

FCC Radio Test Report

FCC ID : YL6-143VDB781B
Equipment : Alarm.com Battery Video Doorbell
Brand Name : ALARM.COM
Model Name : ADC-VDB781B
Applicant : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100,
Tysons, VA 22102 United States
Manufacturer : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100,
Tysons, VA 22102 United States
Standard : 47 CFR FCC Part 15.407

The product was received on Sep. 23, 2025, and testing was started from Nov. 17, 2025 and completed on Feb. 07, 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: Ben Tseng

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 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]

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

Note:

- ♦ 11a, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated VHT20 mode only due to the similar modulation. The power setting of HT20 mode are the same or lower than VHT20.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support	Source
1	1	LYNwave	ALA25F-222AA6-00	PIFA	I-Pex	2.4G+5G+BT	1
2	2	LYNwave	ALA25F-222AA5-00	PIFA	I-Pex	2.4G+5G+BT	
3	1	INPAQ	RFFPA391608IMLB403	PIFA	I-Pex	2.4G+5G+BT	2
4	2	INPAQ	RFFPA391610IMLB402	PIFA	I-Pex	2.4G+5G+BT	

Ant.	Port	Gain (dBi)					
		2.4G	5G				BT
			UNII-1	UNII-2A	UNII-2C	UNII-3	
1	1	4.5	3.1	2.7	4.2	5.2	4.5
2	2	2.6	5	4.7	4.3	3.9	2.6
3	1	2.5	2.8	2.67	3	3	2.5
4	2	2.5	2.5	2.5	3	2.7	2.5

Note 1: The EUT has four antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) or Ant. 3 (port 1) or Ant. 4 (port 2) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Port 1 and it was recorded in this test report.

For 5GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) or Ant. 3 (port 1) or Ant. 4 (port 2) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Port 1 and it was recorded in this test report.

For BT function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) or Ant. 3 (port 1) or Ant. 4 (port 2) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Port 1 and it was recorded in this test report.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Adapter / Battery			
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(Port1)	0.931	0.31	1.43m	1k
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	0.928	0.32	1.347m	1k

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 (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego Lin	17.3~18.5°C / 58~62%	07/Feb/2026
RF Conducted	TH01-HY	Yulin Chen	20.1~21.3°C / 56~60%	17/Nov/2025~30/Dec/2025
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH24-HY	Jack Tang	20.3~21.1°C / 54~61%	17/Oct/2025~19/Dec/2025

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	3.44 dB	Confidence levels of 95%
Conducted Output Power	1.48 dB	Confidence levels of 95%
Bandwidth	0.05 MHz	Confidence levels of 95%
Conducted Emission	1.48 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Putty Release 0.72
Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port1)	-
5180MHz	Default Setting
5200MHz	Default Setting
5240MHz	Default Setting
5260MHz	Default Setting
5300MHz	Default Setting
5320MHz	Default Setting
5500MHz	Default Setting
5580MHz	Default Setting
5700MHz	Default Setting
5720MHz Straddle 5.47-5.725GHz	Default Setting
5720MHz Straddle 5.725-5.85GHz	Default Setting
5745MHz	Default Setting
5785MHz	Default Setting
5825MHz	Default Setting
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	-
5180MHz	Default Setting
5200MHz	Default Setting
5240MHz	Default Setting
5260MHz	Default Setting
5300MHz	Default Setting
5320MHz	Default Setting
5500MHz	Default Setting
5580MHz	Default Setting
5700MHz	Default Setting
5720MHz Straddle 5.47-5.725GHz	Default Setting
5720MHz Straddle 5.725-5.85GHz	Default Setting
5745MHz	Default Setting
5785MHz	Default Setting
5825MHz	Default Setting

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	Switching Power Supply 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	Battery mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

2.3 Accessories

Accessories				
Battery	Brand Name	ALARM.COM	Model Name	ADC-VACC-BAT-2LIB18650
	Manufacturer	Huizhou Fuji Energy Technology Co., Ltd	Type	Li-ion, Yes
	Power Rating	3.6 Vdc, 6450mAh		
Wallplate	Brand Name	ALARM.COM	Model Name	VDB781B
USB Cable	Brand Name	FIT	Model Name	605-0000-0000
	Signal Line	0.915 meter, non-shielded cable, w/o ferrite core		

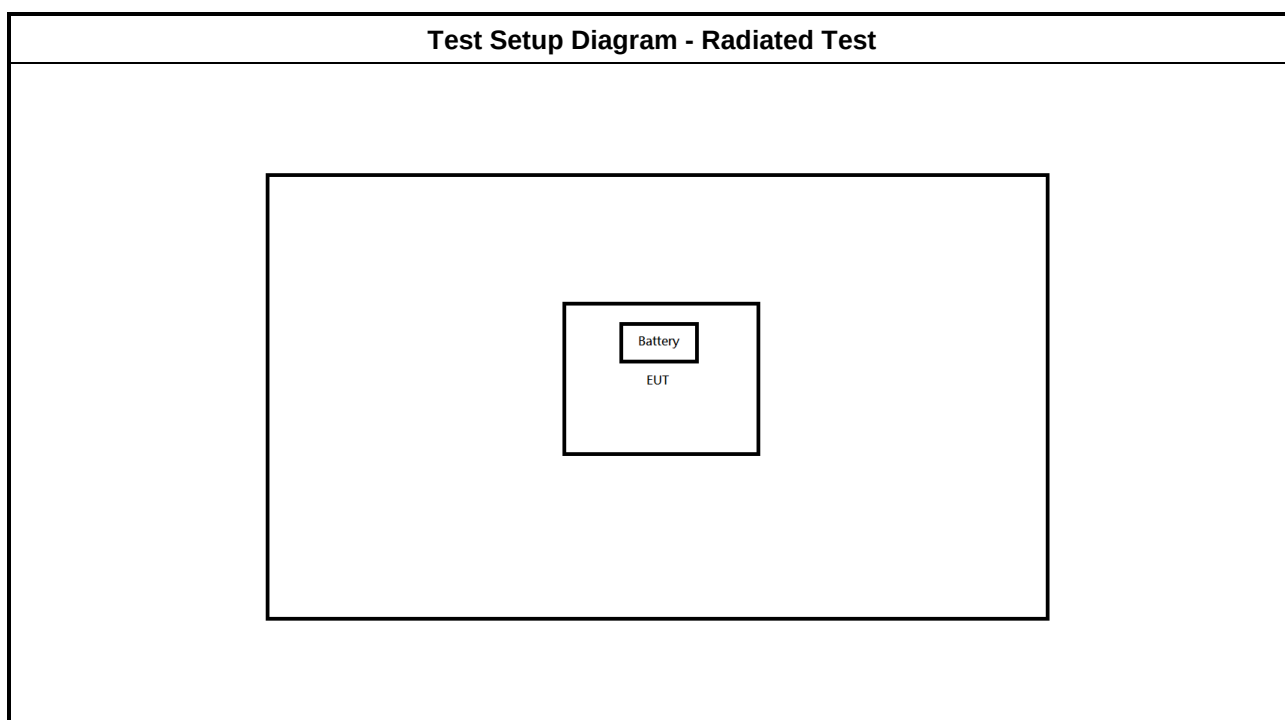
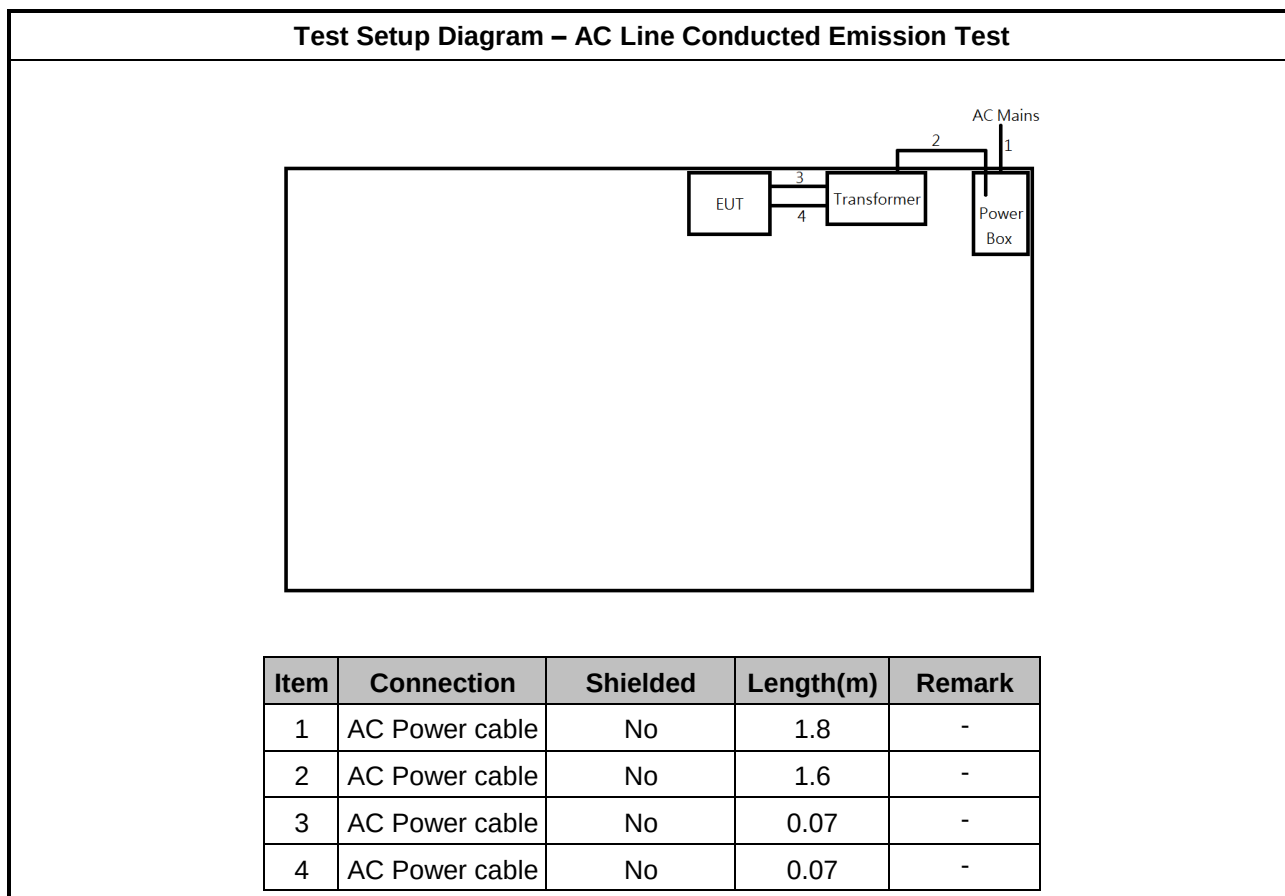
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter (Power Transformer)	Triad Magnetics	VPL16-1600	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Fixture	Sporton	Sporton	-	-
4	DC power supply	GW	GPS-3030DD	-	-
5	DC power cable	MiSUMi	WTN1227-RED	-	-
6	DC power cable	MiSUMi	WTN1227-BLACK	-	-

2.5 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

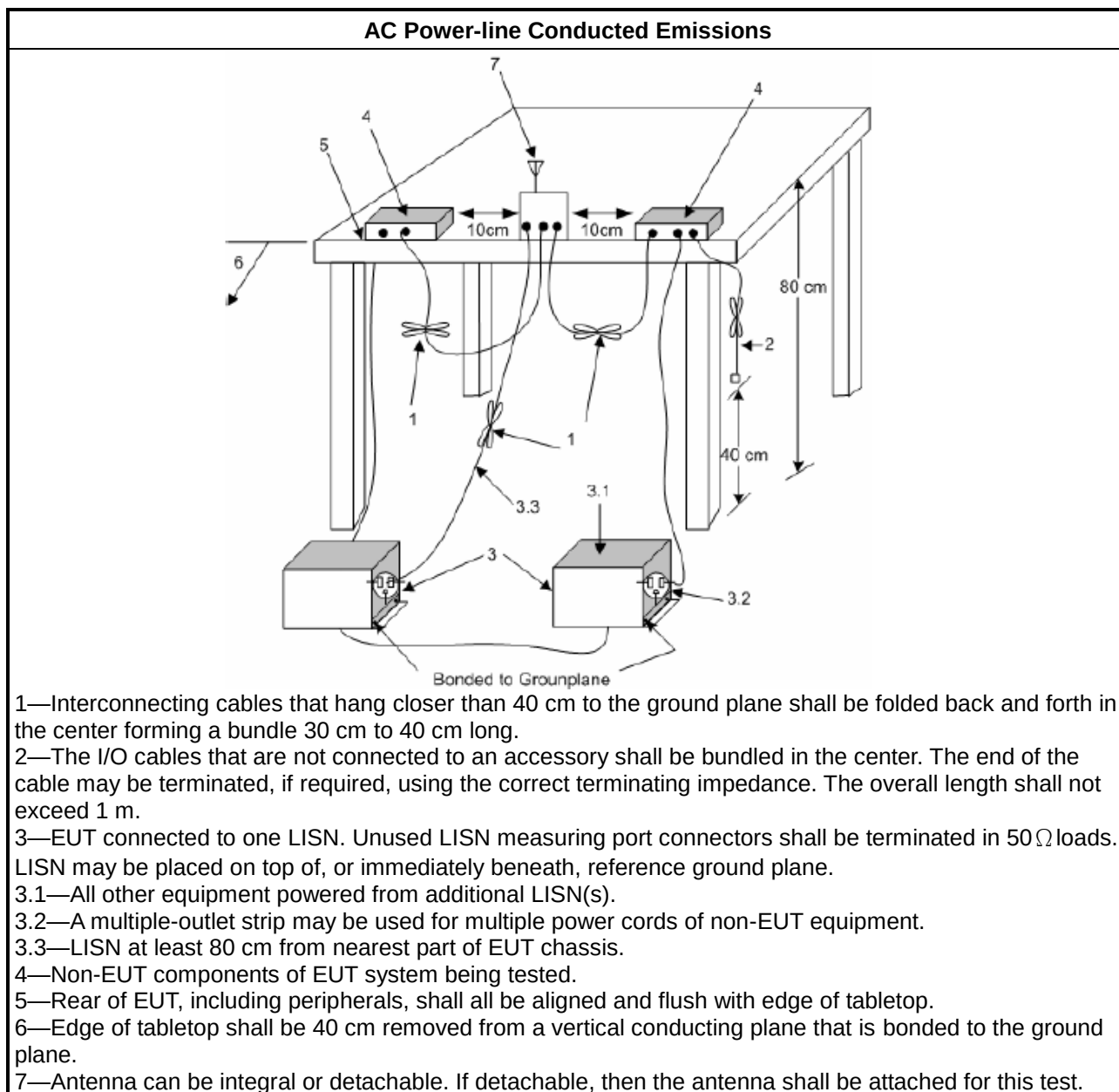
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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

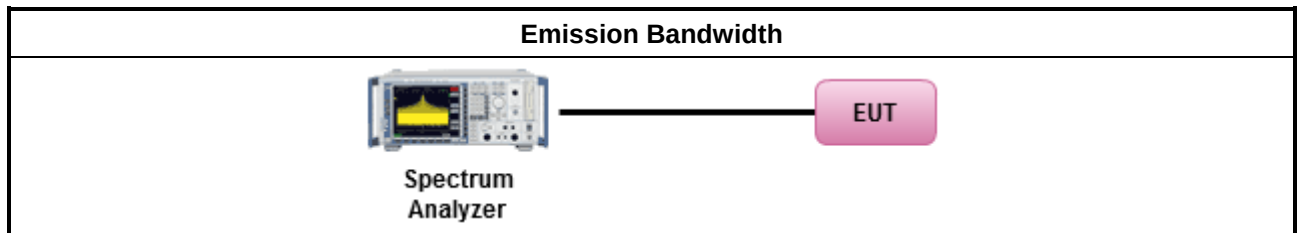
Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, N/A
☒	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

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

3.2.2 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.3 Test Setup



3.2.4 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

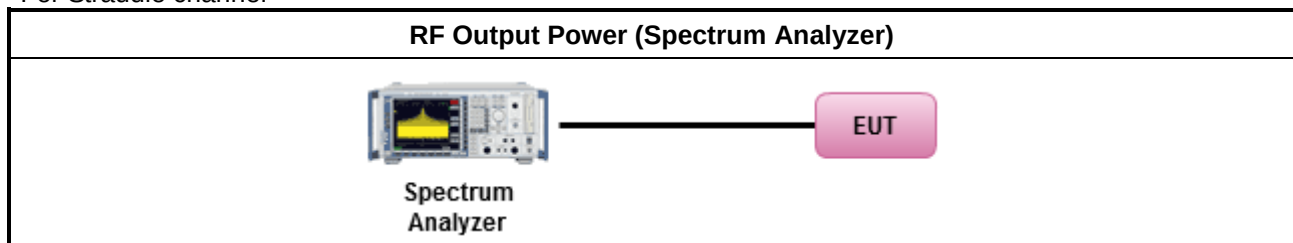
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

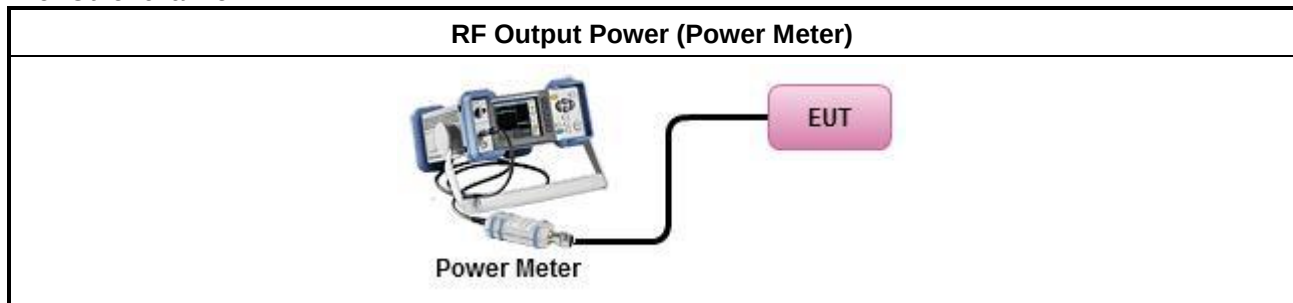
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup

For Straddle channel



For Other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	Outdoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Indoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

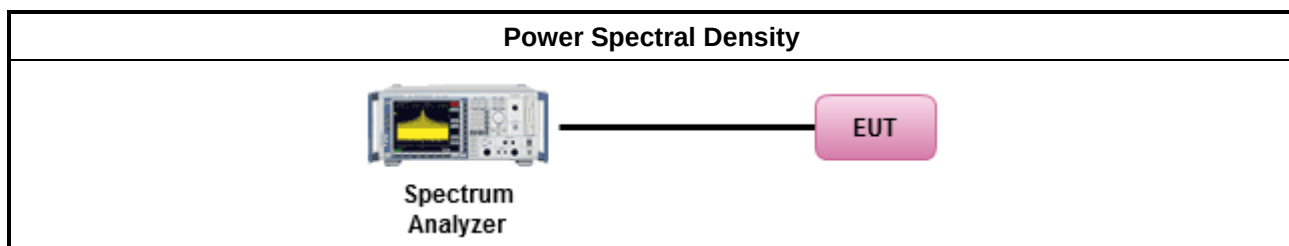
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
Duty cycle ≥ 98%	
☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle < 98%	
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

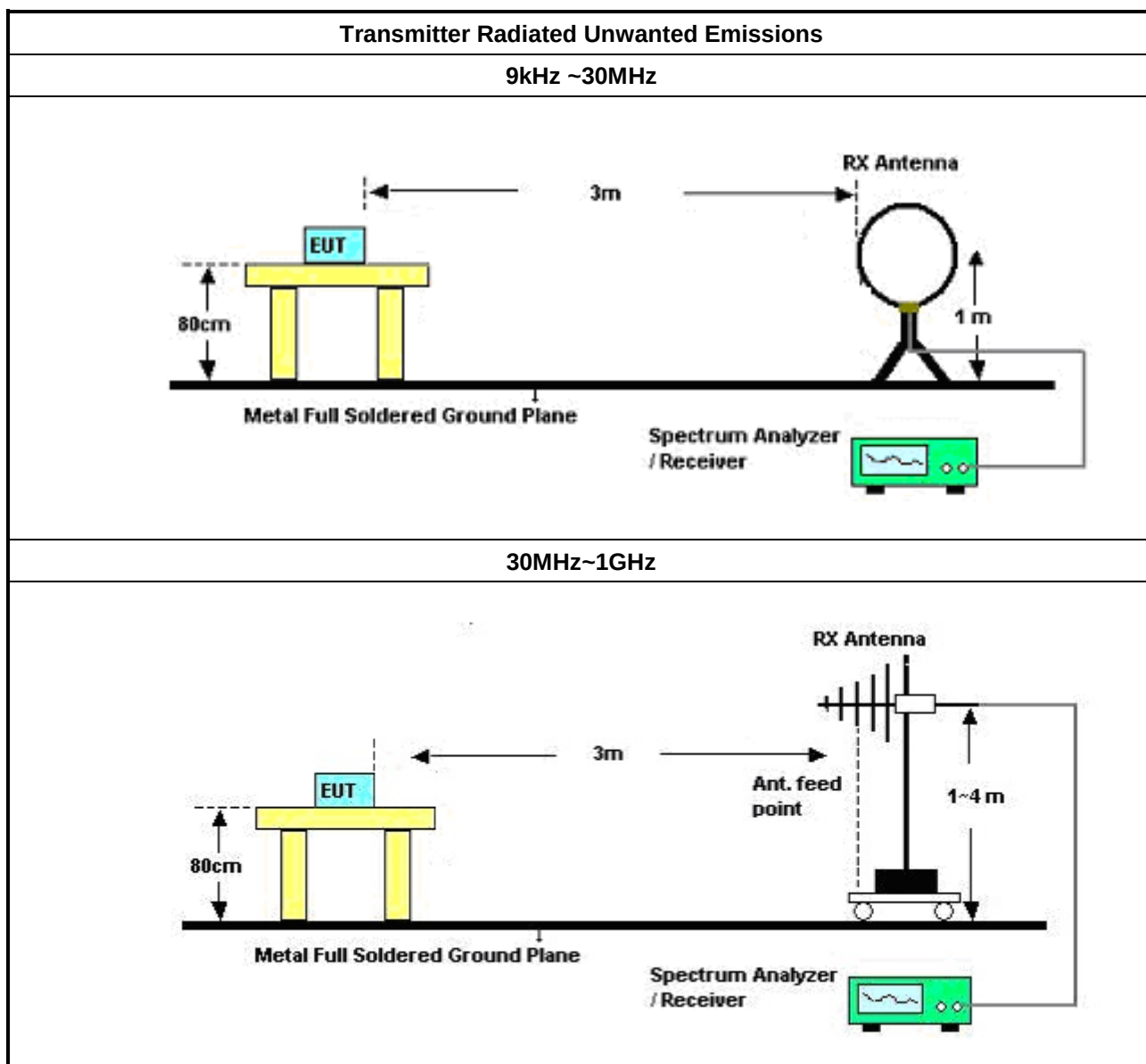
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.5.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.5.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

