

FCC Radio Test Report

FCC ID : 2ASRT-SCN355
Equipment : Digital Projector
Brand Name : PHILIPS
Model Name : Screeneo UL5 Smart, SCN355
Applicant : Screeneo Innovation SA
Route de Lully 5C 1131 Tolochenaz Switzerland
Manufacturer : Screeneo Innovation SA
Route de Lully 5C 1131 Tolochenaz Switzerland
Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 15, 2024, and testing was started from Apr. 03, 2024 and completed on Apr. 13, 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

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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.....	10
2.3 Accessories	11
2.4 Support Equipment.....	11
2.5 Test Setup Diagram	12
3 TRANSMITTER TEST RESULT	14
3.1 AC Power-line Conducted Emissions	14
3.2 Emission Bandwidth	16
3.3 Maximum Conducted Output Power	17
3.4 Peak Power Spectral Density.....	19
3.5 Unwanted Emissions.....	21
4 TEST EQUIPMENT AND CALIBRATION DATA.....	25
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 PHOTOS	
PHOTOGRAPHS OF EUT V01	



TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver4.5
FCC ID: 2ASRT-SCN355

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: Barry Hsiao

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.25-5.35GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.25-5.35GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.25-5.35GHz	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.
- ♦ Evaluated VHT20/VHT40/VHT80 mode only due to the similar modulation. The power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40/VHT80.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	LeJin	LJF02-23072908-R0A	PIFA antenna	I-PEX

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	2.19	2.28	2.19

Note 1: The EUT has one antenna.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

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

Only Ant. 1 (port 1) can be used as transmitting/receiving antenna.

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
TPC Function	☒	With TPC Function	☐ Without TPC Function
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

Mode	DC	DCF (dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_1TX	0.933	0.3	1.397m	1k
802.11ac VHT20_Nss1,(MCS0)_1TX	0.929	0.32	1.317m	1k
802.11ac VHT40_Nss1,(MCS0)_1TX	0.866	0.62	657.187u	3k
802.11ac VHT80_Nss1,(MCS0)_1TX	0.889	0.51	325.312u	10k

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
Screeneo UL5 Smart, SCN355	All the models are identical, the difference model served as marketing strategy.

From the above models, Screeneo UL5 Smart was selected as representative model 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	Lego Lin	21.3~22.5°C / 52~53%	13/Apr/2024
RF Conducted	TH06-HY	Henry Ho	22.1~23.4°C / 50~52%	03/Apr/2024~12/Apr/2024
Radiated	03CH03-HY	Edward Wang	21.2~23.2°C / 51~52%	09/Apr/2024~11/Apr/2024
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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%
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	putty release 0.72
Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	54
5200MHz	61
5240MHz	76
5260MHz	76
5300MHz	65
5320MHz	56
5745MHz	80
5785MHz	80
5825MHz	80
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5180MHz	51
5200MHz	64
5240MHz	76
5260MHz	76
5300MHz	66
5320MHz	57
5745MHz	80
5785MHz	80
5825MHz	80
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5190MHz	47
5230MHz	62
5270MHz	60
5310MHz	46
5755MHz	74
5795MHz	79
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5210MHz	37
5290MHz	37
5775MHz	65

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	
Operating Mode > 1GHz	CTX	
Orthogonal Planes of EUT	X Plane	Y Plane
		
Worst Planes of EUT		V

2.3 Accessories

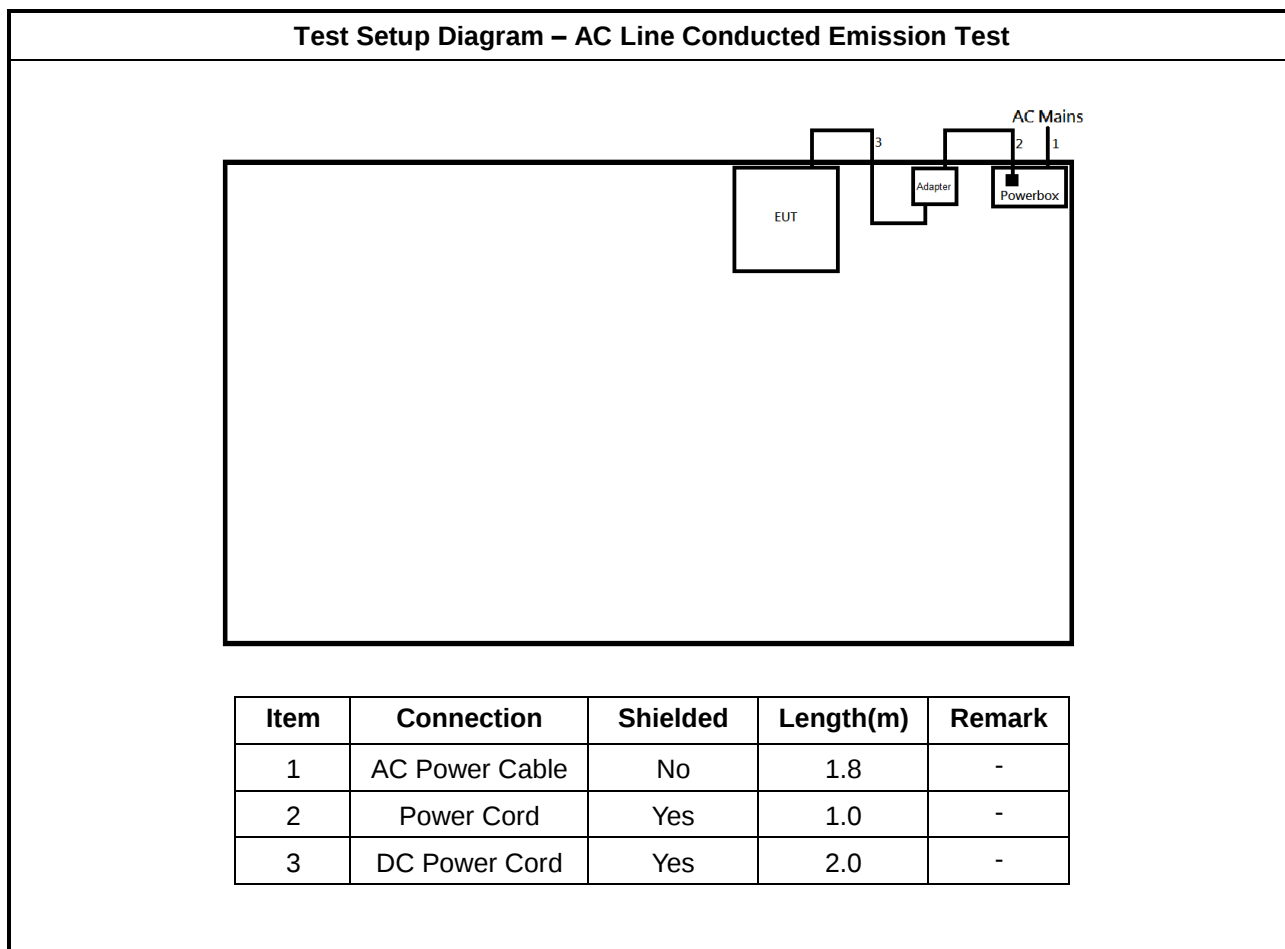
Accessories				
AC Adapter	Brand Name	PHILIPS	Model Name	S-TR-185
	Manufacturer	DONGGUAN SHELL ELECTRONIC LIMITED		
	Power Rating	I/P: 100 - 240Vac, 2 A, O/P: 5 Vdc, 3 A, 15W, 9 Vdc, 3 A, 27W 12 Vdc, 3 A, 36W 15 Vdc, 3 A, 45W 20 Vdc, 5 A, 100W		
	DC Power Cord	2 meter, shielded cable, with ferrite core		
Power Cord (US Plug)	Brand Name	I-SHENG		
	Power Cord	1 meter, shielded cable, without ferrite core		
Bluetooth remote control	Brand Name	PHILIPS	Model Name	AN2301B-2SC

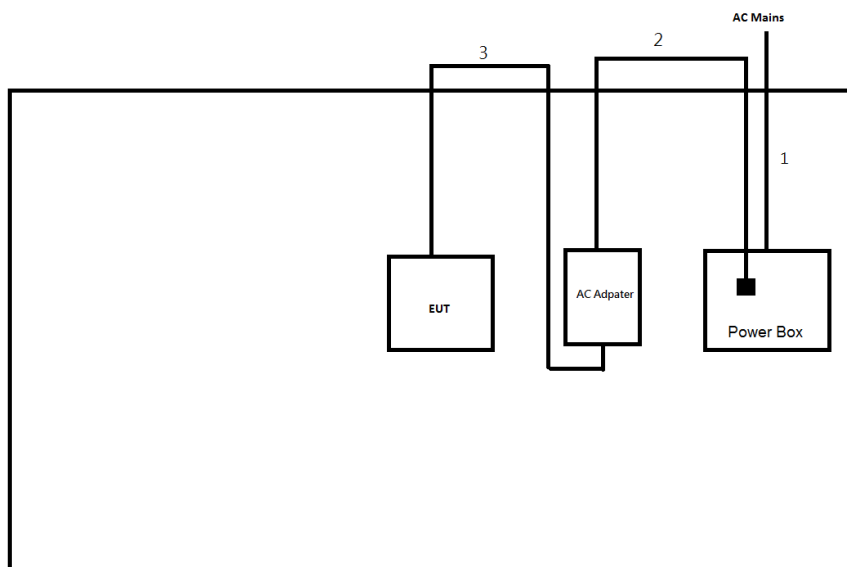
Reminder: Regarding to more detail and other information, please refer to user manual.

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	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	Power Cord	Yes	1.0	-
3	DC Power Cord	Yes	2.0	-



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

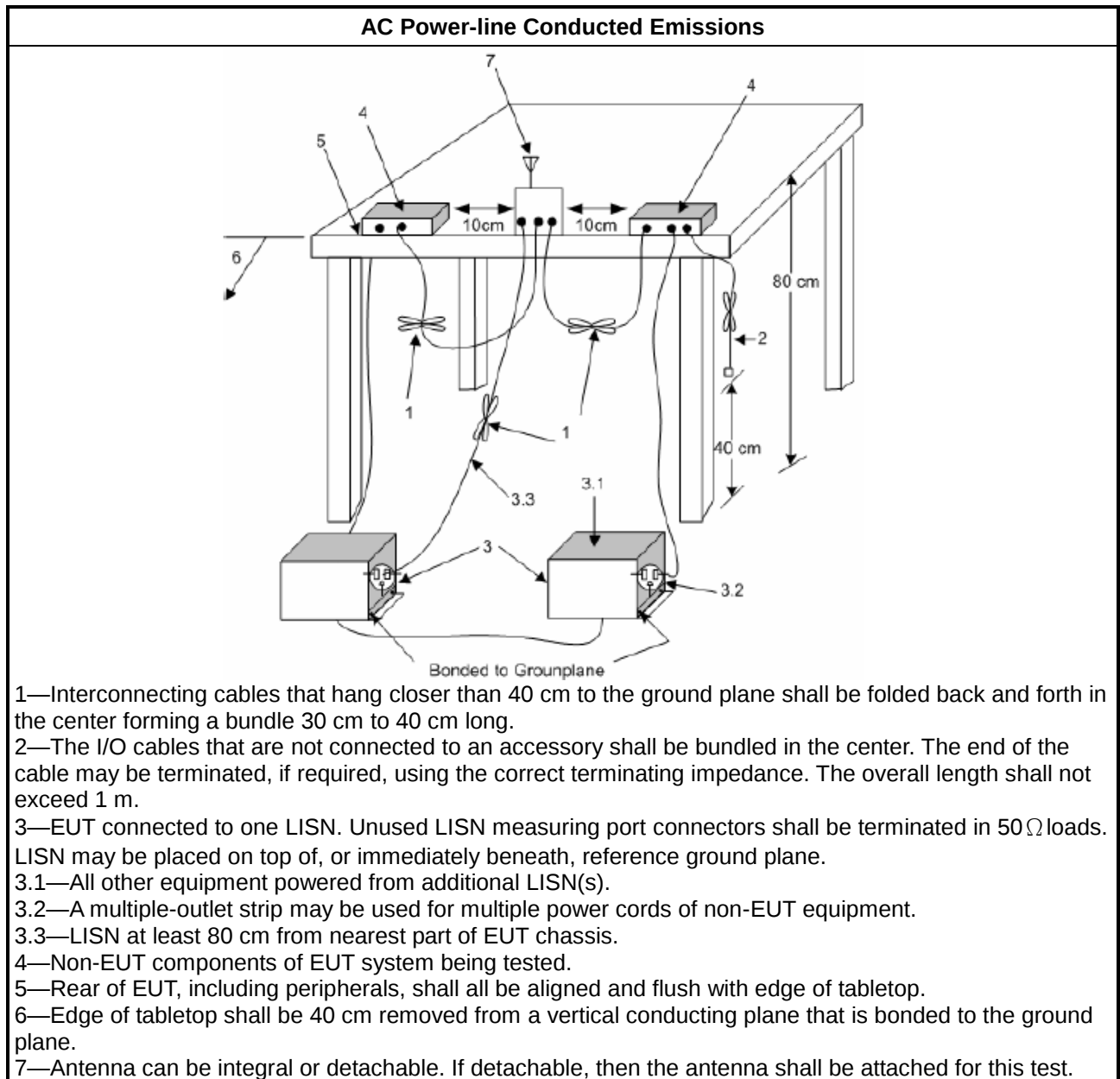
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

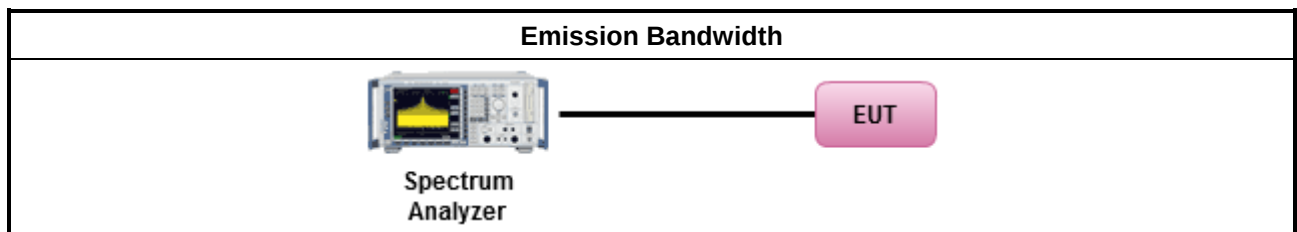
3.2.2 Measuring Instruments

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 ≤ 125 mW [21 dBm]
☐	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.	

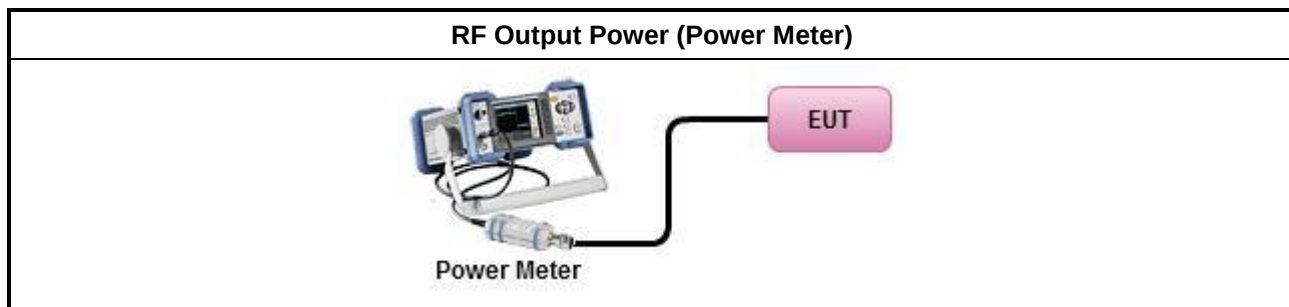
3.3.2 Measuring Instruments

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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

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.	

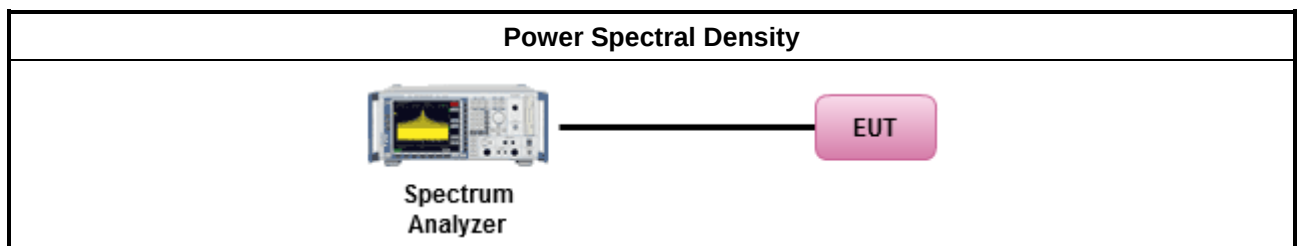
3.4.2 Measuring Instruments

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

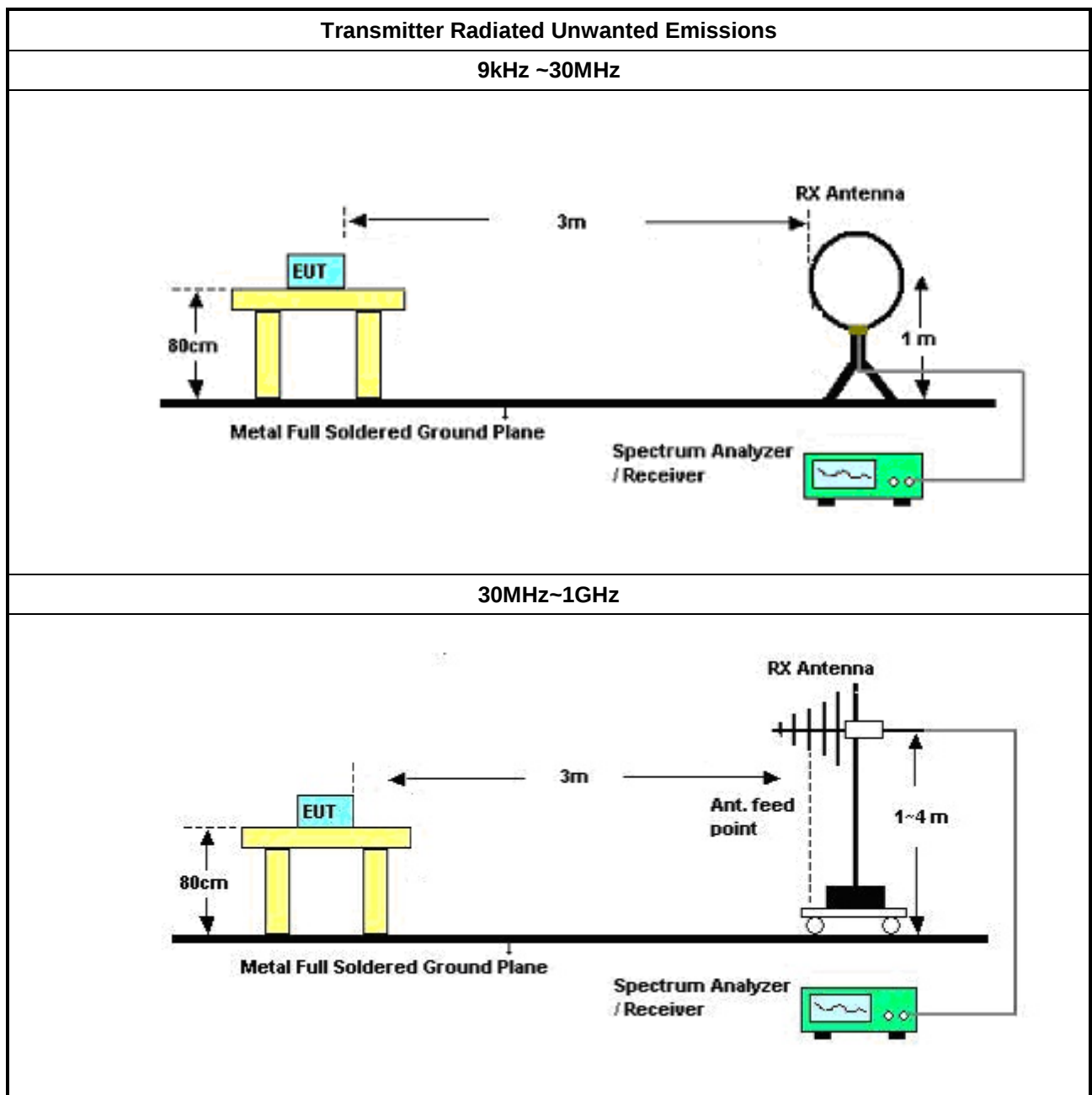
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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.

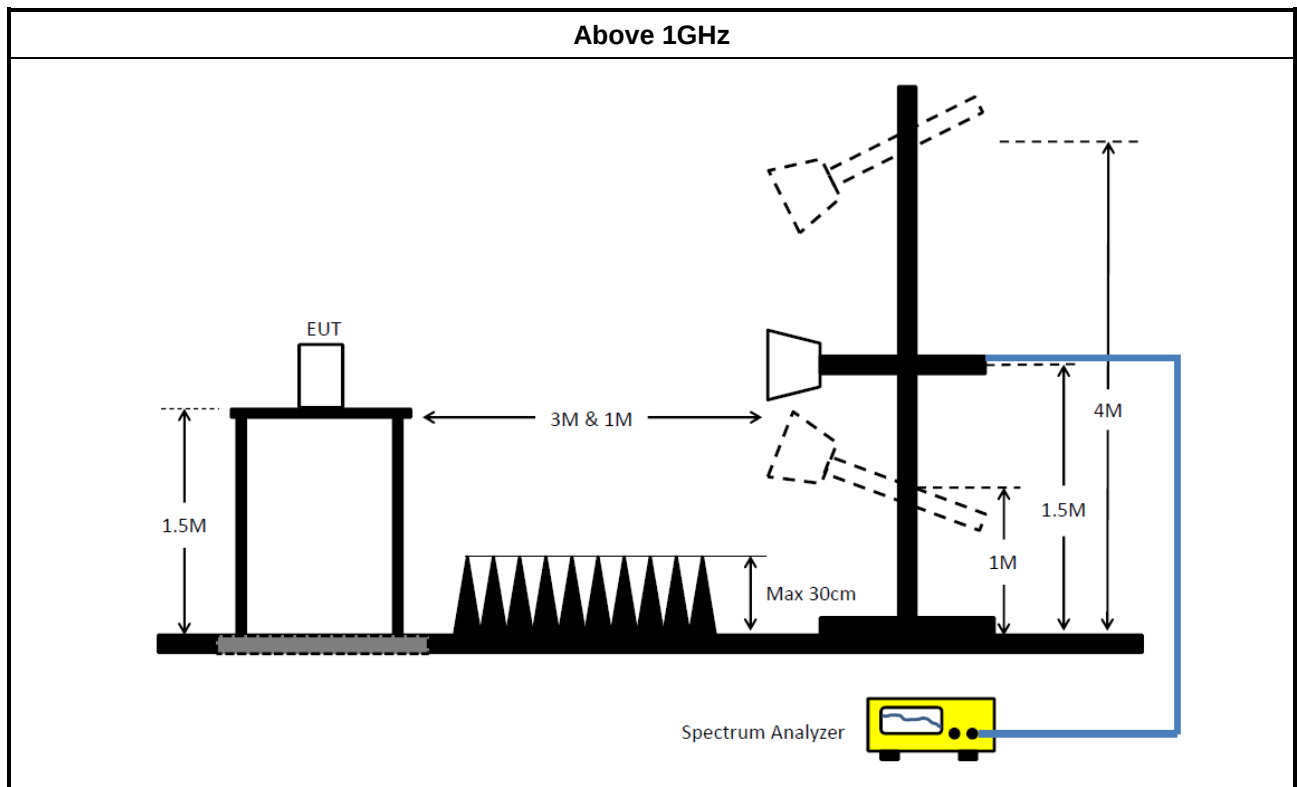
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier 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	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	101295	9kHz ~ 30MHz	05/Feb/2024	04/Feb/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 Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV	101029	9kHz ~ 30GHz	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	2105003	300MHz~40GHz	19/Sep/2023	18/Sep/2024
Power Sensor	Anritsu	MA2411B	1911254	300MHz~40GHz	19/Sep/2023	18/Sep/2024
SENSE-15407_NII	Sporton	V5.11.17	N/A	N/A	N/A	N/A

**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	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	30/Jul/2023	29/Jul/2024
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	16/May/2023	15/May/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2023	25/Oct/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	15/Oct/2023	14/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	04/Oct/2023	03/Oct/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz ~ 40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2023	12/Jun/2024
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	13/Jun/2023	12/Jun/2024
RF CABLE 5+8 m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Amplifier	Agilent	8447D	2944A08033	100kHz~1.3GHz	14/Sep/2023	13/Sep/2024
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	26/Jul/2023	25/Jul/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Aug/2023	17/Aug/2024
SENSE-15407_NII	Sporton	V5.11.16	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

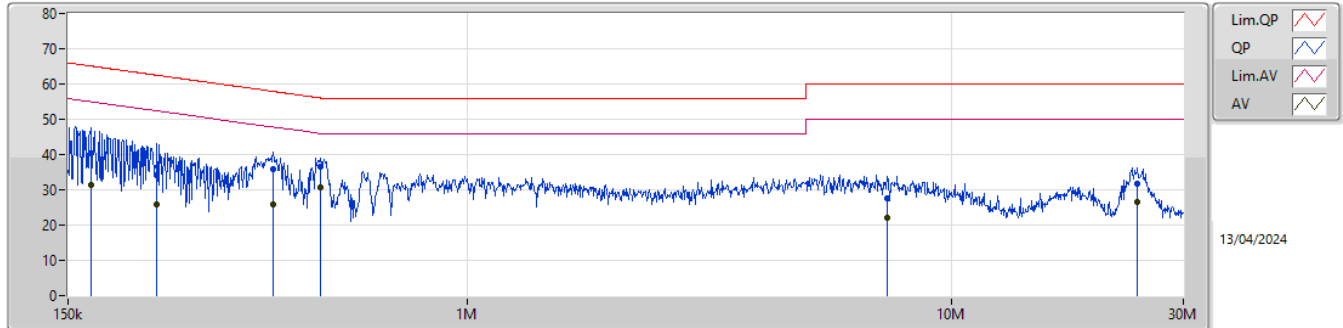
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	496.827k	30.68	46.06	-15.38	Line

Result

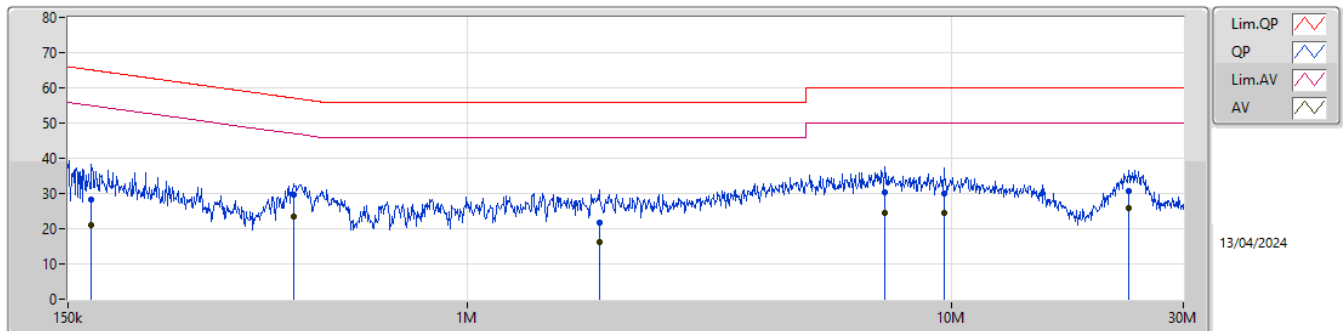
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	167.071k	40.21	65.10	-24.89	Line	-
Mode 1	Pass	AV	167.071k	31.47	55.10	-23.63	Line	-
Mode 1	Pass	QP	229.015k	34.30	62.48	-28.18	Line	-
Mode 1	Pass	AV	229.015k	25.83	52.48	-26.65	Line	-
Mode 1	Pass	QP	397.299k	35.88	57.91	-22.03	Line	-
Mode 1	Pass	AV	397.299k	26.01	47.91	-21.90	Line	-
Mode 1	Pass	QP	496.827k	36.45	56.06	-19.61	Line	-
Mode 1	Pass	AV	496.827k	30.68	46.06	-15.38	Line	-
Mode 1	Pass	QP	7.353M	27.54	60.00	-32.46	Line	-
Mode 1	Pass	AV	7.353M	22.18	50.00	-27.82	Line	-
Mode 1	Pass	QP	24.161M	31.58	60.00	-28.42	Line	-
Mode 1	Pass	AV	24.161M	26.71	50.00	-23.29	Line	-
Mode 1	Pass	QP	167.739k	28.18	65.06	-36.88	Neutral	-
Mode 1	Pass	AV	167.739k	21.02	55.06	-34.04	Neutral	-
Mode 1	Pass	QP	438.995k	29.74	57.09	-27.35	Neutral	-
Mode 1	Pass	AV	438.995k	23.57	47.09	-23.52	Neutral	-
Mode 1	Pass	QP	1.87M	21.65	56.00	-34.35	Neutral	-
Mode 1	Pass	AV	1.87M	16.24	46.00	-29.76	Neutral	-
Mode 1	Pass	QP	7.265M	30.38	60.00	-29.62	Neutral	-
Mode 1	Pass	AV	7.265M	24.60	50.00	-25.40	Neutral	-
Mode 1	Pass	QP	9.608M	29.87	60.00	-30.13	Neutral	-
Mode 1	Pass	AV	9.608M	24.32	50.00	-25.68	Neutral	-
Mode 1	Pass	QP	23.123M	30.79	60.00	-29.21	Neutral	-
Mode 1	Pass	AV	23.123M	25.97	50.00	-24.03	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	167.071k	40.21	65.10	-24.89	19.41	Line	-	20.80	9.61	0.07	9.73						
AV	167.071k	31.47	55.10	-23.63	19.41	Line	-	12.06	9.61	0.07	9.73						
QP	229.015k	34.30	62.48	-28.18	19.41	Line	-	14.89	9.61	0.10	9.70						
AV	229.015k	25.83	52.48	-26.65	19.41	Line	-	6.42	9.61	0.10	9.70						
QP	397.299k	35.88	57.91	-22.03	19.49	Line	-	16.39	9.61	0.12	9.76						
AV	397.299k	26.01	47.91	-21.90	19.49	Line	-	6.52	9.61	0.12	9.76						
QP	496.827k	36.45	56.06	-19.61	19.49	Line	-	16.96	9.61	0.11	9.77						
AV	496.827k	30.68	46.06	-15.38	19.49	Line	-	11.19	9.61	0.11	9.77						
QP	7.353M	27.54	60.00	-32.46	19.50	Line	-	8.04	9.65	0.06	9.79						
AV	7.353M	22.18	50.00	-27.82	19.50	Line	-	2.68	9.65	0.06	9.79						
QP	24.161M	31.58	60.00	-28.42	19.51	Line	-	12.07	9.53	0.13	9.85						
AV	24.161M	26.71	50.00	-23.29	19.51	Line	-	7.20	9.53	0.13	9.85						

