Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	**UDX-600130010**
Equipment	:	**SMART Camera**
Brand Name	:	**CISCO**
Model Name	:	**MV13-HW**
Applicant	:	**Cisco Systems, Inc.** **170 West Tasman Drive, San Jose, CA 95134 USA**
Manufacturer	:	**Cisco Systems, Inc.** **170 West Tasman Drive, San Jose, CA 95134 USA**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Mar. 15, 2023, and testing was started from Mar. 16, 2023 and completed on Jul. 19, 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
FR291332-02AB	01	Initial issue of report	Oct. 04, 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]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.15-5.25GHz	802.11n HT20	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11n HT40	40	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11n HT20	20	1TX
5.25-5.35GHz	802.11ac VHT20	20	1TX
5.25-5.35GHz	802.11n HT40	40	1TX
5.25-5.35GHz	802.11ac VHT40	40	1TX
5.25-5.35GHz	802.11ac VHT80	80	1TX
5.47-5.725GHz	802.11a	20	1TX
5.47-5.725GHz	802.11n HT20	20	1TX
5.47-5.725GHz	802.11ac VHT20	20	1TX
5.47-5.725GHz	802.11n HT40	40	1TX

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

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

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth					
1	1	1	1	SERCOMM	Ant1	PIFA Antenna	I-PEX	Note 1
2	2	2	2	SERCOMM	Ant2	PIFA Antenna	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)			
	2.4GHz	5GHz UNII 1~2A	5GHz UNII 2C	5GHz UNII 3
1	3.82	4.21	4.51	3.94
2	1.98	2.62	2.11	2.32

Note 2: The above information was declared by manufacturer.

Note 3: The EUT support TX/RX diversity function.
The Port 1 generated the worst case. Thus it was selected to test and record in the report.

Note 4: **For 2.4GHz function**
For IEEE 802.11 b/g/n/VHT (1TX/1RX):
Both Port 1 and Port 2 can be used as transmitting/receiving antenna.
But only one of them can transmit and receive signal at the same time.
For 5GHz function
For IEEE 802.11a/n/ac (1TX/1RX):
Both Port 1 and Port 2 can be used as transmitting/receiving antenna.
But only one of them can transmit and receive signal at the same time.
For bluetooth function
For bluetooth (1TX/1RX):
Both Port 1 and Port 2 can be used as transmitting/receiving antenna.
But only one of them can transmit and receive signal at the same time.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.965	0.15	937.5u	3k
802.11ac VHT80	0.927	0.33	457.5u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☒	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QRCT V4.0.00201.0			

Note: The above information was declared by manufacturer.

1.1.5 Multiple Sources of Component Information

The EUT has second source verify for DDR4, UFS-3.1 256GB, PoE Transformer, LAN Transformer, ACT2, RF Connector, CMOS Coaxial Cable, LED Board Cable.
Note: The above information was declared by manufacturer.

1.1.6 EUT Combination Information

Item	Type	EUT 1	EUT 2
1	DDR4	Main Source	Second Source
2	UFS-3.1 256GB	Main Source	Second Source
3	PoE Transformer	Main Source	Second Source
4	LAN Transformer	Main Source	Second Source
5	ACT2	Main Source	Second Source
6	RF Connector	Main Source	Second Source
7	CMOS Coaxial Cable	Main Source	Second Source
8	LED Board Cable	Main Source	Second Source
9	Mic Board Cable	Main Source	Second Source

Note 1: After evaluating, the EUT 1 was selected to test all the test items and recorded in the report; the EUT 2 was selected to test AC power-line conducted emissions and Unwanted Emissions below 1GHz.

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Brian Sun	23.5~24.2 / 62~69	Mar. 21, 2023~ May 05, 2023
Radiated < 1GHz	03CH05-CB	Black Lu	21.2-22.3 / 56-59	Jun. 23, 2023~ Jul. 10, 2023
Radiated > 1GHz	03CH02-CB	Roy Mai	20~21 / 55~58	Mar. 16, 2023~ May 10, 2023
Radiated (For Co-location)	03CH05-CB	Roy Mai	21.2~22.3 / 56~59	Mar. 16, 2023~ May 10, 2023
AC Conduction	CO01-CB	Gray Lee	21~22 / 54~55	Jul. 19, 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)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	19
5200MHz	21.5
5240MHz	21.5
5260MHz	21.5
5300MHz	22
5320MHz	21
5500MHz	18
5580MHz	22
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
5745MHz	23
5785MHz	23
5825MHz	23
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5180MHz	19.5
5200MHz	21.5
5240MHz	21.5
5260MHz	21.5
5300MHz	22.5
5320MHz	21
5500MHz	19.5
5580MHz	19.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
5745MHz	23
5785MHz	23
5825MHz	22.5
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5190MHz	14.5
5230MHz	20.5
5270MHz	21.5
5310MHz	16.5
5510MHz	15.5

Mode	Power Setting
5550MHz	21.5
5670MHz	18.5
5710MHz Straddle 5.47-5.725GHz	21.5
5710MHz Straddle 5.725-5.85GHz	21.5
5755MHz	22
5795MHz	23
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5210MHz	12.5
5290MHz	13.5
5530MHz	14
5610MHz	19.5
5690MHz Straddle 5.47-5.725GHz	20.5
5690MHz Straddle 5.725-5.85GHz	20.5
5775MHz	19.5

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 1 connected via Ethernet - Day mode + PoE 1
2	EUT 1 connected via Ethernet - Night mode + PoE 1
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~6 will follow this same test mode.	
3	EUT 1 connected via WLAN 2.4GHz - Night mode + PoE 1
4	EUT 1 connected via WLAN 2.4GHz - Night mode + PoE 2
5	EUT 1 connected via WLAN 5GHz - Night mode + PoE 1
6	EUT 1 connected via WLAN 5GHz - Night mode + PoE 2
Mode 2 has been evaluated to be the worst case among Mode 1~6, thus measurement for Mode 7 will follow this same test mode.	
7	EUT 2 connected via Ethernet - Night mode + PoE 1
For operating, Mode 2 is the worst case and it was recorded in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 in Z axis connected via Ethernet - Day mode + PoE 1
2	EUT 1 in Y axis connected via Ethernet - Day mode + PoE 1
3	EUT 1 in X axis connected via Ethernet - Day mode + PoE 1
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 1 in Z axis connected via Ethernet - Night mode + PoE 1
Mode 4 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5~8 will follow this same test mode.	
5	EUT 1 in Z axis connected via WLAN 2.4GHz - Night mode + PoE 1
6	EUT 1 in Z axis connected via WLAN 2.4GHz - Night mode + PoE 2
7	EUT 1 in Z axis connected via WLAN 5GHz - Night mode + PoE 1
8	EUT 1 in Z axis connected via WLAN 5GHz - Night mode + PoE 2
Mode 7 has been evaluated to be the worst case among Mode 1~8, thus measurement for Mode 9 will follow this same test mode.	
9	EUT 2 in Z axis connected via WLAN 5GHz - Night mode + PoE 1
For operating, mode 9 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT 1 in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	EUT in Y axis generated the worst case at Radiated measurement above 1GHz (CTX – Harmonic) for WLAN 2.4GHz and 5GHz. Consequently, the measurement will follow this same test mode.
1	EUT 1 in Y axis + Bluetooth + WLAN 2.4GHz
2	EUT 1 in Y axis + Bluetooth + WLAN 5GHz
For operating, mode 2 is the worst case and it was recorded in this test report.	
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1 + Bluetooth + WLAN 2.4GHz
2	EUT 1 + Bluetooth + WLAN 5GHz
Refer to Sporton Test Report No.: FA291332-02 for Co-location RF Exposure Evaluation.	

Note: The PoEs were for measurement only and would not be marketed.
Their information is shown as below:

Support Unit	Brand	Model
PoE 1	PHIHONG	POEA33U-1ATE
PoE 2	Cisco	MA-PWR-MV-LV

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
Wall-mounted rack 1*1
Wall-mounted rack 2*1
Wall-mounted rack 3*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 1	PHIHONG	POEA30U-1AT-1	N/A
B	LAN NB	DELL	E6430	N/A
C	Smart phone	Samsung	Galaxy J2	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	Lenovo	L440	N/A
B	PoE 1	PHIHONG	POEA33U-1ATE	N/A
C	WLAN AP	ASUS	RT-AX88U	N/A
D	Smart phone	Samsung	Galaxy J2	N/A

For Radiated (above 1GHz):

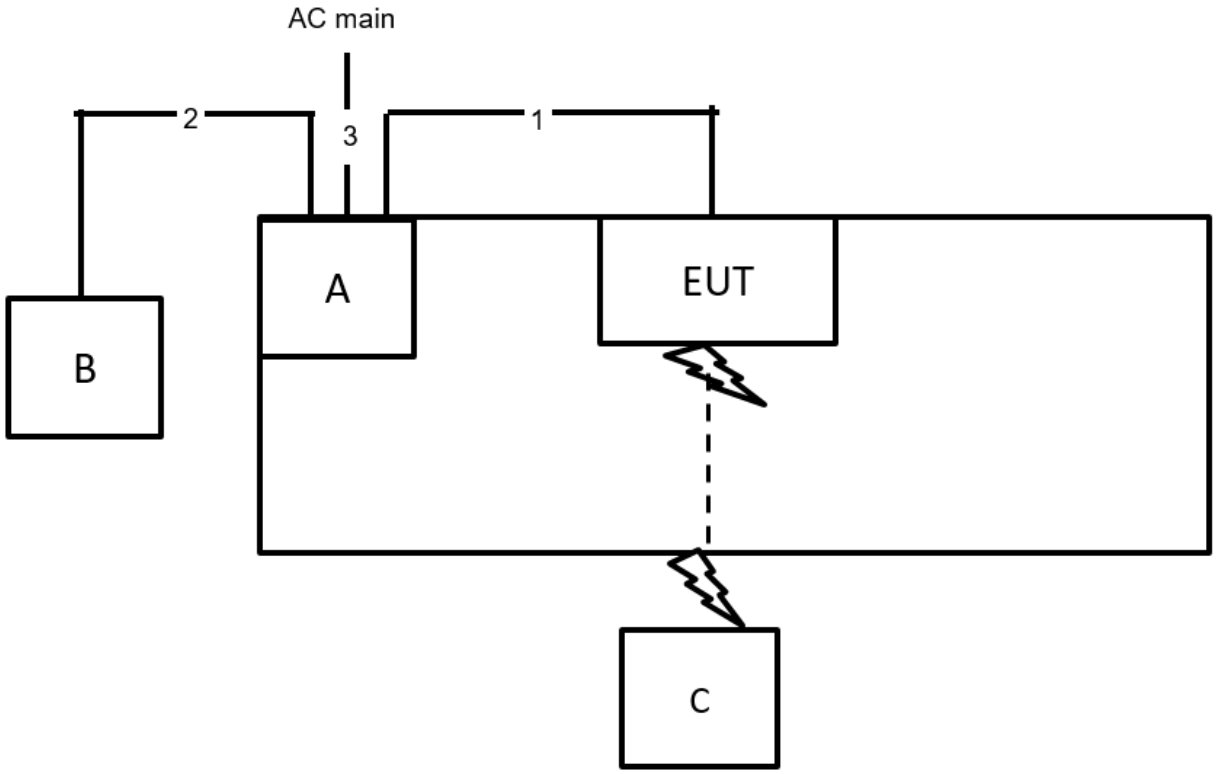
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE 1	PHIHONG	POEA30U-1AT-1	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE 2	Cisco	MA-PWR-MV-LV	N/A

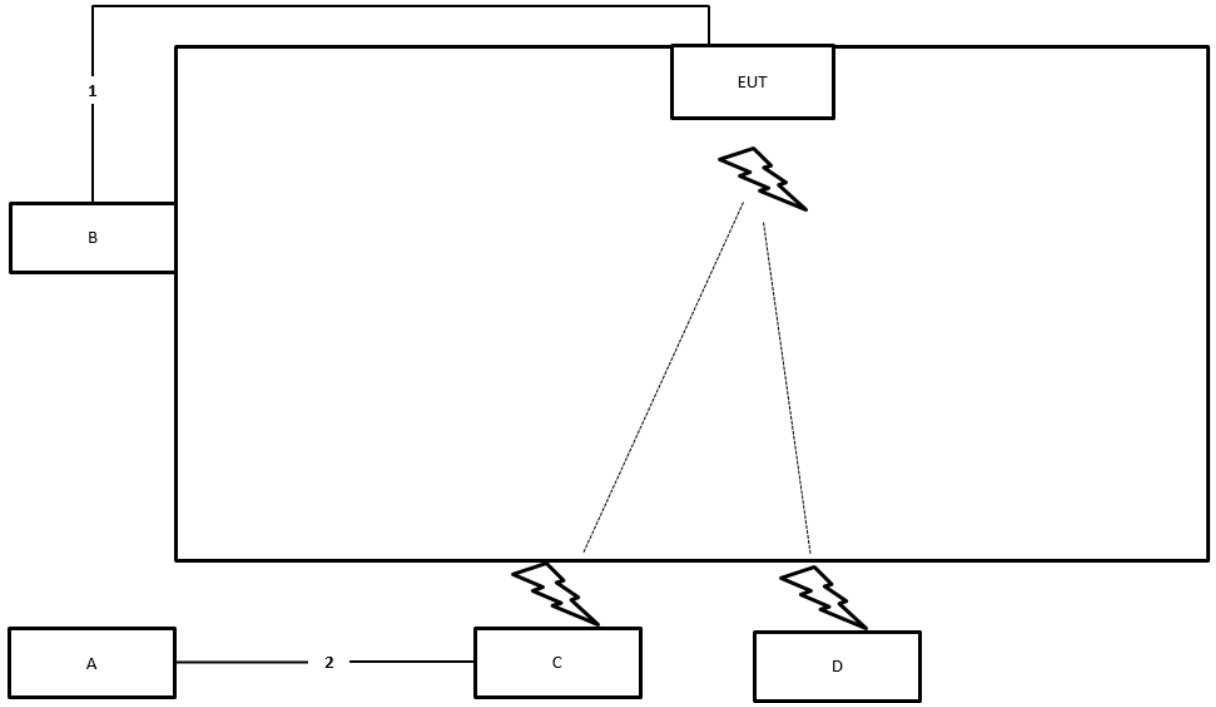
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



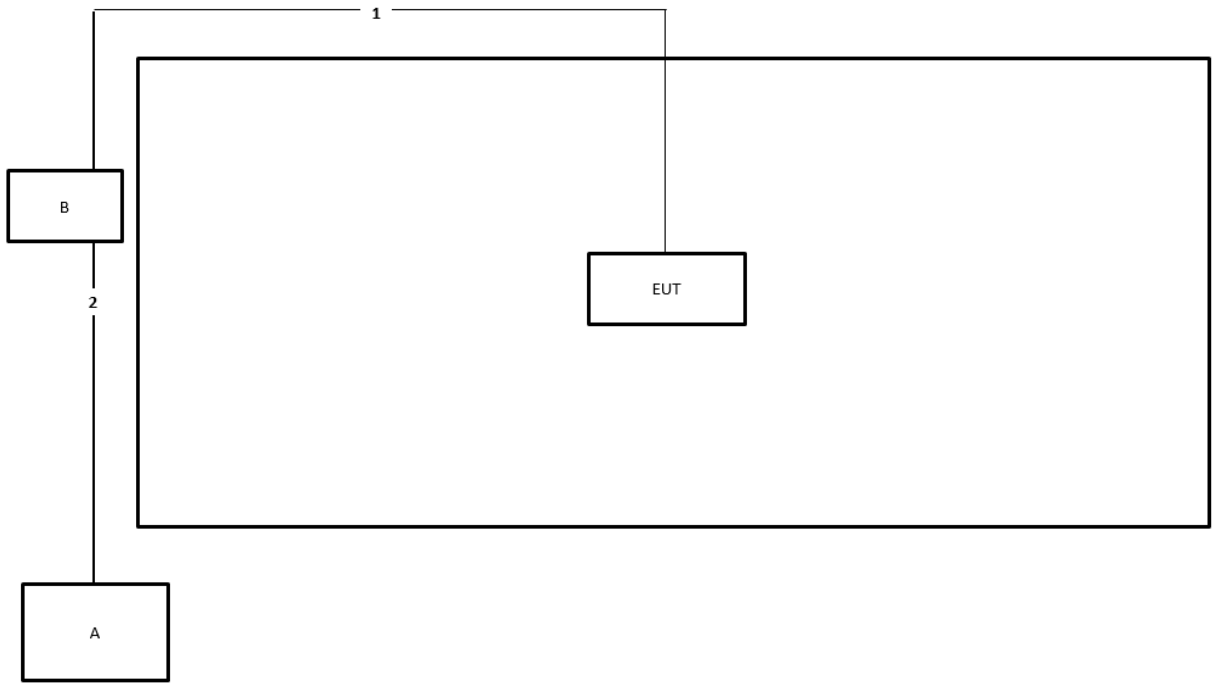
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m
3	Power cable	No	1m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

3 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

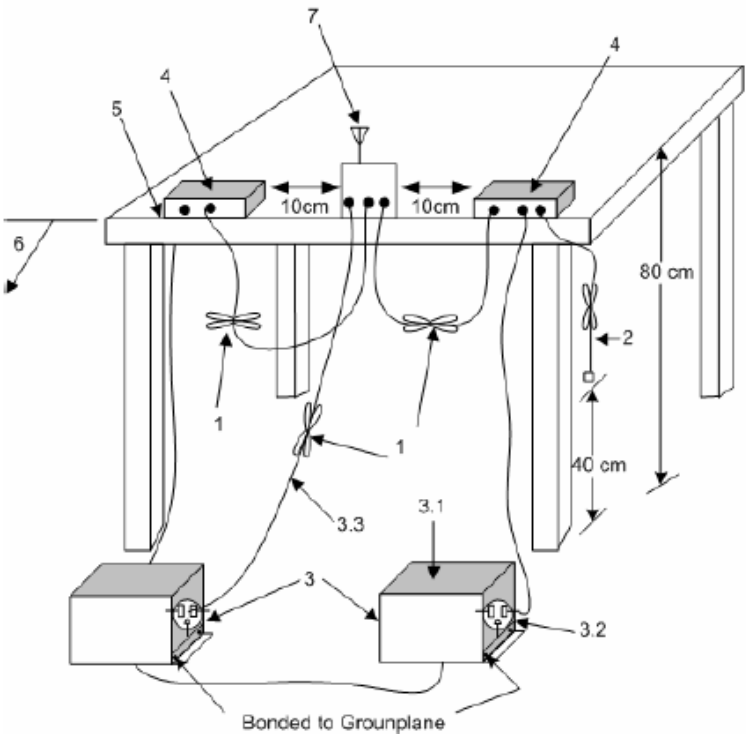
Refer a test equipment and calibration data table in this test report.

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.

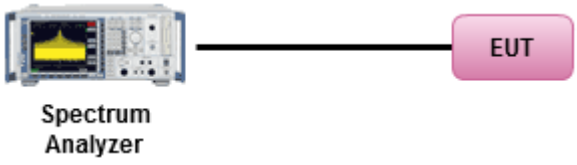
3.2.2 Measuring Instruments

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

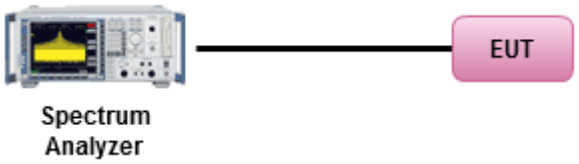
Refer a test equipment and calibration data table in this test report.

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

For Straddle channel mode:

Conducted Measurement (Spectrum Analyzer)


For other test mode:

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

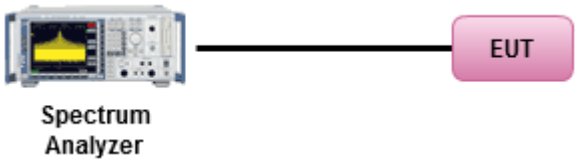
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

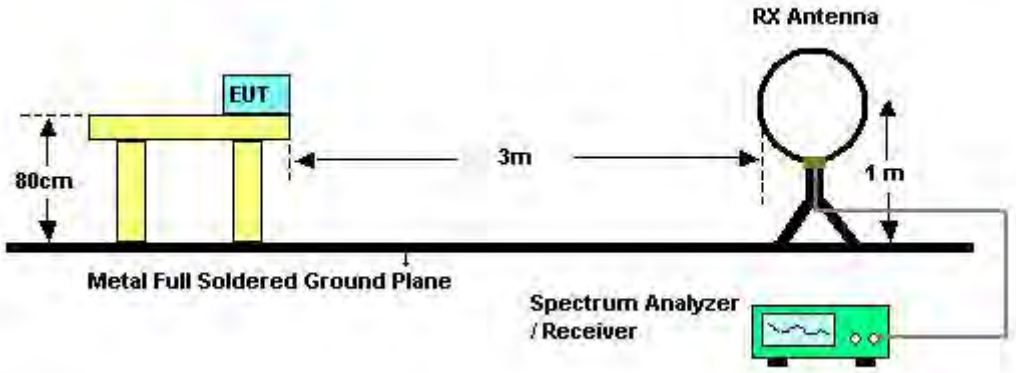
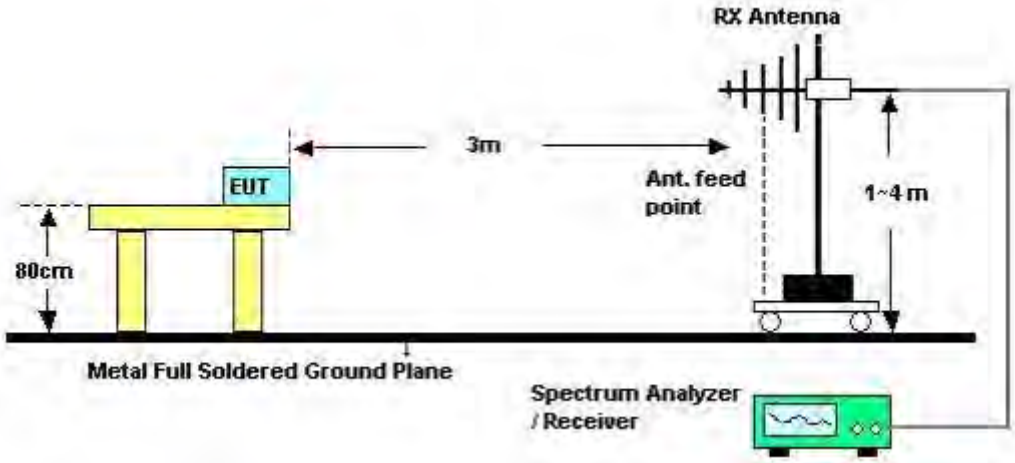
3.5.2 Measuring Instruments

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

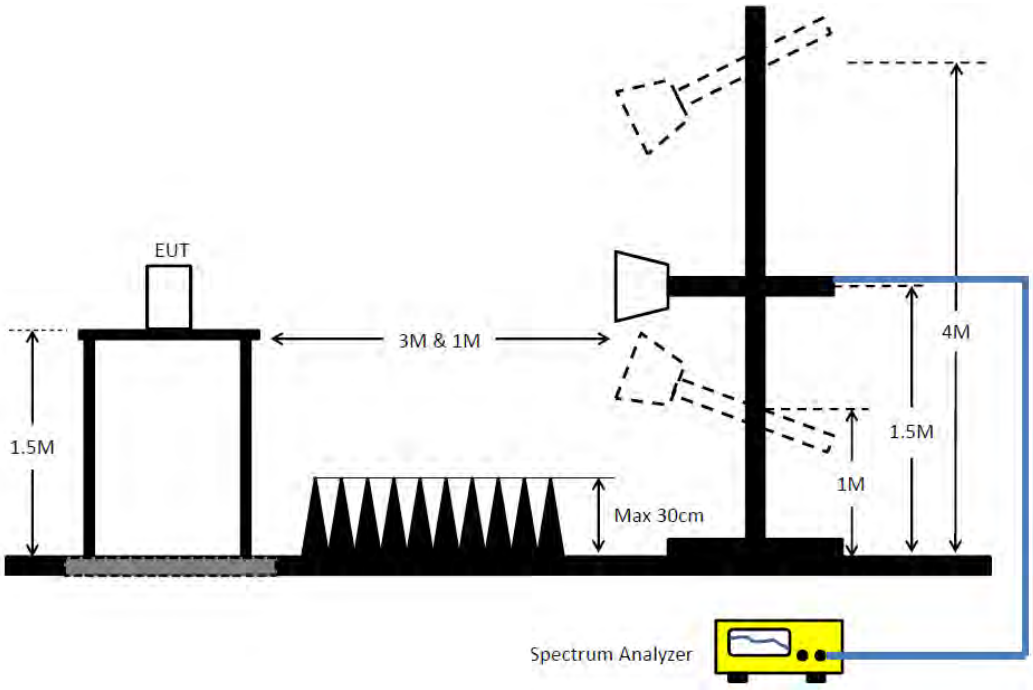
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	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)
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)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 06, 2022	Nov. 05, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Dec. 05, 2022	Dec. 04, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 27, 2022	May 26, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~ 40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~ 40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz – 26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

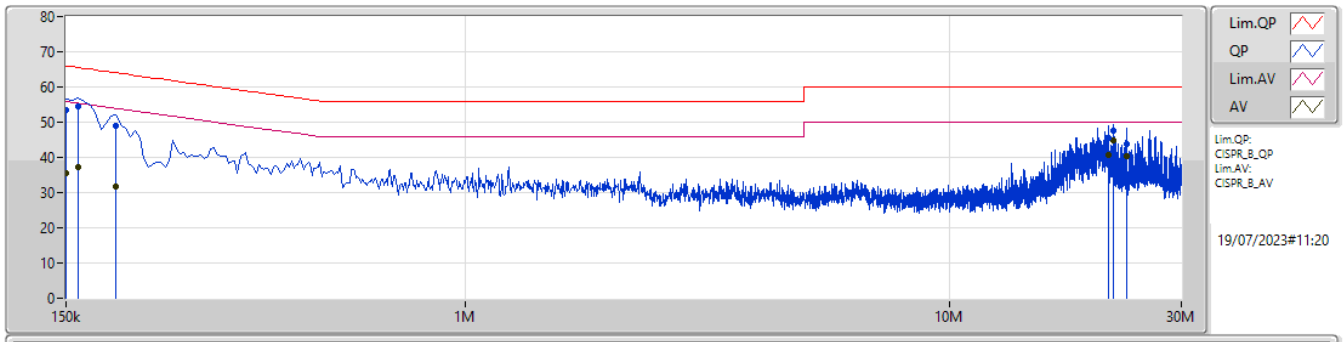
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

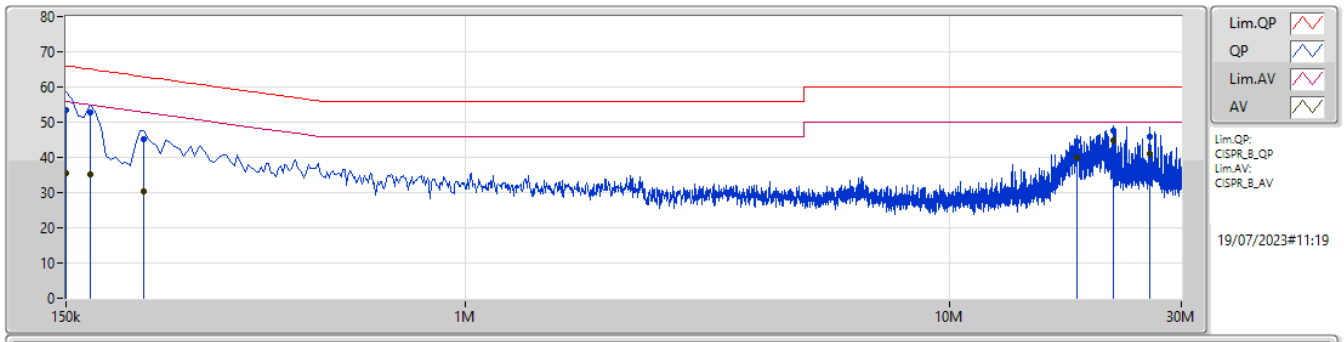
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	21.665M	44.89	50.00	-5.11	Neutral

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	53.43	66.00	-12.57	10.00	Line	-	43.43	0.09	0.04	9.87
AV	150k	35.50	56.00	-20.50	10.00	Line	-	25.50	0.09	0.04	9.87
QP	159k	54.60	65.52	-10.92	10.00	Line	-	44.60	0.09	0.04	9.87
AV	159k	37.13	55.52	-18.39	10.00	Line	-	27.13	0.09	0.04	9.87
QP	190.5k	49.09	64.01	-14.92	9.98	Line	-	39.11	0.08	0.04	9.86
AV	190.5k	31.66	54.01	-22.35	9.98	Line	-	21.68	0.08	0.04	9.86
QP	21.174M	45.47	60.00	-14.53	10.56	Line	-	34.91	0.30	0.24	10.02
AV	21.174M	40.55	50.00	-9.45	10.56	Line	-	29.99	0.30	0.24	10.02
QP	21.665M	47.60	60.00	-12.40	10.57	Line	-	37.03	0.31	0.24	10.02
AV	21.665M	44.87	50.00	-5.13	10.57	Line	"Worst"	34.30	0.31	0.24	10.02
QP	23.132M	43.92	60.00	-16.08	10.61	Line	-	33.31	0.31	0.26	10.04
AV	23.132M	40.18	50.00	-9.82	10.61	Line	-	29.57	0.31	0.26	10.04

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	53.40	66.00	-12.60	9.98	Neutral	-	43.42	0.07	0.04	9.87
AV	150k	35.62	56.00	-20.38	9.98	Neutral	-	25.64	0.07	0.04	9.87
QP	168k	52.65	65.06	-12.41	9.98	Neutral	-	42.67	0.07	0.04	9.87
AV	168k	35.02	55.06	-20.04	9.98	Neutral	-	25.04	0.07	0.04	9.87
QP	217.5k	45.04	62.92	-17.88	9.97	Neutral	-	35.07	0.07	0.04	9.86
AV	217.5k	30.21	52.92	-22.71	9.97	Neutral	-	20.24	0.07	0.04	9.86
QP	18.303M	44.49	60.00	-15.51	10.47	Neutral	-	34.02	0.27	0.20	10.00
AV	18.303M	39.94	50.00	-10.06	10.47	Neutral	-	29.47	0.27	0.20	10.00
QP	21.665M	47.65	60.00	-12.35	10.57	Neutral	-	37.08	0.31	0.24	10.02
AV	21.665M	44.89	50.00	-5.11	10.57	Neutral	"Worst"	34.32	0.31	0.24	10.02
QP	25.877M	45.82	60.00	-14.18	10.71	Neutral	-	35.11	0.36	0.29	10.06
AV	25.877M	40.96	50.00	-9.04	10.71	Neutral	-	30.25	0.36	0.29	10.06

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	29.85M	17.799M	17M8D1D	25.83M	16.718M
802.11ac VHT20_Nss1,(MCS0)_1TX	30.21M	18.355M	18M4D1D	24.57M	17.797M
802.11ac VHT40_Nss1,(MCS0)_1TX	53.4M	36.659M	36M7D1D	41.22M	36.334M
802.11ac VHT80_Nss1,(MCS0)_1TX	82.92M	75.745M	75M7D1D	82.92M	75.745M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	30.24M	17.829M	17M8D1D	25.44M	16.777M
802.11ac VHT20_Nss1,(MCS0)_1TX	31.35M	19.102M	19M1D1D	25.98M	17.911M
802.11ac VHT40_Nss1,(MCS0)_1TX	75.78M	37.677M	37M7D1D	41.76M	36.315M
802.11ac VHT80_Nss1,(MCS0)_1TX	83.28M	75.646M	75M6D1D	83.28M	75.646M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	29.88M	17.995M	18M0D1D	19.68M	13.948M
802.11ac VHT20_Nss1,(MCS0)_1TX	25.35M	17.804M	17M8D1D	19.23M	14.285M
802.11ac VHT40_Nss1,(MCS0)_1TX	74.64M	37.477M	37M5D1D	41.46M	34.668M
802.11ac VHT80_Nss1,(MCS0)_1TX	125.775M	76.318M	76M3D1D	82.8M	73.61M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.05M	26.255M	26M3D1D	3.14M	9.988M
802.11ac VHT20_Nss1,(MCS0)_1TX	15.63M	25.257M	25M3D1D	3.76M	10.208M
802.11ac VHT40_Nss1,(MCS0)_1TX	36.3M	59.673M	59M7D1D	3.16M	24.284M
802.11ac VHT80_Nss1,(MCS0)_1TX	75M	76.371M	76M4D1D	3.14M	35.345M

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

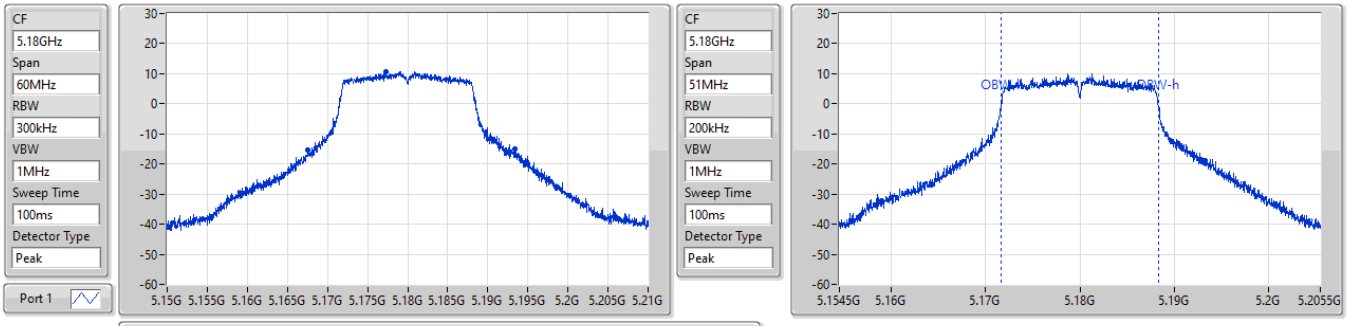
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	25.83M	16.718M
5200MHz	Pass	Inf	28.5M	17.332M
5240MHz	Pass	Inf	29.85M	17.799M
5260MHz	Pass	Inf	28.08M	17.406M
5300MHz	Pass	Inf	30.24M	17.829M
5320MHz	Pass	Inf	25.44M	16.777M
5500MHz	Pass	Inf	24.15M	16.63M
5580MHz	Pass	Inf	29.88M	17.995M
5700MHz	Pass	Inf	23.79M	16.625M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.68M	13.948M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	9.988M
5745MHz	Pass	500k	16.05M	26.255M
5785MHz	Pass	500k	15.42M	20.195M
5825MHz	Pass	500k	15.12M	21.391M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	24.57M	17.797M
5200MHz	Pass	Inf	26.97M	18.054M
5240MHz	Pass	Inf	30.21M	18.355M
5260MHz	Pass	Inf	29.52M	18.523M
5300MHz	Pass	Inf	31.35M	19.102M
5320MHz	Pass	Inf	25.98M	17.911M
5500MHz	Pass	Inf	25.35M	17.804M
5580MHz	Pass	Inf	25.17M	17.797M
5700MHz	Pass	Inf	24.18M	17.784M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.23M	14.285M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	10.208M
5745MHz	Pass	500k	15.63M	25.257M
5785MHz	Pass	500k	15.27M	20.193M
5825MHz	Pass	500k	14.43M	19.862M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	41.22M	36.334M
5230MHz	Pass	Inf	53.4M	36.659M
5270MHz	Pass	Inf	75.78M	37.677M
5310MHz	Pass	Inf	41.76M	36.315M
5510MHz	Pass	Inf	41.46M	36.365M
5550MHz	Pass	Inf	74.64M	37.477M
5670MHz	Pass	Inf	41.94M	36.435M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	57.855M	34.668M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	24.284M
5755MHz	Pass	500k	35.64M	48.382M
5795MHz	Pass	500k	36.3M	59.673M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.92M	75.745M
5290MHz	Pass	Inf	83.28M	75.646M
5530MHz	Pass	Inf	82.8M	75.693M
5610MHz	Pass	Inf	109.08M	76.318M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	125.775M	73.61M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	35.345M
5775MHz	Pass	500k	75M	76.371M

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

21/03/2023

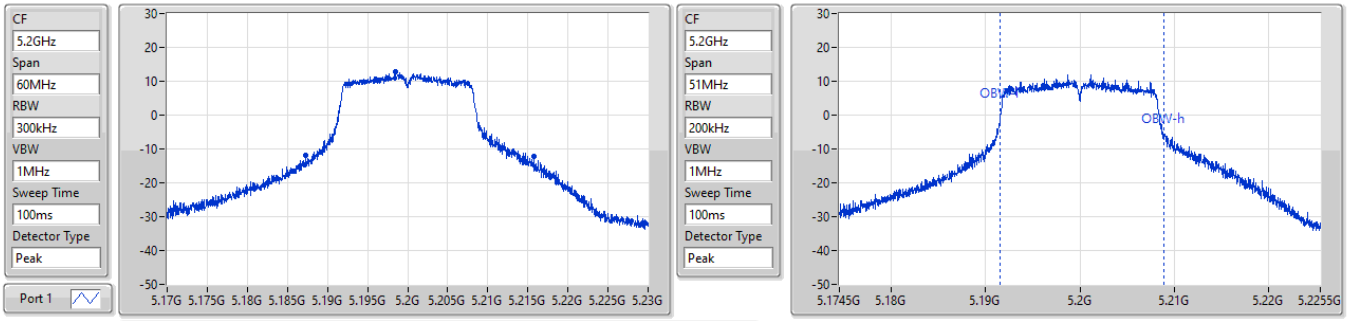


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.83M	5.16758G	5.19341G	16.718M	5.17164G	5.188359G	Inf	1

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

5200MHz

21/03/2023

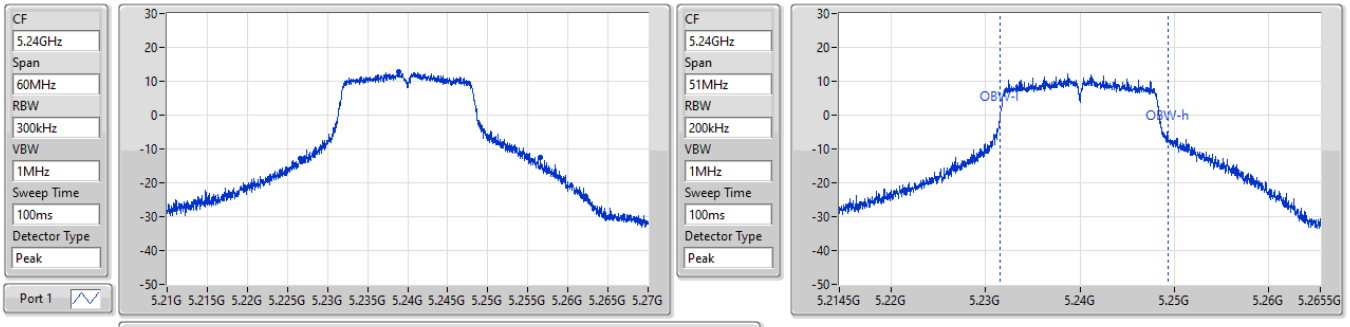


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.5M	5.18725G	5.21575G	17.332M	5.191583G	5.208915G	Inf	1

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

5240MHz

21/03/2023

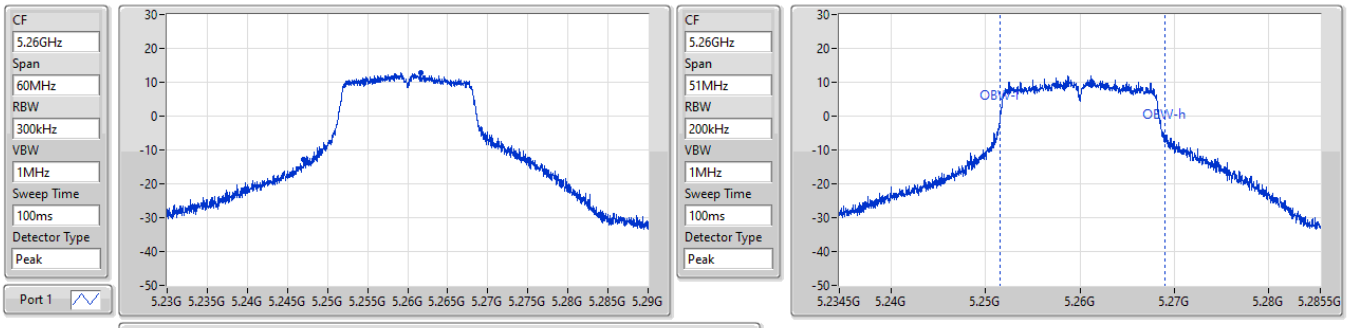


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.85M	5.22668G	5.25653G	17.799M	5.231529G	5.249328G	Inf	1

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

5260MHz

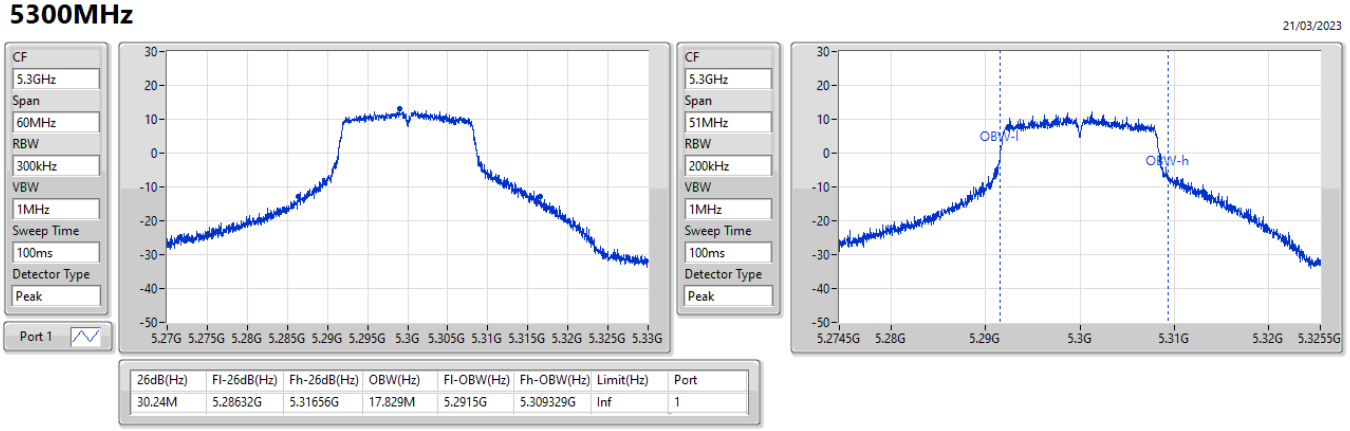
21/03/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.08M	5.24704G	5.27512G	17.406M	5.25158G	5.268986G	Inf	1

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

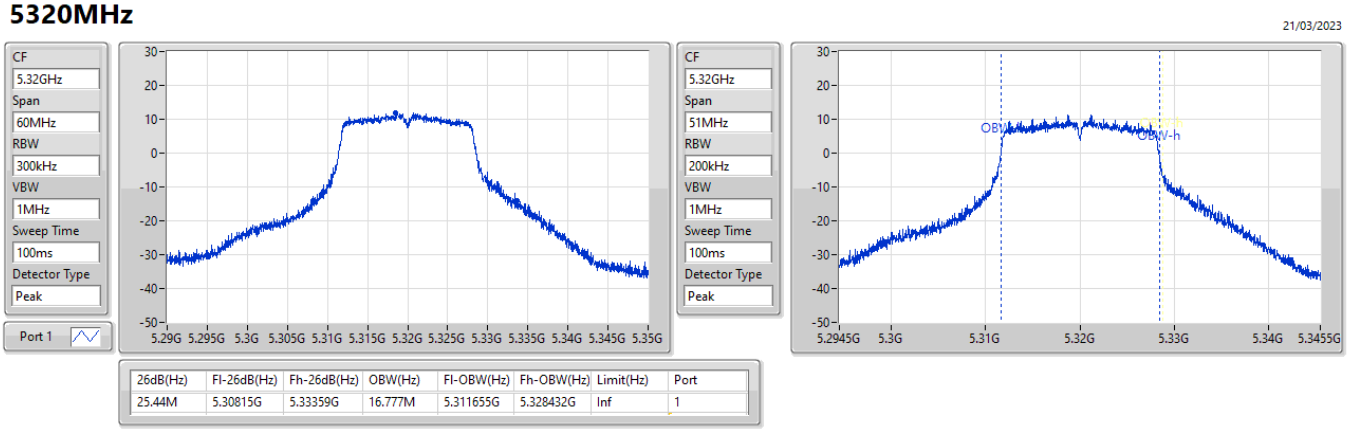
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.24M	5.28632G	5.31656G	17.829M	5.2915G	5.309329G	Inf	1

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

5320MHz

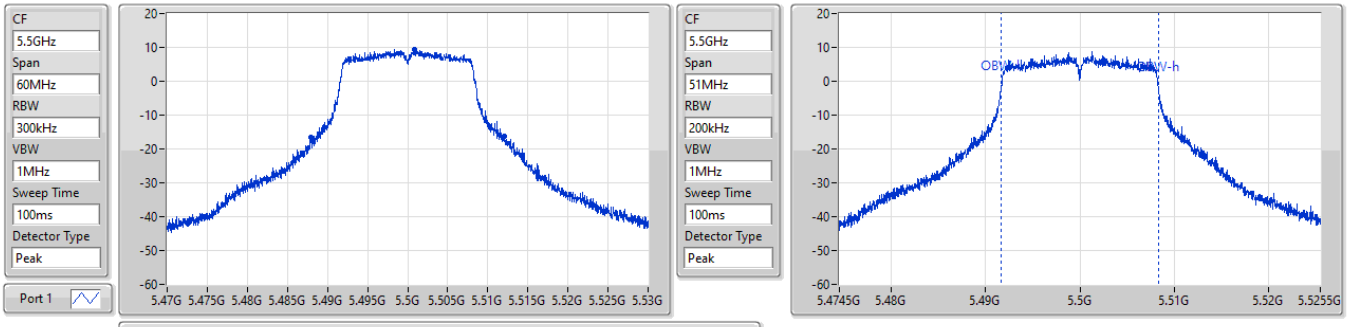


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.44M	5.30815G	5.33359G	16.777M	5.311655G	5.328432G	Inf	1

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

5500MHz

21/03/2023

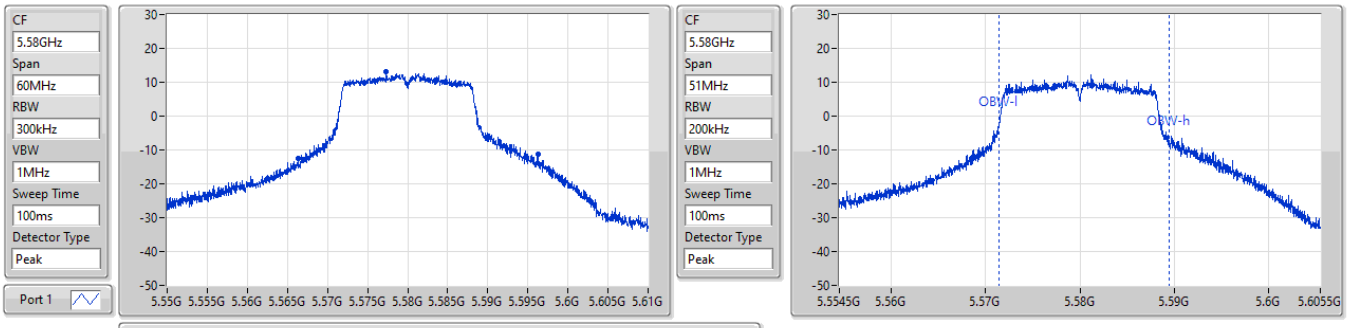


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.15M	5.48797G	5.51212G	16.63M	5.491688G	5.508318G	Inf	1

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

5580MHz

21/03/2023

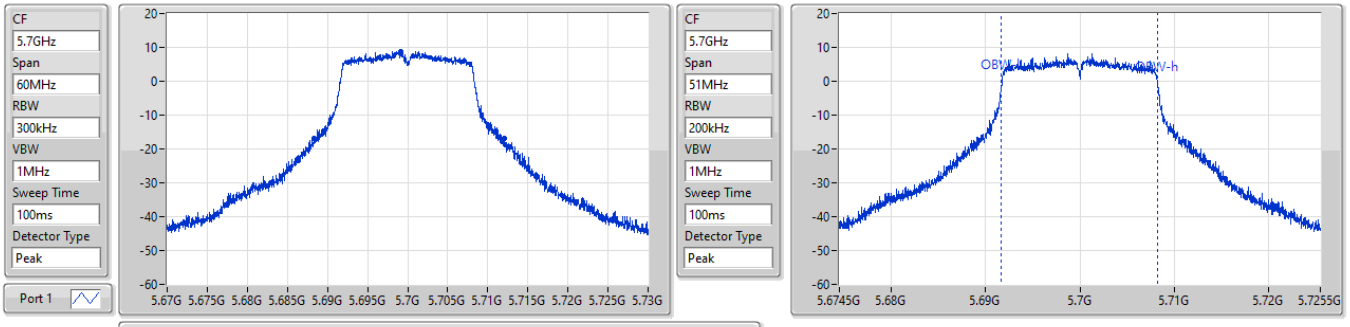


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.88M	5.56635G	5.59623G	17.995M	5.571427G	5.589422G	Inf	1

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

5700MHz

21/03/2023

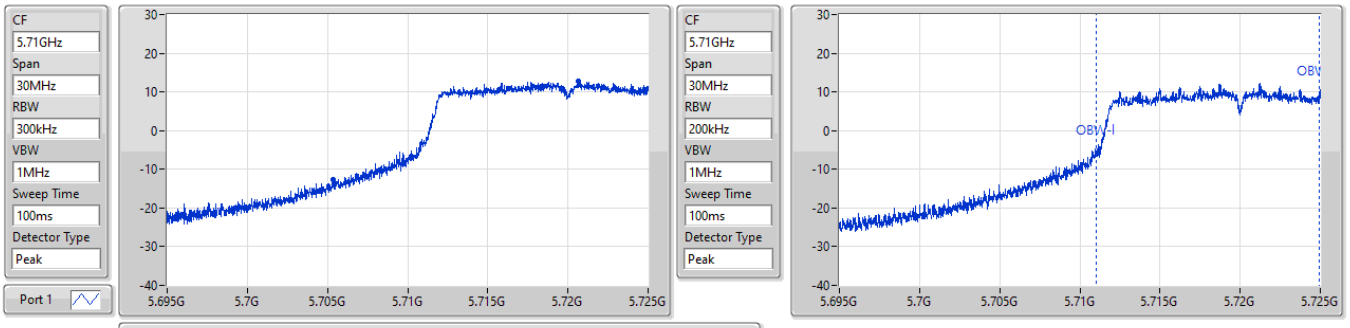


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.79M	5.6883G	5.71209G	16.625M	5.691669G	5.708294G	Inf	1

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

5720MHz Straddle 5.47-5.725GHz

21/03/2023

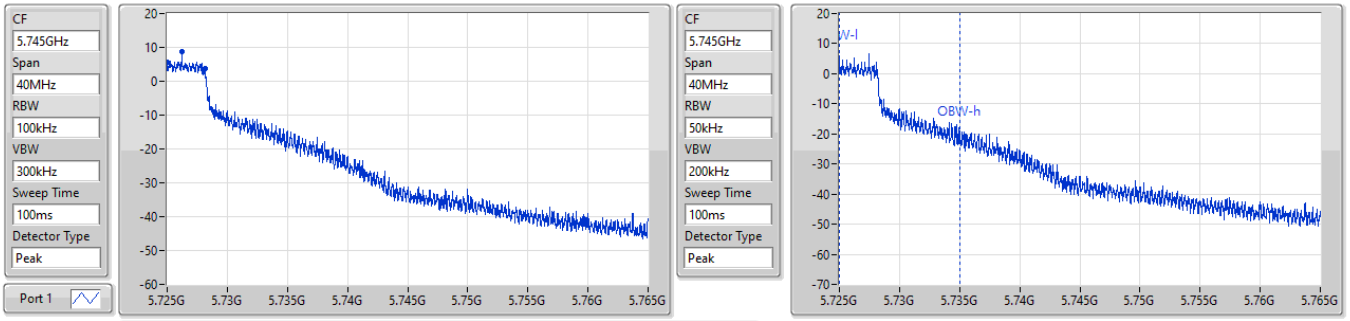


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.68M	5.70532G	5.725G	13.948M	5.711002G	5.72495G	Inf	1

