

FCC Radio Test Report

FCC ID : WIYS1F4CT001
Equipment : POS Terminal
Brand Name :  **CASTLES**
TECHNOLOGY
Model Name : S1F4CT
Applicant : CASTLES TECHNOLOGY CO., LTD.
6F, NO. 207-5, SEC. 3, BEIXIN RD., XINDIAN DISTRICT,
NEW TAIPEI CITY 231030, TAIWAN (R.O.C.)
Manufacturer : CASTLES TECHNOLOGY CO., LTD.
6F, NO. 207-5, SEC. 3, BEIXIN RD., XINDIAN DISTRICT,
NEW TAIPEI CITY 231030, TAIWAN (R.O.C.)
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 13, 2026, and testing was started from Aug. 14, 2026 and completed on Aug. 22, 2026. 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 C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 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.)



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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: Sam Tsai

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]
5470-5725		5500-5700	100-140 [8]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [3]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530	106 [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
5.47-5.725GHz	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
5.47-5.725GHz	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
5.47-5.725GHz	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
5.47-5.725GHz	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	Ant. Type	Connector	Support	Radio
1	Shenzhen RuiDe	SP8566A-WCN	PIFA	I-Pex	2.4G+5G+BT	Radio 1

Ant.	Port	Gain (dBi)					
		2.4G	5G				BT
			UNII-1	UNII-2A	UNII-2C	UNII-3	
1	1	-2.01	-2.05	-2.2	-2.81	-3.26	-2.01

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 BT function:

For IEEE 802.15.1 Bluetooth 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.



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
Weather Band	☐	With 5600~5650MHz	☒	Without 5600~5650MHz
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)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.971	0.13	1.397m	1k
802.11ac VHT20_Nss1,(MCS0)_1TX	0.969	0.14	1.316m	1k
802.11ac VHT40_Nss 1, (MCS0)_1TX	0.941	0.26	656.25u	2k
802.11ac VHT80_Nss 1, (MCS0)_1TX	0.888	0.52	328.125u	5k

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

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 C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
- ♦ 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	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)		
	(TAF: 3785)	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	CON04-HY	Wayne Chiu	20.5~21.8°C / 56~59%	18/Aug/2026
RF Conducted	TH07-HY	Xun Hsieh	23.5~24.0°C / 52~55%	21/Aug/2026~22/Aug/2026
Radiated	03CH03-HY	Simon Cheng	22.5~23.1°C / 51~52%	14/Aug/2026~20/Aug/2026
☐	Wen 33rd.St.	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
	(TAF: 3785)	TEL: 886-3-318-0787	FAX: 886-3-318-0287	
		Test site Designation No. TW0036 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	3.24 dB	Confidence levels of 95%
Conducted Output Power	1.12 dB	Confidence levels of 95%
Bandwidth	0.07 MHz	Confidence levels of 95%
Conducted Emission	1.12 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	1.76 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.38 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	4.94 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	4.92 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	N/A
-----------------------	-----

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	20
5200MHz	18.5
5240MHz	21.5
5260MHz	21.5
5300MHz	21
5320MHz	20.5
5500MHz	19
5580MHz	19.5
5700MHz	17.5
5745MHz	22.5
5785MHz	23
5825MHz	22.5
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5180MHz	19
5200MHz	18.5
5240MHz	21.5
5260MHz	21
5300MHz	20.5
5320MHz	20
5500MHz	18.5
5580MHz	20.5
5700MHz	17.5
5745MHz	22.5
5785MHz	23
5825MHz	23
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5190MHz	17.5
5230MHz	20
5270MHz	20



Mode	Power Setting
5310MHz	17.5
5510MHz	16.5
5550MHz	20.5
5670MHz	17
5755MHz	21.5
5795MHz	22.5
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5210MHz	16
5290MHz	16.5
5530MHz	16
5775MHz	20

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

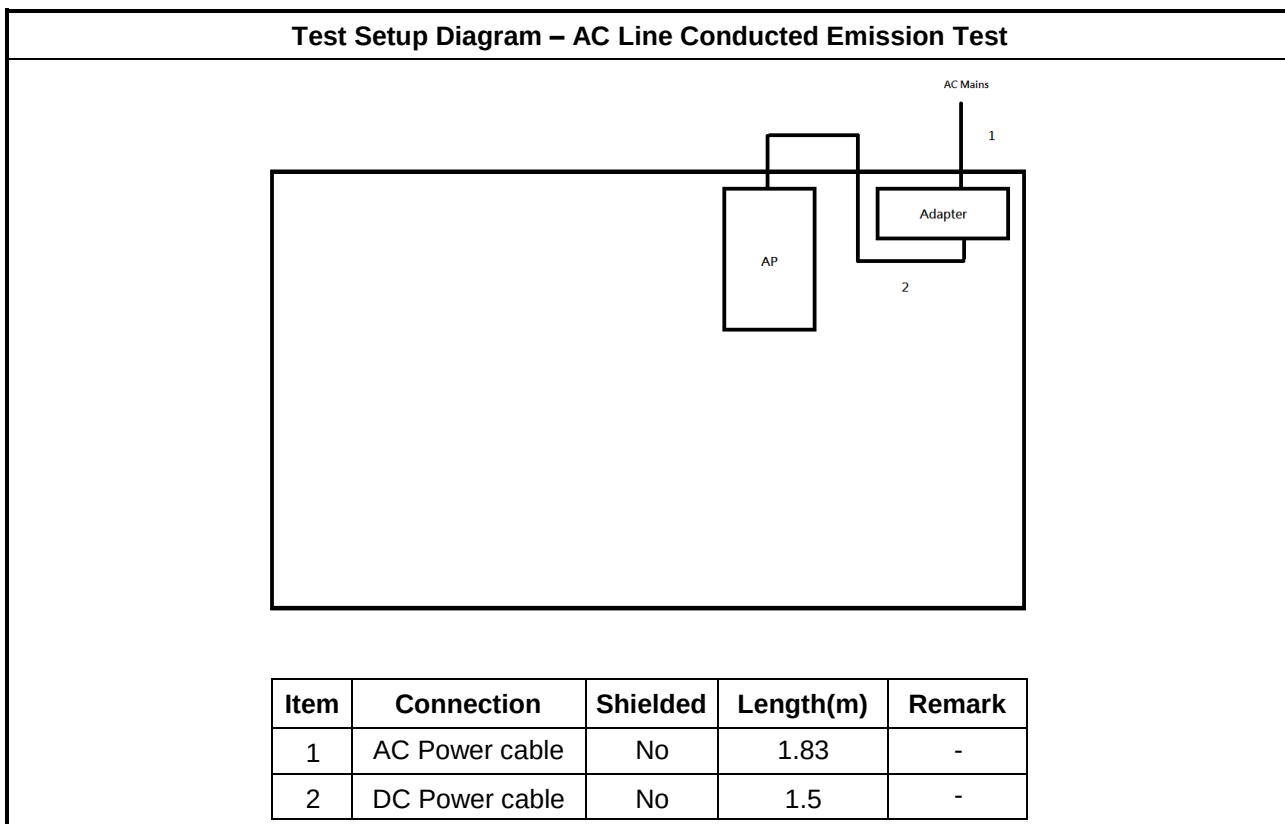
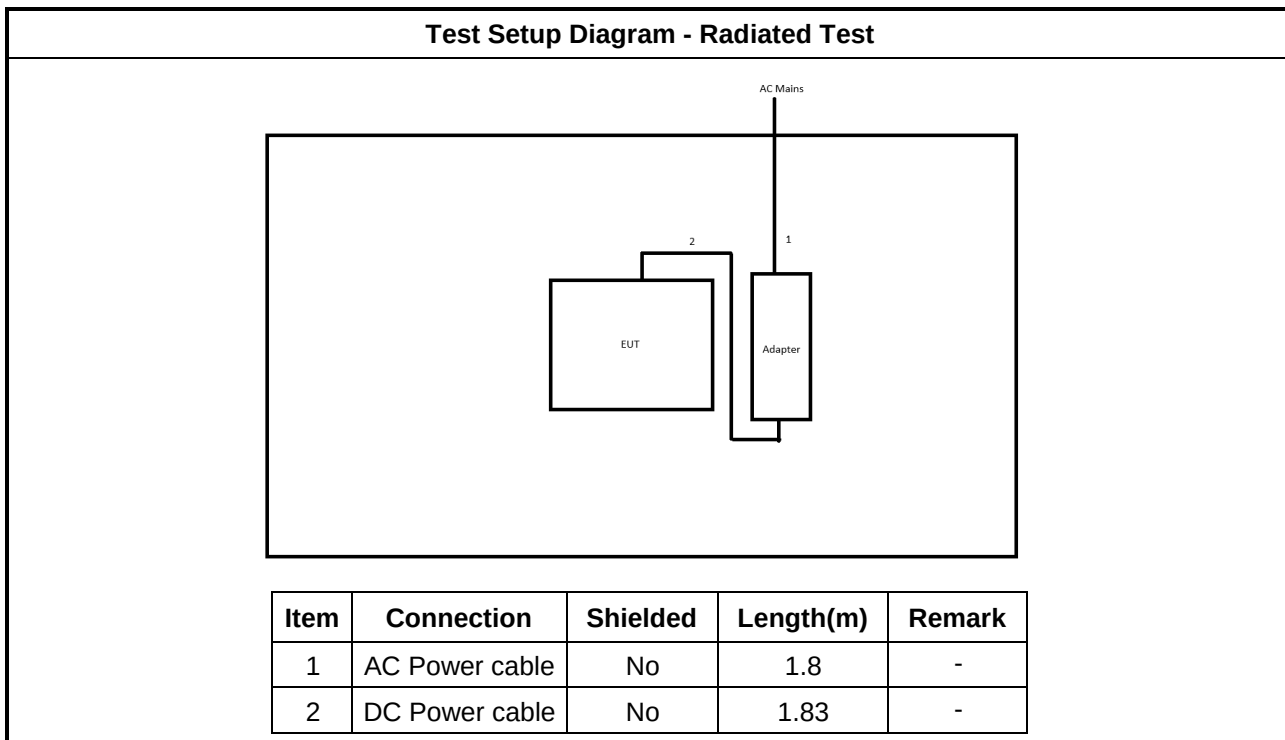
The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest 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	Z Plane
			
Worst Planes of EUT	V		

2.3 Accessories

Accessories				
AC Adapter	Brand Name	CASTLES TECHNOLOGY	Model Name	PW04-945A
	Power Rating	I/P: 100 - 240 Vac, 1 A, O/P: 9 Vdc, 4.5 A		
	Power Cord	1.83 meter, non-shielded cable, w/o ferrite core		

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

2.4 Test Setup Diagram



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

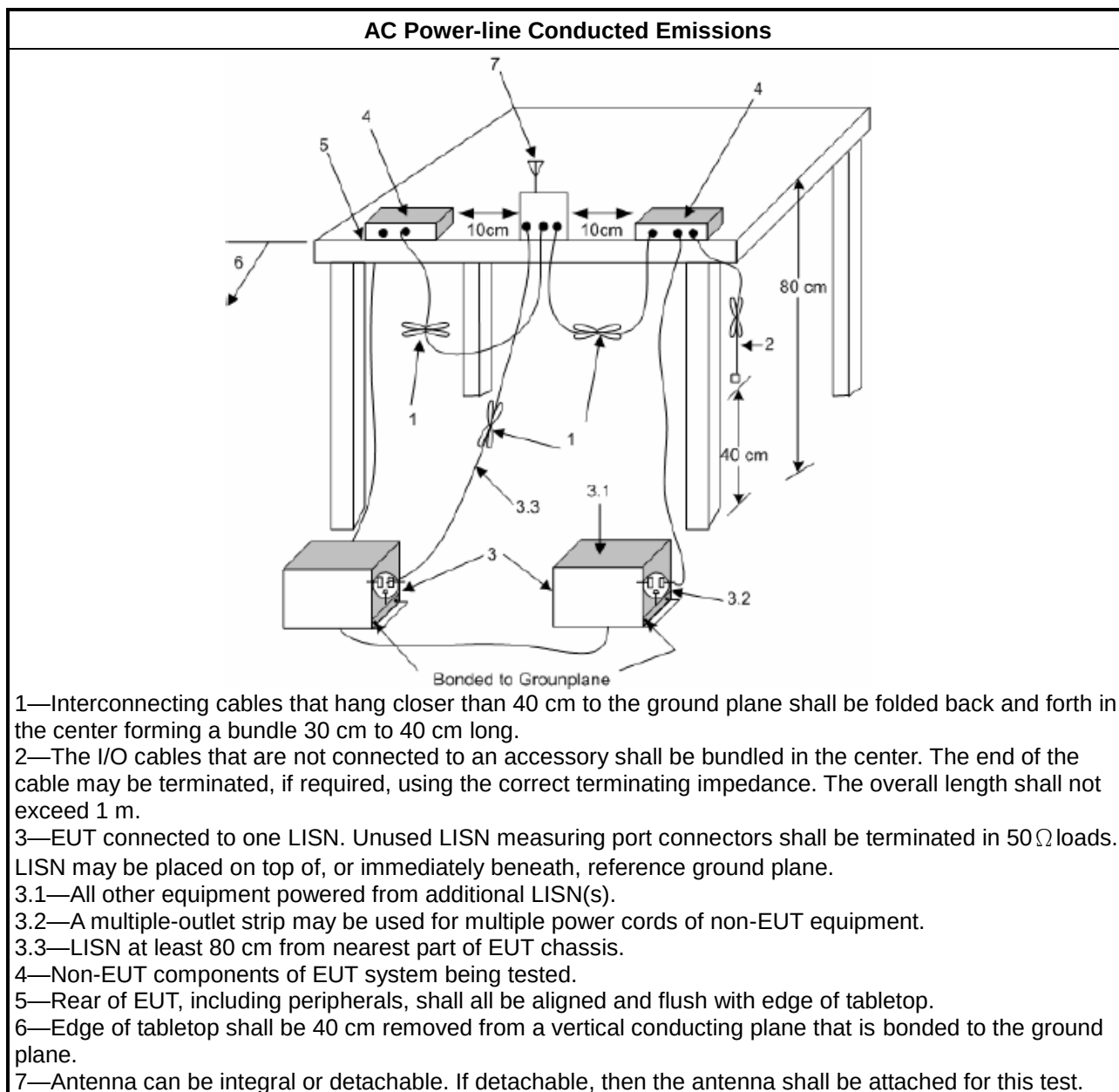
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

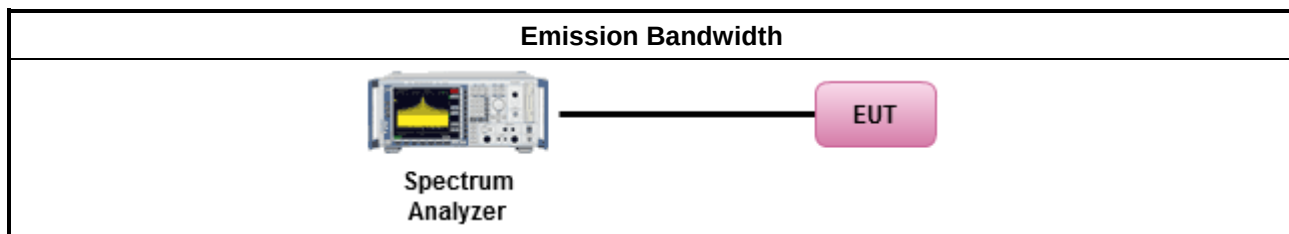
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> 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:
	<ul style="list-style-type: none"> Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	<ul style="list-style-type: none"> Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	<ul style="list-style-type: none"> Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
	<ul style="list-style-type: none"> 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:
	<ul style="list-style-type: none"> Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
	<ul style="list-style-type: none"> 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.	

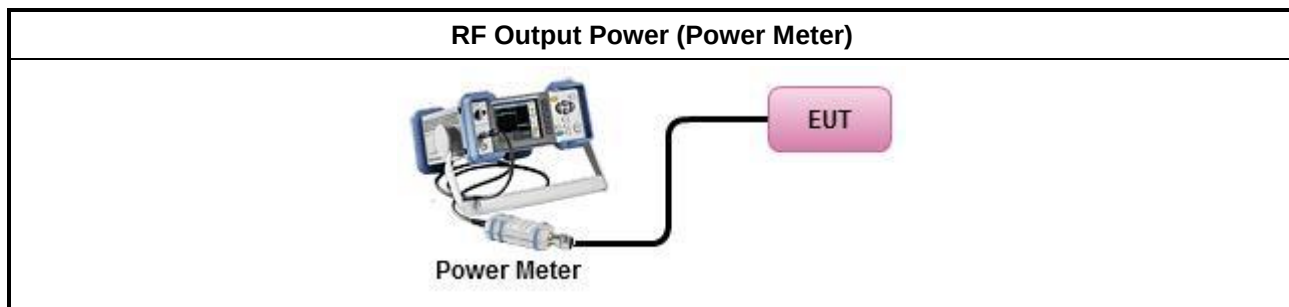
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> 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).
<ul style="list-style-type: none"> For conducted measurement. 	
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	<ul style="list-style-type: none"> Outdoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
☐	<ul style="list-style-type: none"> Indoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
☐	<ul style="list-style-type: none"> Point-to-point AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
☐	<ul style="list-style-type: none"> 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:
☐	<ul style="list-style-type: none"> Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
☐	<ul style="list-style-type: none"> 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

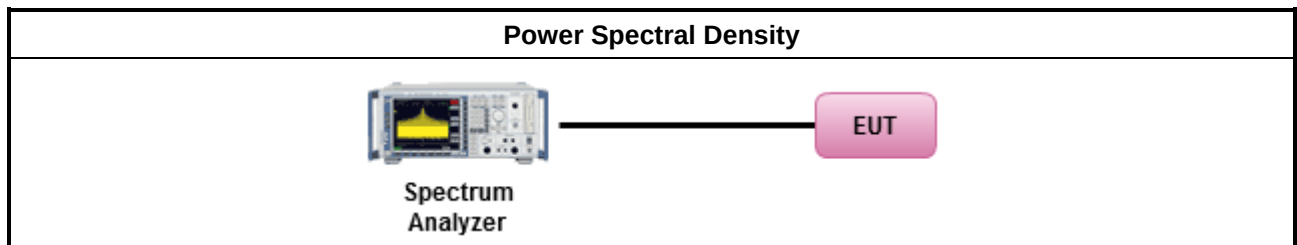
Refer a test equipment and calibration data table in this test report.

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 $\geq 98\%$
☐	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)
☐	For conducted measurement.

Test Method		
	<ul style="list-style-type: none">▪ If the EUT supports multiple transmit chains using options given below:<table><tr><td><ul style="list-style-type: none">▪ 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.</td></tr></table>▪ 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]) $EIRP_{total} = PPSD_{total} + DG$	<ul style="list-style-type: none">▪ 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.
<ul style="list-style-type: none">▪ 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.		

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

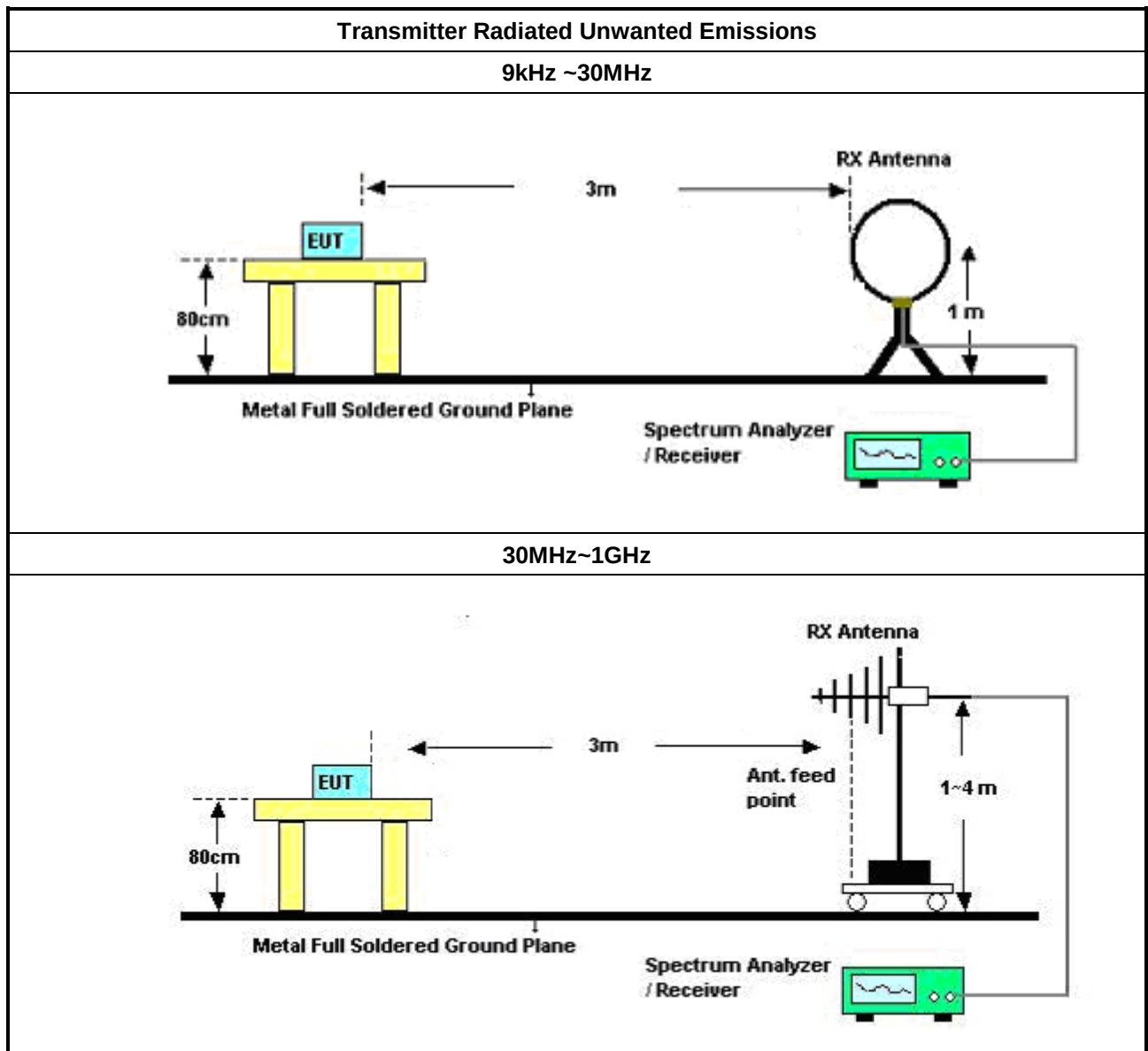
Test Method	
<ul style="list-style-type: none"> Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance 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). 	
<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor]. 	
<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> 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 4.1.5.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.5.2.2), measurement procedure peak limit.
<ul style="list-style-type: none"> For radiated measurement. 	
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	
<ul style="list-style-type: none"> Use the following spectrum analyzer settings: 	
	<ul style="list-style-type: none"> Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
<ul style="list-style-type: none"> KDB 414788 Open-Field Test Sites and Chamber Correlation Justification. 	
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

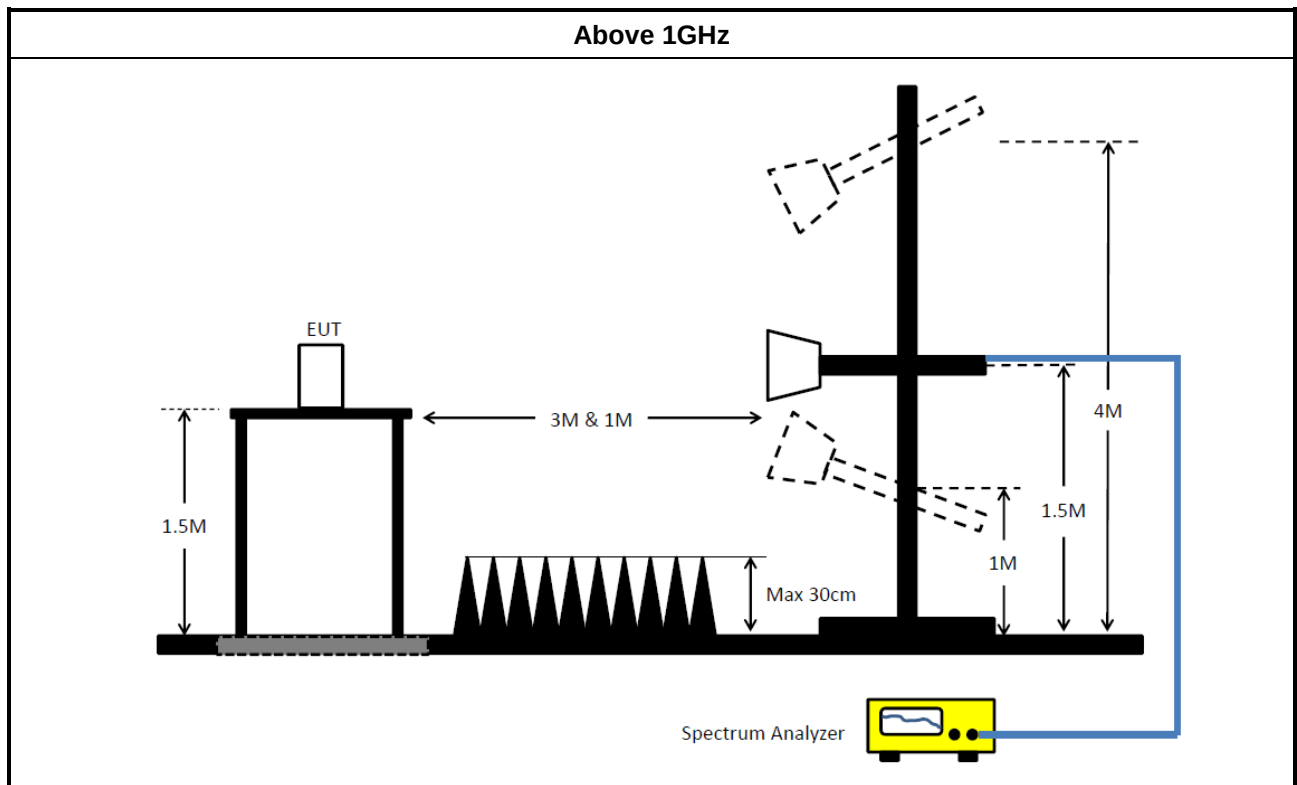
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 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	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	05/Jun/2026	04/Jun/2027
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	25/Feb/2026	24/Feb/2027
Pulse Limiter	SCHWARZBECK	VTSD 9561F-F	9561-F041	9kHz ~ 30MHz	27/Oct/2025	26/Oct/2026
SENSE-EMI	Sporton	V5.11.6	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2025	29/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	26/Mar/2026	25/Mar/2027
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	26/Mar/2026	25/Mar/2027
SENSE-15407_NII	Sporton	V5.11.28a	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	12/Jul/2026	11/Jul/2027
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	12/Jul/2026	11/Jul/2027
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	14/May/2026	13/May/2027
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101748	10Hz~44GHz	30/Apr/2026	29/Apr/2027
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	11/Oct/2025	10/Oct/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	28/Oct/2025	27/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	29/Jun/2026	28/Jun/2027
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	9kHz~1GHz	09/Jun/2026	08/Jun/2027
RF CABLE 5+8m	HUBER+ SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	18/May/2026	17/May/2027
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	12/Sep/2025	11/Sep/2026
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	22/Jul/2026	21/Jul/2027
Amplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	20/May/2026	19/May/2027
SENSE-15407_NII	Sporton	V5.11.27	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

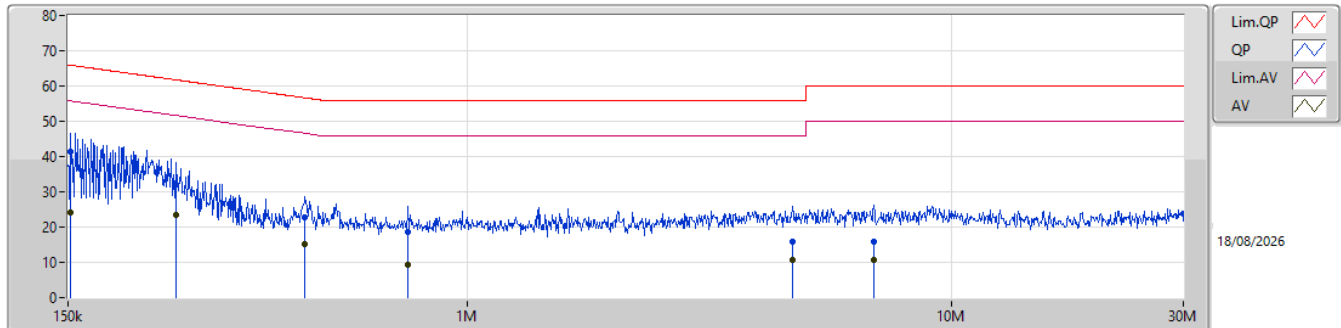
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.81k	41.51	65.90	-24.39	Line

Result

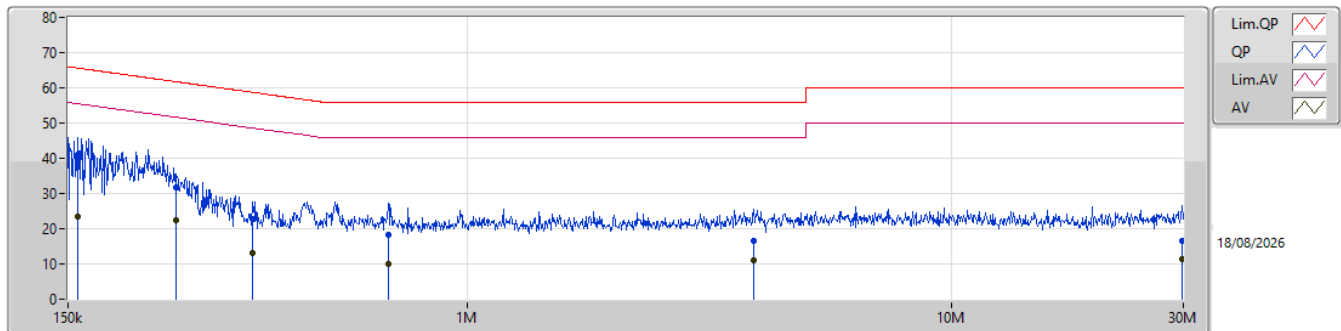
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.81k	41.51	65.90	-24.39	Line
Mode 1	Pass	AV	151.81k	24.26	55.90	-31.64	Line
Mode 1	Pass	QP	250.04k	31.99	61.76	-29.77	Line
Mode 1	Pass	AV	250.04k	23.57	51.76	-28.19	Line
Mode 1	Pass	QP	462.38k	22.88	56.65	-33.77	Line
Mode 1	Pass	AV	462.38k	15.22	46.65	-31.43	Line
Mode 1	Pass	QP	755.52k	18.68	56.00	-37.32	Line
Mode 1	Pass	AV	755.52k	9.31	46.00	-36.69	Line
Mode 1	Pass	QP	4.68M	15.78	56.00	-40.22	Line
Mode 1	Pass	AV	4.68M	10.62	46.00	-35.38	Line
Mode 1	Pass	QP	6.9M	15.84	60.00	-44.16	Line
Mode 1	Pass	AV	6.9M	10.78	50.00	-39.22	Line
Mode 1	Pass	QP	156.73k	40.97	65.64	-24.67	Neutral
Mode 1	Pass	AV	156.73k	23.29	55.64	-32.35	Neutral
Mode 1	Pass	QP	251.04k	31.63	61.72	-30.09	Neutral
Mode 1	Pass	AV	251.04k	22.49	51.72	-29.23	Neutral
Mode 1	Pass	QP	359.56k	22.65	58.73	-36.08	Neutral
Mode 1	Pass	AV	359.56k	13.26	48.73	-35.47	Neutral
Mode 1	Pass	QP	686.49k	18.19	56.00	-37.81	Neutral
Mode 1	Pass	AV	686.49k	10.09	46.00	-35.91	Neutral
Mode 1	Pass	QP	3.9M	16.38	56.00	-39.62	Neutral
Mode 1	Pass	AV	3.9M	10.94	46.00	-35.06	Neutral
Mode 1	Pass	QP	29.85M	16.58	60.00	-43.42	Neutral
Mode 1	Pass	AV	29.85M	11.45	50.00	-38.55	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	151.81k	41.51	65.90	-24.39	19.79	Line	21.72	9.64	0.17	9.98								
AV	151.81k	24.26	55.90	-31.64	19.79	Line	4.47	9.64	0.17	9.98								
QP	250.04k	31.99	61.76	-29.77	19.77	Line	12.22	9.64	0.12	10.01								
AV	250.04k	23.57	51.76	-28.19	19.77	Line	3.80	9.64	0.12	10.01								
QP	462.38k	22.88	56.65	-33.77	19.74	Line	3.14	9.63	0.10	10.01								
AV	462.38k	15.22	46.65	-31.43	19.74	Line	-4.52	9.63	0.10	10.01								
QP	755.52k	18.68	56.00	-37.32	19.78	Line	-1.10	9.64	0.08	10.06								
AV	755.52k	9.31	46.00	-36.69	19.78	Line	-10.47	9.64	0.08	10.06								
QP	4.68M	15.78	56.00	-40.22	19.85	Line	-4.07	9.67	0.15	10.03								
AV	4.68M	10.62	46.00	-35.38	19.85	Line	-9.23	9.67	0.15	10.03								
QP	6.9M	15.84	60.00	-44.16	19.86	Line	-4.02	9.68	0.20	9.98								
AV	6.9M	10.78	50.00	-39.22	19.86	Line	-9.08	9.68	0.20	9.98								

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	156.73k	40.97	65.64	-24.67	19.80	Neutral	21.17	9.64	0.17	9.99								
AV	156.73k	23.29	55.64	-32.35	19.80	Neutral	3.49	9.64	0.17	9.99								
QP	251.04k	31.63	61.72	-30.09	19.76	Neutral	11.87	9.63	0.12	10.01								
AV	251.04k	22.49	51.72	-29.23	19.76	Neutral	2.73	9.63	0.12	10.01								
QP	359.56k	22.65	58.73	-36.08	19.73	Neutral	2.92	9.63	0.10	10.00								
AV	359.56k	13.26	48.73	-35.47	19.73	Neutral	-6.47	9.63	0.10	10.00								
QP	686.49k	18.19	56.00	-37.81	19.77	Neutral	-1.58	9.64	0.08	10.05								
AV	686.49k	10.09	46.00	-35.91	19.77	Neutral	-9.68	9.64	0.08	10.05								
QP	3.9M	16.38	56.00	-39.62	19.84	Neutral	-3.46	9.66	0.13	10.05								
AV	3.9M	10.94	46.00	-35.06	19.84	Neutral	-8.90	9.66	0.13	10.05								
QP	29.85M	16.58	60.00	-43.42	20.04	Neutral	-3.46	9.67	0.32	10.05								
AV	29.85M	11.45	50.00	-38.55	20.04	Neutral	-8.59	9.67	0.32	10.05								

