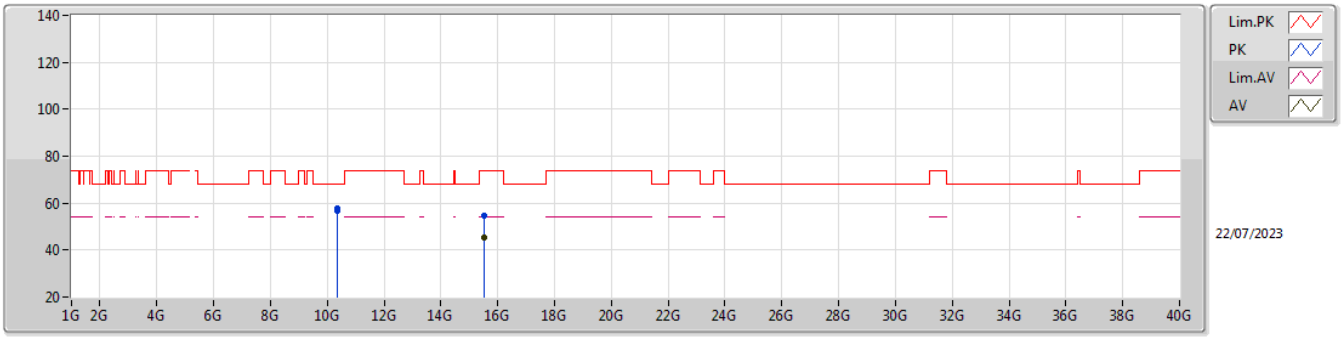


EUT Y_1TX
Setting 18
06-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1478G	62.41	74.00	-11.59	55.87	3	Horizontal	29	1.05	-	31.90	7.10	32.46
AV	5.15G	47.51	54.00	-6.49	40.96	3	Horizontal	29	1.05	-	31.90	7.11	32.46
PK	5.1822G	100.98	Inf	-Inf	94.43	3	Horizontal	29	1.05	-	31.84	7.17	32.46
AV	5.1812G	90.99	Inf	-Inf	84.45	3	Horizontal	29	1.05	-	31.84	7.16	32.46

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

5180MHz_TX

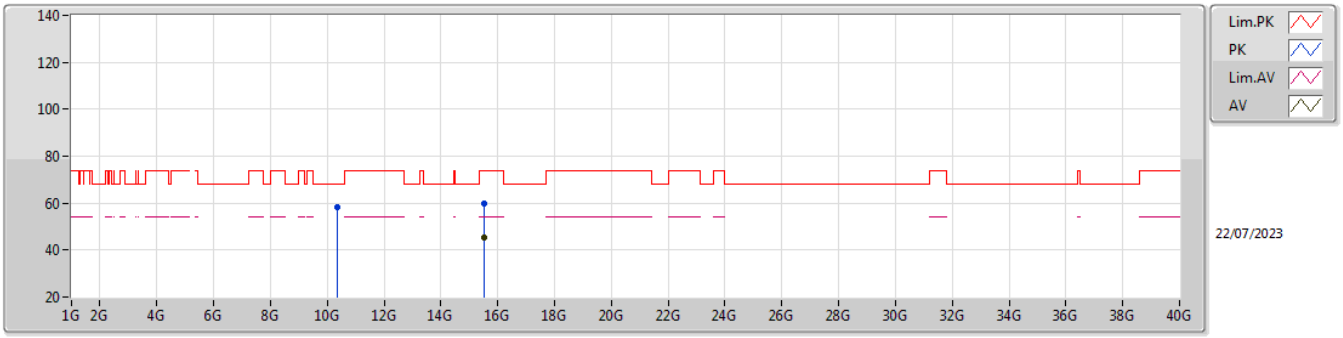


EUT Y_1TX
Setting 18
06-D-5-5

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	10.35916G	56.98	68.20	-11.22	41.58	3	Vertical	104	1.67	-	39.94	10.06	34.60
PK	10.3595G	57.89	68.20	-10.31	42.49	3	Vertical	270	2.85	-	39.94	10.06	34.60
PK	15.53904G	54.73	74.00	-19.27	39.12	3	Vertical	223	1.85	-	38.47	11.96	34.82
AV	15.54164G	45.39	54.00	-8.61	29.80	3	Vertical	223	1.85	-	38.45	11.96	34.82

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

5180MHz_TX

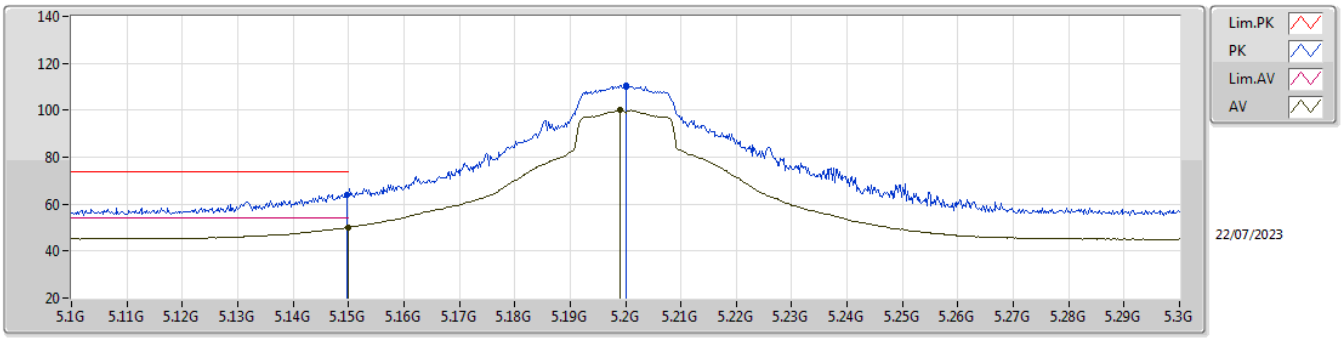


EUT Y_1TX
Setting 18
06-D-5-5

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	10.35718G	58.26	68.20	-9.94	42.87	3	Horizontal	203	2.04	-	39.93	10.06	34.60
PK	10.35723G	58.51	68.20	-9.69	43.12	3	Horizontal	267	2.70	-	39.93	10.06	34.60
PK	15.53268G	59.70	74.00	-14.30	44.06	3	Horizontal	203	1.80	-	38.50	11.96	34.82
AV	15.54124G	45.42	54.00	-8.58	29.83	3	Horizontal	50	1.91	-	38.45	11.96	34.82

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

5200MHz_TX

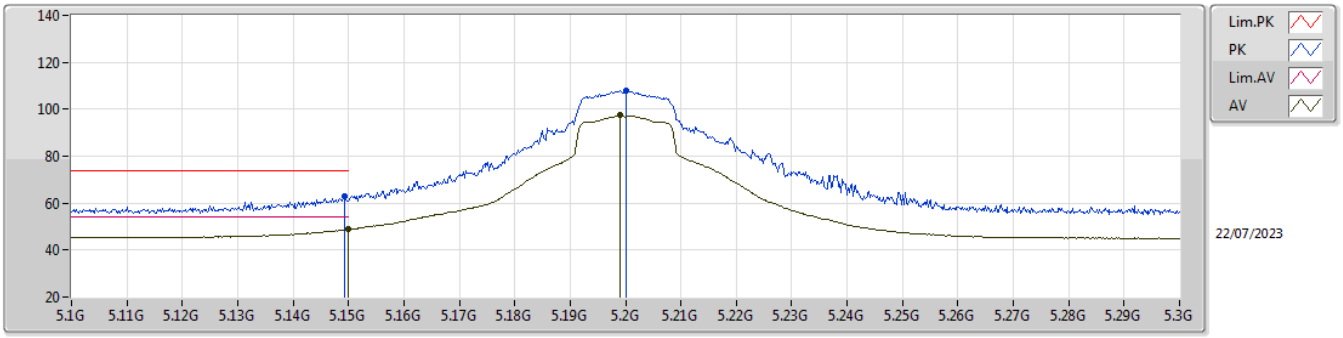


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	64.16	74.00	-9.84	57.62	3	Vertical	62	1.08	-	31.90	7.10	32.46
AV	5.15G	50.05	54.00	-3.95	43.50	3	Vertical	62	1.08	-	31.90	7.11	32.46
PK	5.2G	110.55	Inf	-Inf	104.01	3	Vertical	62	1.08	-	31.80	7.20	32.46
AV	5.199G	100.02	Inf	-Inf	93.48	3	Vertical	62	1.08	-	31.80	7.20	32.46

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

5200MHz_TX

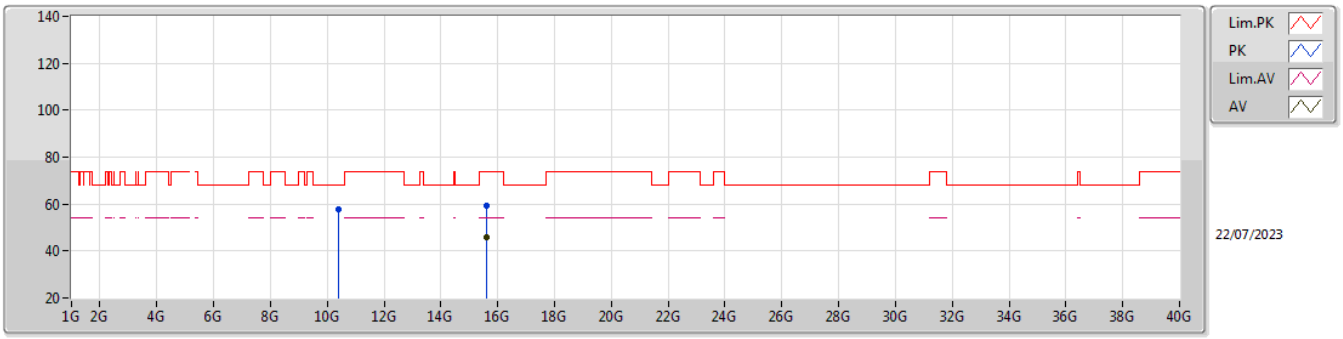


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	62.83	74.00	-11.17	56.29	3	Horizontal	32	1.00	-	31.90	7.10	32.46
AV	5.15G	48.72	54.00	-5.28	42.17	3	Horizontal	32	1.00	-	31.90	7.11	32.46
PK	5.2G	107.95	Inf	-Inf	101.41	3	Horizontal	32	1.00	-	31.80	7.20	32.46
AV	5.199G	97.41	Inf	-Inf	90.87	3	Horizontal	32	1.00	-	31.80	7.20	32.46

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

5200MHz_TX

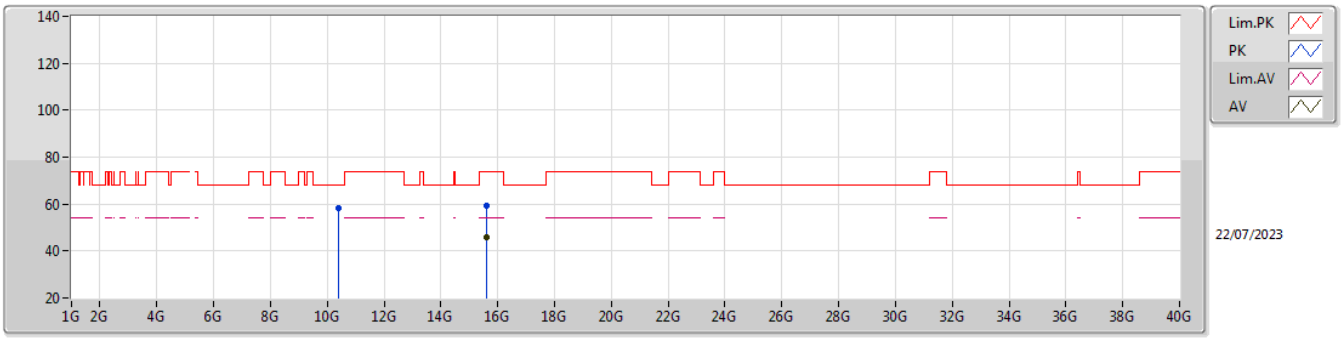


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40428G	57.91	68.20	-10.29	42.37	3	Vertical	225	2.03	-	40.10	10.07	34.63
PK	15.60272G	59.56	74.00	-14.44	44.29	3	Vertical	115	1.09	-	38.09	11.99	34.81
AV	15.60471G	45.73	54.00	-8.27	30.46	3	Vertical	115	1.09	-	38.09	11.99	34.81

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

5200MHz_TX

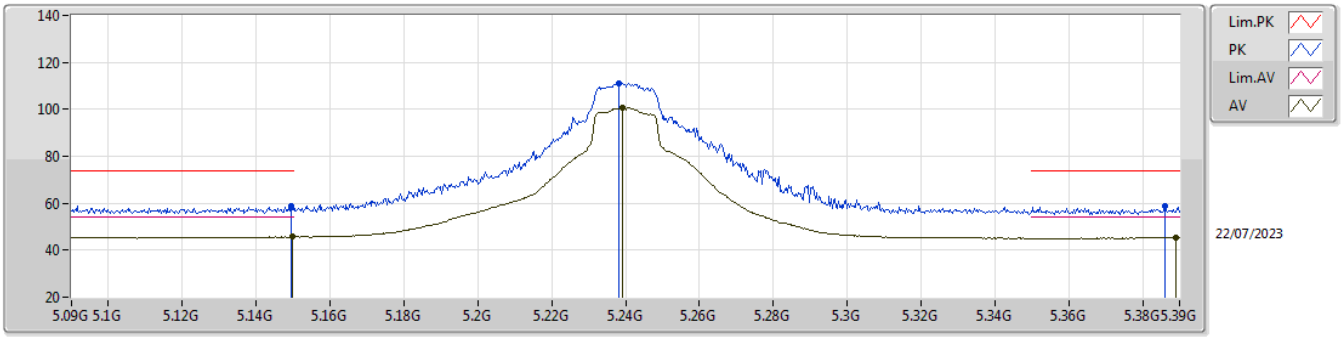


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39516G	58.21	68.20	-9.99	42.69	3	Horizontal	185	2.97	-	40.08	10.07	34.63
PK	15.59866G	59.45	74.00	-14.55	44.16	3	Horizontal	25	2.45	-	38.11	11.99	34.81
AV	15.59913G	45.70	54.00	-8.30	30.41	3	Horizontal	25	2.45	-	38.11	11.99	34.81

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

5240MHz_TX

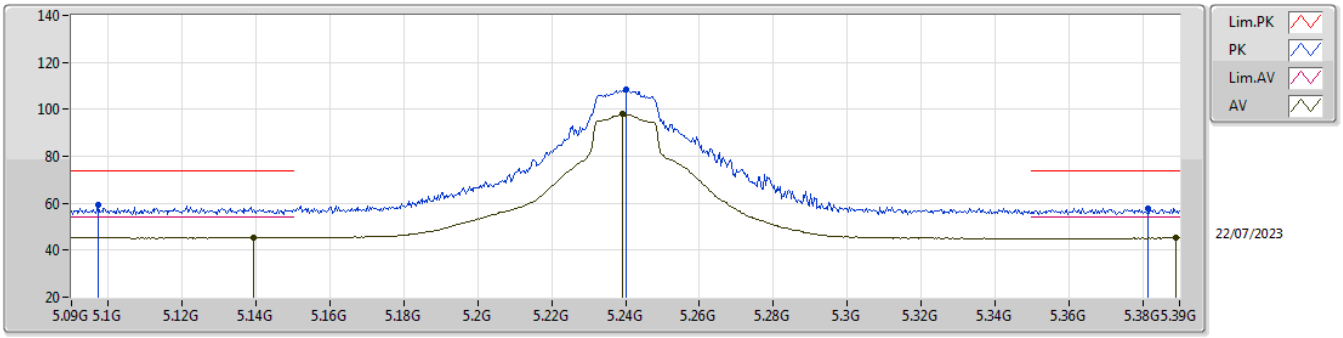


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	58.88	74.00	-15.12	52.34	3	Vertical	209	1.00	-	31.90	7.10	32.46
AV	5.1497G	45.65	54.00	-8.35	39.11	3	Vertical	209	1.00	-	31.90	7.10	32.46
PK	5.2382G	111.02	Inf	-Inf	104.57	3	Vertical	209	1.00	-	31.65	7.27	32.47
AV	5.2391G	100.92	Inf	-Inf	94.48	3	Vertical	209	1.00	-	31.64	7.27	32.47
PK	5.3861G	59.05	74.00	-14.95	52.55	3	Vertical	209	1.00	-	31.44	7.55	32.49
AV	5.3891G	45.47	54.00	-8.53	38.94	3	Vertical	209	1.00	-	31.46	7.56	32.49