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	167.739k	28.18	65.06	-36.88	19.42	Neutral	-	8.76	9.62	0.07	9.73						
AV	167.739k	21.02	55.06	-34.04	19.42	Neutral	-	1.60	9.62	0.07	9.73						
QP	438.995k	29.74	57.09	-27.35	19.49	Neutral	-	10.25	9.61	0.12	9.76						
AV	438.995k	23.57	47.09	-23.52	19.49	Neutral	-	4.08	9.61	0.12	9.76						
QP	1.87M	21.65	56.00	-34.35	19.53	Neutral	-	2.12	9.62	0.11	9.80						
AV	1.87M	16.24	46.00	-29.76	19.53	Neutral	-	-3.29	9.62	0.11	9.80						
QP	7.265M	30.38	60.00	-29.62	19.52	Neutral	-	10.86	9.67	0.06	9.79						
AV	7.265M	24.60	50.00	-25.40	19.52	Neutral	-	5.08	9.67	0.06	9.79						
QP	9.608M	29.87	60.00	-30.13	19.53	Neutral	-	10.34	9.69	0.05	9.79						
AV	9.608M	24.32	50.00	-25.68	19.53	Neutral	-	4.79	9.69	0.05	9.79						
QP	23.123M	30.79	60.00	-29.21	19.66	Neutral	-	11.13	9.69	0.13	9.84						
AV	23.123M	25.97	50.00	-24.03	19.66	Neutral	-	6.31	9.69	0.13	9.84						

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	30.965M	19.108M	19M1D1D	20.24M	16.492M
802.11ac VHT20_Nss1,(MCS0)_1TX	27.61M	18.766M	18M8D1D	20.735M	17.566M
802.11ac VHT40_Nss1,(MCS0)_1TX	38.83M	36.032M	36M0D1D	38.28M	35.932M
802.11ac VHT80_Nss1,(MCS0)_1TX	78.76M	75.262M	75M3D1D	78.76M	75.262M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	31.68M	19.262M	19M3D1D	20.295M	16.492M
802.11ac VHT20_Nss1,(MCS0)_1TX	33M	18.916M	18M9D1D	20.405M	17.666M
802.11ac VHT40_Nss1,(MCS0)_1TX	38.72M	36.032M	36M0D1D	38.5M	35.982M
802.11ac VHT80_Nss1,(MCS0)_1TX	77.66M	75.162M	75M2D1D	77.66M	75.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.335M	25.991M	26M0D1D	15.125M	24.804M
802.11ac VHT20_Nss1,(MCS0)_1TX	15.95M	26.487M	26M5D1D	11.055M	25.987M
802.11ac VHT40_Nss1,(MCS0)_1TX	36.08M	55.672M	55M7D1D	34.32M	39.98M
802.11ac VHT80_Nss1,(MCS0)_1TX	75.24M	75.562M	75M6D1D	75.24M	75.562M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.24M	16.492M
5200MHz	Pass	Inf	20.35M	16.712M
5240MHz	Pass	Inf	30.965M	19.108M
5260MHz	Pass	Inf	31.68M	19.262M
5300MHz	Pass	Inf	20.295M	16.492M
5320MHz	Pass	Inf	20.955M	16.558M
5745MHz	Pass	500k	15.125M	24.804M
5785MHz	Pass	500k	16.28M	25.991M
5825MHz	Pass	500k	16.335M	25.617M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.9M	17.566M
5200MHz	Pass	Inf	20.735M	17.716M
5240MHz	Pass	Inf	27.61M	18.766M
5260MHz	Pass	Inf	33M	18.916M
5300MHz	Pass	Inf	20.68M	17.666M
5320MHz	Pass	Inf	20.405M	17.741M
5745MHz	Pass	500k	15.95M	26.487M
5785MHz	Pass	500k	11.055M	26.287M
5825MHz	Pass	500k	15.895M	25.987M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	38.28M	35.932M
5230MHz	Pass	Inf	38.83M	36.032M
5270MHz	Pass	Inf	38.5M	36.032M
5310MHz	Pass	Inf	38.72M	35.982M
5755MHz	Pass	500k	34.32M	39.98M
5795MHz	Pass	500k	36.08M	55.672M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	78.76M	75.262M
5290MHz	Pass	Inf	77.66M	75.162M
5775MHz	Pass	500k	75.24M	75.562M

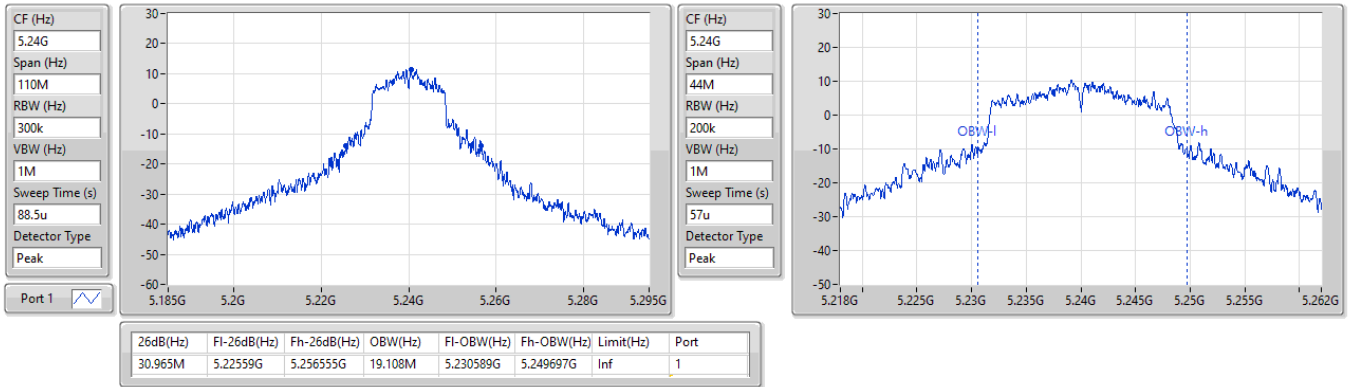
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

12/04/2024

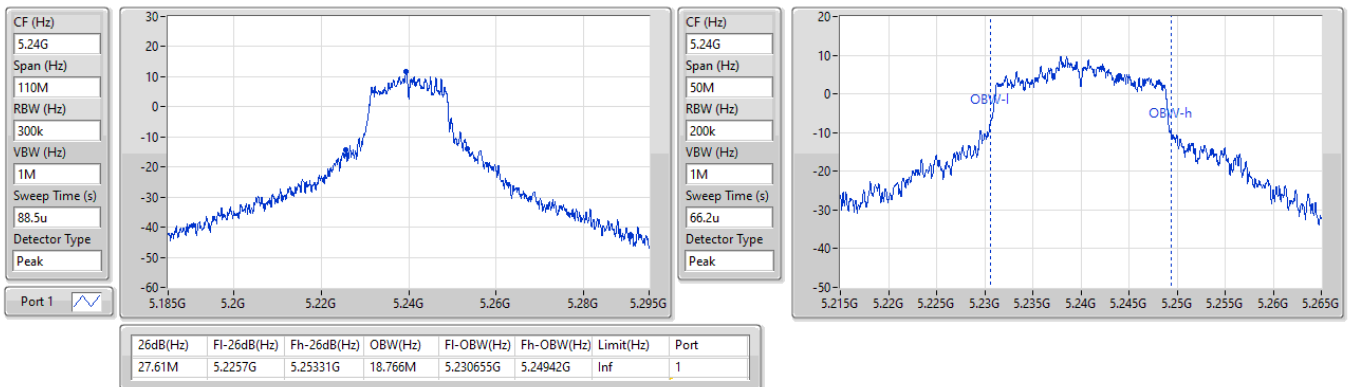


5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

12/04/2024

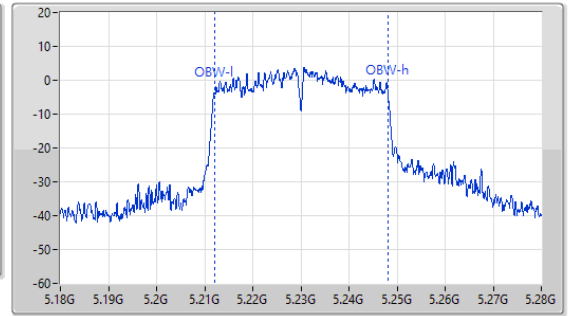
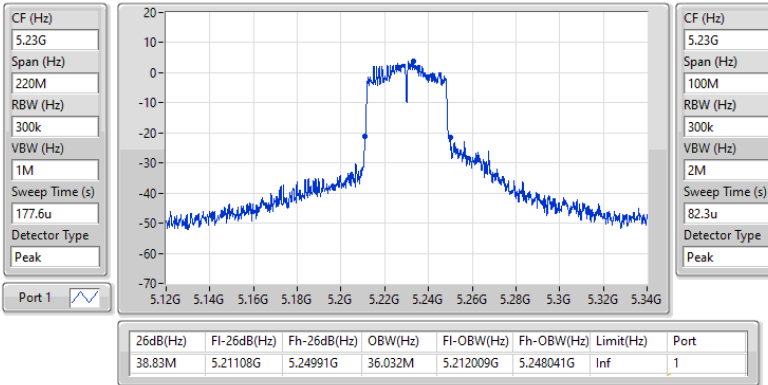


5.15-5.25GHz 802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

12/04/2024

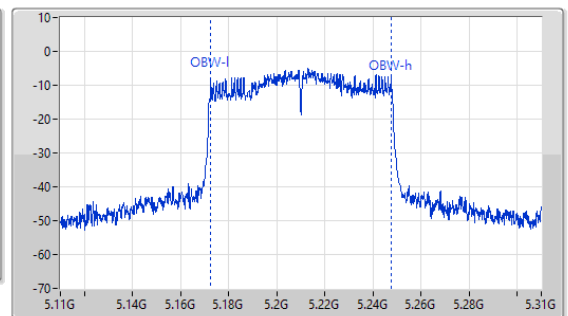
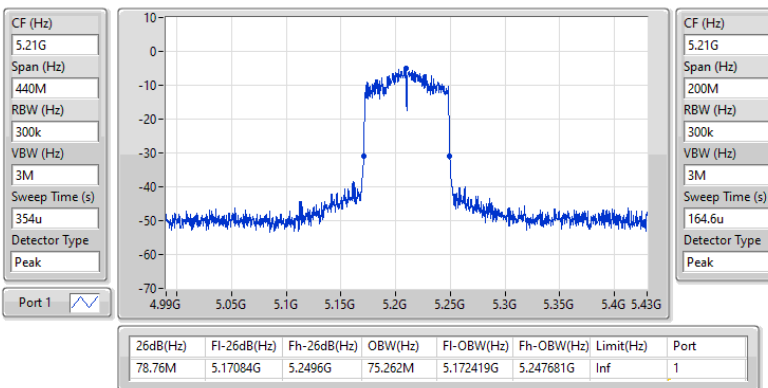


5.15-5.25GHz 802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

12/04/2024

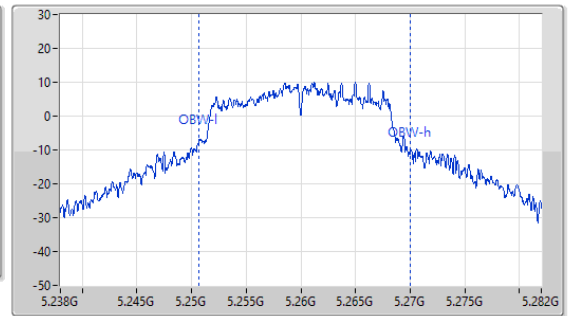
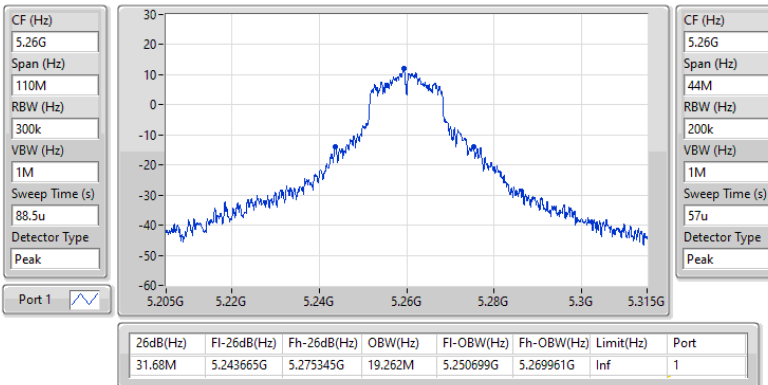


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

12/04/2024

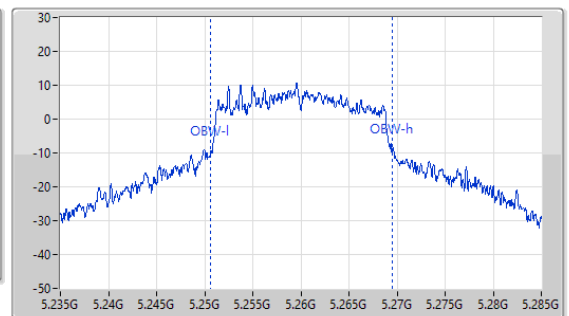
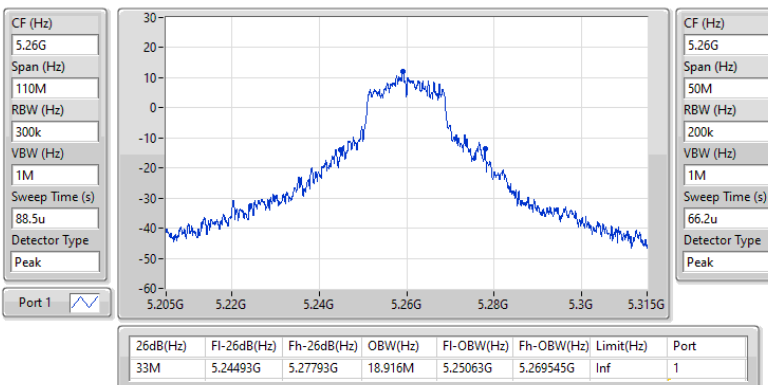


5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

EBW

5260MHz

12/04/2024

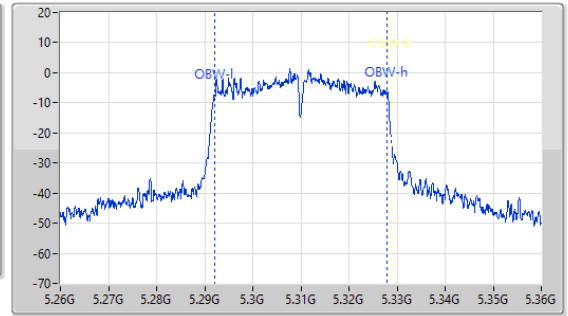
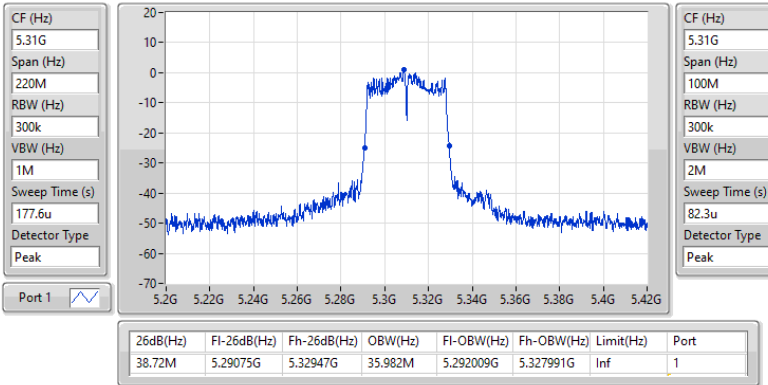


5.25-5.35GHz 802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

12/04/2024

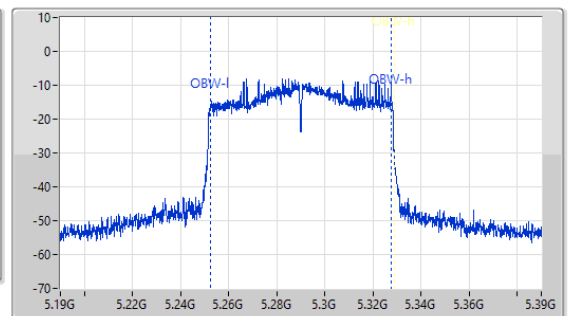
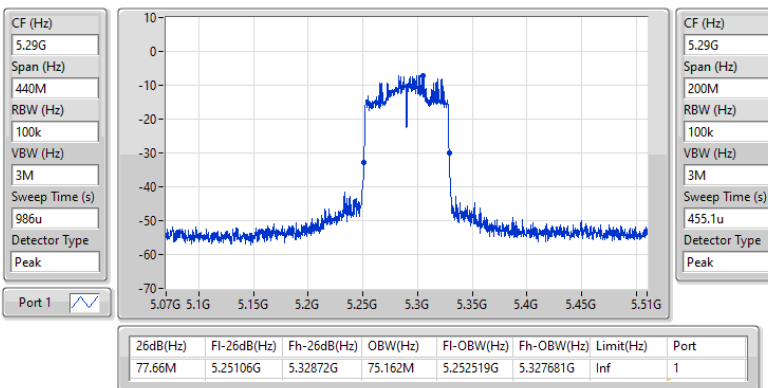


