

FCC Radio Test Report

FCC ID : UXX-S5A440A
Contains FCC ID : UXX-2022EG060KNA
Equipment : Semi-ruggedized IoT Router
Brand Name : Ericsson
Model Name : S5A440A
Applicant : Ericsson Enterprise Solutions, Inc.
1100 W. Idaho St. Boise, ID 83702
Manufacturer : Ericsson Enterprise Solutions, Inc.
1100 W. Idaho St. Boise, ID 83702
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 20, 2024, and testing was started from Jul. 19, 2024 and completed on Aug. 06, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	8
1.3 Testing Location Information	8
1.4 Measurement Uncertainty	8
2 TEST CONFIGURATION OF EUT.....	9
2.1 Test Channel Mode	9
2.2 The Worst Case Measurement Configuration.....	11
2.3 Accessories	12
2.4 Support Equipment.....	12
2.5 Test Setup Diagram	13
3 TRANSMITTER TEST RESULT	15
3.1 AC Power-line Conducted Emissions	15
3.2 Emission Bandwidth	17
3.3 Maximum Conducted Output Power	18
3.4 Peak Power Spectral Density.....	20
3.5 Unwanted Emissions.....	22
4 TEST EQUIPMENT AND CALIBRATION DATA.....	26
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	

History of this test report

[illegible]



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 Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Terry Chang

Report Producer: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

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

Dipole Antenna

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.725-5.85GHz	802.11ac VHT80	80	1TX

Monopole Antenna

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	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, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	WNC	170836-000	Dipole	Reverse SMA	2.4G+5G+BT
2	Ericsson	CP01	Monopole	Reverse SMA	2.4G+5G+BT
3	Ericsson	170704-002	Dipole	Reverse SMA	4G
4	Ericsson	170704-002	Dipole	Reverse SMA	4G
5	Ericsson	170704-002	Dipole	Reverse SMA	GPS

Ant.	Port	Gain (dBi)					
		2.4G	5G Band 1	5G Band 2	5G Band 3	5G Band 4	BT
1	1	2.47	2.18	2.19	2.14	2.47	2.47
2	2	5.71	4.4	4.63	5.6	5.19	5.71

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) could transmit/receive.

For 5GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) could transmit/receive.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 (port 1) or Ant. 2 (port 2) could transmit/receive.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☐ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Dipole Antenna

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.957	0.19	2.031m	1k
802.11ac VHT20_Nss1,(MCS0)_1TX	0.957	0.19	1.903m	1k
802.11ac VHT40_Nss1,(MCS0)_1TX	0.916	0.38	940.625u	3k
802.11ac VHT80_Nss1,(MCS0)_1TX	0.843	0.74	459.375u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Monopole Antenna

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.957	0.19	2.031m	1k
802.11ac VHT20_Nss1,(MCS0)_1TX	0.957	0.19	1.903m	1k
802.11ac VHT40_Nss1,(MCS0)_1TX	0.916	0.38	940.625u	3k
802.11ac VHT80_Nss1,(MCS0)_1TX	0.843	0.74	459.375u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Multiple Listing

Items	component	SKU list																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Power Supply	Adapter (24W)	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-
	Adapter (36W)	-	-	-	-	-	-	X	X	X	X	X	X	-	-	-	-	-	-
	PoE (PHIHONG)	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X
Module	DB9/Serial Expansion Module	X	-	-	X	-	-	X	-	-	X	-	-	X	-	-	X	-	-
	Dual Ethernet Expansion Module	-	X	-	-	X	-	-	X	-	-	X	-	-	X	-	-	X	-
	GPIO Expansion Module	-	-	X	-	-	X	-	-	X	-	-	X	-	-	X	-	-	X
Bracket	Bracket (Ceiling bracket)	X	X	X	-	-	-	X	X	X	-	-	-	X	X	X	-	-	-
	Bracket (DIN Rail)	-	-	-	X	X	X	-	-	-	X	X	X	-	-	-	X	X	X

From the above SKUs, SKU 8 was selected as representative SKU for the test and its data was recorded in this report.

1.2 Testing Applied 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
- ♦ KDB 789033 D02 v02r01

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

- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Wayne Chiu	21.4~21.9℃ / 54~56%	30/Jul/2024
RF Conducted	TH01-HY	Sonic Li	23.1~23.7℃ / 52~55%	26/Jul/2024~29/Jul/2024
Radiated	03CH02-HY	Vasari Huang	22.2~24.1℃ / 51~55%	19/Jul/2024~26/Jul/2024
Radiated (Co-location)	03CH02-HY	Vasari Huang	23.6~23.5℃ / 55~58%	06/Aug/2024

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00099.1
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Dipole Antenna

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11ac VHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11ac VHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11ac VHT80_Nss1,(MCS0)_1TX
5210MHz
5775MHz

**Monopole Antenna**

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11ac VHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11ac VHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11ac VHT80_Nss1,(MCS0)_1TX
5210MHz
5775MHz
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter Mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter Mode ; Dipole Antenna		
2	Adapter Mode ; Monopole Antenna		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Dipole Antenna)		V (Monopole Antenna)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Wi-Fi (2.4GHz) + Bluetooth + WWAN (4G)
2	Wi-Fi (5GHz) + Bluetooth + WWAN (4G)
Refer to Sporton Test Report No.: FA441838-02 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Adapter 1 (24W)	Brand Name	APD	Model Name	WB-24M12R
	Power Rating	I/P: 100 - 240Vac, 0.7A, O/P: 12Vdc, 2A		
	Power Cord	1.45 meter, non-shielded cable, w/o ferrite core		
AC Adapter 2 (36W)	Brand Name	APD	Model Name	WA-36N12R
	Power Rating	I/P: 100 - 240Vac, 0.9A, O/P: 12Vdc, 3A		
	Power Cord	1.45 meter, non-shielded cable, w/o ferrite core		
PoE	Brand Name	PHIHONG	Model Name	POE15M-AFA
	Power Rating	I/P: 100-240Vac, 0.8A, O/P: 56Vdc, 0.275A		
Ceiling Bracket	Brand Name	Ericsson	Model Name	170920-000
DIN Rail	Brand Name	Ericsson	Model Name	170904-001
DB9/Serial Expansion Module	Brand Name	Ericsson	Model Name	MC20-SRL
Dual Ethernet Expansion Module	Brand Name	Ericsson	Model Name	MC20-ETH
GPIO Expansion Module	Brand Name	Ericsson	Model Name	MC20-GPO
WLAN ANT 1 (Dipole)	Brand Name	WNC	Model Name	170836-000
WLAN ANT 2 (Monopole)	Brand Name	Ericsson	Model Name	CP01
LTE ANT	Brand Name	Ericsson	Model Name	170704-002

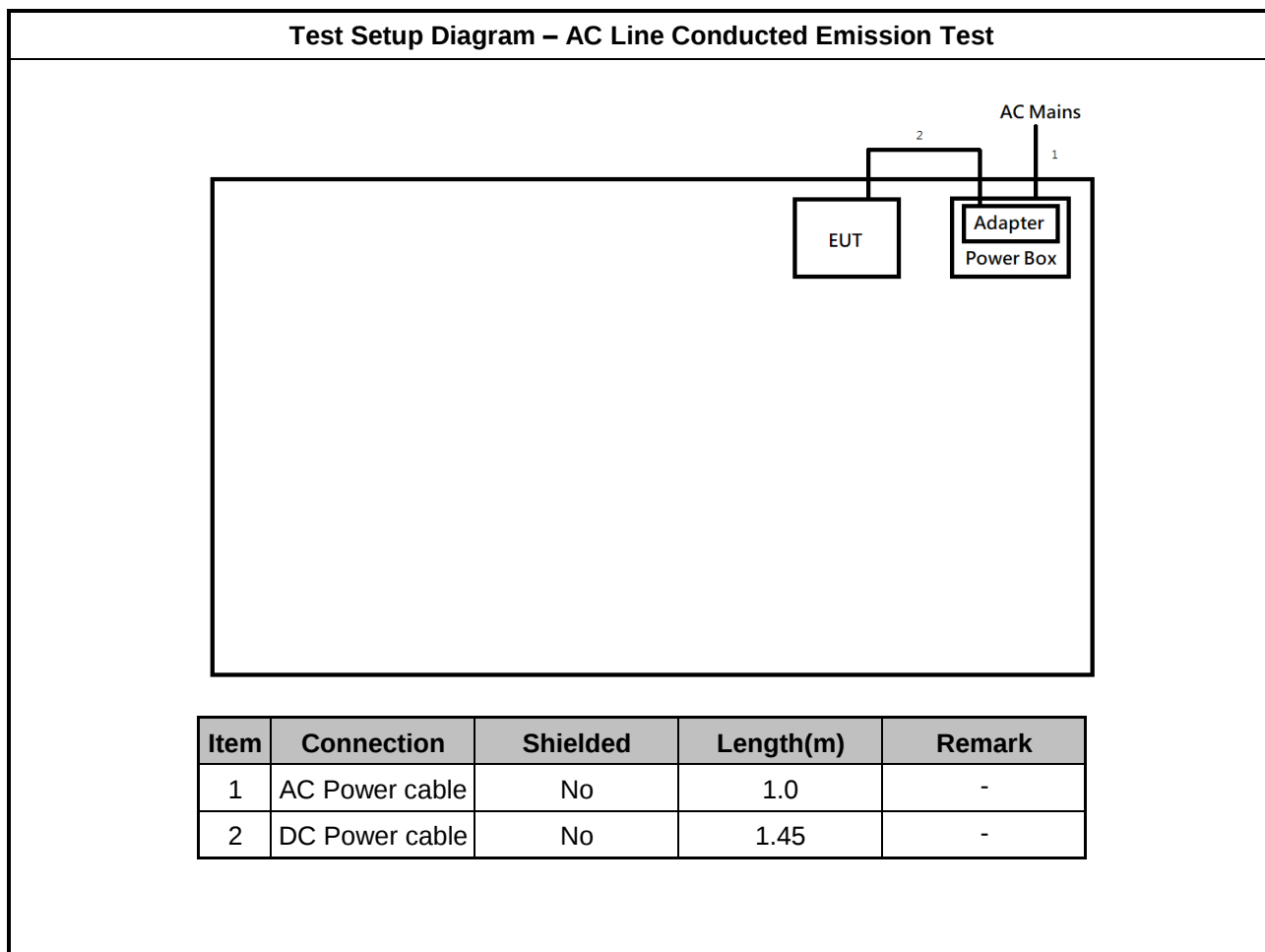
Reminder: Regarding to more detail and other information, please refer to user manual.

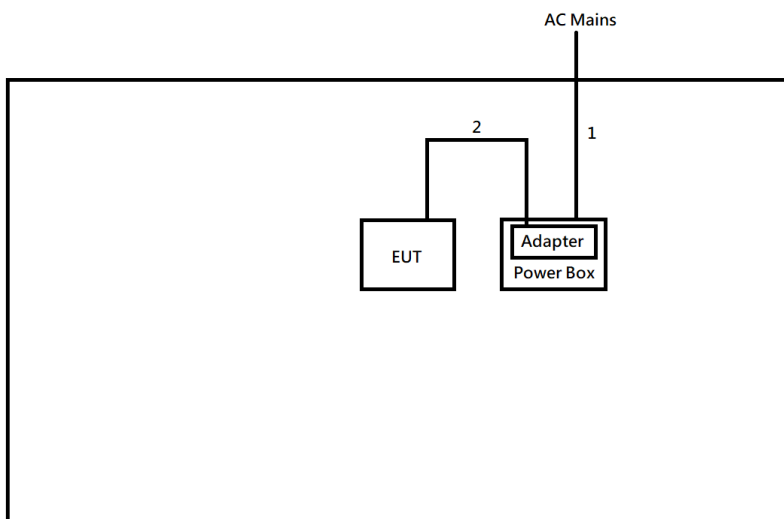
2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

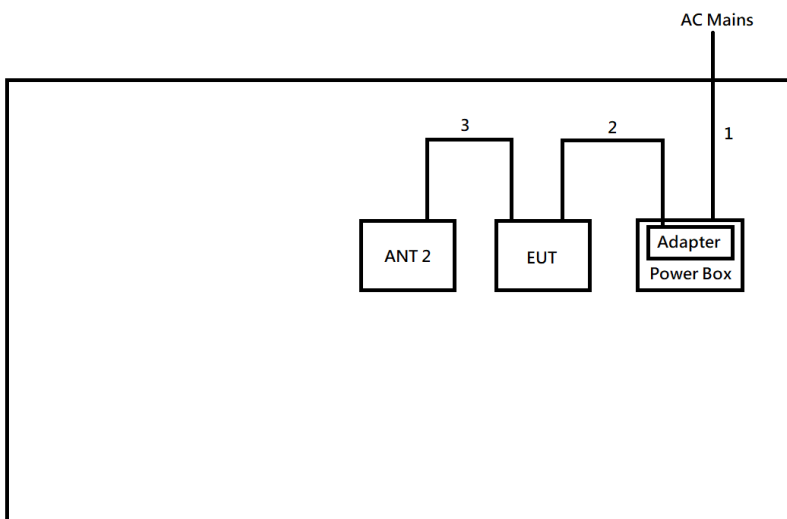
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	SIM Card for WWAN	R&S	eSIM	-	-
2	WIDEBAND ADIO COMMUNICATION TESTER	R&S	CMW 500	-	Remote

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test (Dipole Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.45	-

Test Setup Diagram - Radiated Test (Monopole Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.45	-
3	ANT cable	No	1.7	-

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

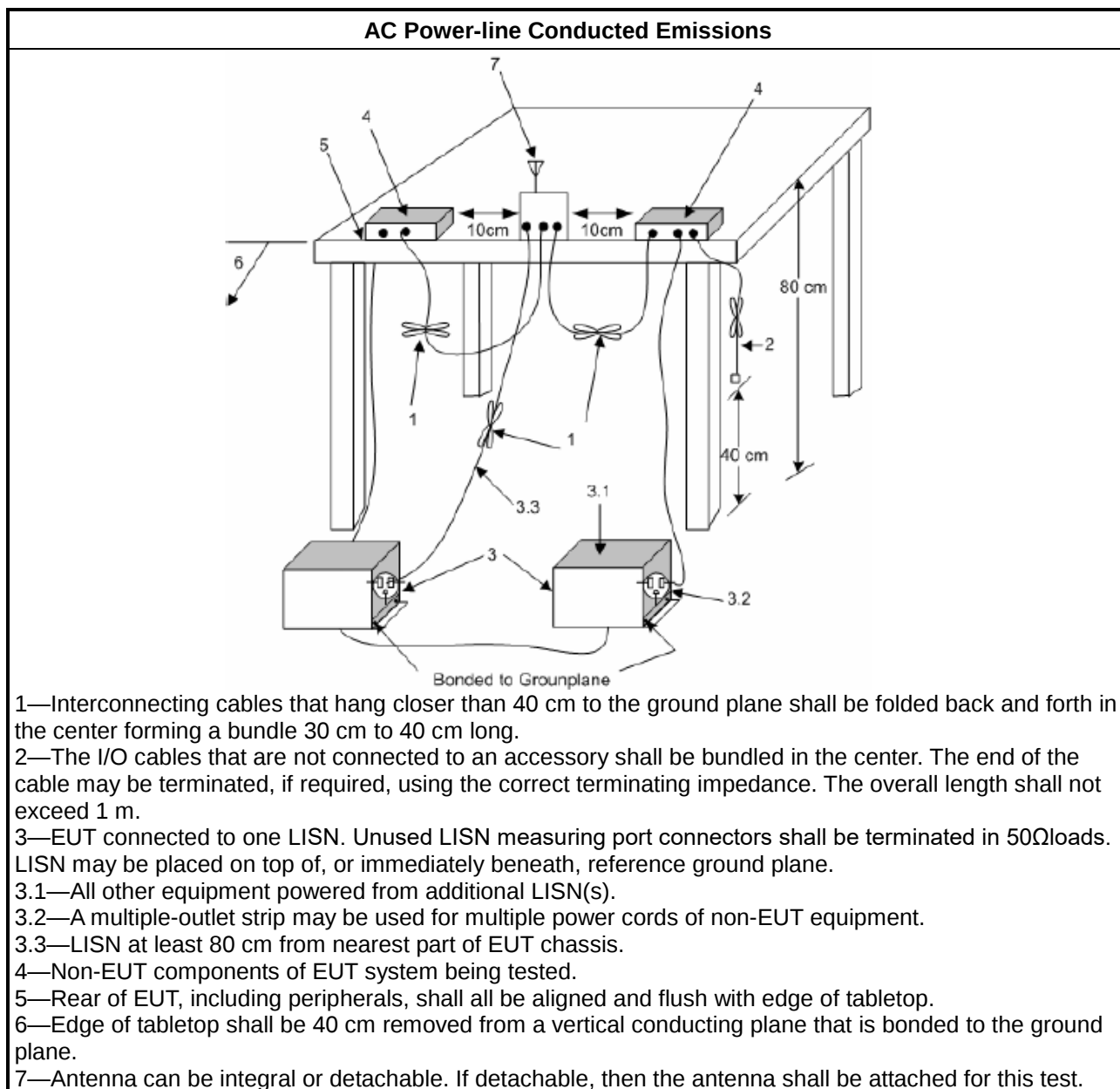
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



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, N/A
☐	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

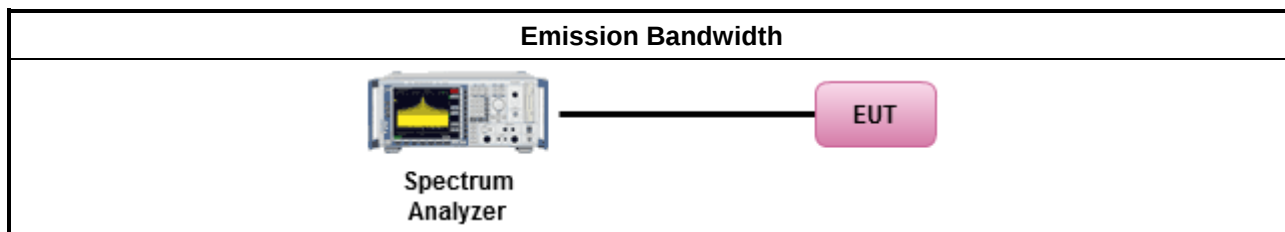
3.2.2 Measuring Instruments

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 KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted 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 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 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 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 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 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 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 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 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

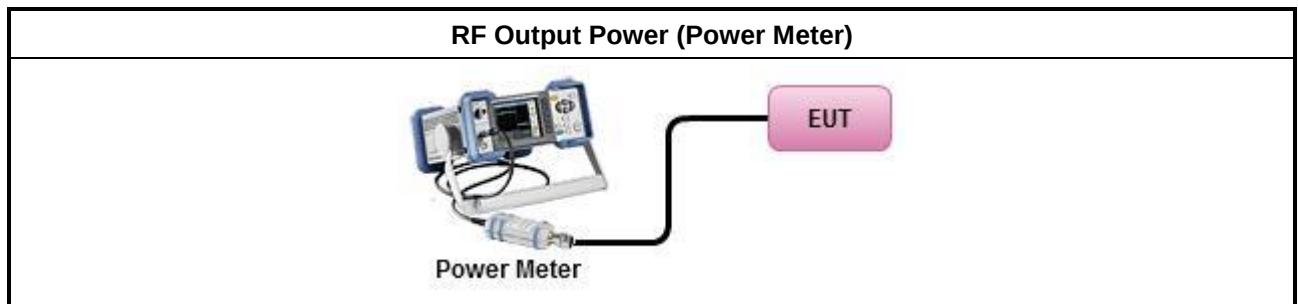
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, 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 KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density 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 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 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 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.
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.	

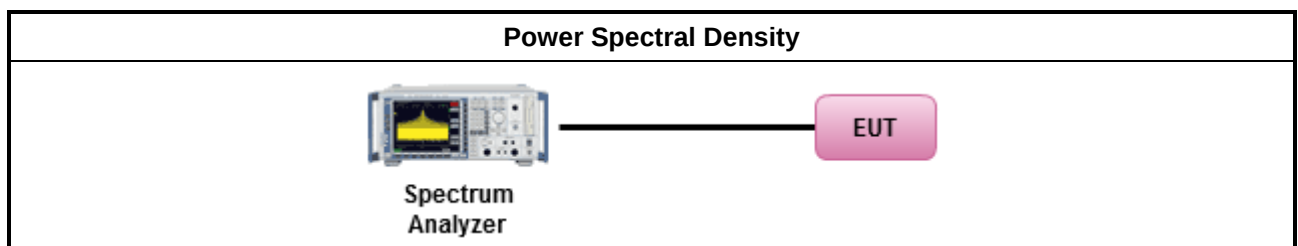
3.4.2 Measuring Instruments

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 KDB 789033, 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%	
☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☒ Refer as KDB 789033, 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:	
- Measure and sum the spectra across the outputs. Refer as 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.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated 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	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

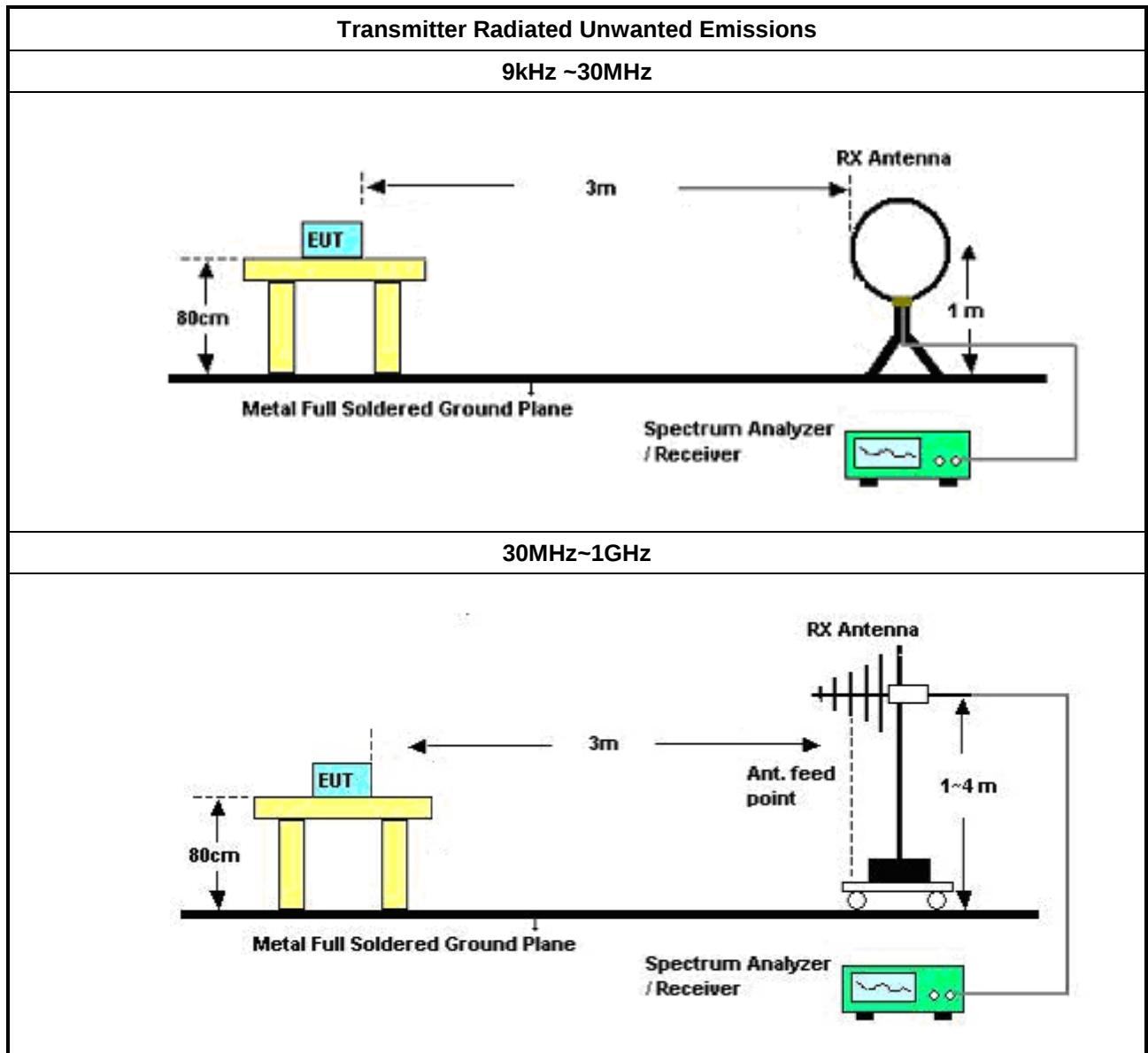
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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 $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (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.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

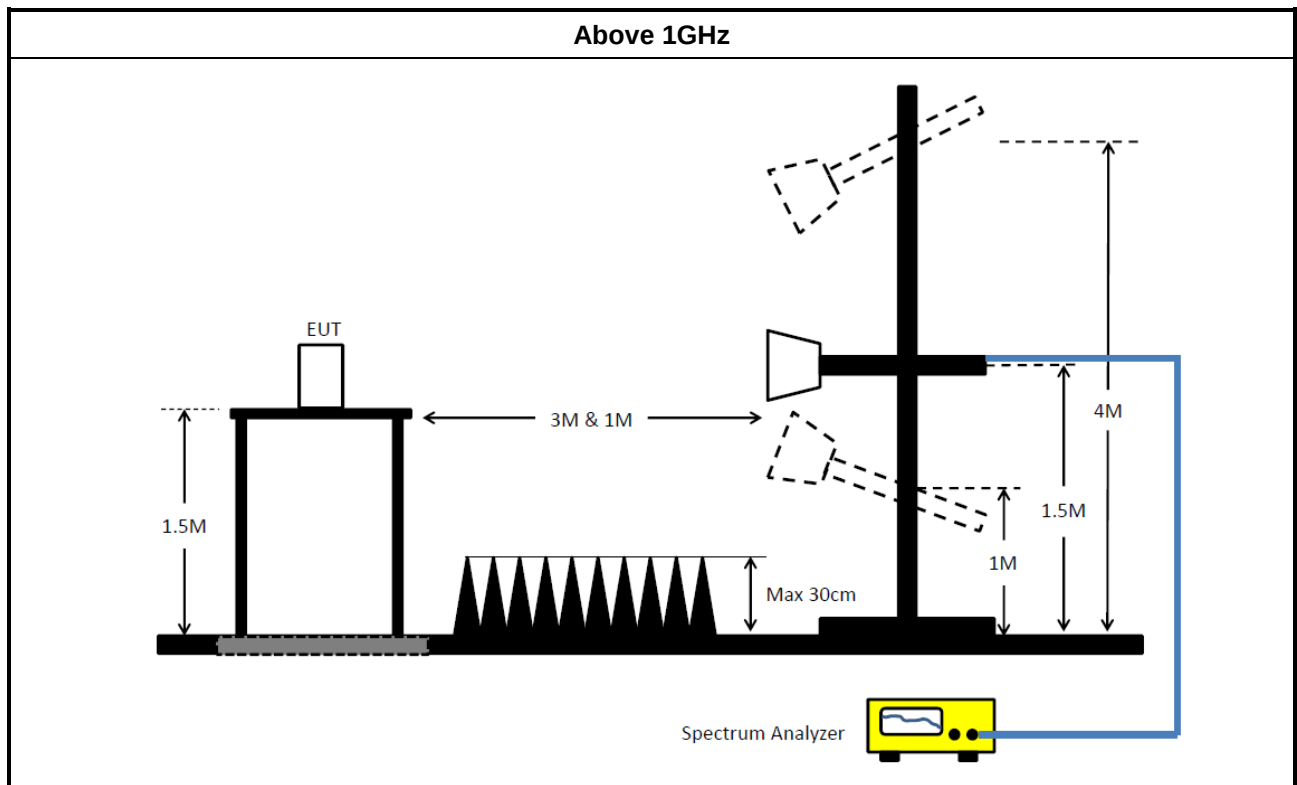
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	R&S	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	29/Jul/2023	28/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	27/Aug/2023	26/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	19/Dec/2023	18/Dec/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	19/Dec/2023	18/Dec/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2024	28/Jun/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	24/Oct/2023	23/Oct/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

**Instrument for Radiated Test (Co-location)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Preamplifier	SGH	PRAMP 118-HS	202300913-2	1GHz~18GHz	18/Jan/2024	17/Jan/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	15/Apr/2024	14/Apr/2025
WIDEBAND ADIO COMMUNICATION TESTER	R&S	CMW 500	141962	N/A	02/Nov/2023	01/Nov/2024
SENSE-EMI	Sporton	V5.11.8	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	09/Apr/2024	08/Apr/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	17/Feb/2024	16/Feb/2025
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	17/Feb/2024	16/Feb/2025
SENSE-15407_NII	Sporton	V5.11.19	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

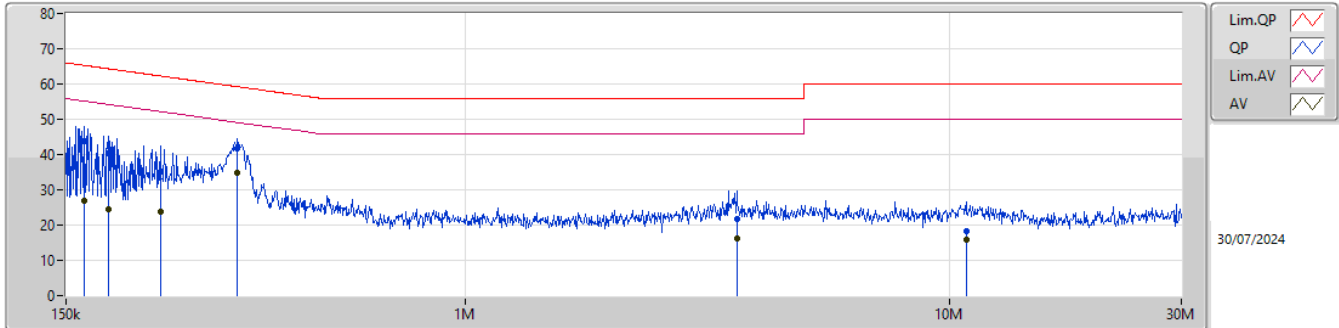
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	338.664k	34.92	49.23	-14.31	Line

Result

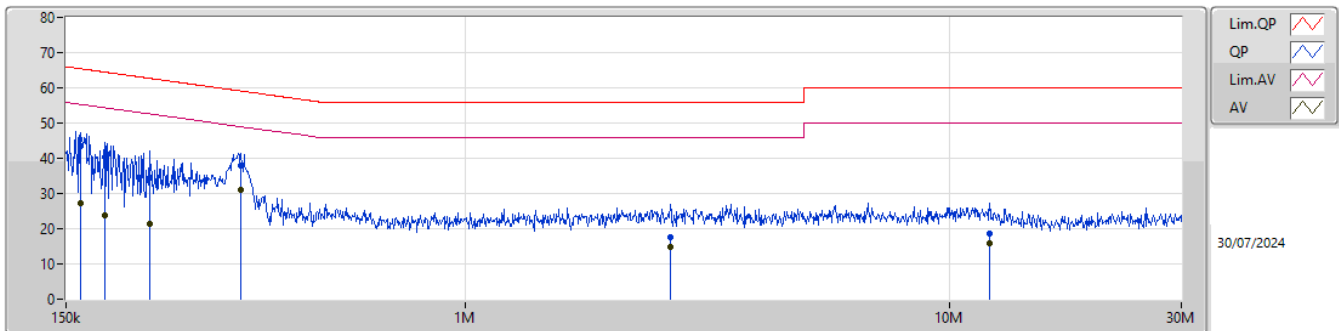
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	163.117k	43.67	65.31	-21.64	Line	-
Mode 1	Pass	AV	163.117k	26.75	55.31	-28.56	Line	-
Mode 1	Pass	QP	183.137k	40.48	64.34	-23.86	Line	-
Mode 1	Pass	AV	183.137k	24.54	54.34	-29.80	Line	-
Mode 1	Pass	QP	234.567k	35.29	62.29	-27.00	Line	-
Mode 1	Pass	AV	234.567k	23.63	52.29	-28.66	Line	-
Mode 1	Pass	QP	338.664k	41.59	59.23	-17.64	Line	-
Mode 1	Pass	AV	338.664k	34.92	49.23	-14.31	Line	-
Mode 1	Pass	QP	3.627M	21.56	56.00	-34.44	Line	-
Mode 1	Pass	AV	3.627M	16.32	46.00	-29.68	Line	-
Mode 1	Pass	QP	10.787M	18.20	60.00	-41.80	Line	-
Mode 1	Pass	AV	10.787M	15.86	50.00	-34.14	Line	-
Mode 1	Pass	QP	161.175k	43.40	65.41	-22.01	Neutral	-
Mode 1	Pass	AV	161.175k	27.21	55.41	-28.20	Neutral	-
Mode 1	Pass	QP	180.236k	40.49	64.47	-23.98	Neutral	-
Mode 1	Pass	AV	180.236k	23.83	54.47	-30.64	Neutral	-
Mode 1	Pass	QP	222.704k	34.38	62.71	-28.33	Neutral	-
Mode 1	Pass	AV	222.704k	21.42	52.71	-31.29	Neutral	-
Mode 1	Pass	QP	344.115k	38.06	59.10	-21.04	Neutral	-
Mode 1	Pass	AV	344.115k	31.05	49.10	-18.05	Neutral	-
Mode 1	Pass	QP	2.646M	17.64	56.00	-38.36	Neutral	-
Mode 1	Pass	AV	2.646M	14.95	46.00	-31.05	Neutral	-
Mode 1	Pass	QP	12.063M	18.45	60.00	-41.55	Neutral	-
Mode 1	Pass	AV	12.063M	15.94	50.00	-34.06	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.117k	43.67	65.31	-21.64	19.47	Line	-	24.20	9.66	0.07	9.74						
AV	163.117k	26.75	55.31	-28.56	19.47	Line	-	7.28	9.66	0.07	9.74						
QP	183.137k	40.48	64.34	-23.86	19.43	Line	-	21.05	9.65	0.08	9.70						
AV	183.137k	24.54	54.34	-29.80	19.43	Line	-	5.11	9.65	0.08	9.70						
QP	234.567k	35.29	62.29	-27.00	19.45	Line	-	15.84	9.65	0.10	9.70						
AV	234.567k	23.63	52.29	-28.66	19.45	Line	-	4.18	9.65	0.10	9.70						
QP	338.664k	41.59	59.23	-17.64	19.50	Line	-	22.09	9.65	0.11	9.74						
AV	338.664k	34.92	49.23	-14.31	19.50	Line	-	15.42	9.65	0.11	9.74						
QP	3.627M	21.56	56.00	-34.44	19.56	Line	-	2.00	9.69	0.08	9.79						
AV	3.627M	16.32	46.00	-29.68	19.56	Line	-	-3.24	9.69	0.08	9.79						
QP	10.787M	18.20	60.00	-41.80	19.57	Line	-	-1.37	9.71	0.06	9.80						
AV	10.787M	15.86	50.00	-34.14	19.57	Line	-	-3.71	9.71	0.06	9.80						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	161.175k	43.40	65.41	-22.01	19.41	Neutral	-	23.99	9.60	0.07	9.74						
AV	161.175k	27.21	55.41	-28.20	19.41	Neutral	-	7.80	9.60	0.07	9.74						
QP	180.236k	40.49	64.47	-23.98	19.39	Neutral	-	21.10	9.60	0.08	9.71						
AV	180.236k	23.83	54.47	-30.64	19.39	Neutral	-	4.44	9.60	0.08	9.71						
QP	222.704k	34.38	62.71	-28.33	19.38	Neutral	-	15.00	9.60	0.09	9.69						
AV	222.704k	21.42	52.71	-31.29	19.38	Neutral	-	2.04	9.60	0.09	9.69						
QP	344.115k	38.06	59.10	-21.04	19.45	Neutral	-	18.61	9.60	0.11	9.74						
AV	344.115k	31.05	49.10	-18.05	19.45	Neutral	-	11.60	9.60	0.11	9.74						
QP	2.646M	17.64	56.00	-38.36	19.50	Neutral	-	-1.86	9.61	0.09	9.80						
AV	2.646M	14.95	46.00	-31.05	19.50	Neutral	-	-4.55	9.61	0.09	9.80						
QP	12.063M	18.45	60.00	-41.55	19.54	Neutral	-	-1.09	9.66	0.07	9.81						
AV	12.063M	15.94	50.00	-34.06	19.54	Neutral	-	-3.60	9.66	0.07	9.81						

**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	36.85M	21.263M	21M3D1D	24.585M	16.426M
802.11ac VHT20_Nss1,(MCS0)_1TX	39.49M	22.739M	22M7D1D	26.18M	17.566M
802.11ac VHT40_Nss1,(MCS0)_1TX	79.09M	37.531M	37M5D1D	39.27M	35.882M
802.11ac VHT80_Nss1,(MCS0)_1TX	84.26M	75.162M	75M2D1D	84.26M	75.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.335M	18.933M	18M9D1D	13.475M	16.646M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.325M	19.415M	19M4D1D	16.555M	17.666M
802.11ac VHT40_Nss1,(MCS0)_1TX	30.91M	37.931M	37M9D1D	26.07M	37.081M
802.11ac VHT80_Nss1,(MCS0)_1TX	63.58M	78.261M	78M3D1D	63.58M	78.261M

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	24.585M	16.426M
5200MHz	Pass	Inf	36.85M	21.263M
5240MHz	Pass	Inf	34.87M	18.735M
5745MHz	Pass	500k	16.335M	16.646M
5785MHz	Pass	500k	14.465M	18.405M
5825MHz	Pass	500k	13.475M	18.933M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	26.18M	17.566M
5200MHz	Pass	Inf	39.49M	22.739M
5240MHz	Pass	Inf	35.09M	18.916M
5745MHz	Pass	500k	16.555M	17.666M
5785MHz	Pass	500k	17.325M	18.016M
5825MHz	Pass	500k	16.775M	19.415M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	39.27M	35.882M
5230MHz	Pass	Inf	79.09M	37.531M
5755MHz	Pass	500k	30.91M	37.081M
5795MHz	Pass	500k	26.07M	37.931M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	84.26M	75.162M
5775MHz	Pass	500k	63.58M	78.261M

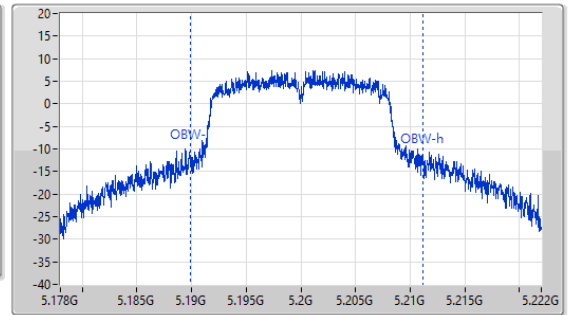
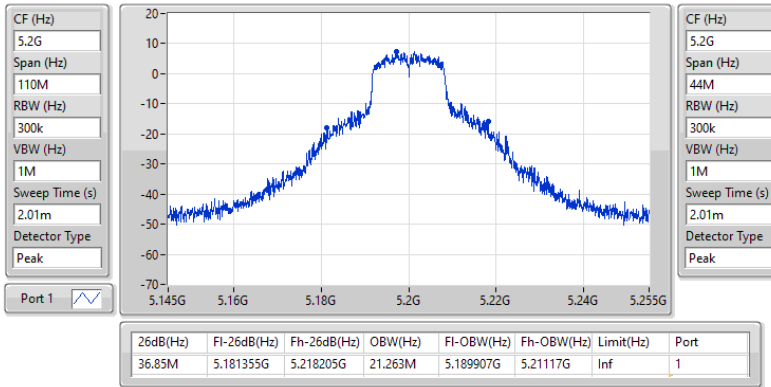
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5200MHz

29/07/2024

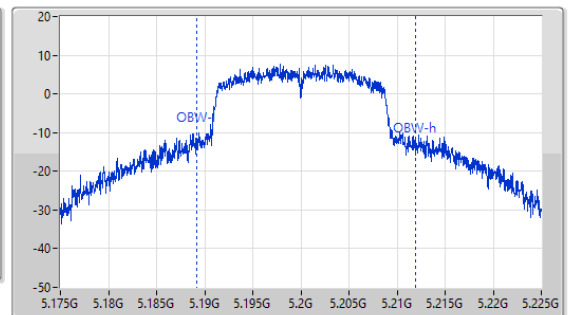
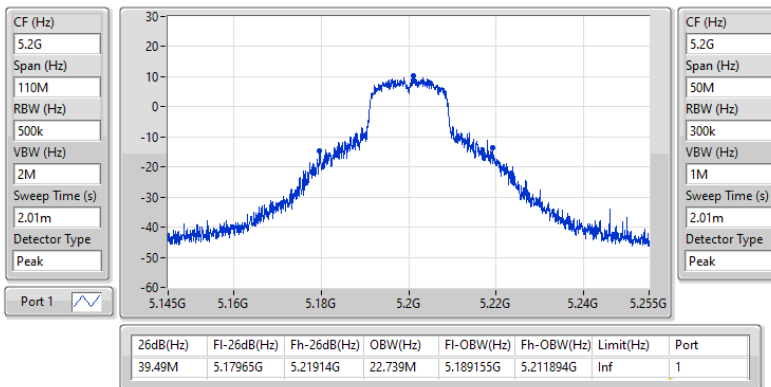


5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

29/07/2024

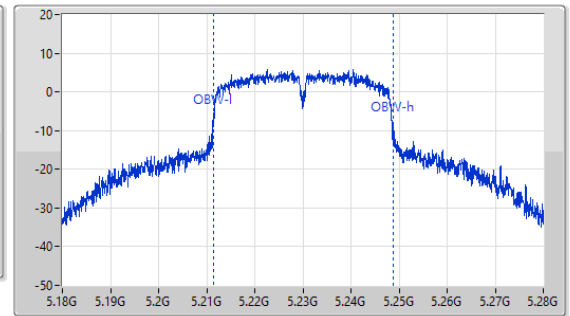
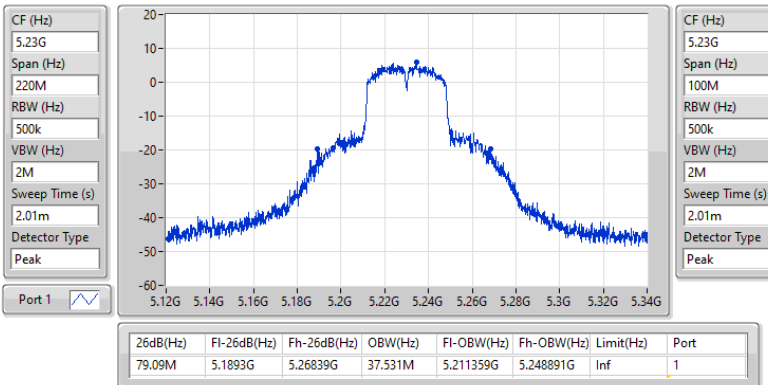