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

5720MHz Straddle 5.725-5.85GHz

21/03/2023

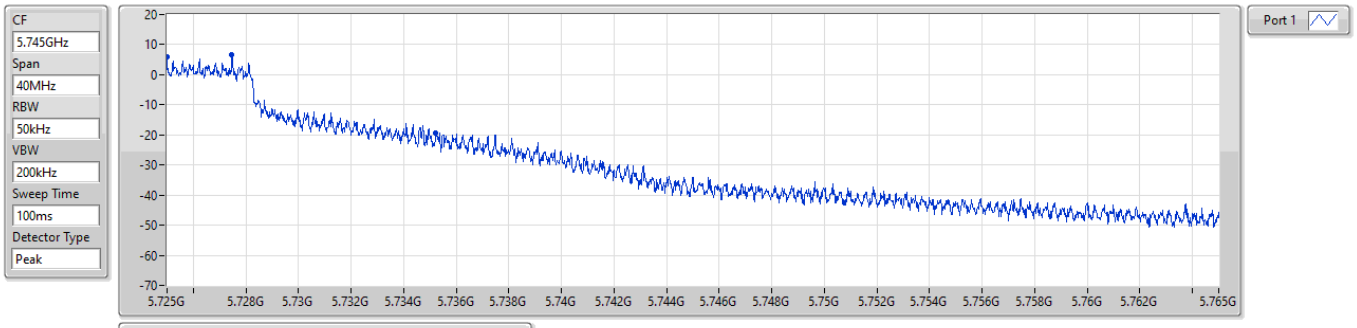


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	9.988M	5.725006G	5.734994G	500k	1

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

5720MHz Straddle 5.725-5.85GHz

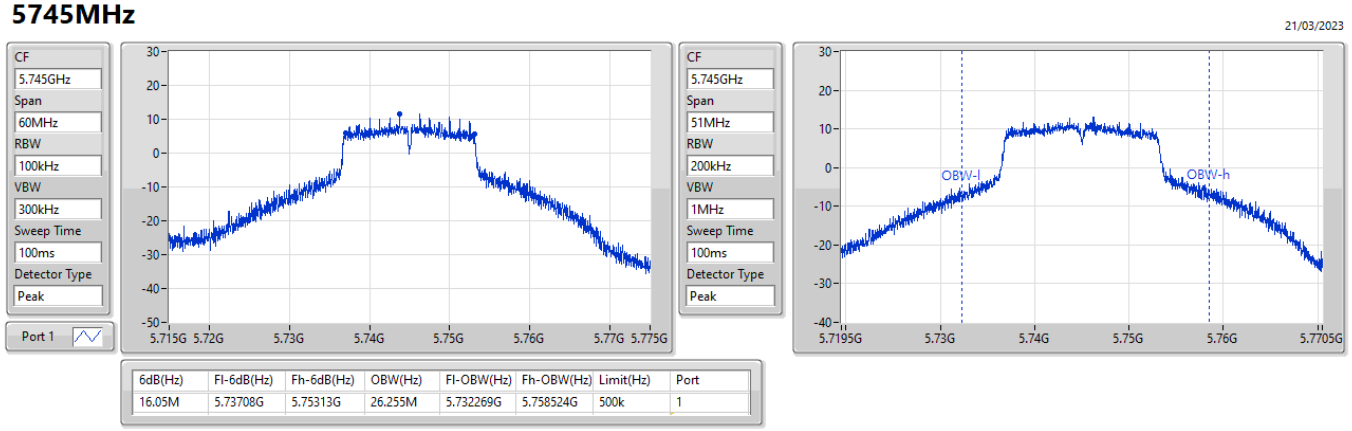
21/03/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
10.22M	5.725G	5.73522G	Inf	1

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

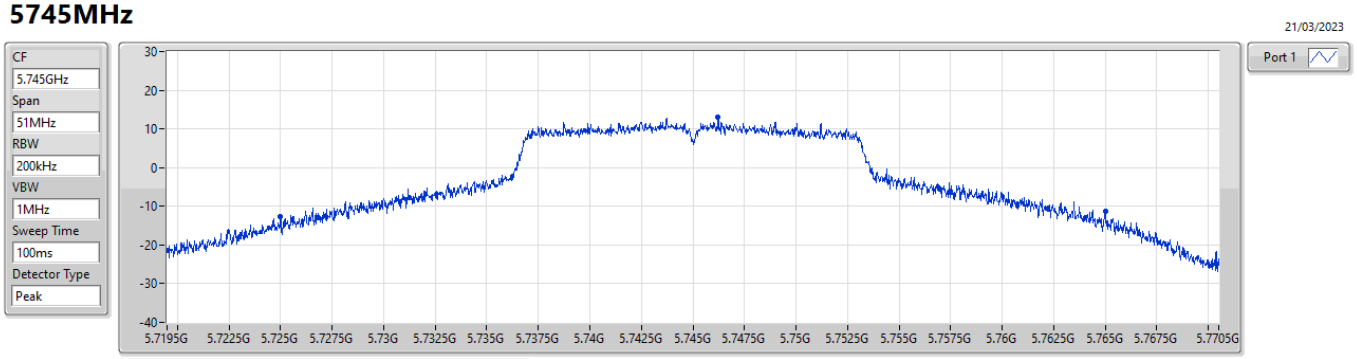
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	5.73708G	5.75313G	26.255M	5.732269G	5.758524G	500k	1

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

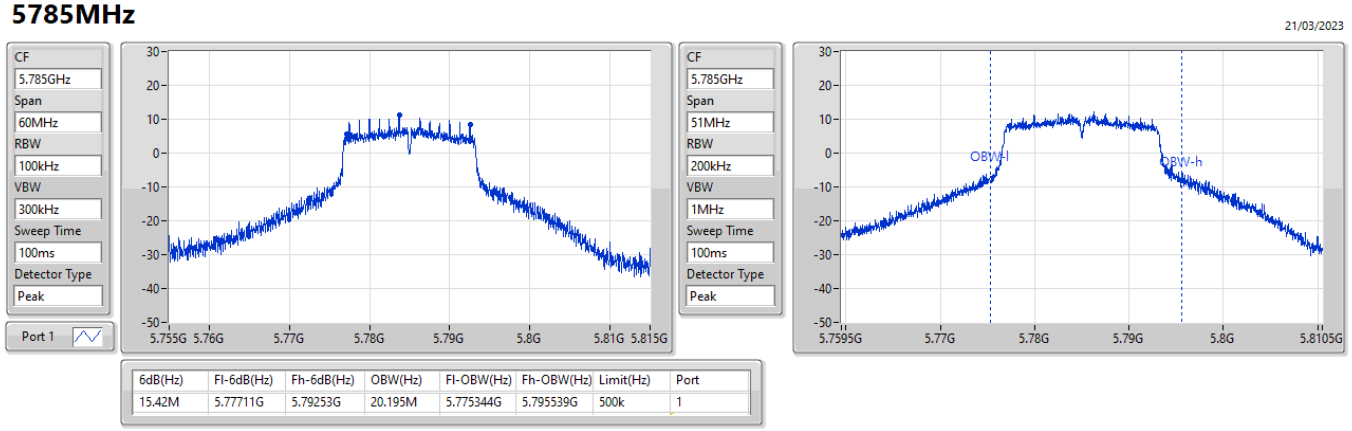
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
39.984M	5.725008G	5.764992G	Inf	1

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

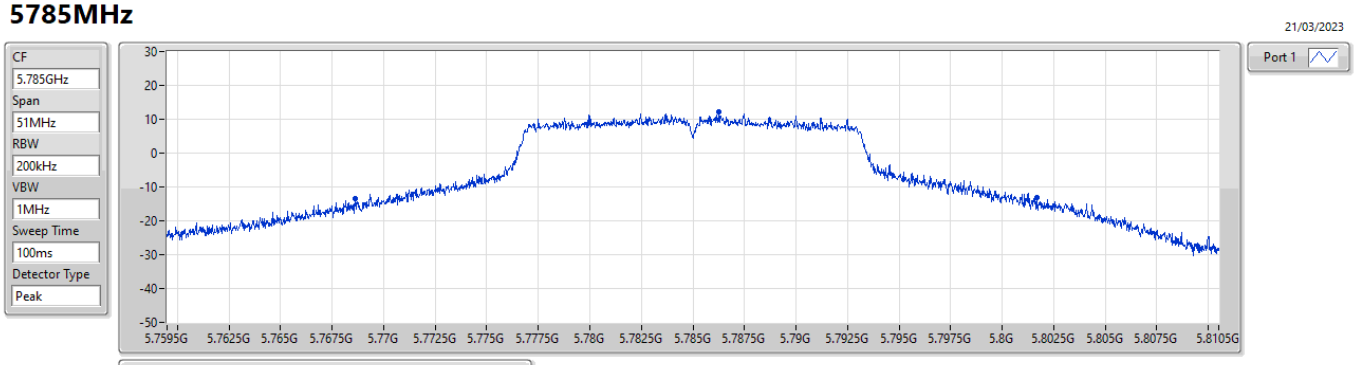
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.42M	5.77711G	5.79253G	20.195M	5.775344G	5.795539G	500k	1

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

5785MHz

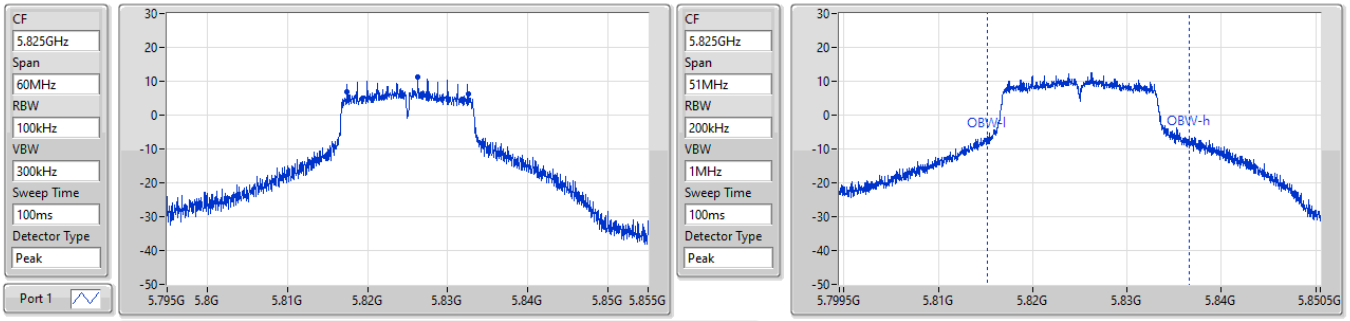


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
33.074M	5.768604G	5.801677G	Inf	1

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

5825MHz

21/03/2023

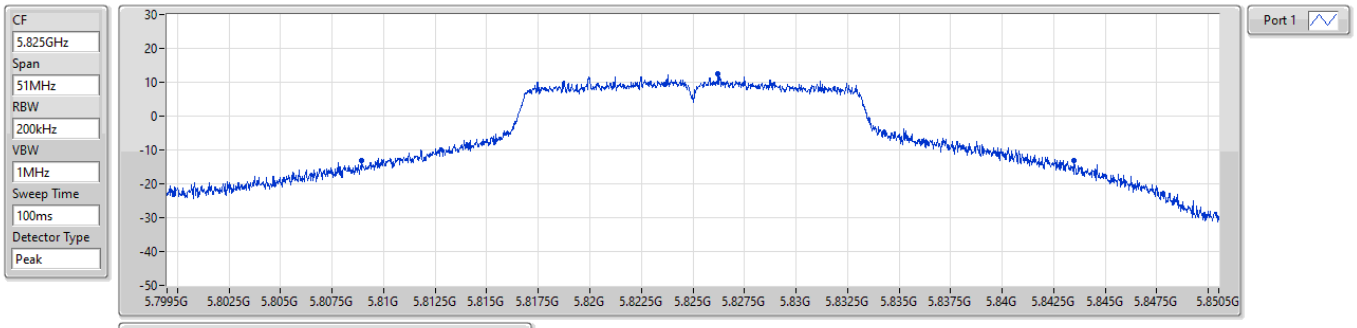


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.12M	5.81744G	5.83256G	21.391M	5.815172G	5.836564G	500k	1

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

5825MHz

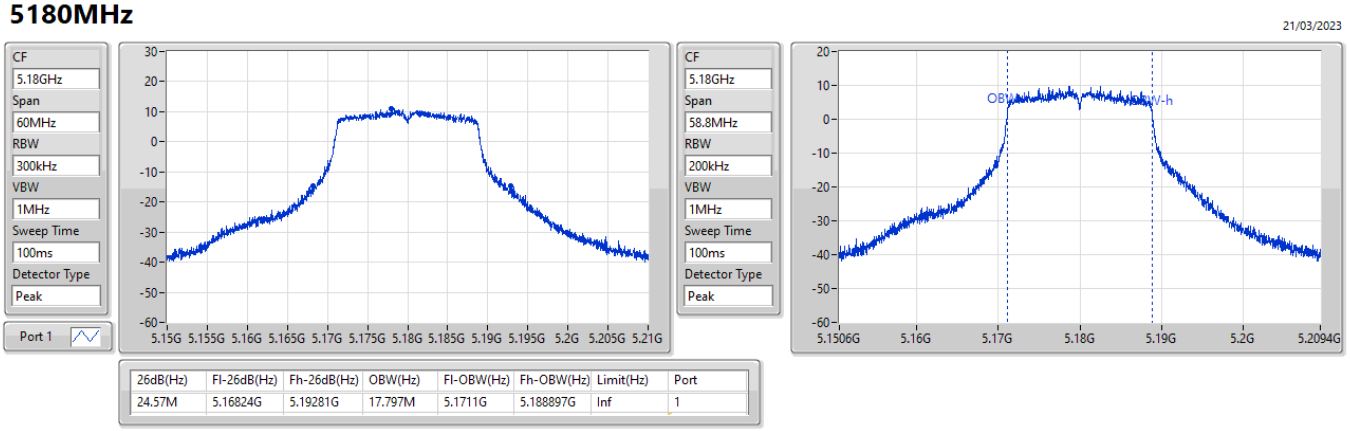
21/03/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
34.553M	5.808935G	5.843488G	Inf	1

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

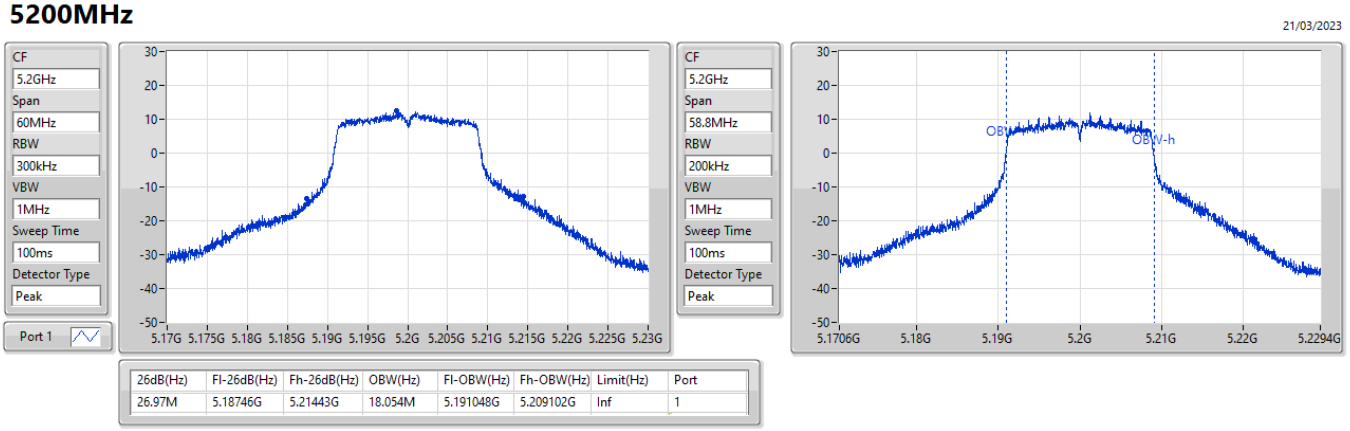
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.57M	5.16824G	5.19281G	17.797M	5.1711G	5.188897G	Inf	1

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

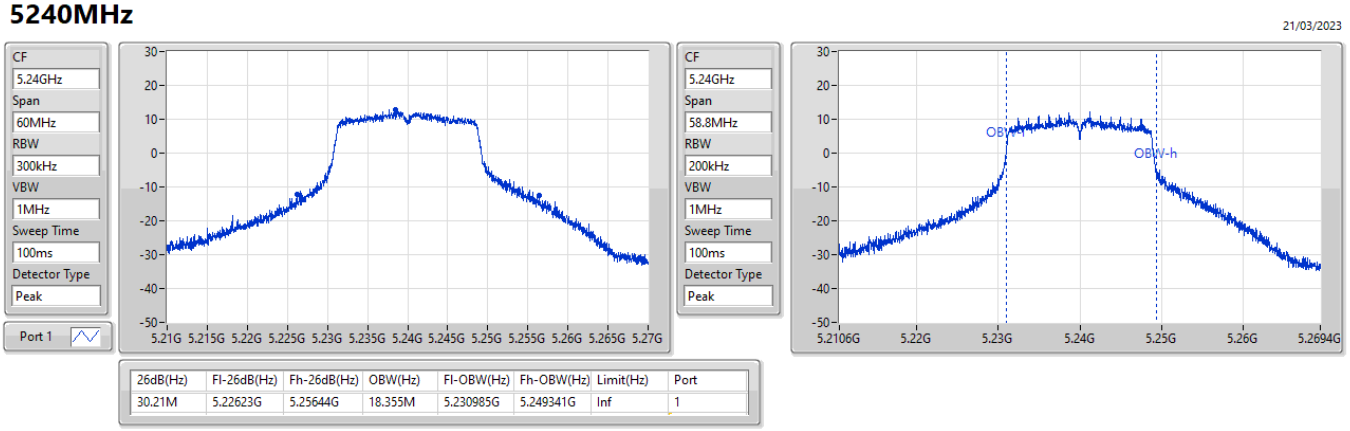
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.97M	5.18746G	5.21443G	18.054M	5.191048G	5.209102G	Inf	1

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

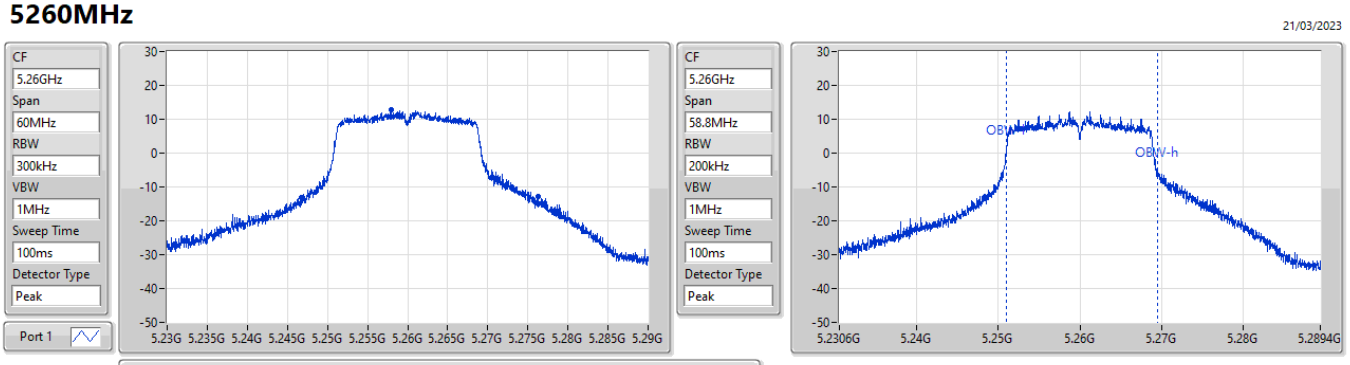
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.21M	5.22623G	5.25644G	18.355M	5.230985G	5.249341G	Inf	1

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

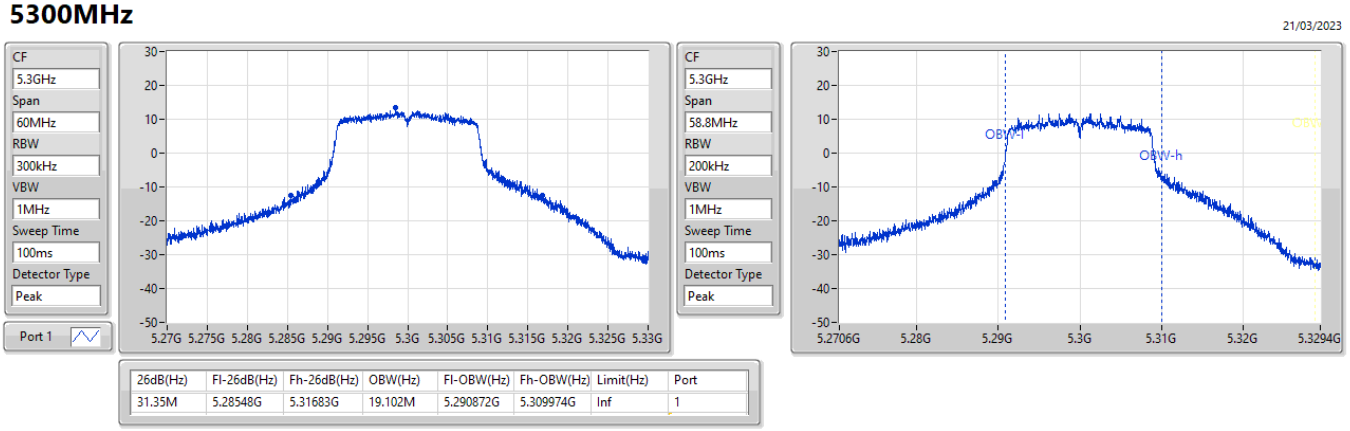
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.52M	5.2468G	5.27632G	18.523M	5.250991G	5.269514G	Inf	1

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

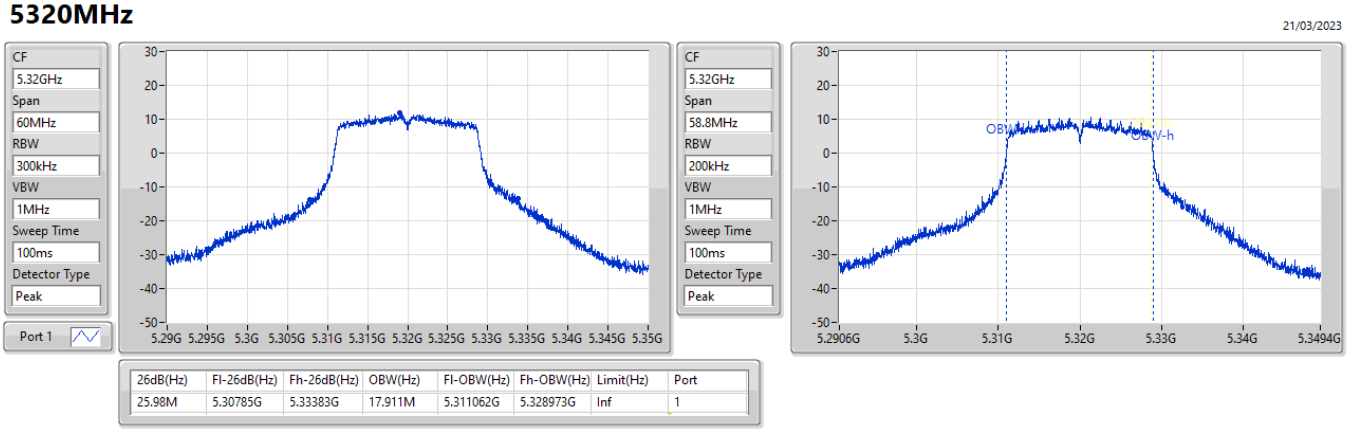
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.35M	5.28548G	5.31683G	19.102M	5.290872G	5.309974G	Inf	1

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

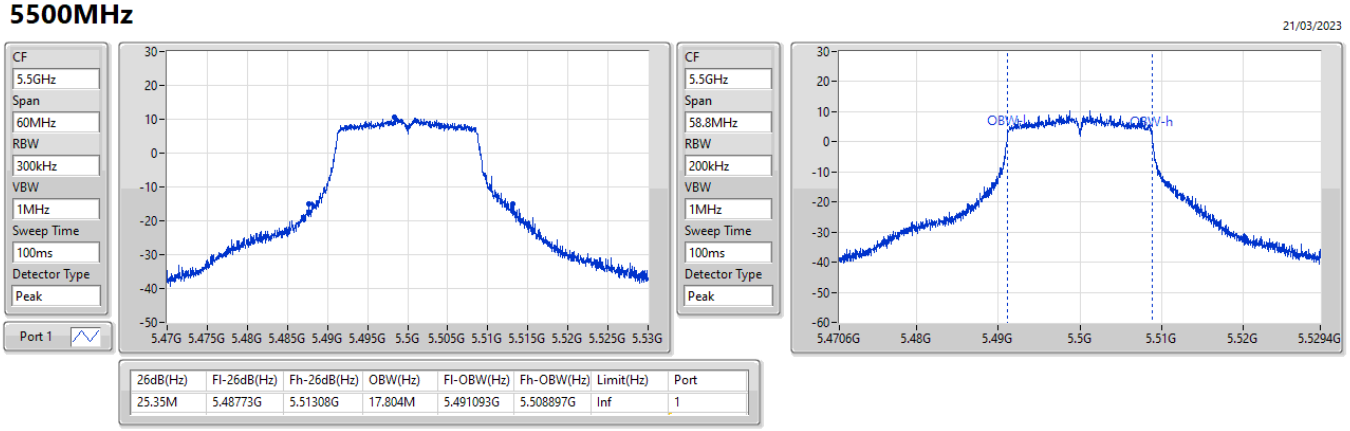
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.98M	5.30785G	5.33383G	17.911M	5.311062G	5.328973G	Inf	1

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

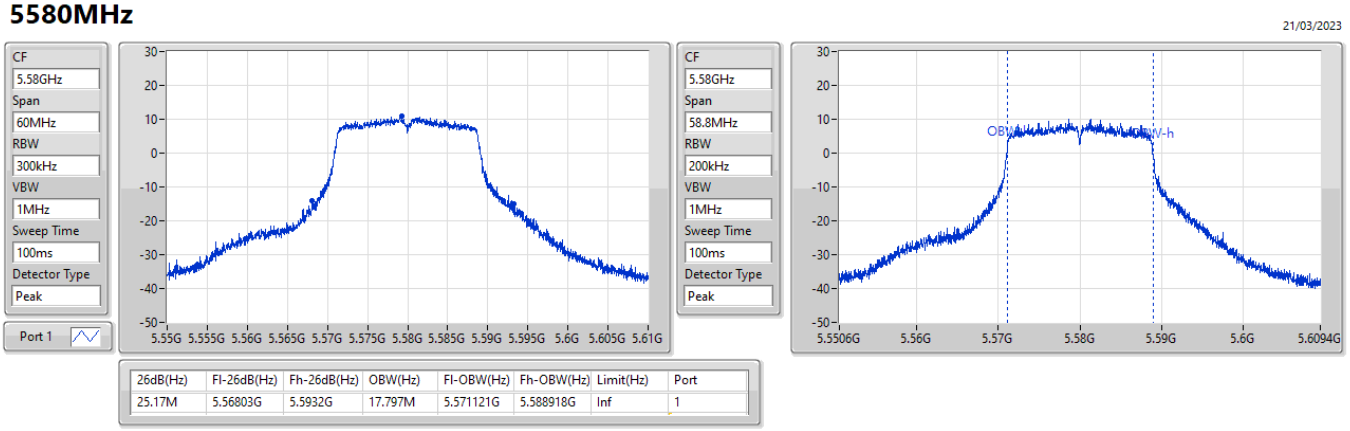
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.35M	5.48773G	5.51308G	17.804M	5.491093G	5.508897G	Inf	1

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

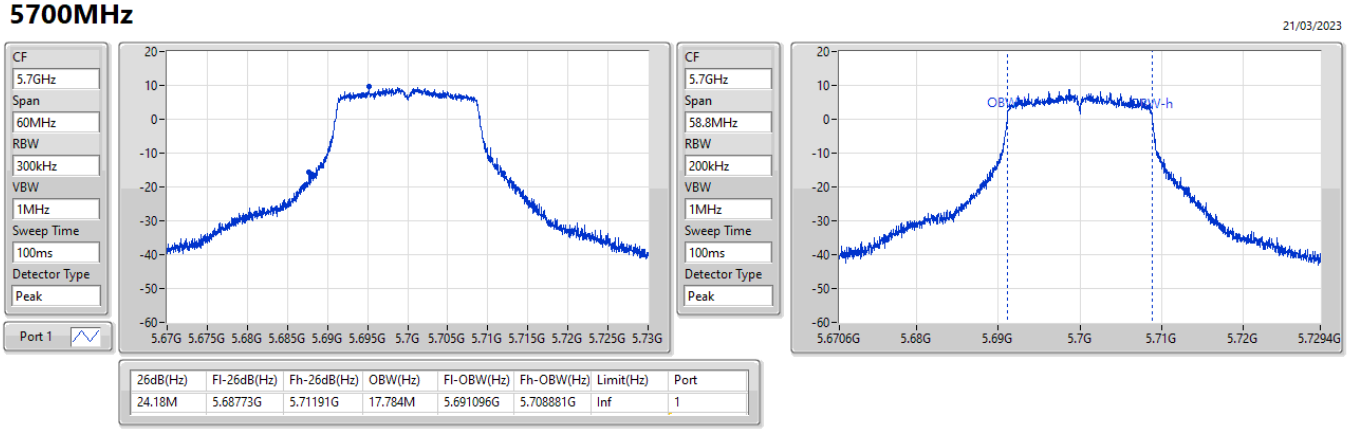
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.17M	5.56803G	5.5932G	17.797M	5.571121G	5.588918G	Inf	1

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

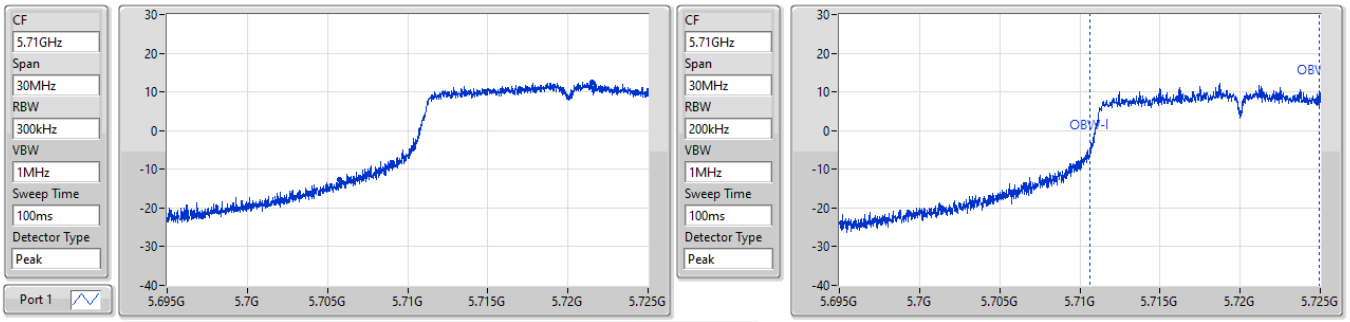
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.18M	5.68773G	5.71191G	17.784M	5.691096G	5.708881G	Inf	1

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

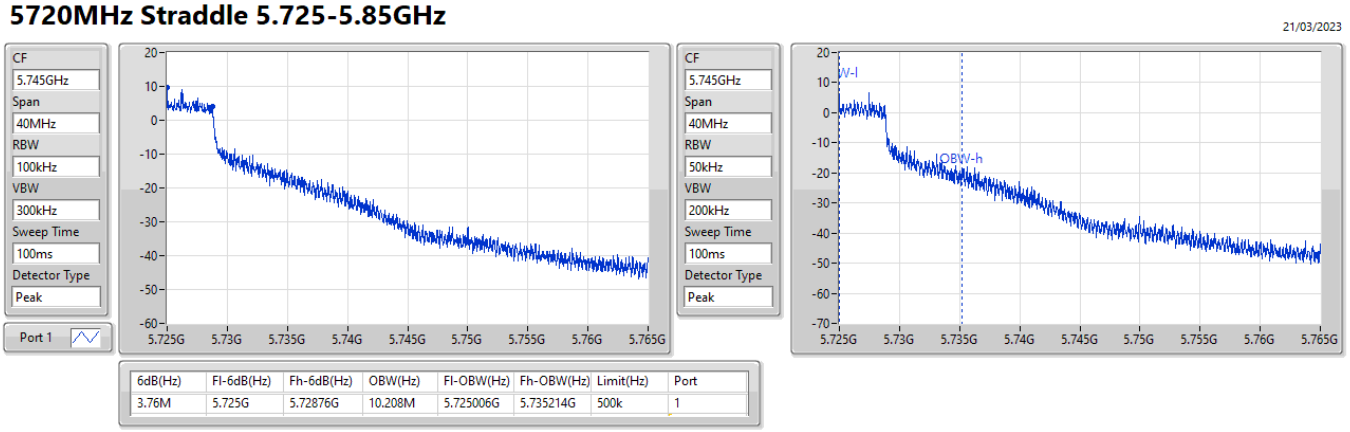
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.23M	5.70577G	5.725G	14.285M	5.710656G	5.72494G	Inf	1

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

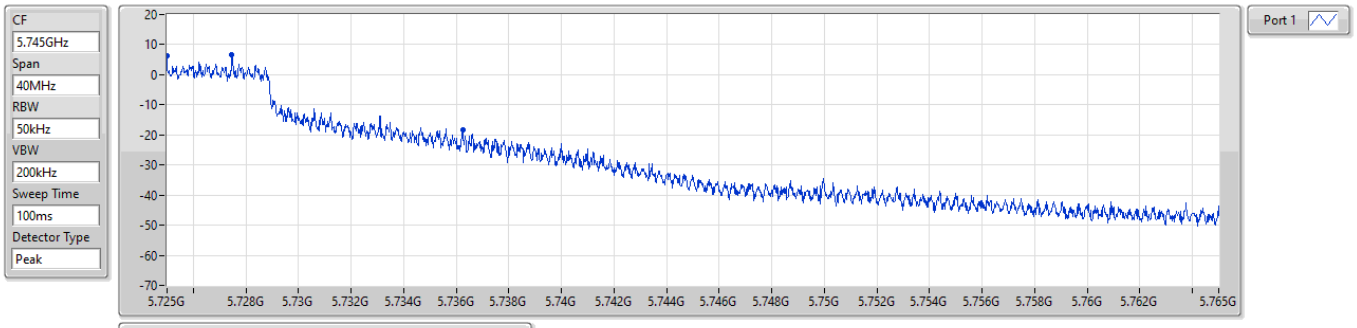
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.76M	5.725G	5.72876G	10.208M	5.725006G	5.735214G	500k	1

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

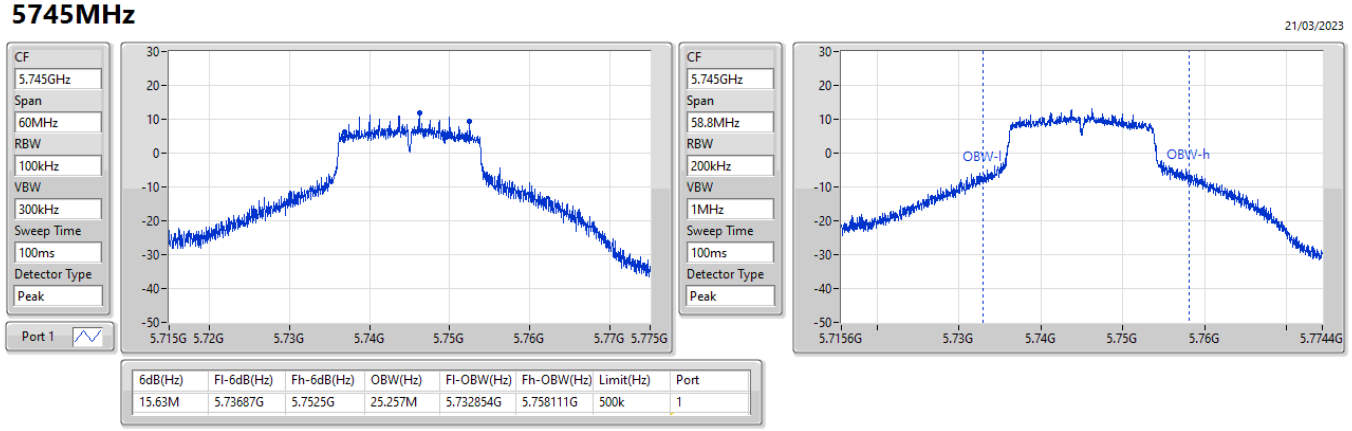
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
11.24M	5.725G	5.73624G	Inf	1

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

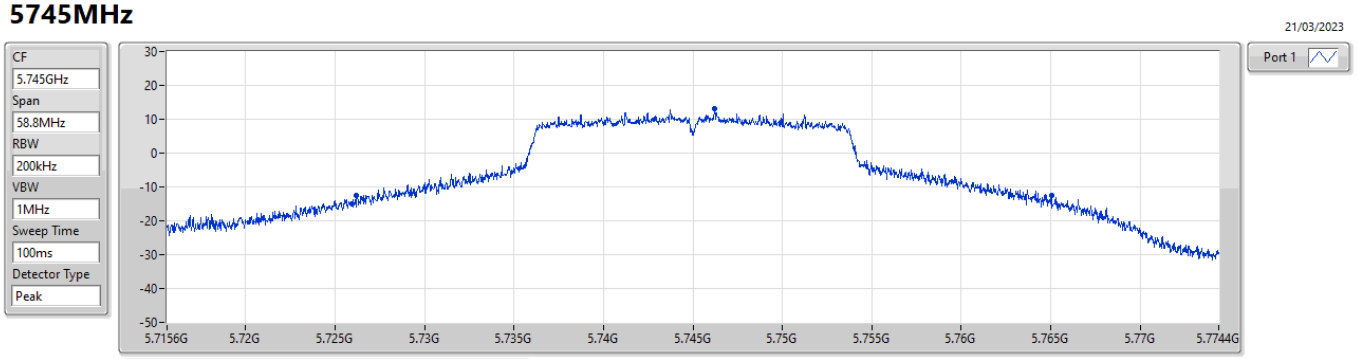
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.63M	5.73687G	5.7525G	25.257M	5.732854G	5.758111G	500k	1

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

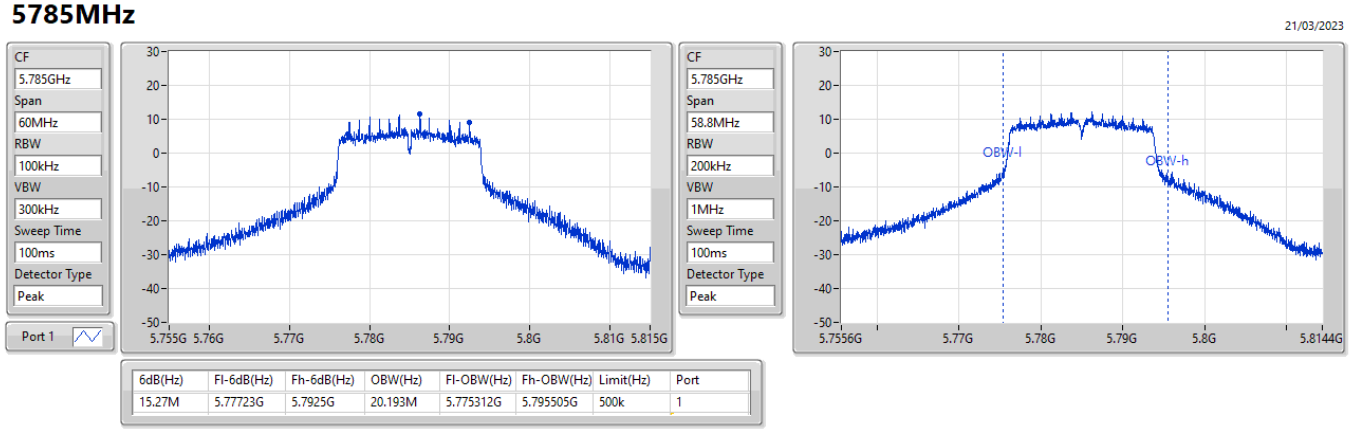
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.867M	5.726184G	5.765051G	Inf	1

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

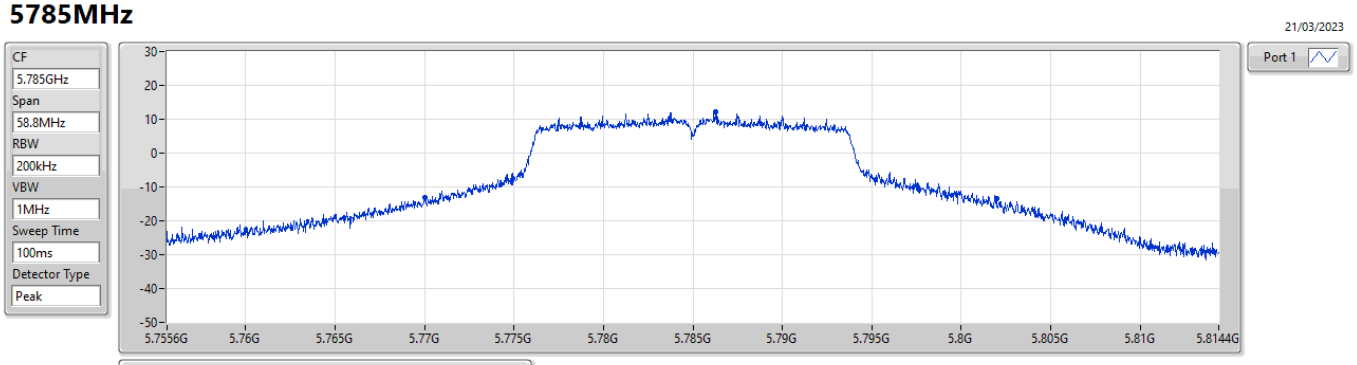
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.27M	5.77723G	5.7925G	20.193M	5.775312G	5.795505G	500k	1

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

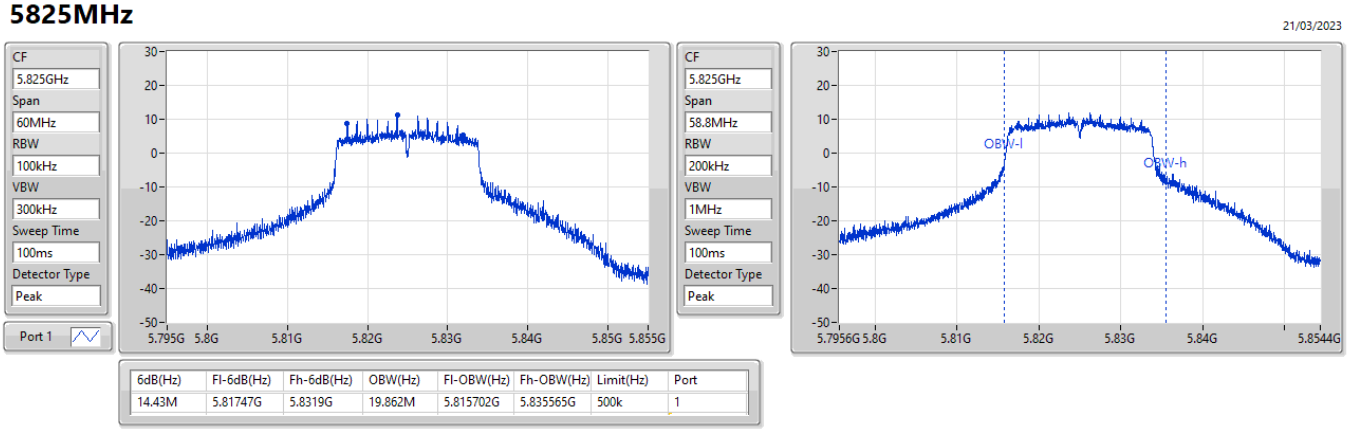
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
31.958M	5.770006G	5.801964G	Inf	1

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

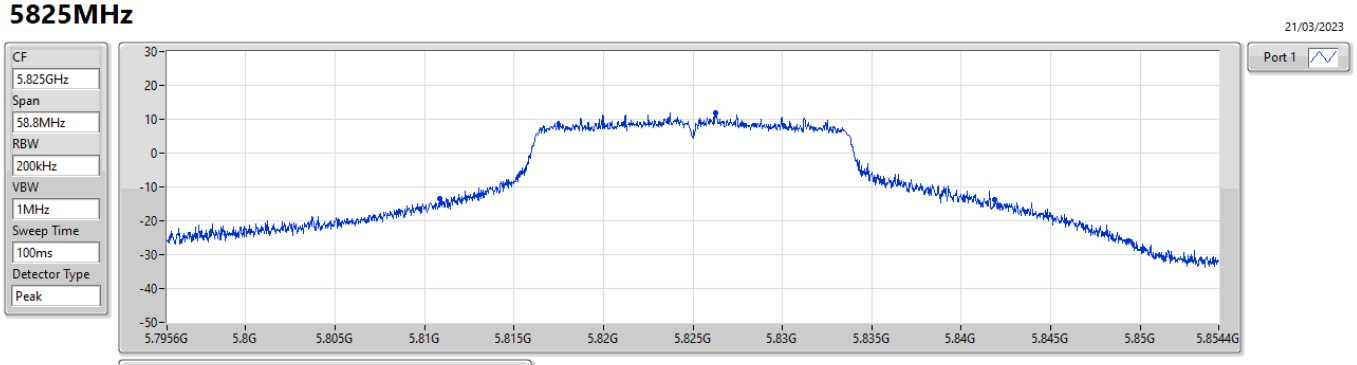
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.43M	5.81747G	5.8319G	19.862M	5.815702G	5.835565G	500k	1

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

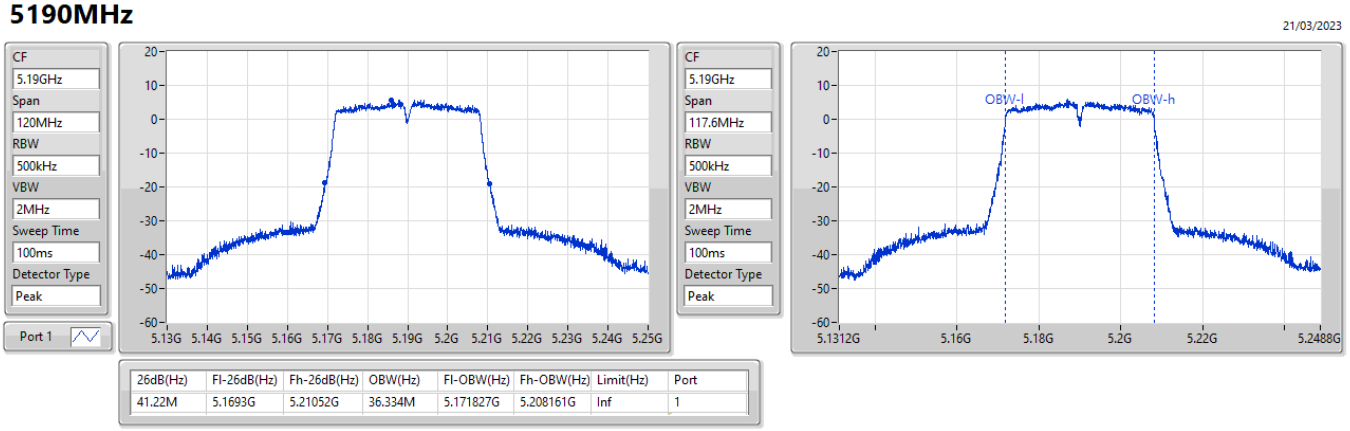
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
31.017M	5.810829G	5.841846G	Inf	1

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

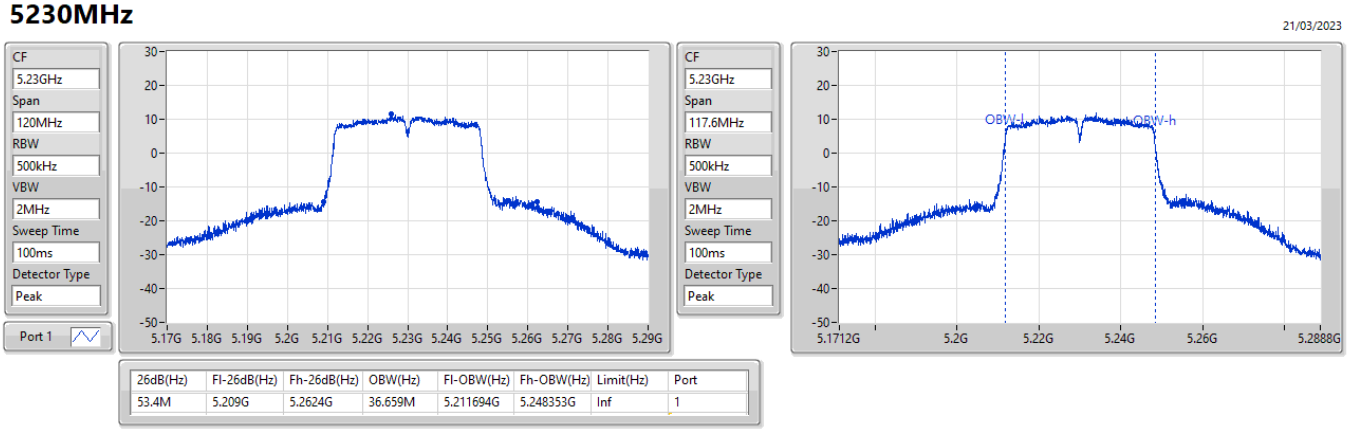
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.1693G	5.21052G	36.334M	5.171827G	5.208161G	Inf	1

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

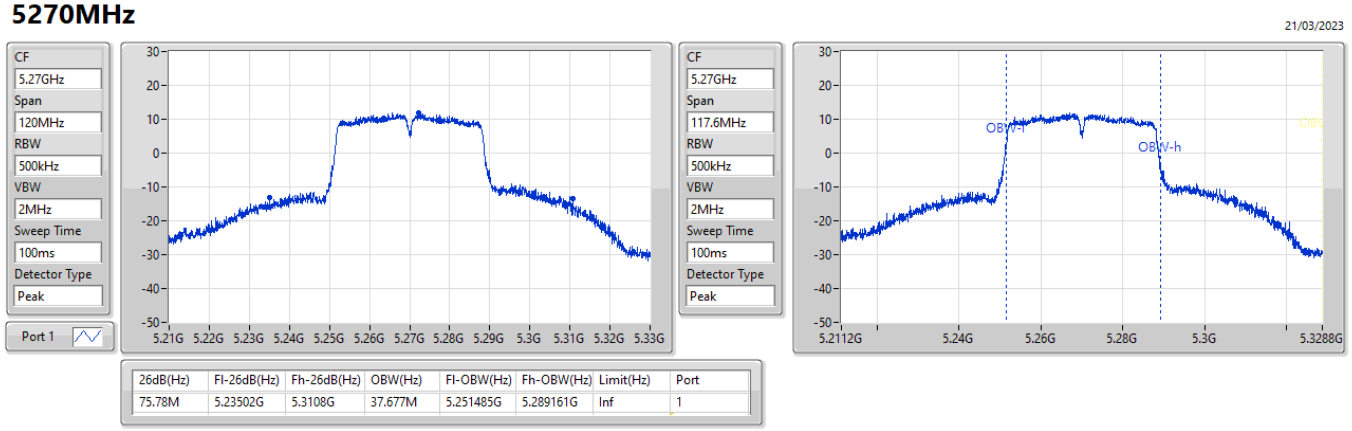
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
53.4M	5.209G	5.2624G	36.659M	5.211694G	5.248353G	Inf	1