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

5240MHz_TX

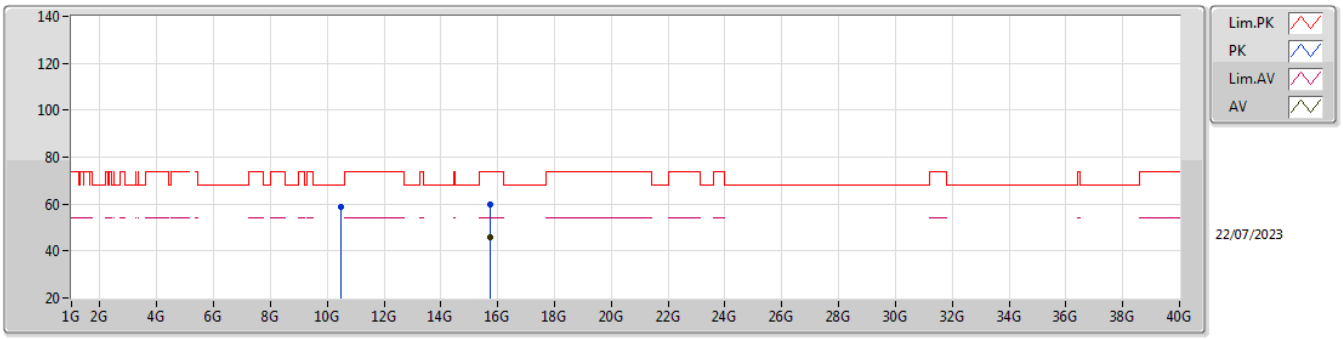


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.0972G	59.30	74.00	-14.70	52.76	3	Horizontal	29.9	1.00	-	31.99	7.00	32.45
AV	5.1392G	45.41	54.00	-8.59	38.87	3	Horizontal	29.9	1.00	-	31.92	7.08	32.46
PK	5.24G	108.36	Inf	-Inf	101.91	3	Horizontal	29.9	1.00	-	31.64	7.28	32.47
AV	5.2391G	97.89	Inf	-Inf	91.45	3	Horizontal	29.9	1.00	-	31.64	7.27	32.47
PK	5.3816G	57.91	74.00	-16.09	51.42	3	Horizontal	29.9	1.00	-	31.43	7.55	32.49
AV	5.3891G	45.31	54.00	-8.69	38.78	3	Horizontal	29.9	1.00	-	31.46	7.56	32.49

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

5240MHz_TX

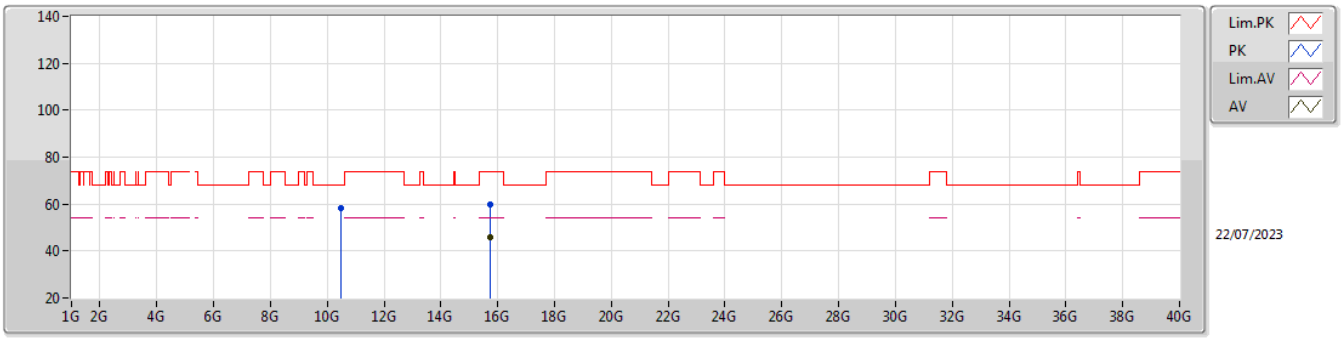


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47712G	58.56	68.20	-9.64	42.97	3	Vertical	233	1.76	-	40.18	10.09	34.68
PK	15.72395G	59.57	74.00	-14.43	44.42	3	Vertical	246	2.11	-	37.90	12.06	34.81
AV	15.7191G	45.92	54.00	-8.08	30.77	3	Vertical	246	2.11	-	37.90	12.06	34.81

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

5240MHz_TX

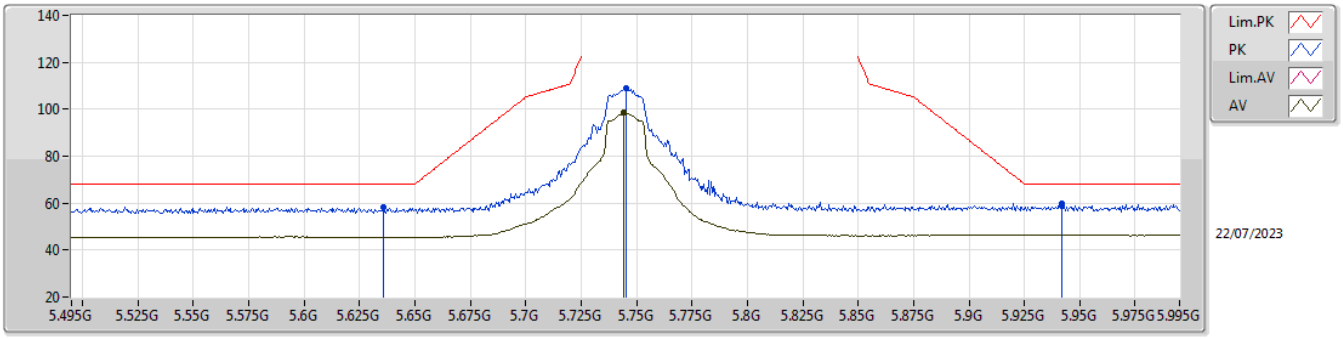


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48345G	58.48	68.20	-9.72	42.90	3	Horizontal	134	2.73	-	40.18	10.09	34.69
PK	15.71595G	59.63	74.00	-14.37	44.48	3	Horizontal	305	2.18	-	37.90	12.06	34.81
AV	15.7218G	45.96	54.00	-8.04	30.81	3	Horizontal	305	2.18	-	37.90	12.06	34.81

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

5745MHz_TX

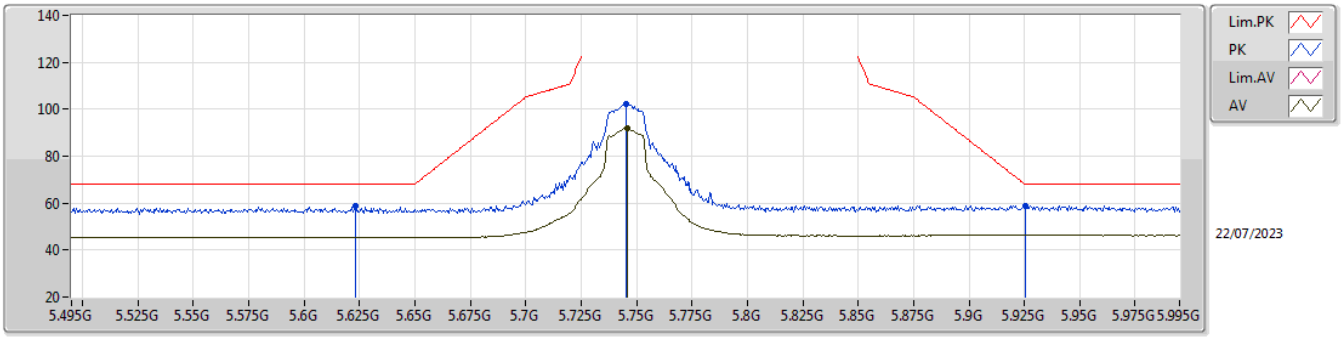


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.636G	58.50	68.20	-9.70	51.91	3	Vertical	160	2.32	-	31.83	7.22	32.46
PK	5.745G	108.88	Inf	-Inf	101.81	3	Vertical	160	2.32	-	32.18	7.31	32.42
AV	5.744G	98.37	Inf	-Inf	91.30	3	Vertical	160	2.32	-	32.18	7.31	32.42
PK	5.942G	59.66	68.20	-8.54	52.03	3	Vertical	160	2.32	-	32.60	7.39	32.36

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

5745MHz_TX

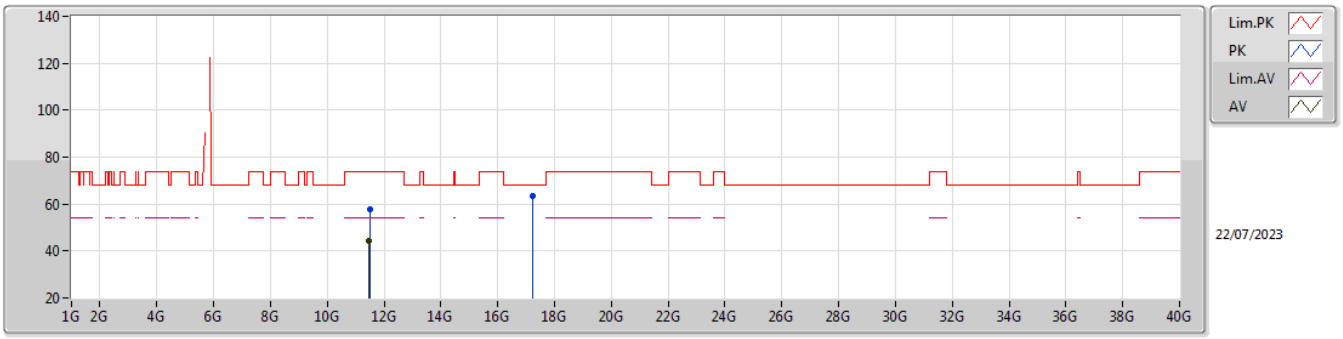


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.623G	58.56	68.20	-9.64	51.96	3	Horizontal	77	1.80	-	31.85	7.21	32.46
PK	5.745G	102.04	Inf	-Inf	94.97	3	Horizontal	77	1.80	-	32.18	7.31	32.42
AV	5.746G	91.77	Inf	-Inf	84.70	3	Horizontal	77	1.80	-	32.18	7.31	32.42
PK	5.9255G	58.94	68.20	-9.26	51.32	3	Horizontal	77	1.80	-	32.60	7.38	32.36

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

5745MHz_TX

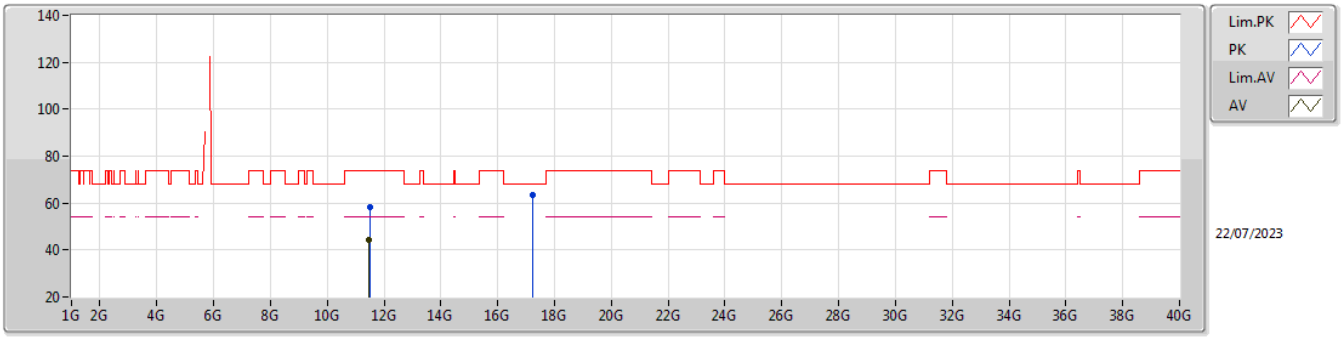


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49027G	57.99	74.00	-16.01	42.17	3	Vertical	161	1.59	-	40.10	10.35	34.63
AV	11.48642G	44.15	54.00	-9.85	28.33	3	Vertical	161	1.59	-	40.10	10.35	34.63
PK	17.2364G	63.60	68.20	-4.60	44.54	3	Vertical	288	2.13	-	41.37	12.72	35.03

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

5745MHz_TX

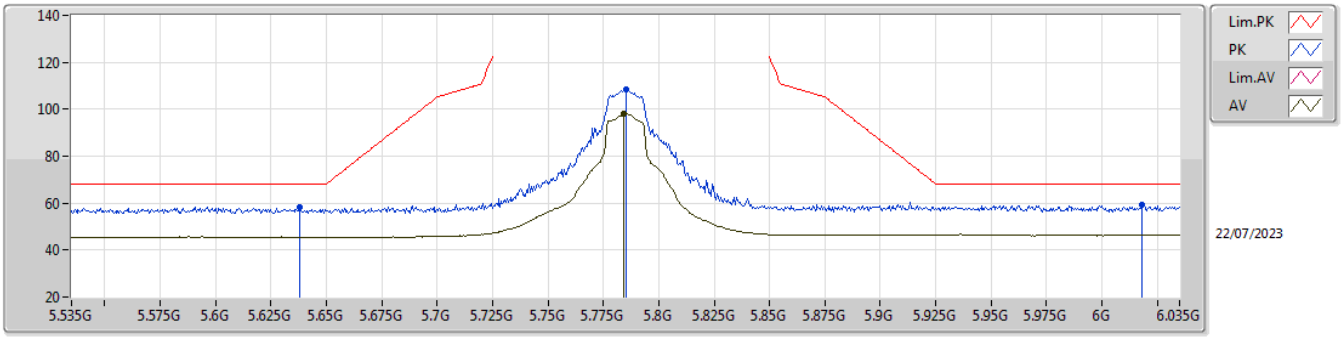


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49121G	58.38	74.00	-15.62	42.56	3	Horizontal	229	1.64	-	40.10	10.35	34.63
AV	11.48616G	44.24	54.00	-9.76	28.42	3	Horizontal	229	1.64	-	40.10	10.35	34.63
PK	17.23808G	63.42	68.20	-4.78	44.35	3	Horizontal	54	1.01	-	41.38	12.72	35.03

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

5785MHz_TX

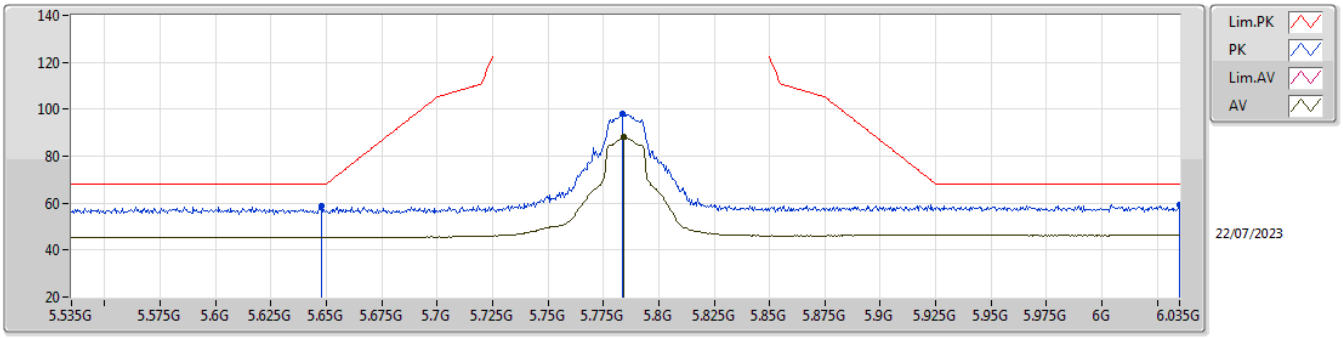


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.638G	58.39	68.20	-9.81	51.81	3	Vertical	194	1.00	-	31.82	7.22	32.46
PK	5.785G	108.29	Inf	-Inf	101.09	3	Vertical	194	1.00	-	32.27	7.34	32.41
AV	5.784G	98.13	Inf	-Inf	90.93	3	Vertical	194	1.00	-	32.27	7.34	32.41
PK	6.018G	59.43	68.20	-8.77	51.85	3	Vertical	194	1.00	-	32.54	7.41	32.37

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

5785MHz_TX

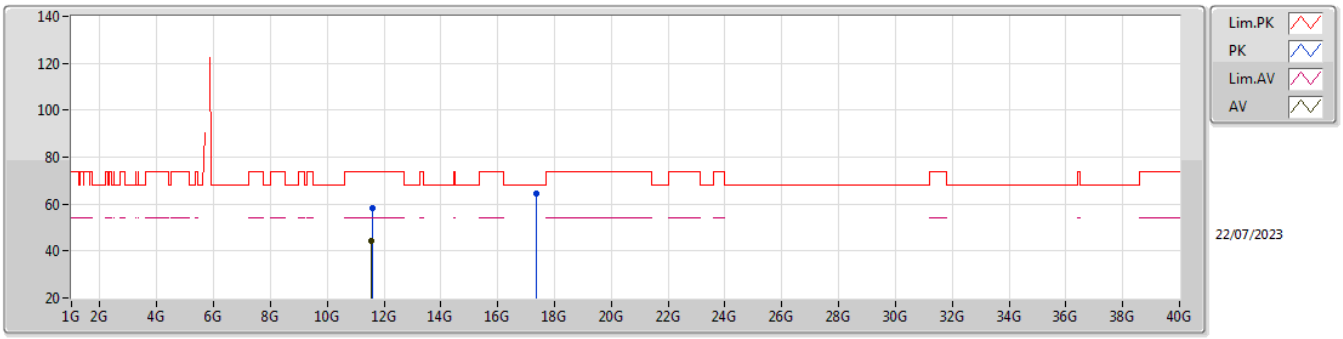


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	58.80	68.20	-9.40	52.22	3	Horizontal	74	1.80	-	31.80	7.23	32.45
PK	5.7835G	98.06	Inf	-Inf	90.86	3	Horizontal	74	1.80	-	32.27	7.34	32.41
AV	5.784G	88.02	Inf	-Inf	80.82	3	Horizontal	74	1.80	-	32.27	7.34	32.41
PK	6.035G	59.53	68.20	-8.67	51.93	3	Horizontal	74	1.80	-	32.57	7.42	32.39