5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

29/07/2024

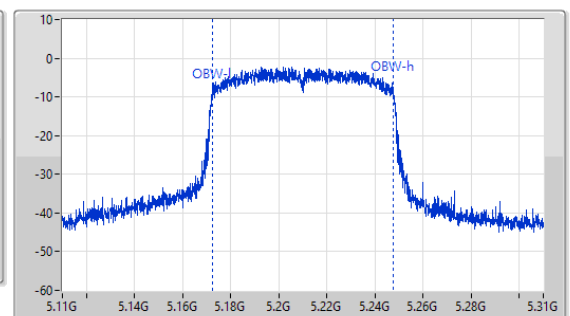
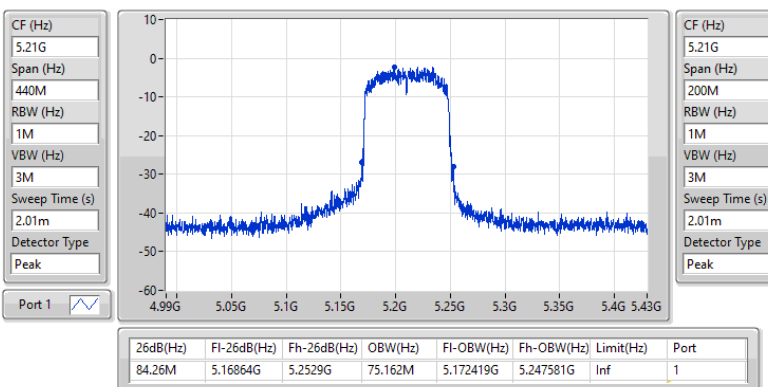


5.15-5.25GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

29/07/2024

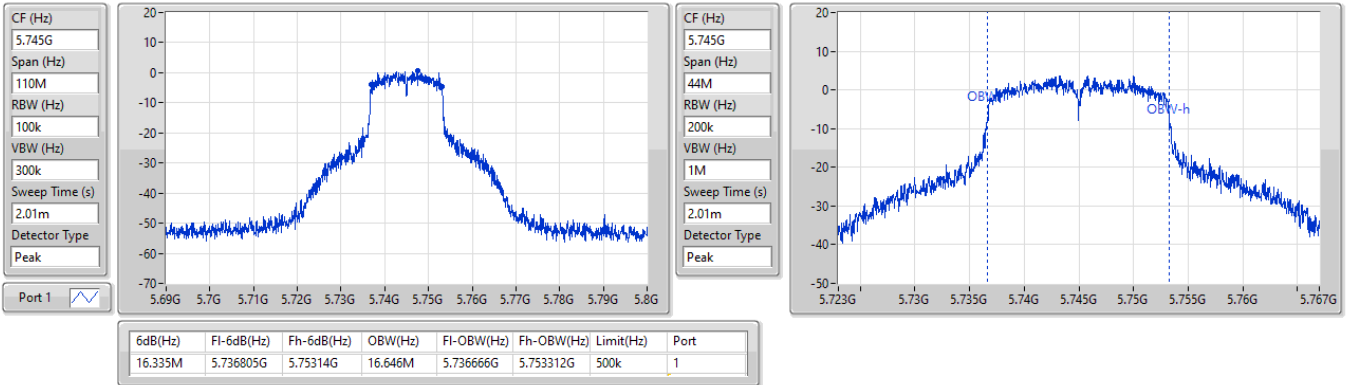


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

29/07/2024

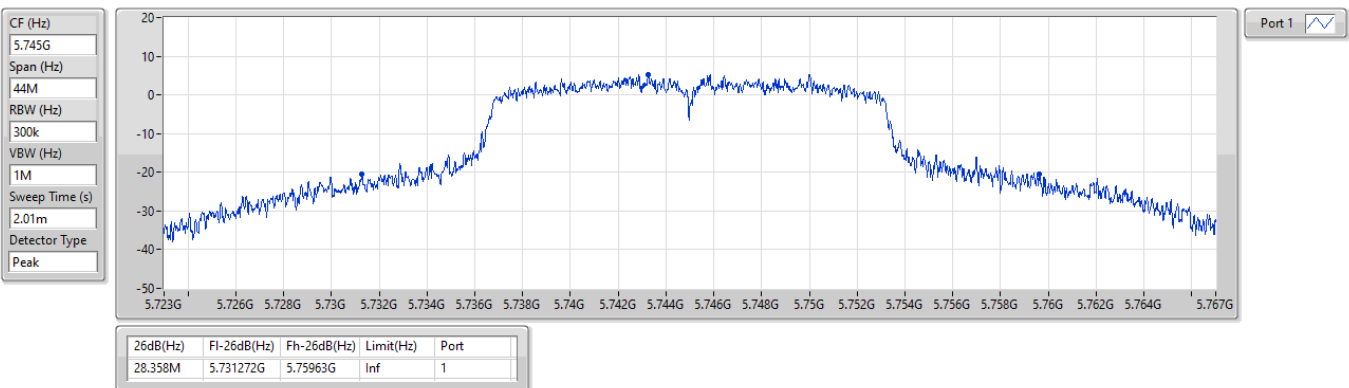


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

29/07/2024

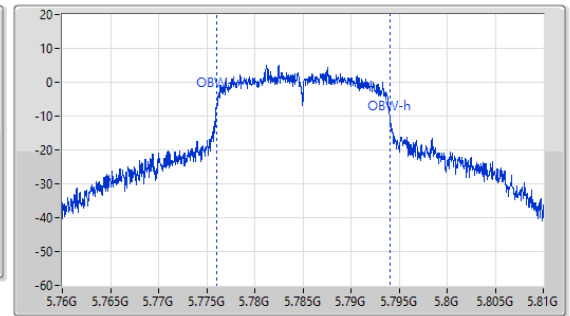
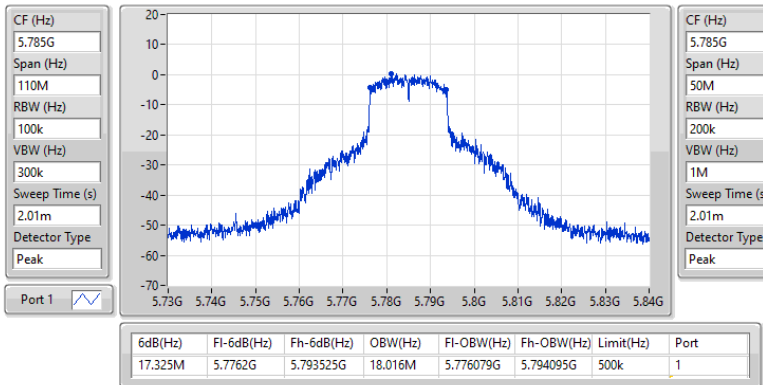


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5785MHz

29/07/2024

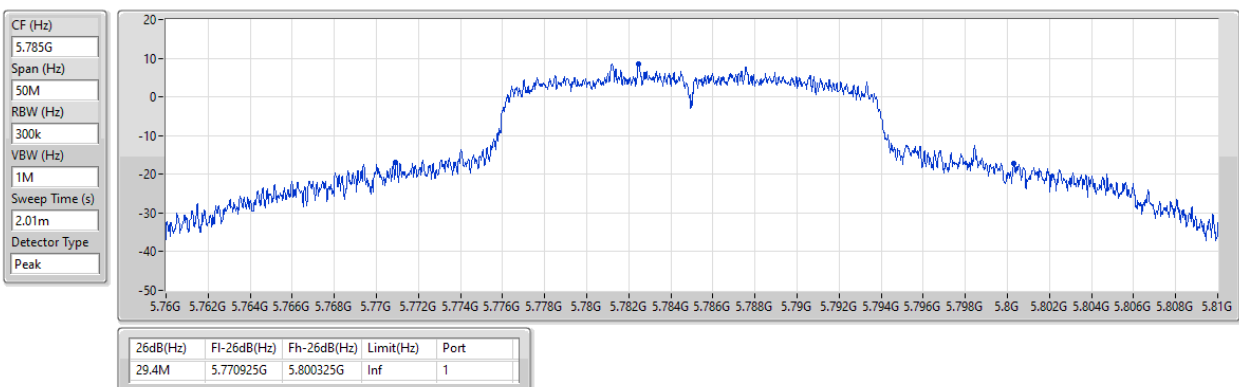


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5785MHz

29/07/2024

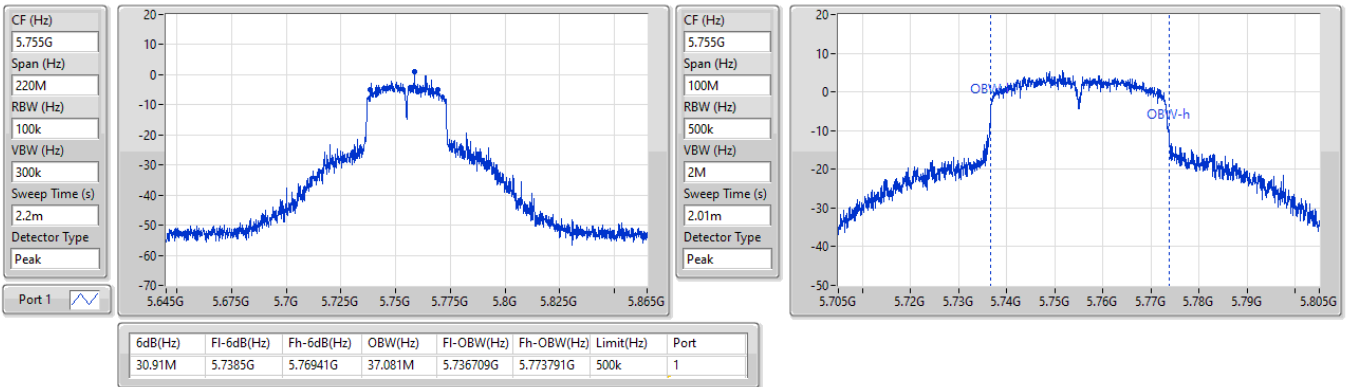


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

29/07/2024

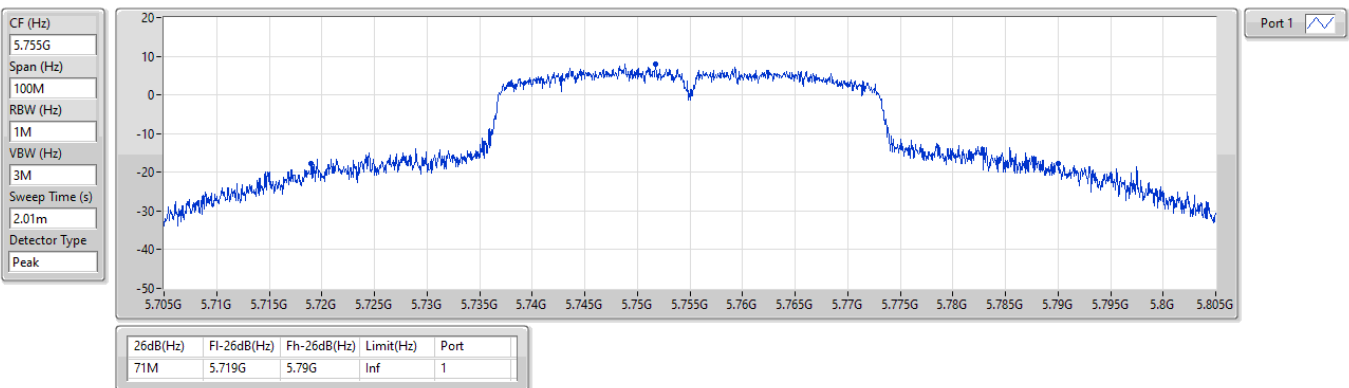


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

29/07/2024

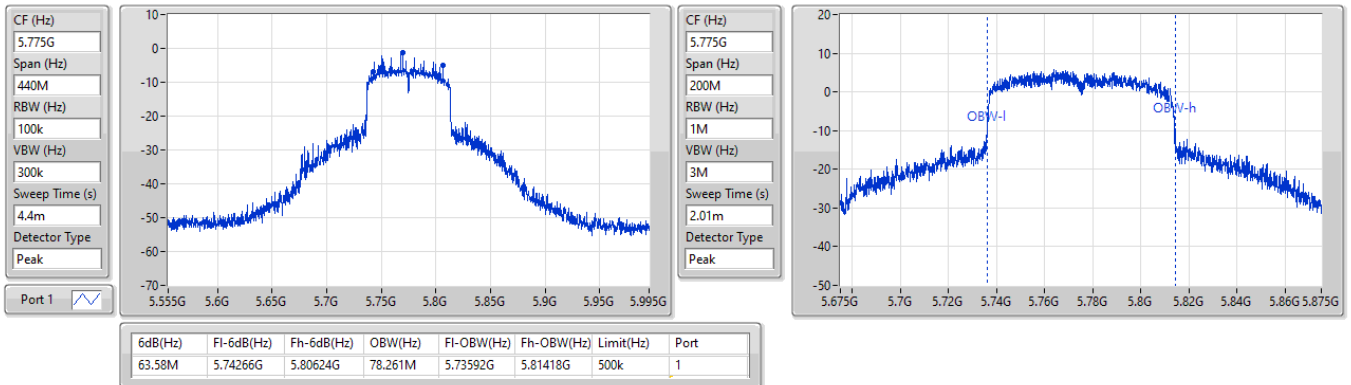


5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

29/07/2024

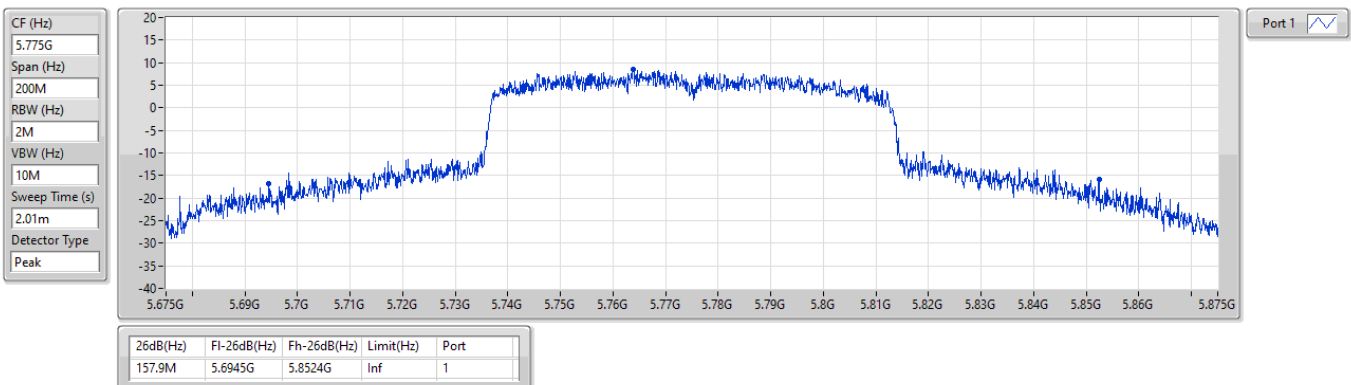


5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

29/07/2024



**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	36.85M	21.263M	21M3D1D	24.585M	16.426M
802.11ac VHT20_Nss1,(MCS0)_1TX	39.49M	22.739M	22M7D1D	26.18M	17.566M
802.11ac VHT40_Nss1,(MCS0)_1TX	79.09M	37.531M	37M5D1D	40.37M	35.882M
802.11ac VHT80_Nss1,(MCS0)_1TX	84.26M	75.162M	75M2D1D	84.26M	75.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.335M	18.933M	18M9D1D	13.475M	16.646M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.325M	19.415M	19M4D1D	16.555M	17.666M
802.11ac VHT40_Nss1,(MCS0)_1TX	30.91M	37.931M	37M9D1D	26.07M	37.081M
802.11ac VHT80_Nss1,(MCS0)_1TX	63.58M	78.261M	78M3D1D	63.58M	78.261M

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	24.585M	16.426M
5200MHz	Pass	Inf	36.85M	21.263M
5240MHz	Pass	Inf	32.395M	19.02M
5745MHz	Pass	500k	16.335M	16.646M
5785MHz	Pass	500k	14.465M	18.405M
5825MHz	Pass	500k	13.475M	18.933M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	26.18M	17.566M
5200MHz	Pass	Inf	39.49M	22.739M
5240MHz	Pass	Inf	34.705M	18.916M
5745MHz	Pass	500k	16.555M	17.666M
5785MHz	Pass	500k	17.325M	18.016M
5825MHz	Pass	500k	16.775M	19.415M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.37M	35.882M
5230MHz	Pass	Inf	79.09M	37.531M
5755MHz	Pass	500k	30.91M	37.081M
5795MHz	Pass	500k	26.07M	37.931M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	84.26M	75.162M
5775MHz	Pass	500k	63.58M	78.261M

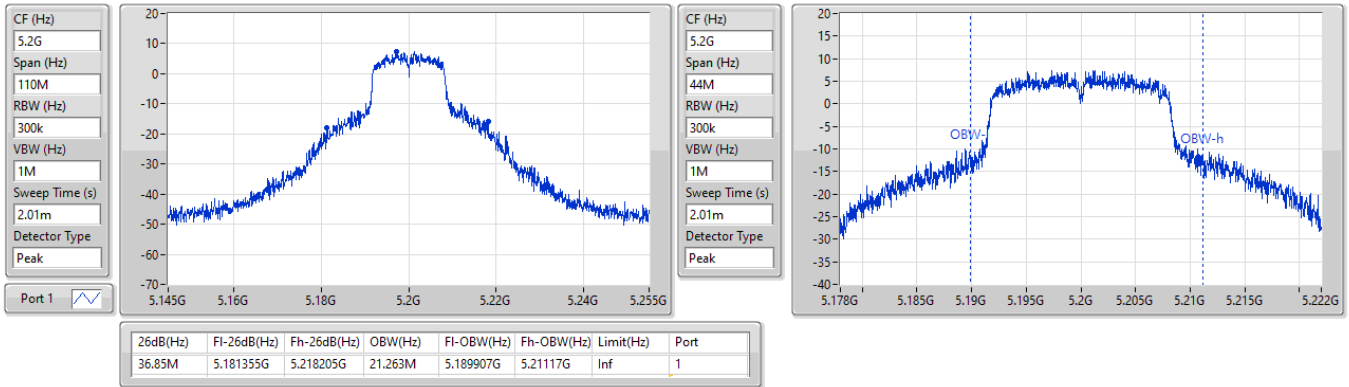
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5200MHz

29/07/2024

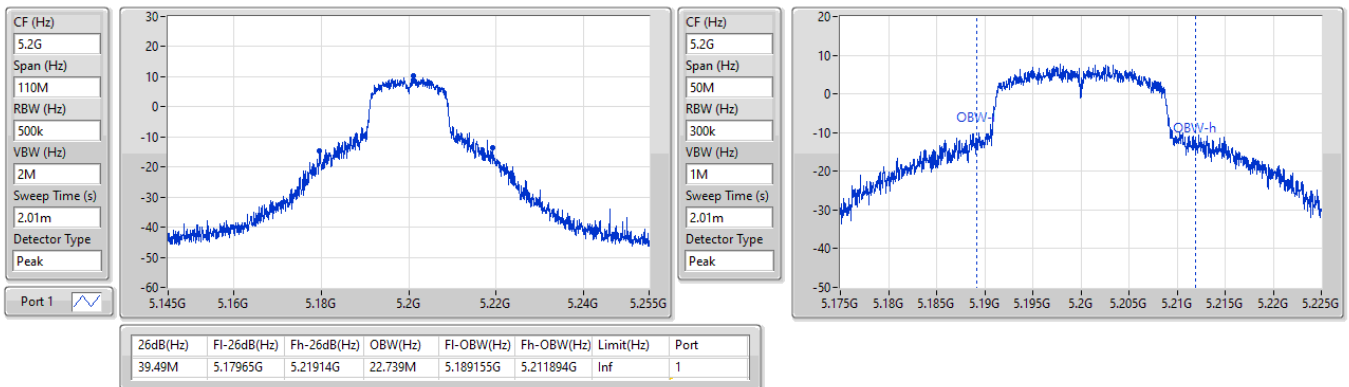


5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

29/07/2024

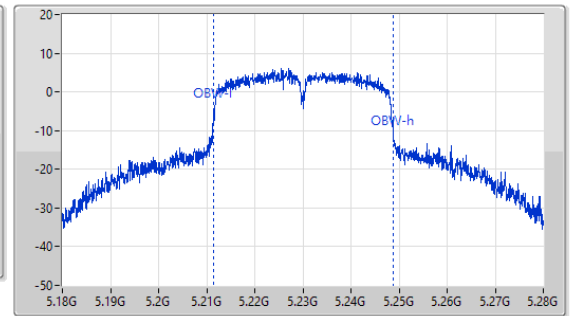
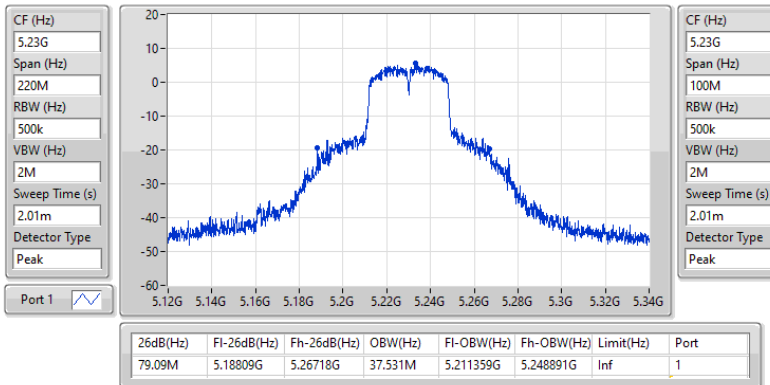


5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

29/07/2024

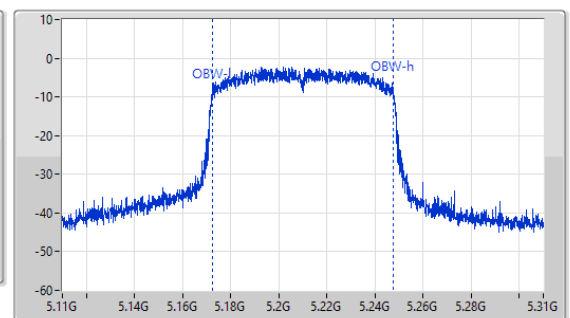
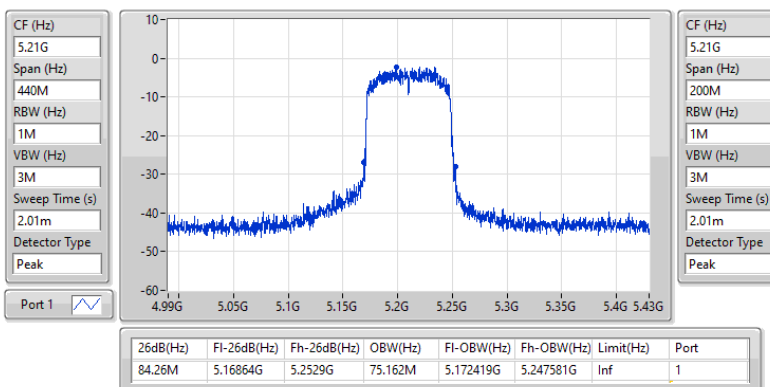


5.15-5.25GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

29/07/2024

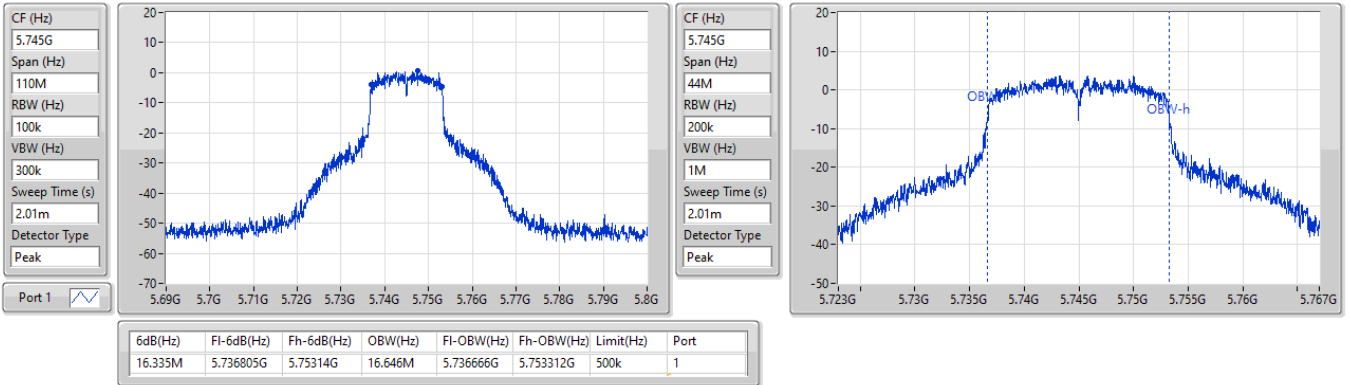


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

29/07/2024

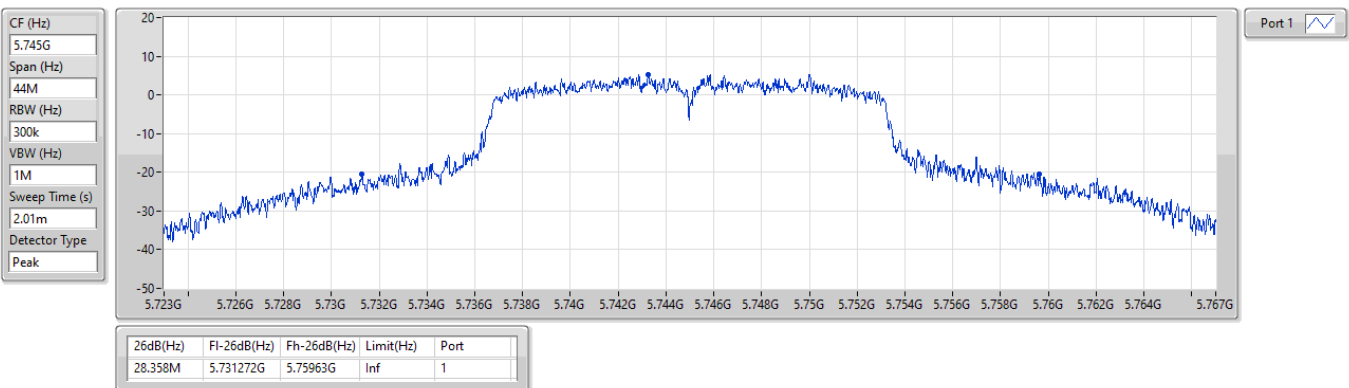


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

29/07/2024

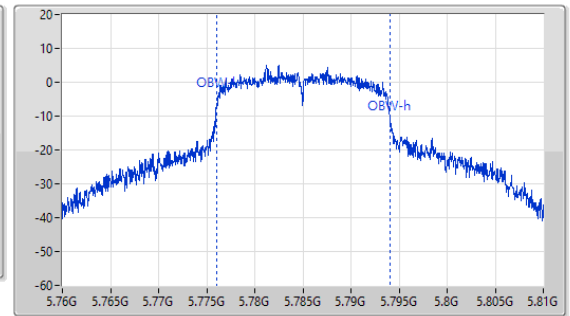
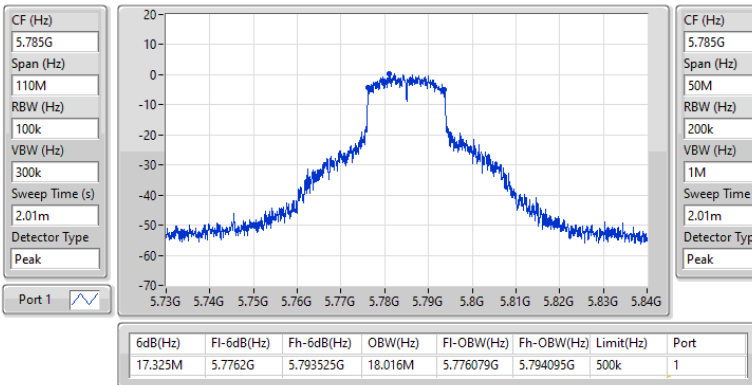


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5785MHz

29/07/2024

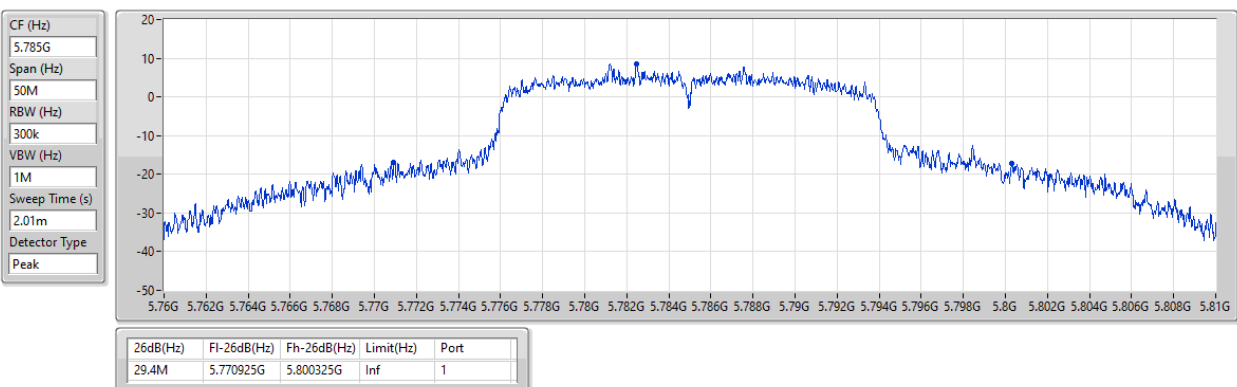


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5785MHz

29/07/2024

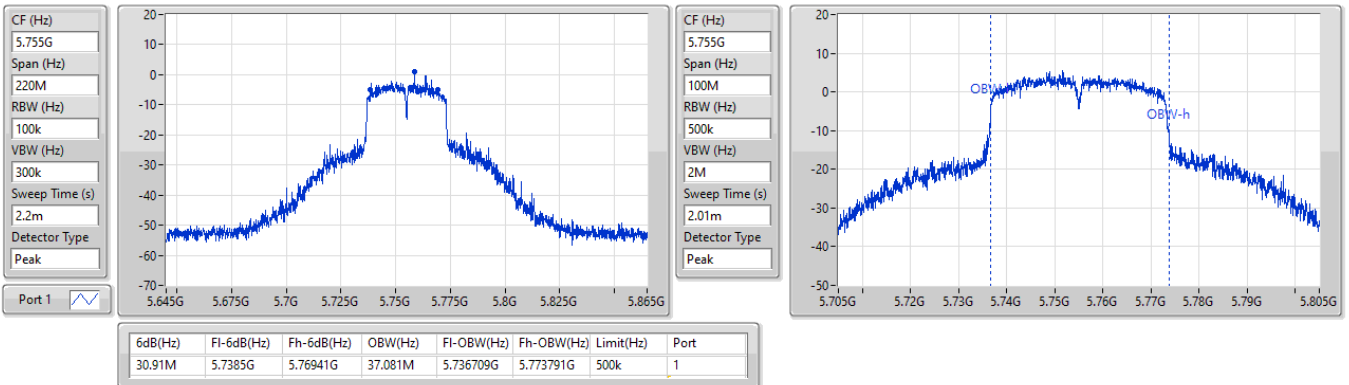


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

29/07/2024

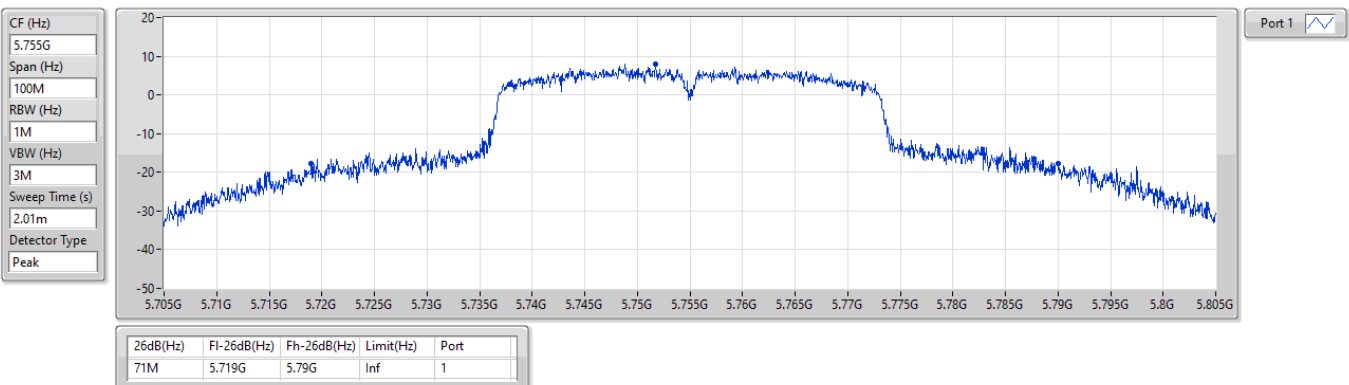


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

29/07/2024

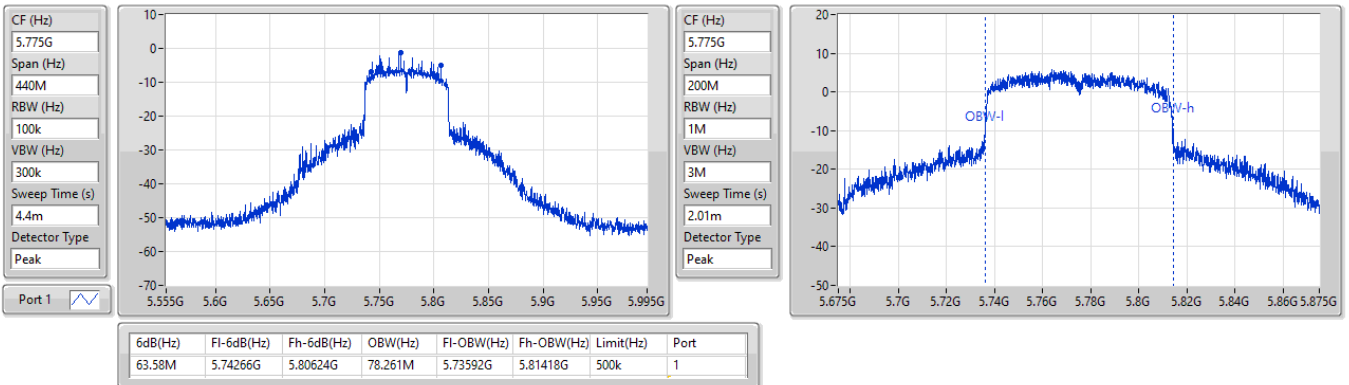


5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

29/07/2024

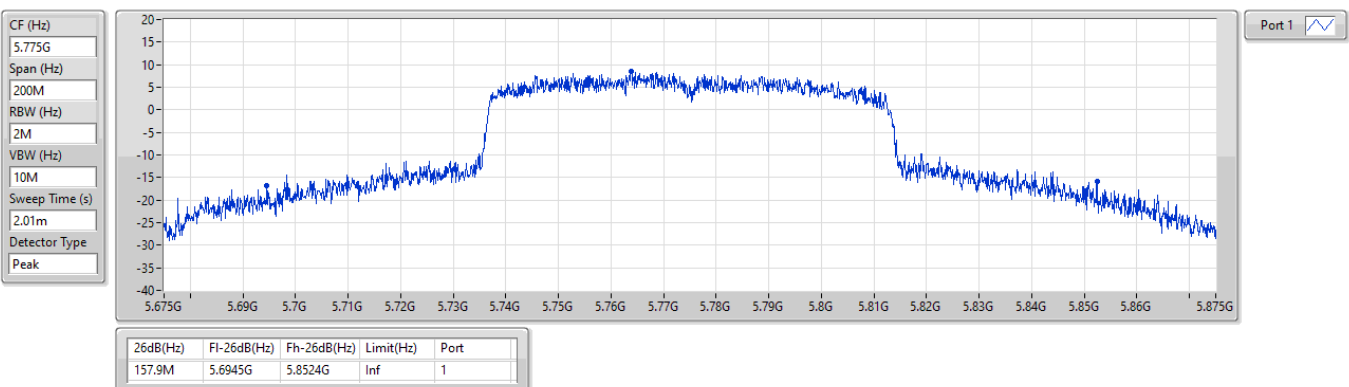


5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

29/07/2024





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.25	0.04217	18.43	0.06966
802.11ac VHT20_Nss1,(MCS0)_1TX	16.14	0.04111	18.32	0.06792
802.11ac VHT40_Nss1,(MCS0)_1TX	15.10	0.03236	17.28	0.05346
802.11ac VHT80_Nss1,(MCS0)_1TX	6.32	0.00429	8.50	0.00708
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.38	0.02742	16.85	0.04842
802.11ac VHT20_Nss1,(MCS0)_1TX	14.20	0.02630	16.67	0.04645
802.11ac VHT40_Nss1,(MCS0)_1TX	14.07	0.02553	16.54	0.04508
802.11ac VHT80_Nss1,(MCS0)_1TX	13.95	0.02483	16.42	0.04385

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.18	13.20	13.20	30.00	15.38	36.00
5200MHz	Pass	2.18	16.25	16.25	30.00	18.43	36.00
5240MHz	Pass	2.18	15.59	15.59	30.00	17.77	36.00
5745MHz	Pass	2.47	13.95	13.95	30.00	16.42	36.00
5785MHz	Pass	2.47	14.26	14.26	30.00	16.73	36.00
5825MHz	Pass	2.47	14.38	14.38	30.00	16.85	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.18	13.15	13.15	30.00	15.33	36.00
5200MHz	Pass	2.18	16.14	16.14	30.00	18.32	36.00
5240MHz	Pass	2.18	15.58	15.58	30.00	17.76	36.00
5745MHz	Pass	2.47	13.79	13.79	30.00	16.26	36.00
5785MHz	Pass	2.47	14.01	14.01	30.00	16.48	36.00
5825MHz	Pass	2.47	14.20	14.20	30.00	16.67	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	2.18	8.76	8.76	30.00	10.94	36.00
5230MHz	Pass	2.18	15.10	15.10	30.00	17.28	36.00
5755MHz	Pass	2.47	13.88	13.88	30.00	16.35	36.00
5795MHz	Pass	2.47	14.07	14.07	30.00	16.54	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	2.18	6.32	6.32	30.00	8.50	36.00
5775MHz	Pass	2.47	13.95	13.95	30.00	16.42	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.25	0.04217	20.65	0.11614
802.11ac VHT20_Nss1,(MCS0)_1TX	16.14	0.04111	20.54	0.11324
802.11ac VHT40_Nss1,(MCS0)_1TX	15.04	0.03192	19.44	0.08790
802.11ac VHT80_Nss1,(MCS0)_1TX	6.32	0.00429	10.72	0.01180
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.38	0.02742	19.57	0.09057
802.11ac VHT20_Nss1,(MCS0)_1TX	14.20	0.02630	19.39	0.08690
802.11ac VHT40_Nss1,(MCS0)_1TX	14.07	0.02553	19.26	0.08433
802.11ac VHT80_Nss1,(MCS0)_1TX	13.95	0.02483	19.14	0.08204

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.40	13.20	13.20	30.00	17.60	36.00
5200MHz	Pass	4.40	16.25	16.25	30.00	20.65	36.00
5240MHz	Pass	4.40	15.59	15.59	30.00	19.99	36.00
5745MHz	Pass	5.19	13.95	13.95	30.00	19.14	36.00
5785MHz	Pass	5.19	14.26	14.26	30.00	19.45	36.00
5825MHz	Pass	5.19	14.38	14.38	30.00	19.57	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.40	13.15	13.15	30.00	17.55	36.00
5200MHz	Pass	4.40	16.14	16.14	30.00	20.54	36.00
5240MHz	Pass	4.40	15.42	15.42	30.00	19.82	36.00
5745MHz	Pass	5.19	13.79	13.79	30.00	18.98	36.00
5785MHz	Pass	5.19	14.01	14.01	30.00	19.20	36.00
5825MHz	Pass	5.19	14.20	14.20	30.00	19.39	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.40	8.24	8.24	30.00	12.64	36.00
5230MHz	Pass	4.40	15.04	15.04	30.00	19.44	36.00
5755MHz	Pass	5.19	13.88	13.88	30.00	19.07	36.00
5795MHz	Pass	5.19	14.07	14.07	30.00	19.26	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.40	6.32	6.32	30.00	10.72	36.00
5775MHz	Pass	5.19	13.95	13.95	30.00	19.14	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.73	5.91
802.11ac VHT20_Nss1,(MCS0)_1TX	3.90	6.08
802.11ac VHT40_Nss1,(MCS0)_1TX	-0.19	1.99
802.11ac VHT80_Nss1,(MCS0)_1TX	-11.82	-9.64
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	0.63	3.10
802.11ac VHT20_Nss1,(MCS0)_1TX	0.37	2.84
802.11ac VHT40_Nss1,(MCS0)_1TX	-2.66	-0.19
802.11ac VHT80_Nss1,(MCS0)_1TX	-5.52	-3.05