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	34.705M	18.725M	18M7D1D	28.05M	16.851M
802.11ac VHT20_Nss1,(MCS0)_1TX	34.1M	19.605M	19M6D1D	27.06M	17.773M
802.11ac VHT40_Nss1,(MCS0)_1TX	63.36M	37.313M	37M3D1D	46.2M	36.197M
802.11ac VHT80_Nss1,(MCS0)_1TX	80.08M	75.245M	75M2D1D	80.08M	75.245M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	33.495M	19.37M	19M4D1D	31.35M	17.562M
802.11ac VHT20_Nss1,(MCS0)_1TX	33.165M	18.903M	18M9D1D	32.505M	17.959M
802.11ac VHT40_Nss1,(MCS0)_1TX	74.03M	37.23M	37M2D1D	46.64M	36.299M
802.11ac VHT80_Nss1,(MCS0)_1TX	80.74M	75.457M	75M5D1D	80.74M	75.457M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	30.03M	17.213M	17M2D1D	22.44M	16.694M
802.11ac VHT20_Nss1,(MCS0)_1TX	37.455M	18.692M	18M7D1D	20.13M	17.735M
802.11ac VHT40_Nss1,(MCS0)_1TX	74.58M	39.048M	39M0D1D	40.59M	36.166M
802.11ac VHT80_Nss1,(MCS0)_1TX	80.3M	75.339M	75M3D1D	80.3M	75.339M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.005M	29.428M	29M4D1D	14.85M	27.853M
802.11ac VHT20_Nss1,(MCS0)_1TX	16.885M	30.785M	30M8D1D	15.07M	29.215M
802.11ac VHT40_Nss1,(MCS0)_1TX	28.82M	61.255M	61M3D1D	21.34M	57.761M
802.11ac VHT80_Nss1,(MCS0)_1TX	71.28M	77.63M	77M6D1D	71.28M	77.63M

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	30.47M	17.096M
5200MHz	Pass	Inf	28.05M	16.851M
5240MHz	Pass	Inf	34.705M	18.725M
5260MHz	Pass	Inf	31.35M	19.37M
5300MHz	Pass	Inf	31.68M	17.562M
5320MHz	Pass	Inf	33.495M	17.946M
5500MHz	Pass	Inf	30.03M	16.96M
5580MHz	Pass	Inf	27.115M	17.213M
5700MHz	Pass	Inf	22.44M	16.694M
5745MHz	Pass	500k	15.73M	28.309M
5785MHz	Pass	500k	16.005M	29.428M
5825MHz	Pass	500k	14.85M	27.853M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	28.215M	17.773M
5200MHz	Pass	Inf	27.06M	17.928M
5240MHz	Pass	Inf	34.1M	19.605M
5260MHz	Pass	Inf	33.165M	18.903M
5300MHz	Pass	Inf	32.725M	18.263M
5320MHz	Pass	Inf	32.505M	17.959M
5500MHz	Pass	Inf	26.07M	17.873M
5580MHz	Pass	Inf	37.455M	18.692M
5700MHz	Pass	Inf	20.13M	17.735M
5745MHz	Pass	500k	16.61M	30.785M
5785MHz	Pass	500k	15.07M	29.215M
5825MHz	Pass	500k	16.885M	30.076M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	46.2M	36.197M
5230MHz	Pass	Inf	63.36M	37.313M
5270MHz	Pass	Inf	74.03M	37.23M
5310MHz	Pass	Inf	46.64M	36.299M
5510MHz	Pass	Inf	40.59M	36.166M
5550MHz	Pass	Inf	74.58M	39.048M
5670MHz	Pass	Inf	43.01M	36.335M
5755MHz	Pass	500k	21.34M	57.761M
5795MHz	Pass	500k	28.82M	61.255M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	80.08M	75.245M
5290MHz	Pass	Inf	80.74M	75.457M
5530MHz	Pass	Inf	80.3M	75.339M
5775MHz	Pass	500k	71.28M	77.63M

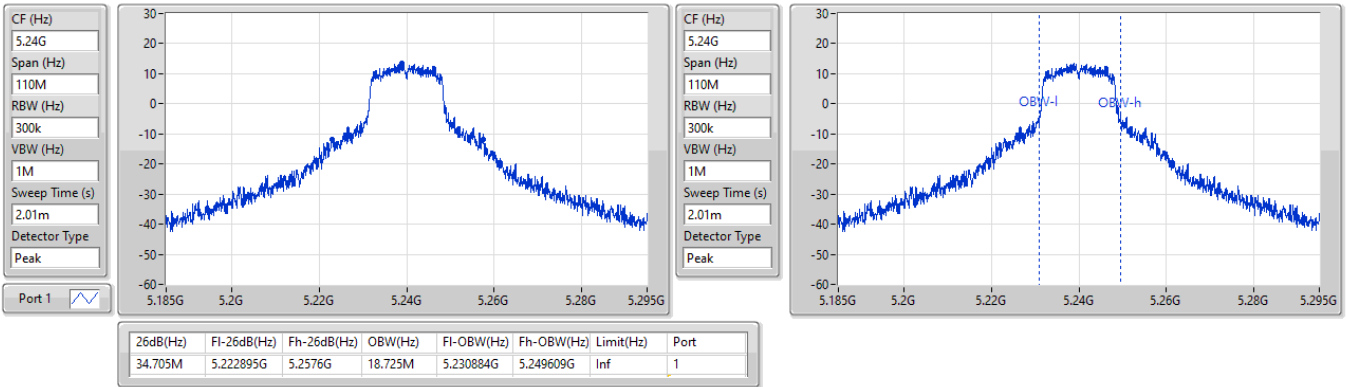
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

21/08/2026

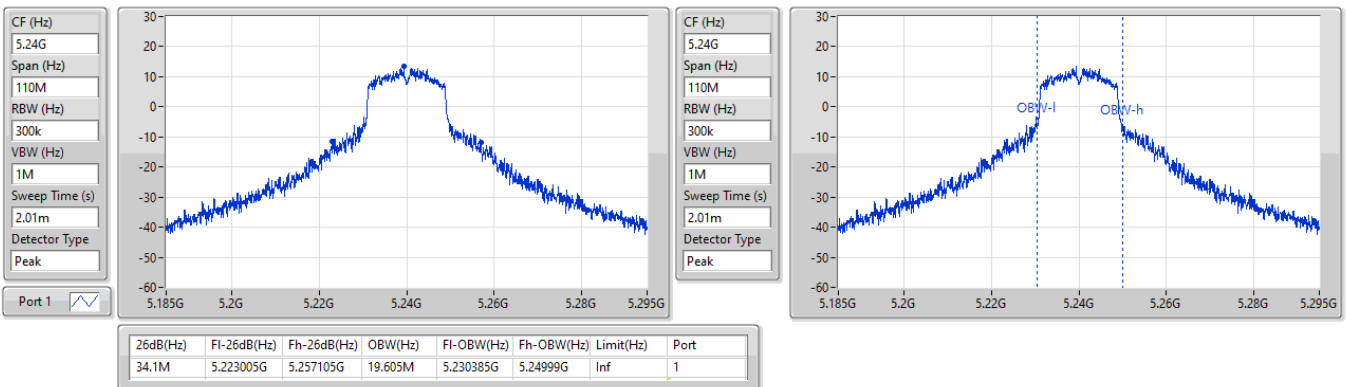


5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

21/08/2026

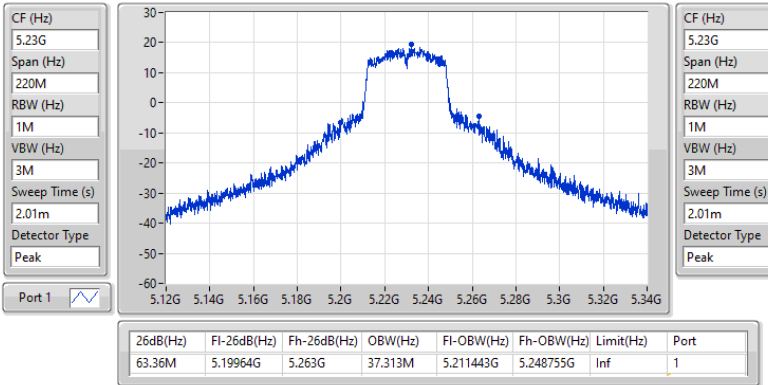
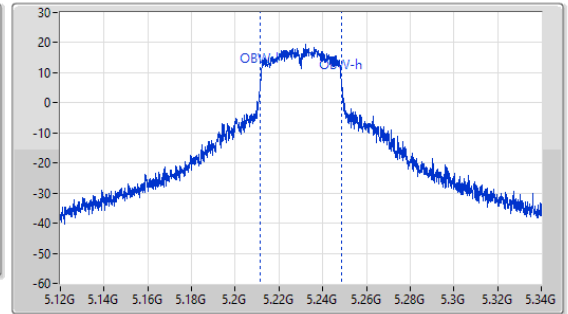


5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

21/08/2026

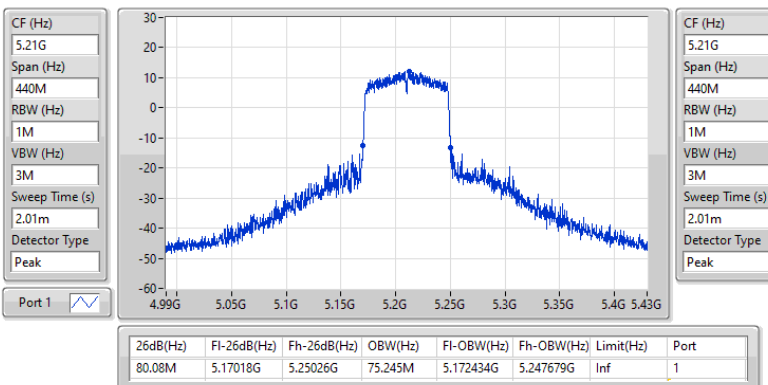
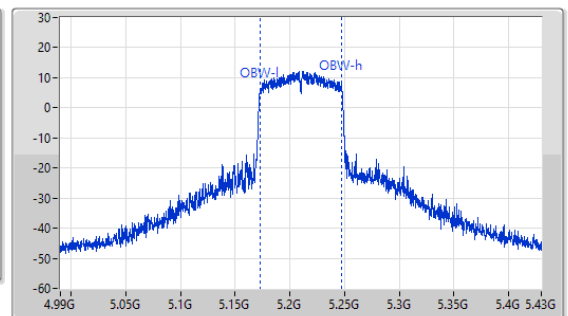


5.15-5.25GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

21/08/2026

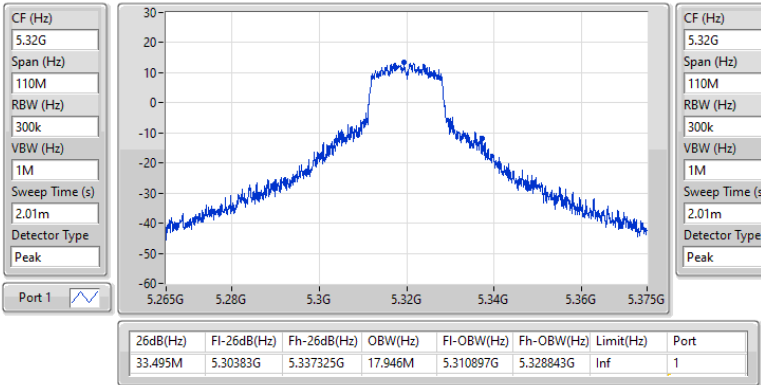
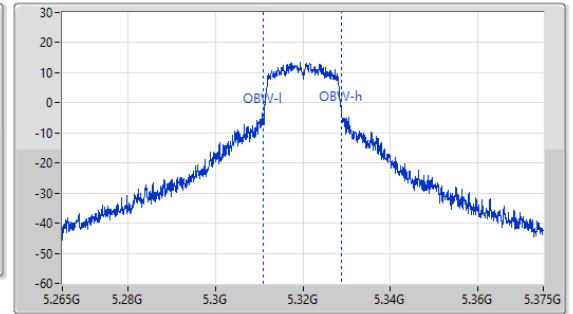


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

21/08/2026

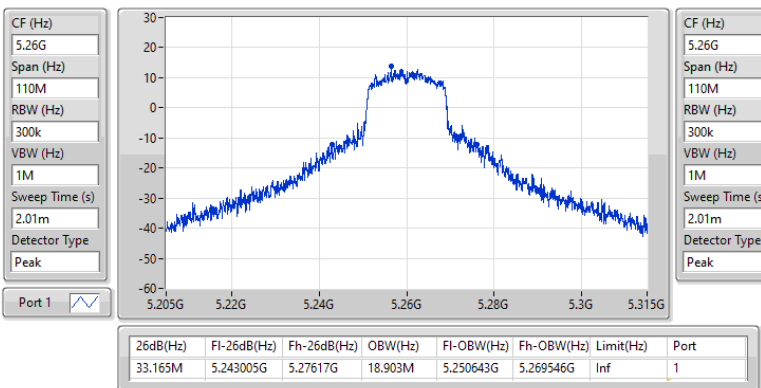
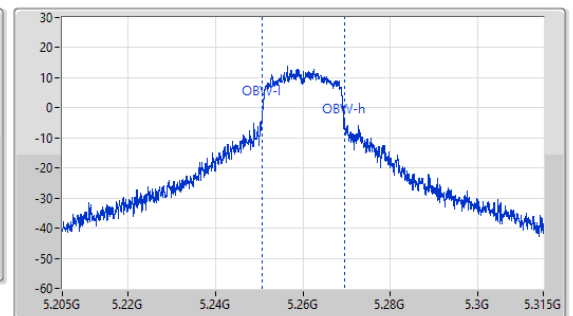


5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

EBW

5260MHz

21/08/2026

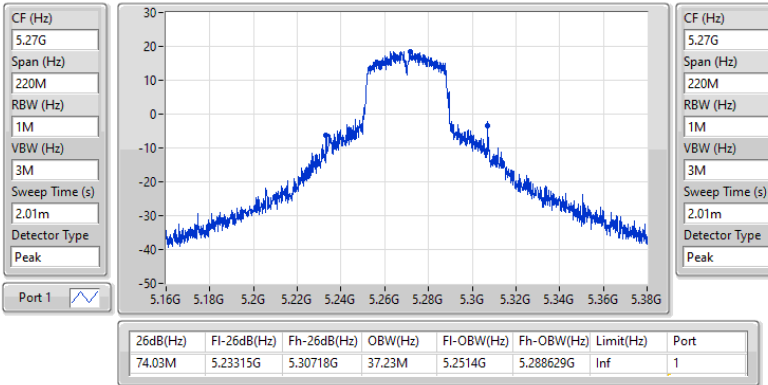
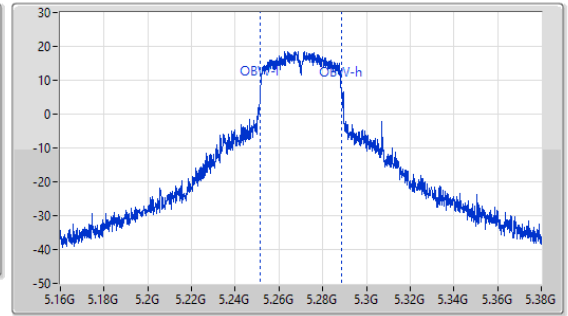


5.25-5.35GHz 802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

21/08/2026

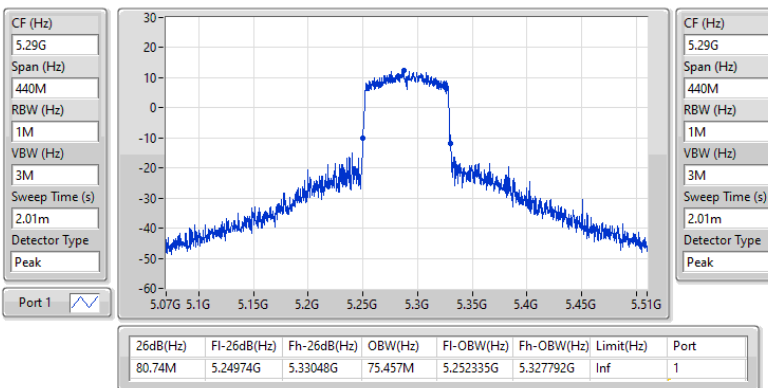
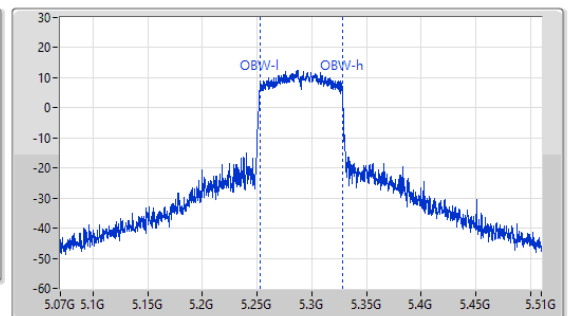


5.25-5.35GHz 802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

21/08/2026

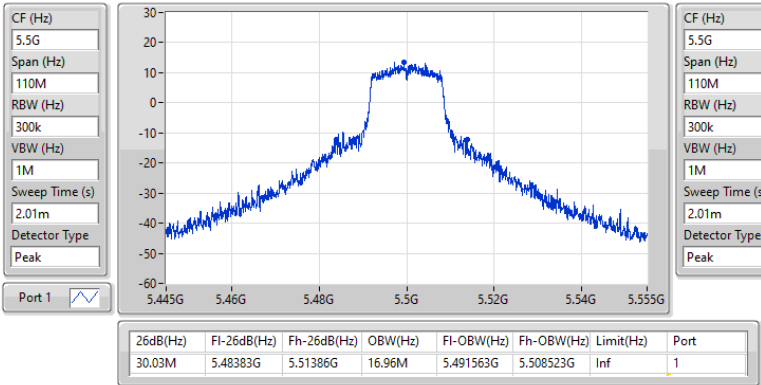
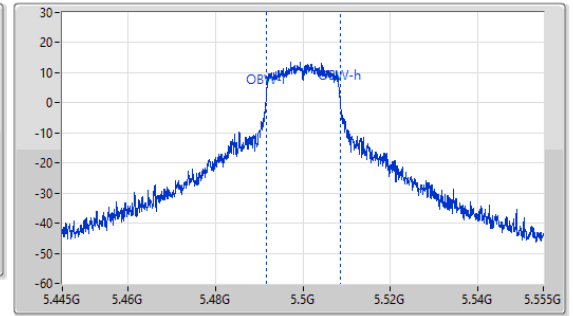


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

21/08/2026

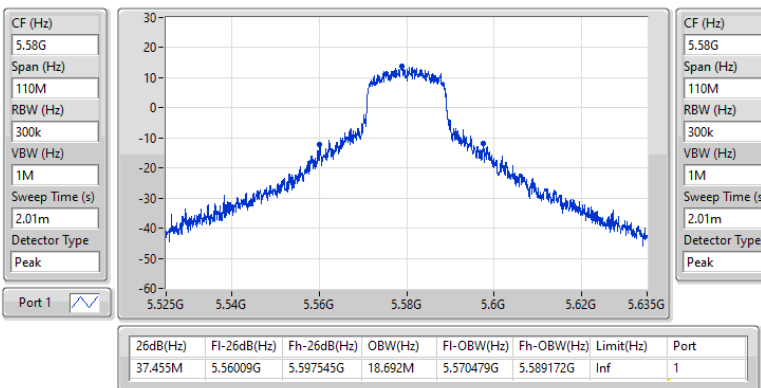
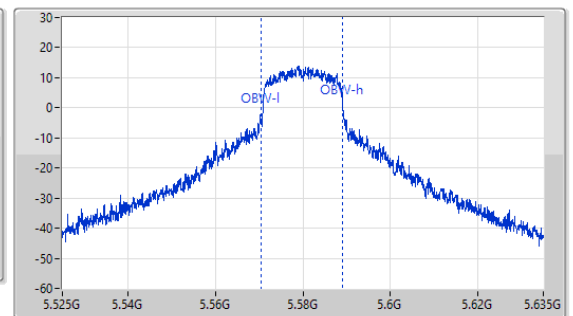


5.47-5.725GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

21/08/2026

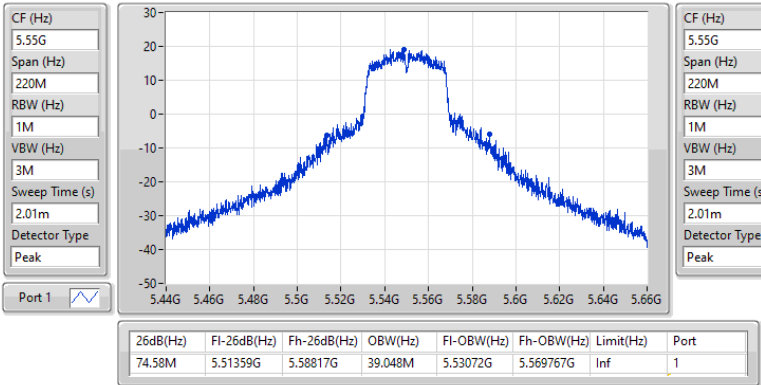
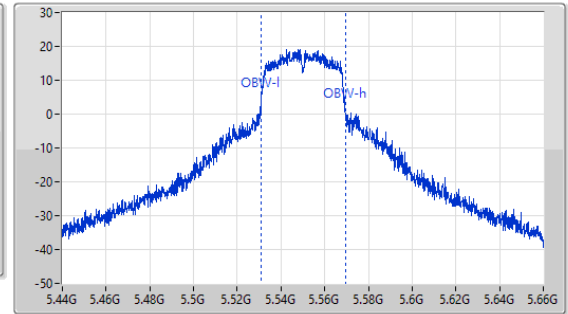


5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5550MHz

21/08/2026

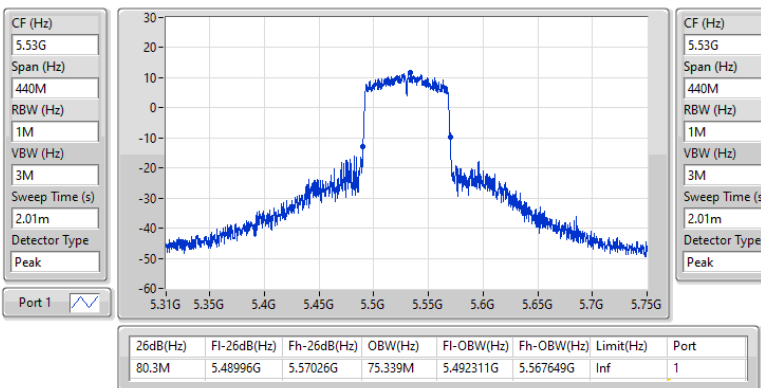
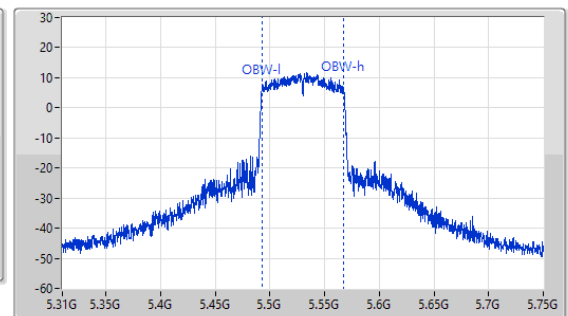


5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5530MHz

21/08/2026

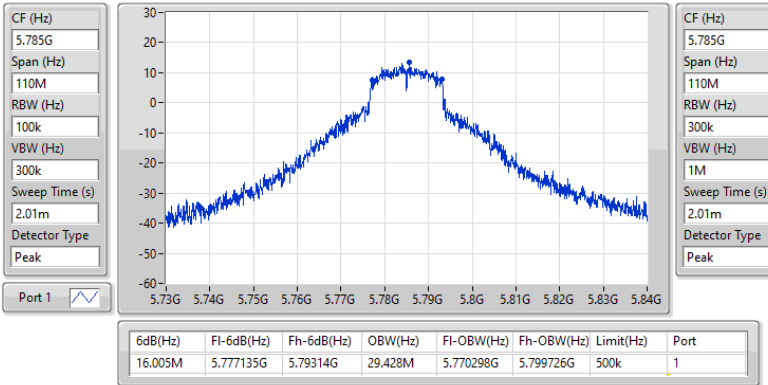
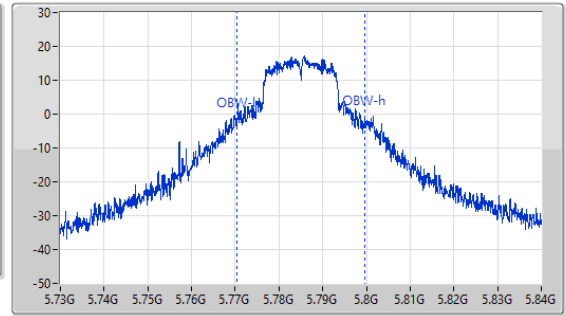


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

21/08/2026

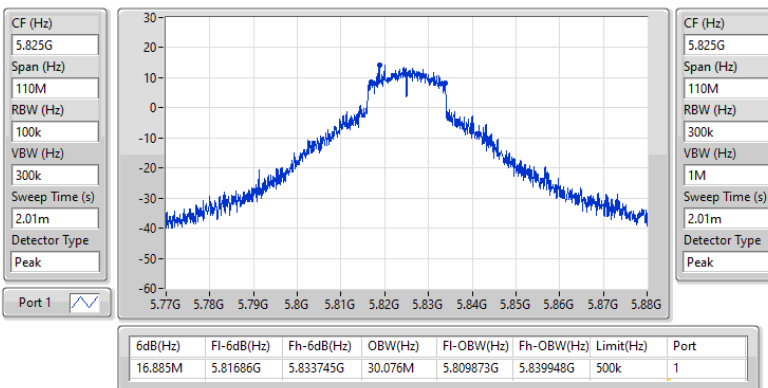
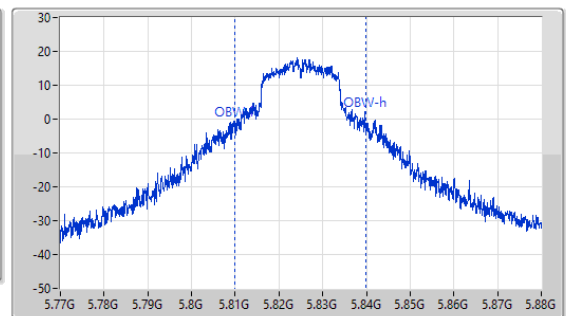


5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

EBW

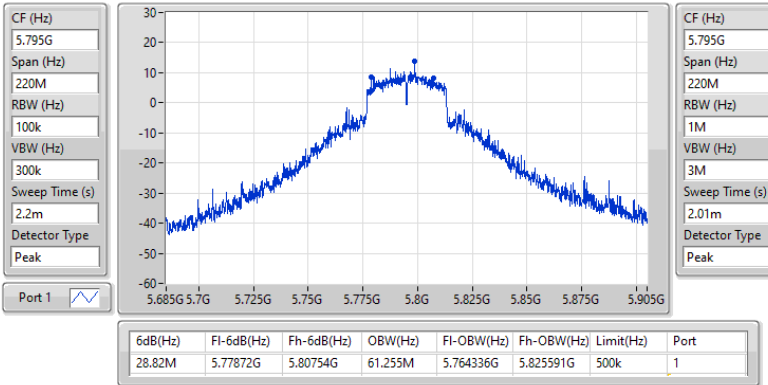
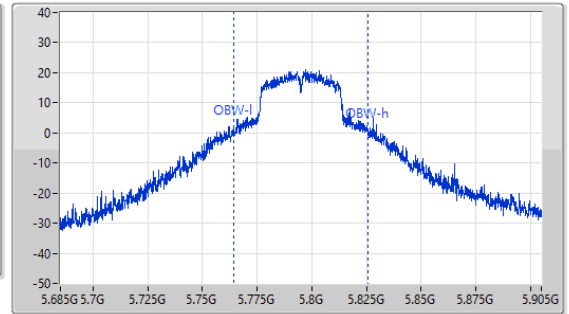
5825MHz

21/08/2026

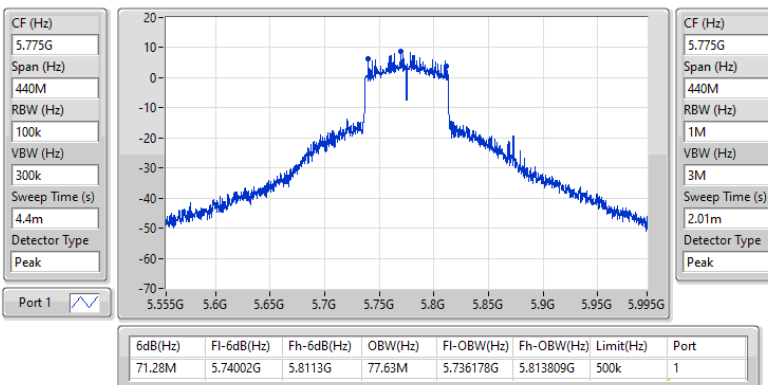
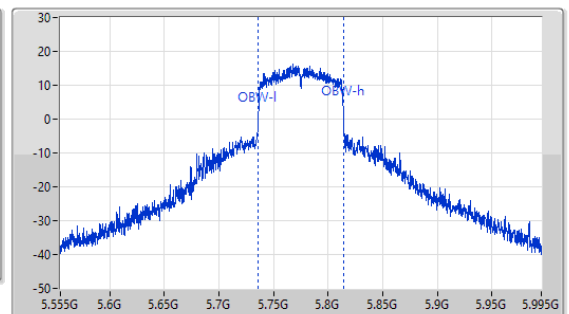


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5795MHz

21/08/2026


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

21/08/2026



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.34	0.17140
802.11ac VHT20_Nss1,(MCS0)_1TX	22.29	0.16943
802.11ac VHT40_Nss1,(MCS0)_1TX	23.68	0.23335
802.11ac VHT80_Nss1,(MCS0)_1TX	20.10	0.10233
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.98	0.15776
802.11ac VHT20_Nss1,(MCS0)_1TX	21.50	0.14125
802.11ac VHT40_Nss1,(MCS0)_1TX	23.76	0.23768
802.11ac VHT80_Nss1,(MCS0)_1TX	20.40	0.10965
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.36	0.13677
802.11ac VHT20_Nss1,(MCS0)_1TX	21.99	0.15812
802.11ac VHT40_Nss1,(MCS0)_1TX	23.82	0.24099
802.11ac VHT80_Nss1,(MCS0)_1TX	19.49	0.08892
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	24.46	0.27925
802.11ac VHT20_Nss1,(MCS0)_1TX	25.93	0.39174
802.11ac VHT40_Nss1,(MCS0)_1TX	25.98	0.39628
802.11ac VHT80_Nss1,(MCS0)_1TX	23.64	0.23121



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	-2.05	20.16	20.16	23.98
5200MHz	Pass	-2.05	22.34	22.34	23.98
5240MHz	Pass	-2.05	21.81	21.81	23.98
5260MHz	Pass	-2.20	21.96	21.96	23.98
5300MHz	Pass	-2.20	21.98	21.98	23.98
5320MHz	Pass	-2.20	21.98	21.98	23.98
5500MHz	Pass	-2.81	21.20	21.20	23.98
5580MHz	Pass	-2.81	21.36	21.36	23.98
5700MHz	Pass	-2.81	19.74	19.74	23.98
5745MHz	Pass	-3.26	24.34	24.34	30.00
5785MHz	Pass	-3.26	24.46	24.46	30.00
5825MHz	Pass	-3.26	24.41	24.41	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	-2.05	19.27	19.27	23.98
5200MHz	Pass	-2.05	22.29	22.29	23.98
5240MHz	Pass	-2.05	21.51	21.51	23.98
5260MHz	Pass	-2.20	21.50	21.50	23.98
5300MHz	Pass	-2.20	21.49	21.49	23.98
5320MHz	Pass	-2.20	21.36	21.36	23.98
5500MHz	Pass	-2.81	20.49	20.49	23.98
5580MHz	Pass	-2.81	21.99	21.99	23.98
5700MHz	Pass	-2.81	20.08	20.08	23.98
5745MHz	Pass	-3.26	24.80	24.80	30.00
5785MHz	Pass	-3.26	24.64	24.64	30.00
5825MHz	Pass	-3.26	25.93	25.93	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	-2.05	21.41	21.41	23.98
5230MHz	Pass	-2.05	23.68	23.68	23.98
5270MHz	Pass	-2.20	23.76	23.76	23.98
5310MHz	Pass	-2.20	21.43	21.43	23.98
5510MHz	Pass	-2.81	20.16	20.16	23.98
5550MHz	Pass	-2.81	23.82	23.82	23.98
5670MHz	Pass	-2.81	21.02	21.02	23.98
5755MHz	Pass	-3.26	25.46	25.46	30.00
5795MHz	Pass	-3.26	25.98	25.98	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	-2.05	20.10	20.10	23.98
5290MHz	Pass	-2.20	20.40	20.40	23.98
5530MHz	Pass	-2.81	19.49	19.49	23.98
5775MHz	Pass	-3.26	23.64	23.64	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.87
802.11ac VHT20_Nss1,(MCS0)_1TX	10.59
802.11ac VHT40_Nss1,(MCS0)_1TX	9.22
802.11ac VHT80_Nss1,(MCS0)_1TX	2.59
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.96
802.11ac VHT20_Nss1,(MCS0)_1TX	10.07
802.11ac VHT40_Nss1,(MCS0)_1TX	9.32
802.11ac VHT80_Nss1,(MCS0)_1TX	3.02
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.67
802.11ac VHT20_Nss1,(MCS0)_1TX	10.82
802.11ac VHT40_Nss1,(MCS0)_1TX	9.52
802.11ac VHT80_Nss1,(MCS0)_1TX	2.51
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	12.51
802.11ac VHT20_Nss1,(MCS0)_1TX	12.94
802.11ac VHT40_Nss1,(MCS0)_1TX	9.92
802.11ac VHT80_Nss1,(MCS0)_1TX	5.15

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	-2.05	9.16	9.16	11.00
5200MHz	Pass	-2.05	10.87	10.87	11.00
5240MHz	Pass	-2.05	10.76	10.76	11.00
5260MHz	Pass	-2.20	10.96	10.96	11.00
5300MHz	Pass	-2.20	10.71	10.71	11.00
5320MHz	Pass	-2.20	10.83	10.83	11.00
5500MHz	Pass	-2.81	10.39	10.39	11.00
5580MHz	Pass	-2.81	10.67	10.67	11.00
5700MHz	Pass	-2.81	9.67	9.67	11.00
5745MHz	Pass	-3.26	12.33	12.33	30.00
5785MHz	Pass	-3.26	12.44	12.44	30.00
5825MHz	Pass	-3.26	12.51	12.51	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	-2.05	8.12	8.12	11.00
5200MHz	Pass	-2.05	10.59	10.59	11.00
5240MHz	Pass	-2.05	9.77	9.77	11.00
5260MHz	Pass	-2.20	9.97	9.97	11.00
5300MHz	Pass	-2.20	10.07	10.07	11.00
5320MHz	Pass	-2.20	9.81	9.81	11.00
5500MHz	Pass	-2.81	9.33	9.33	11.00
5580MHz	Pass	-2.81	10.82	10.82	11.00
5700MHz	Pass	-2.81	9.07	9.07	11.00
5745MHz	Pass	-3.26	11.98	11.98	30.00
5785MHz	Pass	-3.26	11.97	11.97	30.00
5825MHz	Pass	-3.26	12.94	12.94	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	-2.05	6.90	6.90	11.00
5230MHz	Pass	-2.05	9.22	9.22	11.00
5270MHz	Pass	-2.20	9.32	9.32	11.00
5310MHz	Pass	-2.20	7.02	7.02	11.00
5510MHz	Pass	-2.81	5.90	5.90	11.00
5550MHz	Pass	-2.81	9.52	9.52	11.00
5670MHz	Pass	-2.81	6.83	6.83	11.00
5755MHz	Pass	-3.26	9.48	9.48	30.00
5795MHz	Pass	-3.26	9.92	9.92	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	-2.05	2.59	2.59	11.00
5290MHz	Pass	-2.20	3.02	3.02	11.00
5530MHz	Pass	-2.81	2.51	2.51	11.00
5775MHz	Pass	-3.26	5.15	5.15	30.00