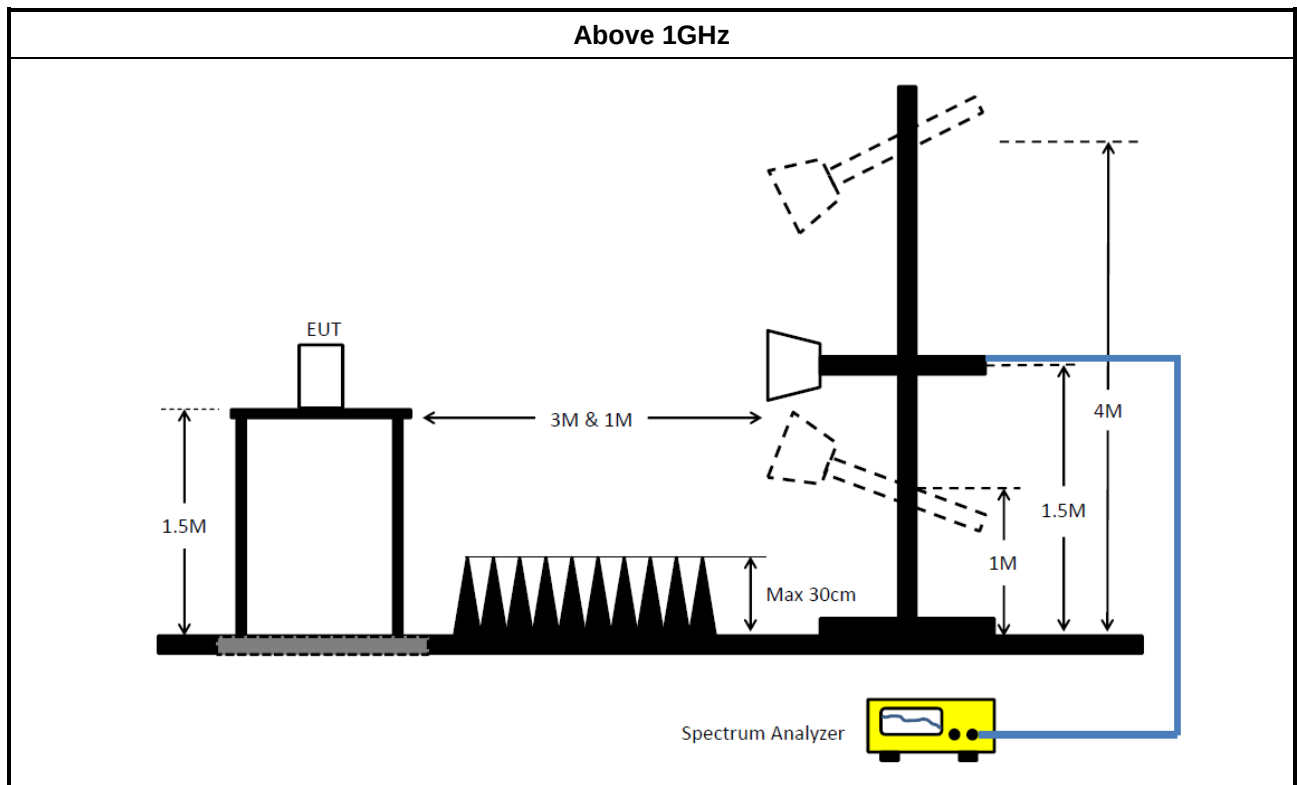
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
LISN (Support Unit)	SCHWARZBECK MESS-ELEKTRO NIK	NSLK 8127	8127477	9kHz ~ 30MHz	15/May/2025	14/May/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Pulse Limiter	ROHDE & SCHWARZ	VTSD 9561F-N	1056	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV3044	101438	10Hz~44GHz	14/Oct/2025	13/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	183621	100kHz~40GHz	02/Jan/2025	01/Jan/2026
Power Meter	Anritsu	ML2495A	949003	300MHz~40GHz	13/Feb/2025	12/Feb/2026
Pulse Sensor	Anritsu	MA2411B	917017	300MHz~40GHz	13/Feb/2025	12/Feb/2026
SENSE-15407_NII	Sporton	V5.11.27	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	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	15/Aug/2025	14/Aug/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	29/Jul/2025	28/Jul/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV40	101013	10Hz~44GHz	22/Apr/2025	21/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	13/Apr/2025	12/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	07/Aug/2025	06/Aug/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	08/Apr/2025	07/Apr/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.27	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

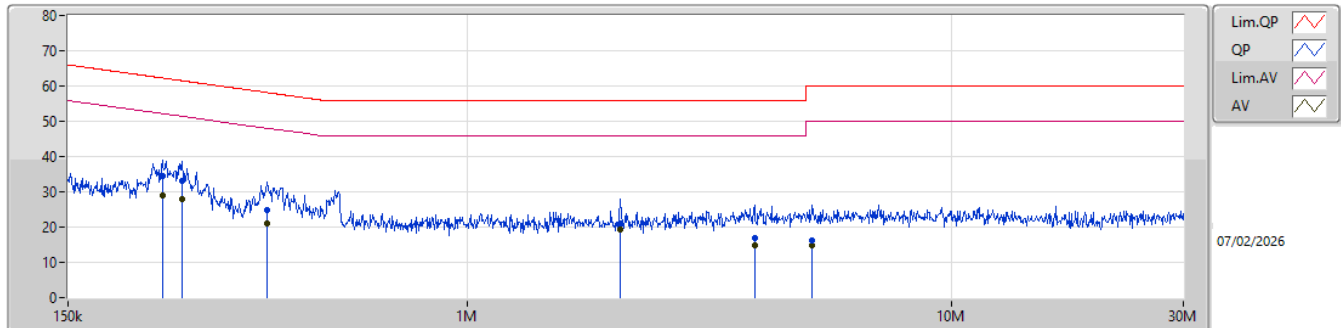
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	234.57k	29.12	52.29	-23.17	Line

Result

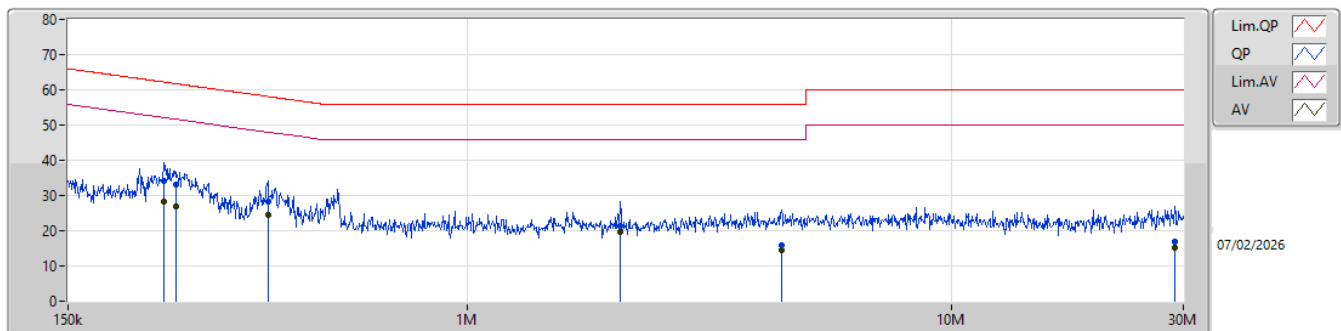
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	234.57k	34.40	62.29	-27.89	Line
Mode 1	Pass	AV	234.57k	29.12	52.29	-23.17	Line
Mode 1	Pass	QP	258.15k	33.11	61.49	-28.38	Line
Mode 1	Pass	AV	258.15k	27.91	51.49	-23.58	Line
Mode 1	Pass	QP	386.35k	24.88	58.14	-33.26	Line
Mode 1	Pass	AV	386.35k	20.94	48.14	-27.20	Line
Mode 1	Pass	QP	2.07M	21.11	56.00	-34.89	Line
Mode 1	Pass	AV	2.07M	19.29	46.00	-26.71	Line
Mode 1	Pass	QP	3.91M	16.81	56.00	-39.19	Line
Mode 1	Pass	AV	3.91M	14.66	46.00	-31.34	Line
Mode 1	Pass	QP	5.15M	16.27	60.00	-43.73	Line
Mode 1	Pass	AV	5.15M	14.84	50.00	-35.16	Line
Mode 1	Pass	QP	236.45k	34.15	62.21	-28.06	Neutral
Mode 1	Pass	AV	236.45k	28.25	52.21	-23.96	Neutral
Mode 1	Pass	QP	251.04k	33.19	61.72	-28.53	Neutral
Mode 1	Pass	AV	251.04k	27.01	51.72	-24.71	Neutral
Mode 1	Pass	QP	387.9k	28.23	58.10	-29.87	Neutral
Mode 1	Pass	AV	387.9k	24.53	48.10	-23.57	Neutral
Mode 1	Pass	QP	2.07M	21.44	56.00	-34.56	Neutral
Mode 1	Pass	AV	2.07M	19.53	46.00	-26.47	Neutral
Mode 1	Pass	QP	4.45M	15.77	56.00	-40.23	Neutral
Mode 1	Pass	AV	4.45M	14.45	46.00	-31.55	Neutral
Mode 1	Pass	QP	28.8M	16.87	60.00	-43.13	Neutral
Mode 1	Pass	AV	28.8M	15.33	50.00	-34.67	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	234.57k	34.40	62.29	-27.89	19.77	Line	14.63	9.64	0.01	10.12								
AV	234.57k	29.12	52.29	-23.17	19.77	Line	9.35	9.64	0.01	10.12								
QP	258.15k	33.11	61.49	-28.38	19.78	Line	13.33	9.64	0.02	10.12								
AV	258.15k	27.91	51.49	-23.58	19.78	Line	8.13	9.64	0.02	10.12								
QP	386.35k	24.88	58.14	-33.26	19.78	Line	5.10	9.63	0.03	10.12								
AV	386.35k	20.94	48.14	-27.20	19.78	Line	1.16	9.63	0.03	10.12								
QP	2.07M	21.11	56.00	-34.89	19.81	Line	1.30	9.65	0.03	10.13								
AV	2.07M	19.29	46.00	-26.71	19.81	Line	-0.52	9.65	0.03	10.13								
QP	3.91M	16.81	56.00	-39.19	19.84	Line	-3.03	9.66	0.05	10.13								
AV	3.91M	14.66	46.00	-31.34	19.84	Line	-5.18	9.66	0.05	10.13								
QP	5.15M	16.27	60.00	-43.73	19.90	Line	-3.63	9.67	0.10	10.13								
AV	5.15M	14.84	50.00	-35.16	19.90	Line	-5.06	9.67	0.10	10.13								

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	236.45k	34.15	62.21	-28.06	19.76	Neutral	14.39	9.63	0.01	10.12								
AV	236.45k	28.25	52.21	-23.96	19.76	Neutral	8.49	9.63	0.01	10.12								
QP	251.04k	33.19	61.72	-28.53	19.77	Neutral	13.42	9.63	0.02	10.12								
AV	251.04k	27.01	51.72	-24.71	19.77	Neutral	7.24	9.63	0.02	10.12								
QP	387.9k	28.23	58.10	-29.87	19.78	Neutral	8.45	9.63	0.03	10.12								
AV	387.9k	24.53	48.10	-23.57	19.78	Neutral	4.75	9.63	0.03	10.12								
QP	2.07M	21.44	56.00	-34.56	19.81	Neutral	1.63	9.65	0.03	10.13								
AV	2.07M	19.53	46.00	-26.47	19.81	Neutral	-0.28	9.65	0.03	10.13								
QP	4.45M	15.77	56.00	-40.23	19.86	Neutral	-4.09	9.66	0.07	10.13								
AV	4.45M	14.45	46.00	-31.55	19.86	Neutral	-5.41	9.66	0.07	10.13								
QP	28.8M	16.87	60.00	-43.13	20.16	Neutral	-3.29	9.67	0.36	10.13								
AV	28.8M	15.33	50.00	-34.67	20.16	Neutral	-4.83	9.67	0.36	10.13								

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(Port1)	42.075M	23.672M	23M7D1D	21.395M	16.926M
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)	43.065M	22.022M	22M0D1D	21.56M	18.145M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	34.87M	17.947M	17M9D1D	30.91M	17.59M
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)	36.905M	19.024M	19M0D1D	31.955M	18.176M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	35.805M	18.285M	18M3D1D	21.175M	14.61M
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)	32.45M	19.044M	19M0D1D	21.285M	14.604M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	16.335M	29.598M	29M6D1D	3.22M	13.539M
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)	17.545M	29.937M	29M9D1D	3.84M	14.532M

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

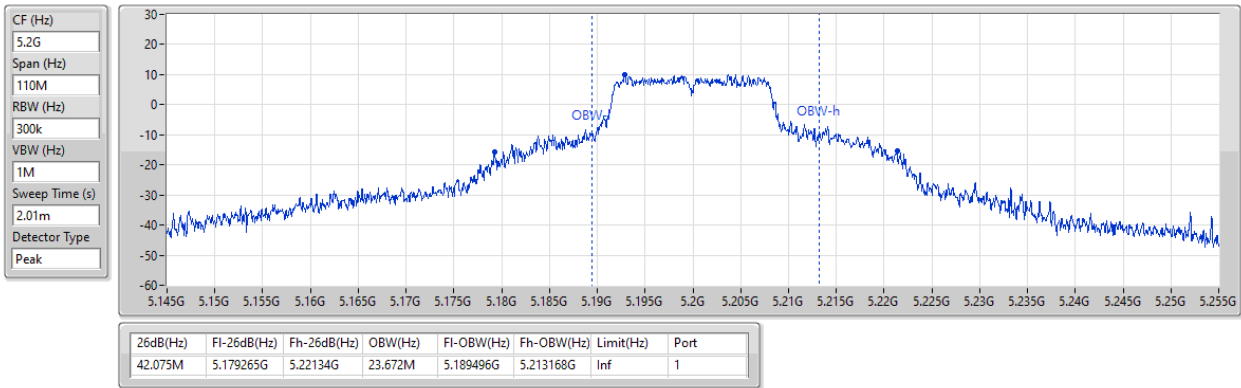
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-
5180MHz	Pass	Inf	21.395M	16.926M
5200MHz	Pass	Inf	42.075M	23.672M
5240MHz	Pass	Inf	35.915M	17.977M
5260MHz	Pass	Inf	33.55M	17.823M
5300MHz	Pass	Inf	34.87M	17.947M
5320MHz	Pass	Inf	30.91M	17.59M
5500MHz	Pass	Inf	21.175M	16.918M
5580MHz	Pass	Inf	35.805M	18.285M
5700MHz	Pass	Inf	21.285M	17.051M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	23.535M	14.61M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	13.539M
5745MHz	Pass	500k	16.335M	29.598M
5785MHz	Pass	500k	16.335M	29.555M
5825MHz	Pass	500k	15.95M	25.398M
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
5180MHz	Pass	Inf	21.56M	18.145M
5200MHz	Pass	Inf	43.065M	22.022M
5240MHz	Pass	Inf	32.835M	18.622M
5260MHz	Pass	Inf	36.905M	18.66M
5300MHz	Pass	Inf	33.33M	19.024M
5320MHz	Pass	Inf	31.955M	18.176M
5500MHz	Pass	Inf	21.395M	18.003M
5580MHz	Pass	Inf	32.45M	19.044M
5700MHz	Pass	Inf	21.285M	18.004M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.515M	14.604M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	14.532M
5745MHz	Pass	500k	17.545M	29.742M
5785MHz	Pass	500k	14.795M	29.937M
5825MHz	Pass	500k	16.665M	28.979M

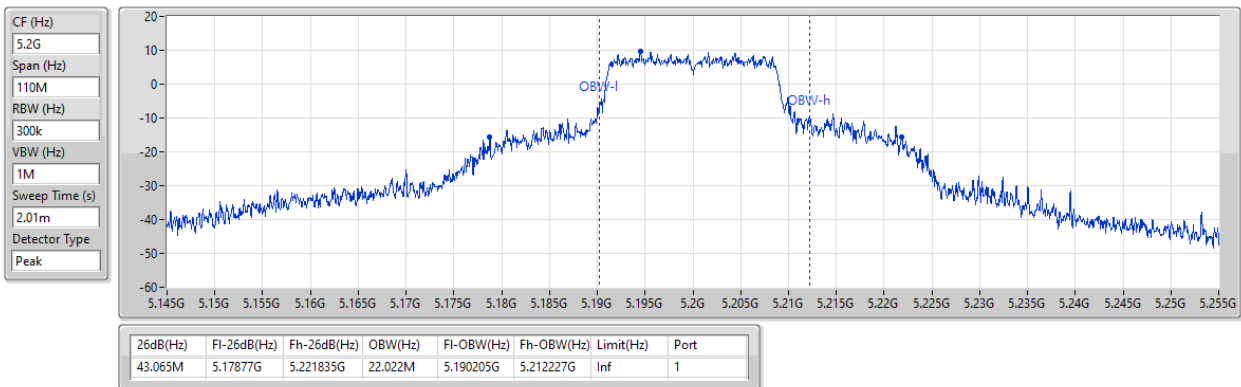
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5200MHz