5.25-5.35GHz 802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

12/04/2024

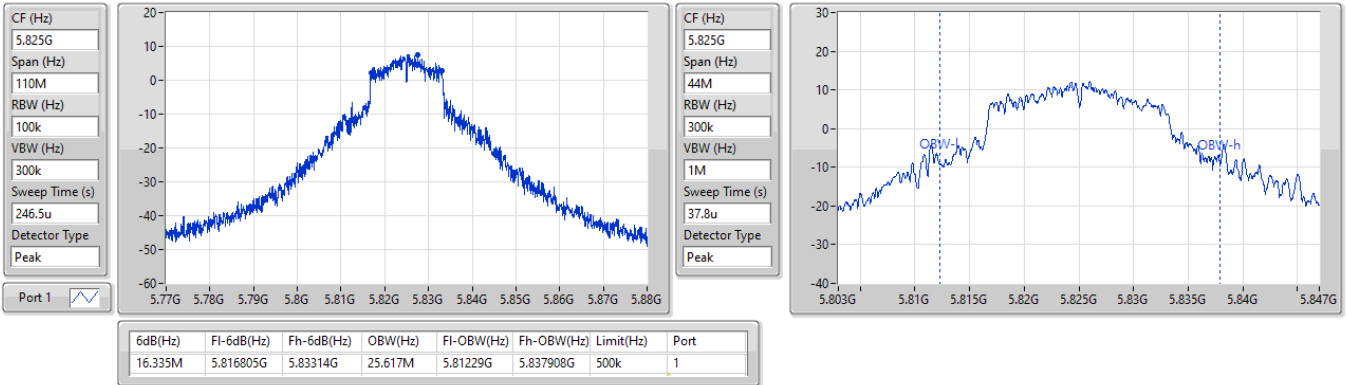


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

12/04/2024

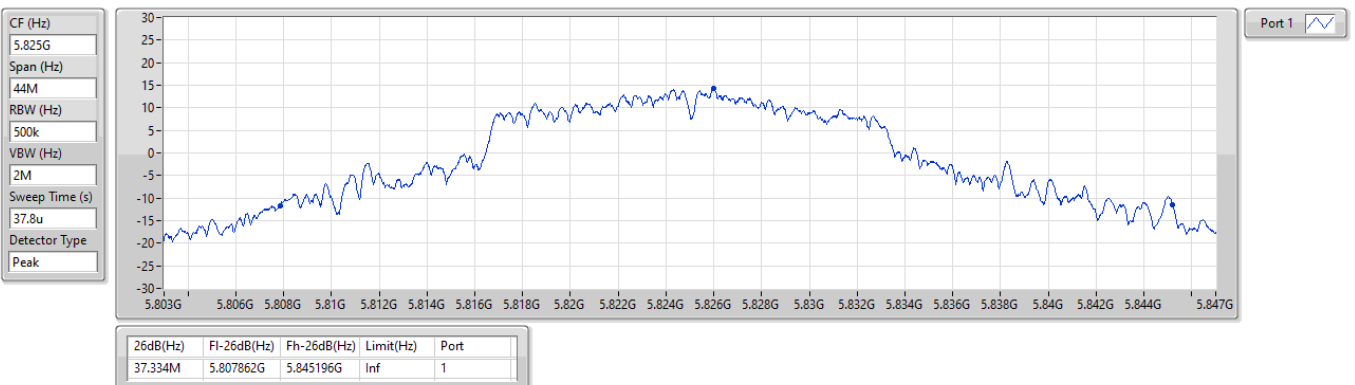


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

12/04/2024

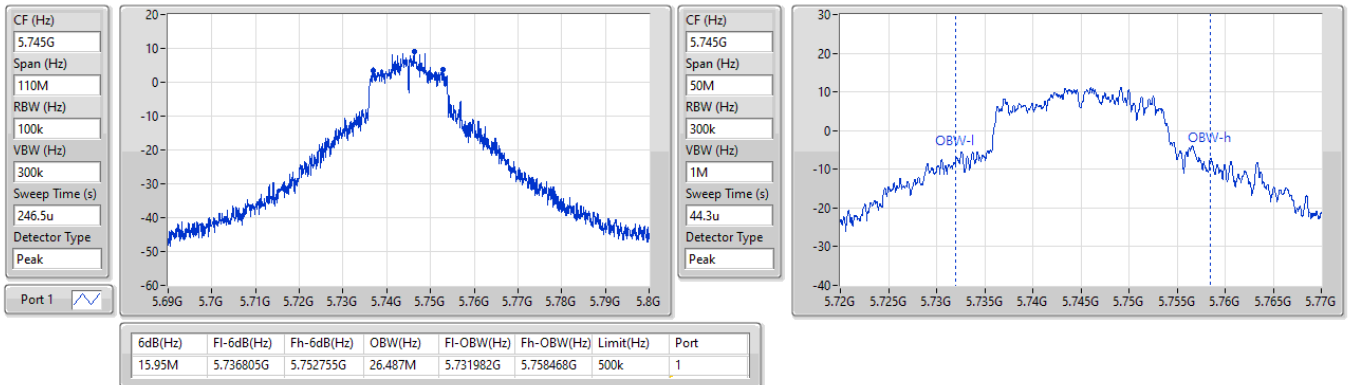


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

12/04/2024

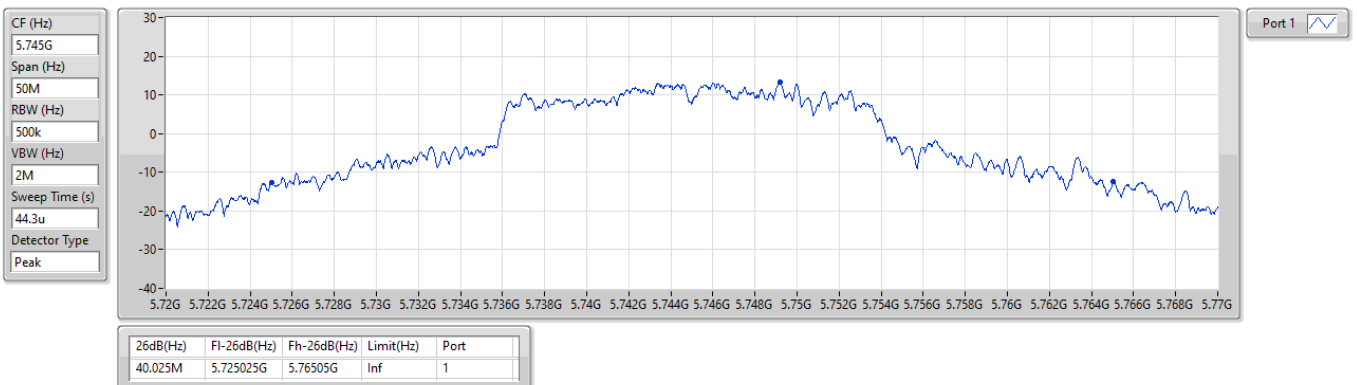


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

12/04/2024

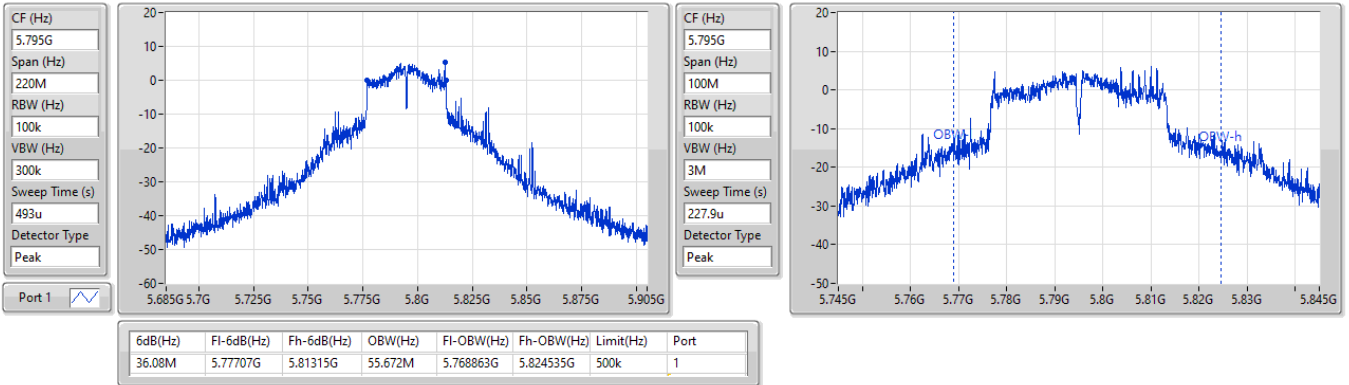


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5795MHz

12/04/2024

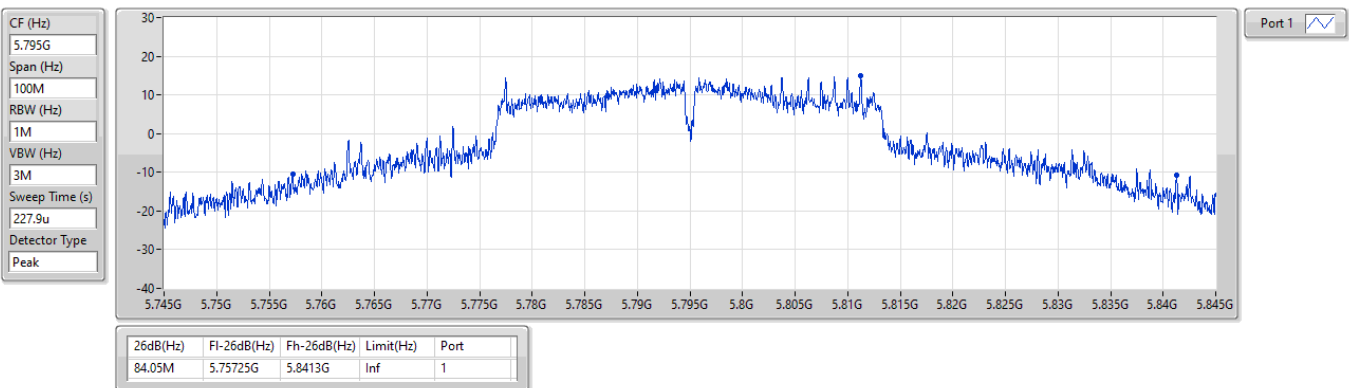


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

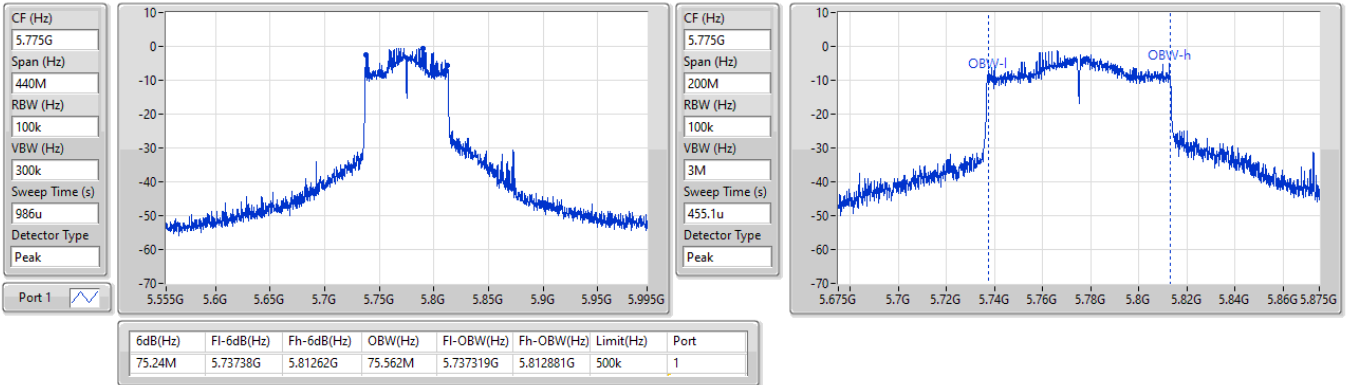
5795MHz

12/04/2024

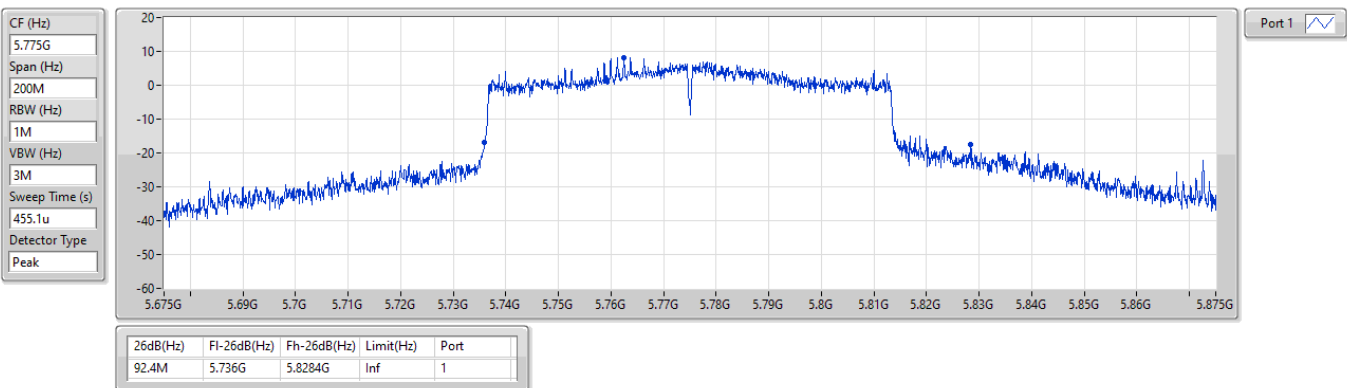


5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5775MHz

12/04/2024


5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5775MHz

12/04/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP
				(W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.91	0.09795	22.19	0.16558
802.11ac VHT20_Nss1,(MCS0)_1TX	19.50	0.08913	21.78	0.15066
802.11ac VHT40_Nss1,(MCS0)_1TX	15.69	0.03707	17.97	0.06266
802.11ac VHT80_Nss1,(MCS0)_1TX	9.48	0.00887	11.76	0.01500
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.78	0.09506	22.06	0.16069
802.11ac VHT20_Nss1,(MCS0)_1TX	19.67	0.09268	21.95	0.15668
802.11ac VHT40_Nss1,(MCS0)_1TX	15.16	0.03281	17.44	0.05546
802.11ac VHT80_Nss1,(MCS0)_1TX	9.63	0.00918	11.91	0.01552
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.44	0.11066	22.72	0.18707
802.11ac VHT20_Nss1,(MCS0)_1TX	20.38	0.10914	22.66	0.18450
802.11ac VHT40_Nss1,(MCS0)_1TX	20.35	0.10839	22.63	0.18323
802.11ac VHT80_Nss1,(MCS0)_1TX	15.98	0.03963	18.26	0.06699



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	2.28	14.51	14.51	30.00	16.79	36.00
5200MHz	Pass	2.28	15.87	15.87	30.00	18.15	36.00
5240MHz	Pass	2.28	19.91	19.91	30.00	22.19	36.00
5260MHz	Pass	2.28	19.78	19.78	23.98	22.06	30.00
5300MHz	Pass	2.28	17.09	17.09	23.98	19.37	30.00
5320MHz	Pass	2.28	14.89	14.89	23.98	17.17	30.00
5745MHz	Pass	2.28	20.35	20.35	30.00	22.63	36.00
5785MHz	Pass	2.28	20.21	20.21	30.00	22.49	36.00
5825MHz	Pass	2.28	20.44	20.44	30.00	22.72	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.28	13.30	13.30	30.00	15.58	36.00
5200MHz	Pass	2.28	16.48	16.48	30.00	18.76	36.00
5240MHz	Pass	2.28	19.50	19.50	30.00	21.78	36.00
5260MHz	Pass	2.28	19.67	19.67	23.98	21.95	30.00
5300MHz	Pass	2.28	16.85	16.85	23.98	19.13	30.00
5320MHz	Pass	2.28	14.65	14.65	23.98	16.93	30.00
5745MHz	Pass	2.28	20.38	20.38	30.00	22.66	36.00
5785MHz	Pass	2.28	20.15	20.15	30.00	22.43	36.00
5825MHz	Pass	2.28	20.18	20.18	30.00	22.46	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	2.28	12.00	12.00	30.00	14.28	36.00
5230MHz	Pass	2.28	15.69	15.69	30.00	17.97	36.00
5270MHz	Pass	2.28	15.16	15.16	23.98	17.44	30.00
5310MHz	Pass	2.28	11.34	11.34	23.98	13.62	30.00
5755MHz	Pass	2.28	18.68	18.68	30.00	20.96	36.00
5795MHz	Pass	2.28	20.35	20.35	30.00	22.63	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	2.28	9.48	9.48	30.00	11.76	36.00
5290MHz	Pass	2.28	9.63	9.63	23.98	11.91	30.00
5775MHz	Pass	2.28	15.98	15.98	30.00	18.26	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.20	11.48
802.11ac VHT20_Nss1,(MCS0)_1TX	8.51	10.79
802.11ac VHT40_Nss1,(MCS0)_1TX	1.84	4.12
802.11ac VHT80_Nss1,(MCS0)_1TX	-7.43	-5.15
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.09	11.37
802.11ac VHT20_Nss1,(MCS0)_1TX	8.69	10.97
802.11ac VHT40_Nss1,(MCS0)_1TX	1.42	3.70
802.11ac VHT80_Nss1,(MCS0)_1TX	-7.15	-4.87
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.13	10.41
802.11ac VHT20_Nss1,(MCS0)_1TX	7.86	10.14
802.11ac VHT40_Nss1,(MCS0)_1TX	4.99	7.27
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.30	-0.02

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	2.28	3.65	3.65	17.00	5.93	23.00
5200MHz	Pass	2.28	5.42	5.42	17.00	7.70	23.00
5240MHz	Pass	2.28	9.20	9.20	17.00	11.48	23.00
5260MHz	Pass	2.28	9.09	9.09	11.00	11.37	17.00
5300MHz	Pass	2.28	6.32	6.32	11.00	8.60	17.00
5320MHz	Pass	2.28	4.06	4.06	11.00	6.34	17.00
5745MHz	Pass	2.28	8.11	8.11	30.00	10.39	36.00
5785MHz	Pass	2.28	8.00	8.00	30.00	10.28	36.00
5825MHz	Pass	2.28	8.13	8.13	30.00	10.41	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.28	2.44	2.44	17.00	4.72	23.00
5200MHz	Pass	2.28	5.50	5.50	17.00	7.78	23.00
5240MHz	Pass	2.28	8.51	8.51	17.00	10.79	23.00
5260MHz	Pass	2.28	8.69	8.69	11.00	10.97	17.00
5300MHz	Pass	2.28	5.87	5.87	11.00	8.15	17.00
5320MHz	Pass	2.28	3.59	3.59	11.00	5.87	17.00
5745MHz	Pass	2.28	7.86	7.86	30.00	10.14	36.00
5785MHz	Pass	2.28	7.71	7.71	30.00	9.99	36.00
5825MHz	Pass	2.28	7.67	7.67	30.00	9.95	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	2.28	-1.87	-1.87	17.00	0.41	23.00
5230MHz	Pass	2.28	1.84	1.84	17.00	4.12	23.00
5270MHz	Pass	2.28	1.42	1.42	11.00	3.70	17.00
5310MHz	Pass	2.28	-2.12	-2.12	11.00	0.16	17.00
5755MHz	Pass	2.28	3.38	3.38	30.00	5.66	36.00
5795MHz	Pass	2.28	4.99	4.99	30.00	7.27	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	2.28	-7.43	-7.43	17.00	-5.15	23.00
5290MHz	Pass	2.28	-7.15	-7.15	11.00	-4.87	17.00
5775MHz	Pass	2.28	-2.30	-2.30	30.00	-0.02	36.00

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

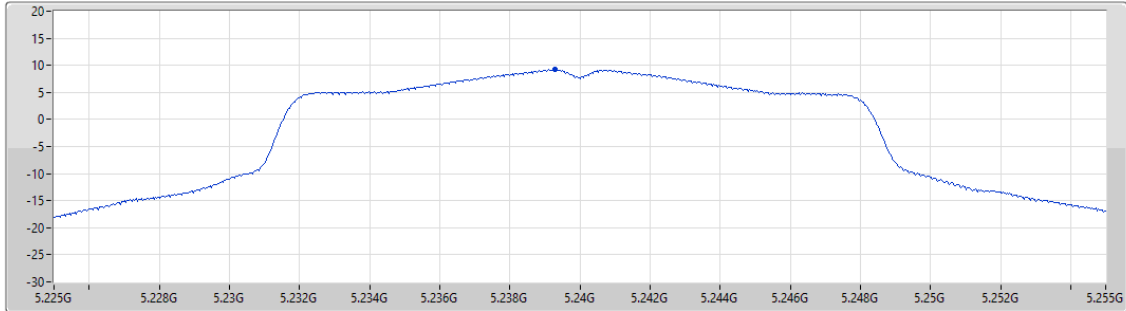
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

12/04/2024

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.988
Detector Type
RMS



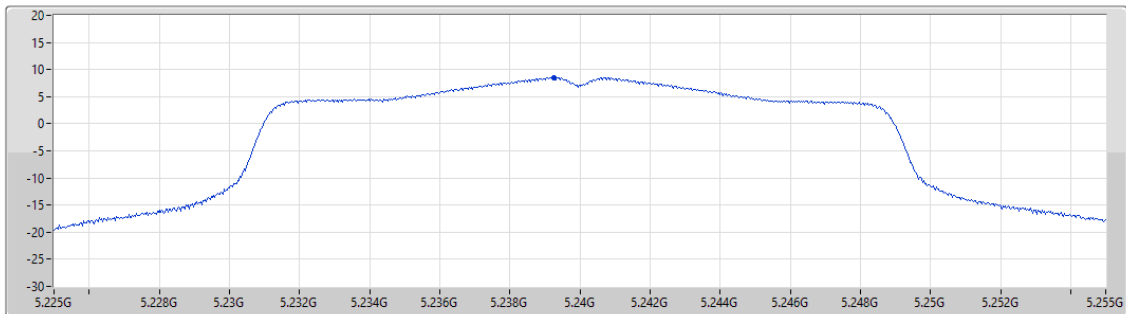
5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

12/04/2024

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.187
Detector Type
RMS

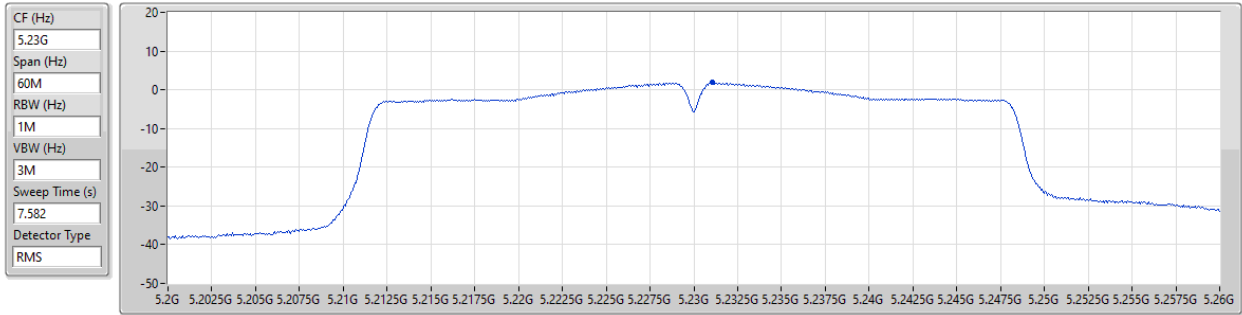


5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

12/04/2024

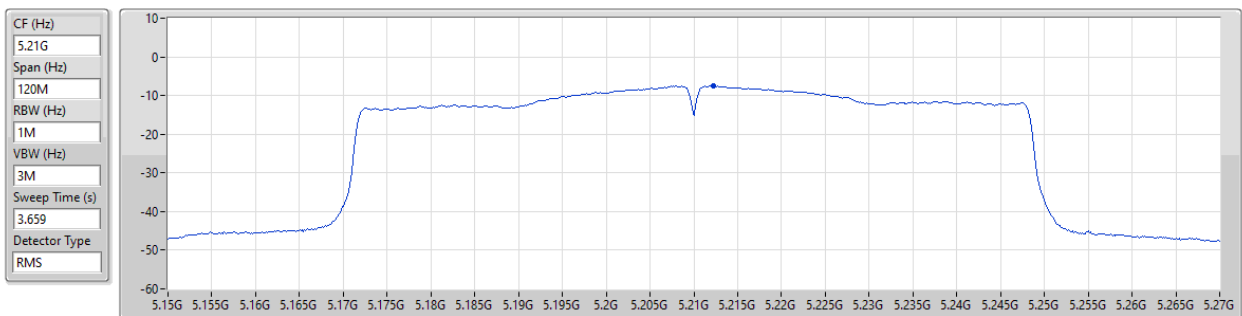


5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

12/04/2024



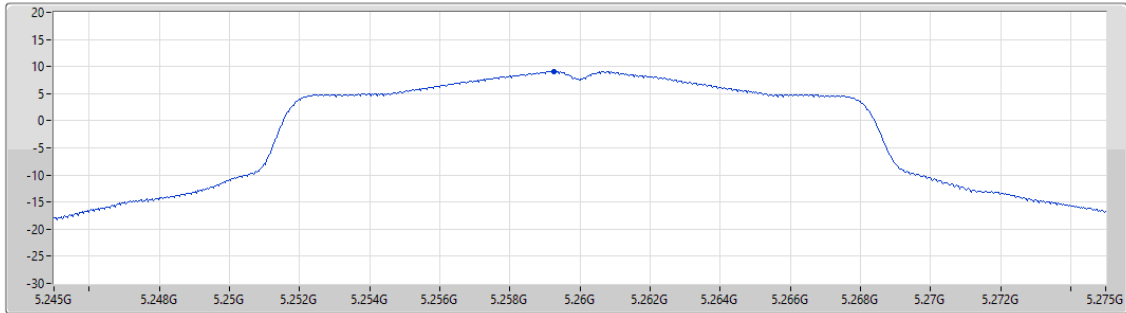
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

12/04/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.988
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.09	9.09	9.09

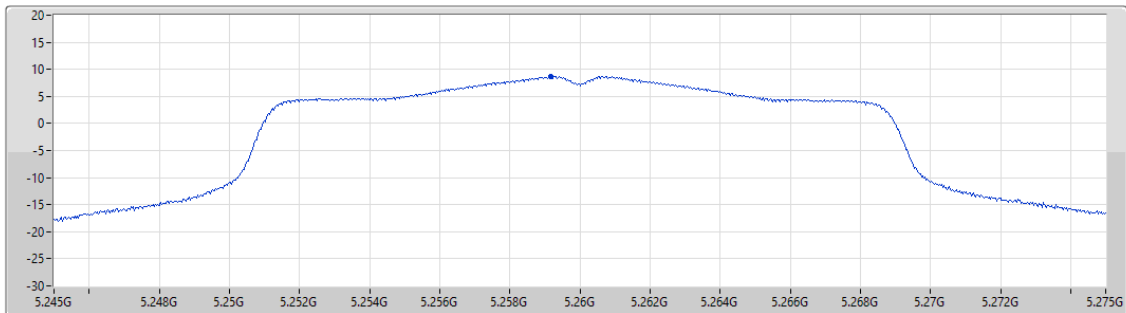
5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

12/04/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.187
Detector Type
RMS



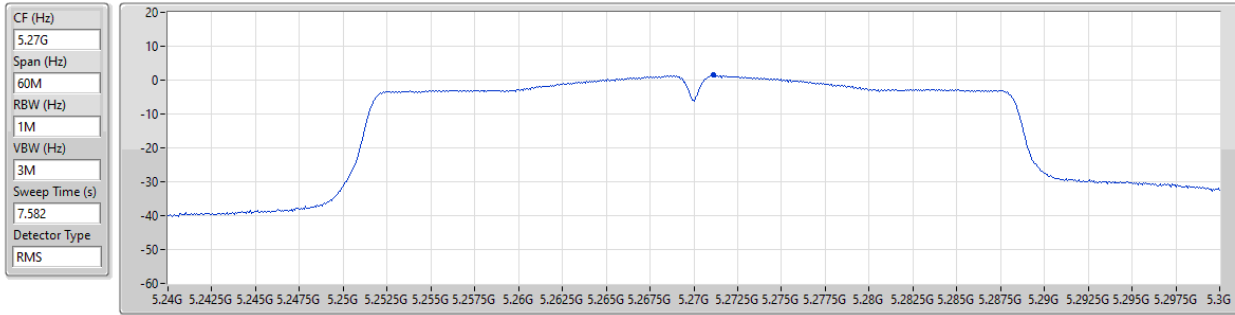
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.69	8.69	8.69

5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

12/04/2024



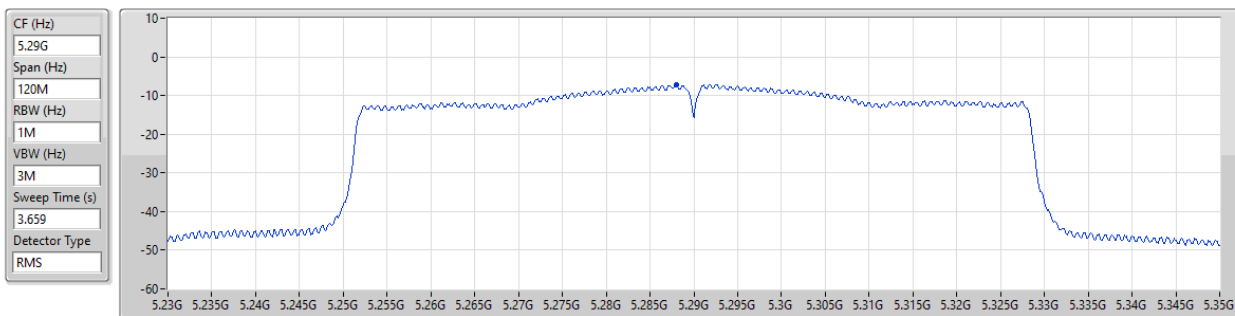
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.42	1.42	1.42

5.25-5.35GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

12/04/2024



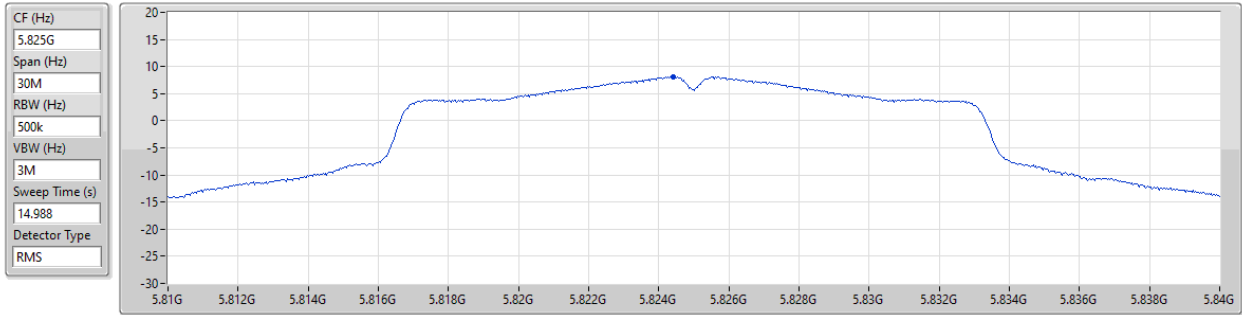
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.15	-7.15	-7.15

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

PSD

5825MHz

12/04/2024

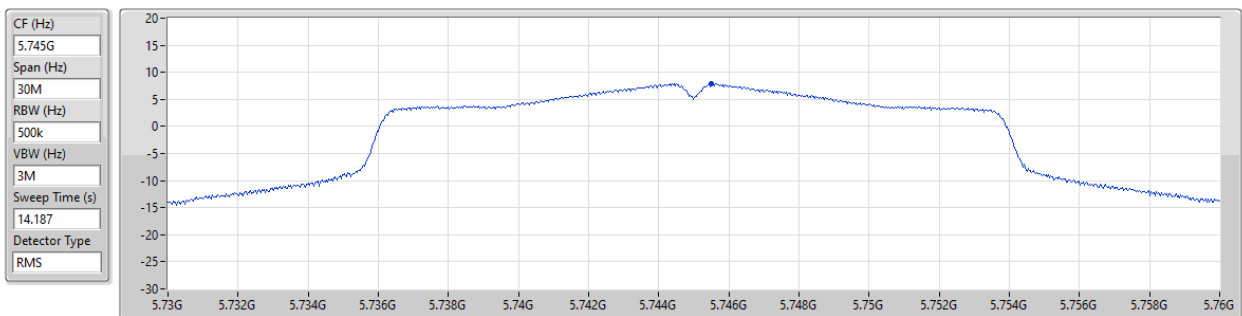


5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

12/04/2024

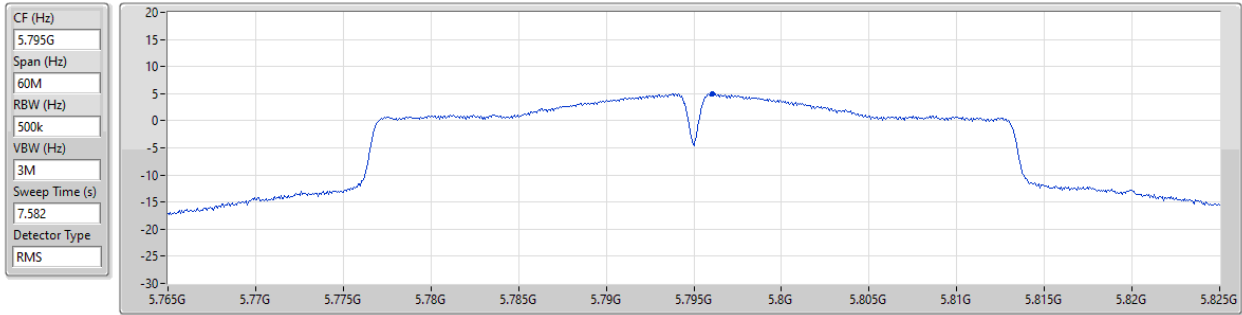


5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

12/04/2024

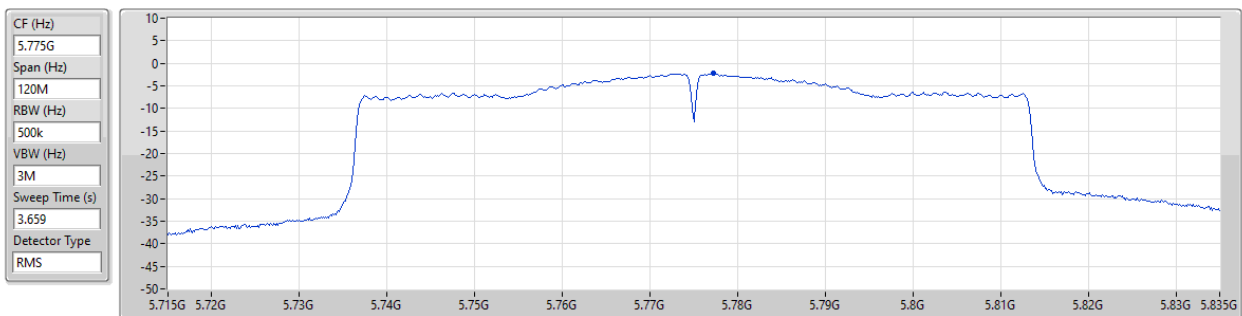


5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

12/04/2024





Summary

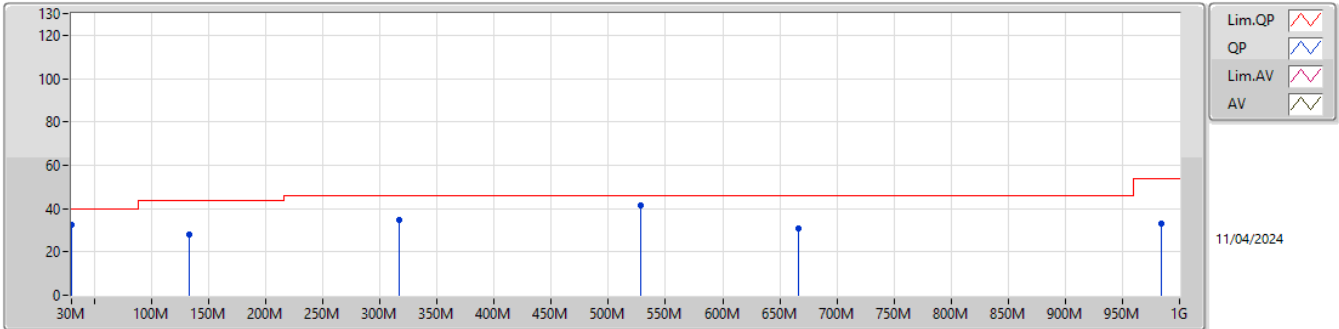
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	528.58M	41.93	46.00	-4.07	3	Horizontal	0	1.00

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	Pass	PK	30M	32.37	40.00	-7.63	3	Vertical	360	1.00
5775MHz	Pass	PK	132.82M	27.91	43.50	-15.59	3	Vertical	360	1.00
5775MHz	Pass	PK	317.12M	34.74	46.00	-11.26	3	Vertical	360	1.00
5775MHz	Pass	PK	528.58M	41.65	46.00	-4.35	3	Vertical	360	1.00
5775MHz	Pass	PK	666.32M	30.90	46.00	-15.10	3	Vertical	360	1.00
5775MHz	Pass	PK	984.48M	33.26	54.00	-20.74	3	Vertical	360	1.00
5775MHz	Pass	PK	140.58M	31.58	43.50	-11.92	3	Horizontal	0	1.00
5775MHz	Pass	PK	260.86M	32.05	46.00	-13.95	3	Horizontal	0	1.00
5775MHz	Pass	PK	317.12M	41.63	46.00	-4.37	3	Horizontal	0	1.00
5775MHz	Pass	PK	450.98M	38.86	46.00	-7.14	3	Horizontal	0	1.00
5775MHz	Pass	PK	528.58M	41.93	46.00	-4.07	3	Horizontal	0	1.00
5775MHz	Pass	PK	664.38M	35.03	46.00	-10.97	3	Horizontal	0	1.00