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

5785MHz_TX

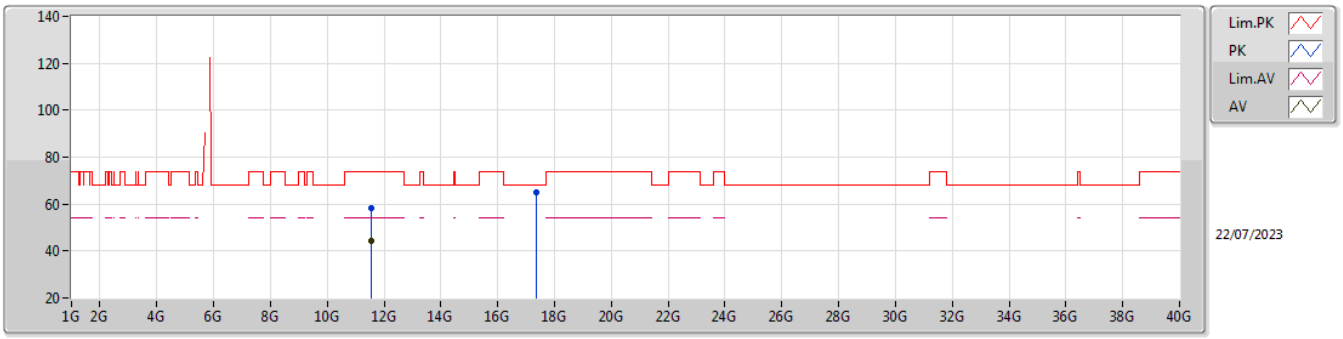


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57379G	58.49	74.00	-15.51	42.81	3	Vertical	207	2.84	-	39.95	10.37	34.64
AV	11.56844G	44.18	54.00	-9.82	28.49	3	Vertical	207	2.84	-	39.96	10.37	34.64
PK	17.35663G	64.67	68.20	-3.53	45.01	3	Vertical	125	2.61	-	42.07	12.77	35.18

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

5785MHz_TX

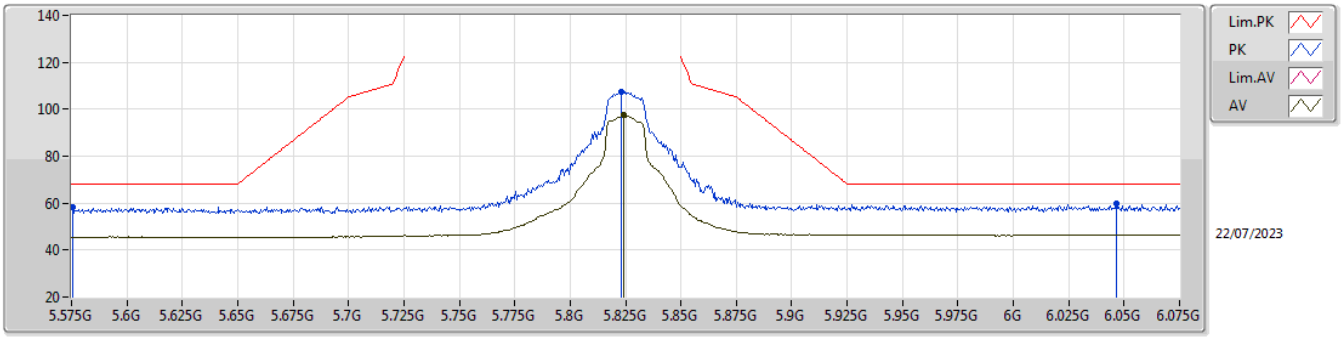


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57186G	58.42	74.00	-15.58	42.73	3	Horizontal	346	1.33	-	39.96	10.37	34.64
AV	11.56621G	44.21	54.00	-9.79	28.51	3	Horizontal	346	1.33	-	39.97	10.37	34.64
PK	17.35479G	65.09	68.20	-3.11	45.45	3	Horizontal	36	1.02	-	42.05	12.77	35.18

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

5825MHz_TX

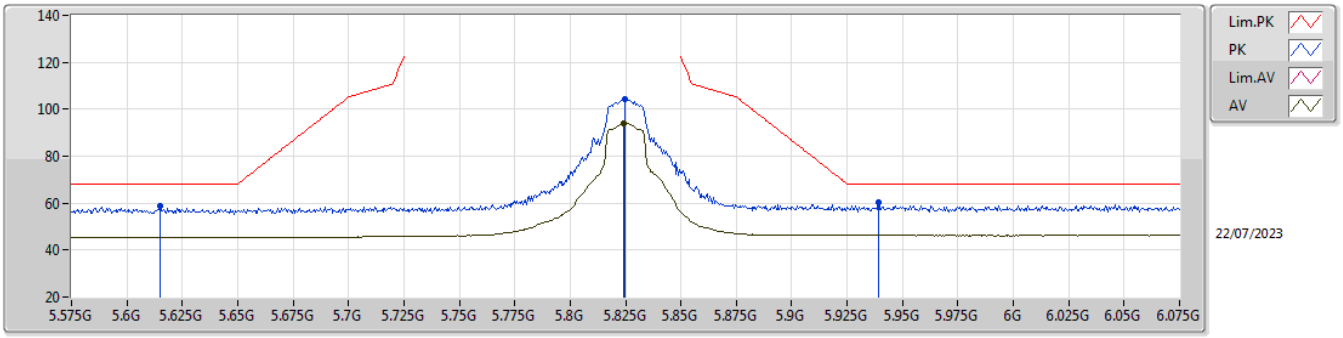


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.5755G	58.44	68.20	-9.76	51.78	3	Vertical	194	1.01	-	31.90	7.24	32.48
PK	5.823G	107.61	Inf	-Inf	100.35	3	Vertical	194	1.01	-	32.30	7.36	32.40
AV	5.824G	97.49	Inf	-Inf	90.23	3	Vertical	194	1.01	-	32.30	7.36	32.40
PK	6.0465G	59.88	68.20	-8.32	52.27	3	Vertical	194	1.01	-	32.59	7.43	32.41

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

5825MHz_TX

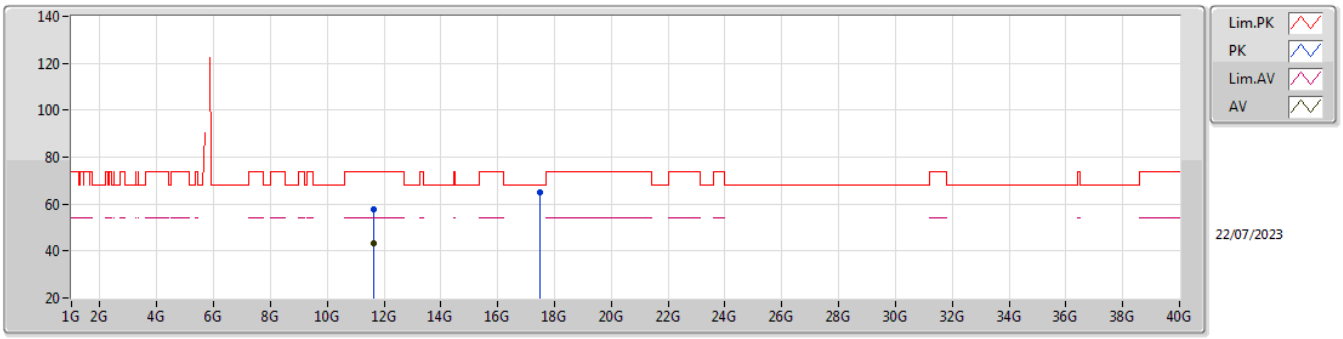


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.615G	58.62	68.20	-9.58	52.01	3	Horizontal	345	1.01	-	31.87	7.20	32.46
PK	5.8245G	104.22	Inf	-Inf	96.96	3	Horizontal	345	1.01	-	32.30	7.36	32.40
AV	5.824G	94.07	Inf	-Inf	86.81	3	Horizontal	345	1.01	-	32.30	7.36	32.40
PK	5.939G	60.13	68.20	-8.07	52.51	3	Horizontal	345	1.01	-	32.60	7.38	32.36

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

5825MHz_TX

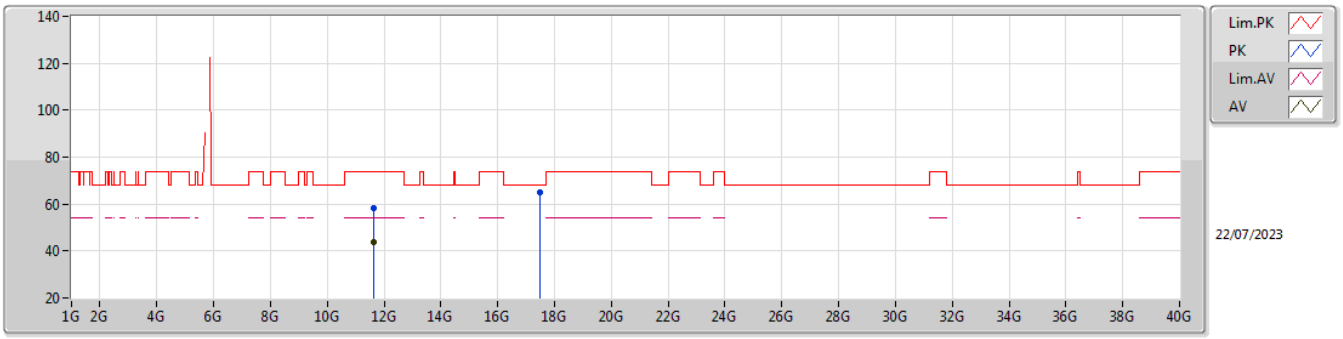


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64979G	57.78	74.00	-16.22	42.43	3	Vertical	49	2.36	-	39.60	10.39	34.64
AV	11.64933G	43.45	54.00	-10.55	28.10	3	Vertical	49	2.36	-	39.60	10.39	34.64
PK	17.47045G	65.03	68.20	-3.17	44.33	3	Vertical	249	1.65	-	43.20	12.82	35.32

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

5825MHz_TX

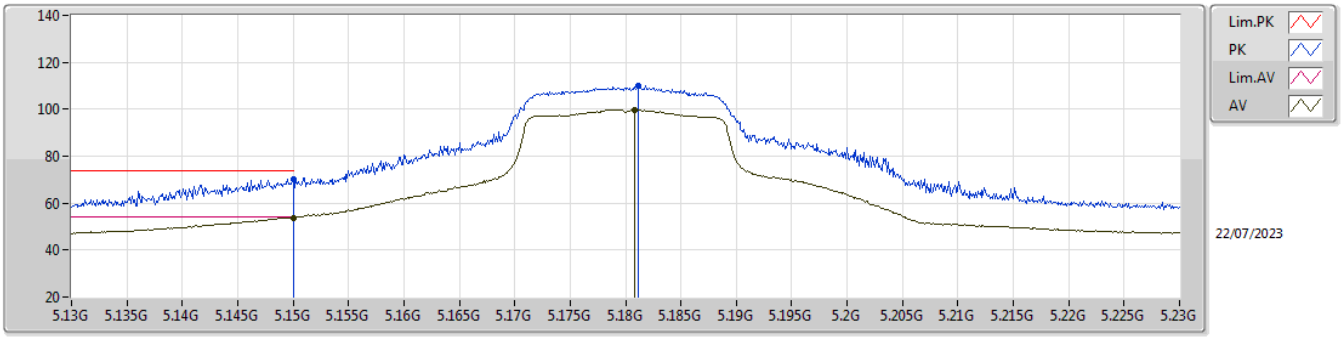


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64577G	58.34	74.00	-15.66	42.96	3	Horizontal	188	1.17	-	39.63	10.39	34.64
AV	11.64572G	43.55	54.00	-10.45	28.17	3	Horizontal	188	1.17	-	39.63	10.39	34.64
PK	17.47078G	65.19	68.20	-3.01	44.48	3	Horizontal	262	2.92	-	43.21	12.82	35.32

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

5180MHz_TX

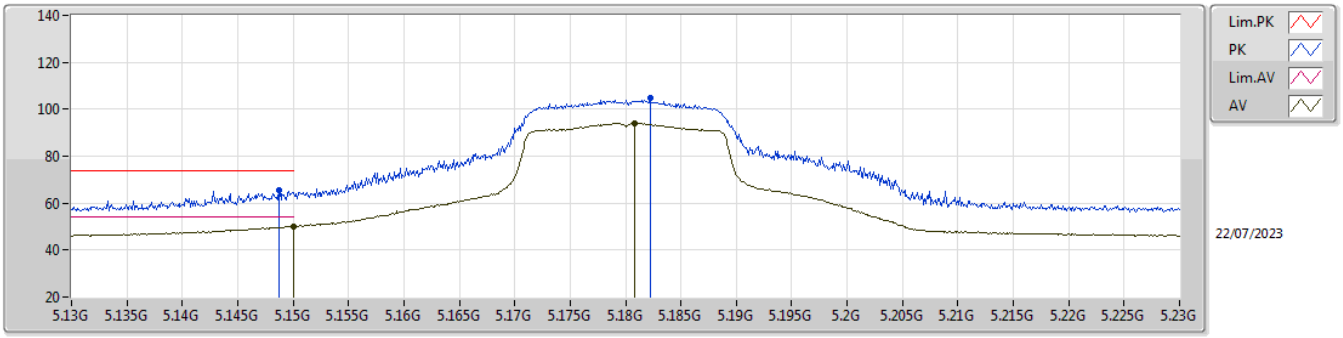


EUT Y_1TX
Setting 19
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	70.10	74.00	-3.90	63.55	3	Vertical	222	1.05	-	31.90	7.11	32.46
AV	5.15G	53.86	54.00	-0.14	47.31	3	Vertical	222	1.05	-	31.90	7.11	32.46
PK	5.1811G	110.10	Inf	-Inf	103.56	3	Vertical	222	1.05	-	31.84	7.16	32.46
AV	5.1808G	99.90	Inf	-Inf	93.36	3	Vertical	222	1.05	-	31.84	7.16	32.46

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

5180MHz_TX

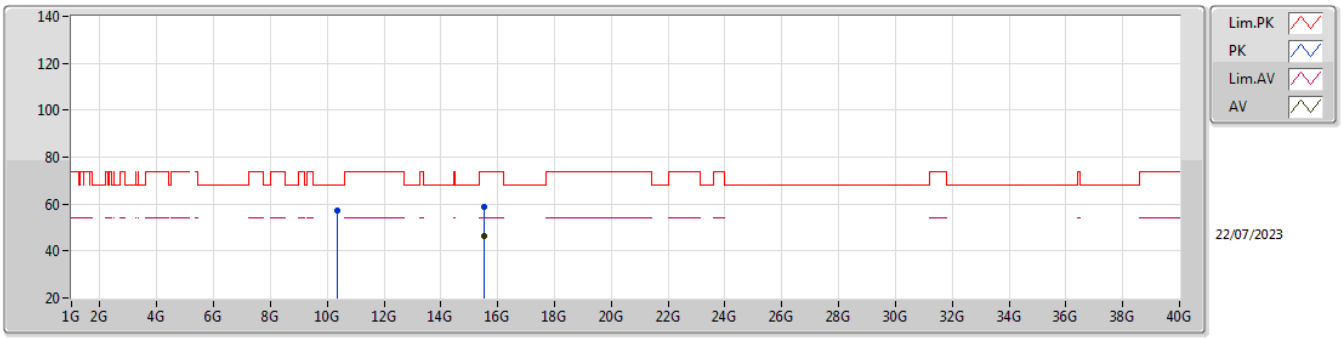


EUT Y_1TX
Setting 19
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1487G	65.69	74.00	-8.31	59.15	3	Horizontal	42	1.05	-	31.90	7.10	32.46
AV	5.15G	50.16	54.00	-3.84	43.61	3	Horizontal	42	1.05	-	31.90	7.11	32.46
PK	5.1822G	104.91	Inf	-Inf	98.36	3	Horizontal	42	1.05	-	31.84	7.17	32.46
AV	5.1808G	94.13	Inf	-Inf	87.59	3	Horizontal	42	1.05	-	31.84	7.16	32.46

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

5180MHz_TX

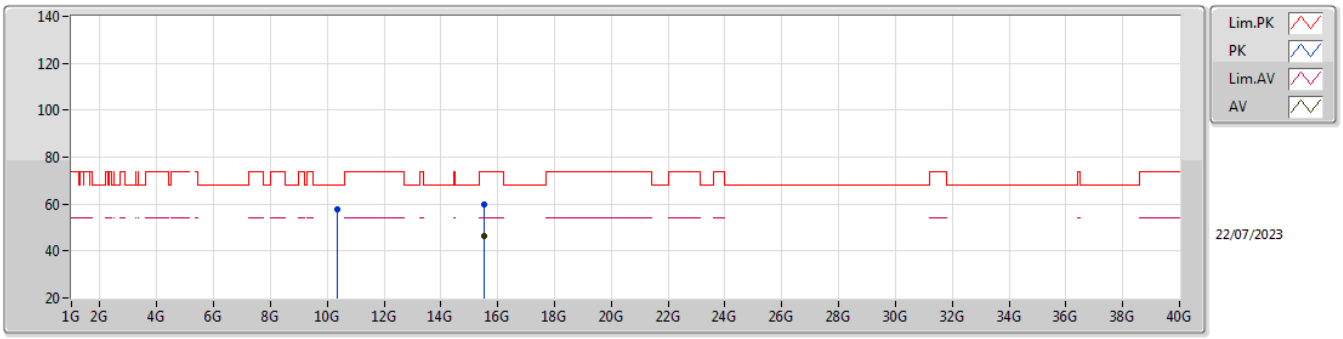


EUT Y_1TX
Setting 19
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35531G	57.50	68.20	-10.70	42.12	3	Vertical	90	2.85	-	39.92	10.06	34.60
PK	15.53995G	58.98	74.00	-15.02	43.38	3	Vertical	312	1.16	-	38.46	11.96	34.82
AV	15.54117G	46.49	54.00	-7.51	30.90	3	Vertical	312	1.16	-	38.45	11.96	34.82