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

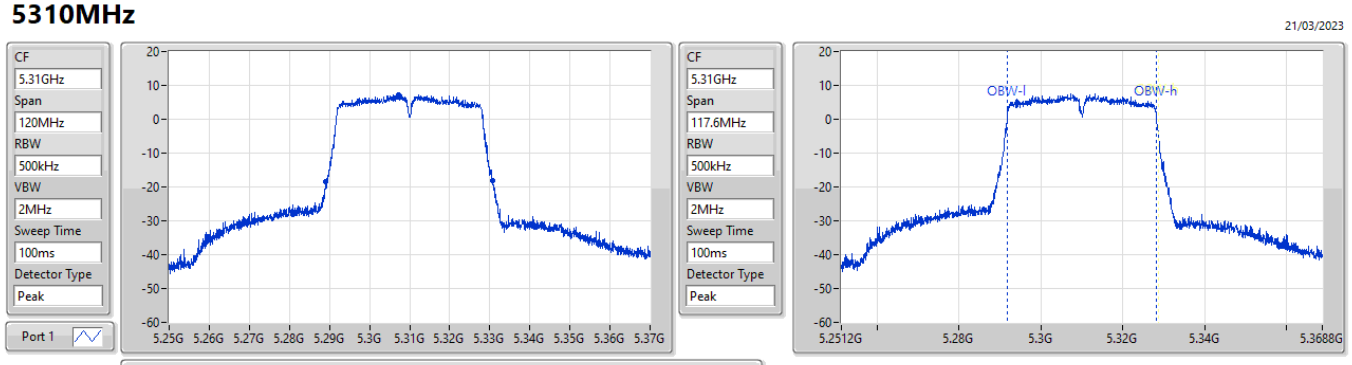
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.78M	5.23502G	5.3108G	37.677M	5.251485G	5.289161G	Inf	1

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

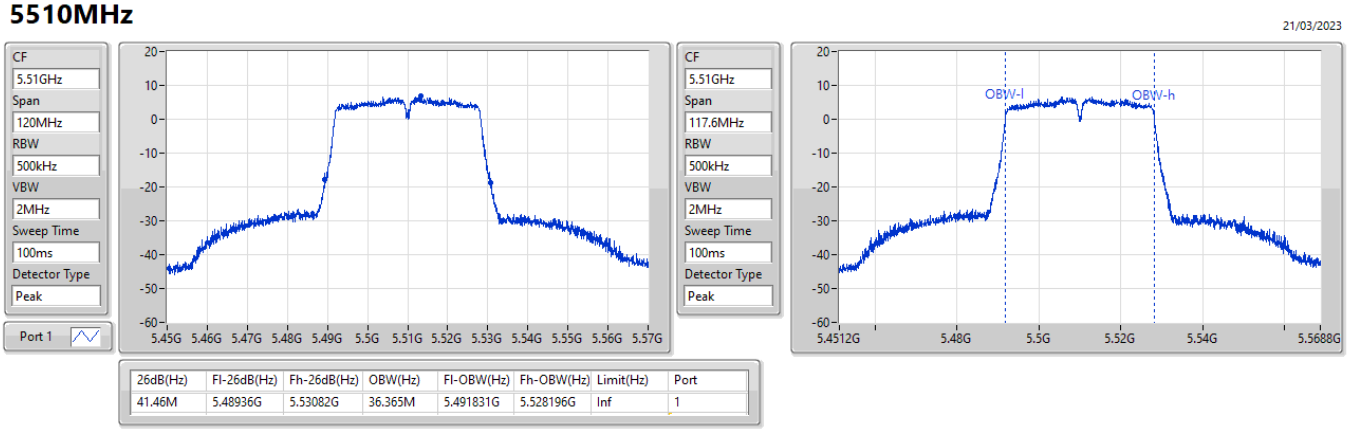
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.76M	5.28906G	5.33082G	36.315M	5.291823G	5.328137G	Inf	1

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

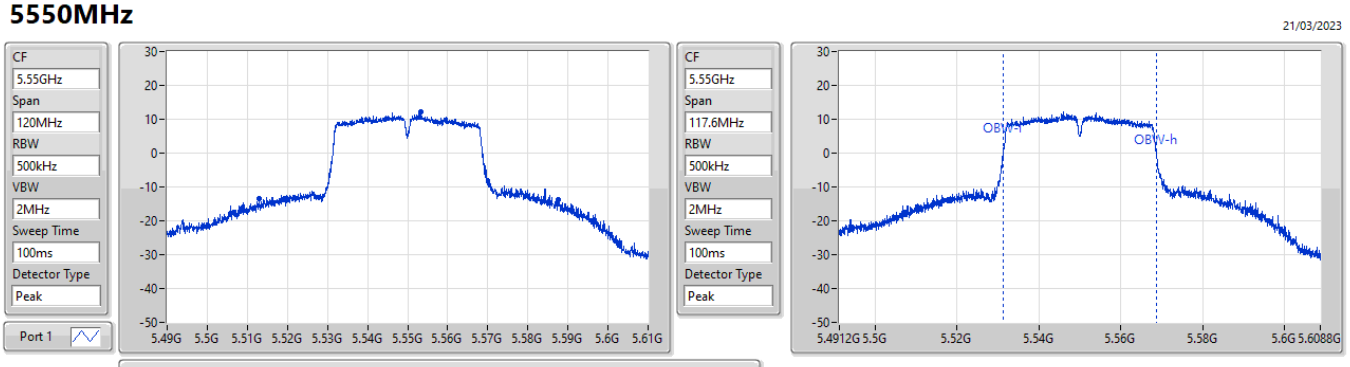
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.46M	5.48936G	5.53082G	36.365M	5.491831G	5.528196G	Inf	1

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

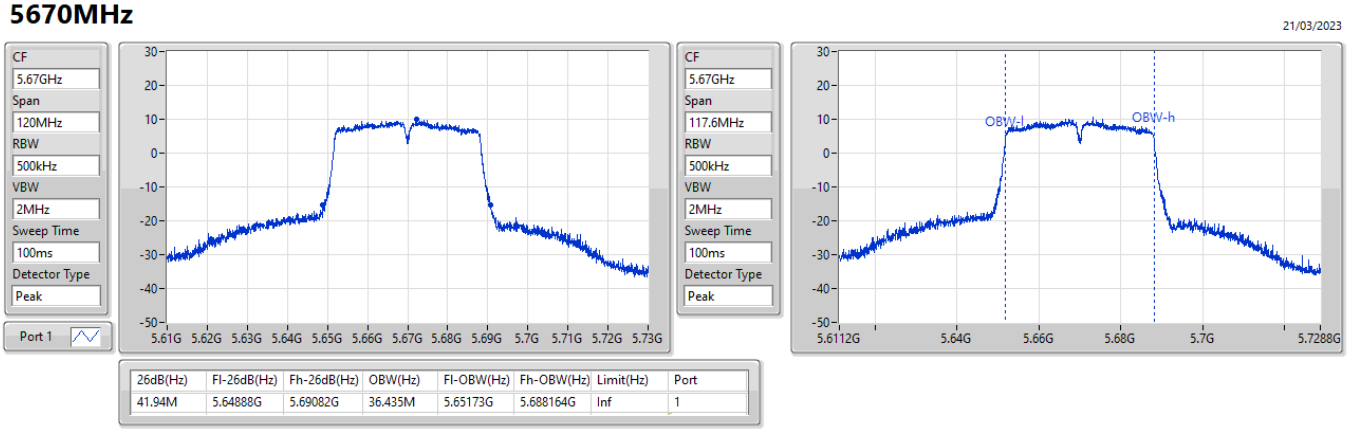
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.64M	5.51286G	5.5875G	37.477M	5.531366G	5.568843G	Inf	1

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

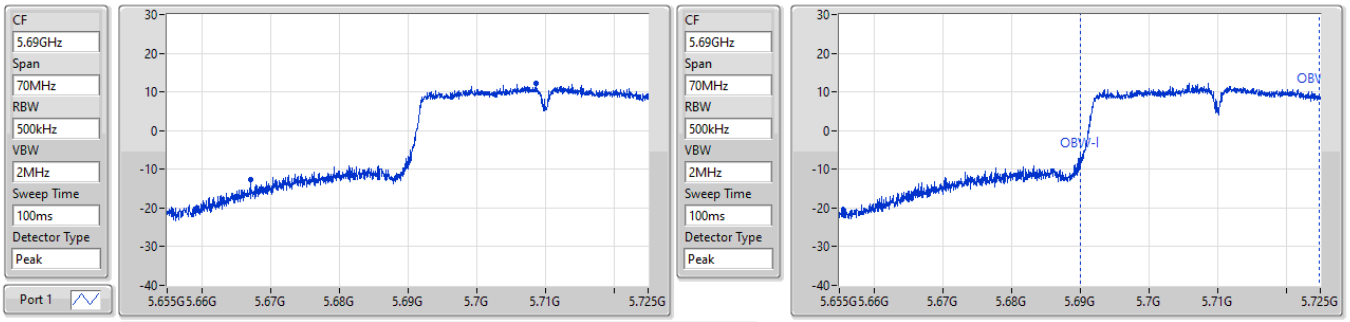
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.94M	5.64888G	5.69082G	36.435M	5.65173G	5.688164G	Inf	1

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

5710MHz Straddle 5.47-5.725GHz

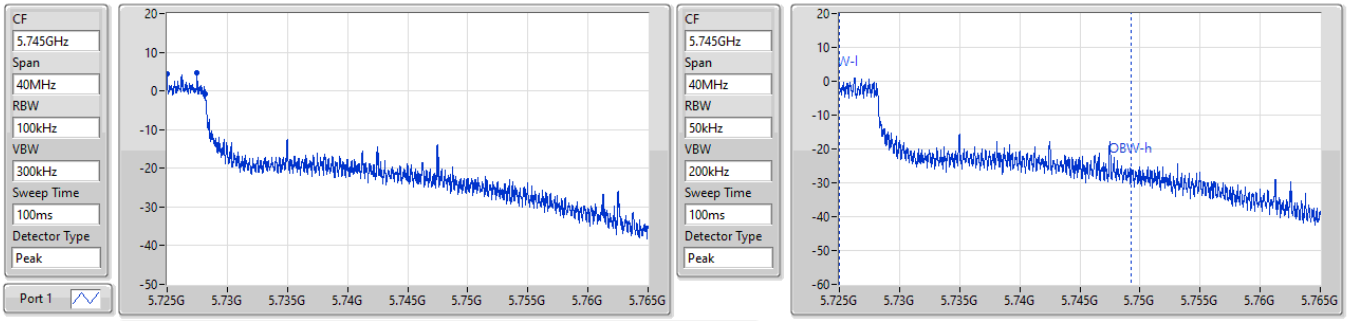


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
57.855M	5.667145G	5.725G	34.668M	5.690111G	5.72478G	Inf	1

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

5710MHz Straddle 5.725-5.85GHz

21/03/2023

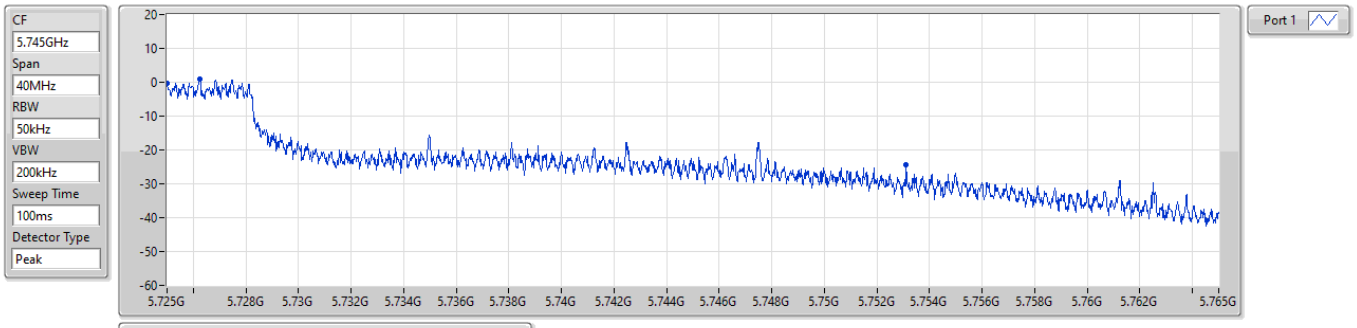


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	24.284M	5.725012G	5.749295G	500k	1

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

5710MHz Straddle 5.725-5.85GHz

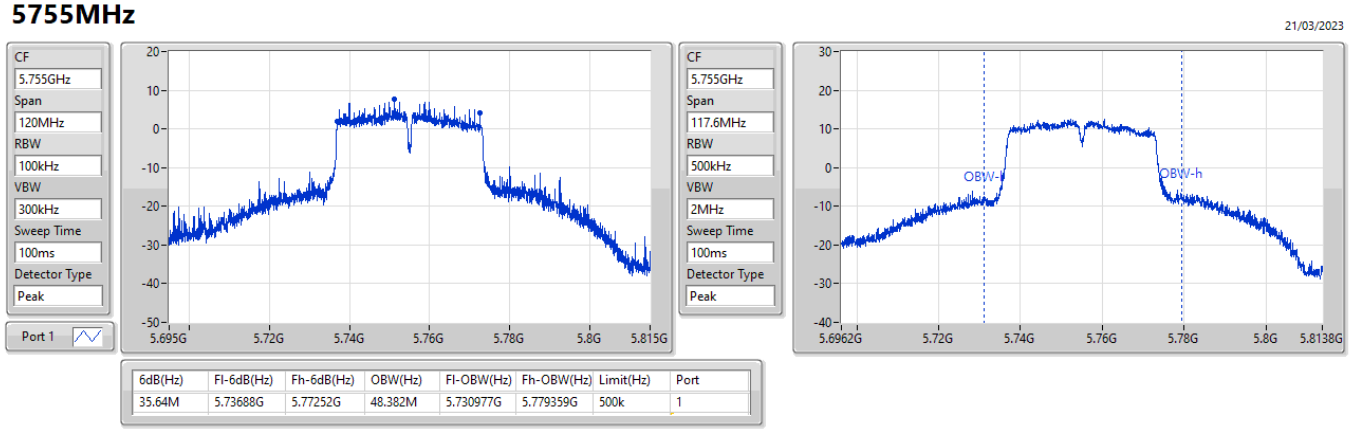
21/03/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
28.12M	5.725G	5.75312G	Inf	1

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

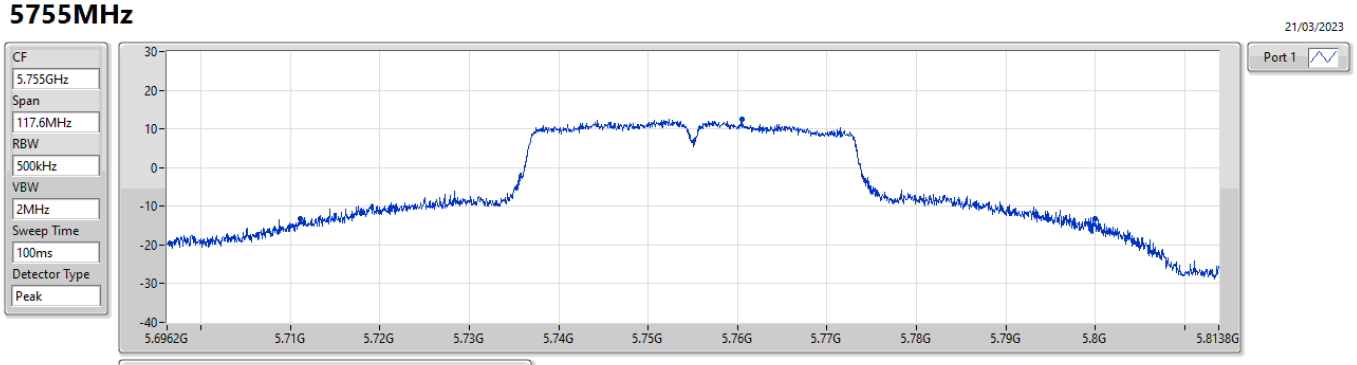
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.64M	5.73688G	5.77252G	48.382M	5.730977G	5.779359G	500k	1

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

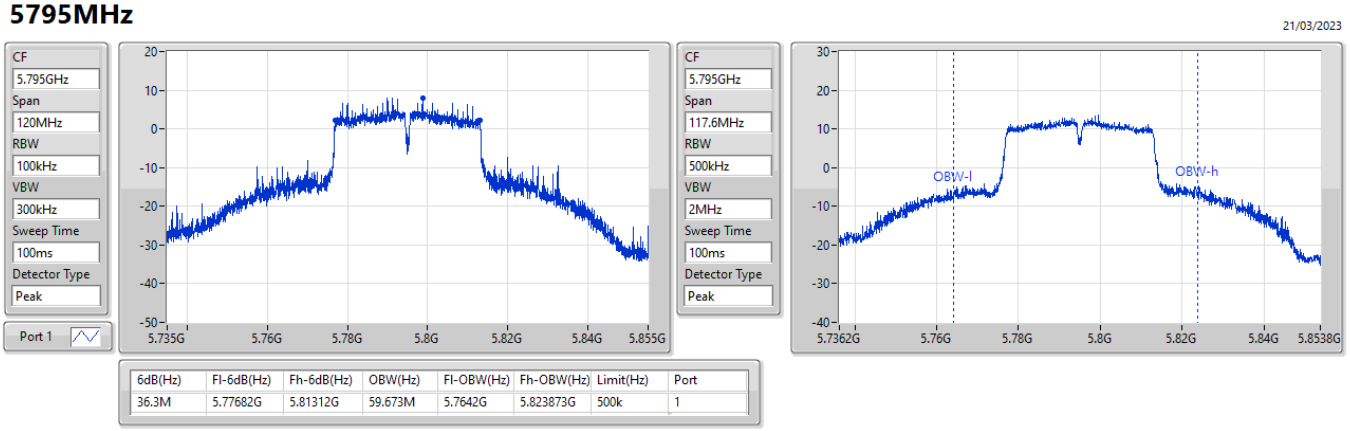
5755MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
88.847M	5.711076G	5.799923G	Inf	1

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

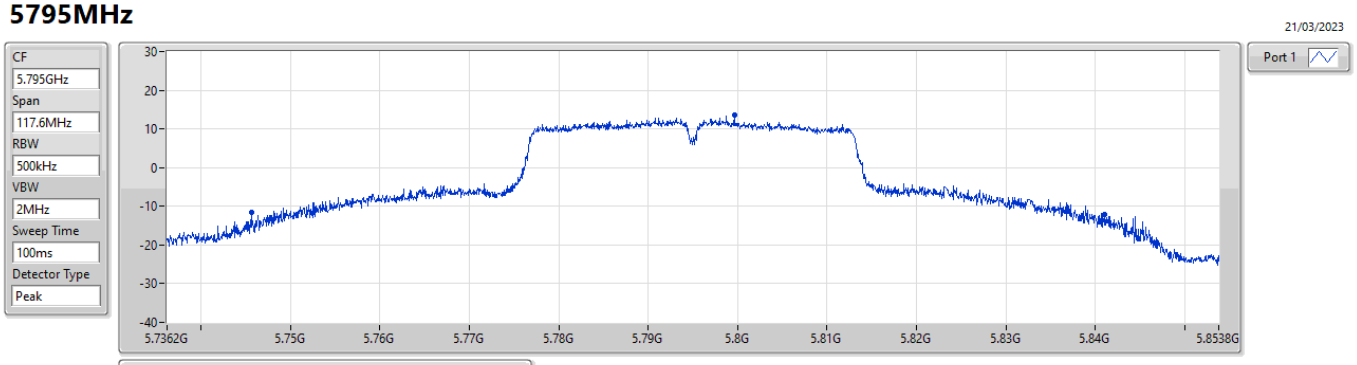
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.77682G	5.81312G	59.673M	5.7642G	5.823873G	500k	1

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

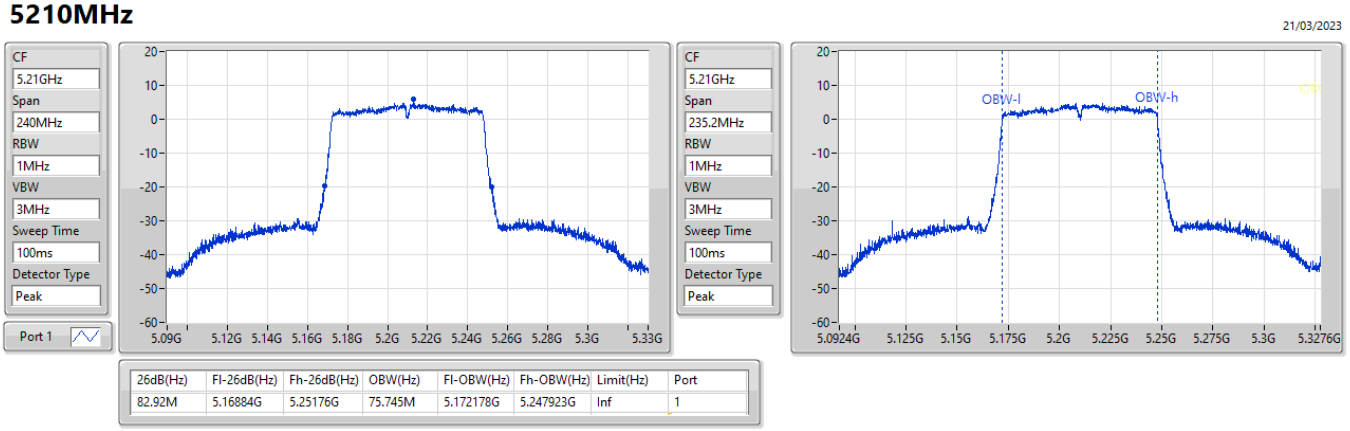
5795MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
95.374M	5.745608G	5.840982G	Inf	1

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

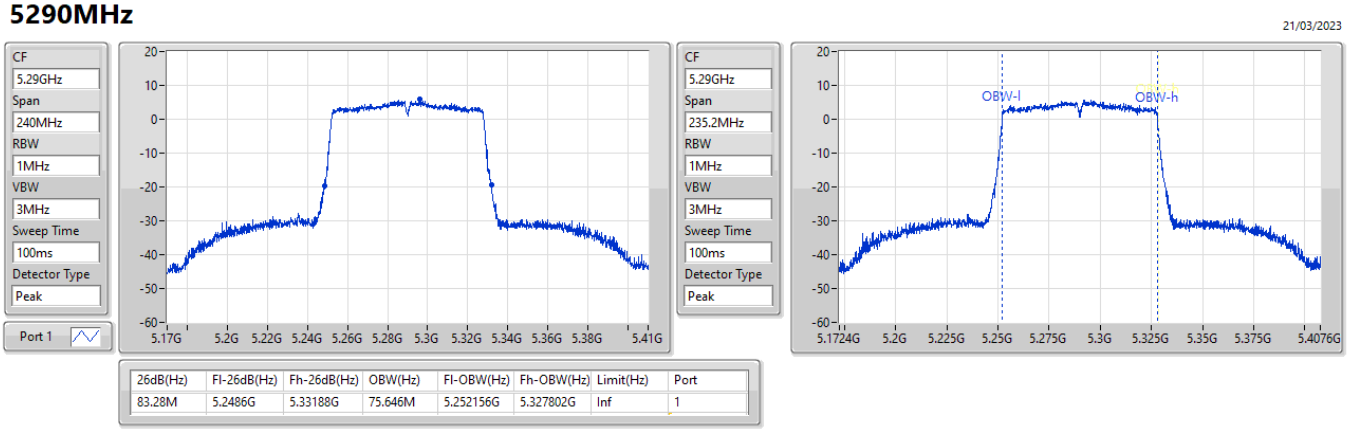
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.16884G	5.25176G	75.745M	5.172178G	5.247923G	Inf	1

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

5290MHz

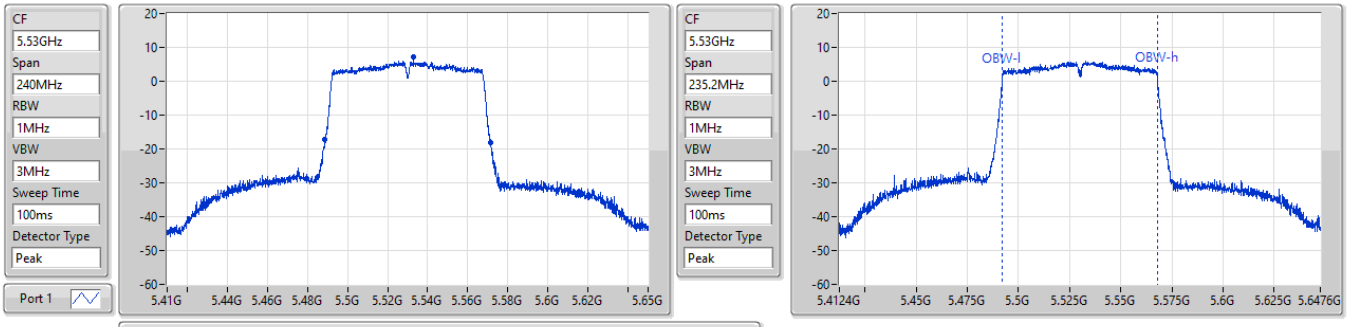


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.28M	5.2486G	5.33188G	75.646M	5.252156G	5.327802G	Inf	1

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

5530MHz

21/03/2023

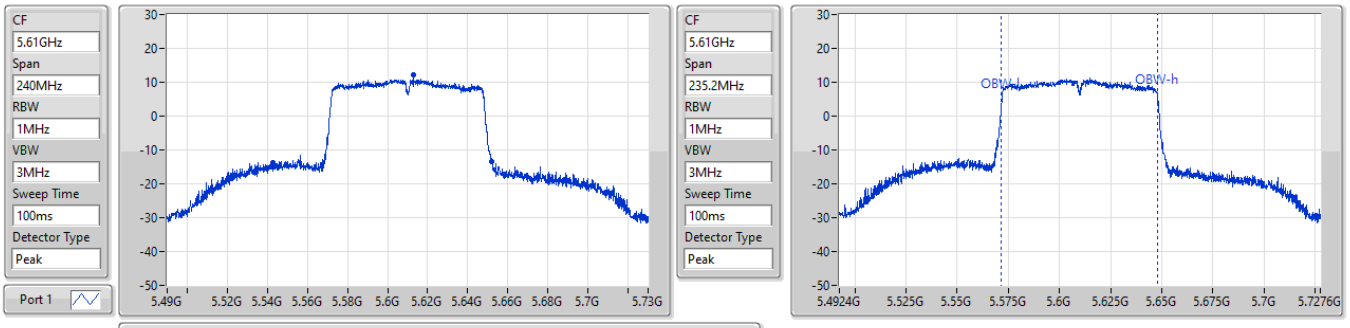


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.4886G	5.5714G	75.693M	5.492184G	5.567876G	Inf	1

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

5610MHz

21/03/2023

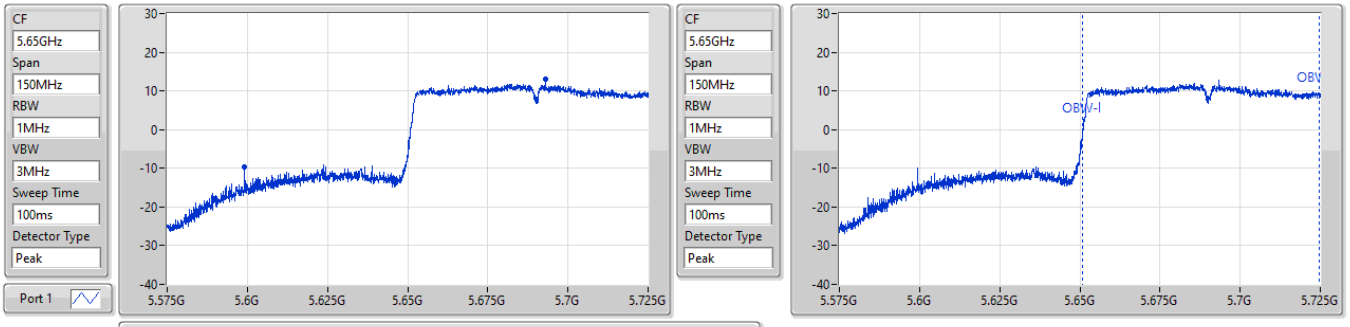


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
109.08M	5.54292G	5.652G	76.318M	5.571739G	5.648057G	Inf	1

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

5690MHz Straddle 5.47-5.725GHz

21/03/2023

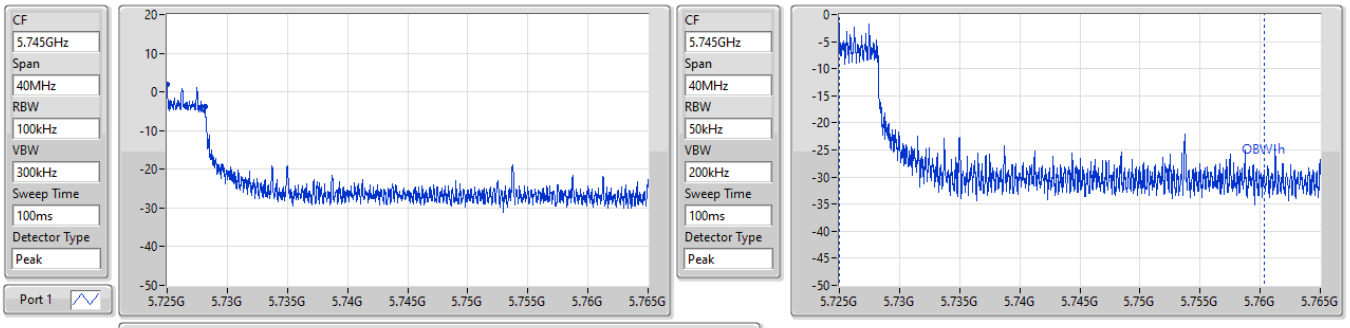


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
125.775M	5.599225G	5.725G	73.61M	5.650914G	5.724525G	Inf	1

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

5690MHz Straddle 5.725-5.85GHz

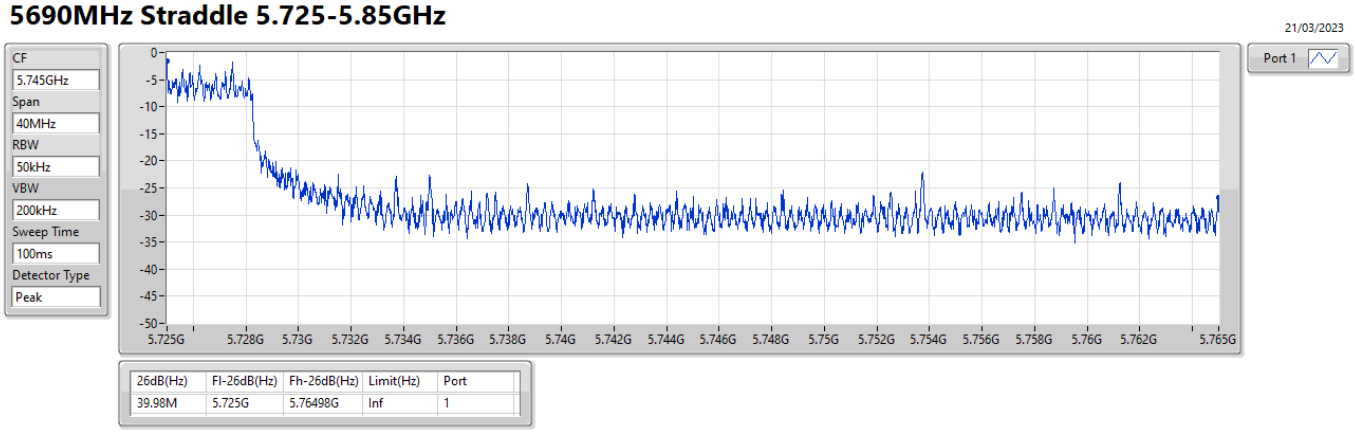
21/03/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	35.345M	5.725006G	5.760352G	500k	1

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

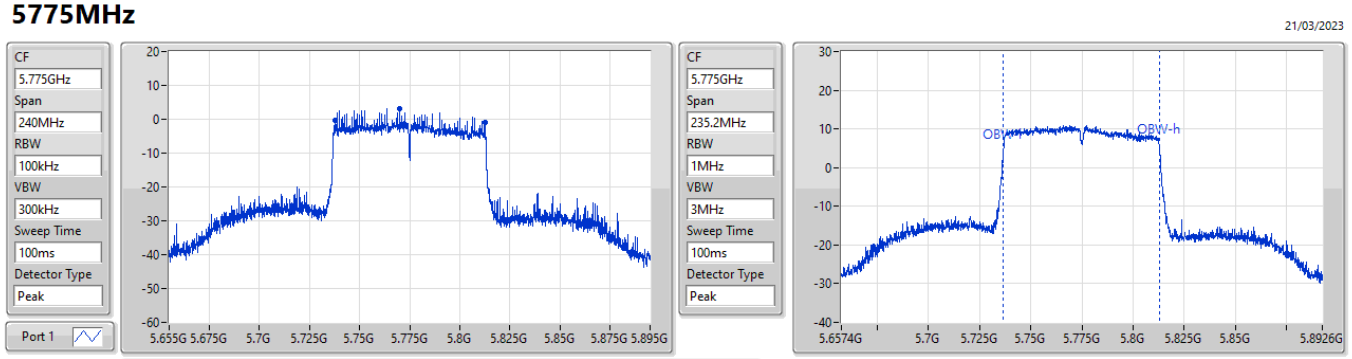
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
39.98M	5.725G	5.76498G	Inf	1

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

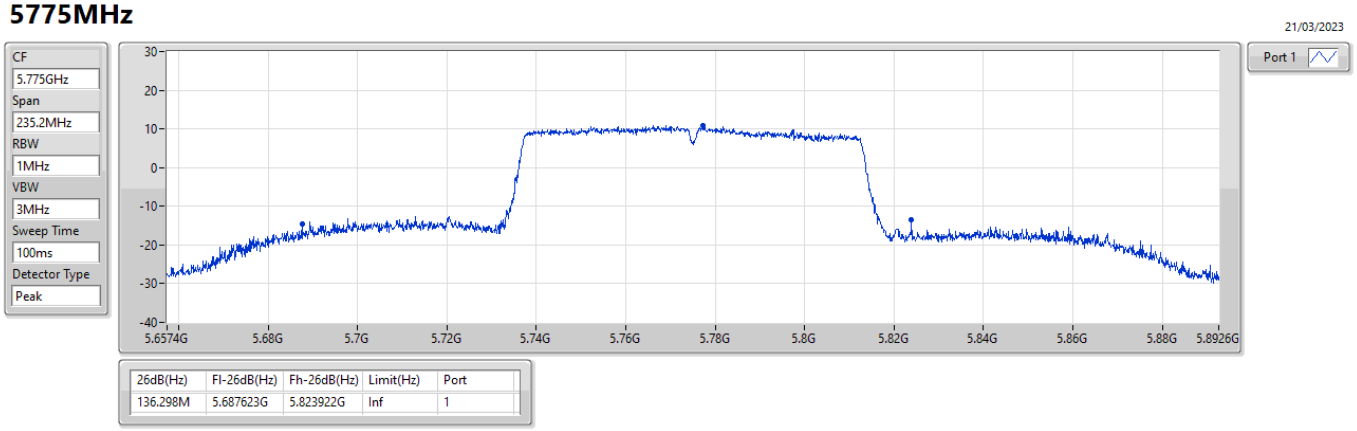
5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75M	5.73756G	5.81256G	76.371M	5.736577G	5.812948G	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
136.298M	5.687623G	5.823922G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.44	0.11066
802.11ac VHT20_Nss1,(MCS0)_1TX	20.38	0.10914
802.11ac VHT40_Nss1,(MCS0)_1TX	19.88	0.09727
802.11ac VHT80_Nss1,(MCS0)_1TX	12.81	0.01910
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.41	0.10990
802.11ac VHT20_Nss1,(MCS0)_1TX	20.59	0.11455
802.11ac VHT40_Nss1,(MCS0)_1TX	20.44	0.11066
802.11ac VHT80_Nss1,(MCS0)_1TX	13.59	0.02286
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.37	0.10889
802.11ac VHT20_Nss1,(MCS0)_1TX	19.52	0.08954
802.11ac VHT40_Nss1,(MCS0)_1TX	20.25	0.10593
802.11ac VHT80_Nss1,(MCS0)_1TX	19.74	0.09419
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.41	0.13836
802.11ac VHT20_Nss1,(MCS0)_1TX	21.30	0.13490
802.11ac VHT40_Nss1,(MCS0)_1TX	21.32	0.13552
802.11ac VHT80_Nss1,(MCS0)_1TX	18.77	0.07534

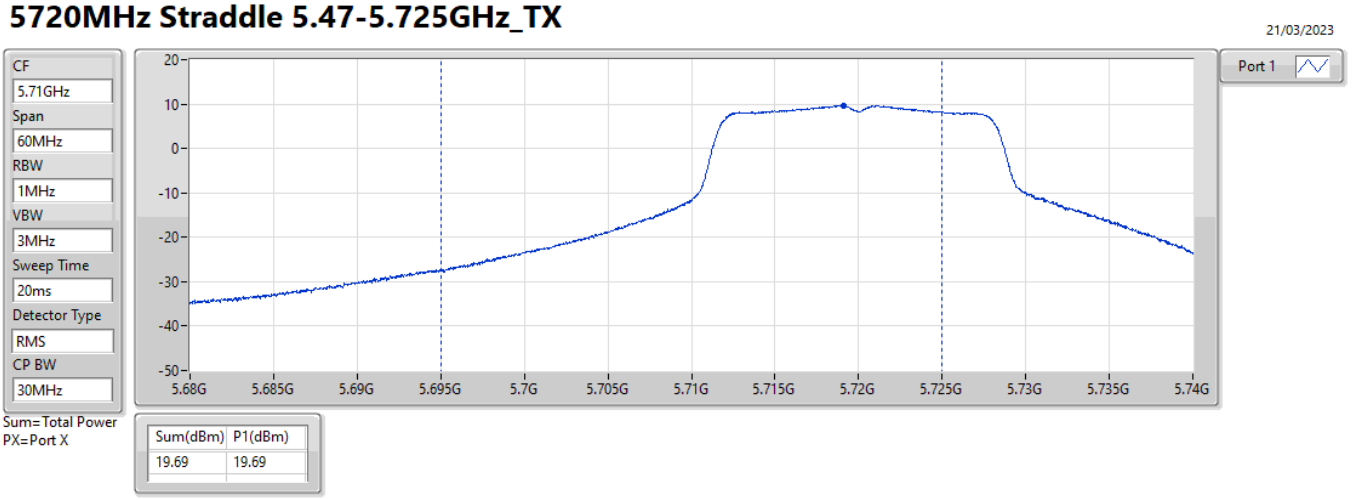
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.21	18.42	18.42	23.98
5200MHz	Pass	4.21	20.15	20.15	23.98
5240MHz	Pass	4.21	20.44	20.44	23.98
5260MHz	Pass	4.21	20.36	20.36	23.98
5300MHz	Pass	4.21	20.41	20.41	23.98
5320MHz	Pass	4.21	19.75	19.75	23.98
5500MHz	Pass	4.51	17.30	17.30	23.98
5580MHz	Pass	4.51	20.37	20.37	23.98
5700MHz	Pass	4.51	16.78	16.78	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.51	19.69	19.69	23.94
5720MHz Straddle 5.725-5.85GHz	Pass	3.94	12.93	12.93	30.00
5745MHz	Pass	3.94	21.41	21.41	30.00
5785MHz	Pass	3.94	20.65	20.65	30.00
5825MHz	Pass	3.94	20.75	20.75	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.21	18.69	18.69	23.98
5200MHz	Pass	4.21	20.05	20.05	23.98
5240MHz	Pass	4.21	20.38	20.38	23.98
5260MHz	Pass	4.21	20.28	20.28	23.98
5300MHz	Pass	4.21	20.59	20.59	23.98
5320MHz	Pass	4.21	19.54	19.54	23.98
5500MHz	Pass	4.51	18.56	18.56	23.98
5580MHz	Pass	4.51	18.85	18.85	23.98
5700MHz	Pass	4.51	17.45	17.45	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.51	19.52	19.52	23.84
5720MHz Straddle 5.725-5.85GHz	Pass	3.94	13.31	13.31	30.00
5745MHz	Pass	3.94	21.30	21.30	30.00
5785MHz	Pass	3.94	20.58	20.58	30.00
5825MHz	Pass	3.94	20.40	20.40	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.21	14.52	14.52	23.98
5230MHz	Pass	4.21	19.88	19.88	23.98
5270MHz	Pass	4.21	20.44	20.44	23.98
5310MHz	Pass	4.21	16.24	16.24	23.98
5510MHz	Pass	4.51	15.51	15.51	23.98
5550MHz	Pass	4.51	20.25	20.25	23.98
5670MHz	Pass	4.51	18.62	18.62	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.51	20.10	20.10	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.94	9.35	9.35	30.00
5755MHz	Pass	3.94	21.03	21.03	30.00
5795MHz	Pass	3.94	21.32	21.32	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.21	12.81	12.81	23.98
5290MHz	Pass	4.21	13.59	13.59	23.98
5530MHz	Pass	4.51	13.75	13.75	23.98
5610MHz	Pass	4.51	18.96	18.96	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.51	19.74	19.74	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.94	5.30	5.30	30.00
5775MHz	Pass	3.94	18.77	18.77	30.00

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

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

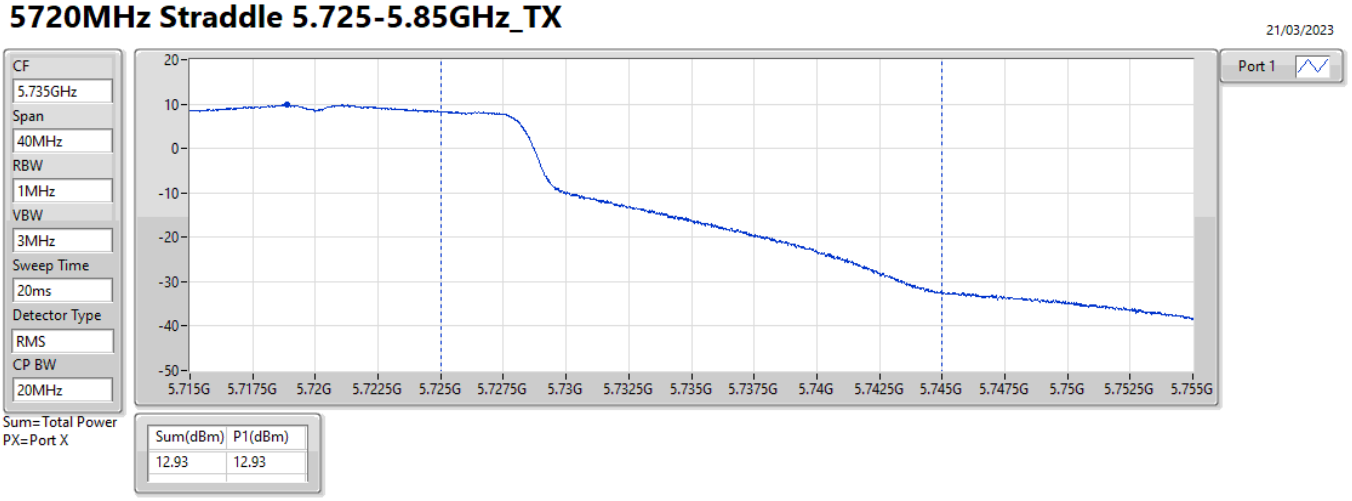
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)
19.69	19.69

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

5720MHz Straddle 5.725-5.85GHz_TX

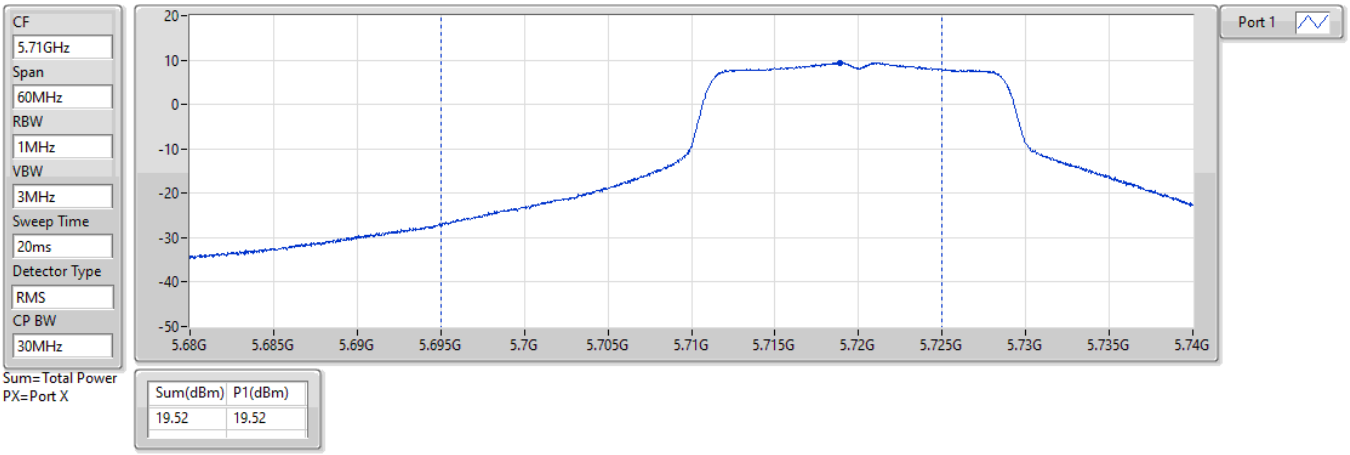


Sum(dBm)	P1(dBm)
12.93	12.93

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

5720MHz Straddle 5.47-5.725GHz_TX

21/03/2023



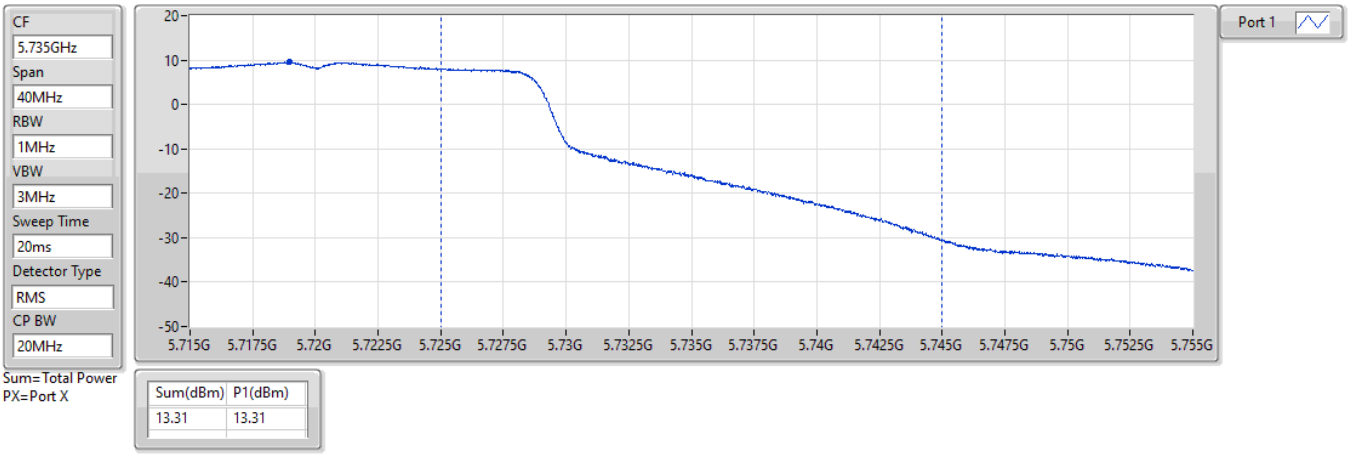
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
19.52	19.52

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

5720MHz Straddle 5.725-5.85GHz_TX

21/03/2023

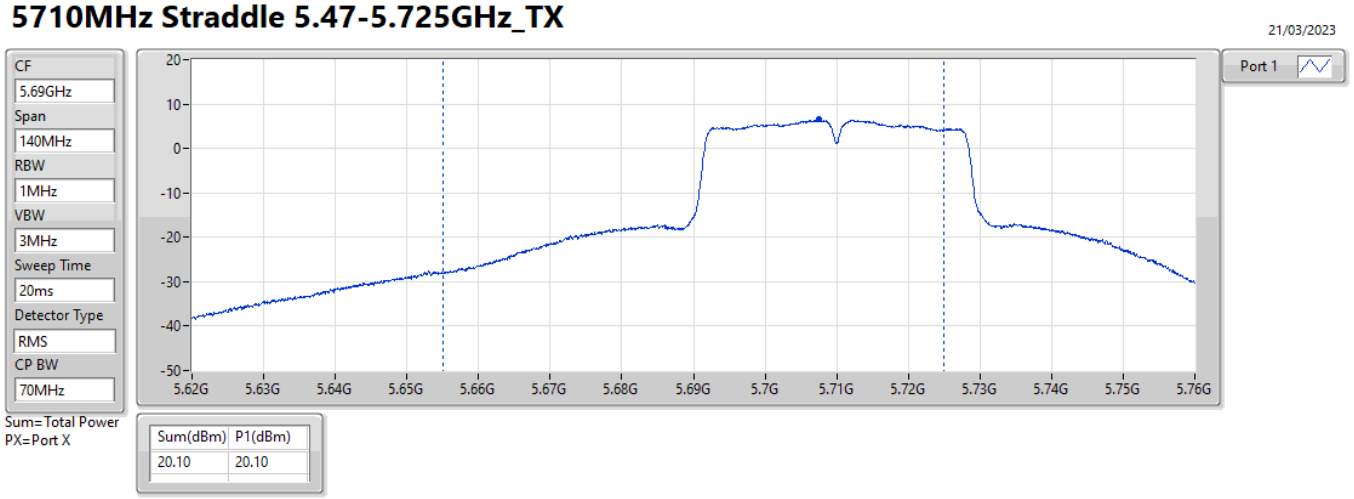


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
13.31	13.31

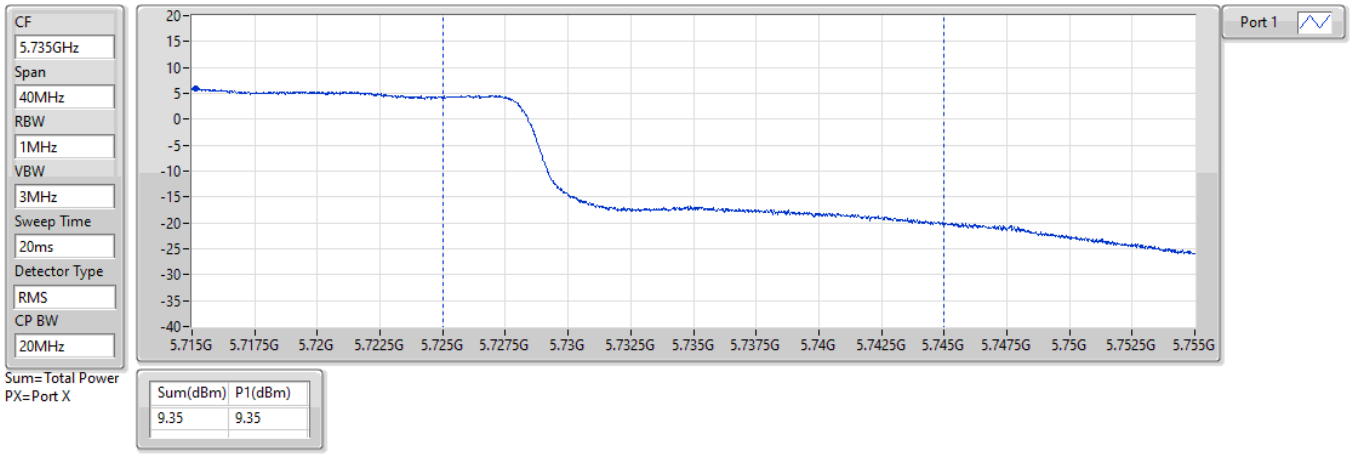
5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX AV Power

