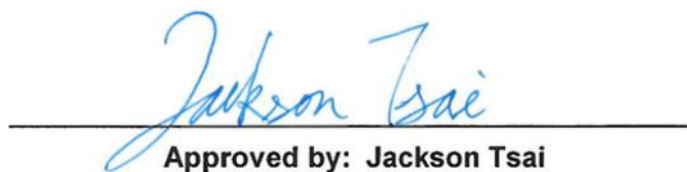


FCC Radio Test Report

FCC ID : TLZ-CU597
Equipment : IEEE 802.11 a/b/g/n 1T1R WLAN and Bluetooth Low Energy Microcontroller Module
Brand Name : AzureWave
Model Name : AW-CU597
Applicant : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer : AzureWave Technologies (Shanghai) Inc.
No. 1355, Jiaxin Road, Malu Twon, Jiading District Shanghai, P.R. China
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 02, 2025, and testing was started from Jul. 10, 2025 and completed on Jul. 17, 2025. 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 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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PHOTOGRAPHS OF EUT V01	



History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20)	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]
5150-5250	n (HT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]

Band	Mode	BWch	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	802.11n HT20	20	1TX
5.25-5.35GHz	802.11n HT20	20	1TX
5.47-5.725GHz	802.11n HT20	20	1TX
5.725-5.85GHz	802.11n HT20	20	1TX
5.15-5.25GHz	802.11n HT40	40	1TX
5.25-5.35GHz	802.11n HT40	40	1TX
5.47-5.725GHz	802.11n HT40	40	1TX
5.725-5.85GHz	802.11n HT40	40	1TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	LYNwave	ALX20M-222AAC	PIFA	I-Pex

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	3.7	4.1	3.7

For 2.4GHz function:

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

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

For 5GHz function:

For IEEE 802.11 a/n 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.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Test Fixture		
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	1	0	100.003m	10Hz (DC>=0.98)
802.11n HT20_Nss1,(MCS0)_1TX	1	0	100.003m	10Hz (DC>=0.98)
802.11n HT40_Nss1,(MCS0)_1TX	1	0	100.003m	10Hz (DC>=0.98)

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
- ♦ 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	Simon Cheng	22.1~23.6°C / 53~58%	17/Jul/2025
RF Conducted	TH07-HY	Xun Hsieh	23.3~23.9°C / 53~57%	15/Jul/2025
Radiated	03CH03-HY	Simon Cheng	20.1~23.4°C / 52~57%	10/Jul/2025~15/Jul/2025
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	

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	AmebaD_mptool_5V1
-----------------------	-------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	100
5200MHz	121
5240MHz	121
5260MHz	120
5300MHz	121
5320MHz	110
5500MHz	114
5580MHz	123
5700MHz	109
5720MHz Straddle 5.47-5.725GHz	121
5720MHz Straddle 5.725-5.85GHz	121
5745MHz	127
5785MHz	127
5825MHz	127
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	102
5200MHz	119
5240MHz	122
5260MHz	120
5300MHz	120
5320MHz	110
5500MHz	111
5580MHz	124
5700MHz	103
5720MHz Straddle 5.47-5.725GHz	120
5720MHz Straddle 5.725-5.85GHz	120
5745MHz	127
5785MHz	127
5825MHz	127



802.11n HT40_Nss1,(MCS0)_1TX	-
5190MHz	95
5230MHz	118
5270MHz	121
5310MHz	98
5510MHz	99
5550MHz	123
5670MHz	119
5710MHz Straddle 5.47-5.725GHz	125
5710MHz Straddle 5.725-5.85GHz	125
5755MHz	127
5795MHz	127

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



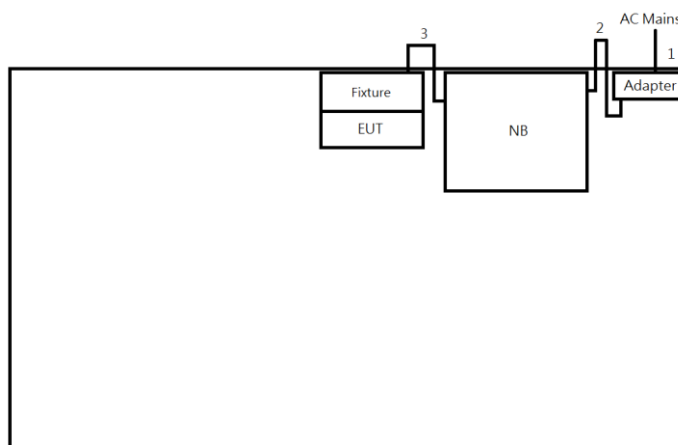
2.3 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for Notebook	HP	HSTNN-LA40	-	-
3	AC Power Cable	Power Sync	TPCMRN0018	-	-
4	USB cable	HP	8121-0868	-	-
5	Fixture	Azurewave	2488-I1	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for Notebook	DELL	HA65NM130	-	-
3	Fixture	Azurewave	2488-I1	-	Provided by Customer

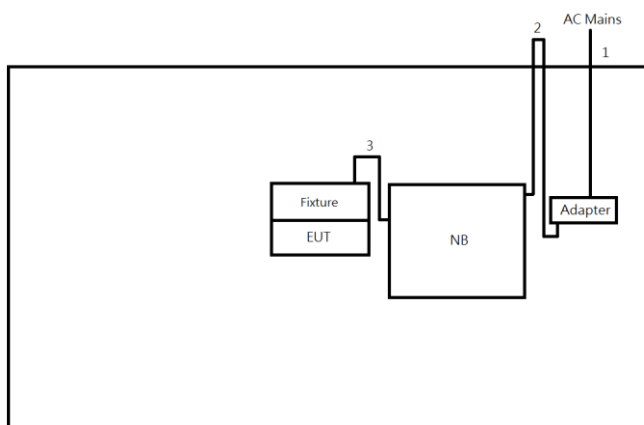
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	USB cable	No	1.0	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	USB cable	No	1.0	-



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

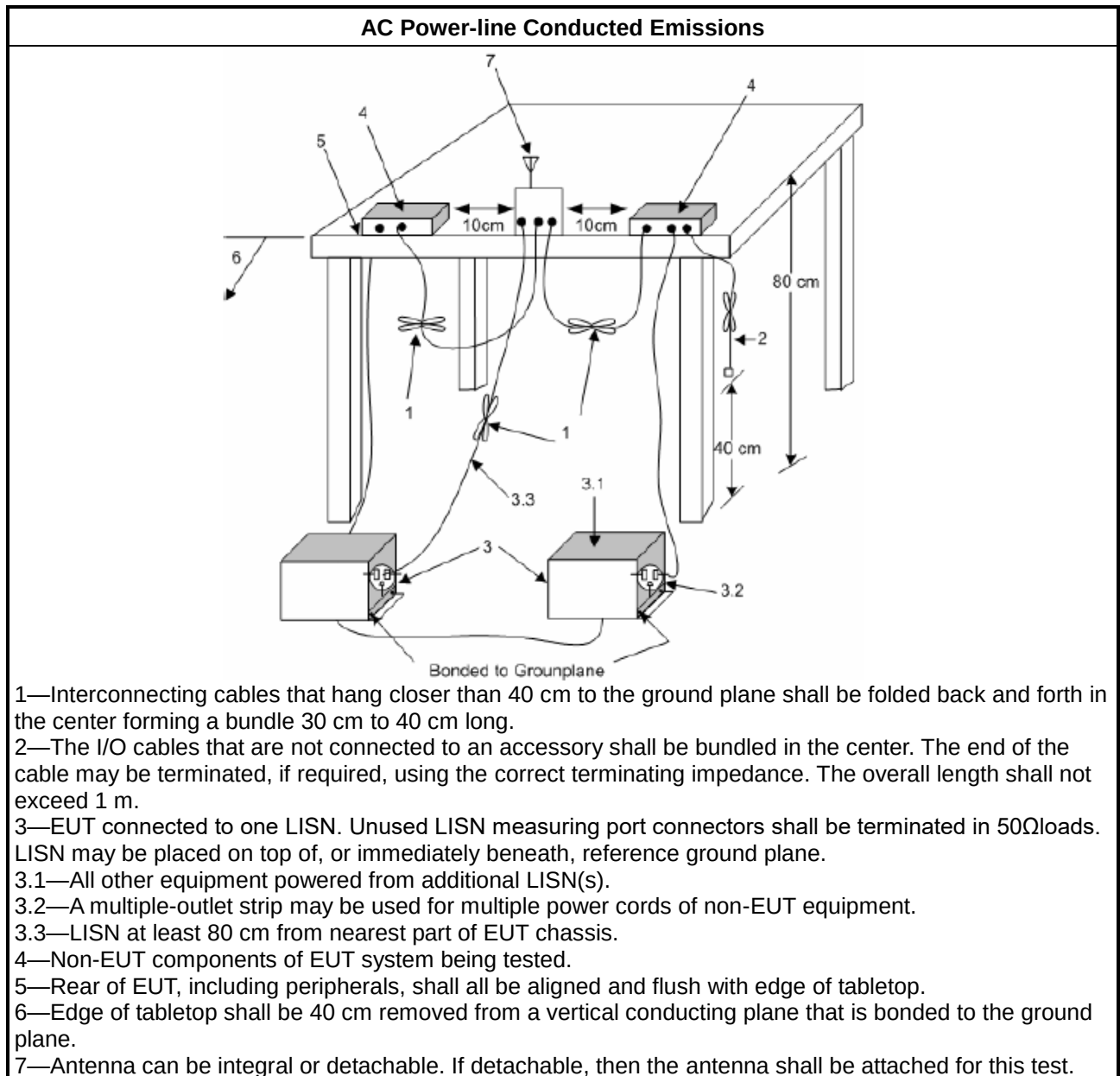
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

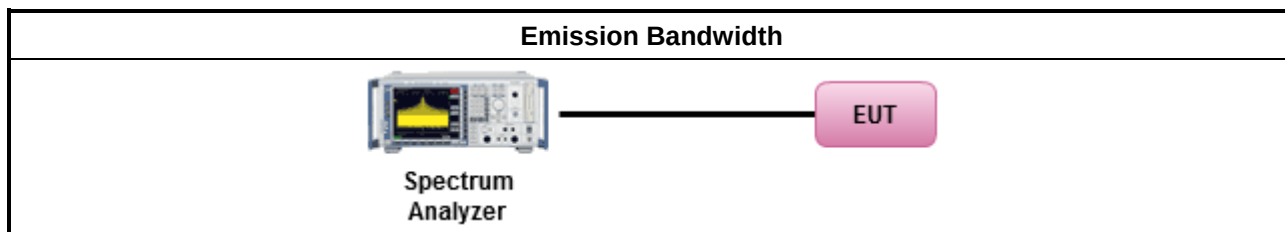
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

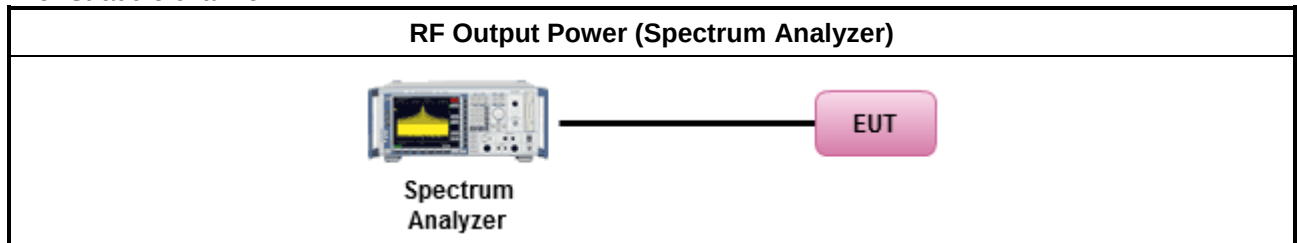
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

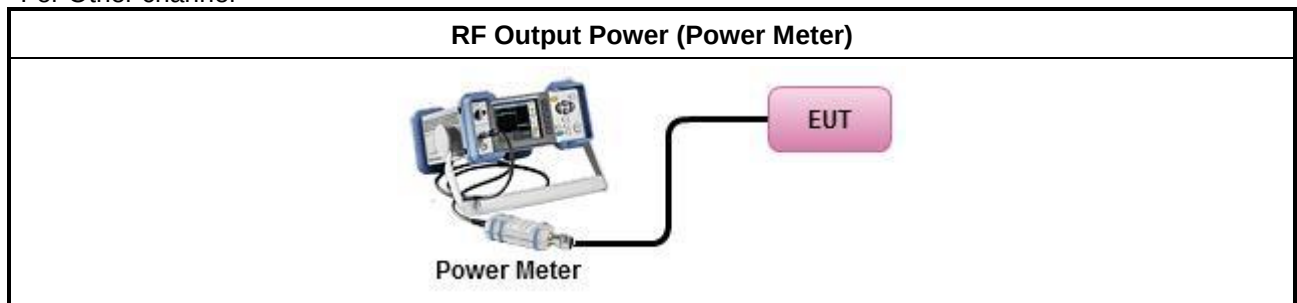
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods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

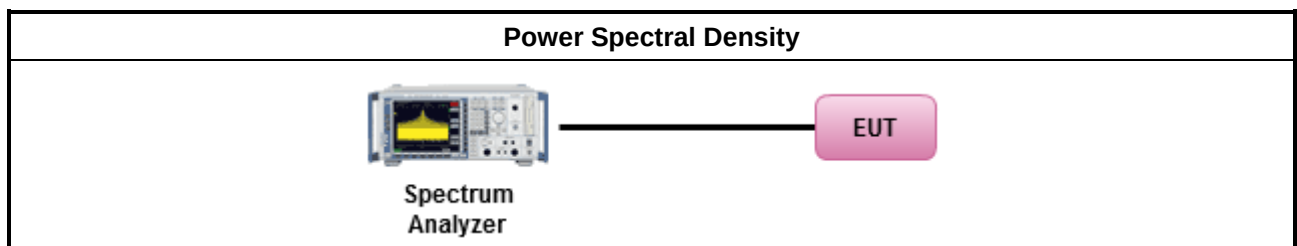
3.4.2 Measuring Instruments

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

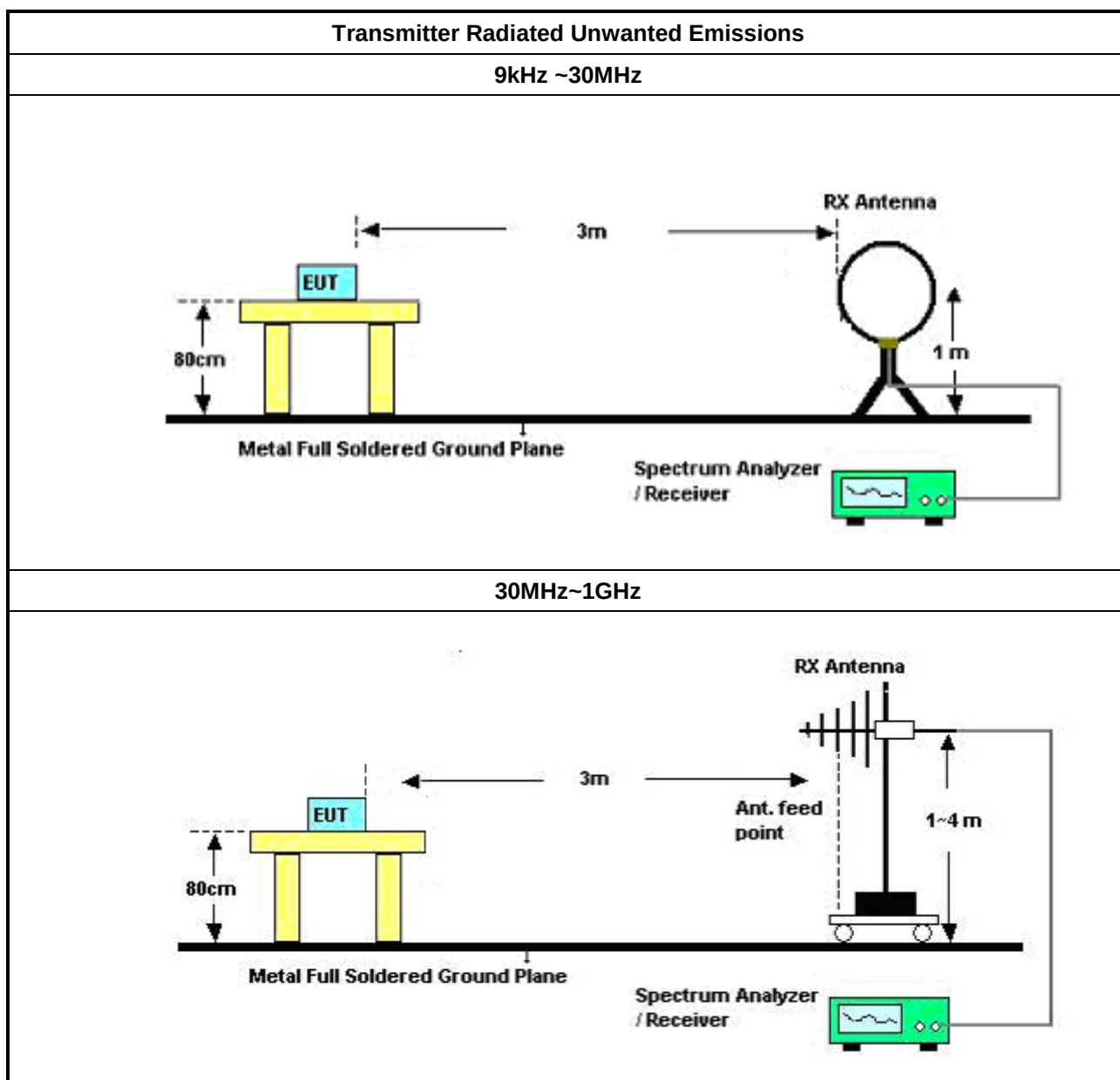
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above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