18/11/2025

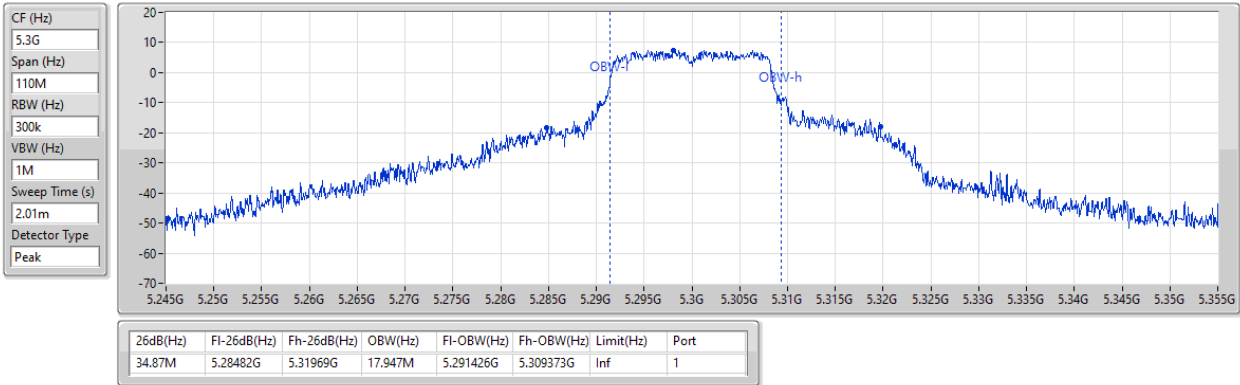

5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)
EBW
5200MHz

18/11/2025

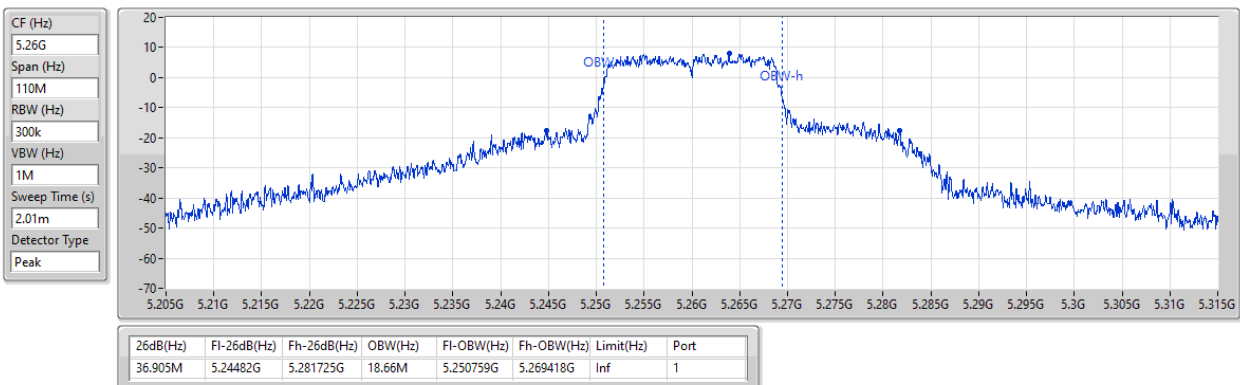


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)
EBW
5300MHz

18/11/2025


5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)
EBW
5260MHz

18/11/2025

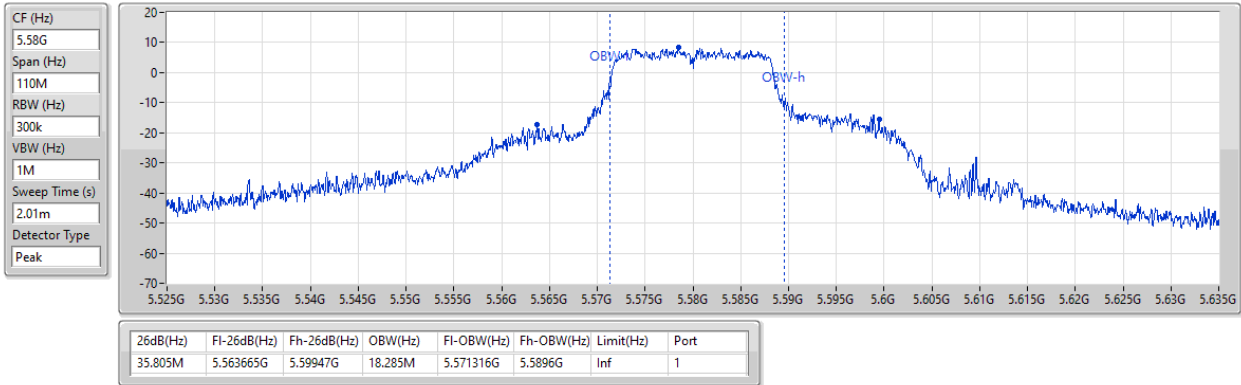


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5580MHz

18/11/2025

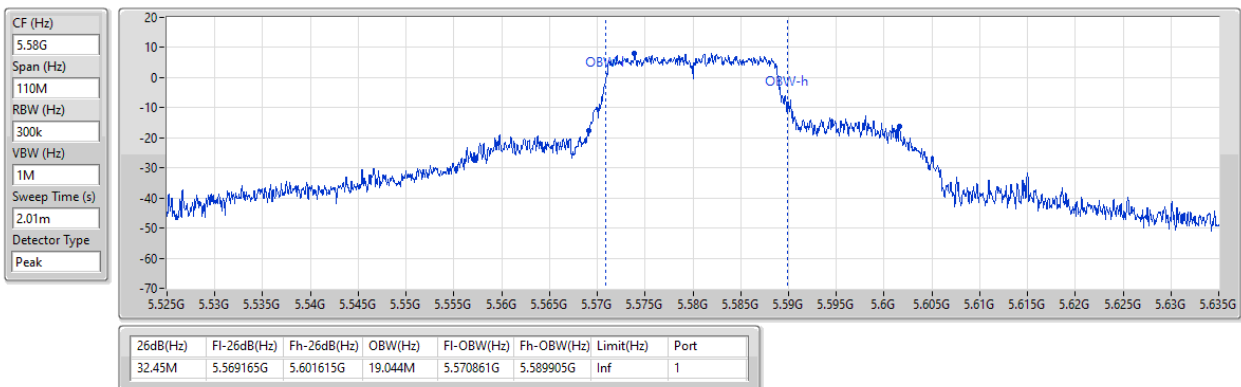


5.47-5.725GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

EBW

5580MHz

28/11/2025

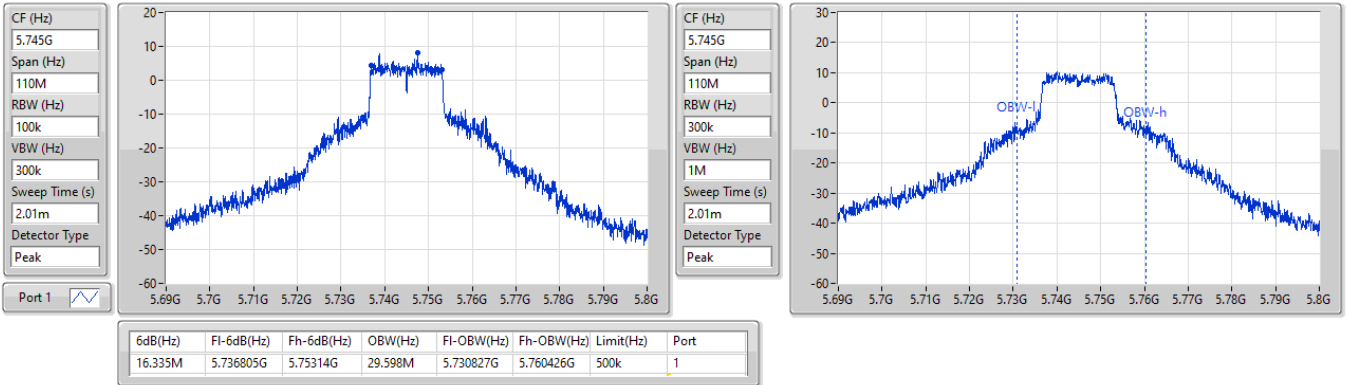


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5745MHz

18/11/2025

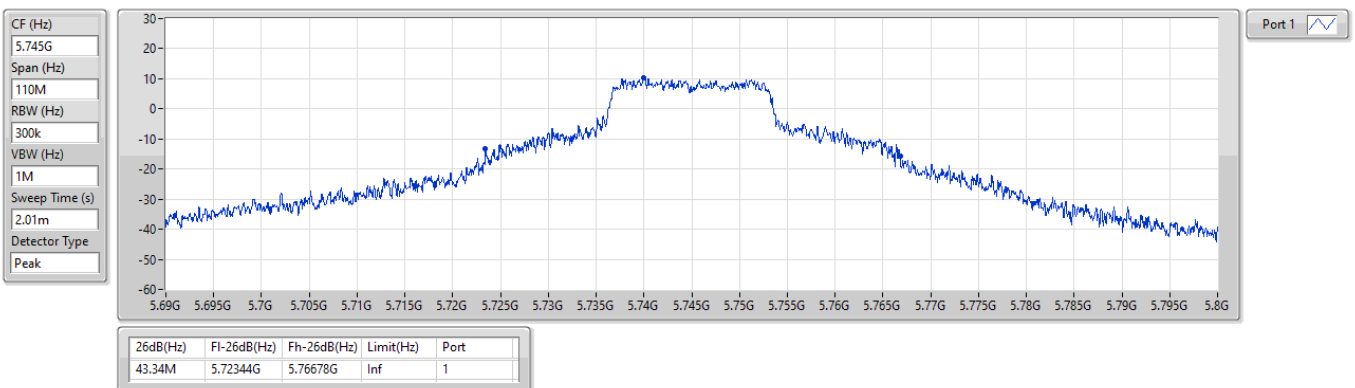


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5745MHz

18/11/2025

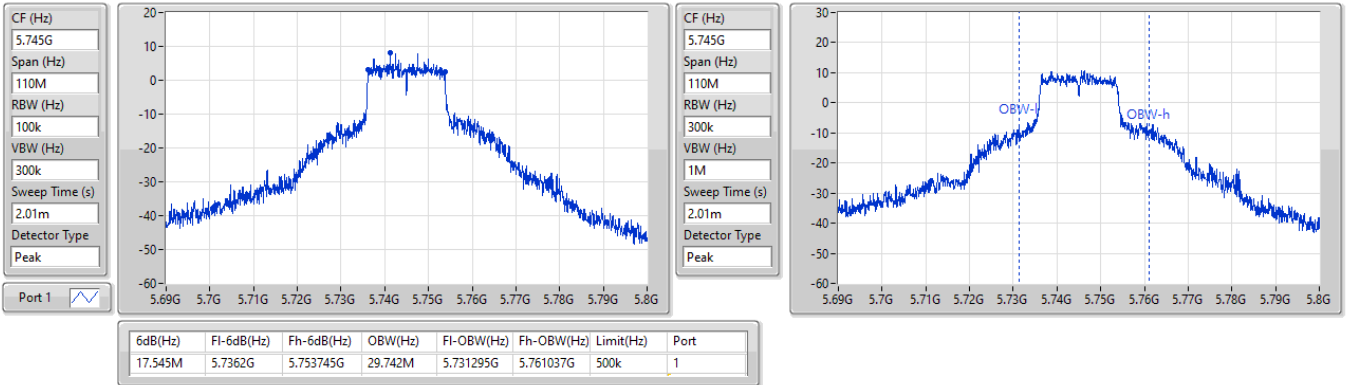


5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

EBW

5745MHz

28/11/2025

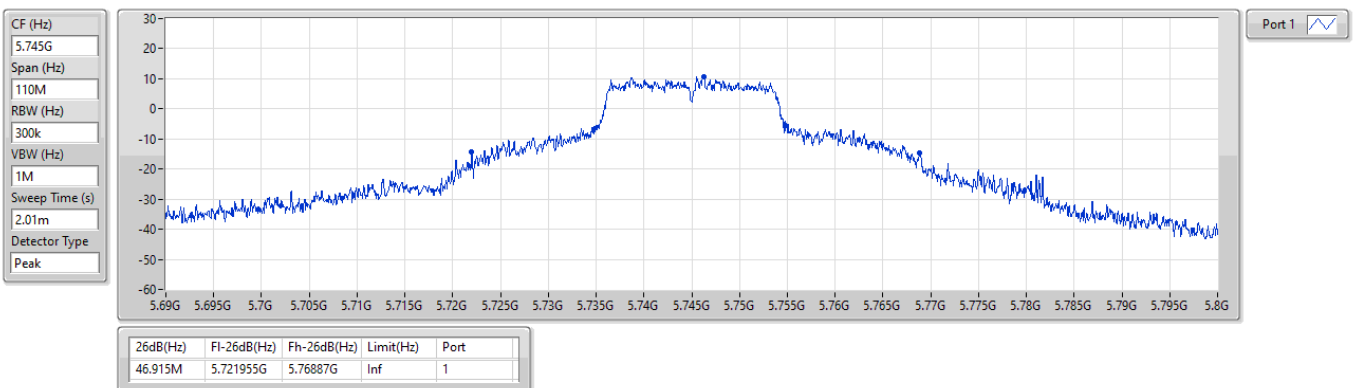


5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

EBW

5745MHz

28/11/2025



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	19.64	0.09204
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	18.83	0.07638
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	17.65	0.05821
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	17.71	0.05902
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	17.82	0.06053
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	17.99	0.06295
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	20.00	0.10000
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	19.89	0.09750

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
5180MHz	Pass	3.10	15.79	15.79	23.98
5200MHz	Pass	3.10	19.64	19.64	23.98
5240MHz	Pass	3.10	18.09	18.09	23.98
5260MHz	Pass	2.70	17.65	17.65	23.98
5300MHz	Pass	2.70	17.52	17.52	23.98
5320MHz	Pass	2.70	17.15	17.15	23.98
5500MHz	Pass	4.20	14.20	14.20	23.98
5580MHz	Pass	4.20	17.82	17.82	23.98
5700MHz	Pass	4.20	16.58	16.58	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	17.42	17.42	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.20	11.45	11.45	30.00
5745MHz	Pass	5.20	20.00	20.00	30.00
5785MHz	Pass	5.20	19.67	19.67	30.00
5825MHz	Pass	5.20	19.07	19.07	30.00
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5180MHz	Pass	3.10	15.69	15.69	23.98
5200MHz	Pass	3.10	18.83	18.83	23.98
5240MHz	Pass	3.10	17.85	17.85	23.98
5260MHz	Pass	2.70	17.71	17.71	23.98
5300MHz	Pass	2.70	17.62	17.62	23.98
5320MHz	Pass	2.70	17.04	17.04	23.98
5500MHz	Pass	4.20	13.68	13.68	23.98
5580MHz	Pass	4.20	17.99	17.99	23.98
5700MHz	Pass	4.20	14.17	14.17	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	17.60	17.60	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.20	12.05	12.05	30.00
5745MHz	Pass	5.20	19.89	19.89	30.00
5785MHz	Pass	5.20	19.88	19.88	30.00
5825MHz	Pass	5.20	19.44	19.44	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(Port1)	6.15
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	5.58
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	4.82
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	4.31
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	5.99
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	5.44
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	5.50
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	5.11

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(Port1)	-	-	-	-	-
5180MHz	Pass	3.10	2.74	2.74	11.00
5200MHz	Pass	3.10	6.15	6.15	11.00
5240MHz	Pass	3.10	4.64	4.64	11.00
5260MHz	Pass	2.70	4.48	4.48	11.00
5300MHz	Pass	2.70	4.82	4.82	11.00
5320MHz	Pass	2.70	4.07	4.07	11.00
5500MHz	Pass	4.20	0.86	0.86	11.00
5580MHz	Pass	4.20	5.99	5.99	11.00
5700MHz	Pass	4.20	3.41	3.41	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	5.40	5.40	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.20	3.76	3.76	30.00
5745MHz	Pass	5.20	5.50	5.50	30.00
5785MHz	Pass	5.20	5.29	5.29	30.00
5825MHz	Pass	5.20	4.74	4.74	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5180MHz	Pass	3.10	2.19	2.19	11.00
5200MHz	Pass	3.10	5.58	5.58	11.00
5240MHz	Pass	3.10	4.42	4.42	11.00
5260MHz	Pass	2.70	4.18	4.18	11.00
5300MHz	Pass	2.70	4.31	4.31	11.00
5320MHz	Pass	2.70	3.65	3.65	11.00
5500MHz	Pass	4.20	0.29	0.29	11.00
5580MHz	Pass	4.20	4.62	4.62	11.00
5700MHz	Pass	4.20	0.71	0.71	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	5.44	5.44	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.20	3.73	3.73	30.00
5745MHz	Pass	5.20	5.11	5.11	30.00
5785MHz	Pass	5.20	5.07	5.07	30.00
5825MHz	Pass	5.20	4.54	4.54	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.

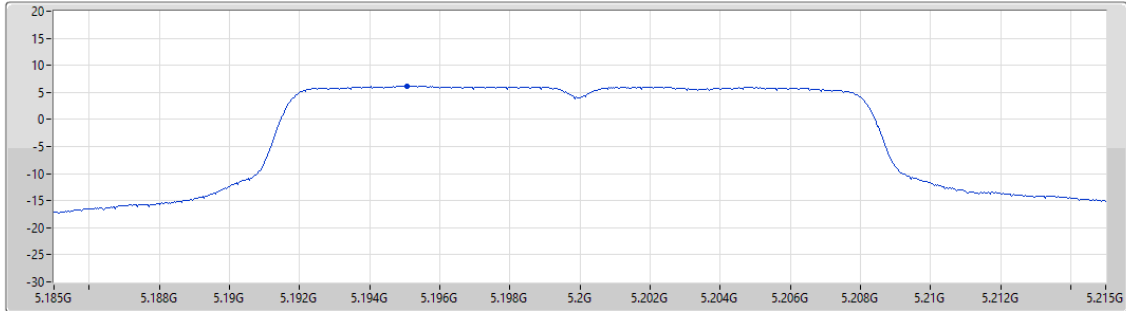
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5200MHz

28/11/2025

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
15.362
Detector Type
RMS



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.15	6.15	6.15

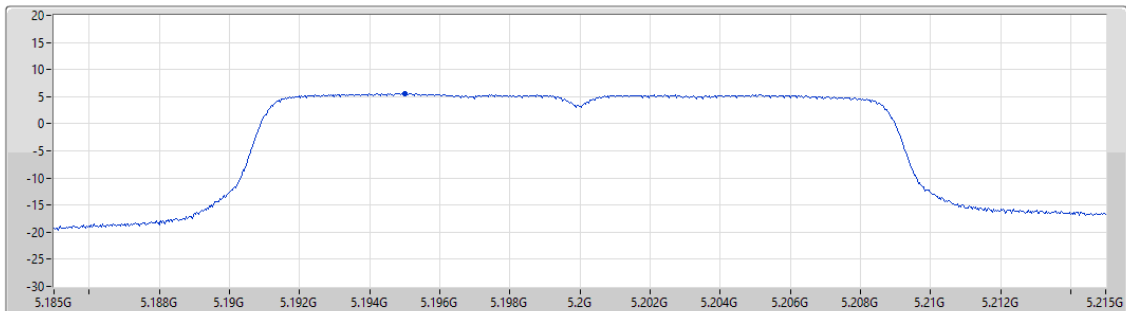
5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

PSD

5200MHz

28/11/2025

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.531
Detector Type
RMS



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.58	5.58	5.58

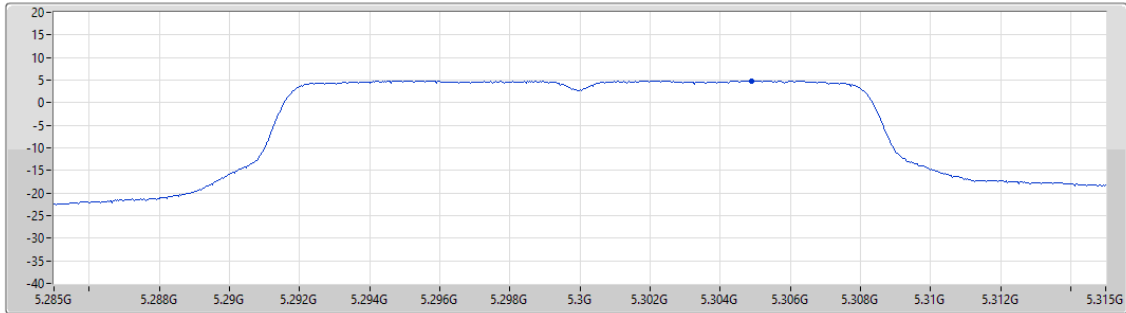
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5300MHz

28/11/2025

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
15.362
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.82	4.82	4.82

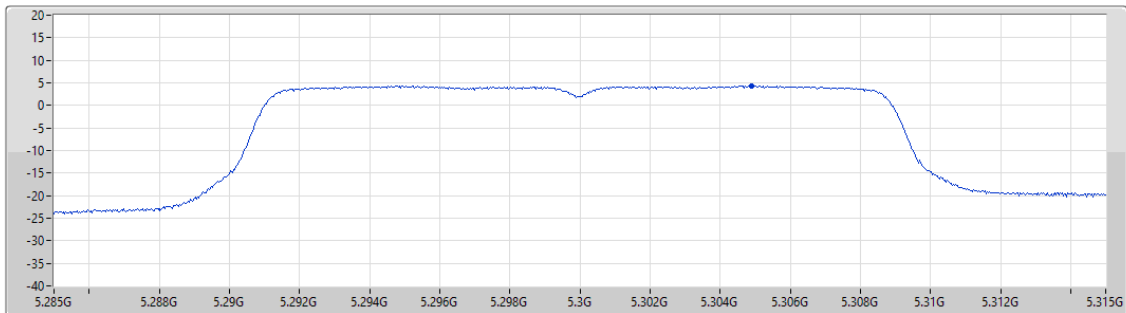
5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

PSD

5300MHz

28/11/2025

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
14.531
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.31	4.31	4.31

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5580MHz

28/11/2025

CF (Hz)
5.58G

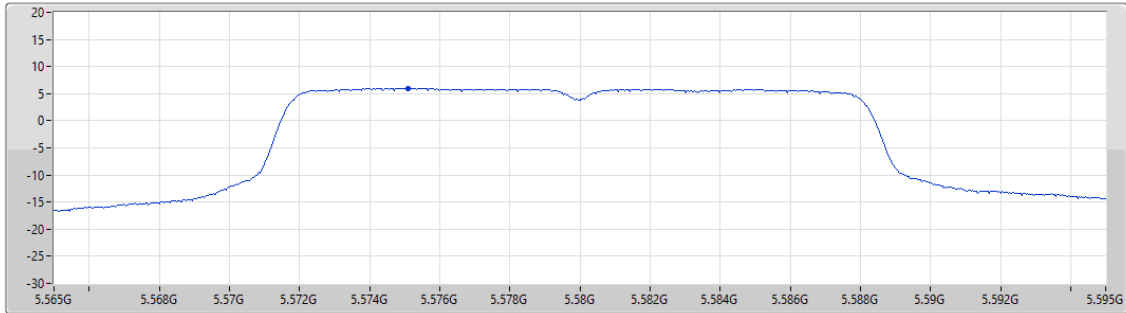
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.362

Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
5.99	5.99	5.99

5.47-5.725GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

PSD

5720MHz Straddle 5.47-5.725GHz

28/11/2025

CF (Hz)
5.71G

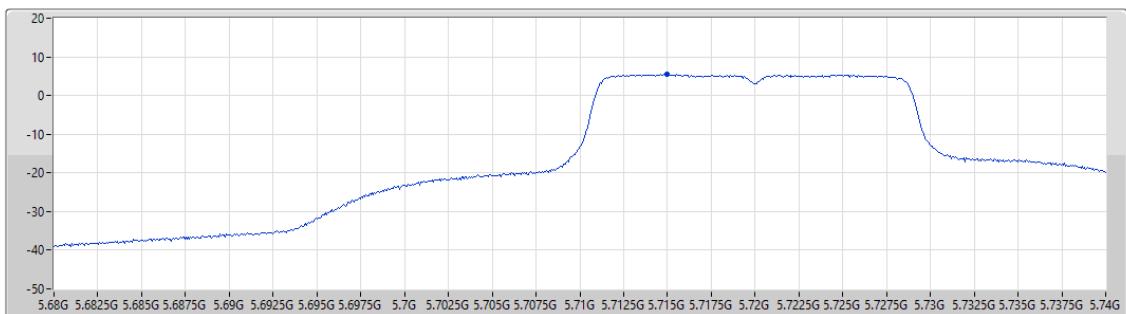
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
14.531