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.18	0.89	0.89	17.00	3.07	23.00
5200MHz	Pass	2.18	3.73	3.73	17.00	5.91	23.00
5240MHz	Pass	2.18	3.57	3.57	17.00	5.75	23.00
5745MHz	Pass	2.47	0.28	0.28	30.00	2.75	36.00
5785MHz	Pass	2.47	0.54	0.54	30.00	3.01	36.00
5825MHz	Pass	2.47	0.63	0.63	30.00	3.10	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.18	1.02	1.02	17.00	3.20	23.00
5200MHz	Pass	2.18	3.90	3.90	17.00	6.08	23.00
5240MHz	Pass	2.18	3.40	3.40	17.00	5.58	23.00
5745MHz	Pass	2.47	0.05	0.05	30.00	2.52	36.00
5785MHz	Pass	2.47	0.31	0.31	30.00	2.78	36.00
5825MHz	Pass	2.47	0.37	0.37	30.00	2.84	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	2.18	-6.40	-6.40	17.00	-4.22	23.00
5230MHz	Pass	2.18	-0.19	-0.19	17.00	1.99	23.00
5755MHz	Pass	2.47	-2.73	-2.73	30.00	-0.26	36.00
5795MHz	Pass	2.47	-2.66	-2.66	30.00	-0.19	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	2.18	-11.82	-11.82	17.00	-9.64	23.00
5775MHz	Pass	2.47	-5.52	-5.52	30.00	-3.05	36.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

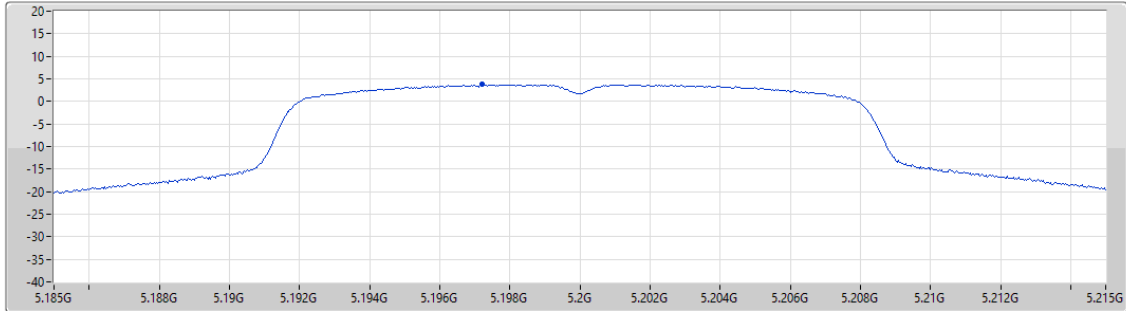
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

29/07/2024

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.73	3.73	3.73

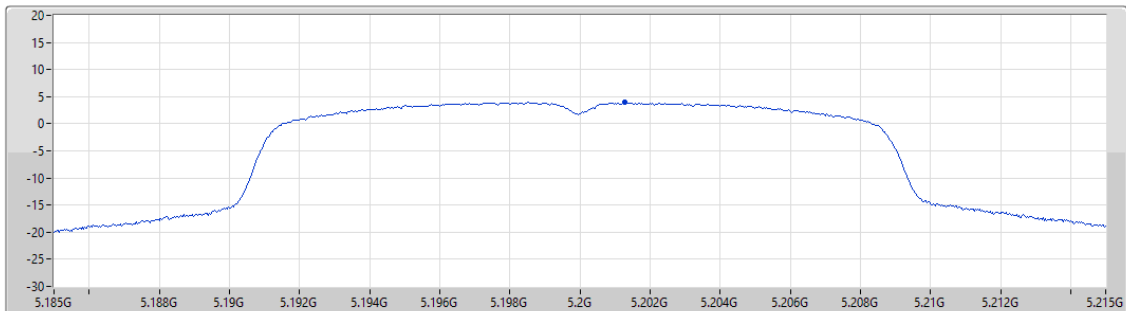
5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

29/07/2024

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



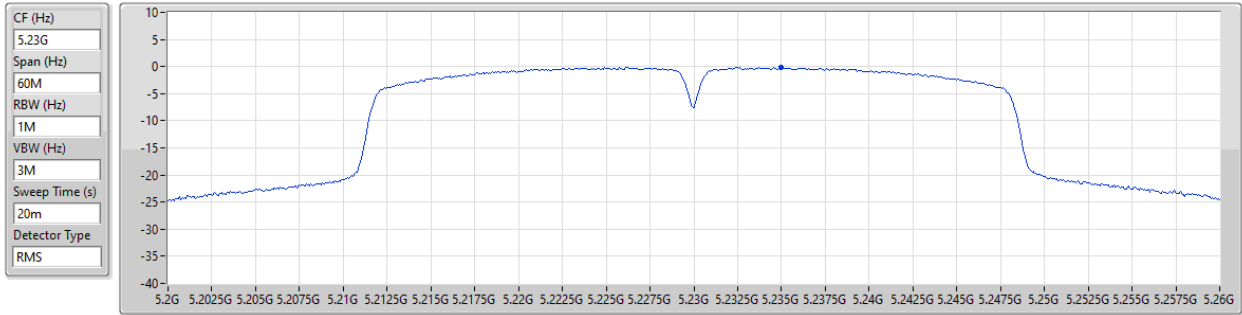
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.90	3.90	3.90

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

PSD

5230MHz

29/07/2024

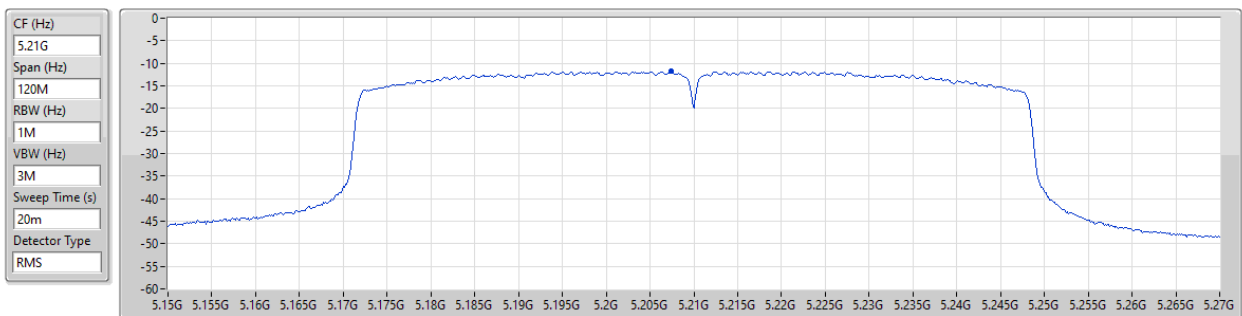


5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

29/07/2024



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

PSD

5825MHz

29/07/2024

CF (Hz)
5.825G

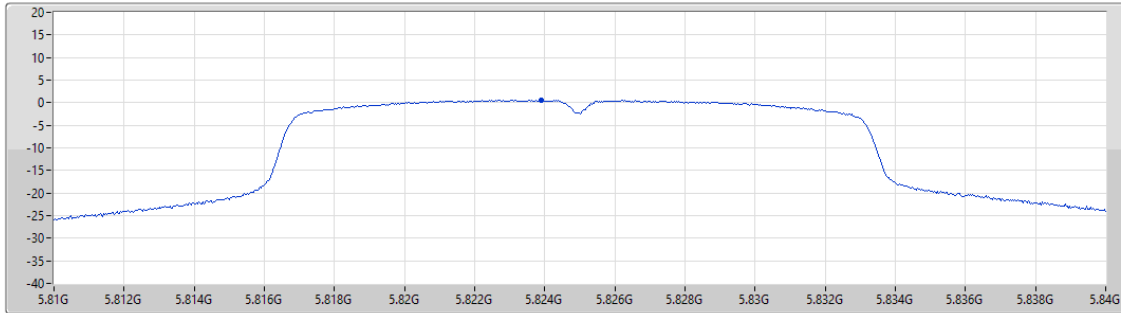
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.63	0.63	0.63

5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

29/07/2024

CF (Hz)
5.825G

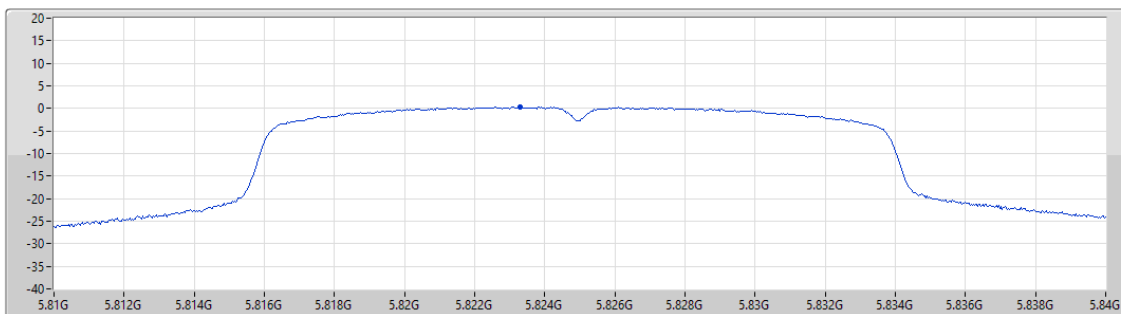
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.37	0.37	0.37

5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

29/07/2024

CF (Hz)
5.795G

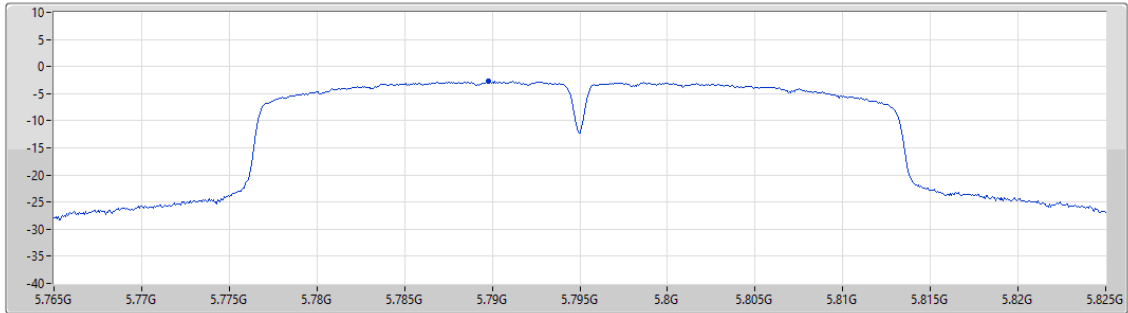
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.66	-2.66	-2.66

5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

29/07/2024

CF (Hz)
5.775G

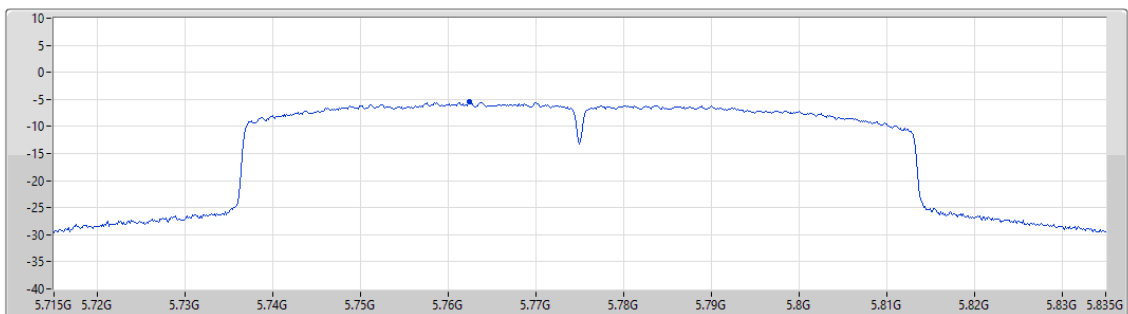
Span (Hz)
120M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.52	-5.52	-5.52

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.73	8.13
802.11ac VHT20_Nss1,(MCS0)_1TX	3.90	8.30
802.11ac VHT40_Nss1,(MCS0)_1TX	-0.14	4.26
802.11ac VHT80_Nss1,(MCS0)_1TX	-11.82	-7.42
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	0.63	5.82
802.11ac VHT20_Nss1,(MCS0)_1TX	0.37	5.56
802.11ac VHT40_Nss1,(MCS0)_1TX	-2.66	2.53
802.11ac VHT80_Nss1,(MCS0)_1TX	-5.52	-0.33

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.40	0.89	0.89	17.00	5.29	23.00
5200MHz	Pass	4.40	3.73	3.73	17.00	8.13	23.00
5240MHz	Pass	4.40	3.57	3.57	17.00	7.97	23.00
5745MHz	Pass	5.19	0.28	0.28	30.00	5.47	36.00
5785MHz	Pass	5.19	0.54	0.54	30.00	5.73	36.00
5825MHz	Pass	5.19	0.63	0.63	30.00	5.82	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.40	1.02	1.02	17.00	5.42	23.00
5200MHz	Pass	4.40	3.90	3.90	17.00	8.30	23.00
5240MHz	Pass	4.40	3.23	3.23	17.00	7.63	23.00
5745MHz	Pass	5.19	0.05	0.05	30.00	5.24	36.00
5785MHz	Pass	5.19	0.31	0.31	30.00	5.50	36.00
5825MHz	Pass	5.19	0.37	0.37	30.00	5.56	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.40	-6.95	-6.95	17.00	-2.55	23.00
5230MHz	Pass	4.40	-0.14	-0.14	17.00	4.26	23.00
5755MHz	Pass	5.19	-2.73	-2.73	30.00	2.46	36.00
5795MHz	Pass	5.19	-2.66	-2.66	30.00	2.53	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.40	-11.82	-11.82	17.00	-7.42	23.00
5775MHz	Pass	5.19	-5.52	-5.52	30.00	-0.33	36.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

5200MHz

29/07/2024

CF (Hz)
5.2G

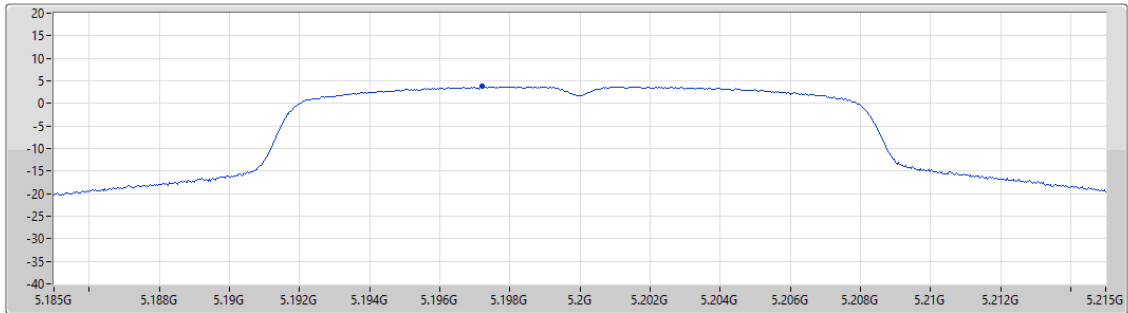
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.73	3.73	3.73

5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

29/07/2024

CF (Hz)
5.2G

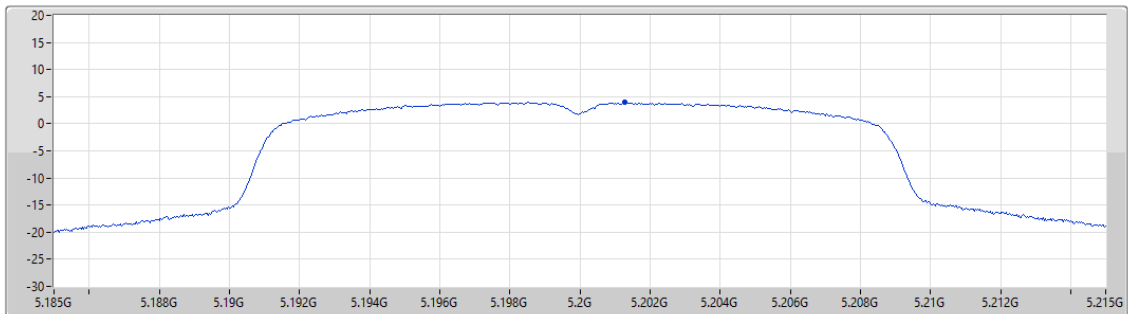
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



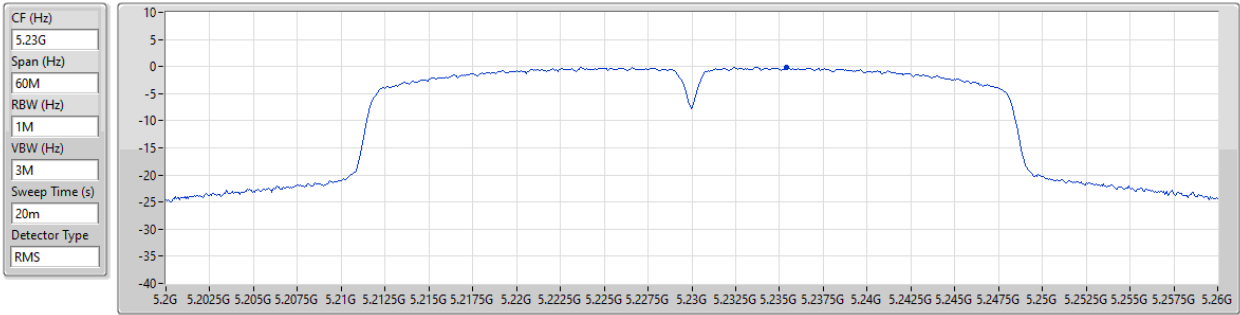
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.90	3.90	3.90

5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

29/07/2024

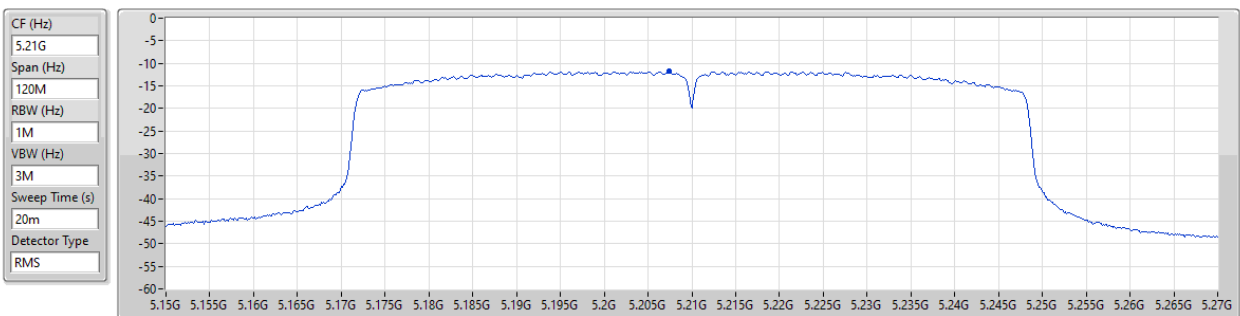


5.15-5.25GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

29/07/2024



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

PSD

5825MHz

29/07/2024

CF (Hz)
5.825G

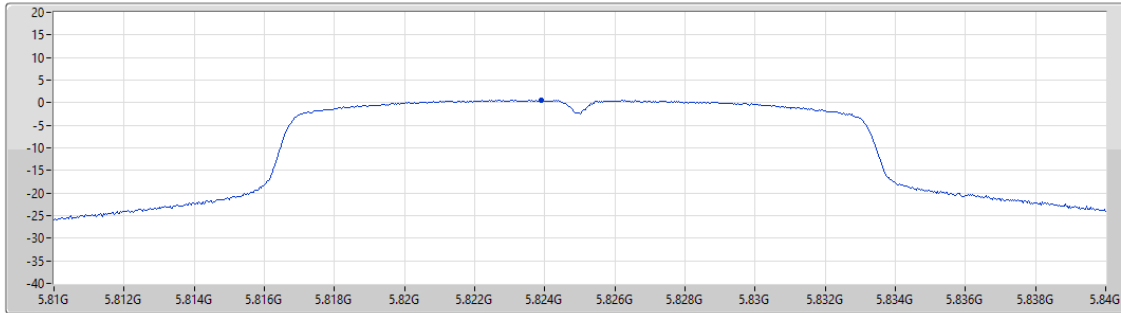
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.63	0.63	0.63

5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

29/07/2024

CF (Hz)
5.825G

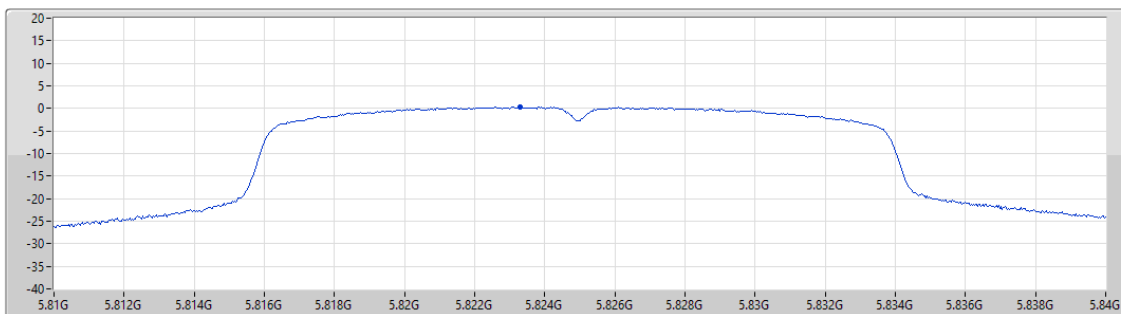
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.37	0.37	0.37

5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

29/07/2024

CF (Hz)
5.795G

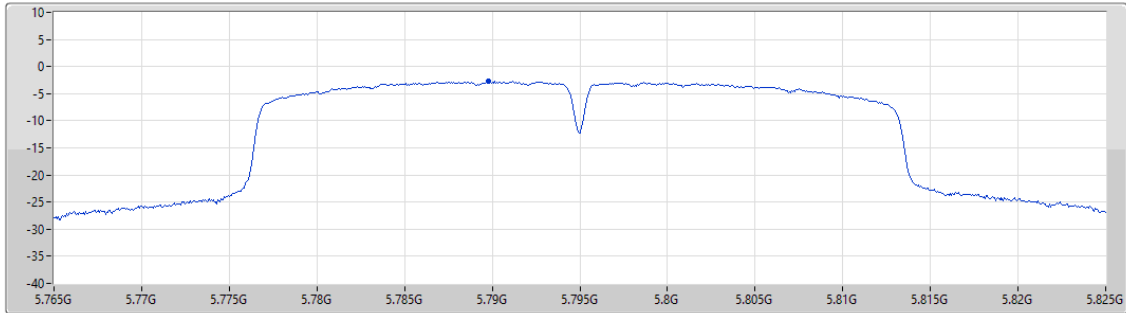
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.66	-2.66	-2.66

5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

29/07/2024

CF (Hz)
5.775G

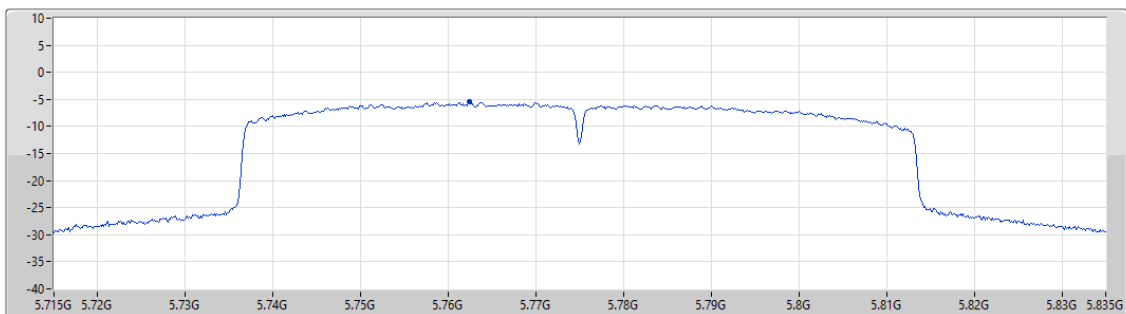
Span (Hz)
120M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.52	-5.52	-5.52



Summary

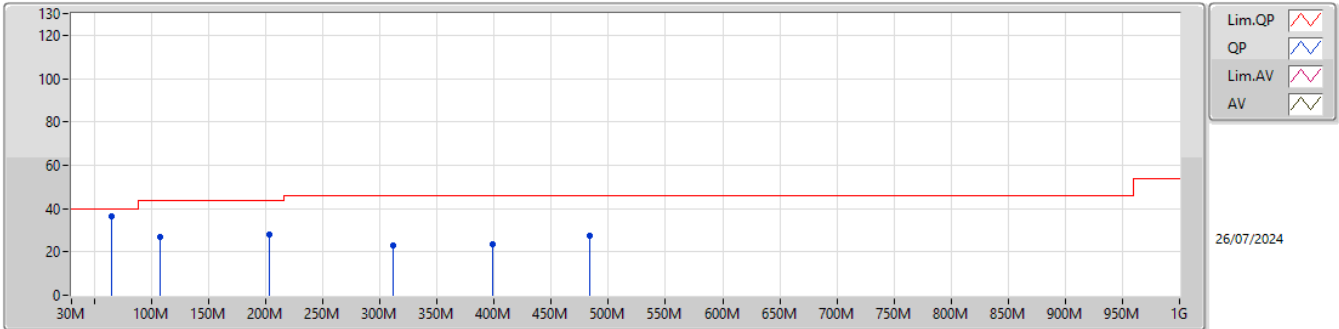
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	64.92M	36.44	40.00	-3.56	3	Vertical	360	3.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5775MHz_Adapter	Pass	PK	64.92M	36.44	40.00	-3.56	3	Vertical	360	3.00
5775MHz_Adapter	Pass	PK	107.6M	26.74	43.50	-16.76	3	Vertical	360	3.00
5775MHz_Adapter	Pass	PK	202.66M	27.99	43.50	-15.51	3	Vertical	360	3.00
5775MHz_Adapter	Pass	PK	311.3M	22.90	46.00	-23.10	3	Vertical	360	3.00
5775MHz_Adapter	Pass	PK	398.6M	23.49	46.00	-22.51	3	Vertical	360	3.00
5775MHz_Adapter	Pass	PK	483.96M	27.34	46.00	-18.66	3	Vertical	360	3.00
5775MHz_Adapter	Pass	PK	64.92M	34.58	40.00	-5.42	3	Horizontal	0	3.00
5775MHz_Adapter	Pass	PK	159.98M	27.28	43.50	-16.22	3	Horizontal	0	3.00
5775MHz_Adapter	Pass	PK	198.78M	26.06	43.50	-17.44	3	Horizontal	0	3.00
5775MHz_Adapter	Pass	PK	301.6M	27.09	46.00	-18.91	3	Horizontal	0	3.00
5775MHz_Adapter	Pass	PK	394.72M	25.28	46.00	-20.72	3	Horizontal	0	3.00
5775MHz_Adapter	Pass	PK	518.88M	27.20	46.00	-18.80	3	Horizontal	0	3.00

5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

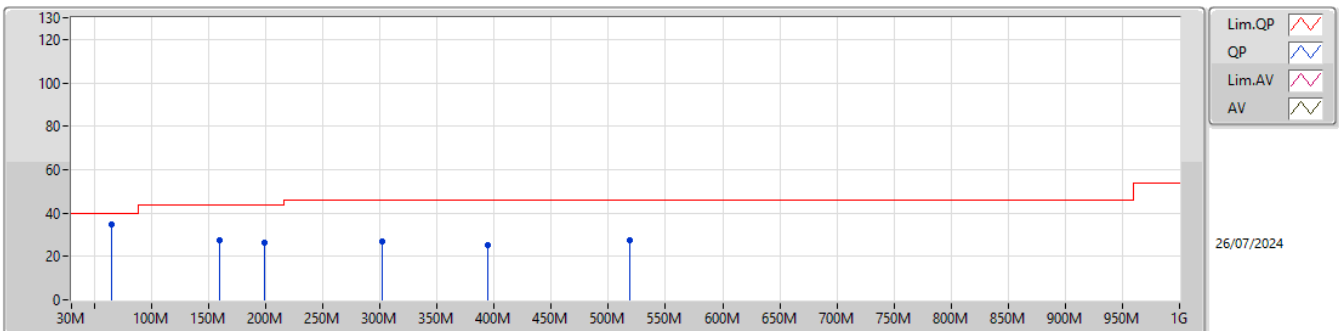
5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	64.92M	36.44	40.00	-3.56	-13.95	3	Vertical	360	3.00	50.39	11.36	1.74	27.05
PK	107.6M	26.74	43.50	-16.76	-8.81	3	Vertical	360	3.00	35.55	16.73	2.08	27.62
PK	202.66M	27.99	43.50	-15.51	-9.72	3	Vertical	360	3.00	37.71	14.60	2.96	27.28
PK	311.3M	22.90	46.00	-23.10	-4.77	3	Vertical	360	3.00	27.67	18.61	3.71	27.09
PK	398.6M	23.49	46.00	-22.51	-2.69	3	Vertical	360	3.00	26.18	20.85	4.22	27.76
PK	483.96M	27.34	46.00	-18.66	-0.81	3	Vertical	360	3.00	28.15	22.64	4.79	28.24

5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	64.92M	34.58	40.00	-5.42	-13.95	3	Horizontal	0	3.00	48.53	11.36	1.74	27.05
PK	159.98M	27.28	43.50	-16.22	-9.64	3	Horizontal	0	3.00	36.92	15.23	2.60	27.47
PK	198.78M	26.06	43.50	-17.44	-9.92	3	Horizontal	0	3.00	35.98	14.45	2.93	27.30
PK	301.6M	27.09	46.00	-18.91	-5.06	3	Horizontal	0	3.00	32.15	18.30	3.67	27.03
PK	394.72M	25.28	46.00	-20.72	-2.89	3	Horizontal	0	3.00	28.17	20.65	4.19	27.73
PK	518.88M	27.20	46.00	-18.80	-0.73	3	Horizontal	0	3.00	27.93	22.62	4.97	28.32

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.15G	51.83	54.00	-2.17	3	Horizontal	278	2.10
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.24	54.00	-0.76	3	Horizontal	282	2.10
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.1498G	53.62	54.00	-0.38	3	Horizontal	280	2.08
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.62	54.00	-0.38	3	Horizontal	282	2.10
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	6.0318G	60.20	68.20	-8.00	3	Vertical	193	2.78
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.9594G	60.10	68.20	-8.10	3	Horizontal	38	1.96
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.6482G	61.62	68.20	-6.58	3	Horizontal	98	2.07
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.6466G	64.75	68.20	-3.45	3	Horizontal	99	2.08

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	46.49	54.00	-7.51	3	Vertical	198	2.90
5180MHz	Pass	AV	5.1782G	89.40	Inf	-Inf	3	Vertical	198	2.90
5180MHz	Pass	PK	5.1494G	61.95	74.00	-12.05	3	Vertical	198	2.90
5180MHz	Pass	PK	5.177G	98.78	Inf	-Inf	3	Vertical	198	2.90
5180MHz	Pass	AV	5.15G	51.83	54.00	-2.17	3	Horizontal	278	2.10
5180MHz	Pass	AV	5.1818G	100.21	Inf	-Inf	3	Horizontal	278	2.10
5180MHz	Pass	PK	5.1488G	69.74	74.00	-4.26	3	Horizontal	278	2.10
5180MHz	Pass	PK	5.1776G	109.71	Inf	-Inf	3	Horizontal	278	2.10
5180MHz	Pass	AV	15.54454G	42.24	54.00	-11.76	3	Vertical	124	2.73
5180MHz	Pass	PK	10.35824G	50.02	68.20	-18.18	3	Vertical	223	1.50
5180MHz	Pass	PK	15.54194G	54.44	74.00	-19.56	3	Vertical	124	2.73
5180MHz	Pass	AV	15.54242G	42.06	54.00	-11.94	3	Horizontal	48	1.50
5180MHz	Pass	PK	10.35994G	51.28	68.20	-16.92	3	Horizontal	356	2.44
5180MHz	Pass	PK	15.54564G	54.57	74.00	-19.43	3	Horizontal	48	1.50
5200MHz	Pass	AV	5.1394G	45.36	54.00	-8.64	3	Vertical	31	1.14
5200MHz	Pass	AV	5.2018G	90.15	Inf	-Inf	3	Vertical	31	1.14
5200MHz	Pass	AV	5.35G	45.19	54.00	-8.81	3	Vertical	31	1.14
5200MHz	Pass	PK	5.0524G	57.66	74.00	-16.34	3	Vertical	31	1.14
5200MHz	Pass	PK	5.1976G	99.30	Inf	-Inf	3	Vertical	31	1.14
5200MHz	Pass	PK	5.35G	55.27	74.00	-18.73	3	Vertical	31	1.14
5200MHz	Pass	AV	5.1496G	48.80	54.00	-5.20	3	Horizontal	91	2.08
5200MHz	Pass	AV	5.1976G	103.21	Inf	-Inf	3	Horizontal	91	2.08
5200MHz	Pass	AV	5.35G	45.62	54.00	-8.38	3	Horizontal	91	2.08
5200MHz	Pass	PK	5.1484G	64.87	74.00	-9.13	3	Horizontal	91	2.08
5200MHz	Pass	PK	5.1988G	112.95	Inf	-Inf	3	Horizontal	91	2.08
5200MHz	Pass	PK	5.35G	56.74	74.00	-17.26	3	Horizontal	91	2.08
5200MHz	Pass	AV	15.59518G	41.79	54.00	-12.21	3	Vertical	136	2.38
5200MHz	Pass	PK	10.40426G	50.38	68.20	-17.82	3	Vertical	74	2.87
5200MHz	Pass	PK	15.59524G	53.74	74.00	-20.26	3	Vertical	136	2.38
5200MHz	Pass	AV	15.59682G	41.97	54.00	-12.03	3	Horizontal	304	2.76
5200MHz	Pass	PK	10.40118G	51.08	68.20	-17.12	3	Horizontal	357	2.44
5200MHz	Pass	PK	15.60068G	54.52	74.00	-19.48	3	Horizontal	304	2.76
5240MHz	Pass	AV	5.1488G	45.69	54.00	-8.31	3	Vertical	59	2.70
5240MHz	Pass	AV	5.2376G	95.16	Inf	-Inf	3	Vertical	59	2.70
5240MHz	Pass	AV	5.357G	45.22	54.00	-8.78	3	Vertical	59	2.70
5240MHz	Pass	PK	5.1422G	57.55	74.00	-16.45	3	Vertical	59	2.70
5240MHz	Pass	PK	5.237G	104.84	Inf	-Inf	3	Vertical	59	2.70
5240MHz	Pass	PK	5.35G	58.20	74.00	-15.80	3	Vertical	59	2.70
5240MHz	Pass	AV	5.1422G	47.12	54.00	-6.88	3	Horizontal	96	2.04
5240MHz	Pass	AV	5.2388G	103.30	Inf	-Inf	3	Horizontal	96	2.04
5240MHz	Pass	AV	5.381G	45.83	54.00	-8.17	3	Horizontal	96	2.04
5240MHz	Pass	PK	5.1458G	58.05	74.00	-15.95	3	Horizontal	96	2.04
5240MHz	Pass	PK	5.2364G	112.45	Inf	-Inf	3	Horizontal	96	2.04
5240MHz	Pass	PK	5.3894G	58.31	74.00	-15.69	3	Horizontal	96	2.04
5240MHz	Pass	AV	15.72278G	42.81	54.00	-11.19	3	Vertical	0	2.07
5240MHz	Pass	PK	10.48212G	49.68	68.20	-18.52	3	Vertical	302	1.50
5240MHz	Pass	PK	15.71972G	55.14	74.00	-18.86	3	Vertical	0	2.07
5240MHz	Pass	AV	15.72026G	42.81	54.00	-11.19	3	Horizontal	104	1.50
5240MHz	Pass	PK	10.48056G	50.82	68.20	-17.38	3	Horizontal	360	2.20
5240MHz	Pass	PK	15.72352G	55.68	74.00	-18.32	3	Horizontal	104	1.50
5745MHz	Pass	AV	5.4594G	44.84	54.00	-9.16	3	Vertical	193	2.78
5745MHz	Pass	AV	5.7426G	94.60	Inf	-Inf	3	Vertical	193	2.78
5745MHz	Pass	PK	5.5218G	58.05	68.20	-10.15	3	Vertical	193	2.78
5745MHz	Pass	PK	5.7426G	104.41	Inf	-Inf	3	Vertical	193	2.78
5745MHz	Pass	PK	6.0318G	60.20	68.20	-8.00	3	Vertical	193	2.78
5745MHz	Pass	AV	5.4594G	45.06	54.00	-8.94	3	Horizontal	99	1.98
5745MHz	Pass	AV	5.7426G	101.61	Inf	-Inf	3	Horizontal	99	1.98
5745MHz	Pass	PK	5.643G	59.59	68.20	-8.61	3	Horizontal	99	1.98
5745MHz	Pass	PK	5.7474G	110.41	Inf	-Inf	3	Horizontal	99	1.98
5745MHz	Pass	PK	5.9826G	58.86	68.20	-9.34	3	Horizontal	99	1.98

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	AV	11.49116G	38.94	54.00	-15.06	3	Vertical	345	1.99
5745MHz	Pass	PK	11.48542G	50.93	74.00	-23.07	3	Vertical	345	1.99
5745MHz	Pass	PK	17.23464G	55.76	68.20	-12.44	3	Vertical	78	1.91
5745MHz	Pass	AV	11.49096G	38.75	54.00	-15.25	3	Horizontal	76	1.00
5745MHz	Pass	PK	11.48724G	51.54	74.00	-22.46	3	Horizontal	76	1.00
5745MHz	Pass	PK	17.23224G	55.35	68.20	-12.85	3	Horizontal	27	1.50
5785MHz	Pass	AV	5.7838G	94.99	Inf	-Inf	3	Vertical	197	2.74
5785MHz	Pass	PK	5.6446G	58.12	68.20	-10.08	3	Vertical	197	2.74
5785MHz	Pass	PK	5.7814G	103.84	Inf	-Inf	3	Vertical	197	2.74
5785MHz	Pass	PK	5.9794G	59.36	68.20	-8.84	3	Vertical	197	2.74
5785MHz	Pass	AV	5.7838G	102.19	Inf	-Inf	3	Horizontal	99	2.01
5785MHz	Pass	PK	5.6134G	59.00	68.20	-9.20	3	Horizontal	99	2.01
5785MHz	Pass	PK	5.7826G	111.49	Inf	-Inf	3	Horizontal	99	2.01
5785MHz	Pass	PK	6.001G	59.00	68.20	-9.20	3	Horizontal	99	2.01
5785MHz	Pass	AV	11.56904G	40.11	54.00	-13.89	3	Vertical	343	1.93
5785MHz	Pass	PK	11.56794G	53.51	74.00	-20.49	3	Vertical	343	1.93
5785MHz	Pass	PK	17.35152G	55.15	68.20	-13.05	3	Vertical	219	1.50
5785MHz	Pass	AV	11.5657G	40.15	54.00	-13.85	3	Horizontal	37	1.80
5785MHz	Pass	PK	11.56986G	53.39	74.00	-20.61	3	Horizontal	37	1.80
5785MHz	Pass	PK	17.35676G	55.36	68.20	-12.84	3	Horizontal	360	1.50
5825MHz	Pass	AV	5.8214G	90.17	Inf	-Inf	3	Vertical	142	1.00
5825MHz	Pass	PK	5.591G	58.59	68.20	-9.61	3	Vertical	142	1.00
5825MHz	Pass	PK	5.8238G	99.28	Inf	-Inf	3	Vertical	142	1.00
5825MHz	Pass	PK	6.0866G	59.46	68.20	-8.74	3	Vertical	142	1.00
5825MHz	Pass	AV	5.8226G	102.08	Inf	-Inf	3	Horizontal	99	1.93
5825MHz	Pass	PK	5.6102G	59.20	68.20	-9.00	3	Horizontal	99	1.93
5825MHz	Pass	PK	5.8238G	111.48	Inf	-Inf	3	Horizontal	99	1.93
5825MHz	Pass	PK	5.927G	59.97	68.20	-8.23	3	Horizontal	99	1.93
5825MHz	Pass	AV	11.64502G	38.19	54.00	-15.81	3	Vertical	188	1.50
5825MHz	Pass	PK	11.64778G	50.74	74.00	-23.26	3	Vertical	188	1.50
5825MHz	Pass	PK	17.47404G	55.68	68.20	-12.52	3	Vertical	359	1.18
5825MHz	Pass	AV	11.6455G	38.19	54.00	-15.81	3	Horizontal	253	1.73
5825MHz	Pass	PK	11.65066G	50.51	74.00	-23.49	3	Horizontal	253	1.73
5825MHz	Pass	PK	17.47028G	55.92	68.20	-12.28	3	Horizontal	360	1.50
802.11ac VHT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1494G	46.86	54.00	-7.14	3	Vertical	194	2.90
5180MHz	Pass	AV	5.1776G	89.63	Inf	-Inf	3	Vertical	194	2.90
5180MHz	Pass	PK	5.15G	61.23	74.00	-12.77	3	Vertical	194	2.90
5180MHz	Pass	PK	5.183G	98.90	Inf	-Inf	3	Vertical	194	2.90
5180MHz	Pass	AV	5.15G	53.24	54.00	-0.76	3	Horizontal	282	2.10
5180MHz	Pass	AV	5.1824G	100.29	Inf	-Inf	3	Horizontal	282	2.10
5180MHz	Pass	PK	5.1488G	70.12	74.00	-3.88	3	Horizontal	282	2.10
5180MHz	Pass	PK	5.1818G	109.43	Inf	-Inf	3	Horizontal	282	2.10
5180MHz	Pass	AV	15.54324G	42.44	54.00	-11.56	3	Vertical	348	1.70
5180MHz	Pass	PK	10.3559G	50.97	68.20	-17.23	3	Vertical	339	1.33
5180MHz	Pass	PK	15.53656G	54.96	74.00	-19.04	3	Vertical	348	1.70
5180MHz	Pass	AV	15.54344G	42.44	54.00	-11.56	3	Horizontal	164	1.50
5180MHz	Pass	PK	10.35986G	49.94	68.20	-18.26	3	Horizontal	357	2.48
5180MHz	Pass	PK	15.54422G	55.07	74.00	-18.93	3	Horizontal	164	1.50
5200MHz	Pass	AV	5.15G	46.11	54.00	-7.89	3	Vertical	198	1.00
5200MHz	Pass	AV	5.203G	92.97	Inf	-Inf	3	Vertical	198	1.00
5200MHz	Pass	AV	5.35G	45.41	54.00	-8.59	3	Vertical	198	1.00
5200MHz	Pass	PK	5.1466G	57.72	74.00	-16.28	3	Vertical	198	1.00
5200MHz	Pass	PK	5.203G	101.89	Inf	-Inf	3	Vertical	198	1.00
5200MHz	Pass	PK	5.35G	56.91	74.00	-17.09	3	Vertical	198	1.00
5200MHz	Pass	AV	5.15G	49.23	54.00	-4.77	3	Horizontal	92	2.08
5200MHz	Pass	AV	5.1982G	103.22	Inf	-Inf	3	Horizontal	92	2.08
5200MHz	Pass	AV	5.35G	45.83	54.00	-8.17	3	Horizontal	92	2.08
5200MHz	Pass	PK	5.1496G	64.52	74.00	-9.48	3	Horizontal	92	2.08
5200MHz	Pass	PK	5.2012G	112.08	Inf	-Inf	3	Horizontal	92	2.08
5200MHz	Pass	PK	5.35G	56.19	74.00	-17.81	3	Horizontal	92	2.08
5200MHz	Pass	AV	15.59566G	42.17	54.00	-11.83	3	Vertical	102	2.01