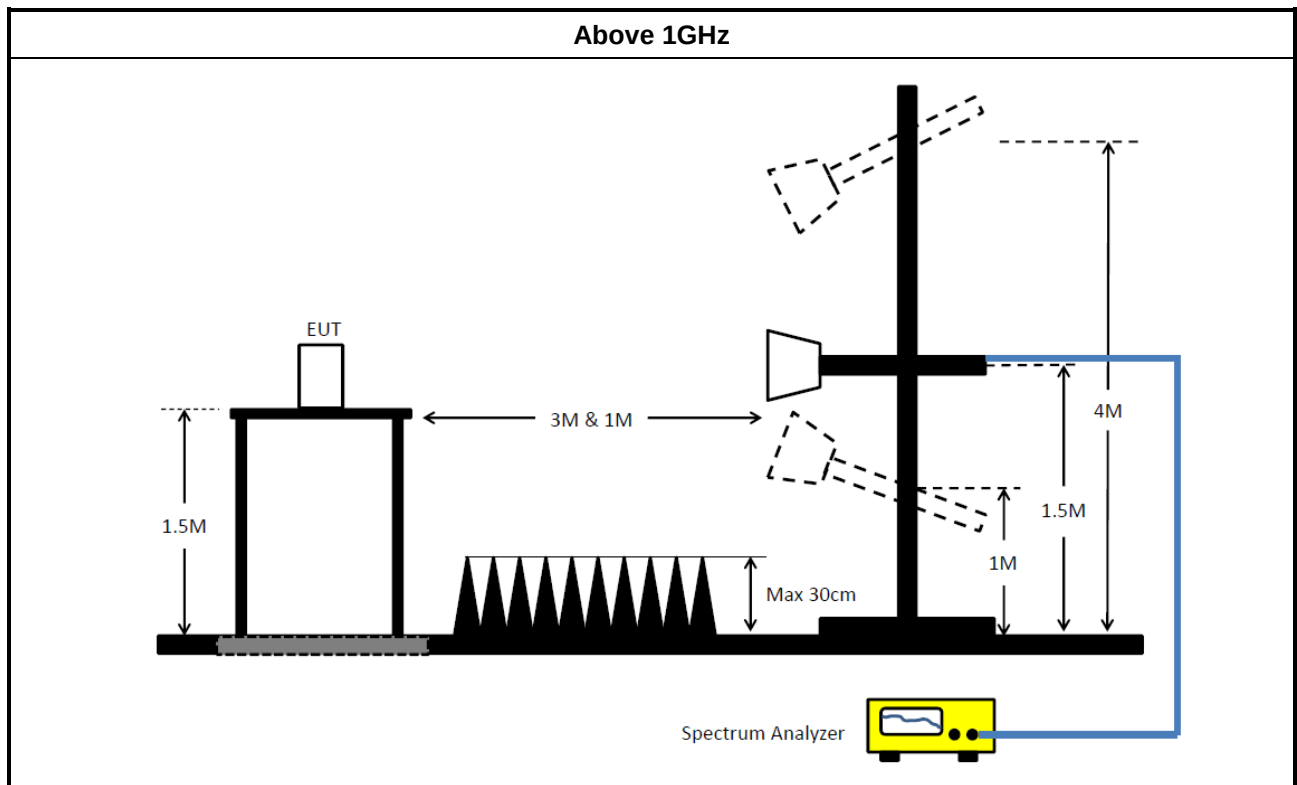
3.5.4 Measurement Results Calculation

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	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	13/Jul/2025	12/Jul/2026
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	13/Jul/2025	12/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101748	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	14/Oct/2024	13/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz ~ 40GHz	04/Oct/2024	03/Oct/2025
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	10/Jun/2025	09/Jun/2026
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	10/Jun/2025	09/Jun/2026
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	19/May/2025	18/May/2026
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
Microwave Prempplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	25/Jul/2024	24/Jul/2025
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-15407_NII	Sporton	V5.11.23	NA	NA	NA	NA

**Instrument for Conducted Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	23/Jan/2025	22/Jan/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15407_NII	Sporton	V5.11.25	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

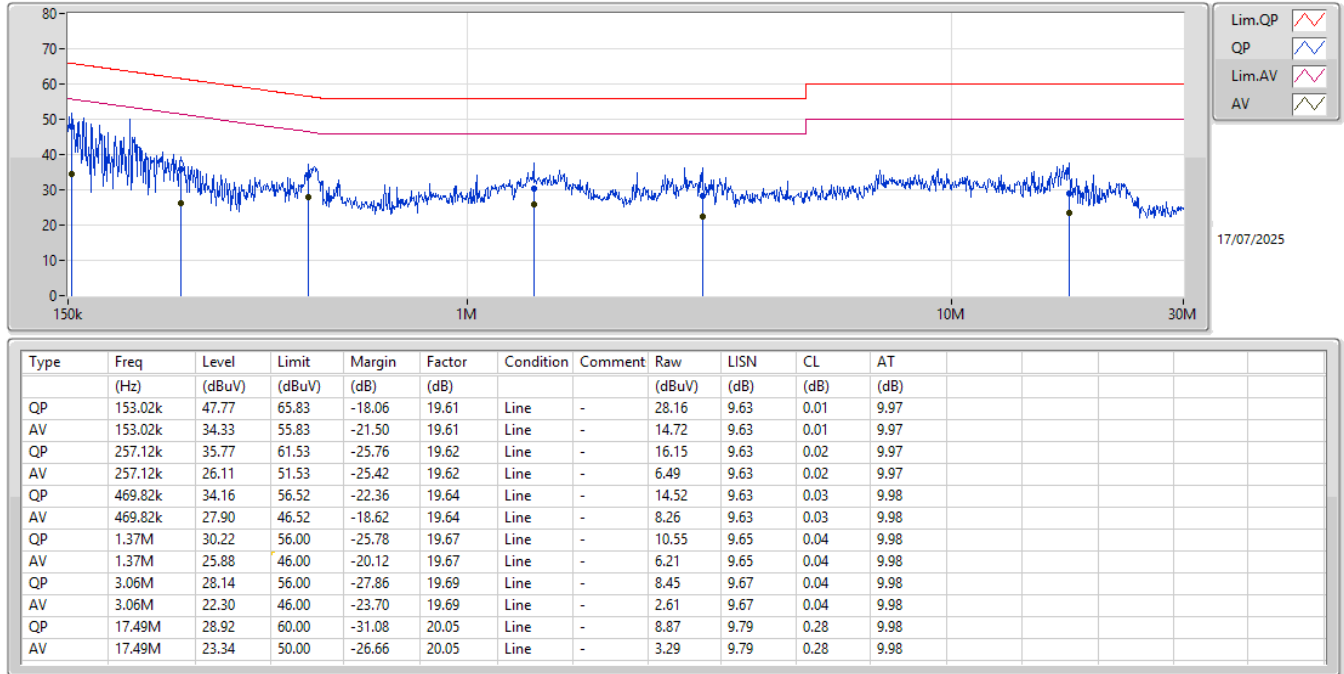
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.02k	47.77	65.83	-18.06	Line

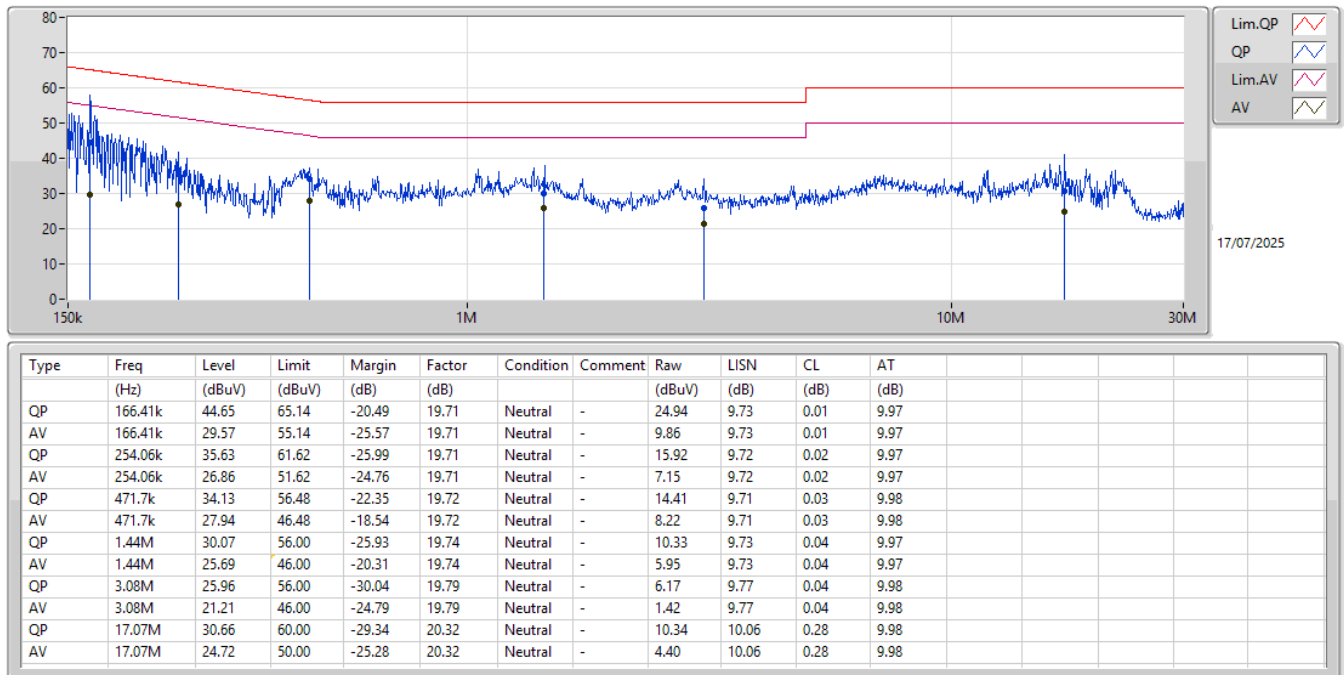
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.02k	47.77	65.83	-18.06	Line
Mode 1	Pass	AV	153.02k	34.33	55.83	-21.50	Line
Mode 1	Pass	QP	257.12k	35.77	61.53	-25.76	Line
Mode 1	Pass	AV	257.12k	26.11	51.53	-25.42	Line
Mode 1	Pass	QP	469.82k	34.16	56.52	-22.36	Line
Mode 1	Pass	AV	469.82k	27.90	46.52	-18.62	Line
Mode 1	Pass	QP	1.37M	30.22	56.00	-25.78	Line
Mode 1	Pass	AV	1.37M	25.88	46.00	-20.12	Line
Mode 1	Pass	QP	3.06M	28.14	56.00	-27.86	Line
Mode 1	Pass	AV	3.06M	22.30	46.00	-23.70	Line
Mode 1	Pass	QP	17.49M	28.92	60.00	-31.08	Line
Mode 1	Pass	AV	17.49M	23.34	50.00	-26.66	Line
Mode 1	Pass	QP	166.41k	44.65	65.14	-20.49	Neutral
Mode 1	Pass	AV	166.41k	29.57	55.14	-25.57	Neutral
Mode 1	Pass	QP	254.06k	35.63	61.62	-25.99	Neutral
Mode 1	Pass	AV	254.06k	26.86	51.62	-24.76	Neutral
Mode 1	Pass	QP	471.7k	34.13	56.48	-22.35	Neutral
Mode 1	Pass	AV	471.7k	27.94	46.48	-18.54	Neutral
Mode 1	Pass	QP	1.44M	30.07	56.00	-25.93	Neutral
Mode 1	Pass	AV	1.44M	25.69	46.00	-20.31	Neutral
Mode 1	Pass	QP	3.08M	25.96	56.00	-30.04	Neutral
Mode 1	Pass	AV	3.08M	21.21	46.00	-24.79	Neutral
Mode 1	Pass	QP	17.07M	30.66	60.00	-29.34	Neutral
Mode 1	Pass	AV	17.07M	24.72	50.00	-25.28	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



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	35.585M	19.658M	19M7D1D	19.305M	16.448M
802.11n HT20_Nss1,(MCS0)_1TX	41.8M	20.24M	20M2D1D	20.735M	17.691M
802.11n HT40_Nss1,(MCS0)_1TX	75.02M	36.482M	36M5D1D	38.17M	35.882M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	35.64M	19.438M	19M4D1D	31.9M	16.998M
802.11n HT20_Nss1,(MCS0)_1TX	39.49M	18.966M	19M0D1D	21.34M	17.691M
802.11n HT40_Nss1,(MCS0)_1TX	79.42M	36.682M	36M7D1D	37.73M	35.832M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	34.98M	19.284M	19M3D1D	22.185M	14.393M
802.11n HT20_Nss1,(MCS0)_1TX	36.96M	19.79M	19M8D1D	21.345M	14.678M
802.11n HT40_Nss1,(MCS0)_1TX	73.26M	36.882M	36M9D1D	37.73M	34.668M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.5M	23.11M	23M1D1D	3.26M	11.274M
802.11n HT20_Nss1,(MCS0)_1TX	17.71M	23.963M	24M0D1D	3.92M	11.994M
802.11n HT40_Nss1,(MCS0)_1TX	36.3M	47.126M	47M1D1D	3.18M	27.646M

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

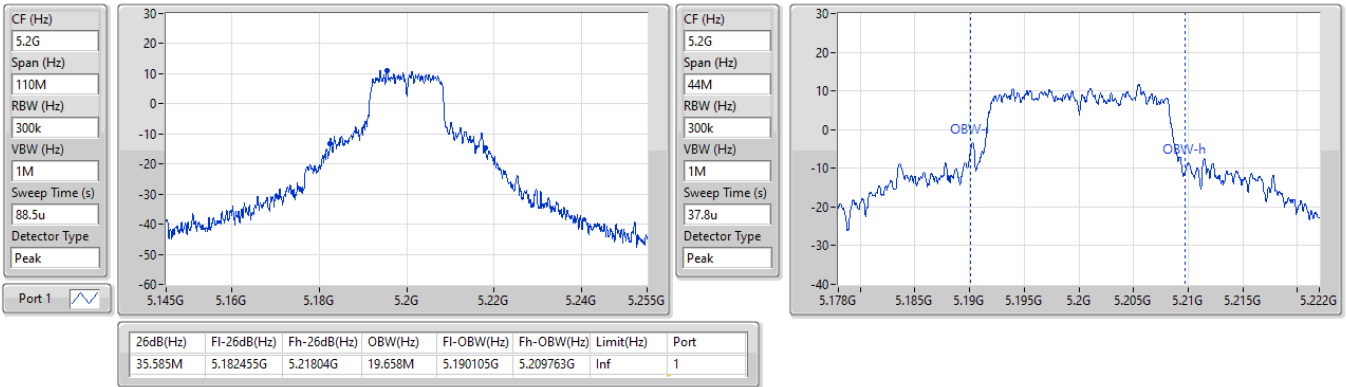
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	19.305M	16.448M
5200MHz	Pass	Inf	35.585M	19.658M
5240MHz	Pass	Inf	34.76M	19.13M
5260MHz	Pass	Inf	35.255M	19.438M
5300MHz	Pass	Inf	35.64M	18.559M
5320MHz	Pass	Inf	31.9M	16.998M
5500MHz	Pass	Inf	25.245M	16.646M
5580MHz	Pass	Inf	34.98M	19.284M
5700MHz	Pass	Inf	25.96M	16.646M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.185M	14.393M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	11.274M
5745MHz	Pass	500k	16.335M	23.11M
5785MHz	Pass	500k	16.445M	21.813M
5825MHz	Pass	500k	16.5M	21.791M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.735M	17.691M
5200MHz	Pass	Inf	35.585M	19.315M
5240MHz	Pass	Inf	41.8M	20.24M
5260MHz	Pass	Inf	39.49M	18.966M
5300MHz	Pass	Inf	34.54M	18.316M
5320MHz	Pass	Inf	21.34M	17.691M
5500MHz	Pass	Inf	23.925M	17.791M
5580MHz	Pass	Inf	36.96M	19.79M
5700MHz	Pass	Inf	21.945M	17.641M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.345M	14.678M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	11.994M
5745MHz	Pass	500k	17.71M	23.963M
5785MHz	Pass	500k	17.71M	21.764M
5825MHz	Pass	500k	17.655M	22.589M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	38.17M	35.882M
5230MHz	Pass	Inf	75.02M	36.482M
5270MHz	Pass	Inf	79.42M	36.682M
5310MHz	Pass	Inf	37.73M	35.832M
5510MHz	Pass	Inf	37.73M	35.982M
5550MHz	Pass	Inf	72.49M	36.882M
5670MHz	Pass	Inf	73.26M	36.432M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	54.145M	34.668M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	27.646M
5755MHz	Pass	500k	36.3M	47.126M
5795MHz	Pass	500k	36.3M	42.829M

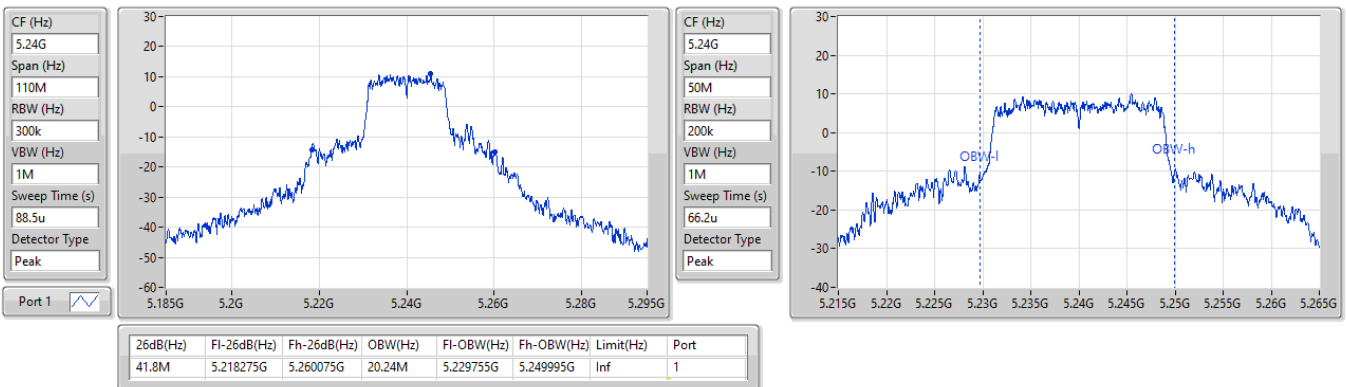
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