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

5180MHz_TX

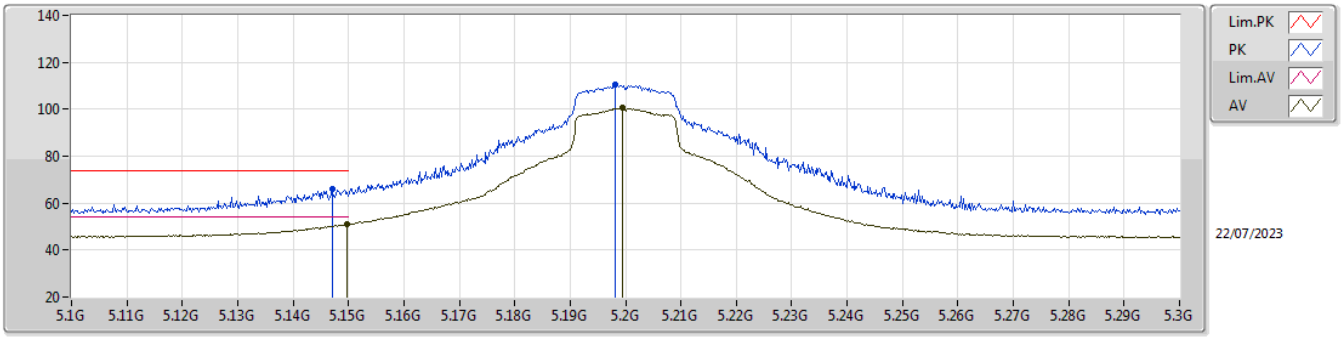


EUT Y_1TX
Setting 19
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3596G	57.92	68.20	-10.28	42.52	3	Horizontal	329	2.30	-	39.94	10.06	34.60
PK	15.53824G	60.02	74.00	-13.98	44.41	3	Horizontal	252	1.61	-	38.47	11.96	34.82
AV	15.54185G	46.60	54.00	-7.40	31.01	3	Horizontal	252	1.61	-	38.45	11.96	34.82

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

5200MHz_TX

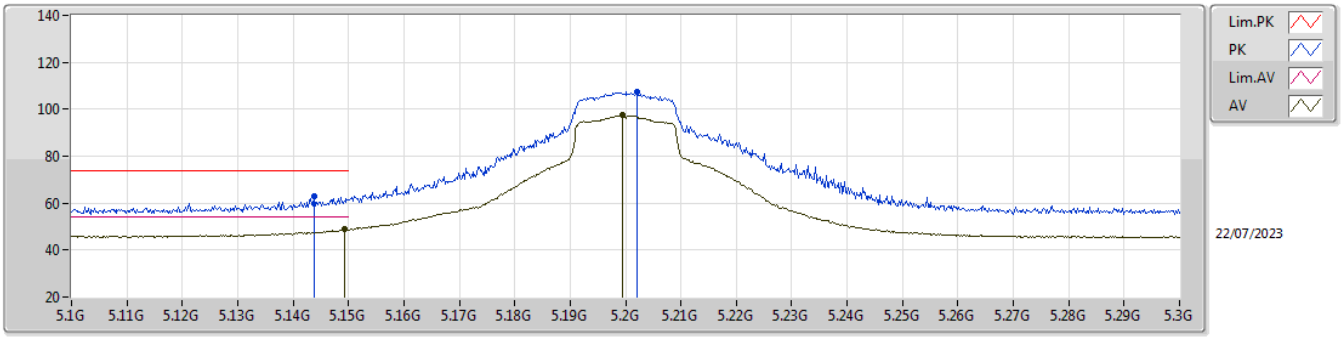


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	65.97	74.00	-8.03	59.42	3	Vertical	60	1.07	-	31.91	7.10	32.46
AV	5.1498G	50.89	54.00	-3.11	44.35	3	Vertical	60	1.07	-	31.90	7.10	32.46
PK	5.1982G	110.44	Inf	-Inf	103.90	3	Vertical	60	1.07	-	31.80	7.20	32.46
AV	5.1994G	100.44	Inf	-Inf	93.90	3	Vertical	60	1.07	-	31.80	7.20	32.46

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

5200MHz_TX

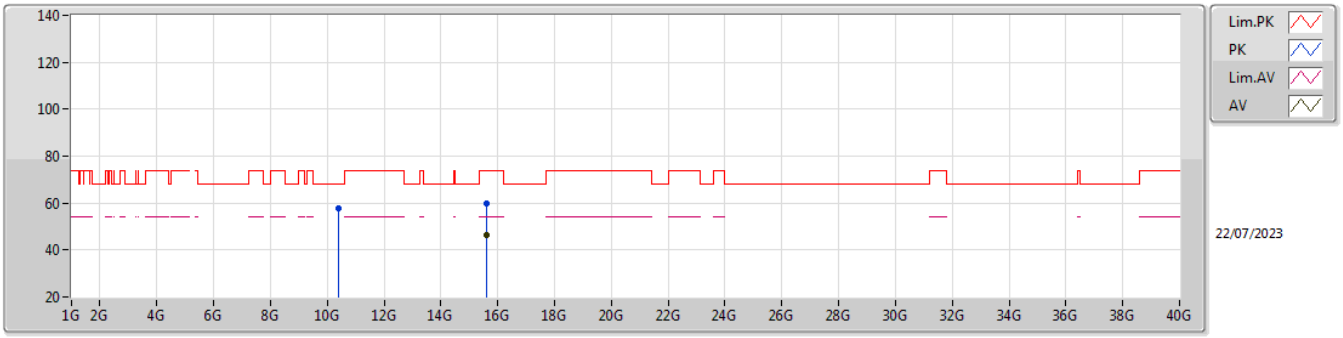


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1438G	63.08	74.00	-10.92	56.54	3	Horizontal	33	1.00	-	31.91	7.09	32.46
AV	5.1492G	48.74	54.00	-5.26	42.20	3	Horizontal	33	1.00	-	31.90	7.10	32.46
PK	5.202G	107.54	Inf	-Inf	101.01	3	Horizontal	33	1.00	-	31.79	7.20	32.46
AV	5.1994G	97.37	Inf	-Inf	90.83	3	Horizontal	33	1.00	-	31.80	7.20	32.46

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

5200MHz_TX

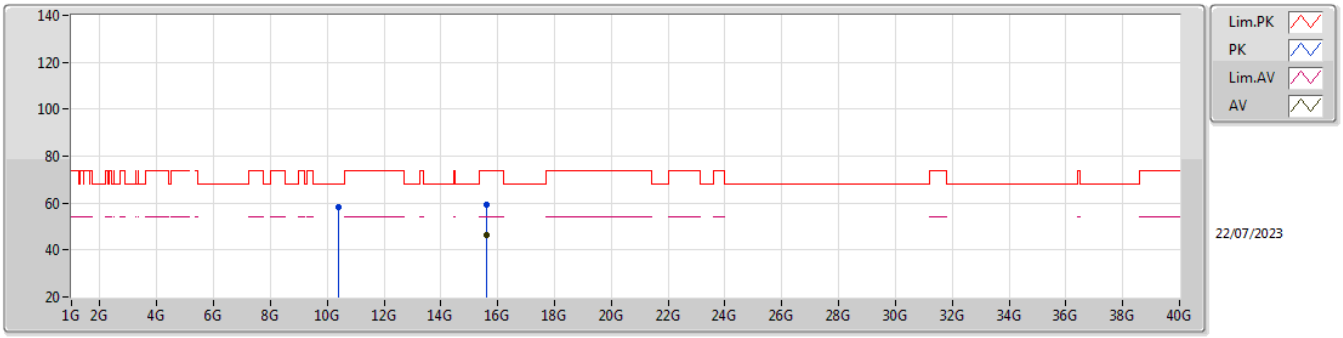


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.396G	57.73	68.20	-10.47	42.21	3	Vertical	308	2.71	-	40.08	10.07	34.63
PK	15.60073G	59.72	74.00	-14.28	44.44	3	Vertical	257	2.07	-	38.10	11.99	34.81
AV	15.60032G	46.61	54.00	-7.39	31.33	3	Vertical	257	2.07	-	38.10	11.99	34.81

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

5200MHz_TX

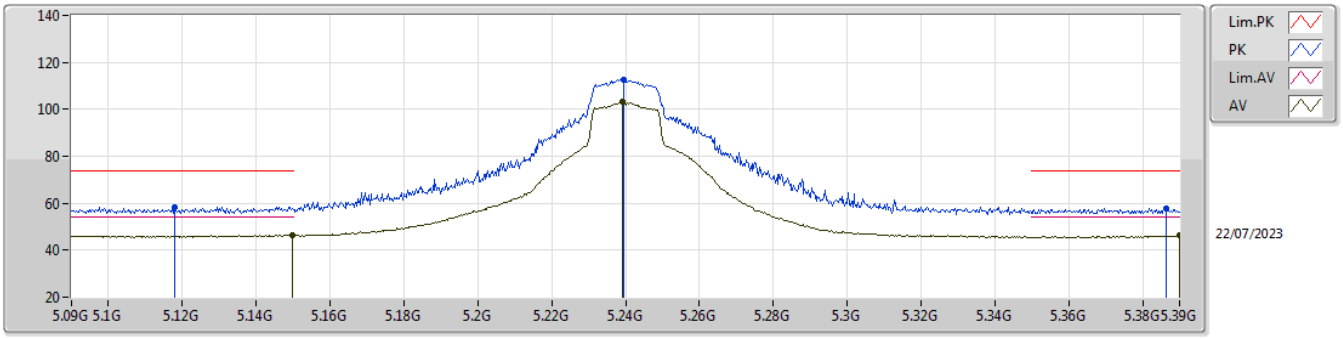


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4034G	58.11	68.20	-10.09	42.57	3	Horizontal	87	1.29	-	40.10	10.07	34.63
PK	15.60216G	59.41	74.00	-14.59	44.13	3	Horizontal	38	1.32	-	38.10	11.99	34.81
AV	15.5987G	46.53	54.00	-7.47	31.24	3	Horizontal	38	1.32	-	38.11	11.99	34.81

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

5240MHz_TX

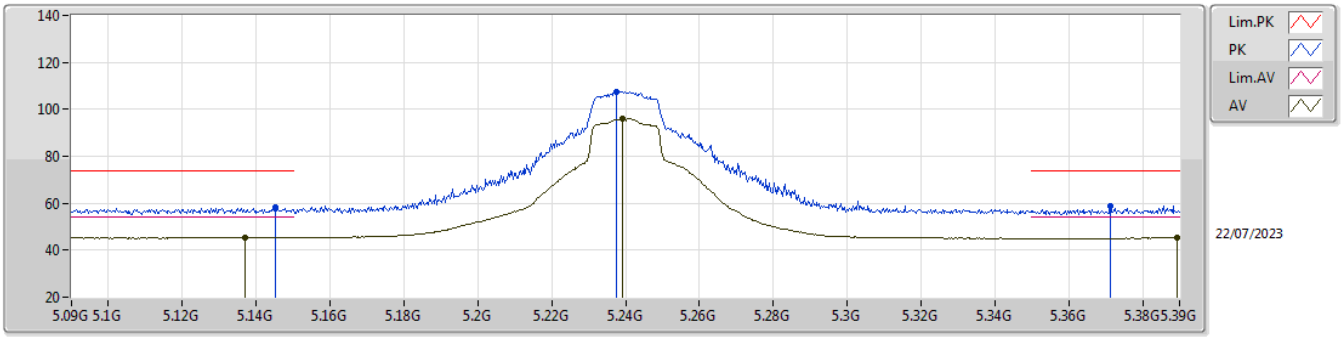


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1179G	58.48	74.00	-15.52	51.93	3	Vertical	135.2	1.00	-	31.96	7.04	32.45
AV	5.1497G	46.55	54.00	-7.45	40.01	3	Vertical	135.2	1.00	-	31.90	7.10	32.46
PK	5.2394G	112.75	Inf	-Inf	106.31	3	Vertical	135.2	1.00	-	31.64	7.27	32.47
AV	5.2391G	103.19	Inf	-Inf	96.75	3	Vertical	135.2	1.00	-	31.64	7.27	32.47
PK	5.3864G	57.87	74.00	-16.13	51.36	3	Vertical	135.2	1.00	-	31.45	7.55	32.49
AV	5.39G	46.21	54.00	-7.79	39.68	3	Vertical	135.2	1.00	-	31.46	7.56	32.49

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

5240MHz_TX

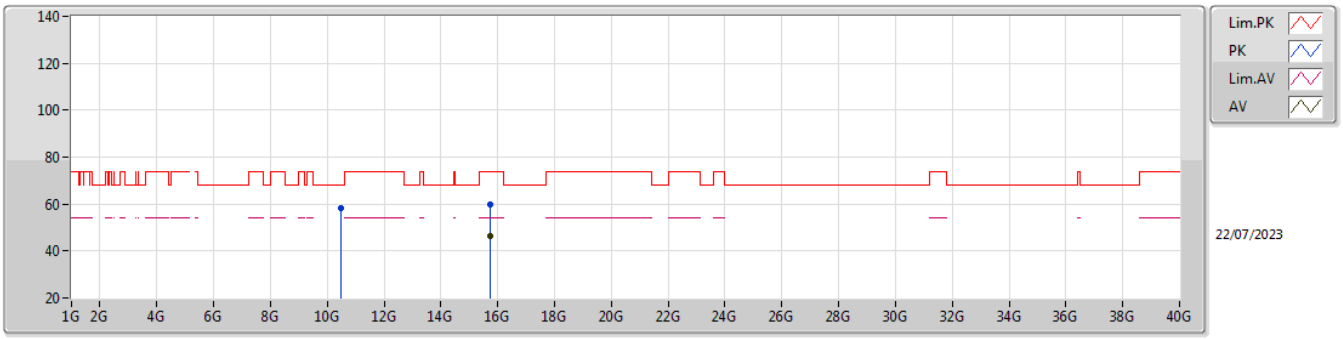


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1452G	58.48	74.00	-15.52	51.93	3	Horizontal	31	1.01	-	31.91	7.10	32.46
AV	5.1371G	45.43	54.00	-8.57	38.88	3	Horizontal	31	1.01	-	31.93	7.08	32.46
PK	5.2376G	107.57	Inf	-Inf	101.12	3	Horizontal	31	1.01	-	31.65	7.27	32.47
AV	5.2391G	96.17	Inf	-Inf	89.73	3	Horizontal	31	1.01	-	31.64	7.27	32.47
PK	5.3714G	58.95	74.00	-15.05	52.51	3	Horizontal	31	1.01	-	31.39	7.53	32.48
AV	5.3894G	45.32	54.00	-8.68	38.79	3	Horizontal	31	1.01	-	31.46	7.56	32.49

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

5240MHz_TX

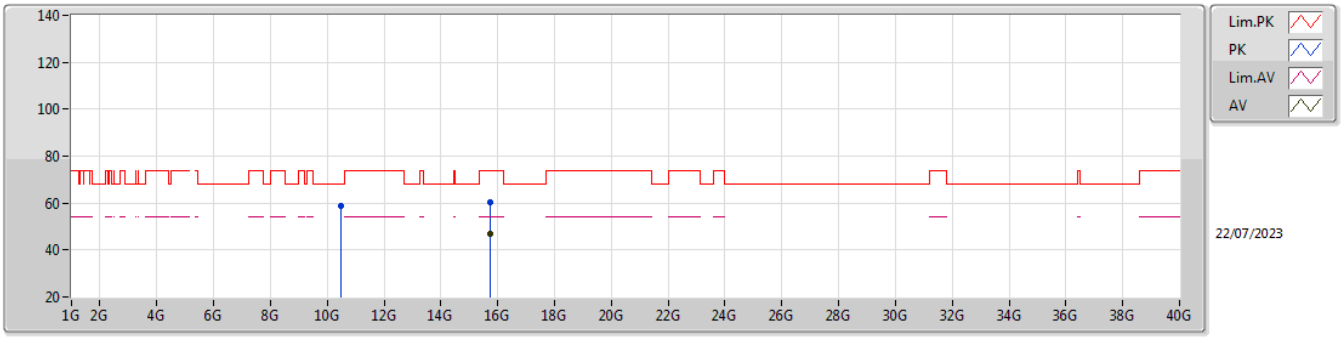


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47692G	58.08	68.20	-10.12	42.49	3	Vertical	41	1.84	-	40.18	10.09	34.68
PK	15.72101G	59.84	74.00	-14.16	44.69	3	Vertical	81	2.60	-	37.90	12.06	34.81
AV	15.72063G	46.62	54.00	-7.38	31.47	3	Vertical	81	2.60	-	37.90	12.06	34.81