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

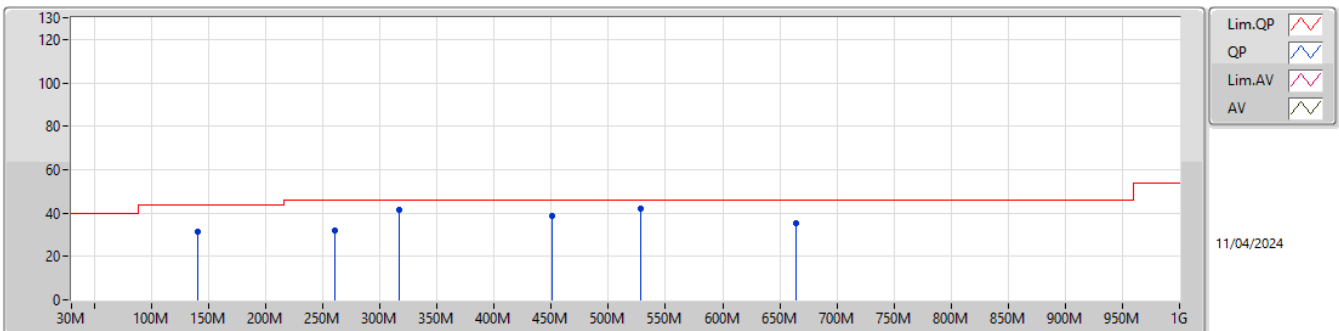
5775MHz_TX



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)
PK	30M	32.37	40.00	-7.63	-3.18	3	Vertical	360	1.00	35.55	23.49	0.92	27.59
PK	132.82M	27.91	43.50	-15.59	-8.43	3	Vertical	360	1.00	36.34	16.99	1.90	27.32
PK	317.12M	34.74	46.00	-11.26	-5.31	3	Vertical	360	1.00	40.05	18.69	3.00	27.00
PK	528.58M	41.65	46.00	-4.35	-0.80	3	Vertical	360	1.00	42.45	23.41	3.93	28.14
PK	666.32M	30.90	46.00	-15.10	0.63	3	Vertical	360	1.00	30.27	24.31	4.50	28.18
PK	984.48M	33.26	54.00	-20.74	5.00	3	Vertical	360	1.00	28.26	26.57	5.60	27.17

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)
PK	140.58M	31.58	43.50	-11.92	-8.87	3	Horizontal	0	1.00	40.45	16.48	1.95	27.30
PK	260.86M	32.05	46.00	-13.95	-5.74	3	Horizontal	0	1.00	37.79	18.60	2.69	27.03
PK	317.12M	41.63	46.00	-4.37	-5.31	3	Horizontal	0	1.00	46.94	18.69	3.00	27.00
PK	450.98M	38.86	46.00	-7.14	-1.89	3	Horizontal	0	1.00	40.75	22.29	3.62	27.80
PK	528.58M	41.93	46.00	-4.07	-0.80	3	Horizontal	0	1.00	42.73	23.41	3.93	28.14
PK	664.38M	35.03	46.00	-10.97	0.60	3	Horizontal	0	1.00	34.43	24.29	4.49	28.18

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	53.59	54.00	-0.41	3	Vertical	287	2.98
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.1496G	53.82	54.00	-0.18	3	Vertical	317	2.17
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.1484G	53.94	54.00	-0.06	3	Vertical	287	2.96
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.52	54.00	-0.48	3	Vertical	329	2.27
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.35G	53.63	54.00	-0.37	3	Vertical	270	2.18
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.3512G	53.85	54.00	-0.15	3	Vertical	271	2.09
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.3504G	53.95	54.00	-0.05	3	Vertical	271	1.97
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.351G	53.60	54.00	-0.40	3	Vertical	270	2.08
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.649G	64.57	68.20	-3.63	3	Vertical	300	2.12
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.6466G	65.45	68.20	-2.75	3	Vertical	315	2.12
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.6422G	67.89	68.20	-0.31	3	Vertical	313	2.21
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.6442G	67.22	68.20	-0.98	3	Vertical	301	2.14

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	5.1498G	53.25	54.00	-0.75	3	Vertical	286	3.00
5180MHz	Pass	AV	5.1794G	103.68	Inf	-Inf	3	Vertical	286	3.00
5180MHz	Pass	PK	5.1496G	70.17	74.00	-3.83	3	Vertical	286	3.00
5180MHz	Pass	PK	5.1806G	112.10	Inf	-Inf	3	Vertical	286	3.00
5180MHz	Pass	AV	5.1492G	50.19	54.00	-3.81	3	Horizontal	292	1.50
5180MHz	Pass	AV	5.1794G	94.17	Inf	-Inf	3	Horizontal	292	1.50
5180MHz	Pass	PK	5.1458G	62.72	74.00	-11.28	3	Horizontal	292	1.50
5180MHz	Pass	PK	5.1806G	102.53	Inf	-Inf	3	Horizontal	292	1.50
5180MHz	Pass	AV	15.55164G	48.85	54.00	-5.15	3	Vertical	26	1.50
5180MHz	Pass	PK	10.3732G	56.74	68.20	-11.46	3	Vertical	20	1.50
5180MHz	Pass	PK	15.52902G	61.08	74.00	-12.92	3	Vertical	26	1.50
5180MHz	Pass	AV	15.5547G	48.86	54.00	-5.14	3	Horizontal	4	2.54
5180MHz	Pass	PK	10.34848G	57.20	68.20	-11.00	3	Horizontal	193	1.31
5180MHz	Pass	PK	15.55122G	60.86	74.00	-13.14	3	Horizontal	4	2.54
5200MHz	Pass	AV	5.15G	53.59	54.00	-0.41	3	Vertical	287	2.98
5200MHz	Pass	AV	5.1992G	105.56	Inf	-Inf	3	Vertical	287	2.98
5200MHz	Pass	PK	5.1496G	69.42	74.00	-4.58	3	Vertical	287	2.98
5200MHz	Pass	PK	5.2004G	113.76	Inf	-Inf	3	Vertical	287	2.98
5200MHz	Pass	AV	5.1476G	50.03	54.00	-3.97	3	Horizontal	289	1.49
5200MHz	Pass	AV	5.1992G	96.82	Inf	-Inf	3	Horizontal	289	1.49
5200MHz	Pass	PK	5.1496G	63.25	74.00	-10.75	3	Horizontal	289	1.49
5200MHz	Pass	PK	5.2008G	105.05	Inf	-Inf	3	Horizontal	289	1.49
5200MHz	Pass	AV	15.5967G	49.24	54.00	-4.76	3	Vertical	267	1.50
5200MHz	Pass	PK	10.41296G	56.99	68.20	-11.21	3	Vertical	163	1.50
5200MHz	Pass	PK	15.60276G	61.71	74.00	-12.29	3	Vertical	267	1.50
5200MHz	Pass	AV	15.59094G	49.20	54.00	-4.80	3	Horizontal	360	1.62
5200MHz	Pass	PK	10.41416G	56.82	68.20	-11.38	3	Horizontal	325	2.62
5200MHz	Pass	PK	15.59838G	60.86	74.00	-13.14	3	Horizontal	360	1.62
5240MHz	Pass	AV	5.1482G	50.52	54.00	-3.48	3	Vertical	326	2.14
5240MHz	Pass	AV	5.2394G	109.11	Inf	-Inf	3	Vertical	326	2.14
5240MHz	Pass	AV	5.3516G	49.76	54.00	-4.24	3	Vertical	326	2.14
5240MHz	Pass	PK	5.1392G	62.16	74.00	-11.84	3	Vertical	326	2.14
5240MHz	Pass	PK	5.2388G	117.13	Inf	-Inf	3	Vertical	326	2.14
5240MHz	Pass	PK	5.3708G	60.93	74.00	-13.07	3	Vertical	326	2.14
5240MHz	Pass	AV	5.1458G	49.71	54.00	-4.29	3	Horizontal	289	1.35
5240MHz	Pass	AV	5.2394G	101.02	Inf	-Inf	3	Horizontal	289	1.35
5240MHz	Pass	AV	5.3528G	49.22	54.00	-4.78	3	Horizontal	289	1.35
5240MHz	Pass	PK	5.102G	61.44	74.00	-12.56	3	Horizontal	289	1.35
5240MHz	Pass	PK	5.2406G	108.92	Inf	-Inf	3	Horizontal	289	1.35
5240MHz	Pass	PK	5.3582G	60.59	74.00	-13.41	3	Horizontal	289	1.35
5240MHz	Pass	AV	15.72168G	50.76	54.00	-3.24	3	Vertical	238	1.75
5240MHz	Pass	PK	10.4785G	59.48	68.20	-8.72	3	Vertical	19	1.82
5240MHz	Pass	PK	15.72138G	63.12	74.00	-10.88	3	Vertical	238	1.75
5240MHz	Pass	AV	15.72228G	49.55	54.00	-4.45	3	Horizontal	251	1.73
5240MHz	Pass	PK	10.48312G	57.00	68.20	-11.20	3	Horizontal	209	1.30
5240MHz	Pass	PK	15.71382G	61.85	74.00	-12.15	3	Horizontal	251	1.73
5260MHz	Pass	AV	5.1454G	49.89	54.00	-4.11	3	Vertical	291	2.90
5260MHz	Pass	AV	5.2594G	110.96	Inf	-Inf	3	Vertical	291	2.90
5260MHz	Pass	AV	5.35G	50.59	54.00	-3.41	3	Vertical	291	2.90
5260MHz	Pass	PK	5.1118G	61.88	74.00	-12.12	3	Vertical	291	2.90
5260MHz	Pass	PK	5.2606G	118.99	Inf	-Inf	3	Vertical	291	2.90
5260MHz	Pass	PK	5.3536G	62.23	74.00	-11.77	3	Vertical	291	2.90
5260MHz	Pass	AV	5.134G	49.45	54.00	-4.55	3	Horizontal	289	1.31
5260MHz	Pass	AV	5.2594G	102.44	Inf	-Inf	3	Horizontal	289	1.31
5260MHz	Pass	AV	5.35G	49.23	54.00	-4.77	3	Horizontal	289	1.31
5260MHz	Pass	PK	5.125G	60.17	74.00	-13.83	3	Horizontal	289	1.31
5260MHz	Pass	PK	5.2588G	110.36	Inf	-Inf	3	Horizontal	289	1.31
5260MHz	Pass	PK	5.3524G	60.60	74.00	-13.40	3	Horizontal	289	1.31
5260MHz	Pass	AV	15.77724G	50.69	54.00	-3.31	3	Vertical	225	1.03
5260MHz	Pass	PK	10.5257G	59.31	68.20	-8.89	3	Vertical	18	1.91

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	PK	15.78126G	62.61	74.00	-11.39	3	Vertical	225	1.03
5260MHz	Pass	AV	15.78126G	49.94	54.00	-4.06	3	Horizontal	250	1.72
5260MHz	Pass	PK	10.5224G	57.97	68.20	-10.23	3	Horizontal	207	1.18
5260MHz	Pass	PK	15.77616G	61.60	74.00	-12.40	3	Horizontal	250	1.72
5300MHz	Pass	AV	5.2992G	108.08	Inf	-Inf	3	Vertical	270	2.18
5300MHz	Pass	AV	5.35G	53.63	54.00	-0.37	3	Vertical	270	2.18
5300MHz	Pass	PK	5.3008G	116.33	Inf	-Inf	3	Vertical	270	2.18
5300MHz	Pass	PK	5.3504G	65.91	74.00	-8.09	3	Vertical	270	2.18
5300MHz	Pass	AV	5.2996G	97.95	Inf	-Inf	3	Horizontal	289	1.30
5300MHz	Pass	AV	5.3508G	49.77	54.00	-4.23	3	Horizontal	289	1.30
5300MHz	Pass	PK	5.3004G	106.31	Inf	-Inf	3	Horizontal	289	1.30
5300MHz	Pass	PK	5.3512G	61.14	74.00	-12.86	3	Horizontal	289	1.30
5300MHz	Pass	AV	15.89418G	48.83	54.00	-5.17	3	Vertical	119	1.50
5300MHz	Pass	PK	10.59991G	57.97	68.20	-10.23	3	Vertical	21	1.82
5300MHz	Pass	PK	15.89136G	60.57	74.00	-13.43	3	Vertical	119	1.50
5300MHz	Pass	AV	15.89232G	48.65	54.00	-5.35	3	Horizontal	72	2.68
5300MHz	Pass	PK	10.59991G	57.71	68.20	-10.49	3	Horizontal	279	2.80
5300MHz	Pass	PK	15.89016G	60.84	74.00	-13.16	3	Horizontal	72	2.68
5320MHz	Pass	AV	5.3192G	105.14	Inf	-Inf	3	Vertical	270	2.10
5320MHz	Pass	AV	5.351G	53.40	54.00	-0.60	3	Vertical	270	2.10
5320MHz	Pass	PK	5.3206G	113.60	Inf	-Inf	3	Vertical	270	2.10
5320MHz	Pass	PK	5.3526G	69.18	74.00	-4.82	3	Vertical	270	2.10
5320MHz	Pass	AV	5.3194G	95.77	Inf	-Inf	3	Horizontal	290	1.18
5320MHz	Pass	AV	5.3502G	49.76	54.00	-4.24	3	Horizontal	290	1.18
5320MHz	Pass	PK	5.3206G	104.17	Inf	-Inf	3	Horizontal	290	1.18
5320MHz	Pass	PK	5.3524G	62.23	74.00	-11.77	3	Horizontal	290	1.18
5320MHz	Pass	AV	10.6508G	45.68	54.00	-8.32	3	Vertical	326	2.75
5320MHz	Pass	AV	15.95688G	49.07	54.00	-4.93	3	Vertical	94	1.04
5320MHz	Pass	PK	10.64636G	57.87	74.00	-16.13	3	Vertical	326	2.75
5320MHz	Pass	PK	15.9657G	60.81	74.00	-13.19	3	Vertical	94	1.04
5320MHz	Pass	AV	10.64954G	45.68	54.00	-8.32	3	Horizontal	44	1.50
5320MHz	Pass	AV	15.95064G	48.84	54.00	-5.16	3	Horizontal	40	1.14
5320MHz	Pass	PK	10.64678G	58.55	74.00	-15.45	3	Horizontal	44	1.50
5320MHz	Pass	PK	15.9534G	61.10	74.00	-12.90	3	Horizontal	40	1.14
5745MHz	Pass	AV	5.4594G	49.37	54.00	-4.63	3	Vertical	300	2.12
5745MHz	Pass	AV	5.745G	109.98	Inf	-Inf	3	Vertical	300	2.12
5745MHz	Pass	PK	5.649G	64.57	68.20	-3.63	3	Vertical	300	2.12
5745MHz	Pass	PK	5.7462G	118.13	Inf	-Inf	3	Vertical	300	2.12
5745MHz	Pass	PK	5.9574G	64.41	68.20	-3.79	3	Vertical	300	2.12
5745MHz	Pass	AV	5.4534G	49.34	54.00	-4.66	3	Horizontal	315	1.00
5745MHz	Pass	AV	5.7462G	103.71	Inf	-Inf	3	Horizontal	315	1.00
5745MHz	Pass	PK	5.5458G	61.95	68.20	-6.25	3	Horizontal	315	1.00
5745MHz	Pass	PK	5.7462G	111.91	Inf	-Inf	3	Horizontal	315	1.00
5745MHz	Pass	PK	5.9646G	63.90	68.20	-4.30	3	Horizontal	315	1.00
5745MHz	Pass	AV	11.49162G	46.90	54.00	-7.10	3	Vertical	27	1.39
5745MHz	Pass	PK	11.48928G	59.37	74.00	-14.63	3	Vertical	27	1.39
5745MHz	Pass	PK	17.2446G	60.88	68.20	-7.32	3	Vertical	224	2.45
5745MHz	Pass	AV	11.49414G	46.70	54.00	-7.30	3	Horizontal	260	2.48
5745MHz	Pass	PK	11.4876G	58.77	74.00	-15.23	3	Horizontal	260	2.48
5745MHz	Pass	PK	17.24196G	61.18	68.20	-7.02	3	Horizontal	208	1.50
5785MHz	Pass	AV	5.7838G	111.03	Inf	-Inf	3	Vertical	323	2.24
5785MHz	Pass	PK	5.6386G	62.30	68.20	-5.90	3	Vertical	323	2.24
5785MHz	Pass	PK	5.7838G	118.96	Inf	-Inf	3	Vertical	323	2.24
5785MHz	Pass	PK	5.9902G	64.01	68.20	-4.19	3	Vertical	323	2.24
5785MHz	Pass	AV	5.7838G	106.05	Inf	-Inf	3	Horizontal	318	1.00
5785MHz	Pass	PK	5.6374G	61.77	68.20	-6.43	3	Horizontal	318	1.00
5785MHz	Pass	PK	5.7838G	114.05	Inf	-Inf	3	Horizontal	318	1.00
5785MHz	Pass	PK	6.0358G	63.82	68.20	-4.38	3	Horizontal	318	1.00
5785MHz	Pass	AV	11.57276G	48.03	54.00	-5.97	3	Vertical	26	1.50
5785MHz	Pass	PK	11.57564G	59.81	74.00	-14.19	3	Vertical	26	1.50
5785MHz	Pass	PK	17.3592G	62.20	68.20	-6.00	3	Vertical	360	1.88
5785MHz	Pass	AV	11.57024G	46.41	54.00	-7.59	3	Horizontal	46	1.53

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	11.57612G	58.20	74.00	-15.80	3	Horizontal	46	1.53
5785MHz	Pass	PK	17.35602G	61.88	68.20	-6.32	3	Horizontal	167	1.16
5825MHz	Pass	AV	5.8238G	110.80	Inf	-Inf	3	Vertical	301	2.15
5825MHz	Pass	PK	5.6246G	61.90	68.20	-6.30	3	Vertical	301	2.15
5825MHz	Pass	PK	5.8238G	118.70	Inf	-Inf	3	Vertical	301	2.15
5825MHz	Pass	PK	5.957G	64.26	68.20	-3.94	3	Vertical	301	2.15
5825MHz	Pass	AV	5.8238G	102.88	Inf	-Inf	3	Horizontal	315	1.00
5825MHz	Pass	PK	5.6498G	61.28	68.20	-6.92	3	Horizontal	315	1.00
5825MHz	Pass	PK	5.8238G	110.96	Inf	-Inf	3	Horizontal	315	1.00
5825MHz	Pass	PK	6.1118G	63.33	68.20	-4.87	3	Horizontal	315	1.00
5825MHz	Pass	AV	11.65162G	49.44	54.00	-4.56	3	Vertical	29	1.78
5825MHz	Pass	PK	11.65636G	61.60	74.00	-12.40	3	Vertical	29	1.78
5825MHz	Pass	PK	17.48592G	62.33	68.20	-5.87	3	Vertical	153	2.36
5825MHz	Pass	AV	11.65192G	47.30	54.00	-6.70	3	Horizontal	151	2.44
5825MHz	Pass	PK	11.65264G	59.14	74.00	-14.86	3	Horizontal	151	2.44
5825MHz	Pass	PK	17.46882G	62.76	68.20	-5.44	3	Horizontal	0	2.23
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	53.25	54.00	-0.75	3	Vertical	285	3.00
5180MHz	Pass	AV	5.1808G	102.87	Inf	-Inf	3	Vertical	285	3.00
5180MHz	Pass	PK	5.1498G	73.05	74.00	-0.95	3	Vertical	285	3.00
5180MHz	Pass	PK	5.1816G	111.00	Inf	-Inf	3	Vertical	285	3.00
5180MHz	Pass	AV	5.1464G	50.86	54.00	-3.14	3	Horizontal	291	1.06
5180MHz	Pass	AV	5.1806G	95.09	Inf	-Inf	3	Horizontal	291	1.06
5180MHz	Pass	PK	5.148G	66.72	74.00	-7.28	3	Horizontal	291	1.06
5180MHz	Pass	PK	5.182G	102.86	Inf	-Inf	3	Horizontal	291	1.06
5180MHz	Pass	AV	15.54162G	48.78	54.00	-5.22	3	Vertical	90	1.50
5180MHz	Pass	PK	10.35832G	56.73	68.20	-11.47	3	Vertical	240	1.50
5180MHz	Pass	PK	15.55158G	60.98	74.00	-13.02	3	Vertical	90	1.50
5180MHz	Pass	AV	15.55164G	48.76	54.00	-5.24	3	Horizontal	31	1.04
5180MHz	Pass	PK	10.36834G	56.88	68.20	-11.32	3	Horizontal	334	1.50
5180MHz	Pass	PK	15.54432G	61.13	74.00	-12.87	3	Horizontal	31	1.04
5200MHz	Pass	AV	5.1496G	53.82	54.00	-0.18	3	Vertical	317	2.17
5200MHz	Pass	AV	5.2008G	104.00	Inf	-Inf	3	Vertical	317	2.17
5200MHz	Pass	PK	5.1496G	68.19	74.00	-5.81	3	Vertical	317	2.17
5200MHz	Pass	PK	5.2G	112.33	Inf	-Inf	3	Vertical	317	2.17
5200MHz	Pass	AV	5.1496G	50.67	54.00	-3.33	3	Horizontal	290	1.50
5200MHz	Pass	AV	5.1996G	96.76	Inf	-Inf	3	Horizontal	290	1.50
5200MHz	Pass	PK	5.1492G	62.99	74.00	-11.01	3	Horizontal	290	1.50
5200MHz	Pass	PK	5.2024G	105.00	Inf	-Inf	3	Horizontal	290	1.50
5200MHz	Pass	AV	15.59952G	49.35	54.00	-4.65	3	Vertical	284	1.64
5200MHz	Pass	PK	10.39094G	57.33	68.20	-10.87	3	Vertical	252	2.18
5200MHz	Pass	PK	15.60132G	62.04	74.00	-11.96	3	Vertical	284	1.64
5200MHz	Pass	AV	15.60114G	49.13	54.00	-4.87	3	Horizontal	289	1.50
5200MHz	Pass	PK	10.41248G	56.88	68.20	-11.32	3	Horizontal	158	2.04
5200MHz	Pass	PK	15.5979G	61.43	74.00	-12.57	3	Horizontal	289	1.50
5240MHz	Pass	AV	5.15G	51.13	54.00	-2.87	3	Vertical	330	2.13
5240MHz	Pass	AV	5.2394G	108.88	Inf	-Inf	3	Vertical	330	2.13
5240MHz	Pass	AV	5.35G	49.94	54.00	-4.06	3	Vertical	330	2.13
5240MHz	Pass	PK	5.15G	63.64	74.00	-10.36	3	Vertical	330	2.13
5240MHz	Pass	PK	5.2394G	117.32	Inf	-Inf	3	Vertical	330	2.13
5240MHz	Pass	PK	5.3516G	61.08	74.00	-12.92	3	Vertical	330	2.13
5240MHz	Pass	AV	5.1464G	49.70	54.00	-4.30	3	Horizontal	290	1.31
5240MHz	Pass	AV	5.2388G	100.86	Inf	-Inf	3	Horizontal	290	1.31
5240MHz	Pass	AV	5.35G	49.23	54.00	-4.77	3	Horizontal	290	1.31
5240MHz	Pass	PK	5.15G	61.62	74.00	-12.38	3	Horizontal	290	1.31
5240MHz	Pass	PK	5.2382G	109.00	Inf	-Inf	3	Horizontal	290	1.31
5240MHz	Pass	PK	5.3732G	60.92	74.00	-13.08	3	Horizontal	290	1.31
5240MHz	Pass	AV	15.72102G	49.28	54.00	-4.72	3	Vertical	21	1.65
5240MHz	Pass	PK	10.47712G	58.64	68.20	-9.56	3	Vertical	17	1.99
5240MHz	Pass	PK	15.7257G	61.22	74.00	-12.78	3	Vertical	21	1.65
5240MHz	Pass	AV	15.72096G	49.53	54.00	-4.47	3	Horizontal	252	1.73
5240MHz	Pass	PK	10.47202G	57.05	68.20	-11.15	3	Horizontal	203	2.22

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5240MHz	Pass	PK	15.7113G	61.48	74.00	-12.52	3	Horizontal	252	1.73
5260MHz	Pass	AV	5.1424G	50.09	54.00	-3.91	3	Vertical	285	2.01
5260MHz	Pass	AV	5.2606G	111.19	Inf	-Inf	3	Vertical	285	2.01
5260MHz	Pass	AV	5.35G	51.49	54.00	-2.51	3	Vertical	285	2.01
5260MHz	Pass	PK	5.1448G	61.59	74.00	-12.41	3	Vertical	285	2.01
5260MHz	Pass	PK	5.2588G	119.31	Inf	-Inf	3	Vertical	285	2.01
5260MHz	Pass	PK	5.353G	63.13	74.00	-10.87	3	Vertical	285	2.01
5260MHz	Pass	AV	5.1178G	49.55	54.00	-4.45	3	Horizontal	291	1.46
5260MHz	Pass	AV	5.2594G	101.93	Inf	-Inf	3	Horizontal	291	1.46
5260MHz	Pass	AV	5.3506G	49.23	54.00	-4.77	3	Horizontal	291	1.46
5260MHz	Pass	PK	5.1466G	60.97	74.00	-13.03	3	Horizontal	291	1.46
5260MHz	Pass	PK	5.2612G	110.33	Inf	-Inf	3	Horizontal	291	1.46
5260MHz	Pass	PK	5.38G	60.94	74.00	-13.06	3	Horizontal	291	1.46
5260MHz	Pass	AV	15.77934G	50.88	54.00	-3.12	3	Vertical	238	1.75
5260MHz	Pass	PK	10.51334G	59.18	68.20	-9.02	3	Vertical	16	1.79
5260MHz	Pass	PK	15.77982G	62.90	74.00	-11.10	3	Vertical	238	1.75
5260MHz	Pass	AV	15.7785G	49.91	54.00	-4.09	3	Horizontal	253	2.27
5260MHz	Pass	PK	10.52516G	57.57	68.20	-10.63	3	Horizontal	207	1.18
5260MHz	Pass	PK	15.77844G	62.04	74.00	-11.96	3	Horizontal	253	2.27
5300MHz	Pass	AV	5.2992G	107.45	Inf	-Inf	3	Vertical	270	2.16
5300MHz	Pass	AV	5.35G	53.63	54.00	-0.37	3	Vertical	270	2.16
5300MHz	Pass	PK	5.2984G	115.53	Inf	-Inf	3	Vertical	270	2.16
5300MHz	Pass	PK	5.3504G	66.48	74.00	-7.52	3	Vertical	270	2.16
5300MHz	Pass	AV	5.2992G	97.48	Inf	-Inf	3	Horizontal	291	1.30
5300MHz	Pass	AV	5.352G	49.58	54.00	-4.42	3	Horizontal	291	1.30
5300MHz	Pass	PK	5.2988G	105.75	Inf	-Inf	3	Horizontal	291	1.30
5300MHz	Pass	PK	5.3916G	61.33	74.00	-12.67	3	Horizontal	291	1.30
5300MHz	Pass	AV	10.603G	45.81	54.00	-8.19	3	Vertical	12	2.07
5300MHz	Pass	AV	15.89994G	49.10	54.00	-4.90	3	Vertical	214	1.06
5300MHz	Pass	PK	10.60318G	57.55	74.00	-16.45	3	Vertical	12	2.07
5300MHz	Pass	PK	15.89748G	61.09	74.00	-12.91	3	Vertical	214	1.06
5300MHz	Pass	AV	10.61266G	45.44	54.00	-8.56	3	Horizontal	152	1.12
5300MHz	Pass	AV	15.90936G	48.84	54.00	-5.16	3	Horizontal	180	2.09
5300MHz	Pass	PK	10.58896G	58.13	68.20	-10.07	3	Horizontal	152	1.12
5300MHz	Pass	PK	15.89706G	61.26	74.00	-12.74	3	Horizontal	180	2.09
5320MHz	Pass	AV	5.3208G	105.00	Inf	-Inf	3	Vertical	271	2.09
5320MHz	Pass	AV	5.3512G	53.85	54.00	-0.15	3	Vertical	271	2.09
5320MHz	Pass	PK	5.3208G	113.81	Inf	-Inf	3	Vertical	271	2.09
5320MHz	Pass	PK	5.3502G	71.44	74.00	-2.56	3	Vertical	271	2.09
5320MHz	Pass	AV	5.3206G	95.64	Inf	-Inf	3	Horizontal	290	1.18
5320MHz	Pass	AV	5.3506G	50.27	54.00	-3.73	3	Horizontal	290	1.18
5320MHz	Pass	PK	5.3214G	103.95	Inf	-Inf	3	Horizontal	290	1.18
5320MHz	Pass	PK	5.3502G	62.87	74.00	-11.13	3	Horizontal	290	1.18
5320MHz	Pass	AV	10.66576G	45.62	54.00	-8.38	3	Vertical	296	1.50
5320MHz	Pass	AV	15.94512G	48.84	54.00	-5.16	3	Vertical	11	1.50
5320MHz	Pass	PK	10.64656G	57.65	74.00	-16.35	3	Vertical	296	1.50
5320MHz	Pass	PK	15.9288G	60.78	74.00	-13.22	3	Vertical	11	1.50
5320MHz	Pass	AV	10.65744G	45.65	54.00	-8.35	3	Horizontal	304	1.50
5320MHz	Pass	AV	15.94048G	48.83	54.00	-5.17	3	Horizontal	105	1.86
5320MHz	Pass	PK	10.6488G	57.94	74.00	-16.06	3	Horizontal	304	1.50
5320MHz	Pass	PK	15.9416G	60.60	74.00	-13.40	3	Horizontal	105	1.86
5745MHz	Pass	AV	5.4582G	49.73	54.00	-4.27	3	Vertical	315	2.12
5745MHz	Pass	AV	5.7462G	109.58	Inf	-Inf	3	Vertical	315	2.12
5745MHz	Pass	PK	5.6466G	65.45	68.20	-2.75	3	Vertical	315	2.12
5745MHz	Pass	PK	5.745G	117.91	Inf	-Inf	3	Vertical	315	2.12
5745MHz	Pass	PK	5.9862G	64.24	68.20	-3.96	3	Vertical	315	2.12
5745MHz	Pass	AV	5.4498G	49.32	54.00	-4.68	3	Horizontal	319	1.00
5745MHz	Pass	AV	5.7462G	104.11	Inf	-Inf	3	Horizontal	319	1.00
5745MHz	Pass	PK	5.649G	61.89	68.20	-6.31	3	Horizontal	319	1.00
5745MHz	Pass	PK	5.7462G	112.60	Inf	-Inf	3	Horizontal	319	1.00
5745MHz	Pass	PK	6.0162G	63.88	68.20	-4.32	3	Horizontal	319	1.00
5745MHz	Pass	AV	11.49G	46.76	54.00	-7.24	3	Vertical	28	1.39