Detector Type
RMS



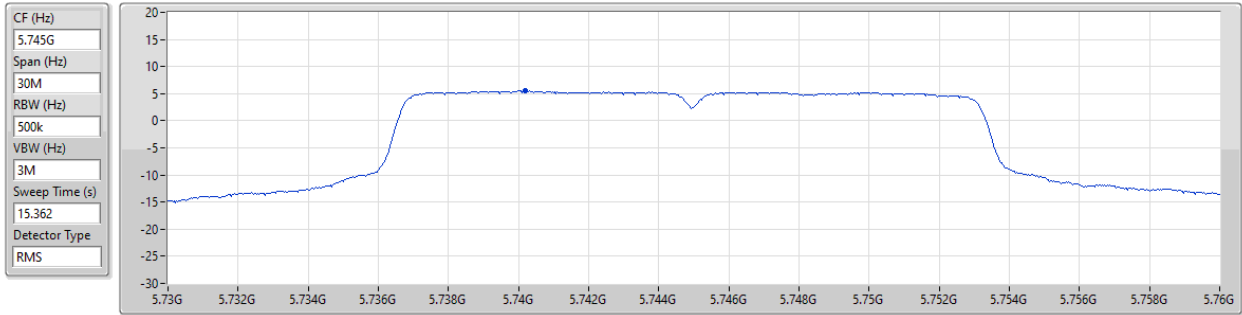
Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
5.44	5.44	5.44

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5745MHz

28/11/2025



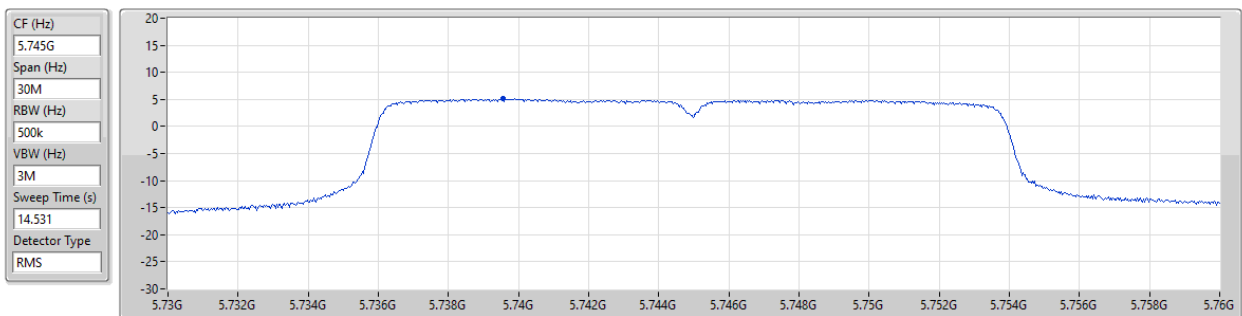
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.50	5.50	5.50

5.725-5.85GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

PSD

5745MHz

28/11/2025



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.11	5.11	5.11



Summary

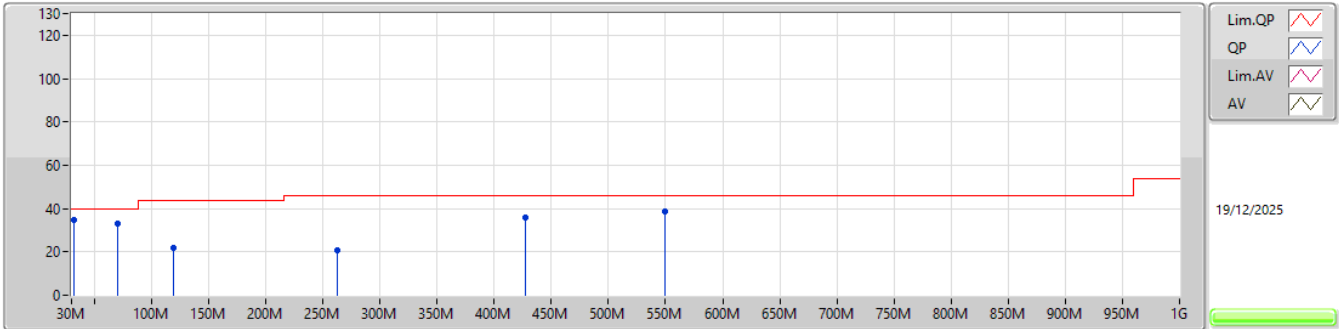
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	Pass	PK	31.94M	34.55	40.00	-5.45	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
5785MHz_Battery	Pass	PK	31.94M	34.55	40.00	-5.45	3	Vertical	360	1.00
5785MHz_Battery	Pass	PK	70.74M	32.91	40.00	-7.09	3	Vertical	360	1.00
5785MHz_Battery	Pass	PK	119.24M	21.70	43.50	-21.80	3	Vertical	360	1.00
5785MHz_Battery	Pass	PK	262.8M	20.92	46.00	-25.08	3	Vertical	360	1.00
5785MHz_Battery	Pass	PK	427.7M	35.90	46.00	-10.10	3	Vertical	360	1.00
5785MHz_Battery	Pass	PK	549.92M	38.43	46.00	-7.57	3	Vertical	360	1.00
5785MHz_Battery	Pass	PK	30M	23.56	40.00	-16.44	3	Horizontal	0	1.00
5785MHz_Battery	Pass	PK	70.74M	30.10	40.00	-9.90	3	Horizontal	0	1.00
5785MHz_Battery	Pass	PK	119.24M	19.76	43.50	-23.74	3	Horizontal	0	1.00
5785MHz_Battery	Pass	PK	256.98M	20.22	46.00	-25.78	3	Horizontal	0	1.00
5785MHz_Battery	Pass	PK	427.7M	27.53	46.00	-18.47	3	Horizontal	0	1.00
5785MHz_Battery	Pass	PK	520.82M	30.87	46.00	-15.13	3	Horizontal	0	1.00

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)

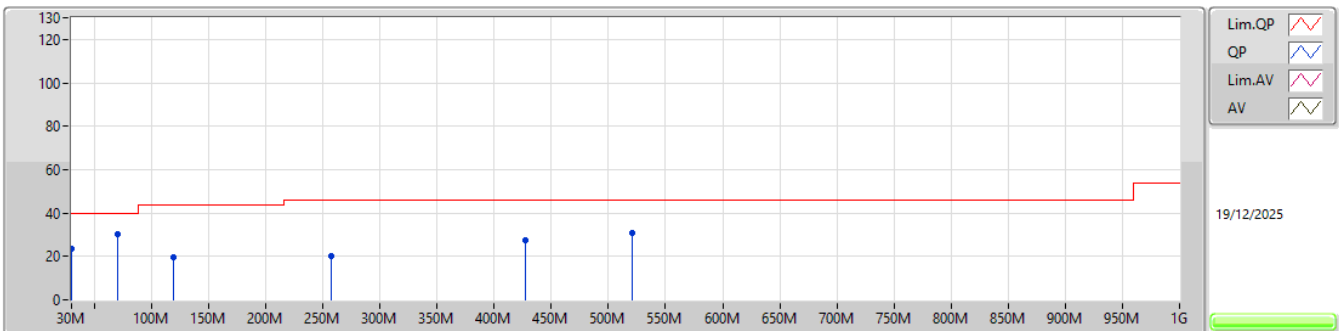
5785MHz_Battery



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	34.55	40.00	-5.45	-4.96	3	Vertical	360	1.00	39.51	21.98	0.45	27.39
PK	70.74M	32.91	40.00	-7.09	-14.97	3	Vertical	360	1.00	47.88	11.59	0.74	27.30
PK	119.24M	21.70	43.50	-21.80	-9.02	3	Vertical	360	1.00	30.72	17.20	0.93	27.15
PK	262.8M	20.92	46.00	-25.08	-7.07	3	Vertical	360	1.00	27.99	18.22	1.30	26.59
PK	427.7M	35.90	46.00	-10.10	-4.49	3	Vertical	360	1.00	40.39	21.53	1.58	27.60
PK	549.92M	38.43	46.00	-7.57	-2.32	3	Vertical	360	1.00	40.75	23.99	1.80	28.11

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)

5785MHz_Battery



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	23.56	40.00	-16.44	-4.71	3	Horizontal	0	1.00	28.27	22.26	0.42	27.39
PK	70.74M	30.10	40.00	-9.90	-14.97	3	Horizontal	0	1.00	45.07	11.59	0.74	27.30
PK	119.24M	19.76	43.50	-23.74	-9.02	3	Horizontal	0	1.00	28.78	17.20	0.93	27.15
PK	256.98M	20.22	46.00	-25.78	-6.86	3	Horizontal	0	1.00	27.08	18.43	1.29	26.58
PK	427.7M	27.53	46.00	-18.47	-4.49	3	Horizontal	0	1.00	32.02	21.53	1.58	27.60
PK	520.82M	30.87	46.00	-15.13	-3.60	3	Horizontal	0	1.00	34.47	22.72	1.79	28.11

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(Port1)	Pass	AV	5.1498G	52.46	54.00	-1.54	3	Vertical	61	1.00
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	Pass	AV	5.15G	52.50	54.00	-1.50	3	Vertical	60	1.00
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	5.35G	51.23	54.00	-2.77	3	Vertical	60	1.00
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	Pass	PK	5.3504G	72.23	74.00	-1.77	3	Vertical	63	1.01
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	PK	5.7324G	66.47	68.20	-1.73	3	Vertical	64	1.04
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	Pass	PK	5.7252G	66.19	68.20	-2.01	3	Vertical	65	1.01
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	11.56932G	47.50	54.00	-6.50	3	Vertical	319	1.89
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	Pass	AV	11.6505G	47.86	54.00	-6.14	3	Horizontal	72	2.82

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(Port1)	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	52.46	54.00	-1.54	3	Vertical	61	1.00
5180MHz	Pass	AV	5.1738G	100.36	Inf	-Inf	3	Vertical	61	1.00
5180MHz	Pass	PK	5.15G	70.90	74.00	-3.10	3	Vertical	61	1.00
5180MHz	Pass	PK	5.1782G	110.86	Inf	-Inf	3	Vertical	61	1.00
5180MHz	Pass	AV	5.1494G	47.64	54.00	-6.36	3	Horizontal	56	2.32
5180MHz	Pass	AV	5.174G	94.24	Inf	-Inf	3	Horizontal	56	2.32
5180MHz	Pass	PK	5.149G	63.93	74.00	-10.07	3	Horizontal	56	2.32
5180MHz	Pass	PK	5.1782G	104.23	Inf	-Inf	3	Horizontal	56	2.32
5180MHz	Pass	PK	10.3595G	56.08	68.20	-12.12	3	Vertical	328	1.03
5180MHz	Pass	PK	10.35778G	55.02	68.20	-13.18	3	Horizontal	224	1.49
5200MHz	Pass	AV	5.15G	51.85	54.00	-2.15	3	Vertical	57	1.04
5200MHz	Pass	AV	5.2044G	103.82	Inf	-Inf	3	Vertical	57	1.04
5200MHz	Pass	PK	5.1468G	72.01	74.00	-1.99	3	Vertical	57	1.04
5200MHz	Pass	PK	5.1984G	113.73	Inf	-Inf	3	Vertical	57	1.04
5200MHz	Pass	AV	5.15G	46.75	54.00	-7.25	3	Horizontal	55	2.14
5200MHz	Pass	AV	5.194G	96.71	Inf	-Inf	3	Horizontal	55	2.14
5200MHz	Pass	PK	5.1472G	65.48	74.00	-8.52	3	Horizontal	55	2.14
5200MHz	Pass	PK	5.1984G	106.34	Inf	-Inf	3	Horizontal	55	2.14
5200MHz	Pass	PK	10.4002G	62.32	68.20	-5.88	3	Vertical	328	1.50
5200MHz	Pass	PK	10.39772G	62.53	68.20	-5.67	3	Horizontal	80	2.07
5240MHz	Pass	AV	5.1476G	43.06	54.00	-10.94	3	Vertical	59	1.03
5240MHz	Pass	AV	5.234G	103.64	Inf	-Inf	3	Vertical	59	1.03
5240MHz	Pass	AV	5.3546G	43.26	54.00	-10.74	3	Vertical	59	1.03
5240MHz	Pass	PK	5.1434G	55.35	74.00	-18.65	3	Vertical	59	1.03
5240MHz	Pass	PK	5.243G	113.44	Inf	-Inf	3	Vertical	59	1.03
5240MHz	Pass	PK	5.3876G	55.45	74.00	-18.55	3	Vertical	59	1.03
5240MHz	Pass	AV	5.1452G	42.14	54.00	-11.86	3	Horizontal	55	2.37
5240MHz	Pass	AV	5.234G	96.77	Inf	-Inf	3	Horizontal	55	2.37
5240MHz	Pass	AV	5.3636G	42.72	54.00	-11.28	3	Horizontal	55	2.37
5240MHz	Pass	PK	5.1266G	54.60	74.00	-19.40	3	Horizontal	55	2.37
5240MHz	Pass	PK	5.2358G	106.52	Inf	-Inf	3	Horizontal	55	2.37
5240MHz	Pass	PK	5.3558G	56.02	74.00	-17.98	3	Horizontal	55	2.37
5240MHz	Pass	PK	10.47776G	59.25	68.20	-8.95	3	Vertical	336	1.93
5240MHz	Pass	PK	10.4778G	57.52	68.20	-10.68	3	Horizontal	279	2.95
5260MHz	Pass	AV	5.1466G	42.17	54.00	-11.83	3	Vertical	60	1.03
5260MHz	Pass	AV	5.254G	103.76	Inf	-Inf	3	Vertical	60	1.03
5260MHz	Pass	AV	5.3536G	43.12	54.00	-10.88	3	Vertical	60	1.03
5260MHz	Pass	PK	5.15G	54.75	74.00	-19.25	3	Vertical	60	1.03
5260MHz	Pass	PK	5.2588G	113.44	Inf	-Inf	3	Vertical	60	1.03
5260MHz	Pass	PK	5.3542G	58.59	74.00	-15.41	3	Vertical	60	1.03
5260MHz	Pass	AV	5.1496G	41.52	54.00	-12.48	3	Horizontal	93	2.40
5260MHz	Pass	AV	5.254G	96.53	Inf	-Inf	3	Horizontal	93	2.40
5260MHz	Pass	AV	5.3536G	42.45	54.00	-11.55	3	Horizontal	93	2.40
5260MHz	Pass	PK	5.122G	54.53	74.00	-19.47	3	Horizontal	93	2.40
5260MHz	Pass	PK	5.2582G	106.08	Inf	-Inf	3	Horizontal	93	2.40
5260MHz	Pass	PK	5.3692G	55.86	74.00	-18.14	3	Horizontal	93	2.40
5260MHz	Pass	PK	10.51868G	59.17	68.20	-9.03	3	Vertical	335	1.97
5260MHz	Pass	PK	10.51928G	58.19	68.20	-10.01	3	Horizontal	360	2.92
5300MHz	Pass	AV	5.294G	103.76	Inf	-Inf	3	Vertical	60	1.00
5300MHz	Pass	AV	5.35G	51.23	54.00	-2.77	3	Vertical	60	1.00
5300MHz	Pass	PK	5.2988G	113.53	Inf	-Inf	3	Vertical	60	1.00
5300MHz	Pass	PK	5.352G	70.63	74.00	-3.37	3	Vertical	60	1.00
5300MHz	Pass	AV	5.302G	96.55	Inf	-Inf	3	Horizontal	54	2.32
5300MHz	Pass	AV	5.35G	45.87	54.00	-8.13	3	Horizontal	54	2.32
5300MHz	Pass	PK	5.3036G	106.59	Inf	-Inf	3	Horizontal	54	2.32
5300MHz	Pass	PK	5.3524G	64.41	74.00	-9.59	3	Horizontal	54	2.32
5300MHz	Pass	AV	10.6001G	46.90	54.00	-7.10	3	Vertical	330	2.02
5300MHz	Pass	PK	10.5993G	59.89	68.20	-8.31	3	Vertical	330	2.02
5300MHz	Pass	AV	10.60202G	46.13	54.00	-7.87	3	Horizontal	360	2.96
5300MHz	Pass	PK	10.60318G	59.11	74.00	-14.89	3	Horizontal	360	2.96