15/07/2025


5.15-5.25GHz_802.11n_HT20_Nss1,(MCS0)_1TX
EBW
5240MHz

15/07/2025

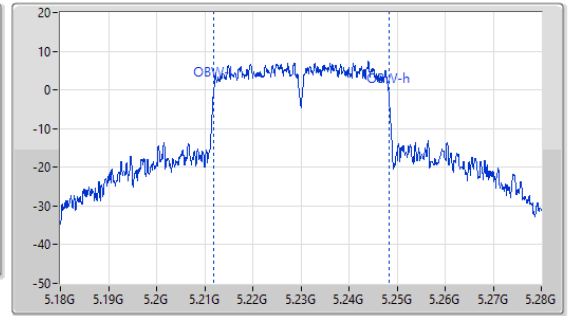
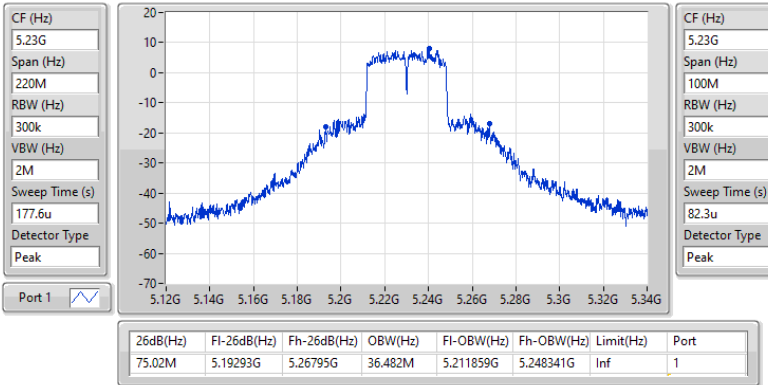


5.15-5.25GHz_802.11n_HT40_Nss1,(MCS0)_1TX

EBW

5230MHz

15/07/2025

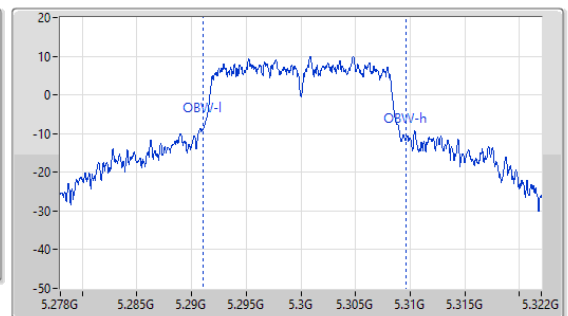
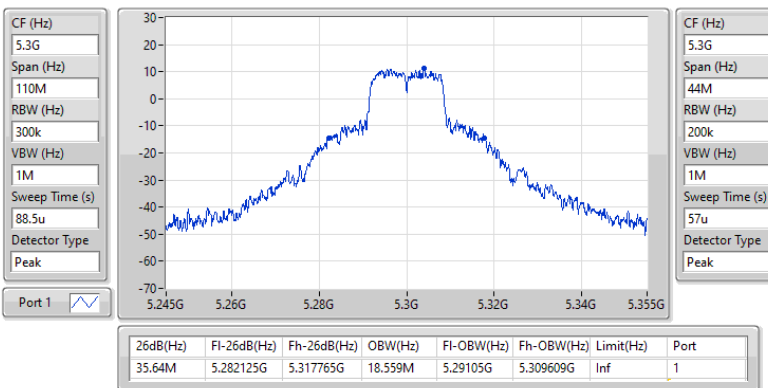


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

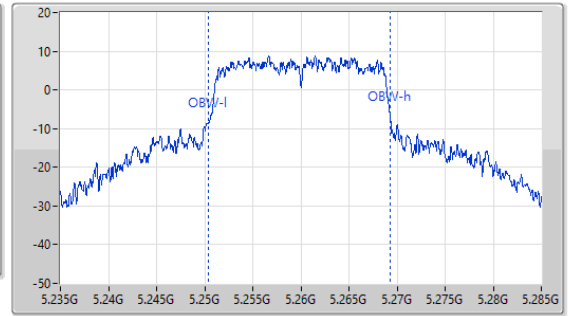
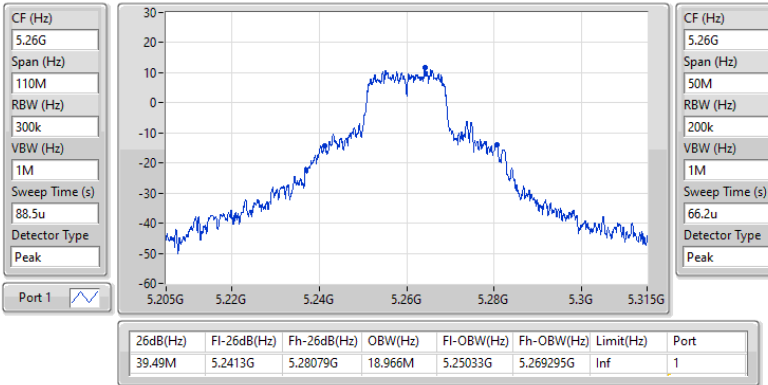
5300MHz

15/07/2025

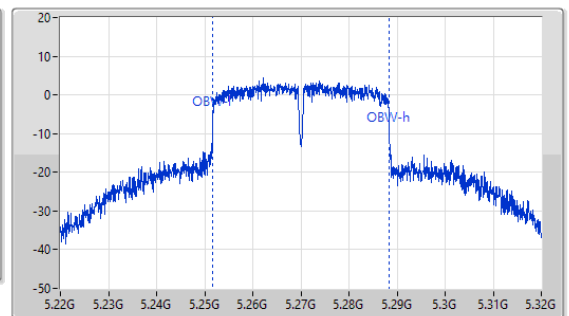
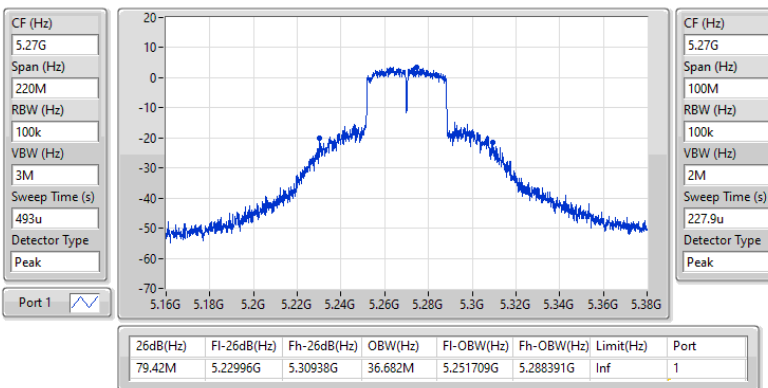


5.25-5.35GHz 802.11n HT20_Nss1,(MCS0)_1TX
EBW
5260MHz

15/07/2025


5.25-5.35GHz 802.11n HT40_Nss1,(MCS0)_1TX
EBW
5270MHz

15/07/2025

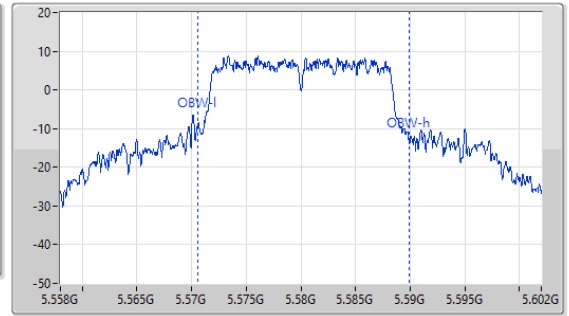
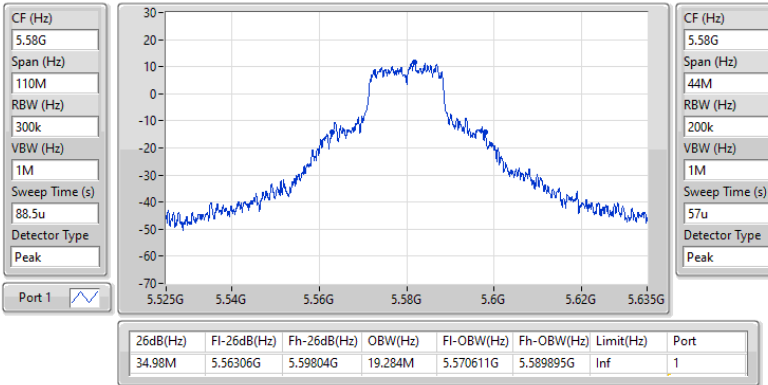


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

15/07/2025

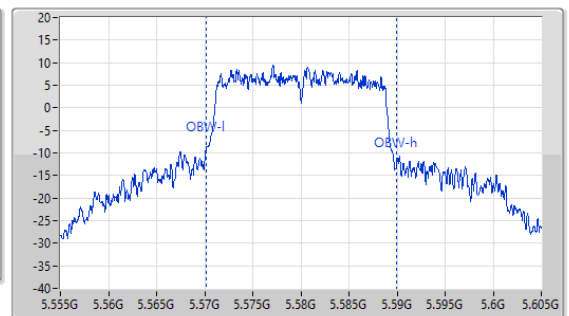
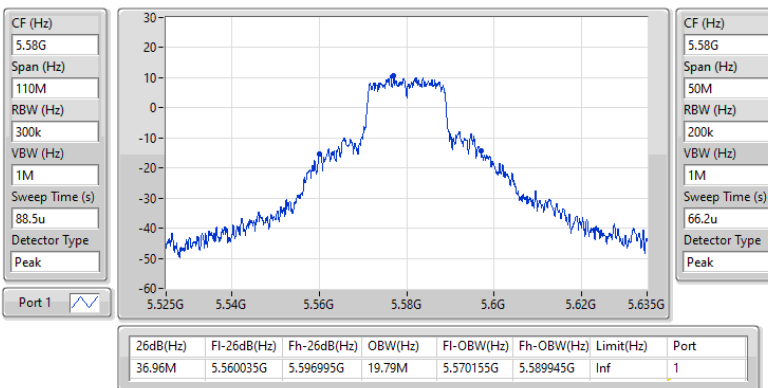


5.47-5.725GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

5580MHz

15/07/2025

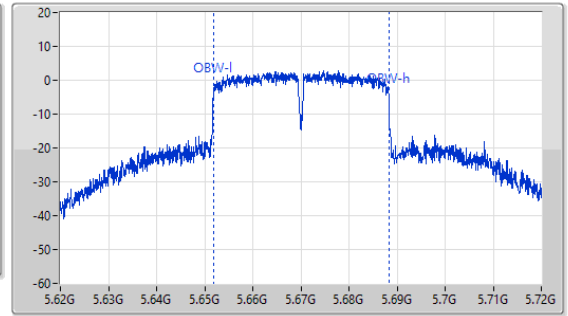
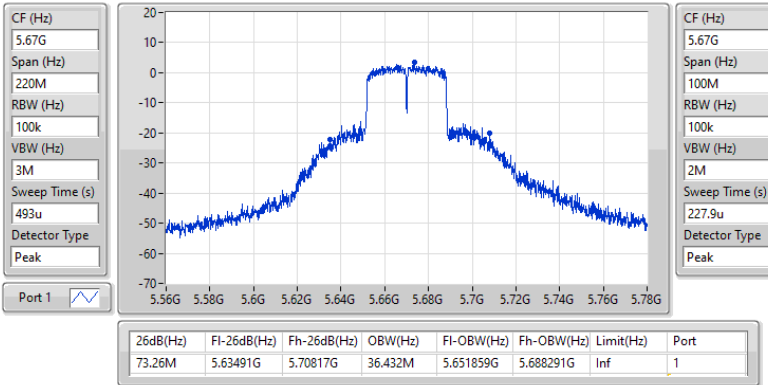


5.47-5.725GHz_802.11n_HT40_Nss1,(MCS0)_1TX

EBW

5670MHz

15/07/2025

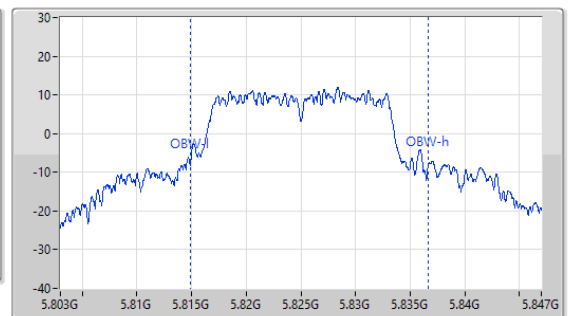
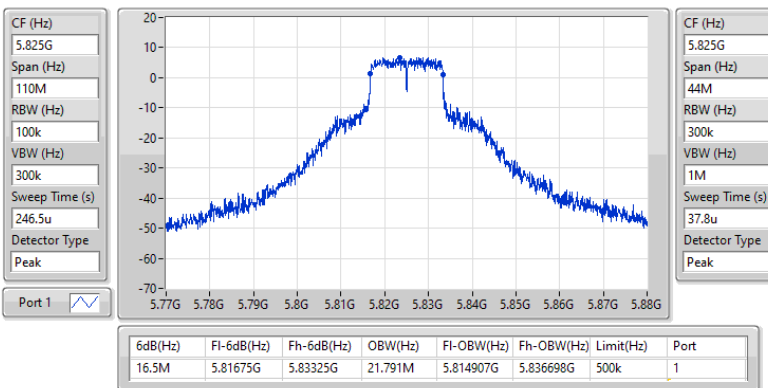


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

15/07/2025



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

EBW

5825MHz

15/07/2025

CF (Hz)
5.825G

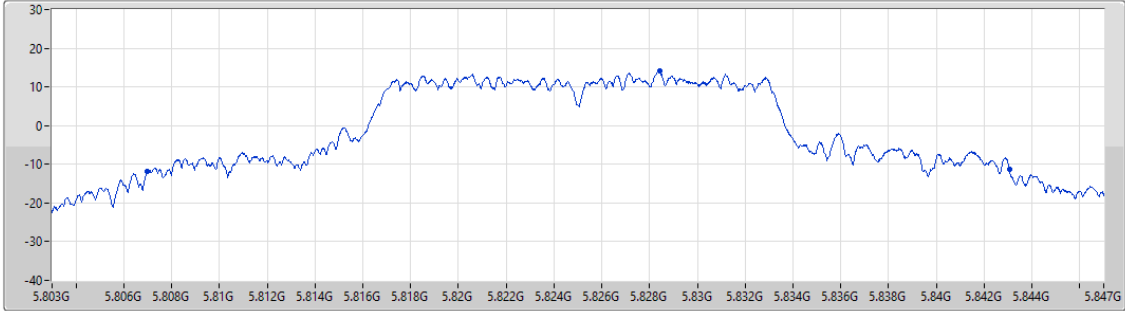
Span (Hz)
44M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
37.8u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.08M	5.806982G	5.843062G	Inf	1

5.725-5.85GHz_802.11n_HT20_Nss1,(MCS0)_1TX

EBW

5745MHz

15/07/2025

CF (Hz)
5.745G

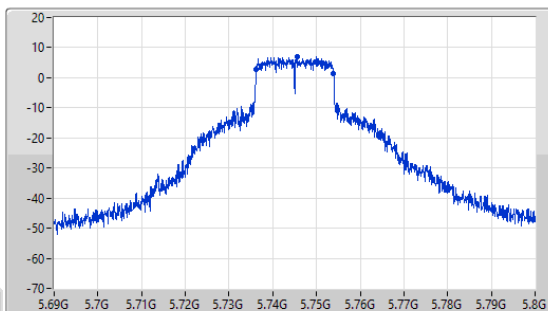
Span (Hz)
110M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
246.5u

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.71M	5.7362G	5.75391G	23.963M	5.732806G	5.756769G	500k	1

CF (Hz)
5.745G

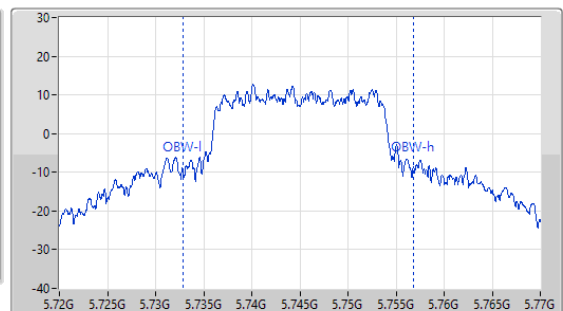
Span (Hz)
50M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
44.3u

Detector Type
Peak



5.725-5.85GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

5745MHz

15/07/2025

CF (Hz)
5.745G

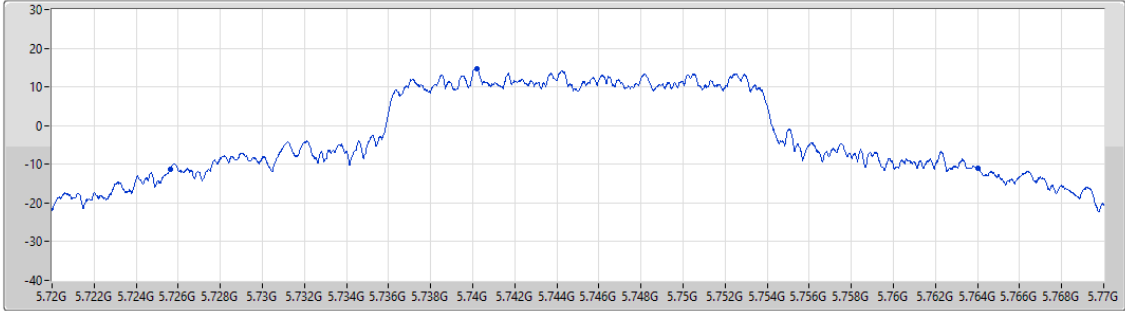
Span (Hz)
50M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
44.3u

Detector Type
Peak



Port 1

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.375M	5.72565G	5.764025G	Inf	1

5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_1TX

EBW

5755MHz

15/07/2025

CF (Hz)
5.755G

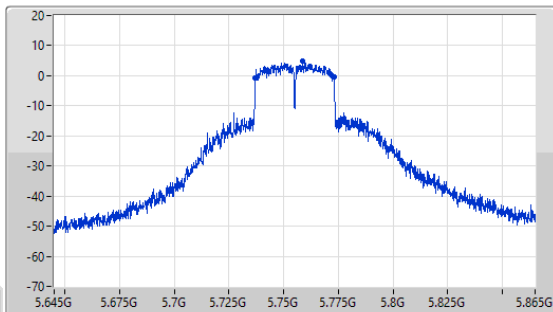
Span (Hz)
220M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
493u