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

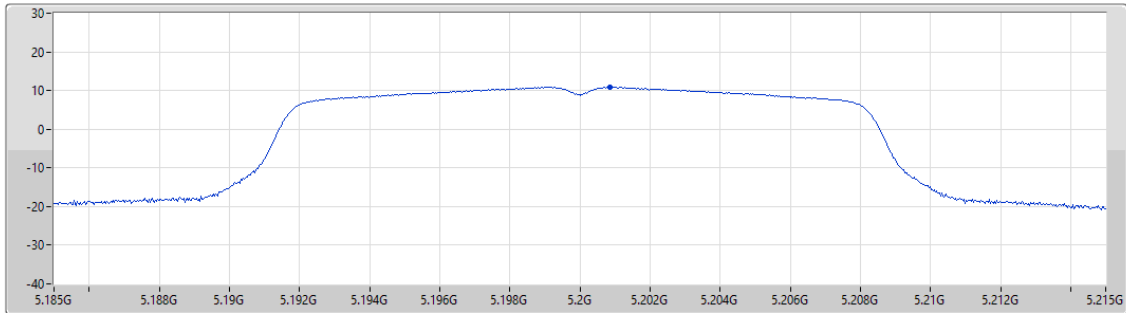
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

21/08/2026

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.39
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.87	10.87	10.87

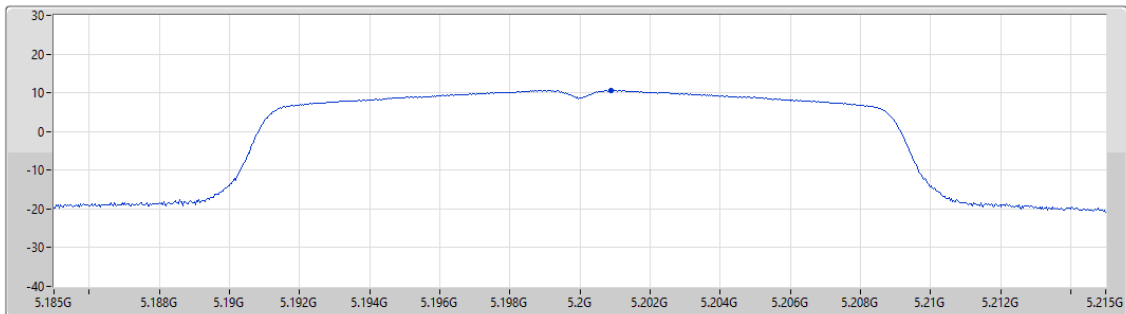
5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

21/08/2026

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
13.579
Detector Type
RMS



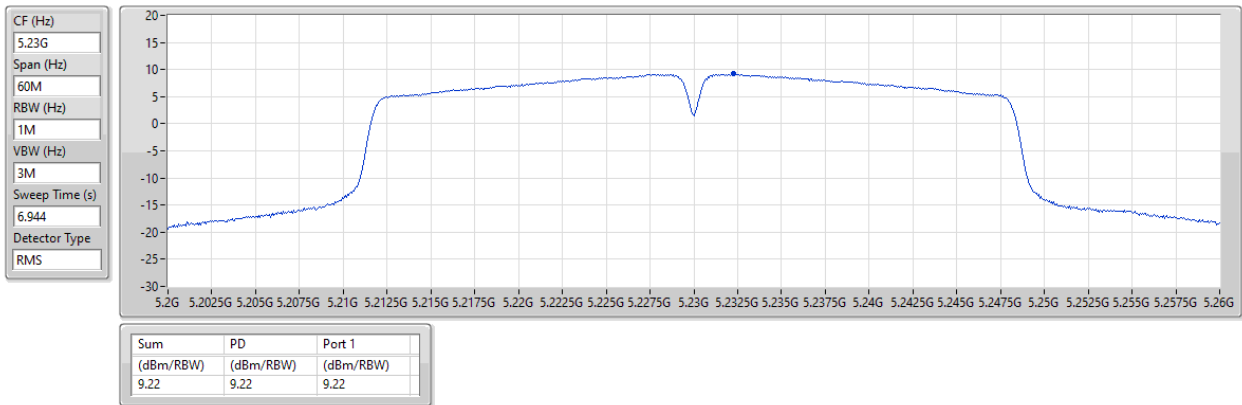
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.59	10.59	10.59

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

PSD

5230MHz

21/08/2026

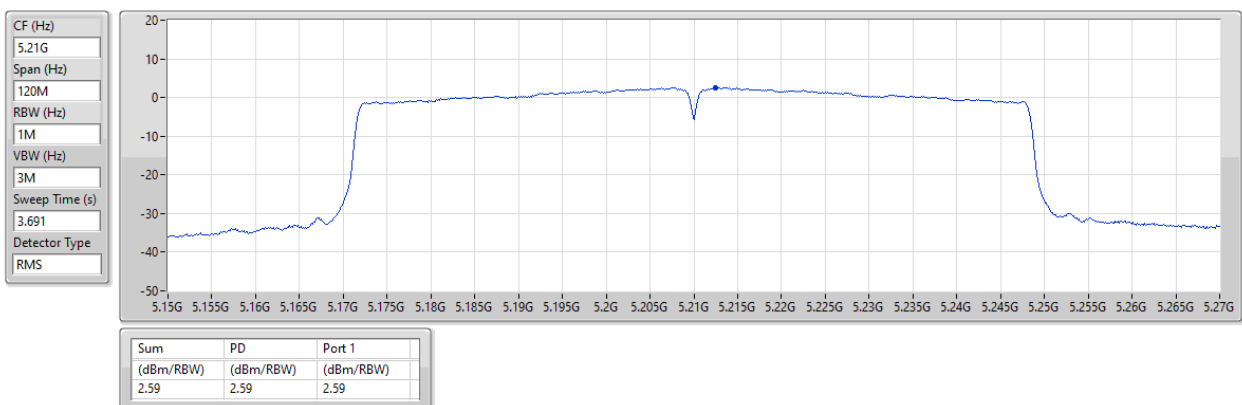


5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

21/08/2026



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

PSD

5260MHz

21/08/2026

CF (Hz)
5.26G

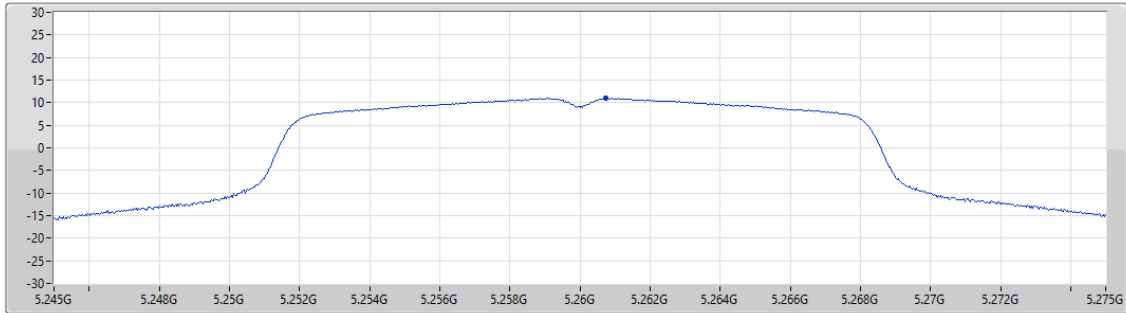
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
14.39

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	10.96

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

PSD

5300MHz

21/08/2026

CF (Hz)
5.3G

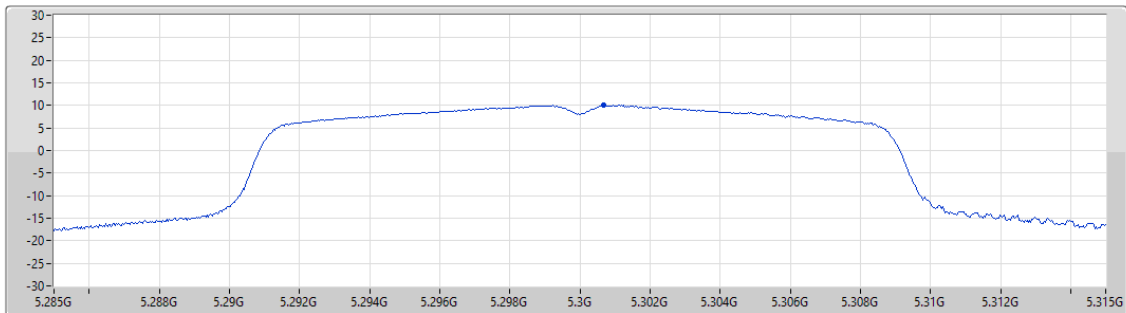
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
13.579

Detector Type
RMS



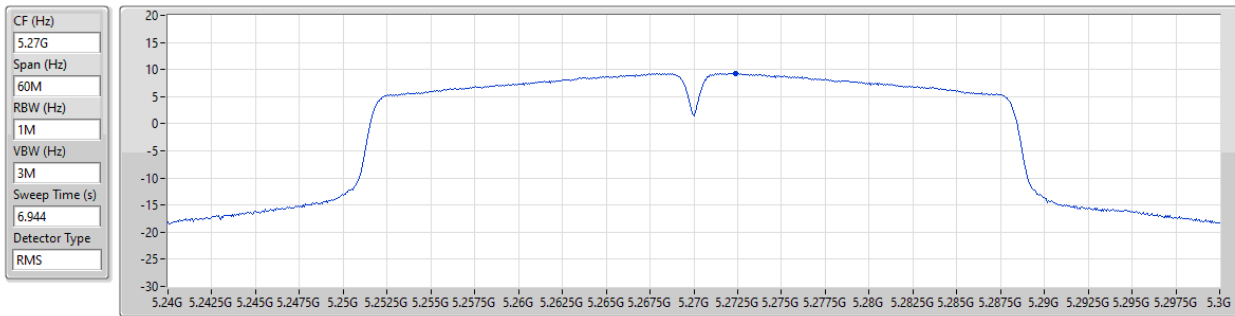
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	10.07

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

PSD

5270MHz

21/08/2026

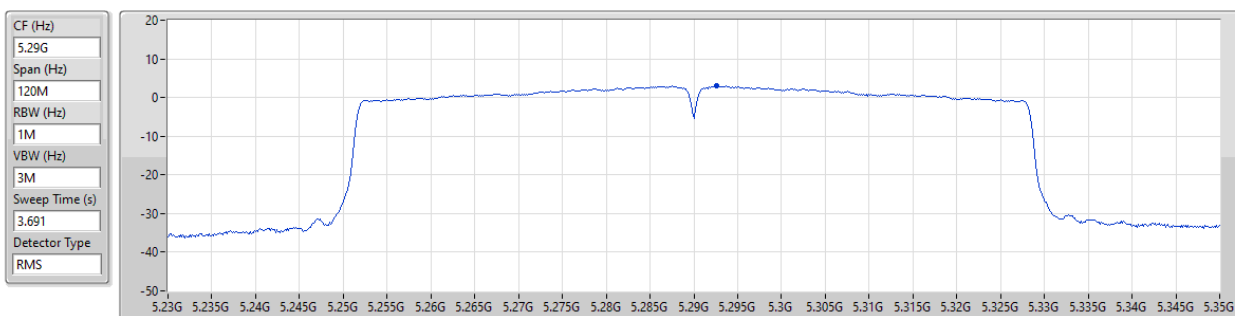


5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

21/08/2026



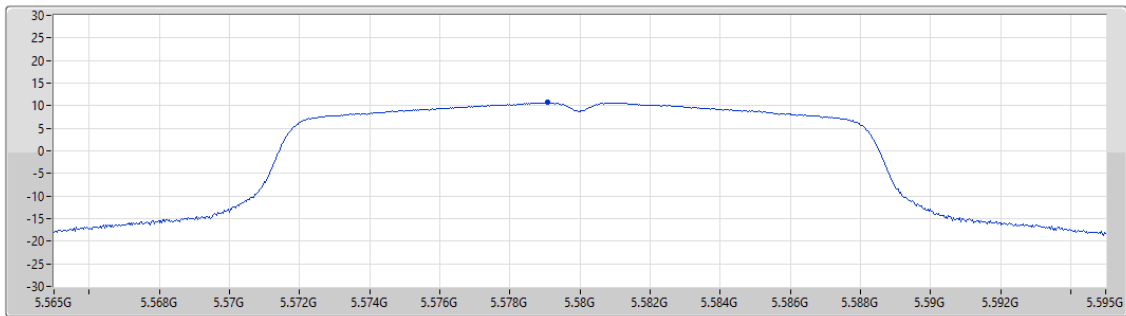
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

21/08/2026

CF (Hz)
5.58G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.39
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.67	10.67	10.67

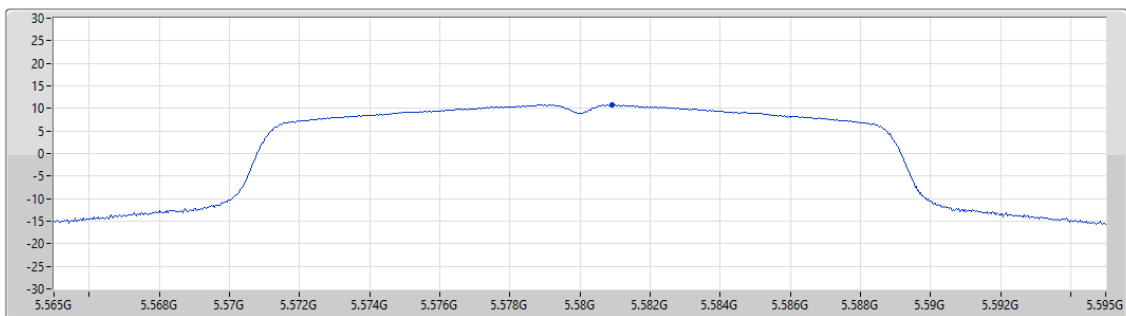
5.47-5.725GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

21/08/2026

CF (Hz)
5.58G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
13.579
Detector Type
RMS



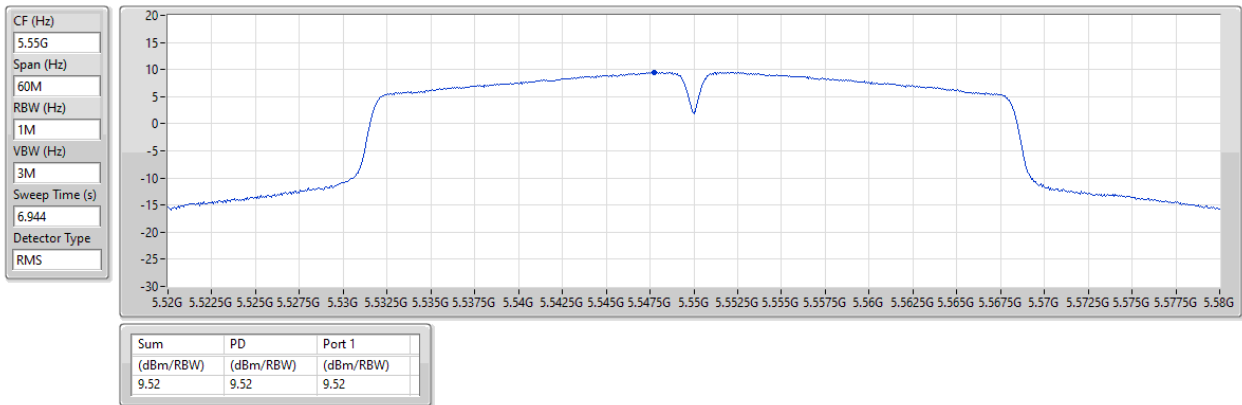
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.82	10.82	10.82

5.47-5.725GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

21/08/2026

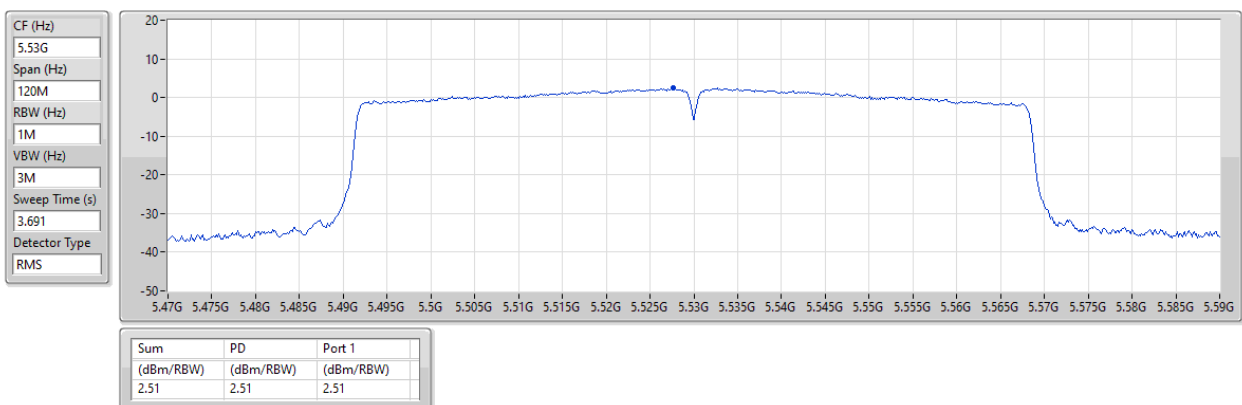


5.47-5.725GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

21/08/2026

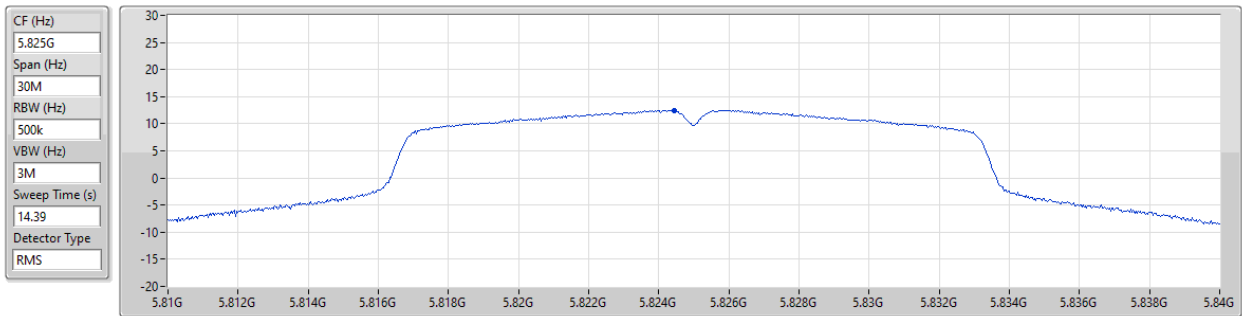


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

21/08/2026



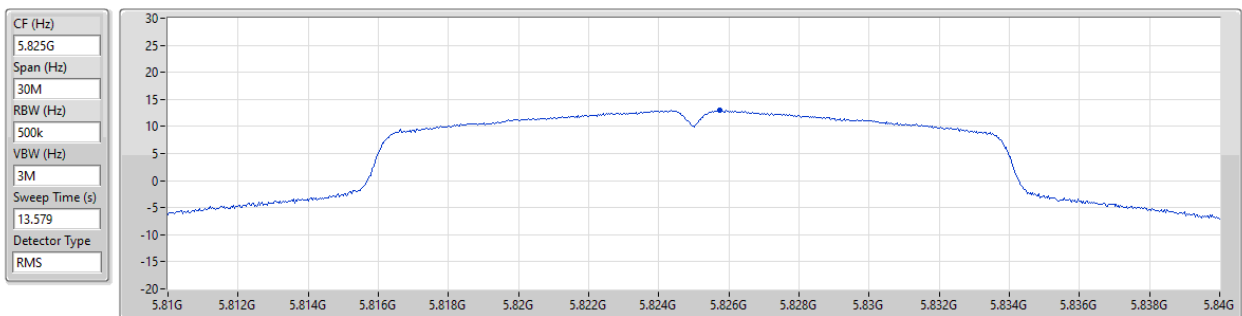
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.51	12.51	12.51

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

PSD

5825MHz

21/08/2026



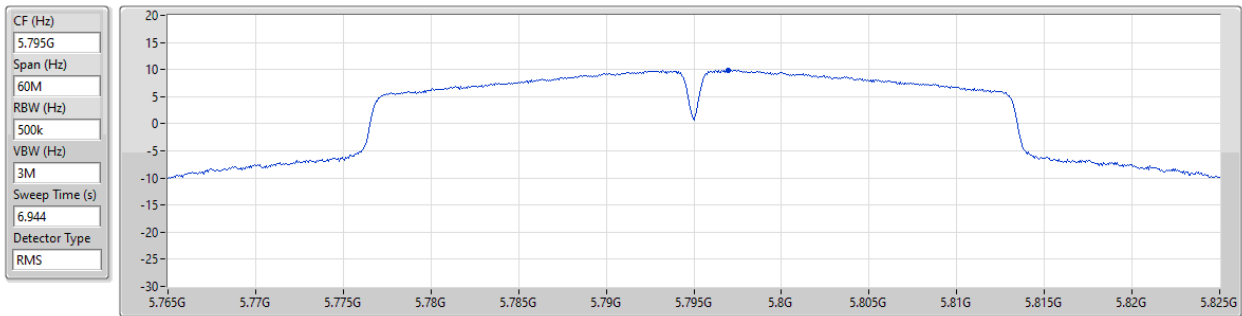
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.94	12.94	12.94

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

PSD

5795MHz

21/08/2026



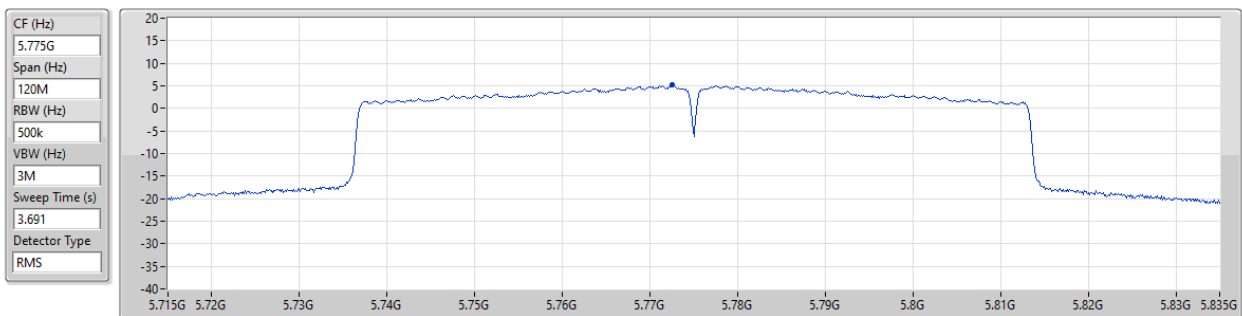
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	9.92

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

PSD

5775MHz

21/08/2026



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



Summary

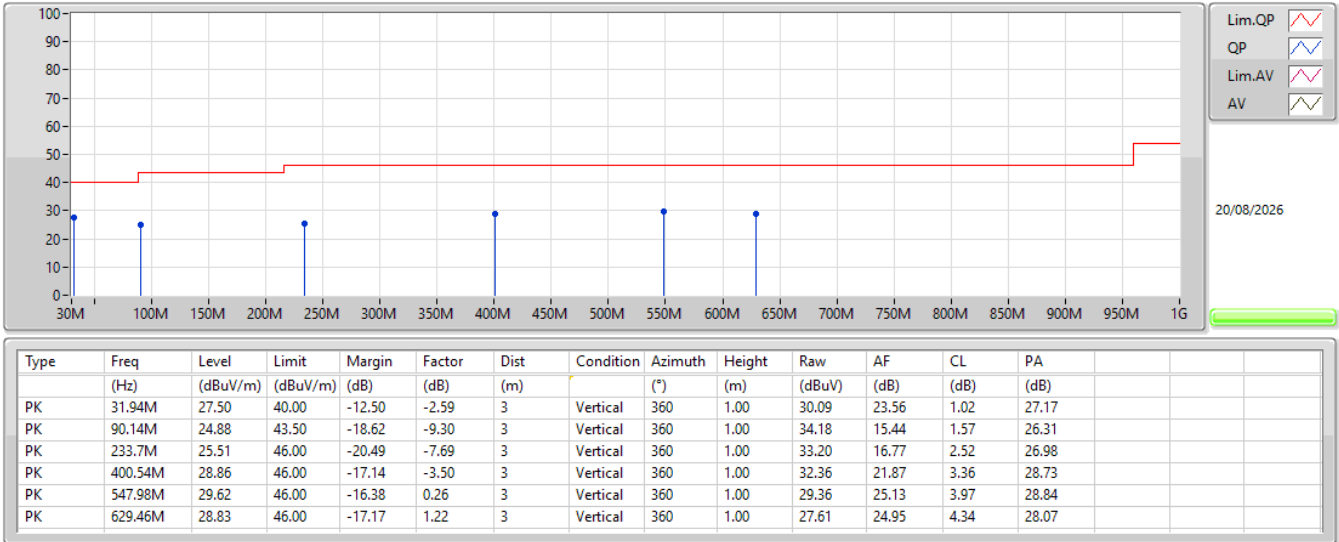
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	233.7M	34.07	46.00	-11.93	3	Horizontal	0	1.00

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	31.94M	27.50	40.00	-12.50	3	Vertical	360	1.00
5775MHz	Pass	PK	90.14M	24.88	43.50	-18.62	3	Vertical	360	1.00
5775MHz	Pass	PK	233.7M	25.51	46.00	-20.49	3	Vertical	360	1.00
5775MHz	Pass	PK	400.54M	28.86	46.00	-17.14	3	Vertical	360	1.00
5775MHz	Pass	PK	547.98M	29.62	46.00	-16.38	3	Vertical	360	1.00
5775MHz	Pass	PK	629.46M	28.83	46.00	-17.17	3	Vertical	360	1.00
5775MHz	Pass	PK	30M	25.86	40.00	-14.14	3	Horizontal	0	1.00
5775MHz	Pass	PK	159.98M	22.46	43.50	-21.04	3	Horizontal	0	1.00
5775MHz	Pass	PK	233.7M	34.07	46.00	-11.93	3	Horizontal	0	1.00
5775MHz	Pass	PK	299.66M	31.99	46.00	-14.01	3	Horizontal	0	1.00
5775MHz	Pass	PK	388.9M	30.40	46.00	-15.60	3	Horizontal	0	1.00
5775MHz	Pass	PK	538.28M	29.40	46.00	-16.60	3	Horizontal	0	1.00

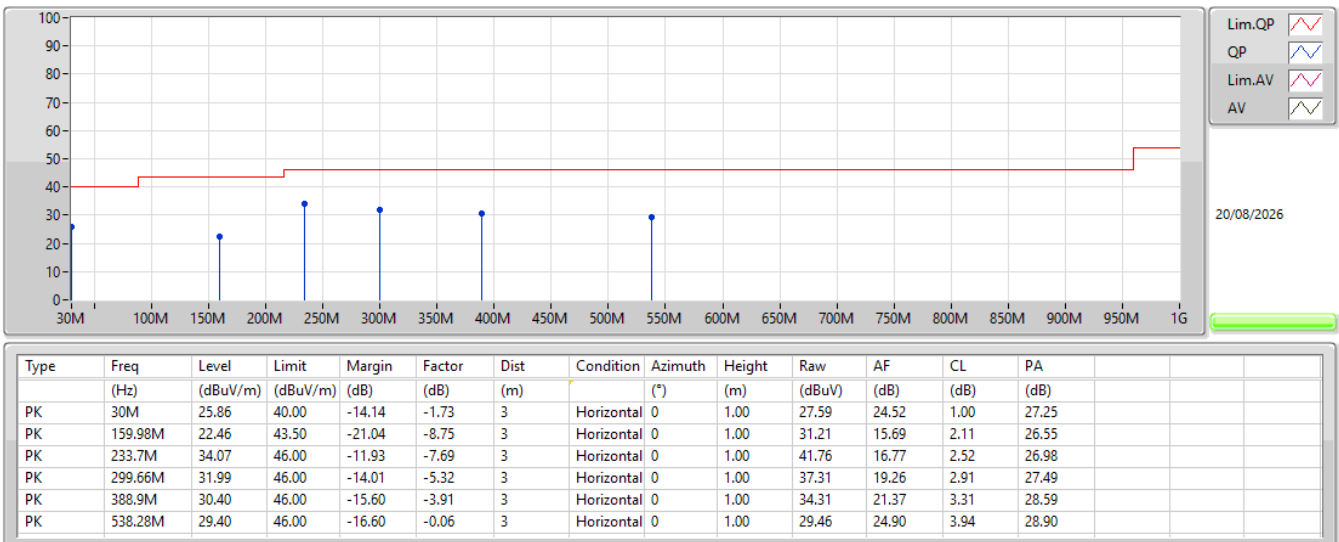
5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_Adapter



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

5775MHz_Adapter



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.1498G	53.56	54.00	-0.44	3	Horizontal	114	2.05
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.1464G	73.54	74.00	-0.46	3	Horizontal	113	2.13
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.1492G	53.74	54.00	-0.26	3	Horizontal	302	1.79
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.147G	53.57	54.00	-0.43	3	Horizontal	300	1.24
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.15G	73.42	74.00	-0.58	3	Horizontal	113	1.91
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.35G	52.61	54.00	-1.39	3	Horizontal	300	2.16
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.3504G	53.57	54.00	-0.43	3	Horizontal	300	1.28
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.35G	53.81	54.00	-0.19	3	Horizontal	302	1.88
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.7256G	67.96	68.20	-0.24	3	Horizontal	101	1.00
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.728G	67.97	68.20	-0.23	3	Horizontal	102	1.02
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.4688G	67.72	68.20	-0.48	3	Horizontal	298	1.19
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.461G	67.83	68.20	-0.37	3	Horizontal	299	1.13
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.6406G	66.81	68.20	-1.39	3	Horizontal	96	1.00
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.4582G	47.61	54.00	-6.39	3	Horizontal	104	1.02
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.6506G	64.89	68.64	-3.75	3	Horizontal	304	1.00
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.925G	67.46	68.20	-0.74	3	Horizontal	305	1.07

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	5.1496G	50.41	54.00	-3.59	3	Vertical	204	1.38
5180MHz	Pass	AV	5.181G	94.29	Inf	-Inf	3	Vertical	204	1.38
5180MHz	Pass	PK	5.1498G	64.70	74.00	-9.30	3	Vertical	204	1.38
5180MHz	Pass	PK	5.1776G	103.13	Inf	-Inf	3	Vertical	204	1.38
5180MHz	Pass	AV	5.1498G	53.56	54.00	-0.44	3	Horizontal	114	2.05
5180MHz	Pass	AV	5.1792G	98.14	Inf	-Inf	3	Horizontal	114	2.05
5180MHz	Pass	PK	5.1492G	68.34	74.00	-5.66	3	Horizontal	114	2.05
5180MHz	Pass	PK	5.1786G	106.84	Inf	-Inf	3	Horizontal	114	2.05
5180MHz	Pass	PK	10.3584G	57.12	68.20	-11.08	3	Vertical	264	1.42
5180MHz	Pass	PK	10.3572G	56.82	68.20	-11.38	3	Horizontal	321	1.50
5200MHz	Pass	AV	5.1496G	48.11	54.00	-5.89	3	Vertical	204	1.33
5200MHz	Pass	AV	5.1988G	96.27	Inf	-Inf	3	Vertical	204	1.33
5200MHz	Pass	PK	5.1432G	59.32	74.00	-14.68	3	Vertical	204	1.33
5200MHz	Pass	PK	5.1984G	105.07	Inf	-Inf	3	Vertical	204	1.33
5200MHz	Pass	AV	5.1496G	50.19	54.00	-3.81	3	Horizontal	114	1.91
5200MHz	Pass	AV	5.1992G	99.27	Inf	-Inf	3	Horizontal	114	1.91
5200MHz	Pass	PK	5.1496G	62.81	74.00	-11.19	3	Horizontal	114	1.91
5200MHz	Pass	PK	5.198G	108.60	Inf	-Inf	3	Horizontal	114	1.91
5200MHz	Pass	PK	10.39928G	57.21	68.20	-10.99	3	Vertical	167	1.50
5200MHz	Pass	PK	10.40108G	56.88	68.20	-11.32	3	Horizontal	211	1.50
5240MHz	Pass	AV	5.1482G	46.85	54.00	-7.15	3	Vertical	204	1.23
5240MHz	Pass	AV	5.2388G	97.06	Inf	-Inf	3	Vertical	204	1.23
5240MHz	Pass	AV	5.3888G	47.50	54.00	-6.50	3	Vertical	204	1.23
5240MHz	Pass	PK	5.1494G	69.41	74.00	-4.59	3	Vertical	204	1.23
5240MHz	Pass	PK	5.237G	106.09	Inf	-Inf	3	Vertical	204	1.23
5240MHz	Pass	PK	5.3606G	65.47	74.00	-8.53	3	Vertical	204	1.23
5240MHz	Pass	AV	5.144G	47.09	54.00	-6.91	3	Horizontal	113	1.95
5240MHz	Pass	AV	5.2406G	99.27	Inf	-Inf	3	Horizontal	113	1.95
5240MHz	Pass	AV	5.39G	47.36	54.00	-6.64	3	Horizontal	113	1.95
5240MHz	Pass	PK	5.1434G	72.75	74.00	-1.25	3	Horizontal	113	1.95
5240MHz	Pass	PK	5.2388G	108.95	Inf	-Inf	3	Horizontal	113	1.95
5240MHz	Pass	PK	5.35G	64.01	74.00	-9.99	3	Horizontal	113	1.95
5240MHz	Pass	PK	10.47416G	56.97	68.20	-11.23	3	Vertical	143	1.50
5240MHz	Pass	PK	10.47852G	57.49	68.20	-10.71	3	Horizontal	32	2.56
5260MHz	Pass	AV	5.149G	46.81	54.00	-7.19	3	Vertical	205	1.29
5260MHz	Pass	AV	5.2588G	96.67	Inf	-Inf	3	Vertical	205	1.29
5260MHz	Pass	AV	5.3992G	47.59	54.00	-6.41	3	Vertical	205	1.29
5260MHz	Pass	PK	5.1466G	68.08	74.00	-5.92	3	Vertical	205	1.29
5260MHz	Pass	PK	5.2588G	105.34	Inf	-Inf	3	Vertical	205	1.29
5260MHz	Pass	PK	5.3548G	65.84	74.00	-8.16	3	Vertical	205	1.29
5260MHz	Pass	AV	5.1484G	46.98	54.00	-7.02	3	Horizontal	113	1.91
5260MHz	Pass	AV	5.2588G	98.87	Inf	-Inf	3	Horizontal	113	1.91
5260MHz	Pass	AV	5.4034G	47.43	54.00	-6.57	3	Horizontal	113	1.91
5260MHz	Pass	PK	5.15G	73.42	74.00	-0.58	3	Horizontal	113	1.91
5260MHz	Pass	PK	5.2588G	107.96	Inf	-Inf	3	Horizontal	113	1.91
5260MHz	Pass	PK	5.3578G	67.40	74.00	-6.60	3	Horizontal	113	1.91
5260MHz	Pass	PK	10.52676G	57.55	68.20	-10.65	3	Vertical	283	1.50
5260MHz	Pass	PK	10.52436G	56.94	68.20	-11.26	3	Horizontal	189	1.50
5300MHz	Pass	AV	5.2992G	94.29	Inf	-Inf	3	Vertical	205	1.31
5300MHz	Pass	AV	5.3508G	47.70	54.00	-6.30	3	Vertical	205	1.31
5300MHz	Pass	PK	5.2988G	102.95	Inf	-Inf	3	Vertical	205	1.31
5300MHz	Pass	PK	5.3872G	63.30	74.00	-10.70	3	Vertical	205	1.31
5300MHz	Pass	AV	5.2988G	97.23	Inf	-Inf	3	Horizontal	302	2.06
5300MHz	Pass	AV	5.35G	48.42	54.00	-5.58	3	Horizontal	302	2.06
5300MHz	Pass	PK	5.2976G	105.62	Inf	-Inf	3	Horizontal	302	2.06
5300MHz	Pass	PK	5.3504G	60.99	74.00	-13.01	3	Horizontal	302	2.06
5300MHz	Pass	PK	10.59632G	56.97	68.20	-11.23	3	Vertical	148	1.50
5300MHz	Pass	PK	10.59016G	57.05	68.20	-11.15	3	Horizontal	162	1.50
5320MHz	Pass	AV	5.3192G	94.91	Inf	-Inf	3	Vertical	177	2.14
5320MHz	Pass	AV	5.35G	51.75	54.00	-2.25	3	Vertical	177	2.14