5710MHz Straddle 5.47-5.725GHz_TX



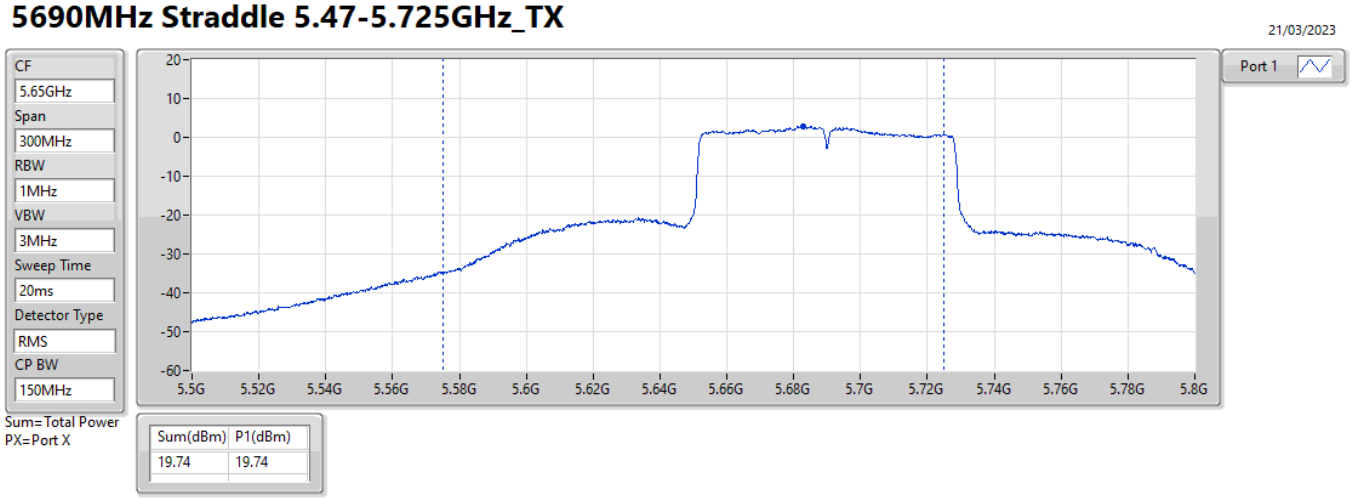
5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX AV Power

5710MHz Straddle 5.725-5.85GHz_TX



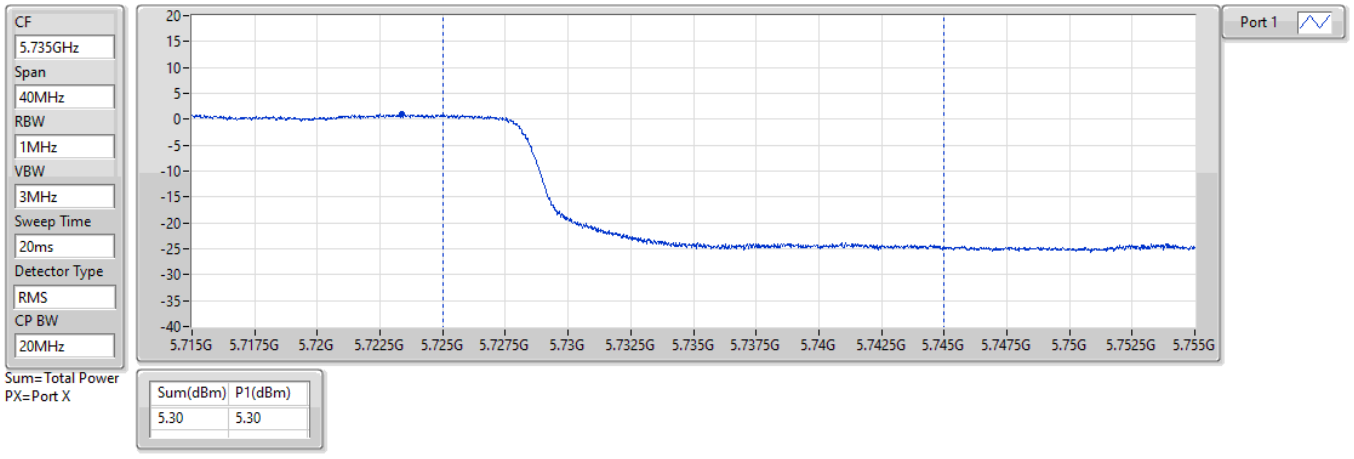
5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX AV Power

5690MHz Straddle 5.47-5.725GHz_TX



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

5690MHz Straddle 5.725-5.85GHz_TX



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.34
802.11ac VHT20_Nss1,(MCS0)_1TX	7.98
802.11ac VHT40_Nss1,(MCS0)_1TX	4.64
802.11ac VHT80_Nss1,(MCS0)_1TX	-5.82
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.23
802.11ac VHT20_Nss1,(MCS0)_1TX	8.15
802.11ac VHT40_Nss1,(MCS0)_1TX	5.15
802.11ac VHT80_Nss1,(MCS0)_1TX	-4.88
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.30
802.11ac VHT20_Nss1,(MCS0)_1TX	7.89
802.11ac VHT40_Nss1,(MCS0)_1TX	5.01
802.11ac VHT80_Nss1,(MCS0)_1TX	1.34
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.82
802.11ac VHT20_Nss1,(MCS0)_1TX	7.35
802.11ac VHT40_Nss1,(MCS0)_1TX	4.39
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.96

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

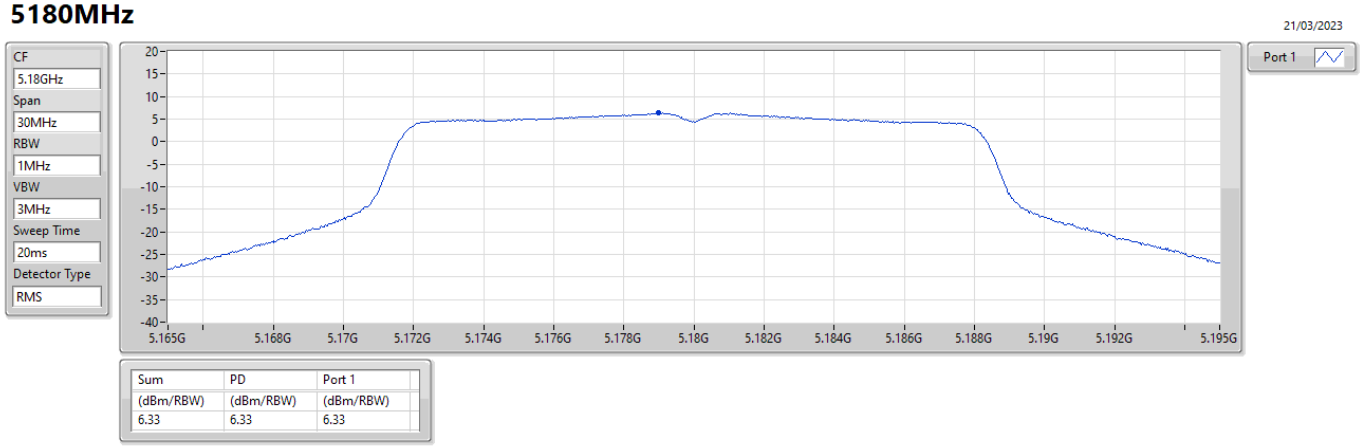
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.21	6.33	6.33	11.00
5200MHz	Pass	4.21	8.01	8.01	11.00
5240MHz	Pass	4.21	8.34	8.34	11.00
5260MHz	Pass	4.21	8.22	8.22	11.00
5300MHz	Pass	4.21	8.23	8.23	11.00
5320MHz	Pass	4.21	7.65	7.65	11.00
5500MHz	Pass	4.51	5.12	5.12	11.00
5580MHz	Pass	4.51	8.21	8.21	11.00
5700MHz	Pass	4.51	4.56	4.56	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.51	8.30	8.30	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.94	5.30	5.30	30.00
5745MHz	Pass	3.94	7.82	7.82	30.00
5785MHz	Pass	3.94	7.09	7.09	30.00
5825MHz	Pass	3.94	7.06	7.06	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.21	6.33	6.33	11.00
5200MHz	Pass	4.21	7.60	7.60	11.00
5240MHz	Pass	4.21	7.98	7.98	11.00
5260MHz	Pass	4.21	7.86	7.86	11.00
5300MHz	Pass	4.21	8.15	8.15	11.00
5320MHz	Pass	4.21	7.18	7.18	11.00
5500MHz	Pass	4.51	6.09	6.09	11.00
5580MHz	Pass	4.51	6.44	6.44	11.00
5700MHz	Pass	4.51	5.13	5.13	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.51	7.89	7.89	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.94	5.04	5.04	30.00
5745MHz	Pass	3.94	7.35	7.35	30.00
5785MHz	Pass	3.94	6.72	6.72	30.00
5825MHz	Pass	3.94	6.56	6.56	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.21	-1.05	-1.05	11.00
5230MHz	Pass	4.21	4.64	4.64	11.00
5270MHz	Pass	4.21	5.15	5.15	11.00
5310MHz	Pass	4.21	0.87	0.87	11.00
5510MHz	Pass	4.51	-0.01	-0.01	11.00
5550MHz	Pass	4.51	4.92	4.92	11.00
5670MHz	Pass	4.51	3.36	3.36	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.51	5.01	5.01	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.94	1.57	1.57	30.00
5755MHz	Pass	3.94	4.39	4.39	30.00
5795MHz	Pass	3.94	4.38	4.38	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.21	-5.82	-5.82	11.00
5290MHz	Pass	4.21	-4.88	-4.88	11.00
5530MHz	Pass	4.51	-4.59	-4.59	11.00
5610MHz	Pass	4.51	0.61	0.61	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.51	1.34	1.34	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.94	-1.99	-1.99	30.00
5775MHz	Pass	3.94	-0.96	-0.96	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;

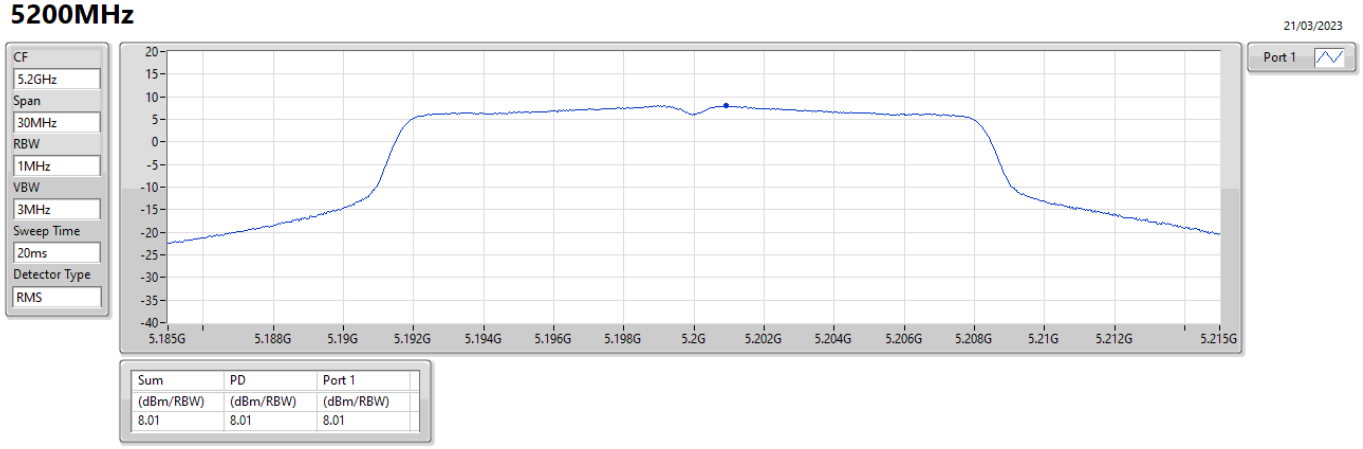
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5180MHz



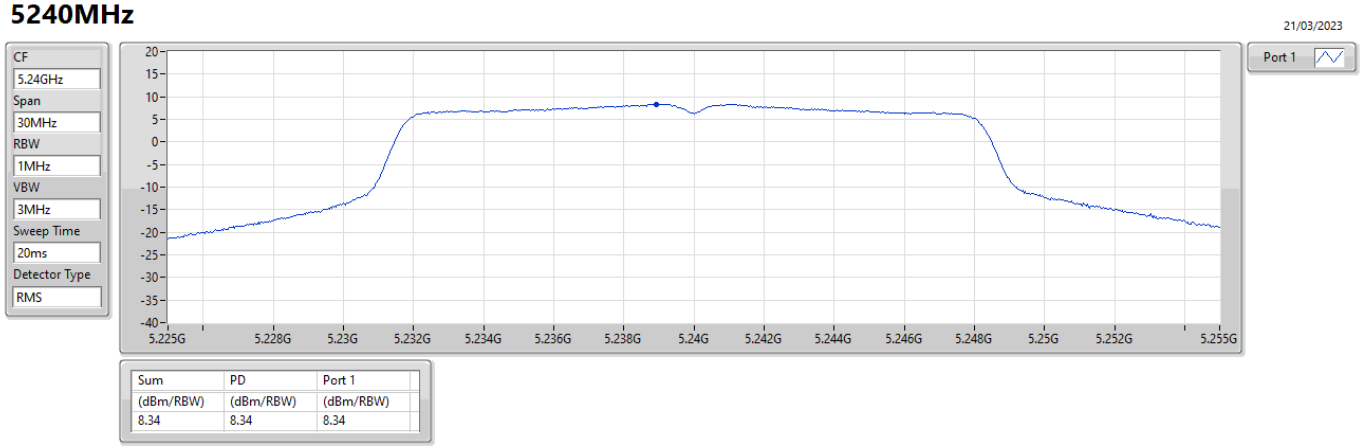
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5200MHz



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

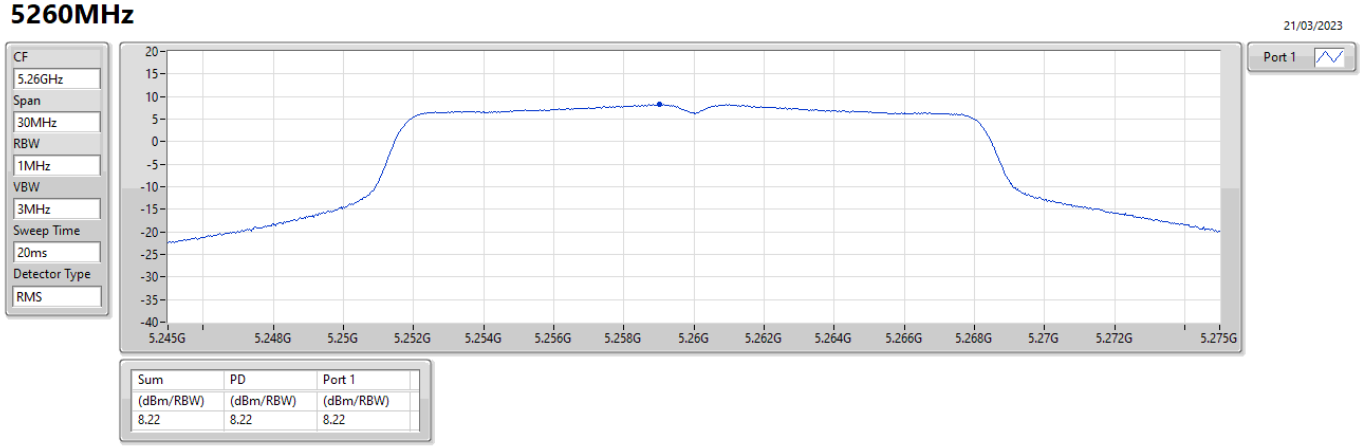
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	8.34

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

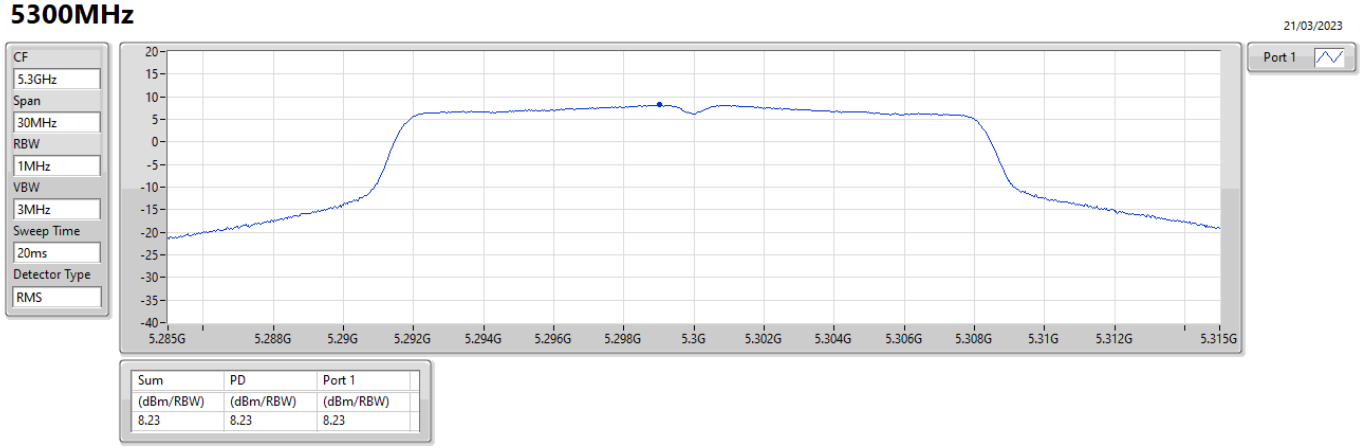
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	8.22

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

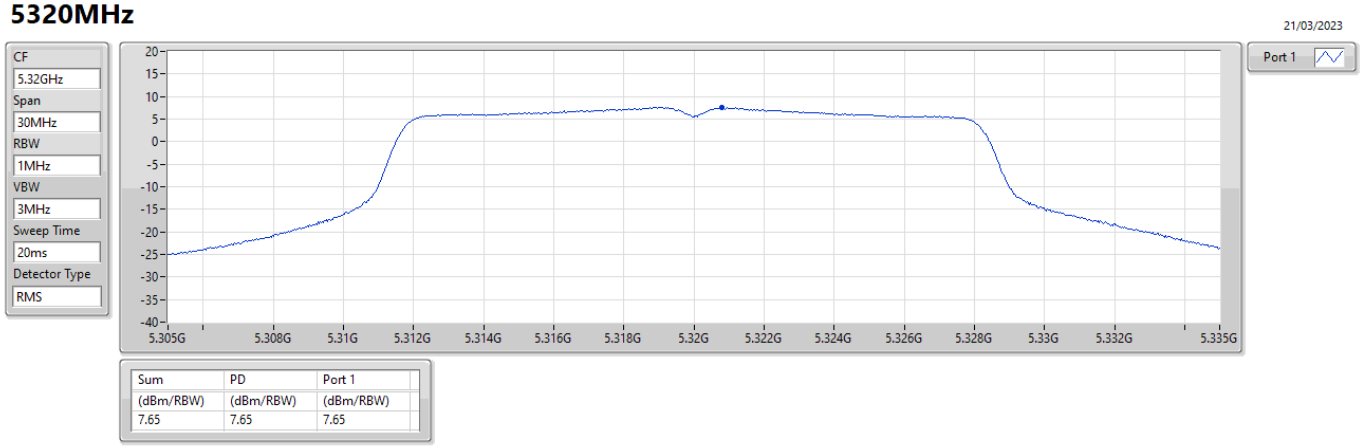
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.23	8.23	8.23

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

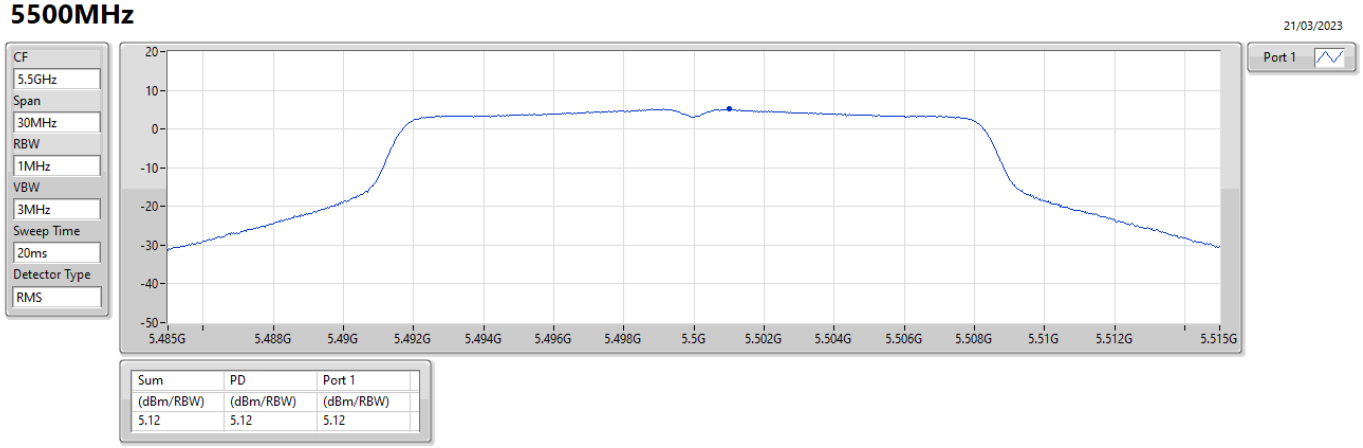
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	7.65

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

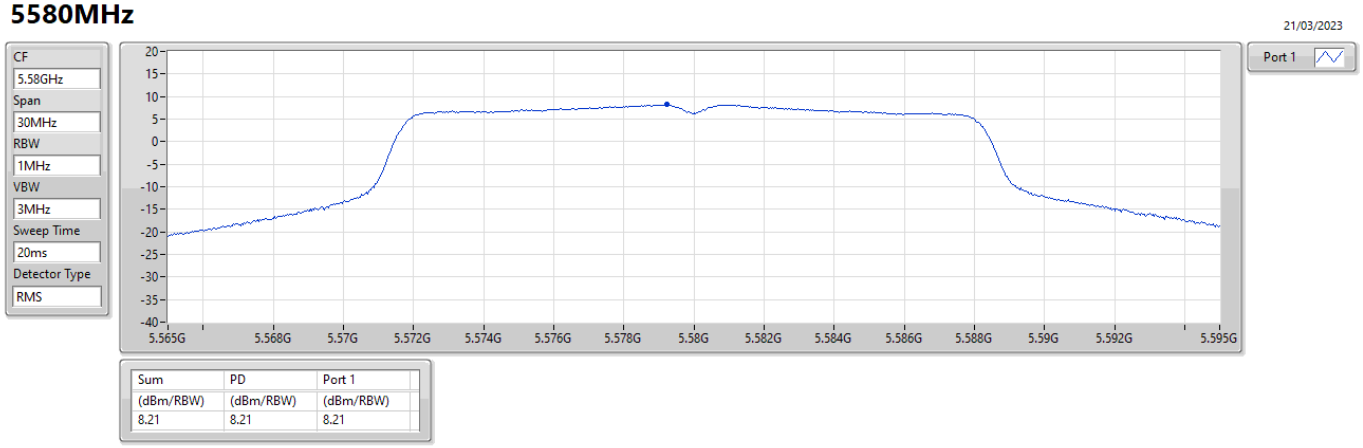
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.12	5.12	5.12

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

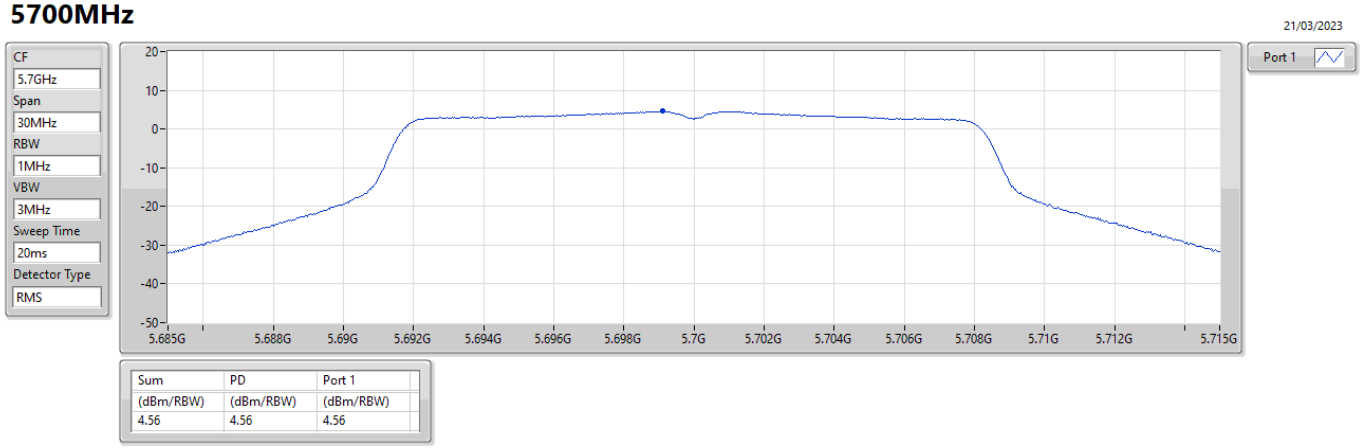
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	8.21

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

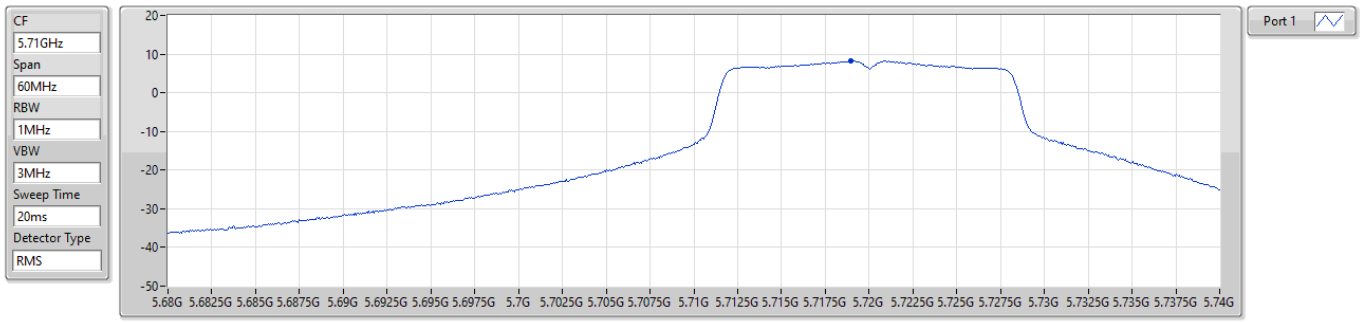
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	4.56

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

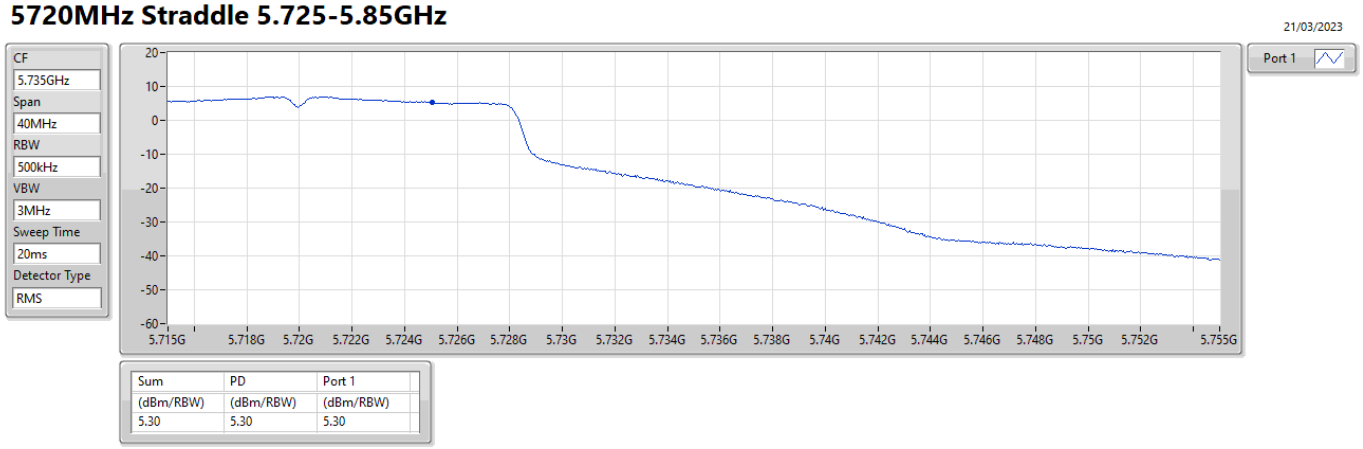
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.30	8.30	8.30

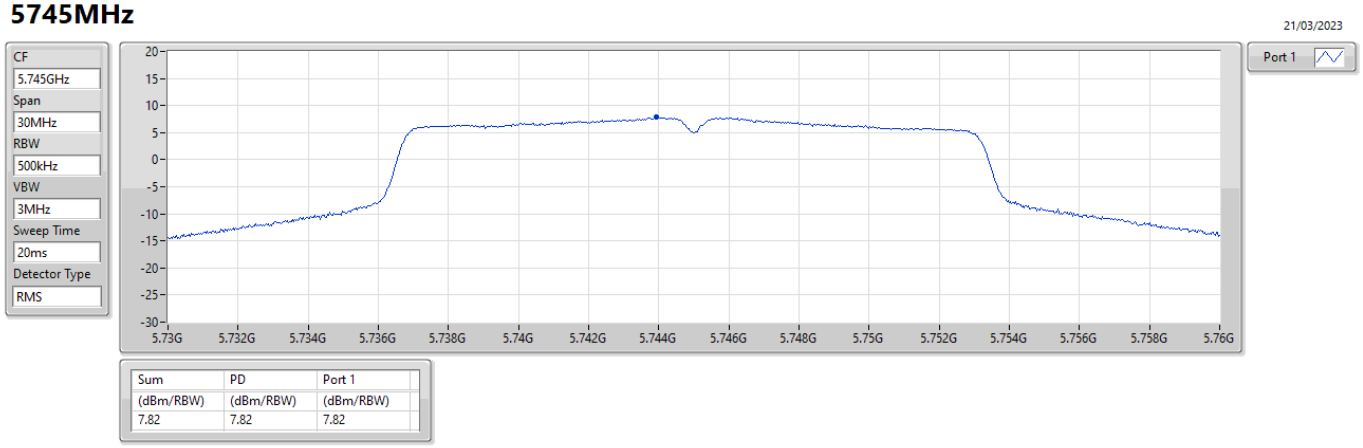
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz



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

5745MHz

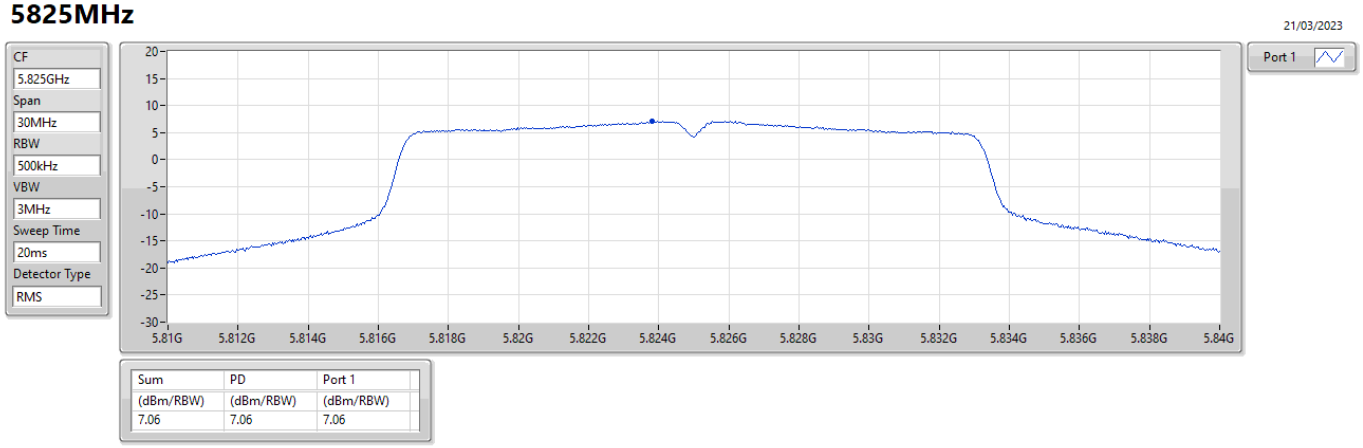


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5785MHz

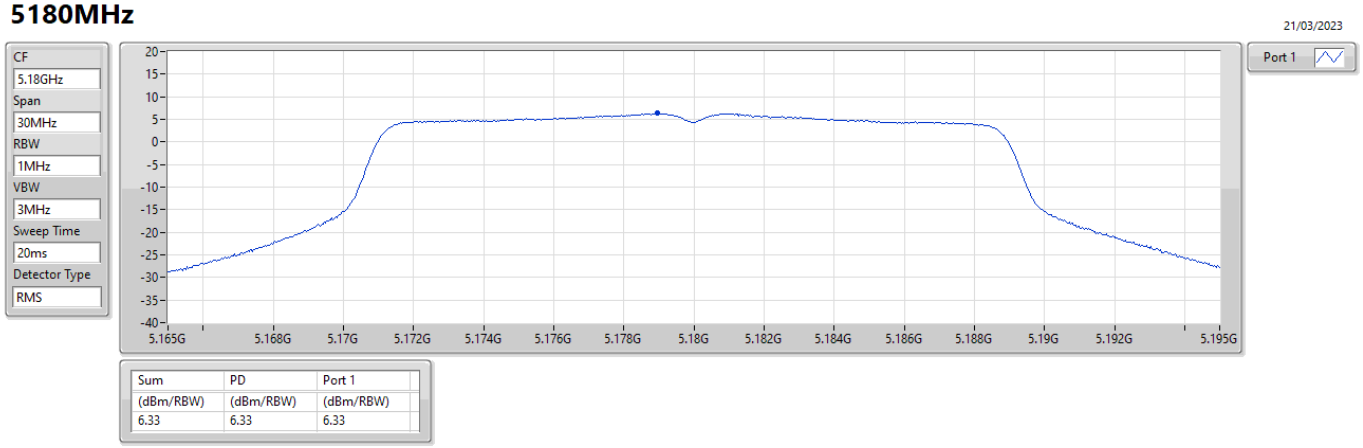
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5825MHz



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

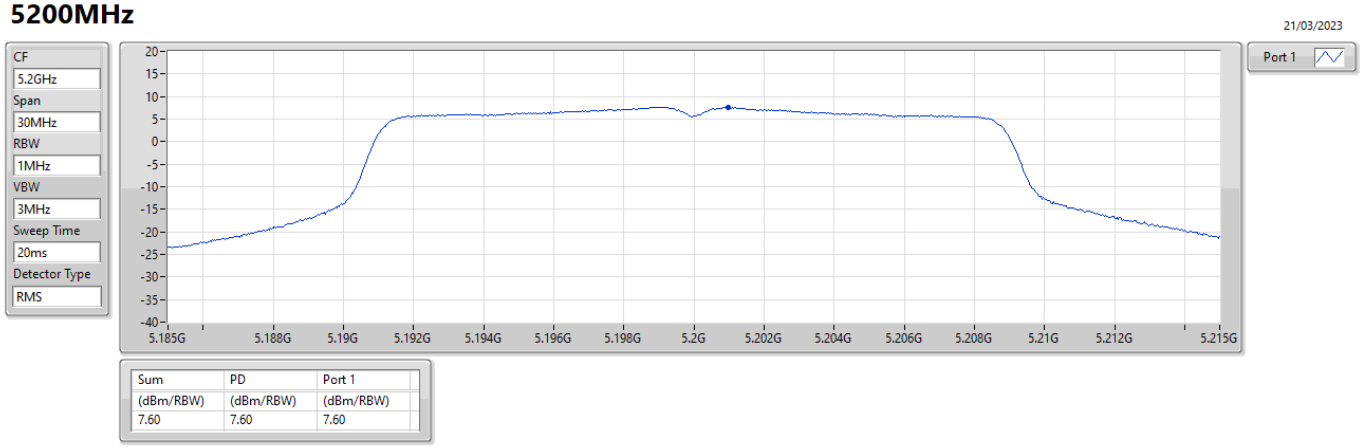
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.33	6.33	6.33

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

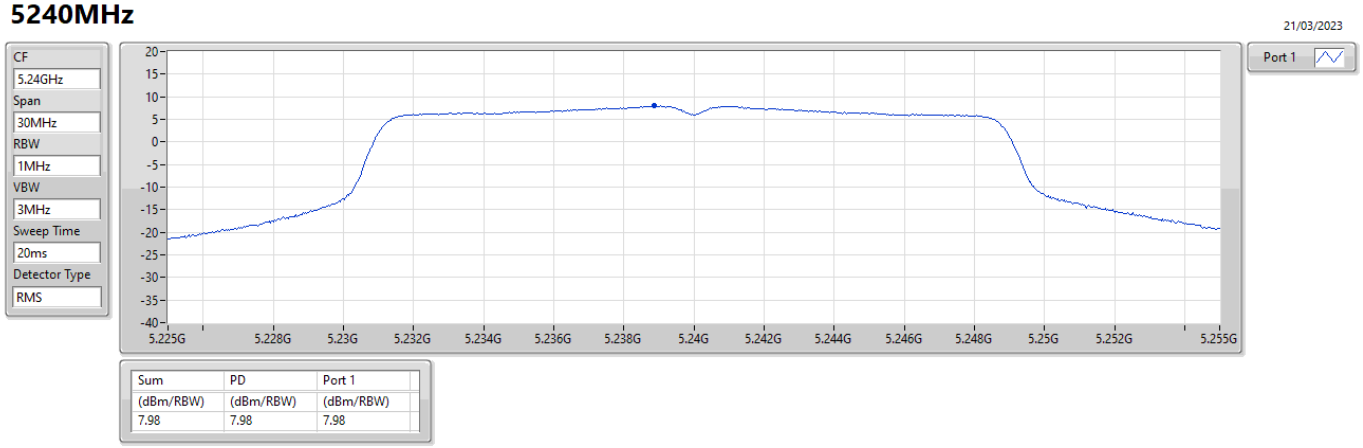
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	7.60

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

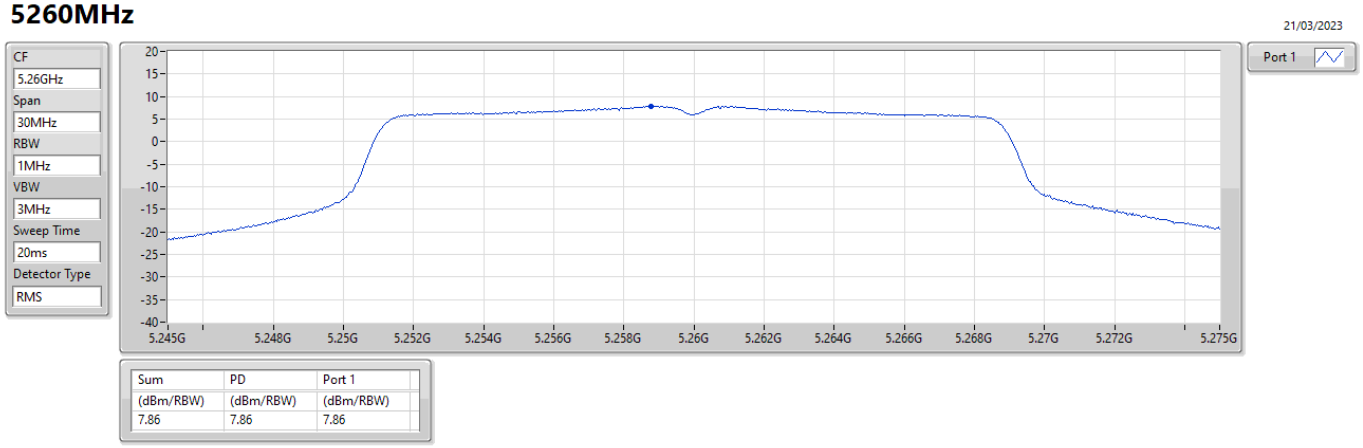
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	7.98

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

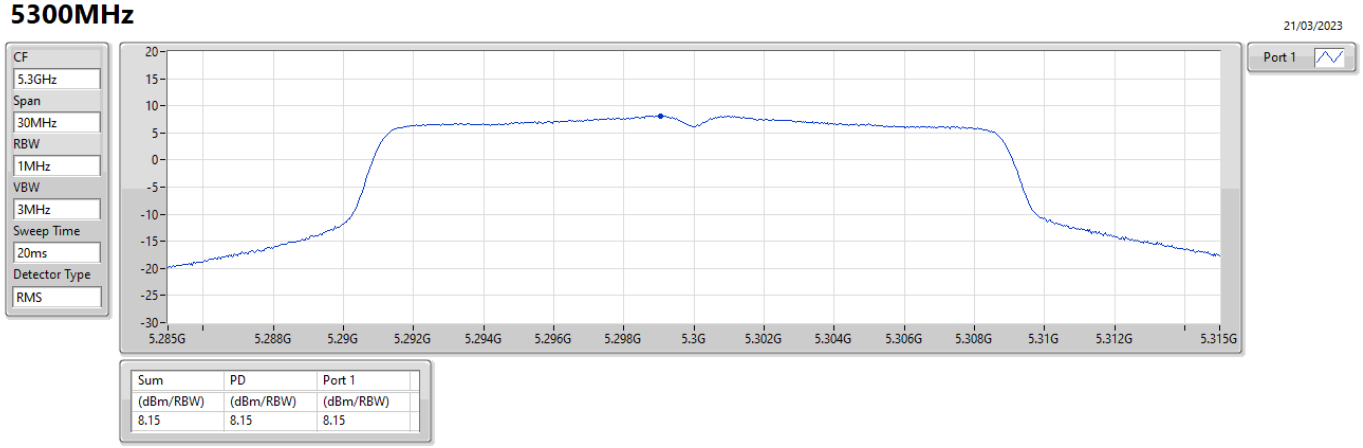
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	7.86

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

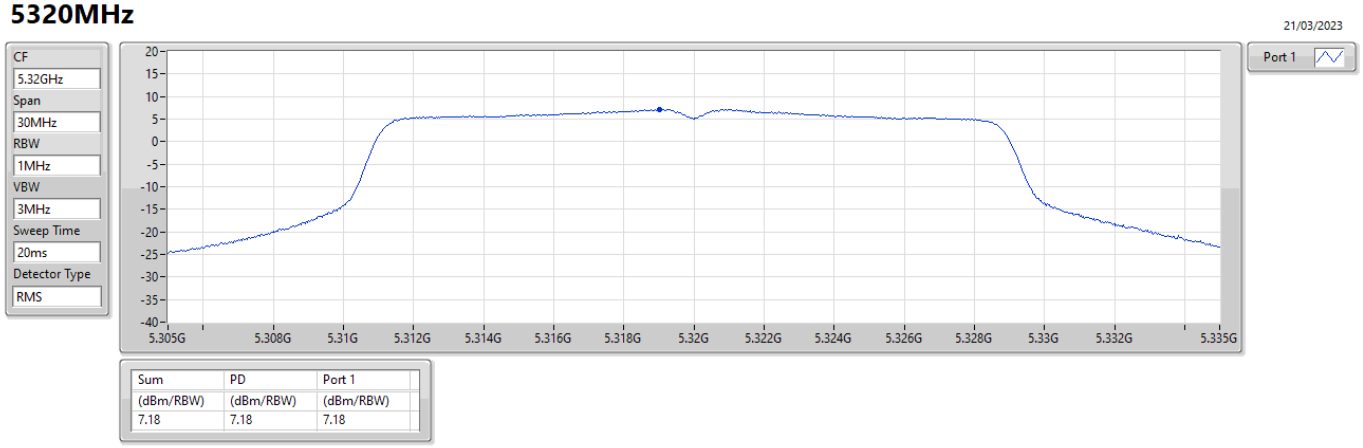
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	8.15

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

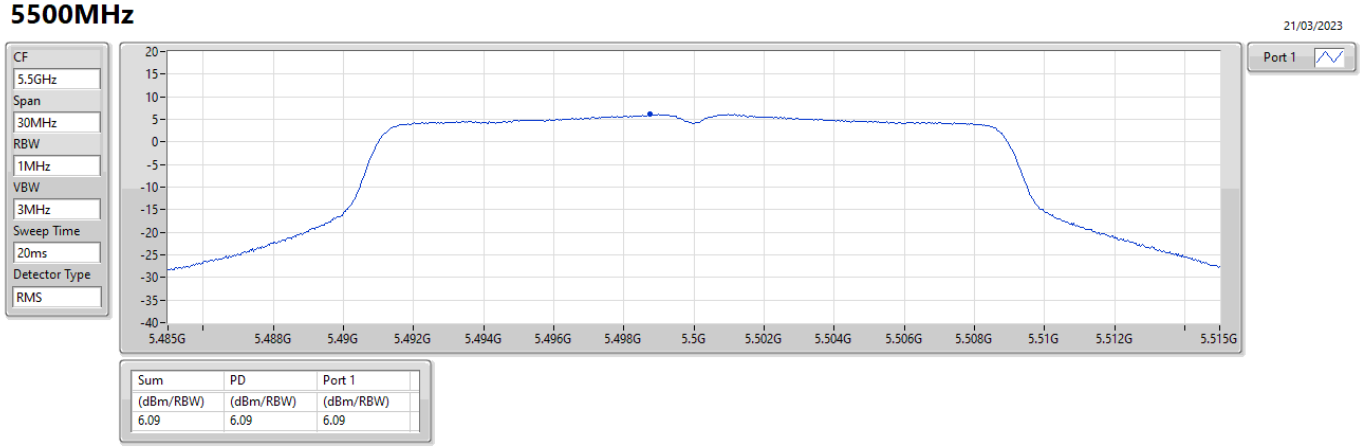
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.18	7.18	7.18

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

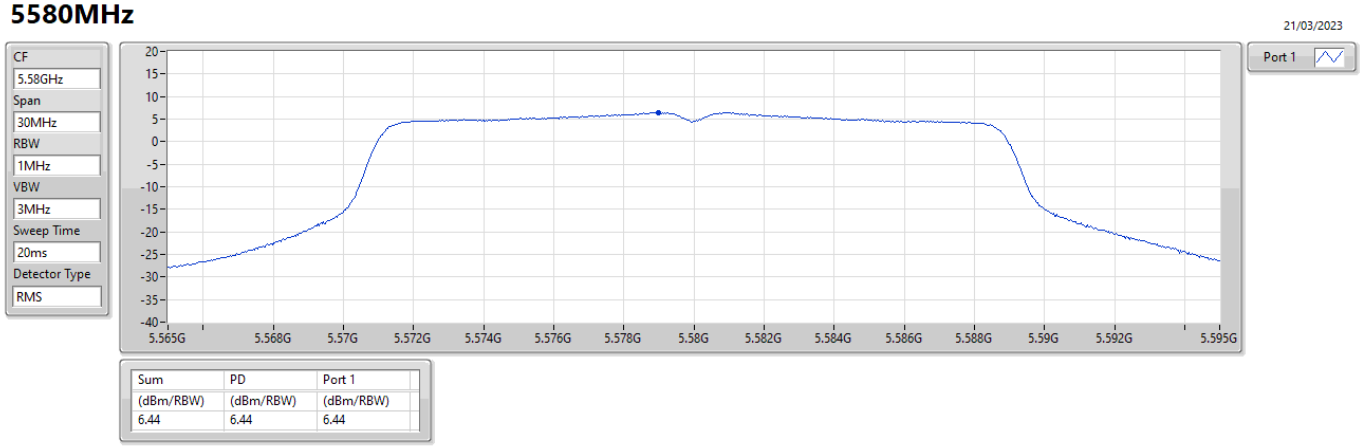
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	6.09

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

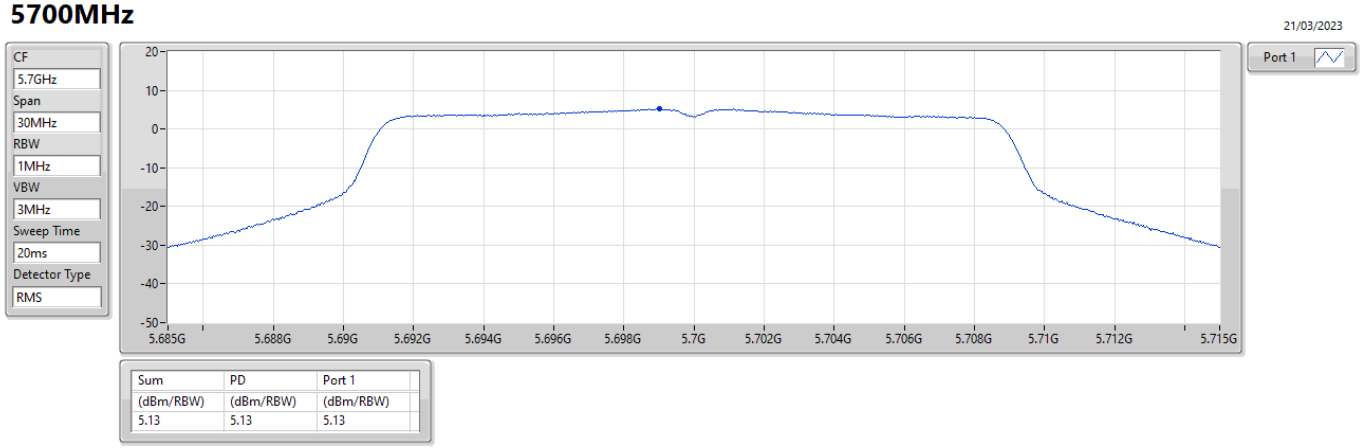
5580MHz



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

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

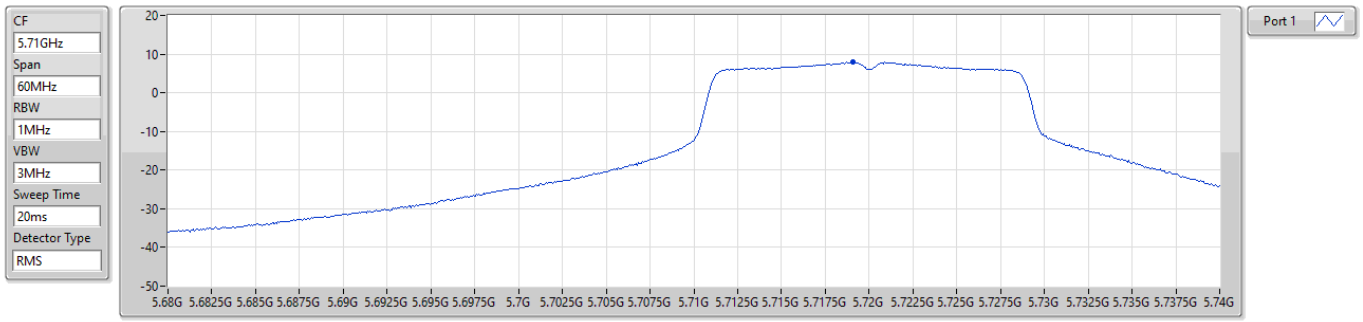
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.13	5.13	5.13