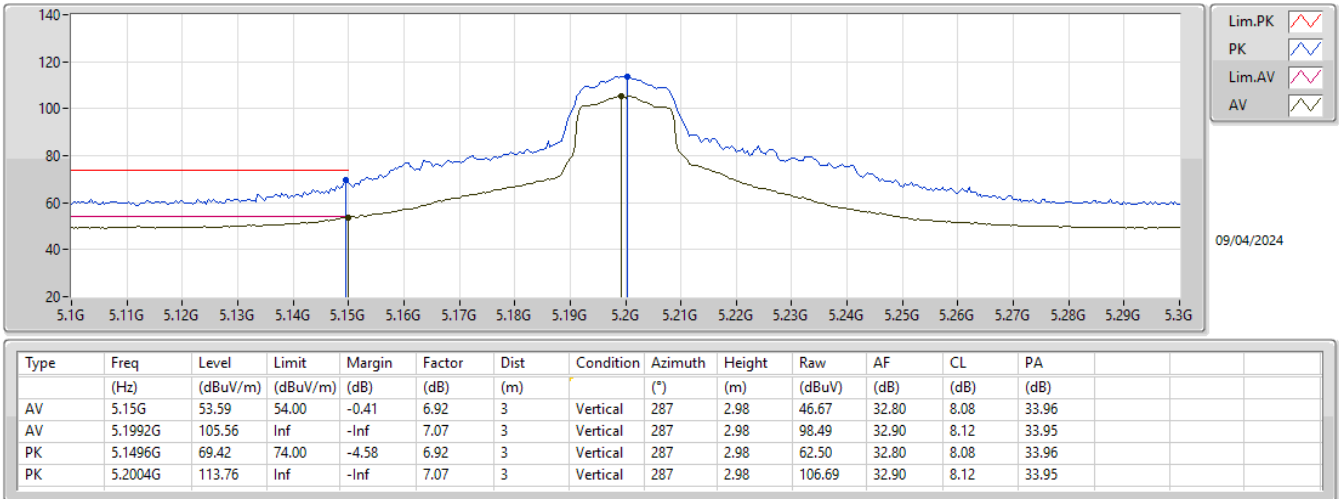
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	PK	11.50168G	59.54	74.00	-14.46	3	Vertical	28	1.39
5745MHz	Pass	PK	17.27468G	61.40	68.20	-6.80	3	Vertical	95	2.98
5745MHz	Pass	AV	11.50056G	45.63	54.00	-8.37	3	Horizontal	97	2.99
5745MHz	Pass	PK	11.49208G	58.77	74.00	-15.23	3	Horizontal	97	2.99
5745MHz	Pass	PK	17.20156G	61.56	68.20	-6.64	3	Horizontal	254	2.69
5785MHz	Pass	AV	5.7862G	110.62	Inf	-Inf	3	Vertical	301	2.20
5785MHz	Pass	PK	5.5042G	62.15	68.20	-6.05	3	Vertical	301	2.20
5785MHz	Pass	PK	5.7862G	118.61	Inf	-Inf	3	Vertical	301	2.20
5785MHz	Pass	PK	5.9902G	64.25	68.20	-3.95	3	Vertical	301	2.20
5785MHz	Pass	AV	5.7838G	105.63	Inf	-Inf	3	Horizontal	318	1.00
5785MHz	Pass	PK	5.617G	61.70	68.20	-6.50	3	Horizontal	318	1.00
5785MHz	Pass	PK	5.7838G	113.97	Inf	-Inf	3	Horizontal	318	1.00
5785MHz	Pass	PK	6.0838G	64.23	68.20	-3.97	3	Horizontal	318	1.00
5785MHz	Pass	AV	11.5708G	47.97	54.00	-6.03	3	Vertical	28	1.49
5785MHz	Pass	PK	11.5708G	59.88	74.00	-14.12	3	Vertical	28	1.49
5785MHz	Pass	PK	17.37116G	62.01	68.20	-6.19	3	Vertical	274	2.21
5785MHz	Pass	AV	11.57048G	46.34	54.00	-7.66	3	Horizontal	47	1.86
5785MHz	Pass	PK	11.57112G	58.17	74.00	-15.83	3	Horizontal	47	1.86
5785MHz	Pass	PK	17.34684G	61.96	68.20	-6.24	3	Horizontal	232	2.57
5825MHz	Pass	AV	5.8238G	110.35	Inf	-Inf	3	Vertical	301	2.14
5825MHz	Pass	PK	5.6342G	61.55	68.20	-6.65	3	Vertical	301	2.14
5825MHz	Pass	PK	5.8226G	118.39	Inf	-Inf	3	Vertical	301	2.14
5825MHz	Pass	PK	5.9246G	64.52	68.50	-3.98	3	Vertical	301	2.14
5825MHz	Pass	AV	5.8238G	104.10	Inf	-Inf	3	Horizontal	317	1.00
5825MHz	Pass	PK	5.6474G	61.53	68.20	-6.67	3	Horizontal	317	1.00
5825MHz	Pass	PK	5.8226G	112.26	Inf	-Inf	3	Horizontal	317	1.00
5825MHz	Pass	PK	5.9258G	64.01	68.20	-4.19	3	Horizontal	317	1.00
5825MHz	Pass	AV	11.6516G	48.86	54.00	-5.14	3	Vertical	26	1.50
5825MHz	Pass	PK	11.65384G	61.25	74.00	-12.75	3	Vertical	26	1.50
5825MHz	Pass	PK	17.48588G	62.81	68.20	-5.39	3	Vertical	330	2.74
5825MHz	Pass	AV	11.64584G	46.61	54.00	-7.39	3	Horizontal	148	1.42
5825MHz	Pass	PK	11.65384G	58.17	74.00	-15.83	3	Horizontal	148	1.42
5825MHz	Pass	PK	17.439G	62.28	68.20	-5.92	3	Horizontal	305	1.50
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1484G	53.94	54.00	-0.06	3	Vertical	287	2.96
5190MHz	Pass	AV	5.1912G	99.00	Inf	-Inf	3	Vertical	287	2.96
5190MHz	Pass	PK	5.1424G	70.42	74.00	-3.58	3	Vertical	287	2.96
5190MHz	Pass	PK	5.192G	107.07	Inf	-Inf	3	Vertical	287	2.96
5190MHz	Pass	AV	5.15G	51.13	54.00	-2.87	3	Horizontal	290	1.26
5190MHz	Pass	AV	5.1912G	90.68	Inf	-Inf	3	Horizontal	290	1.26
5190MHz	Pass	PK	5.1428G	64.39	74.00	-9.61	3	Horizontal	290	1.26
5190MHz	Pass	PK	5.1932G	98.99	Inf	-Inf	3	Horizontal	290	1.26
5190MHz	Pass	AV	15.59448G	50.03	54.00	-3.97	3	Vertical	235	1.50
5190MHz	Pass	PK	10.39168G	57.11	68.20	-11.09	3	Vertical	124	1.50
5190MHz	Pass	PK	15.59832G	61.25	74.00	-12.75	3	Vertical	235	1.50
5190MHz	Pass	AV	15.594G	50.36	54.00	-3.64	3	Horizontal	280	1.50
5190MHz	Pass	PK	10.364G	56.86	68.20	-11.34	3	Horizontal	8	2.42
5190MHz	Pass	PK	15.57624G	61.15	74.00	-12.85	3	Horizontal	280	1.50
5230MHz	Pass	AV	5.15G	53.81	54.00	-0.19	3	Vertical	271	2.01
5230MHz	Pass	AV	5.2288G	103.50	Inf	-Inf	3	Vertical	271	2.01
5230MHz	Pass	PK	5.1496G	65.71	74.00	-8.29	3	Vertical	271	2.01
5230MHz	Pass	PK	5.2276G	111.87	Inf	-Inf	3	Vertical	271	2.01
5230MHz	Pass	AV	5.1476G	50.84	54.00	-3.16	3	Horizontal	289	1.40
5230MHz	Pass	AV	5.2288G	93.61	Inf	-Inf	3	Horizontal	289	1.40
5230MHz	Pass	PK	5.15G	61.63	74.00	-12.37	3	Horizontal	289	1.40
5230MHz	Pass	PK	5.228G	101.67	Inf	-Inf	3	Horizontal	289	1.40
5230MHz	Pass	AV	15.67352G	49.44	54.00	-4.56	3	Vertical	125	1.03
5230MHz	Pass	PK	10.47888G	56.73	68.20	-11.47	3	Vertical	213	2.28
5230MHz	Pass	PK	15.69192G	60.42	74.00	-13.58	3	Vertical	125	1.03
5230MHz	Pass	AV	15.70664G	49.43	54.00	-4.57	3	Horizontal	192	1.50
5230MHz	Pass	PK	10.44928G	57.36	68.20	-10.84	3	Horizontal	41	2.97
5230MHz	Pass	PK	15.6652G	60.87	74.00	-13.13	3	Horizontal	192	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5270MHz	Pass	AV	5.2684G	103.39	Inf	-Inf	3	Vertical	270	2.09
5270MHz	Pass	AV	5.35G	53.74	54.00	-0.26	3	Vertical	270	2.09
5270MHz	Pass	PK	5.2732G	112.01	Inf	-Inf	3	Vertical	270	2.09
5270MHz	Pass	PK	5.352G	67.50	74.00	-6.50	3	Vertical	270	2.09
5270MHz	Pass	AV	5.2688G	94.25	Inf	-Inf	3	Horizontal	290	1.23
5270MHz	Pass	AV	5.3504G	50.75	54.00	-3.25	3	Horizontal	290	1.23
5270MHz	Pass	PK	5.2692G	102.44	Inf	-Inf	3	Horizontal	290	1.23
5270MHz	Pass	PK	5.3508G	61.68	74.00	-12.32	3	Horizontal	290	1.23
5270MHz	Pass	AV	15.79896G	49.76	54.00	-4.24	3	Vertical	356	1.49
5270MHz	Pass	PK	10.57232G	57.20	68.20	-11.00	3	Vertical	246	2.58
5270MHz	Pass	PK	15.77656G	61.02	74.00	-12.98	3	Vertical	356	1.49
5270MHz	Pass	AV	15.78648G	49.82	54.00	-4.18	3	Horizontal	23	1.50
5270MHz	Pass	PK	10.57136G	57.18	68.20	-11.02	3	Horizontal	353	2.50
5270MHz	Pass	PK	15.81192G	61.34	74.00	-12.66	3	Horizontal	23	1.50
5310MHz	Pass	AV	5.3088G	98.64	Inf	-Inf	3	Vertical	271	1.97
5310MHz	Pass	AV	5.3504G	53.95	54.00	-0.05	3	Vertical	271	1.97
5310MHz	Pass	PK	5.308G	106.72	Inf	-Inf	3	Vertical	271	1.97
5310MHz	Pass	PK	5.3504G	69.95	74.00	-4.05	3	Vertical	271	1.97
5310MHz	Pass	AV	5.3088G	89.47	Inf	-Inf	3	Horizontal	289	1.24
5310MHz	Pass	AV	5.3504G	50.59	54.00	-3.41	3	Horizontal	289	1.24
5310MHz	Pass	PK	5.306G	97.45	Inf	-Inf	3	Horizontal	289	1.24
5310MHz	Pass	PK	5.3504G	61.55	74.00	-12.45	3	Horizontal	289	1.24
5310MHz	Pass	AV	10.6194G	46.13	54.00	-7.87	3	Vertical	8	1.51
5310MHz	Pass	AV	15.94896G	49.65	54.00	-4.35	3	Vertical	154	1.02
5310MHz	Pass	PK	10.64244G	57.54	74.00	-16.46	3	Vertical	8	1.51
5310MHz	Pass	PK	15.93048G	60.96	74.00	-13.04	3	Vertical	154	1.02
5310MHz	Pass	AV	10.64244G	46.37	54.00	-7.63	3	Horizontal	266	1.50
5310MHz	Pass	AV	15.94308G	49.72	54.00	-4.28	3	Horizontal	39	2.99
5310MHz	Pass	PK	10.6164G	57.45	74.00	-16.55	3	Horizontal	266	1.50
5310MHz	Pass	PK	15.94008G	60.79	74.00	-13.21	3	Horizontal	39	2.99
5755MHz	Pass	AV	5.4586G	50.08	54.00	-3.92	3	Vertical	313	2.21
5755MHz	Pass	AV	5.7562G	106.84	Inf	-Inf	3	Vertical	313	2.21
5755MHz	Pass	PK	5.6422G	67.89	68.20	-0.31	3	Vertical	313	2.21
5755MHz	Pass	PK	5.7526G	114.66	Inf	-Inf	3	Vertical	313	2.21
5755MHz	Pass	PK	5.971G	64.69	68.20	-3.51	3	Vertical	313	2.21
5755MHz	Pass	AV	5.4586G	49.90	54.00	-4.10	3	Horizontal	284	1.00
5755MHz	Pass	AV	5.7538G	98.01	Inf	-Inf	3	Horizontal	284	1.00
5755MHz	Pass	PK	5.6182G	62.45	68.20	-5.75	3	Horizontal	284	1.00
5755MHz	Pass	PK	5.7538G	106.26	Inf	-Inf	3	Horizontal	284	1.00
5755MHz	Pass	PK	5.9938G	63.90	68.20	-4.30	3	Horizontal	284	1.00
5755MHz	Pass	AV	11.53868G	46.36	54.00	-7.64	3	Vertical	144	1.50
5755MHz	Pass	PK	11.53136G	57.52	74.00	-16.48	3	Vertical	144	1.50
5755MHz	Pass	PK	17.27976G	61.21	68.20	-6.99	3	Vertical	165	2.11
5755MHz	Pass	AV	11.52224G	46.44	54.00	-7.56	3	Horizontal	354	1.49
5755MHz	Pass	PK	11.52368G	58.00	74.00	-16.00	3	Horizontal	354	1.49
5755MHz	Pass	PK	17.29308G	61.27	68.20	-6.93	3	Horizontal	76	1.50
5795MHz	Pass	AV	5.7962G	108.11	Inf	-Inf	3	Vertical	302	2.02
5795MHz	Pass	PK	5.6438G	67.13	68.20	-1.07	3	Vertical	302	2.02
5795MHz	Pass	PK	5.7962G	116.05	Inf	-Inf	3	Vertical	302	2.02
5795MHz	Pass	PK	5.9282G	67.51	68.20	-0.69	3	Vertical	302	2.02
5795MHz	Pass	AV	5.7962G	93.90	Inf	-Inf	3	Horizontal	310	1.03
5795MHz	Pass	PK	5.597G	62.04	68.20	-6.16	3	Horizontal	310	1.03
5795MHz	Pass	PK	5.7962G	102.15	Inf	-Inf	3	Horizontal	310	1.03
5795MHz	Pass	PK	6.0446G	64.05	68.20	-4.15	3	Horizontal	310	1.03
5795MHz	Pass	AV	11.58964G	47.39	54.00	-6.61	3	Vertical	29	1.50
5795MHz	Pass	PK	11.57308G	58.74	74.00	-15.26	3	Vertical	29	1.50
5795MHz	Pass	PK	17.4006G	62.31	68.20	-5.89	3	Vertical	95	1.49
5795MHz	Pass	AV	11.61364G	46.44	54.00	-7.56	3	Horizontal	152	1.12
5795MHz	Pass	PK	11.61952G	57.76	74.00	-16.24	3	Horizontal	152	1.12
5795MHz	Pass	PK	17.37132G	63.01	68.20	-5.19	3	Horizontal	63	1.50
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	53.52	54.00	-0.48	3	Vertical	329	2.27

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5210MHz	Pass	AV	5.211G	93.95	Inf	-Inf	3	Vertical	329	2.27
5210MHz	Pass	AV	5.361G	49.54	54.00	-4.46	3	Vertical	329	2.27
5210MHz	Pass	PK	5.15G	62.36	74.00	-11.64	3	Vertical	329	2.27
5210MHz	Pass	PK	5.212G	101.92	Inf	-Inf	3	Vertical	329	2.27
5210MHz	Pass	PK	5.358G	58.67	74.00	-15.33	3	Vertical	329	2.27
5210MHz	Pass	AV	5.149G	49.92	54.00	-4.08	3	Horizontal	290	1.38
5210MHz	Pass	AV	5.211G	85.06	Inf	-Inf	3	Horizontal	290	1.38
5210MHz	Pass	AV	5.364G	48.94	54.00	-5.06	3	Horizontal	290	1.38
5210MHz	Pass	PK	5.14G	58.78	74.00	-15.22	3	Horizontal	290	1.38
5210MHz	Pass	PK	5.213G	93.38	Inf	-Inf	3	Horizontal	290	1.38
5210MHz	Pass	PK	5.399G	57.65	74.00	-16.35	3	Horizontal	290	1.38
5210MHz	Pass	AV	15.60528G	51.17	54.00	-2.83	3	Vertical	263	1.50
5210MHz	Pass	PK	10.4392G	56.58	68.20	-11.62	3	Vertical	184	1.00
5210MHz	Pass	PK	15.5976G	61.19	74.00	-12.81	3	Vertical	263	1.50
5210MHz	Pass	AV	15.63336G	51.31	54.00	-2.69	3	Horizontal	344	1.24
5210MHz	Pass	PK	10.39576G	57.05	68.20	-11.15	3	Horizontal	112	1.50
5210MHz	Pass	PK	15.66576G	60.83	74.00	-13.17	3	Horizontal	344	1.24
5290MHz	Pass	AV	5.136G	49.22	54.00	-4.78	3	Vertical	270	2.08
5290MHz	Pass	AV	5.289G	95.69	Inf	-Inf	3	Vertical	270	2.08
5290MHz	Pass	AV	5.351G	53.60	54.00	-0.40	3	Vertical	270	2.08
5290MHz	Pass	PK	5.13G	58.59	74.00	-15.41	3	Vertical	270	2.08
5290MHz	Pass	PK	5.286G	103.22	Inf	-Inf	3	Vertical	270	2.08
5290MHz	Pass	PK	5.351G	63.09	74.00	-10.91	3	Vertical	270	2.08
5290MHz	Pass	PK	5.483G	59.39	68.20	-8.81	3	Vertical	270	2.08
5290MHz	Pass	AV	5.073G	48.92	54.00	-5.08	3	Horizontal	289	1.28
5290MHz	Pass	AV	5.289G	85.50	Inf	-Inf	3	Horizontal	289	1.28
5290MHz	Pass	AV	5.361G	48.97	54.00	-5.03	3	Horizontal	289	1.28
5290MHz	Pass	PK	5.124G	57.96	74.00	-16.04	3	Horizontal	289	1.28
5290MHz	Pass	PK	5.293G	93.08	Inf	-Inf	3	Horizontal	289	1.28
5290MHz	Pass	PK	5.36G	58.13	74.00	-15.87	3	Horizontal	289	1.28
5290MHz	Pass	PK	5.482G	58.24	68.20	-9.96	3	Horizontal	289	1.28
5290MHz	Pass	AV	10.61816G	47.64	54.00	-6.36	3	Vertical	66	2.04
5290MHz	Pass	AV	15.81528G	50.84	54.00	-3.16	3	Vertical	49	2.63
5290MHz	Pass	PK	10.63136G	58.17	74.00	-15.83	3	Vertical	66	2.04
5290MHz	Pass	PK	15.87624G	60.78	74.00	-13.22	3	Vertical	49	2.63
5290MHz	Pass	AV	10.62536G	47.92	54.00	-6.08	3	Horizontal	348	1.50
5290MHz	Pass	AV	15.9264G	50.86	54.00	-3.14	3	Horizontal	115	2.66
5290MHz	Pass	PK	10.5764G	57.90	68.20	-10.30	3	Horizontal	348	1.50
5290MHz	Pass	PK	15.87384G	61.76	74.00	-12.24	3	Horizontal	115	2.66
5775MHz	Pass	AV	5.7726G	101.85	Inf	-Inf	3	Vertical	301	2.14
5775MHz	Pass	PK	5.6442G	67.22	68.20	-0.98	3	Vertical	301	2.14
5775MHz	Pass	PK	5.7714G	110.03	Inf	-Inf	3	Vertical	301	2.14
5775MHz	Pass	PK	5.9274G	64.29	68.20	-3.91	3	Vertical	301	2.14
5775MHz	Pass	AV	5.7738G	94.35	Inf	-Inf	3	Horizontal	287	1.09
5775MHz	Pass	PK	5.6418G	61.43	68.20	-6.77	3	Horizontal	287	1.09
5775MHz	Pass	PK	5.7726G	101.61	Inf	-Inf	3	Horizontal	287	1.09
5775MHz	Pass	PK	5.9286G	60.95	68.20	-7.25	3	Horizontal	287	1.09
5775MHz	Pass	AV	11.57832G	48.05	54.00	-5.95	3	Vertical	178	1.50
5775MHz	Pass	PK	11.5512G	57.67	74.00	-16.33	3	Vertical	178	1.50
5775MHz	Pass	PK	17.33196G	62.18	68.20	-6.02	3	Vertical	226	1.50
5775MHz	Pass	AV	11.54352G	48.04	54.00	-5.96	3	Horizontal	214	1.50
5775MHz	Pass	PK	11.54304G	59.14	74.00	-14.86	3	Horizontal	214	1.50
5775MHz	Pass	PK	17.37324G	62.01	68.20	-6.19	3	Horizontal	64	1.50

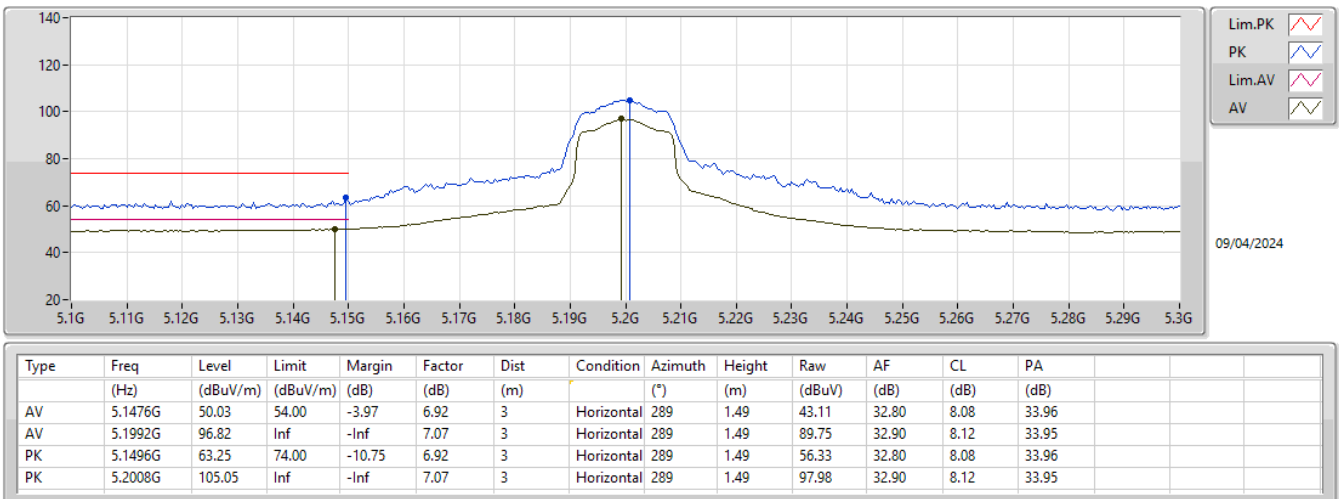
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX



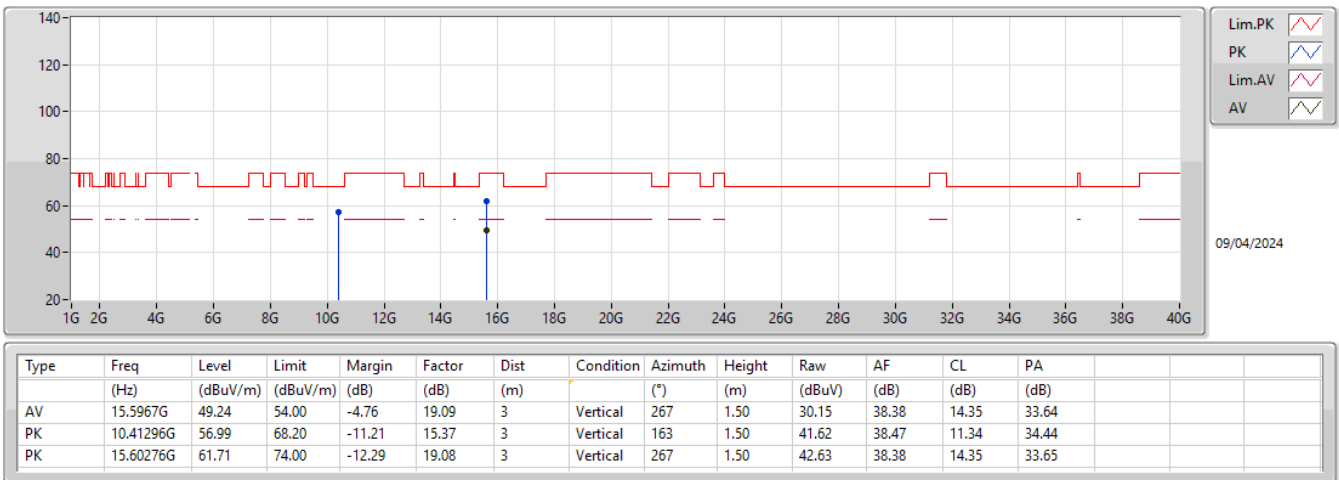
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX



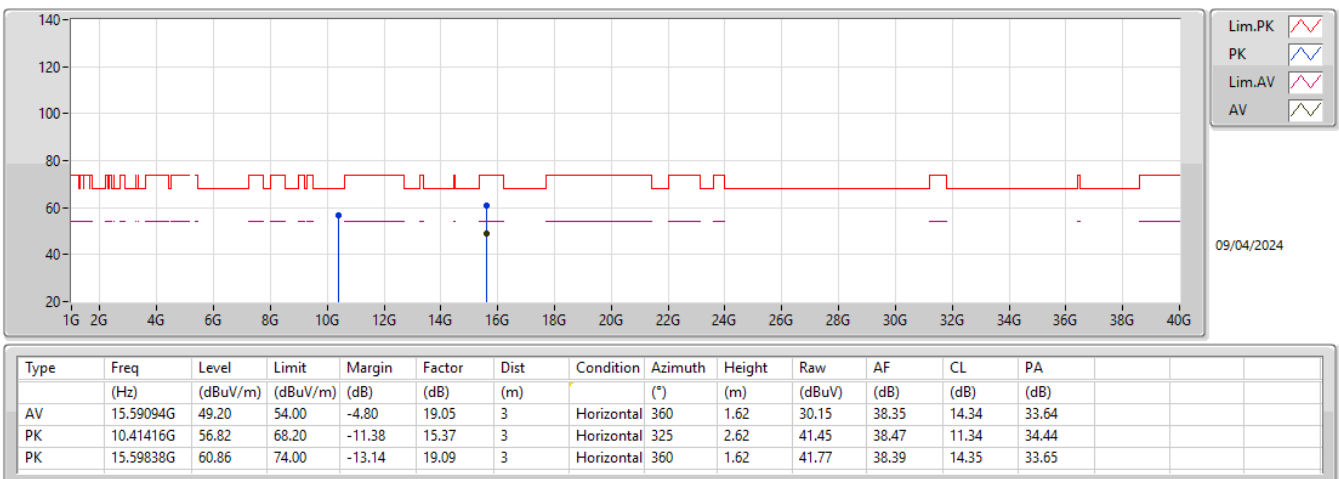
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX