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5320MHz	Pass	PK	5.3188G	104.03	Inf	-Inf	3	Vertical	177	2.14
5320MHz	Pass	PK	5.3506G	68.60	74.00	-5.40	3	Vertical	177	2.14
5320MHz	Pass	AV	5.319G	96.94	Inf	-Inf	3	Horizontal	300	2.16
5320MHz	Pass	AV	5.3502G	53.01	54.00	-0.99	3	Horizontal	300	2.16
5320MHz	Pass	PK	5.3198G	106.17	Inf	-Inf	3	Horizontal	300	2.16
5320MHz	Pass	PK	5.3522G	68.89	74.00	-5.11	3	Horizontal	300	2.16
5320MHz	Pass	AV	10.644G	45.00	54.00	-9.00	3	Vertical	269	1.50
5320MHz	Pass	PK	10.6304G	57.90	74.00	-16.10	3	Vertical	269	1.50
5320MHz	Pass	AV	10.64968G	45.03	54.00	-8.97	3	Horizontal	160	1.49
5320MHz	Pass	PK	10.6462G	57.08	74.00	-16.92	3	Horizontal	160	1.49
5500MHz	Pass	AV	5.4586G	48.32	54.00	-5.68	3	Vertical	269	2.05
5500MHz	Pass	AV	5.5008G	96.92	Inf	-Inf	3	Vertical	269	2.05
5500MHz	Pass	PK	5.46G	61.49	74.00	-12.51	3	Vertical	269	2.05
5500MHz	Pass	PK	5.469G	66.15	68.20	-2.05	3	Vertical	269	2.05
5500MHz	Pass	PK	5.4978G	105.82	Inf	-Inf	3	Vertical	269	2.05
5500MHz	Pass	AV	5.4568G	48.24	54.00	-5.76	3	Horizontal	300	1.00
5500MHz	Pass	AV	5.5008G	96.15	Inf	-Inf	3	Horizontal	300	1.00
5500MHz	Pass	PK	5.4572G	63.83	74.00	-10.17	3	Horizontal	300	1.00
5500MHz	Pass	PK	5.469G	66.94	68.20	-1.26	3	Horizontal	300	1.00
5500MHz	Pass	PK	5.5018G	104.89	Inf	-Inf	3	Horizontal	300	1.00
5500MHz	Pass	AV	11.00688G	44.90	54.00	-9.10	3	Vertical	187	2.44
5500MHz	Pass	PK	11.00152G	57.16	74.00	-16.84	3	Vertical	187	2.44
5500MHz	Pass	AV	11.00928G	44.90	54.00	-9.10	3	Horizontal	54	1.50
5500MHz	Pass	PK	11.00468G	56.95	74.00	-17.05	3	Horizontal	54	1.50
5580MHz	Pass	AV	5.4468G	47.56	54.00	-6.44	3	Vertical	281	2.76
5580MHz	Pass	AV	5.5806G	97.96	Inf	-Inf	3	Vertical	281	2.76
5580MHz	Pass	PK	5.4588G	67.68	74.00	-6.32	3	Vertical	281	2.76
5580MHz	Pass	PK	5.469G	67.58	68.20	-0.62	3	Vertical	281	2.76
5580MHz	Pass	PK	5.5788G	106.91	Inf	-Inf	3	Vertical	281	2.76
5580MHz	Pass	PK	5.7294G	67.71	68.20	-0.49	3	Vertical	281	2.76
5580MHz	Pass	AV	5.4492G	47.56	54.00	-6.44	3	Horizontal	297	2.14
5580MHz	Pass	AV	5.5794G	97.82	Inf	-Inf	3	Horizontal	297	2.14
5580MHz	Pass	PK	5.4564G	68.26	74.00	-5.74	3	Horizontal	297	2.14
5580MHz	Pass	PK	5.4666G	67.23	68.20	-0.97	3	Horizontal	297	2.14
5580MHz	Pass	PK	5.58G	107.32	Inf	-Inf	3	Horizontal	297	2.14
5580MHz	Pass	PK	5.73G	67.67	68.20	-0.53	3	Horizontal	297	2.14
5580MHz	Pass	AV	11.161G	44.74	54.00	-9.26	3	Vertical	360	1.50
5580MHz	Pass	PK	11.16508G	58.17	74.00	-15.83	3	Vertical	360	1.50
5580MHz	Pass	AV	11.15608G	44.77	54.00	-9.23	3	Horizontal	181	1.50
5580MHz	Pass	PK	11.15948G	57.32	74.00	-16.68	3	Horizontal	181	1.50
5700MHz	Pass	AV	5.6992G	95.18	Inf	-Inf	3	Vertical	280	2.72
5700MHz	Pass	PK	5.6996G	104.08	Inf	-Inf	3	Vertical	280	2.72
5700MHz	Pass	PK	5.7272G	66.35	68.20	-1.85	3	Vertical	280	2.72
5700MHz	Pass	AV	5.7012G	96.34	Inf	-Inf	3	Horizontal	101	1.00
5700MHz	Pass	PK	5.7028G	105.15	Inf	-Inf	3	Horizontal	101	1.00
5700MHz	Pass	PK	5.7256G	67.96	68.20	-0.24	3	Horizontal	101	1.00
5700MHz	Pass	AV	11.4004G	45.69	54.00	-8.31	3	Vertical	299	1.50
5700MHz	Pass	PK	11.40688G	58.20	74.00	-15.80	3	Vertical	299	1.50
5700MHz	Pass	AV	11.40372G	45.62	54.00	-8.38	3	Horizontal	207	1.50
5700MHz	Pass	PK	11.40336G	58.09	74.00	-15.91	3	Horizontal	207	1.50
5745MHz	Pass	AV	5.4582G	47.42	54.00	-6.58	3	Vertical	278	2.72
5745MHz	Pass	AV	5.7462G	98.64	Inf	-Inf	3	Vertical	278	2.72
5745MHz	Pass	PK	5.6298G	62.74	68.20	-5.46	3	Vertical	278	2.72
5745MHz	Pass	PK	5.7438G	107.69	Inf	-Inf	3	Vertical	278	2.72
5745MHz	Pass	PK	6.0126G	59.93	68.20	-8.27	3	Vertical	278	2.72
5745MHz	Pass	AV	5.4462G	47.63	54.00	-6.37	3	Horizontal	96	1.00
5745MHz	Pass	AV	5.7462G	100.31	Inf	-Inf	3	Horizontal	96	1.00
5745MHz	Pass	PK	5.6406G	66.81	68.20	-1.39	3	Horizontal	96	1.00
5745MHz	Pass	PK	5.7438G	109.32	Inf	-Inf	3	Horizontal	96	1.00
5745MHz	Pass	PK	5.9238G	61.68	69.09	-7.41	3	Horizontal	96	1.00
5745MHz	Pass	AV	11.49864G	45.65	54.00	-8.35	3	Vertical	294	1.50
5745MHz	Pass	PK	11.48664G	58.30	74.00	-15.70	3	Vertical	294	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5745MHz	Pass	AV	11.48576G	45.62	54.00	-8.38	3	Horizontal	57	1.50
5745MHz	Pass	PK	11.49068G	58.27	74.00	-15.73	3	Horizontal	57	1.50
5785MHz	Pass	AV	5.7838G	99.47	Inf	-Inf	3	Vertical	277	2.78
5785MHz	Pass	PK	5.635G	61.91	68.20	-6.29	3	Vertical	277	2.78
5785MHz	Pass	PK	5.7838G	108.28	Inf	-Inf	3	Vertical	277	2.78
5785MHz	Pass	PK	5.9278G	61.33	68.20	-6.87	3	Vertical	277	2.78
5785MHz	Pass	AV	5.7862G	101.17	Inf	-Inf	3	Horizontal	101	1.02
5785MHz	Pass	PK	5.6398G	63.95	68.20	-4.25	3	Horizontal	101	1.02
5785MHz	Pass	PK	5.7874G	111.12	Inf	-Inf	3	Horizontal	101	1.02
5785MHz	Pass	PK	5.9326G	64.79	68.20	-3.41	3	Horizontal	101	1.02
5785MHz	Pass	AV	11.57168G	45.52	54.00	-8.48	3	Vertical	238	2.38
5785MHz	Pass	PK	11.56096G	57.57	74.00	-16.43	3	Vertical	238	2.38
5785MHz	Pass	AV	11.56696G	45.60	54.00	-8.40	3	Horizontal	212	2.61
5785MHz	Pass	PK	11.5606G	57.65	74.00	-16.35	3	Horizontal	212	2.61
5825MHz	Pass	AV	5.8262G	98.29	Inf	-Inf	3	Vertical	276	2.04
5825MHz	Pass	PK	5.6114G	59.57	68.20	-8.63	3	Vertical	276	2.04
5825MHz	Pass	PK	5.8286G	106.79	Inf	-Inf	3	Vertical	276	2.04
5825MHz	Pass	PK	6.0374G	60.01	68.20	-8.19	3	Vertical	276	2.04
5825MHz	Pass	AV	5.8238G	100.52	Inf	-Inf	3	Horizontal	102	2.04
5825MHz	Pass	PK	5.6186G	59.55	68.20	-8.65	3	Horizontal	102	2.04
5825MHz	Pass	PK	5.8262G	109.69	Inf	-Inf	3	Horizontal	102	2.04
5825MHz	Pass	PK	5.9798G	60.20	68.20	-8.00	3	Horizontal	102	2.04
5825MHz	Pass	AV	11.6426G	44.95	54.00	-9.05	3	Vertical	350	1.28
5825MHz	Pass	PK	11.653G	56.78	74.00	-17.22	3	Vertical	350	1.28
5825MHz	Pass	AV	11.65796G	44.99	54.00	-9.01	3	Horizontal	304	1.96
5825MHz	Pass	PK	11.64792G	57.61	74.00	-16.39	3	Horizontal	304	1.96
802.11ac VHT20_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1496G	50.17	54.00	-3.83	3	Vertical	204	1.37
5180MHz	Pass	AV	5.1808G	93.44	Inf	-Inf	3	Vertical	204	1.37
5180MHz	Pass	PK	5.1492G	66.08	74.00	-7.92	3	Vertical	204	1.37
5180MHz	Pass	PK	5.1816G	102.03	Inf	-Inf	3	Vertical	204	1.37
5180MHz	Pass	AV	5.1496G	52.91	54.00	-1.09	3	Horizontal	113	2.05
5180MHz	Pass	AV	5.179G	97.35	Inf	-Inf	3	Horizontal	113	2.05
5180MHz	Pass	PK	5.1494G	67.33	74.00	-6.67	3	Horizontal	113	2.05
5180MHz	Pass	PK	5.1812G	105.61	Inf	-Inf	3	Horizontal	113	2.05
5180MHz	Pass	PK	10.3606G	57.15	68.20	-11.05	3	Vertical	315	1.87
5180MHz	Pass	PK	10.36472G	57.05	68.20	-11.15	3	Horizontal	35	1.50
5200MHz	Pass	AV	5.15G	48.76	54.00	-5.24	3	Vertical	204	1.36
5200MHz	Pass	AV	5.1992G	95.97	Inf	-Inf	3	Vertical	204	1.36
5200MHz	Pass	PK	5.15G	60.85	74.00	-13.15	3	Vertical	204	1.36
5200MHz	Pass	PK	5.1976G	105.09	Inf	-Inf	3	Vertical	204	1.36
5200MHz	Pass	AV	5.15G	50.30	54.00	-3.70	3	Horizontal	111	1.91
5200MHz	Pass	AV	5.2012G	99.19	Inf	-Inf	3	Horizontal	111	1.91
5200MHz	Pass	PK	5.1396G	64.19	74.00	-9.81	3	Horizontal	111	1.91
5200MHz	Pass	PK	5.1984G	108.21	Inf	-Inf	3	Horizontal	111	1.91
5200MHz	Pass	PK	10.40064G	57.57	68.20	-10.63	3	Vertical	351	1.50
5200MHz	Pass	PK	10.40048G	57.04	68.20	-11.16	3	Horizontal	204	1.50
5240MHz	Pass	AV	5.1494G	46.77	54.00	-7.23	3	Vertical	204	1.27
5240MHz	Pass	AV	5.2394G	96.92	Inf	-Inf	3	Vertical	204	1.27
5240MHz	Pass	AV	5.387G	47.54	54.00	-6.46	3	Vertical	204	1.27
5240MHz	Pass	PK	5.1272G	71.66	74.00	-2.34	3	Vertical	204	1.27
5240MHz	Pass	PK	5.2394G	106.40	Inf	-Inf	3	Vertical	204	1.27
5240MHz	Pass	PK	5.3606G	65.27	74.00	-8.73	3	Vertical	204	1.27
5240MHz	Pass	AV	5.1482G	46.97	54.00	-7.03	3	Horizontal	113	2.13
5240MHz	Pass	AV	5.2388G	99.24	Inf	-Inf	3	Horizontal	113	2.13
5240MHz	Pass	AV	5.3888G	47.48	54.00	-6.52	3	Horizontal	113	2.13
5240MHz	Pass	PK	5.1464G	73.54	74.00	-0.46	3	Horizontal	113	2.13
5240MHz	Pass	PK	5.2388G	108.83	Inf	-Inf	3	Horizontal	113	2.13
5240MHz	Pass	PK	5.3528G	64.44	74.00	-9.56	3	Horizontal	113	2.13
5240MHz	Pass	PK	10.479G	57.26	68.20	-10.94	3	Vertical	92	2.03
5240MHz	Pass	PK	10.48096G	56.78	68.20	-11.42	3	Horizontal	0	1.50
5260MHz	Pass	AV	5.149G	46.58	54.00	-7.42	3	Vertical	204	1.43

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	AV	5.2606G	96.01	Inf	-Inf	3	Vertical	204	1.43
5260MHz	Pass	AV	5.3692G	47.44	54.00	-6.56	3	Vertical	204	1.43
5260MHz	Pass	PK	5.1496G	67.58	74.00	-6.42	3	Vertical	204	1.43
5260MHz	Pass	PK	5.2588G	105.25	Inf	-Inf	3	Vertical	204	1.43
5260MHz	Pass	PK	5.3662G	65.52	74.00	-8.48	3	Vertical	204	1.43
5260MHz	Pass	AV	5.1448G	46.76	54.00	-7.24	3	Horizontal	115	1.92
5260MHz	Pass	AV	5.2588G	98.10	Inf	-Inf	3	Horizontal	115	1.92
5260MHz	Pass	AV	5.4064G	47.49	54.00	-6.51	3	Horizontal	115	1.92
5260MHz	Pass	PK	5.1418G	71.91	74.00	-2.09	3	Horizontal	115	1.92
5260MHz	Pass	PK	5.2576G	107.35	Inf	-Inf	3	Horizontal	115	1.92
5260MHz	Pass	PK	5.35G	64.13	74.00	-9.87	3	Horizontal	115	1.92
5260MHz	Pass	PK	10.51732G	57.16	68.20	-11.04	3	Vertical	31	1.50
5260MHz	Pass	PK	10.51932G	57.03	68.20	-11.17	3	Horizontal	92	1.50
5300MHz	Pass	AV	5.2988G	93.99	Inf	-Inf	3	Vertical	204	1.28
5300MHz	Pass	AV	5.3672G	47.60	54.00	-6.40	3	Vertical	204	1.28
5300MHz	Pass	PK	5.302G	103.17	Inf	-Inf	3	Vertical	204	1.28
5300MHz	Pass	PK	5.3976G	60.27	74.00	-13.73	3	Vertical	204	1.28
5300MHz	Pass	AV	5.3012G	96.69	Inf	-Inf	3	Horizontal	302	2.07
5300MHz	Pass	AV	5.3512G	48.20	54.00	-5.80	3	Horizontal	302	2.07
5300MHz	Pass	PK	5.2976G	105.23	Inf	-Inf	3	Horizontal	302	2.07
5300MHz	Pass	PK	5.3512G	62.77	74.00	-11.23	3	Horizontal	302	2.07
5300MHz	Pass	AV	10.60836G	44.86	54.00	-9.14	3	Vertical	34	1.50
5300MHz	Pass	PK	10.60324G	57.43	74.00	-16.57	3	Vertical	34	1.50
5300MHz	Pass	AV	10.60868G	44.84	54.00	-9.16	3	Horizontal	270	1.00
5300MHz	Pass	PK	10.59188G	57.06	68.20	-11.14	3	Horizontal	270	1.00
5320MHz	Pass	AV	5.321G	94.37	Inf	-Inf	3	Vertical	177	2.25
5320MHz	Pass	AV	5.3508G	51.05	54.00	-2.95	3	Vertical	177	2.25
5320MHz	Pass	PK	5.3224G	103.73	Inf	-Inf	3	Vertical	177	2.25
5320MHz	Pass	PK	5.3516G	66.05	74.00	-7.95	3	Vertical	177	2.25
5320MHz	Pass	AV	5.319G	96.18	Inf	-Inf	3	Horizontal	300	2.16
5320MHz	Pass	AV	5.35G	52.61	54.00	-1.39	3	Horizontal	300	2.16
5320MHz	Pass	PK	5.32G	105.33	Inf	-Inf	3	Horizontal	300	2.16
5320MHz	Pass	PK	5.3502G	69.04	74.00	-4.96	3	Horizontal	300	2.16
5320MHz	Pass	AV	10.6498G	44.84	54.00	-9.16	3	Vertical	112	1.50
5320MHz	Pass	PK	10.6494G	57.15	74.00	-16.85	3	Vertical	112	1.50
5320MHz	Pass	AV	10.64452G	44.98	54.00	-9.02	3	Horizontal	172	1.19
5320MHz	Pass	PK	10.64492G	57.90	74.00	-16.10	3	Horizontal	172	1.19
5500MHz	Pass	AV	5.46G	48.07	54.00	-5.93	3	Vertical	268	2.05
5500MHz	Pass	AV	5.499G	96.07	Inf	-Inf	3	Vertical	268	2.05
5500MHz	Pass	PK	5.4578G	62.28	74.00	-11.72	3	Vertical	268	2.05
5500MHz	Pass	PK	5.4688G	65.99	68.20	-2.21	3	Vertical	268	2.05
5500MHz	Pass	PK	5.4986G	104.86	Inf	-Inf	3	Vertical	268	2.05
5500MHz	Pass	AV	5.4578G	48.16	54.00	-5.84	3	Horizontal	300	1.00
5500MHz	Pass	AV	5.5008G	95.47	Inf	-Inf	3	Horizontal	300	1.00
5500MHz	Pass	PK	5.4576G	62.14	74.00	-11.86	3	Horizontal	300	1.00
5500MHz	Pass	PK	5.4686G	65.68	68.20	-2.52	3	Horizontal	300	1.00
5500MHz	Pass	PK	5.5016G	104.40	Inf	-Inf	3	Horizontal	300	1.00
5500MHz	Pass	AV	11.0034G	44.86	54.00	-9.14	3	Vertical	219	2.59
5500MHz	Pass	PK	11.0074G	57.21	74.00	-16.79	3	Vertical	219	2.59
5500MHz	Pass	AV	11.00768G	44.93	54.00	-9.07	3	Horizontal	279	3.00
5500MHz	Pass	PK	10.99564G	57.04	74.00	-16.96	3	Horizontal	279	3.00
5580MHz	Pass	AV	5.4468G	47.68	54.00	-6.32	3	Vertical	269	2.86
5580MHz	Pass	AV	5.5788G	98.21	Inf	-Inf	3	Vertical	269	2.86
5580MHz	Pass	PK	5.457G	68.63	74.00	-5.37	3	Vertical	269	2.86
5580MHz	Pass	PK	5.4636G	67.79	68.20	-0.41	3	Vertical	269	2.86
5580MHz	Pass	PK	5.58G	107.01	Inf	-Inf	3	Vertical	269	2.86
5580MHz	Pass	PK	5.73G	59.56	68.20	-8.64	3	Vertical	269	2.86
5580MHz	Pass	AV	5.4588G	47.64	54.00	-6.36	3	Horizontal	296	2.15
5580MHz	Pass	AV	5.5806G	97.92	Inf	-Inf	3	Horizontal	296	2.15
5580MHz	Pass	PK	5.4468G	65.98	74.00	-8.02	3	Horizontal	296	2.15
5580MHz	Pass	PK	5.4666G	66.76	68.20	-1.44	3	Horizontal	296	2.15
5580MHz	Pass	PK	5.5782G	106.68	Inf	-Inf	3	Horizontal	296	2.15

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	PK	5.7252G	67.32	68.20	-0.88	3	Horizontal	296	2.15
5580MHz	Pass	AV	11.16876G	44.76	54.00	-9.24	3	Vertical	173	1.35
5580MHz	Pass	PK	11.15116G	57.30	74.00	-16.70	3	Vertical	173	1.35
5580MHz	Pass	AV	11.16364G	44.65	54.00	-9.35	3	Horizontal	118	1.50
5580MHz	Pass	PK	11.1678G	57.21	74.00	-16.79	3	Horizontal	118	1.50
5700MHz	Pass	AV	5.6988G	94.81	Inf	-Inf	3	Vertical	286	2.03
5700MHz	Pass	PK	5.6988G	103.49	Inf	-Inf	3	Vertical	286	2.03
5700MHz	Pass	PK	5.7276G	67.30	68.20	-0.90	3	Vertical	286	2.03
5700MHz	Pass	AV	5.7008G	95.09	Inf	-Inf	3	Horizontal	102	1.02
5700MHz	Pass	PK	5.6988G	103.59	Inf	-Inf	3	Horizontal	102	1.02
5700MHz	Pass	PK	5.728G	67.97	68.20	-0.23	3	Horizontal	102	1.02
5700MHz	Pass	AV	11.399G	45.68	54.00	-8.32	3	Vertical	179	1.50
5700MHz	Pass	PK	11.40524G	57.68	74.00	-16.32	3	Vertical	179	1.50
5700MHz	Pass	AV	11.39672G	45.64	54.00	-8.36	3	Horizontal	290	3.00
5700MHz	Pass	PK	11.4048G	57.87	74.00	-16.13	3	Horizontal	290	3.00
5745MHz	Pass	AV	5.4594G	47.47	54.00	-6.53	3	Vertical	278	2.03
5745MHz	Pass	AV	5.7438G	99.30	Inf	-Inf	3	Vertical	278	2.03
5745MHz	Pass	PK	5.469G	59.71	68.20	-8.49	3	Vertical	278	2.03
5745MHz	Pass	PK	5.7426G	107.83	Inf	-Inf	3	Vertical	278	2.03
5745MHz	Pass	PK	6.0078G	60.07	68.20	-8.13	3	Vertical	278	2.03
5745MHz	Pass	AV	5.4582G	47.61	54.00	-6.39	3	Horizontal	104	1.02
5745MHz	Pass	AV	5.7462G	98.92	Inf	-Inf	3	Horizontal	104	1.02
5745MHz	Pass	PK	5.5098G	59.74	68.20	-8.46	3	Horizontal	104	1.02
5745MHz	Pass	PK	5.7426G	107.61	Inf	-Inf	3	Horizontal	104	1.02
5745MHz	Pass	PK	5.979G	60.53	68.20	-7.67	3	Horizontal	104	1.02
5745MHz	Pass	AV	11.49208G	45.67	54.00	-8.33	3	Vertical	86	1.50
5745MHz	Pass	PK	11.49128G	57.96	74.00	-16.04	3	Vertical	86	1.50
5745MHz	Pass	AV	11.4894G	45.72	54.00	-8.28	3	Horizontal	96	1.91
5745MHz	Pass	PK	11.48228G	58.65	74.00	-15.35	3	Horizontal	96	1.91
5785MHz	Pass	AV	5.7862G	99.90	Inf	-Inf	3	Vertical	277	2.01
5785MHz	Pass	PK	5.545G	59.73	68.20	-8.47	3	Vertical	277	2.01
5785MHz	Pass	PK	5.7838G	108.87	Inf	-Inf	3	Vertical	277	2.01
5785MHz	Pass	PK	5.9794G	60.06	68.20	-8.14	3	Vertical	277	2.01
5785MHz	Pass	AV	5.7838G	99.65	Inf	-Inf	3	Horizontal	98	1.00
5785MHz	Pass	PK	5.521G	59.64	68.20	-8.56	3	Horizontal	98	1.00
5785MHz	Pass	PK	5.7862G	108.99	Inf	-Inf	3	Horizontal	98	1.00
5785MHz	Pass	PK	5.9638G	61.60	68.20	-6.60	3	Horizontal	98	1.00
5785MHz	Pass	AV	11.575G	45.48	54.00	-8.52	3	Vertical	282	1.50
5785MHz	Pass	PK	11.56684G	58.54	74.00	-15.46	3	Vertical	282	1.50
5785MHz	Pass	AV	11.56224G	45.61	54.00	-8.39	3	Horizontal	134	1.90
5785MHz	Pass	PK	11.56388G	58.13	74.00	-15.87	3	Horizontal	134	1.90
5825MHz	Pass	AV	5.8262G	93.57	Inf	-Inf	3	Vertical	277	2.12
5825MHz	Pass	PK	5.6042G	60.21	68.20	-7.99	3	Vertical	277	2.12
5825MHz	Pass	PK	5.8262G	102.05	Inf	-Inf	3	Vertical	277	2.12
5825MHz	Pass	PK	6.0218G	60.40	68.20	-7.80	3	Vertical	277	2.12
5825MHz	Pass	AV	5.8238G	92.40	Inf	-Inf	3	Horizontal	171	2.04
5825MHz	Pass	PK	5.6462G	59.75	68.20	-8.45	3	Horizontal	171	2.04
5825MHz	Pass	PK	5.8262G	100.97	Inf	-Inf	3	Horizontal	171	2.04
5825MHz	Pass	PK	5.933G	60.38	68.20	-7.82	3	Horizontal	171	2.04
5825MHz	Pass	AV	11.65416G	45.01	54.00	-8.99	3	Vertical	307	1.50
5825MHz	Pass	PK	11.65836G	57.09	74.00	-16.91	3	Vertical	307	1.50
5825MHz	Pass	AV	11.65624G	45.05	54.00	-8.95	3	Horizontal	106	2.82
5825MHz	Pass	PK	11.64084G	57.18	74.00	-16.82	3	Horizontal	106	2.82
802.11ac VHT40_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1492G	52.87	54.00	-1.13	3	Vertical	299	1.24
5190MHz	Pass	AV	5.1876G	91.38	Inf	-Inf	3	Vertical	299	1.24
5190MHz	Pass	PK	5.1472G	68.77	74.00	-5.23	3	Vertical	299	1.24
5190MHz	Pass	PK	5.1864G	100.26	Inf	-Inf	3	Vertical	299	1.24
5190MHz	Pass	AV	5.1492G	53.74	54.00	-0.26	3	Horizontal	302	1.79
5190MHz	Pass	AV	5.192G	92.16	Inf	-Inf	3	Horizontal	302	1.79
5190MHz	Pass	PK	5.1488G	69.88	74.00	-4.12	3	Horizontal	302	1.79
5190MHz	Pass	PK	5.1936G	101.08	Inf	-Inf	3	Horizontal	302	1.79

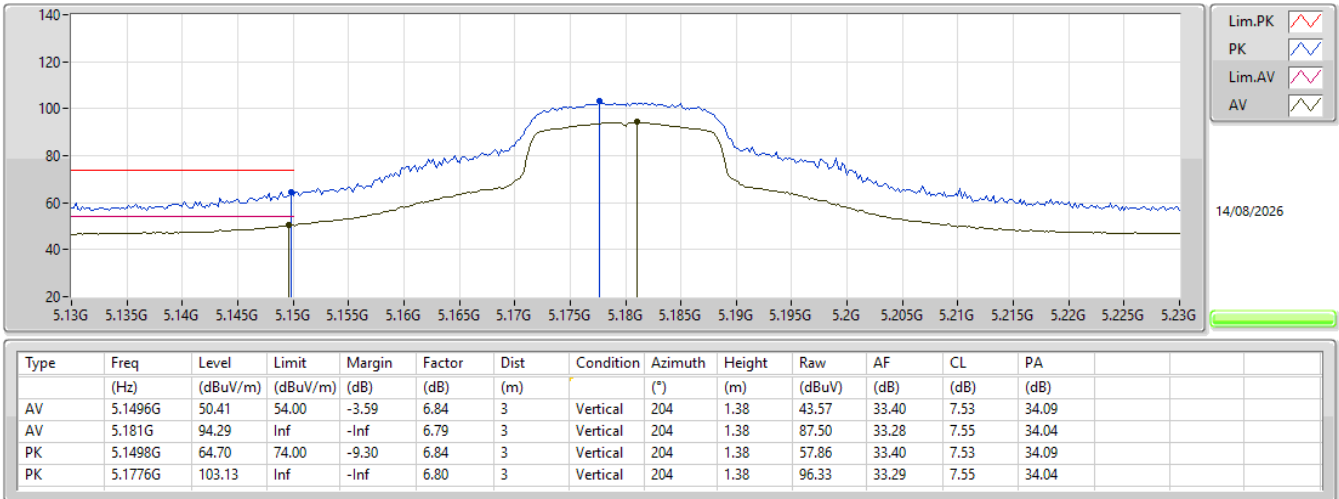
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5190MHz	Pass	PK	10.37912G	56.74	68.20	-11.46	3	Vertical	10	1.50
5190MHz	Pass	PK	10.38872G	57.15	68.20	-11.05	3	Horizontal	274	1.50
5230MHz	Pass	AV	5.15G	52.06	54.00	-1.94	3	Vertical	298	1.05
5230MHz	Pass	AV	5.2288G	96.52	Inf	-Inf	3	Vertical	298	1.05
5230MHz	Pass	PK	5.132G	68.09	74.00	-5.91	3	Vertical	298	1.05
5230MHz	Pass	PK	5.2328G	105.45	Inf	-Inf	3	Vertical	298	1.05
5230MHz	Pass	AV	5.1496G	52.77	54.00	-1.23	3	Horizontal	300	1.36
5230MHz	Pass	AV	5.2284G	96.49	Inf	-Inf	3	Horizontal	300	1.36
5230MHz	Pass	PK	5.1352G	70.13	74.00	-3.87	3	Horizontal	300	1.36
5230MHz	Pass	PK	5.2284G	105.33	Inf	-Inf	3	Horizontal	300	1.36
5230MHz	Pass	PK	10.46792G	57.35	68.20	-10.85	3	Vertical	206	1.50
5230MHz	Pass	PK	10.46056G	57.03	68.20	-11.17	3	Horizontal	108	1.50
5270MHz	Pass	AV	5.2688G	95.93	Inf	-Inf	3	Vertical	298	1.19
5270MHz	Pass	AV	5.3528G	52.18	54.00	-1.82	3	Vertical	298	1.19
5270MHz	Pass	PK	5.2676G	104.76	Inf	-Inf	3	Vertical	298	1.19
5270MHz	Pass	PK	5.3688G	66.92	74.00	-7.08	3	Vertical	298	1.19
5270MHz	Pass	AV	5.2684G	95.80	Inf	-Inf	3	Horizontal	300	1.28
5270MHz	Pass	AV	5.3504G	53.57	54.00	-0.43	3	Horizontal	300	1.28
5270MHz	Pass	PK	5.2676G	104.74	Inf	-Inf	3	Horizontal	300	1.28
5270MHz	Pass	PK	5.3604G	68.53	74.00	-5.47	3	Horizontal	300	1.28
5270MHz	Pass	PK	10.54912G	57.76	68.20	-10.44	3	Vertical	11	2.27
5270MHz	Pass	PK	10.53952G	56.85	68.20	-11.35	3	Horizontal	38	1.33
5310MHz	Pass	AV	5.3116G	91.76	Inf	-Inf	3	Vertical	288	1.90
5310MHz	Pass	AV	5.35G	51.56	54.00	-2.44	3	Vertical	288	1.90
5310MHz	Pass	PK	5.3068G	100.60	Inf	-Inf	3	Vertical	288	1.90
5310MHz	Pass	PK	5.3508G	68.03	74.00	-5.97	3	Vertical	288	1.90
5310MHz	Pass	AV	5.308G	91.52	Inf	-Inf	3	Horizontal	300	1.82
5310MHz	Pass	AV	5.35G	52.39	54.00	-1.61	3	Horizontal	300	1.82
5310MHz	Pass	PK	5.314G	101.35	Inf	-Inf	3	Horizontal	300	1.82
5310MHz	Pass	PK	5.35G	67.52	74.00	-6.48	3	Horizontal	300	1.82
5310MHz	Pass	AV	10.61556G	45.72	54.00	-8.28	3	Vertical	240	1.50
5310MHz	Pass	PK	10.629G	57.56	74.00	-16.44	3	Vertical	240	1.50
5310MHz	Pass	AV	10.62272G	45.60	54.00	-8.40	3	Horizontal	160	1.73
5310MHz	Pass	PK	10.62736G	57.59	74.00	-16.41	3	Horizontal	160	1.73
5510MHz	Pass	AV	5.4596G	48.68	54.00	-5.32	3	Vertical	278	2.82
5510MHz	Pass	AV	5.5112G	90.77	Inf	-Inf	3	Vertical	278	2.82
5510MHz	Pass	PK	5.4552G	60.11	74.00	-13.89	3	Vertical	278	2.82
5510MHz	Pass	PK	5.4688G	66.75	68.20	-1.45	3	Vertical	278	2.82
5510MHz	Pass	PK	5.506G	99.84	Inf	-Inf	3	Vertical	278	2.82
5510MHz	Pass	AV	5.4596G	49.27	54.00	-4.73	3	Horizontal	298	1.19
5510MHz	Pass	AV	5.5084G	93.22	Inf	-Inf	3	Horizontal	298	1.19
5510MHz	Pass	PK	5.46G	61.93	74.00	-12.07	3	Horizontal	298	1.19
5510MHz	Pass	PK	5.4688G	67.72	68.20	-0.48	3	Horizontal	298	1.19
5510MHz	Pass	PK	5.512G	101.67	Inf	-Inf	3	Horizontal	298	1.19
5510MHz	Pass	AV	11.01784G	45.53	54.00	-8.47	3	Vertical	173	1.50
5510MHz	Pass	PK	11.0258G	57.41	74.00	-16.59	3	Vertical	173	1.50
5510MHz	Pass	AV	11.01588G	45.64	54.00	-8.36	3	Horizontal	98	1.03
5510MHz	Pass	PK	11.01688G	57.59	74.00	-16.41	3	Horizontal	98	1.03
5550MHz	Pass	AV	5.4592G	49.53	54.00	-4.47	3	Vertical	277	2.77
5550MHz	Pass	AV	5.5484G	95.42	Inf	-Inf	3	Vertical	277	2.77
5550MHz	Pass	PK	5.4596G	62.14	74.00	-11.86	3	Vertical	277	2.77
5550MHz	Pass	PK	5.468G	62.82	68.20	-5.38	3	Vertical	277	2.77
5550MHz	Pass	PK	5.5548G	104.32	Inf	-Inf	3	Vertical	277	2.77
5550MHz	Pass	AV	5.46G	50.27	54.00	-3.73	3	Horizontal	299	1.88
5550MHz	Pass	AV	5.5516G	97.61	Inf	-Inf	3	Horizontal	299	1.88
5550MHz	Pass	PK	5.4536G	68.84	74.00	-5.16	3	Horizontal	299	1.88
5550MHz	Pass	PK	5.4656G	63.44	68.20	-4.76	3	Horizontal	299	1.88
5550MHz	Pass	PK	5.5512G	106.74	Inf	-Inf	3	Horizontal	299	1.88
5550MHz	Pass	AV	11.10344G	45.20	54.00	-8.80	3	Vertical	144	1.50
5550MHz	Pass	PK	11.1026G	56.79	74.00	-17.21	3	Vertical	144	1.50
5550MHz	Pass	AV	11.09984G	45.34	54.00	-8.66	3	Horizontal	305	1.25
5550MHz	Pass	PK	11.10564G	57.60	74.00	-16.40	3	Horizontal	305	1.25