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5320MHz	Pass	AV	5.3138G	101.54	Inf	-Inf	3	Vertical	65	1.00
5320MHz	Pass	AV	5.35G	49.98	54.00	-4.02	3	Vertical	65	1.00
5320MHz	Pass	PK	5.3156G	111.50	Inf	-Inf	3	Vertical	65	1.00
5320MHz	Pass	PK	5.3526G	70.70	74.00	-3.30	3	Vertical	65	1.00
5320MHz	Pass	AV	5.314G	95.02	Inf	-Inf	3	Horizontal	51	2.60
5320MHz	Pass	AV	5.35G	45.15	54.00	-8.85	3	Horizontal	51	2.60
5320MHz	Pass	PK	5.3182G	105.01	Inf	-Inf	3	Horizontal	51	2.60
5320MHz	Pass	PK	5.3528G	63.51	74.00	-10.49	3	Horizontal	51	2.60
5320MHz	Pass	AV	10.64106G	40.75	54.00	-13.25	3	Vertical	114	1.92
5320MHz	Pass	PK	10.63754G	53.02	74.00	-20.98	3	Vertical	114	1.92
5320MHz	Pass	AV	10.64196G	40.84	54.00	-13.16	3	Horizontal	304	1.50
5320MHz	Pass	PK	10.63742G	52.52	74.00	-21.48	3	Horizontal	304	1.50
5500MHz	Pass	AV	5.4592G	44.75	54.00	-9.25	3	Vertical	66	1.09
5500MHz	Pass	AV	5.4992G	97.55	Inf	-Inf	3	Vertical	66	1.09
5500MHz	Pass	PK	5.4578G	57.29	74.00	-16.71	3	Vertical	66	1.09
5500MHz	Pass	PK	5.4676G	65.96	68.20	-2.24	3	Vertical	66	1.09
5500MHz	Pass	PK	5.4982G	108.08	Inf	-Inf	3	Vertical	66	1.09
5500MHz	Pass	AV	5.4574G	43.07	54.00	-10.93	3	Horizontal	49	2.42
5500MHz	Pass	AV	5.4938G	92.69	Inf	-Inf	3	Horizontal	49	2.42
5500MHz	Pass	PK	5.4576G	56.73	74.00	-17.27	3	Horizontal	49	2.42
5500MHz	Pass	PK	5.4676G	62.49	68.20	-5.71	3	Horizontal	49	2.42
5500MHz	Pass	PK	5.4982G	103.15	Inf	-Inf	3	Horizontal	49	2.42
5500MHz	Pass	AV	11.00006G	42.23	54.00	-11.77	3	Vertical	323	2.32
5500MHz	Pass	PK	11.00218G	54.17	74.00	-19.83	3	Vertical	323	2.32
5500MHz	Pass	AV	11.00178G	41.87	54.00	-12.13	3	Horizontal	256	1.85
5500MHz	Pass	PK	10.99954G	53.90	74.00	-20.10	3	Horizontal	256	1.85
5580MHz	Pass	AV	5.4462G	42.40	54.00	-11.60	3	Vertical	62	1.00
5580MHz	Pass	AV	5.574G	103.89	Inf	-Inf	3	Vertical	62	1.00
5580MHz	Pass	PK	5.451G	55.56	74.00	-18.44	3	Vertical	62	1.00
5580MHz	Pass	PK	5.4648G	55.90	68.20	-12.30	3	Vertical	62	1.00
5580MHz	Pass	PK	5.5788G	113.73	Inf	-Inf	3	Vertical	62	1.00
5580MHz	Pass	PK	5.7252G	55.78	68.20	-12.42	3	Vertical	62	1.00
5580MHz	Pass	AV	5.4312G	41.85	54.00	-12.15	3	Horizontal	106	1.02
5580MHz	Pass	AV	5.574G	94.93	Inf	-Inf	3	Horizontal	106	1.02
5580MHz	Pass	PK	5.4552G	54.81	74.00	-19.19	3	Horizontal	106	1.02
5580MHz	Pass	PK	5.4648G	54.71	68.20	-13.49	3	Horizontal	106	1.02
5580MHz	Pass	PK	5.5758G	104.75	Inf	-Inf	3	Horizontal	106	1.02
5580MHz	Pass	PK	5.7276G	55.26	68.20	-12.94	3	Horizontal	106	1.02
5580MHz	Pass	AV	11.15906G	45.14	54.00	-8.86	3	Vertical	321	2.25
5580MHz	Pass	PK	11.16272G	57.06	74.00	-16.94	3	Vertical	321	2.25
5580MHz	Pass	AV	11.15964G	47.46	54.00	-6.54	3	Horizontal	102	2.93
5580MHz	Pass	PK	11.15926G	59.69	74.00	-14.31	3	Horizontal	102	2.93
5700MHz	Pass	AV	5.694G	101.08	Inf	-Inf	3	Vertical	64	1.04
5700MHz	Pass	PK	5.6984G	111.27	Inf	-Inf	3	Vertical	64	1.04
5700MHz	Pass	PK	5.7324G	66.47	68.20	-1.73	3	Vertical	64	1.04
5700MHz	Pass	AV	5.694G	92.66	Inf	-Inf	3	Horizontal	48	1.00
5700MHz	Pass	PK	5.6984G	102.88	Inf	-Inf	3	Horizontal	48	1.00
5700MHz	Pass	PK	5.7256G	60.16	68.20	-8.04	3	Horizontal	48	1.00
5700MHz	Pass	AV	11.39932G	42.42	54.00	-11.58	3	Vertical	317	1.96
5700MHz	Pass	PK	11.39886G	55.01	74.00	-18.99	3	Vertical	317	1.96
5700MHz	Pass	AV	11.40136G	42.58	54.00	-11.42	3	Horizontal	103	2.48
5700MHz	Pass	PK	11.40144G	55.02	74.00	-18.98	3	Horizontal	103	2.48
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4356G	41.82	54.00	-12.18	3	Vertical	62	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.714G	105.04	Inf	-Inf	3	Vertical	62	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4536G	54.24	74.00	-19.76	3	Vertical	62	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	54.58	68.20	-13.62	3	Vertical	62	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	115.29	Inf	-Inf	3	Vertical	62	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.858G	57.30	68.20	-10.90	3	Vertical	62	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4224G	41.75	54.00	-12.25	3	Horizontal	44	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	95.31	Inf	-Inf	3	Horizontal	44	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4536G	55.56	74.00	-18.44	3	Horizontal	44	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	55.10	68.20	-13.10	3	Horizontal	44	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	105.84	Inf	-Inf	3	Horizontal	44	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9684G	56.69	68.20	-11.51	3	Horizontal	44	1.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43674G	45.32	54.00	-8.68	3	Vertical	316	2.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44054G	57.26	74.00	-16.74	3	Vertical	316	2.13
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.439G	44.83	54.00	-9.17	3	Horizontal	12	1.77
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44332G	56.13	74.00	-17.87	3	Horizontal	12	1.77
5745MHz	Pass	AV	5.4534G	42.00	54.00	-12.00	3	Vertical	61	1.00
5745MHz	Pass	AV	5.739G	104.34	Inf	-Inf	3	Vertical	61	1.00
5745MHz	Pass	PK	5.6502G	58.95	68.35	-9.40	3	Vertical	61	1.00
5745MHz	Pass	PK	5.7486G	114.32	Inf	-Inf	3	Vertical	61	1.00
5745MHz	Pass	PK	5.991G	57.61	68.20	-10.59	3	Vertical	61	1.00
5745MHz	Pass	AV	5.4558G	41.82	54.00	-12.18	3	Horizontal	44	1.00
5745MHz	Pass	AV	5.739G	94.39	Inf	-Inf	3	Horizontal	44	1.00
5745MHz	Pass	PK	5.4966G	54.95	68.20	-13.25	3	Horizontal	44	1.00
5745MHz	Pass	PK	5.7426G	104.13	Inf	-Inf	3	Horizontal	44	1.00
5745MHz	Pass	PK	5.955G	57.35	68.20	-10.85	3	Horizontal	44	1.00
5745MHz	Pass	AV	11.49424G	40.58	54.00	-13.42	3	Vertical	172	1.50
5745MHz	Pass	PK	11.4871G	52.80	74.00	-21.20	3	Vertical	172	1.50
5745MHz	Pass	AV	11.48688G	40.60	54.00	-13.40	3	Horizontal	316	1.50
5745MHz	Pass	PK	11.49452G	52.66	74.00	-21.34	3	Horizontal	316	1.50
5785MHz	Pass	AV	5.779G	104.20	Inf	-Inf	3	Vertical	63	1.01
5785MHz	Pass	PK	5.6134G	55.24	68.20	-12.96	3	Vertical	63	1.01
5785MHz	Pass	PK	5.7886G	114.37	Inf	-Inf	3	Vertical	63	1.01
5785MHz	Pass	PK	6.0334G	57.66	68.20	-10.54	3	Vertical	63	1.01
5785MHz	Pass	AV	5.779G	94.26	Inf	-Inf	3	Horizontal	44	1.02
5785MHz	Pass	PK	5.6014G	55.25	68.20	-12.95	3	Horizontal	44	1.02
5785MHz	Pass	PK	5.7826G	104.12	Inf	-Inf	3	Horizontal	44	1.02
5785MHz	Pass	PK	5.9422G	57.04	68.20	-11.16	3	Horizontal	44	1.02
5785MHz	Pass	AV	11.56932G	47.50	54.00	-6.50	3	Vertical	319	1.89
5785MHz	Pass	PK	11.57324G	59.36	74.00	-14.64	3	Vertical	319	1.89
5785MHz	Pass	AV	11.56922G	44.23	54.00	-9.77	3	Horizontal	17	1.04
5785MHz	Pass	PK	11.57084G	56.30	74.00	-17.70	3	Horizontal	17	1.04
5825MHz	Pass	AV	5.8202G	103.01	Inf	-Inf	3	Vertical	64	1.05
5825MHz	Pass	PK	5.6354G	55.61	68.20	-12.59	3	Vertical	64	1.05
5825MHz	Pass	PK	5.8226G	113.76	Inf	-Inf	3	Vertical	64	1.05
5825MHz	Pass	PK	5.9546G	57.15	68.20	-11.05	3	Vertical	64	1.05
5825MHz	Pass	AV	5.8178G	92.61	Inf	-Inf	3	Horizontal	46	2.39
5825MHz	Pass	PK	5.6102G	55.25	68.20	-12.95	3	Horizontal	46	2.39
5825MHz	Pass	PK	5.8202G	103.11	Inf	-Inf	3	Horizontal	46	2.39
5825MHz	Pass	PK	6.119G	56.53	68.20	-11.67	3	Horizontal	46	2.39
5825MHz	Pass	AV	11.64948G	47.32	54.00	-6.68	3	Vertical	195	1.43
5825MHz	Pass	PK	11.651G	59.99	74.00	-14.01	3	Vertical	195	1.43
5825MHz	Pass	AV	11.6492G	47.03	54.00	-6.97	3	Horizontal	52	2.47
5825MHz	Pass	PK	11.65636G	59.24	74.00	-14.76	3	Horizontal	52	2.47
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	52.50	54.00	-1.50	3	Vertical	60	1.00
5180MHz	Pass	AV	5.1742G	99.69	Inf	-Inf	3	Vertical	60	1.00
5180MHz	Pass	PK	5.1432G	71.04	74.00	-2.96	3	Vertical	60	1.00
5180MHz	Pass	PK	5.1746G	109.84	Inf	-Inf	3	Vertical	60	1.00
5180MHz	Pass	AV	5.1494G	46.68	54.00	-7.32	3	Horizontal	54	2.31
5180MHz	Pass	AV	5.1748G	93.31	Inf	-Inf	3	Horizontal	54	2.31
5180MHz	Pass	PK	5.146G	64.28	74.00	-9.72	3	Horizontal	54	2.31
5180MHz	Pass	PK	5.184G	103.18	Inf	-Inf	3	Horizontal	54	2.31
5180MHz	Pass	PK	10.36406G	55.52	68.20	-12.68	3	Vertical	329	1.08
5180MHz	Pass	PK	10.36164G	54.32	68.20	-13.88	3	Horizontal	223	1.37
5200MHz	Pass	AV	5.15G	52.10	54.00	-1.90	3	Vertical	58	1.05
5200MHz	Pass	AV	5.2052G	103.38	Inf	-Inf	3	Vertical	58	1.05
5200MHz	Pass	PK	5.148G	70.54	74.00	-3.46	3	Vertical	58	1.05
5200MHz	Pass	PK	5.2044G	113.61	Inf	-Inf	3	Vertical	58	1.05
5200MHz	Pass	AV	5.15G	46.60	54.00	-7.40	3	Horizontal	54	2.14
5200MHz	Pass	AV	5.1952G	96.04	Inf	-Inf	3	Horizontal	54	2.14
5200MHz	Pass	PK	5.1496G	69.24	74.00	-4.76	3	Horizontal	54	2.14

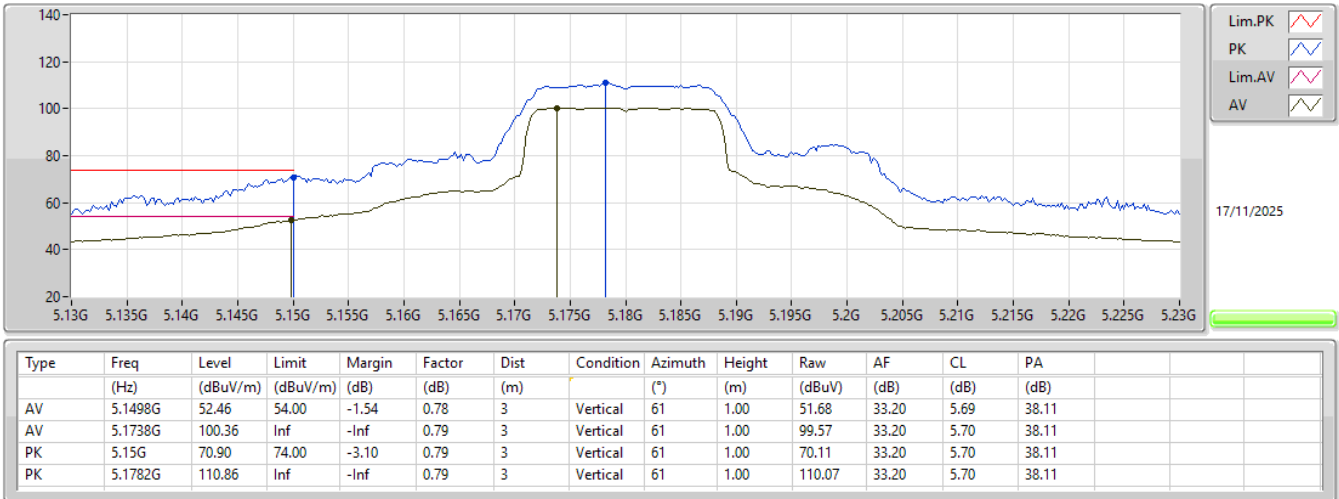
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5200MHz	Pass	PK	5.2036G	106.10	Inf	-Inf	3	Horizontal	54	2.14
5200MHz	Pass	PK	10.40066G	59.55	68.20	-8.65	3	Vertical	329	1.06
5200MHz	Pass	PK	10.40114G	57.33	68.20	-10.87	3	Horizontal	224	1.42
5240MHz	Pass	AV	5.1482G	43.36	54.00	-10.64	3	Vertical	59	1.02
5240MHz	Pass	AV	5.2424G	103.50	Inf	-Inf	3	Vertical	59	1.02
5240MHz	Pass	AV	5.3522G	43.20	54.00	-10.80	3	Vertical	59	1.02
5240MHz	Pass	PK	5.15G	58.79	74.00	-15.21	3	Vertical	59	1.02
5240MHz	Pass	PK	5.243G	114.27	Inf	-Inf	3	Vertical	59	1.02
5240MHz	Pass	PK	5.36G	56.81	74.00	-17.19	3	Vertical	59	1.02
5240MHz	Pass	AV	5.15G	41.96	54.00	-12.04	3	Horizontal	41	2.21
5240MHz	Pass	AV	5.2448G	94.75	Inf	-Inf	3	Horizontal	41	2.21
5240MHz	Pass	AV	5.366G	42.67	54.00	-11.33	3	Horizontal	41	2.21
5240MHz	Pass	PK	5.1428G	54.47	74.00	-19.53	3	Horizontal	41	2.21
5240MHz	Pass	PK	5.243G	104.91	Inf	-Inf	3	Horizontal	41	2.21
5240MHz	Pass	PK	5.3774G	55.62	74.00	-18.38	3	Horizontal	41	2.21
5240MHz	Pass	PK	10.47914G	60.76	68.20	-7.44	3	Vertical	319	1.50
5240MHz	Pass	PK	10.48128G	57.58	68.20	-10.62	3	Horizontal	223	1.24
5260MHz	Pass	AV	5.1484G	42.52	54.00	-11.48	3	Vertical	59	1.03
5260MHz	Pass	AV	5.2558G	103.35	Inf	-Inf	3	Vertical	59	1.03
5260MHz	Pass	AV	5.35G	43.09	54.00	-10.91	3	Vertical	59	1.03
5260MHz	Pass	PK	5.149G	55.31	74.00	-18.69	3	Vertical	59	1.03
5260MHz	Pass	PK	5.2546G	113.59	Inf	-Inf	3	Vertical	59	1.03
5260MHz	Pass	PK	5.3506G	59.55	74.00	-14.45	3	Vertical	59	1.03
5260MHz	Pass	AV	5.143G	41.69	54.00	-12.31	3	Horizontal	94	2.41
5260MHz	Pass	AV	5.2558G	95.89	Inf	-Inf	3	Horizontal	94	2.41
5260MHz	Pass	AV	5.3722G	42.38	54.00	-11.62	3	Horizontal	94	2.41
5260MHz	Pass	PK	5.143G	55.75	74.00	-18.25	3	Horizontal	94	2.41
5260MHz	Pass	PK	5.2624G	106.29	Inf	-Inf	3	Horizontal	94	2.41
5260MHz	Pass	PK	5.3902G	55.32	74.00	-18.68	3	Horizontal	94	2.41
5260MHz	Pass	PK	10.51936G	59.74	68.20	-8.46	3	Vertical	319	1.50
5260MHz	Pass	PK	10.51902G	57.00	68.20	-11.20	3	Horizontal	226	1.27
5300MHz	Pass	AV	5.2952G	103.72	Inf	-Inf	3	Vertical	60	1.00
5300MHz	Pass	AV	5.35G	51.93	54.00	-2.07	3	Vertical	60	1.00
5300MHz	Pass	PK	5.3016G	114.31	Inf	-Inf	3	Vertical	60	1.00
5300MHz	Pass	PK	5.3544G	68.75	74.00	-5.25	3	Vertical	60	1.00
5300MHz	Pass	AV	5.3044G	96.64	Inf	-Inf	3	Horizontal	56	2.27
5300MHz	Pass	AV	5.3504G	46.50	54.00	-7.50	3	Horizontal	56	2.27
5300MHz	Pass	PK	5.3032G	106.82	Inf	-Inf	3	Horizontal	56	2.27
5300MHz	Pass	PK	5.3536G	64.22	74.00	-9.78	3	Horizontal	56	2.27
5300MHz	Pass	PK	10.6G	60.57	68.20	-7.63	3	Vertical	319	1.43
5300MHz	Pass	PK	10.59636G	56.77	68.20	-11.43	3	Horizontal	184	1.24
5320MHz	Pass	AV	5.3242G	100.83	Inf	-Inf	3	Vertical	63	1.01
5320MHz	Pass	AV	5.3512G	50.13	54.00	-3.87	3	Vertical	63	1.01
5320MHz	Pass	PK	5.315G	111.32	Inf	-Inf	3	Vertical	63	1.01
5320MHz	Pass	PK	5.3504G	72.23	74.00	-1.77	3	Vertical	63	1.01
5320MHz	Pass	AV	5.3144G	94.63	Inf	-Inf	3	Horizontal	54	2.53
5320MHz	Pass	AV	5.3508G	45.17	54.00	-8.83	3	Horizontal	54	2.53
5320MHz	Pass	PK	5.3182G	104.74	Inf	-Inf	3	Horizontal	54	2.53
5320MHz	Pass	PK	5.3556G	63.19	74.00	-10.81	3	Horizontal	54	2.53
5320MHz	Pass	AV	10.6409G	45.98	54.00	-8.02	3	Vertical	319	1.28
5320MHz	Pass	PK	10.6384G	58.33	74.00	-15.67	3	Vertical	319	1.28
5320MHz	Pass	AV	10.64018G	43.05	54.00	-10.95	3	Horizontal	185	1.27
5320MHz	Pass	PK	10.6383G	55.15	74.00	-18.85	3	Horizontal	185	1.27
5500MHz	Pass	AV	5.4598G	44.72	54.00	-9.28	3	Vertical	66	1.09
5500MHz	Pass	AV	5.499G	96.97	Inf	-Inf	3	Vertical	66	1.09
5500MHz	Pass	PK	5.4578G	59.17	74.00	-14.83	3	Vertical	66	1.09
5500MHz	Pass	PK	5.4664G	64.96	68.20	-3.24	3	Vertical	66	1.09
5500MHz	Pass	PK	5.4974G	107.95	Inf	-Inf	3	Vertical	66	1.09
5500MHz	Pass	AV	5.4596G	42.68	54.00	-11.32	3	Horizontal	48	2.42
5500MHz	Pass	AV	5.4948G	91.26	Inf	-Inf	3	Horizontal	48	2.42
5500MHz	Pass	PK	5.4544G	55.11	74.00	-18.89	3	Horizontal	48	2.42
5500MHz	Pass	PK	5.467G	63.92	68.20	-4.28	3	Horizontal	48	2.42

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5500MHz	Pass	PK	5.4982G	101.38	Inf	-Inf	3	Horizontal	48	2.42
5500MHz	Pass	AV	11.0001G	41.18	54.00	-12.82	3	Vertical	320	2.15
5500MHz	Pass	PK	10.99726G	53.12	74.00	-20.88	3	Vertical	320	2.15
5500MHz	Pass	AV	10.99848G	41.43	54.00	-12.57	3	Horizontal	255	1.87
5500MHz	Pass	PK	10.9973G	53.81	74.00	-20.19	3	Horizontal	255	1.87
5580MHz	Pass	AV	5.4438G	42.78	54.00	-11.22	3	Vertical	66	2.38
5580MHz	Pass	AV	5.5812G	100.74	Inf	-Inf	3	Vertical	66	2.38
5580MHz	Pass	PK	5.457G	54.21	74.00	-19.79	3	Vertical	66	2.38
5580MHz	Pass	PK	5.4654G	53.78	68.20	-14.42	3	Vertical	66	2.38
5580MHz	Pass	PK	5.5782G	110.31	Inf	-Inf	3	Vertical	66	2.38
5580MHz	Pass	PK	5.7294G	53.85	68.20	-14.35	3	Vertical	66	2.38
5580MHz	Pass	AV	5.4366G	42.62	54.00	-11.38	3	Horizontal	50	2.87
5580MHz	Pass	AV	5.5746G	96.39	Inf	-Inf	3	Horizontal	50	2.87
5580MHz	Pass	PK	5.4372G	53.45	74.00	-20.55	3	Horizontal	50	2.87
5580MHz	Pass	PK	5.4618G	53.93	68.20	-14.27	3	Horizontal	50	2.87
5580MHz	Pass	PK	5.5824G	105.49	Inf	-Inf	3	Horizontal	50	2.87
5580MHz	Pass	PK	5.7276G	54.34	68.20	-13.86	3	Horizontal	50	2.87
5580MHz	Pass	AV	11.15868G	44.42	54.00	-9.58	3	Vertical	319	2.22
5580MHz	Pass	PK	11.16006G	57.07	74.00	-16.93	3	Vertical	319	2.22
5580MHz	Pass	AV	11.16064G	44.20	54.00	-9.80	3	Horizontal	255	1.19
5580MHz	Pass	PK	11.16104G	56.55	74.00	-17.45	3	Horizontal	255	1.19
5700MHz	Pass	AV	5.6956G	98.00	Inf	-Inf	3	Vertical	65	1.01
5700MHz	Pass	PK	5.7032G	108.34	Inf	-Inf	3	Vertical	65	1.01
5700MHz	Pass	PK	5.7252G	66.19	68.20	-2.01	3	Vertical	65	1.01
5700MHz	Pass	AV	5.6944G	89.43	Inf	-Inf	3	Horizontal	49	1.00
5700MHz	Pass	PK	5.6944G	99.65	Inf	-Inf	3	Horizontal	49	1.00
5700MHz	Pass	PK	5.7252G	58.14	68.20	-10.06	3	Horizontal	49	1.00
5700MHz	Pass	AV	11.39954G	41.38	54.00	-12.62	3	Vertical	316	1.39
5700MHz	Pass	PK	11.39748G	53.80	74.00	-20.20	3	Vertical	316	1.39
5700MHz	Pass	AV	11.40322G	41.12	54.00	-12.88	3	Horizontal	202	2.03
5700MHz	Pass	PK	11.3953G	52.98	74.00	-21.02	3	Horizontal	202	2.03
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4272G	42.61	54.00	-11.39	3	Vertical	45	2.32
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	100.65	Inf	-Inf	3	Vertical	45	2.32
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4392G	54.02	74.00	-19.98	3	Vertical	45	2.32
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	53.49	68.20	-14.71	3	Vertical	45	2.32
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	109.68	Inf	-Inf	3	Vertical	45	2.32
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9156G	56.32	68.20	-11.88	3	Vertical	45	2.32
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4428G	42.81	54.00	-11.19	3	Horizontal	22	2.53
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	96.27	Inf	-Inf	3	Horizontal	22	2.53
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.42G	54.01	74.00	-19.99	3	Horizontal	22	2.53
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	54.07	68.20	-14.13	3	Horizontal	22	2.53
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7152G	105.06	Inf	-Inf	3	Horizontal	22	2.53
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9552G	56.58	68.20	-11.62	3	Horizontal	22	2.53
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4396G	44.35	54.00	-9.65	3	Vertical	316	1.88
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43738G	56.27	74.00	-17.73	3	Vertical	316	1.88
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44024G	43.73	54.00	-10.27	3	Horizontal	10	1.77
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43928G	56.90	74.00	-17.10	3	Horizontal	10	1.77
5745MHz	Pass	AV	5.457G	42.58	54.00	-11.42	3	Vertical	46	1.50
5745MHz	Pass	AV	5.739G	100.01	Inf	-Inf	3	Vertical	46	1.50
5745MHz	Pass	PK	5.6502G	60.10	68.35	-8.25	3	Vertical	46	1.50
5745MHz	Pass	PK	5.7414G	108.72	Inf	-Inf	3	Vertical	46	1.50
5745MHz	Pass	PK	5.9898G	56.21	68.20	-11.99	3	Vertical	46	1.50
5745MHz	Pass	AV	5.445G	42.48	54.00	-11.52	3	Horizontal	22	2.51
5745MHz	Pass	AV	5.7402G	97.45	Inf	-Inf	3	Horizontal	22	2.51
5745MHz	Pass	PK	5.4834G	54.79	68.20	-13.41	3	Horizontal	22	2.51
5745MHz	Pass	PK	5.7426G	106.29	Inf	-Inf	3	Horizontal	22	2.51
5745MHz	Pass	PK	5.9658G	56.21	68.20	-11.99	3	Horizontal	22	2.51
5745MHz	Pass	AV	11.49024G	46.27	54.00	-7.73	3	Vertical	320	2.17
5745MHz	Pass	PK	11.4899G	58.33	74.00	-15.67	3	Vertical	320	2.17
5745MHz	Pass	AV	11.49004G	44.67	54.00	-9.33	3	Horizontal	9	1.80
5745MHz	Pass	PK	11.49142G	56.46	74.00	-17.54	3	Horizontal	9	1.80
5785MHz	Pass	AV	5.779G	101.52	Inf	-Inf	3	Vertical	47	2.41