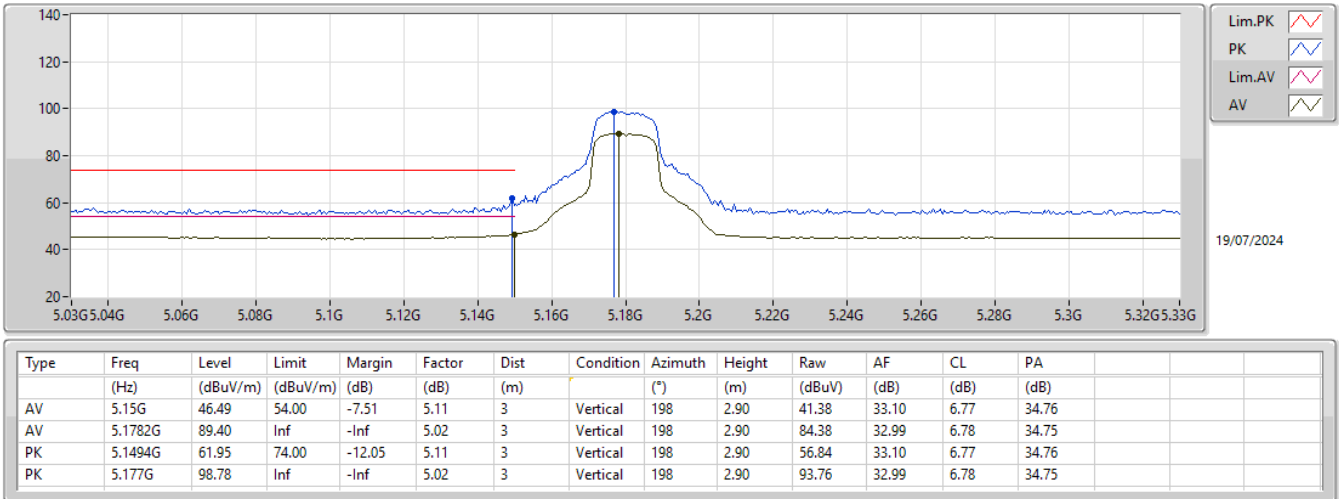
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5200MHz	Pass	PK	10.4047G	49.60	68.20	-18.60	3	Vertical	51	1.50
5200MHz	Pass	PK	15.59502G	54.90	74.00	-19.10	3	Vertical	102	2.01
5200MHz	Pass	AV	15.5962G	42.35	54.00	-11.65	3	Horizontal	159	1.69
5200MHz	Pass	PK	10.39646G	51.03	68.20	-17.17	3	Horizontal	358	2.06
5200MHz	Pass	PK	15.59908G	54.87	74.00	-19.13	3	Horizontal	159	1.69
5240MHz	Pass	AV	5.1452G	45.64	54.00	-8.36	3	Vertical	81	1.10
5240MHz	Pass	AV	5.2376G	90.21	Inf	-Inf	3	Vertical	81	1.10
5240MHz	Pass	AV	5.3834G	45.83	54.00	-8.17	3	Vertical	81	1.10
5240MHz	Pass	PK	5.1464G	58.12	74.00	-15.88	3	Vertical	81	1.10
5240MHz	Pass	PK	5.2388G	99.22	Inf	-Inf	3	Vertical	81	1.10
5240MHz	Pass	PK	5.3672G	57.75	74.00	-16.25	3	Vertical	81	1.10
5240MHz	Pass	AV	5.1398G	47.26	54.00	-6.74	3	Horizontal	90	2.16
5240MHz	Pass	AV	5.2376G	103.35	Inf	-Inf	3	Horizontal	90	2.16
5240MHz	Pass	AV	5.3792G	46.04	54.00	-7.96	3	Horizontal	90	2.16
5240MHz	Pass	PK	5.1446G	59.03	74.00	-14.97	3	Horizontal	90	2.16
5240MHz	Pass	PK	5.2424G	112.34	Inf	-Inf	3	Horizontal	90	2.16
5240MHz	Pass	PK	5.3528G	57.26	74.00	-16.74	3	Horizontal	90	2.16
5240MHz	Pass	AV	15.71822G	43.15	54.00	-10.85	3	Vertical	12	2.21
5240MHz	Pass	PK	10.4845G	49.35	68.20	-18.85	3	Vertical	146	2.95
5240MHz	Pass	PK	15.71894G	54.94	74.00	-19.06	3	Vertical	12	2.21
5240MHz	Pass	AV	15.71898G	43.14	54.00	-10.86	3	Horizontal	85	1.50
5240MHz	Pass	PK	10.48422G	51.64	68.20	-16.56	3	Horizontal	356	2.34
5240MHz	Pass	PK	15.72024G	55.10	74.00	-18.90	3	Horizontal	85	1.50
5745MHz	Pass	AV	5.4522G	45.22	54.00	-8.78	3	Vertical	145	1.03
5745MHz	Pass	AV	5.7462G	88.58	Inf	-Inf	3	Vertical	145	1.03
5745MHz	Pass	PK	5.6418G	58.98	68.20	-9.22	3	Vertical	145	1.03
5745MHz	Pass	PK	5.7426G	97.44	Inf	-Inf	3	Vertical	145	1.03
5745MHz	Pass	PK	6.0294G	59.87	68.20	-8.33	3	Vertical	145	1.03
5745MHz	Pass	AV	5.4522G	45.22	54.00	-8.78	3	Horizontal	99	1.97
5745MHz	Pass	AV	5.7438G	100.91	Inf	-Inf	3	Horizontal	99	1.97
5745MHz	Pass	PK	5.6466G	59.19	68.20	-9.01	3	Horizontal	99	1.97
5745MHz	Pass	PK	5.7426G	110.09	Inf	-Inf	3	Horizontal	99	1.97
5745MHz	Pass	PK	5.9778G	59.62	68.20	-8.58	3	Horizontal	99	1.97
5745MHz	Pass	AV	11.49462G	38.82	54.00	-15.18	3	Vertical	71	1.68
5745MHz	Pass	PK	11.48938G	51.33	74.00	-22.67	3	Vertical	71	1.68
5745MHz	Pass	PK	17.238G	55.42	68.20	-12.78	3	Vertical	8	1.60
5745MHz	Pass	AV	11.49034G	39.11	54.00	-14.89	3	Horizontal	73	1.00
5745MHz	Pass	PK	11.486G	51.43	74.00	-22.57	3	Horizontal	73	1.00
5745MHz	Pass	PK	17.23438G	55.34	68.20	-12.86	3	Horizontal	41	1.73
5785MHz	Pass	AV	5.7826G	88.53	Inf	-Inf	3	Vertical	147	1.33
5785MHz	Pass	PK	5.5918G	58.35	68.20	-9.85	3	Vertical	147	1.33
5785MHz	Pass	PK	5.7814G	97.34	Inf	-Inf	3	Vertical	147	1.33
5785MHz	Pass	PK	6.073G	59.54	68.20	-8.66	3	Vertical	147	1.33
5785MHz	Pass	AV	5.7862G	98.74	Inf	-Inf	3	Horizontal	39	1.81
5785MHz	Pass	PK	5.6386G	58.19	68.20	-10.01	3	Horizontal	39	1.81
5785MHz	Pass	PK	5.7838G	107.74	Inf	-Inf	3	Horizontal	39	1.81
5785MHz	Pass	PK	6.0754G	59.33	68.20	-8.87	3	Horizontal	39	1.81
5785MHz	Pass	AV	11.56768G	40.57	54.00	-13.43	3	Vertical	342	1.99
5785MHz	Pass	PK	11.56514G	52.72	74.00	-21.28	3	Vertical	342	1.99
5785MHz	Pass	PK	17.35032G	55.05	68.20	-13.15	3	Vertical	105	1.50
5785MHz	Pass	AV	11.56946G	40.98	54.00	-13.02	3	Horizontal	36	1.68
5785MHz	Pass	PK	11.57196G	54.31	74.00	-19.69	3	Horizontal	36	1.68
5785MHz	Pass	PK	17.3523G	54.95	68.20	-13.25	3	Horizontal	302	1.50
5825MHz	Pass	AV	5.8238G	88.94	Inf	-Inf	3	Vertical	141	1.01
5825MHz	Pass	PK	5.6234G	57.84	68.20	-10.36	3	Vertical	141	1.01
5825MHz	Pass	PK	5.8226G	98.16	Inf	-Inf	3	Vertical	141	1.01
5825MHz	Pass	PK	6.0038G	59.30	68.20	-8.90	3	Vertical	141	1.01
5825MHz	Pass	AV	5.8262G	99.28	Inf	-Inf	3	Horizontal	38	1.96
5825MHz	Pass	PK	5.627G	58.46	68.20	-9.74	3	Horizontal	38	1.96
5825MHz	Pass	PK	5.8238G	108.60	Inf	-Inf	3	Horizontal	38	1.96
5825MHz	Pass	PK	5.9594G	60.10	68.20	-8.10	3	Horizontal	38	1.96
5825MHz	Pass	AV	11.6464G	38.52	54.00	-15.48	3	Vertical	324	2.85

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	PK	11.64848G	50.97	74.00	-23.03	3	Vertical	324	2.85
5825MHz	Pass	PK	17.47934G	55.44	68.20	-12.76	3	Vertical	170	1.24
5825MHz	Pass	AV	11.64946G	38.64	54.00	-15.36	3	Horizontal	37	1.85
5825MHz	Pass	PK	11.64966G	50.72	74.00	-23.28	3	Horizontal	37	1.85
5825MHz	Pass	PK	17.47942G	55.86	68.20	-12.34	3	Horizontal	348	1.38
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1498G	47.51	54.00	-6.49	3	Vertical	197	2.49
5190MHz	Pass	AV	5.1966G	82.22	Inf	-Inf	3	Vertical	197	2.49
5190MHz	Pass	PK	5.1498G	58.66	74.00	-15.34	3	Vertical	197	2.49
5190MHz	Pass	PK	5.1846G	91.45	Inf	-Inf	3	Vertical	197	2.49
5190MHz	Pass	AV	5.1498G	53.62	54.00	-0.38	3	Horizontal	280	2.08
5190MHz	Pass	AV	5.1858G	93.11	Inf	-Inf	3	Horizontal	280	2.08
5190MHz	Pass	PK	5.1486G	69.26	74.00	-4.74	3	Horizontal	280	2.08
5190MHz	Pass	PK	5.1888G	102.34	Inf	-Inf	3	Horizontal	280	2.08
5190MHz	Pass	AV	15.56868G	43.07	54.00	-10.93	3	Vertical	222	2.32
5190MHz	Pass	PK	10.38396G	49.99	68.20	-18.21	3	Vertical	333	1.18
5190MHz	Pass	PK	15.56564G	55.64	74.00	-18.36	3	Vertical	222	2.32
5190MHz	Pass	AV	15.572G	43.22	54.00	-10.78	3	Horizontal	274	1.50
5190MHz	Pass	PK	10.38274G	50.03	68.20	-18.17	3	Horizontal	352	3.00
5190MHz	Pass	PK	15.57168G	54.88	74.00	-19.12	3	Horizontal	274	1.50
5230MHz	Pass	AV	5.1472G	46.43	54.00	-7.57	3	Vertical	194	2.70
5230MHz	Pass	AV	5.2324G	89.32	Inf	-Inf	3	Vertical	194	2.70
5230MHz	Pass	AV	5.362G	45.85	54.00	-8.15	3	Vertical	194	2.70
5230MHz	Pass	PK	5.113G	57.24	74.00	-16.76	3	Vertical	194	2.70
5230MHz	Pass	PK	5.2378G	98.61	Inf	-Inf	3	Vertical	194	2.70
5230MHz	Pass	PK	5.359G	58.44	74.00	-15.56	3	Vertical	194	2.70
5230MHz	Pass	AV	5.15G	49.68	54.00	-4.32	3	Horizontal	95	2.16
5230MHz	Pass	AV	5.2324G	99.78	Inf	-Inf	3	Horizontal	95	2.16
5230MHz	Pass	AV	5.359G	46.25	54.00	-7.75	3	Horizontal	95	2.16
5230MHz	Pass	PK	5.15G	64.33	74.00	-9.67	3	Horizontal	95	2.16
5230MHz	Pass	PK	5.233G	108.63	Inf	-Inf	3	Horizontal	95	2.16
5230MHz	Pass	PK	5.3518G	59.16	74.00	-14.84	3	Horizontal	95	2.16
5230MHz	Pass	AV	15.69142G	43.06	54.00	-10.94	3	Vertical	277	1.50
5230MHz	Pass	PK	10.45574G	49.31	68.20	-18.89	3	Vertical	148	2.18
5230MHz	Pass	PK	15.69098G	55.35	74.00	-18.65	3	Vertical	277	1.50
5230MHz	Pass	AV	15.69086G	43.23	54.00	-10.77	3	Horizontal	243	2.88
5230MHz	Pass	PK	10.45978G	49.16	68.20	-19.04	3	Horizontal	23	1.50
5230MHz	Pass	PK	15.68866G	55.22	74.00	-18.78	3	Horizontal	243	2.88
5755MHz	Pass	AV	5.4586G	45.67	54.00	-8.33	3	Vertical	40	1.01
5755MHz	Pass	AV	5.7586G	87.25	Inf	-Inf	3	Vertical	40	1.01
5755MHz	Pass	PK	5.5546G	58.32	68.20	-9.88	3	Vertical	40	1.01
5755MHz	Pass	PK	5.7586G	96.68	Inf	-Inf	3	Vertical	40	1.01
5755MHz	Pass	PK	5.983G	58.82	68.20	-9.38	3	Vertical	40	1.01
5755MHz	Pass	AV	5.4586G	45.47	54.00	-8.53	3	Horizontal	98	2.07
5755MHz	Pass	AV	5.7538G	98.31	Inf	-Inf	3	Horizontal	98	2.07
5755MHz	Pass	PK	5.6482G	61.62	68.20	-6.58	3	Horizontal	98	2.07
5755MHz	Pass	PK	5.7514G	107.14	Inf	-Inf	3	Horizontal	98	2.07
5755MHz	Pass	PK	5.9938G	59.04	68.20	-9.16	3	Horizontal	98	2.07
5755MHz	Pass	AV	11.50884G	38.45	54.00	-15.55	3	Vertical	128	2.75
5755MHz	Pass	PK	11.50612G	49.29	74.00	-24.71	3	Vertical	128	2.75
5755MHz	Pass	PK	17.2643G	54.70	68.20	-13.50	3	Vertical	101	2.91
5755MHz	Pass	AV	11.50934G	38.45	54.00	-15.55	3	Horizontal	336	1.31
5755MHz	Pass	PK	11.50564G	49.70	74.00	-24.30	3	Horizontal	336	1.31
5755MHz	Pass	PK	17.26902G	55.10	68.20	-13.10	3	Horizontal	246	1.88
5795MHz	Pass	AV	5.7998G	85.36	Inf	-Inf	3	Vertical	149	3.00
5795MHz	Pass	PK	5.5886G	58.74	68.20	-9.46	3	Vertical	149	3.00
5795MHz	Pass	PK	5.7974G	93.93	Inf	-Inf	3	Vertical	149	3.00
5795MHz	Pass	PK	5.9738G	59.47	68.20	-8.73	3	Vertical	149	3.00
5795MHz	Pass	AV	5.7878G	95.91	Inf	-Inf	3	Horizontal	40	1.80
5795MHz	Pass	PK	5.609G	58.04	68.20	-10.16	3	Horizontal	40	1.80
5795MHz	Pass	PK	5.7878G	105.41	Inf	-Inf	3	Horizontal	40	1.80
5795MHz	Pass	PK	6.0386G	59.76	68.20	-8.44	3	Horizontal	40	1.80

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5795MHz	Pass	AV	11.585G	38.35	54.00	-15.65	3	Vertical	180	2.60
5795MHz	Pass	PK	11.58972G	49.73	74.00	-24.27	3	Vertical	180	2.60
5795MHz	Pass	PK	17.38072G	54.53	68.20	-13.67	3	Vertical	242	2.14
5795MHz	Pass	AV	11.58846G	38.50	54.00	-15.50	3	Horizontal	331	2.19
5795MHz	Pass	PK	11.59082G	49.72	74.00	-24.28	3	Horizontal	331	2.19
5795MHz	Pass	PK	17.38992G	55.88	68.20	-12.32	3	Horizontal	86	1.35
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	46.63	54.00	-7.37	3	Vertical	197	2.46
5210MHz	Pass	AV	5.218G	77.19	Inf	-Inf	3	Vertical	197	2.46
5210MHz	Pass	AV	5.362G	46.25	54.00	-7.75	3	Vertical	197	2.46
5210MHz	Pass	PK	5.134G	57.55	74.00	-16.45	3	Vertical	197	2.46
5210MHz	Pass	PK	5.209G	88.18	Inf	-Inf	3	Vertical	197	2.46
5210MHz	Pass	PK	5.373G	57.48	74.00	-16.52	3	Vertical	197	2.46
5210MHz	Pass	AV	5.15G	53.62	54.00	-0.38	3	Horizontal	282	2.10
5210MHz	Pass	AV	5.227G	87.32	Inf	-Inf	3	Horizontal	282	2.10
5210MHz	Pass	AV	5.357G	46.63	54.00	-7.37	3	Horizontal	282	2.10
5210MHz	Pass	PK	5.148G	65.72	74.00	-8.28	3	Horizontal	282	2.10
5210MHz	Pass	PK	5.223G	96.43	Inf	-Inf	3	Horizontal	282	2.10
5210MHz	Pass	PK	5.391G	57.86	74.00	-16.14	3	Horizontal	282	2.10
5210MHz	Pass	AV	15.62696G	42.41	54.00	-11.59	3	Vertical	175	2.66
5210MHz	Pass	PK	10.415G	49.27	68.20	-18.93	3	Vertical	2	1.42
5210MHz	Pass	PK	15.63256G	53.22	74.00	-20.78	3	Vertical	175	2.66
5210MHz	Pass	AV	15.62652G	42.41	54.00	-11.59	3	Horizontal	328	2.87
5210MHz	Pass	PK	10.42132G	50.22	68.20	-17.98	3	Horizontal	317	1.62
5210MHz	Pass	PK	15.6282G	53.56	74.00	-20.44	3	Horizontal	328	2.87
5775MHz	Pass	AV	5.7738G	82.55	Inf	-Inf	3	Vertical	147	3.00
5775MHz	Pass	PK	5.6322G	58.41	68.20	-9.79	3	Vertical	147	3.00
5775MHz	Pass	PK	5.775G	92.23	Inf	-Inf	3	Vertical	147	3.00
5775MHz	Pass	PK	6.0438G	59.13	68.20	-9.07	3	Vertical	147	3.00
5775MHz	Pass	AV	5.7594G	95.62	Inf	-Inf	3	Horizontal	99	2.08
5775MHz	Pass	PK	5.6466G	64.75	68.20	-3.45	3	Horizontal	99	2.08
5775MHz	Pass	PK	5.7486G	104.90	Inf	-Inf	3	Horizontal	99	2.08
5775MHz	Pass	PK	5.9274G	62.46	68.20	-5.74	3	Horizontal	99	2.08
5775MHz	Pass	AV	11.54986G	39.21	54.00	-14.79	3	Vertical	118	2.43
5775MHz	Pass	PK	11.54972G	50.90	74.00	-23.10	3	Vertical	118	2.43
5775MHz	Pass	PK	17.32444G	54.75	68.20	-13.45	3	Vertical	132	1.95
5775MHz	Pass	AV	11.54684G	39.02	54.00	-14.98	3	Horizontal	91	1.97
5775MHz	Pass	PK	11.55224G	50.78	74.00	-23.22	3	Horizontal	91	1.97
5775MHz	Pass	PK	17.32304G	54.70	68.20	-13.50	3	Horizontal	1	2.91

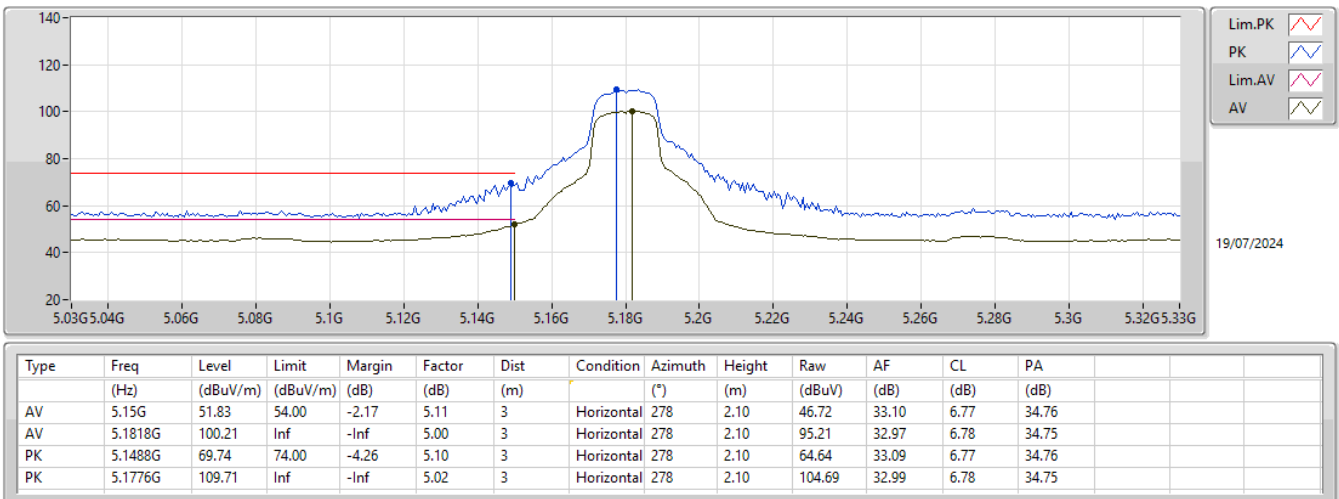
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



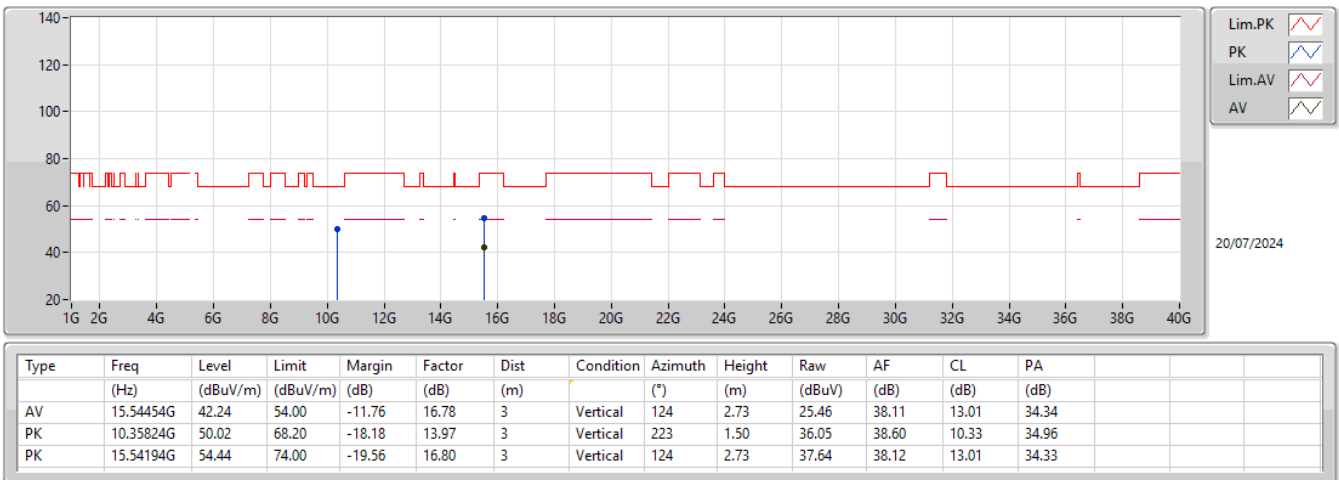
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



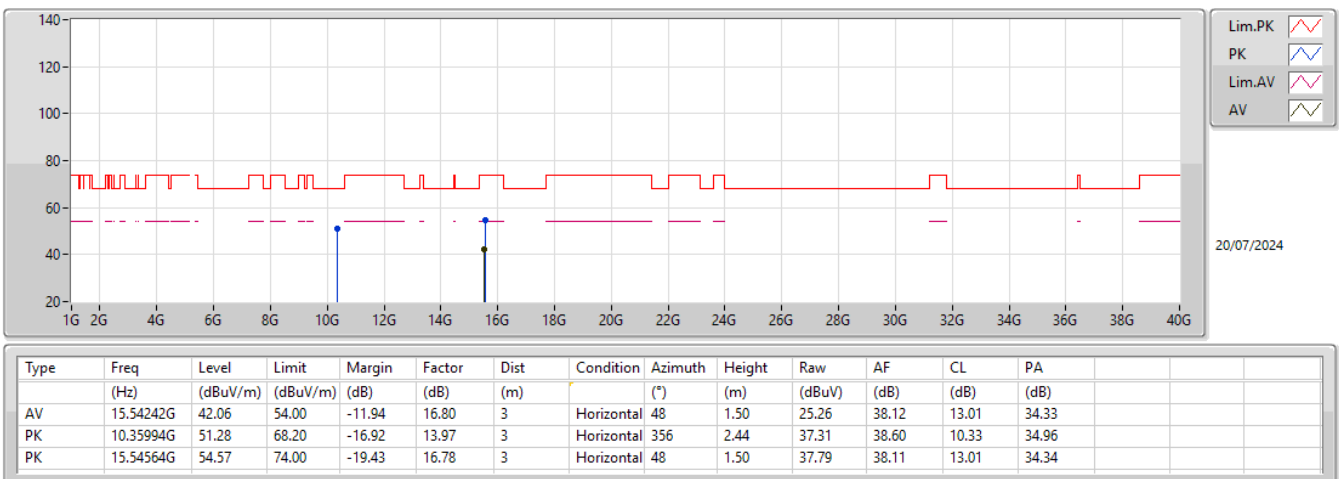
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



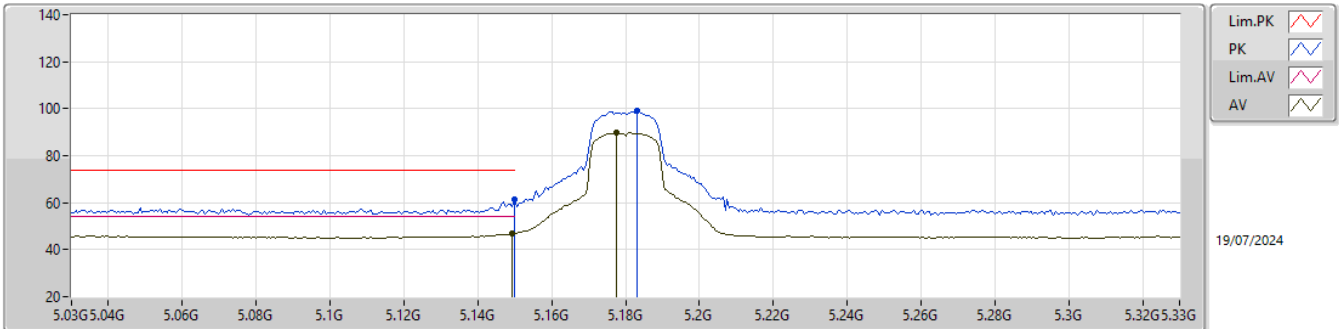
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

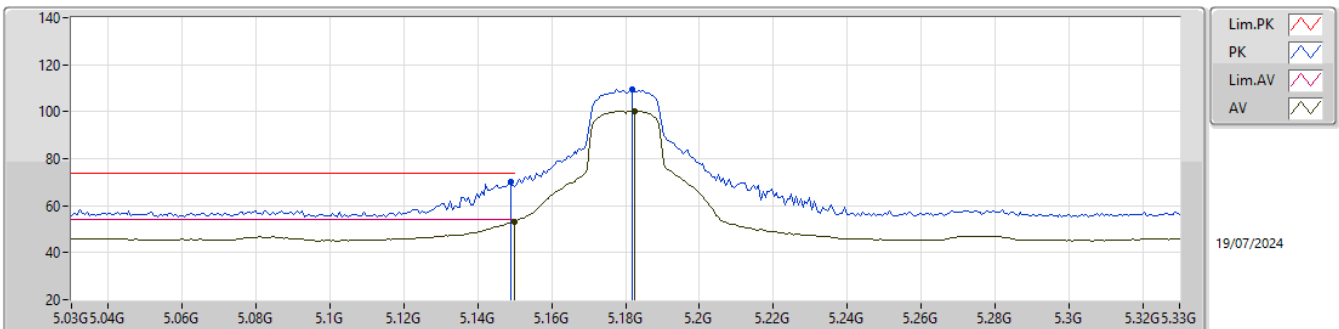
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1494G	46.86	54.00	-7.14	5.11	3	Vertical	194	2.90	41.75	33.10	6.77	34.76
AV	5.1776G	89.63	Inf	-Inf	5.02	3	Vertical	194	2.90	84.61	32.99	6.78	34.75
PK	5.15G	61.23	74.00	-12.77	5.11	3	Vertical	194	2.90	56.12	33.10	6.77	34.76
PK	5.183G	98.90	Inf	-Inf	5.00	3	Vertical	194	2.90	93.90	32.97	6.78	34.75

5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

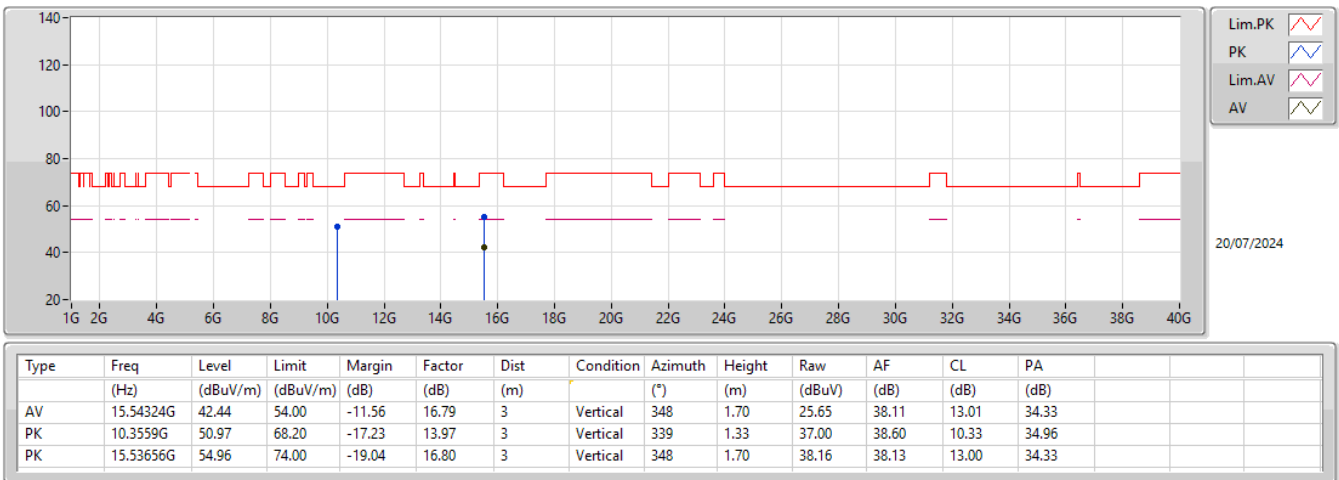
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.24	54.00	-0.76	5.11	3	Horizontal	282	2.10	48.13	33.10	6.77	34.76
AV	5.1824G	100.29	Inf	-Inf	5.00	3	Horizontal	282	2.10	95.29	32.97	6.78	34.75
PK	5.1488G	70.12	74.00	-3.88	5.10	3	Horizontal	282	2.10	65.02	33.09	6.77	34.76
PK	5.1818G	109.43	Inf	-Inf	5.00	3	Horizontal	282	2.10	104.43	32.97	6.78	34.75

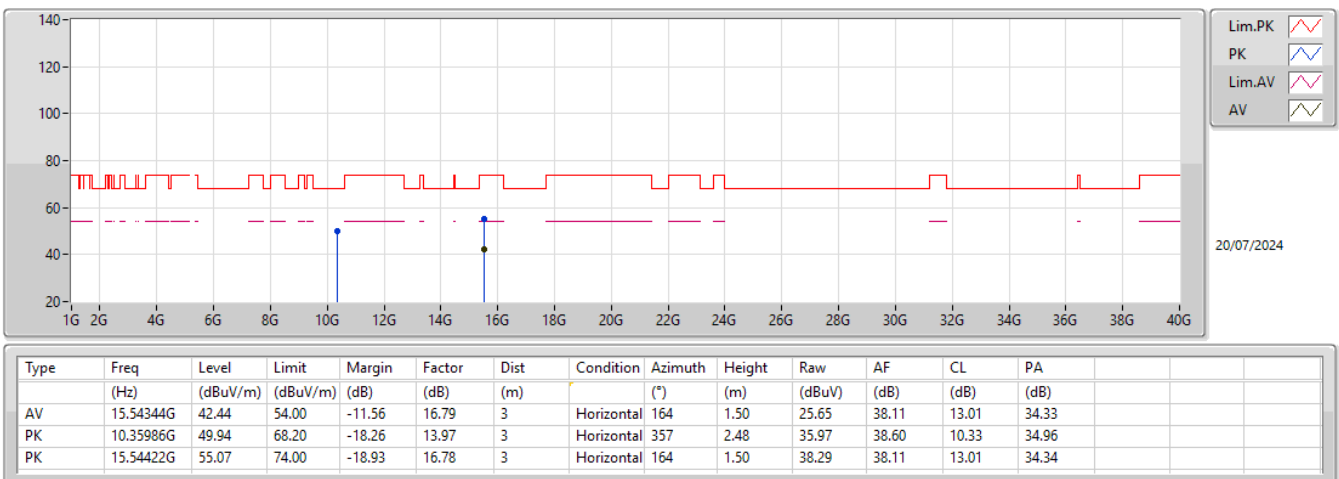
5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5180MHz_TX



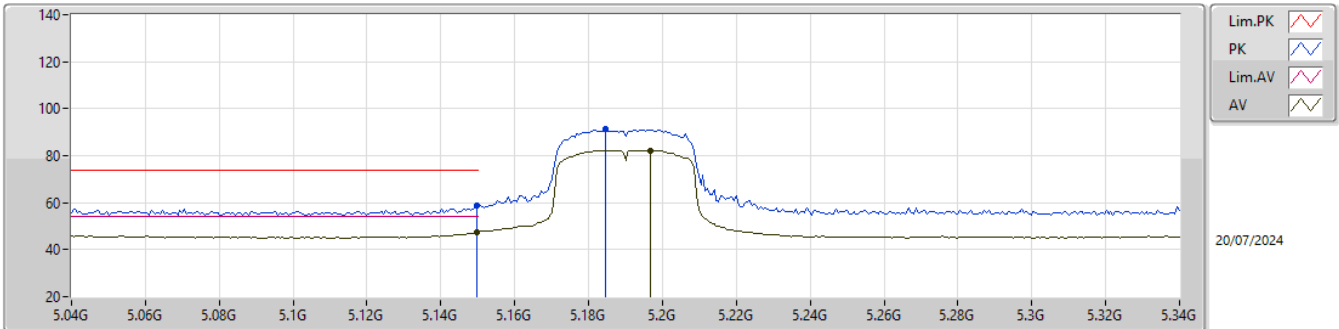
5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5180MHz_TX



5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

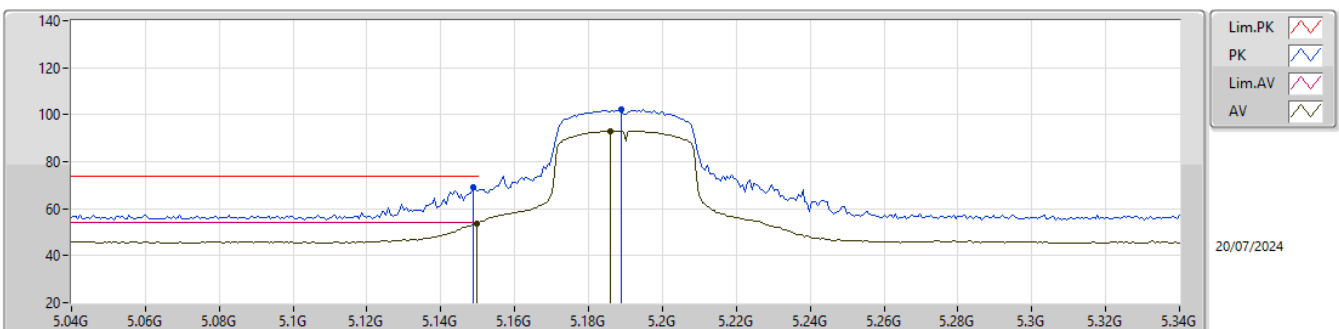
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	47.51	54.00	-6.49	5.11	3	Vertical	197	2.49	42.40	33.10	6.77	34.76
AV	5.1966G	82.22	Inf	-Inf	4.95	3	Vertical	197	2.49	77.27	32.91	6.79	34.75
PK	5.1498G	58.66	74.00	-15.34	5.11	3	Vertical	197	2.49	53.55	33.10	6.77	34.76
PK	5.1846G	91.45	Inf	-Inf	4.99	3	Vertical	197	2.49	86.46	32.96	6.78	34.75

5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

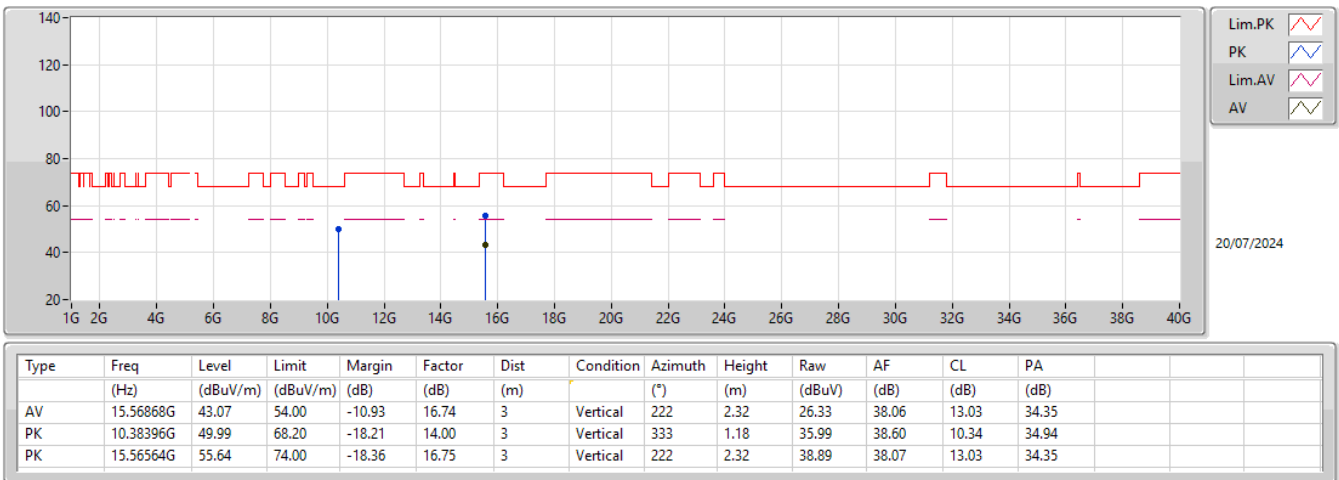
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	53.62	54.00	-0.38	5.11	3	Horizontal	280	2.08	48.51	33.10	6.77	34.76
AV	5.1858G	93.11	Inf	-Inf	5.00	3	Horizontal	280	2.08	88.11	32.96	6.79	34.75
PK	5.1496G	69.26	74.00	-4.74	5.10	3	Horizontal	280	2.08	64.16	33.09	6.77	34.76
PK	5.1888G	102.34	Inf	-Inf	4.98	3	Horizontal	280	2.08	97.36	32.94	6.79	34.75

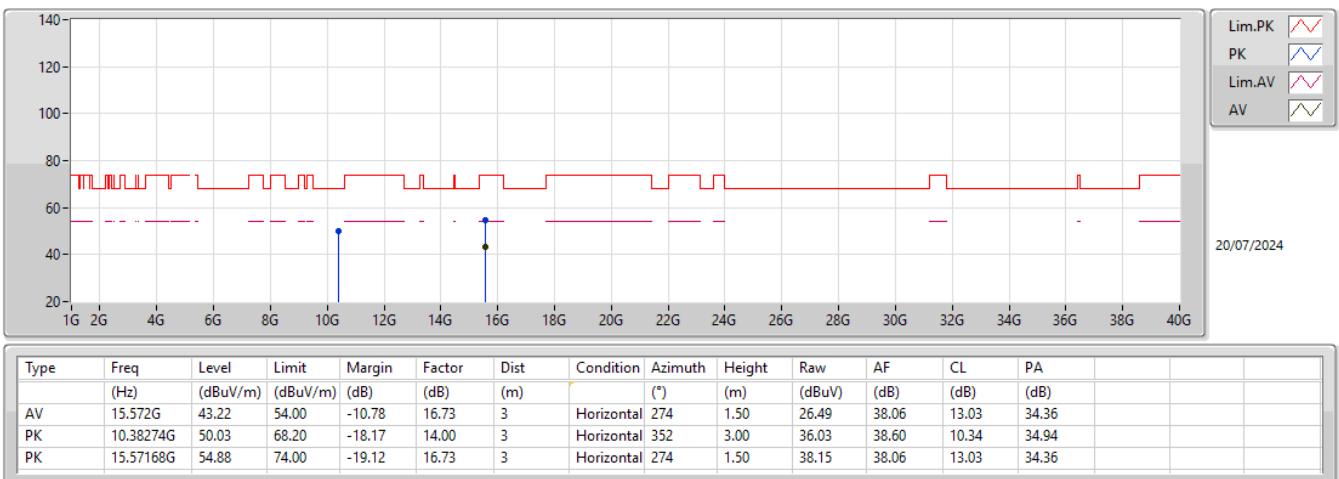
5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX