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5670MHz	Pass	AV	5.6718G	90.33	Inf	-Inf	3	Vertical	282	2.04
5670MHz	Pass	PK	5.6676G	99.22	Inf	-Inf	3	Vertical	282	2.04
5670MHz	Pass	PK	5.727G	62.11	68.20	-6.09	3	Vertical	282	2.04
5670MHz	Pass	AV	5.6718G	95.12	Inf	-Inf	3	Horizontal	297	1.06
5670MHz	Pass	PK	5.6724G	104.77	Inf	-Inf	3	Horizontal	297	1.06
5670MHz	Pass	PK	5.7288G	65.58	68.20	-2.62	3	Horizontal	297	1.06
5670MHz	Pass	AV	11.35236G	46.23	54.00	-7.77	3	Vertical	66	2.19
5670MHz	Pass	PK	11.32524G	57.85	74.00	-16.15	3	Vertical	66	2.19
5670MHz	Pass	AV	11.35392G	46.24	54.00	-7.76	3	Horizontal	280	2.99
5670MHz	Pass	PK	11.34528G	57.63	74.00	-16.37	3	Horizontal	280	2.99
5755MHz	Pass	AV	5.4574G	48.16	54.00	-5.84	3	Vertical	277	2.01
5755MHz	Pass	AV	5.7538G	95.36	Inf	-Inf	3	Vertical	277	2.01
5755MHz	Pass	PK	5.6446G	61.71	68.20	-6.49	3	Vertical	277	2.01
5755MHz	Pass	PK	5.7574G	103.83	Inf	-Inf	3	Vertical	277	2.01
5755MHz	Pass	PK	5.9518G	60.86	68.20	-7.34	3	Vertical	277	2.01
5755MHz	Pass	AV	5.4586G	48.12	54.00	-5.88	3	Horizontal	304	1.00
5755MHz	Pass	AV	5.7574G	101.09	Inf	-Inf	3	Horizontal	304	1.00
5755MHz	Pass	PK	5.6506G	64.89	68.64	-3.75	3	Horizontal	304	1.00
5755MHz	Pass	PK	5.7574G	109.47	Inf	-Inf	3	Horizontal	304	1.00
5755MHz	Pass	PK	5.9614G	64.40	68.20	-3.80	3	Horizontal	304	1.00
5755MHz	Pass	AV	11.52164G	46.28	54.00	-7.72	3	Vertical	274	1.50
5755MHz	Pass	PK	11.50802G	58.72	74.00	-15.28	3	Vertical	274	1.50
5755MHz	Pass	AV	11.51882G	46.34	54.00	-7.66	3	Horizontal	171	1.77
5755MHz	Pass	PK	11.5103G	57.60	74.00	-16.40	3	Horizontal	171	1.77
5795MHz	Pass	AV	5.7962G	95.94	Inf	-Inf	3	Vertical	275	2.77
5795MHz	Pass	PK	5.5418G	60.57	68.20	-7.63	3	Vertical	275	2.77
5795MHz	Pass	PK	5.7974G	104.64	Inf	-Inf	3	Vertical	275	2.77
5795MHz	Pass	PK	5.9366G	62.07	68.20	-6.13	3	Vertical	275	2.77
5795MHz	Pass	AV	5.7938G	100.42	Inf	-Inf	3	Horizontal	296	1.02
5795MHz	Pass	PK	5.6522G	64.56	69.83	-5.27	3	Horizontal	296	1.02
5795MHz	Pass	PK	5.7974G	109.58	Inf	-Inf	3	Horizontal	296	1.02
5795MHz	Pass	PK	5.9246G	62.86	68.50	-5.64	3	Horizontal	296	1.02
5795MHz	Pass	AV	11.59678G	45.89	54.00	-8.11	3	Vertical	259	1.60
5795MHz	Pass	PK	11.5897G	56.90	74.00	-17.10	3	Vertical	259	1.60
5795MHz	Pass	AV	11.5846G	45.72	54.00	-8.28	3	Horizontal	4	1.14
5795MHz	Pass	PK	11.58712G	57.76	74.00	-16.24	3	Horizontal	4	1.14
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149G	52.81	54.00	-1.19	3	Vertical	298	1.12
5210MHz	Pass	AV	5.215G	87.71	Inf	-Inf	3	Vertical	298	1.12
5210MHz	Pass	AV	5.457G	49.50	54.00	-4.50	3	Vertical	298	1.12
5210MHz	Pass	PK	5.148G	67.08	74.00	-6.92	3	Vertical	298	1.12
5210MHz	Pass	PK	5.205G	96.52	Inf	-Inf	3	Vertical	298	1.12
5210MHz	Pass	PK	5.381G	60.26	74.00	-13.74	3	Vertical	298	1.12
5210MHz	Pass	AV	5.147G	53.57	54.00	-0.43	3	Horizontal	300	1.24
5210MHz	Pass	AV	5.207G	87.31	Inf	-Inf	3	Horizontal	300	1.24
5210MHz	Pass	AV	5.443G	49.65	54.00	-4.35	3	Horizontal	300	1.24
5210MHz	Pass	PK	5.146G	66.92	74.00	-7.08	3	Horizontal	300	1.24
5210MHz	Pass	PK	5.198G	96.71	Inf	-Inf	3	Horizontal	300	1.24
5210MHz	Pass	PK	5.443G	60.55	74.00	-13.45	3	Horizontal	300	1.24
5210MHz	Pass	PK	10.41994G	56.74	68.20	-11.46	3	Vertical	187	1.48
5210MHz	Pass	PK	10.43308G	56.60	68.20	-11.60	3	Horizontal	225	1.50
5290MHz	Pass	AV	5.071G	48.25	54.00	-5.75	3	Vertical	298	1.01
5290MHz	Pass	AV	5.291G	88.10	Inf	-Inf	3	Vertical	298	1.01
5290MHz	Pass	AV	5.352G	52.93	54.00	-1.07	3	Vertical	298	1.01
5290MHz	Pass	PK	5.089G	58.78	74.00	-15.22	3	Vertical	298	1.01
5290MHz	Pass	PK	5.283G	96.87	Inf	-Inf	3	Vertical	298	1.01
5290MHz	Pass	PK	5.365G	64.42	74.00	-9.58	3	Vertical	298	1.01
5290MHz	Pass	PK	5.463G	60.44	68.20	-7.76	3	Vertical	298	1.01
5290MHz	Pass	AV	5.136G	48.43	54.00	-5.57	3	Horizontal	302	1.88
5290MHz	Pass	AV	5.293G	88.59	Inf	-Inf	3	Horizontal	302	1.88
5290MHz	Pass	AV	5.35G	53.81	54.00	-0.19	3	Horizontal	302	1.88
5290MHz	Pass	PK	5.128G	60.15	74.00	-13.85	3	Horizontal	302	1.88

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5290MHz	Pass	PK	5.283G	97.28	Inf	-Inf	3	Horizontal	302	1.88
5290MHz	Pass	PK	5.351G	66.09	74.00	-7.91	3	Horizontal	302	1.88
5290MHz	Pass	PK	5.509G	60.44	68.20	-7.76	3	Horizontal	302	1.88
5290MHz	Pass	PK	10.59242G	57.18	68.20	-11.02	3	Vertical	197	1.50
5290MHz	Pass	PK	10.58582G	56.58	68.20	-11.62	3	Horizontal	29	1.07
5530MHz	Pass	AV	5.35G	48.55	54.00	-5.45	3	Vertical	277	2.80
5530MHz	Pass	AV	5.459G	52.01	54.00	-1.99	3	Vertical	277	2.80
5530MHz	Pass	AV	5.531G	87.25	Inf	-Inf	3	Vertical	277	2.80
5530MHz	Pass	PK	5.312G	59.35	68.20	-8.85	3	Vertical	277	2.80
5530MHz	Pass	PK	5.459G	62.95	74.00	-11.05	3	Vertical	277	2.80
5530MHz	Pass	PK	5.465G	67.15	68.20	-1.05	3	Vertical	277	2.80
5530MHz	Pass	PK	5.538G	96.20	Inf	-Inf	3	Vertical	277	2.80
5530MHz	Pass	PK	5.76G	60.07	68.20	-8.13	3	Vertical	277	2.80
5530MHz	Pass	AV	5.35G	48.18	54.00	-5.82	3	Horizontal	299	1.13
5530MHz	Pass	AV	5.459G	52.98	54.00	-1.02	3	Horizontal	299	1.13
5530MHz	Pass	AV	5.528G	89.38	Inf	-Inf	3	Horizontal	299	1.13
5530MHz	Pass	PK	5.345G	59.71	68.20	-8.49	3	Horizontal	299	1.13
5530MHz	Pass	PK	5.458G	65.15	74.00	-8.85	3	Horizontal	299	1.13
5530MHz	Pass	PK	5.461G	67.83	68.20	-0.37	3	Horizontal	299	1.13
5530MHz	Pass	PK	5.527G	98.02	Inf	-Inf	3	Horizontal	299	1.13
5530MHz	Pass	PK	5.764G	60.91	68.20	-7.29	3	Horizontal	299	1.13
5530MHz	Pass	AV	11.05466G	46.15	54.00	-7.85	3	Vertical	0	2.32
5530MHz	Pass	PK	11.0708G	56.52	74.00	-17.48	3	Vertical	0	2.32
5530MHz	Pass	AV	11.05172G	46.24	54.00	-7.76	3	Horizontal	257	2.40
5530MHz	Pass	PK	11.05304G	56.76	74.00	-17.24	3	Horizontal	257	2.40
5775MHz	Pass	AV	5.7762G	91.03	Inf	-Inf	3	Vertical	278	2.50
5775MHz	Pass	PK	5.643G	63.48	68.20	-4.72	3	Vertical	278	2.50
5775MHz	Pass	PK	5.7738G	99.81	Inf	-Inf	3	Vertical	278	2.50
5775MHz	Pass	PK	5.9262G	64.00	68.20	-4.20	3	Vertical	278	2.50
5775MHz	Pass	AV	5.7786G	95.95	Inf	-Inf	3	Horizontal	305	1.07
5775MHz	Pass	PK	5.6466G	66.28	68.20	-1.92	3	Horizontal	305	1.07
5775MHz	Pass	PK	5.7798G	104.95	Inf	-Inf	3	Horizontal	305	1.07
5775MHz	Pass	PK	5.925G	67.46	68.20	-0.74	3	Horizontal	305	1.07
5775MHz	Pass	AV	11.55348G	47.36	54.00	-6.64	3	Vertical	58	2.20
5775MHz	Pass	PK	11.54754G	57.63	74.00	-16.37	3	Vertical	58	2.20
5775MHz	Pass	AV	11.55522G	47.01	54.00	-6.99	3	Horizontal	199	1.50
5775MHz	Pass	PK	11.54586G	57.36	74.00	-16.64	3	Horizontal	199	1.50

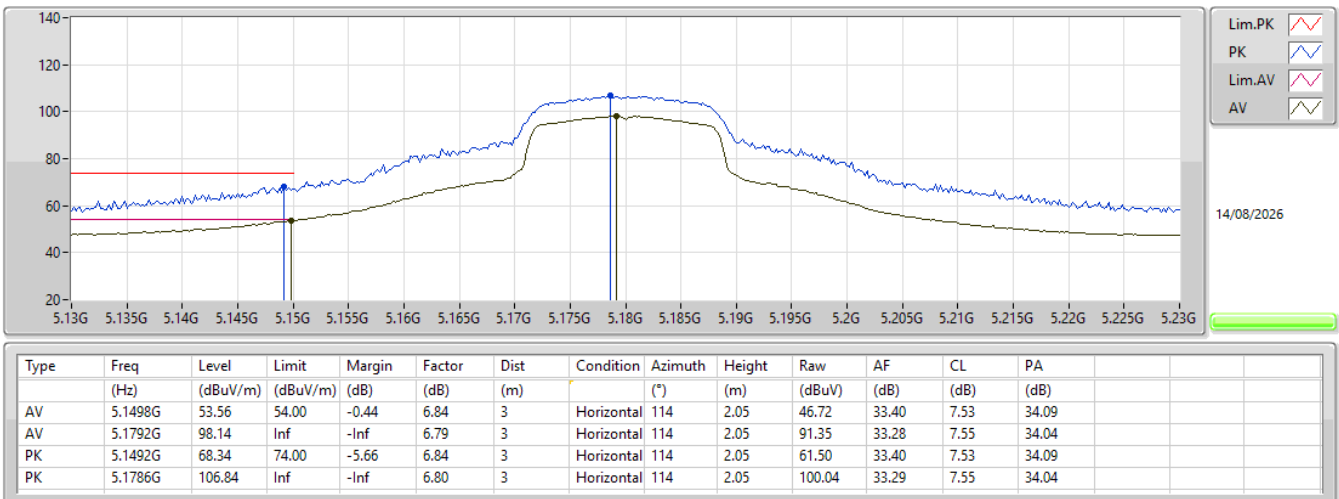
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



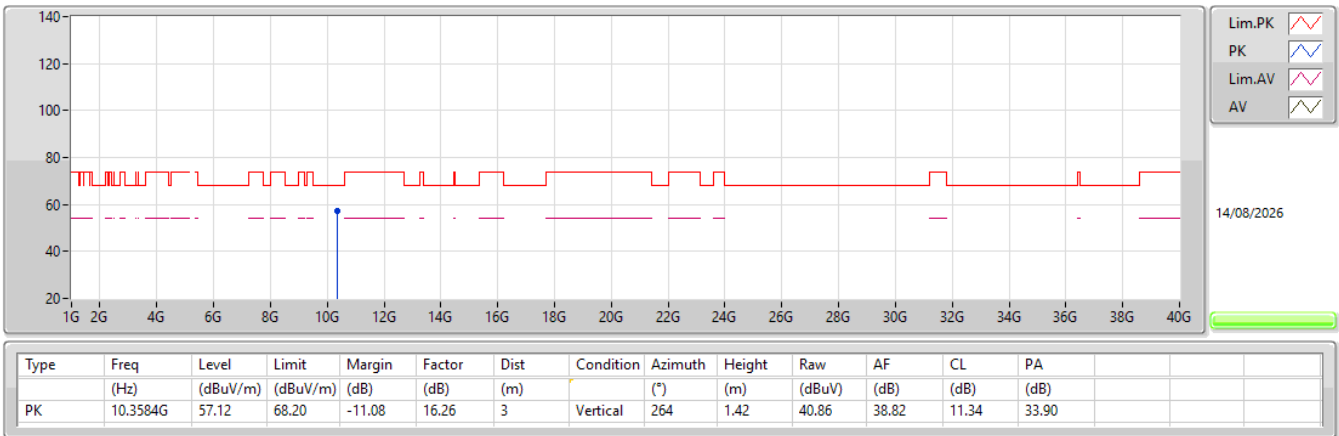
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5180MHz_TX



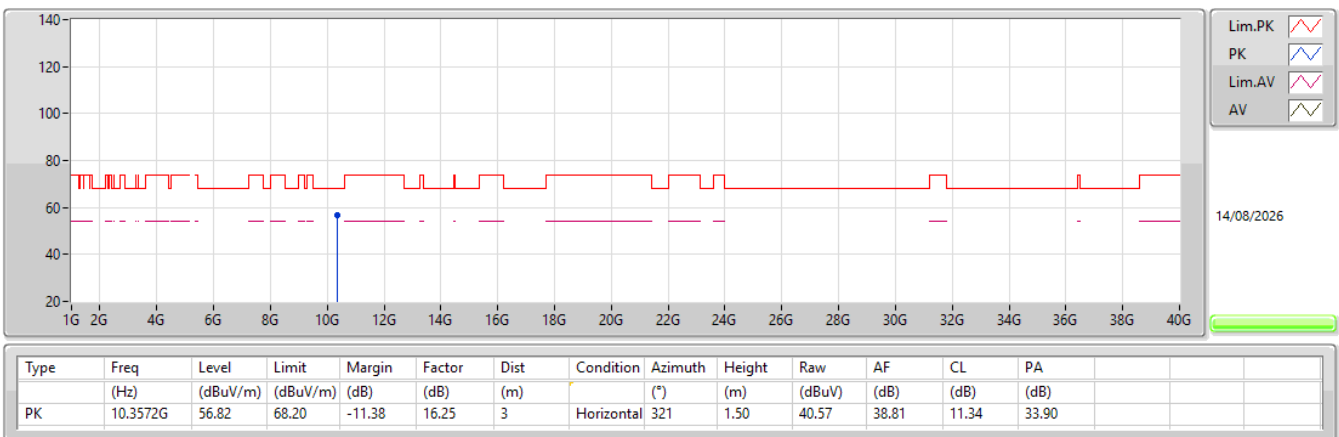
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5180MHz_TX



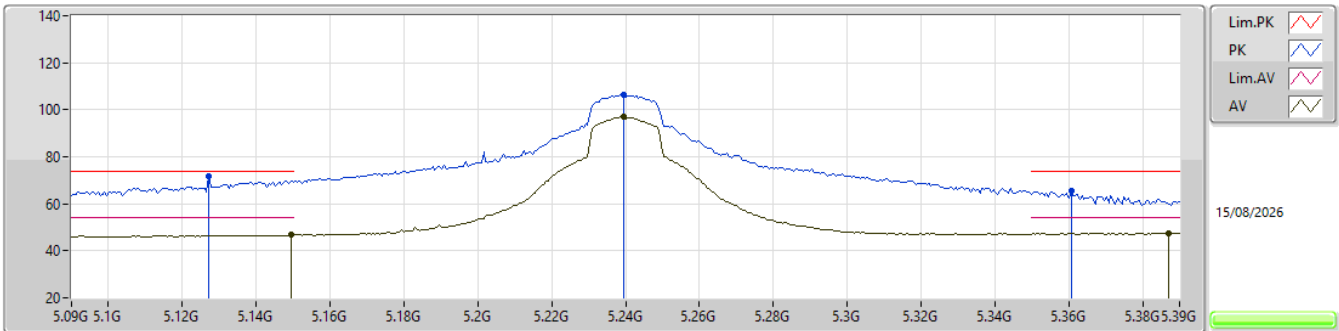
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5180MHz_TX



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

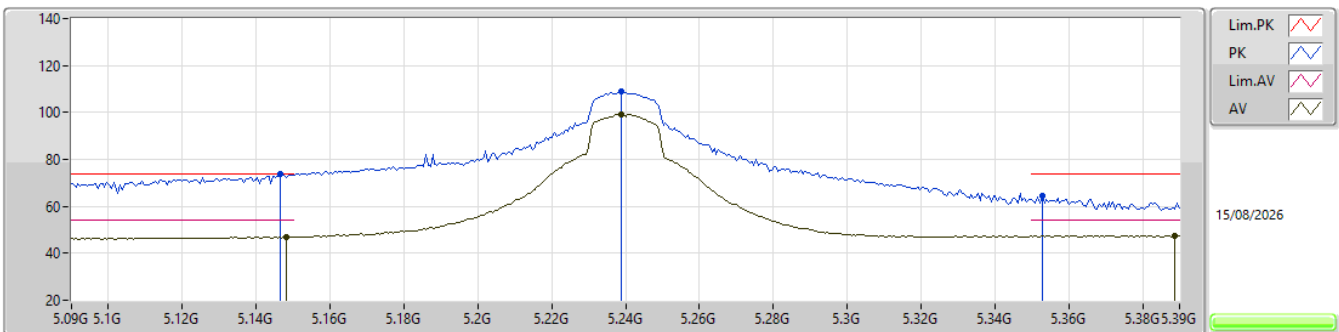
5240MHz_TX



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	5.1494G	46.77	54.00	-7.23	6.84	3	Vertical	204	1.27	39.93	33.40	7.53	34.09
AV	5.2394G	96.92	Inf	-Inf	6.71	3	Vertical	204	1.27	90.21	33.04	7.60	33.93
AV	5.387G	47.54	54.00	-6.46	6.96	3	Vertical	204	1.27	40.58	32.93	7.71	33.68
PK	5.1272G	71.66	74.00	-2.34	6.64	3	Vertical	204	1.27	65.02	33.26	7.51	34.13
PK	5.2394G	106.40	Inf	-Inf	6.71	3	Vertical	204	1.27	99.69	33.04	7.60	33.93
PK	5.3606G	65.27	74.00	-8.73	6.95	3	Vertical	204	1.27	58.32	32.98	7.69	33.72

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

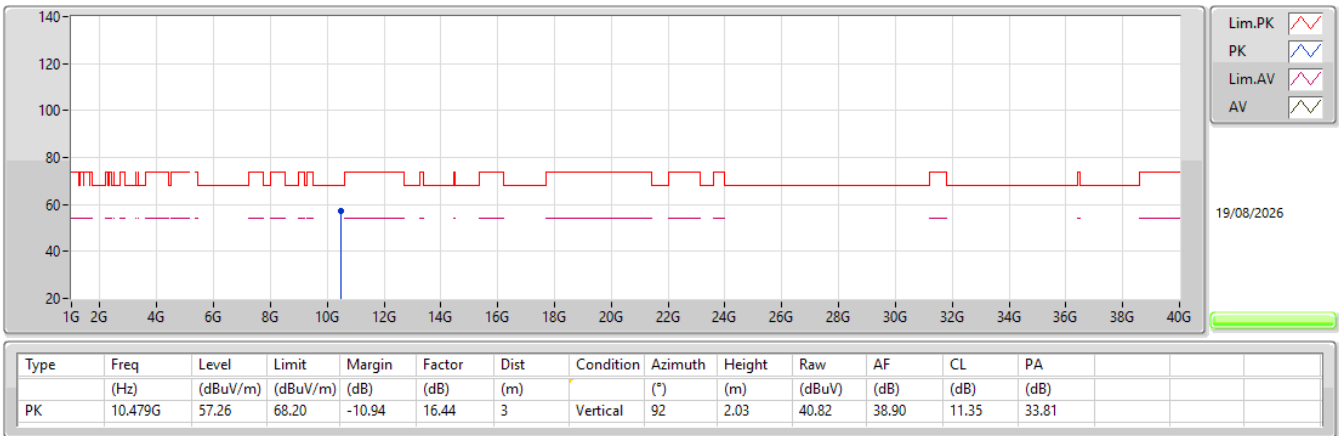
5240MHz_TX



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	5.1482G	46.97	54.00	-7.03	6.83	3	Horizontal	113	2.13	40.14	33.39	7.53	34.09
AV	5.2388G	99.24	Inf	-Inf	6.71	3	Horizontal	113	2.13	92.53	33.04	7.60	33.93
AV	5.3888G	47.48	54.00	-6.52	6.96	3	Horizontal	113	2.13	40.52	32.92	7.71	33.67
PK	5.1464G	73.54	74.00	-0.46	6.81	3	Horizontal	113	2.13	66.73	33.38	7.53	34.10
PK	5.2388G	108.83	Inf	-Inf	6.71	3	Horizontal	113	2.13	102.12	33.04	7.60	33.93
PK	5.3528G	64.44	74.00	-9.56	6.93	3	Horizontal	113	2.13	57.51	32.99	7.68	33.74

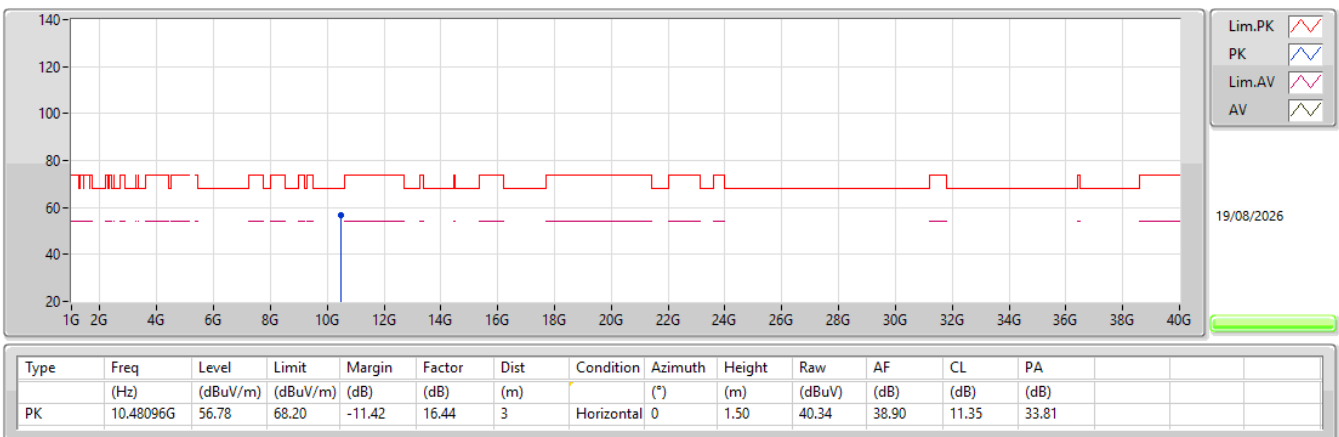
5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX



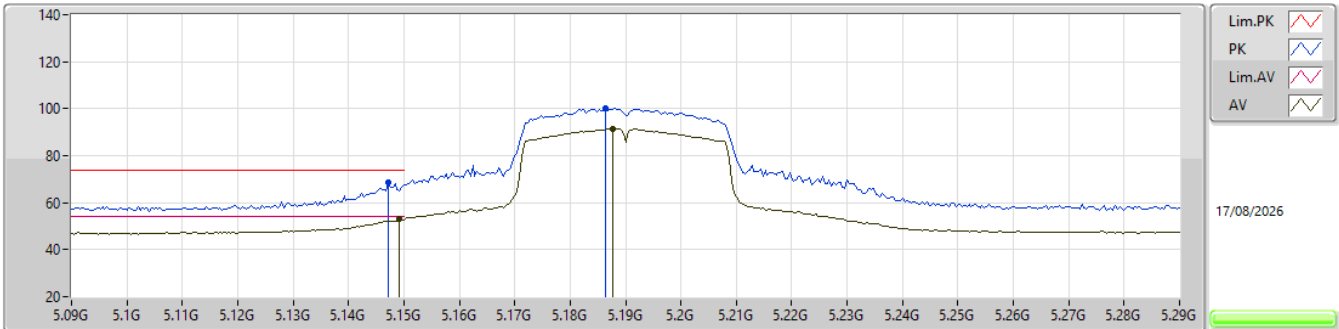
5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX



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

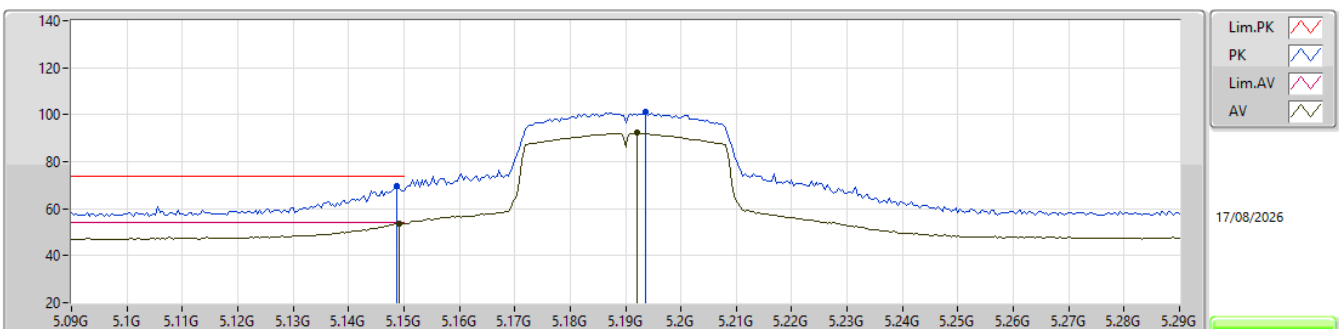
5190MHz_TX



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	5.1492G	52.87	54.00	-1.13	6.84	3	Vertical	299	1.24	46.03	33.40	7.53	34.09
AV	5.1876G	91.38	Inf	-Inf	6.79	3	Vertical	299	1.24	84.59	33.25	7.56	34.02
PK	5.1472G	68.77	74.00	-5.23	6.82	3	Vertical	299	1.24	61.95	33.38	7.53	34.09
PK	5.1864G	100.26	Inf	-Inf	6.78	3	Vertical	299	1.24	93.48	33.25	7.56	34.03

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

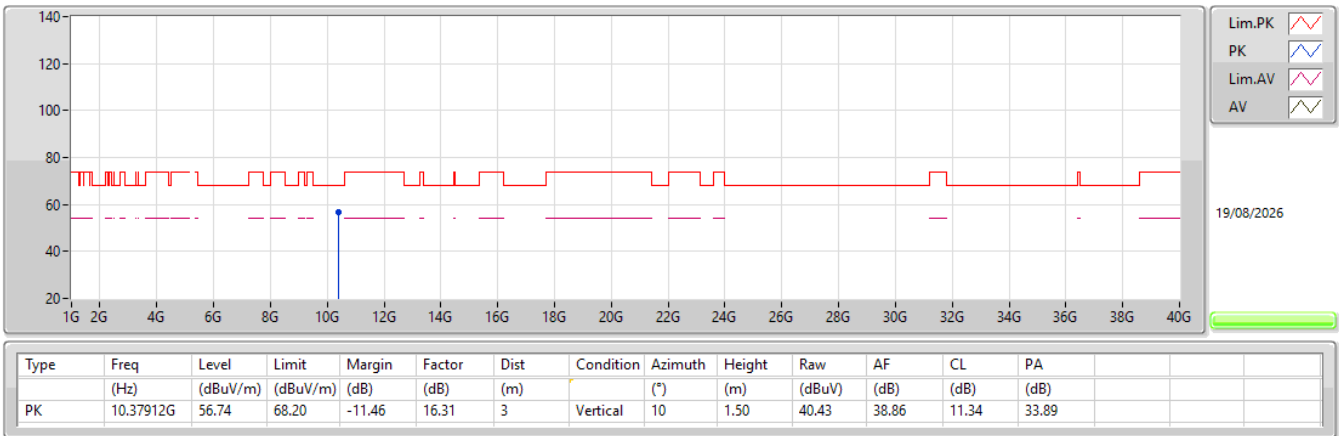
5190MHz_TX



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	5.1492G	53.74	54.00	-0.26	6.84	3	Horizontal	302	1.79	46.90	33.40	7.53	34.09
AV	5.192G	92.16	Inf	-Inf	6.77	3	Horizontal	302	1.79	85.39	33.23	7.56	34.02
PK	5.1488G	69.88	74.00	-4.12	6.83	3	Horizontal	302	1.79	63.05	33.39	7.53	34.09
PK	5.1936G	101.08	Inf	-Inf	6.78	3	Horizontal	302	1.79	94.30	33.23	7.56	34.01

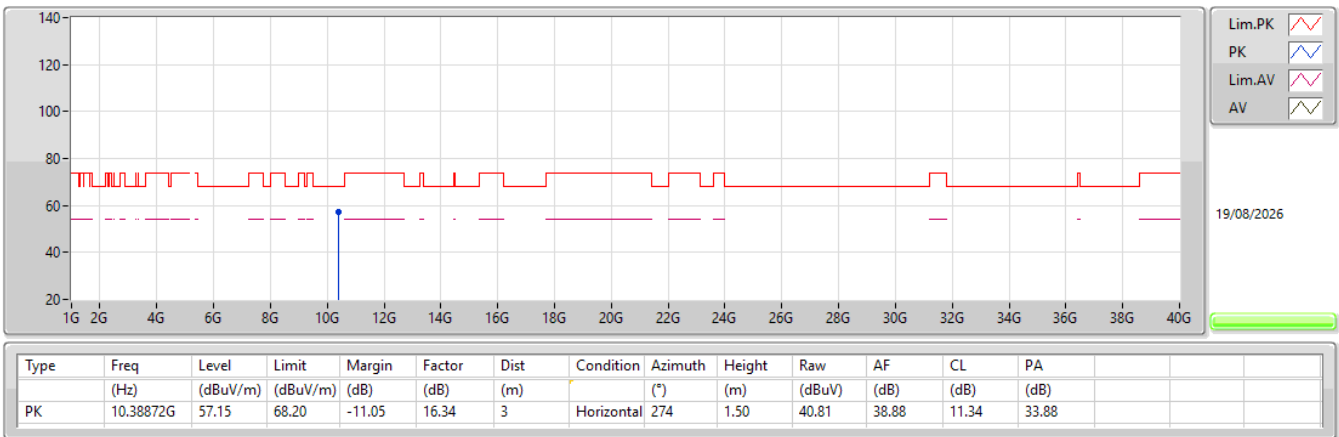
5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX



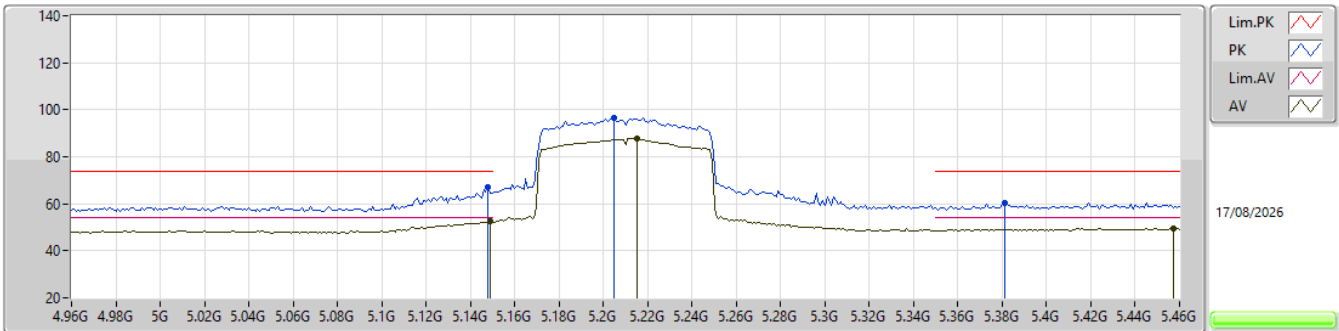
5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX



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

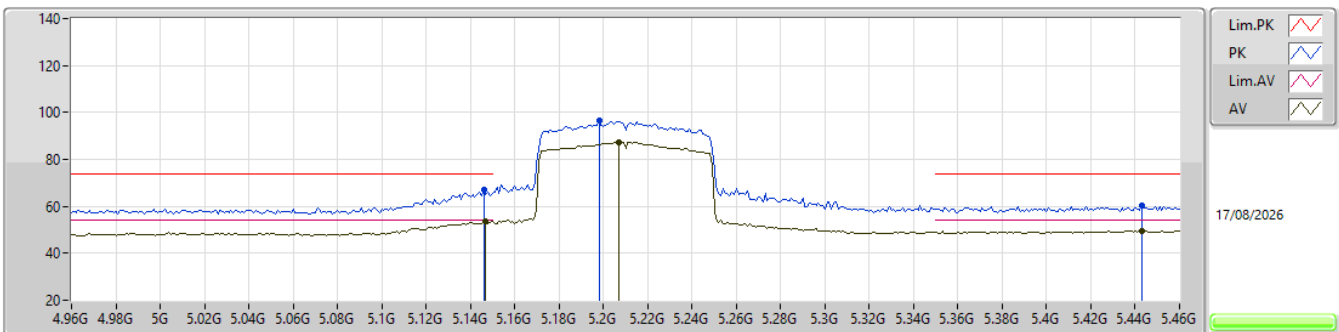
5210MHz_TX



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	5.149G	52.81	54.00	-1.19	6.83	3	Vertical	298	1.12	45.98	33.39	7.53	34.09
AV	5.215G	87.71	Inf	-Inf	6.74	3	Vertical	298	1.12	80.97	33.14	7.58	33.98
AV	5.457G	49.50	54.00	-4.50	7.22	3	Vertical	298	1.12	42.28	33.00	7.77	33.55
PK	5.148G	67.08	74.00	-6.92	6.83	3	Vertical	298	1.12	60.25	33.39	7.53	34.09
PK	5.205G	96.52	Inf	-Inf	6.76	3	Vertical	298	1.12	89.76	33.18	7.57	33.99
PK	5.381G	60.26	74.00	-13.74	6.96	3	Vertical	298	1.12	53.30	32.94	7.71	33.69

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

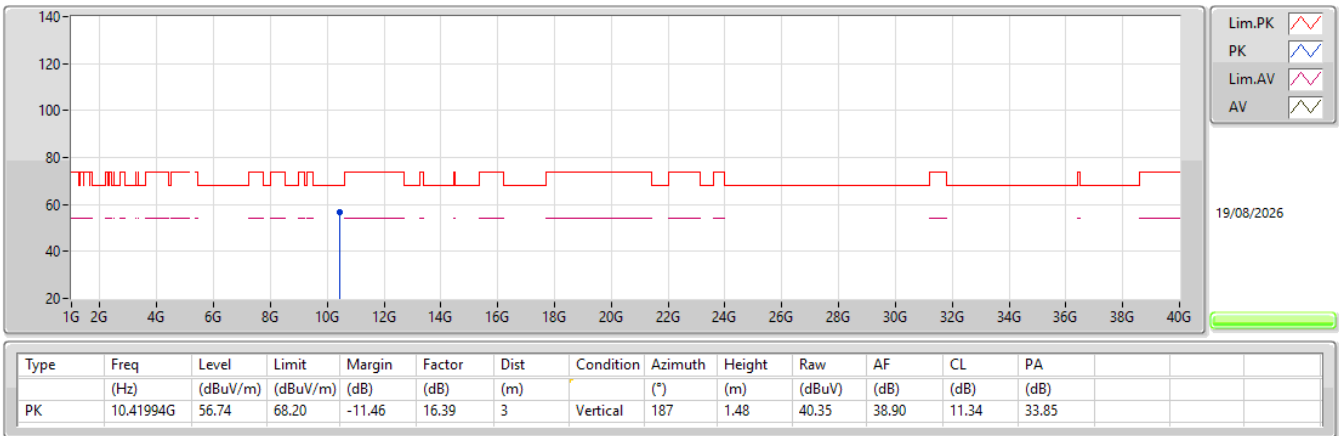
5210MHz_TX



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	5.147G	53.57	54.00	-0.43	6.82	3	Horizontal	300	1.24	46.75	33.38	7.53	34.09
AV	5.207G	87.31	Inf	-Inf	6.76	3	Horizontal	300	1.24	80.55	33.17	7.58	33.99
AV	5.443G	49.65	54.00	-4.35	7.17	3	Horizontal	300	1.24	42.48	32.99	7.76	33.58
PK	5.146G	66.92	74.00	-7.08	6.81	3	Horizontal	300	1.24	60.11	33.38	7.53	34.10
PK	5.198G	96.71	Inf	-Inf	6.77	3	Horizontal	300	1.24	89.94	33.21	7.57	34.01
PK	5.443G	60.55	74.00	-13.45	7.17	3	Horizontal	300	1.24	53.38	32.99	7.76	33.58

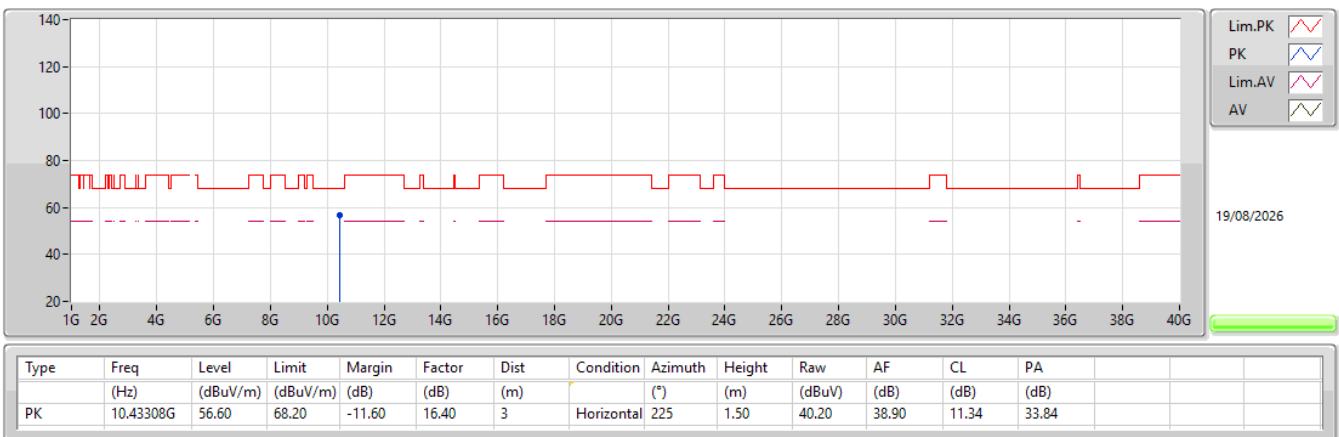
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5210MHz_TX



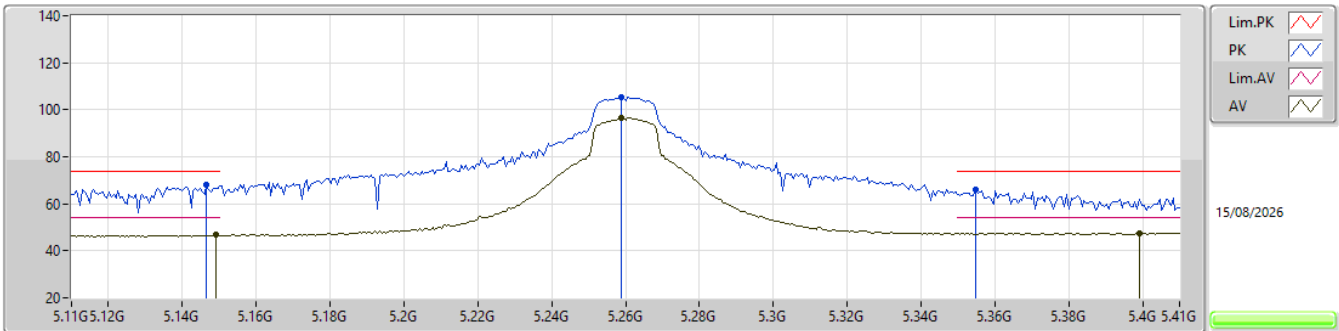
5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX



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

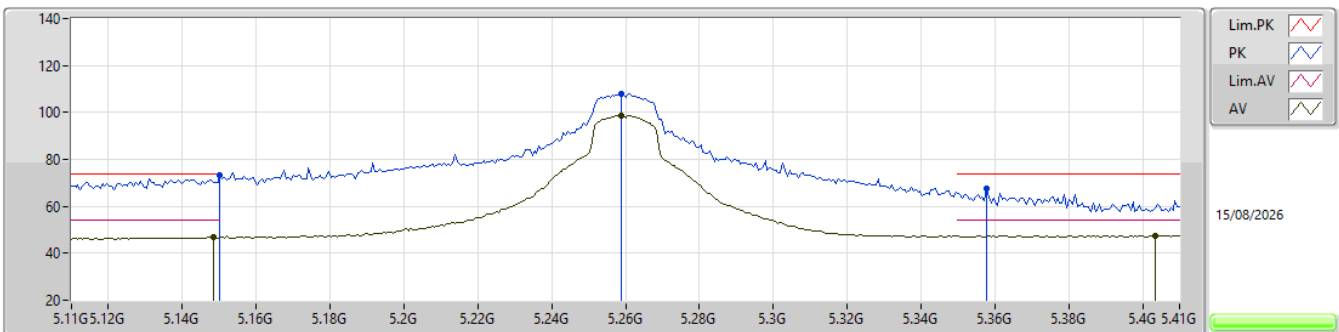
5260MHz_TX



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	5.149G	46.81	54.00	-7.19	6.83	3	Vertical	205	1.29	39.98	33.39	7.53	34.09
AV	5.2588G	96.67	Inf	-Inf	6.69	3	Vertical	205	1.29	89.98	32.98	7.61	33.90
AV	5.3992G	47.59	54.00	-6.41	6.96	3	Vertical	205	1.29	40.63	32.90	7.72	33.66
PK	5.1466G	68.08	74.00	-5.92	6.82	3	Vertical	205	1.29	61.26	33.38	7.53	34.09
PK	5.2588G	105.34	Inf	-Inf	6.69	3	Vertical	205	1.29	98.65	32.98	7.61	33.90
PK	5.3548G	65.84	74.00	-8.16	6.95	3	Vertical	205	1.29	58.89	32.99	7.69	33.73

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

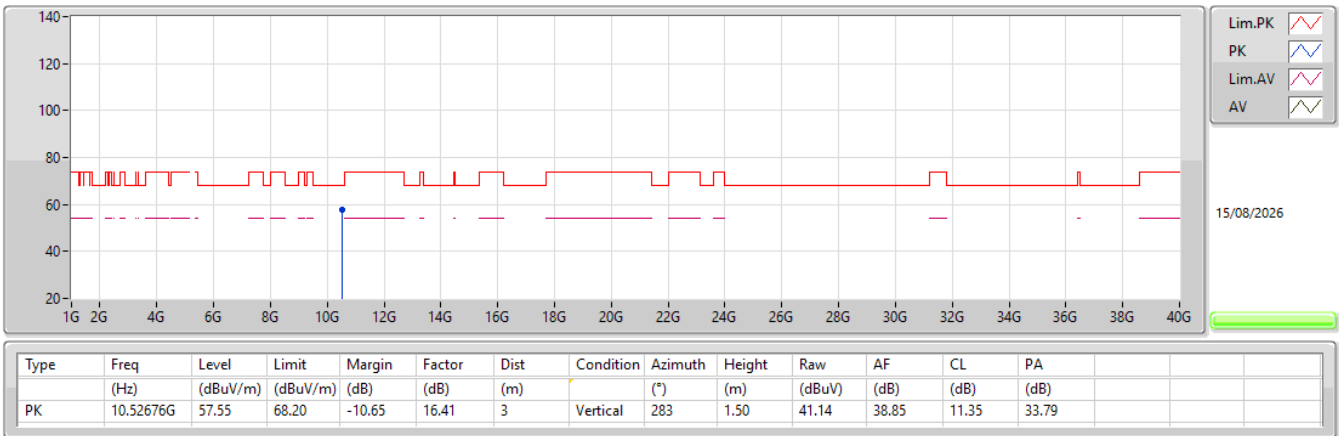
5260MHz_TX



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	46.98	54.00	-7.02	6.83	3	Horizontal	113	1.91	40.15	33.39	7.53	34.09
AV	5.2588G	98.87	Inf	-Inf	6.69	3	Horizontal	113	1.91	92.18	32.98	7.61	33.90
AV	5.4034G	47.43	54.00	-6.57	6.98	3	Horizontal	113	1.91	40.45	32.91	7.72	33.65
PK	5.15G	73.42	74.00	-0.58	6.84	3	Horizontal	113	1.91	66.58	33.40	7.53	34.09
PK	5.2588G	107.96	Inf	-Inf	6.69	3	Horizontal	113	1.91	101.27	32.98	7.61	33.90
PK	5.3578G	67.40	74.00	-6.60	6.94	3	Horizontal	113	1.91	60.46	32.98	7.69	33.73

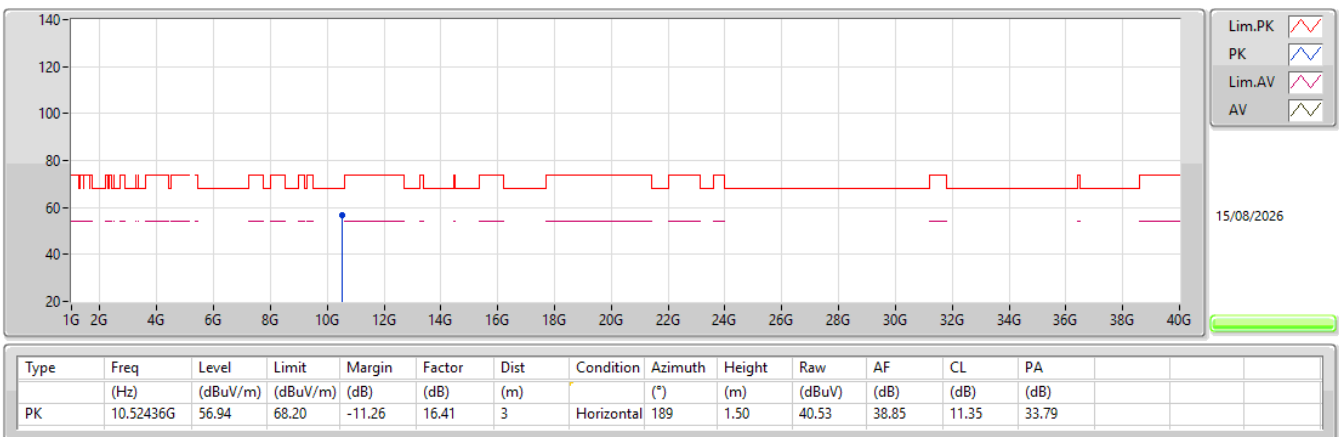
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX



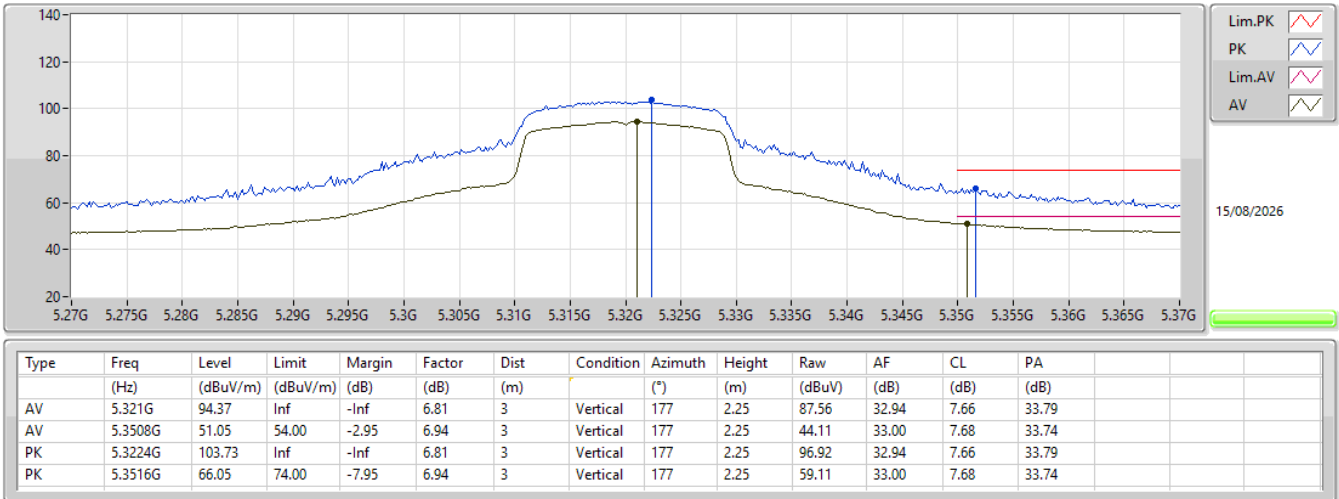
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX



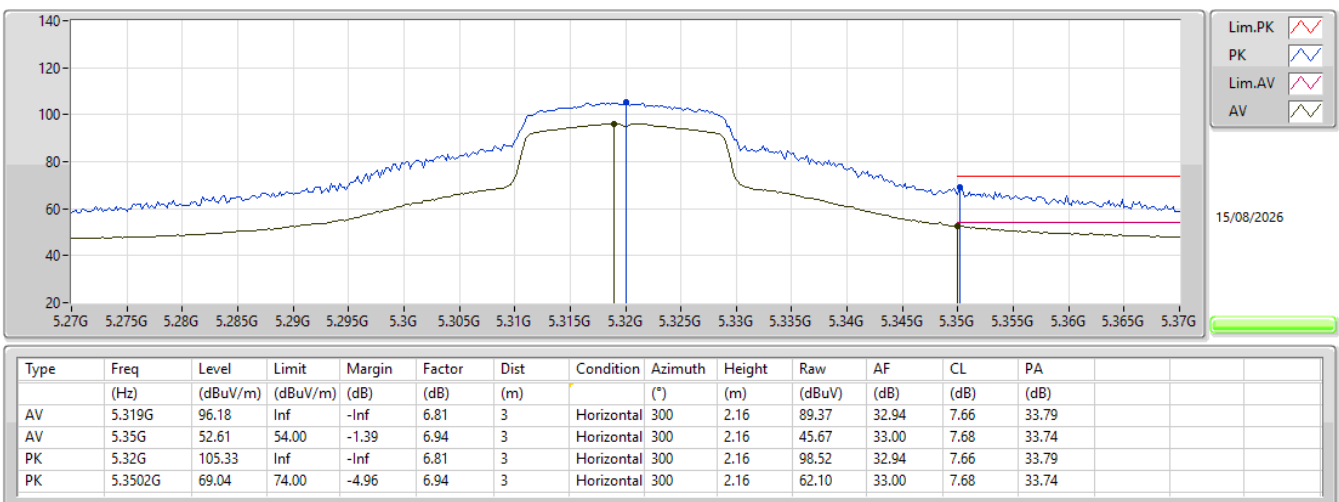
5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5320MHz_TX



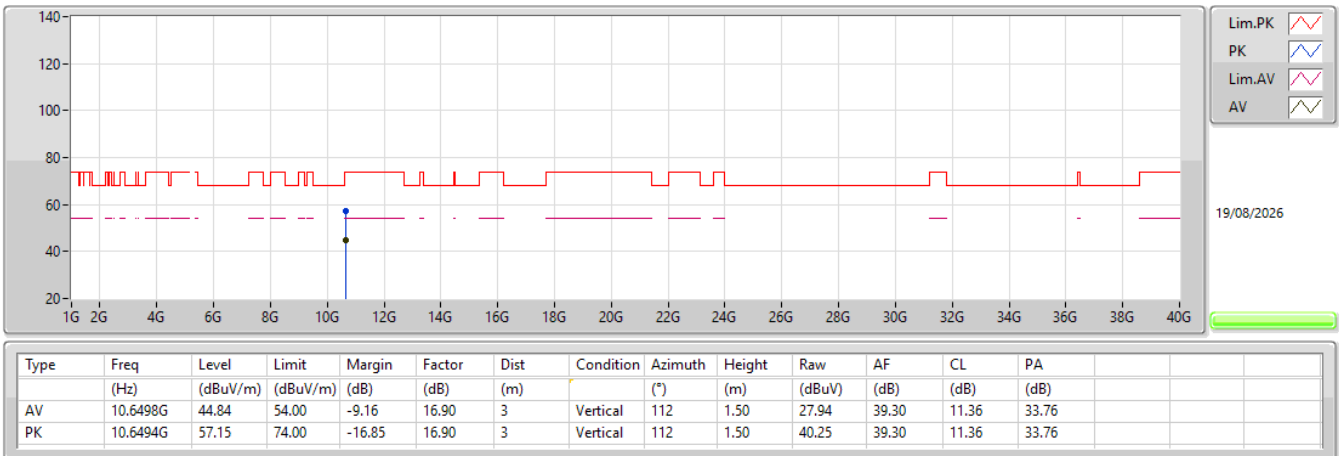
5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5320MHz_TX



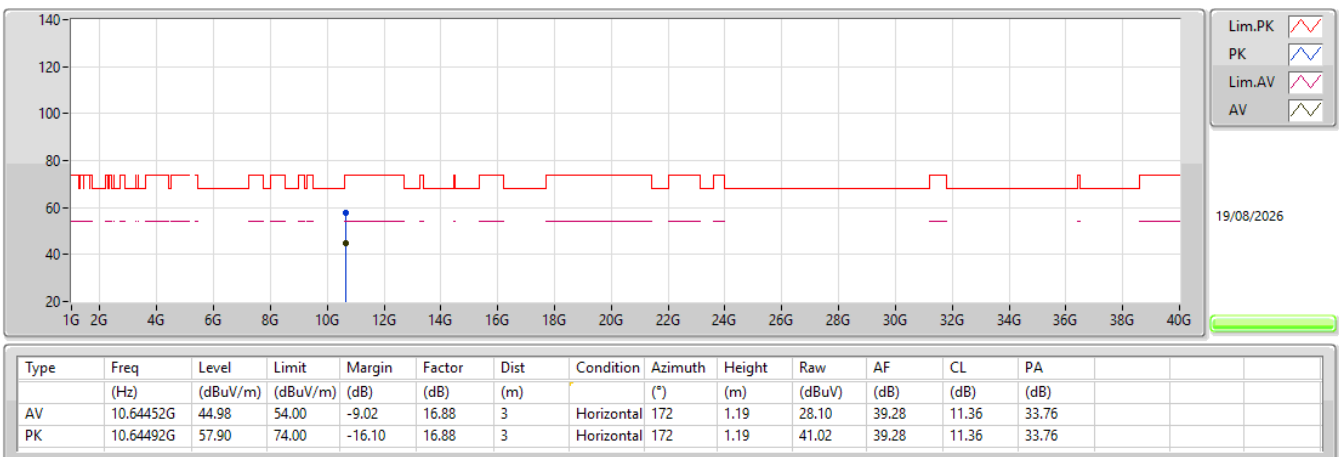
5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5320MHz_TX



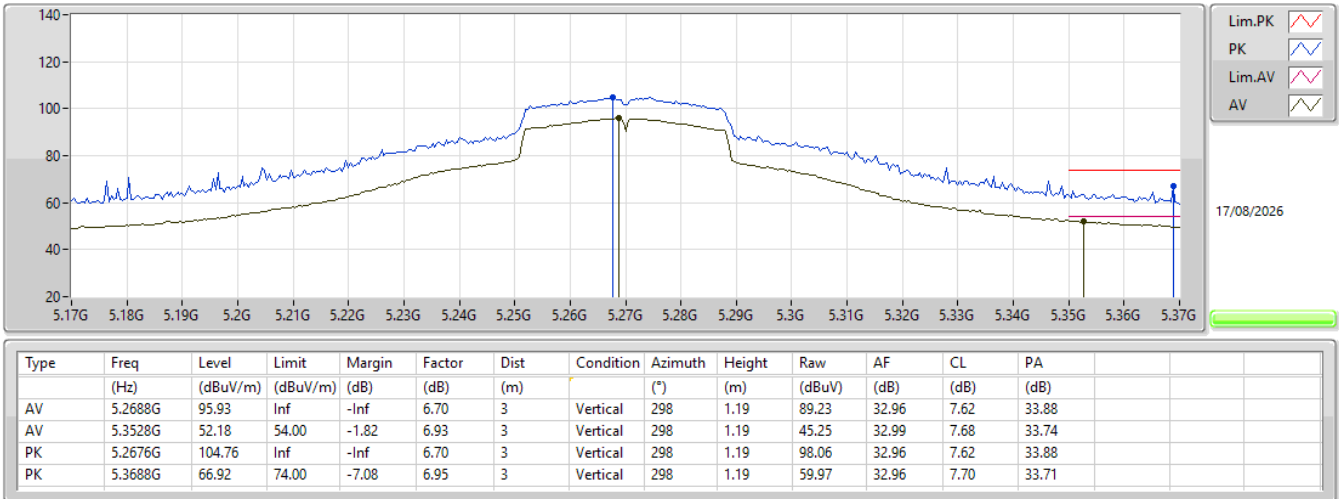
5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5320MHz_TX



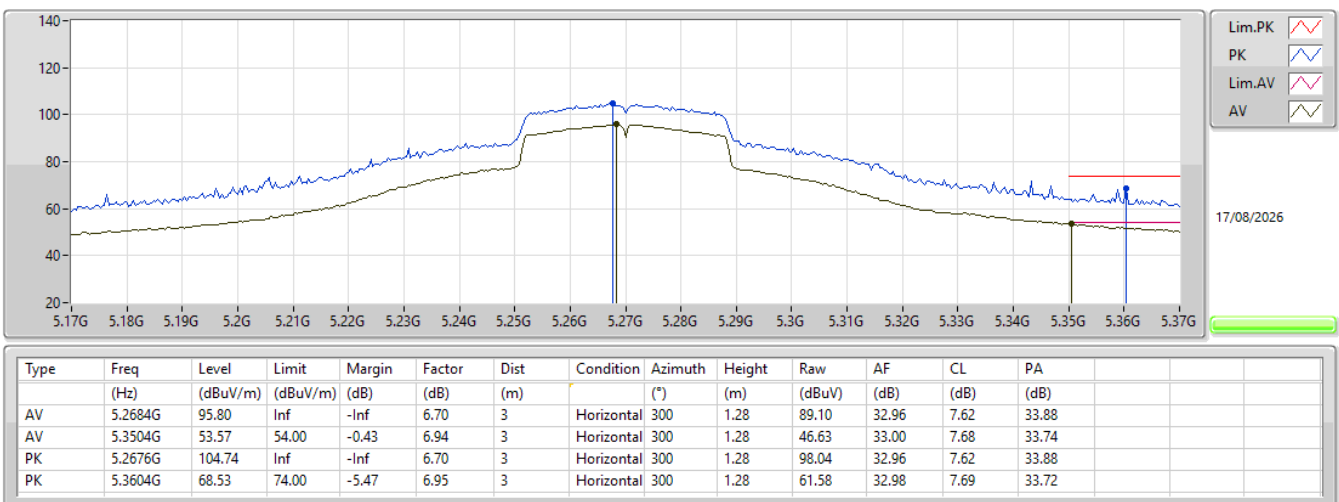
5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5270MHz_TX



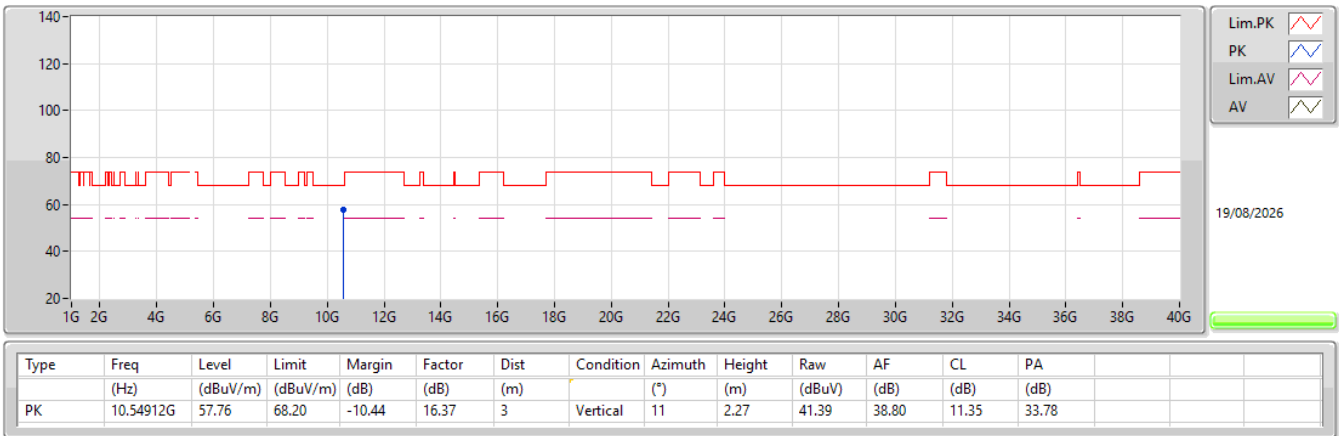
5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5270MHz_TX



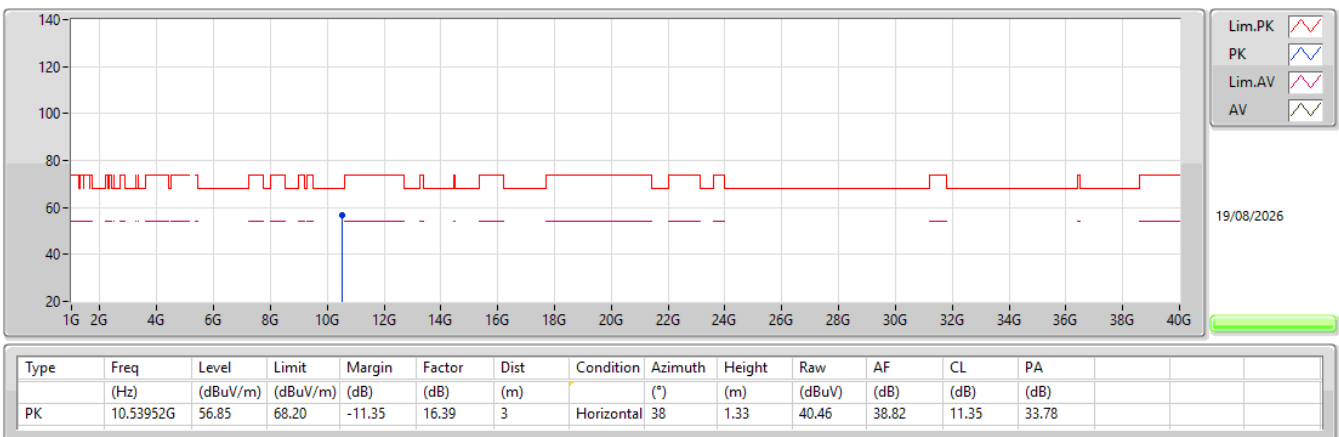
5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX



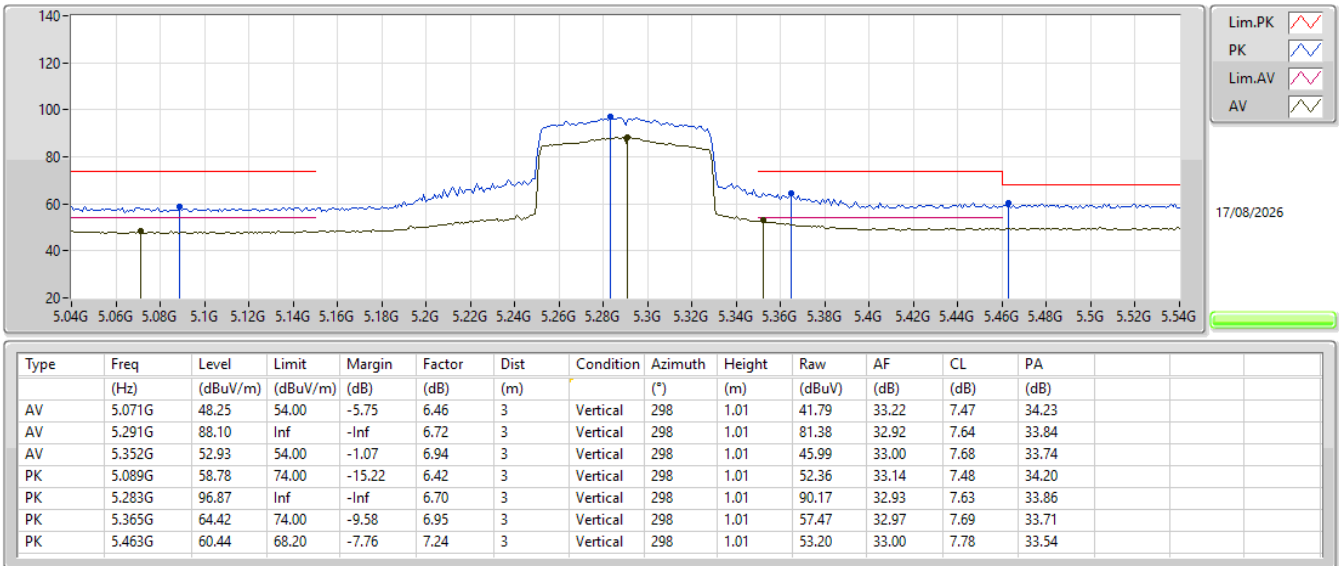
5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX