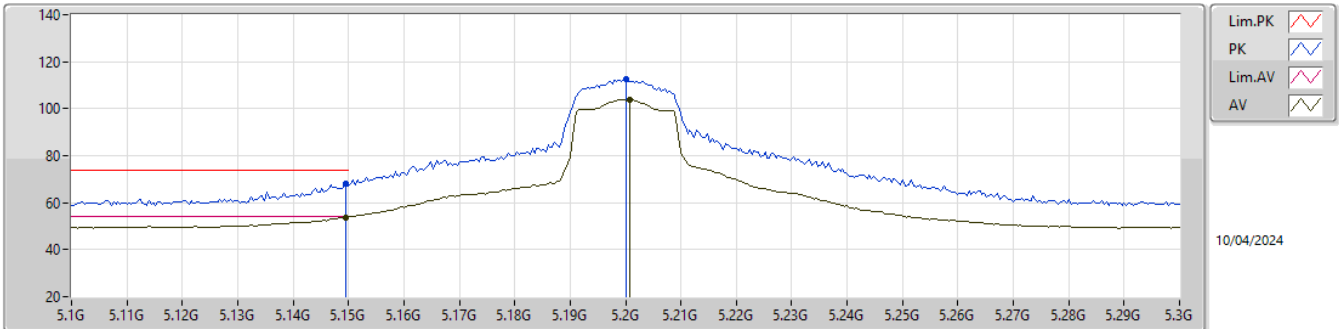
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX



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

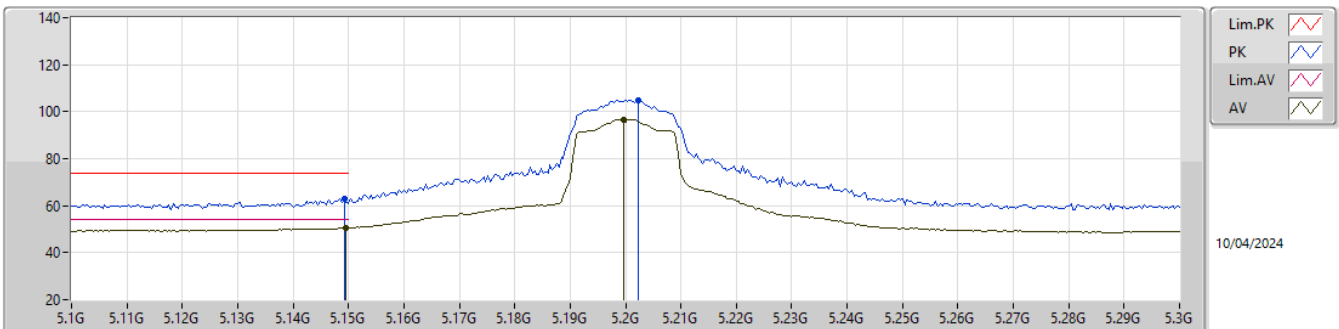
5200MHz_TX



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	5.1496G	53.82	54.00	-0.18	6.92	3	Vertical	317	2.17	46.90	32.80	8.08	33.96
AV	5.2008G	104.00	Inf	-Inf	7.07	3	Vertical	317	2.17	96.93	32.90	8.12	33.95
PK	5.1496G	68.19	74.00	-5.81	6.92	3	Vertical	317	2.17	61.27	32.80	8.08	33.96
PK	5.2G	112.33	Inf	-Inf	7.07	3	Vertical	317	2.17	105.26	32.90	8.12	33.95

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

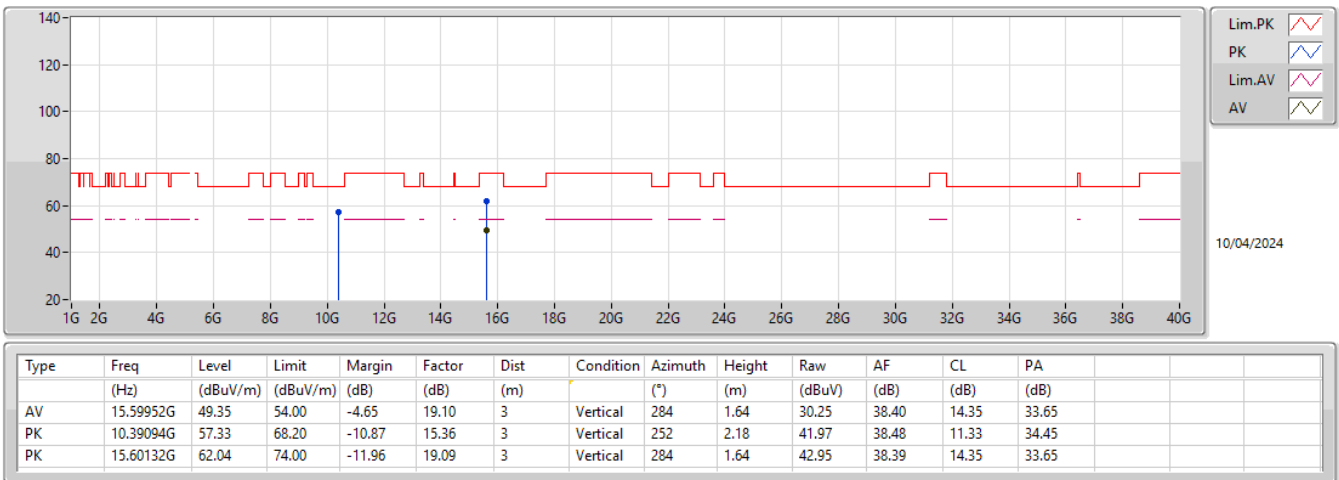
5200MHz_TX



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	5.1496G	50.67	54.00	-3.33	6.92	3	Horizontal	290	1.50	43.75	32.80	8.08	33.96
AV	5.1996G	96.76	Inf	-Inf	7.07	3	Horizontal	290	1.50	89.69	32.90	8.12	33.95
PK	5.1492G	62.99	74.00	-11.01	6.92	3	Horizontal	290	1.50	56.07	32.80	8.08	33.96
PK	5.2024G	105.00	Inf	-Inf	7.07	3	Horizontal	290	1.50	97.93	32.90	8.12	33.95

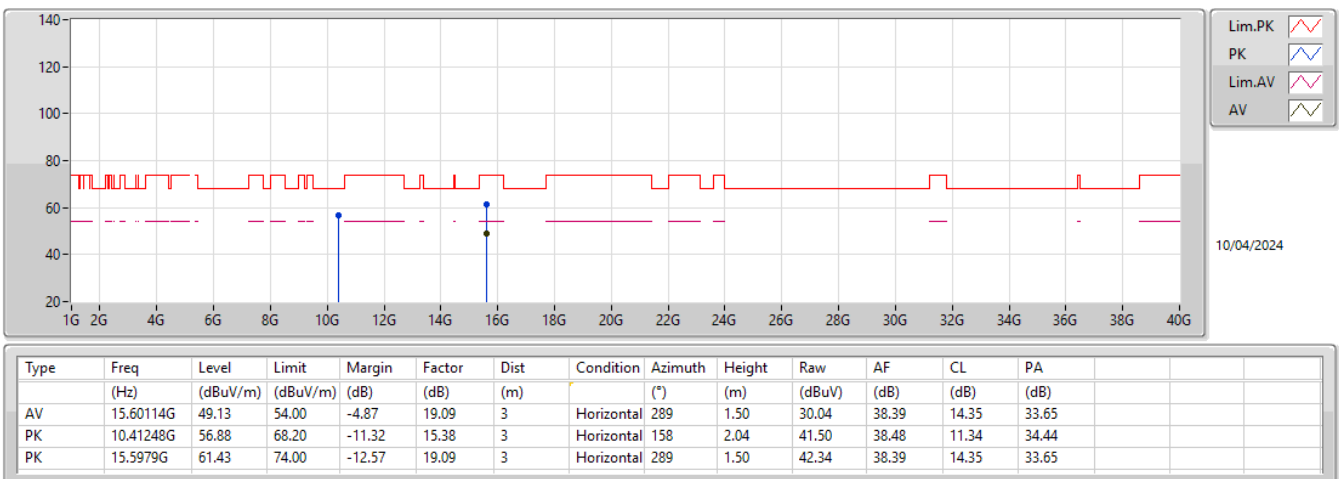
5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX



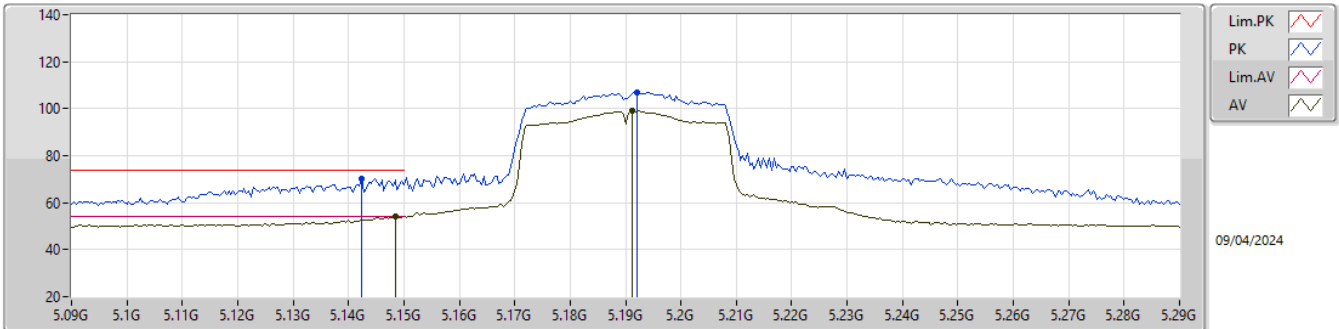
5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX



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

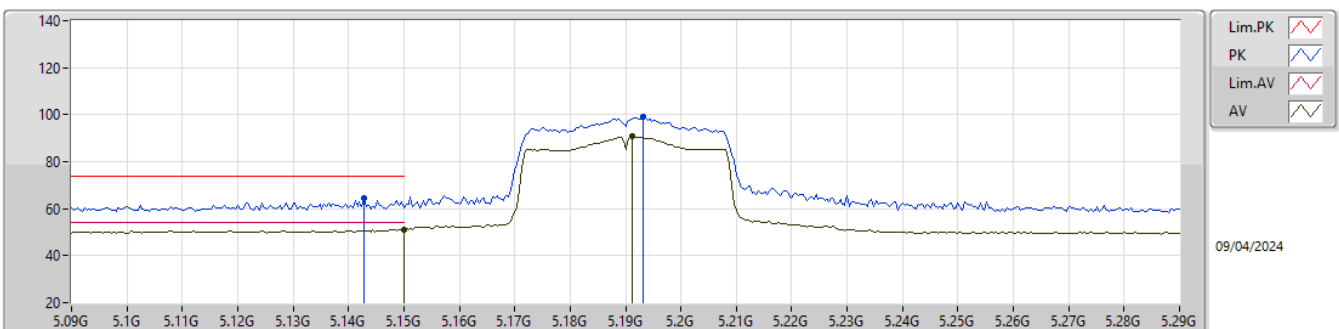
5190MHz_TX



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	5.1484G	53.94	54.00	-0.06	6.92	3	Vertical	287	2.96	47.02	32.80	8.08	33.96
AV	5.1912G	99.00	Inf	-Inf	7.04	3	Vertical	287	2.96	91.96	32.88	8.11	33.95
PK	5.1424G	70.42	74.00	-3.58	6.94	3	Vertical	287	2.96	63.48	32.82	8.08	33.96
PK	5.192G	107.07	Inf	-Inf	7.04	3	Vertical	287	2.96	100.03	32.88	8.11	33.95

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

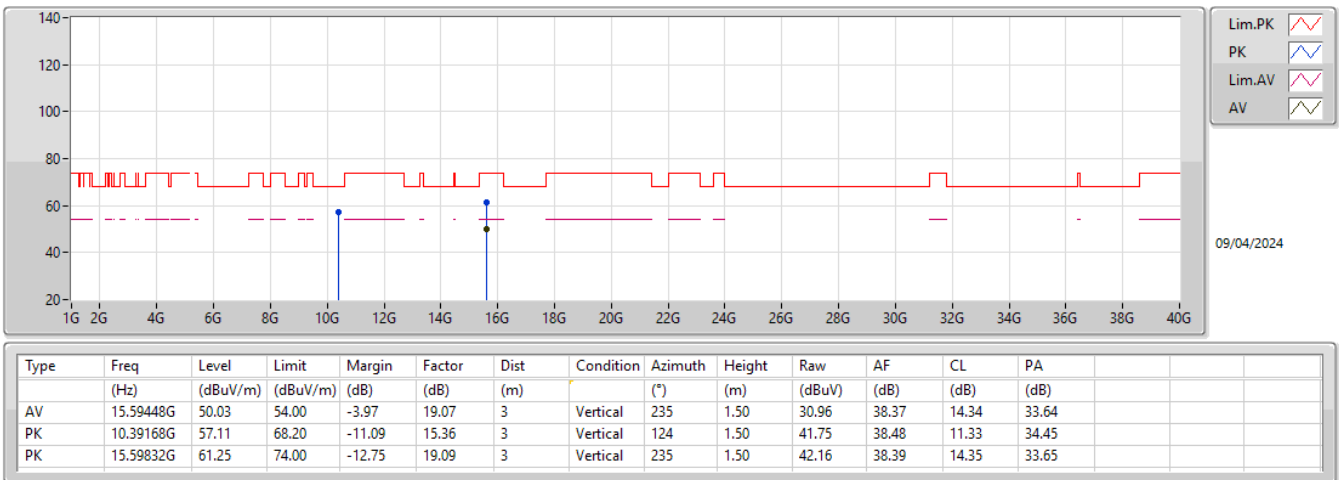
5190MHz_TX



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	5.15G	51.13	54.00	-2.87	6.92	3	Horizontal	290	1.26	44.21	32.80	8.08	33.96
AV	5.1912G	90.68	Inf	-Inf	7.04	3	Horizontal	290	1.26	83.64	32.88	8.11	33.95
PK	5.1428G	64.39	74.00	-9.61	6.93	3	Horizontal	290	1.26	57.46	32.81	8.08	33.96
PK	5.1932G	98.99	Inf	-Inf	7.06	3	Horizontal	290	1.26	91.93	32.89	8.12	33.95

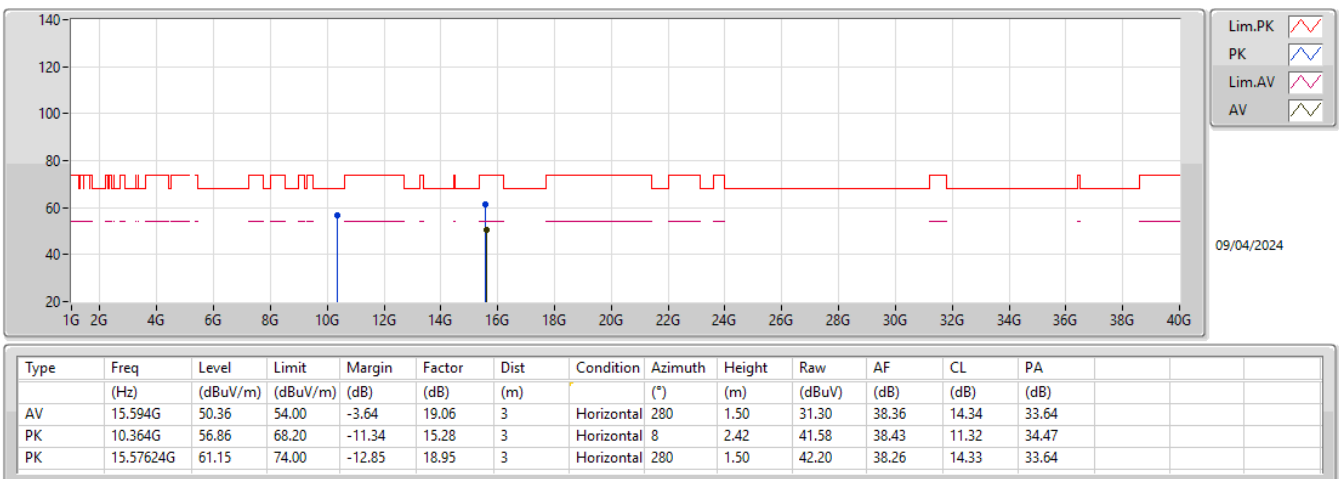
5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX



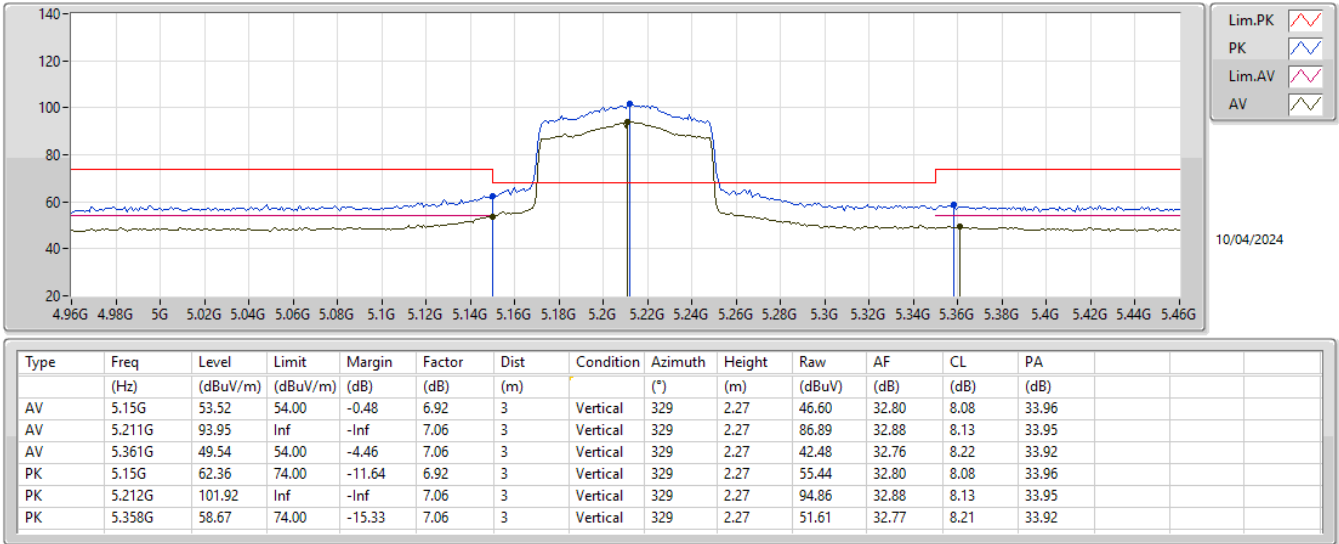
5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX



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

5210MHz_TX



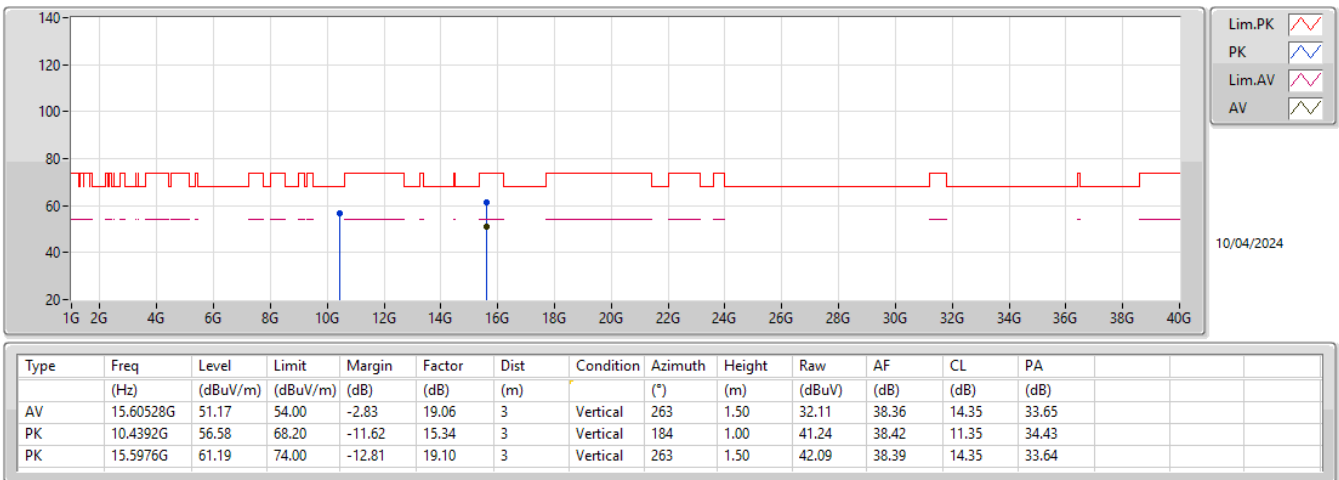
5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX



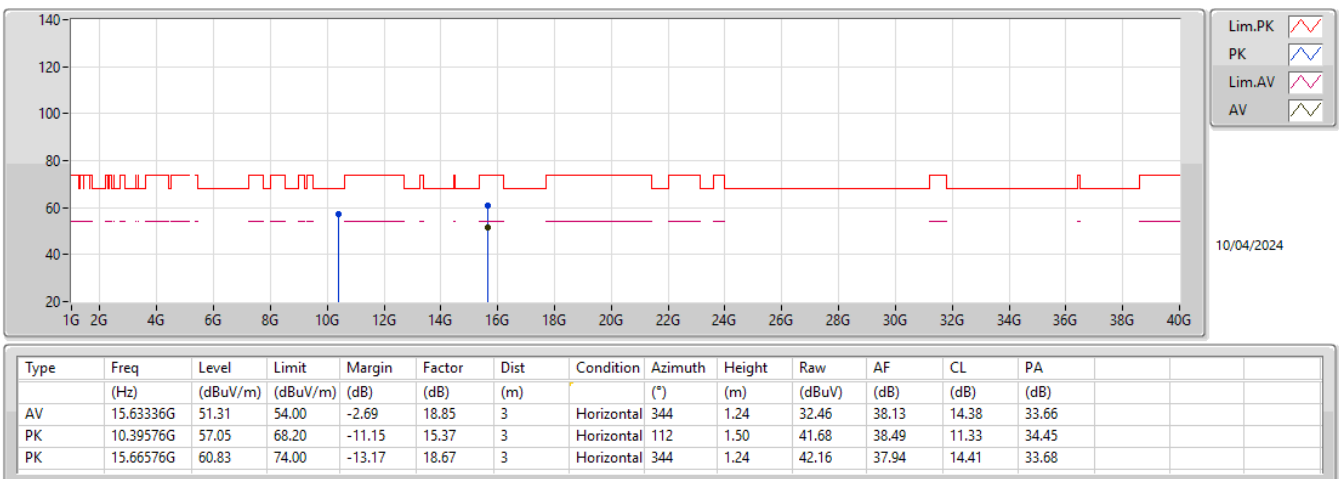
5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX



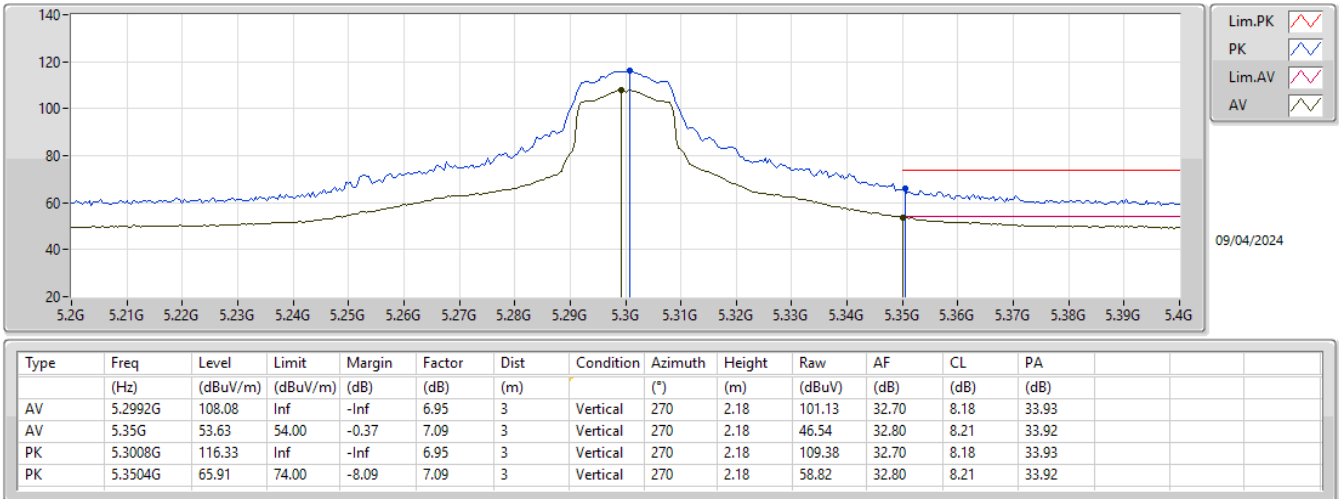
5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX



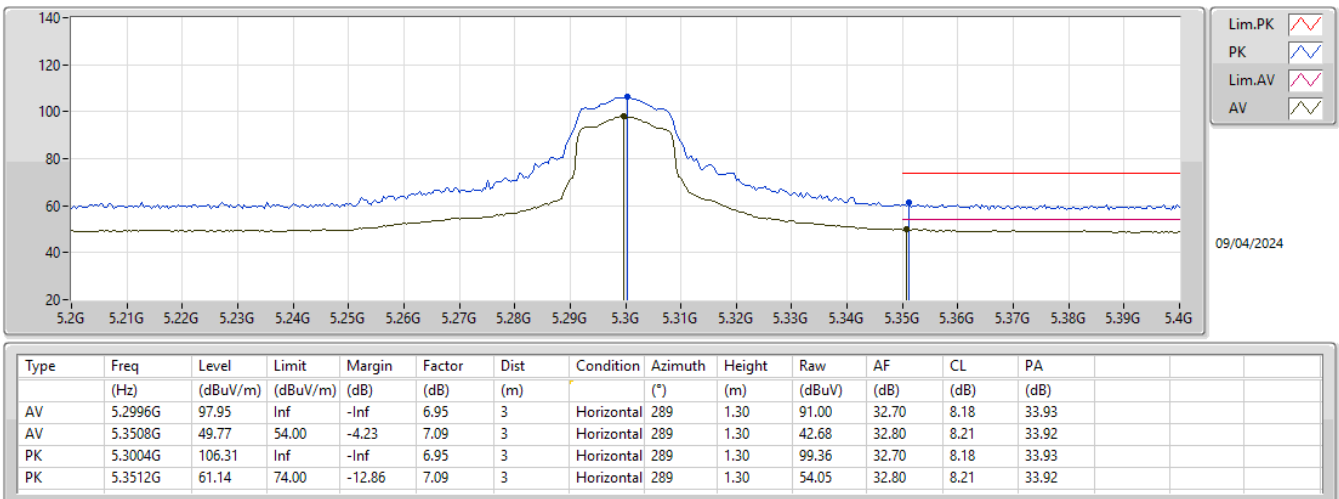
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



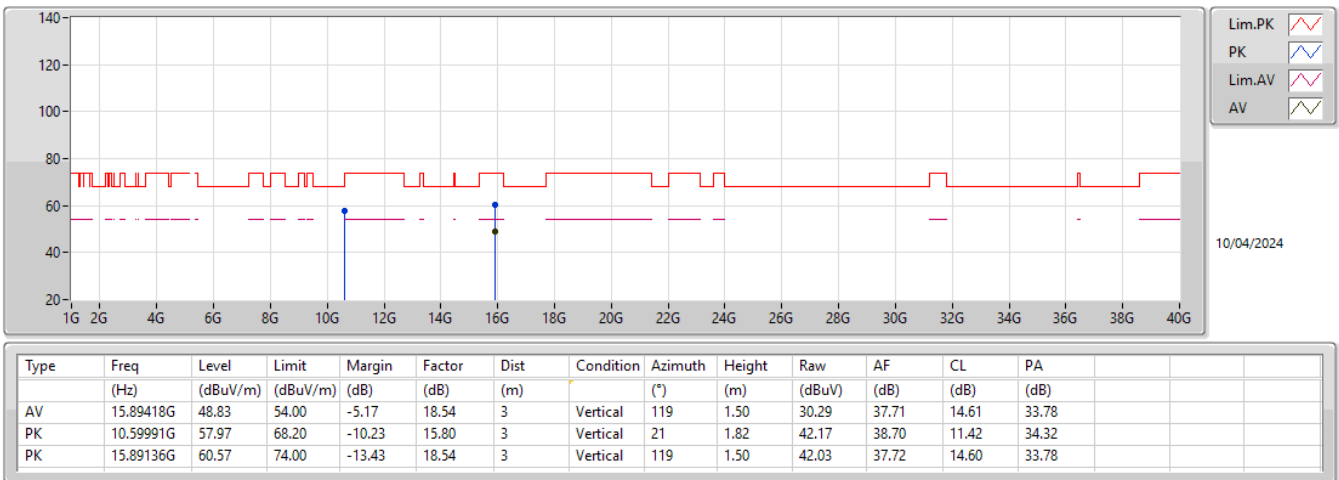
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