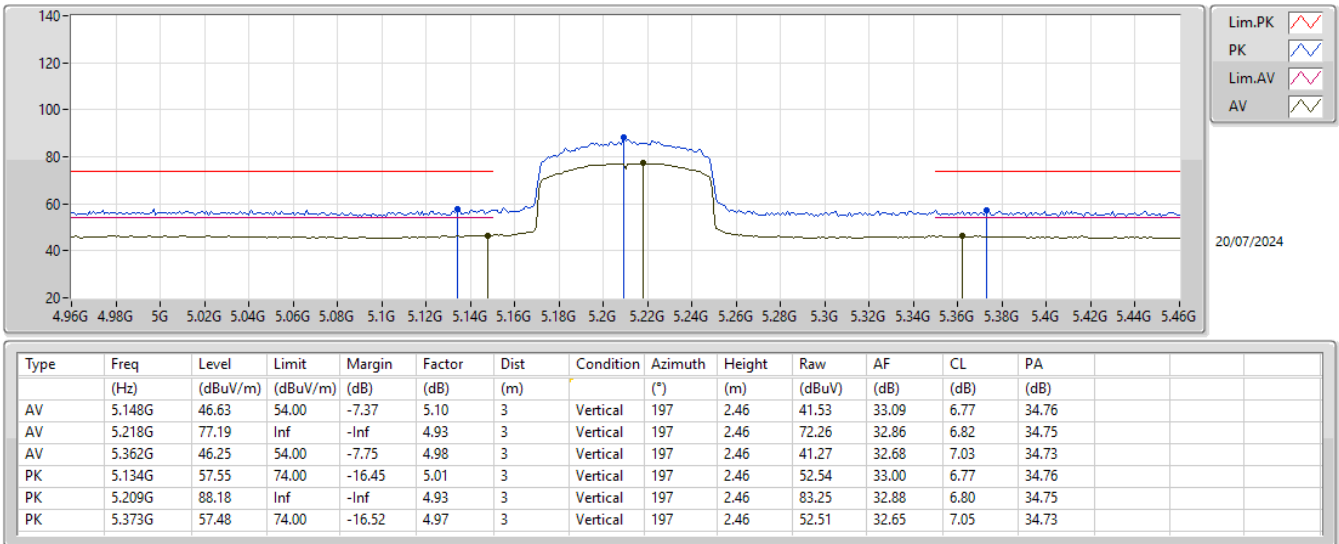
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5190MHz_TX



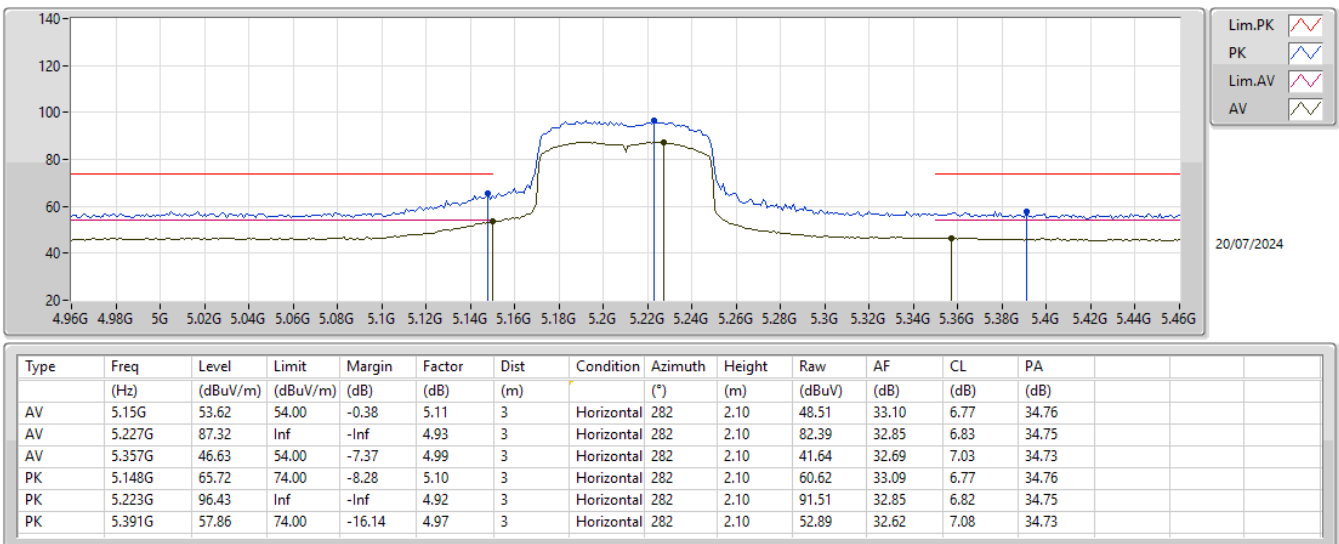
5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX



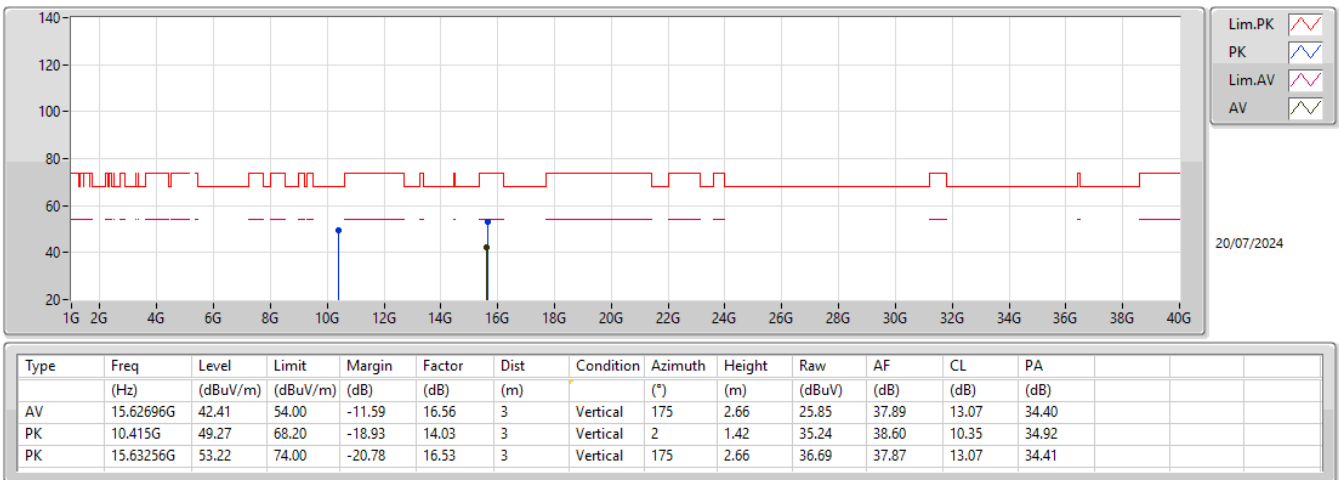
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5210MHz_TX



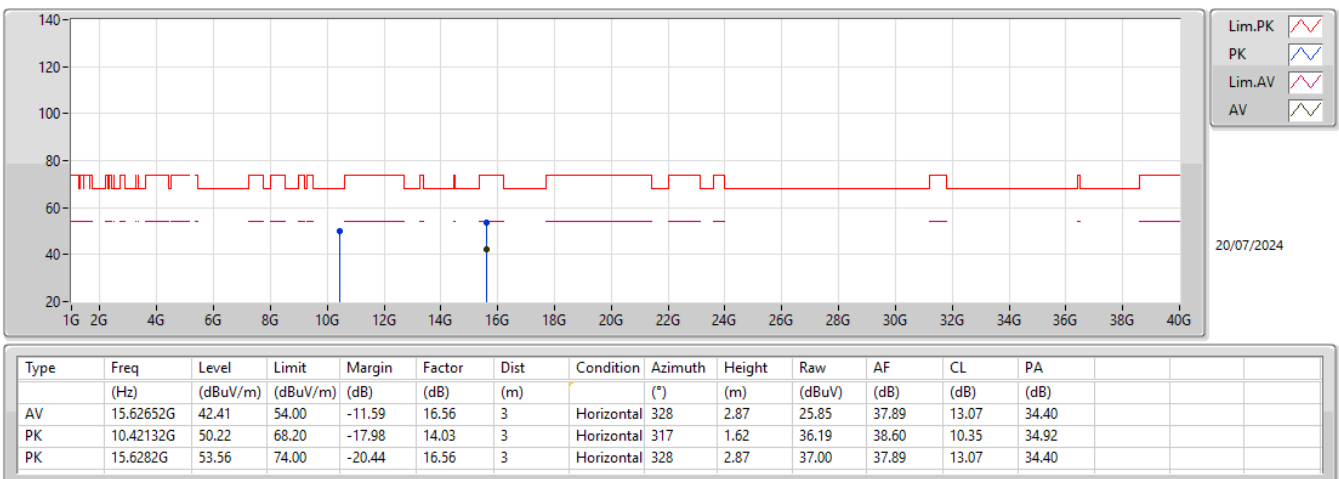
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5210MHz_TX



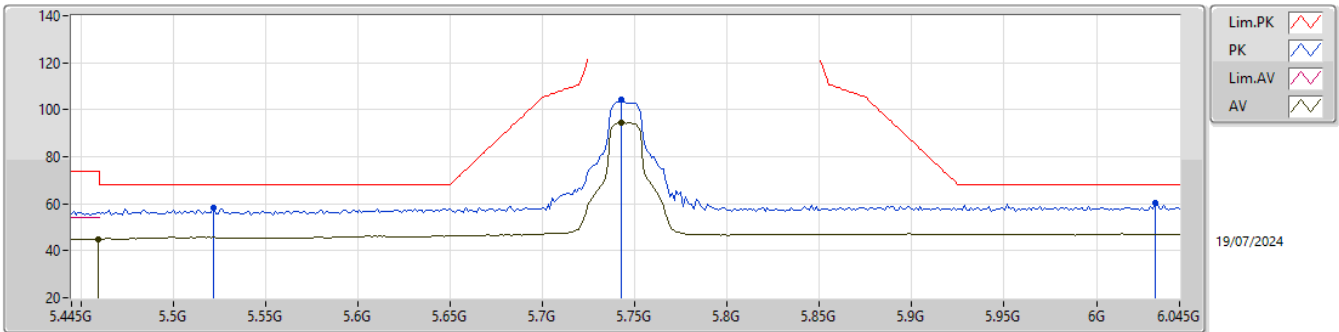
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5210MHz_TX



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

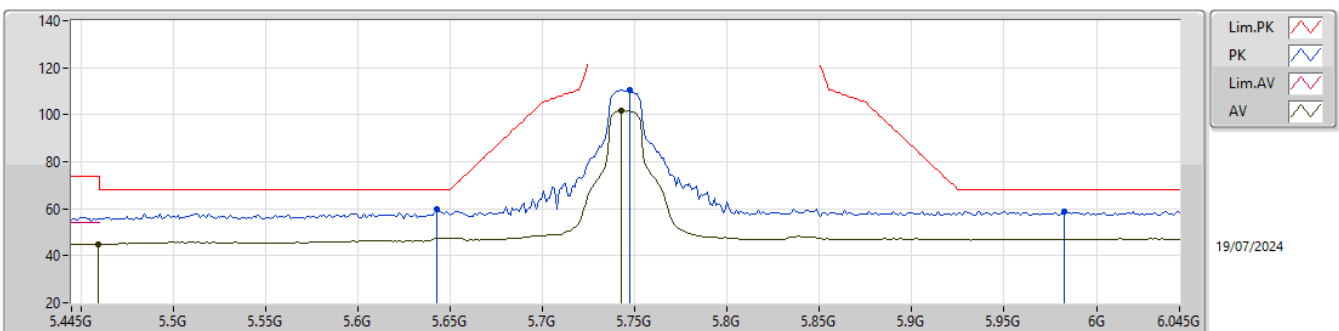
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4594G	44.84	54.00	-9.16	5.01	3	Vertical	193	2.78	39.83	32.62	7.11	34.72
AV	5.7426G	94.60	Inf	-Inf	6.01	3	Vertical	193	2.78	88.59	33.57	7.21	34.77
PK	5.5218G	58.05	68.20	-10.15	5.11	3	Vertical	193	2.78	52.94	32.70	7.13	34.72
PK	5.7426G	104.41	Inf	-Inf	6.01	3	Vertical	193	2.78	98.40	33.57	7.21	34.77
PK	6.0318G	60.20	68.20	-8.00	6.45	3	Vertical	193	2.78	53.75	33.90	7.36	34.81

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

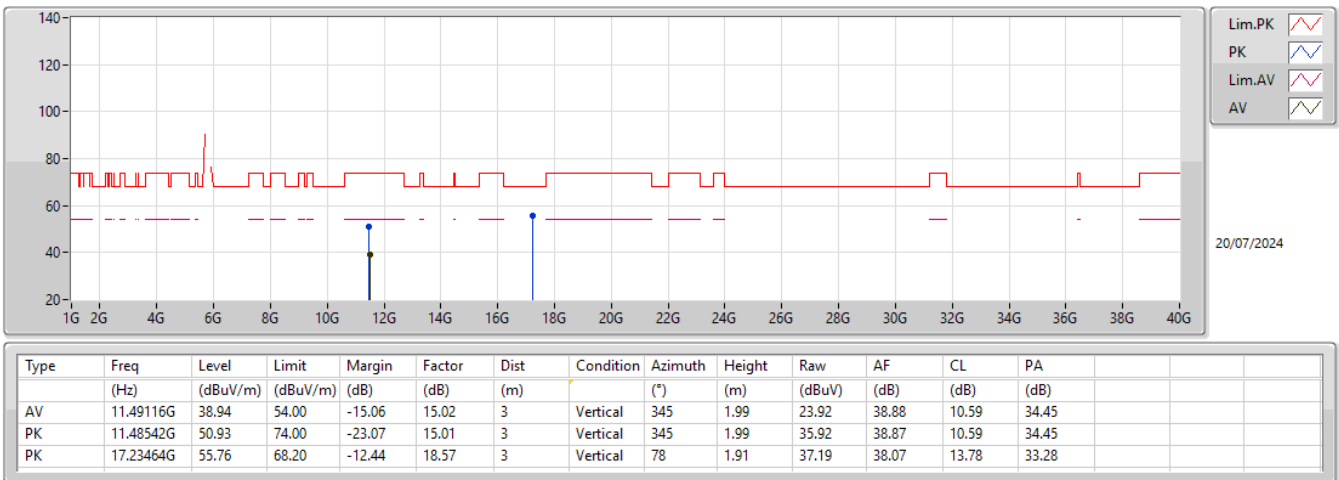
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4594G	45.06	54.00	-8.94	5.01	3	Horizontal	99	1.98	40.05	32.62	7.11	34.72
AV	5.7426G	101.61	Inf	-Inf	6.01	3	Horizontal	99	1.98	95.60	33.57	7.21	34.77
PK	5.643G	59.59	68.20	-8.61	5.40	3	Horizontal	99	1.98	54.19	32.97	7.18	34.75
PK	5.7474G	110.41	Inf	-Inf	6.03	3	Horizontal	99	1.98	104.38	33.59	7.21	34.77
PK	5.9826G	58.86	68.20	-9.34	6.44	3	Horizontal	99	1.98	52.42	33.93	7.33	34.82

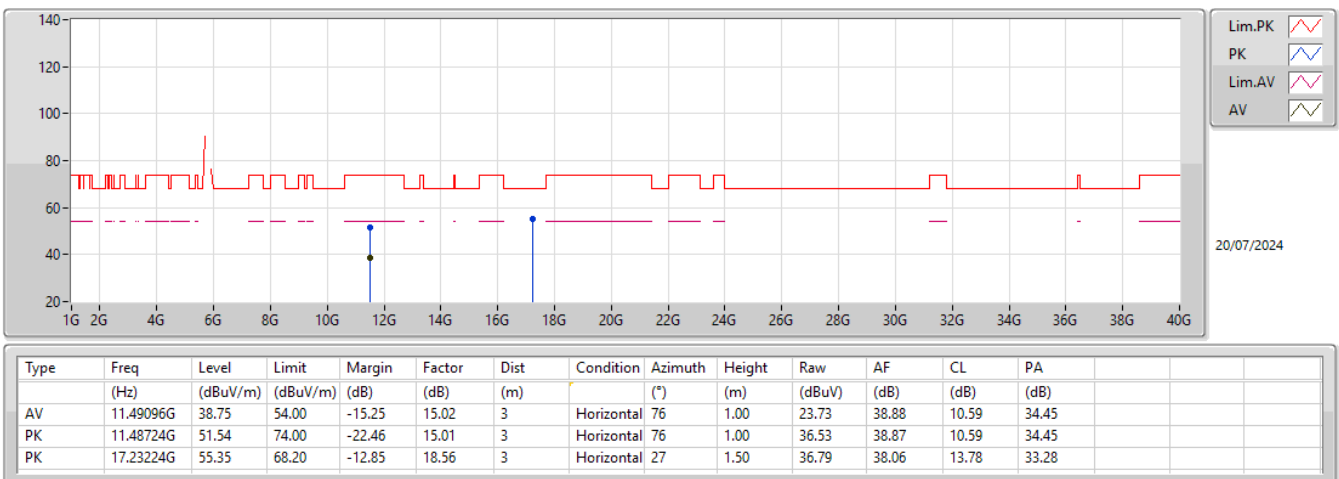
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX



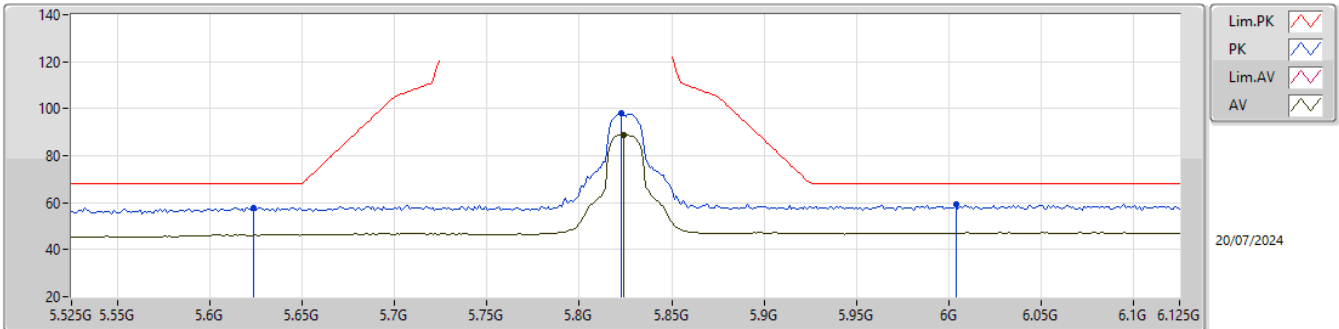
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX



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

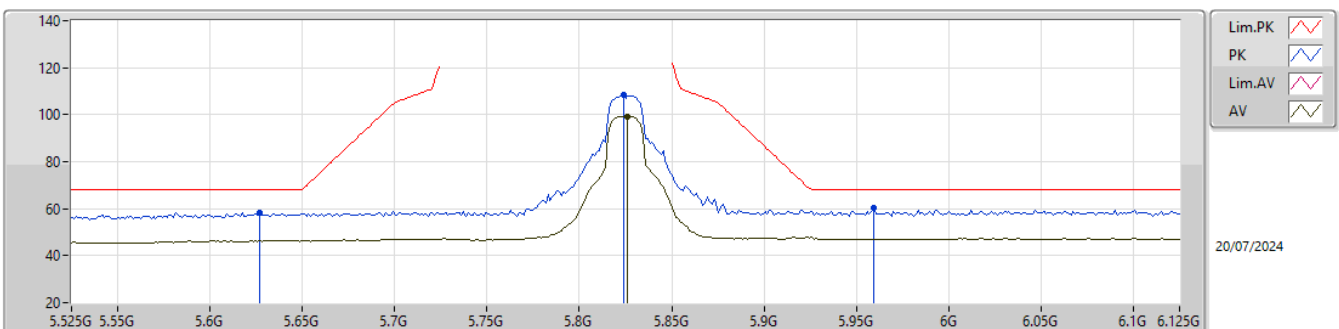
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8238G	88.94	Inf	-Inf	6.36	3	Vertical	141	1.01	82.58	33.90	7.24	34.78
PK	5.8234G	57.84	68.20	-10.36	5.32	3	Vertical	141	1.01	52.52	32.89	7.17	34.74
PK	5.8226G	98.16	Inf	-Inf	6.36	3	Vertical	141	1.01	91.80	33.90	7.24	34.78
PK	6.0038G	59.30	68.20	-8.90	6.42	3	Vertical	141	1.01	52.88	33.90	7.34	34.82

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

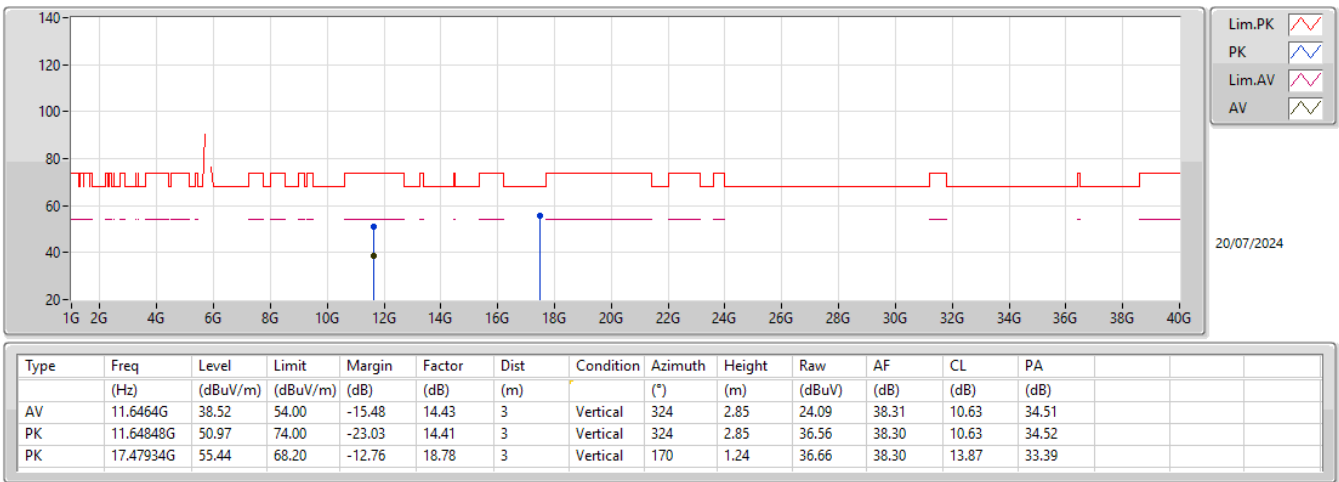
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	99.28	Inf	-Inf	6.35	3	Horizontal	38	1.96	92.93	33.90	7.24	34.79
PK	5.827G	58.46	68.20	-9.74	5.33	3	Horizontal	38	1.96	53.13	32.91	7.17	34.75
PK	5.8238G	108.60	Inf	-Inf	6.36	3	Horizontal	38	1.96	102.24	33.90	7.24	34.78
PK	5.9594G	60.10	68.20	-8.10	6.49	3	Horizontal	38	1.96	53.61	33.98	7.32	34.81

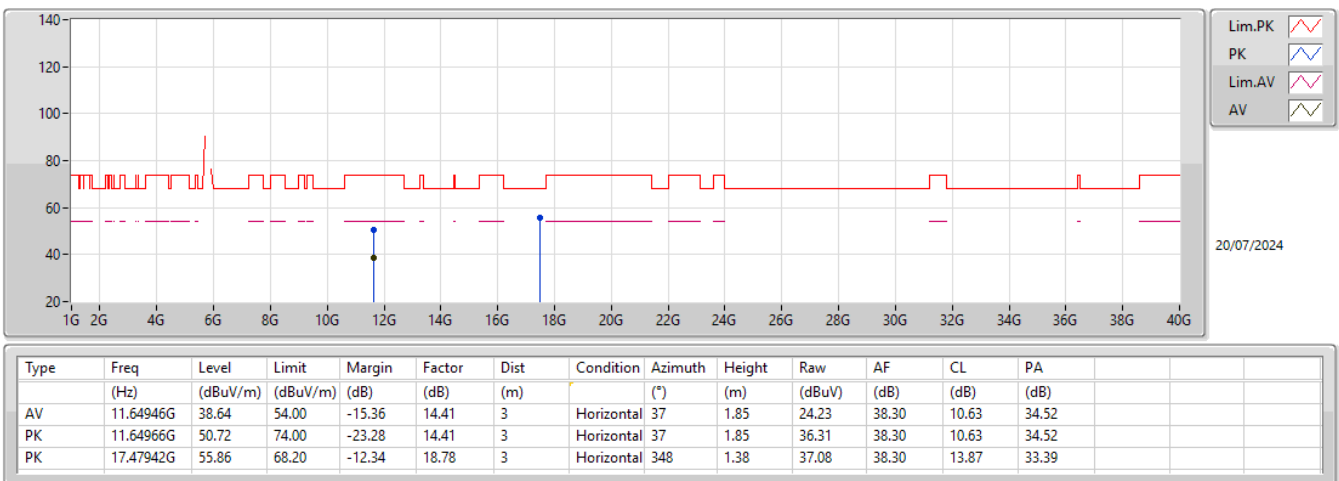
5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5825MHz_TX



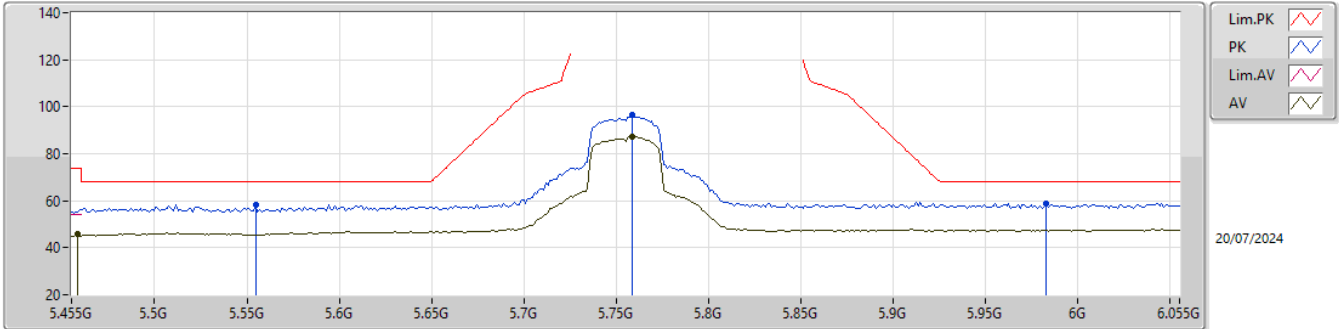
5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5825MHz_TX



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

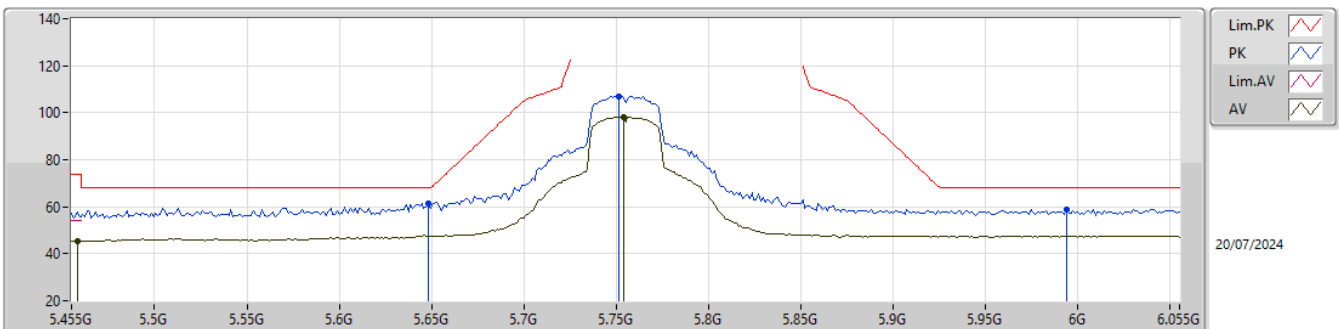
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4586G	45.67	54.00	-8.33	5.01	3	Vertical	40	1.01	40.66	32.62	7.11	34.72				
AV	5.7586G	87.25	Inf	-Inf	6.10	3	Vertical	40	1.01	81.15	33.65	7.22	34.77				
PK	5.5546G	58.32	68.20	-9.88	5.12	3	Vertical	40	1.01	53.20	32.71	7.14	34.73				
PK	5.7586G	96.68	Inf	-Inf	6.10	3	Vertical	40	1.01	90.58	33.65	7.22	34.77				
PK	5.983G	58.82	68.20	-9.38	6.44	3	Vertical	40	1.01	52.38	33.93	7.33	34.82				

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

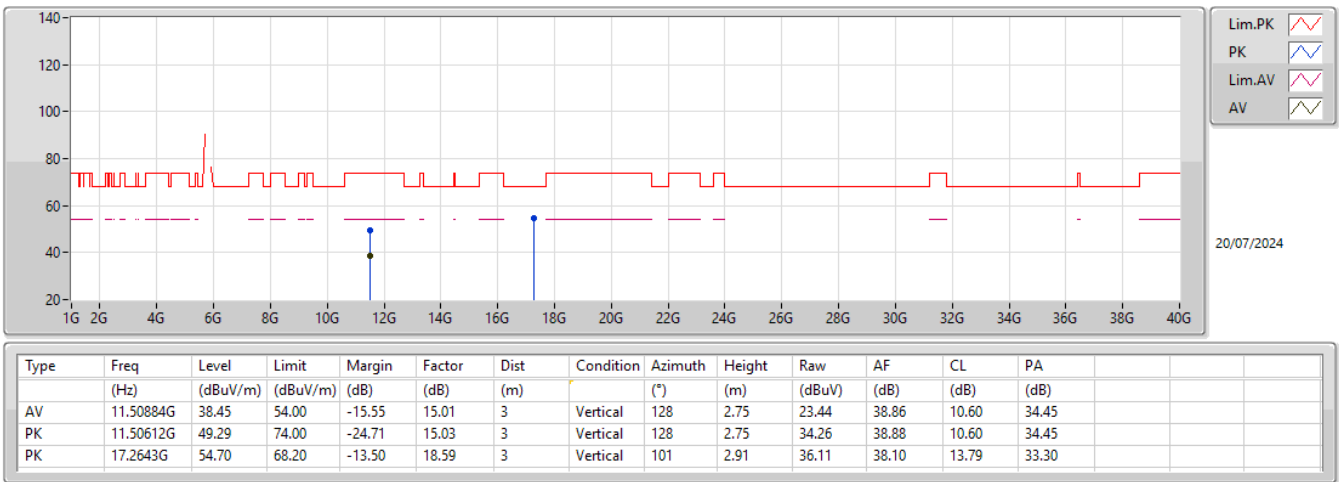
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4586G	45.47	54.00	-8.53	5.01	3	Horizontal	98	2.07	40.46	32.62	7.11	34.72				
AV	5.7538G	98.31	Inf	-Inf	6.06	3	Horizontal	98	2.07	92.25	33.62	7.21	34.77				
PK	5.6482G	61.62	68.20	-6.58	5.42	3	Horizontal	98	2.07	56.20	32.99	7.18	34.75				
PK	5.7514G	107.14	Inf	-Inf	6.05	3	Horizontal	98	2.07	101.09	33.61	7.21	34.77				
PK	5.9938G	59.04	68.20	-9.16	6.43	3	Horizontal	98	2.07	52.61	33.91	7.34	34.82				

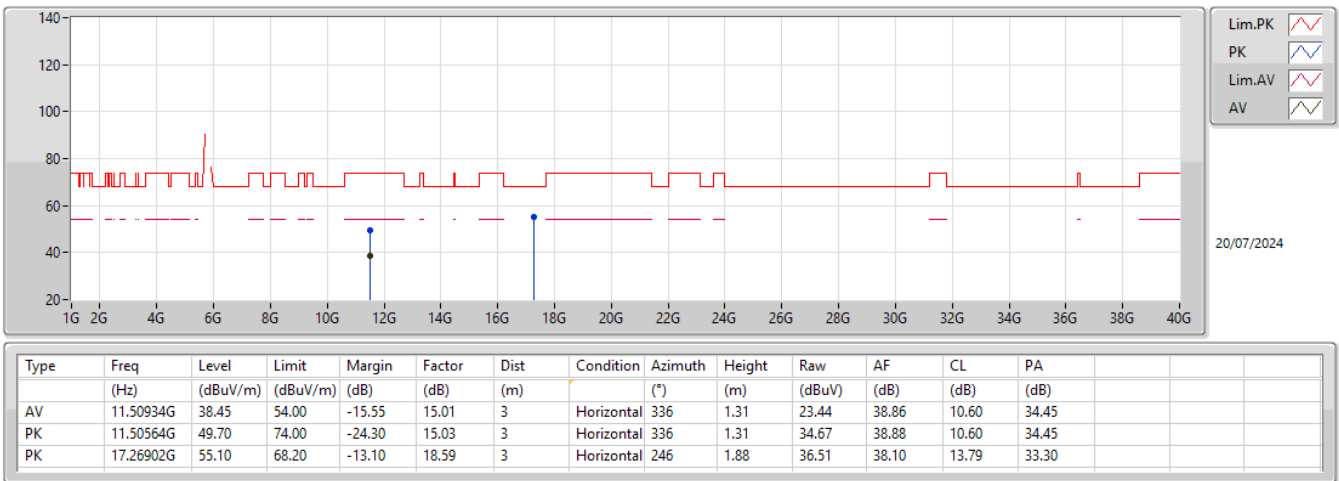
5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5755MHz_TX



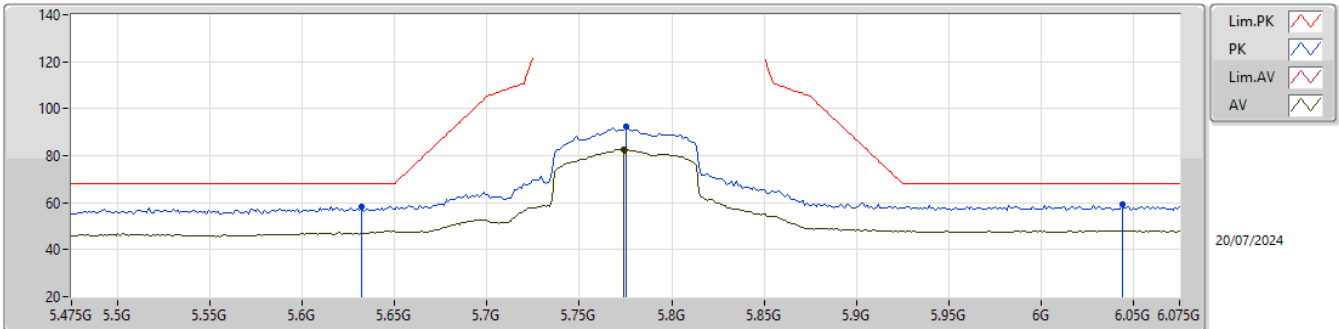
5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5755MHz_TX



5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

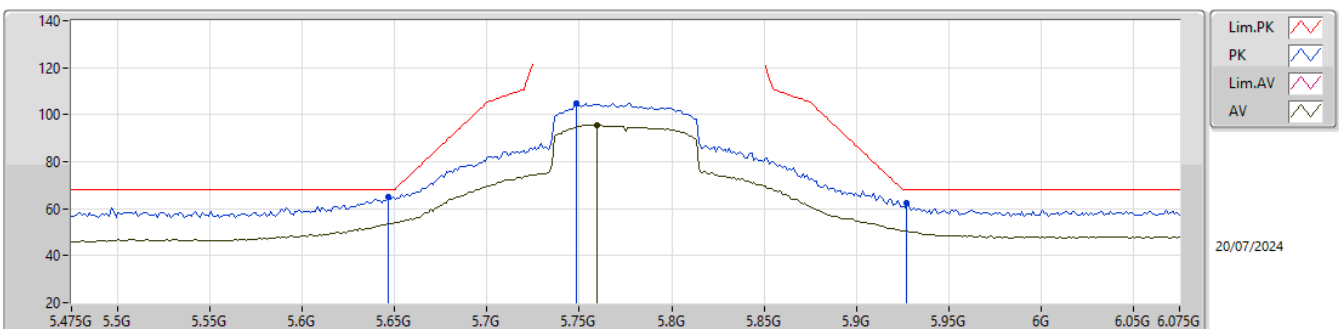
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7738G	82.55	Inf	-Inf	6.19	3	Vertical	147	3.00	76.36	33.74	7.22	34.77
PK	5.6322G	58.41	68.20	-9.79	5.35	3	Vertical	147	3.00	53.06	32.93	7.17	34.75
PK	5.775G	92.23	Inf	-Inf	6.20	3	Vertical	147	3.00	86.03	33.75	7.22	34.77
PK	6.0438G	59.13	68.20	-9.07	6.46	3	Vertical	147	3.00	52.67	33.90	7.37	34.81

5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

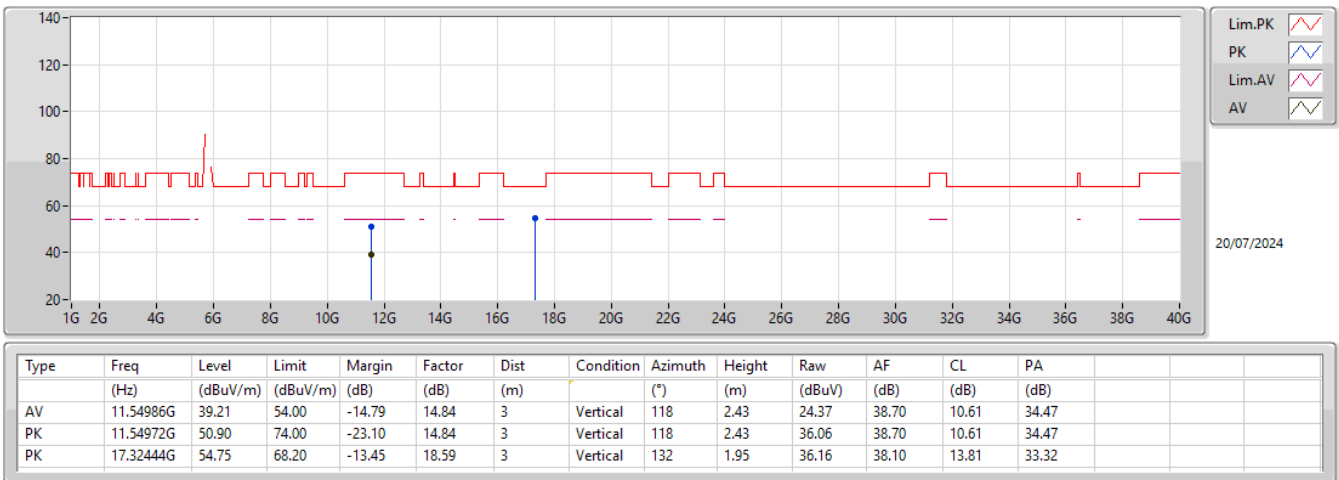
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7594G	95.62	Inf	-Inf	6.11	3	Horizontal	99	2.08	89.51	33.66	7.22	34.77
PK	5.6466G	64.75	68.20	-3.45	5.42	3	Horizontal	99	2.08	59.33	32.99	7.18	34.75
PK	5.7486G	104.90	Inf	-Inf	6.03	3	Horizontal	99	2.08	98.87	33.59	7.21	34.77
PK	5.9274G	62.46	68.20	-5.74	6.54	3	Horizontal	99	2.08	55.92	34.05	7.30	34.81

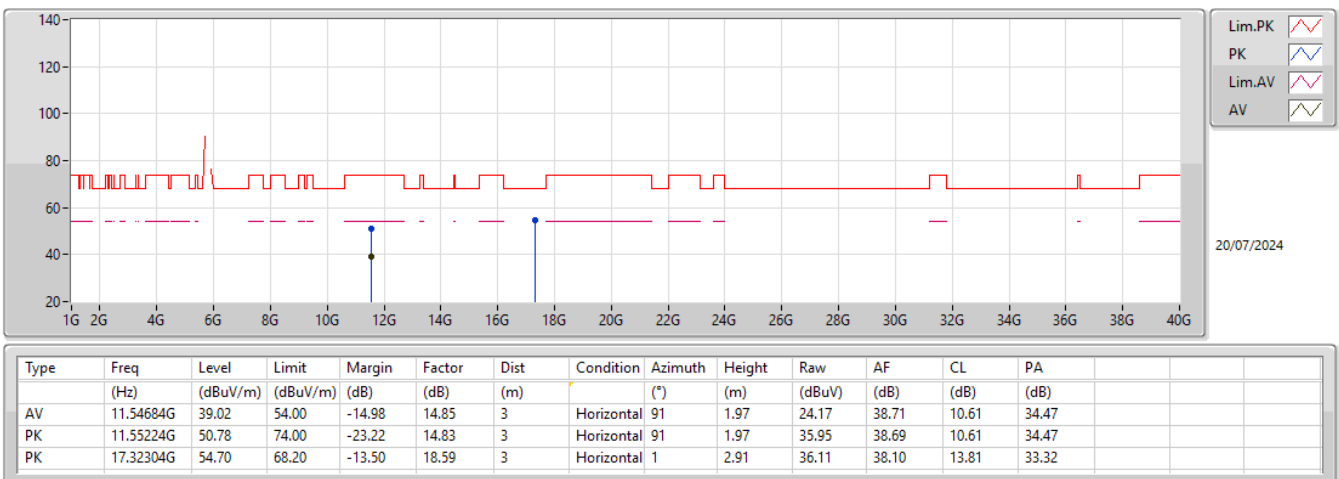
5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX