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

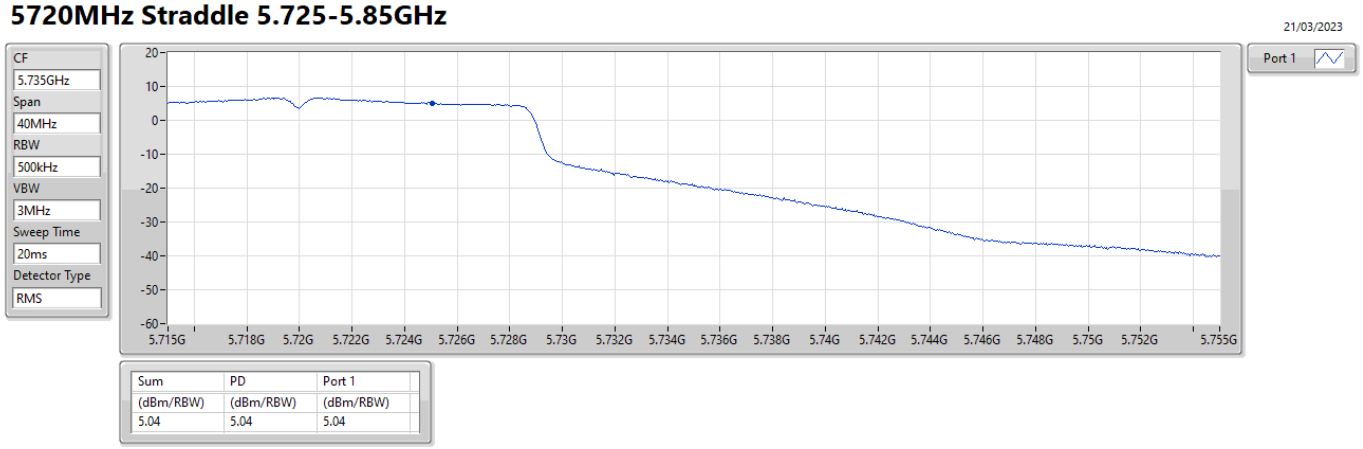
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	7.89

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

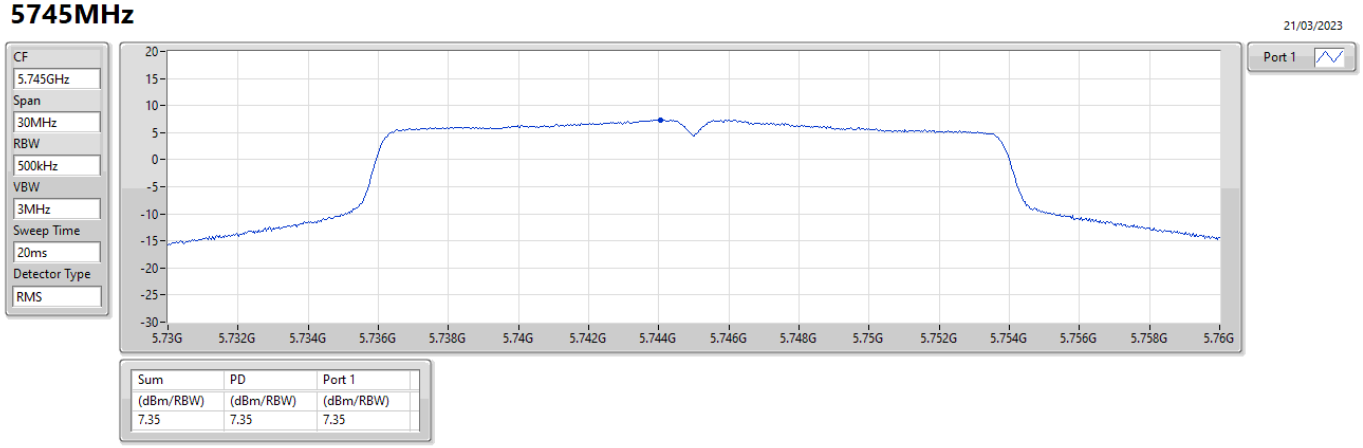
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	5.04

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

5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	7.35

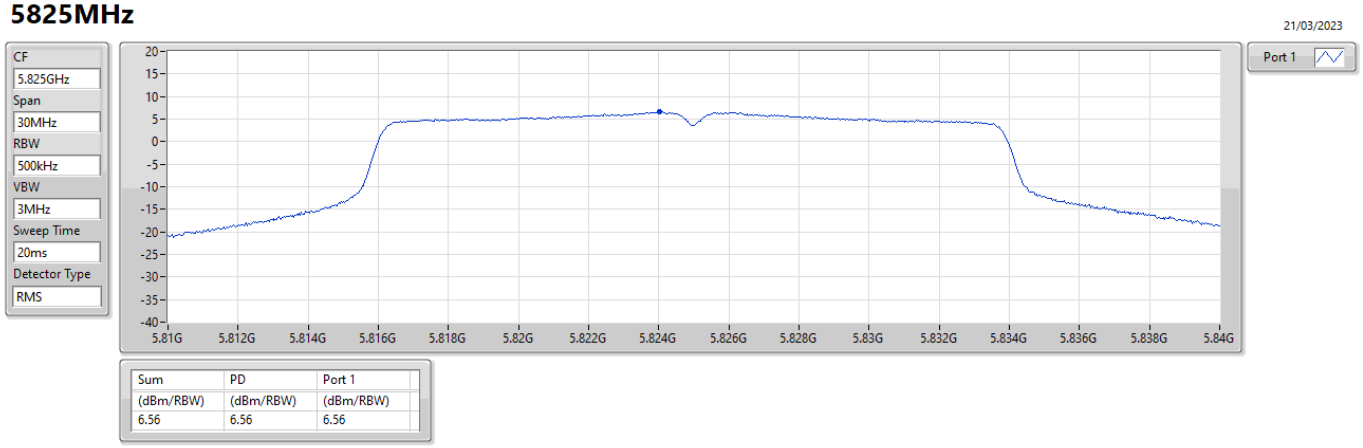
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

5785MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	6.72

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

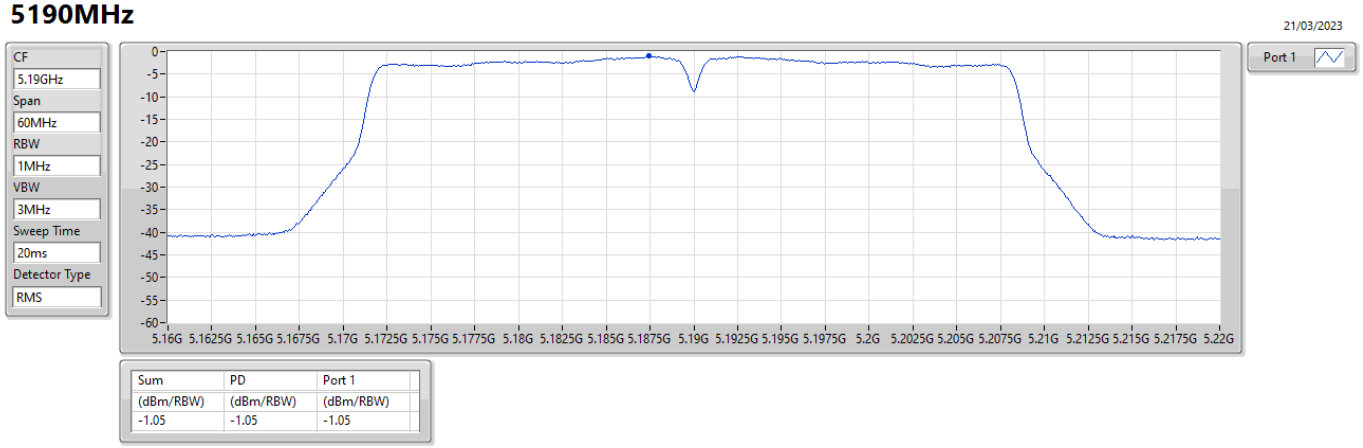
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	6.56

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

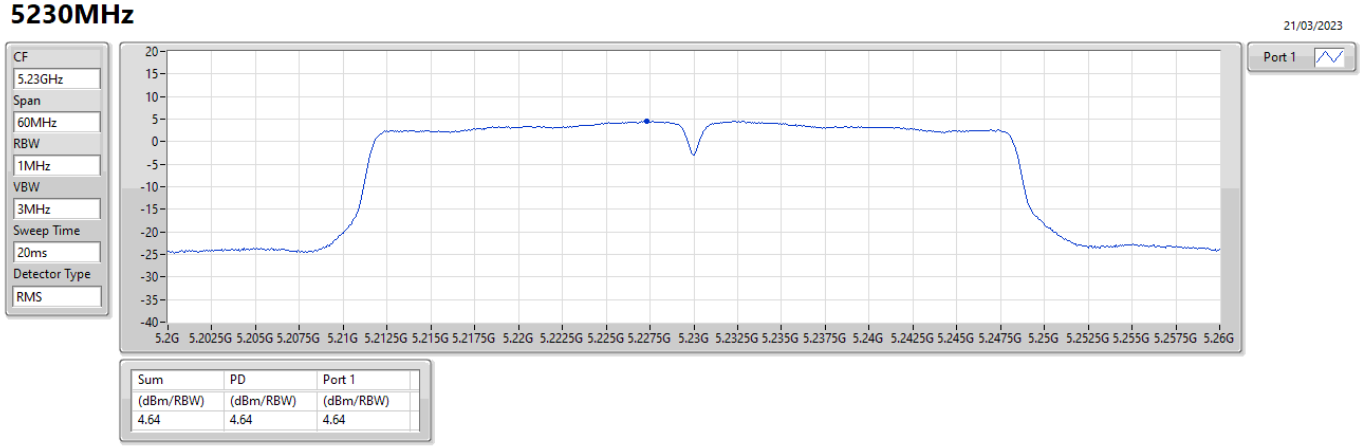
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.05	-1.05	-1.05

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

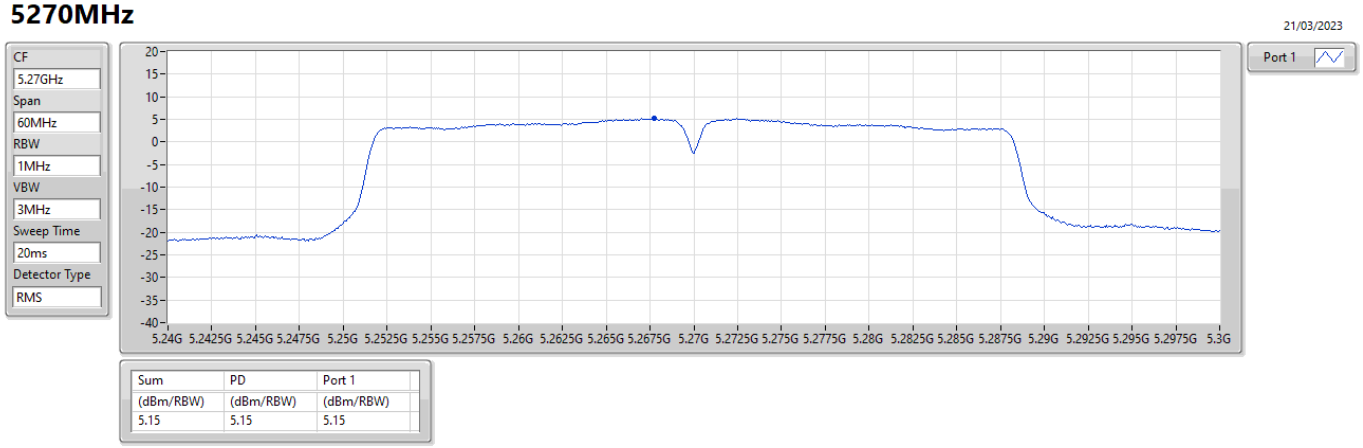
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	4.64

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

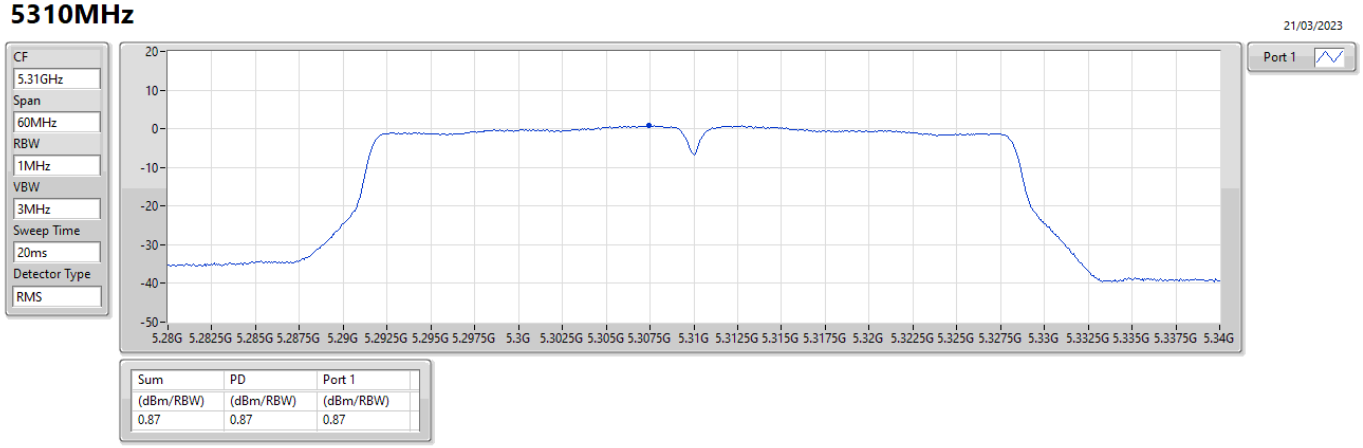
5270MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.15	5.15	5.15

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

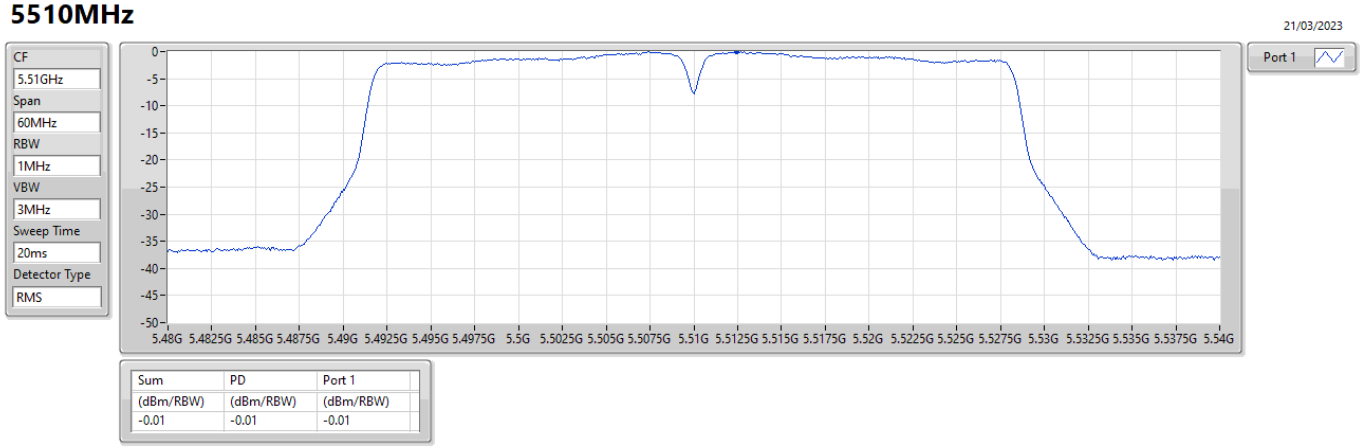
5310MHz



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

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

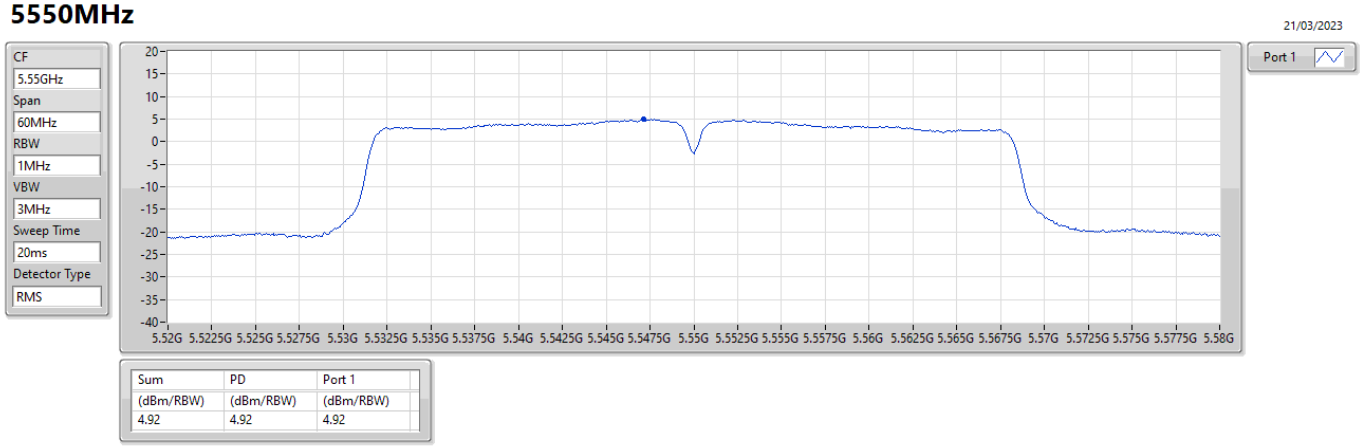
5510MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.01	-0.01	-0.01

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

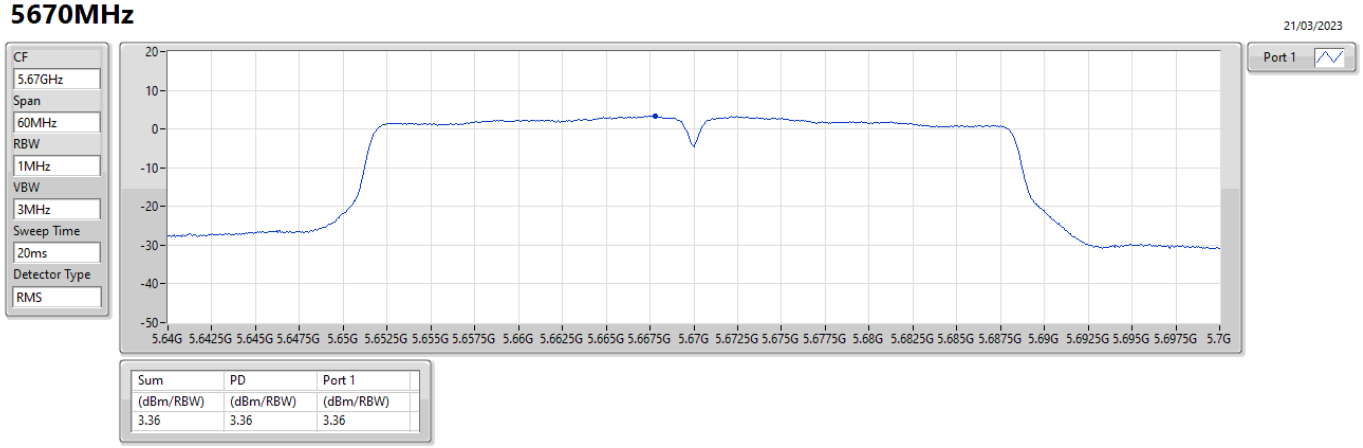
5550MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	4.92

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

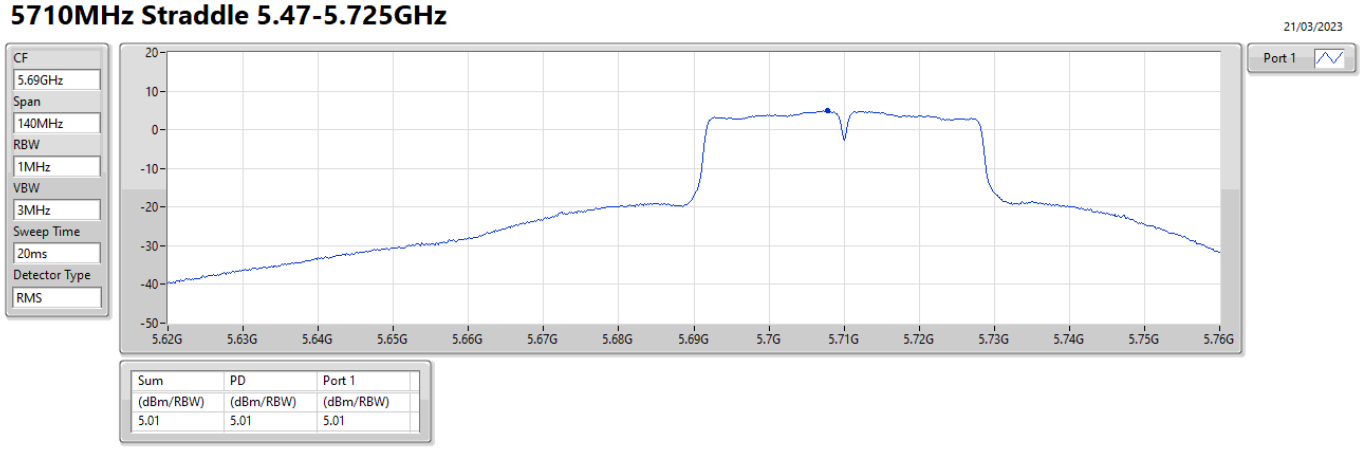
5670MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.36	3.36	3.36

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

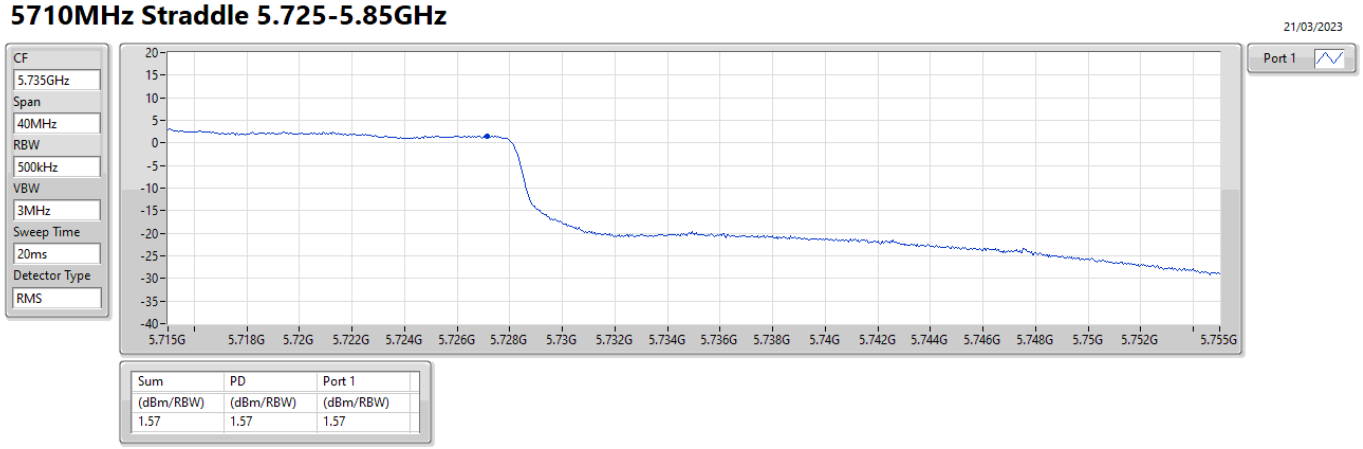
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.01	5.01	5.01

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

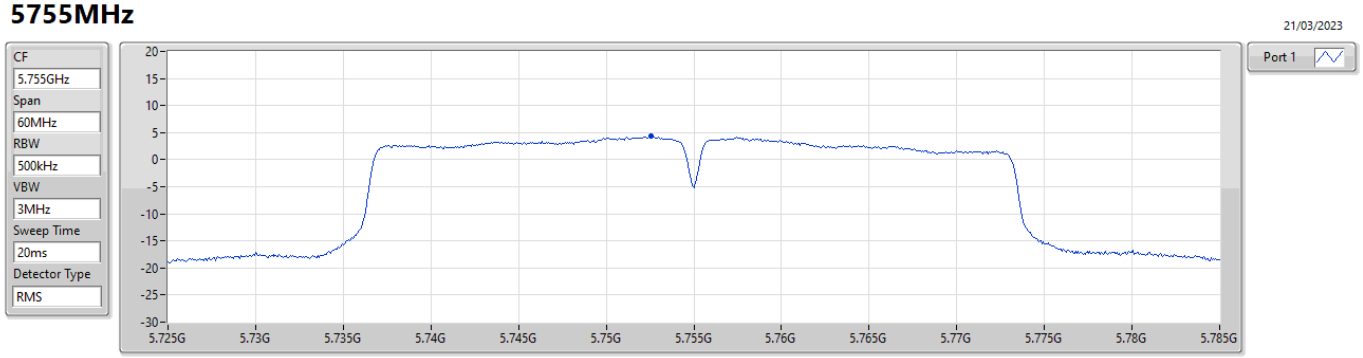
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.57	1.57	1.57

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

5755MHz



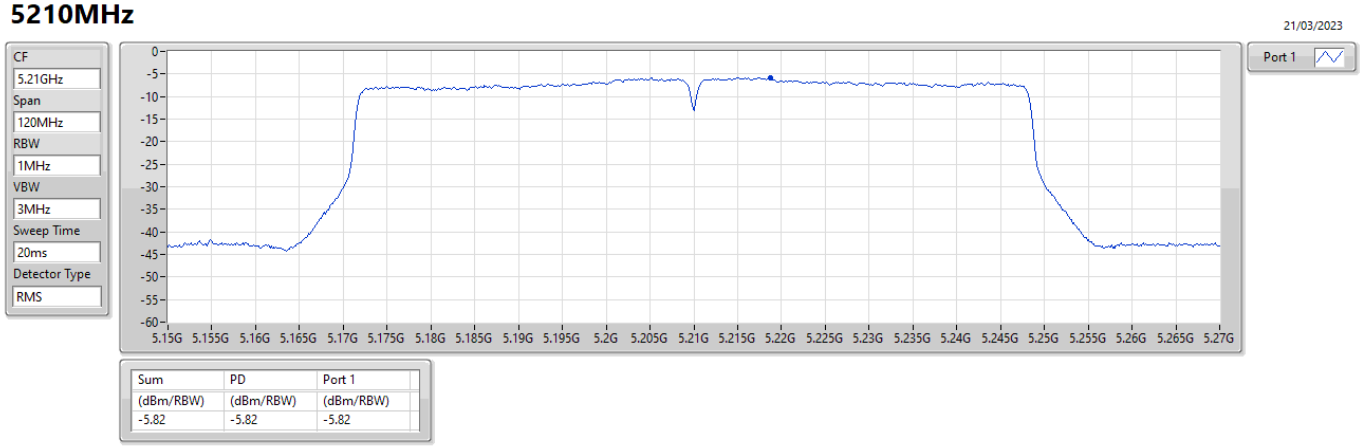
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.39	4.39	4.39

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

5795MHz

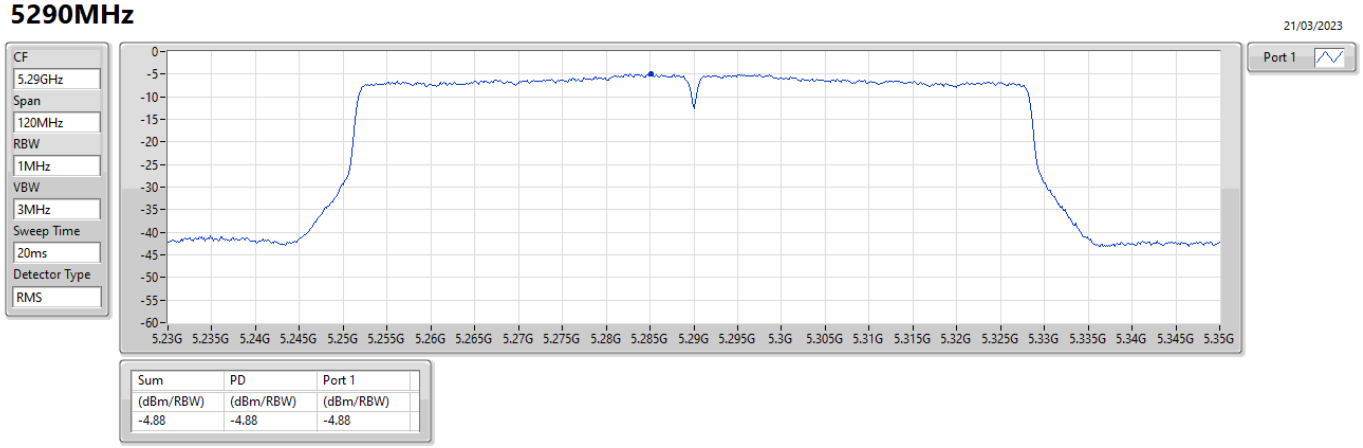
5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5210MHz



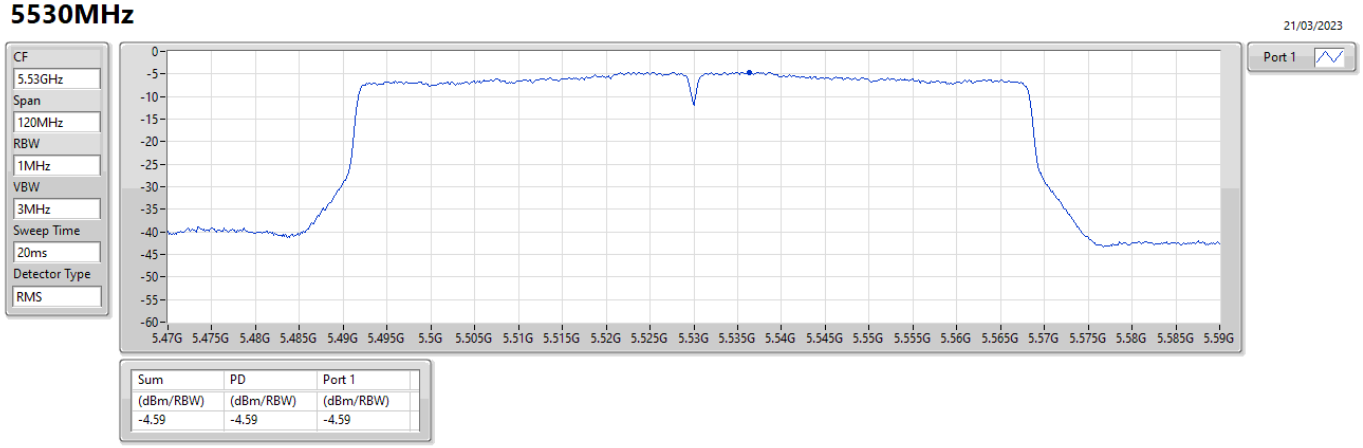
5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5290MHz



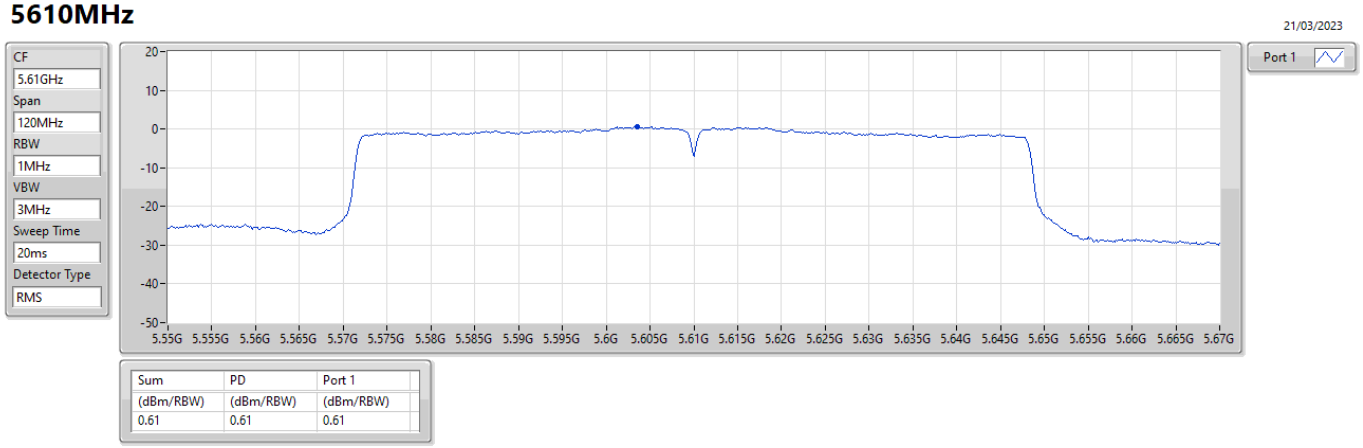
5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5530MHz



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

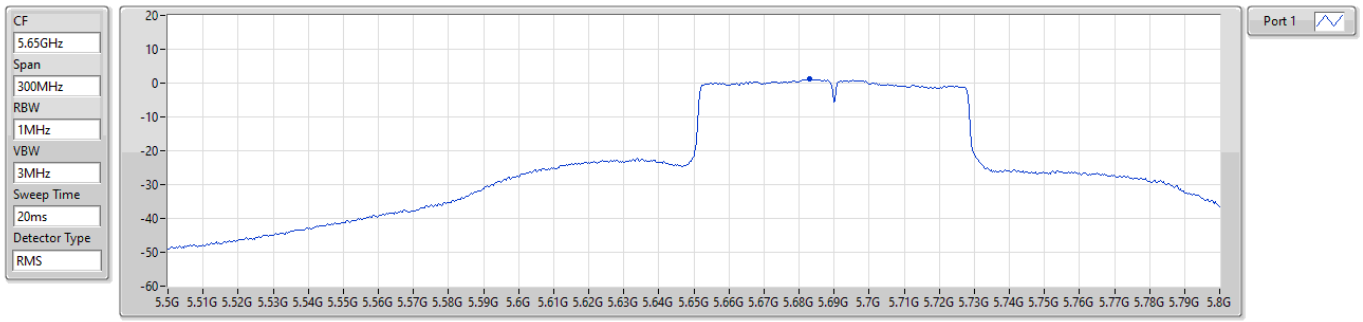
5610MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.61	0.61	0.61

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

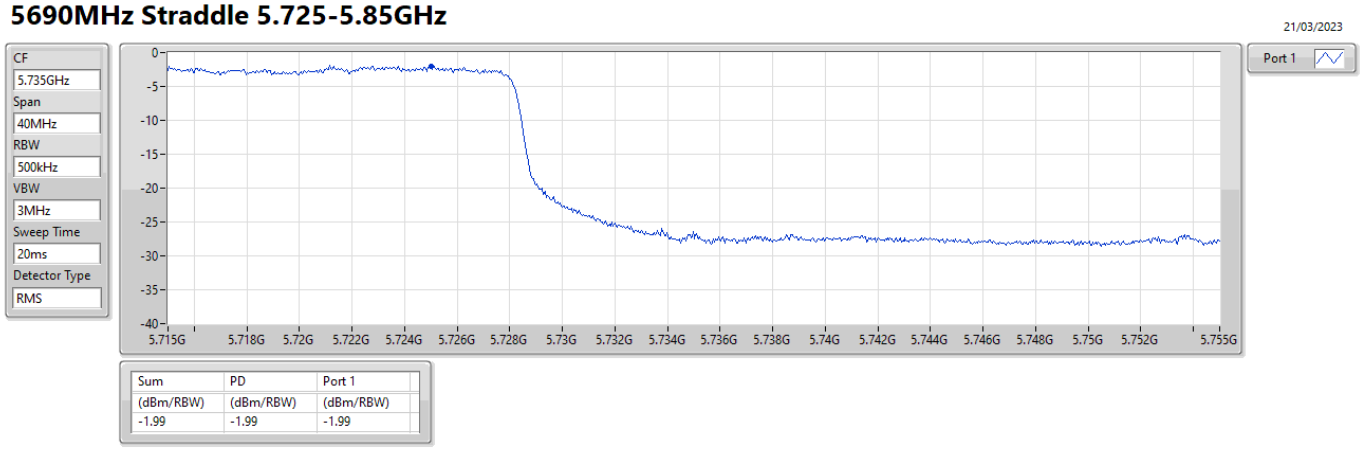
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.34	1.34	1.34

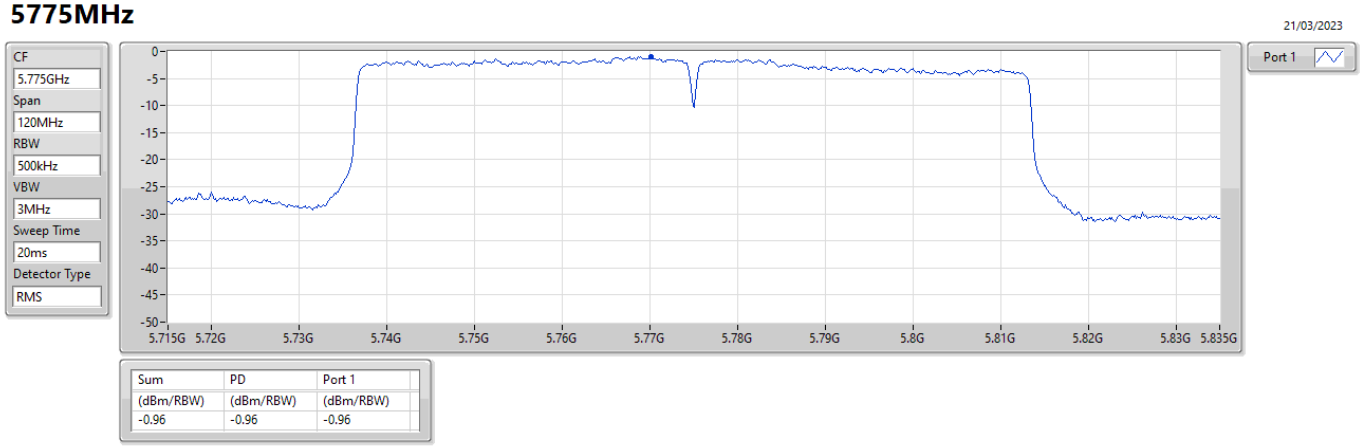
5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5690MHz Straddle 5.725-5.85GHz



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

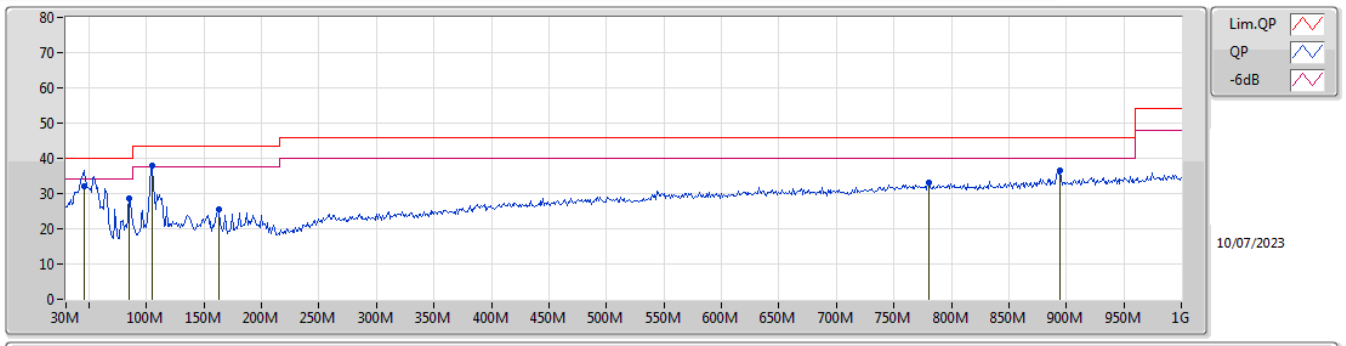
5775MHz



Summary

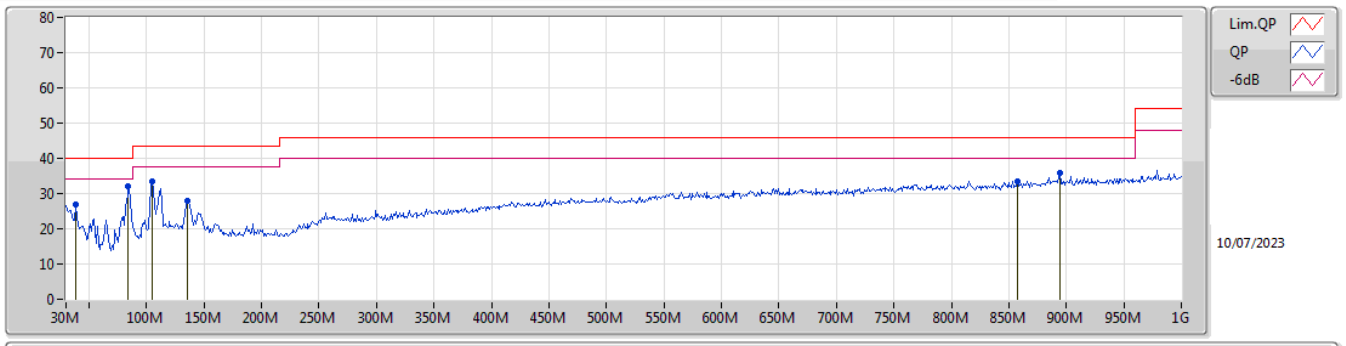
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 9	Pass	PK	104.69M	37.93	43.50	-5.57	Vertical

Mode 9



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	45.52M	32.23	40.00	-7.77	-14.61	3	Vertical	2	1.00	-	46.84	15.99	1.22	31.82
PK	85.29M	28.52	40.00	-11.48	-16.43	3	Vertical	166	1.00	-	44.95	13.89	1.58	31.90
PK	104.69M	37.93	43.50	-5.57	-12.75	3	Vertical	202	1.25	"Worst"	50.68	17.45	1.75	31.95
PK	162.89M	25.49	43.50	-18.01	-14.01	3	Vertical	146	1.00	-	39.50	15.86	2.17	32.04
PK	780.78M	33.04	46.00	-12.96	-1.90	3	Vertical	5	1.00	-	34.94	25.60	5.13	32.63
PK	894.27M	36.53	46.00	-9.47	-0.46	3	Vertical	360	3.00	-	36.99	26.37	5.64	32.47

Mode 9



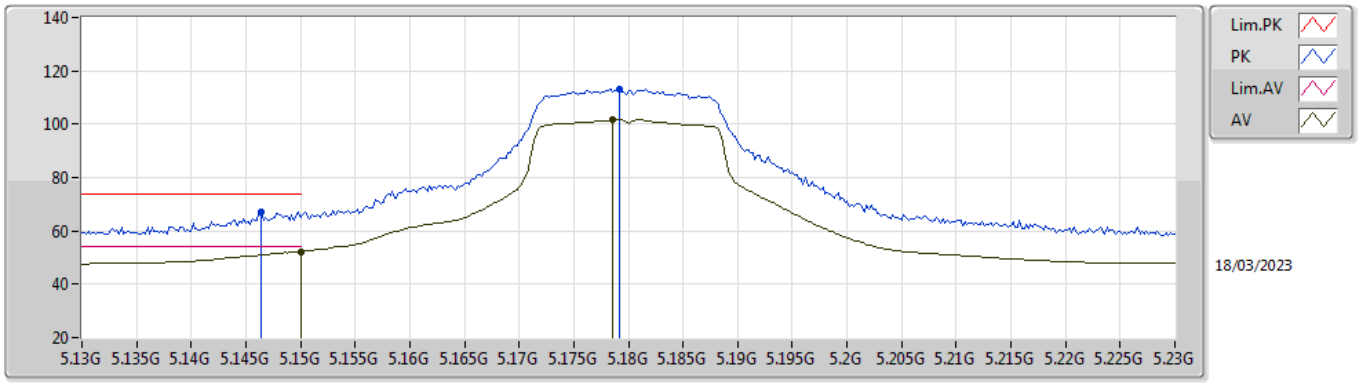
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	38.73M	26.90	40.00	-13.10	-11.18	3	Horizontal	325	1.00	-	38.08	19.45	1.13	31.76
PK	84.32M	32.16	40.00	-7.84	-16.62	3	Horizontal	320	1.00	"Worst"	48.78	13.70	1.58	31.90
PK	104.69M	33.30	43.50	-10.20	-12.75	3	Horizontal	356	1.50	-	46.05	17.45	1.75	31.95
PK	135.73M	27.87	43.50	-15.63	-12.42	3	Horizontal	241	1.50	-	40.29	17.57	1.98	31.97
PK	857.41M	33.61	46.00	-12.39	-1.14	3	Horizontal	265	2.00	-	34.75	26.02	5.44	32.60
PK	894.27M	35.74	46.00	-10.26	-0.46	3	Horizontal	285	1.50	-	36.20	26.37	5.64	32.47

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.4626G	68.18	68.20	-0.02	3	Vertical	284	1.80	-

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

5180MHz_TX

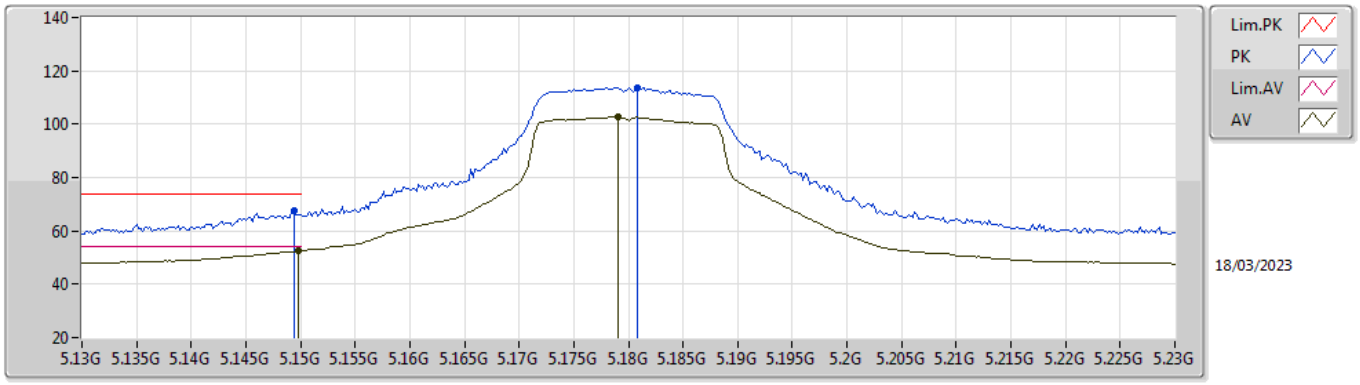


EUT Y_1TX
Setting 19
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1464G	67.03	74.00	-6.97	58.40	3	Vertical	286	1.87	-	33.59	5.77	30.73
AV	5.15G	52.18	54.00	-1.82	43.53	3	Vertical	286	1.87	-	33.60	5.78	30.73
PK	5.1792G	113.01	Inf	-Inf	104.29	3	Vertical	286	1.87	-	33.66	5.79	30.73
AV	5.1786G	101.73	Inf	-Inf	93.01	3	Vertical	286	1.87	-	33.66	5.79	30.73

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

5180MHz_TX

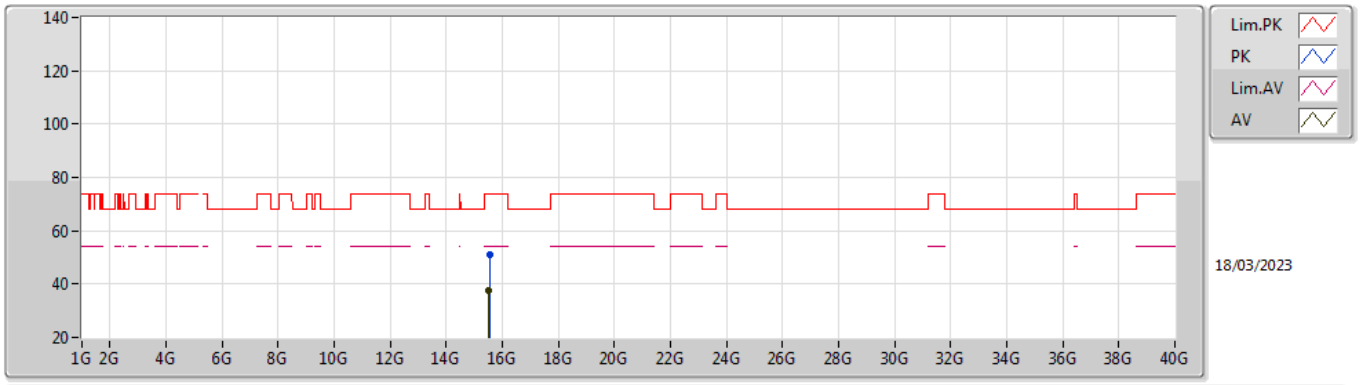


EUT Y_1TX
Setting 19
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	67.46	74.00	-6.54	58.82	3	Horizontal	319	2.12	-	33.60	5.77	30.73
AV	5.1498G	52.46	54.00	-1.54	43.82	3	Horizontal	319	2.12	-	33.60	5.77	30.73
PK	5.1808G	113.85	Inf	-Inf	105.13	3	Horizontal	319	2.12	-	33.66	5.79	30.73
AV	5.179G	102.89	Inf	-Inf	94.17	3	Horizontal	319	2.12	-	33.66	5.79	30.73

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

5180MHz_TX

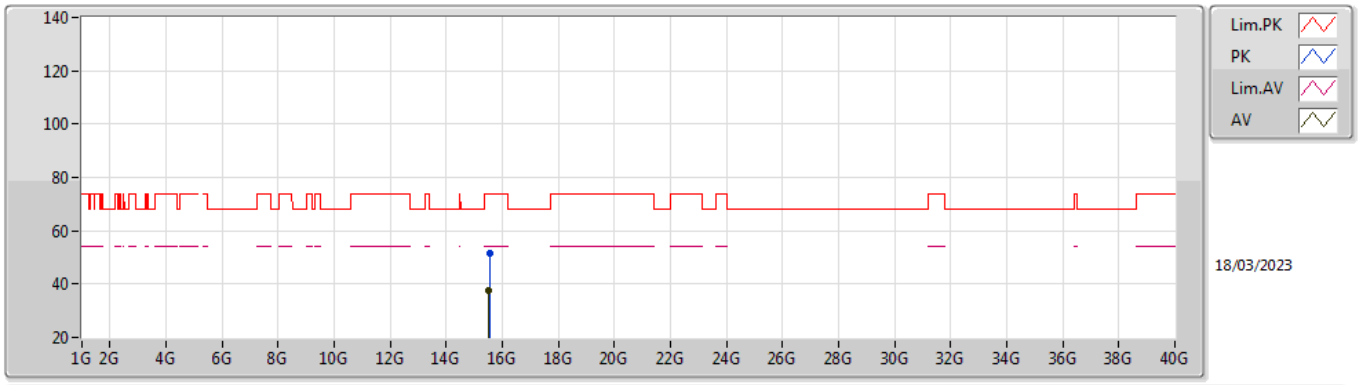


EUT Y_1TX
Setting 19
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54628G	50.83	74.00	-23.17	67.19	3	Vertical	211	1.51	-	37.82	10.32	64.50
AV	15.53052G	37.62	54.00	-16.38	53.89	3	Vertical	211	1.51	-	37.92	10.31	64.50

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

5180MHz_TX

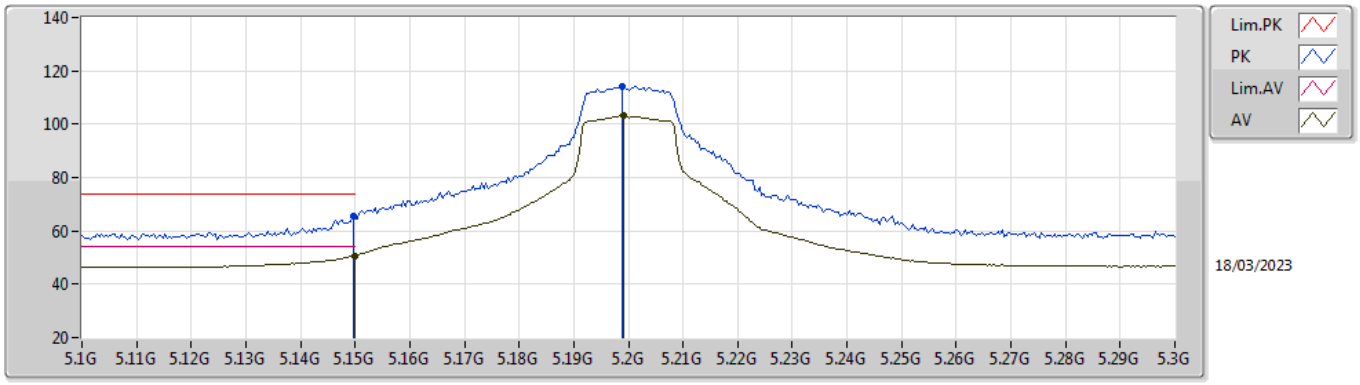


EUT Y_1TX
Setting 19
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5346G	51.74	74.00	-22.26	68.04	3	Horizontal	70	1.91	-	37.89	10.31	64.50
AV	15.5314G	37.56	54.00	-16.44	53.84	3	Horizontal	70	1.91	-	37.91	10.31	64.50