Detector Type
Peak



Port 1

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.73685G	5.77315G	47.126M	5.73421G	5.781337G	500k	1

CF (Hz)
5.755G

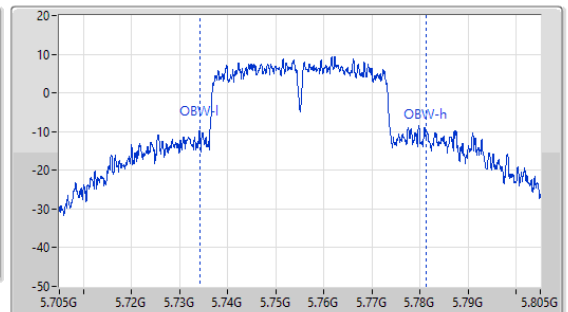
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
2M

Sweep Time (s)
82.3u

Detector Type
Peak



5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_1TX

EBW

5755MHz

15/07/2025

CF (Hz)
5.755G

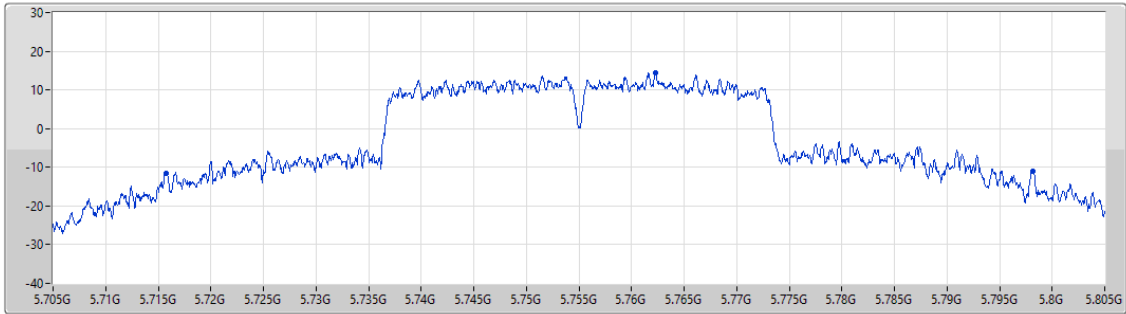
Span (Hz)
100M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
82.3u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
82.4M	5.7158G	5.7982G	Inf	1

Port 1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.29	0.13459	25.39	0.34594
802.11n HT20_Nss1,(MCS0)_1TX	21.35	0.13646	25.45	0.35075
802.11n HT40_Nss1,(MCS0)_1TX	20.45	0.11092	24.55	0.28510
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.08	0.12823	25.18	0.32961
802.11n HT20_Nss1,(MCS0)_1TX	20.88	0.12246	24.98	0.31477
802.11n HT40_Nss1,(MCS0)_1TX	21.04	0.12706	25.14	0.32659
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.02	0.12647	25.12	0.32509
802.11n HT20_Nss1,(MCS0)_1TX	21.15	0.13032	25.25	0.33497
802.11n HT40_Nss1,(MCS0)_1TX	21.12	0.12942	25.22	0.33266
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.74	0.14928	25.84	0.38371
802.11n HT20_Nss1,(MCS0)_1TX	21.76	0.14997	25.86	0.38548
802.11n HT40_Nss1,(MCS0)_1TX	21.63	0.14555	25.73	0.37411



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.10	16.16	16.16	23.98	20.26	Inf
5200MHz	Pass	4.10	21.29	21.29	23.98	25.39	Inf
5240MHz	Pass	4.10	21.20	21.20	23.98	25.30	Inf
5260MHz	Pass	4.10	20.93	20.93	23.98	25.03	Inf
5300MHz	Pass	4.10	21.08	21.08	23.98	25.18	Inf
5320MHz	Pass	4.10	19.02	19.02	23.98	23.12	Inf
5500MHz	Pass	4.10	19.58	19.58	23.98	23.68	Inf
5580MHz	Pass	4.10	21.02	21.02	23.98	25.12	Inf
5700MHz	Pass	4.10	19.09	19.09	23.98	23.19	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	4.10	19.79	19.79	23.98	23.89	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	4.10	13.48	13.48	30.00	17.58	Inf
5745MHz	Pass	4.10	21.74	21.74	30.00	25.84	Inf
5785MHz	Pass	4.10	21.22	21.22	30.00	25.32	Inf
5825MHz	Pass	4.10	21.52	21.52	30.00	25.62	Inf
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.10	16.71	16.71	23.98	20.81	Inf
5200MHz	Pass	4.10	20.78	20.78	23.98	24.88	Inf
5240MHz	Pass	4.10	21.35	21.35	23.98	25.45	Inf
5260MHz	Pass	4.10	20.87	20.87	23.98	24.97	Inf
5300MHz	Pass	4.10	20.88	20.88	23.98	24.98	Inf
5320MHz	Pass	4.10	18.47	18.47	23.98	22.57	Inf
5500MHz	Pass	4.10	18.76	18.76	23.98	22.86	Inf
5580MHz	Pass	4.10	21.15	21.15	23.98	25.25	Inf
5700MHz	Pass	4.10	17.46	17.46	23.98	21.56	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	4.10	19.51	19.51	23.98	23.61	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	4.10	13.64	13.64	30.00	17.74	Inf
5745MHz	Pass	4.10	21.76	21.76	30.00	25.86	Inf
5785MHz	Pass	4.10	21.15	21.15	30.00	25.25	Inf
5825MHz	Pass	4.10	21.10	21.10	30.00	25.20	Inf
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.10	14.98	14.98	23.98	19.08	Inf
5230MHz	Pass	4.10	20.45	20.45	23.98	24.55	Inf
5270MHz	Pass	4.10	21.04	21.04	23.98	25.14	Inf
5310MHz	Pass	4.10	15.61	15.61	23.98	19.71	Inf
5510MHz	Pass	4.10	15.77	15.77	23.98	19.87	Inf
5550MHz	Pass	4.10	20.82	20.82	23.98	24.92	Inf
5670MHz	Pass	4.10	20.45	20.45	23.98	24.55	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	4.10	21.12	21.12	23.98	25.22	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	4.10	9.76	9.76	30.00	13.86	Inf
5755MHz	Pass	4.10	21.63	21.63	30.00	25.73	Inf
5795MHz	Pass	4.10	21.10	21.10	30.00	25.20	Inf

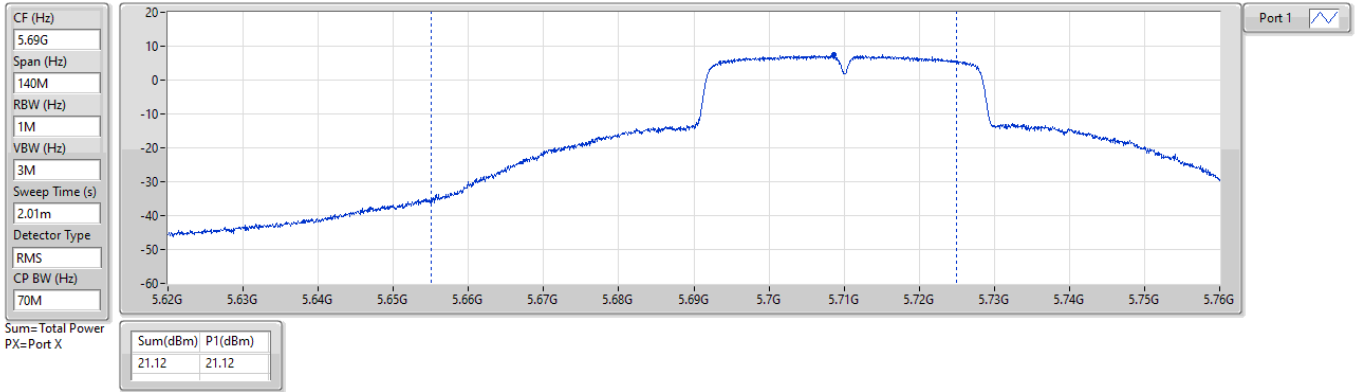
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



5.47-5.725GHz_802.11n HT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.25	12.35
802.11n HT20_Nss1,(MCS0)_1TX	8.25	12.35
802.11n HT40_Nss1,(MCS0)_1TX	4.58	8.68
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.17	12.27
802.11n HT20_Nss1,(MCS0)_1TX	7.85	11.95
802.11n HT40_Nss1,(MCS0)_1TX	5.18	9.28
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.91	12.01
802.11n HT20_Nss1,(MCS0)_1TX	7.94	12.04
802.11n HT40_Nss1,(MCS0)_1TX	5.35	9.45
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.36	11.46
802.11n HT20_Nss1,(MCS0)_1TX	7.30	11.40
802.11n HT40_Nss1,(MCS0)_1TX	4.29	8.39

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.10	3.26	3.26	11.00	7.36	Inf
5200MHz	Pass	4.10	8.25	8.25	11.00	12.35	Inf
5240MHz	Pass	4.10	8.24	8.24	11.00	12.34	Inf
5260MHz	Pass	4.10	7.98	7.98	11.00	12.08	Inf
5300MHz	Pass	4.10	8.17	8.17	11.00	12.27	Inf
5320MHz	Pass	4.10	6.16	6.16	11.00	10.26	Inf
5500MHz	Pass	4.10	6.54	6.54	11.00	10.64	Inf
5580MHz	Pass	4.10	7.91	7.91	11.00	12.01	Inf
5700MHz	Pass	4.10	6.24	6.24	11.00	10.34	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	4.10	7.62	7.62	11.00	11.72	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	4.10	5.80	5.80	30.00	9.90	Inf
5745MHz	Pass	4.10	7.36	7.36	30.00	11.46	Inf
5785MHz	Pass	4.10	6.80	6.80	30.00	10.90	Inf
5825MHz	Pass	4.10	7.12	7.12	30.00	11.22	Inf
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.10	3.65	3.65	11.00	7.75	Inf
5200MHz	Pass	4.10	7.62	7.62	11.00	11.72	Inf
5240MHz	Pass	4.10	8.25	8.25	11.00	12.35	Inf
5260MHz	Pass	4.10	7.83	7.83	11.00	11.93	Inf
5300MHz	Pass	4.10	7.85	7.85	11.00	11.95	Inf
5320MHz	Pass	4.10	5.52	5.52	11.00	9.62	Inf
5500MHz	Pass	4.10	5.69	5.69	11.00	9.79	Inf
5580MHz	Pass	4.10	7.94	7.94	11.00	12.04	Inf
5700MHz	Pass	4.10	4.48	4.48	11.00	8.58	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	4.10	7.27	7.27	11.00	11.37	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	4.10	5.50	5.50	30.00	9.60	Inf
5745MHz	Pass	4.10	7.30	7.30	30.00	11.40	Inf
5785MHz	Pass	4.10	6.49	6.49	30.00	10.59	Inf
5825MHz	Pass	4.10	6.56	6.56	30.00	10.66	Inf
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.10	-1.00	-1.00	11.00	3.10	Inf
5230MHz	Pass	4.10	4.58	4.58	11.00	8.68	Inf
5270MHz	Pass	4.10	5.18	5.18	11.00	9.28	Inf
5310MHz	Pass	4.10	-0.20	-0.20	11.00	3.90	Inf
5510MHz	Pass	4.10	-0.16	-0.16	11.00	3.94	Inf
5550MHz	Pass	4.10	4.72	4.72	11.00	8.82	Inf
5670MHz	Pass	4.10	4.53	4.53	11.00	8.63	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	4.10	5.35	5.35	11.00	9.45	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	4.10	2.30	2.30	30.00	6.40	Inf
5755MHz	Pass	4.10	4.29	4.29	30.00	8.39	Inf
5795MHz	Pass	4.10	3.58	3.58	30.00	7.68	Inf

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

15/07/2025

CF (Hz)
5.2G

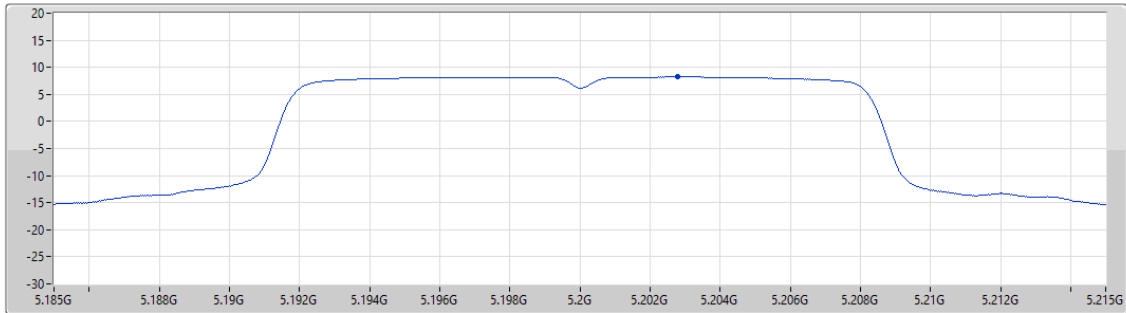
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
10.01

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	8.25

5.15-5.25GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

5240MHz

15/07/2025

CF (Hz)
5.24G

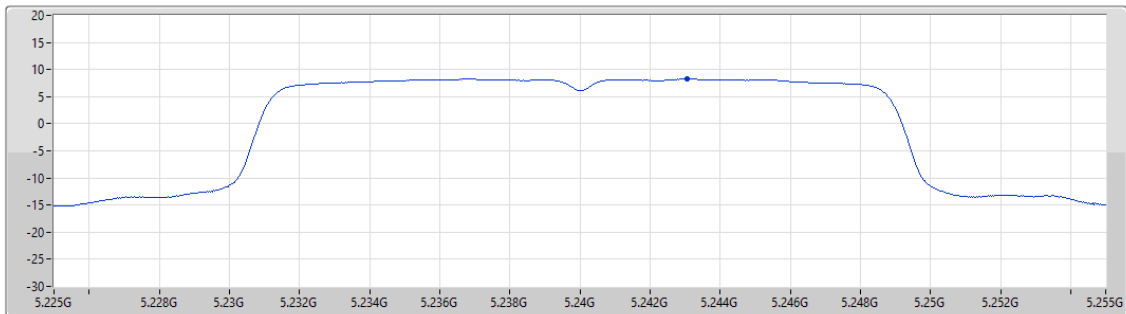
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
10.01

Detector Type
RMS



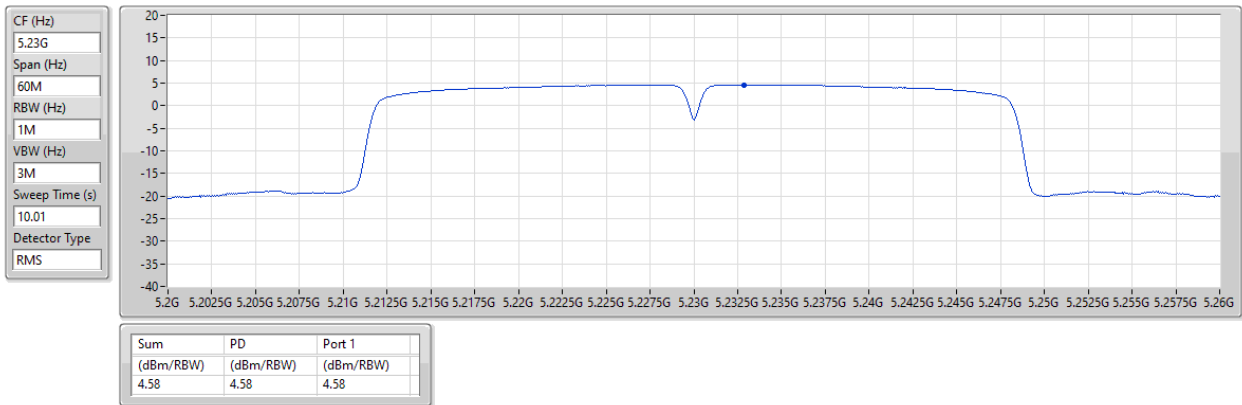
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	8.25