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	5.545G	54.48	68.20	-13.72	3	Vertical	47	2.41
5785MHz	Pass	PK	5.7802G	110.67	Inf	-Inf	3	Vertical	47	2.41
5785MHz	Pass	PK	6.0214G	56.48	68.20	-11.72	3	Vertical	47	2.41
5785MHz	Pass	AV	5.779G	95.86	Inf	-Inf	3	Horizontal	22	2.26
5785MHz	Pass	PK	5.5162G	54.15	68.20	-14.05	3	Horizontal	22	2.26
5785MHz	Pass	PK	5.7874G	104.38	Inf	-Inf	3	Horizontal	22	2.26
5785MHz	Pass	PK	5.989G	56.71	68.20	-11.49	3	Horizontal	22	2.26
5785MHz	Pass	AV	11.5687G	47.52	54.00	-6.48	3	Vertical	321	2.13
5785MHz	Pass	PK	11.57072G	59.58	74.00	-14.42	3	Vertical	321	2.13
5785MHz	Pass	AV	11.56924G	43.59	54.00	-10.41	3	Horizontal	17	1.05
5785MHz	Pass	PK	11.56808G	55.65	74.00	-18.35	3	Horizontal	17	1.05
5825MHz	Pass	AV	5.819G	101.20	Inf	-Inf	3	Vertical	45	2.36
5825MHz	Pass	PK	5.6294G	55.17	68.20	-13.03	3	Vertical	45	2.36
5825MHz	Pass	PK	5.8322G	109.70	Inf	-Inf	3	Vertical	45	2.36
5825MHz	Pass	PK	6.0674G	56.38	68.20	-11.82	3	Vertical	45	2.36
5825MHz	Pass	AV	5.8202G	94.96	Inf	-Inf	3	Horizontal	355	1.84
5825MHz	Pass	PK	5.627G	53.95	68.20	-14.25	3	Horizontal	355	1.84
5825MHz	Pass	PK	5.8202G	103.60	Inf	-Inf	3	Horizontal	355	1.84
5825MHz	Pass	PK	6.0374G	56.24	68.20	-11.96	3	Horizontal	355	1.84
5825MHz	Pass	AV	11.64738G	47.80	54.00	-6.20	3	Vertical	322	2.00
5825MHz	Pass	PK	11.65034G	59.90	74.00	-14.10	3	Vertical	322	2.00
5825MHz	Pass	AV	11.6505G	47.86	54.00	-6.14	3	Horizontal	72	2.82
5825MHz	Pass	PK	11.65002G	60.01	74.00	-13.99	3	Horizontal	72	2.82

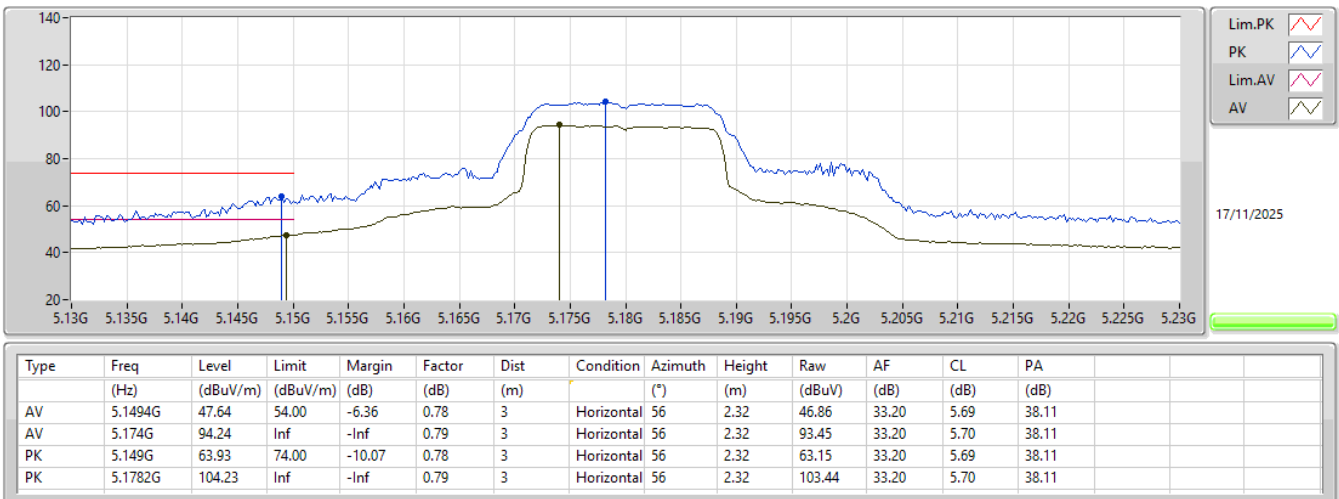
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

5180MHz_TX



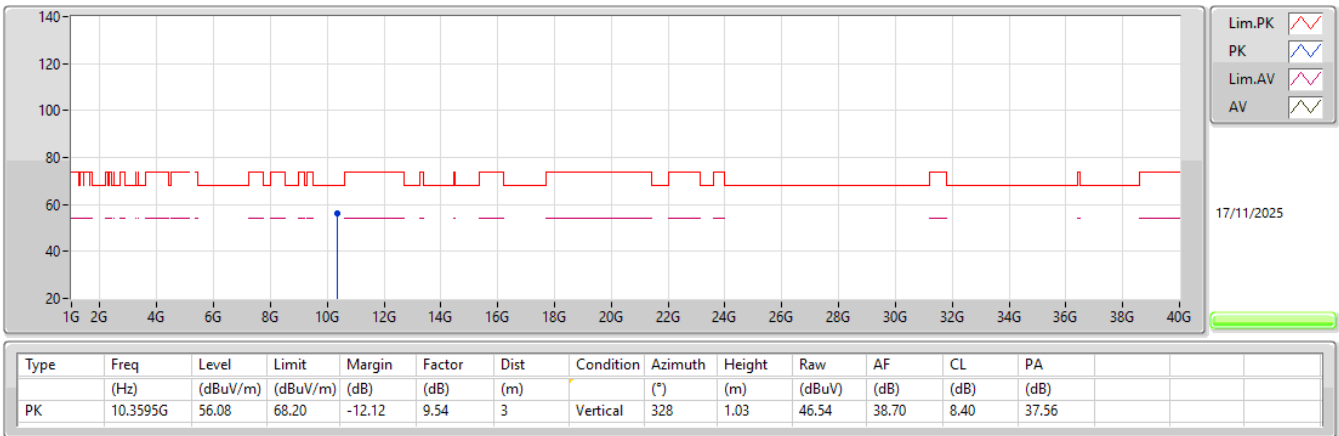
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5180MHz_TX



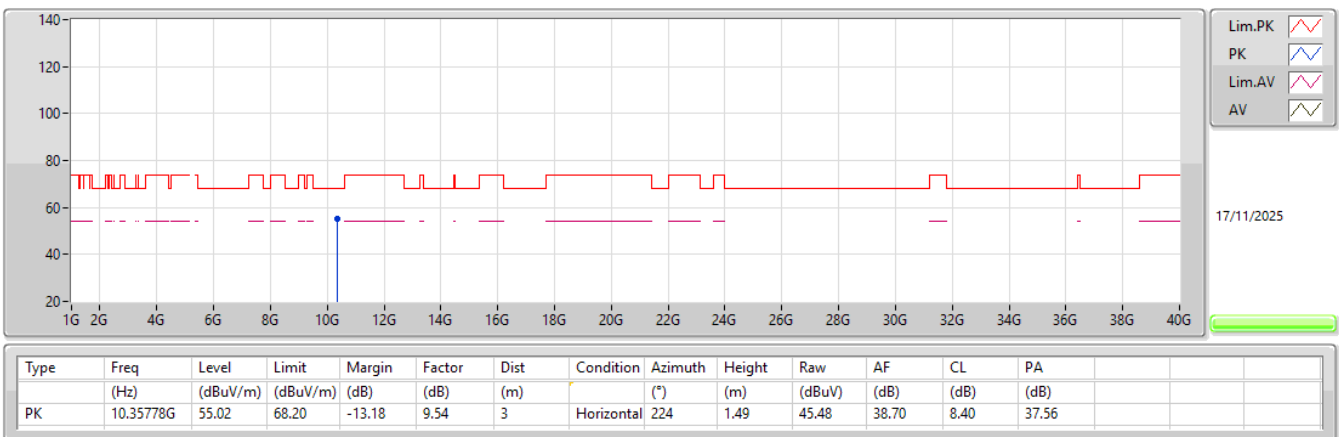
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5180MHz_TX



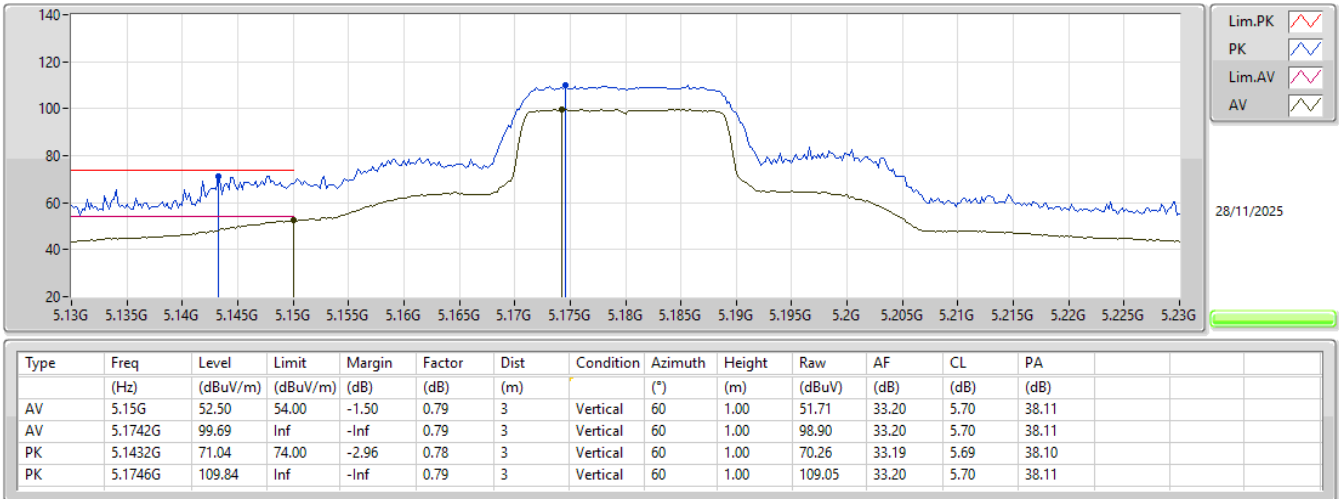
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5180MHz_TX



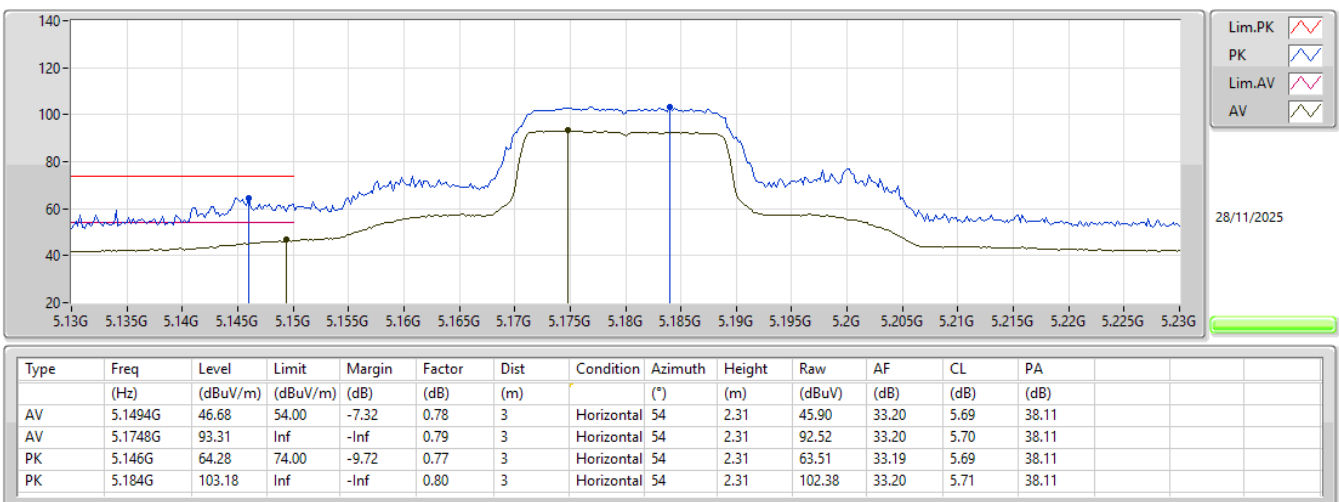
5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

5180MHz_TX



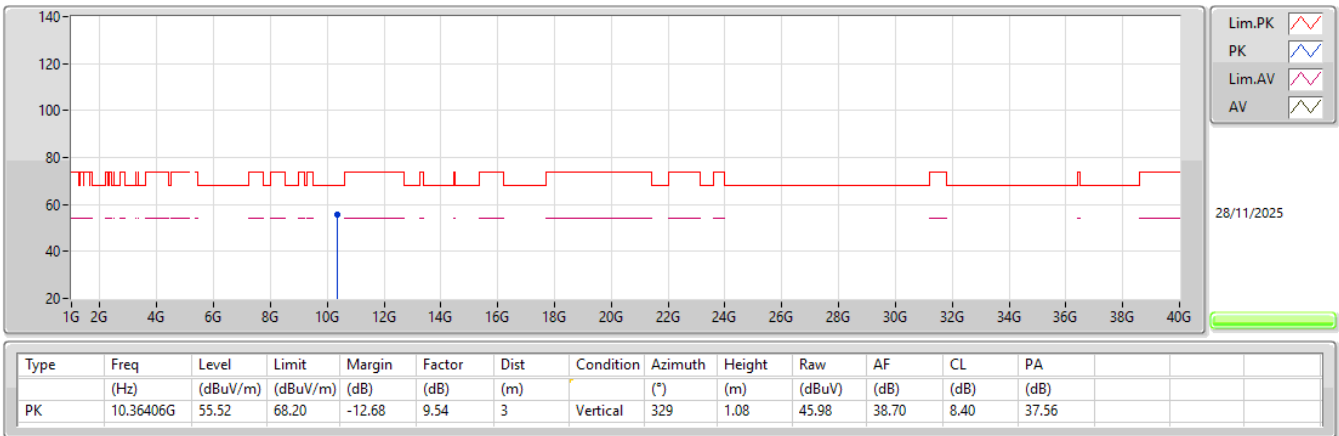
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5180MHz_TX



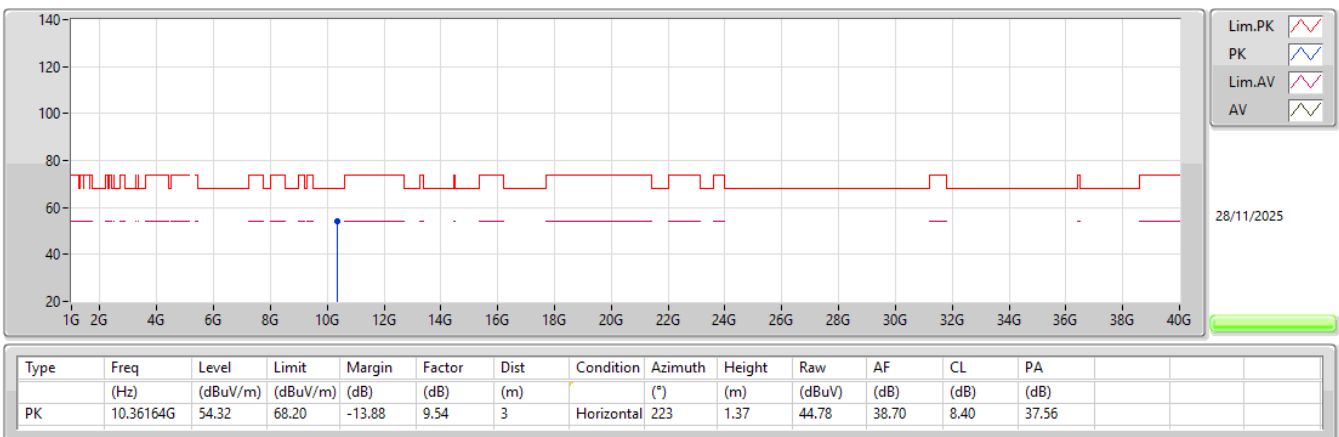
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5180MHz_TX



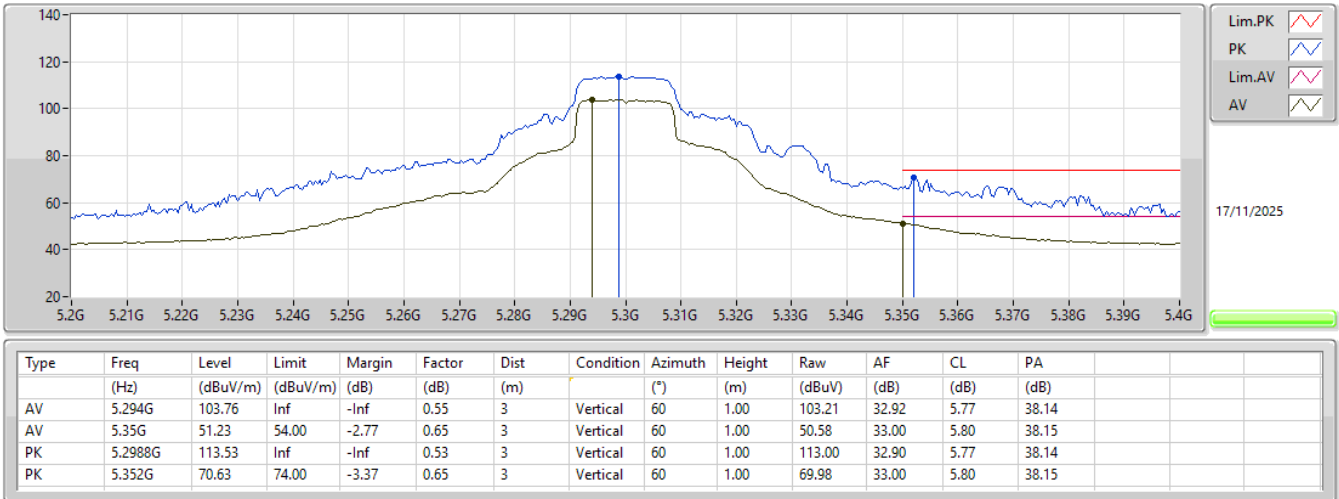
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5180MHz_TX



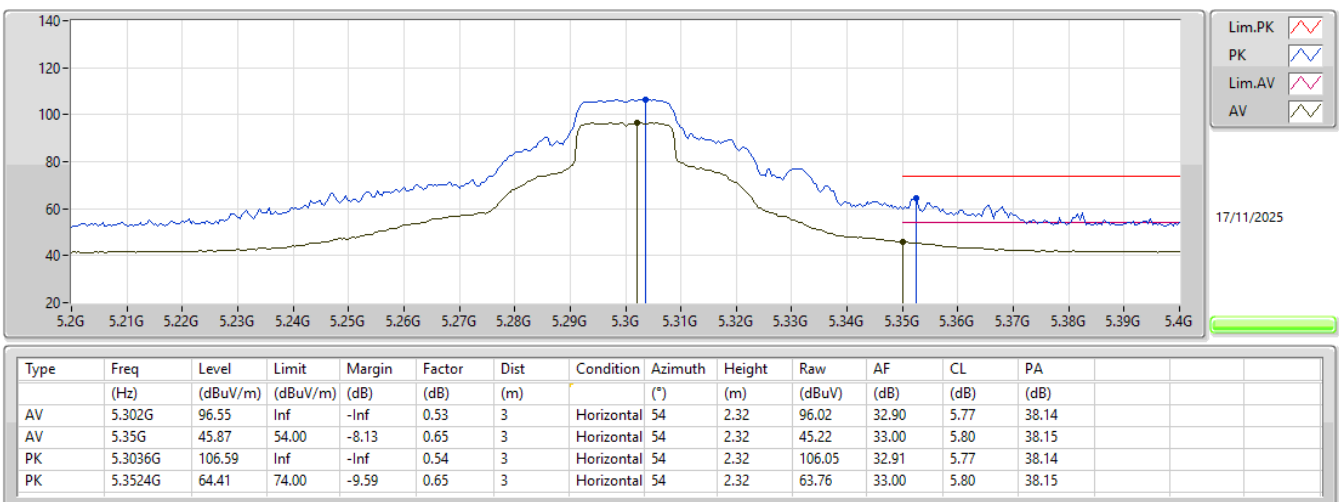
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5300MHz_TX