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

5200MHz_TX

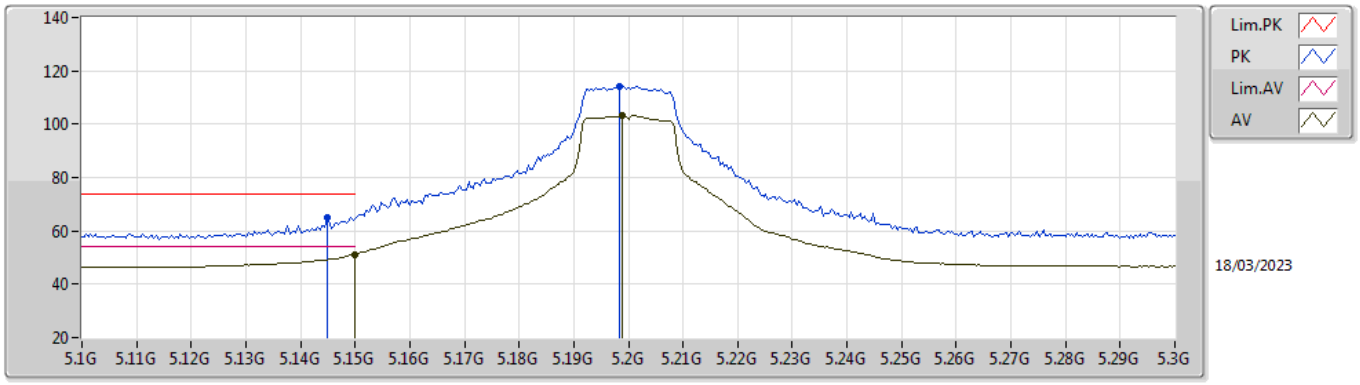


EUT Y_1TX
Setting 21.5
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	65.35	74.00	-8.65	56.71	3	Vertical	286	2.02	-	33.60	5.77	30.73
AV	5.15G	50.69	54.00	-3.31	42.04	3	Vertical	286	2.02	-	33.60	5.78	30.73
PK	5.1988G	114.26	Inf	-Inf	105.49	3	Vertical	286	2.02	-	33.70	5.80	30.73
AV	5.1992G	103.15	Inf	-Inf	94.38	3	Vertical	286	2.02	-	33.70	5.80	30.73

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

5200MHz_TX

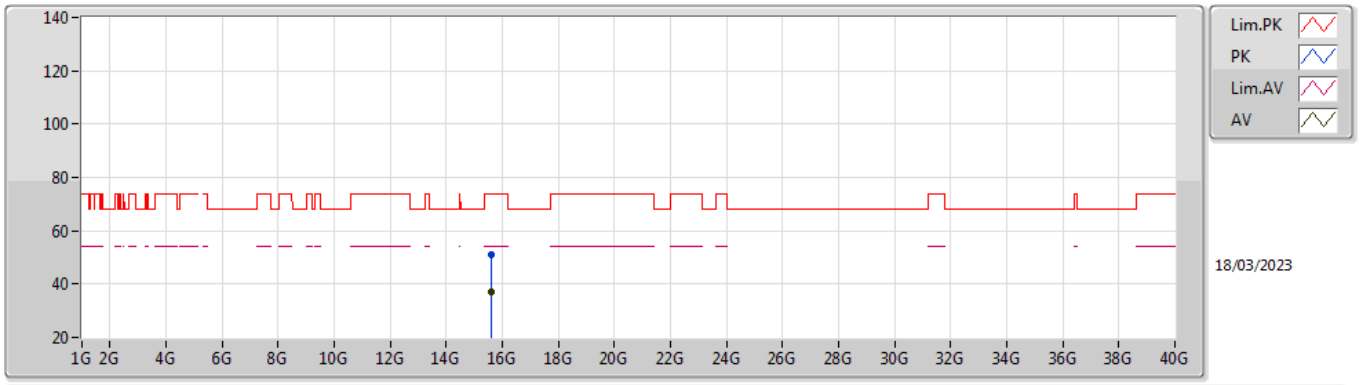


EUT Y_1TX
Setting 21.5
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1448G	65.24	74.00	-8.76	56.61	3	Horizontal	316	2.10	-	33.59	5.77	30.73
AV	5.15G	51.11	54.00	-2.89	42.46	3	Horizontal	316	2.10	-	33.60	5.78	30.73
PK	5.1984G	114.27	Inf	-Inf	105.50	3	Horizontal	316	2.10	-	33.70	5.80	30.73
AV	5.1988G	103.34	Inf	-Inf	94.57	3	Horizontal	316	2.10	-	33.70	5.80	30.73

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

5200MHz_TX

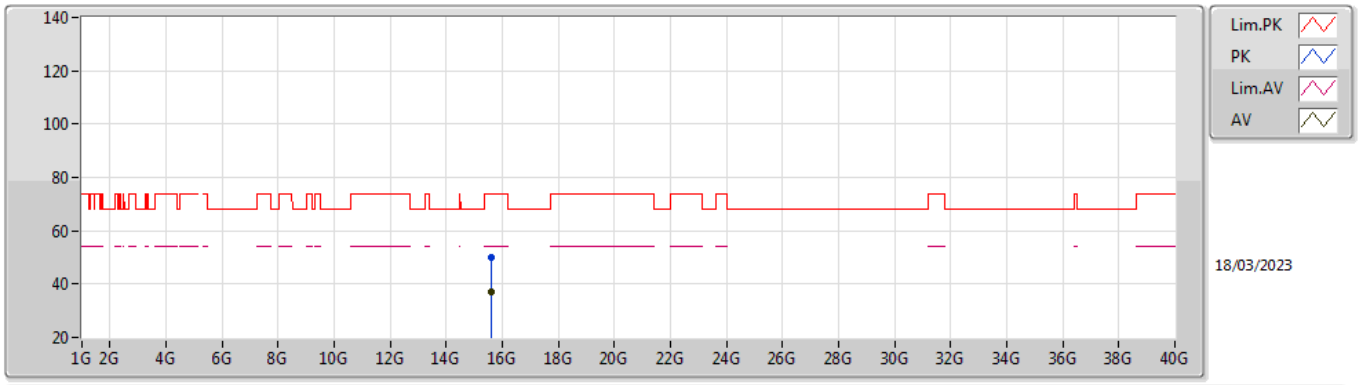


EUT Y_1TX
Setting 21.5
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60148G	50.80	74.00	-23.20	67.46	3	Vertical	84	1.38	-	37.50	10.34	64.50
AV	15.59464G	37.17	54.00	-16.83	53.80	3	Vertical	84	1.38	-	37.53	10.34	64.50

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

5200MHz_TX

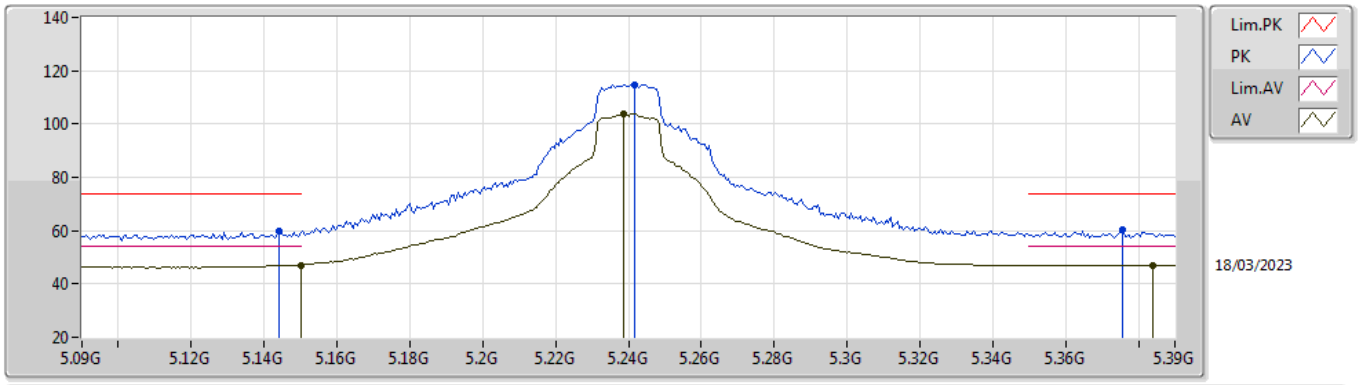


EUT Y_1TX
Setting 21.5
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60756G	50.19	74.00	-23.81	66.85	3	Horizontal	253	2.80	-	37.50	10.34	64.50
AV	15.59204G	37.03	54.00	-16.97	53.64	3	Horizontal	253	2.80	-	37.55	10.34	64.50

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

5240MHz_TX

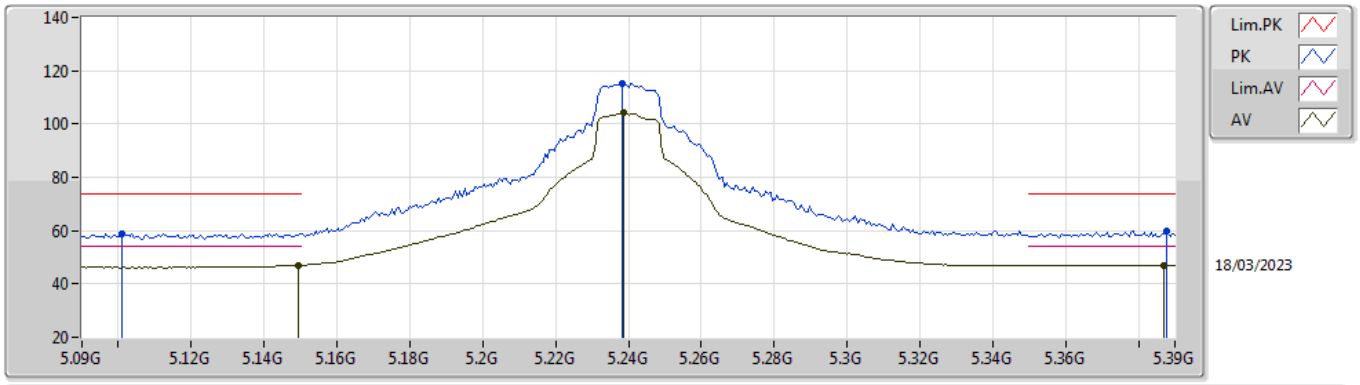


EUT Y_1TX
Setting 23
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.144G	59.64	74.00	-14.36	51.01	3	Vertical	282	2.12	-	33.59	5.77	30.73
AV	5.15G	47.06	54.00	-6.94	38.41	3	Vertical	282	2.12	-	33.60	5.78	30.73
PK	5.2418G	114.82	Inf	-Inf	106.03	3	Vertical	282	2.12	-	33.70	5.82	30.73
AV	5.2388G	103.87	Inf	-Inf	95.08	3	Vertical	282	2.12	-	33.70	5.82	30.73
PK	5.3756G	60.44	74.00	-13.56	51.32	3	Vertical	282	2.12	-	33.95	5.89	30.72
AV	5.384G	47.00	54.00	-7.00	37.86	3	Vertical	282	2.12	-	33.97	5.89	30.72

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

5240MHz_TX

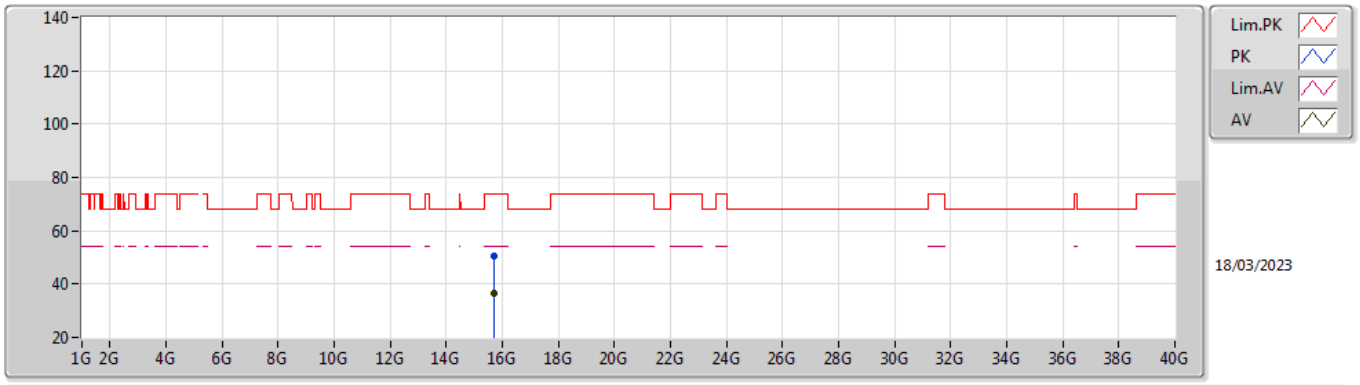


EUT Y_1TX
Setting 23
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1008G	58.91	74.00	-15.09	50.39	3	Horizontal	318	1.97	-	33.50	5.75	30.73
AV	5.1494G	46.98	54.00	-7.02	38.34	3	Horizontal	318	1.97	-	33.60	5.77	30.73
PK	5.2382G	115.20	Inf	-Inf	106.41	3	Horizontal	318	1.97	-	33.70	5.82	30.73
AV	5.2388G	104.27	Inf	-Inf	95.48	3	Horizontal	318	1.97	-	33.70	5.82	30.73
PK	5.3876G	59.88	74.00	-14.12	50.73	3	Horizontal	318	1.97	-	33.98	5.89	30.72
AV	5.387G	46.98	54.00	-7.02	37.84	3	Horizontal	318	1.97	-	33.97	5.89	30.72

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

5240MHz_TX

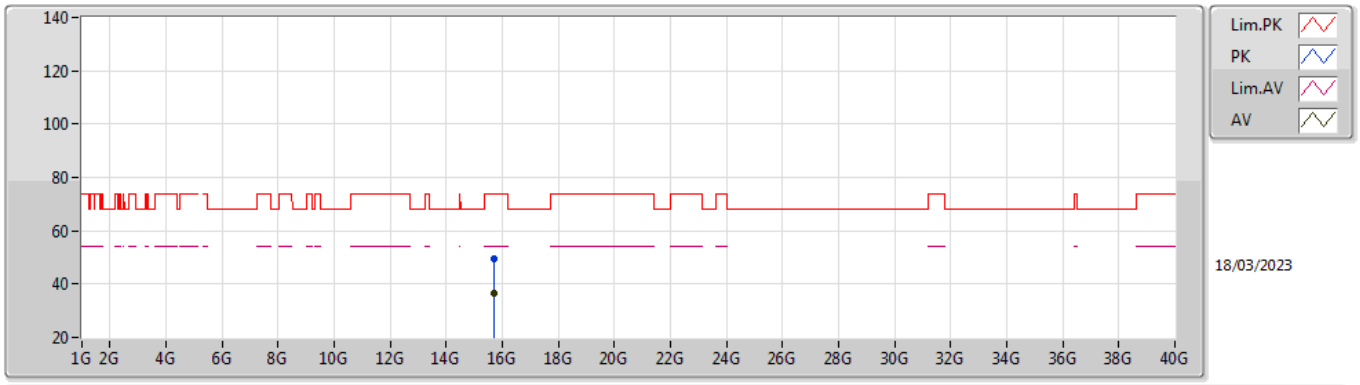


EUT Y_1TX
Setting 23
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7274G	50.41	74.00	-23.59	67.02	3	Vertical	340	1.77	-	37.50	10.39	64.50
AV	15.72636G	36.63	54.00	-17.37	53.24	3	Vertical	340	1.77	-	37.50	10.39	64.50

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

5240MHz_TX

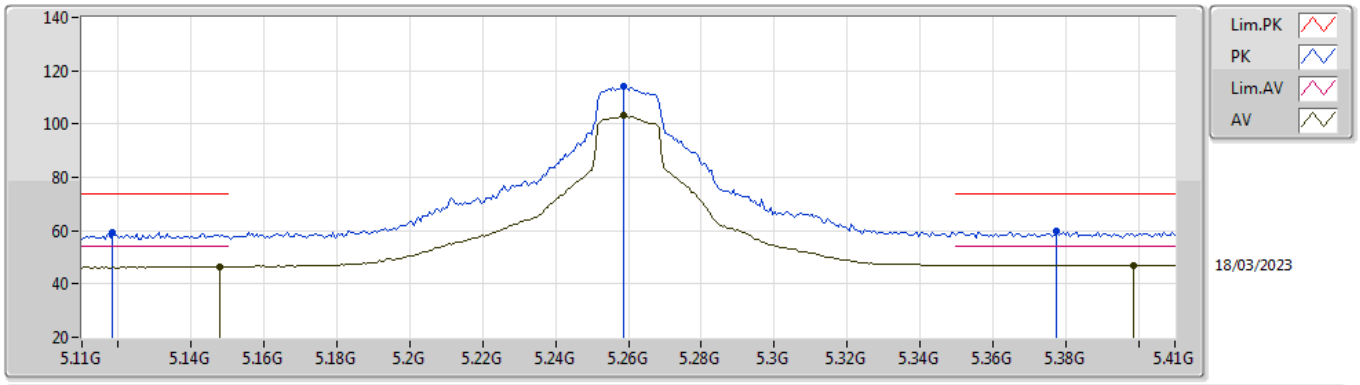


EUT Y_1TX
Setting 23
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.72276G	49.53	74.00	-24.47	66.14	3	Horizontal	303	2.90	-	37.50	10.39	64.50
AV	15.72888G	36.35	54.00	-17.65	52.96	3	Horizontal	303	2.90	-	37.50	10.39	64.50

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

5260MHz_TX

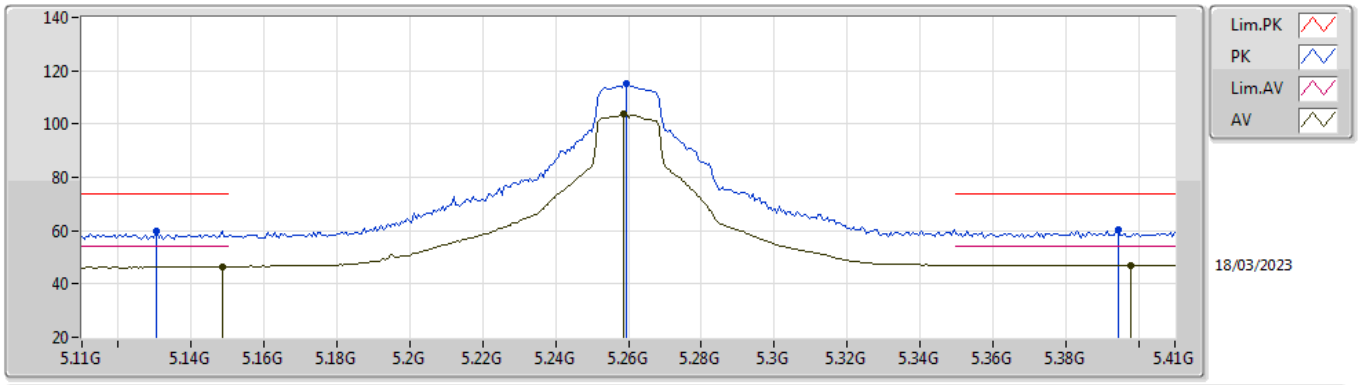


EUT Y_1TX
Setting 23
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1184G	59.14	74.00	-14.86	50.57	3	Vertical	16	2.02	-	33.54	5.76	30.73
AV	5.1478G	46.47	54.00	-7.53	37.83	3	Vertical	16	2.02	-	33.60	5.77	30.73
PK	5.2588G	113.90	Inf	-Inf	105.07	3	Vertical	16	2.02	-	33.72	5.83	30.72
AV	5.2588G	103.13	Inf	-Inf	94.30	3	Vertical	16	2.02	-	33.72	5.83	30.72
PK	5.3776G	59.80	74.00	-14.20	50.67	3	Vertical	16	2.02	-	33.96	5.89	30.72
AV	5.3986G	47.04	54.00	-6.96	37.86	3	Vertical	16	2.02	-	34.00	5.90	30.72

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

5260MHz_TX

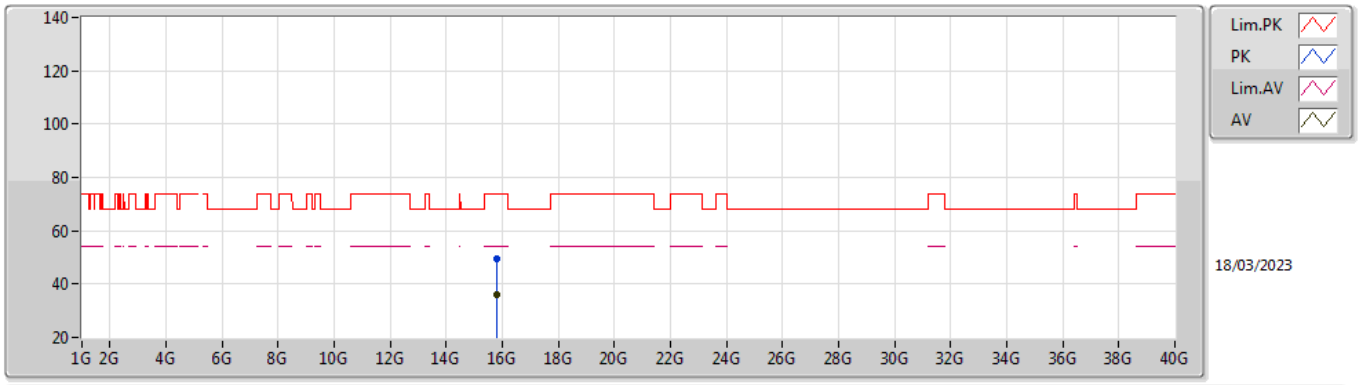


EUT Y_1TX
Setting 23
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1304G	59.79	74.00	-14.21	51.19	3	Horizontal	319	2.84	-	33.56	5.77	30.73
AV	5.1484G	46.51	54.00	-7.49	37.87	3	Horizontal	319	2.84	-	33.60	5.77	30.73
PK	5.2594G	115.22	Inf	-Inf	106.39	3	Horizontal	319	2.84	-	33.72	5.83	30.72
AV	5.2588G	103.63	Inf	-Inf	94.80	3	Horizontal	319	2.84	-	33.72	5.83	30.72
PK	5.3944G	60.27	74.00	-13.73	51.10	3	Horizontal	319	2.84	-	33.99	5.90	30.72
AV	5.398G	47.07	54.00	-6.93	37.89	3	Horizontal	319	2.84	-	34.00	5.90	30.72

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

5260MHz_TX

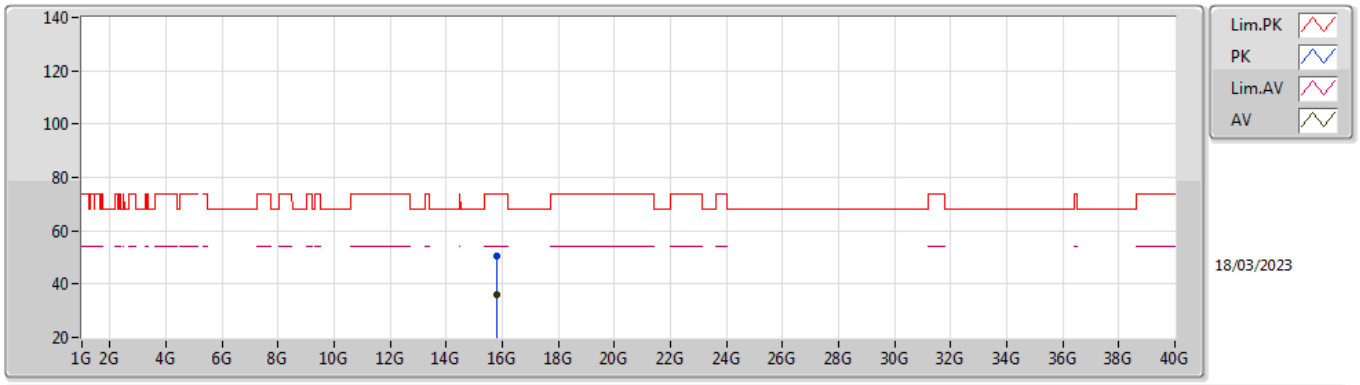


EUT Y_1TX
Setting 23
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.78084G	49.36	74.00	-24.64	65.95	3	Vertical	105	1.88	-	37.50	10.41	64.50
AV	15.78036G	36.11	54.00	-17.89	52.70	3	Vertical	105	1.88	-	37.50	10.41	64.50

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

5260MHz_TX

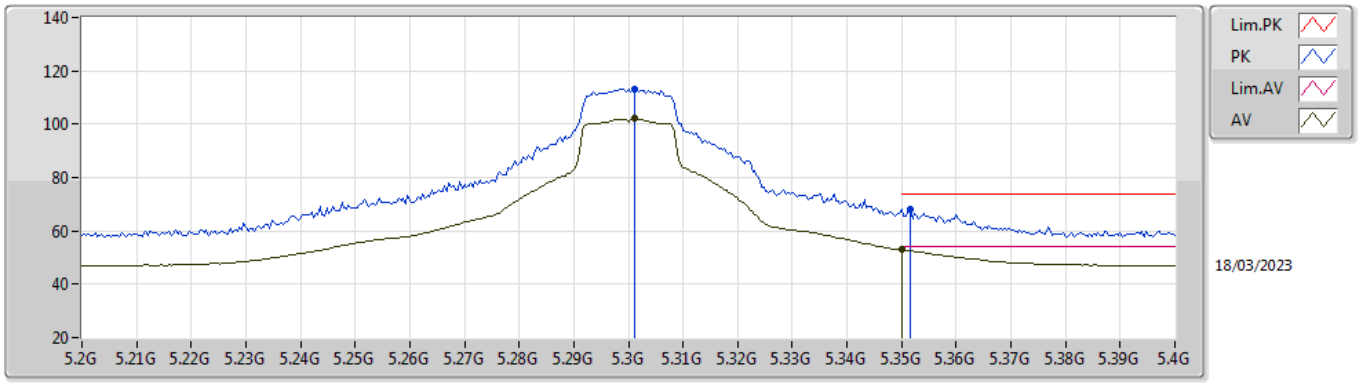


EUT Y_1TX
Setting 23
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.78744G	50.31	74.00	-23.69	66.90	3	Horizontal	205	2.92	-	37.50	10.41	64.50
AV	15.78016G	36.00	54.00	-18.00	52.59	3	Horizontal	205	2.92	-	37.50	10.41	64.50

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

5300MHz_TX

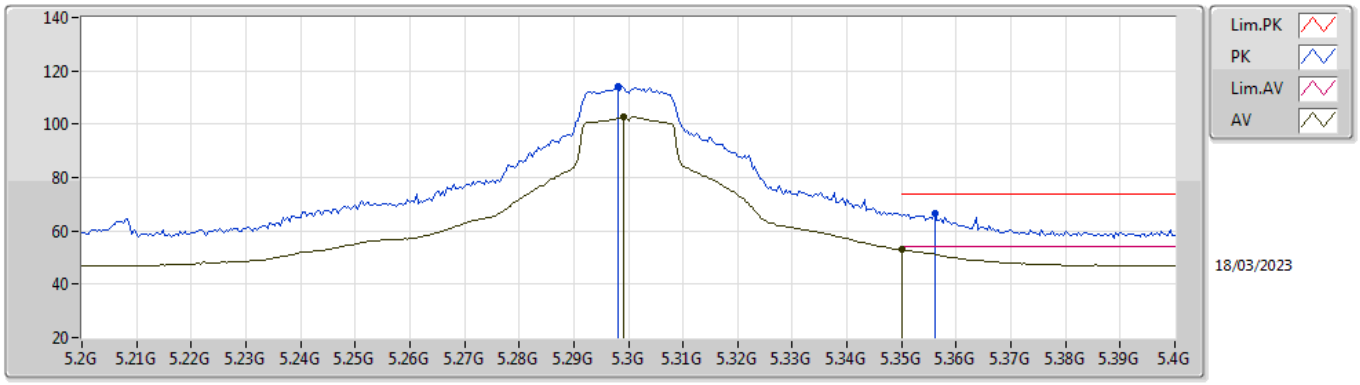


EUT Y_1TX
Setting 23
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3012G	113.36	Inf	-Inf	104.43	3	Vertical	16	1.80	-	33.80	5.85	30.72
AV	5.3012G	102.07	Inf	-Inf	93.14	3	Vertical	16	1.80	-	33.80	5.85	30.72
PK	5.3516G	68.31	74.00	-5.69	59.25	3	Vertical	16	1.80	-	33.90	5.88	30.72
AV	5.35G	52.98	54.00	-1.02	43.92	3	Vertical	16	1.80	-	33.90	5.88	30.72

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

5300MHz_TX

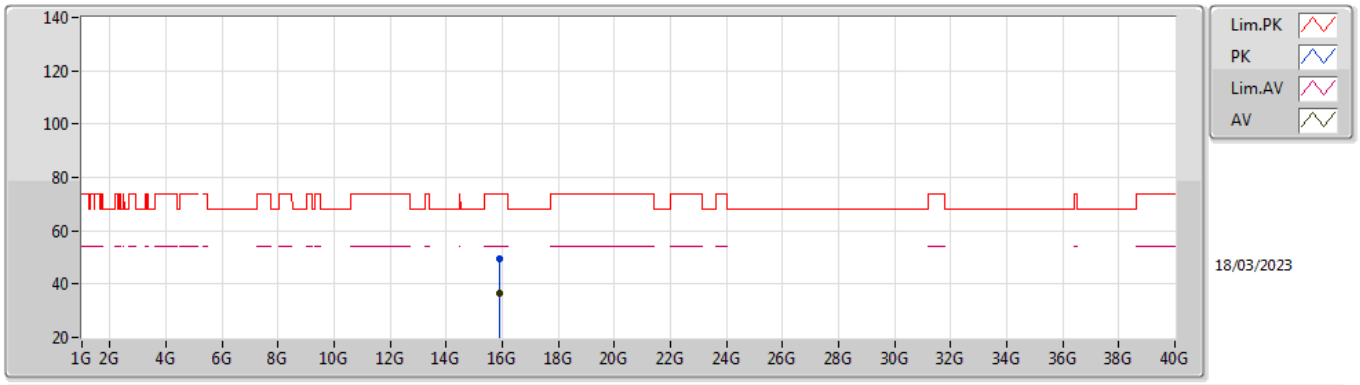


EUT Y_1TX
Setting 23
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.298G	113.97	Inf	-Inf	105.04	3	Horizontal	319	2.78	-	33.80	5.85	30.72
AV	5.2992G	102.58	Inf	-Inf	93.65	3	Horizontal	319	2.78	-	33.80	5.85	30.72
PK	5.356G	66.31	74.00	-7.69	57.24	3	Horizontal	319	2.78	-	33.91	5.88	30.72
AV	5.35G	52.85	54.00	-1.15	43.79	3	Horizontal	319	2.78	-	33.90	5.88	30.72

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

5300MHz_TX

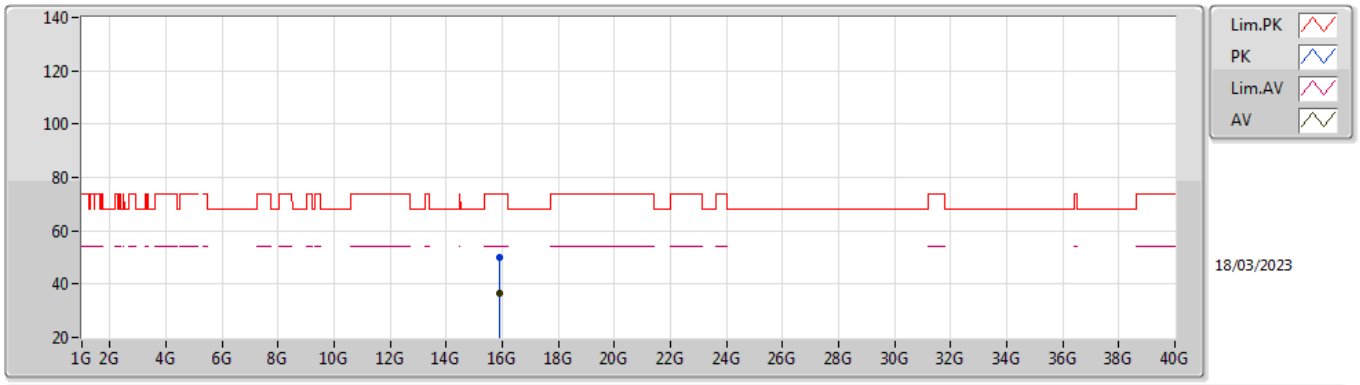


EUT Y_1TX
Setting 23
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.89044G	49.53	74.00	-24.47	66.25	3	Vertical	154	1.57	-	37.32	10.46	64.50
AV	15.89336G	36.31	54.00	-17.69	53.04	3	Vertical	154	1.57	-	37.31	10.46	64.50

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

5300MHz_TX

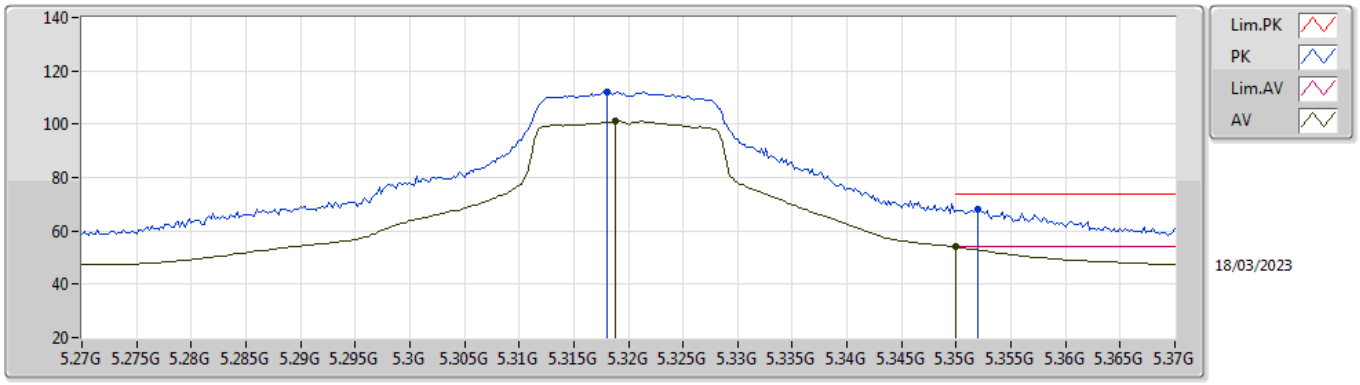


EUT Y_1TX
Setting 23
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.90372G	49.84	74.00	-24.16	66.58	3	Horizontal	227	2.24	-	37.30	10.46	64.50
AV	15.89132G	36.31	54.00	-17.69	53.03	3	Horizontal	227	2.24	-	37.32	10.46	64.50

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

5320MHz_TX

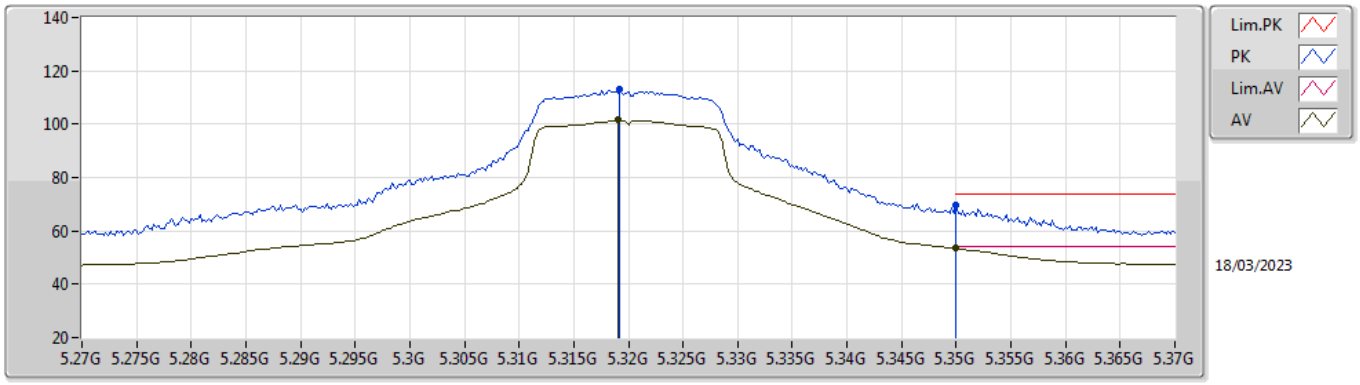


EUT Y_1TX
Setting 21
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.318G	112.21	Inf	-Inf	103.23	3	Vertical	22	1.79	-	33.84	5.86	30.72
AV	5.3188G	100.98	Inf	-Inf	92.00	3	Vertical	22	1.79	-	33.84	5.86	30.72
PK	5.352G	68.03	74.00	-5.97	58.97	3	Vertical	22	1.79	-	33.90	5.88	30.72
AV	5.35G	53.93	54.00	-0.07	44.87	3	Vertical	22	1.79	-	33.90	5.88	30.72

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

5320MHz_TX

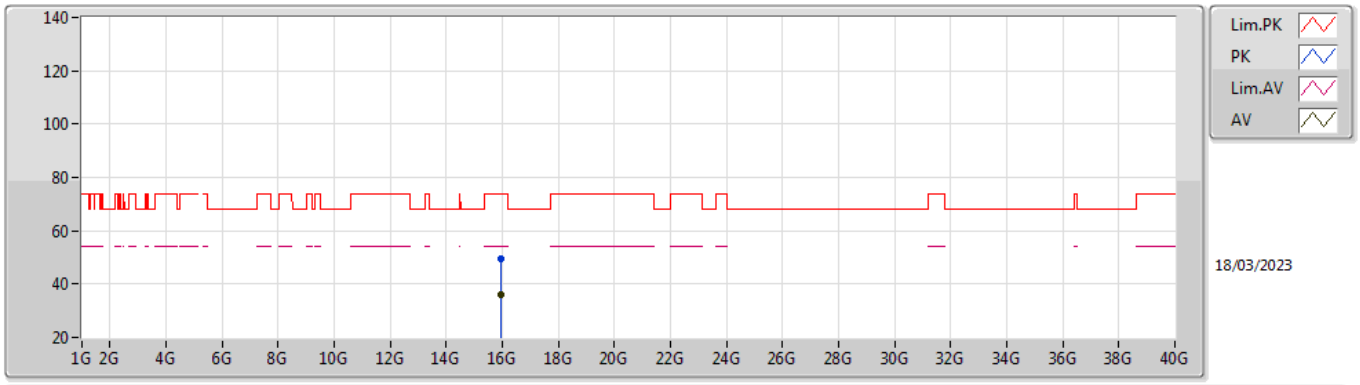


EUT Y_1TX
Setting 21
02-F-J-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3192G	113.04	Inf	-Inf	104.06	3	Horizontal	317	2.91	-	33.84	5.86	30.72
AV	5.319G	101.49	Inf	-Inf	92.51	3	Horizontal	317	2.91	-	33.84	5.86	30.72
PK	5.35G	69.65	74.00	-4.35	60.59	3	Horizontal	317	2.91	-	33.90	5.88	30.72
AV	5.35G	53.49	54.00	-0.51	44.43	3	Horizontal	317	2.91	-	33.90	5.88	30.72

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

5320MHz_TX

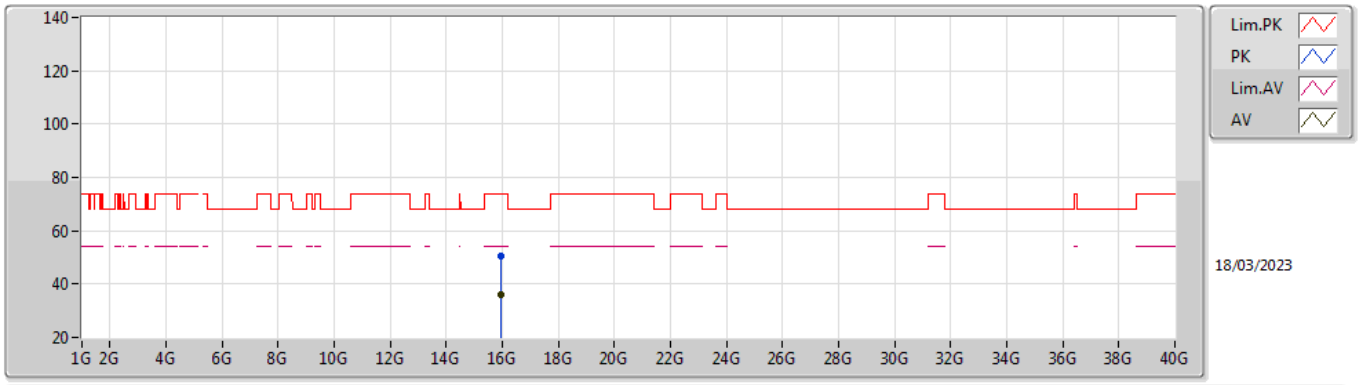


EUT Y_1TX
Setting 21
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.95908G	49.64	74.00	-24.36	66.36	3	Vertical	65	1.99	-	37.30	10.48	64.50
AV	15.9596G	36.17	54.00	-17.83	52.89	3	Vertical	65	1.99	-	37.30	10.48	64.50

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

5320MHz_TX

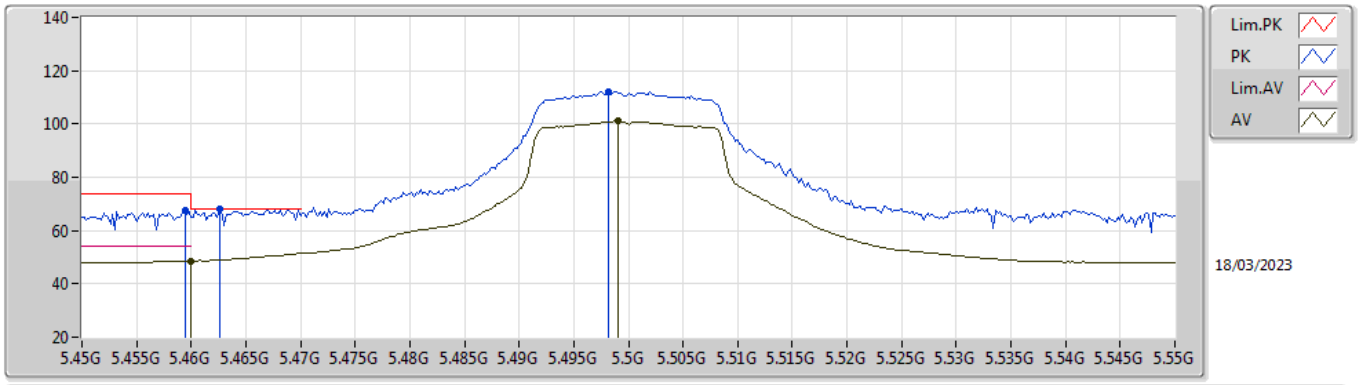


EUT Y_1TX
Setting 21
02-F-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.9526G	50.66	74.00	-23.34	67.38	3	Horizontal	167	2.91	-	37.30	10.48	64.50
AV	15.96036G	36.15	54.00	-17.85	52.87	3	Horizontal	167	2.91	-	37.30	10.48	64.50

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

5500MHz_TX

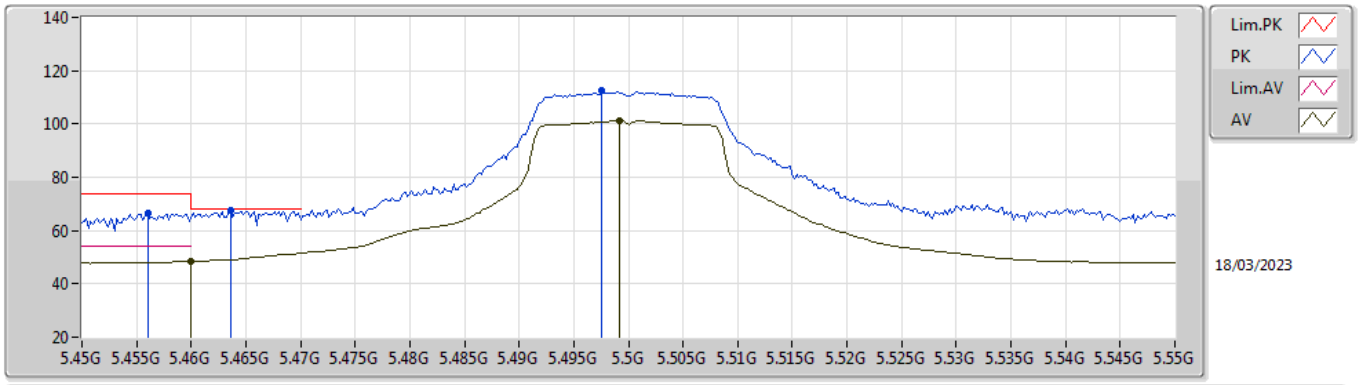


EUT Y_1TX
Setting 18
02-F-S-5-10

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	5.4594G	67.39	74.00	-6.61	58.15	3	Vertical	284	1.80	-	34.00	5.96	30.72
AV	5.46G	48.55	54.00	-5.45	39.31	3	Vertical	284	1.80	-	34.00	5.96	30.72
PK	5.4626G	68.18	68.20	-0.02	58.94	3	Vertical	284	1.80	-	34.00	5.96	30.72
PK	5.4982G	112.07	Inf	-Inf	102.79	3	Vertical	284	1.80	-	34.00	6.00	30.72
AV	5.499G	101.03	Inf	-Inf	91.75	3	Vertical	284	1.80	-	34.00	6.00	30.72

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

5500MHz_TX

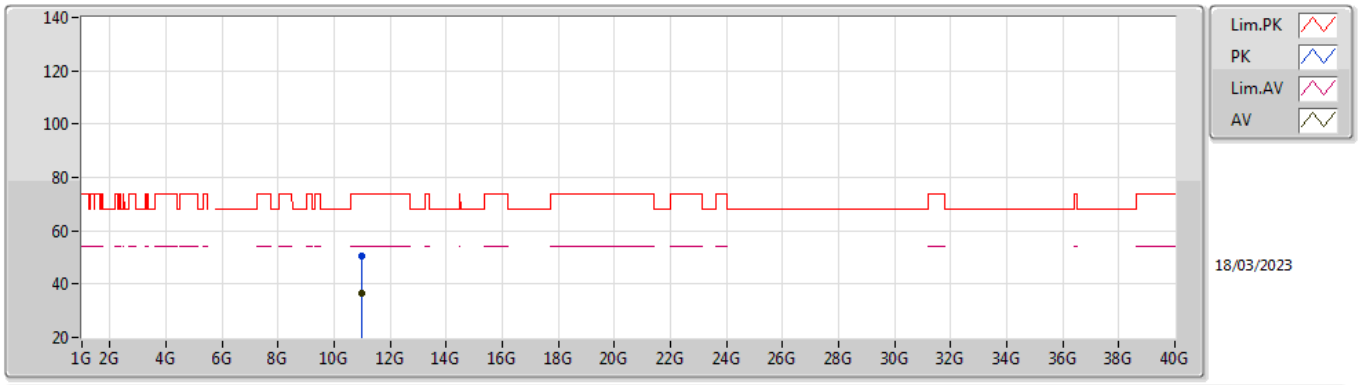


EUT Y_1TX
Setting 18
02-F-S-5-10

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	5.456G	66.44	74.00	-7.56	57.20	3	Horizontal	317	2.87	-	34.00	5.96	30.72
PK	5.4636G	67.42	68.20	-0.78	58.18	3	Horizontal	317	2.87	-	34.00	5.96	30.72
AV	5.46G	48.49	54.00	-5.51	39.25	3	Horizontal	317	2.87	-	34.00	5.96	30.72
PK	5.4976G	112.41	Inf	-Inf	103.13	3	Horizontal	317	2.87	-	34.00	6.00	30.72
AV	5.4992G	101.24	Inf	-Inf	91.96	3	Horizontal	317	2.87	-	34.00	6.00	30.72

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

5500MHz_TX

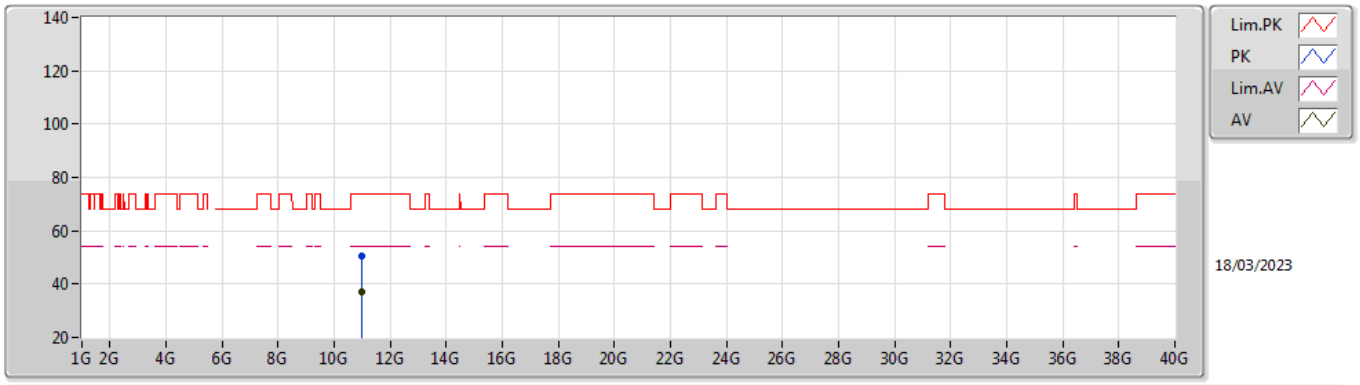


EUT Y_1TX
Setting 18
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99336G	50.31	74.00	-23.69	69.07	3	Vertical	104	1.82	-	38.59	8.65	66.00
AV	11.00416G	36.79	54.00	-17.21	55.54	3	Vertical	104	1.82	-	38.60	8.65	66.00

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

5500MHz_TX

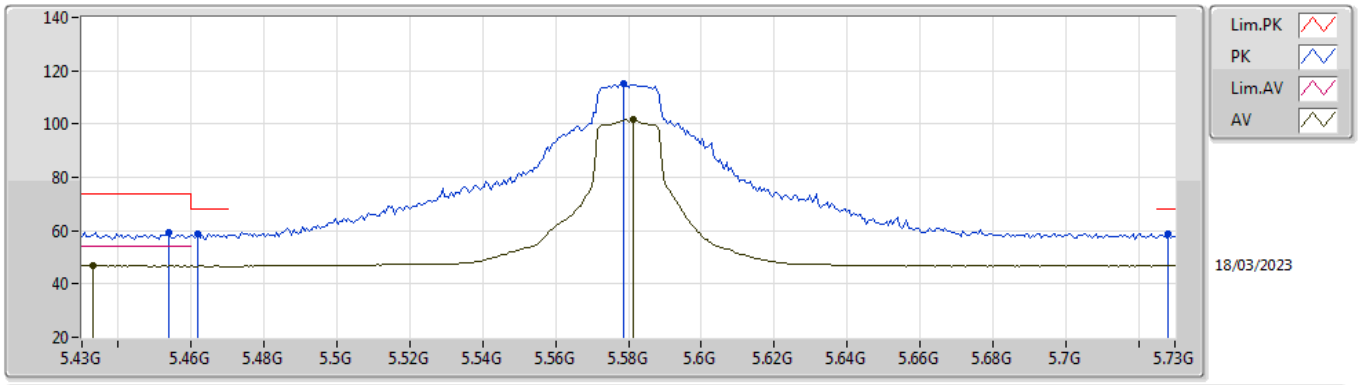


EUT Y_1TX
Setting 18
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99752G	50.36	74.00	-23.64	69.11	3	Horizontal	275	2.66	-	38.60	8.65	66.00
AV	11.00424G	36.90	54.00	-17.10	55.65	3	Horizontal	275	2.66	-	38.60	8.65	66.00