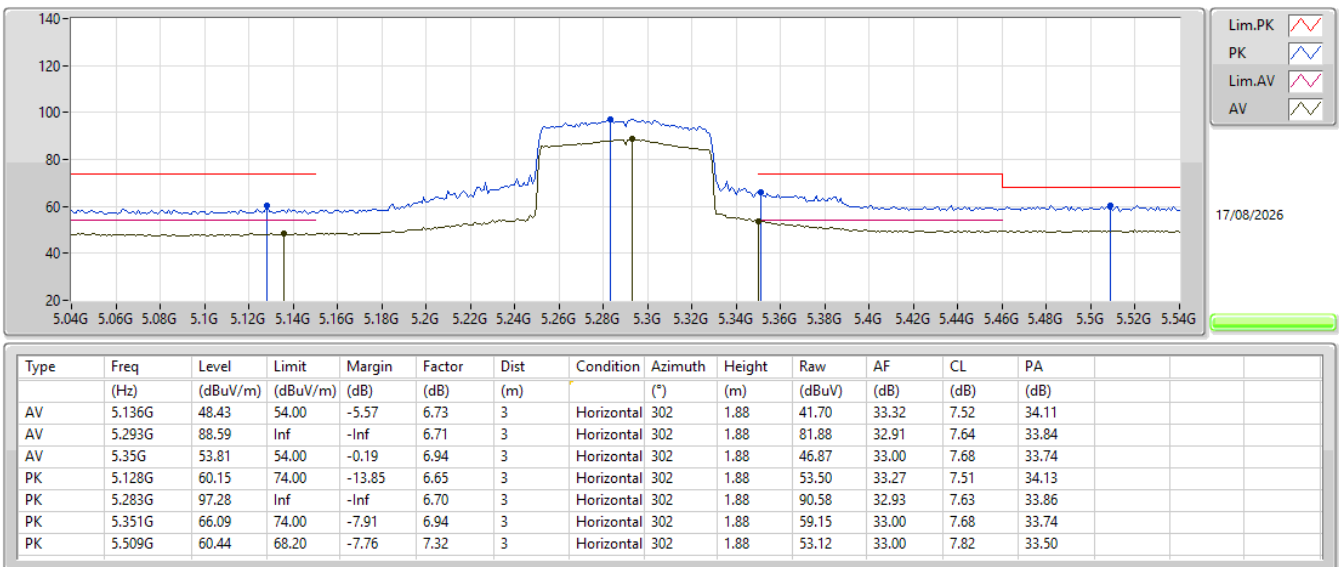
5.25-5.35GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

5290MHz_TX



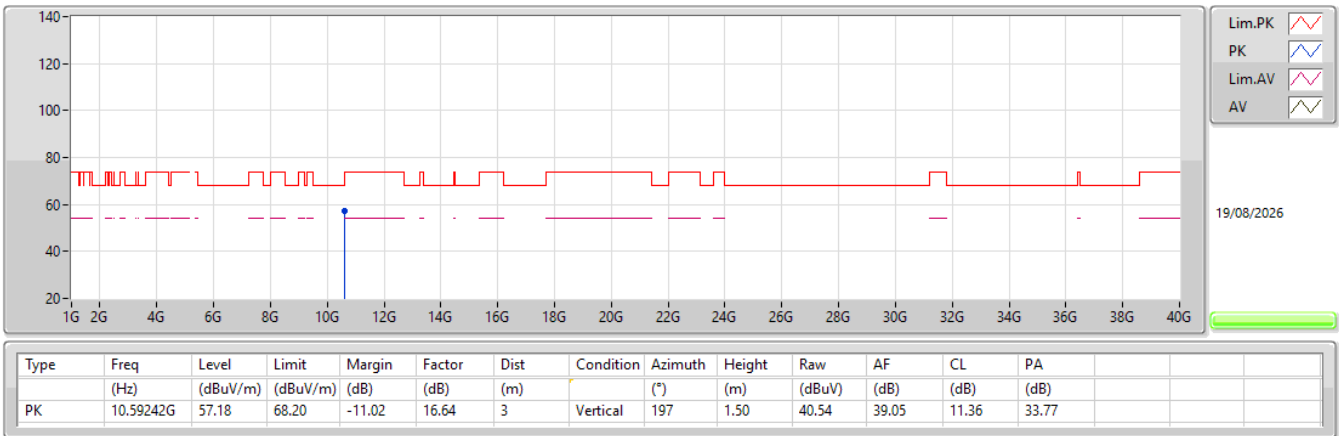
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5290MHz_TX



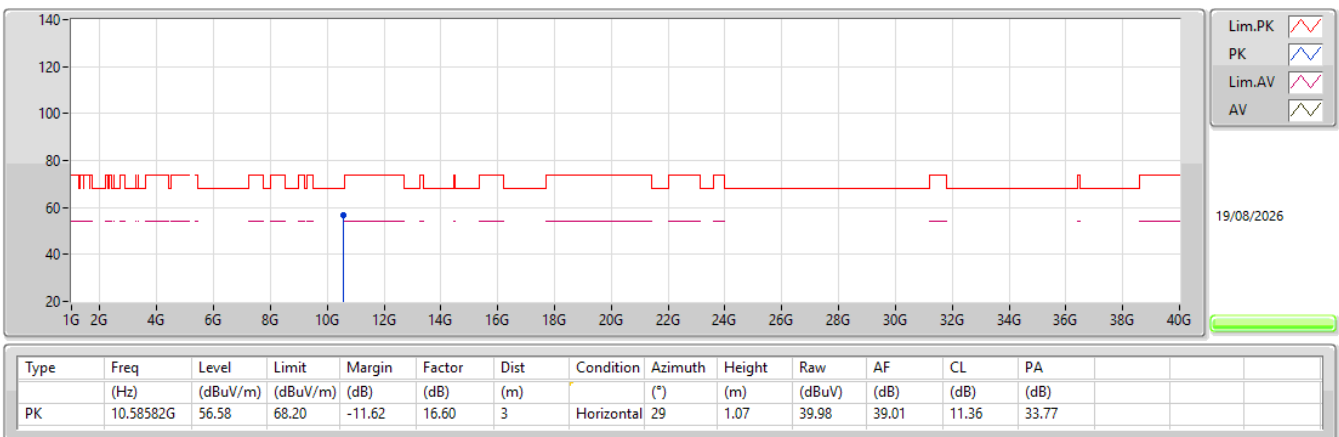
5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX



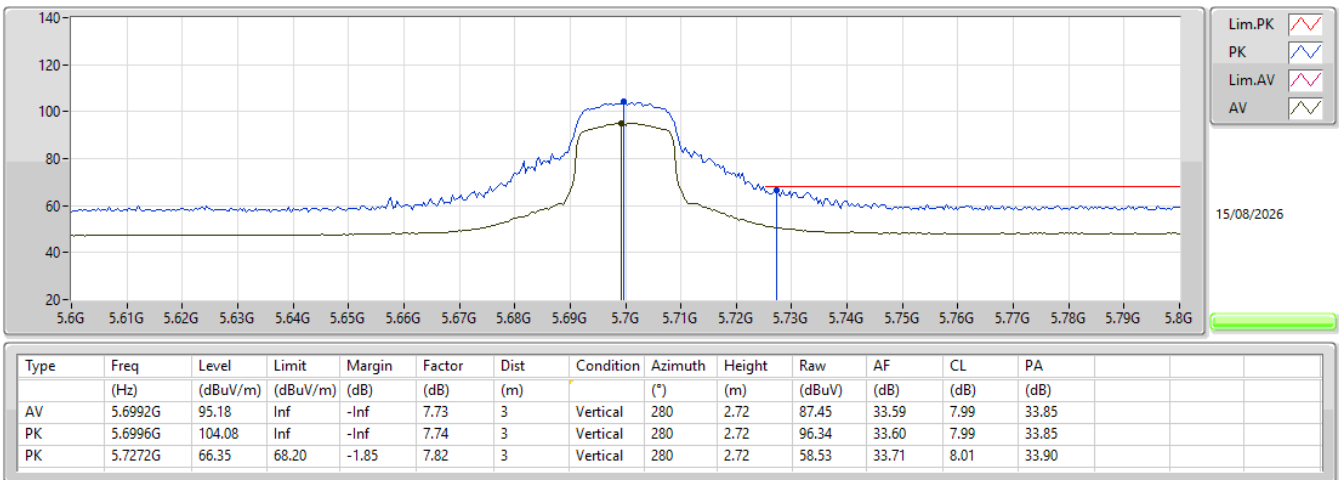
5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX



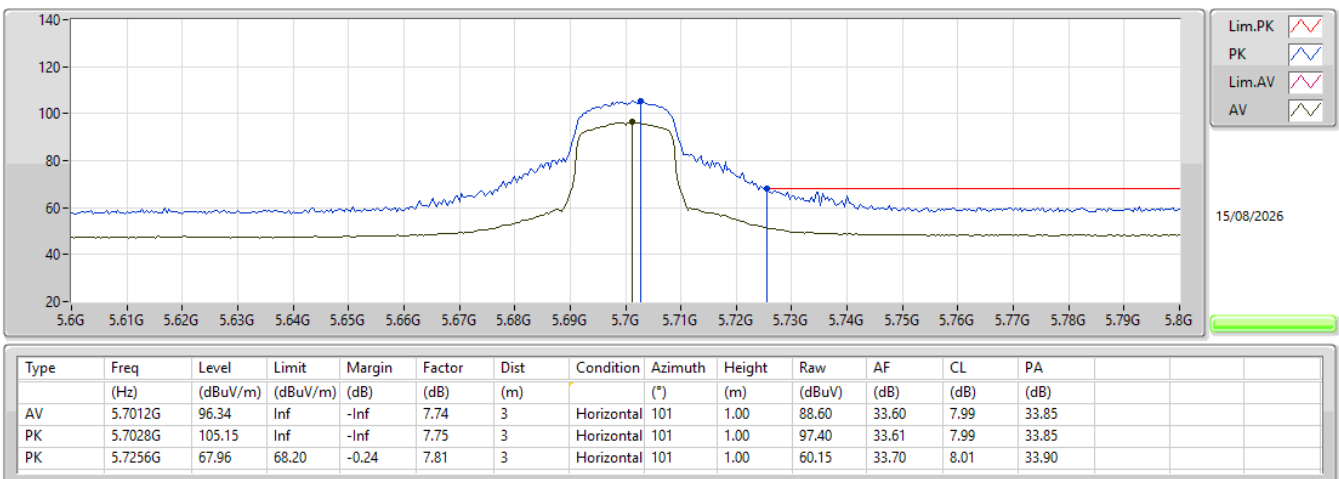
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



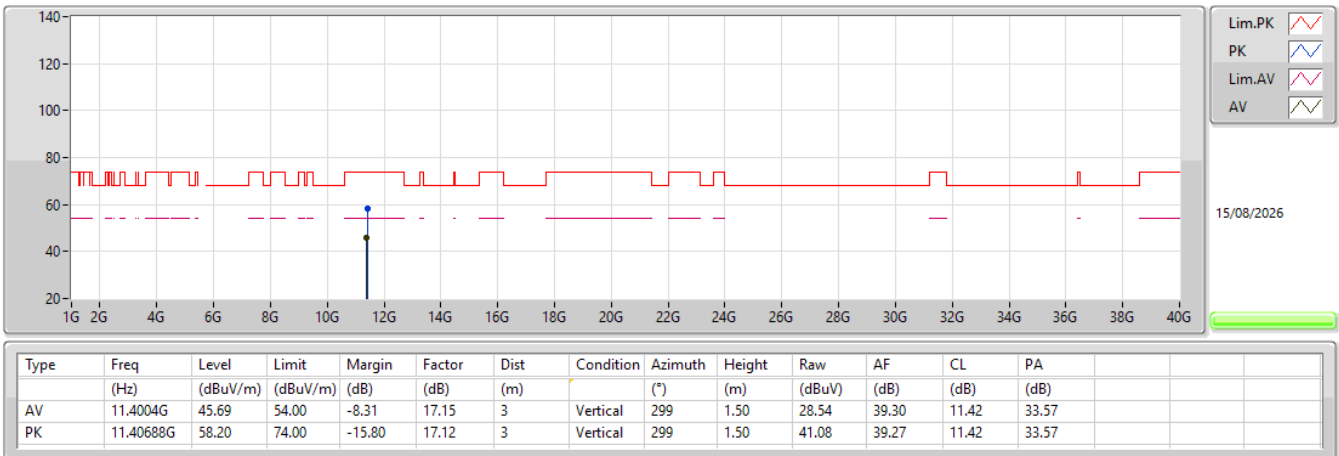
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



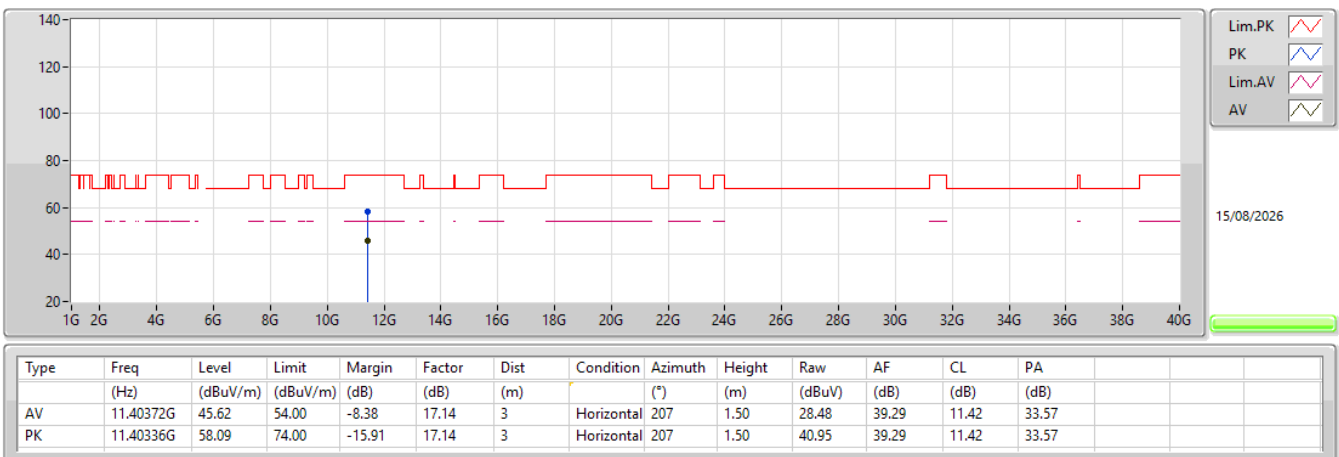
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



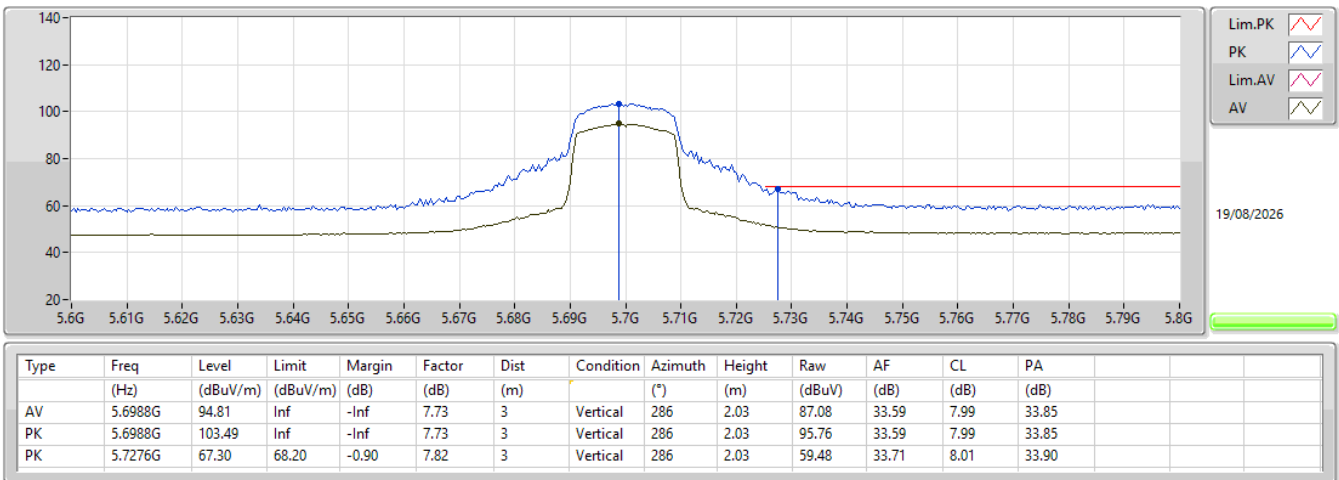
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



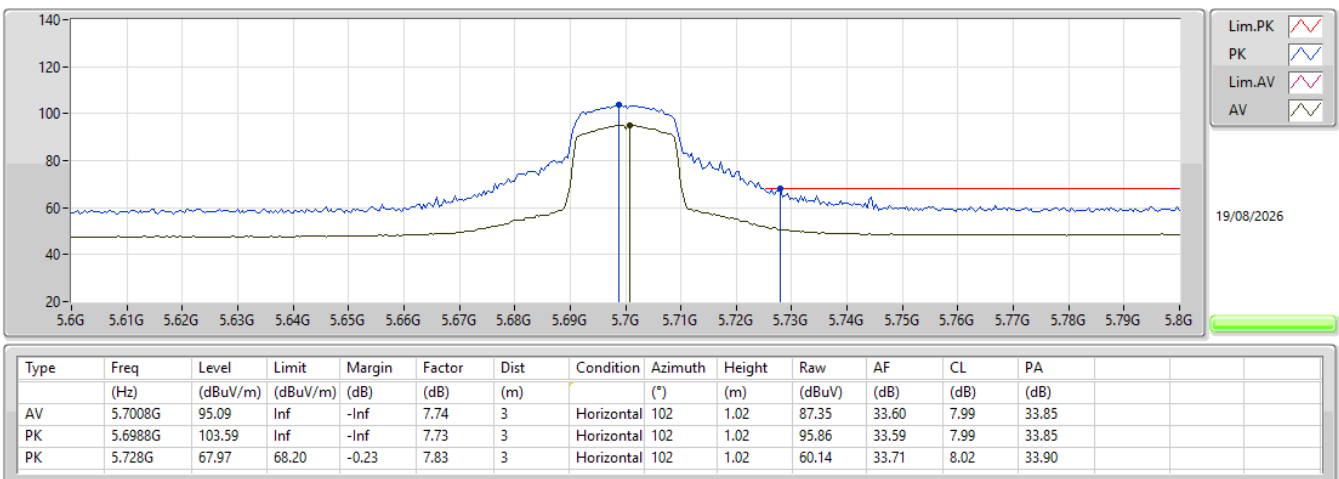
5.47-5.725GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5700MHz_TX



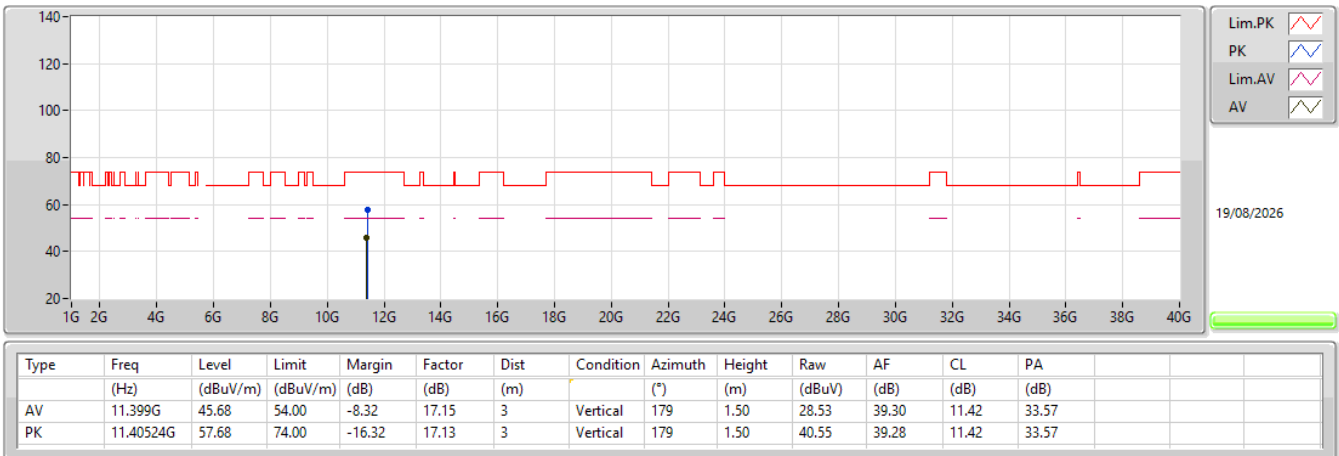
5.47-5.725GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX

5700MHz_TX



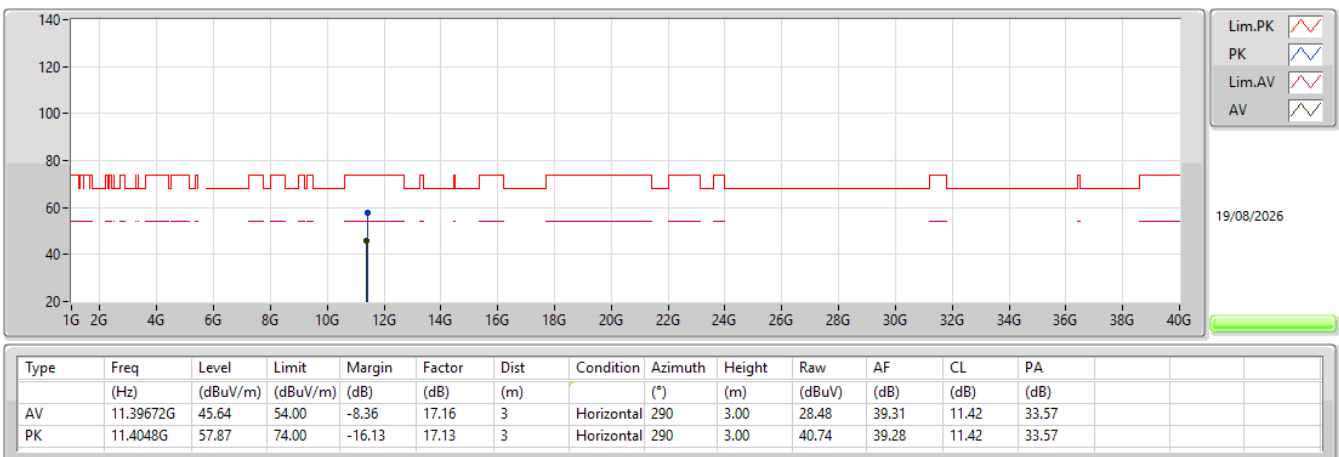
5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX



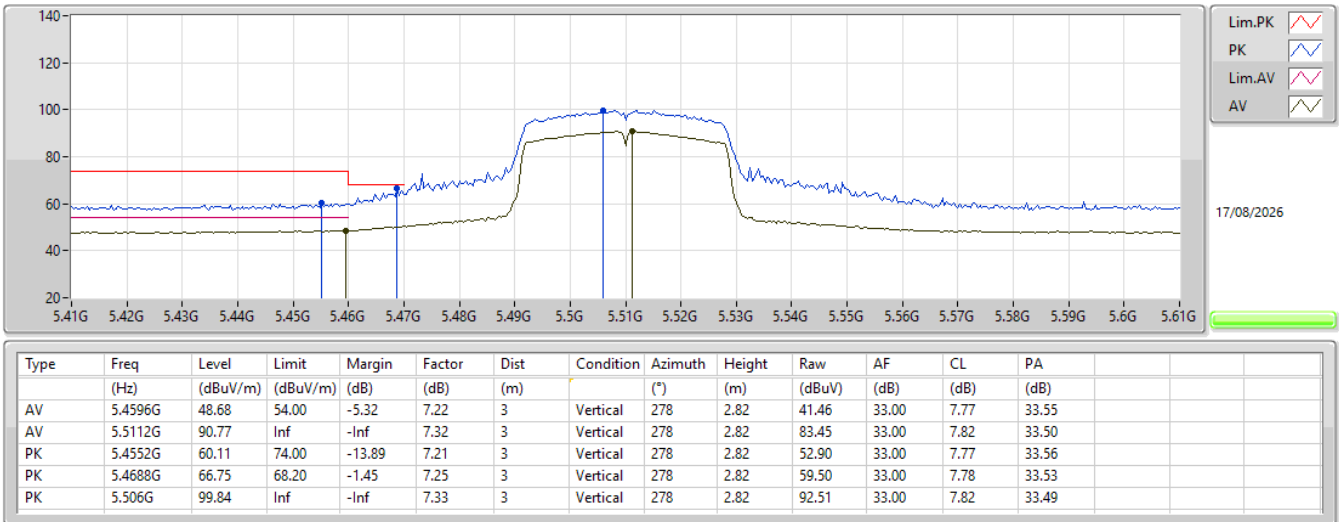
5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX



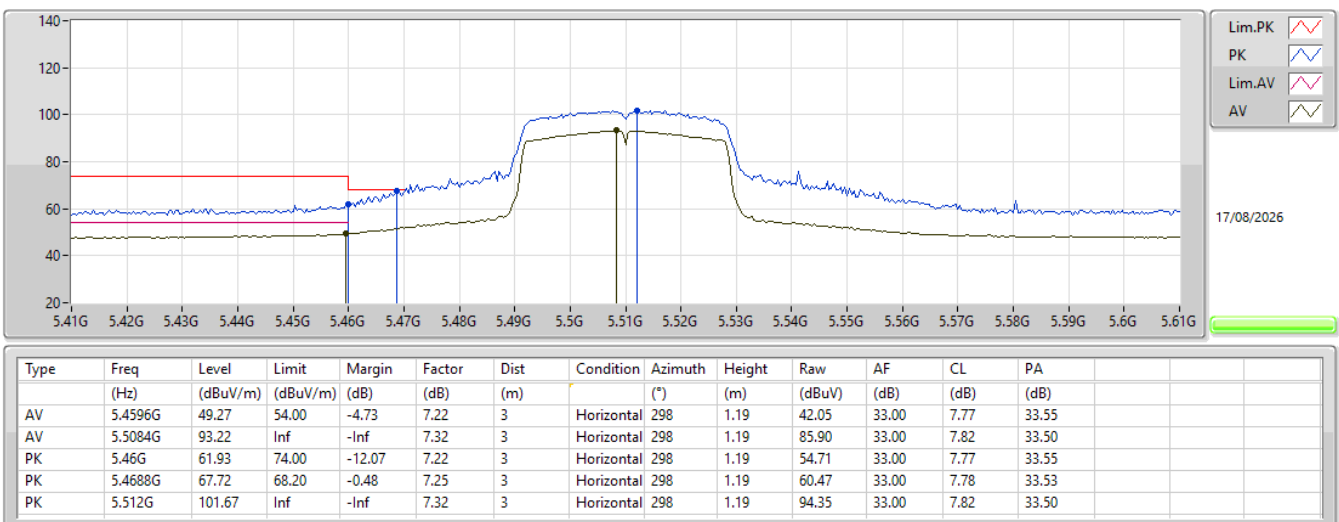
5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX



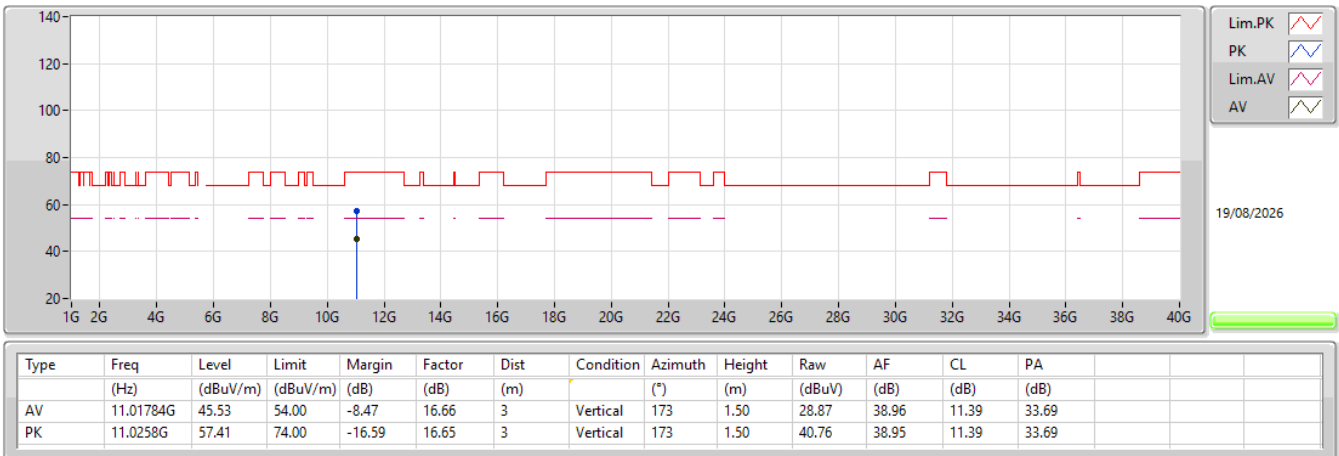
5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX



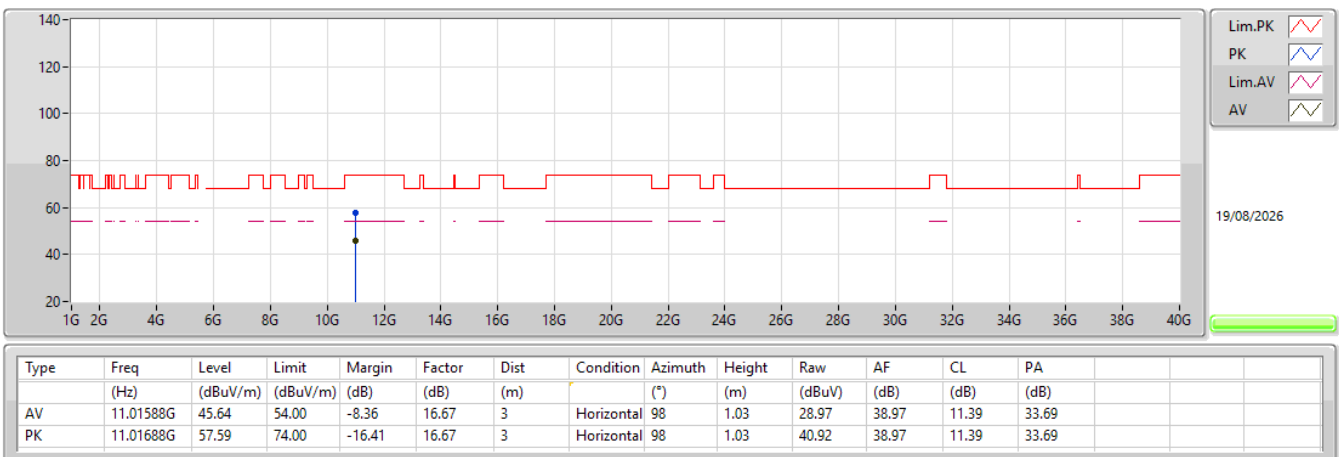
5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX



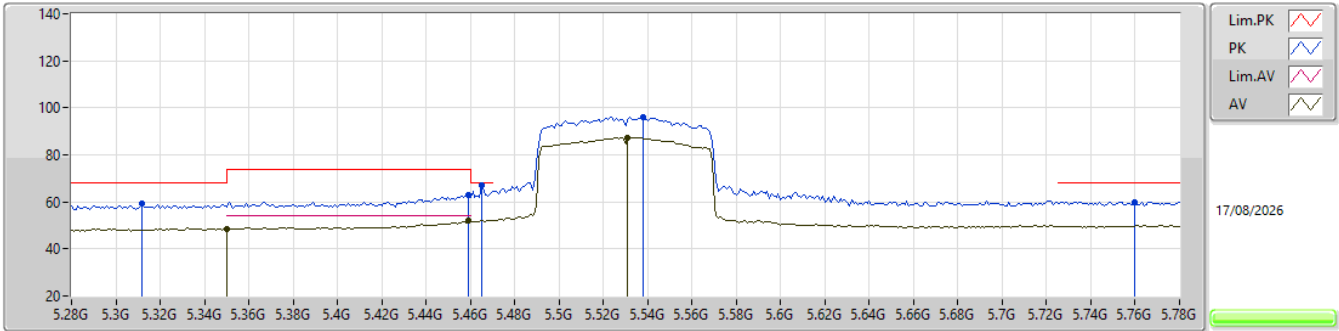
5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX



5.47-5.725GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

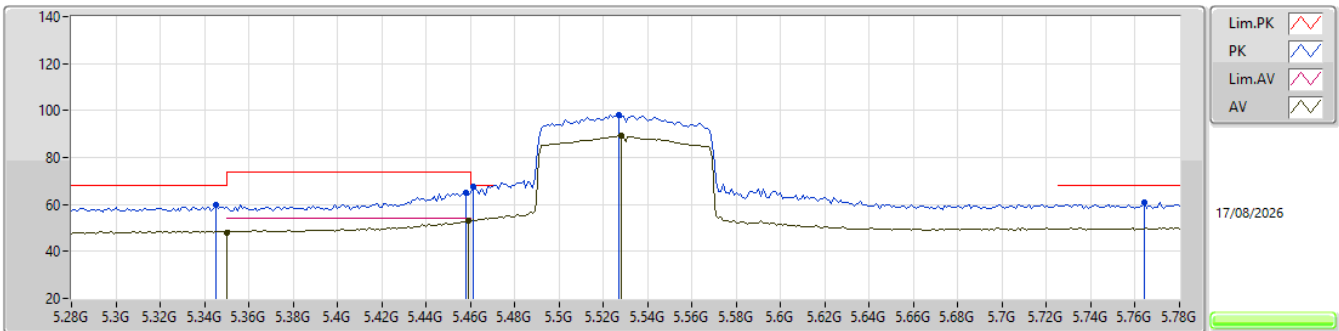
5530MHz_TX



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	5.35G	48.55	54.00	-5.45	6.94	3	Vertical	277	2.80	41.61	33.00	7.68	33.74
AV	5.459G	52.01	54.00	-1.99	7.22	3	Vertical	277	2.80	44.79	33.00	7.77	33.55
AV	5.531G	87.25	Inf	-Inf	7.30	3	Vertical	277	2.80	79.95	33.00	7.84	33.54
PK	5.312G	59.35	68.20	-8.85	6.76	3	Vertical	277	2.80	52.59	32.92	7.65	33.81
PK	5.459G	62.95	74.00	-11.05	7.22	3	Vertical	277	2.80	55.73	33.00	7.77	33.55
PK	5.465G	67.15	68.20	-1.05	7.24	3	Vertical	277	2.80	59.91	33.00	7.78	33.54
PK	5.538G	96.20	Inf	-Inf	7.29	3	Vertical	277	2.80	88.91	33.00	7.84	33.55
PK	5.76G	60.07	68.20	-8.13	7.94	3	Vertical	277	2.80	52.13	33.86	8.04	33.96