5.15-5.25GHz_802.11n_HT40_Nss1,(MCS0)_1TX

PSD

5230MHz

15/07/2025

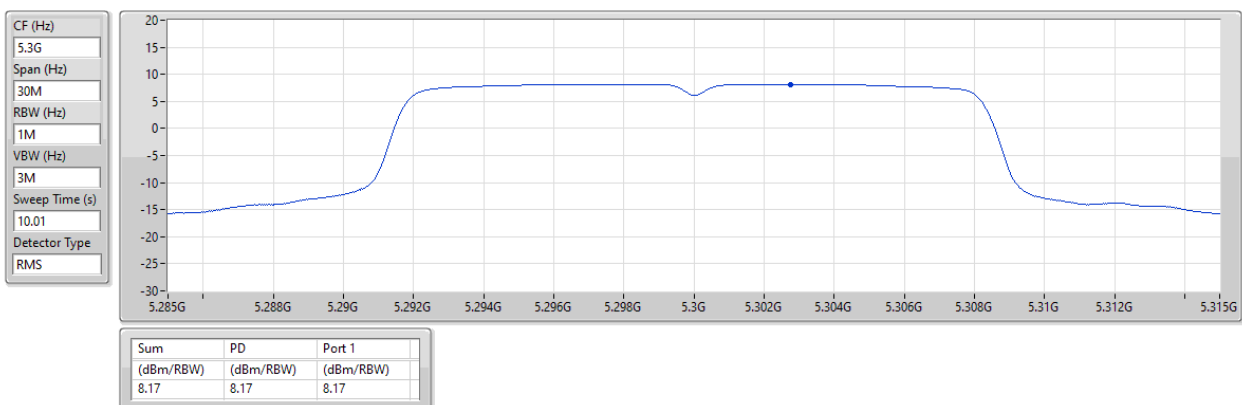


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

15/07/2025

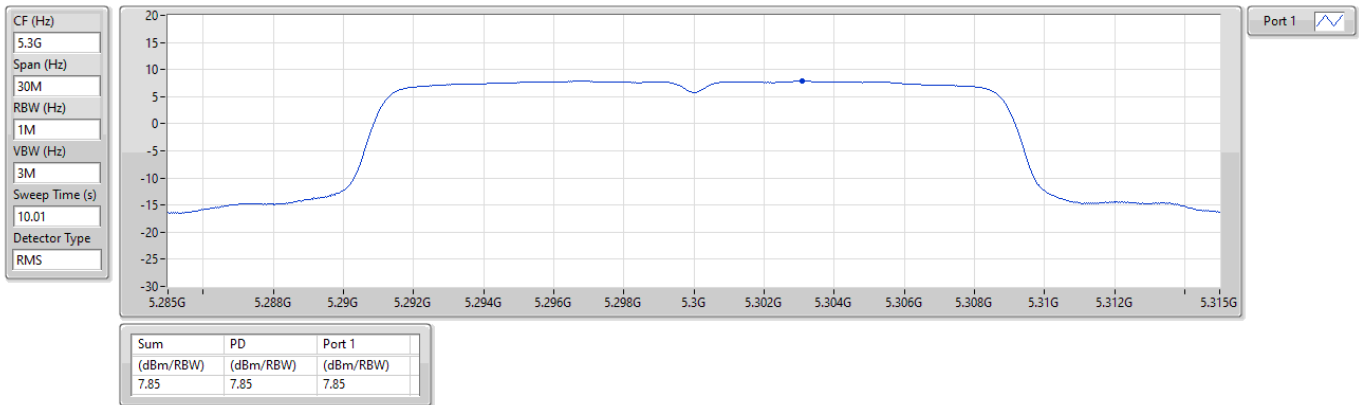


5.25-5.35GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

5300MHz

15/07/2025

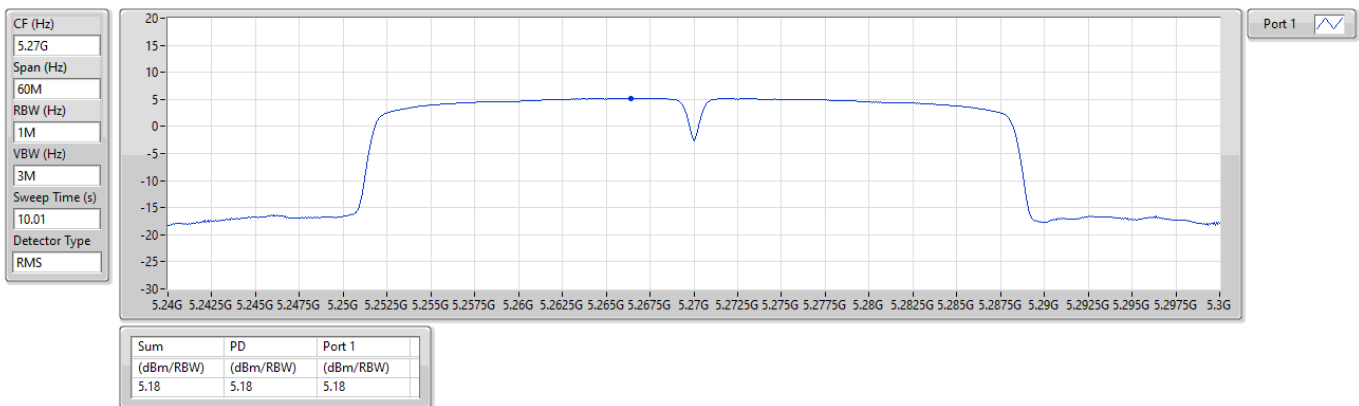


5.25-5.35GHz_802.11n HT40_Nss1,(MCS0)_1TX

PSD

5270MHz

15/07/2025

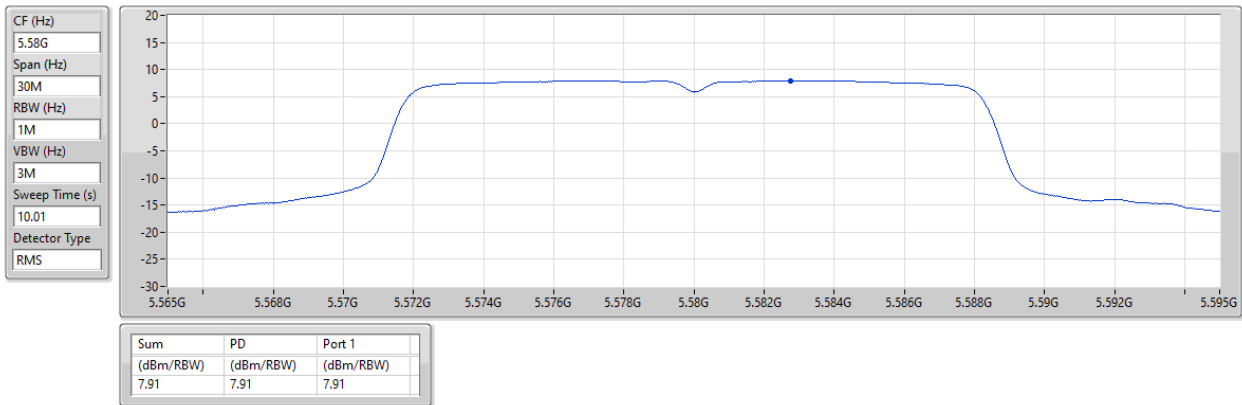


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

15/07/2025

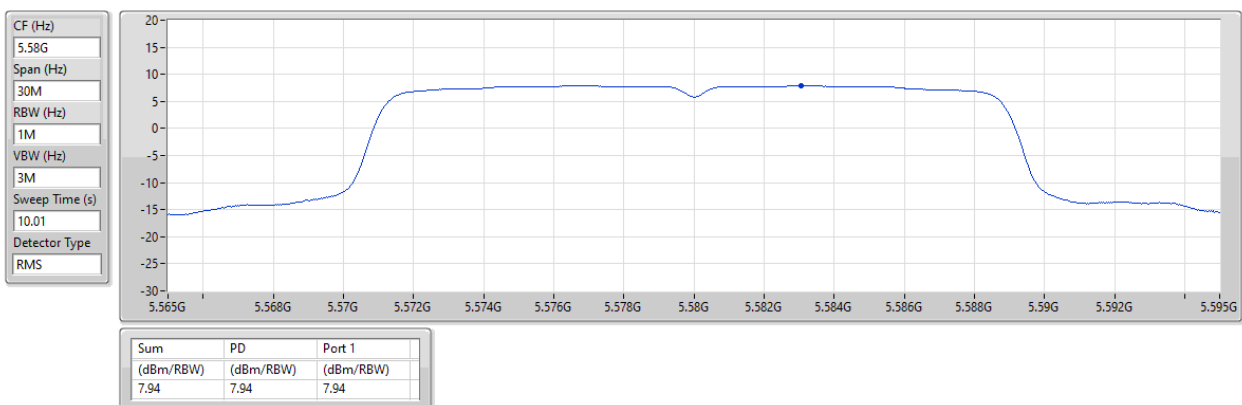


5.47-5.725GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

5580MHz

15/07/2025

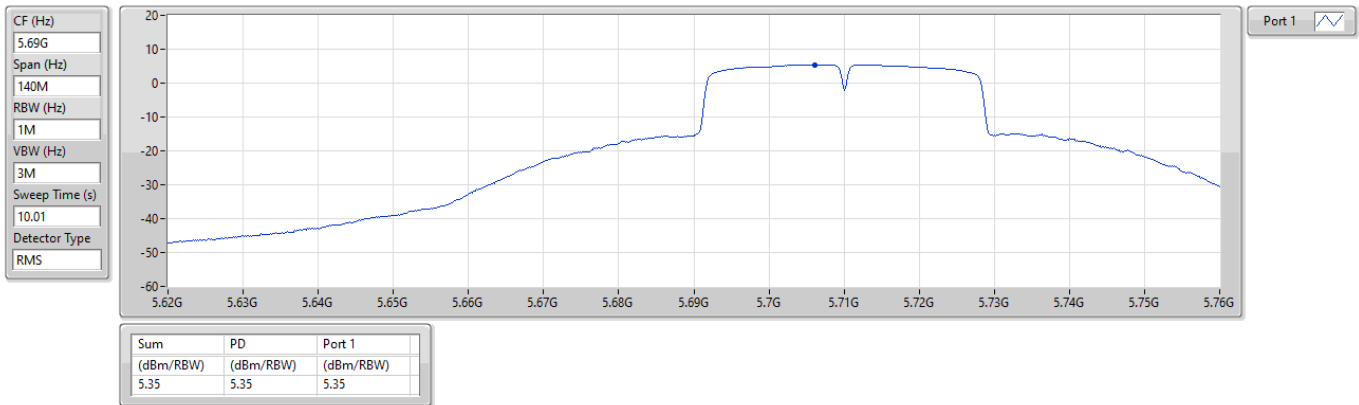


5.47-5.725GHz_802.11n_HT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

15/07/2025

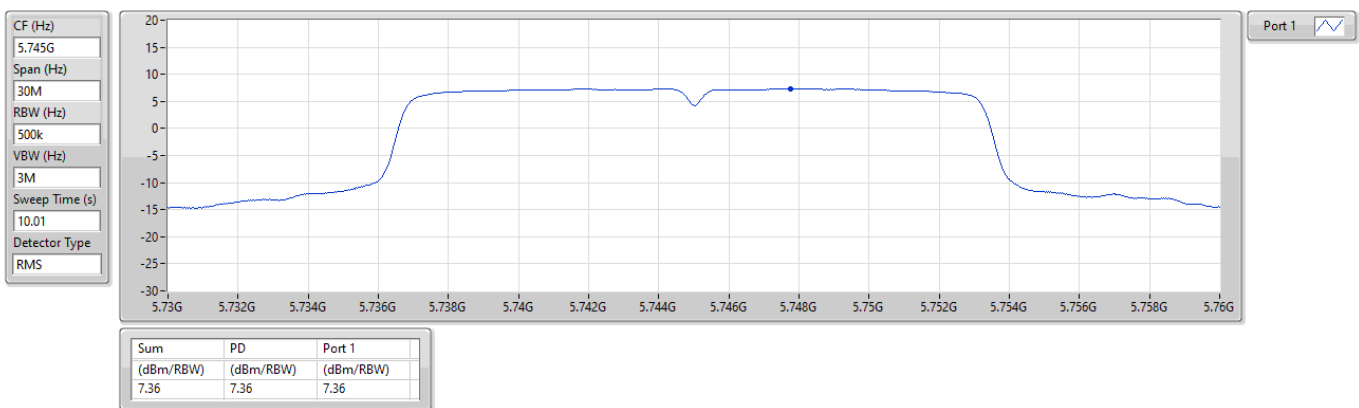


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

15/07/2025

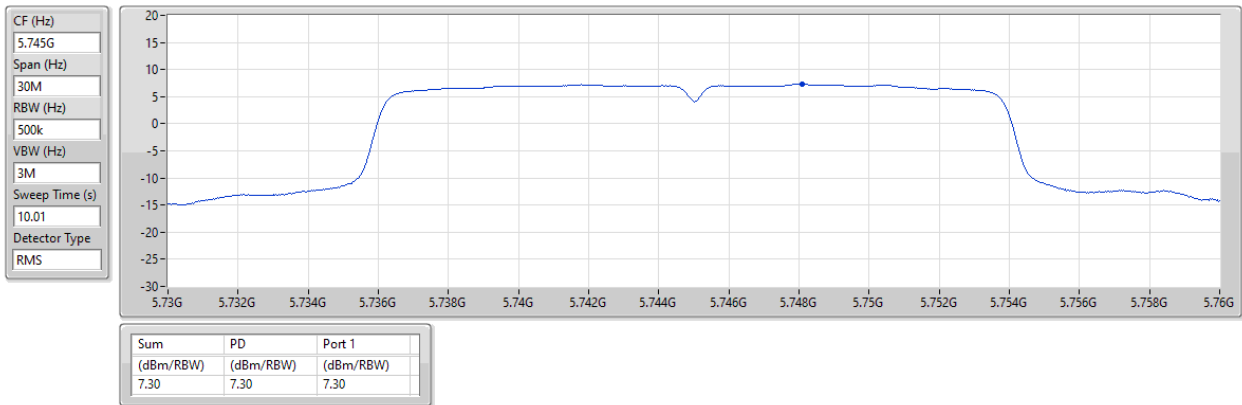


5.725-5.85GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

5745MHz

15/07/2025

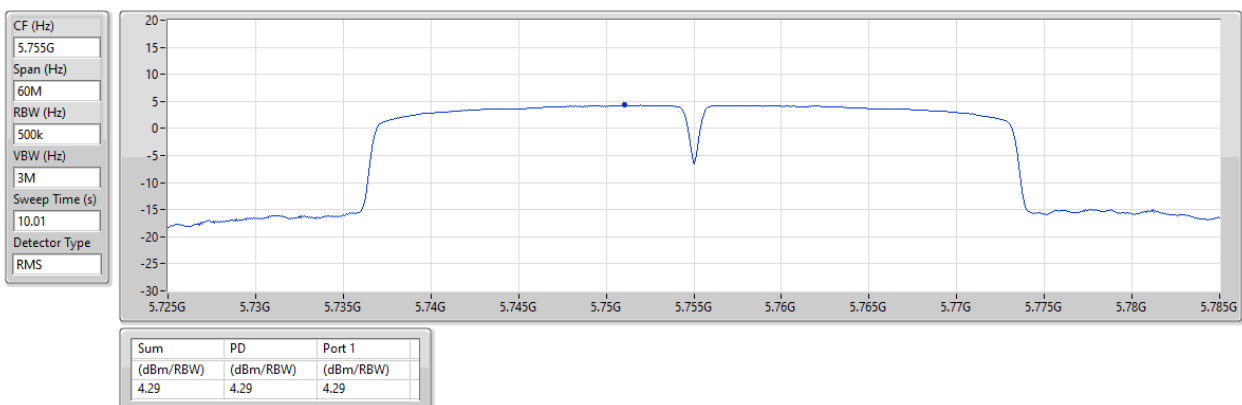


5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_1TX

PSD

5755MHz

15/07/2025





Summary

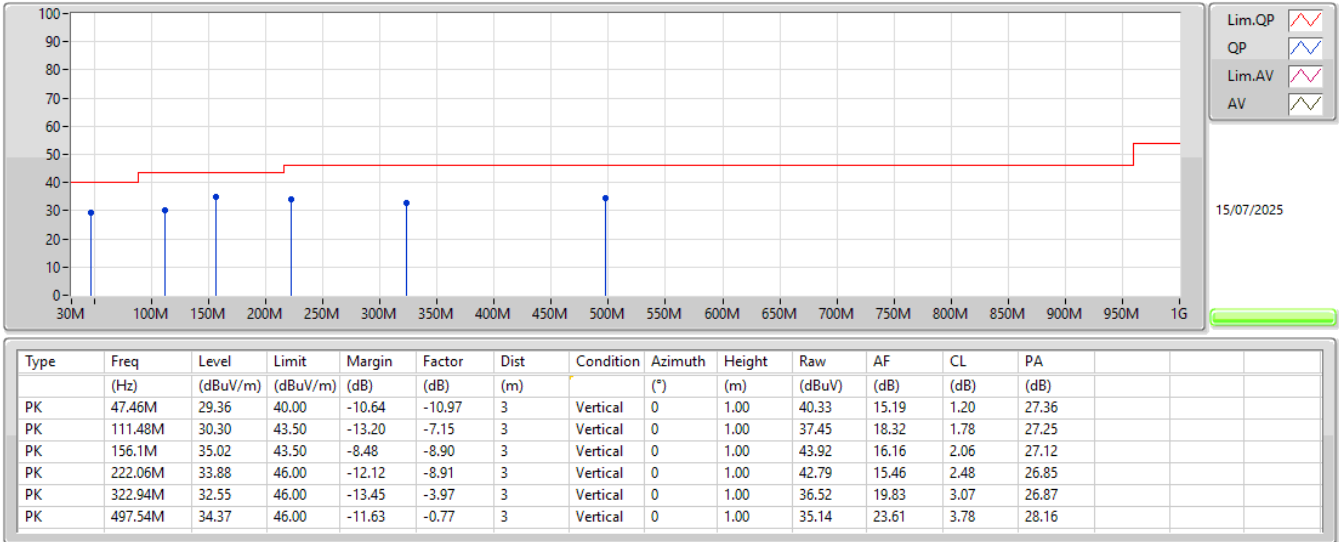
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	187.14M	36.11	43.50	-7.39	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11n HT40_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	PK	47.46M	29.36	40.00	-10.64	3	Vertical	0	1.00
5755MHz	Pass	PK	111.48M	30.30	43.50	-13.20	3	Vertical	0	1.00
5755MHz	Pass	PK	156.1M	35.02	43.50	-8.48	3	Vertical	0	1.00
5755MHz	Pass	PK	222.06M	33.88	46.00	-12.12	3	Vertical	0	1.00
5755MHz	Pass	PK	322.94M	32.55	46.00	-13.45	3	Vertical	0	1.00
5755MHz	Pass	PK	497.54M	34.37	46.00	-11.63	3	Vertical	0	1.00
5755MHz	Pass	PK	30M	24.57	40.00	-15.43	3	Horizontal	360	1.00
5755MHz	Pass	PK	94.02M	26.98	43.50	-16.52	3	Horizontal	360	1.00
5755MHz	Pass	PK	187.14M	36.11	43.50	-7.39	3	Horizontal	360	1.00
5755MHz	Pass	PK	336.52M	35.98	46.00	-10.02	3	Horizontal	360	1.00
5755MHz	Pass	PK	400.54M	32.85	46.00	-13.15	3	Horizontal	360	1.00
5755MHz	Pass	PK	468.44M	31.21	46.00	-14.79	3	Horizontal	360	1.00