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

5580MHz_TX

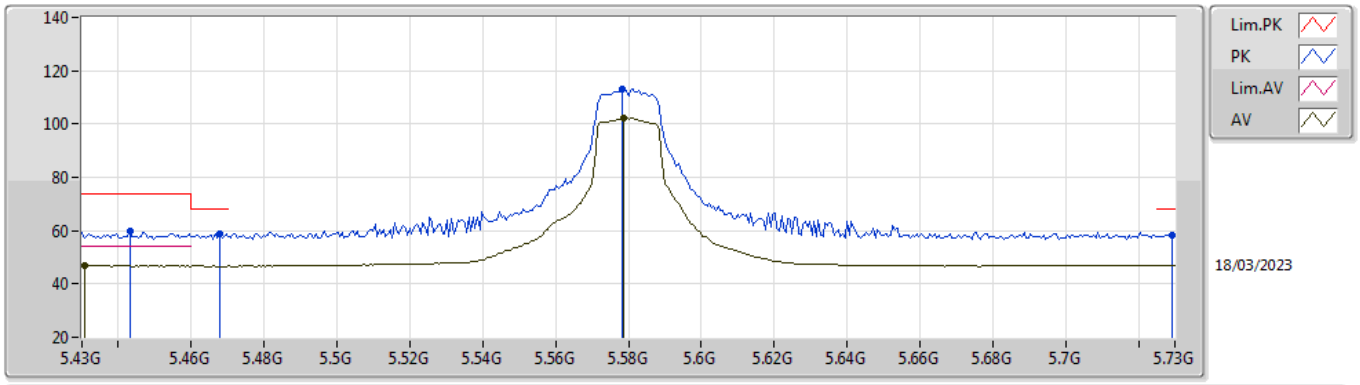


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.454G	59.47	74.00	-14.53	50.24	3	Vertical	15	2.52	-	34.00	5.95	30.72
AV	5.433G	46.75	54.00	-7.25	37.54	3	Vertical	15	2.52	-	34.00	5.93	30.72
PK	5.4618G	58.99	68.20	-9.21	49.75	3	Vertical	15	2.52	-	34.00	5.96	30.72
PK	5.5788G	114.96	Inf	-Inf	105.72	3	Vertical	15	2.52	-	33.94	6.08	30.78
AV	5.5812G	101.51	Inf	-Inf	92.27	3	Vertical	15	2.52	-	33.94	6.08	30.78
PK	5.7282G	58.75	68.20	-9.45	49.70	3	Vertical	15	2.52	-	33.84	6.10	30.89

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

5580MHz_TX

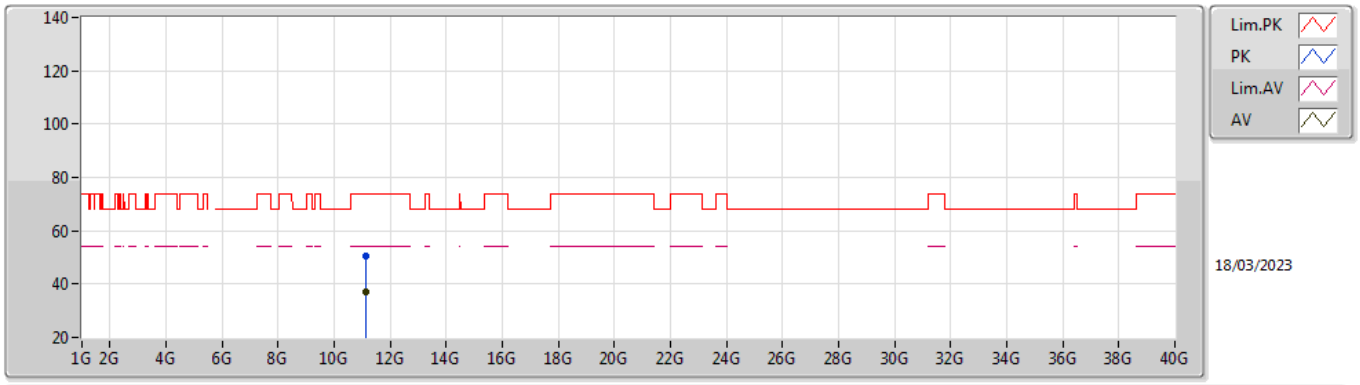


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.4432G	60.04	74.00	-13.96	50.82	3	Horizontal	319	2.80	-	34.00	5.94	30.72
AV	5.4306G	46.84	54.00	-7.16	37.63	3	Horizontal	319	2.80	-	34.00	5.93	30.72
PK	5.4678G	58.96	68.20	-9.24	49.71	3	Horizontal	319	2.80	-	34.00	5.97	30.72
PK	5.5782G	112.91	Inf	-Inf	103.67	3	Horizontal	319	2.80	-	33.94	6.08	30.78
AV	5.5788G	102.30	Inf	-Inf	93.06	3	Horizontal	319	2.80	-	33.94	6.08	30.78
PK	5.7294G	58.23	68.20	-9.97	49.18	3	Horizontal	319	2.80	-	33.84	6.10	30.89

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

5580MHz_TX

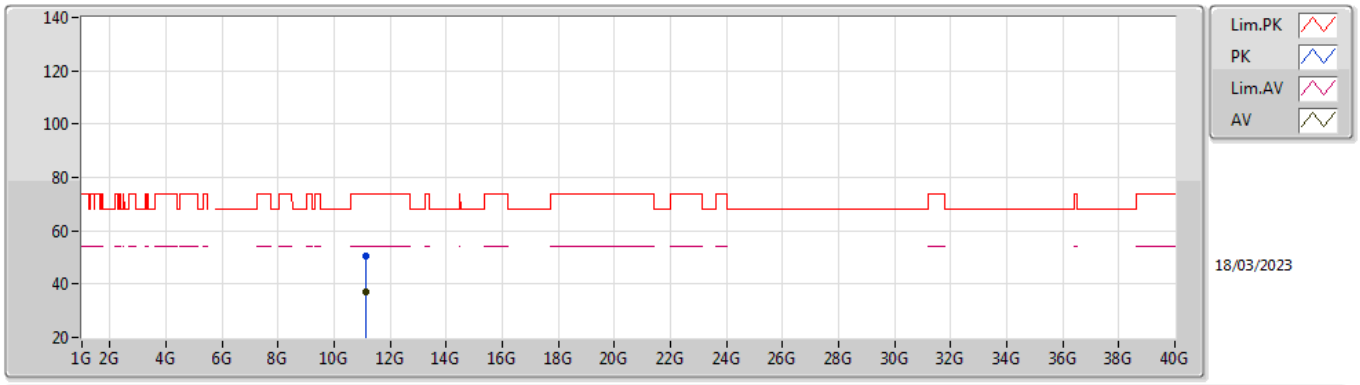


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15156G	50.62	74.00	-23.38	69.14	3	Vertical	201	1.48	-	38.75	8.70	65.97
AV	11.15148G	36.87	54.00	-17.13	55.39	3	Vertical	201	1.48	-	38.75	8.70	65.97

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

5580MHz_TX

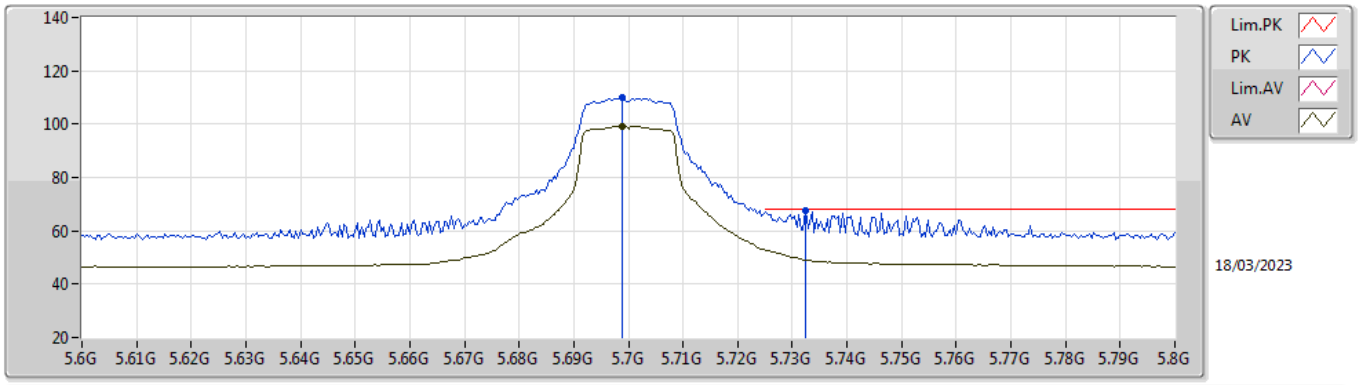


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15532G	50.73	74.00	-23.27	69.24	3	Horizontal	288	2.40	-	38.76	8.70	65.97
AV	11.15276G	36.85	54.00	-17.15	55.37	3	Horizontal	288	2.40	-	38.75	8.70	65.97

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

5700MHz_TX

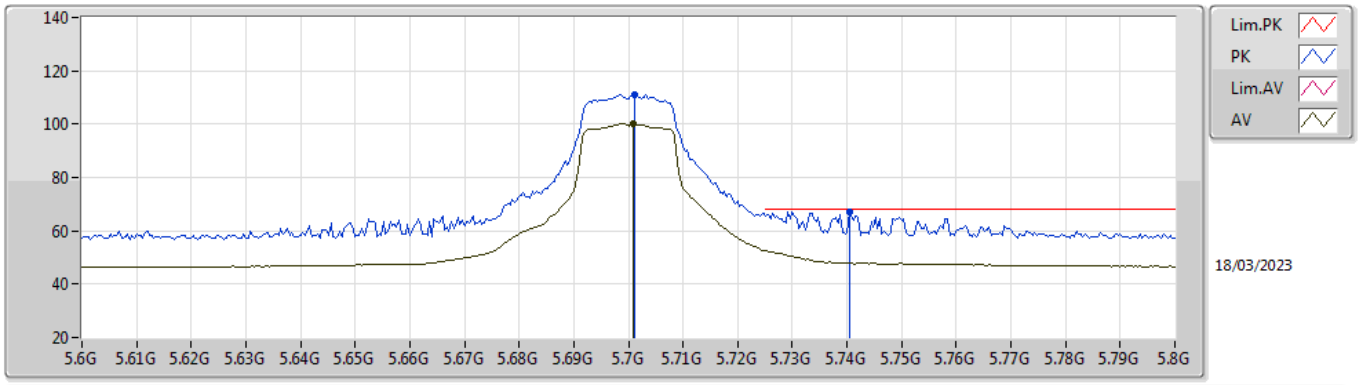


EUT Y_1TX
Setting 16.5
02-F-S-5-10

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	5.6988G	110.25	Inf	-Inf	101.12	3	Vertical	26	2.00	-	33.90	6.10	30.87
AV	5.6988G	99.38	Inf	-Inf	90.25	3	Vertical	26	2.00	-	33.90	6.10	30.87
PK	5.7324G	67.79	68.20	-0.41	58.75	3	Vertical	26	2.00	-	33.84	6.10	30.90

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

5700MHz_TX

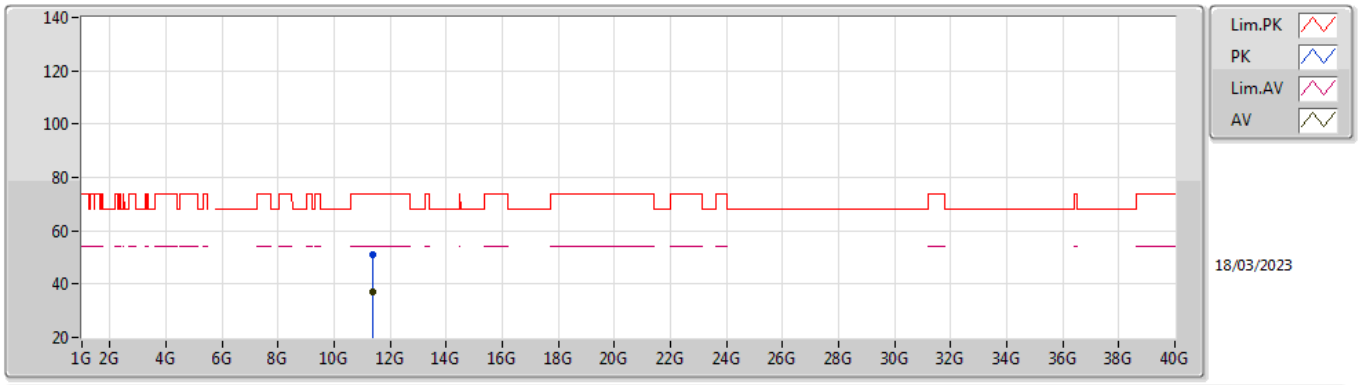


EUT Y_1TX
Setting 16.5
02-F-S-5-10

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	5.7012G	111.22	Inf	-Inf	102.09	3	Horizontal	314	2.71	-	33.90	6.10	30.87
AV	5.7008G	100.18	Inf	-Inf	91.05	3	Horizontal	314	2.71	-	33.90	6.10	30.87
PK	5.7404G	67.28	68.20	-0.92	58.26	3	Horizontal	314	2.71	-	33.82	6.10	30.90

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

5700MHz_TX

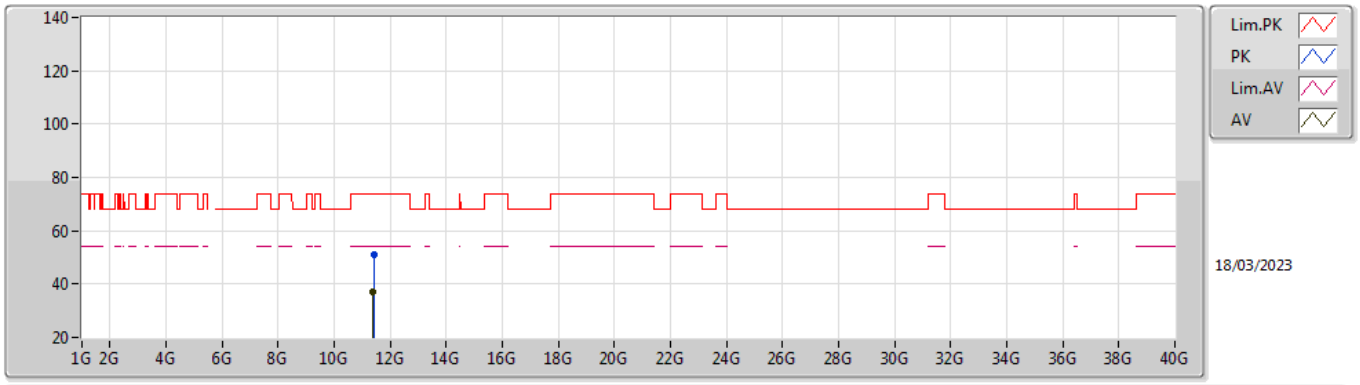


EUT Y_1TX
Setting 16.5
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.401G	50.84	74.00	-23.16	69.17	3	Vertical	294	2.80	-	38.80	8.79	65.92
AV	11.39876G	36.92	54.00	-17.08	55.25	3	Vertical	294	2.80	-	38.80	8.79	65.92

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

5700MHz_TX

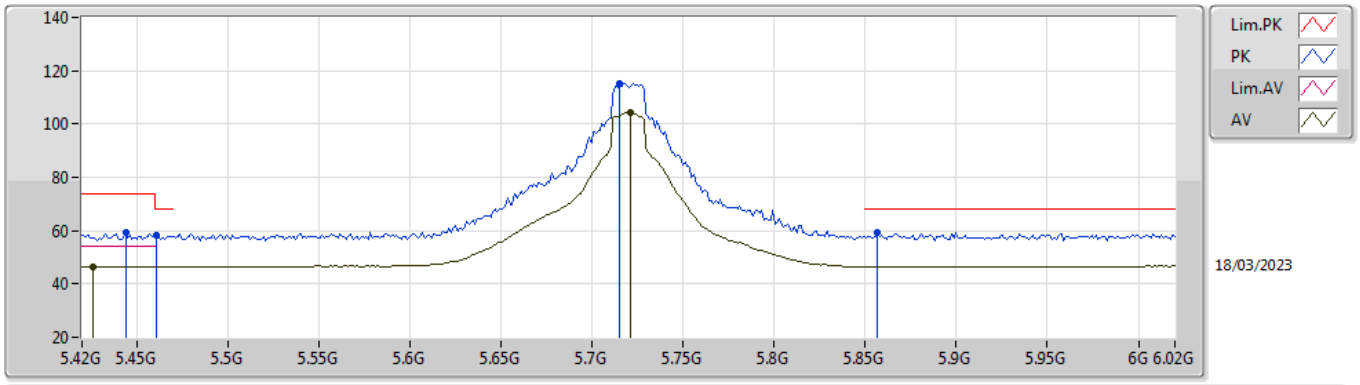


EUT Y_1TX
Setting 16.5
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40808G	51.03	74.00	-22.97	69.34	3	Horizontal	24	2.80	-	38.82	8.79	65.92
AV	11.3966G	36.92	54.00	-17.08	55.25	3	Horizontal	24	2.80	-	38.80	8.79	65.92

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

5720MHz Straddle 5.47-5.725GHz_TX

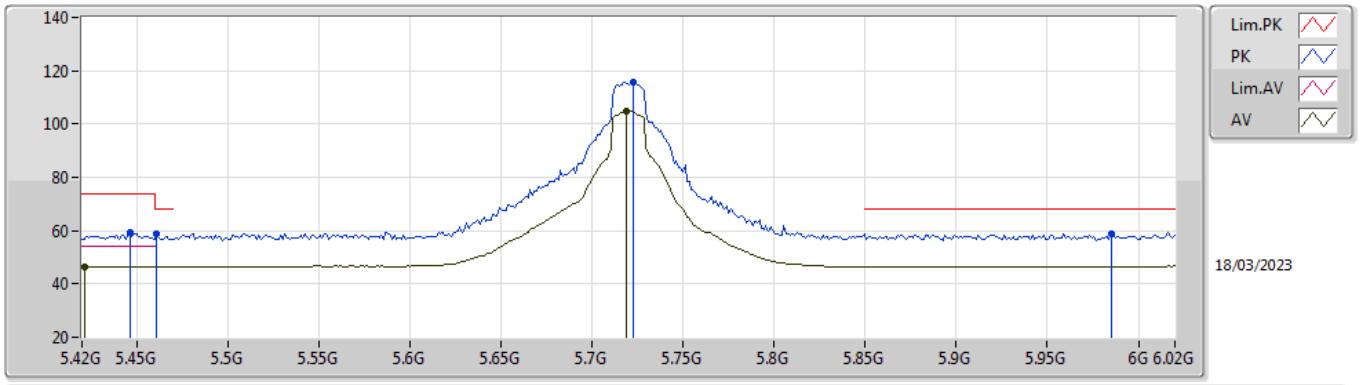


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.444G	59.10	74.00	-14.90	49.88	3	Vertical	29	1.80	-	34.00	5.94	30.72
AV	5.426G	46.60	54.00	-7.40	37.39	3	Vertical	29	1.80	-	34.00	5.93	30.72
PK	5.4608G	58.11	68.20	-10.09	48.87	3	Vertical	29	1.80	-	34.00	5.96	30.72
PK	5.7152G	115.22	Inf	-Inf	106.13	3	Vertical	29	1.80	-	33.87	6.10	30.88
AV	5.7212G	104.49	Inf	-Inf	95.42	3	Vertical	29	1.80	-	33.86	6.10	30.89
PK	5.8568G	59.28	68.20	-8.92	50.28	3	Vertical	29	1.80	-	33.84	6.15	30.99

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

5720MHz Straddle 5.47-5.725GHz_TX

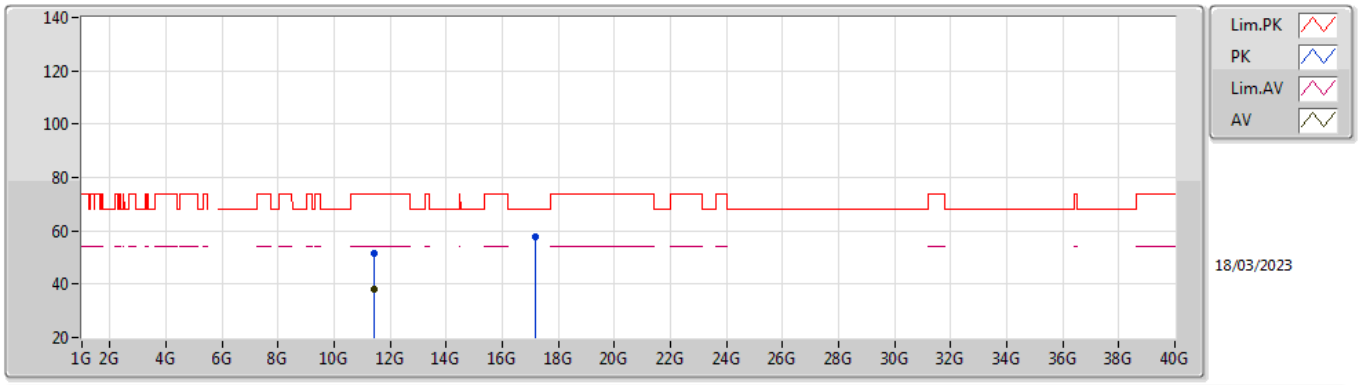


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.4464G	59.53	74.00	-14.47	50.30	3	Horizontal	316	2.80	-	34.00	5.95	30.72
AV	5.4212G	46.58	54.00	-7.42	37.38	3	Horizontal	316	2.80	-	34.00	5.92	30.72
PK	5.4608G	58.98	68.20	-9.22	49.74	3	Horizontal	316	2.80	-	34.00	5.96	30.72
PK	5.7224G	115.68	Inf	-Inf	106.61	3	Horizontal	316	2.80	-	33.86	6.10	30.89
AV	5.7188G	105.08	Inf	-Inf	96.01	3	Horizontal	316	2.80	-	33.86	6.10	30.89
PK	5.9852G	58.89	68.20	-9.31	49.50	3	Horizontal	316	2.80	-	34.20	6.28	31.09

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

5720MHz Straddle 5.47-5.725GHz_TX

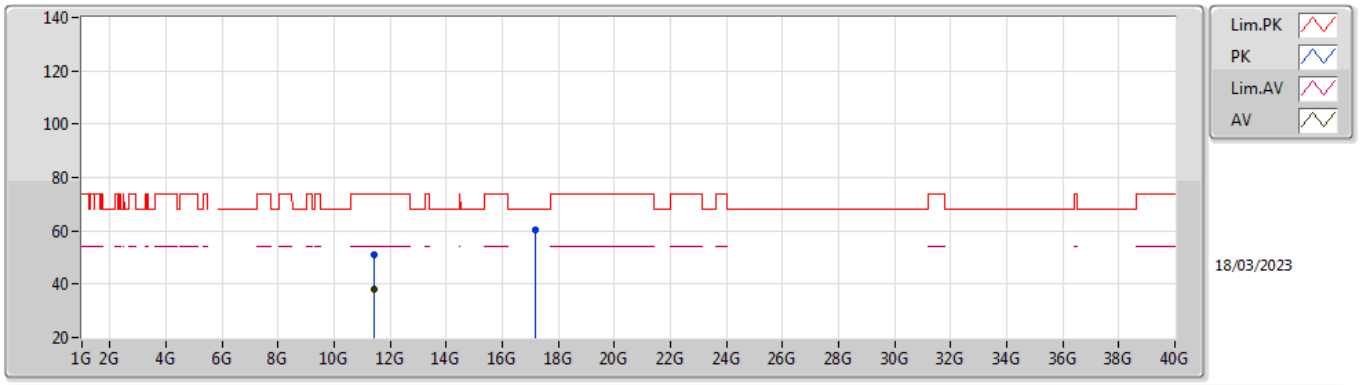


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44448G	51.64	74.00	-22.36	69.85	3	Vertical	228	2.05	-	38.89	8.81	65.91
AV	11.44008G	38.15	54.00	-15.85	56.38	3	Vertical	228	2.05	-	38.88	8.80	65.91
PK	17.1578G	57.75	68.20	-10.45	70.28	3	Vertical	261	2.07	-	41.75	10.91	65.19

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

5720MHz Straddle 5.47-5.725GHz_TX

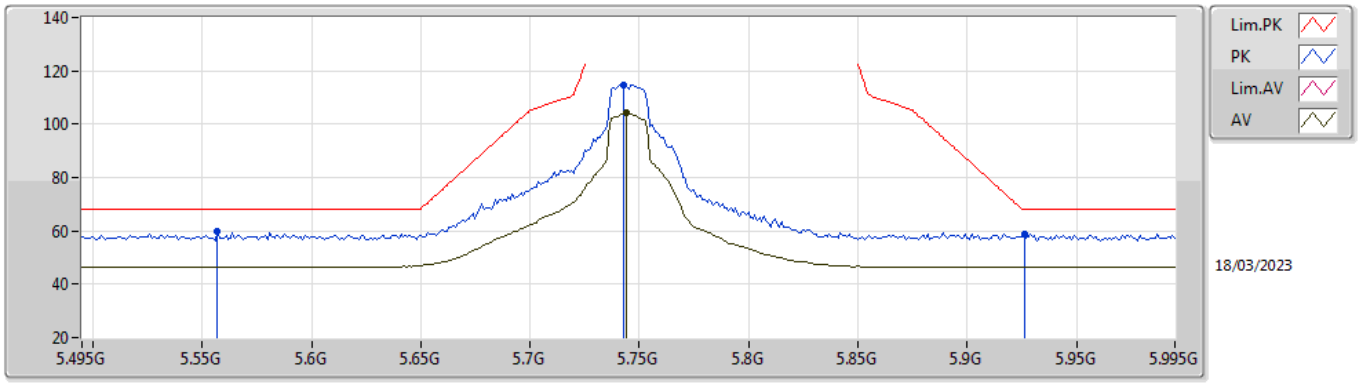


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4438G	50.97	74.00	-23.03	69.18	3	Horizontal	163	1.38	-	38.89	8.81	65.91
AV	11.44G	38.21	54.00	-15.79	56.44	3	Horizontal	163	1.38	-	38.88	8.80	65.91
PK	17.16072G	60.17	68.20	-8.03	72.70	3	Horizontal	303	1.84	-	41.76	10.91	65.20

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

5745MHz_TX

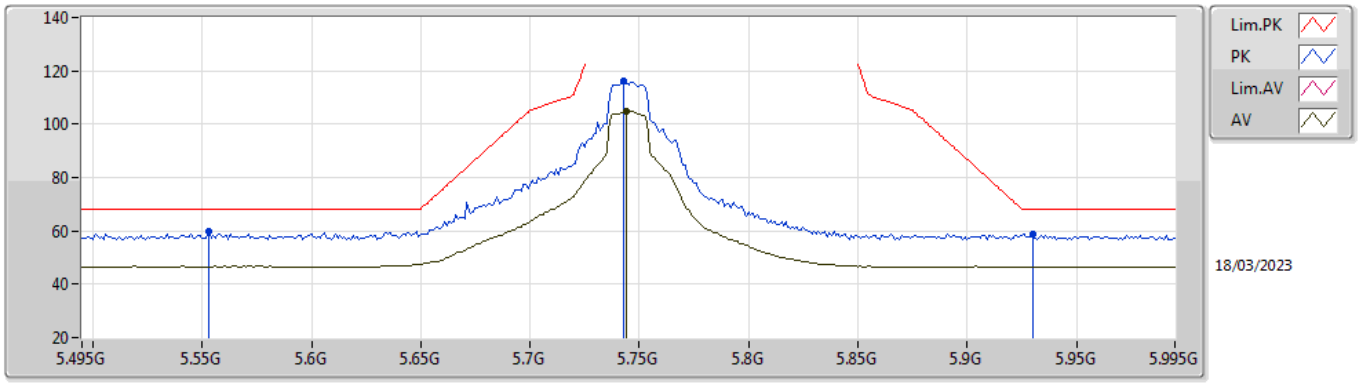


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.557G	59.81	68.20	-8.39	50.52	3	Vertical	27	1.89	-	33.99	6.06	30.76
PK	5.743G	114.79	Inf	-Inf	105.78	3	Vertical	27	1.89	-	33.81	6.10	30.90
AV	5.744G	104.13	Inf	-Inf	95.13	3	Vertical	27	1.89	-	33.81	6.10	30.91
PK	5.926G	59.05	68.20	-9.15	49.72	3	Vertical	27	1.89	-	34.15	6.22	31.04

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

5745MHz_TX

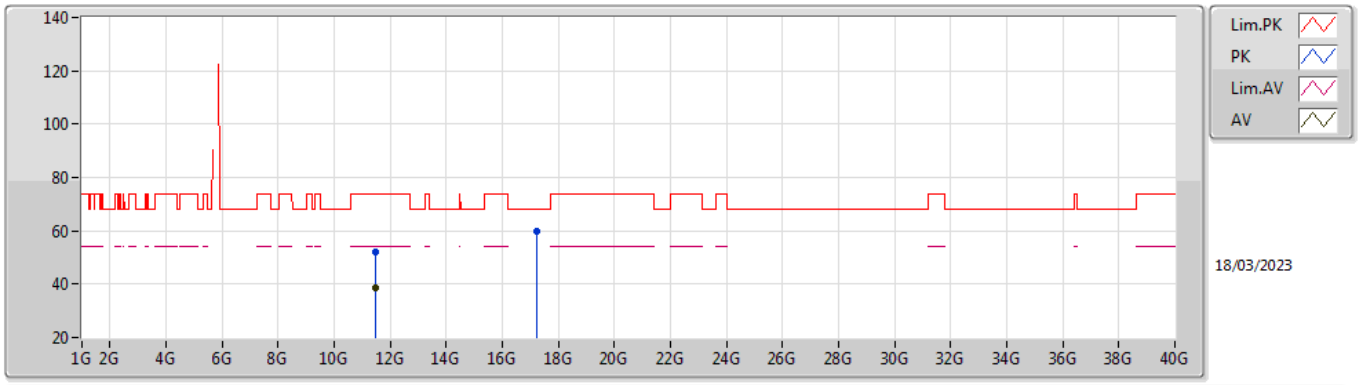


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.553G	59.84	68.20	-8.36	50.56	3	Horizontal	314	2.78	-	33.99	6.05	30.76
PK	5.743G	116.43	Inf	-Inf	107.42	3	Horizontal	314	2.78	-	33.81	6.10	30.90
AV	5.744G	104.89	Inf	-Inf	95.89	3	Horizontal	314	2.78	-	33.81	6.10	30.91
PK	5.93G	58.56	68.20	-9.64	49.22	3	Horizontal	314	2.78	-	34.16	6.23	31.05

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

5745MHz_TX

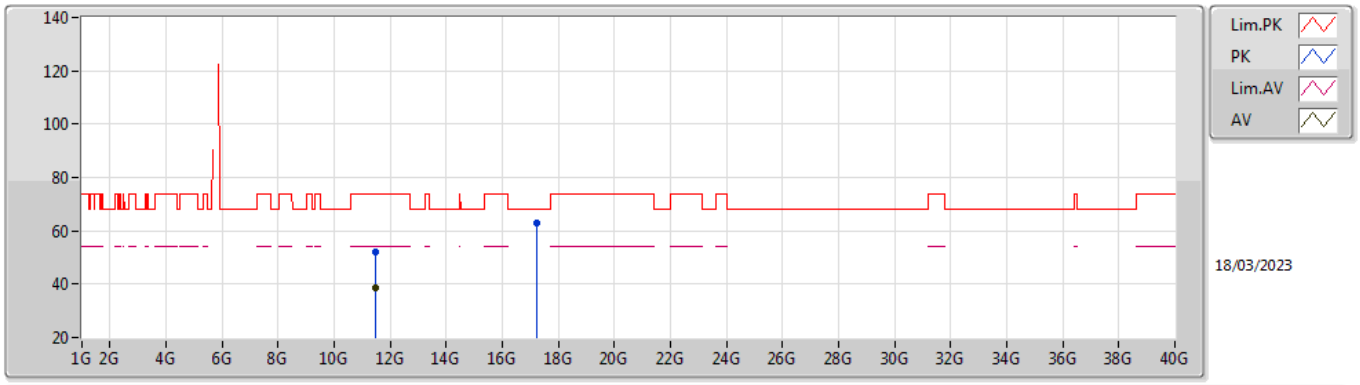


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4896G	51.99	74.00	-22.01	70.09	3	Vertical	56	2.05	-	38.98	8.82	65.90
AV	11.49036G	38.44	54.00	-15.56	56.54	3	Vertical	56	2.05	-	38.98	8.82	65.90
PK	17.23596G	59.86	68.20	-8.34	71.99	3	Vertical	259	2.00	-	42.18	10.93	65.24

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

5745MHz_TX

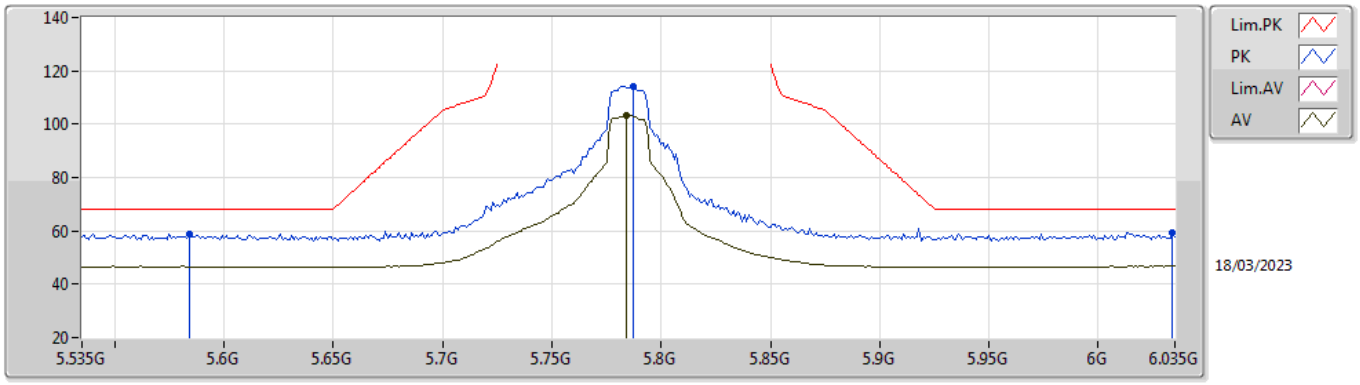


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49112G	52.11	74.00	-21.89	70.21	3	Horizontal	227	1.33	-	38.98	8.82	65.90
AV	11.49G	38.44	54.00	-15.56	56.54	3	Horizontal	227	1.33	-	38.98	8.82	65.90
PK	17.23128G	62.99	68.20	-5.21	75.14	3	Horizontal	306	1.98	-	42.16	10.93	65.24

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

5785MHz_TX

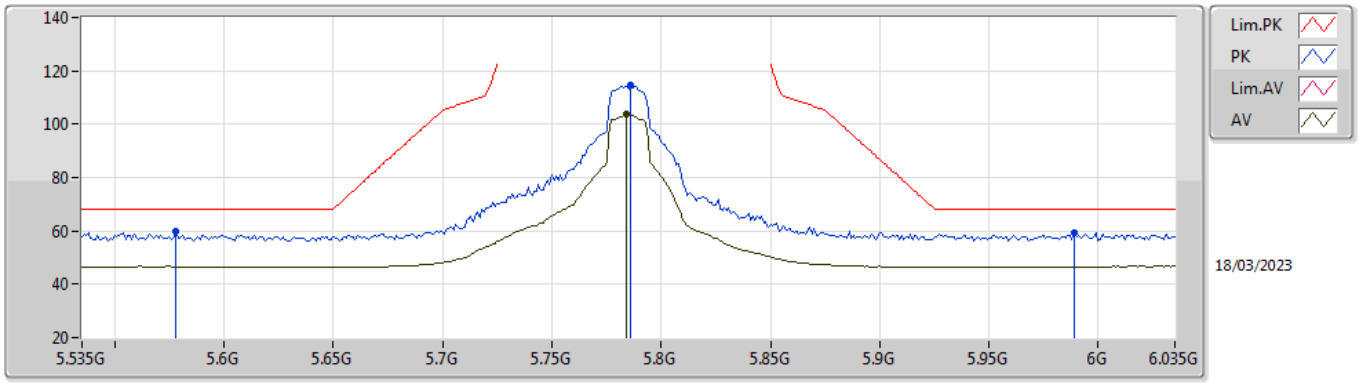


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.584G	59.04	68.20	-9.16	49.81	3	Vertical	31	1.96	-	33.93	6.08	30.78
PK	5.787G	114.25	Inf	-Inf	105.29	3	Vertical	31	1.96	-	33.80	6.10	30.94
AV	5.784G	103.53	Inf	-Inf	94.57	3	Vertical	31	1.96	-	33.80	6.10	30.94
PK	6.034G	59.23	68.20	-8.97	49.77	3	Vertical	31	1.96	-	34.27	6.30	31.11

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

5785MHz_TX

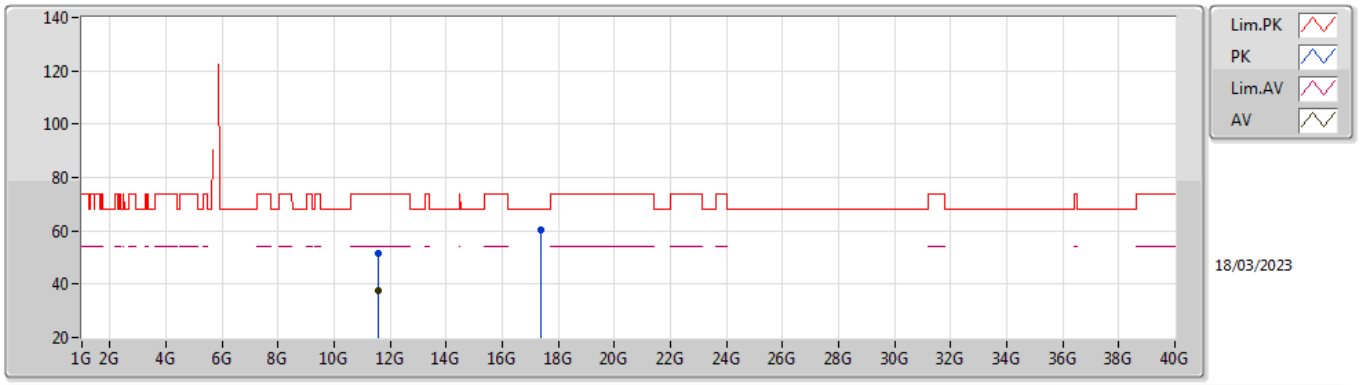


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.578G	59.61	68.20	-8.59	50.37	3	Horizontal	312	2.65	-	33.94	6.08	30.78
PK	5.786G	114.52	Inf	-Inf	105.56	3	Horizontal	312	2.65	-	33.80	6.10	30.94
AV	5.784G	103.61	Inf	-Inf	94.65	3	Horizontal	312	2.65	-	33.80	6.10	30.94
PK	5.989G	59.20	68.20	-9.00	49.80	3	Horizontal	312	2.65	-	34.20	6.29	31.09

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

5785MHz_TX

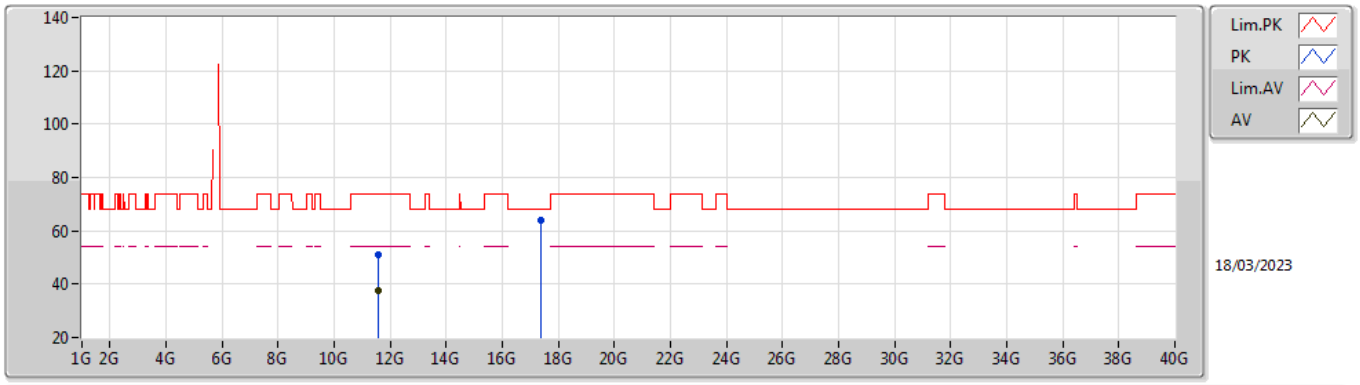


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56048G	51.30	74.00	-22.70	69.13	3	Vertical	274	2.18	-	39.18	8.85	65.86
AV	11.56124G	37.39	54.00	-16.61	55.22	3	Vertical	274	2.18	-	39.18	8.85	65.86
PK	17.35488G	60.41	68.20	-7.79	71.92	3	Vertical	257	1.97	-	42.83	10.97	65.31

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

5785MHz_TX

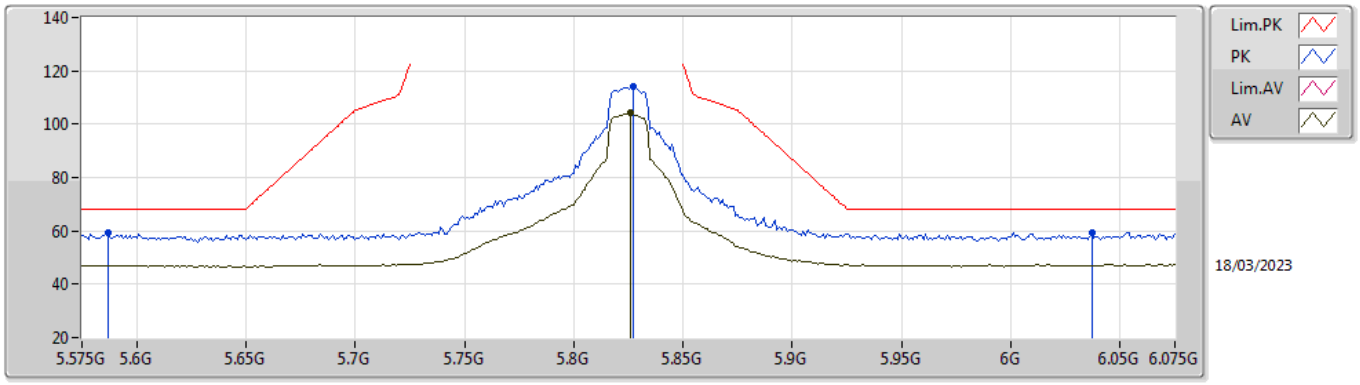


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56164G	50.79	74.00	-23.21	68.62	3	Horizontal	301	2.52	-	39.18	8.85	65.86
AV	11.56064G	37.39	54.00	-16.61	55.22	3	Horizontal	301	2.52	-	39.18	8.85	65.86
PK	17.36088G	63.83	68.20	-4.37	75.30	3	Horizontal	304	1.98	-	42.87	10.98	65.32

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

5825MHz_TX

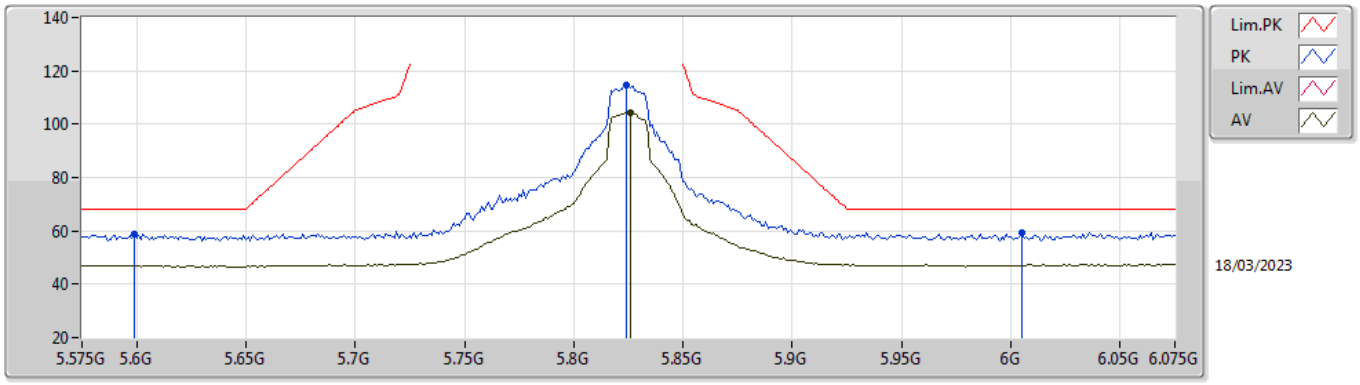


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.587G	59.54	68.20	-8.66	50.31	3	Vertical	33	1.84	-	33.93	6.09	30.79
PK	5.827G	113.93	Inf	-Inf	104.98	3	Vertical	33	1.84	-	33.80	6.12	30.97
AV	5.826G	104.25	Inf	-Inf	95.30	3	Vertical	33	1.84	-	33.80	6.12	30.97
PK	6.037G	59.39	68.20	-8.81	49.93	3	Vertical	33	1.84	-	34.27	6.30	31.11

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

5825MHz_TX

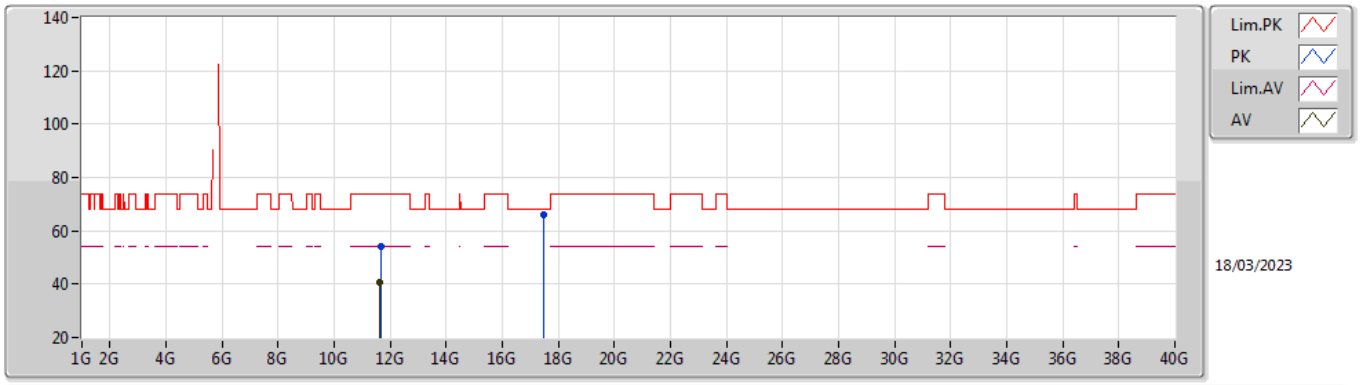


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.599G	58.86	68.20	-9.34	49.66	3	Horizontal	310	2.62	-	33.90	6.10	30.80
PK	5.824G	114.79	Inf	-Inf	105.84	3	Horizontal	310	2.62	-	33.80	6.12	30.97
AV	5.826G	104.38	Inf	-Inf	95.43	3	Horizontal	310	2.62	-	33.80	6.12	30.97
PK	6.005G	59.56	68.20	-8.64	50.15	3	Horizontal	310	2.62	-	34.21	6.30	31.10

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

5825MHz_TX

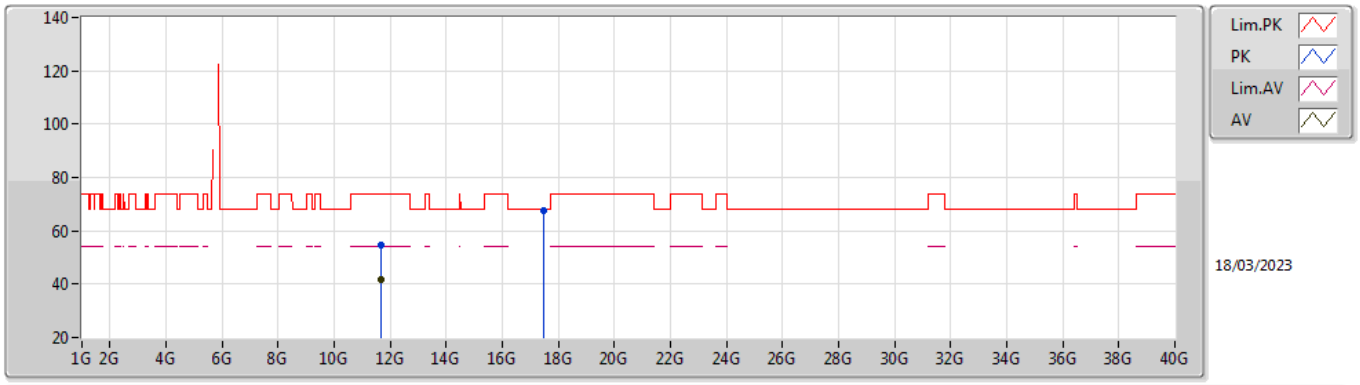


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6476G	53.91	74.00	-20.09	71.44	3	Vertical	20	2.25	-	39.40	8.88	65.81
AV	11.6454G	40.48	54.00	-13.52	58.02	3	Vertical	20	2.25	-	39.39	8.88	65.81
PK	17.47312G	66.10	68.20	-2.10	76.78	3	Vertical	260	2.03	-	43.68	11.02	65.38

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

5825MHz_TX

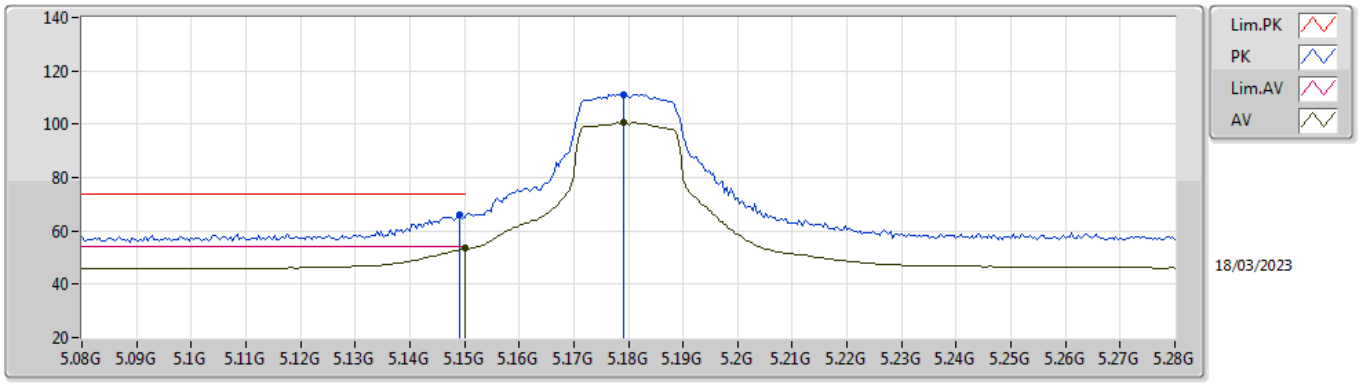


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65068G	54.41	74.00	-19.59	71.94	3	Horizontal	333	1.60	-	39.40	8.88	65.81
AV	11.65012G	41.69	54.00	-12.31	59.22	3	Horizontal	333	1.60	-	39.40	8.88	65.81
PK	17.4818G	67.57	68.20	-0.63	78.19	3	Horizontal	306	1.98	-	43.75	11.02	65.39