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

5775MHz_TX





Summary

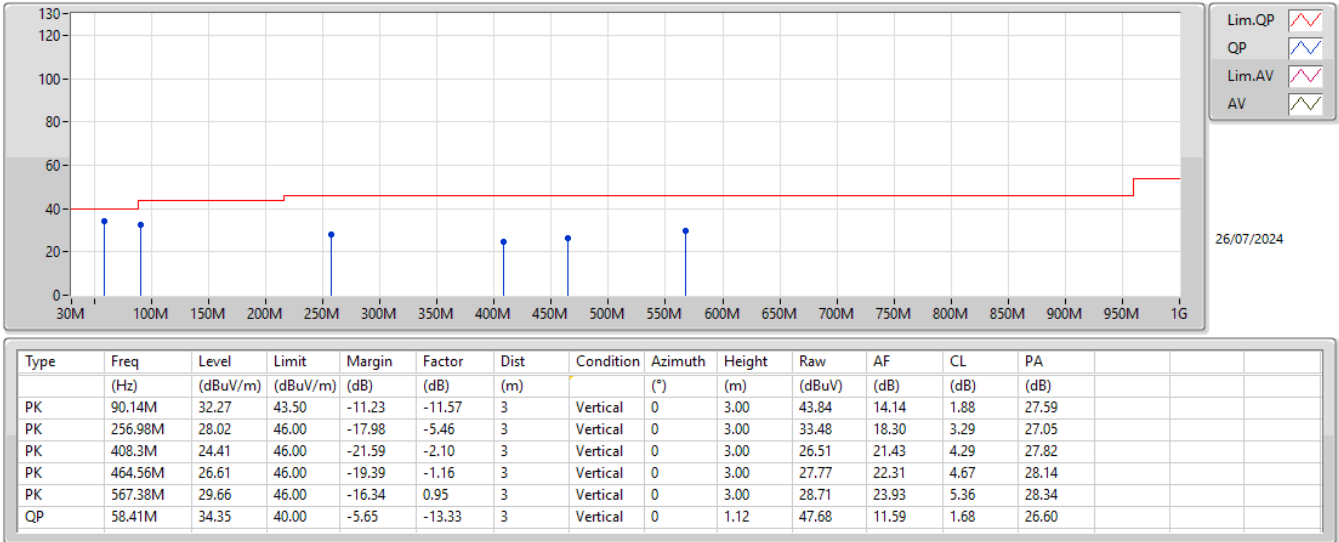
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	QP	58.41M	34.35	40.00	-5.65	3	Vertical	0	1.12

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5775MHz_Adapter	Pass	PK	90.14M	32.27	43.50	-11.23	3	Vertical	0	3.00
5775MHz_Adapter	Pass	PK	256.98M	28.02	46.00	-17.98	3	Vertical	0	3.00
5775MHz_Adapter	Pass	PK	408.3M	24.41	46.00	-21.59	3	Vertical	0	3.00
5775MHz_Adapter	Pass	PK	464.56M	26.61	46.00	-19.39	3	Vertical	0	3.00
5775MHz_Adapter	Pass	PK	567.38M	29.66	46.00	-16.34	3	Vertical	0	3.00
5775MHz_Adapter	Pass	QP	58.41M	34.35	40.00	-5.65	3	Vertical	0	1.12
5775MHz_Adapter	Pass	PK	90.14M	34.61	43.50	-8.89	3	Horizontal	360	3.00
5775MHz_Adapter	Pass	PK	185.2M	25.52	43.50	-17.98	3	Horizontal	360	3.00
5775MHz_Adapter	Pass	PK	295.78M	30.27	46.00	-15.73	3	Horizontal	360	3.00
5775MHz_Adapter	Pass	PK	416.06M	25.67	46.00	-20.33	3	Horizontal	360	3.00
5775MHz_Adapter	Pass	PK	534.4M	27.04	46.00	-18.96	3	Horizontal	360	3.00
5775MHz_Adapter	Pass	PK	580.96M	28.46	46.00	-17.54	3	Horizontal	360	3.00

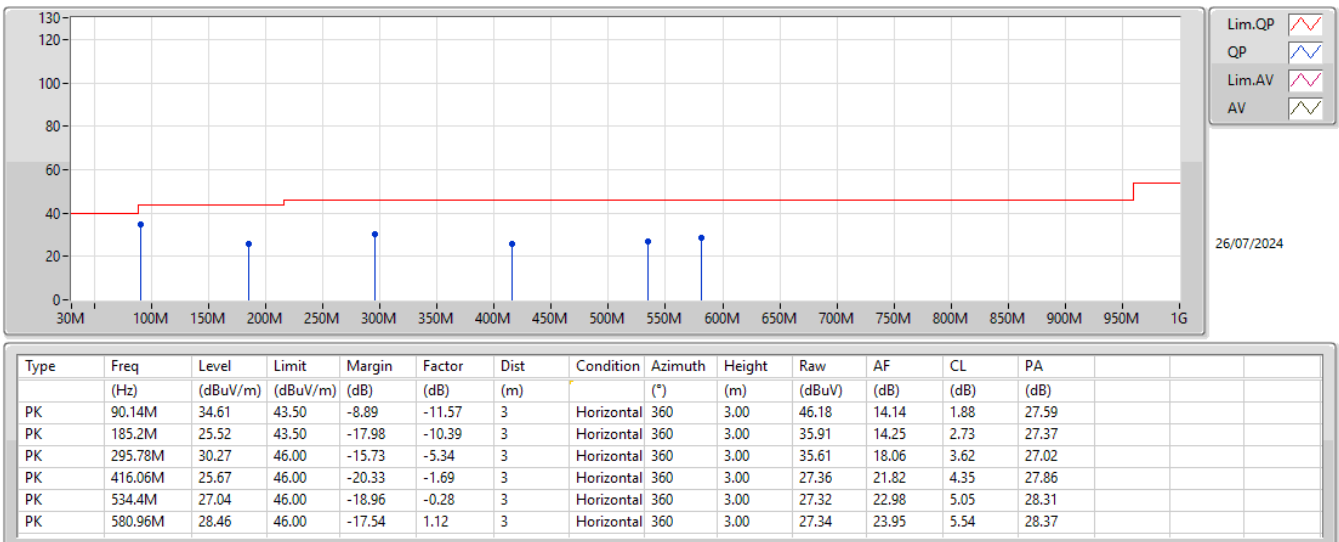
5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

5775MHz_Adapter



5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

5775MHz_Adapter



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.15G	53.27	54.00	-0.73	3	Horizontal	297	1.83
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.54	54.00	-0.46	3	Horizontal	69	1.72
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.1498G	53.68	54.00	-0.32	3	Horizontal	300	1.82
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.60	54.00	-0.40	3	Horizontal	299	1.85
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.9374G	60.24	68.20	-7.96	3	Horizontal	78	1.73
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	6.0318G	60.20	68.20	-8.00	3	Vertical	342	1.94
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.639G	61.16	68.20	-7.04	3	Horizontal	85	1.70
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.643G	66.02	68.20	-2.18	3	Horizontal	86	1.72

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	47.52	54.00	-6.48	3	Vertical	360	2.30
5180MHz	Pass	AV	5.1818G	92.39	Inf	-Inf	3	Vertical	360	2.30
5180MHz	Pass	PK	5.1494G	61.83	74.00	-12.17	3	Vertical	360	2.30
5180MHz	Pass	PK	5.1824G	101.60	Inf	-Inf	3	Vertical	360	2.30
5180MHz	Pass	AV	5.15G	53.27	54.00	-0.73	3	Horizontal	297	1.83
5180MHz	Pass	AV	5.177G	98.89	Inf	-Inf	3	Horizontal	297	1.83
5180MHz	Pass	PK	5.1488G	69.89	74.00	-4.11	3	Horizontal	297	1.83
5180MHz	Pass	PK	5.183G	108.41	Inf	-Inf	3	Horizontal	297	1.83
5180MHz	Pass	AV	15.5419G	42.56	54.00	-11.44	3	Vertical	129	1.49
5180MHz	Pass	PK	10.35786G	50.12	68.20	-18.08	3	Vertical	214	2.15
5180MHz	Pass	PK	15.54219G	55.17	74.00	-18.83	3	Vertical	129	1.49
5180MHz	Pass	AV	15.54189G	42.56	54.00	-11.44	3	Horizontal	149	1.67
5180MHz	Pass	PK	10.36013G	50.38	68.20	-17.82	3	Horizontal	10	1.49
5180MHz	Pass	PK	15.53807G	54.87	74.00	-19.13	3	Horizontal	149	1.67
5200MHz	Pass	AV	5.15G	45.79	54.00	-8.21	3	Vertical	347	1.12
5200MHz	Pass	AV	5.1958G	92.20	Inf	-Inf	3	Vertical	347	1.12
5200MHz	Pass	AV	5.35G	45.49	54.00	-8.51	3	Vertical	347	1.12
5200MHz	Pass	PK	5.1406G	57.78	74.00	-16.22	3	Vertical	347	1.12
5200MHz	Pass	PK	5.1952G	101.25	Inf	-Inf	3	Vertical	347	1.12
5200MHz	Pass	PK	5.35G	57.15	74.00	-16.85	3	Vertical	347	1.12
5200MHz	Pass	AV	5.15G	49.52	54.00	-4.48	3	Horizontal	295	1.74
5200MHz	Pass	AV	5.1982G	102.37	Inf	-Inf	3	Horizontal	295	1.74
5200MHz	Pass	AV	5.35G	45.71	54.00	-8.29	3	Horizontal	295	1.74
5200MHz	Pass	PK	5.1484G	65.46	74.00	-8.54	3	Horizontal	295	1.74
5200MHz	Pass	PK	5.1976G	112.08	Inf	-Inf	3	Horizontal	295	1.74
5200MHz	Pass	PK	5.35G	56.24	74.00	-17.76	3	Horizontal	295	1.74
5200MHz	Pass	AV	15.59771G	42.08	54.00	-11.92	3	Vertical	141	1.71
5200MHz	Pass	PK	10.40079G	50.72	68.20	-17.48	3	Vertical	114	1.50
5200MHz	Pass	PK	15.59831G	54.03	74.00	-19.97	3	Vertical	141	1.71
5200MHz	Pass	AV	15.59756G	42.27	54.00	-11.73	3	Horizontal	230	1.92
5200MHz	Pass	PK	10.40209G	50.26	68.20	-17.94	3	Horizontal	211	2.64
5200MHz	Pass	PK	15.59761G	54.84	74.00	-19.16	3	Horizontal	230	1.92
5240MHz	Pass	AV	5.1488G	45.56	54.00	-8.44	3	Vertical	227	1.50
5240MHz	Pass	AV	5.2418G	91.40	Inf	-Inf	3	Vertical	227	1.50
5240MHz	Pass	AV	5.357G	45.52	54.00	-8.48	3	Vertical	227	1.50
5240MHz	Pass	PK	5.147G	57.21	74.00	-16.79	3	Vertical	227	1.50
5240MHz	Pass	PK	5.243G	100.96	Inf	-Inf	3	Vertical	227	1.50
5240MHz	Pass	PK	5.3648G	57.40	74.00	-16.60	3	Vertical	227	1.50
5240MHz	Pass	AV	5.147G	47.48	54.00	-6.52	3	Horizontal	296	1.72
5240MHz	Pass	AV	5.2382G	103.08	Inf	-Inf	3	Horizontal	296	1.72
5240MHz	Pass	AV	5.3558G	45.94	54.00	-8.06	3	Horizontal	296	1.72
5240MHz	Pass	PK	5.1446G	59.19	74.00	-14.81	3	Horizontal	296	1.72
5240MHz	Pass	PK	5.2382G	112.63	Inf	-Inf	3	Horizontal	296	1.72
5240MHz	Pass	PK	5.3744G	59.16	74.00	-14.84	3	Horizontal	296	1.72
5240MHz	Pass	AV	15.71984G	42.95	54.00	-11.05	3	Vertical	130	2.14
5240MHz	Pass	PK	10.48228G	49.44	68.20	-18.76	3	Vertical	308	1.24
5240MHz	Pass	PK	15.71853G	55.22	74.00	-18.78	3	Vertical	130	2.14
5240MHz	Pass	AV	15.72219G	42.95	54.00	-11.05	3	Horizontal	279	1.35
5240MHz	Pass	PK	10.47888G	49.49	68.20	-18.71	3	Horizontal	95	1.39
5240MHz	Pass	PK	15.72012G	54.65	74.00	-19.35	3	Horizontal	279	1.35
5745MHz	Pass	AV	5.4558G	45.33	54.00	-8.67	3	Vertical	342	1.94
5745MHz	Pass	AV	5.7474G	93.44	Inf	-Inf	3	Vertical	342	1.94
5745MHz	Pass	PK	5.6322G	58.97	68.20	-9.23	3	Vertical	342	1.94
5745MHz	Pass	PK	5.7414G	102.03	Inf	-Inf	3	Vertical	342	1.94
5745MHz	Pass	PK	5.937G	59.56	68.20	-8.64	3	Vertical	342	1.94
5745MHz	Pass	AV	5.4582G	45.15	54.00	-8.85	3	Horizontal	87	1.81
5745MHz	Pass	AV	5.7486G	100.37	Inf	-Inf	3	Horizontal	87	1.81
5745MHz	Pass	PK	5.6478G	58.33	68.20	-9.87	3	Horizontal	87	1.81
5745MHz	Pass	PK	5.7474G	109.40	Inf	-Inf	3	Horizontal	87	1.81
5745MHz	Pass	PK	6.0198G	59.27	68.20	-8.93	3	Horizontal	87	1.81

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	AV	11.4904G	38.24	54.00	-15.76	3	Vertical	5	1.20
5745MHz	Pass	PK	11.49208G	49.84	74.00	-24.16	3	Vertical	5	1.20
5745MHz	Pass	PK	17.23266G	55.71	68.20	-12.49	3	Vertical	233	2.14
5745MHz	Pass	AV	11.49225G	38.27	54.00	-15.73	3	Horizontal	74	2.74
5745MHz	Pass	PK	11.49198G	50.22	74.00	-23.78	3	Horizontal	74	2.74
5745MHz	Pass	PK	17.23267G	55.61	68.20	-12.59	3	Horizontal	59	1.28
5785MHz	Pass	AV	5.7826G	94.52	Inf	-Inf	3	Vertical	341	2.00
5785MHz	Pass	PK	5.611G	58.31	68.20	-9.89	3	Vertical	341	2.00
5785MHz	Pass	PK	5.7838G	104.07	Inf	-Inf	3	Vertical	341	2.00
5785MHz	Pass	PK	6.0502G	59.31	68.20	-8.89	3	Vertical	341	2.00
5785MHz	Pass	AV	5.7826G	101.02	Inf	-Inf	3	Horizontal	78	1.73
5785MHz	Pass	PK	5.6482G	59.28	68.20	-8.92	3	Horizontal	78	1.73
5785MHz	Pass	PK	5.7838G	110.18	Inf	-Inf	3	Horizontal	78	1.73
5785MHz	Pass	PK	5.9374G	60.24	68.20	-7.96	3	Horizontal	78	1.73
5785MHz	Pass	AV	11.56914G	38.32	54.00	-15.68	3	Vertical	129	1.53
5785MHz	Pass	PK	11.56967G	50.98	74.00	-23.02	3	Vertical	129	1.53
5785MHz	Pass	PK	17.35272G	54.97	68.20	-13.23	3	Vertical	302	2.40
5785MHz	Pass	AV	11.56774G	38.13	54.00	-15.87	3	Horizontal	356	2.37
5785MHz	Pass	PK	11.56908G	50.13	74.00	-23.87	3	Horizontal	356	2.37
5785MHz	Pass	PK	17.35723G	54.57	68.20	-13.63	3	Horizontal	100	1.76
5825MHz	Pass	AV	5.8238G	97.45	Inf	-Inf	3	Vertical	3	1.99
5825MHz	Pass	PK	5.621G	59.01	68.20	-9.19	3	Vertical	3	1.99
5825MHz	Pass	PK	5.8286G	106.84	Inf	-Inf	3	Vertical	3	1.99
5825MHz	Pass	PK	6.0458G	59.97	68.20	-8.23	3	Vertical	3	1.99
5825MHz	Pass	AV	5.8226G	101.37	Inf	-Inf	3	Horizontal	79	1.68
5825MHz	Pass	PK	5.6006G	58.49	68.20	-9.71	3	Horizontal	79	1.68
5825MHz	Pass	PK	5.8214G	110.37	Inf	-Inf	3	Horizontal	79	1.68
5825MHz	Pass	PK	5.927G	59.64	68.20	-8.56	3	Horizontal	79	1.68
5825MHz	Pass	AV	11.64952G	39.58	54.00	-14.42	3	Vertical	132	1.00
5825MHz	Pass	PK	11.65G	53.01	74.00	-20.99	3	Vertical	132	1.00
5825MHz	Pass	PK	17.47551G	55.82	68.20	-12.38	3	Vertical	99	2.60
5825MHz	Pass	AV	11.65002G	38.78	54.00	-15.22	3	Horizontal	38	2.11
5825MHz	Pass	PK	11.6503G	51.23	74.00	-22.77	3	Horizontal	38	2.11
5825MHz	Pass	PK	17.47505G	55.46	68.20	-12.74	3	Horizontal	227	2.06
802.11ac VHT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1494G	48.02	54.00	-5.98	3	Vertical	352	2.00
5180MHz	Pass	AV	5.1812G	91.88	Inf	-Inf	3	Vertical	352	2.00
5180MHz	Pass	PK	5.1494G	61.39	74.00	-12.61	3	Vertical	352	2.00
5180MHz	Pass	PK	5.1818G	101.06	Inf	-Inf	3	Vertical	352	2.00
5180MHz	Pass	AV	5.15G	53.54	54.00	-0.46	3	Horizontal	69	1.72
5180MHz	Pass	AV	5.1812G	99.02	Inf	-Inf	3	Horizontal	69	1.72
5180MHz	Pass	PK	5.1482G	70.47	74.00	-3.53	3	Horizontal	69	1.72
5180MHz	Pass	PK	5.1788G	108.03	Inf	-Inf	3	Horizontal	69	1.72
5180MHz	Pass	AV	15.54167G	42.75	54.00	-11.25	3	Vertical	97	1.06
5180MHz	Pass	PK	10.36125G	49.73	68.20	-18.47	3	Vertical	280	1.14
5180MHz	Pass	PK	15.53986G	54.50	74.00	-19.50	3	Vertical	97	1.06
5180MHz	Pass	AV	15.5415G	42.56	54.00	-11.44	3	Horizontal	4	2.22
5180MHz	Pass	PK	10.36144G	49.41	68.20	-18.79	3	Horizontal	191	3.00
5180MHz	Pass	PK	15.53805G	54.54	74.00	-19.46	3	Horizontal	4	2.22
5200MHz	Pass	AV	5.1436G	45.92	54.00	-8.08	3	Vertical	226	1.50
5200MHz	Pass	AV	5.2018G	91.68	Inf	-Inf	3	Vertical	226	1.50
5200MHz	Pass	AV	5.35G	45.71	54.00	-8.29	3	Vertical	226	1.50
5200MHz	Pass	PK	5.149G	57.94	74.00	-16.06	3	Vertical	226	1.50
5200MHz	Pass	PK	5.1988G	100.91	Inf	-Inf	3	Vertical	226	1.50
5200MHz	Pass	PK	5.35G	56.17	74.00	-17.83	3	Vertical	226	1.50
5200MHz	Pass	AV	5.1496G	50.19	54.00	-3.81	3	Horizontal	297	1.73
5200MHz	Pass	AV	5.1982G	102.25	Inf	-Inf	3	Horizontal	297	1.73
5200MHz	Pass	AV	5.35G	45.92	54.00	-8.08	3	Horizontal	297	1.73
5200MHz	Pass	PK	5.1496G	65.32	74.00	-8.68	3	Horizontal	297	1.73
5200MHz	Pass	PK	5.2012G	111.40	Inf	-Inf	3	Horizontal	297	1.73
5200MHz	Pass	PK	5.35G	56.98	74.00	-17.02	3	Horizontal	297	1.73
5200MHz	Pass	AV	15.59893G	42.46	54.00	-11.54	3	Vertical	36	2.65

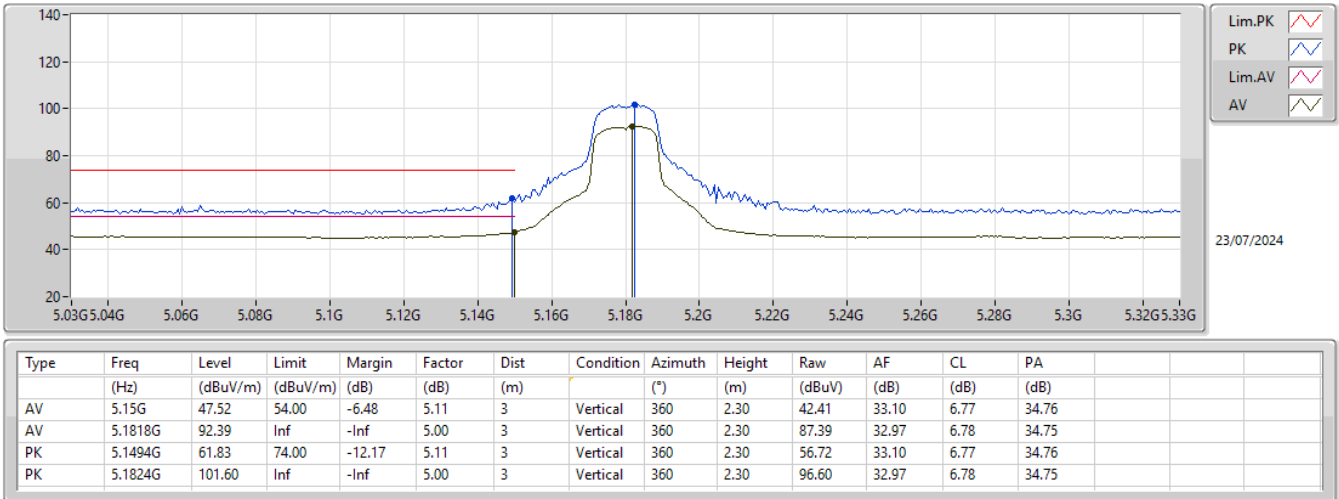
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5200MHz	Pass	PK	10.39852G	50.17	68.20	-18.03	3	Vertical	311	2.56
5200MHz	Pass	PK	15.59825G	54.56	74.00	-19.44	3	Vertical	36	2.65
5200MHz	Pass	AV	15.59797G	42.46	54.00	-11.54	3	Horizontal	79	1.89
5200MHz	Pass	PK	10.39752G	50.08	68.20	-18.12	3	Horizontal	309	1.73
5200MHz	Pass	PK	15.60127G	54.40	74.00	-19.60	3	Horizontal	79	1.89
5240MHz	Pass	AV	5.1488G	45.78	54.00	-8.22	3	Vertical	227	1.50
5240MHz	Pass	AV	5.2424G	91.41	Inf	-Inf	3	Vertical	227	1.50
5240MHz	Pass	AV	5.3588G	45.94	54.00	-8.06	3	Vertical	227	1.50
5240MHz	Pass	PK	5.1296G	58.01	74.00	-15.99	3	Vertical	227	1.50
5240MHz	Pass	PK	5.2388G	100.35	Inf	-Inf	3	Vertical	227	1.50
5240MHz	Pass	PK	5.3642G	58.05	74.00	-15.95	3	Vertical	227	1.50
5240MHz	Pass	AV	5.1452G	47.80	54.00	-6.20	3	Horizontal	297	1.71
5240MHz	Pass	AV	5.237G	103.02	Inf	-Inf	3	Horizontal	297	1.71
5240MHz	Pass	AV	5.3582G	46.15	54.00	-7.85	3	Horizontal	297	1.71
5240MHz	Pass	PK	5.1428G	59.39	74.00	-14.61	3	Horizontal	297	1.71
5240MHz	Pass	PK	5.2418G	111.96	Inf	-Inf	3	Horizontal	297	1.71
5240MHz	Pass	PK	5.3534G	57.94	74.00	-16.06	3	Horizontal	297	1.71
5240MHz	Pass	AV	15.72155G	43.28	54.00	-10.72	3	Vertical	24	1.26
5240MHz	Pass	PK	10.47788G	49.38	68.20	-18.82	3	Vertical	27	1.06
5240MHz	Pass	PK	15.71866G	55.01	74.00	-18.99	3	Vertical	24	1.26
5240MHz	Pass	AV	15.72033G	43.29	54.00	-10.71	3	Horizontal	113	2.17
5240MHz	Pass	PK	10.48115G	49.10	68.20	-19.10	3	Horizontal	43	1.10
5240MHz	Pass	PK	15.72065G	56.00	74.00	-18.00	3	Horizontal	113	2.17
5745MHz	Pass	AV	5.457G	45.55	54.00	-8.45	3	Vertical	342	1.94
5745MHz	Pass	AV	5.7462G	93.29	Inf	-Inf	3	Vertical	342	1.94
5745MHz	Pass	PK	5.5674G	58.27	68.20	-9.93	3	Vertical	342	1.94
5745MHz	Pass	PK	5.7462G	102.01	Inf	-Inf	3	Vertical	342	1.94
5745MHz	Pass	PK	6.0318G	60.20	68.20	-8.00	3	Vertical	342	1.94
5745MHz	Pass	AV	5.445G	45.52	54.00	-8.48	3	Horizontal	85	1.73
5745MHz	Pass	AV	5.7426G	100.42	Inf	-Inf	3	Horizontal	85	1.73
5745MHz	Pass	PK	5.5026G	57.62	68.20	-10.58	3	Horizontal	85	1.73
5745MHz	Pass	PK	5.7474G	109.14	Inf	-Inf	3	Horizontal	85	1.73
5745MHz	Pass	PK	5.9826G	58.62	68.20	-9.58	3	Horizontal	85	1.73
5745MHz	Pass	AV	11.4903G	40.18	54.00	-13.82	3	Vertical	196	1.06
5745MHz	Pass	PK	11.48862G	52.45	74.00	-21.55	3	Vertical	196	1.06
5745MHz	Pass	PK	17.238G	56.45	68.20	-11.75	3	Vertical	0	1.73
5745MHz	Pass	AV	11.48946G	40.62	54.00	-13.38	3	Horizontal	181	2.12
5745MHz	Pass	PK	11.49036G	52.79	74.00	-21.21	3	Horizontal	181	2.12
5745MHz	Pass	PK	17.2209G	55.85	68.20	-12.35	3	Horizontal	71	2.27
5785MHz	Pass	AV	5.7826G	91.47	Inf	-Inf	3	Vertical	346	2.00
5785MHz	Pass	PK	5.539G	58.29	68.20	-9.91	3	Vertical	346	2.00
5785MHz	Pass	PK	5.7826G	100.77	Inf	-Inf	3	Vertical	346	2.00
5785MHz	Pass	PK	6.055G	60.14	68.20	-8.06	3	Vertical	346	2.00
5785MHz	Pass	AV	5.7826G	100.32	Inf	-Inf	3	Horizontal	88	1.72
5785MHz	Pass	PK	5.6062G	58.12	68.20	-10.08	3	Horizontal	88	1.72
5785MHz	Pass	PK	5.7838G	109.90	Inf	-Inf	3	Horizontal	88	1.72
5785MHz	Pass	PK	6.0334G	59.80	68.20	-8.40	3	Horizontal	88	1.72
5785MHz	Pass	AV	11.56994G	41.42	54.00	-12.58	3	Vertical	132	1.00
5785MHz	Pass	PK	11.5727G	54.30	74.00	-19.70	3	Vertical	132	1.00
5785MHz	Pass	PK	17.34714G	54.99	68.20	-13.21	3	Vertical	267	1.60
5785MHz	Pass	AV	11.57042G	40.55	54.00	-13.45	3	Horizontal	127	2.32
5785MHz	Pass	PK	11.56526G	53.21	74.00	-20.79	3	Horizontal	127	2.32
5785MHz	Pass	PK	17.3571G	55.07	68.20	-13.13	3	Horizontal	216	2.31
5825MHz	Pass	AV	5.8226G	92.24	Inf	-Inf	3	Vertical	20	3.00
5825MHz	Pass	PK	5.6078G	58.09	68.20	-10.11	3	Vertical	20	3.00
5825MHz	Pass	PK	5.8214G	100.87	Inf	-Inf	3	Vertical	20	3.00
5825MHz	Pass	PK	5.993G	59.45	68.20	-8.75	3	Vertical	20	3.00
5825MHz	Pass	AV	5.8226G	101.32	Inf	-Inf	3	Horizontal	85	1.74
5825MHz	Pass	PK	5.6354G	58.67	68.20	-9.53	3	Horizontal	85	1.74
5825MHz	Pass	PK	5.8226G	110.03	Inf	-Inf	3	Horizontal	85	1.74
5825MHz	Pass	PK	6.0422G	59.55	68.20	-8.65	3	Horizontal	85	1.74
5825MHz	Pass	AV	11.64844G	39.89	54.00	-14.11	3	Vertical	133	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	PK	11.65462G	51.98	74.00	-22.02	3	Vertical	133	1.00
5825MHz	Pass	PK	17.47284G	55.27	68.20	-12.93	3	Vertical	181	1.89
5825MHz	Pass	AV	11.64646G	39.31	54.00	-14.69	3	Horizontal	183	2.03
5825MHz	Pass	PK	11.64916G	52.17	74.00	-21.83	3	Horizontal	183	2.03
5825MHz	Pass	PK	17.47554G	55.23	68.20	-12.97	3	Horizontal	1	2.50
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1492G	46.40	54.00	-7.60	3	Vertical	222	1.34
5190MHz	Pass	AV	5.193G	82.02	Inf	-Inf	3	Vertical	222	1.34
5190MHz	Pass	PK	5.1474G	58.23	74.00	-15.77	3	Vertical	222	1.34
5190MHz	Pass	PK	5.1918G	90.96	Inf	-Inf	3	Vertical	222	1.34
5190MHz	Pass	AV	5.1498G	53.68	54.00	-0.32	3	Horizontal	300	1.82
5190MHz	Pass	AV	5.1942G	92.01	Inf	-Inf	3	Horizontal	300	1.82
5190MHz	Pass	PK	5.1492G	68.09	74.00	-5.91	3	Horizontal	300	1.82
5190MHz	Pass	PK	5.1882G	101.07	Inf	-Inf	3	Horizontal	300	1.82
5190MHz	Pass	AV	15.558G	43.44	54.00	-10.56	3	Vertical	288	1.36
5190MHz	Pass	PK	10.38822G	49.02	68.20	-19.18	3	Vertical	225	1.08
5190MHz	Pass	PK	15.56628G	54.87	74.00	-19.13	3	Vertical	288	1.36
5190MHz	Pass	AV	15.5595G	43.43	54.00	-10.57	3	Horizontal	186	2.62
5190MHz	Pass	PK	10.38732G	49.95	68.20	-18.25	3	Horizontal	215	2.00
5190MHz	Pass	PK	15.55866G	54.33	74.00	-19.67	3	Horizontal	186	2.62
5230MHz	Pass	AV	5.1466G	46.36	54.00	-7.64	3	Vertical	317	1.17
5230MHz	Pass	AV	5.2384G	88.90	Inf	-Inf	3	Vertical	317	1.17
5230MHz	Pass	AV	5.3788G	46.34	54.00	-7.66	3	Vertical	317	1.17
5230MHz	Pass	PK	5.14G	58.33	74.00	-15.67	3	Vertical	317	1.17
5230MHz	Pass	PK	5.2402G	98.28	Inf	-Inf	3	Vertical	317	1.17
5230MHz	Pass	PK	5.3554G	57.53	74.00	-16.47	3	Vertical	317	1.17
5230MHz	Pass	AV	5.15G	51.93	54.00	-2.07	3	Horizontal	298	1.86
5230MHz	Pass	AV	5.2252G	100.30	Inf	-Inf	3	Horizontal	298	1.86
5230MHz	Pass	AV	5.3512G	46.74	54.00	-7.26	3	Horizontal	298	1.86
5230MHz	Pass	PK	5.149G	63.47	74.00	-10.53	3	Horizontal	298	1.86
5230MHz	Pass	PK	5.2258G	109.46	Inf	-Inf	3	Horizontal	298	1.86
5230MHz	Pass	PK	5.3548G	62.07	74.00	-11.93	3	Horizontal	298	1.86
5230MHz	Pass	AV	15.7011G	43.17	54.00	-10.83	3	Vertical	217	2.99
5230MHz	Pass	PK	10.457G	49.72	68.20	-18.48	3	Vertical	144	1.25
5230MHz	Pass	PK	15.70002G	54.39	74.00	-19.61	3	Vertical	217	2.99
5230MHz	Pass	AV	15.69312G	43.19	54.00	-10.81	3	Horizontal	352	2.06
5230MHz	Pass	PK	10.46582G	49.32	68.20	-18.88	3	Horizontal	44	2.15
5230MHz	Pass	PK	15.70314G	55.04	74.00	-18.96	3	Horizontal	352	2.06
5755MHz	Pass	AV	5.4574G	45.56	54.00	-8.44	3	Vertical	345	1.84
5755MHz	Pass	AV	5.761G	89.94	Inf	-Inf	3	Vertical	345	1.84
5755MHz	Pass	PK	5.6422G	58.98	68.20	-9.22	3	Vertical	345	1.84
5755MHz	Pass	PK	5.7634G	98.79	Inf	-Inf	3	Vertical	345	1.84
5755MHz	Pass	PK	5.9254G	59.72	68.20	-8.48	3	Vertical	345	1.84
5755MHz	Pass	AV	5.4586G	45.78	54.00	-8.22	3	Horizontal	85	1.73
5755MHz	Pass	AV	5.7538G	97.93	Inf	-Inf	3	Horizontal	85	1.73
5755MHz	Pass	PK	5.6434G	59.30	68.20	-8.90	3	Horizontal	85	1.73
5755MHz	Pass	PK	5.7598G	106.55	Inf	-Inf	3	Horizontal	85	1.73
5755MHz	Pass	PK	6.031G	59.83	68.20	-8.37	3	Horizontal	85	1.73
5755MHz	Pass	AV	11.495G	39.14	54.00	-14.86	3	Vertical	44	1.36
5755MHz	Pass	PK	11.50208G	50.20	74.00	-23.80	3	Vertical	44	1.36
5755MHz	Pass	PK	17.2614G	56.16	68.20	-12.04	3	Vertical	343	3.00
5755MHz	Pass	AV	11.50286G	39.10	54.00	-14.90	3	Horizontal	77	2.17
5755MHz	Pass	PK	11.49962G	50.46	74.00	-23.54	3	Horizontal	77	2.17
5755MHz	Pass	PK	17.26704G	55.52	68.20	-12.68	3	Horizontal	344	1.31
5795MHz	Pass	AV	5.7842G	90.45	Inf	-Inf	3	Vertical	344	2.00
5795MHz	Pass	PK	5.6426G	58.33	68.20	-9.87	3	Vertical	344	2.00
5795MHz	Pass	PK	5.789G	99.34	Inf	-Inf	3	Vertical	344	2.00
5795MHz	Pass	PK	6.083G	59.68	68.20	-8.52	3	Vertical	344	2.00
5795MHz	Pass	AV	5.7866G	98.40	Inf	-Inf	3	Horizontal	85	1.70
5795MHz	Pass	PK	5.639G	61.16	68.20	-7.04	3	Horizontal	85	1.70
5795MHz	Pass	PK	5.789G	106.98	Inf	-Inf	3	Horizontal	85	1.70
5795MHz	Pass	PK	6.0338G	59.58	68.20	-8.62	3	Horizontal	85	1.70

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5795MHz	Pass	AV	11.58328G	38.87	54.00	-15.13	3	Vertical	144	1.76
5795MHz	Pass	PK	11.58958G	50.38	74.00	-23.62	3	Vertical	144	1.76
5795MHz	Pass	PK	17.38956G	55.27	68.20	-12.93	3	Vertical	24	2.47
5795MHz	Pass	AV	11.58034G	38.91	54.00	-15.09	3	Horizontal	303	2.98
5795MHz	Pass	PK	11.58544G	50.04	74.00	-23.96	3	Horizontal	303	2.98
5795MHz	Pass	PK	17.38848G	55.35	68.20	-12.85	3	Horizontal	290	2.47
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.146G	49.69	54.00	-4.31	3	Vertical	5	2.40
5210MHz	Pass	AV	5.215G	81.28	Inf	-Inf	3	Vertical	5	2.40
5210MHz	Pass	AV	5.362G	46.75	54.00	-7.25	3	Vertical	5	2.40
5210MHz	Pass	PK	5.148G	62.23	74.00	-11.77	3	Vertical	5	2.40
5210MHz	Pass	PK	5.209G	92.05	Inf	-Inf	3	Vertical	5	2.40
5210MHz	Pass	PK	5.352G	57.64	74.00	-16.36	3	Vertical	5	2.40
5210MHz	Pass	AV	5.15G	53.60	54.00	-0.40	3	Horizontal	299	1.85
5210MHz	Pass	AV	5.215G	87.90	Inf	-Inf	3	Horizontal	299	1.85
5210MHz	Pass	AV	5.361G	46.94	54.00	-7.06	3	Horizontal	299	1.85
5210MHz	Pass	PK	5.15G	65.22	74.00	-8.78	3	Horizontal	299	1.85
5210MHz	Pass	PK	5.21G	98.04	Inf	-Inf	3	Horizontal	299	1.85
5210MHz	Pass	PK	5.371G	57.85	74.00	-16.15	3	Horizontal	299	1.85
5210MHz	Pass	AV	15.6189G	42.91	54.00	-11.09	3	Vertical	144	2.20
5210MHz	Pass	PK	10.4227G	49.79	68.20	-18.41	3	Vertical	67	1.84
5210MHz	Pass	PK	15.6162G	54.01	74.00	-19.99	3	Vertical	144	2.20
5210MHz	Pass	AV	15.6183G	42.76	54.00	-11.24	3	Horizontal	173	1.65
5210MHz	Pass	PK	10.4062G	49.92	68.20	-18.28	3	Horizontal	19	1.36
5210MHz	Pass	PK	15.62562G	53.20	74.00	-20.80	3	Horizontal	173	1.65
5775MHz	Pass	AV	5.7702G	86.03	Inf	-Inf	3	Vertical	352	1.74
5775MHz	Pass	PK	5.6478G	58.88	68.20	-9.32	3	Vertical	352	1.74
5775MHz	Pass	PK	5.7678G	95.64	Inf	-Inf	3	Vertical	352	1.74
5775MHz	Pass	PK	6.0282G	59.81	68.20	-8.39	3	Vertical	352	1.74
5775MHz	Pass	AV	5.7714G	95.60	Inf	-Inf	3	Horizontal	86	1.72
5775MHz	Pass	PK	5.643G	66.02	68.20	-2.18	3	Horizontal	86	1.72
5775MHz	Pass	PK	5.7678G	105.42	Inf	-Inf	3	Horizontal	86	1.72
5775MHz	Pass	PK	5.9274G	62.43	68.20	-5.77	3	Horizontal	86	1.72
5775MHz	Pass	AV	11.54964G	39.70	54.00	-14.30	3	Vertical	114	1.10
5775MHz	Pass	PK	11.54574G	50.91	74.00	-23.09	3	Vertical	114	1.10
5775MHz	Pass	PK	17.3157G	54.82	68.20	-13.38	3	Vertical	155	1.90
5775MHz	Pass	AV	11.54688G	39.51	54.00	-14.49	3	Horizontal	77	1.29
5775MHz	Pass	PK	11.55366G	50.74	74.00	-23.26	3	Horizontal	77	1.29
5775MHz	Pass	PK	17.32284G	54.97	68.20	-13.23	3	Horizontal	161	2.95

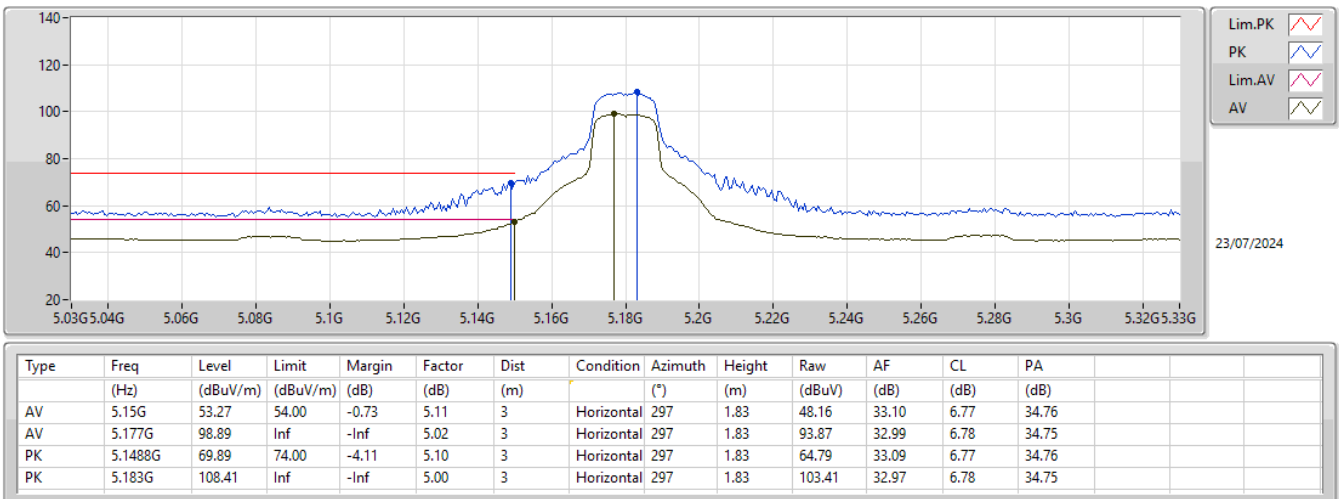
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