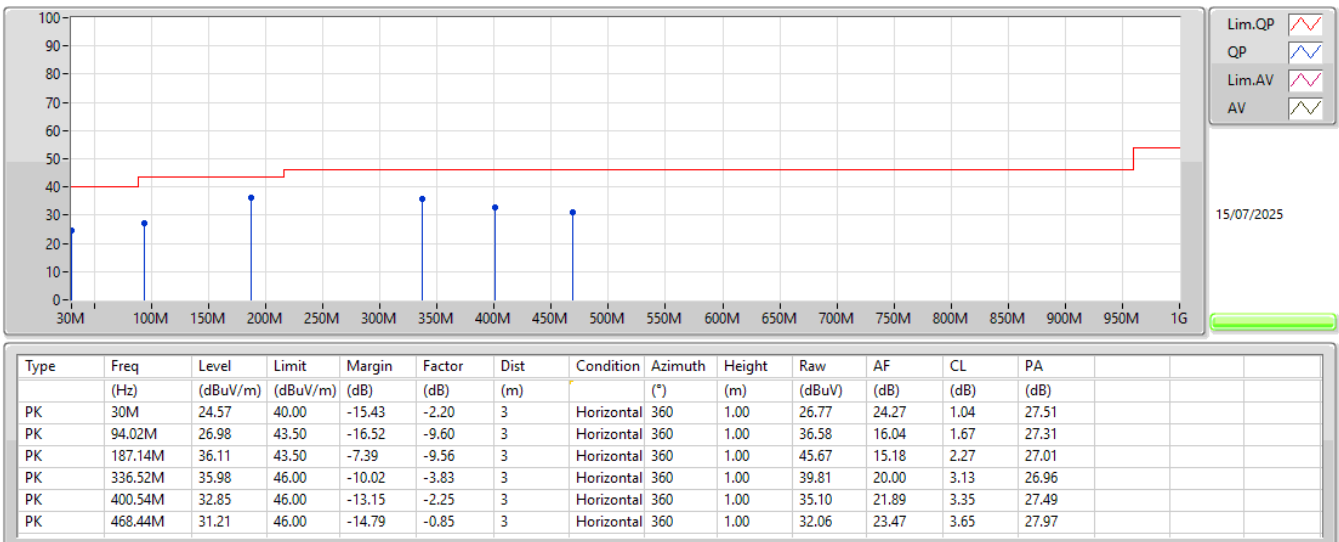
5.725-5.85GHz_802.11n_HT40_Nss1,(MCS0)_1TX

5755MHz_Fixture



5.725-5.85GHz_802.11n_HT40_Nss1,(MCS0)_1TX

5755MHz_Fixture



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.15G	52.83	54.00	-1.17	3	Horizontal	342	1.24
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.15G	52.91	54.00	-1.09	3	Horizontal	326	1.06
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	5.15G	52.90	54.00	-1.10	3	Horizontal	340	1.03
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.35G	52.35	54.00	-1.65	3	Horizontal	340	1.13
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.35G	52.39	54.00	-1.61	3	Horizontal	341	1.11
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	5.35G	52.77	54.00	-1.23	3	Horizontal	340	1.18
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.7256G	67.07	68.20	-1.13	3	Horizontal	346	1.02
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	5.467G	66.84	68.20	-1.36	3	Horizontal	342	1.10
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	5.7252G	67.09	68.20	-1.11	3	Horizontal	349	1.06
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	6.0514G	61.33	68.20	-6.87	3	Horizontal	346	1.20
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	5.9514G	60.88	68.20	-7.32	3	Horizontal	345	1.05
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	5.9378G	61.26	68.20	-6.94	3	Horizontal	344	1.08

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	52.83	54.00	-1.17	3	Horizontal	342	1.24
5180MHz	Pass	AV	5.1822G	99.23	Inf	-Inf	3	Horizontal	342	1.24
5180MHz	Pass	PK	5.1472G	66.03	74.00	-7.97	3	Horizontal	342	1.24
5180MHz	Pass	PK	5.1814G	107.56	Inf	-Inf	3	Horizontal	342	1.24
5180MHz	Pass	AV	15.54648G	42.76	54.00	-11.24	3	Vertical	42	1.50
5180MHz	Pass	PK	10.36092G	52.63	68.20	-15.57	3	Vertical	258	2.45
5180MHz	Pass	PK	15.5368G	55.04	74.00	-18.96	3	Vertical	42	1.50
5180MHz	Pass	AV	15.54648G	42.83	54.00	-11.17	3	Horizontal	91	1.32
5180MHz	Pass	PK	10.36284G	51.84	68.20	-16.36	3	Horizontal	70	2.77
5180MHz	Pass	PK	15.53512G	55.49	74.00	-18.51	3	Horizontal	91	1.32
5200MHz	Pass	AV	5.15G	52.79	54.00	-1.21	3	Horizontal	340	1.16
5200MHz	Pass	AV	5.202G	103.77	Inf	-Inf	3	Horizontal	340	1.16
5200MHz	Pass	PK	5.1484G	67.98	74.00	-6.02	3	Horizontal	340	1.16
5200MHz	Pass	PK	5.2032G	112.00	Inf	-Inf	3	Horizontal	340	1.16
5200MHz	Pass	AV	15.5994G	47.32	54.00	-6.68	3	Vertical	163	2.46
5200MHz	Pass	PK	10.39608G	52.67	68.20	-15.53	3	Vertical	248	2.94
5200MHz	Pass	PK	15.6028G	60.68	74.00	-13.32	3	Vertical	163	2.46
5200MHz	Pass	AV	15.59932G	43.72	54.00	-10.28	3	Horizontal	46	2.88
5200MHz	Pass	PK	10.3938G	51.51	68.20	-16.69	3	Horizontal	282	1.62
5200MHz	Pass	PK	15.5976G	57.12	74.00	-16.88	3	Horizontal	46	2.88
5240MHz	Pass	AV	5.15G	47.06	54.00	-6.94	3	Horizontal	340	1.03
5240MHz	Pass	AV	5.237G	104.53	Inf	-Inf	3	Horizontal	340	1.03
5240MHz	Pass	AV	5.3618G	47.36	54.00	-6.64	3	Horizontal	340	1.03
5240MHz	Pass	PK	5.1494G	59.01	74.00	-14.99	3	Horizontal	340	1.03
5240MHz	Pass	PK	5.2346G	112.98	Inf	-Inf	3	Horizontal	340	1.03
5240MHz	Pass	PK	5.3564G	59.62	74.00	-14.38	3	Horizontal	340	1.03
5240MHz	Pass	AV	15.7186G	48.26	54.00	-5.74	3	Vertical	164	2.44
5240MHz	Pass	PK	10.48332G	53.83	68.20	-14.37	3	Vertical	260	2.92
5240MHz	Pass	PK	15.72456G	60.79	74.00	-13.21	3	Vertical	164	2.44
5240MHz	Pass	AV	15.71844G	45.93	54.00	-8.07	3	Horizontal	65	1.21
5240MHz	Pass	PK	10.4752G	52.19	68.20	-16.01	3	Horizontal	301	1.50
5240MHz	Pass	PK	15.71424G	59.78	74.00	-14.22	3	Horizontal	65	1.21
5260MHz	Pass	AV	5.1472G	46.39	54.00	-7.61	3	Horizontal	341	1.17
5260MHz	Pass	AV	5.257G	104.57	Inf	-Inf	3	Horizontal	341	1.17
5260MHz	Pass	AV	5.3734G	47.37	54.00	-6.63	3	Horizontal	341	1.17
5260MHz	Pass	PK	5.1364G	58.89	74.00	-15.11	3	Horizontal	341	1.17
5260MHz	Pass	PK	5.2546G	112.90	Inf	-Inf	3	Horizontal	341	1.17
5260MHz	Pass	PK	5.3788G	59.49	74.00	-14.51	3	Horizontal	341	1.17
5260MHz	Pass	AV	15.77848G	48.40	54.00	-5.60	3	Vertical	164	2.41
5260MHz	Pass	PK	10.52496G	53.30	68.20	-14.90	3	Vertical	262	3.00
5260MHz	Pass	PK	15.77416G	61.41	74.00	-12.59	3	Vertical	164	2.41
5260MHz	Pass	AV	15.77864G	45.90	54.00	-8.10	3	Horizontal	64	1.21
5260MHz	Pass	PK	10.51344G	52.32	68.20	-15.88	3	Horizontal	353	2.07
5260MHz	Pass	PK	15.78212G	59.33	74.00	-14.67	3	Horizontal	64	1.21
5300MHz	Pass	AV	5.3032G	104.51	Inf	-Inf	3	Horizontal	341	1.12
5300MHz	Pass	AV	5.35G	52.14	54.00	-1.86	3	Horizontal	341	1.12
5300MHz	Pass	PK	5.3032G	113.09	Inf	-Inf	3	Horizontal	341	1.12
5300MHz	Pass	PK	5.3524G	64.79	74.00	-9.21	3	Horizontal	341	1.12
5300MHz	Pass	AV	15.89848G	49.05	54.00	-4.95	3	Vertical	164	2.38
5300MHz	Pass	PK	10.5968G	54.15	68.20	-14.05	3	Vertical	254	2.50
5300MHz	Pass	PK	15.89972G	61.89	74.00	-12.11	3	Vertical	164	2.38
5300MHz	Pass	AV	15.89848G	45.95	54.00	-8.05	3	Horizontal	64	1.15
5300MHz	Pass	PK	10.5976G	52.89	68.20	-15.31	3	Horizontal	332	1.41
5300MHz	Pass	PK	15.89992G	59.10	74.00	-14.90	3	Horizontal	64	1.15
5320MHz	Pass	AV	5.322G	101.10	Inf	-Inf	3	Horizontal	340	1.13
5320MHz	Pass	AV	5.35G	52.35	54.00	-1.65	3	Horizontal	340	1.13
5320MHz	Pass	PK	5.3216G	109.37	Inf	-Inf	3	Horizontal	340	1.13
5320MHz	Pass	PK	5.353G	66.87	74.00	-7.13	3	Horizontal	340	1.13
5320MHz	Pass	AV	10.64956G	39.65	54.00	-14.35	3	Vertical	165	2.23
5320MHz	Pass	AV	15.95948G	44.29	54.00	-9.71	3	Vertical	161	2.37

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5320MHz	Pass	PK	10.64508G	52.66	74.00	-21.34	3	Vertical	165	2.23
5320MHz	Pass	PK	15.95992G	58.33	74.00	-15.67	3	Vertical	161	2.37
5320MHz	Pass	AV	10.64916G	39.62	54.00	-14.38	3	Horizontal	231	1.50
5320MHz	Pass	AV	15.9618G	42.62	54.00	-11.38	3	Horizontal	202	2.80
5320MHz	Pass	PK	10.64968G	52.86	74.00	-21.14	3	Horizontal	231	1.50
5320MHz	Pass	PK	15.95388G	55.95	74.00	-18.05	3	Horizontal	202	2.80
5500MHz	Pass	AV	5.46G	48.48	54.00	-5.52	3	Horizontal	336	1.10
5500MHz	Pass	AV	5.4974G	102.45	Inf	-Inf	3	Horizontal	336	1.10
5500MHz	Pass	PK	5.4592G	63.54	74.00	-10.46	3	Horizontal	336	1.10
5500MHz	Pass	PK	5.469G	66.88	68.20	-1.32	3	Horizontal	336	1.10
5500MHz	Pass	PK	5.496G	110.67	Inf	-Inf	3	Horizontal	336	1.10
5500MHz	Pass	AV	11G	39.44	54.00	-14.56	3	Vertical	282	2.91
5500MHz	Pass	PK	10.99804G	52.14	74.00	-21.86	3	Vertical	282	2.91
5500MHz	Pass	PK	16.49968G	58.27	68.20	-9.93	3	Vertical	162	2.32
5500MHz	Pass	AV	10.99048G	39.13	54.00	-14.87	3	Horizontal	118	3.00
5500MHz	Pass	PK	11.00836G	53.13	74.00	-20.87	3	Horizontal	118	3.00
5500MHz	Pass	PK	16.50296G	55.59	68.20	-12.61	3	Horizontal	79	1.25
5580MHz	Pass	AV	5.4594G	47.02	54.00	-6.98	3	Horizontal	335	1.06
5580MHz	Pass	AV	5.5752G	103.66	Inf	-Inf	3	Horizontal	335	1.06
5580MHz	Pass	PK	5.4462G	58.91	74.00	-15.09	3	Horizontal	335	1.06
5580MHz	Pass	PK	5.4648G	59.42	68.20	-8.78	3	Horizontal	335	1.06
5580MHz	Pass	PK	5.5746G	111.97	Inf	-Inf	3	Horizontal	335	1.06
5580MHz	Pass	PK	5.7264G	58.75	68.20	-9.45	3	Horizontal	335	1.06
5580MHz	Pass	AV	11.16032G	40.29	54.00	-13.71	3	Vertical	0	1.42
5580MHz	Pass	PK	11.15112G	53.49	74.00	-20.51	3	Vertical	0	1.42
5580MHz	Pass	PK	16.73988G	60.50	68.20	-7.70	3	Vertical	161	2.41
5580MHz	Pass	AV	11.16024G	40.11	54.00	-13.89	3	Horizontal	139	3.00
5580MHz	Pass	PK	11.16188G	53.41	74.00	-20.59	3	Horizontal	139	3.00
5580MHz	Pass	PK	16.73992G	56.65	68.20	-11.55	3	Horizontal	316	1.06
5700MHz	Pass	AV	5.6972G	99.98	Inf	-Inf	3	Horizontal	346	1.02
5700MHz	Pass	PK	5.6956G	108.13	Inf	-Inf	3	Horizontal	346	1.02
5700MHz	Pass	PK	5.7256G	67.07	68.20	-1.13	3	Horizontal	346	1.02
5700MHz	Pass	AV	11.40548G	39.83	54.00	-14.17	3	Vertical	80	2.17
5700MHz	Pass	PK	11.39556G	53.16	74.00	-20.84	3	Vertical	80	2.17
5700MHz	Pass	PK	17.09116G	56.14	68.20	-12.06	3	Vertical	77	2.37
5700MHz	Pass	AV	11.40564G	39.78	54.00	-14.22	3	Horizontal	78	1.50
5700MHz	Pass	PK	11.3914G	53.11	74.00	-20.89	3	Horizontal	78	1.50
5700MHz	Pass	PK	17.09116G	55.34	68.20	-12.86	3	Horizontal	360	1.50
5720MHz	Pass	AV	5.456G	46.80	54.00	-7.20	3	Horizontal	346	1.00
5720MHz	Pass	AV	5.7176G	102.78	Inf	-Inf	3	Horizontal	346	1.00
5720MHz	Pass	PK	5.432G	58.91	74.00	-15.09	3	Horizontal	346	1.00
5720MHz	Pass	PK	5.468G	58.59	68.20	-9.61	3	Horizontal	346	1.00
5720MHz	Pass	PK	5.7164G	110.92	Inf	-Inf	3	Horizontal	346	1.00
5720MHz	Pass	PK	5.9G	60.25	68.20	-7.95	3	Horizontal	346	1.00
5720MHz	Pass	AV	11.44904G	39.52	54.00	-14.48	3	Vertical	145	1.59
5720MHz	Pass	PK	11.4438G	52.84	74.00	-21.16	3	Vertical	145	1.59
5720MHz	Pass	PK	17.15432G	60.82	68.20	-7.38	3	Vertical	168	2.40
5720MHz	Pass	AV	11.44924G	39.46	54.00	-14.54	3	Horizontal	283	2.45
5720MHz	Pass	PK	11.43436G	52.17	74.00	-21.83	3	Horizontal	283	2.45
5720MHz	Pass	PK	17.1574G	57.34	68.20	-10.86	3	Horizontal	17	1.10
5745MHz	Pass	AV	5.445G	46.76	54.00	-7.24	3	Horizontal	346	1.05
5745MHz	Pass	AV	5.7426G	102.44	Inf	-Inf	3	Horizontal	346	1.05
5745MHz	Pass	PK	5.4918G	59.79	68.20	-8.41	3	Horizontal	346	1.05
5745MHz	Pass	PK	5.7414G	110.55	Inf	-Inf	3	Horizontal	346	1.05
5745MHz	Pass	PK	5.9694G	60.27	68.20	-7.93	3	Horizontal	346	1.05
5745MHz	Pass	AV	11.49028G	40.16	54.00	-13.84	3	Vertical	38	1.17
5745MHz	Pass	PK	11.48704G	53.27	74.00	-20.73	3	Vertical	38	1.17
5745MHz	Pass	PK	17.2322G	60.93	68.20	-7.27	3	Vertical	168	2.32
5745MHz	Pass	AV	11.49412G	39.98	54.00	-14.02	3	Horizontal	53	1.50
5745MHz	Pass	PK	11.4936G	52.89	74.00	-21.11	3	Horizontal	53	1.50
5745MHz	Pass	PK	17.23304G	57.48	68.20	-10.72	3	Horizontal	14	1.11
5785MHz	Pass	AV	5.7874G	101.43	Inf	-Inf	3	Horizontal	346	1.20