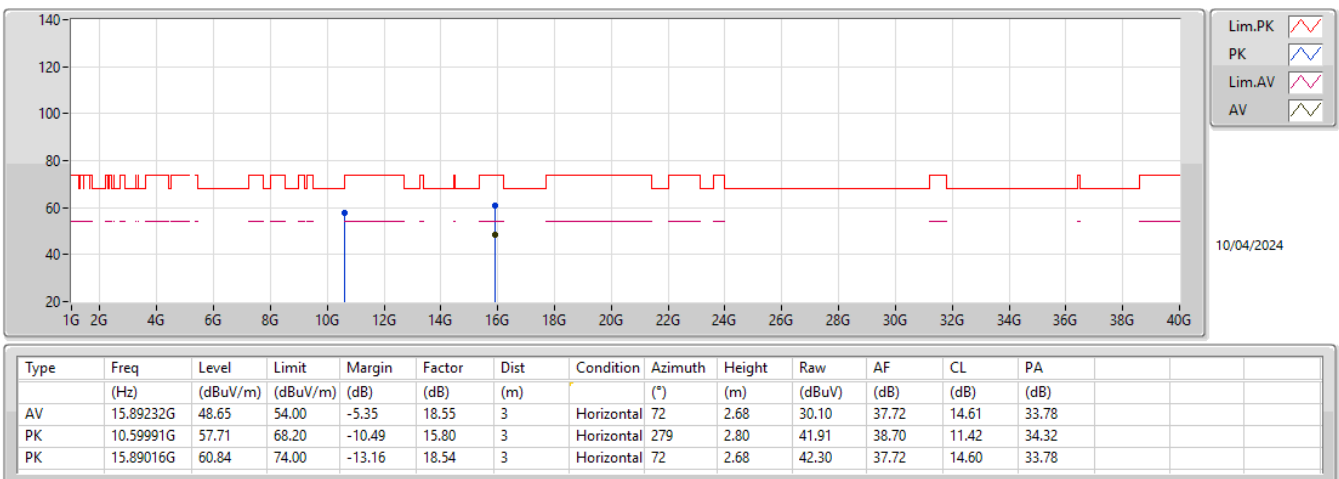
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



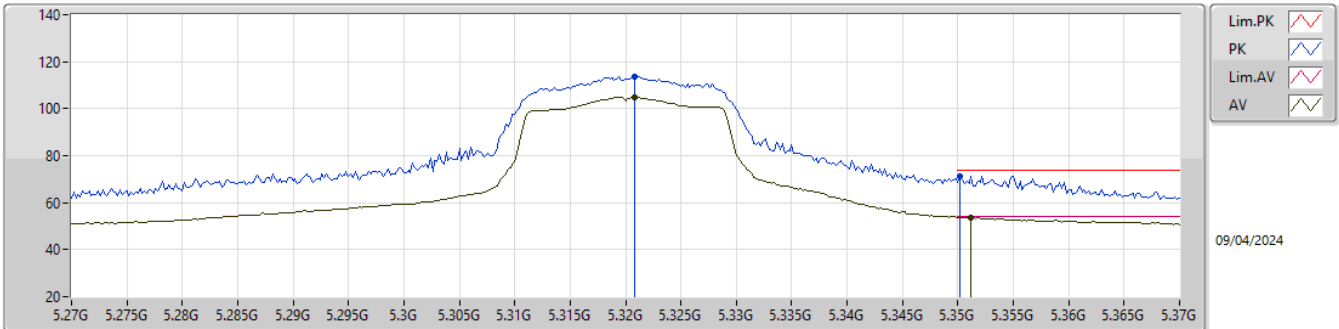
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

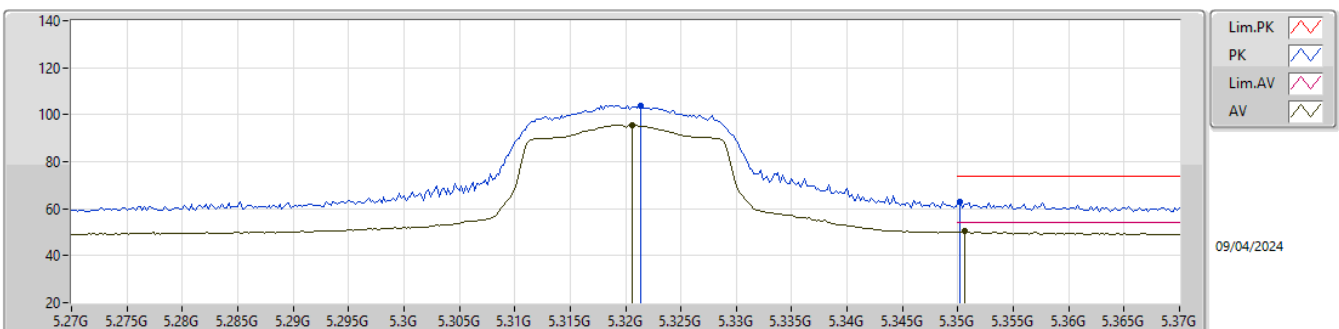
5320MHz_TX



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	5.3208G	105.00	Inf	-Inf	7.00	3	Vertical	271	2.09	98.00	32.74	8.19	33.93
AV	5.3512G	53.85	54.00	-0.15	7.09	3	Vertical	271	2.09	46.76	32.80	8.21	33.92
PK	5.3208G	113.81	Inf	-Inf	7.00	3	Vertical	271	2.09	106.81	32.74	8.19	33.93
PK	5.3502G	71.44	74.00	-2.56	7.09	3	Vertical	271	2.09	64.35	32.80	8.21	33.92

5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

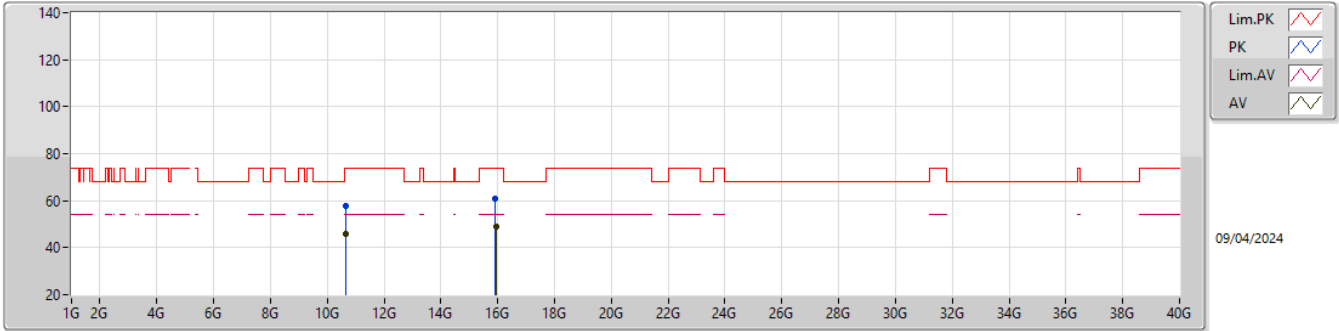
5320MHz_TX



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	5.3206G	95.64	Inf	-Inf	7.00	3	Horizontal	290	1.18	88.64	32.74	8.19	33.93
AV	5.3506G	50.27	54.00	-3.73	7.09	3	Horizontal	290	1.18	43.18	32.80	8.21	33.92
PK	5.3214G	103.95	Inf	-Inf	7.00	3	Horizontal	290	1.18	96.95	32.74	8.19	33.93
PK	5.3502G	62.87	74.00	-11.13	7.09	3	Horizontal	290	1.18	55.78	32.80	8.21	33.92

5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

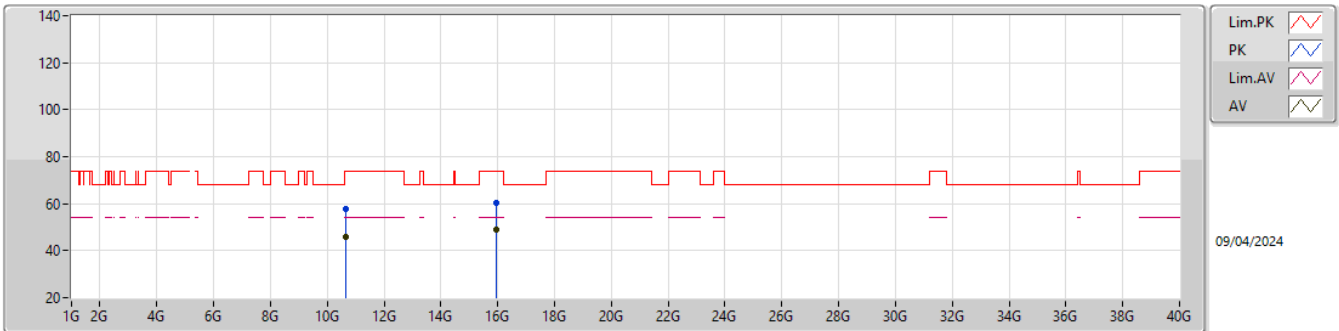
5320MHz_TX



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	10.66576G	45.62	54.00	-8.38	15.98	3	Vertical	296	1.50	29.64	38.80	11.45	34.27
AV	15.94512G	48.84	54.00	-5.16	18.91	3	Vertical	11	1.50	29.93	38.06	14.65	33.80
PK	10.64656G	57.65	74.00	-16.35	15.95	3	Vertical	296	1.50	41.70	38.79	11.44	34.28
PK	15.9288G	60.78	74.00	-13.22	18.77	3	Vertical	11	1.50	42.01	37.93	14.64	33.80

5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

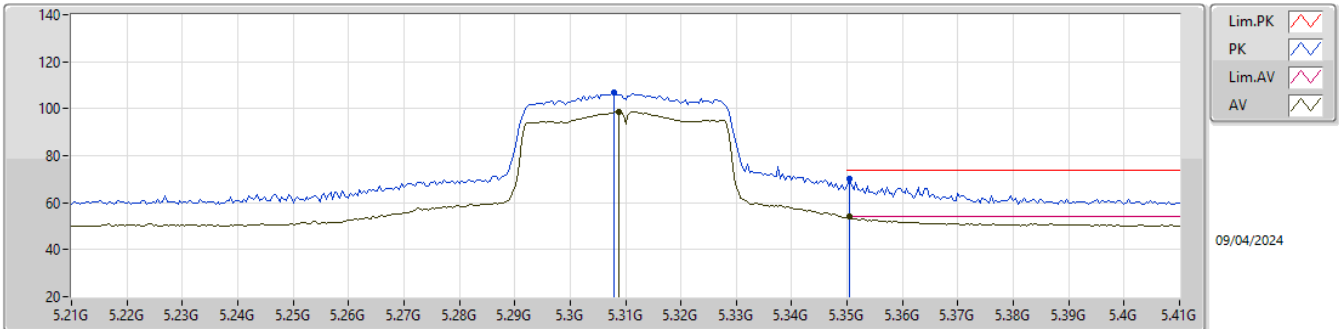
5320MHz_TX



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	10.65744G	45.65	54.00	-8.35	15.97	3	Horizontal	304	1.50	29.68	38.80	11.45	34.28
AV	15.94048G	48.83	54.00	-5.17	18.87	3	Horizontal	105	1.86	29.96	38.02	14.65	33.80
PK	10.6488G	57.94	74.00	-16.06	15.97	3	Horizontal	304	1.50	41.97	38.80	11.45	34.28
PK	15.9416G	60.60	74.00	-13.40	18.88	3	Horizontal	105	1.86	41.72	38.03	14.65	33.80

5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

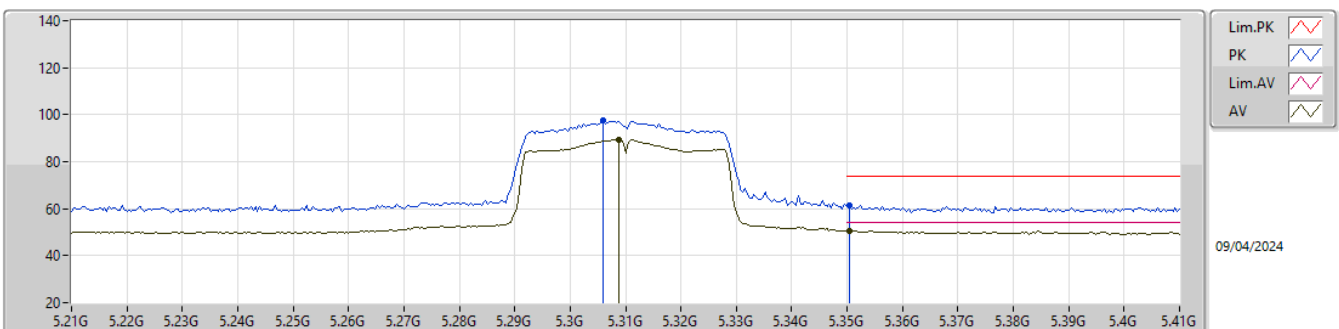
5310MHz_TX



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	5.3088G	98.64	Inf	-Inf	6.98	3	Vertical	271	1.97	91.66	32.72	8.19	33.93
AV	5.3504G	53.95	54.00	-0.05	7.09	3	Vertical	271	1.97	46.86	32.80	8.21	33.92
PK	5.308G	106.72	Inf	-Inf	6.97	3	Vertical	271	1.97	99.75	32.72	8.18	33.93
PK	5.3504G	69.95	74.00	-4.05	7.09	3	Vertical	271	1.97	62.86	32.80	8.21	33.92

5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

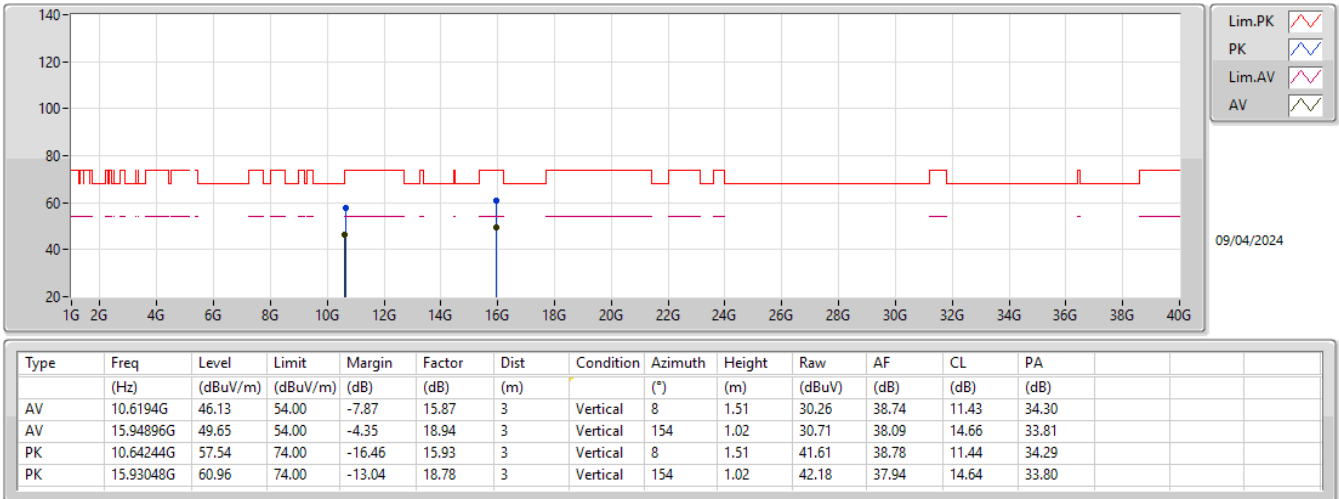
5310MHz_TX



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	5.3088G	89.47	Inf	-Inf	6.98	3	Horizontal	289	1.24	82.49	32.72	8.19	33.93
AV	5.3504G	50.59	54.00	-3.41	7.09	3	Horizontal	289	1.24	43.50	32.80	8.21	33.92
PK	5.306G	97.45	Inf	-Inf	6.96	3	Horizontal	289	1.24	90.49	32.71	8.18	33.93
PK	5.3504G	61.55	74.00	-12.45	7.09	3	Horizontal	289	1.24	54.46	32.80	8.21	33.92

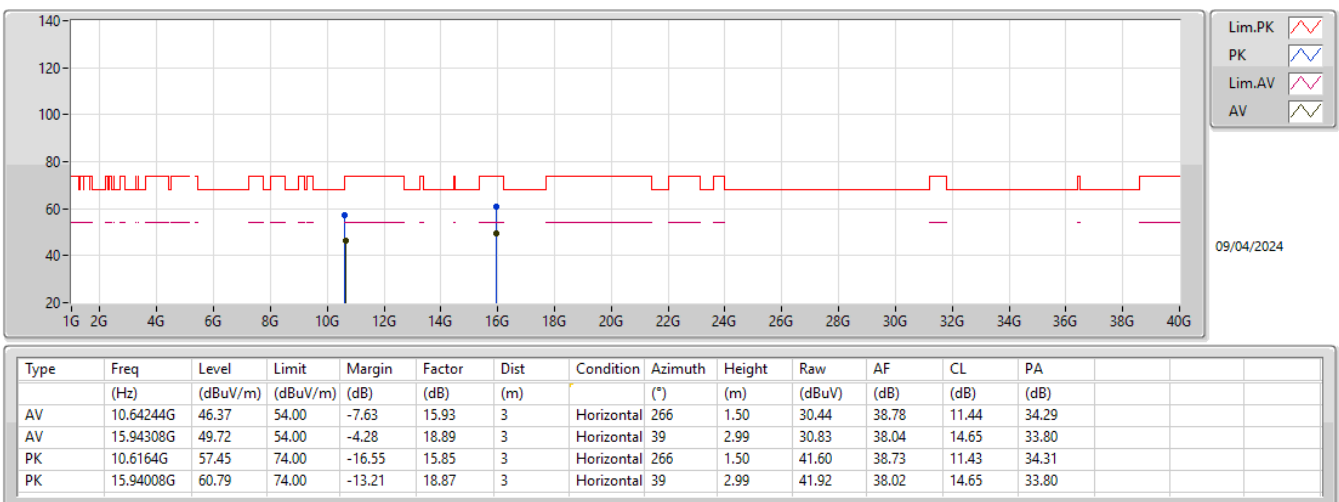
5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5310MHz_TX



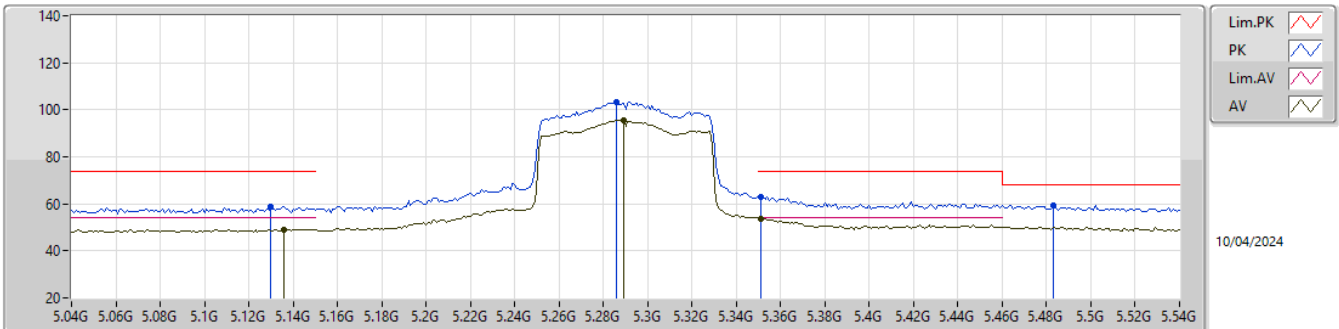
5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5310MHz_TX



5.25-5.35GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

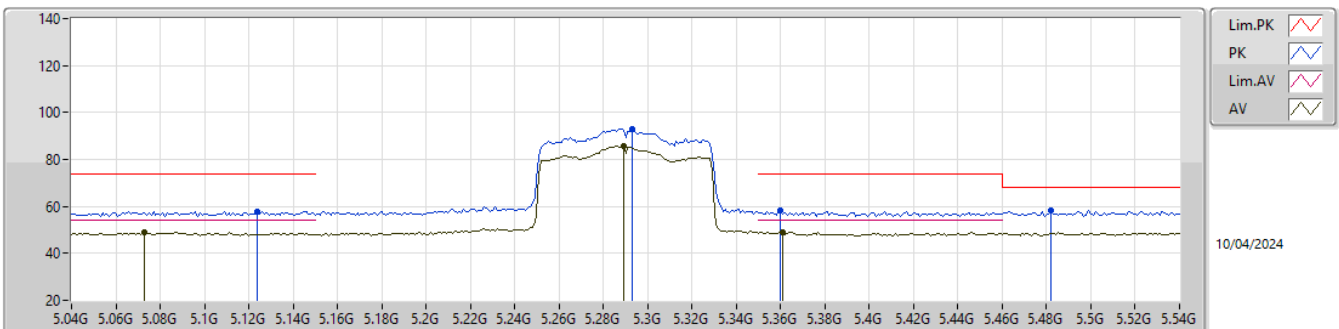
5290MHz_TX



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	5.136G	49.22	54.00	-4.78	6.95	3	Vertical	270	2.08	42.27	32.83	8.08	33.96
AV	5.289G	95.69	Inf	-Inf	6.96	3	Vertical	270	2.08	88.73	32.72	8.17	33.93
AV	5.351G	53.60	54.00	-0.40	7.09	3	Vertical	270	2.08	46.51	32.80	8.21	33.92
PK	5.13G	58.59	74.00	-15.41	6.95	3	Vertical	270	2.08	51.64	32.84	8.07	33.96
PK	5.286G	103.22	Inf	-Inf	6.97	3	Vertical	270	2.08	96.25	32.73	8.17	33.93
PK	5.351G	63.09	74.00	-10.91	7.09	3	Vertical	270	2.08	56.00	32.80	8.21	33.92
PK	5.483G	59.39	68.20	-8.81	7.10	3	Vertical	270	2.08	52.29	32.70	8.29	33.89

5.25-5.35GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

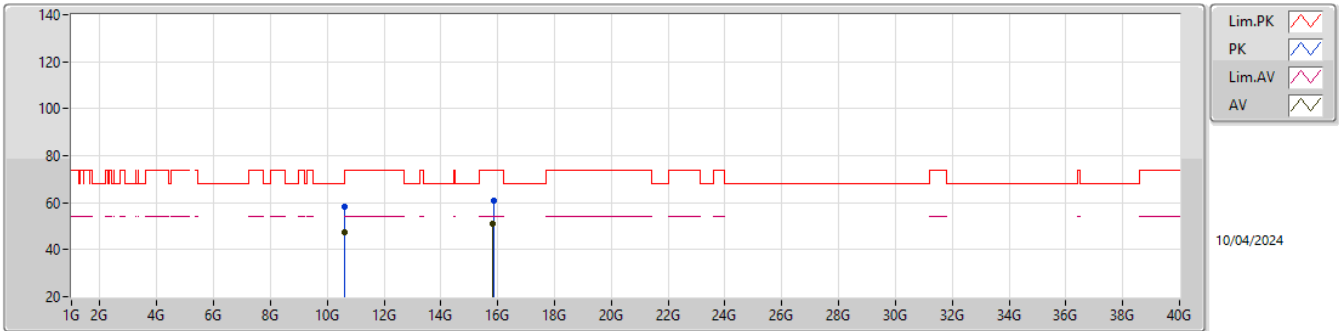
5290MHz_TX



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	5.073G	48.92	54.00	-5.08	7.00	3	Horizontal	289	1.28	41.92	32.95	8.03	33.98
AV	5.289G	85.50	Inf	-Inf	6.96	3	Horizontal	289	1.28	78.54	32.72	8.17	33.93
AV	5.361G	48.97	54.00	-5.03	7.06	3	Horizontal	289	1.28	41.91	32.76	8.22	33.92
PK	5.124G	57.96	74.00	-16.04	6.95	3	Horizontal	289	1.28	51.01	32.85	8.07	33.97
PK	5.293G	93.08	Inf	-Inf	6.96	3	Horizontal	289	1.28	86.12	32.71	8.18	33.93
PK	5.36G	58.13	74.00	-15.87	7.06	3	Horizontal	289	1.28	51.07	32.76	8.22	33.92
PK	5.482G	58.24	68.20	-9.96	7.10	3	Horizontal	289	1.28	51.14	32.70	8.29	33.89

5.25-5.35GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

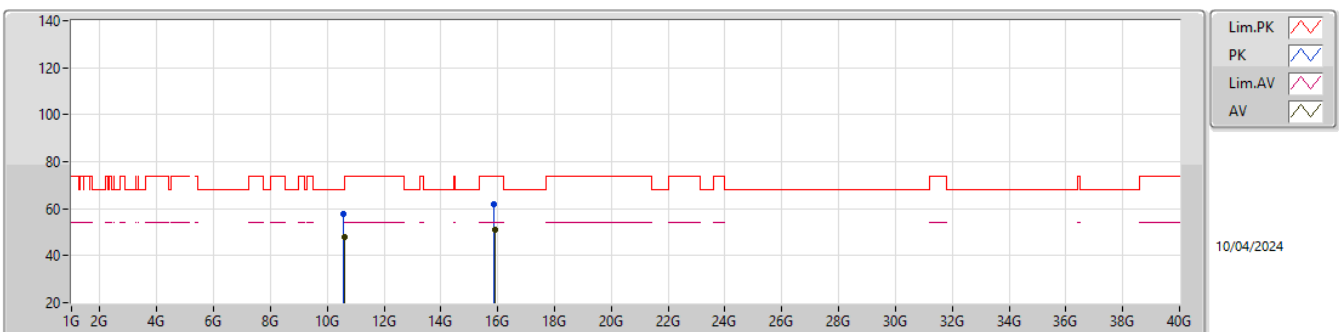
5290MHz_TX



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	10.61816G	47.64	54.00	-6.36	15.87	3	Vertical	66	2.04	31.77	38.74	11.43	34.30
AV	15.81528G	50.84	54.00	-3.16	18.87	3	Vertical	49	2.63	31.97	38.08	14.54	33.75
PK	10.63136G	58.17	74.00	-15.83	15.90	3	Vertical	66	2.04	42.27	38.76	11.44	34.30
PK	15.87624G	60.78	74.00	-13.22	18.57	3	Vertical	49	2.63	42.21	37.75	14.59	33.77

5.25-5.35GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

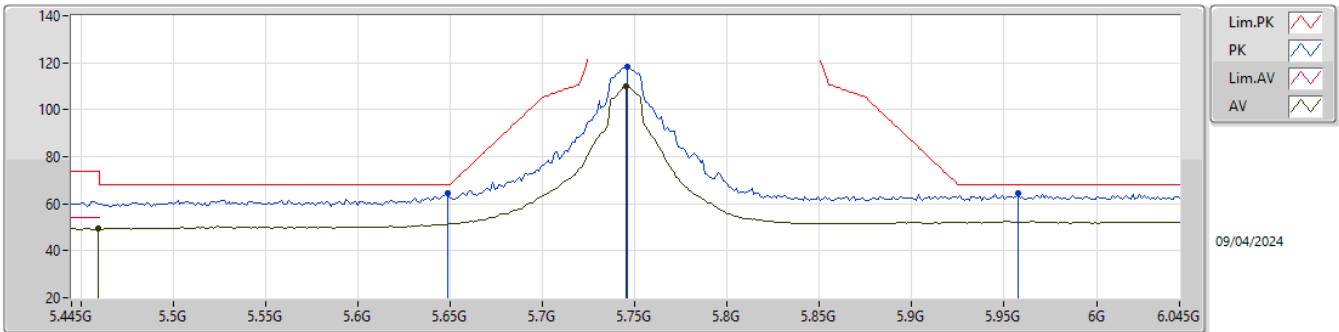
5290MHz_TX



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	10.62536G	47.92	54.00	-6.08	15.88	3	Horizontal	348	1.50	32.04	38.75	11.43	34.30
AV	15.9264G	50.86	54.00	-3.14	18.75	3	Horizontal	115	2.66	32.11	37.91	14.64	33.80
PK	10.5764G	57.90	68.20	-10.30	15.73	3	Horizontal	348	1.50	42.17	38.65	11.41	34.33
PK	15.87384G	61.76	74.00	-12.24	18.57	3	Horizontal	115	2.66	43.19	37.75	14.59	33.77

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

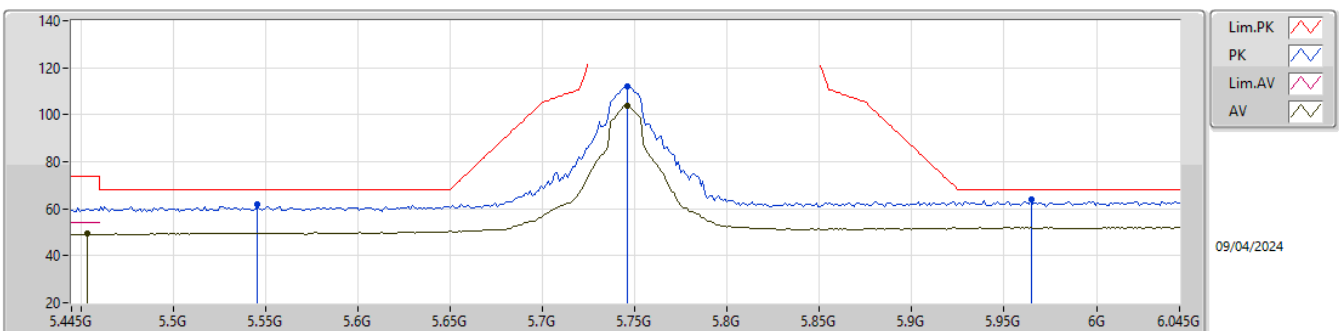
5745MHz_TX



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	49.37	54.00	-4.63	7.07	3	Vertical	300	2.12	42.30	32.70	8.27	33.90				
AV	5.745G	109.98	Inf	-Inf	8.02	3	Vertical	300	2.12	101.96	33.49	8.50	33.97				
PK	5.649G	64.57	68.20	-3.63	7.46	3	Vertical	300	2.12	57.11	33.00	8.40	33.94				
PK	5.7462G	118.13	Inf	-Inf	8.02	3	Vertical	300	2.12	110.11	33.49	8.50	33.97				
PK	5.9574G	64.41	68.20	-3.79	8.84	3	Vertical	300	2.12	55.57	34.26	8.62	34.04				