5.47-5.725GHz_802.11ac_VHT80_Nss1,(MCS0)_1TX

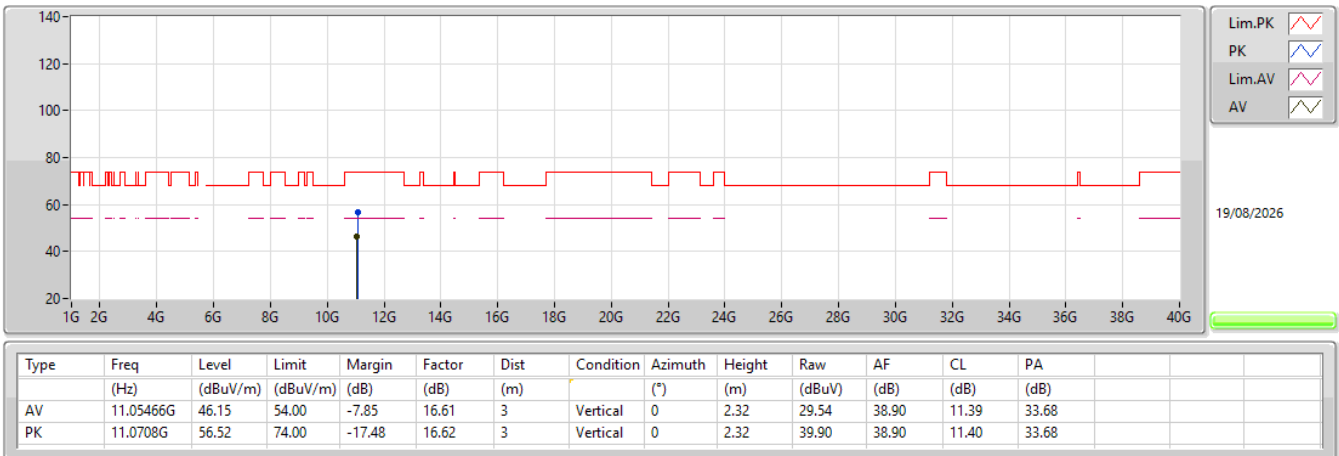
5530MHz_TX



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	5.35G	48.18	54.00	-5.82	6.94	3	Horizontal	299	1.13	41.24	33.00	7.68	33.74
AV	5.459G	52.98	54.00	-1.02	7.22	3	Horizontal	299	1.13	45.76	33.00	7.77	33.55
AV	5.528G	89.38	Inf	-Inf	7.31	3	Horizontal	299	1.13	82.07	33.00	7.84	33.53
PK	5.345G	59.71	68.20	-8.49	6.92	3	Horizontal	299	1.13	52.79	32.99	7.68	33.75
PK	5.458G	65.15	74.00	-8.85	7.22	3	Horizontal	299	1.13	57.93	33.00	7.77	33.55
PK	5.461G	67.83	68.20	-0.37	7.22	3	Horizontal	299	1.13	60.61	33.00	7.77	33.55
PK	5.527G	98.02	Inf	-Inf	7.30	3	Horizontal	299	1.13	90.72	33.00	7.83	33.53
PK	5.764G	60.91	68.20	-7.29	7.96	3	Horizontal	299	1.13	52.95	33.88	8.05	33.97

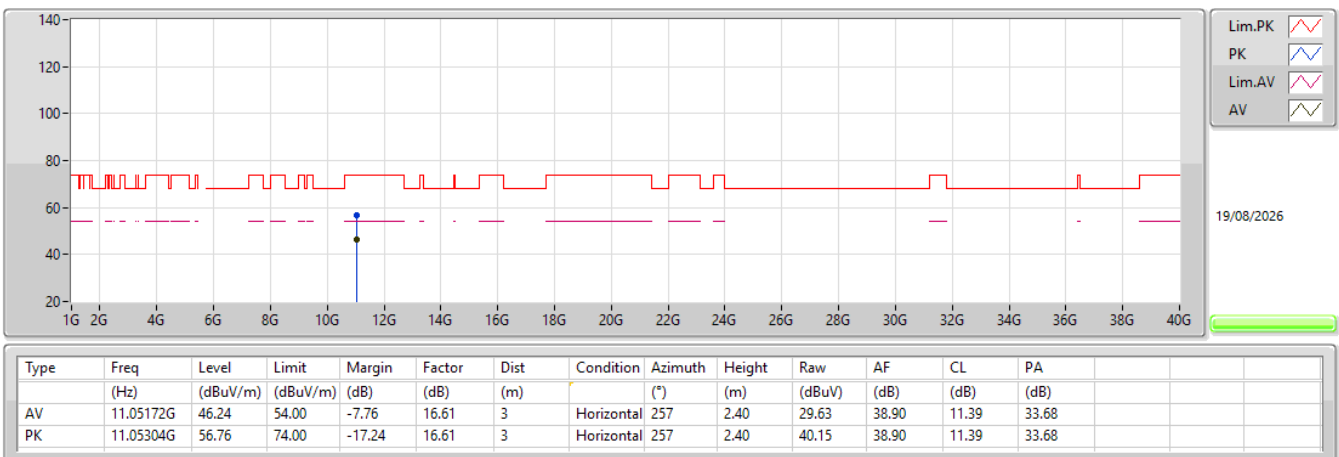
5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX



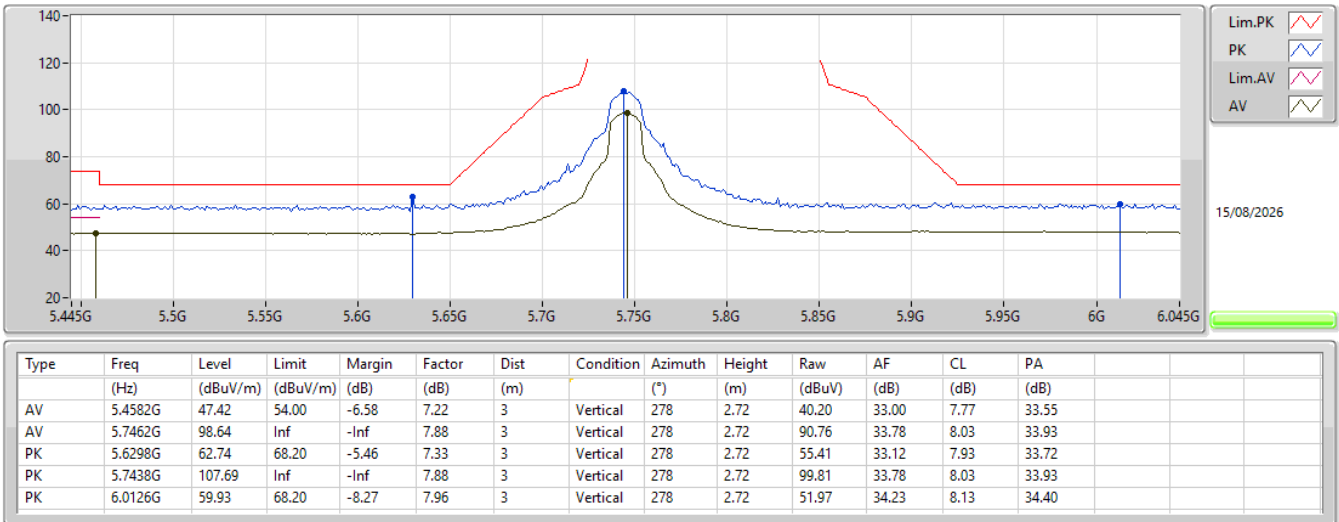
5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX



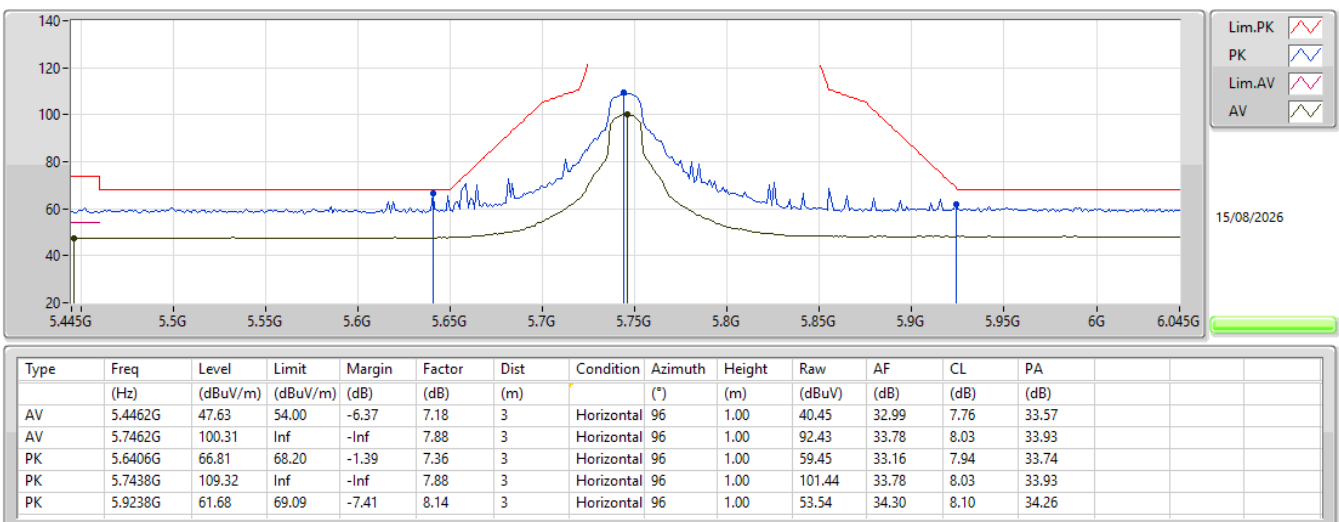
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX



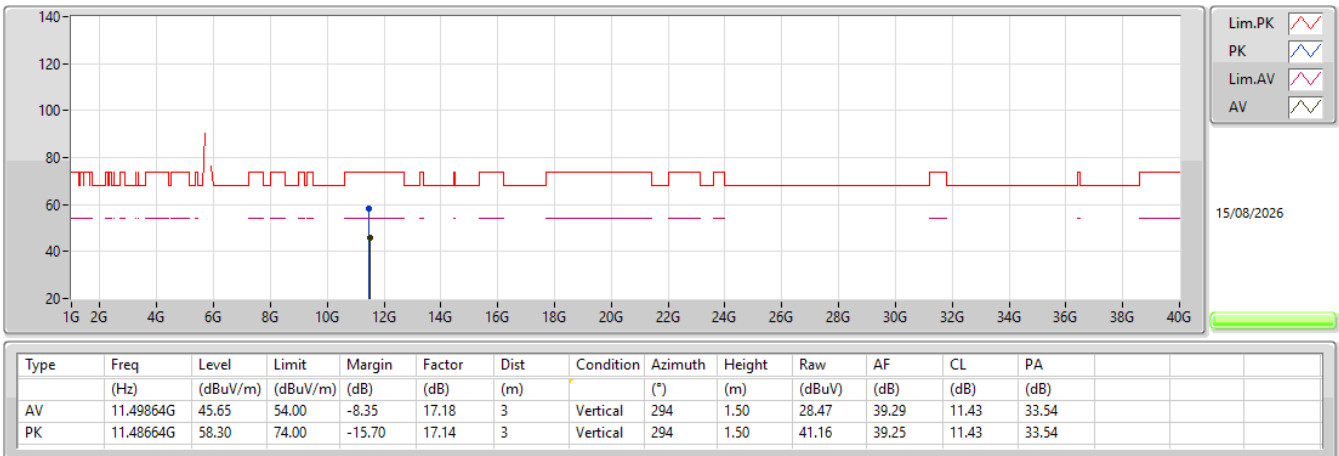
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX



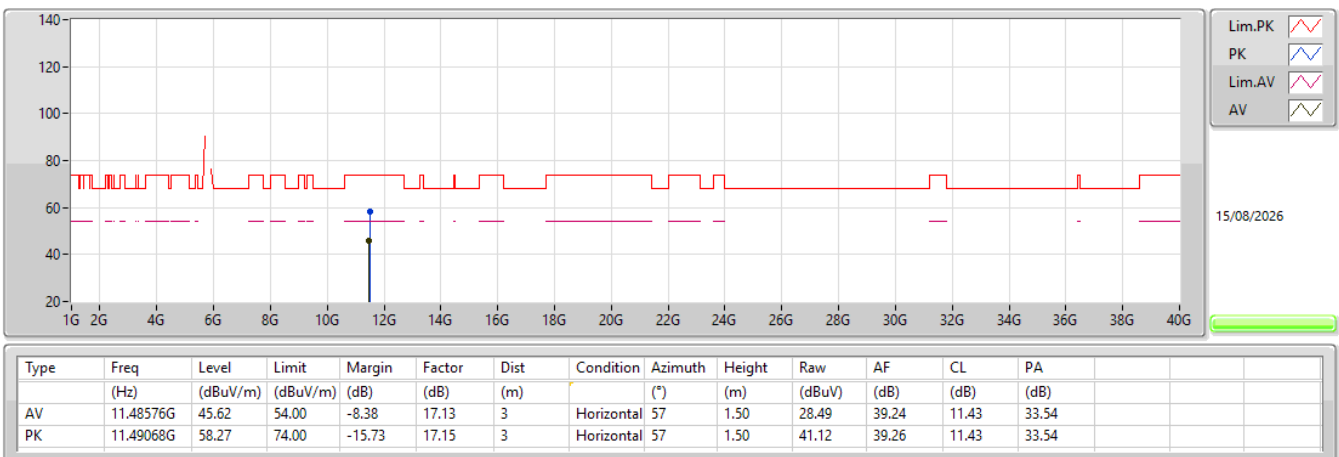
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX



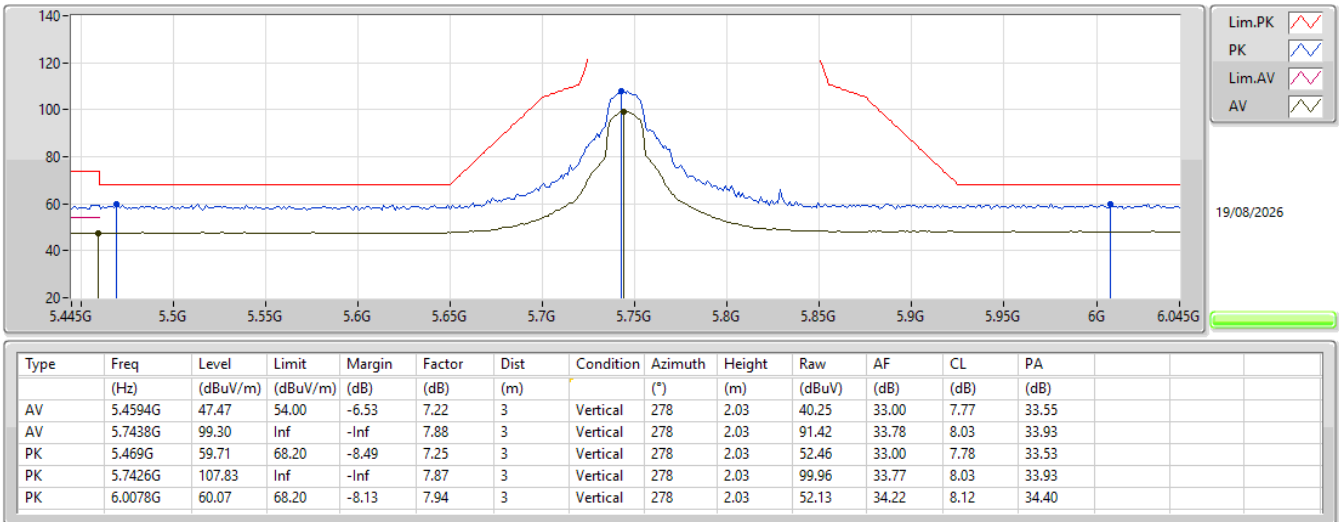
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX



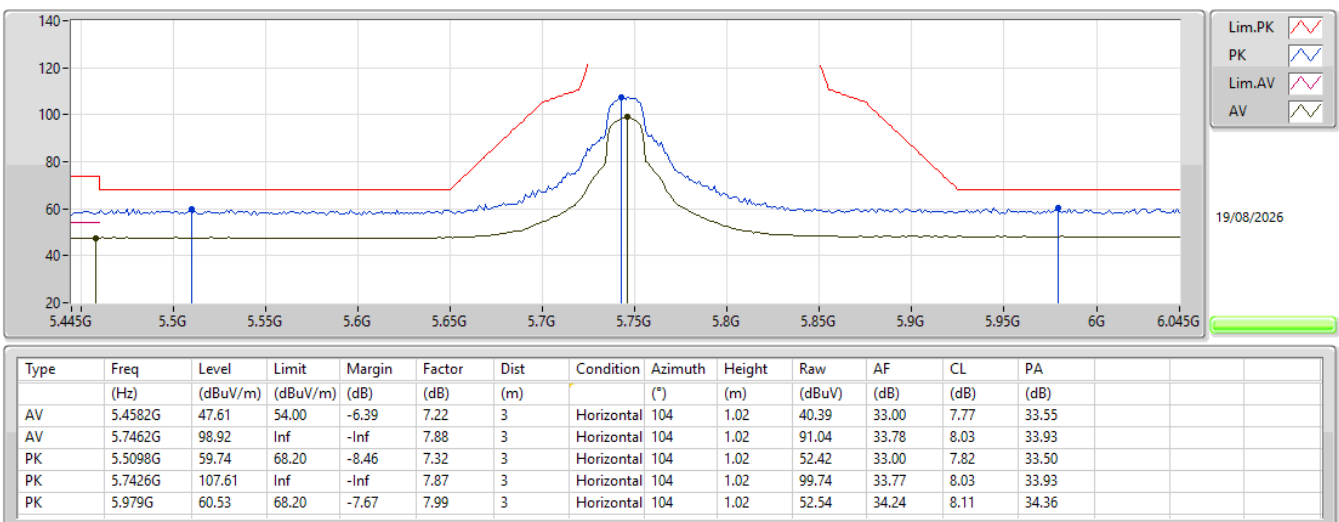
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



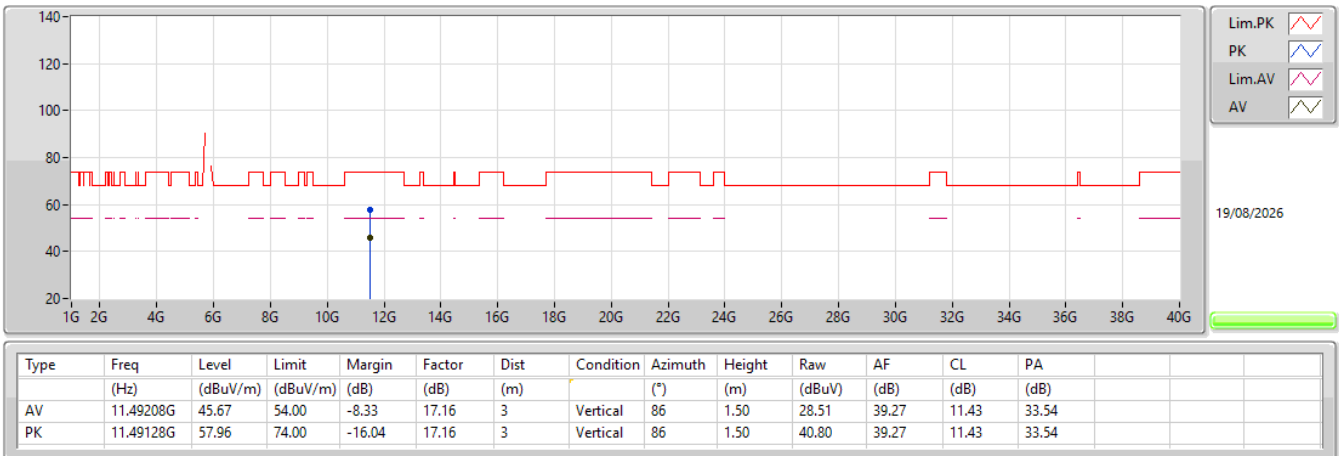
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



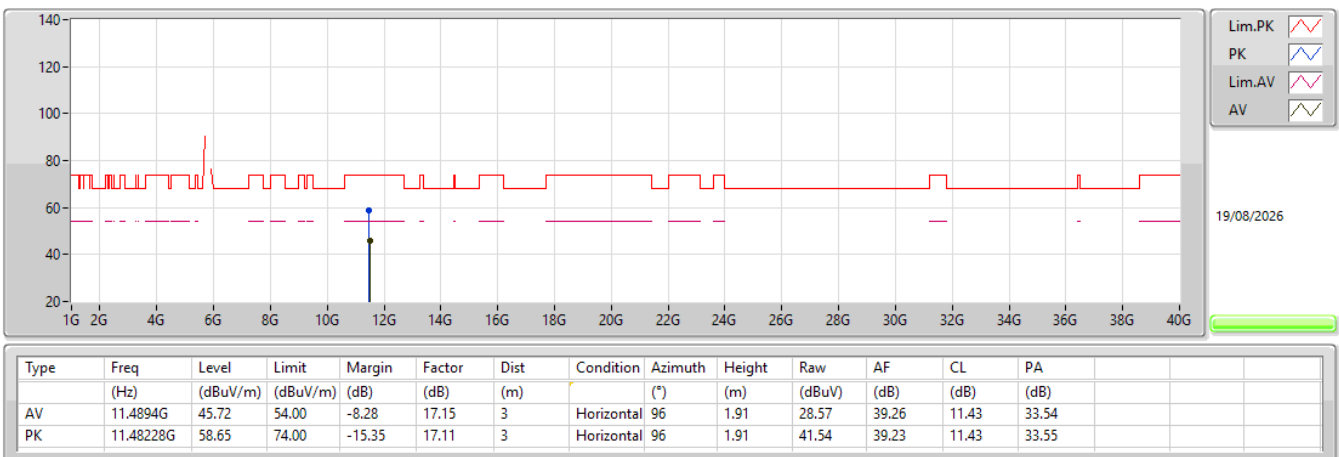
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



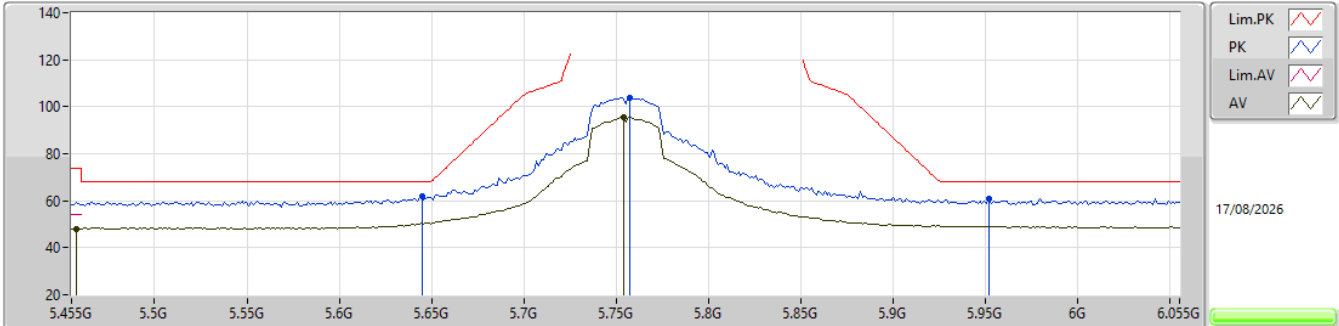
5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX



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

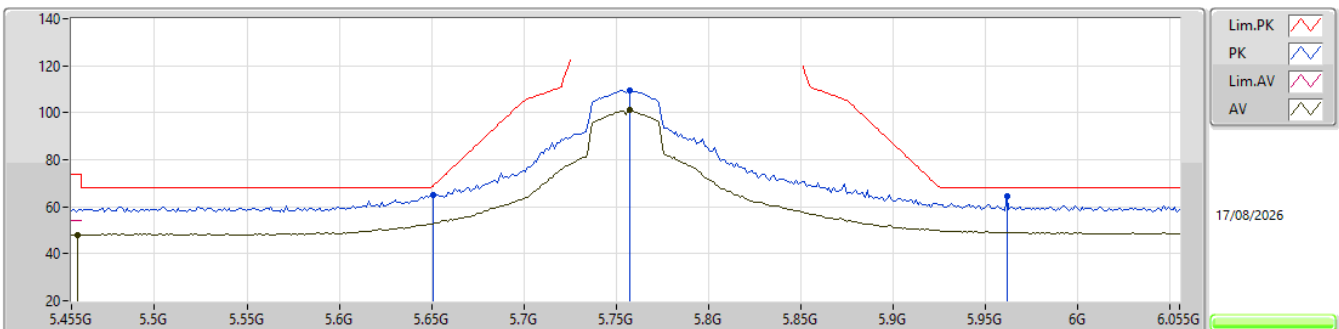
5755MHz_TX



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	5.4574G	48.16	54.00	-5.84	7.22	3	Vertical	277	2.01	40.94	33.00	7.77	33.55
AV	5.7538G	95.36	Inf	-Inf	7.91	3	Vertical	277	2.01	87.45	33.82	8.04	33.95
PK	5.6446G	61.71	68.20	-6.49	7.37	3	Vertical	277	2.01	54.34	33.18	7.94	33.75
PK	5.7574G	103.83	Inf	-Inf	7.93	3	Vertical	277	2.01	95.90	33.84	8.04	33.95
PK	5.9518G	60.86	68.20	-7.34	8.09	3	Vertical	277	2.01	52.77	34.30	8.10	34.31

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

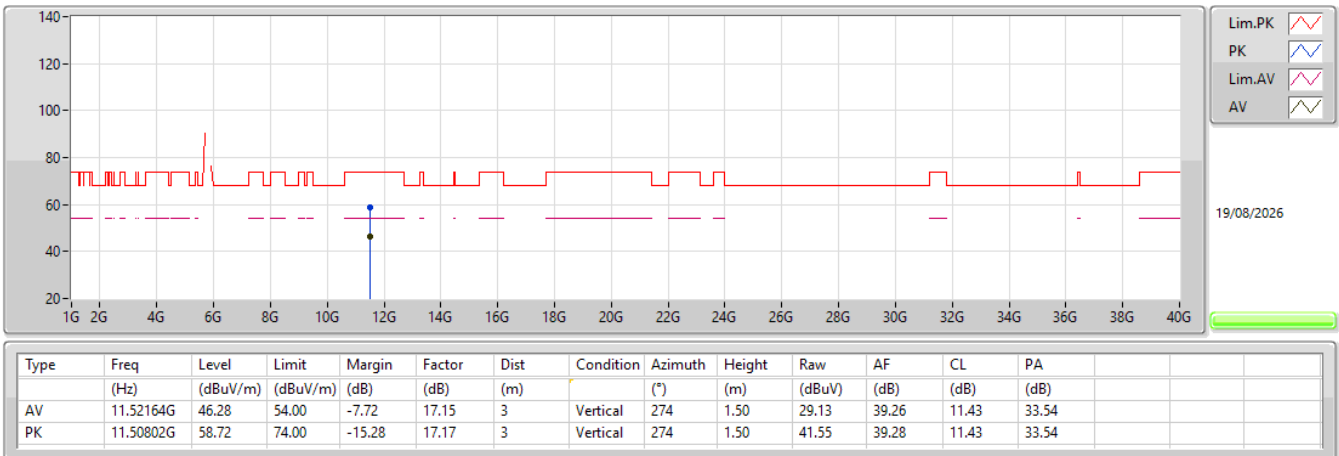
5755MHz_TX



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	48.12	54.00	-5.88	7.22	3	Horizontal	304	1.00	40.90	33.00	7.77	33.55
AV	5.7574G	101.09	Inf	-Inf	7.93	3	Horizontal	304	1.00	93.16	33.84	8.04	33.95
PK	5.6506G	64.89	68.64	-3.75	7.39	3	Horizontal	304	1.00	57.50	33.20	7.95	33.76
PK	5.7574G	109.47	Inf	-Inf	7.93	3	Horizontal	304	1.00	101.54	33.84	8.04	33.95
PK	5.9614G	64.40	68.20	-3.80	8.05	3	Horizontal	304	1.00	56.35	34.28	8.10	34.33

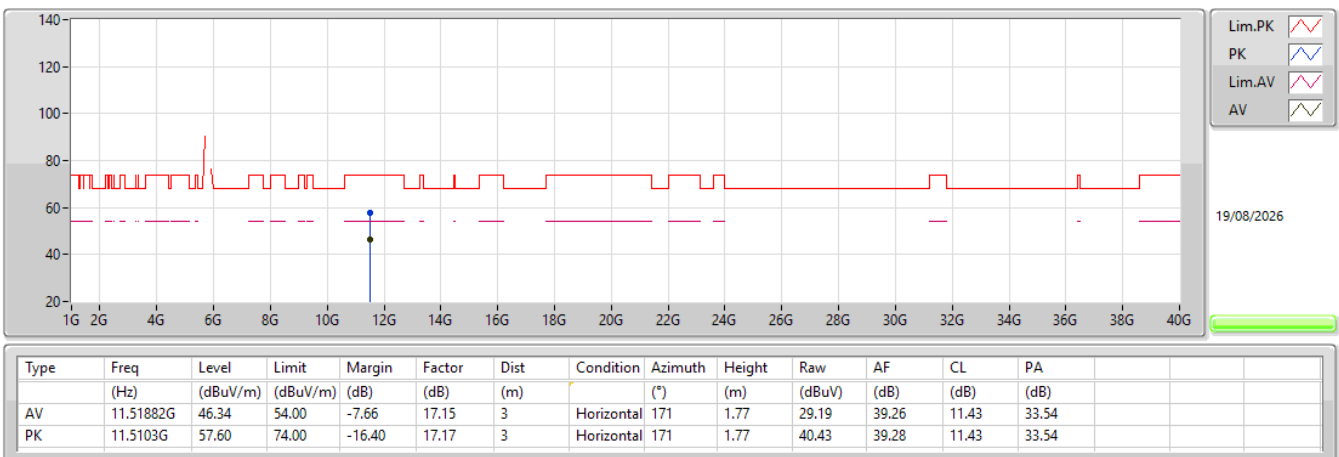
5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5755MHz_TX



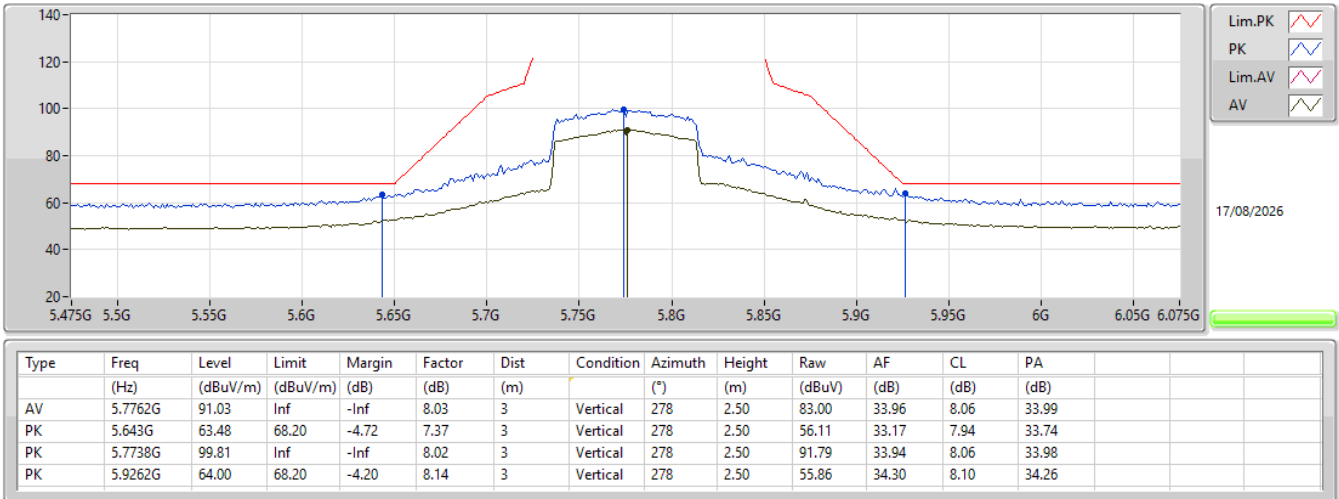
5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_1TX

5755MHz_TX



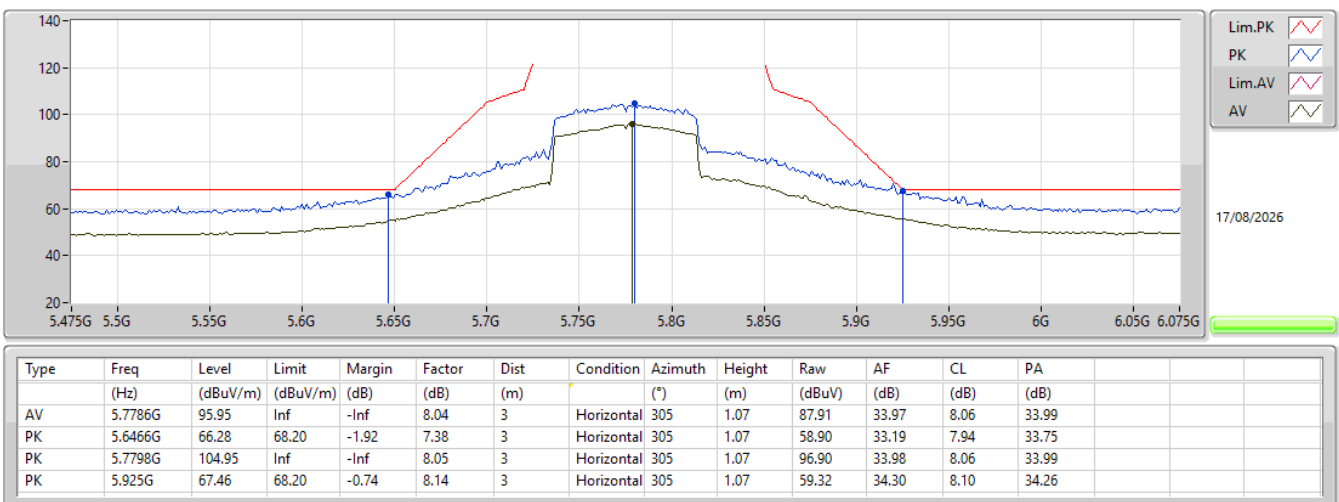
5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX



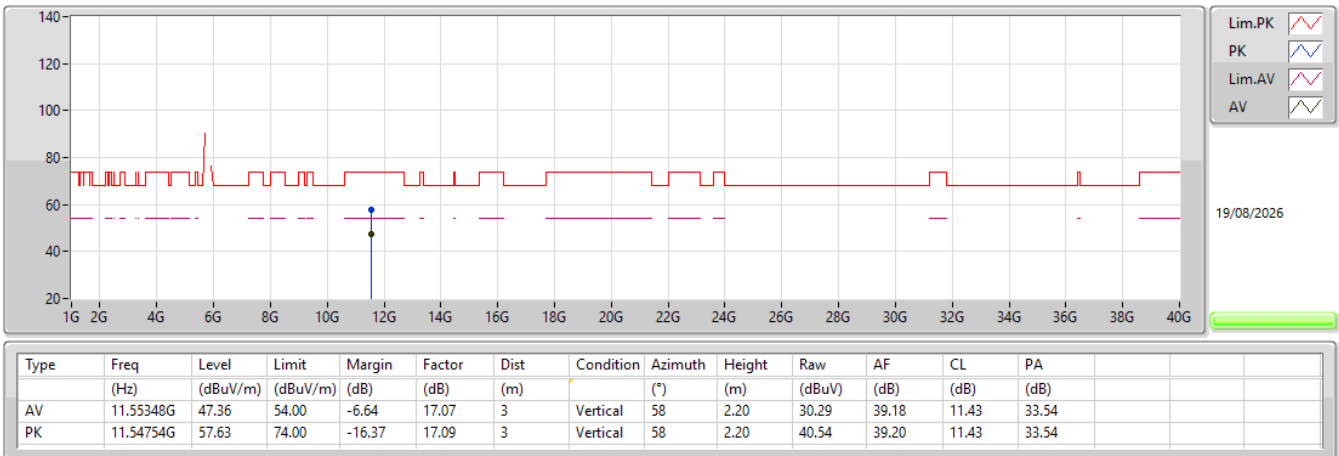
5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX



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

5775MHz_TX



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

5775MHz_TX