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

5240MHz_TX

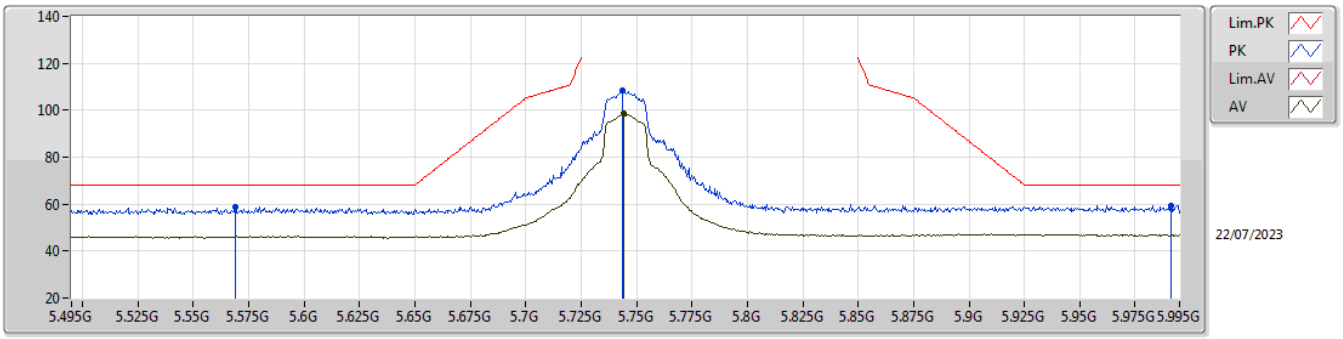


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48213G	58.80	68.20	-9.40	43.22	3	Horizontal	287	1.73	-	40.18	10.09	34.69
PK	15.71632G	60.56	74.00	-13.44	45.41	3	Horizontal	237	2.33	-	37.90	12.06	34.81
AV	15.72208G	46.72	54.00	-7.28	31.57	3	Horizontal	237	2.33	-	37.90	12.06	34.81

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

5745MHz_TX

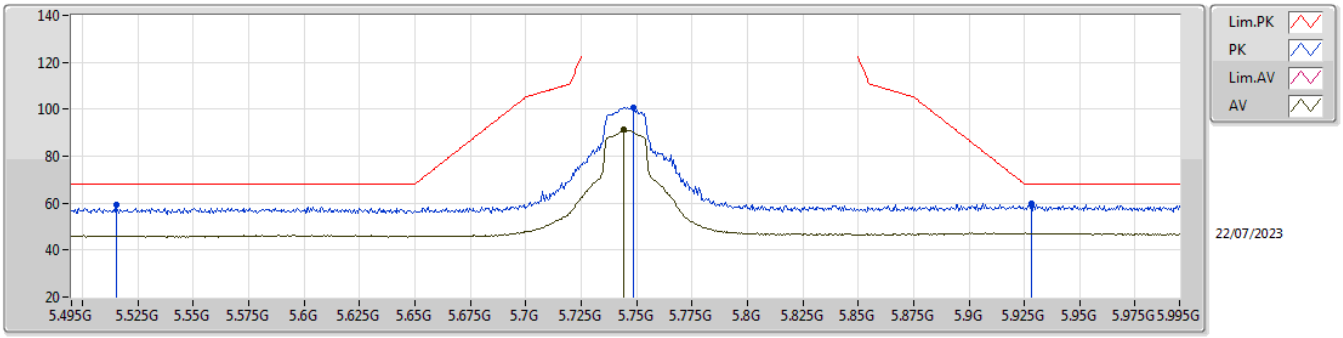


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.569G	58.94	68.20	-9.26	52.27	3	Vertical	160	2.32	-	31.90	7.25	32.48
PK	5.7435G	108.70	Inf	-Inf	101.65	3	Vertical	160	2.32	-	32.17	7.30	32.42
AV	5.744G	98.47	Inf	-Inf	91.40	3	Vertical	160	2.32	-	32.18	7.31	32.42
PK	5.991G	59.25	68.20	-8.95	51.67	3	Vertical	160	2.32	-	32.52	7.40	32.34

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

5745MHz_TX

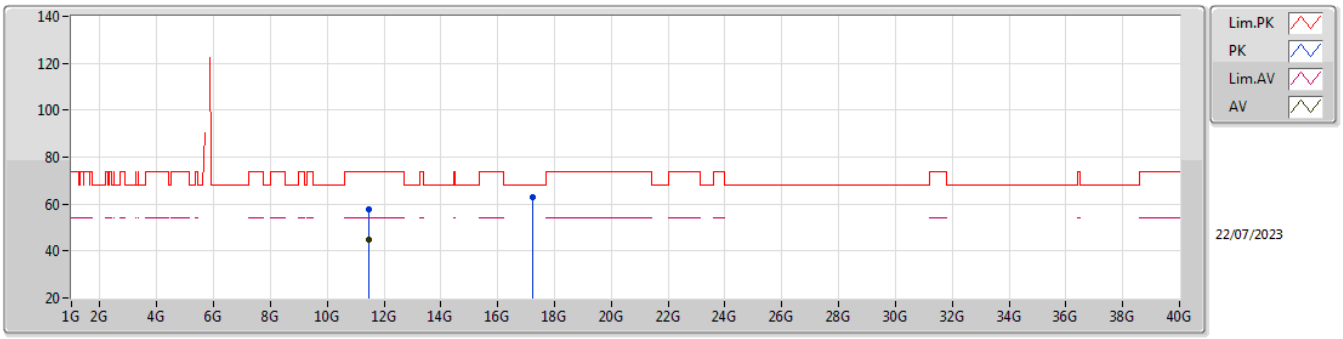


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.515G	59.21	68.20	-8.99	52.45	3	Horizontal	78	1.80	-	31.90	7.36	32.50
PK	5.7485G	100.94	Inf	-Inf	93.86	3	Horizontal	78	1.80	-	32.19	7.31	32.42
AV	5.744G	91.36	Inf	-Inf	84.29	3	Horizontal	78	1.80	-	32.18	7.31	32.42
PK	5.928G	59.81	68.20	-8.39	52.19	3	Horizontal	78	1.80	-	32.60	7.38	32.36

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

5745MHz_TX

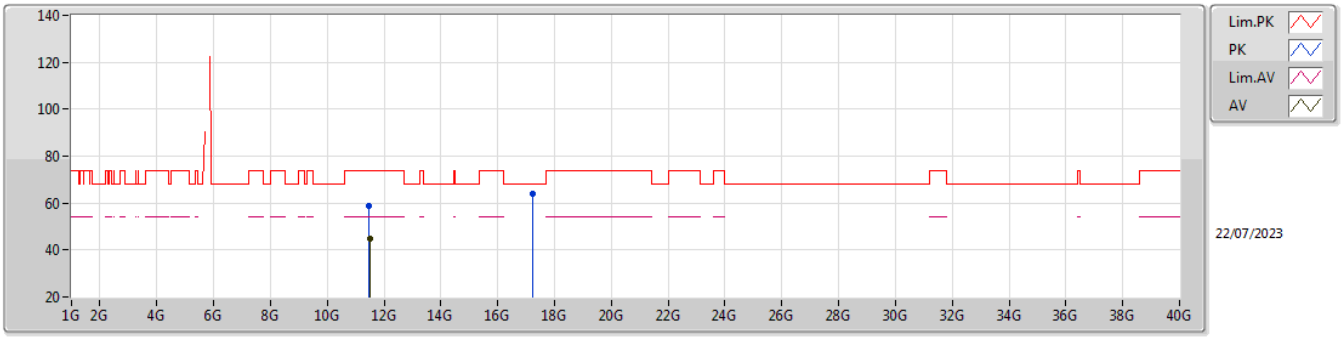


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48058G	57.65	74.00	-16.35	41.83	3	Vertical	137	2.02	-	40.10	10.35	34.63
AV	11.48242G	44.90	54.00	-9.10	29.08	3	Vertical	137	2.02	-	40.10	10.35	34.63
PK	17.23553G	63.01	68.20	-5.19	43.95	3	Vertical	280	1.31	-	41.37	12.72	35.03

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

5745MHz_TX

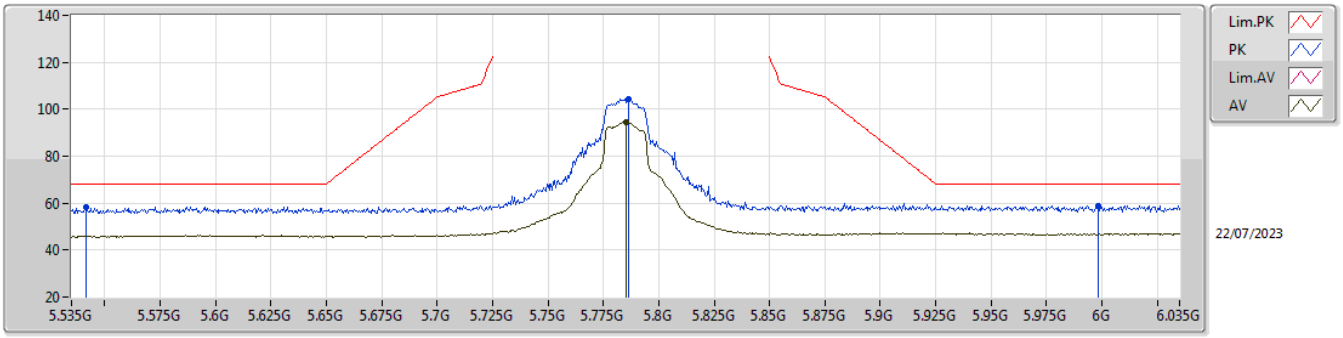


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48667G	58.65	74.00	-15.35	42.83	3	Horizontal	74	2.51	-	40.10	10.35	34.63
AV	11.48704G	45.07	54.00	-8.93	29.25	3	Horizontal	74	2.51	-	40.10	10.35	34.63
PK	17.23565G	63.78	68.20	-4.42	44.72	3	Horizontal	172	3.00	-	41.37	12.72	35.03

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

5785MHz_TX

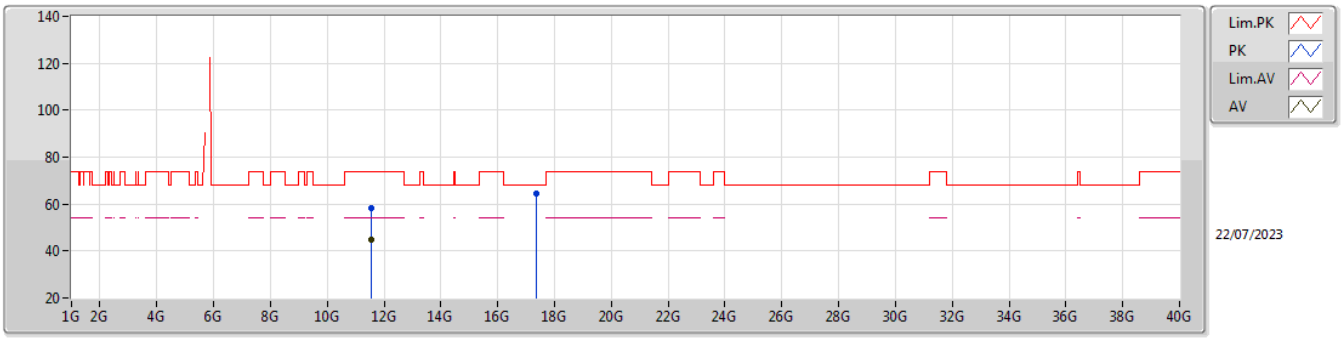


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.5415G	58.43	68.20	-9.77	51.72	3	Horizontal	348	1.02	-	31.90	7.30	32.49
PK	5.7865G	104.22	Inf	-Inf	97.02	3	Horizontal	348	1.02	-	32.27	7.34	32.41
AV	5.7855G	94.71	Inf	-Inf	87.51	3	Horizontal	348	1.02	-	32.27	7.34	32.41
PK	5.9985G	58.90	68.20	-9.30	51.34	3	Horizontal	348	1.02	-	32.50	7.40	32.34

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

5785MHz_TX

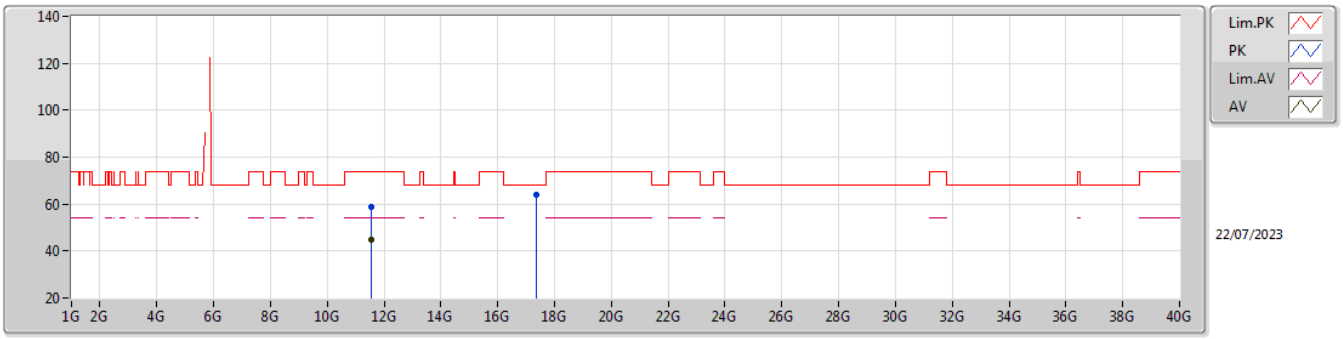


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56601G	58.25	74.00	-15.75	42.55	3	Vertical	29	1.00	-	39.97	10.37	34.64
AV	11.56653G	45.03	54.00	-8.97	29.33	3	Vertical	29	1.00	-	39.97	10.37	34.64
PK	17.35081G	64.68	68.20	-3.52	45.07	3	Vertical	191	2.00	-	42.01	12.77	35.17

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

5785MHz_TX

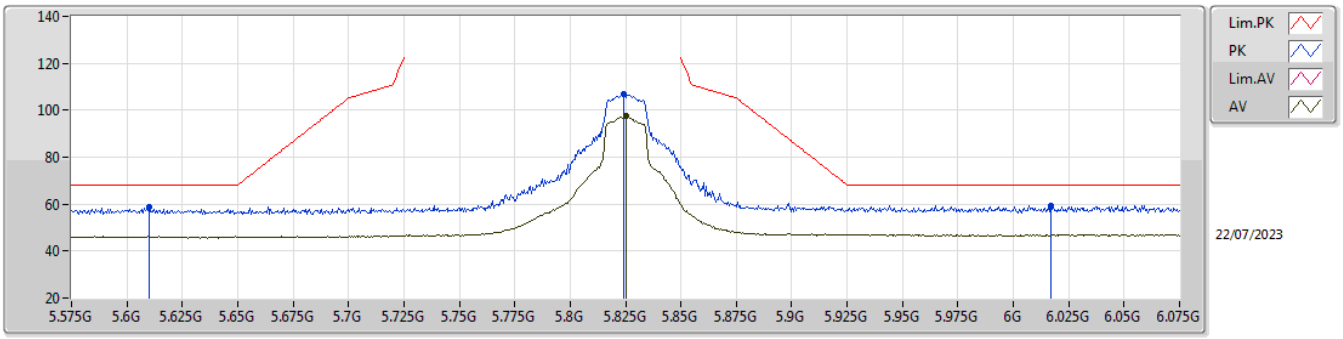


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56976G	58.62	74.00	-15.38	42.93	3	Horizontal	11	1.70	-	39.96	10.37	34.64
AV	11.57067G	44.90	54.00	-9.10	29.21	3	Horizontal	11	1.70	-	39.96	10.37	34.64
PK	17.35238G	64.10	68.20	-4.10	44.48	3	Horizontal	346	2.93	-	42.02	12.77	35.17

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

5825MHz_TX

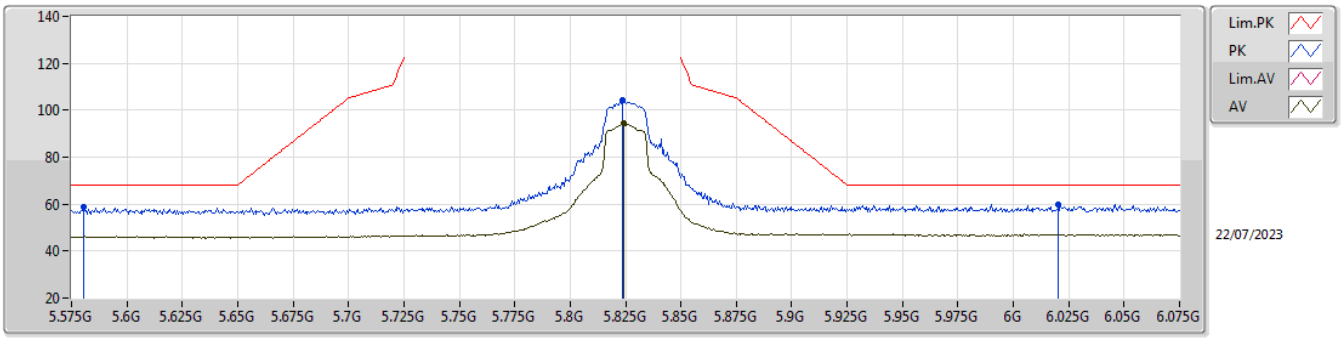


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.61G	58.87	68.20	-9.33	52.25	3	Vertical	196	1.00	-	31.88	7.20	32.46
PK	5.824G	107.15	Inf	-Inf	99.89	3	Vertical	196	1.00	-	32.30	7.36	32.40
AV	5.8255G	97.45	Inf	-Inf	90.19	3	Vertical	196	1.00	-	32.30	7.36	32.40
PK	6.017G	59.51	68.20	-8.69	51.93	3	Vertical	196	1.00	-	32.53	7.41	32.36