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

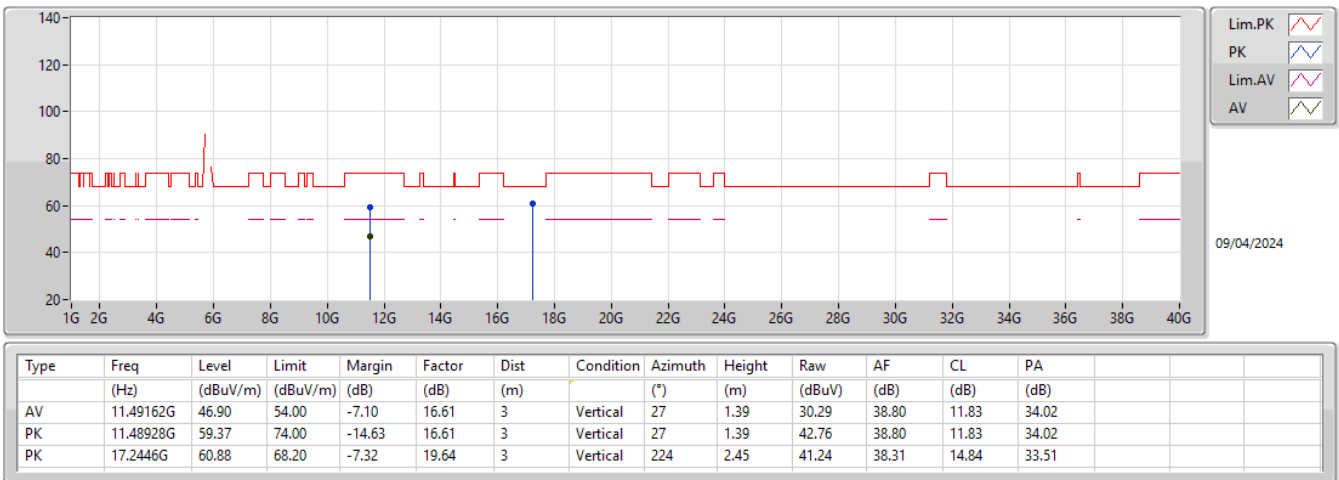
5745MHz_TX



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	5.4534G	49.34	54.00	-4.66	7.07	3	Horizontal	315	1.00	42.27	32.70	8.27	33.90				
AV	5.7462G	103.71	Inf	-Inf	8.02	3	Horizontal	315	1.00	95.69	33.49	8.50	33.97				
PK	5.5458G	61.95	68.20	-6.25	7.21	3	Horizontal	315	1.00	54.74	32.79	8.32	33.90				
PK	5.7462G	111.91	Inf	-Inf	8.02	3	Horizontal	315	1.00	103.89	33.49	8.50	33.97				
PK	5.9646G	63.90	68.20	-4.30	8.79	3	Horizontal	315	1.00	55.11	34.21	8.62	34.04				

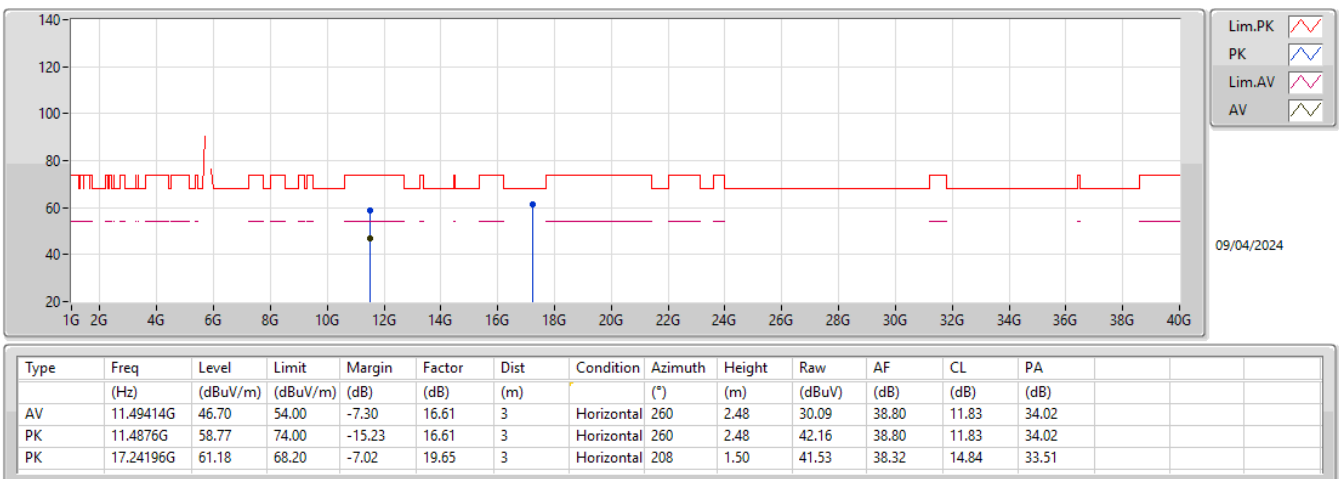
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX



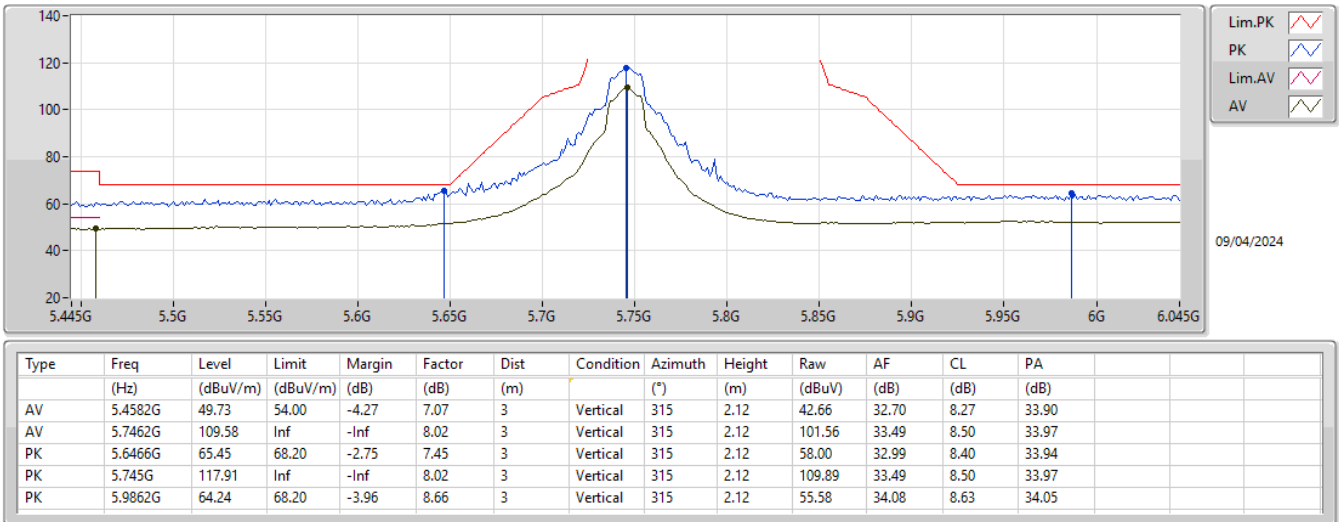
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX



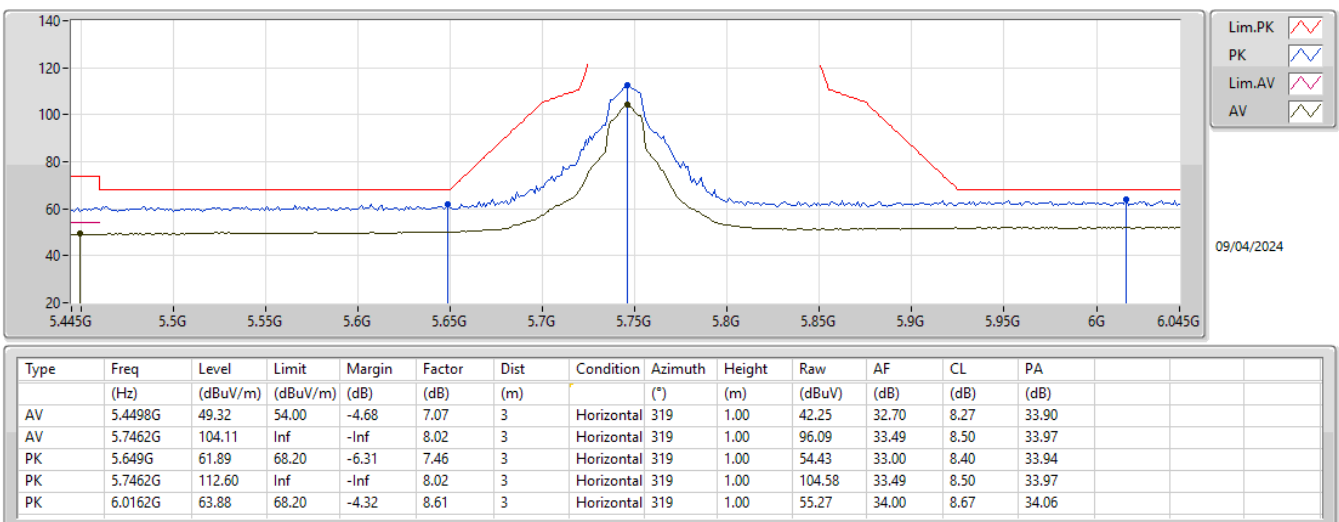
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



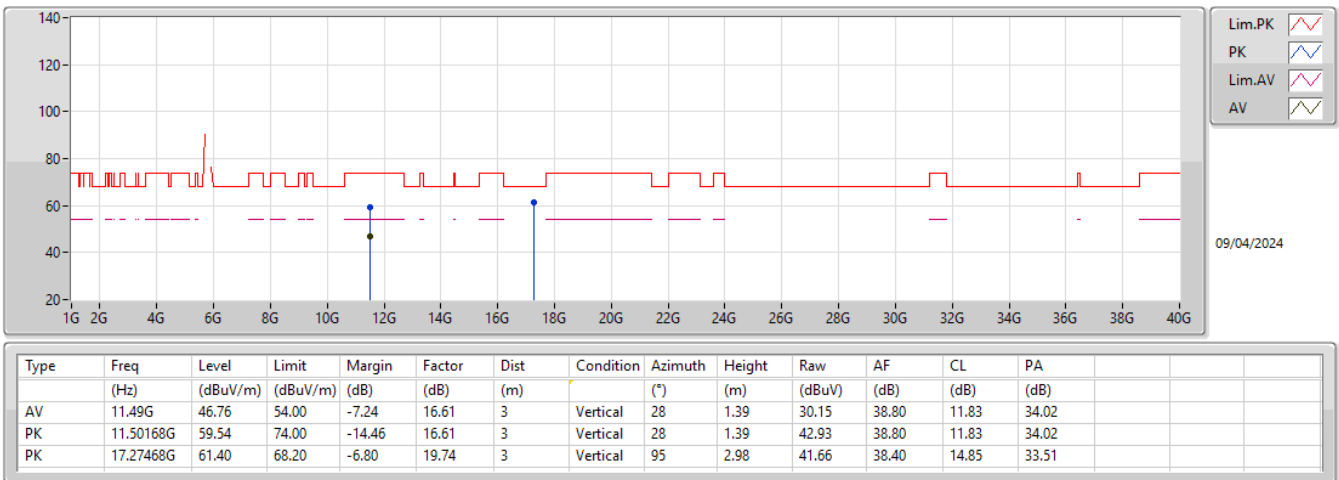
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



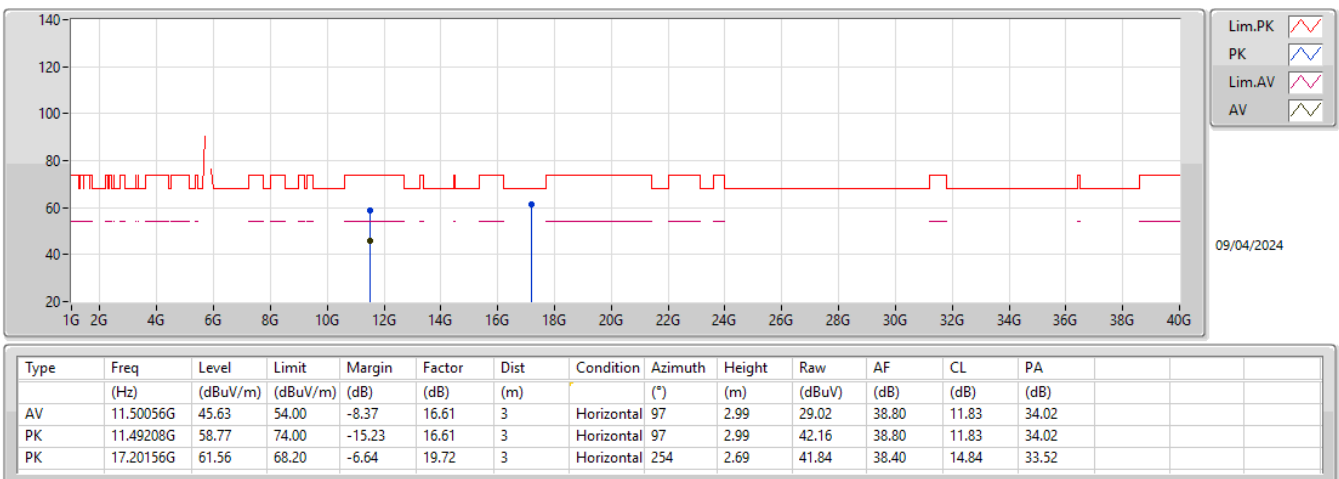
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



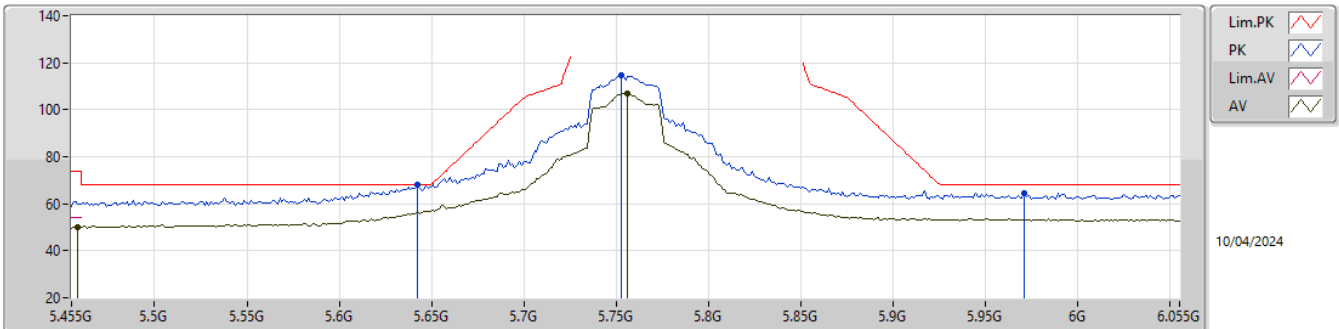
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



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

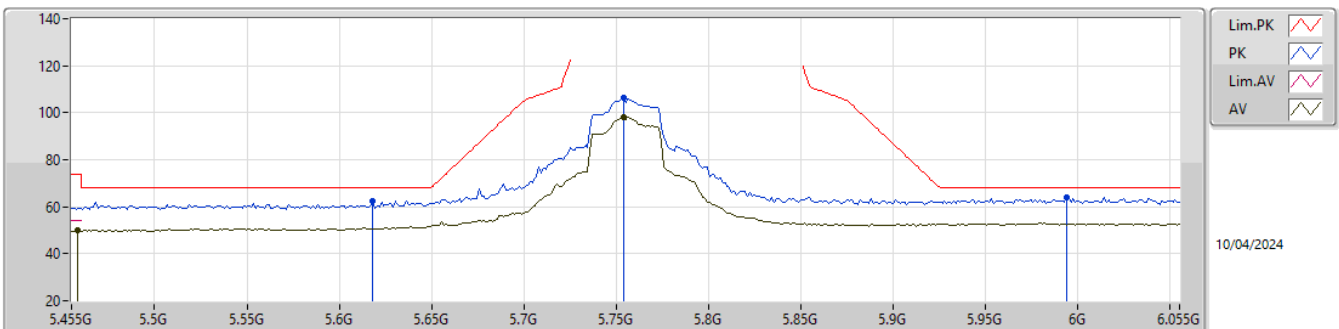
5755MHz_TX



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	50.08	54.00	-3.92	7.07	3	Vertical	313	2.21	43.01	32.70	8.27	33.90				
AV	5.7562G	106.84	Inf	-Inf	8.08	3	Vertical	313	2.21	98.76	33.54	8.51	33.97				
PK	5.6422G	67.89	68.20	-0.31	7.42	3	Vertical	313	2.21	60.47	32.97	8.39	33.94				
PK	5.7526G	114.66	Inf	-Inf	8.05	3	Vertical	313	2.21	106.61	33.52	8.50	33.97				
PK	5.971G	64.69	68.20	-3.51	8.76	3	Vertical	313	2.21	55.93	34.17	8.63	34.04				

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

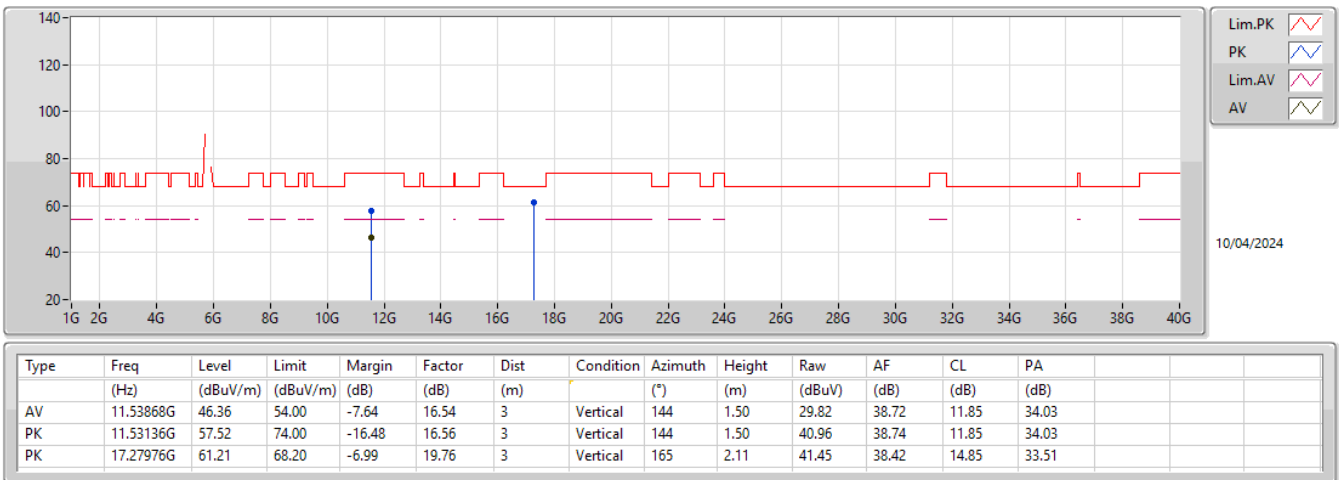
5755MHz_TX



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	49.90	54.00	-4.10	7.07	3	Horizontal	284	1.00	42.83	32.70	8.27	33.90				
AV	5.7538G	98.01	Inf	-Inf	8.05	3	Horizontal	284	1.00	89.96	33.52	8.50	33.97				
PK	5.6182G	62.45	68.20	-5.75	7.31	3	Horizontal	284	1.00	55.14	32.87	8.37	33.93				
PK	5.7538G	106.26	Inf	-Inf	8.05	3	Horizontal	284	1.00	98.21	33.52	8.50	33.97				
PK	5.9938G	63.90	68.20	-4.30	8.63	3	Horizontal	284	1.00	55.27	34.04	8.64	34.05				

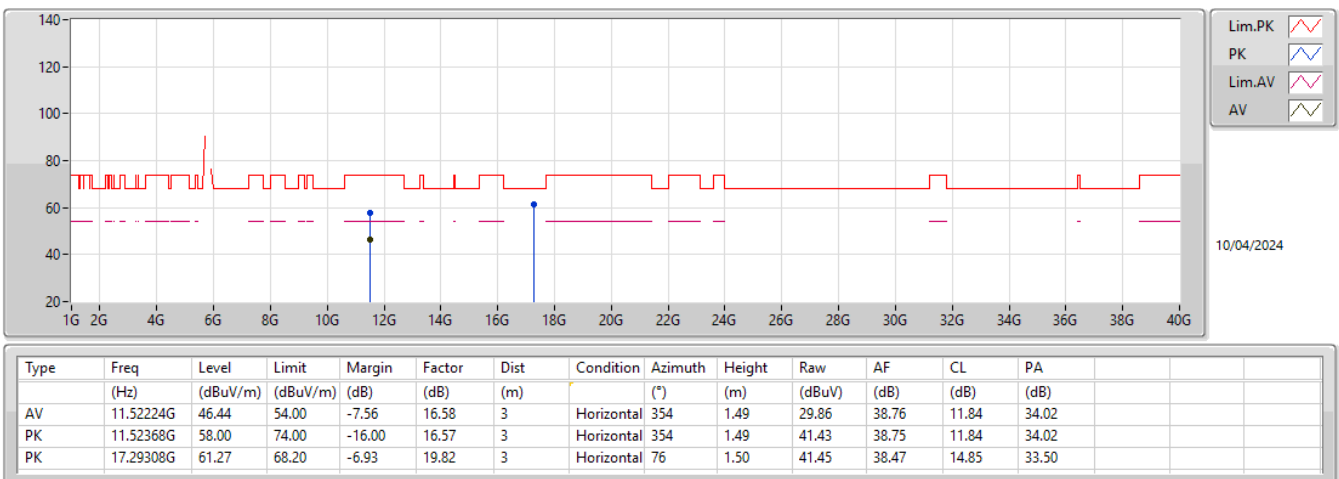
5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5755MHz_TX



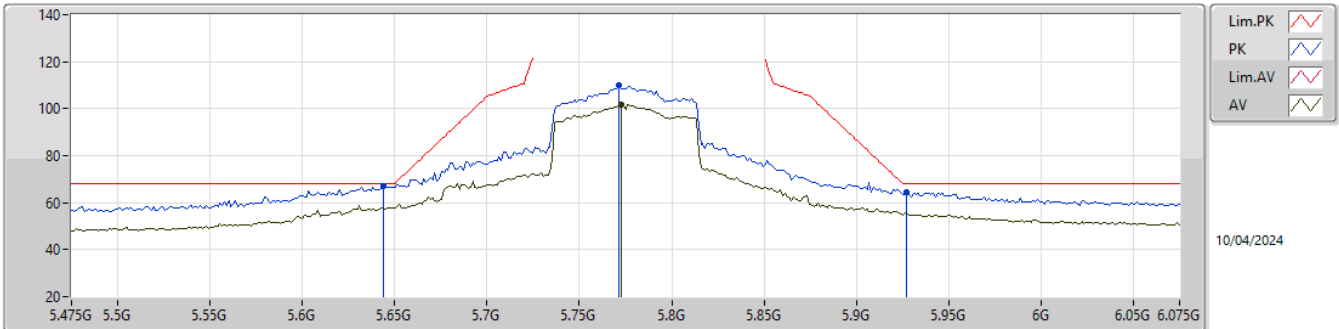
5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5755MHz_TX



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

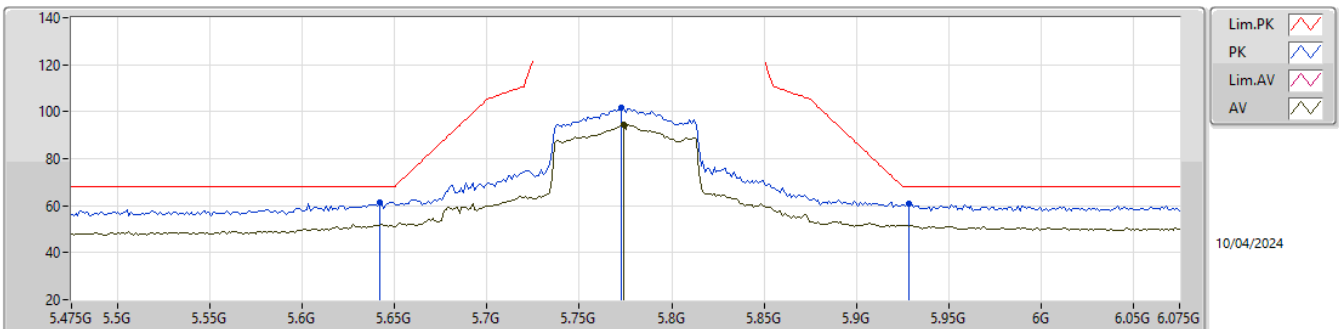
5775MHz_TX



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	5.7726G	101.85	Inf	-Inf	8.18	3	Vertical	301	2.14	93.67	33.64	8.52	33.98
PK	5.6442G	67.22	68.20	-0.98	7.43	3	Vertical	301	2.14	59.79	32.98	8.39	33.94
PK	5.7714G	110.03	Inf	-Inf	8.17	3	Vertical	301	2.14	101.86	33.63	8.52	33.98
PK	5.9274G	64.29	68.20	-3.91	8.74	3	Vertical	301	2.14	55.55	34.16	8.61	34.03

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

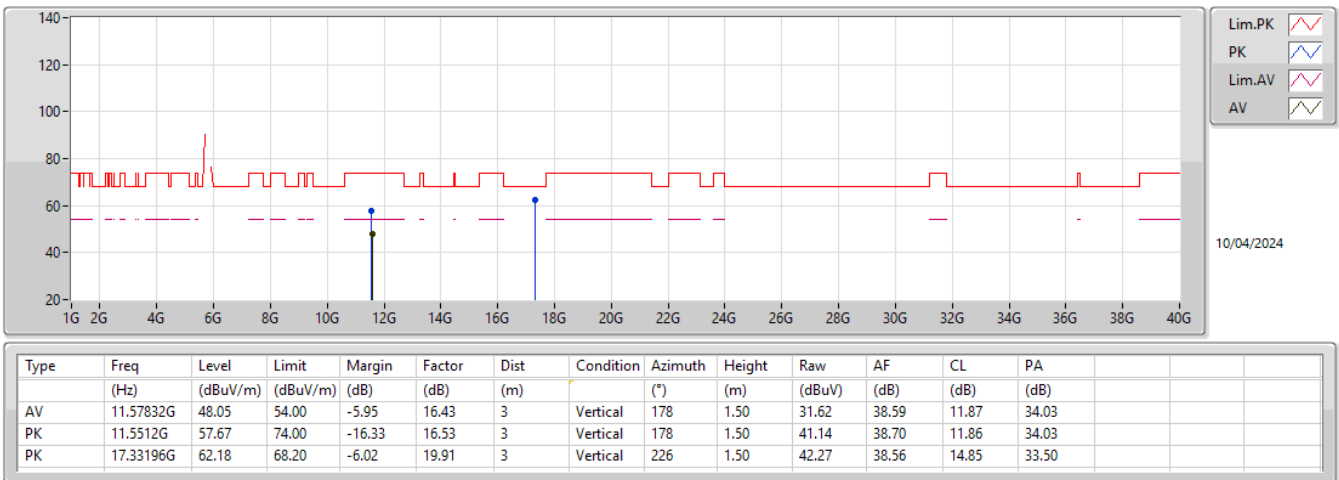
5775MHz_TX



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	94.35	Inf	-Inf	8.18	3	Horizontal	287	1.09	86.17	33.64	8.52	33.98
PK	5.6418G	61.43	68.20	-6.77	7.42	3	Horizontal	287	1.09	54.01	32.97	8.39	33.94
PK	5.7726G	101.61	Inf	-Inf	8.18	3	Horizontal	287	1.09	93.43	33.64	8.52	33.98
PK	5.9286G	60.95	68.20	-7.25	8.75	3	Horizontal	287	1.09	52.20	34.17	8.61	34.03

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

5775MHz_TX



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

5775MHz_TX