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

5180MHz_TX

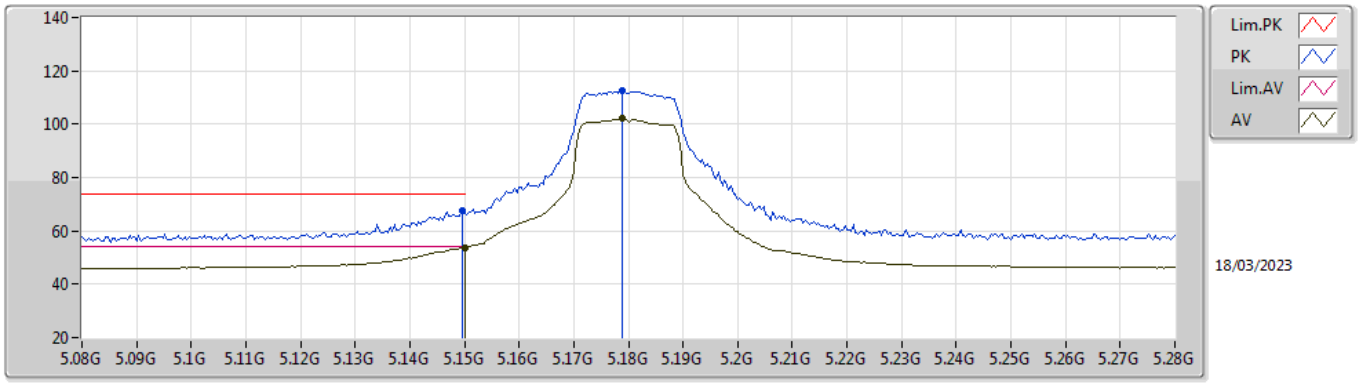


EUT Y_1TX
Setting 19.5
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	66.25	74.00	-7.75	57.61	3	Vertical	29	1.88	-	33.60	5.77	30.73
AV	5.15G	53.79	54.00	-0.21	45.14	3	Vertical	29	1.88	-	33.60	5.78	30.73
PK	5.1792G	111.15	Inf	-Inf	102.43	3	Vertical	29	1.88	-	33.66	5.79	30.73
AV	5.1792G	100.67	Inf	-Inf	91.95	3	Vertical	29	1.88	-	33.66	5.79	30.73

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

5180MHz_TX

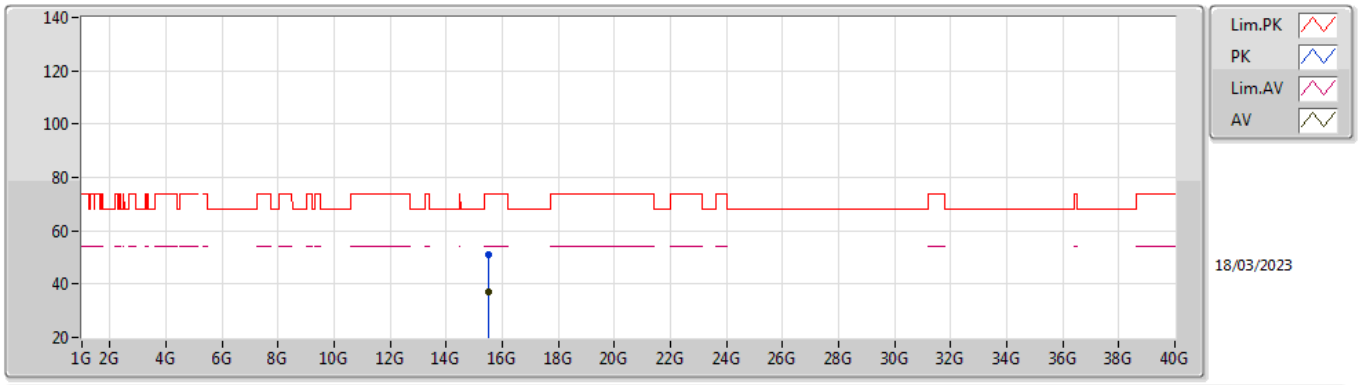


EUT Y_1TX
Setting 19.5
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	67.34	74.00	-6.66	58.70	3	Horizontal	320	2.12	-	33.60	5.77	30.73
AV	5.15G	53.84	54.00	-0.16	45.19	3	Horizontal	320	2.12	-	33.60	5.78	30.73
PK	5.1788G	112.58	Inf	-Inf	103.86	3	Horizontal	320	2.12	-	33.66	5.79	30.73
AV	5.1788G	101.99	Inf	-Inf	93.27	3	Horizontal	320	2.12	-	33.66	5.79	30.73

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

5180MHz_TX

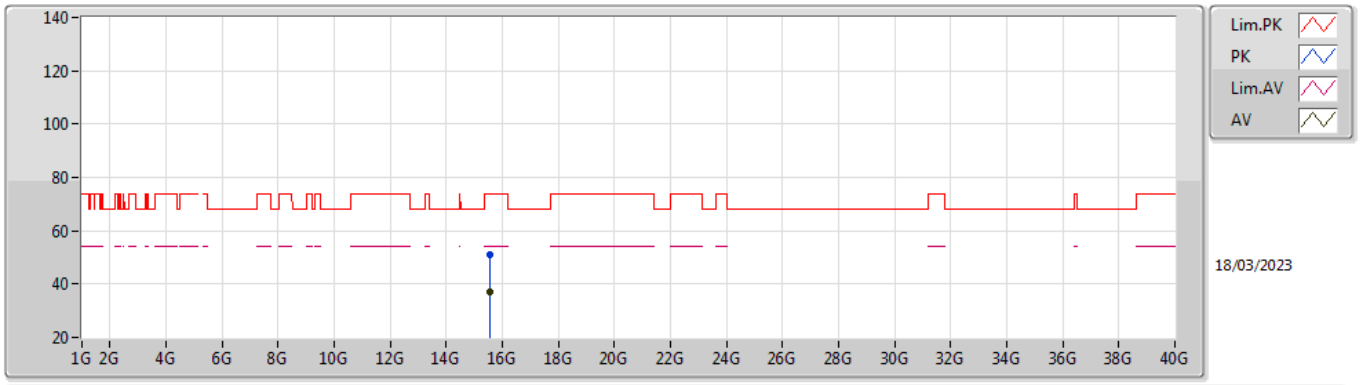


EUT Y_1TX
Setting 19.5
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53264G	51.19	74.00	-22.81	67.48	3	Vertical	127	3.00	-	37.90	10.31	64.50
AV	15.5314G	37.06	54.00	-16.94	53.34	3	Vertical	127	3.00	-	37.91	10.31	64.50

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

5180MHz_TX

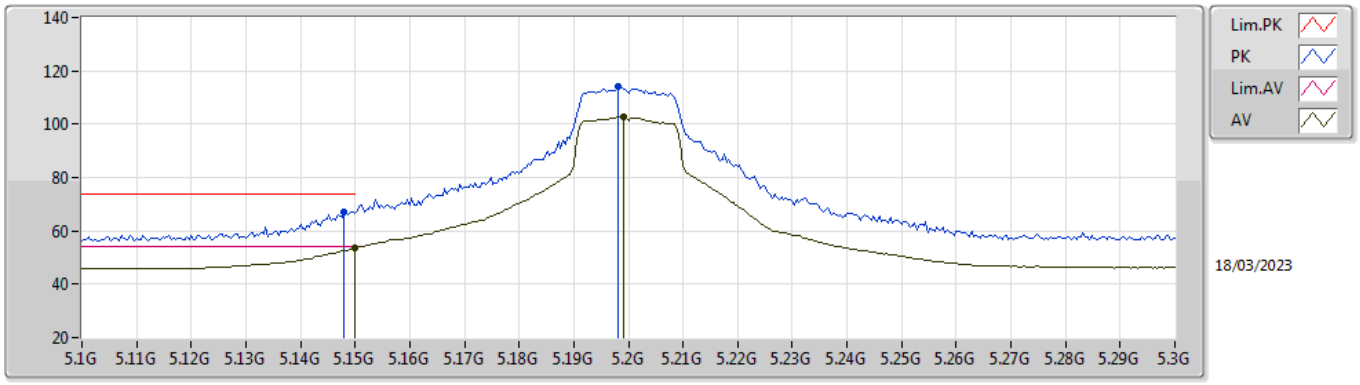


EUT Y_1TX
Setting 19.5
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54488G	50.87	74.00	-23.13	67.22	3	Horizontal	130	1.00	-	37.83	10.32	64.50
AV	15.53408G	37.09	54.00	-16.91	53.38	3	Horizontal	130	1.00	-	37.90	10.31	64.50

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

5200MHz_TX

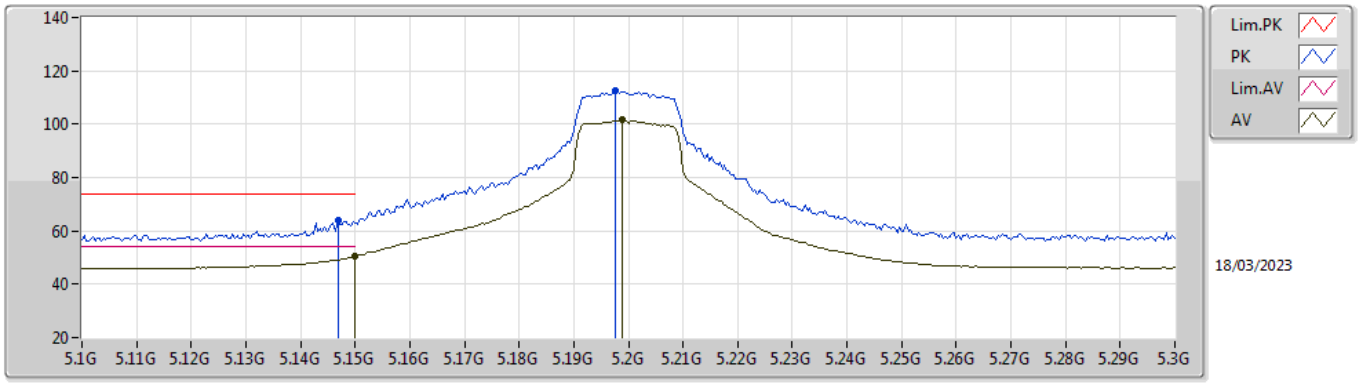


EUT Y_1TX
Setting 21.5
02-F-S-5-10

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	5.148G	67.31	74.00	-6.69	58.67	3	Vertical	286	1.95	-	33.60	5.77	30.73
AV	5.15G	53.59	54.00	-0.41	44.94	3	Vertical	286	1.95	-	33.60	5.78	30.73
PK	5.198G	113.90	Inf	-Inf	105.13	3	Vertical	286	1.95	-	33.70	5.80	30.73
AV	5.1992G	102.71	Inf	-Inf	93.94	3	Vertical	286	1.95	-	33.70	5.80	30.73

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

5200MHz_TX

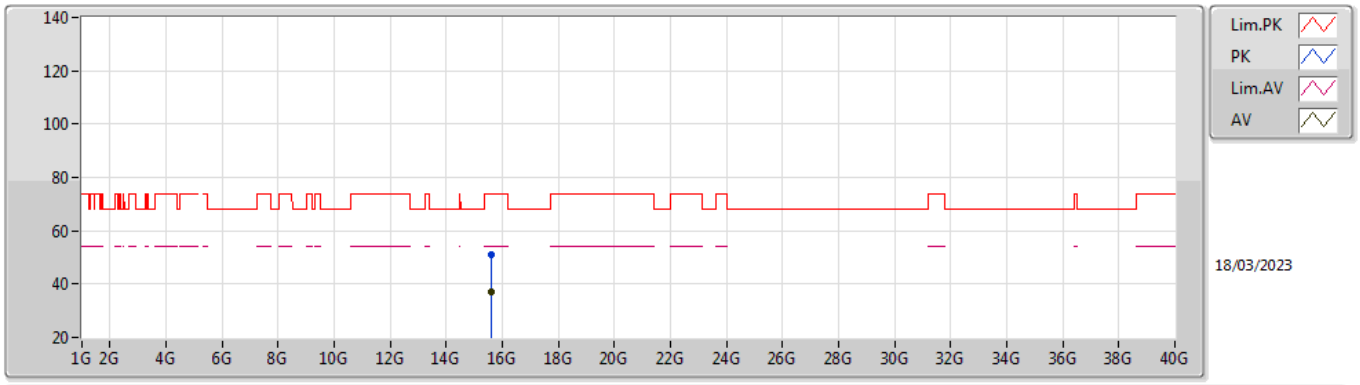


EUT Y_1TX
Setting 21.5
02-F-S-5-10

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	5.1468G	63.94	74.00	-10.06	55.31	3	Horizontal	320	1.91	-	33.59	5.77	30.73
AV	5.15G	50.34	54.00	-3.66	41.69	3	Horizontal	320	1.91	-	33.60	5.78	30.73
PK	5.1976G	112.35	Inf	-Inf	103.58	3	Horizontal	320	1.91	-	33.70	5.80	30.73
AV	5.1988G	101.53	Inf	-Inf	92.76	3	Horizontal	320	1.91	-	33.70	5.80	30.73

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

5200MHz_TX

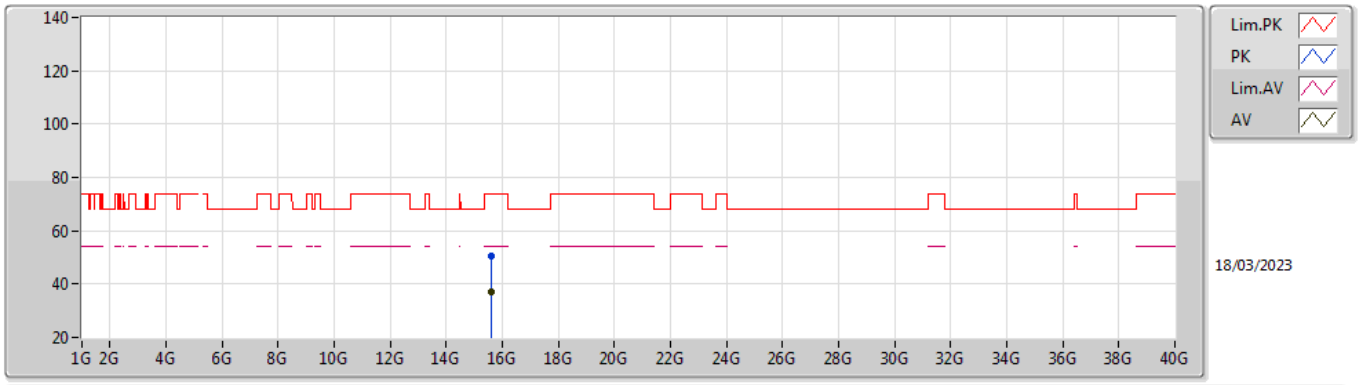


EUT Y_1TX
Setting 21.5
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59356G	50.90	74.00	-23.10	67.52	3	Vertical	173	1.00	-	37.54	10.34	64.50
AV	15.59056G	37.01	54.00	-16.99	53.61	3	Vertical	173	1.00	-	37.56	10.34	64.50

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

5200MHz_TX

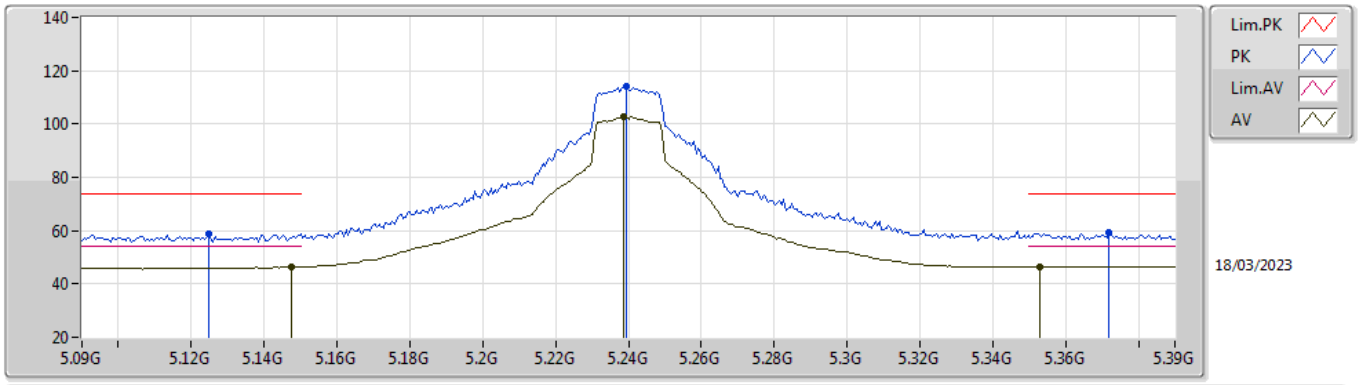


EUT Y_1TX
Setting 21.5
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59012G	50.29	74.00	-23.71	66.89	3	Horizontal	347	1.00	-	37.56	10.34	64.50
AV	15.59036G	37.04	54.00	-16.96	53.64	3	Horizontal	347	1.00	-	37.56	10.34	64.50

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

5240MHz_TX

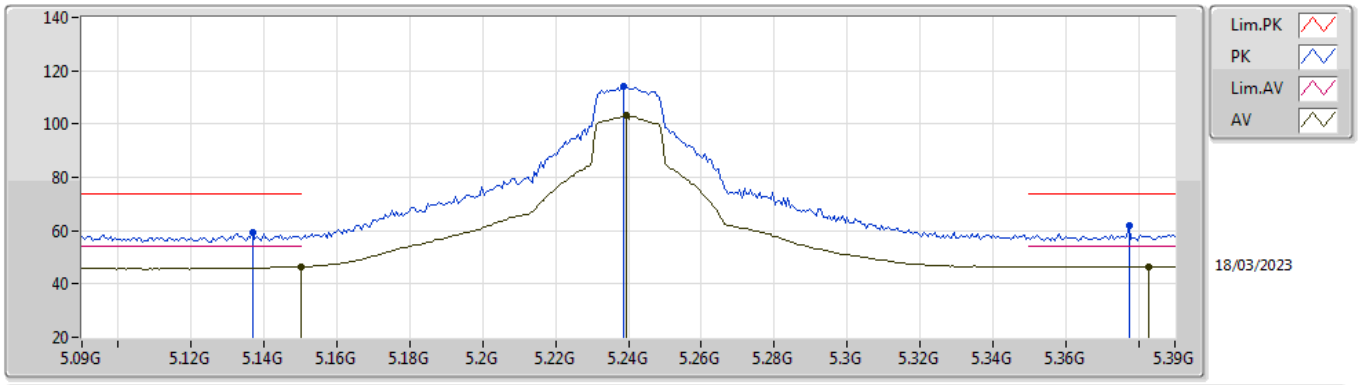


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.1248G	58.64	74.00	-15.36	50.06	3	Vertical	285	2.01	-	33.55	5.76	30.73
AV	5.1476G	46.38	54.00	-7.62	37.74	3	Vertical	285	2.01	-	33.60	5.77	30.73
PK	5.2394G	114.06	Inf	-Inf	105.27	3	Vertical	285	2.01	-	33.70	5.82	30.73
AV	5.2388G	102.77	Inf	-Inf	93.98	3	Vertical	285	2.01	-	33.70	5.82	30.73
PK	5.372G	59.15	74.00	-14.85	50.04	3	Vertical	285	2.01	-	33.94	5.89	30.72
AV	5.3528G	46.48	54.00	-7.52	37.41	3	Vertical	285	2.01	-	33.91	5.88	30.72

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

5240MHz_TX

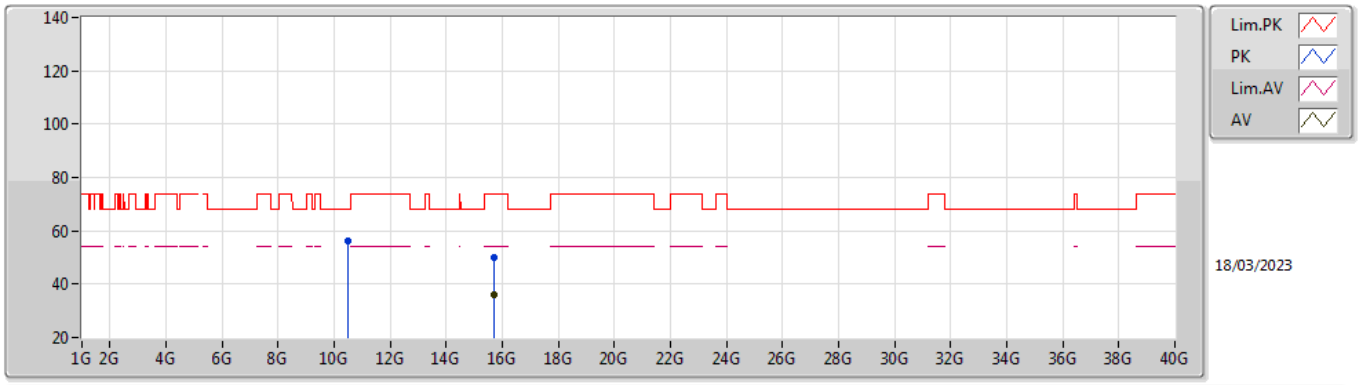


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.1368G	59.35	74.00	-14.65	50.74	3	Horizontal	319	2.10	-	33.57	5.77	30.73
AV	5.15G	46.46	54.00	-7.54	37.81	3	Horizontal	319	2.10	-	33.60	5.78	30.73
PK	5.2388G	114.07	Inf	-Inf	105.28	3	Horizontal	319	2.10	-	33.70	5.82	30.73
AV	5.2394G	103.03	Inf	-Inf	94.24	3	Horizontal	319	2.10	-	33.70	5.82	30.73
PK	5.3774G	61.70	74.00	-12.30	52.58	3	Horizontal	319	2.10	-	33.95	5.89	30.72
AV	5.3828G	46.42	54.00	-7.58	37.28	3	Horizontal	319	2.10	-	33.97	5.89	30.72

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

5240MHz_TX

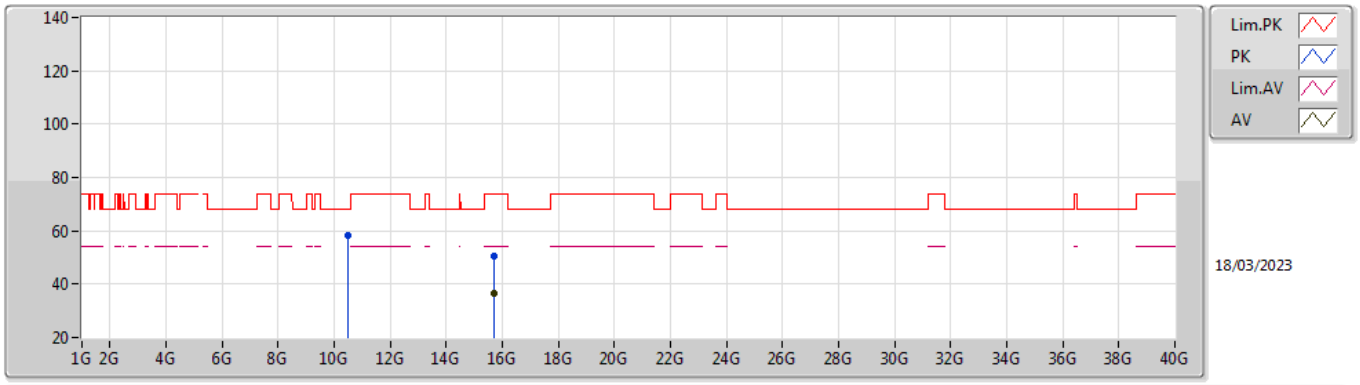


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4782G	56.14	68.20	-12.06	75.19	3	Vertical	26	2.35	-	38.60	8.47	66.12
PK	15.72752G	50.05	74.00	-23.95	66.66	3	Vertical	32	1.80	-	37.50	10.39	64.50
AV	15.7292G	35.98	54.00	-18.02	52.59	3	Vertical	32	1.80	-	37.50	10.39	64.50

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

5240MHz_TX

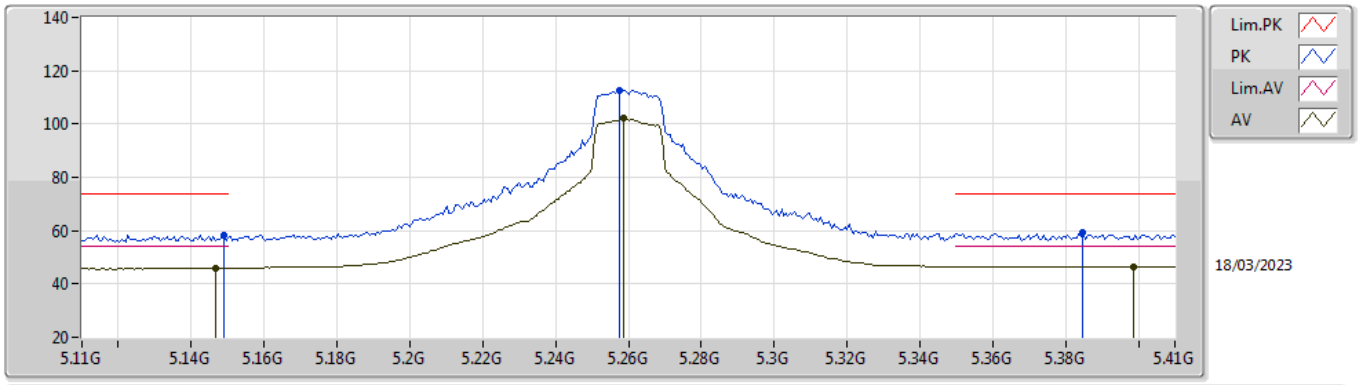


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4826G	58.03	68.20	-10.17	77.07	3	Horizontal	291	1.75	-	38.60	8.47	66.11
PK	15.72576G	50.53	74.00	-23.47	67.14	3	Horizontal	335	1.89	-	37.50	10.39	64.50
AV	15.72932G	36.59	54.00	-17.41	53.20	3	Horizontal	335	1.89	-	37.50	10.39	64.50

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

5260MHz_TX

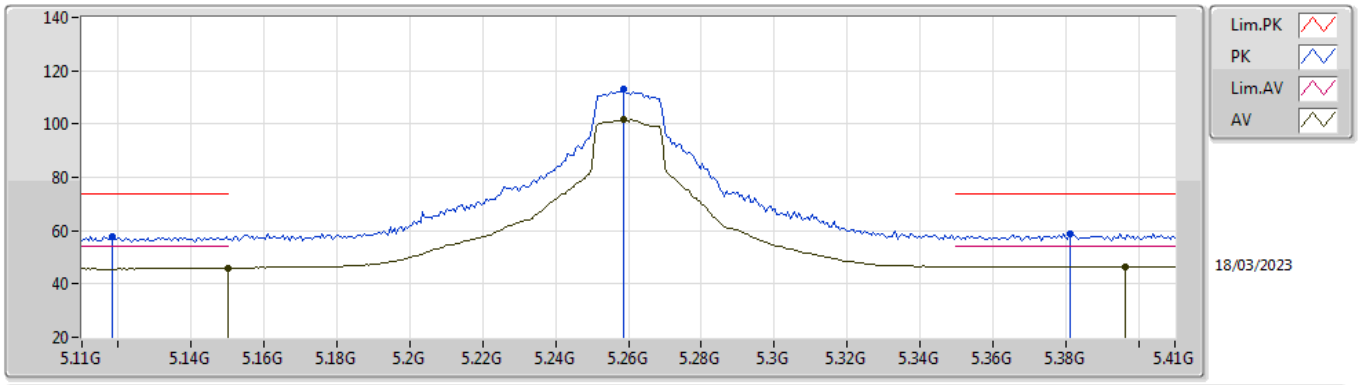


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.149G	58.37	74.00	-15.63	49.73	3	Vertical	286	2.12	-	33.60	5.77	30.73
AV	5.1466G	46.02	54.00	-7.98	37.39	3	Vertical	286	2.12	-	33.59	5.77	30.73
PK	5.2576G	112.56	Inf	-Inf	103.73	3	Vertical	286	2.12	-	33.72	5.83	30.72
AV	5.2588G	102.06	Inf	-Inf	93.23	3	Vertical	286	2.12	-	33.72	5.83	30.72
PK	5.3848G	59.07	74.00	-14.93	49.93	3	Vertical	286	2.12	-	33.97	5.89	30.72
AV	5.3986G	46.48	54.00	-7.52	37.30	3	Vertical	286	2.12	-	34.00	5.90	30.72

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

5260MHz_TX

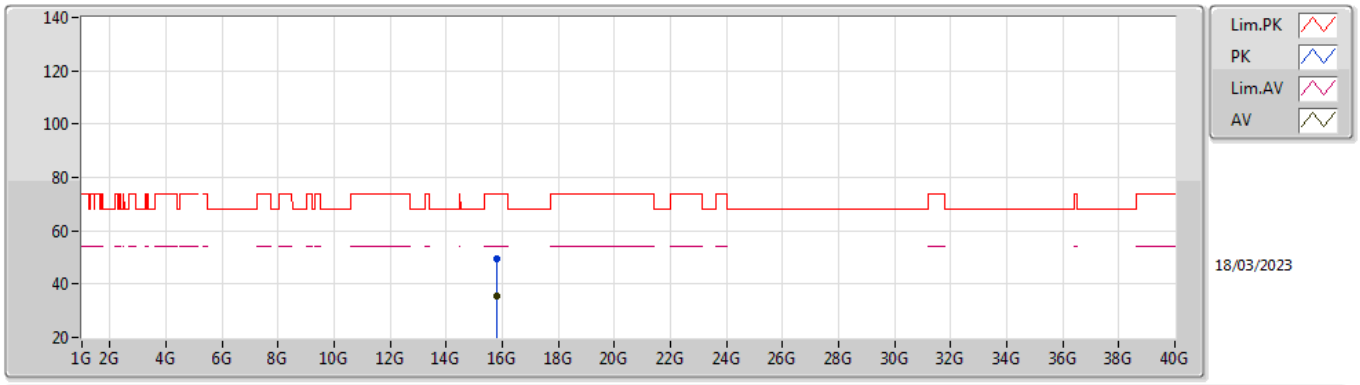


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.1184G	57.95	74.00	-16.05	49.38	3	Horizontal	316	2.05	-	33.54	5.76	30.73
AV	5.15G	46.12	54.00	-7.88	37.48	3	Horizontal	316	2.05	-	33.60	5.77	30.73
PK	5.2588G	112.88	Inf	-Inf	104.05	3	Horizontal	316	2.05	-	33.72	5.83	30.72
AV	5.2588G	101.83	Inf	-Inf	93.00	3	Horizontal	316	2.05	-	33.72	5.83	30.72
PK	5.3812G	58.75	74.00	-15.25	49.62	3	Horizontal	316	2.05	-	33.96	5.89	30.72
AV	5.3962G	46.53	54.00	-7.47	37.36	3	Horizontal	316	2.05	-	33.99	5.90	30.72

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

5260MHz_TX

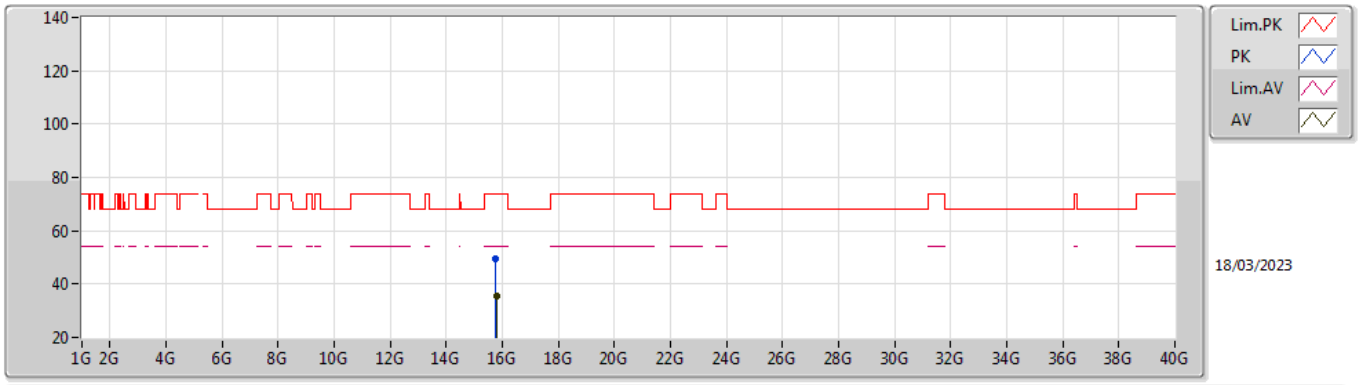


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.78008G	49.26	74.00	-24.74	65.85	3	Vertical	327	2.80	-	37.50	10.41	64.50
AV	15.78356G	35.70	54.00	-18.30	52.29	3	Vertical	327	2.80	-	37.50	10.41	64.50

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

5260MHz_TX

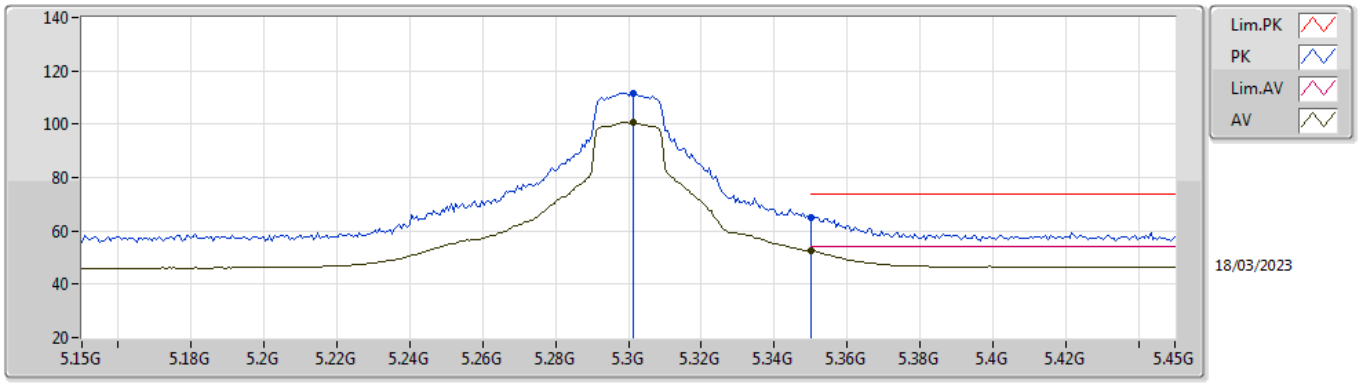


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.77264G	49.36	74.00	-24.64	65.95	3	Horizontal	332	2.50	-	37.50	10.41	64.50
AV	15.78992G	35.71	54.00	-18.29	52.29	3	Horizontal	332	2.50	-	37.50	10.42	64.50

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

5300MHz_TX

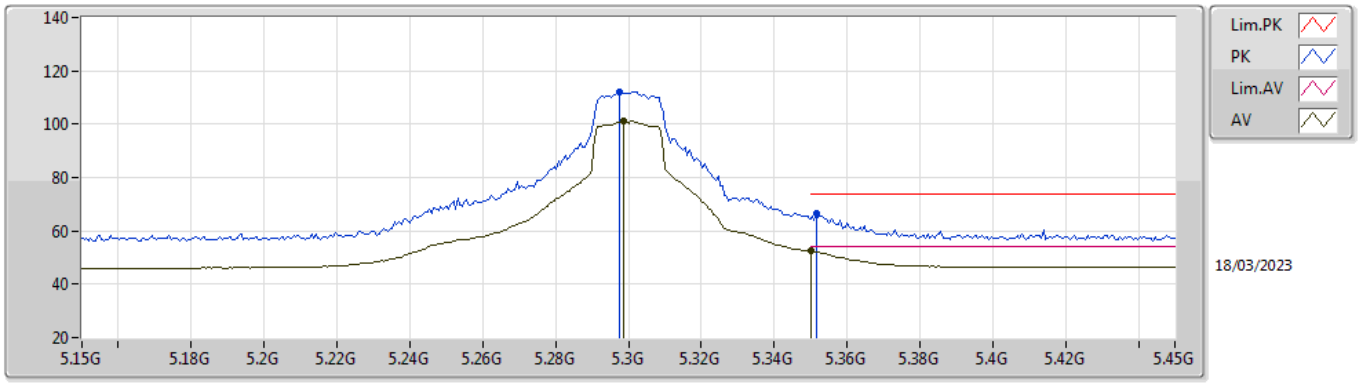


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.3012G	111.66	Inf	-Inf	102.73	3	Vertical	287	1.71	-	33.80	5.85	30.72
AV	5.3012G	100.88	Inf	-Inf	91.95	3	Vertical	287	1.71	-	33.80	5.85	30.72
PK	5.35G	65.21	74.00	-8.79	56.15	3	Vertical	287	1.71	-	33.90	5.88	30.72
AV	5.35G	52.66	54.00	-1.34	43.60	3	Vertical	287	1.71	-	33.90	5.88	30.72

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

5300MHz_TX

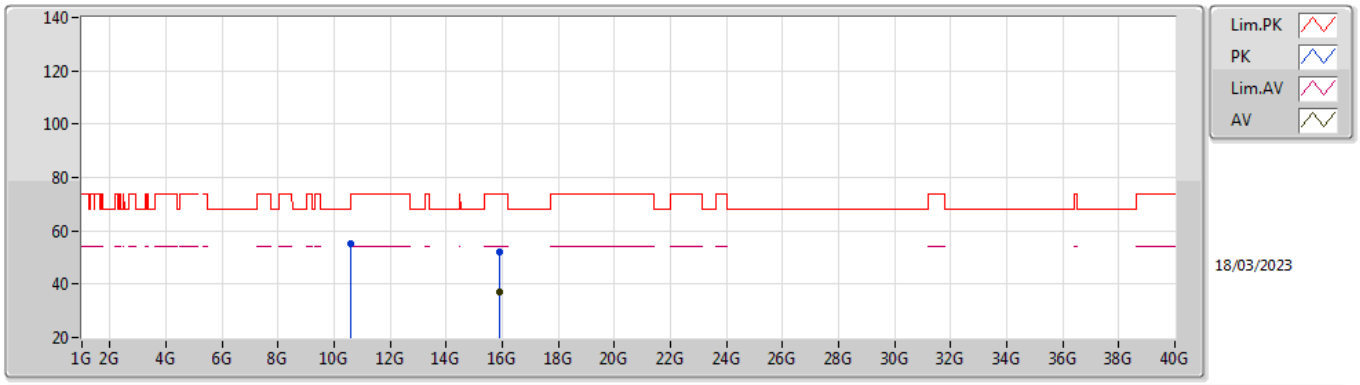


EUT Y_1TX
Setting 23
02-F-S-5-10

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	5.2976G	112.24	Inf	-Inf	103.31	3	Horizontal	322	2.16	-	33.80	5.85	30.72
AV	5.2988G	101.12	Inf	-Inf	92.19	3	Horizontal	322	2.16	-	33.80	5.85	30.72
PK	5.3516G	66.30	74.00	-7.70	57.24	3	Horizontal	322	2.16	-	33.90	5.88	30.72
AV	5.35G	52.44	54.00	-1.56	43.38	3	Horizontal	322	2.16	-	33.90	5.88	30.72

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

5300MHz_TX

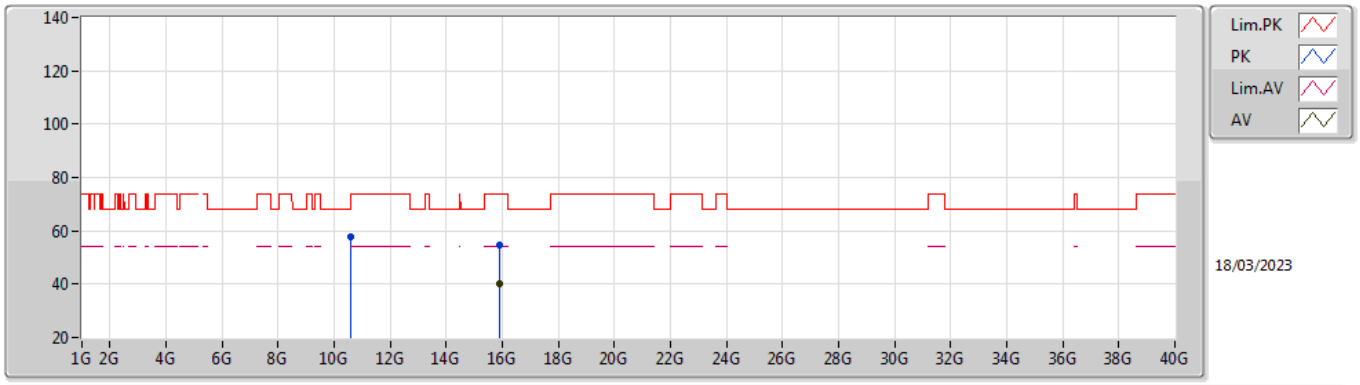


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59424G	55.09	68.20	-13.11	74.15	3	Vertical	29	2.07	-	38.51	8.51	66.08
PK	15.90344G	51.89	74.00	-22.11	68.63	3	Vertical	265	1.80	-	37.30	10.46	64.50
AV	15.90328G	37.30	54.00	-16.70	54.04	3	Vertical	265	1.80	-	37.30	10.46	64.50

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

5300MHz_TX

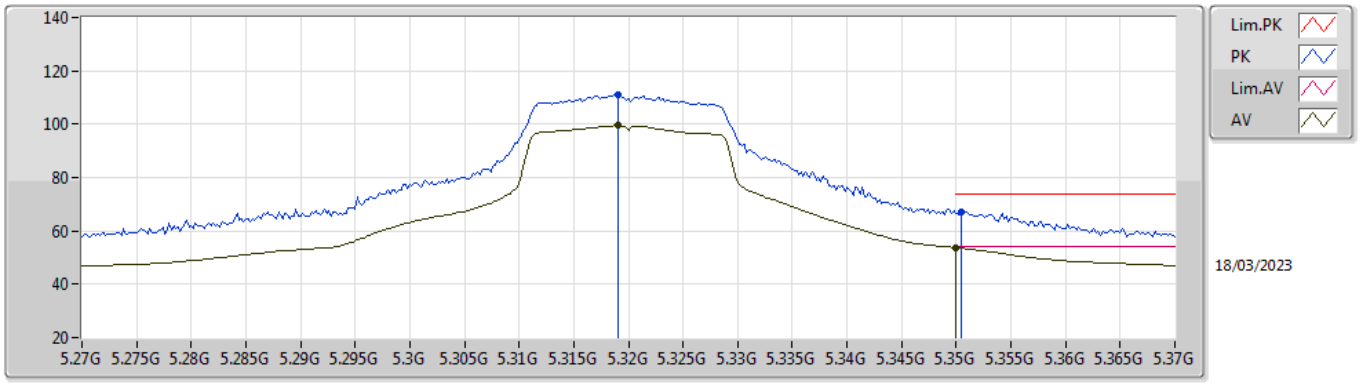


EUT Y_1TX
Setting 23
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60052G	57.95	74.00	-16.05	77.02	3	Horizontal	292	1.74	-	38.50	8.51	66.08
PK	15.90228G	54.48	74.00	-19.52	71.22	3	Horizontal	302	2.33	-	37.30	10.46	64.50
AV	15.90352G	40.21	54.00	-13.79	56.95	3	Horizontal	302	2.33	-	37.30	10.46	64.50

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

5320MHz_TX

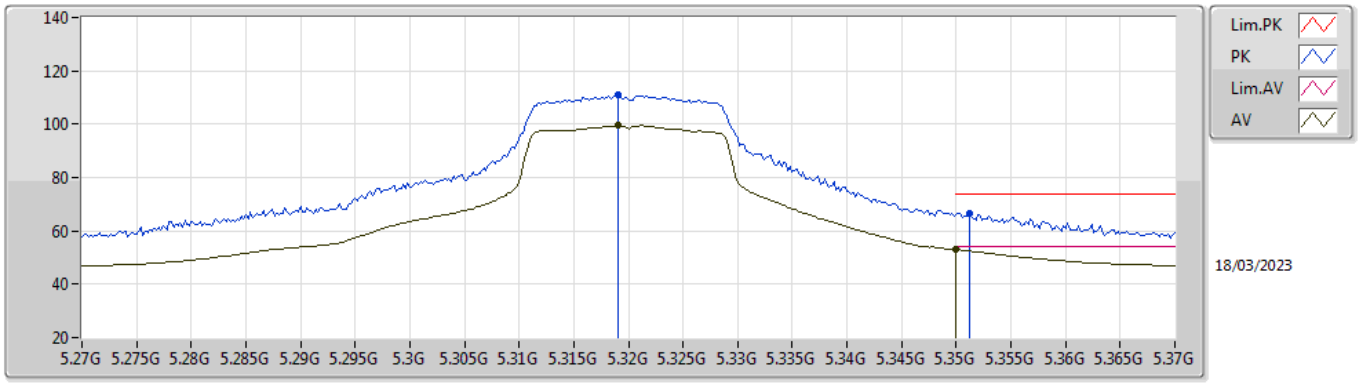


EUT Y_1TX
Setting 21
02-F-S-5-10

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	5.319G	111.14	Inf	-Inf	102.16	3	Vertical	286	2.18	-	33.84	5.86	30.72
AV	5.319G	99.56	Inf	-Inf	90.58	3	Vertical	286	2.18	-	33.84	5.86	30.72
PK	5.3504G	67.29	74.00	-6.71	58.23	3	Vertical	286	2.18	-	33.90	5.88	30.72
AV	5.35G	53.70	54.00	-0.30	44.64	3	Vertical	286	2.18	-	33.90	5.88	30.72

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

5320MHz_TX

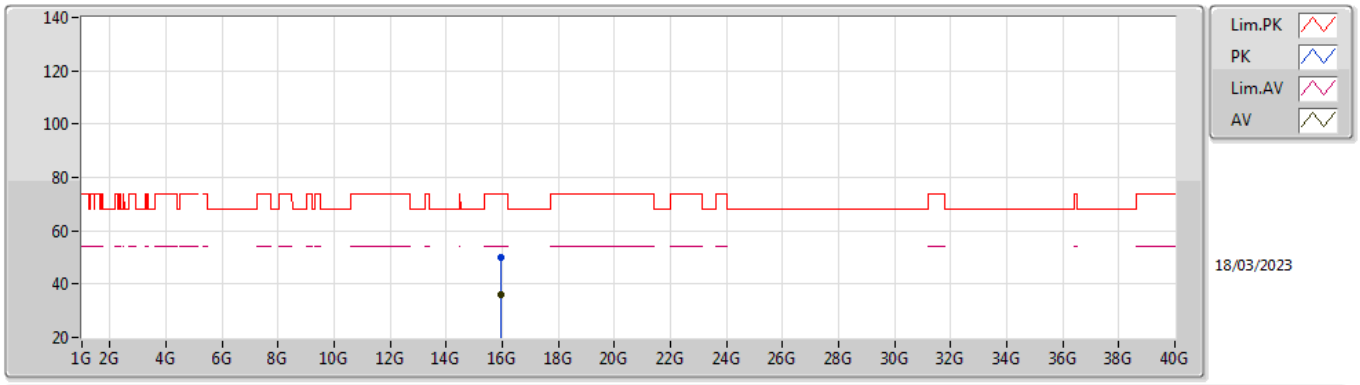


EUT Y_1TX
Setting 21
02-F-S-5-10

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	5.319G	111.25	Inf	-Inf	102.27	3	Horizontal	318	2.03	-	33.84	5.86	30.72
AV	5.319G	99.46	Inf	-Inf	90.48	3	Horizontal	318	2.03	-	33.84	5.86	30.72
PK	5.3512G	66.51	74.00	-7.49	57.45	3	Horizontal	318	2.03	-	33.90	5.88	30.72
AV	5.35G	52.90	54.00	-1.10	43.84	3	Horizontal	318	2.03	-	33.90	5.88	30.72

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

5320MHz_TX

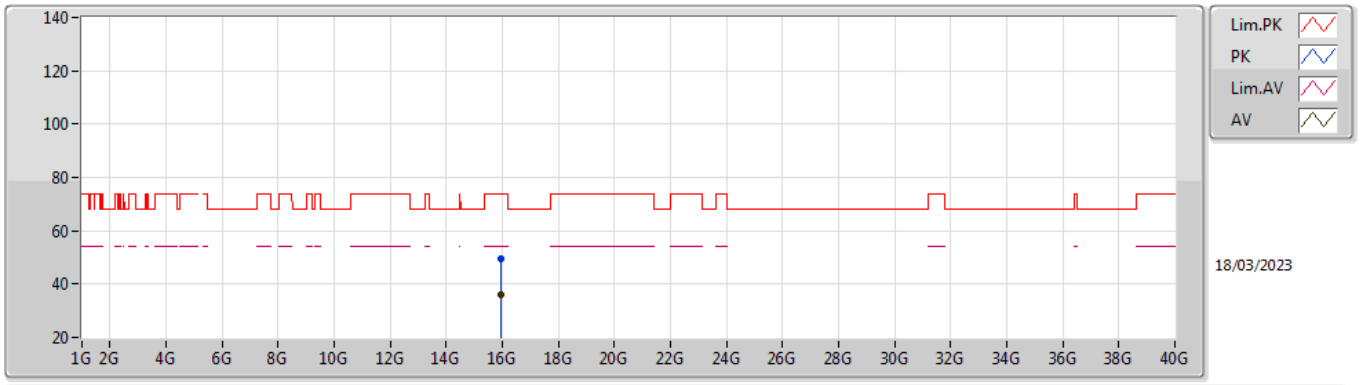


EUT Y_1TX
Setting 21
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.96604G	50.10	74.00	-23.90	66.81	3	Vertical	55	1.72	-	37.30	10.49	64.50
AV	15.95908G	36.04	54.00	-17.96	52.76	3	Vertical	55	1.72	-	37.30	10.48	64.50

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

5320MHz_TX

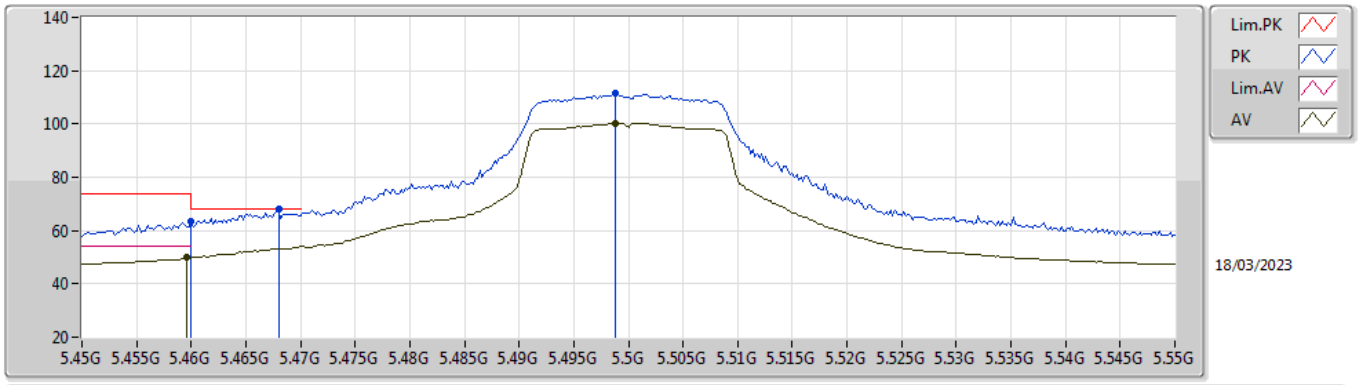


EUT Y_1TX
Setting 21
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.95824G	49.69	74.00	-24.31	66.41	3	Horizontal	147	1.19	-	37.30	10.48	64.50
AV	15.95904G	36.04	54.00	-17.96	52.76	3	Horizontal	147	1.19	-	37.30	10.48	64.50

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

5500MHz_TX



EUT Y_1TX
Setting 19.5
02-F-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	5.46G	63.36	74.00	-10.64	54.12	3	Vertical	287	1.80	-	34.00	5.96	30.72
AV	5.4596G	49.79	54.00	-4.21	40.55	3	Vertical	287	1.80	-	34.00	5.96	30.72
PK	5.468G	67.97	68.20	-0.23	58.72	3	Vertical	287	1.80	-	34.00	5.97	30.72
PK	5.4988G	111.59	Inf	-Inf	102.31	3	Vertical	287	1.80	-	34.00	6.00	30.72
AV	5.4988G	100.41	Inf	-Inf	91.13	3	Vertical	287	1.80	-	34.00	6.00	30.72