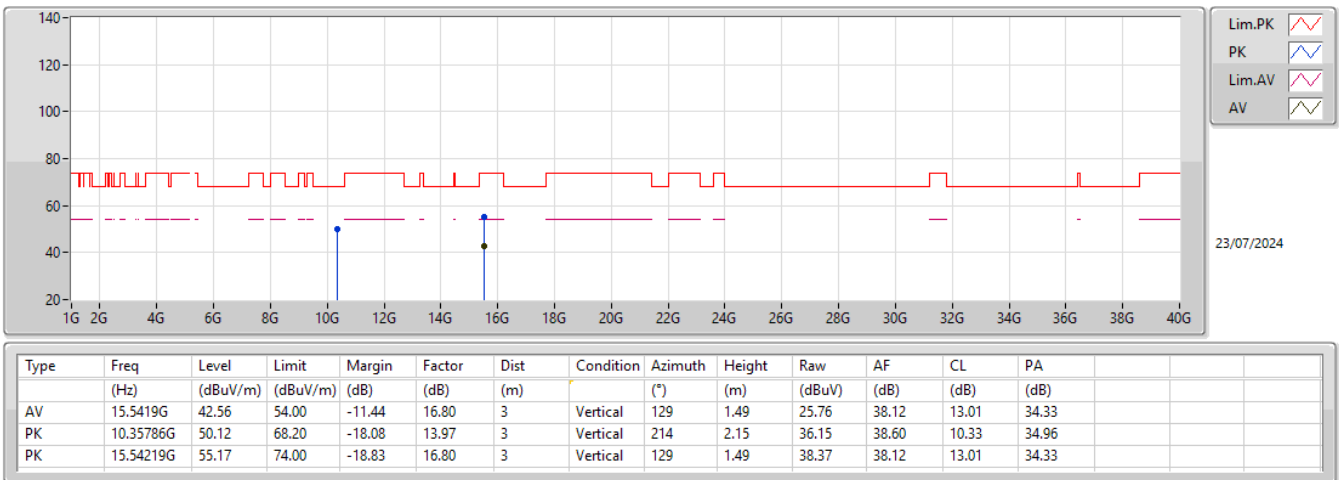
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5180MHz_TX



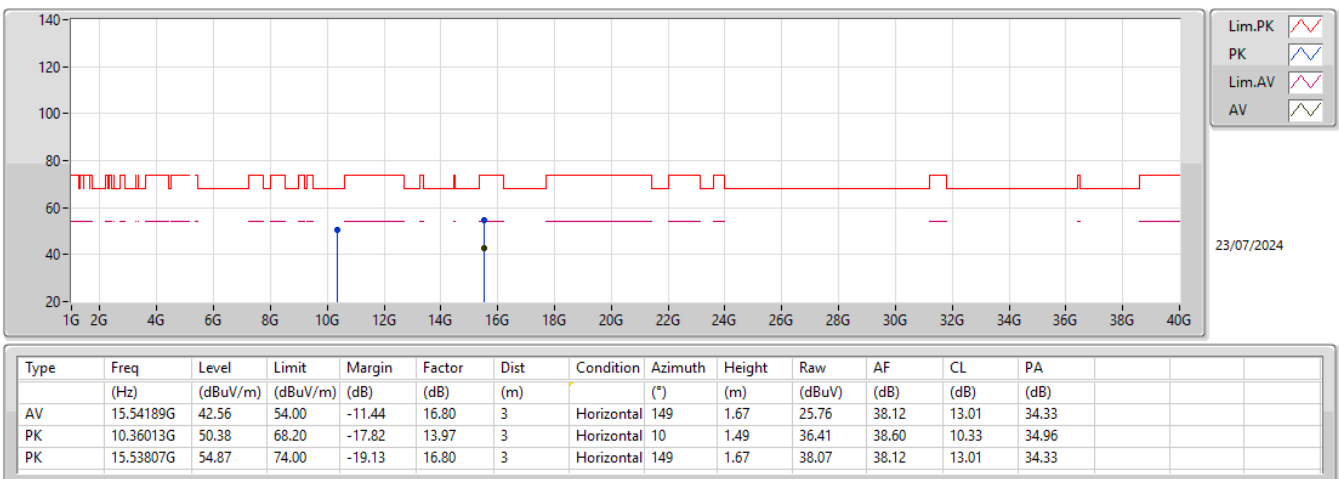
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5180MHz_TX



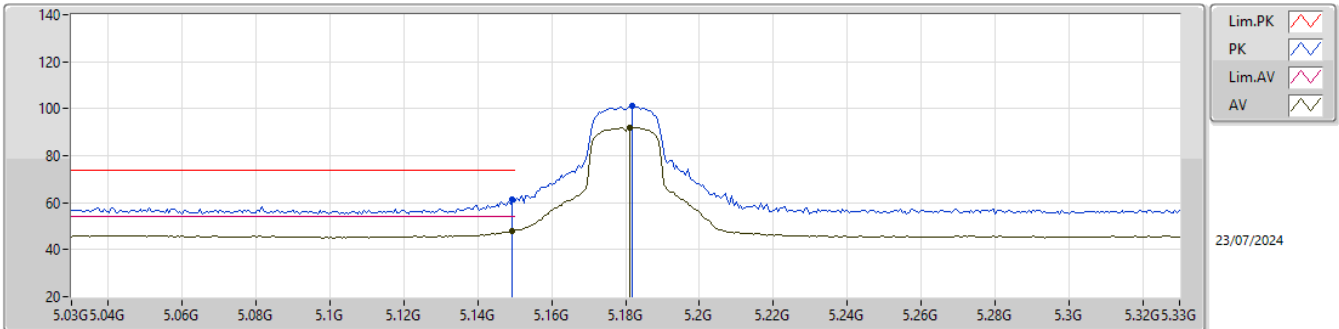
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5180MHz_TX



5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

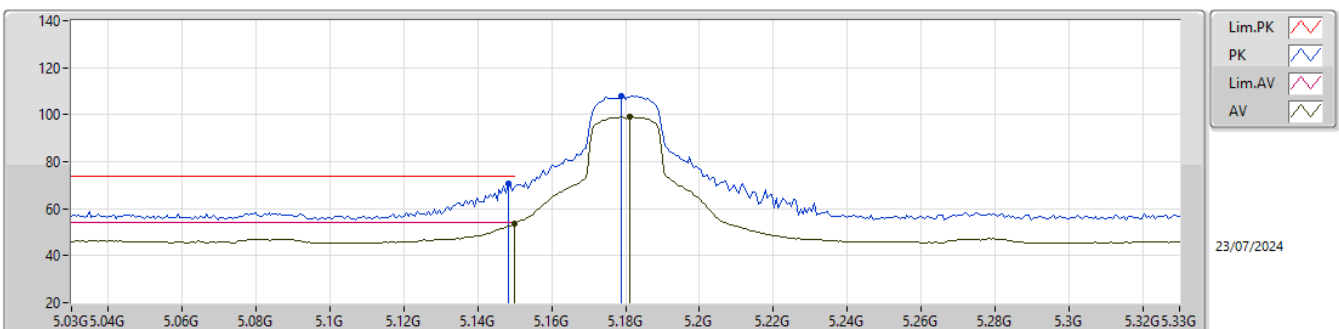
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.1494G	48.02	54.00	-5.98	5.11	3	Vertical	352	2.00	42.91	33.10	6.77	34.76				
AV	5.1812G	91.88	Inf	-Inf	5.01	3	Vertical	352	2.00	86.87	32.98	6.78	34.75				
PK	5.1494G	61.39	74.00	-12.61	5.11	3	Vertical	352	2.00	56.28	33.10	6.77	34.76				
PK	5.1818G	101.06	Inf	-Inf	5.00	3	Vertical	352	2.00	96.06	32.97	6.78	34.75				

5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

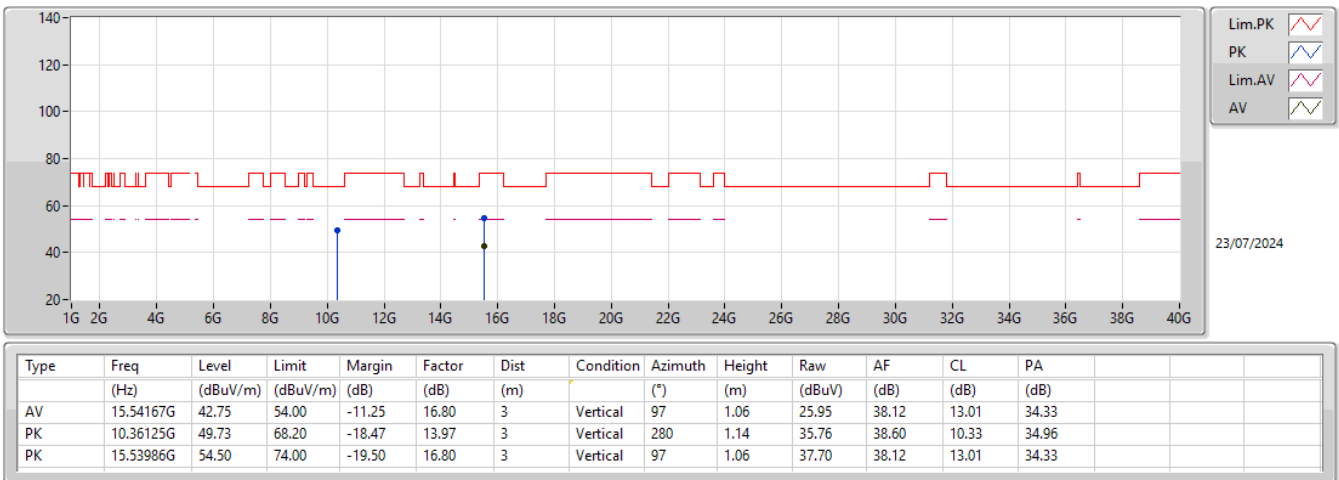
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.15G	53.54	54.00	-0.46	5.11	3	Horizontal	69	1.72	48.43	33.10	6.77	34.76				
AV	5.1812G	99.02	Inf	-Inf	5.01	3	Horizontal	69	1.72	94.01	32.98	6.78	34.75				
PK	5.1482G	70.47	74.00	-3.53	5.10	3	Horizontal	69	1.72	65.37	33.09	6.77	34.76				
PK	5.1788G	108.03	Inf	-Inf	5.01	3	Horizontal	69	1.72	103.02	32.98	6.78	34.75				

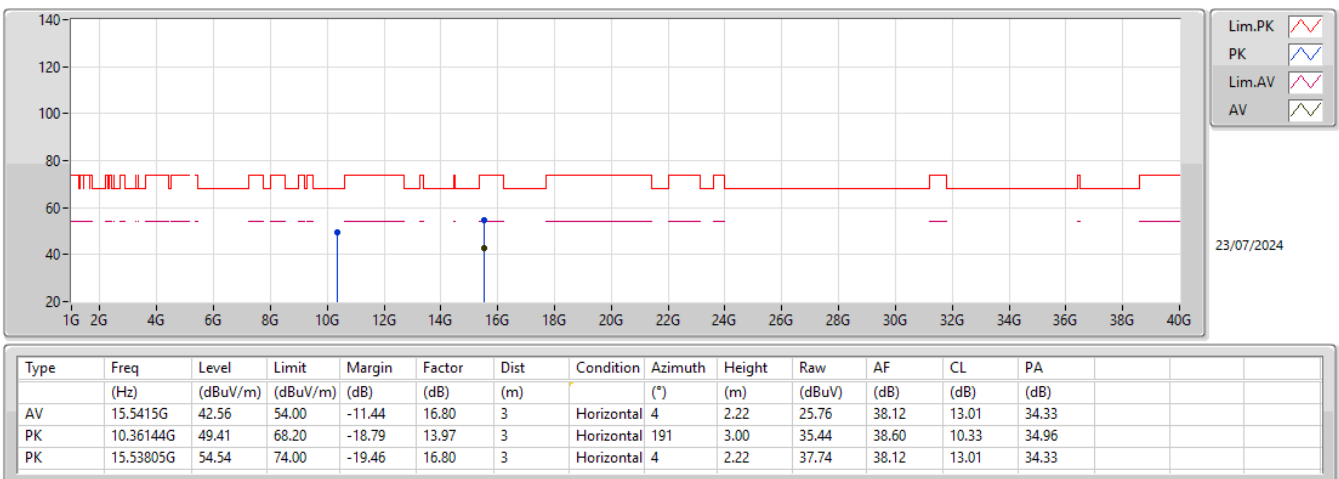
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5180MHz_TX



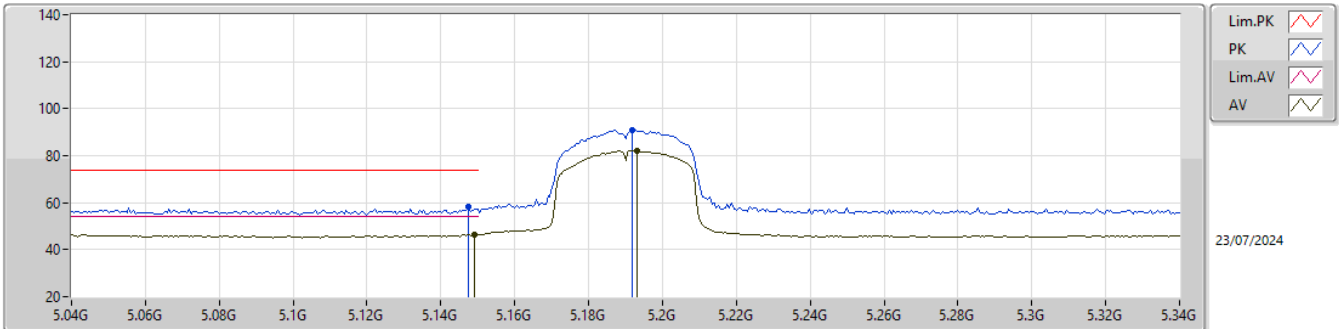
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5180MHz_TX



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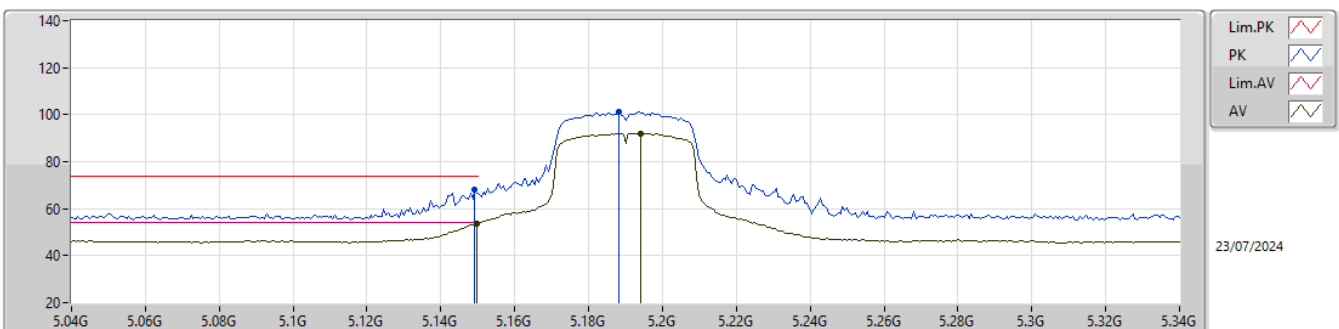
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	46.40	54.00	-7.60	5.11	3	Vertical	222	1.34	41.29	33.10	6.77	34.76
AV	5.193G	82.02	Inf	-Inf	4.97	3	Vertical	222	1.34	77.05	32.93	6.79	34.75
PK	5.1474G	58.23	74.00	-15.77	5.09	3	Vertical	222	1.34	53.14	33.08	6.77	34.76
PK	5.1918G	90.96	Inf	-Inf	4.97	3	Vertical	222	1.34	85.99	32.93	6.79	34.75

5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

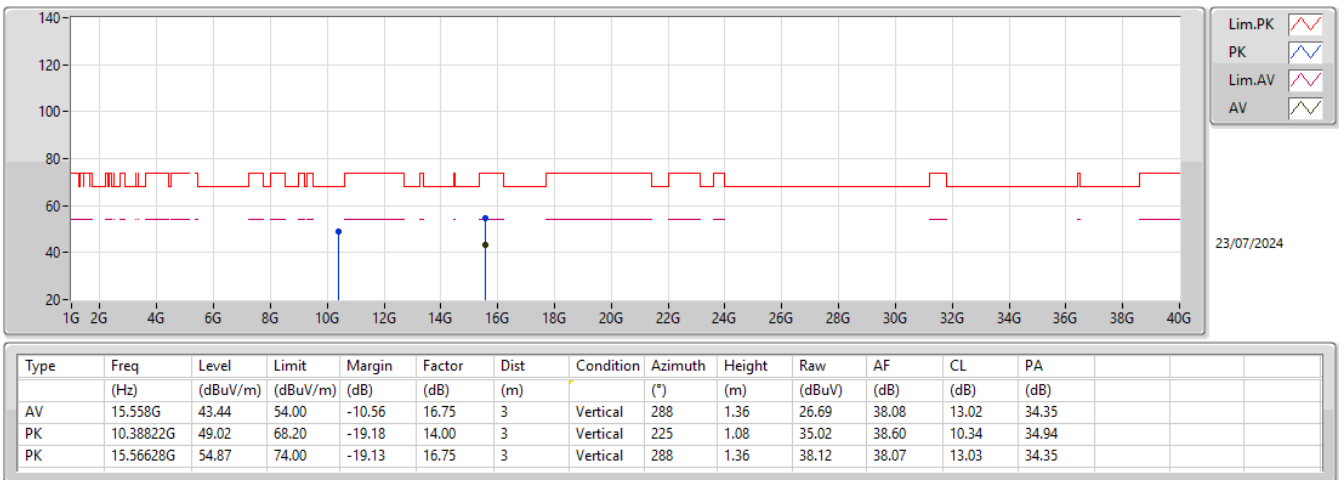
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	53.68	54.00	-0.32	5.11	3	Horizontal	300	1.82	48.57	33.10	6.77	34.76
AV	5.1942G	92.01	Inf	-Inf	4.96	3	Horizontal	300	1.82	87.05	32.92	6.79	34.75
PK	5.1492G	68.09	74.00	-5.91	5.11	3	Horizontal	300	1.82	62.98	33.10	6.77	34.76
PK	5.1882G	101.07	Inf	-Inf	4.99	3	Horizontal	300	1.82	96.08	32.95	6.79	34.75

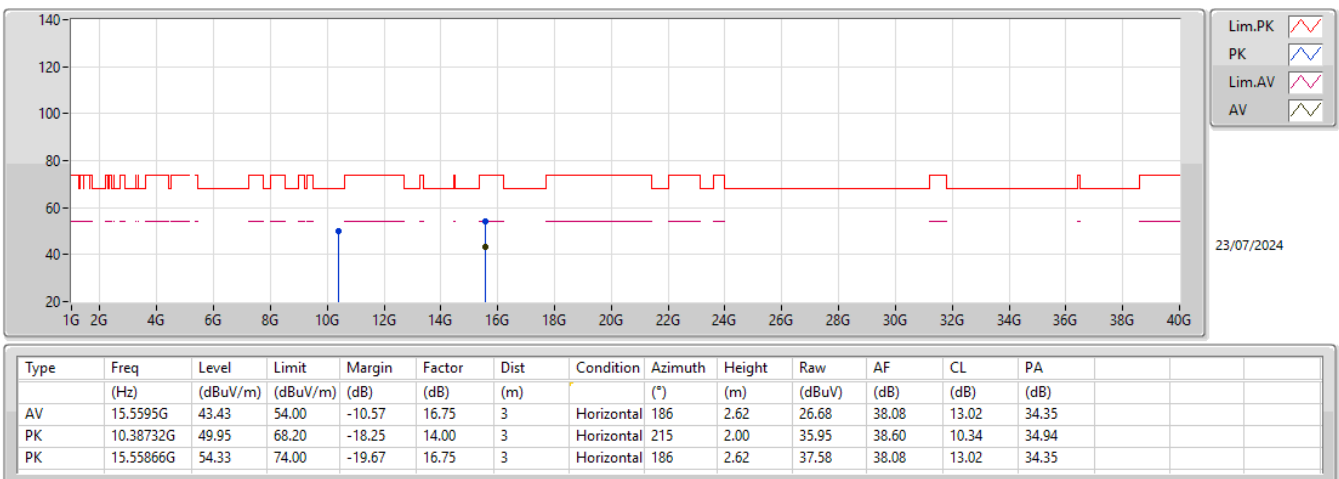
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5190MHz_TX



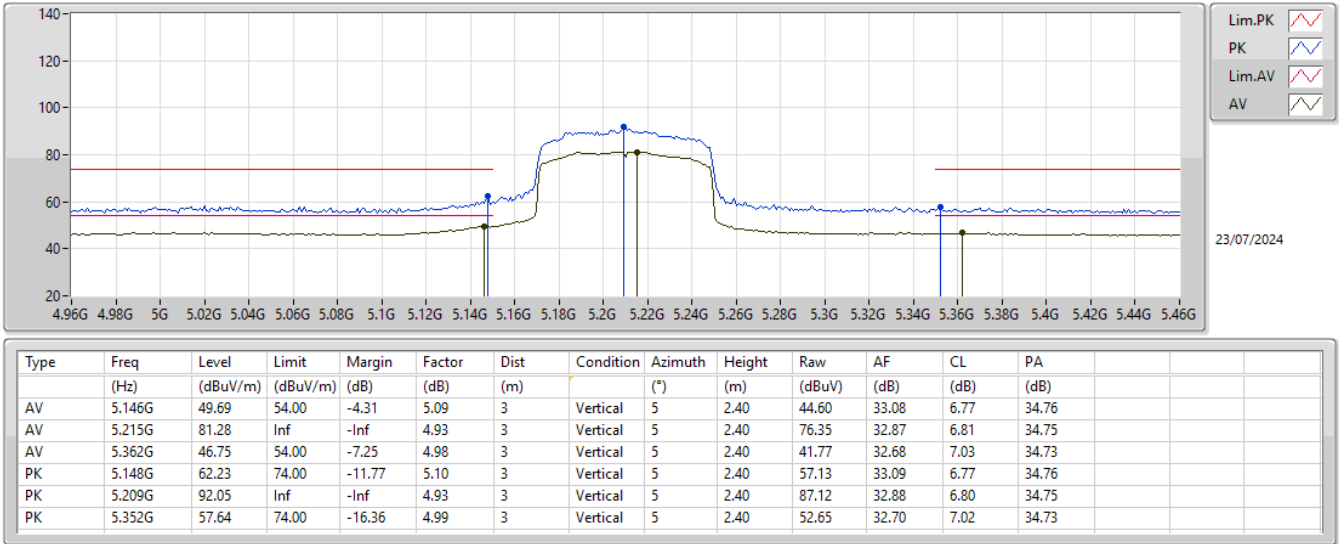
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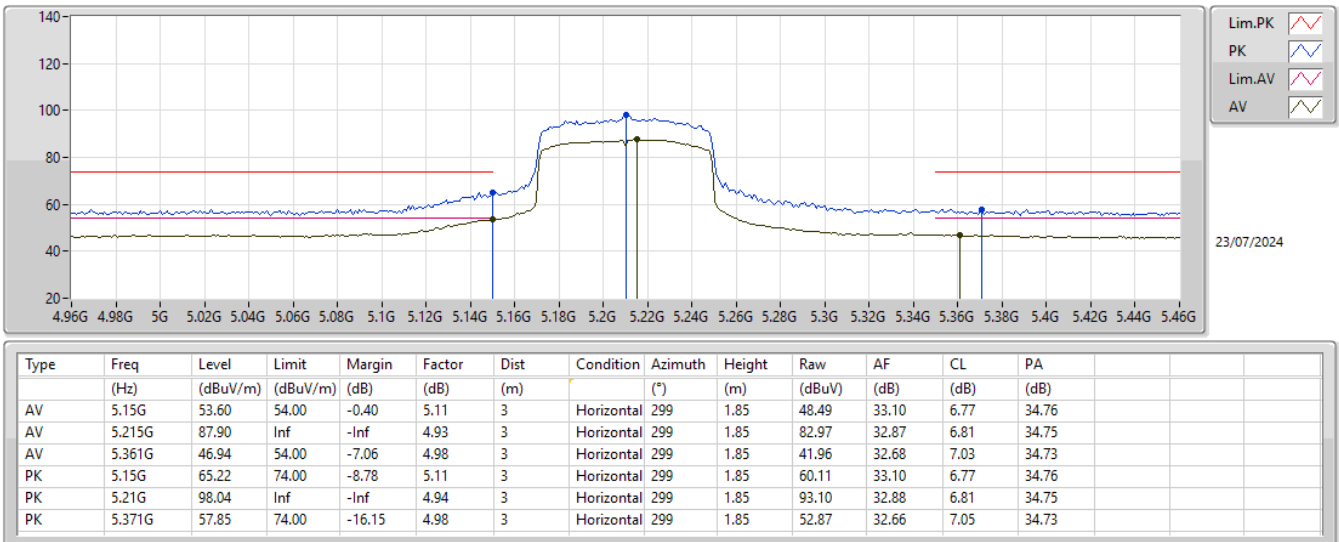
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5210MHz_TX



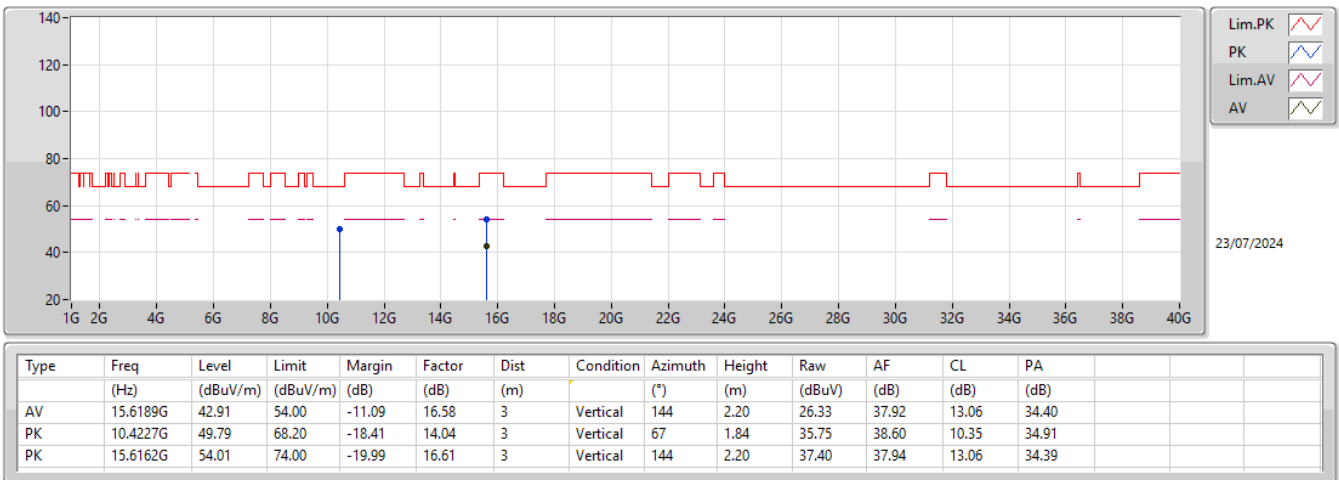
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5210MHz_TX



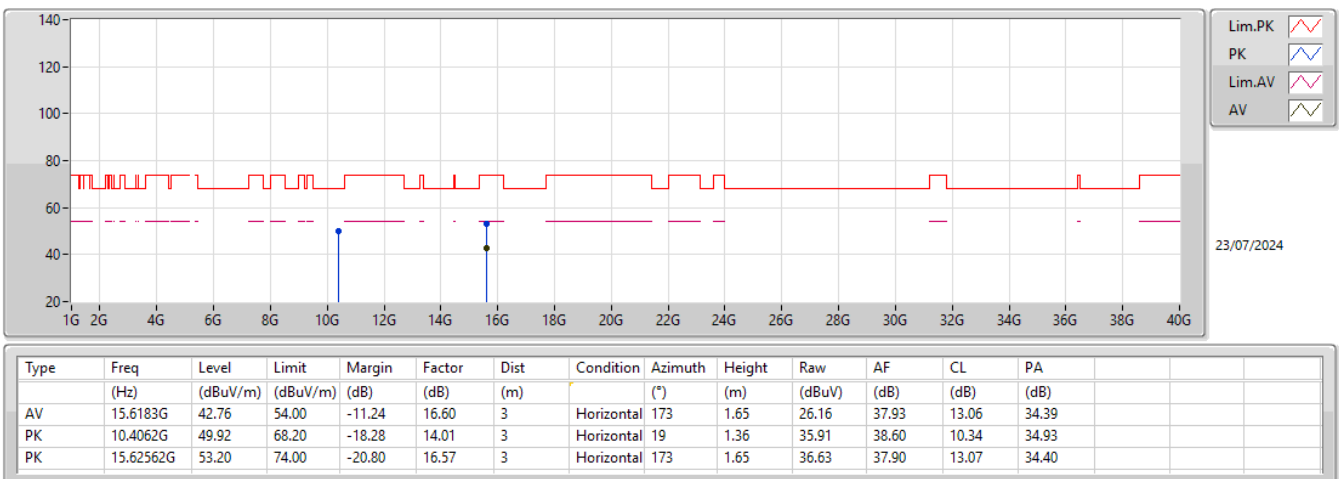
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5210MHz_TX



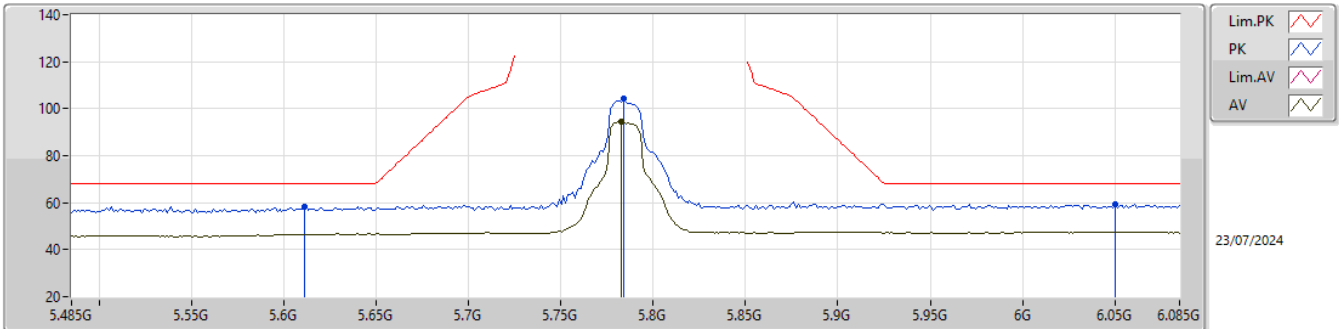
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5210MHz_TX



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

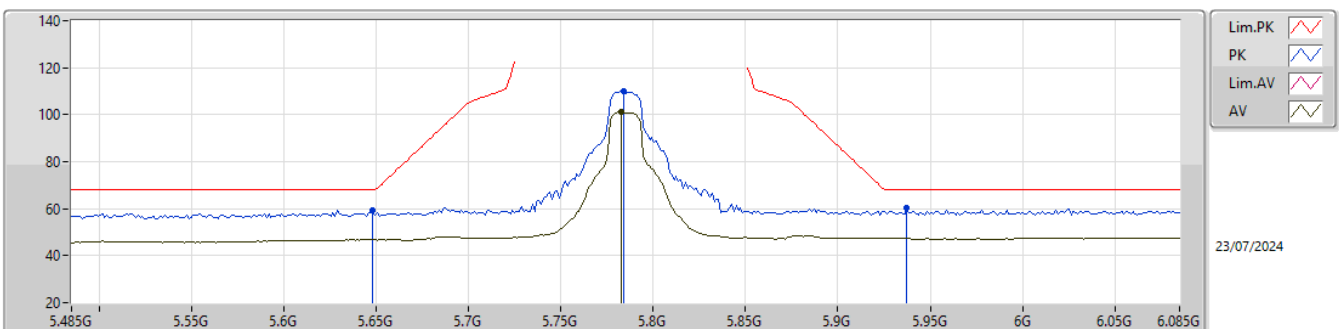
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7826G	94.52	Inf	-Inf	6.24	3	Vertical	341	2.00	88.28	33.80	7.22	34.78
PK	5.611G	58.31	68.20	-9.89	5.26	3	Vertical	341	2.00	53.05	32.84	7.16	34.74
PK	5.7838G	104.07	Inf	-Inf	6.24	3	Vertical	341	2.00	97.83	33.80	7.22	34.78
PK	6.0502G	59.31	68.20	-8.89	6.46	3	Vertical	341	2.00	52.85	33.90	7.37	34.81

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

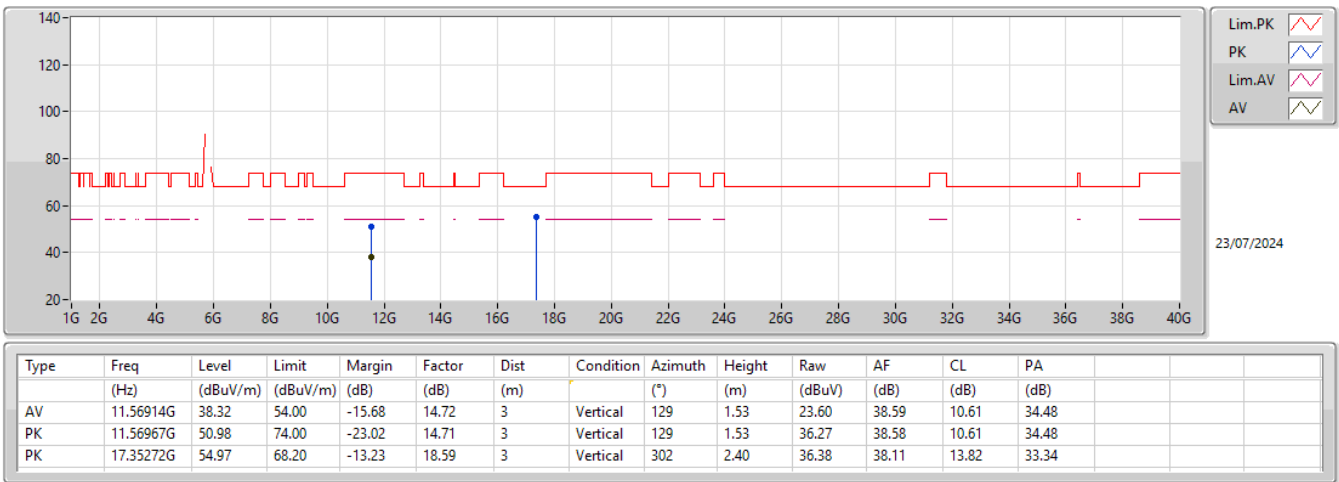
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7826G	101.02	Inf	-Inf	6.24	3	Horizontal	78	1.73	94.78	33.80	7.22	34.78
PK	5.6482G	59.28	68.20	-8.92	5.42	3	Horizontal	78	1.73	53.86	32.99	7.18	34.75
PK	5.7838G	110.18	Inf	-Inf	6.24	3	Horizontal	78	1.73	103.94	33.80	7.22	34.78
PK	5.9374G	60.24	68.20	-7.96	6.53	3	Horizontal	78	1.73	53.71	34.03	7.31	34.81

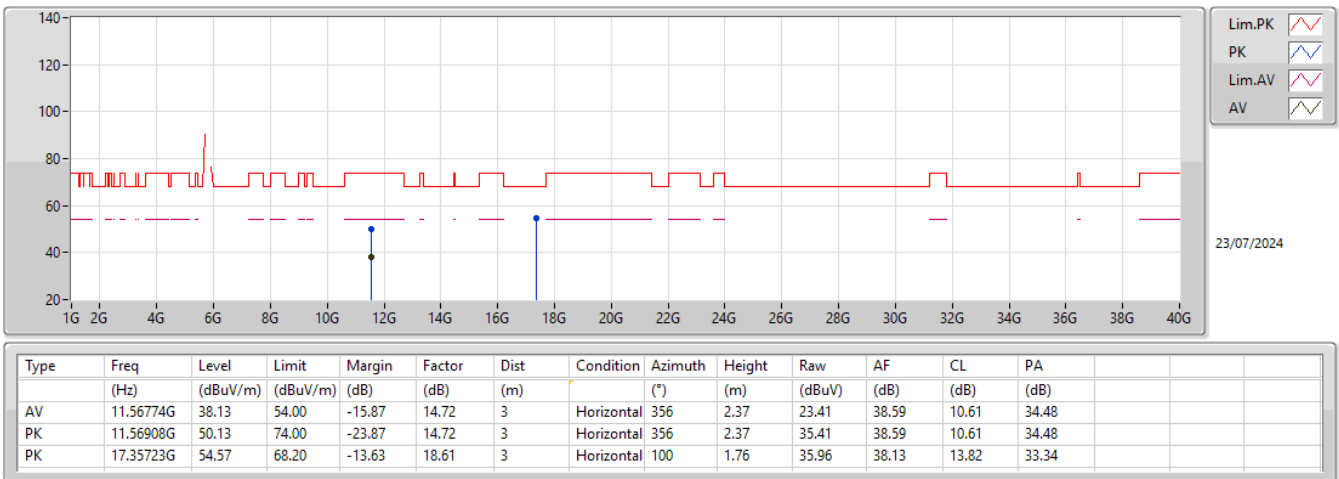
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX



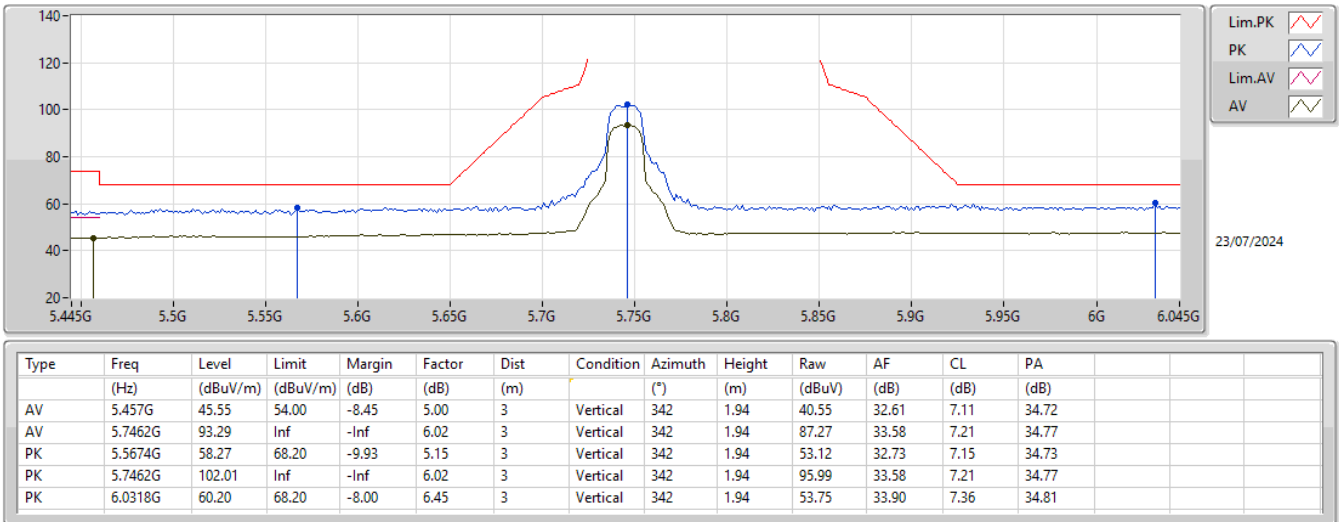
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5785MHz_TX



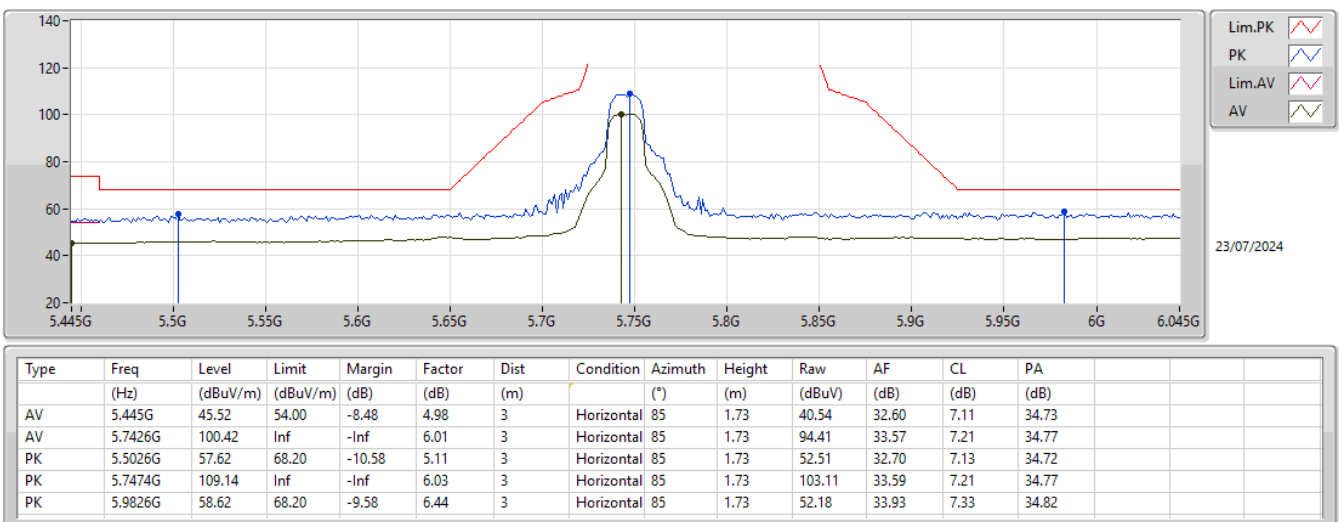
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5745MHz_TX