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	5.5642G	59.48	68.20	-8.72	3	Horizontal	346	1.20
5785MHz	Pass	PK	5.7886G	109.67	Inf	-Inf	3	Horizontal	346	1.20
5785MHz	Pass	PK	6.0514G	61.33	68.20	-6.87	3	Horizontal	346	1.20
5785MHz	Pass	AV	11.56012G	39.76	54.00	-14.24	3	Vertical	210	1.50
5785MHz	Pass	PK	11.5678G	53.01	74.00	-20.99	3	Vertical	210	1.50
5785MHz	Pass	PK	17.35472G	60.17	68.20	-8.03	3	Vertical	166	2.38
5785MHz	Pass	AV	11.56G	39.66	54.00	-14.34	3	Horizontal	290	1.50
5785MHz	Pass	PK	11.56852G	53.03	74.00	-20.97	3	Horizontal	290	1.50
5785MHz	Pass	PK	17.34888G	57.68	68.20	-10.52	3	Horizontal	20	1.02
5825MHz	Pass	AV	5.8298G	100.98	Inf	-Inf	3	Horizontal	330	1.04
5825MHz	Pass	PK	5.579G	58.87	68.20	-9.33	3	Horizontal	330	1.04
5825MHz	Pass	PK	5.8286G	109.32	Inf	-Inf	3	Horizontal	330	1.04
5825MHz	Pass	PK	6.0518G	61.30	68.20	-6.90	3	Horizontal	330	1.04
5825MHz	Pass	AV	11.6514G	40.07	54.00	-13.93	3	Vertical	244	2.94
5825MHz	Pass	PK	11.6478G	54.01	74.00	-19.99	3	Vertical	244	2.94
5825MHz	Pass	PK	17.47516G	59.54	68.20	-8.66	3	Vertical	163	2.37
5825MHz	Pass	AV	11.65248G	39.75	54.00	-14.25	3	Horizontal	46	2.29
5825MHz	Pass	PK	11.65548G	52.65	74.00	-21.35	3	Horizontal	46	2.29
5825MHz	Pass	PK	17.47552G	59.12	68.20	-9.08	3	Horizontal	96	1.19
802.11n HT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	52.91	54.00	-1.09	3	Horizontal	326	1.06
5180MHz	Pass	AV	5.1768G	98.42	Inf	-Inf	3	Horizontal	326	1.06
5180MHz	Pass	PK	5.1464G	67.41	74.00	-6.59	3	Horizontal	326	1.06
5180MHz	Pass	PK	5.177G	107.74	Inf	-Inf	3	Horizontal	326	1.06
5180MHz	Pass	AV	15.54504G	42.73	54.00	-11.27	3	Vertical	205	1.50
5180MHz	Pass	PK	10.36652G	51.52	68.20	-16.68	3	Vertical	101	1.75
5180MHz	Pass	PK	15.54792G	55.42	74.00	-18.58	3	Vertical	205	1.50
5180MHz	Pass	AV	15.5456G	42.71	54.00	-11.29	3	Horizontal	126	1.50
5180MHz	Pass	PK	10.36944G	52.01	68.20	-16.19	3	Horizontal	19	1.17
5180MHz	Pass	PK	15.54464G	56.04	74.00	-17.96	3	Horizontal	126	1.50
5200MHz	Pass	AV	5.15G	52.68	54.00	-1.32	3	Horizontal	341	1.15
5200MHz	Pass	AV	5.2032G	103.03	Inf	-Inf	3	Horizontal	341	1.15
5200MHz	Pass	PK	5.15G	67.87	74.00	-6.13	3	Horizontal	341	1.15
5200MHz	Pass	PK	5.2032G	111.17	Inf	-Inf	3	Horizontal	341	1.15
5200MHz	Pass	AV	15.60056G	46.57	54.00	-7.43	3	Vertical	165	2.48
5200MHz	Pass	PK	10.40472G	52.30	68.20	-15.90	3	Vertical	248	3.00
5200MHz	Pass	PK	15.60672G	60.84	74.00	-13.16	3	Vertical	165	2.48
5200MHz	Pass	AV	15.60088G	44.68	54.00	-9.32	3	Horizontal	68	1.16
5200MHz	Pass	PK	10.409G	51.64	68.20	-16.56	3	Horizontal	276	2.13
5200MHz	Pass	PK	15.60644G	58.76	74.00	-15.24	3	Horizontal	68	1.16
5240MHz	Pass	AV	5.15G	46.93	54.00	-7.07	3	Horizontal	341	1.03
5240MHz	Pass	AV	5.237G	104.09	Inf	-Inf	3	Horizontal	341	1.03
5240MHz	Pass	AV	5.3576G	47.16	54.00	-6.84	3	Horizontal	341	1.03
5240MHz	Pass	PK	5.15G	59.65	74.00	-14.35	3	Horizontal	341	1.03
5240MHz	Pass	PK	5.237G	112.66	Inf	-Inf	3	Horizontal	341	1.03
5240MHz	Pass	PK	5.354G	59.76	74.00	-14.24	3	Horizontal	341	1.03
5240MHz	Pass	AV	15.71588G	47.28	54.00	-6.72	3	Vertical	166	2.32
5240MHz	Pass	PK	10.48028G	53.79	68.20	-14.41	3	Vertical	246	3.00
5240MHz	Pass	PK	15.72676G	61.63	74.00	-12.37	3	Vertical	166	2.32
5240MHz	Pass	AV	15.71588G	45.43	54.00	-8.57	3	Horizontal	68	1.23
5240MHz	Pass	PK	10.47596G	52.12	68.20	-16.08	3	Horizontal	329	2.92
5240MHz	Pass	PK	15.72668G	59.65	74.00	-14.35	3	Horizontal	68	1.23
5260MHz	Pass	AV	5.1478G	46.22	54.00	-7.78	3	Horizontal	342	1.00
5260MHz	Pass	AV	5.257G	104.19	Inf	-Inf	3	Horizontal	342	1.00
5260MHz	Pass	AV	5.3824G	47.10	54.00	-6.90	3	Horizontal	342	1.00
5260MHz	Pass	PK	5.119G	58.91	74.00	-15.09	3	Horizontal	342	1.00
5260MHz	Pass	PK	5.257G	112.78	Inf	-Inf	3	Horizontal	342	1.00
5260MHz	Pass	PK	5.3554G	60.21	74.00	-13.79	3	Horizontal	342	1.00
5260MHz	Pass	AV	15.77584G	47.46	54.00	-6.54	3	Vertical	164	2.31
5260MHz	Pass	PK	10.52452G	54.21	68.20	-13.99	3	Vertical	255	2.96
5260MHz	Pass	PK	15.78668G	61.99	74.00	-12.01	3	Vertical	164	2.31
5260MHz	Pass	AV	15.77588G	45.42	54.00	-8.58	3	Horizontal	65	1.16

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	PK	10.52324G	52.40	68.20	-15.80	3	Horizontal	61	1.10
5260MHz	Pass	PK	15.78652G	59.61	74.00	-14.39	3	Horizontal	65	1.16
5300MHz	Pass	AV	5.3032G	104.05	Inf	-Inf	3	Horizontal	341	1.11
5300MHz	Pass	AV	5.35G	52.39	54.00	-1.61	3	Horizontal	341	1.11
5300MHz	Pass	PK	5.304G	112.21	Inf	-Inf	3	Horizontal	341	1.11
5300MHz	Pass	PK	5.35G	67.54	74.00	-6.46	3	Horizontal	341	1.11
5300MHz	Pass	AV	15.89584G	48.53	54.00	-5.47	3	Vertical	163	2.39
5300MHz	Pass	PK	10.59656G	52.23	68.20	-15.97	3	Vertical	310	1.75
5300MHz	Pass	PK	15.90656G	63.04	74.00	-10.96	3	Vertical	163	2.39
5300MHz	Pass	AV	15.8958G	45.60	54.00	-8.40	3	Horizontal	64	1.14
5300MHz	Pass	PK	10.5964G	52.51	68.20	-15.69	3	Horizontal	189	2.43
5300MHz	Pass	PK	15.89556G	59.70	74.00	-14.30	3	Horizontal	64	1.14
5320MHz	Pass	AV	5.3168G	100.42	Inf	-Inf	3	Horizontal	340	1.08
5320MHz	Pass	AV	5.35G	52.37	54.00	-1.63	3	Horizontal	340	1.08
5320MHz	Pass	PK	5.317G	109.58	Inf	-Inf	3	Horizontal	340	1.08
5320MHz	Pass	PK	5.3514G	69.19	74.00	-4.81	3	Horizontal	340	1.08
5320MHz	Pass	AV	10.65458G	39.84	54.00	-14.16	3	Vertical	170	1.50
5320MHz	Pass	AV	15.9633G	44.42	54.00	-9.58	3	Vertical	154	2.33
5320MHz	Pass	PK	10.64576G	52.18	74.00	-21.82	3	Vertical	170	1.50
5320MHz	Pass	PK	15.95586G	57.54	74.00	-16.46	3	Vertical	154	2.33
5320MHz	Pass	AV	10.65068G	39.82	54.00	-14.18	3	Horizontal	302	2.12
5320MHz	Pass	AV	15.96234G	43.04	54.00	-10.96	3	Horizontal	52	1.25
5320MHz	Pass	PK	10.65224G	52.33	74.00	-21.67	3	Horizontal	302	2.12
5320MHz	Pass	PK	15.95568G	55.16	74.00	-18.84	3	Horizontal	52	1.25
5500MHz	Pass	AV	5.46G	47.81	54.00	-6.19	3	Horizontal	342	1.10
5500MHz	Pass	AV	5.4968G	101.51	Inf	-Inf	3	Horizontal	342	1.10
5500MHz	Pass	PK	5.4538G	62.74	74.00	-11.26	3	Horizontal	342	1.10
5500MHz	Pass	PK	5.467G	66.84	68.20	-1.36	3	Horizontal	342	1.10
5500MHz	Pass	PK	5.497G	110.64	Inf	-Inf	3	Horizontal	342	1.10
5500MHz	Pass	AV	10.99982G	39.60	54.00	-14.40	3	Vertical	272	3.00
5500MHz	Pass	PK	10.98596G	52.80	74.00	-21.20	3	Vertical	272	3.00
5500MHz	Pass	PK	16.5012G	55.91	68.20	-12.29	3	Vertical	156	2.72
5500MHz	Pass	AV	10.9856G	39.36	54.00	-14.64	3	Horizontal	274	3.00
5500MHz	Pass	PK	11.01356G	52.04	74.00	-21.96	3	Horizontal	274	3.00
5500MHz	Pass	PK	16.48878G	55.15	68.20	-13.05	3	Horizontal	240	2.81
5580MHz	Pass	AV	5.457G	46.85	54.00	-7.15	3	Horizontal	343	1.05
5580MHz	Pass	AV	5.5746G	103.01	Inf	-Inf	3	Horizontal	343	1.05
5580MHz	Pass	PK	5.4516G	59.17	74.00	-14.83	3	Horizontal	343	1.05
5580MHz	Pass	PK	5.4612G	58.91	68.20	-9.29	3	Horizontal	343	1.05
5580MHz	Pass	PK	5.577G	111.56	Inf	-Inf	3	Horizontal	343	1.05
5580MHz	Pass	PK	5.7276G	59.26	68.20	-8.94	3	Horizontal	343	1.05
5580MHz	Pass	AV	11.16024G	40.44	54.00	-13.56	3	Vertical	134	1.18
5580MHz	Pass	PK	11.17404G	52.78	74.00	-21.22	3	Vertical	134	1.18
5580MHz	Pass	PK	16.74576G	58.78	68.20	-9.42	3	Vertical	157	2.32
5580MHz	Pass	AV	11.16G	40.37	54.00	-13.63	3	Horizontal	352	3.00
5580MHz	Pass	PK	11.14674G	53.40	74.00	-20.60	3	Horizontal	352	3.00
5580MHz	Pass	PK	16.73688G	55.40	68.20	-12.80	3	Horizontal	314	1.14
5700MHz	Pass	AV	5.6968G	97.85	Inf	-Inf	3	Horizontal	353	1.01
5700MHz	Pass	PK	5.6968G	107.16	Inf	-Inf	3	Horizontal	353	1.01
5700MHz	Pass	PK	5.7252G	65.90	68.20	-2.30	3	Horizontal	353	1.01
5700MHz	Pass	AV	11.39994G	39.87	54.00	-14.13	3	Vertical	52	3.00
5700MHz	Pass	PK	11.39046G	51.84	74.00	-22.16	3	Vertical	52	3.00
5700MHz	Pass	PK	17.08938G	55.23	68.20	-12.97	3	Vertical	0	1.50
5700MHz	Pass	AV	11.40684G	39.79	54.00	-14.21	3	Horizontal	348	1.50
5700MHz	Pass	PK	11.40042G	51.86	74.00	-22.14	3	Horizontal	348	1.50
5700MHz	Pass	PK	17.08704G	55.87	68.20	-12.33	3	Horizontal	192	1.50
5720MHz	Pass	AV	5.456G	46.49	54.00	-7.51	3	Horizontal	352	1.00
5720MHz	Pass	AV	5.7164G	102.45	Inf	-Inf	3	Horizontal	352	1.00
5720MHz	Pass	PK	5.4236G	58.83	74.00	-15.17	3	Horizontal	352	1.00
5720MHz	Pass	PK	5.4656G	58.26	68.20	-9.94	3	Horizontal	352	1.00
5720MHz	Pass	PK	5.7164G	110.97	Inf	-Inf	3	Horizontal	352	1.00
5720MHz	Pass	PK	5.9048G	60.51	68.20	-7.69	3	Horizontal	352	1.00

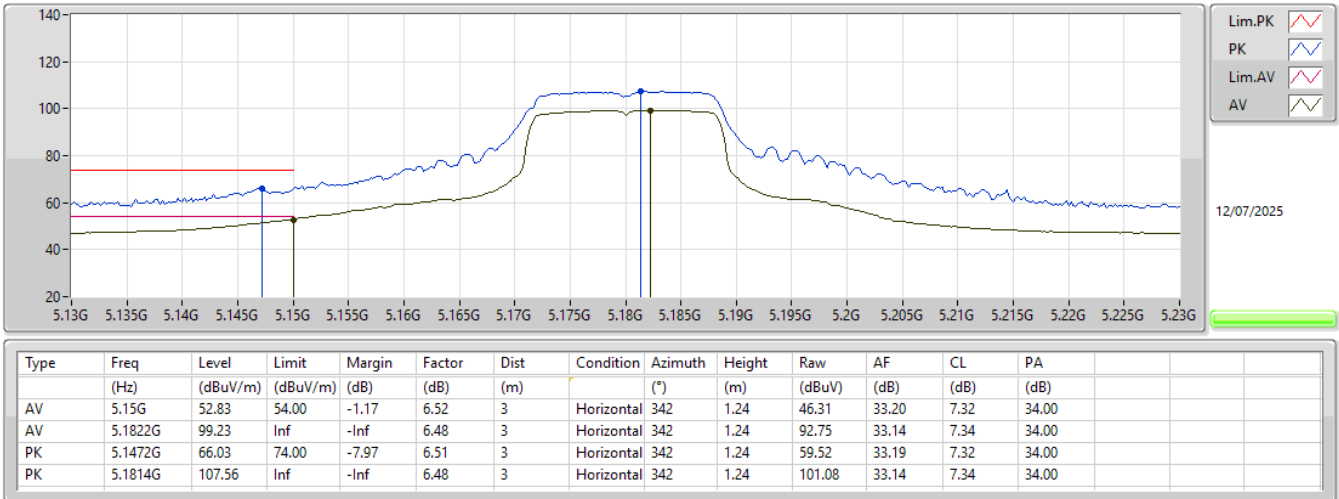
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5720MHz	Pass	AV	11.45422G	39.88	54.00	-14.12	3	Vertical	31	1.42
5720MHz	Pass	PK	11.43436G	52.37	74.00	-21.63	3	Vertical	31	1.42
5720MHz	Pass	PK	17.1669G	61.05	68.20	-7.15	3	Vertical	159	2.24
5720MHz	Pass	AV	11.4538G	39.86	54.00	-14.14	3	Horizontal	130	2.00
5720MHz	Pass	PK	11.43868G	52.05	74.00	-21.95	3	Horizontal	130	2.00
5720MHz	Pass	PK	17.14884G	56.53	68.20	-11.67	3	Horizontal	13	1.10
5745MHz	Pass	AV	5.4462G	46.58	54.00	-7.42	3	Horizontal	345	1.05
5745MHz	Pass	AV	5.7414G	101.90	Inf	-Inf	3	Horizontal	345	1.05
5745MHz	Pass	PK	5.4786G	59.36	68.20	-8.84	3	Horizontal	345	1.05
5745MHz	Pass	PK	5.7414G	110.40	Inf	-Inf	3	Horizontal	345	1.05
5745MHz	Pass	PK	5.9514G	60.88	68.20	-7.32	3	Horizontal	345	1.05
5745MHz	Pass	AV	11.48754G	40.21	54.00	-13.79	3	Vertical	329	2.67
5745MHz	Pass	PK	11.48964G	52.67	74.00	-21.33	3	Vertical	329	2.67
5745MHz	Pass	PK	17.22852G	60.05	68.20	-8.15	3	Vertical	159	2.30
5745MHz	Pass	AV	11.50326G	40.21	54.00	-13.79	3	Horizontal	119	2.00
5745MHz	Pass	PK	11.4936G	52.88	74.00	-21.12	3	Horizontal	119	2.00
5745MHz	Pass	PK	17.22768G	56.07	68.20	-12.13	3	Horizontal	334	1.50
5785MHz	Pass	AV	5.7886G	101.20	Inf	-Inf	3	Horizontal	345	1.20
5785MHz	Pass	PK	5.5774G	59.26	68.20	-8.94	3	Horizontal	345	1.20
5785MHz	Pass	PK	5.7814G	109.66	Inf	-Inf	3	Horizontal	345	1.20
5785MHz	Pass	PK	5.9326G	60.82	68.20	-7.38	3	Horizontal	345	1.20
5785MHz	Pass	AV	11.56838G	40.11	54.00	-13.89	3	Vertical	27	2.72
5785MHz	Pass	PK	11.57462G	52.18	74.00	-21.82	3	Vertical	27	2.72
5785MHz	Pass	PK	17.35038G	59.36	68.20	-8.84	3	Vertical	157	2.29
5785MHz	Pass	AV	11.56712G	40.13	54.00	-13.87	3	Horizontal	7	2.59
5785MHz	Pass	PK	11.55974G	52.39	74.00	-21.61	3	Horizontal	7	2.59
5785MHz	Pass	PK	17.36304G	56.09	68.20	-12.11	3	Horizontal	13	1.05
5825MHz	Pass	AV	5.8298G	100.43	Inf	-Inf	3	Horizontal	350	1.04
5825MHz	Pass	PK	5.6306G	59.12	68.20	-9.08	3	Horizontal	350	1.04
5825MHz	Pass	PK	5.8214G	108.43	Inf	-Inf	3	Horizontal	350	1.04
5825MHz	Pass	PK	5.9414G	60.76	68.20	-7.44	3	Horizontal	350	1.04
5825MHz	Pass	AV	11.64916G	39.80	54.00	-14.20	3	Vertical	323	1.00
5825MHz	Pass	PK	11.63512G	51.88	74.00	-22.12	3	Vertical	323	1.00
5825MHz	Pass	PK	17.4819G	58.87	68.20	-9.33	3	Vertical	160	2.66
5825MHz	Pass	AV	11.6494G	39.78	54.00	-14.22	3	Horizontal	353	1.50
5825MHz	Pass	PK	11.6569G	51.97	74.00	-22.03	3	Horizontal	353	1.50
5825MHz	Pass	PK	17.47848G	55.84	68.20	-12.36	3	Horizontal	3	1.16
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	52.22	54.00	-1.78	3	Horizontal	342	1.23
5190MHz	Pass	AV	5.1856G	93.99	Inf	-Inf	3	Horizontal	342	1.23
5190MHz	Pass	PK	5.1472G	66.83	74.00	-7.17	3	Horizontal	342	1.23
5190MHz	Pass	PK	5.1832G	103.29	Inf	-Inf	3	Horizontal	342	1.23
5190MHz	Pass	AV	15.58332G	42.97	54.00	-11.03	3	Vertical	190	1.50
5190MHz	Pass	PK	10.38102G	51.09	68.20	-17.11	3	Vertical	268	2.10
5190MHz	Pass	PK	15.5835G	55.77	74.00	-18.23	3	Vertical	190	1.50
5190MHz	Pass	AV	15.58464G	42.99	54.00	-11.01	3	Horizontal	44	2.02
5190MHz	Pass	PK	10.36878G	51.43	68.20	-16.77	3	Horizontal	195	1.23
5190MHz	Pass	PK	15.57468G	55.64	74.00	-18.36	3	Horizontal	44	2.02
5230MHz	Pass	AV	5.15G	52.90	54.00	-1.10	3	Horizontal	340	1.03
5230MHz	Pass	AV	5.2256G	99.93	Inf	-Inf	3	Horizontal	340	1.03
5230MHz	Pass	PK	5.1492G	65.43	74.00	-8.57	3	Horizontal	340	1.03
5230MHz	Pass	PK	5.2232G	109.27	Inf	-Inf	3	Horizontal	340	1.03
5230MHz	Pass	AV	15.68532G	44.44	54.00	-9.56	3	Vertical	158	2.25
5230MHz	Pass	PK	10.47158G	53.31	68.20	-14.89	3	Vertical	247	2.42
5230MHz	Pass	PK	15.68934G	56.97	74.00	-17.03	3	Vertical	158	2.25
5230MHz	Pass	AV	15.68556G	44.01	54.00	-9.99	3	Horizontal	69	1.18
5230MHz	Pass	PK	10.44824G	52.34	68.20	-15.86	3	Horizontal	255	1.50
5230MHz	Pass	PK	15.69G	57.20	74.00	-16.80	3	Horizontal	69	1.18
5270MHz	Pass	AV	5.2644G	99.98	Inf	-Inf	3	Horizontal	340	1.18
5270MHz	Pass	AV	5.35G	52.77	54.00	-1.23	3	Horizontal	340	1.18
5270MHz	Pass	PK	5.2632G	109.53	Inf	-Inf	3	Horizontal	340	1.18
5270MHz	Pass	PK	5.354G	65.97	74.00	-8.03	3	Horizontal	340	1.18