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

5825MHz_TX

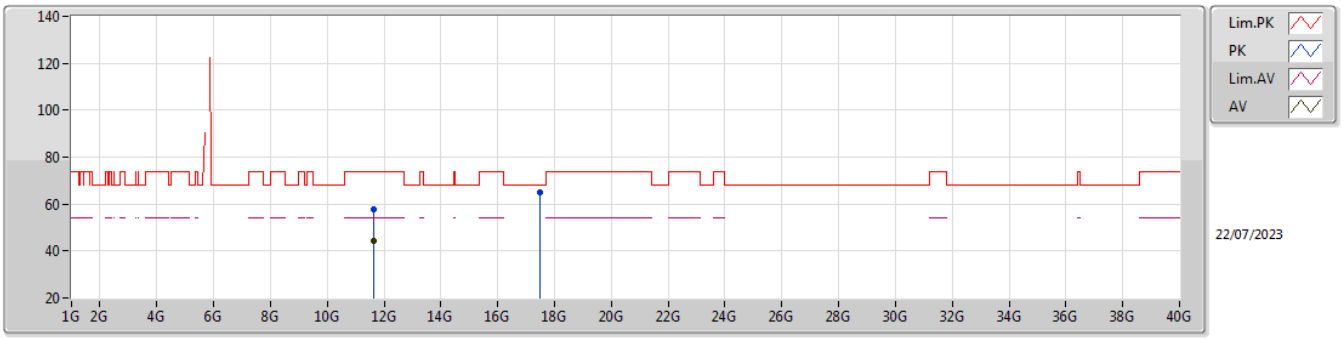


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.5805G	58.65	68.20	-9.55	51.99	3	Horizontal	345	1.03	-	31.90	7.23	32.47
PK	5.8235G	104.47	Inf	-Inf	97.21	3	Horizontal	345	1.03	-	32.30	7.36	32.40
AV	5.824G	94.28	Inf	-Inf	87.02	3	Horizontal	345	1.03	-	32.30	7.36	32.40
PK	6.0205G	59.91	68.20	-8.29	52.33	3	Horizontal	345	1.03	-	32.54	7.41	32.37

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

5825MHz_TX

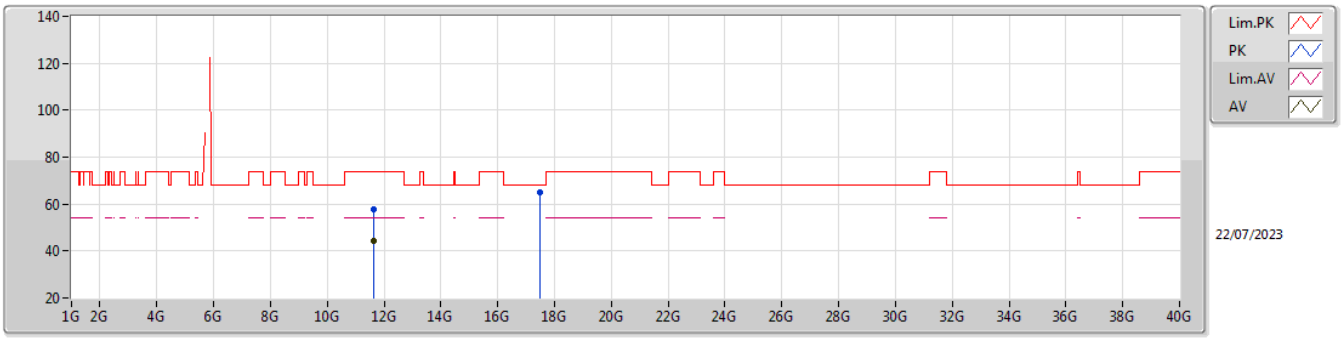


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64882G	57.74	74.00	-16.26	42.38	3	Vertical	265	2.68	-	39.61	10.39	34.64
AV	11.64895G	44.09	54.00	-9.91	28.73	3	Vertical	265	2.68	-	39.61	10.39	34.64
PK	17.47025G	65.04	68.20	-3.16	44.34	3	Vertical	321	1.68	-	43.20	12.82	35.32

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

5825MHz_TX

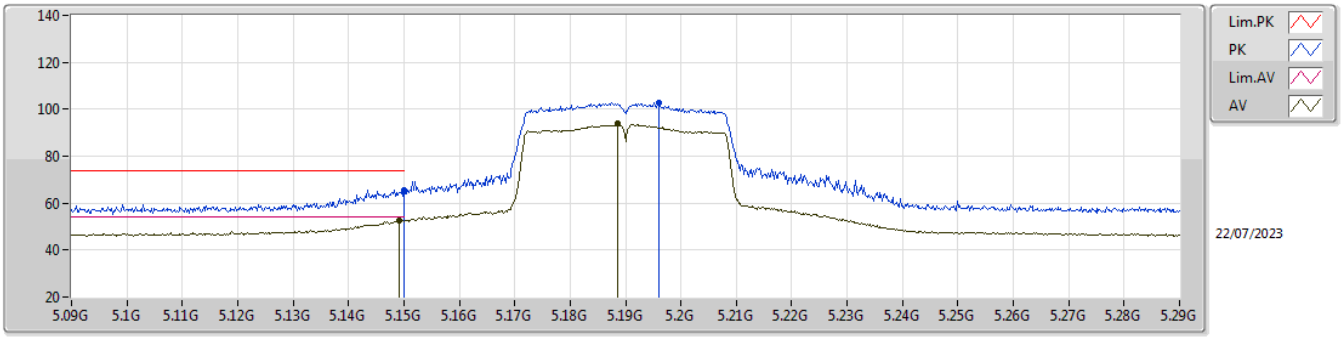


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6505G	57.58	74.00	-16.42	42.24	3	Horizontal	118	2.34	-	39.60	10.39	34.65
AV	11.64841G	44.44	54.00	-9.56	29.08	3	Horizontal	118	2.34	-	39.61	10.39	34.64
PK	17.47657G	64.98	68.20	-3.22	44.22	3	Horizontal	318	2.25	-	43.27	12.82	35.33

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

5190MHz_TX

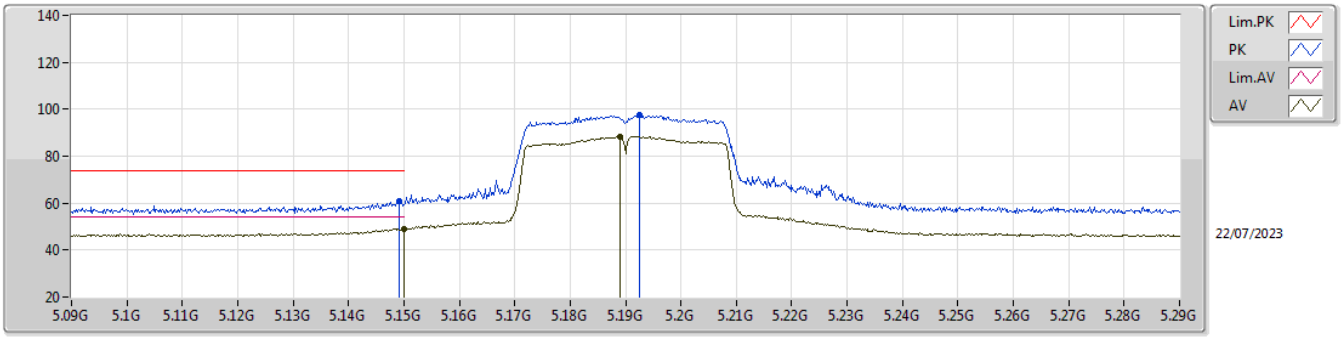


EUT Y_1TX
Setting 14
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	65.57	74.00	-8.43	59.02	3	Vertical	223	1.02	-	31.90	7.11	32.46
AV	5.1492G	52.48	54.00	-1.52	45.94	3	Vertical	223	1.02	-	31.90	7.10	32.46
PK	5.196G	102.77	Inf	-Inf	96.23	3	Vertical	223	1.02	-	31.81	7.19	32.46
AV	5.1886G	93.73	Inf	-Inf	87.19	3	Vertical	223	1.02	-	31.82	7.18	32.46

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

5190MHz_TX

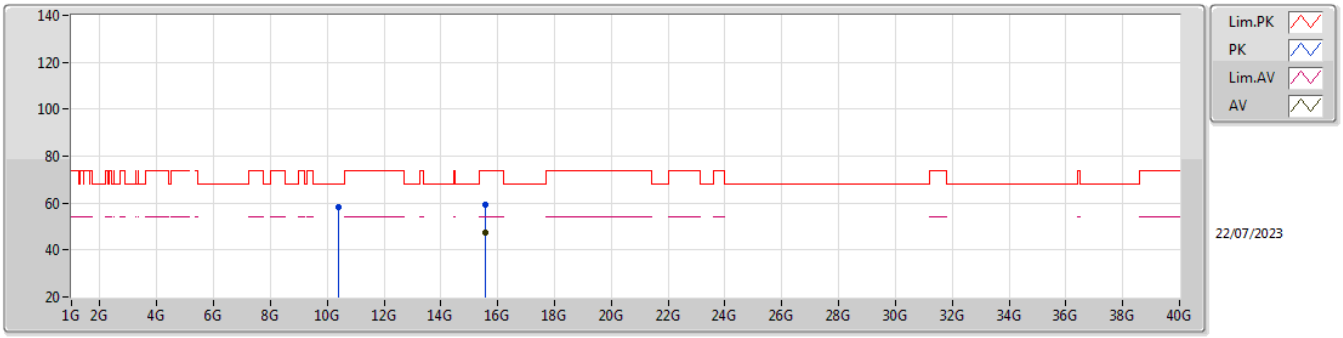


EUT Y_1TX
Setting 14
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	61.00	74.00	-13.00	54.46	3	Horizontal	31	1.07	-	31.90	7.10	32.46
AV	5.15G	49.20	54.00	-4.80	42.65	3	Horizontal	31	1.07	-	31.90	7.11	32.46
PK	5.1926G	97.36	Inf	-Inf	90.82	3	Horizontal	31	1.07	-	31.81	7.19	32.46
AV	5.189G	88.47	Inf	-Inf	81.93	3	Horizontal	31	1.07	-	31.82	7.18	32.46

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

5190MHz_TX

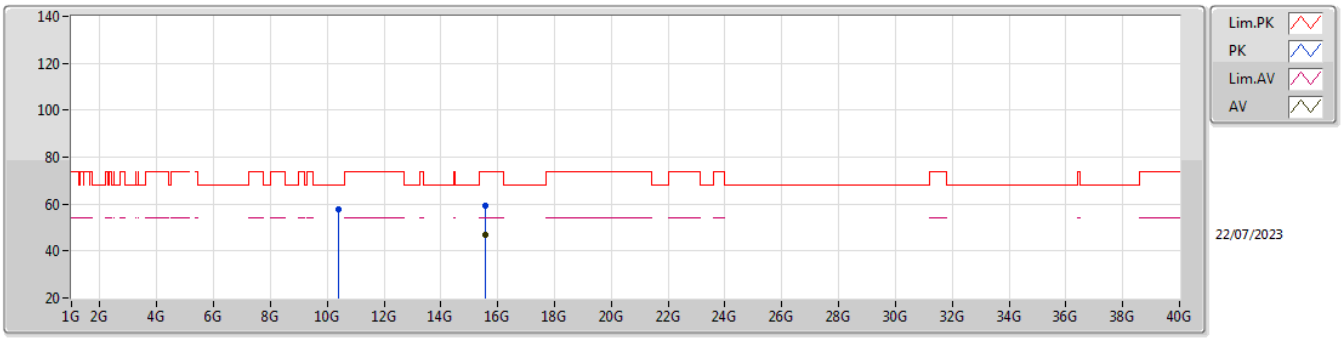


EUT Y_1TX
Setting 14
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37979G	58.37	68.20	-9.83	42.90	3	Vertical	235	1.66	-	40.02	10.07	34.62
PK	15.56769G	59.55	74.00	-14.45	44.11	3	Vertical	93	2.19	-	38.29	11.97	34.82
AV	15.56772G	47.20	54.00	-6.80	31.76	3	Vertical	93	2.19	-	38.29	11.97	34.82

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

5190MHz_TX

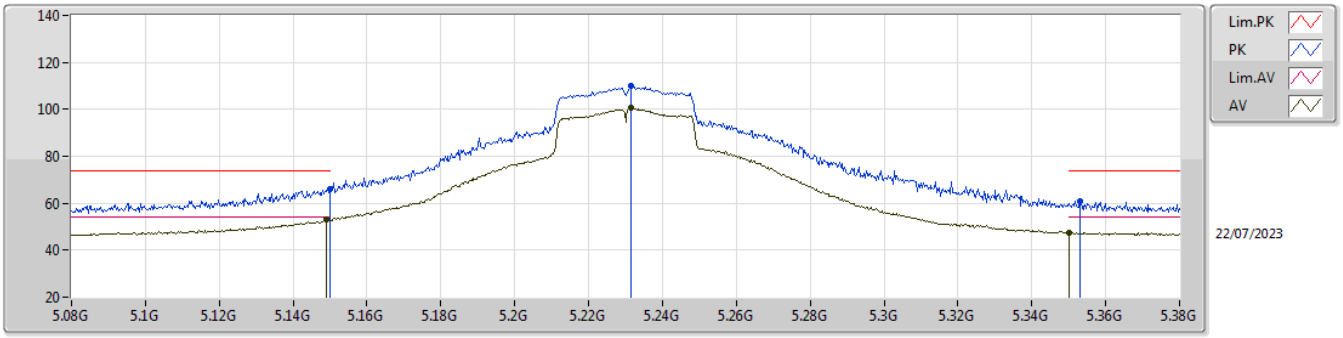


EUT Y_1TX
Setting 14
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38248G	57.88	68.20	-10.32	42.40	3	Horizontal	197	1.41	-	40.03	10.07	34.62
PK	15.57071G	59.12	74.00	-14.88	43.68	3	Horizontal	112	2.73	-	38.28	11.98	34.82
AV	15.56608G	47.04	54.00	-6.96	31.59	3	Horizontal	112	2.73	-	38.30	11.97	34.82

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

5230MHz_TX

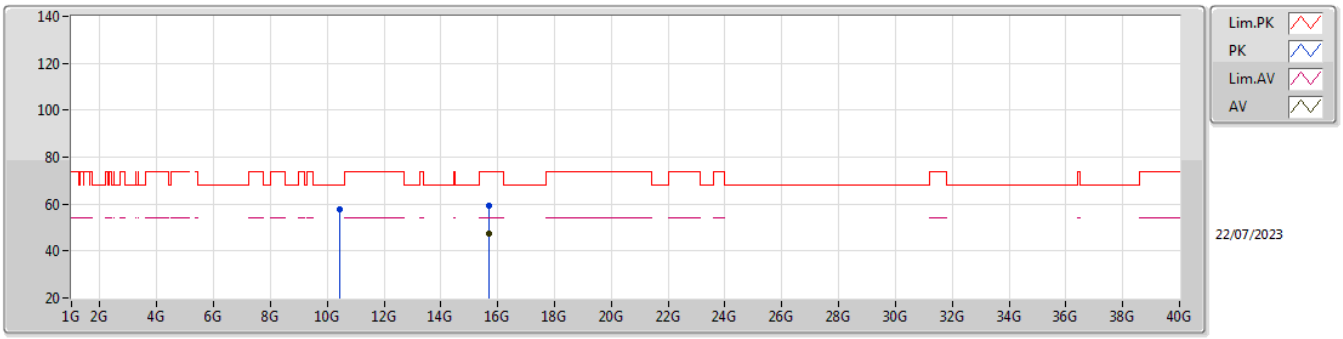


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1499G	66.21	74.00	-7.79	59.67	3	Vertical	94	1.00	-	31.90	7.10	32.46
AV	5.149G	53.11	54.00	-0.89	46.57	3	Vertical	94	1.00	-	31.90	7.10	32.46
PK	5.2315G	109.78	Inf	-Inf	103.32	3	Vertical	94	1.00	-	31.67	7.26	32.47
AV	5.2315G	100.63	Inf	-Inf	94.17	3	Vertical	94	1.00	-	31.67	7.26	32.47
PK	5.353G	61.05	74.00	-12.95	54.73	3	Vertical	94	1.00	-	31.31	7.49	32.48
AV	5.35G	47.59	54.00	-6.41	41.28	3	Vertical	94	1.00	-	31.30	7.49	32.48