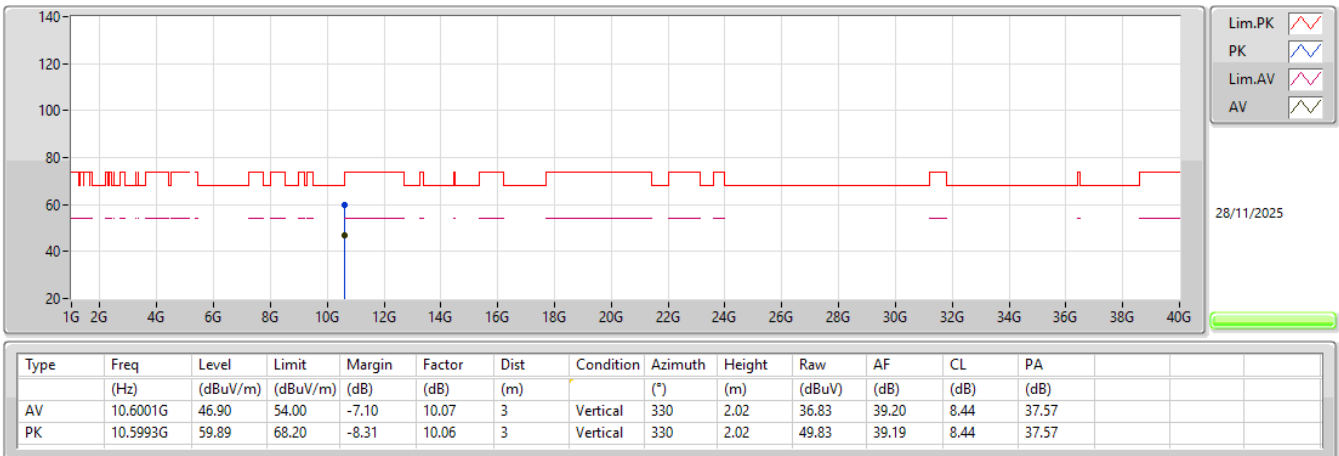
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX



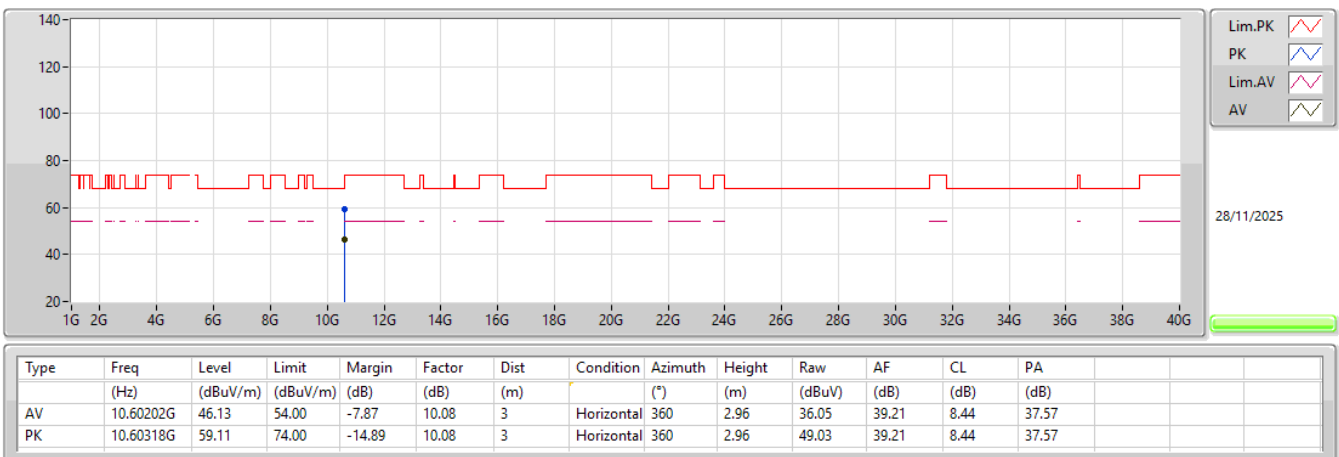
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5300MHz_TX



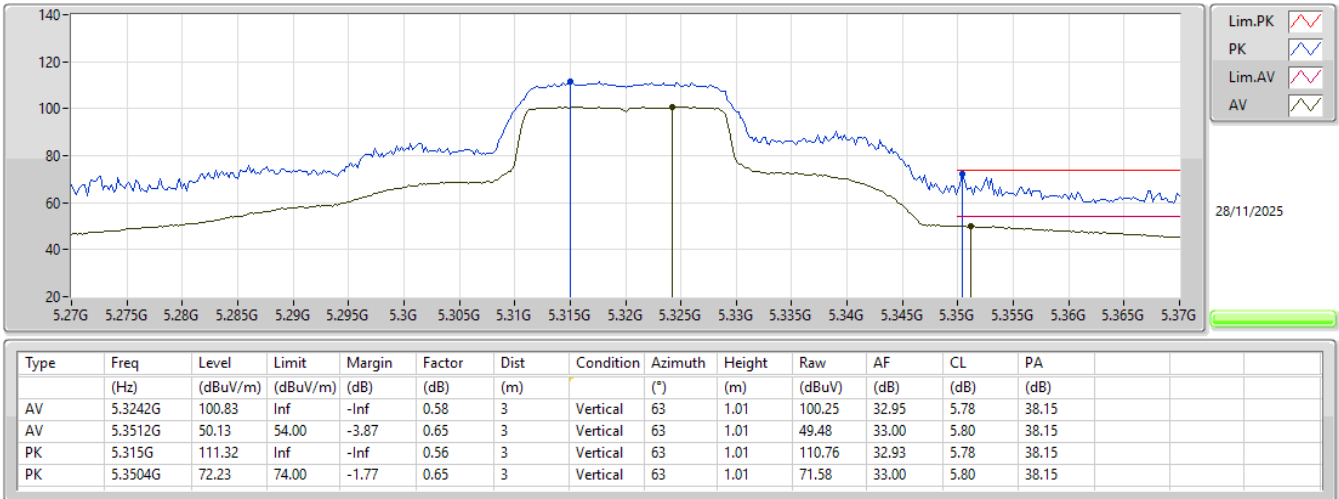
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5300MHz_TX



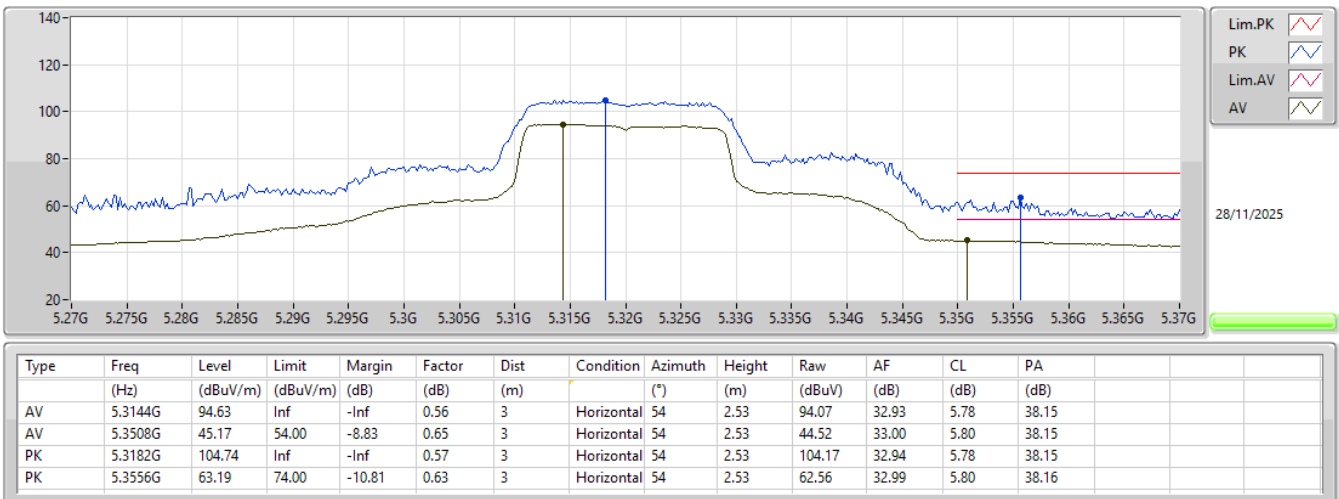
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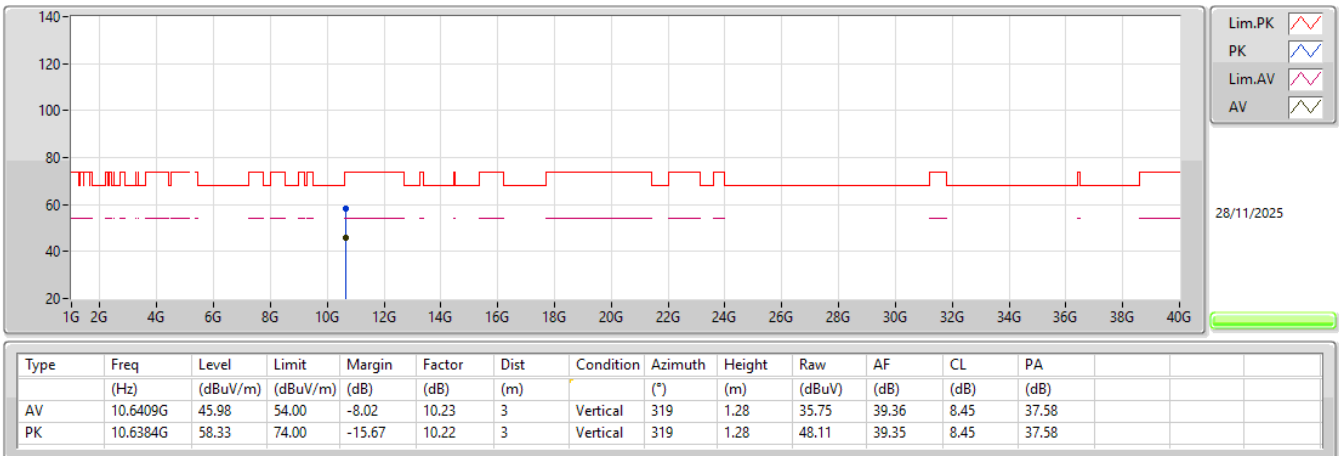
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5320MHz_TX



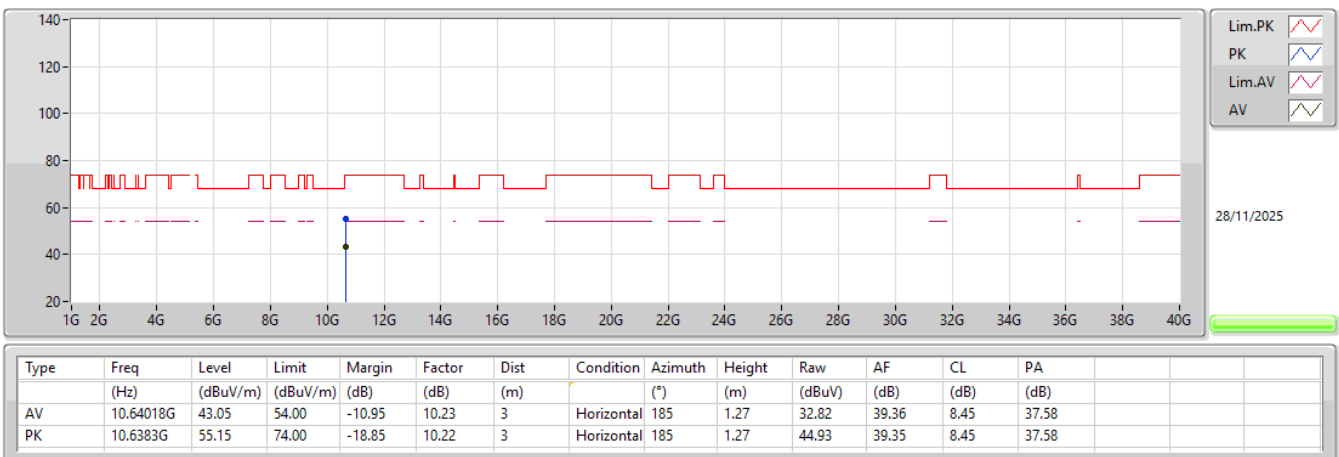
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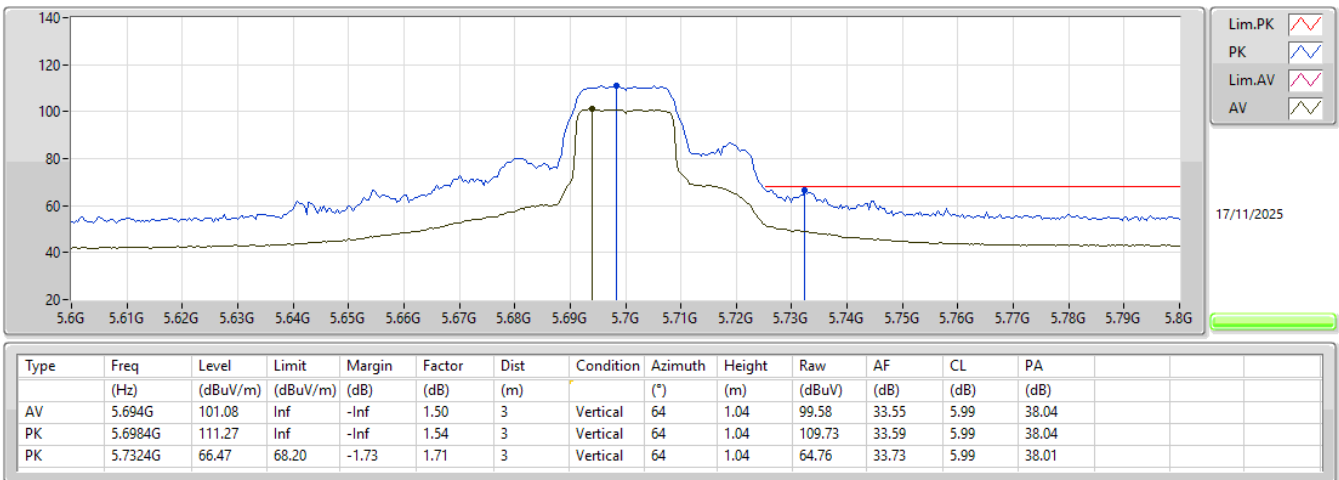
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5320MHz_TX



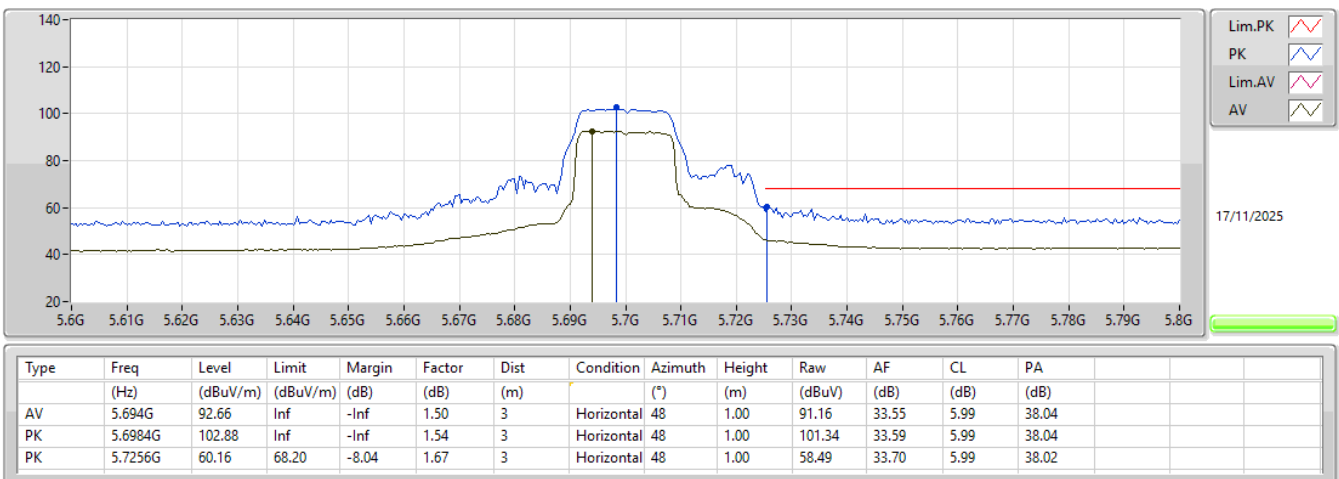
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

5700MHz_TX



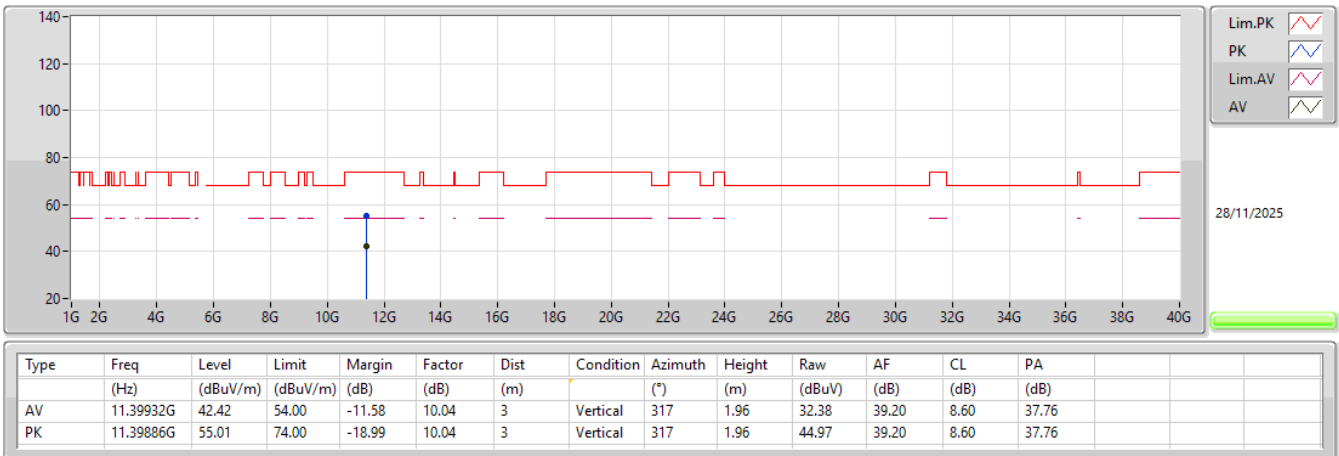
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

5700MHz_TX



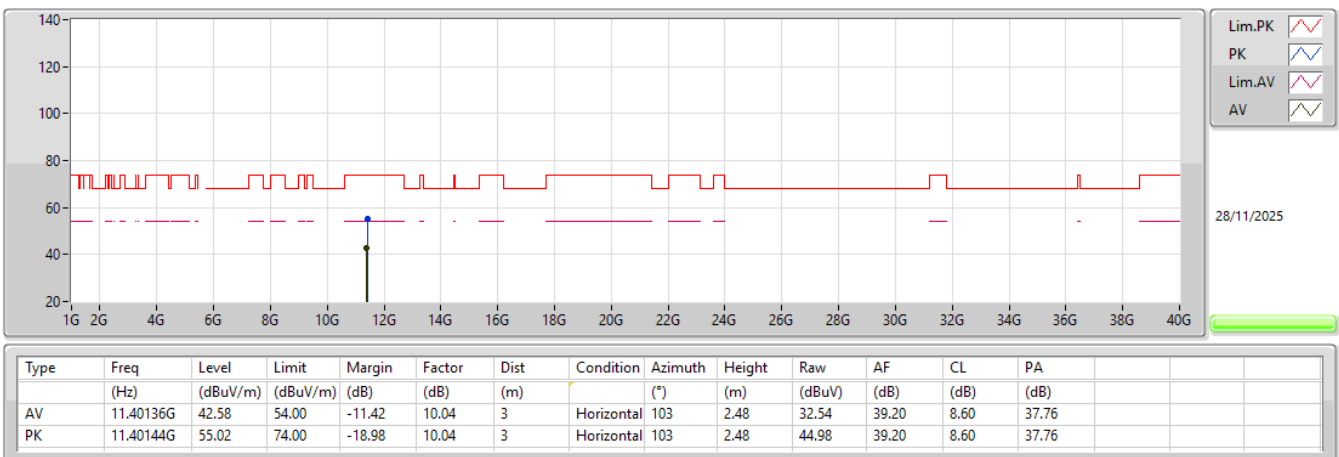
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