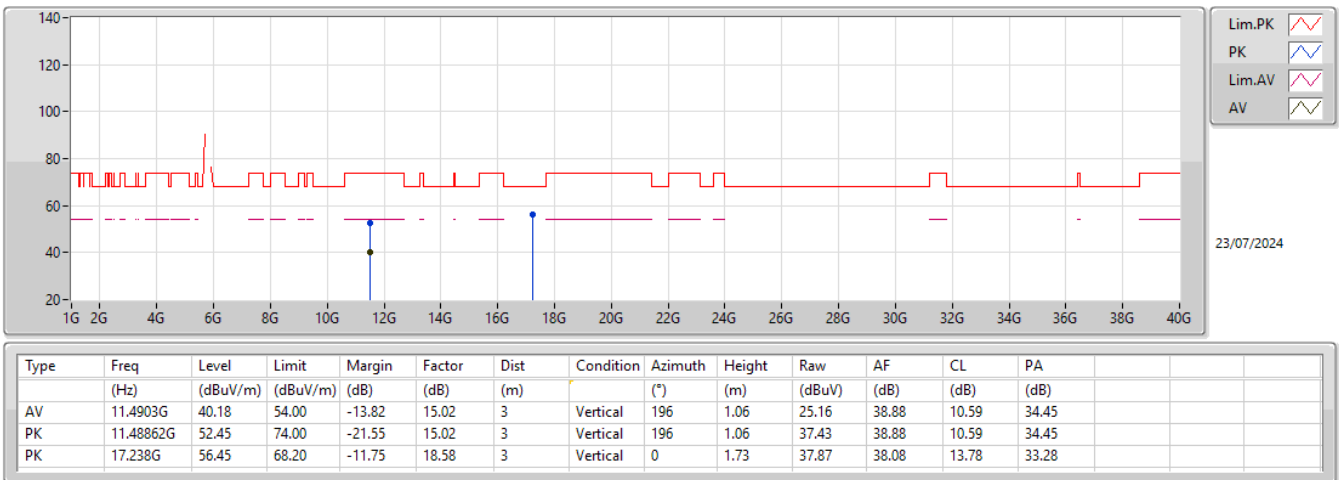
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5745MHz_TX



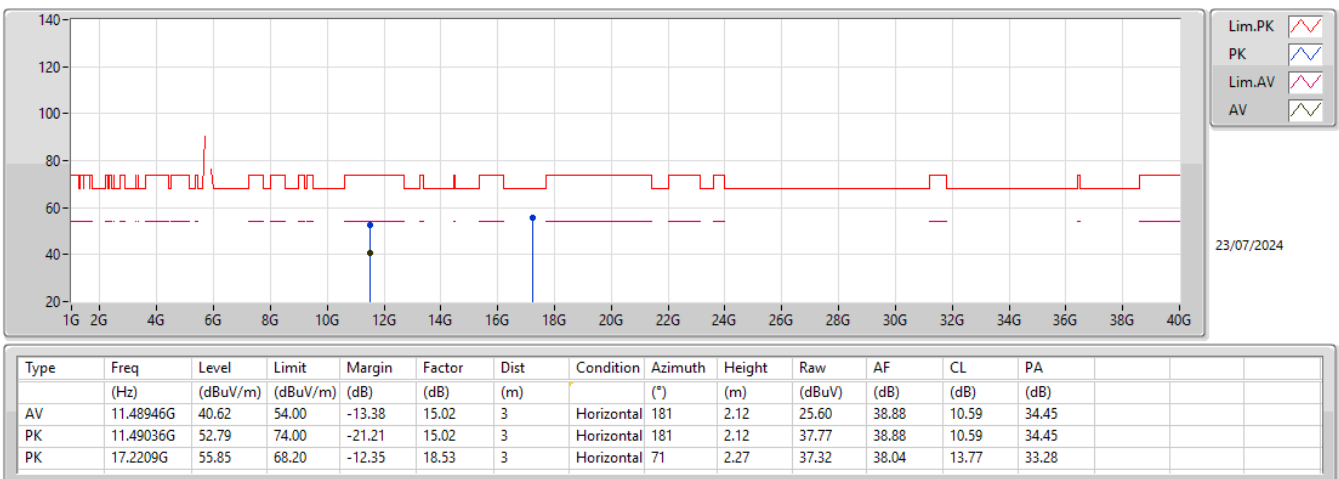
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5745MHz_TX



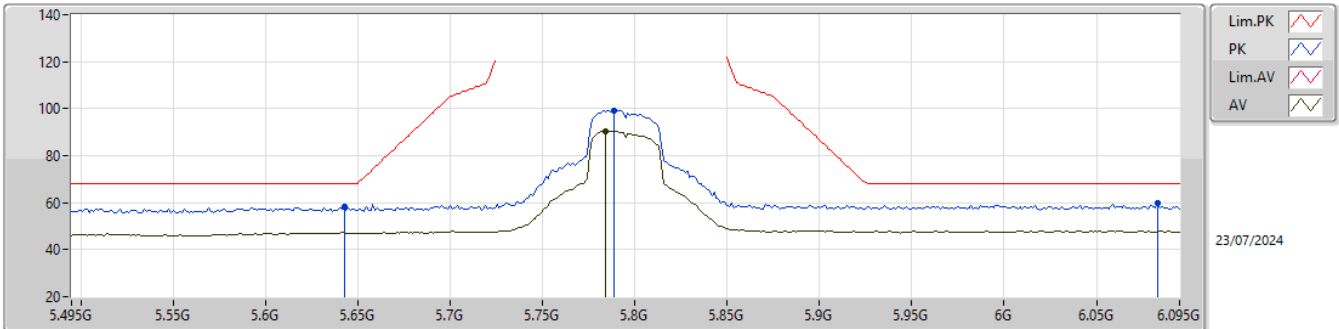
5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

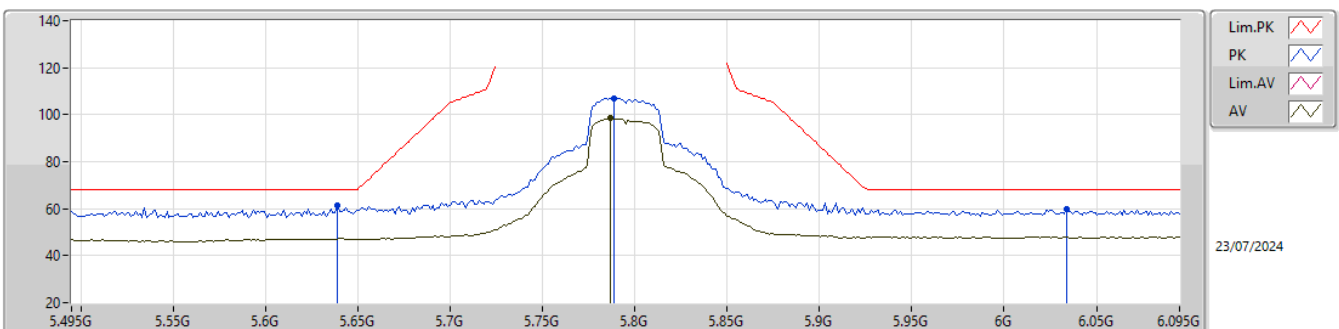
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7842G	90.45	Inf	-Inf	6.25	3	Vertical	344	2.00	84.20	33.81	7.22	34.78
PK	5.6426G	58.33	68.20	-9.87	5.39	3	Vertical	344	2.00	52.94	32.97	7.17	34.75
PK	5.789G	99.34	Inf	-Inf	6.28	3	Vertical	344	2.00	93.06	33.83	7.23	34.78
PK	6.083G	59.68	68.20	-8.52	6.41	3	Vertical	344	2.00	53.27	33.83	7.39	34.81

5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

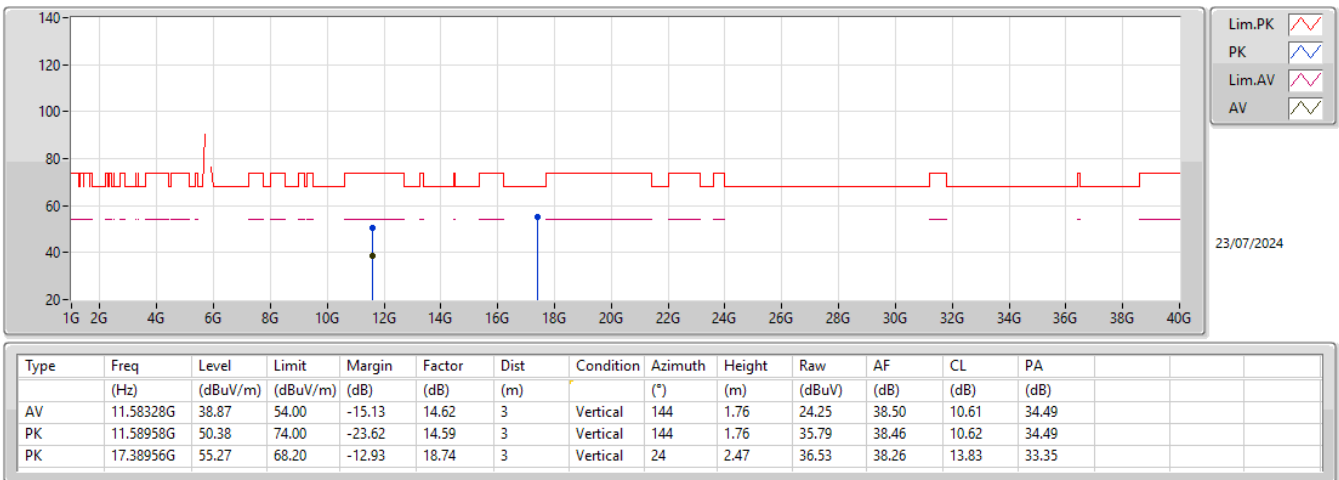
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7866G	98.40	Inf	-Inf	6.27	3	Horizontal	85	1.70	92.13	33.82	7.23	34.78
PK	5.639G	61.16	68.20	-7.04	5.38	3	Horizontal	85	1.70	55.78	32.96	7.17	34.75
PK	5.789G	106.98	Inf	-Inf	6.28	3	Horizontal	85	1.70	100.70	33.83	7.23	34.78
PK	6.0338G	59.58	68.20	-8.62	6.45	3	Horizontal	85	1.70	53.13	33.90	7.36	34.81

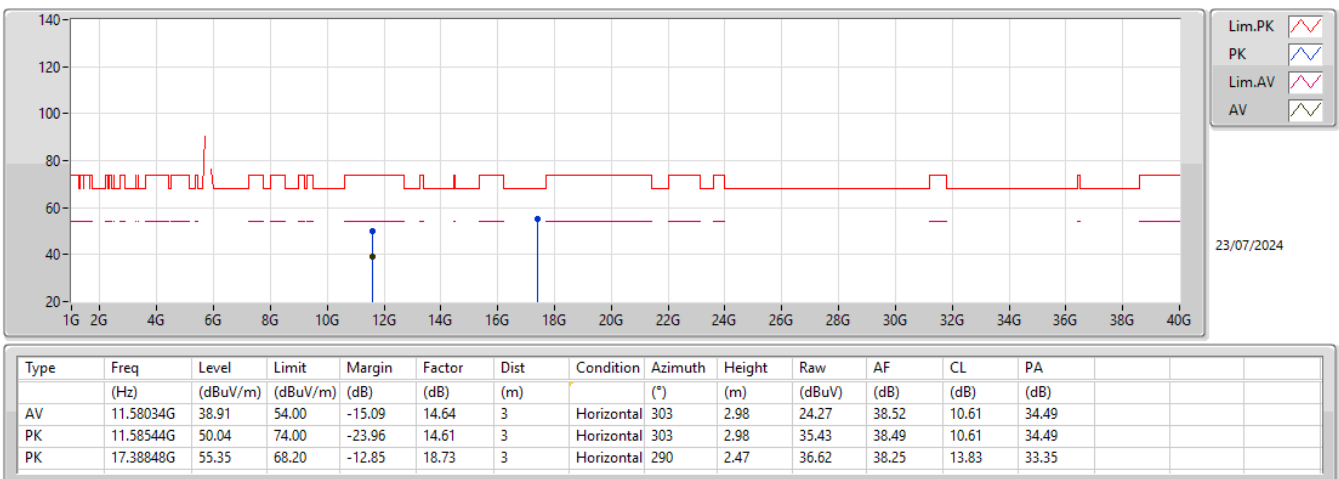
5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5795MHz_TX



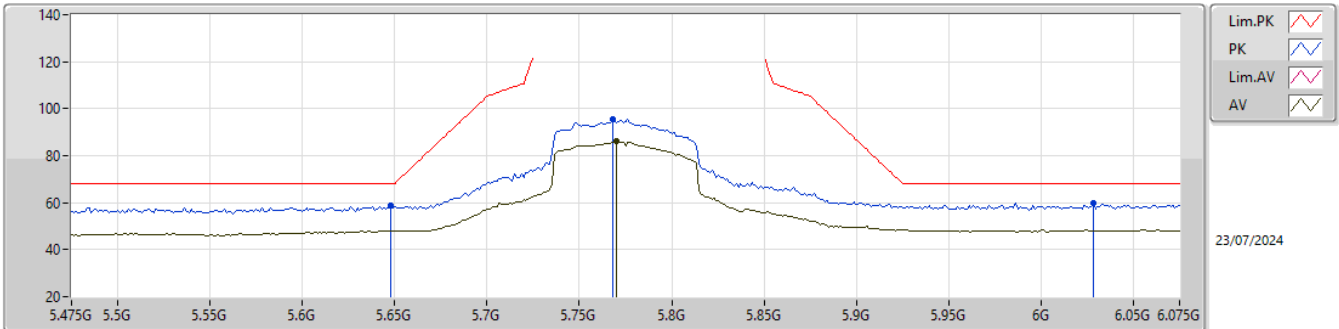
5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5795MHz_TX



5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

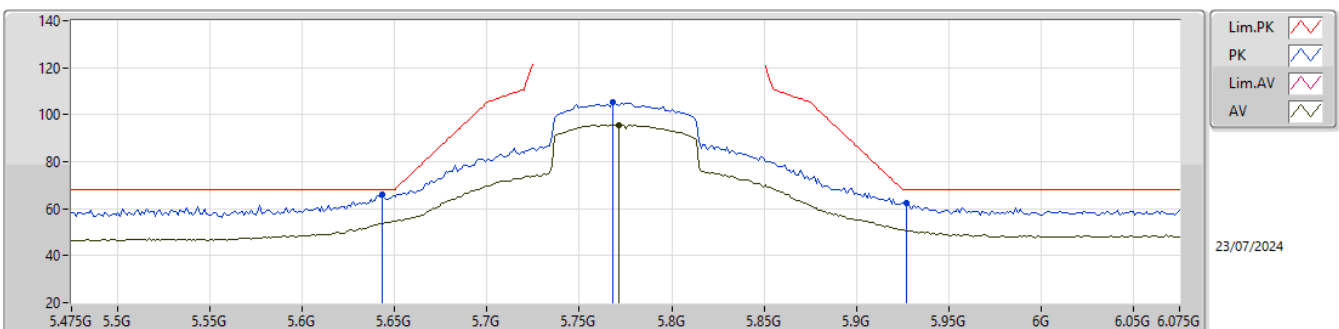
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7702G	86.03	Inf	-Inf	6.17	3	Vertical	352	1.74	79.86	33.72	7.22	34.77
PK	5.6478G	58.88	68.20	-9.32	5.42	3	Vertical	352	1.74	53.46	32.99	7.18	34.75
PK	5.7678G	95.64	Inf	-Inf	6.16	3	Vertical	352	1.74	89.48	33.71	7.22	34.77
PK	6.0282G	59.81	68.20	-8.39	6.44	3	Vertical	352	1.74	53.37	33.90	7.36	34.82

5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

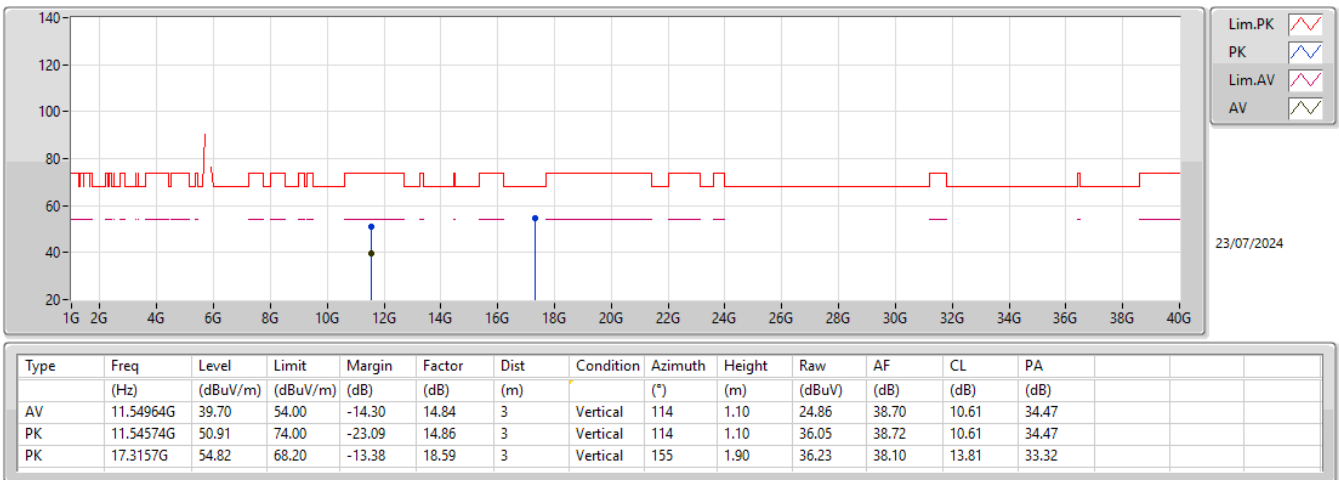
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7714G	95.60	Inf	-Inf	6.18	3	Horizontal	86	1.72	89.42	33.73	7.22	34.77
PK	5.643G	66.02	68.20	-2.18	5.40	3	Horizontal	86	1.72	60.62	32.97	7.18	34.75
PK	5.7678G	105.42	Inf	-Inf	6.16	3	Horizontal	86	1.72	99.26	33.71	7.22	34.77
PK	5.9274G	62.43	68.20	-5.77	6.54	3	Horizontal	86	1.72	55.89	34.05	7.30	34.81

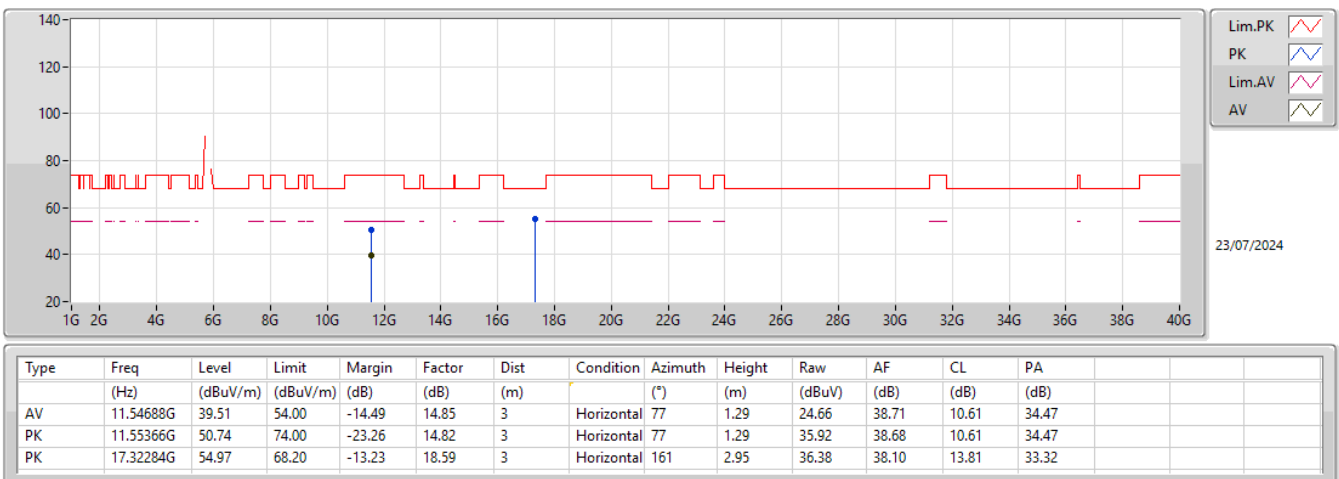
5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX



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

5775MHz_TX





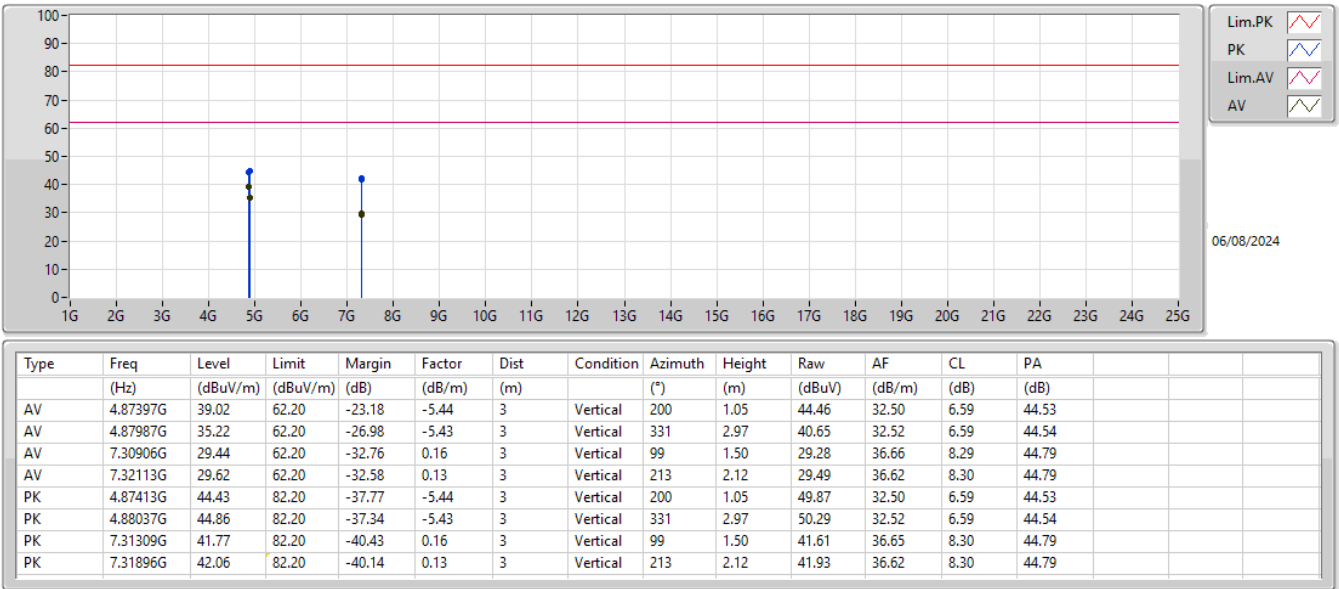
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87393G	44.49	62.20	-17.71	Horizontal
Mode 2	Pass	AV	4.87995G	54.21	62.20	-7.99	Horizontal

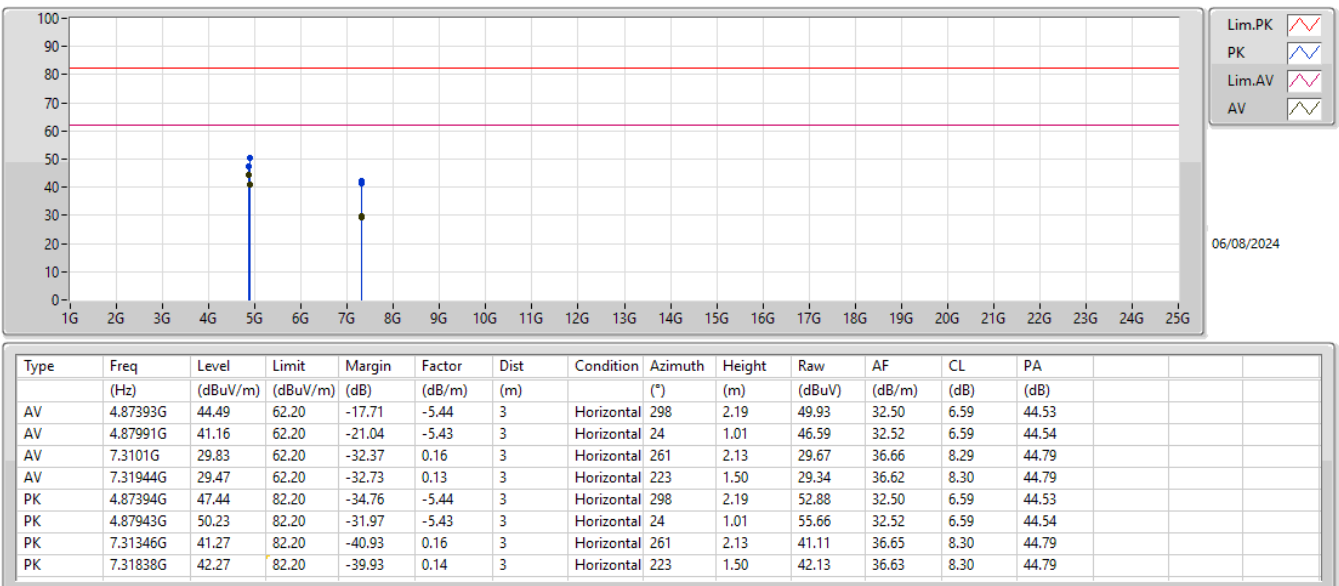
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.87397G	39.02	62.20	-23.18	3	Vertical	200	1.05
Mode 1	Pass	AV	4.87987G	35.22	62.20	-26.98	3	Vertical	331	2.97
Mode 1	Pass	AV	7.30906G	29.44	62.20	-32.76	3	Vertical	99	1.50
Mode 1	Pass	AV	7.32113G	29.62	62.20	-32.58	3	Vertical	213	2.12
Mode 1	Pass	PK	4.87413G	44.43	82.20	-37.77	3	Vertical	200	1.05
Mode 1	Pass	PK	4.88037G	44.86	82.20	-37.34	3	Vertical	331	2.97
Mode 1	Pass	PK	7.31309G	41.77	82.20	-40.43	3	Vertical	99	1.50
Mode 1	Pass	PK	7.31896G	42.06	82.20	-40.14	3	Vertical	213	2.12
Mode 1	Pass	AV	4.87393G	44.49	62.20	-17.71	3	Horizontal	298	2.19
Mode 1	Pass	AV	4.87991G	41.16	62.20	-21.04	3	Horizontal	24	1.01
Mode 1	Pass	AV	7.3101G	29.83	62.20	-32.37	3	Horizontal	261	2.13
Mode 1	Pass	AV	7.31944G	29.47	62.20	-32.73	3	Horizontal	223	1.50
Mode 1	Pass	PK	4.87394G	47.44	82.20	-34.76	3	Horizontal	298	2.19
Mode 1	Pass	PK	4.87943G	50.23	82.20	-31.97	3	Horizontal	24	1.01
Mode 1	Pass	PK	7.31346G	41.27	82.20	-40.93	3	Horizontal	261	2.13
Mode 1	Pass	PK	7.31838G	42.27	82.20	-39.93	3	Horizontal	223	1.50
Mode 2	Pass	AV	4.87993G	47.81	62.20	-14.39	3	Vertical	326	2.92
Mode 2	Pass	AV	10.40444G	32.86	62.20	-29.34	3	Vertical	191	1.28
Mode 2	Pass	AV	15.58509G	34.20	62.20	-28.00	3	Vertical	289	1.78
Mode 2	Pass	PK	4.87948G	54.25	82.20	-27.95	3	Vertical	326	2.92
Mode 2	Pass	PK	10.40275G	44.65	82.20	-37.55	3	Vertical	191	1.28
Mode 2	Pass	PK	15.60501G	46.09	82.20	-36.11	3	Vertical	289	1.78
Mode 2	Pass	AV	4.87995G	54.21	62.20	-7.99	3	Horizontal	200	1.08
Mode 2	Pass	AV	10.40081G	34.13	62.20	-28.07	3	Horizontal	355	1.94
Mode 2	Pass	AV	15.58539G	34.20	62.20	-28.00	3	Horizontal	287	1.63
Mode 2	Pass	PK	4.88048G	60.65	82.20	-21.55	3	Horizontal	200	1.08
Mode 2	Pass	PK	10.39763G	46.12	82.20	-36.08	3	Horizontal	355	1.94
Mode 2	Pass	PK	15.5934G	45.78	82.20	-36.42	3	Horizontal	287	1.63

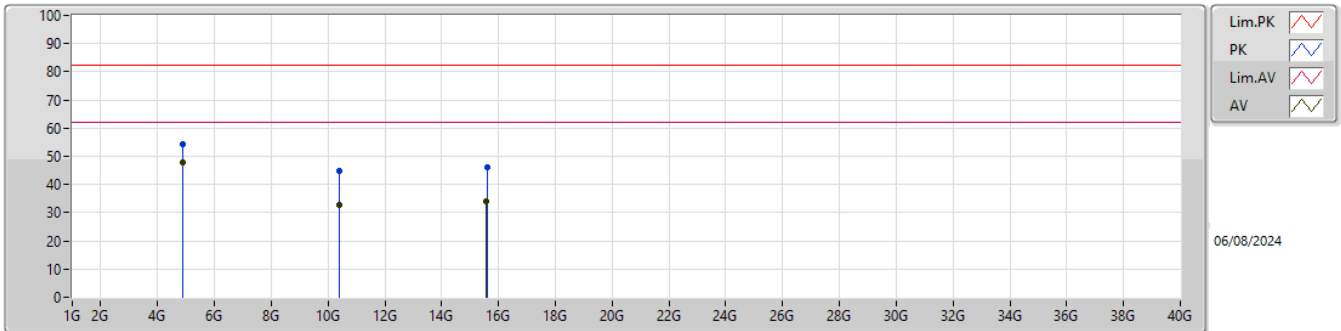
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

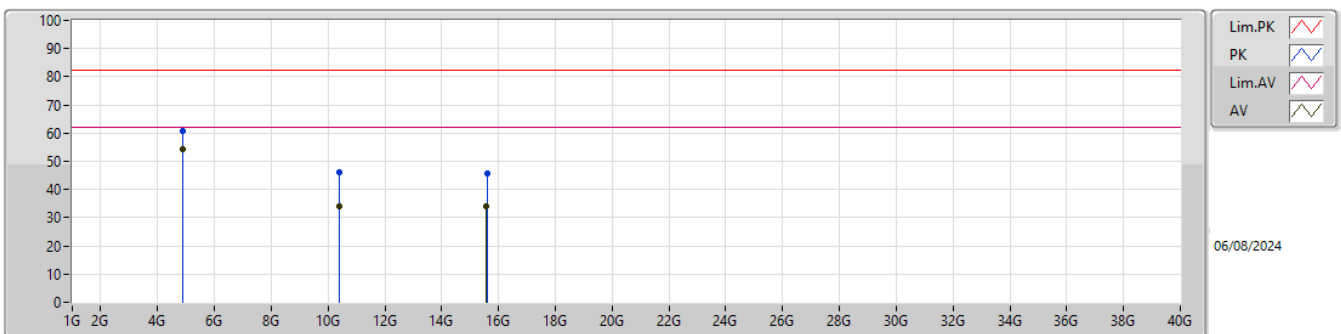


Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)				
AV	4.87993G	47.81	62.20	-14.39	-5.43	3	Vertical	326	2.92	53.24	32.52	6.59	44.54				
AV	10.40444G	32.86	62.20	-29.34	5.88	3	Vertical	191	1.28	26.98	38.60	10.34	43.06				
AV	15.58509G	34.20	62.20	-28.00	7.27	3	Vertical	289	1.78	26.93	38.03	13.04	43.80				
PK	4.87948G	54.25	82.20	-27.95	-5.43	3	Vertical	326	2.92	59.68	32.52	6.59	44.54				
PK	10.40275G	44.65	82.20	-37.55	5.88	3	Vertical	191	1.28	38.77	38.60	10.34	43.06				
PK	15.60501G	46.09	82.20	-36.11	7.22	3	Vertical	289	1.78	38.87	37.98	13.05	43.81				

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)				
AV	4.87995G	54.21	62.20	-7.99	-5.43	3	Horizontal	200	1.08	59.64	32.52	6.59	44.54				
AV	10.40081G	34.13	62.20	-28.07	5.88	3	Horizontal	355	1.94	28.25	38.60	10.34	43.06				
AV	15.58539G	34.20	62.20	-28.00	7.27	3	Horizontal	287	1.63	26.93	38.03	13.04	43.80				
PK	4.88048G	60.65	82.20	-21.55	-5.43	3	Horizontal	200	1.08	66.08	32.52	6.59	44.54				
PK	10.39763G	46.12	82.20	-36.08	5.88	3	Horizontal	355	1.94	40.24	38.60	10.34	43.06				
PK	15.5934G	45.78	82.20	-36.42	7.26	3	Horizontal	287	1.63	38.52	38.01	13.05	43.80				

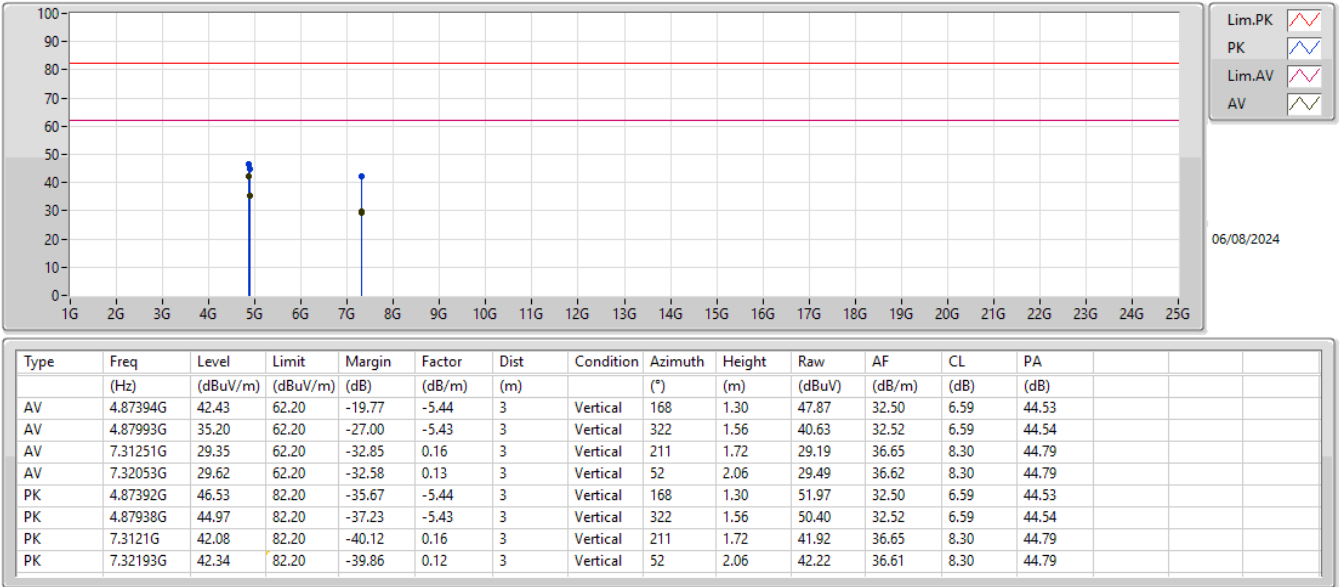
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.88021G	45.01	62.20	-17.19	Horizontal
Mode 2	Pass	AV	4.87986G	55.97	62.20	-6.23	Horizontal

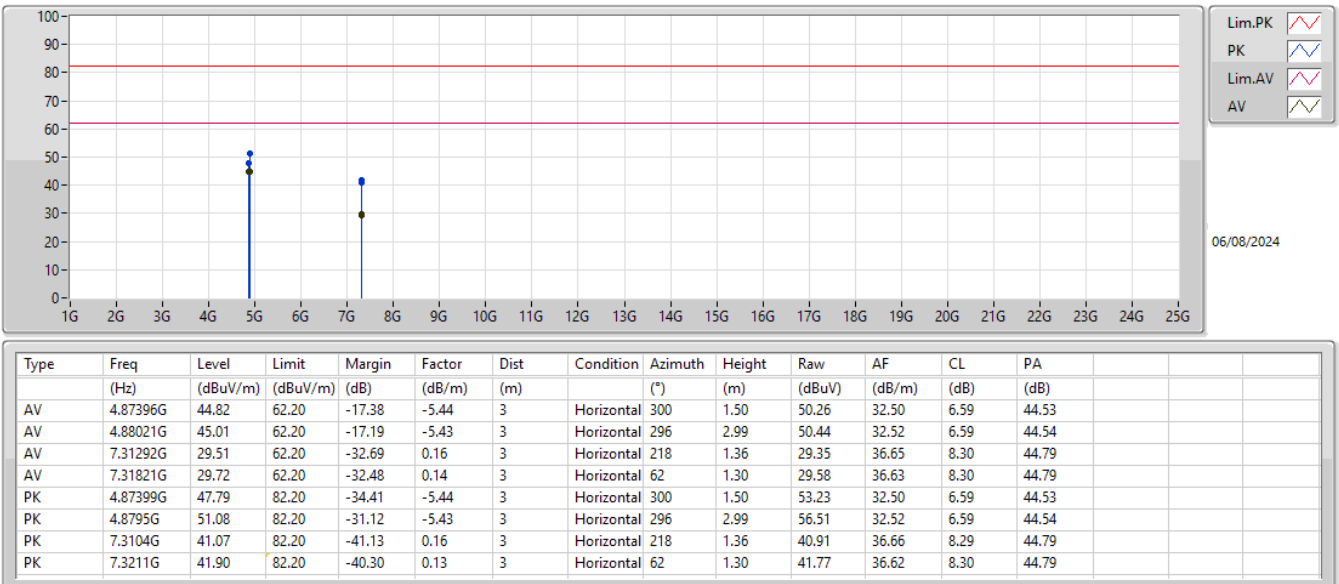
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87394G	42.43	62.20	-19.77	3	Vertical	168	1.30	-
Mode 1	Pass	AV	4.87993G	35.20	62.20	-27.00	3	Vertical	322	1.56	-
Mode 1	Pass	AV	7.31251G	29.35	62.20	-32.85	3	Vertical	211	1.72	-
Mode 1	Pass	AV	7.32053G	29.62	62.20	-32.58	3	Vertical	52	2.06	-
Mode 1	Pass	PK	4.87392G	46.53	82.20	-35.67	3	Vertical	168	1.30	-
Mode 1	Pass	PK	4.87938G	44.97	82.20	-37.23	3	Vertical	322	1.56	-
Mode 1	Pass	PK	7.3121G	42.08	82.20	-40.12	3	Vertical	211	1.72	-
Mode 1	Pass	PK	7.32193G	42.34	82.20	-39.86	3	Vertical	52	2.06	-
Mode 1	Pass	AV	4.87396G	44.82	62.20	-17.38	3	Horizontal	300	1.50	-
Mode 1	Pass	AV	4.88021G	45.01	62.20	-17.19	3	Horizontal	296	2.99	-
Mode 1	Pass	AV	7.31292G	29.51	62.20	-32.69	3	Horizontal	218	1.36	-
Mode 1	Pass	AV	7.31821G	29.72	62.20	-32.48	3	Horizontal	62	1.30	-
Mode 1	Pass	PK	4.87399G	47.79	82.20	-34.41	3	Horizontal	300	1.50	-
Mode 1	Pass	PK	4.8795G	51.08	82.20	-31.12	3	Horizontal	296	2.99	-
Mode 1	Pass	PK	7.3104G	41.07	82.20	-41.13	3	Horizontal	218	1.36	-
Mode 1	Pass	PK	7.3211G	41.90	82.20	-40.30	3	Horizontal	62	1.30	-
Mode 2	Pass	AV	4.87992G	47.08	62.20	-15.12	3	Vertical	25	1.44	-
Mode 2	Pass	AV	10.40132G	33.10	62.20	-29.10	3	Vertical	113	1.40	-
Mode 2	Pass	AV	15.5859G	34.52	62.20	-27.68	3	Vertical	336	2.90	-
Mode 2	Pass	PK	4.87945G	53.66	82.20	-28.54	3	Vertical	25	1.44	-
Mode 2	Pass	PK	10.39852G	44.89	82.20	-37.31	3	Vertical	113	1.40	-
Mode 2	Pass	PK	15.5916G	45.87	82.20	-36.33	3	Vertical	336	2.90	-
Mode 2	Pass	AV	4.87986G	55.97	62.20	-6.23	3	Horizontal	298	2.26	-
Mode 2	Pass	AV	10.40001G	32.48	62.20	-29.72	3	Horizontal	217	2.26	-
Mode 2	Pass	AV	15.58662G	34.36	62.20	-27.84	3	Horizontal	270	1.50	-
Mode 2	Pass	PK	4.8795G	62.31	82.20	-19.89	3	Horizontal	298	2.26	-
Mode 2	Pass	PK	10.40176G	44.42	82.20	-37.78	3	Horizontal	217	2.26	-
Mode 2	Pass	PK	15.58767G	46.54	82.20	-35.66	3	Horizontal	270	1.50	-

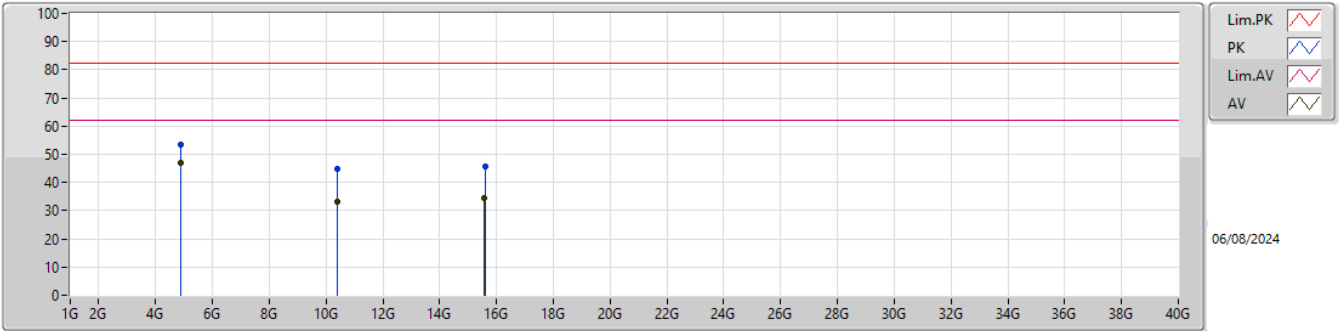
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