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

5230MHz_TX

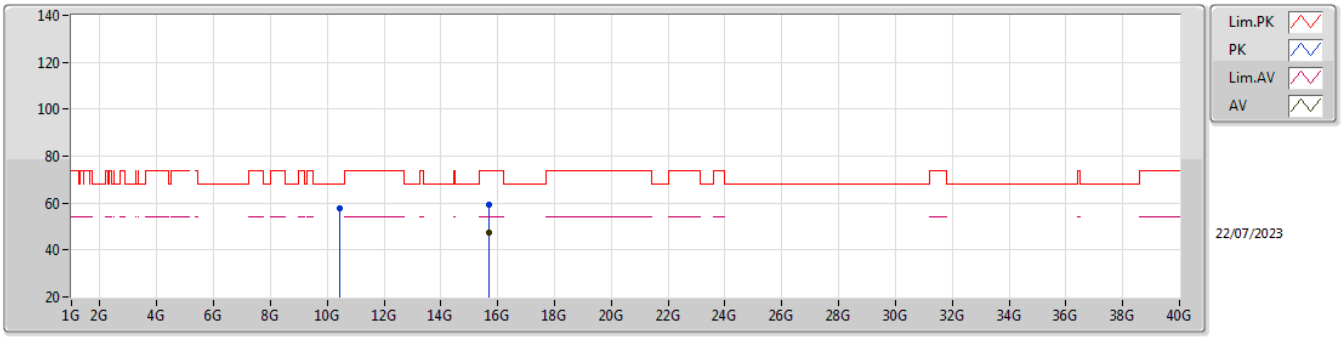


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45587G	57.65	68.20	-10.55	42.07	3	Vertical	324	2.09	-	40.16	10.09	34.67
PK	15.68558G	59.16	74.00	-14.84	44.00	3	Vertical	176	2.48	-	37.93	12.04	34.81
AV	15.69434G	47.34	54.00	-6.66	32.20	3	Vertical	118	1.55	-	37.91	12.04	34.81

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

5230MHz_TX

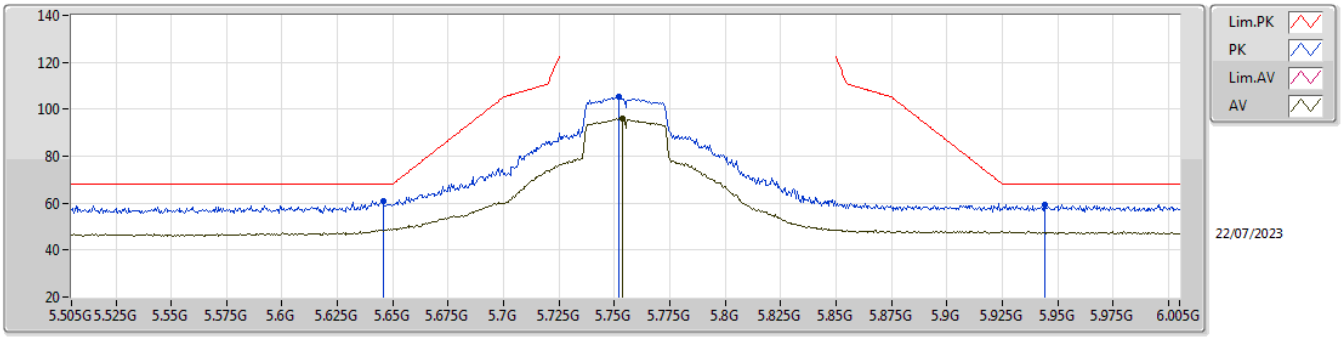


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46124G	57.67	68.20	-10.53	42.09	3	Horizontal	156	2.74	-	40.16	10.09	34.67
PK	15.68889G	59.34	74.00	-14.66	44.19	3	Horizontal	57	2.21	-	37.92	12.04	34.81
AV	15.6896G	47.34	54.00	-6.66	32.19	3	Horizontal	57	2.21	-	37.92	12.04	34.81

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

5755MHz_TX

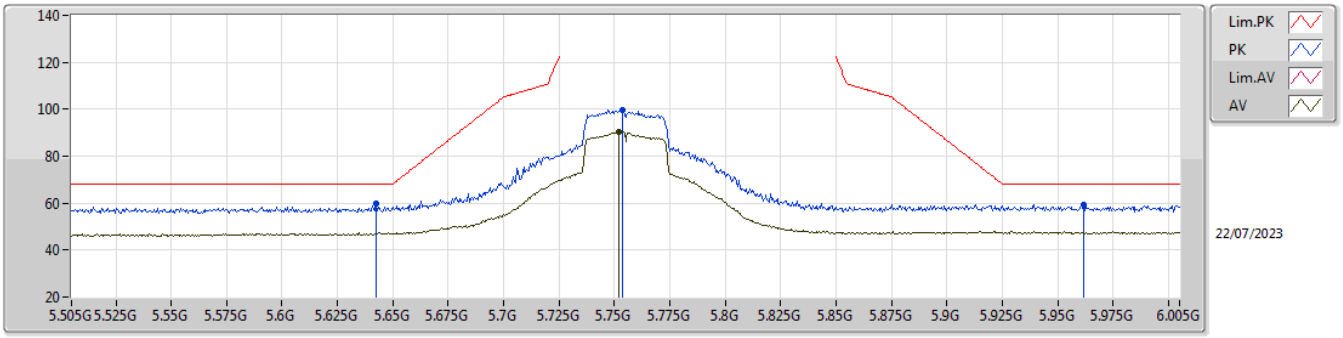


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6455G	60.92	68.20	-7.28	54.33	3	Vertical	161	2.41	-	31.81	7.23	32.45
PK	5.752G	105.13	Inf	-Inf	98.04	3	Vertical	161	2.41	-	32.20	7.31	32.42
AV	5.7535G	96.22	Inf	-Inf	89.12	3	Vertical	161	2.41	-	32.21	7.31	32.42
PK	5.944G	59.36	68.20	-8.84	51.73	3	Vertical	161	2.41	-	32.60	7.39	32.36

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

5755MHz_TX

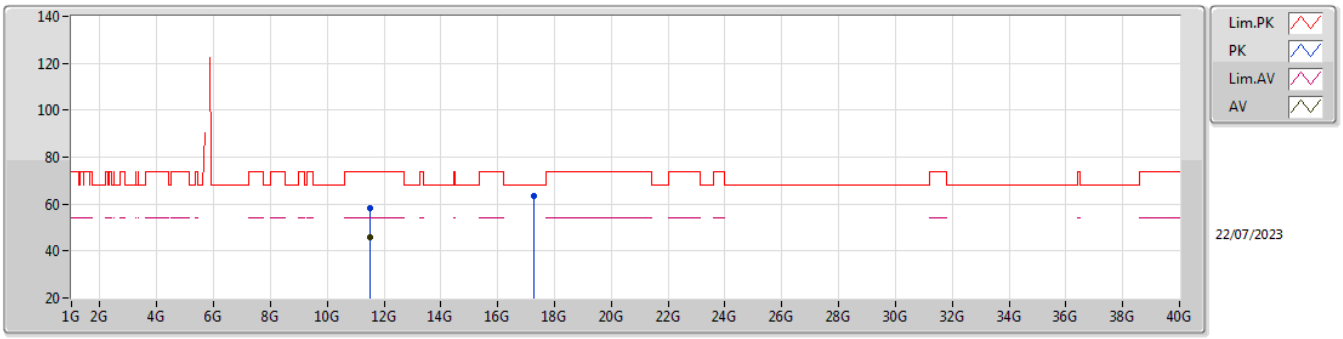


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6425G	59.67	68.20	-8.53	53.08	3	Horizontal	76	1.80	-	31.82	7.22	32.45
PK	5.7535G	99.73	Inf	-Inf	92.63	3	Horizontal	76	1.80	-	32.21	7.31	32.42
AV	5.752G	90.36	Inf	-Inf	83.27	3	Horizontal	76	1.80	-	32.20	7.31	32.42
PK	5.962G	59.55	68.20	-8.65	51.93	3	Horizontal	76	1.80	-	32.58	7.39	32.35

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

5755MHz_TX

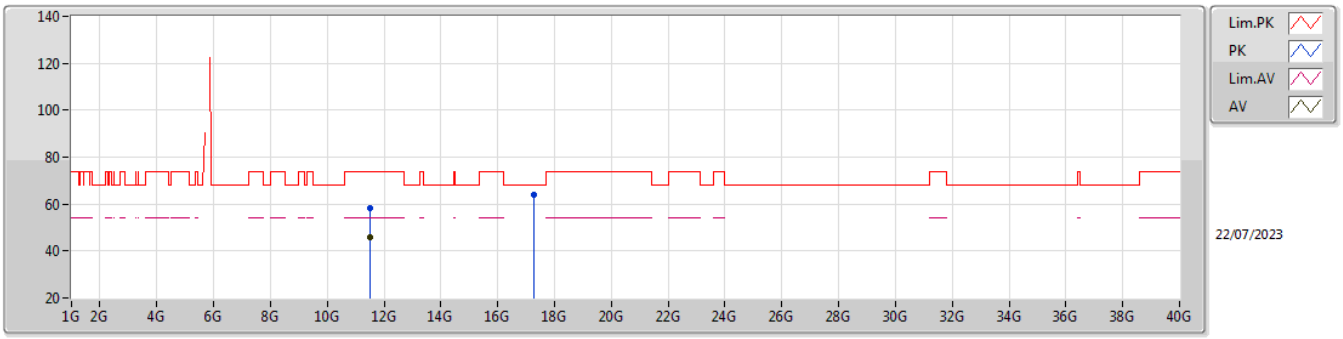


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50939G	58.32	74.00	-15.68	42.52	3	Vertical	51	1.97	-	40.08	10.35	34.63
AV	11.50921G	46.01	54.00	-7.99	30.21	3	Vertical	51	1.97	-	40.08	10.35	34.63
PK	17.26586G	63.53	68.20	-4.67	44.42	3	Vertical	99	1.41	-	41.43	12.74	35.06

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

5755MHz_TX

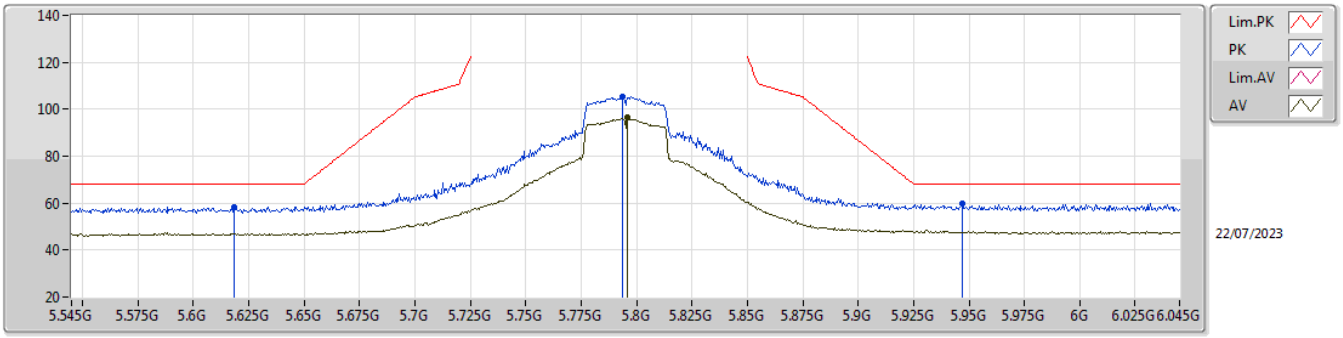


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51376G	58.41	74.00	-15.59	42.61	3	Horizontal	44	2.13	-	40.07	10.36	34.63
AV	11.5075G	45.90	54.00	-8.10	30.09	3	Horizontal	44	2.13	-	40.09	10.35	34.63
PK	17.26147G	63.92	68.20	-4.28	44.83	3	Horizontal	117	1.60	-	41.42	12.73	35.06

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

5795MHz_TX

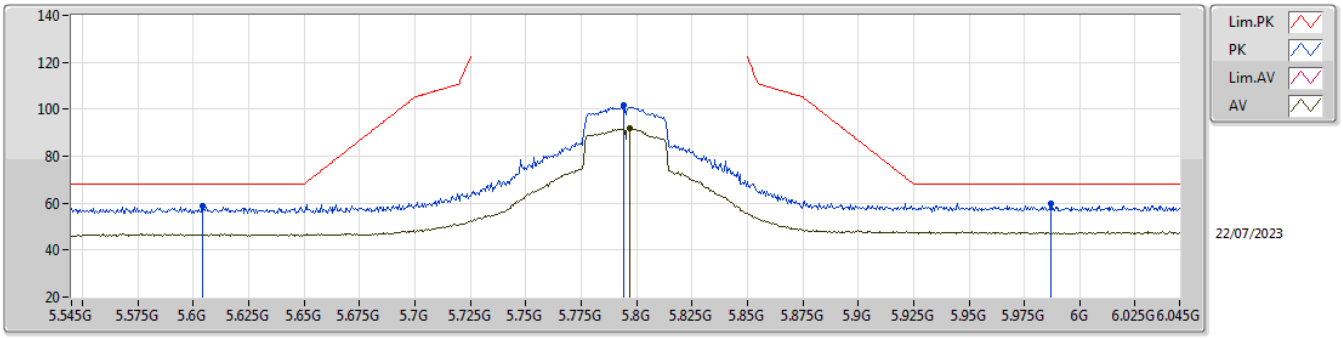


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6185G	58.42	68.20	-9.78	51.82	3	Vertical	194	1.00	-	31.86	7.20	32.46
PK	5.7935G	105.52	Inf	-Inf	98.30	3	Vertical	194	1.00	-	32.29	7.34	32.41
AV	5.796G	96.38	Inf	-Inf	89.15	3	Vertical	194	1.00	-	32.29	7.35	32.41
PK	5.947G	59.81	68.20	-8.39	52.18	3	Vertical	194	1.00	-	32.60	7.39	32.36

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

5795MHz_TX

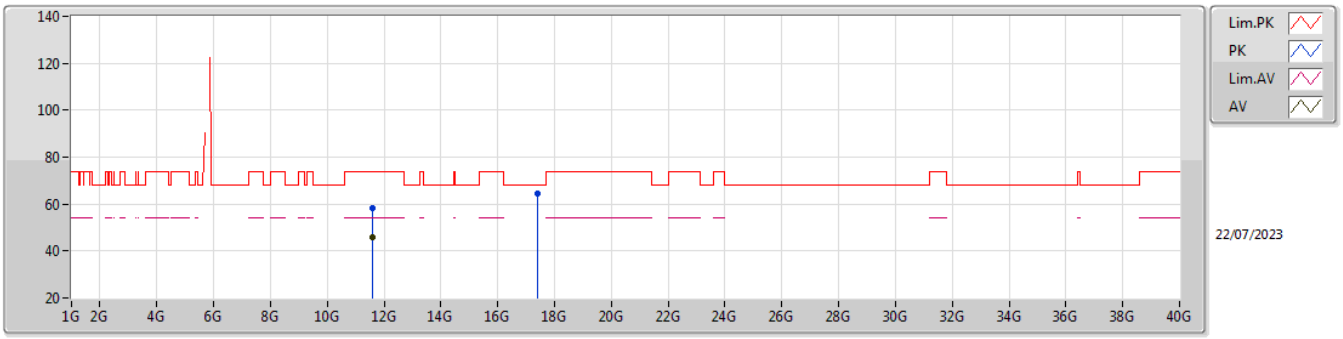


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.604G	58.91	68.20	-9.29	52.30	3	Horizontal	358	1.10	-	31.89	7.19	32.47
PK	5.794G	101.68	Inf	-Inf	94.45	3	Horizontal	358	1.10	-	32.29	7.35	32.41
AV	5.797G	92.03	Inf	-Inf	84.79	3	Horizontal	358	1.10	-	32.29	7.35	32.40
PK	5.987G	59.98	68.20	-8.22	52.39	3	Horizontal	358	1.10	-	32.53	7.40	32.34

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

5795MHz_TX

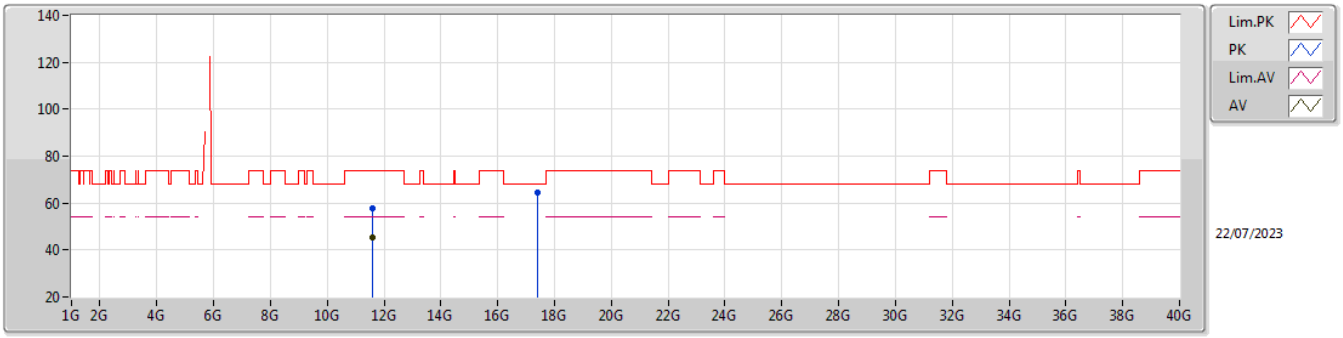


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59224G	58.24	74.00	-15.76	42.58	3	Vertical	126	1.22	-	39.92	10.38	34.64
AV	11.59032G	45.63	54.00	-8.37	29.97	3	Vertical	126	1.22	-	39.92	10.38	34.64
PK	17.38333G	64.74	68.20	-3.46	44.84	3	Vertical	245	1.08	-	42.33	12.78	35.21