5700MHz_TX



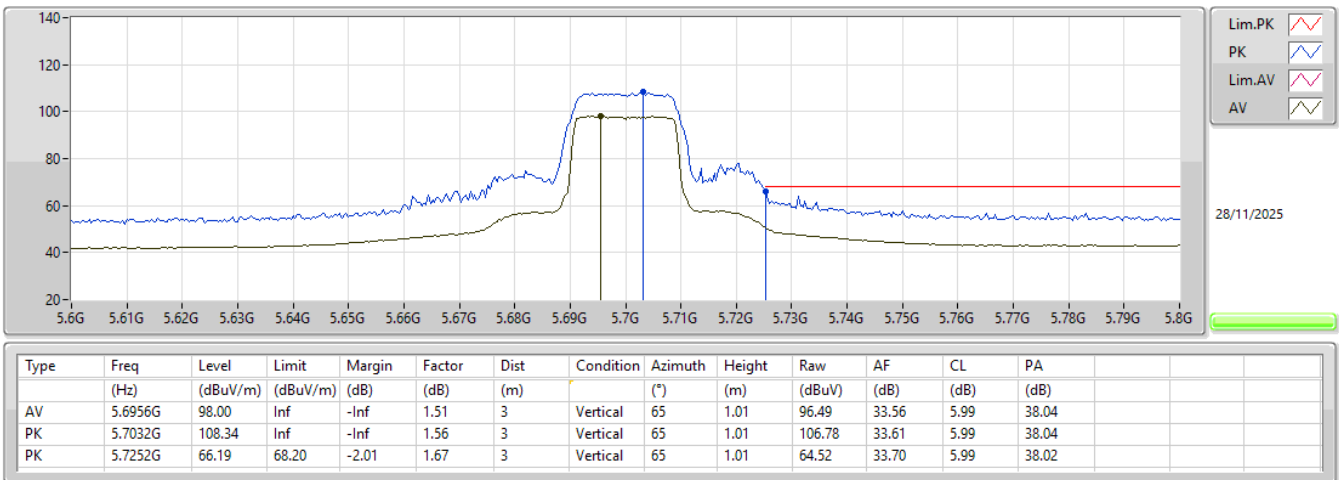
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

5700MHz_TX



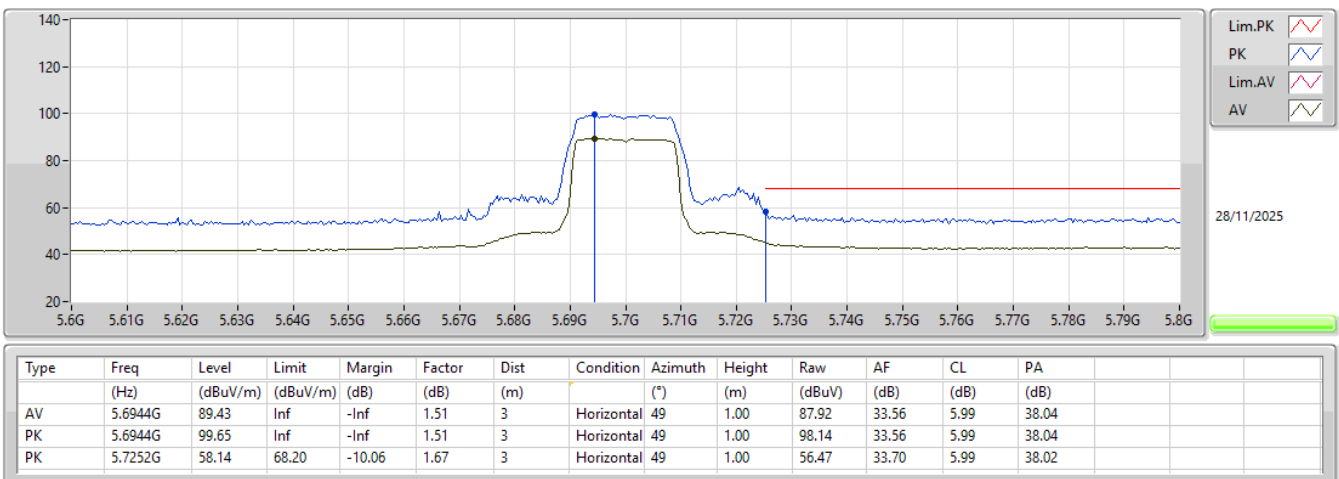
5.47-5.725GHz_802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)

5700MHz_TX



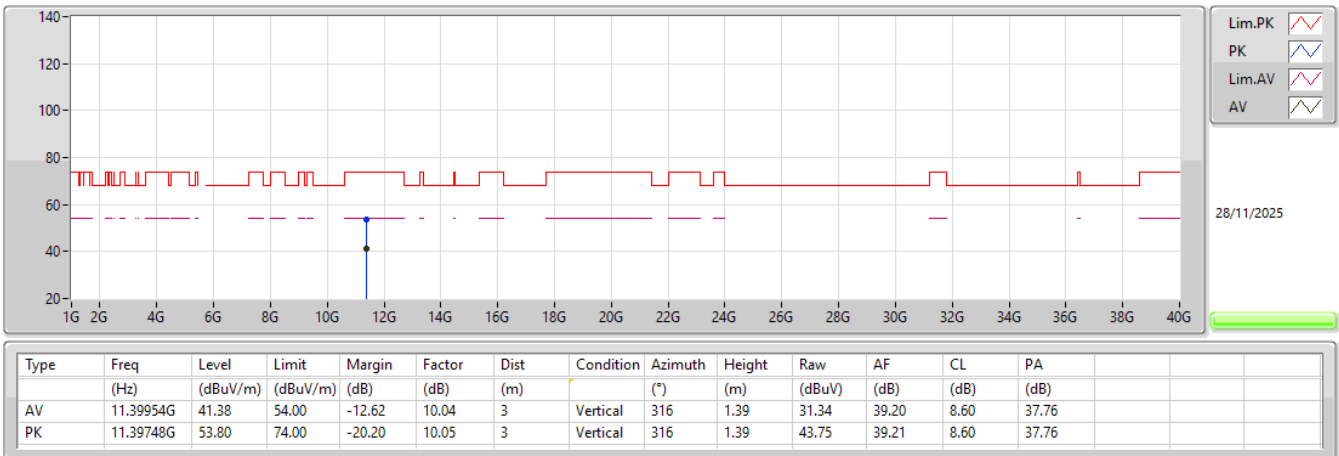
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5700MHz_TX



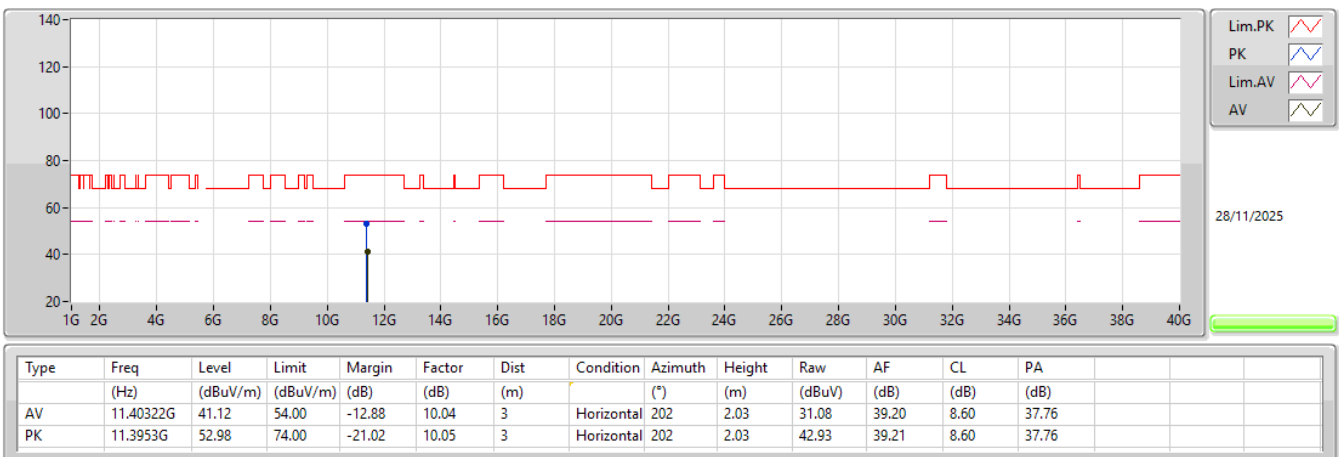
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5700MHz_TX



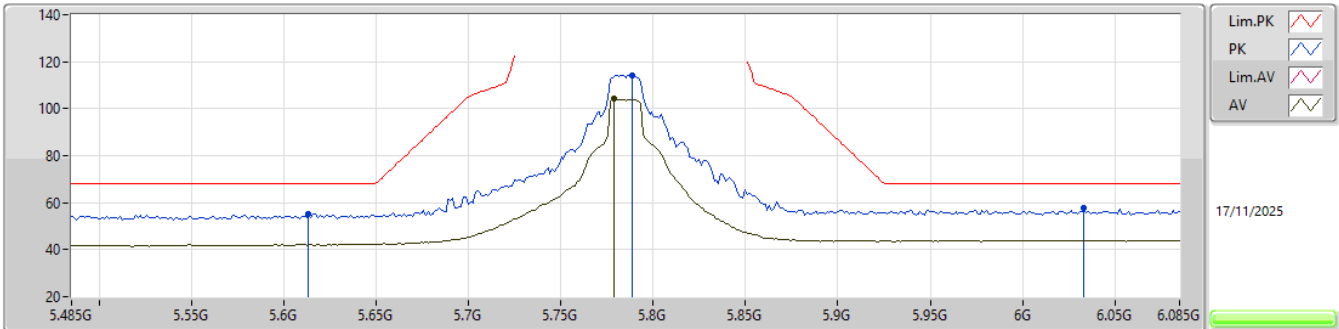
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5700MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

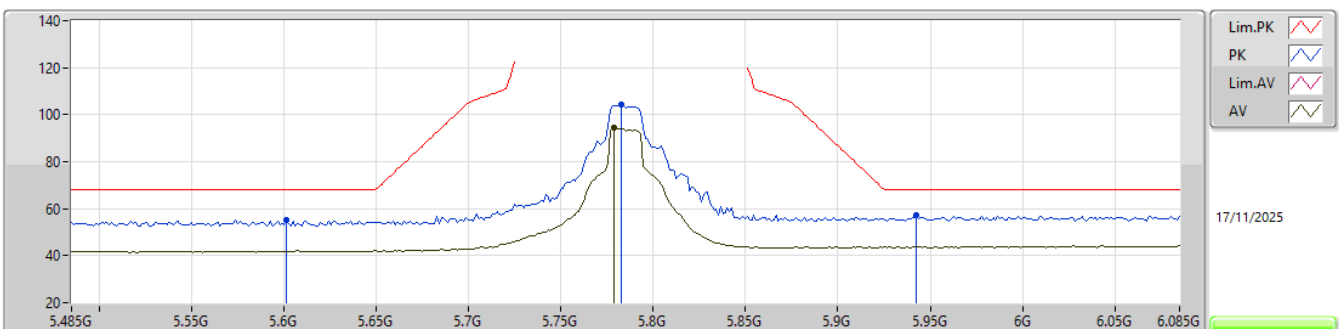
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.779G	104.20	Inf	-Inf	1.99	3	Vertical	63	1.01	102.21	33.97	6.00	37.98
PK	5.6134G	55.24	68.20	-12.96	0.93	3	Vertical	63	1.01	54.31	33.05	5.98	38.10
PK	5.7886G	114.37	Inf	-Inf	2.06	3	Vertical	63	1.01	112.31	34.03	6.00	37.97
PK	6.0334G	57.66	68.20	-10.54	2.61	3	Vertical	63	1.01	55.05	34.30	6.10	37.79

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

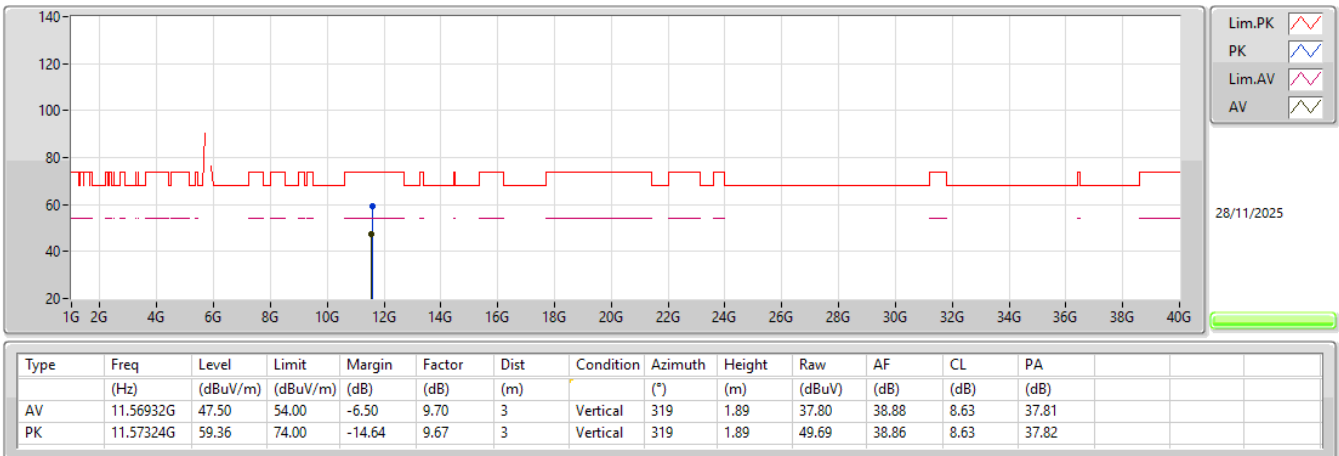
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.779G	94.26	Inf	-Inf	1.99	3	Horizontal	44	1.02	92.27	33.97	6.00	37.98
PK	5.6014G	55.25	68.20	-12.95	0.88	3	Horizontal	44	1.02	54.37	33.01	5.98	38.11
PK	5.7826G	104.12	Inf	-Inf	2.02	3	Horizontal	44	1.02	102.10	34.00	6.00	37.98
PK	5.9422G	57.04	68.20	-11.16	2.53	3	Horizontal	44	1.02	54.51	34.32	6.06	37.85

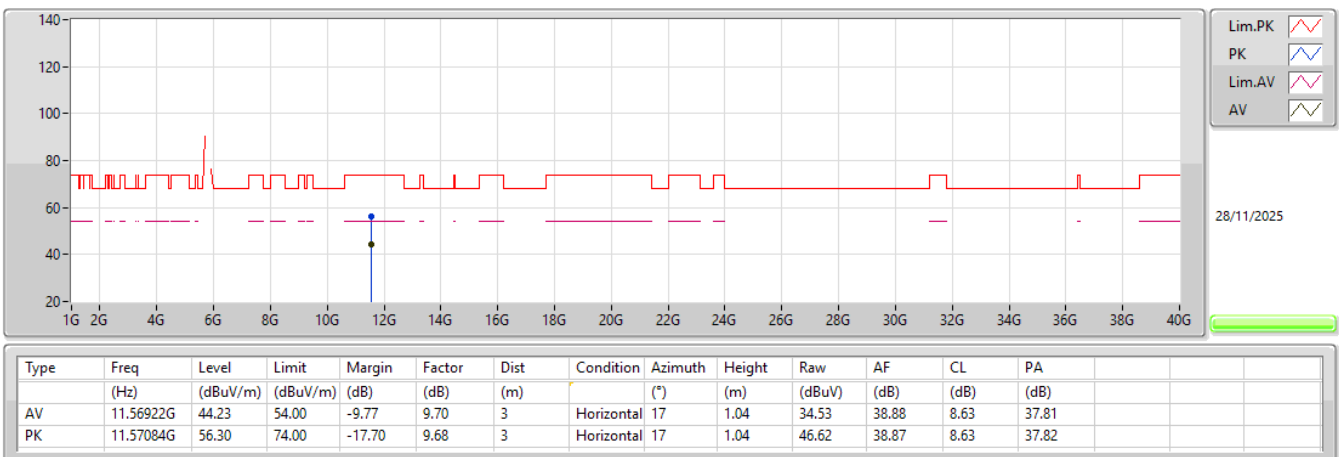
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

5785MHz_TX



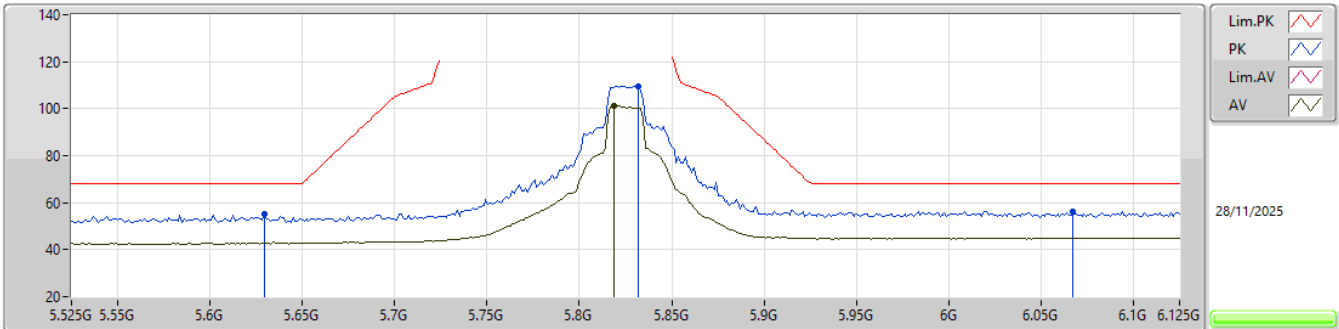
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

5785MHz_TX



5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)

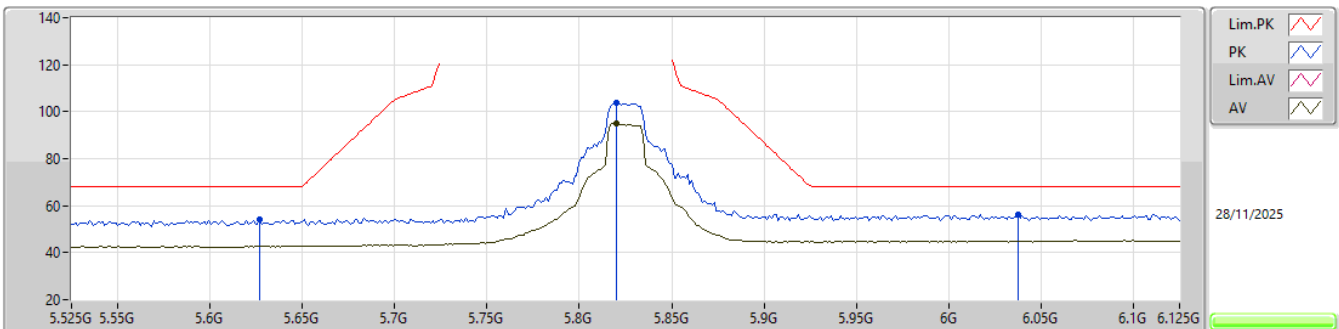
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.819G	101.20	Inf	-Inf	2.24	3	Vertical	45	2.36	98.96	34.18	6.01	37.95
PK	5.6294G	55.17	68.20	-13.03	1.01	3	Vertical	45	2.36	54.16	33.12	5.98	38.09
PK	5.8322G	109.70	Inf	-Inf	2.30	3	Vertical	45	2.36	107.40	34.23	6.01	37.94
PK	6.0674G	56.38	68.20	-11.82	2.66	3	Vertical	45	2.36	53.72	34.30	6.12	37.76

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)

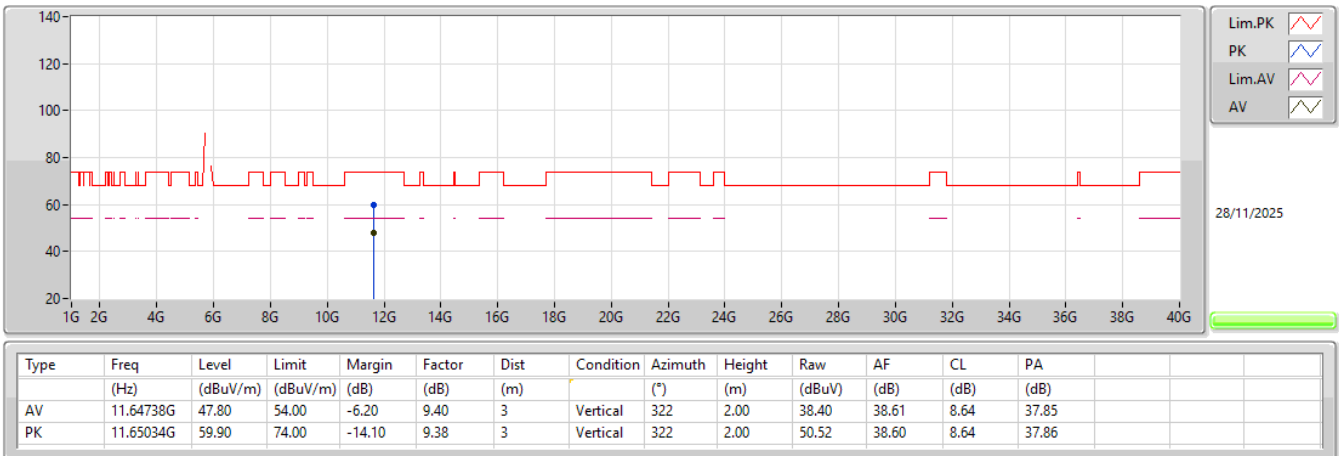
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	94.96	Inf	-Inf	2.24	3	Horizontal	355	1.84	92.72	34.18	6.01	37.95
PK	5.627G	53.95	68.20	-14.25	1.00	3	Horizontal	355	1.84	52.95	33.11	5.98	38.09
PK	5.8202G	103.60	Inf	-Inf	2.24	3	Horizontal	355	1.84	101.36	34.18	6.01	37.95
PK	6.0374G	56.24	68.20	-11.96	2.62	3	Horizontal	355	1.84	53.62	34.30	6.10	37.78

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)

5825MHz_TX



5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)

5825MHz_TX