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

5795MHz_TX

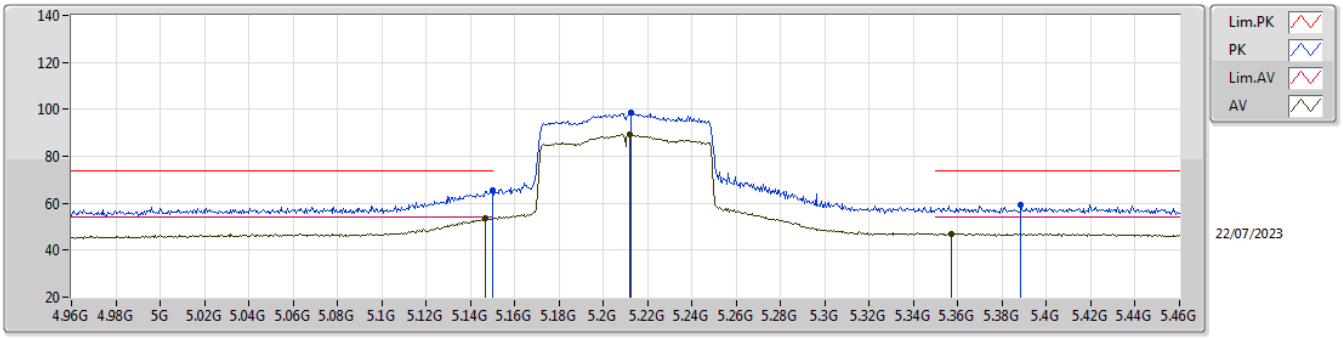


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59162G	57.71	74.00	-16.29	42.05	3	Horizontal	357	2.79	-	39.92	10.38	34.64
AV	11.59143G	45.55	54.00	-8.45	29.89	3	Horizontal	357	2.79	-	39.92	10.38	34.64
PK	17.38427G	64.60	68.20	-3.60	44.69	3	Horizontal	332	1.15	-	42.34	12.78	35.21

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

5210MHz_TX

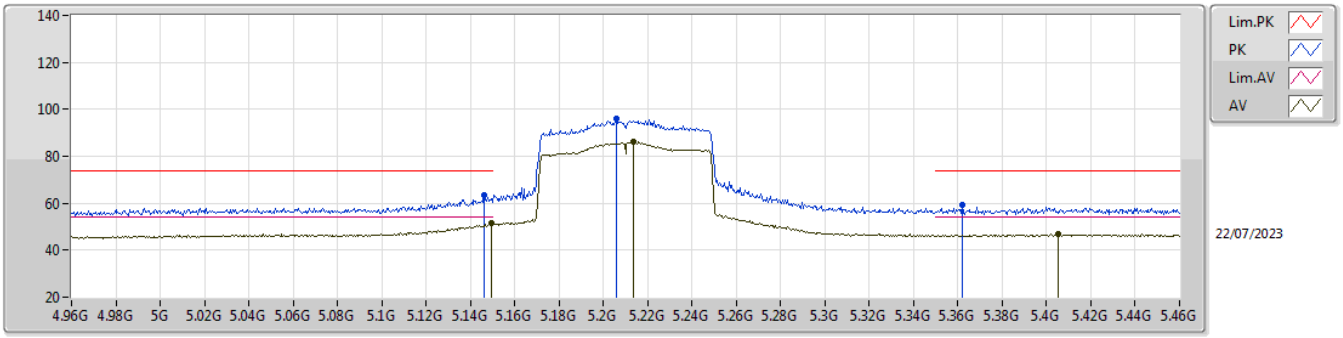


EUT Y_1TX
Setting 15
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	65.46	74.00	-8.54	58.91	3	Vertical	61	1.06	-	31.90	7.11	32.46
AV	5.1465G	53.61	54.00	-0.39	47.06	3	Vertical	61	1.06	-	31.91	7.10	32.46
PK	5.2125G	98.73	Inf	-Inf	92.23	3	Vertical	61	1.06	-	31.75	7.22	32.47
AV	5.212G	89.33	Inf	-Inf	82.83	3	Vertical	61	1.06	-	31.75	7.22	32.47
PK	5.3885G	59.27	74.00	-14.73	52.75	3	Vertical	61	1.06	-	31.45	7.56	32.49
AV	5.357G	47.15	54.00	-6.85	40.80	3	Vertical	61	1.06	-	31.33	7.50	32.48

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

5210MHz_TX

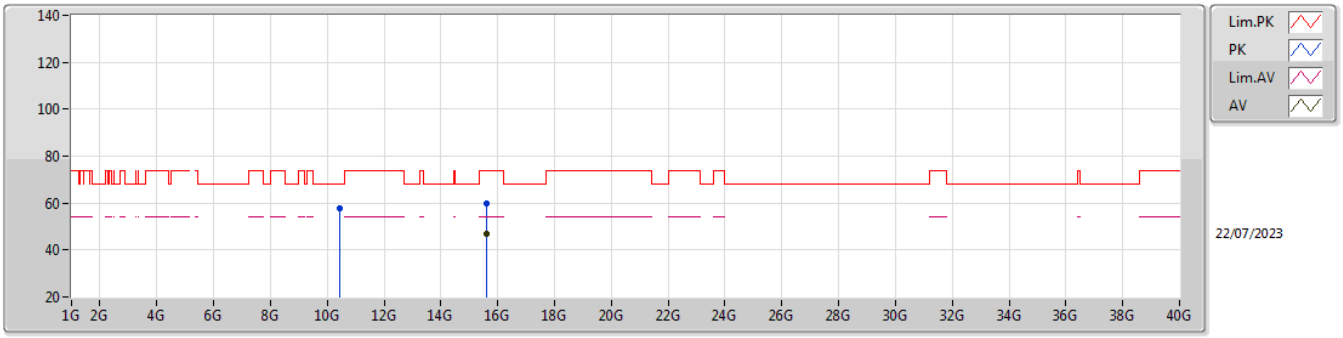


EUT Y_1TX
Setting 15
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	63.51	74.00	-10.49	56.96	3	Horizontal	33	1.11	-	31.91	7.10	32.46
AV	5.1495G	51.59	54.00	-2.41	45.05	3	Horizontal	33	1.11	-	31.90	7.10	32.46
PK	5.206G	95.89	Inf	-Inf	89.36	3	Horizontal	33	1.11	-	31.78	7.21	32.46
AV	5.2135G	86.10	Inf	-Inf	79.59	3	Horizontal	33	1.11	-	31.75	7.23	32.47
PK	5.362G	59.09	74.00	-14.91	52.71	3	Horizontal	33	1.11	-	31.35	7.51	32.48
AV	5.4055G	47.05	54.00	-6.95	40.45	3	Horizontal	33	1.11	-	31.52	7.57	32.49

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

5210MHz_TX

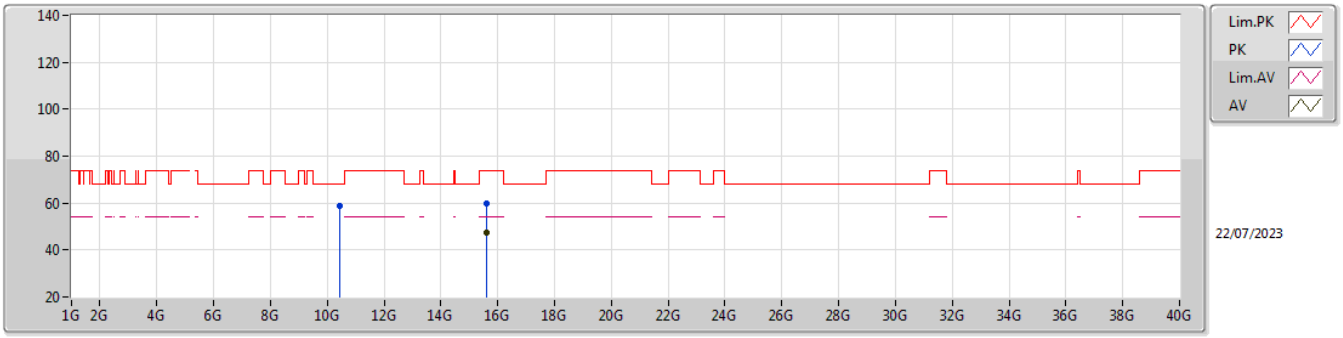


EUT Y_1TX
Setting 15
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41958G	57.51	68.20	-10.69	41.95	3	Vertical	137	2.89	-	40.12	10.08	34.64
PK	15.629G	59.73	74.00	-14.27	44.49	3	Vertical	245	2.82	-	38.04	12.01	34.81
AV	15.62983G	47.15	54.00	-6.85	31.91	3	Vertical	245	2.82	-	38.04	12.01	34.81

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

5210MHz_TX

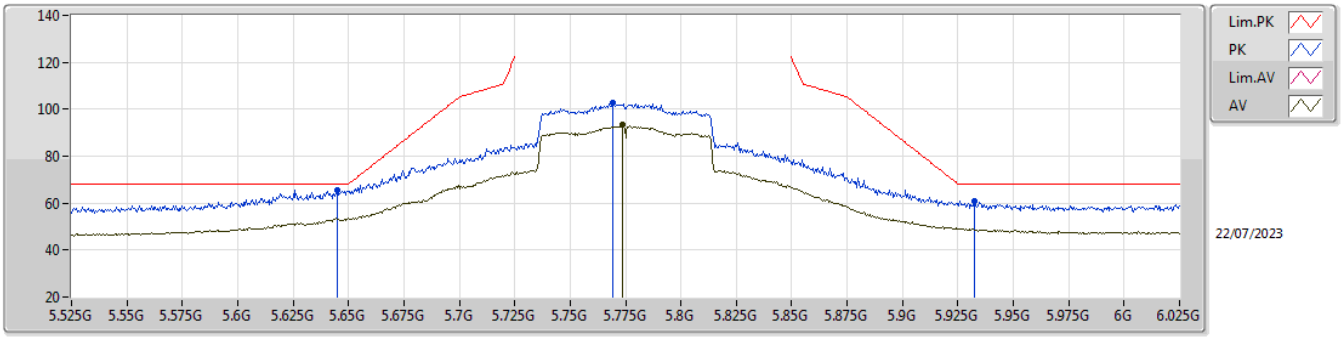


EUT Y_1TX
Setting 15
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41937G	58.90	68.20	-9.30	43.34	3	Horizontal	114	2.28	-	40.12	10.08	34.64
PK	15.62621G	59.76	74.00	-14.24	44.51	3	Horizontal	308	1.65	-	38.05	12.01	34.81
AV	15.62826G	47.16	54.00	-6.84	31.92	3	Horizontal	308	1.65	-	38.04	12.01	34.81

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

5775MHz_TX

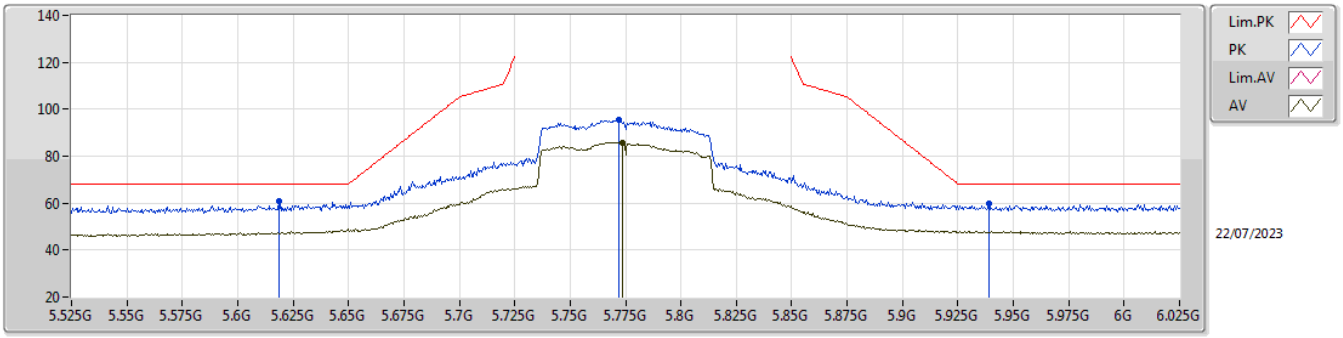


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	65.53	68.20	-2.67	58.94	3	Vertical	193	1.00	-	31.81	7.23	32.45
PK	5.769G	102.97	Inf	-Inf	95.81	3	Vertical	193	1.00	-	32.24	7.33	32.41
AV	5.7735G	93.19	Inf	-Inf	86.02	3	Vertical	193	1.00	-	32.25	7.33	32.41
PK	5.9325G	61.08	68.20	-7.12	53.46	3	Vertical	193	1.00	-	32.60	7.38	32.36

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

5775MHz_TX

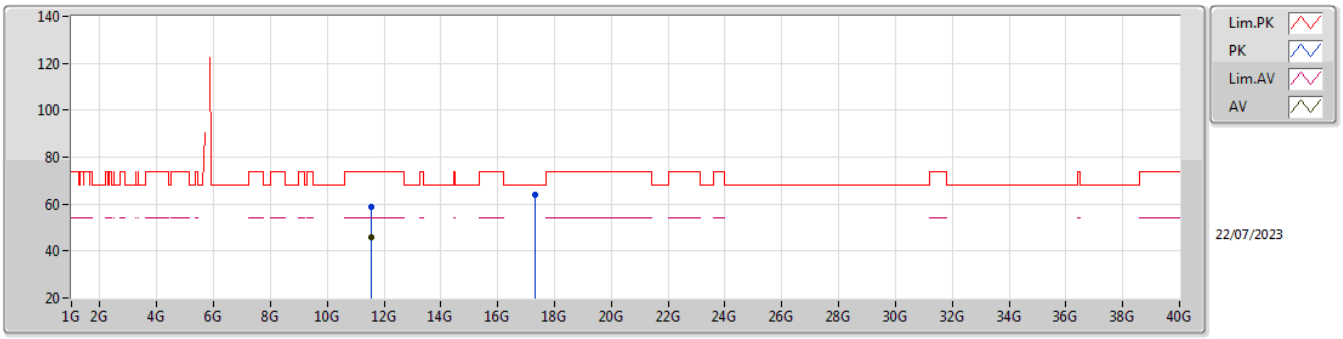


EUT Y_1TX
Setting 23
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6185G	60.70	68.20	-7.50	54.10	3	Horizontal	75	1.80	-	31.86	7.20	32.46
PK	5.772G	95.27	Inf	-Inf	88.11	3	Horizontal	75	1.80	-	32.24	7.33	32.41
AV	5.7735G	85.87	Inf	-Inf	78.70	3	Horizontal	75	1.80	-	32.25	7.33	32.41
PK	5.939G	59.57	68.20	-8.63	51.95	3	Horizontal	75	1.80	-	32.60	7.38	32.36

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

5775MHz_TX

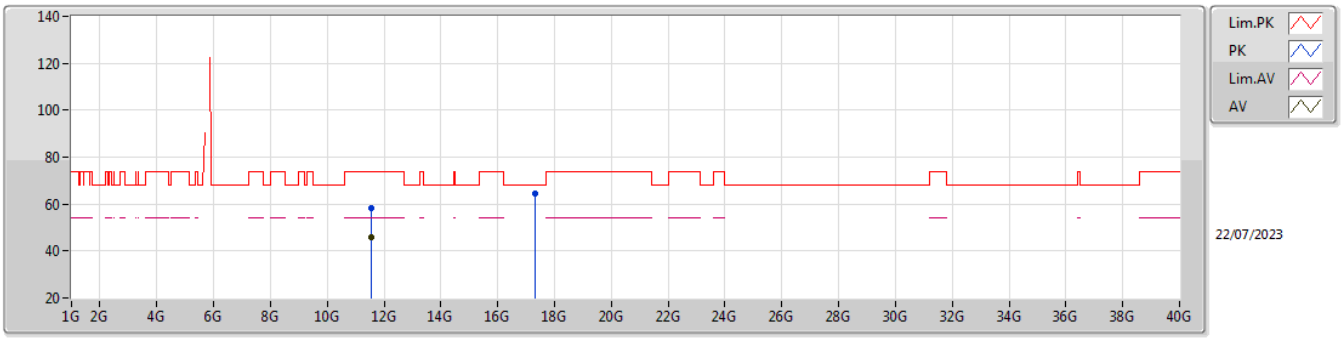


EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55404G	58.67	74.00	-15.33	42.95	3	Vertical	208	2.17	-	39.99	10.37	34.64
AV	11.55084G	45.82	54.00	-8.18	30.09	3	Vertical	208	2.17	-	40.00	10.37	34.64
PK	17.32519G	64.02	68.20	-4.18	44.65	3	Vertical	67	2.83	-	41.75	12.76	35.14

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

5775MHz_TX



EUT Y_1TX
Setting 23
06-D-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55034G	58.51	74.00	-15.49	42.78	3	Horizontal	37	1.90	-	40.00	10.37	34.64
AV	11.55028G	45.76	54.00	-8.24	30.03	3	Horizontal	37	1.90	-	40.00	10.37	34.64
PK	17.32632G	64.34	68.20	-3.86	44.96	3	Horizontal	331	2.65	-	41.76	12.76	35.14