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5270MHz	Pass	AV	15.81366G	45.11	54.00	-8.89	3	Vertical	156	2.32
5270MHz	Pass	PK	10.5538G	52.41	68.20	-15.79	3	Vertical	245	3.00
5270MHz	Pass	PK	15.8079G	57.57	74.00	-16.43	3	Vertical	156	2.32
5270MHz	Pass	AV	15.8136G	43.23	54.00	-10.77	3	Horizontal	55	1.31
5270MHz	Pass	PK	10.55476G	52.43	68.20	-15.77	3	Horizontal	12	1.95
5270MHz	Pass	PK	15.81414G	55.39	74.00	-18.61	3	Horizontal	55	1.31
5310MHz	Pass	AV	5.3044G	94.96	Inf	-Inf	3	Horizontal	341	1.12
5310MHz	Pass	AV	5.35G	52.66	54.00	-1.34	3	Horizontal	341	1.12
5310MHz	Pass	PK	5.3032G	104.21	Inf	-Inf	3	Horizontal	341	1.12
5310MHz	Pass	PK	5.3512G	68.00	74.00	-6.00	3	Horizontal	341	1.12
5310MHz	Pass	AV	10.61754G	40.01	54.00	-13.99	3	Vertical	244	1.50
5310MHz	Pass	AV	15.9369G	42.18	54.00	-11.82	3	Vertical	300	1.50
5310MHz	Pass	PK	10.62462G	52.60	74.00	-21.40	3	Vertical	244	1.50
5310MHz	Pass	PK	15.91938G	55.48	74.00	-18.52	3	Vertical	300	1.50
5310MHz	Pass	AV	10.61556G	39.98	54.00	-14.02	3	Horizontal	275	2.35
5310MHz	Pass	AV	15.93708G	42.22	54.00	-11.78	3	Horizontal	194	1.50
5310MHz	Pass	PK	10.60698G	52.38	74.00	-21.62	3	Horizontal	275	2.35
5310MHz	Pass	PK	15.93522G	54.84	74.00	-19.16	3	Horizontal	194	1.50
5510MHz	Pass	AV	5.46G	48.02	54.00	-5.98	3	Horizontal	342	1.06
5510MHz	Pass	AV	5.5132G	95.66	Inf	-Inf	3	Horizontal	342	1.06
5510MHz	Pass	PK	5.4584G	60.01	74.00	-13.99	3	Horizontal	342	1.06
5510MHz	Pass	PK	5.47G	66.51	68.20	-1.69	3	Horizontal	342	1.06
5510MHz	Pass	PK	5.5168G	105.04	Inf	-Inf	3	Horizontal	342	1.06
5510MHz	Pass	AV	11.01142G	39.62	54.00	-14.38	3	Vertical	170	1.50
5510MHz	Pass	PK	11.02012G	52.21	74.00	-21.79	3	Vertical	170	1.50
5510MHz	Pass	PK	16.52688G	55.24	68.20	-12.96	3	Vertical	50	2.83
5510MHz	Pass	AV	11.01076G	39.61	54.00	-14.39	3	Horizontal	223	1.50
5510MHz	Pass	PK	11.01202G	51.93	74.00	-22.07	3	Horizontal	223	1.50
5510MHz	Pass	PK	16.52448G	54.26	68.20	-13.94	3	Horizontal	270	1.50
5550MHz	Pass	AV	5.46G	47.99	54.00	-6.01	3	Horizontal	344	1.14
5550MHz	Pass	AV	5.5456G	100.69	Inf	-Inf	3	Horizontal	344	1.14
5550MHz	Pass	PK	5.4572G	60.19	74.00	-13.81	3	Horizontal	344	1.14
5550MHz	Pass	PK	5.4688G	62.47	68.20	-5.73	3	Horizontal	344	1.14
5550MHz	Pass	PK	5.5432G	110.17	Inf	-Inf	3	Horizontal	344	1.14
5550MHz	Pass	AV	11.09526G	39.83	54.00	-14.17	3	Vertical	132	1.50
5550MHz	Pass	PK	11.08584G	52.99	74.00	-21.01	3	Vertical	132	1.50
5550MHz	Pass	PK	16.64976G	57.60	68.20	-10.60	3	Vertical	155	2.30
5550MHz	Pass	AV	11.1G	39.92	54.00	-14.08	3	Horizontal	343	2.95
5550MHz	Pass	PK	11.10996G	52.51	74.00	-21.49	3	Horizontal	343	2.95
5550MHz	Pass	PK	16.64646G	55.56	68.20	-12.64	3	Horizontal	195	1.50
5670MHz	Pass	AV	5.6718G	97.58	Inf	-Inf	3	Horizontal	349	1.06
5670MHz	Pass	PK	5.6772G	106.31	Inf	-Inf	3	Horizontal	349	1.06
5670MHz	Pass	PK	5.7252G	67.09	68.20	-1.11	3	Horizontal	349	1.06
5670MHz	Pass	AV	11.33022G	39.56	54.00	-14.44	3	Vertical	236	1.50
5670MHz	Pass	PK	11.33598G	51.44	74.00	-22.56	3	Vertical	236	1.50
5670MHz	Pass	PK	17.01738G	55.48	68.20	-12.72	3	Vertical	355	2.11
5670MHz	Pass	AV	11.34324G	39.57	54.00	-14.43	3	Horizontal	55	1.50
5670MHz	Pass	PK	11.34126G	52.15	74.00	-21.85	3	Horizontal	55	1.50
5670MHz	Pass	PK	17.00472G	55.83	68.20	-12.37	3	Horizontal	249	1.30
5710MHz	Pass	AV	5.4436G	46.37	54.00	-7.63	3	Horizontal	353	1.24
5710MHz	Pass	AV	5.7064G	98.99	Inf	-Inf	3	Horizontal	353	1.24
5710MHz	Pass	PK	5.44G	59.02	74.00	-14.98	3	Horizontal	353	1.24
5710MHz	Pass	PK	5.4604G	58.22	68.20	-9.98	3	Horizontal	353	1.24
5710MHz	Pass	PK	5.7028G	107.73	Inf	-Inf	3	Horizontal	353	1.24
5710MHz	Pass	PK	5.9548G	60.43	68.20	-7.77	3	Horizontal	353	1.24
5710MHz	Pass	AV	11.41034G	39.72	54.00	-14.28	3	Vertical	232	2.13
5710MHz	Pass	PK	11.43242G	52.35	74.00	-21.65	3	Vertical	232	2.13
5710MHz	Pass	PK	17.1231G	57.63	68.20	-10.57	3	Vertical	161	2.59
5710MHz	Pass	AV	11.4083G	39.70	54.00	-14.30	3	Horizontal	12	1.20
5710MHz	Pass	PK	11.43254G	51.88	74.00	-22.12	3	Horizontal	12	1.20
5710MHz	Pass	PK	17.14008G	55.62	68.20	-12.58	3	Horizontal	14	1.05
5755MHz	Pass	AV	5.4574G	46.60	54.00	-7.40	3	Horizontal	345	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5755MHz	Pass	AV	5.7478G	99.11	Inf	-Inf	3	Horizontal	345	1.00
5755MHz	Pass	PK	5.629G	59.83	68.20	-8.37	3	Horizontal	345	1.00
5755MHz	Pass	PK	5.7478G	108.72	Inf	-Inf	3	Horizontal	345	1.00
5755MHz	Pass	PK	6.055G	60.34	68.20	-7.86	3	Horizontal	345	1.00
5755MHz	Pass	AV	11.50898G	40.12	54.00	-13.88	3	Vertical	181	2.05
5755MHz	Pass	PK	11.52194G	53.47	74.00	-20.53	3	Vertical	181	2.05
5755MHz	Pass	PK	17.27514G	57.24	68.20	-10.96	3	Vertical	158	2.24
5755MHz	Pass	AV	11.50268G	40.17	54.00	-13.83	3	Horizontal	241	1.50
5755MHz	Pass	PK	11.50106G	52.93	74.00	-21.07	3	Horizontal	241	1.50
5755MHz	Pass	PK	17.26134G	55.29	68.20	-12.91	3	Horizontal	340	1.32
5795MHz	Pass	AV	5.7914G	98.47	Inf	-Inf	3	Horizontal	344	1.08
5795MHz	Pass	PK	5.5058G	59.89	68.20	-8.31	3	Horizontal	344	1.08
5795MHz	Pass	PK	5.7878G	107.82	Inf	-Inf	3	Horizontal	344	1.08
5795MHz	Pass	PK	5.9378G	61.26	68.20	-6.94	3	Horizontal	344	1.08
5795MHz	Pass	AV	11.57596G	39.99	54.00	-14.01	3	Vertical	103	1.00
5795MHz	Pass	PK	11.58148G	52.94	74.00	-21.06	3	Vertical	103	1.00
5795MHz	Pass	PK	17.37564G	56.16	68.20	-12.04	3	Vertical	38	2.41
5795MHz	Pass	AV	11.57524G	39.98	54.00	-14.02	3	Horizontal	338	1.65
5795MHz	Pass	PK	11.58496G	52.39	74.00	-21.61	3	Horizontal	338	1.65
5795MHz	Pass	PK	17.38416G	55.59	68.20	-12.61	3	Horizontal	75	1.16

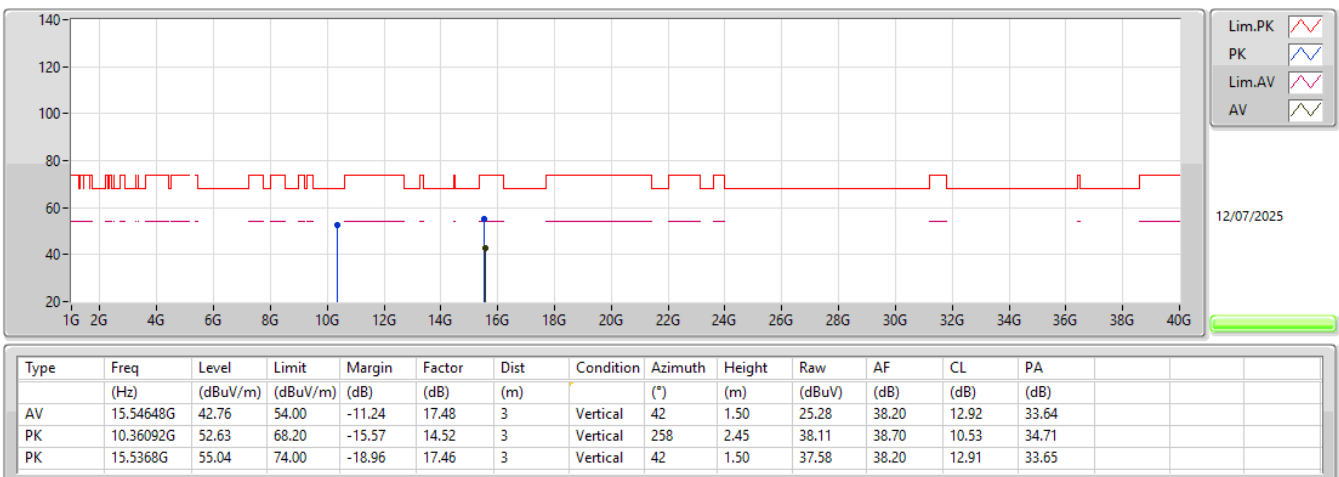
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5180MHz_TX



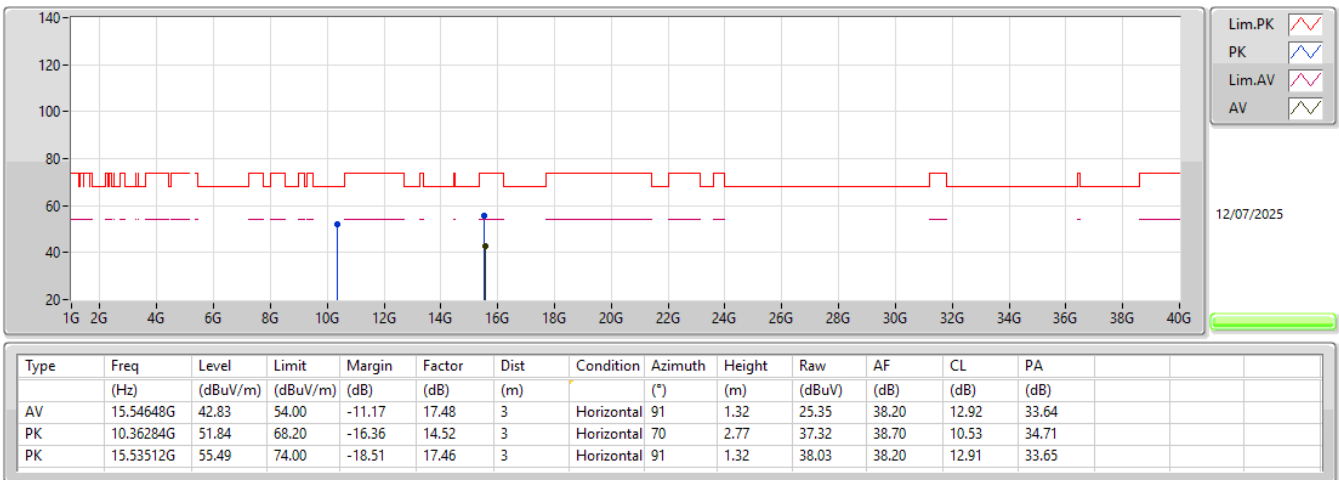
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5180MHz_TX



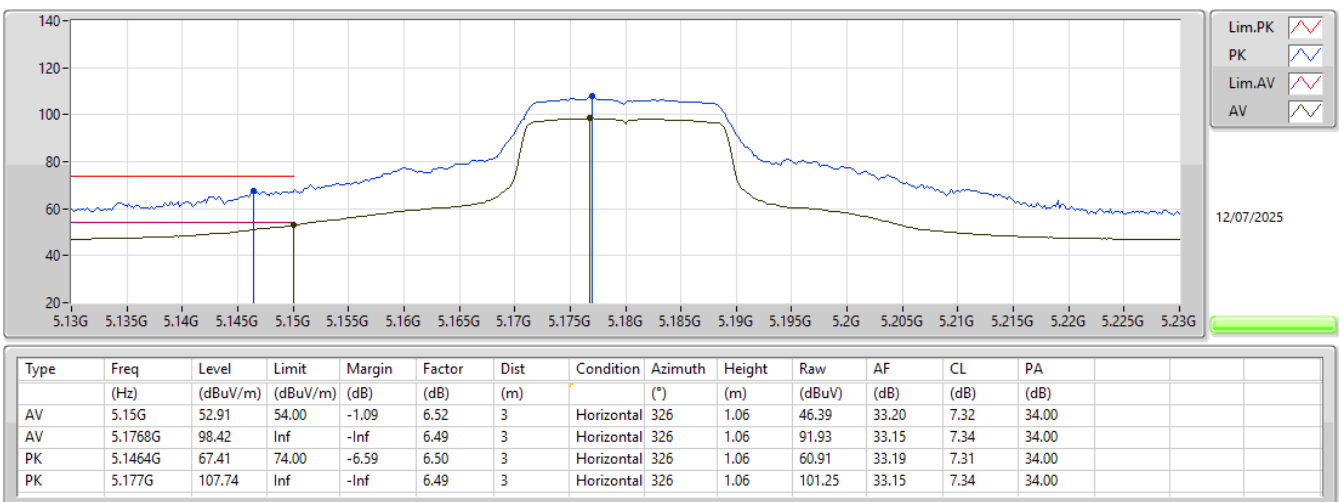
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5180MHz_TX



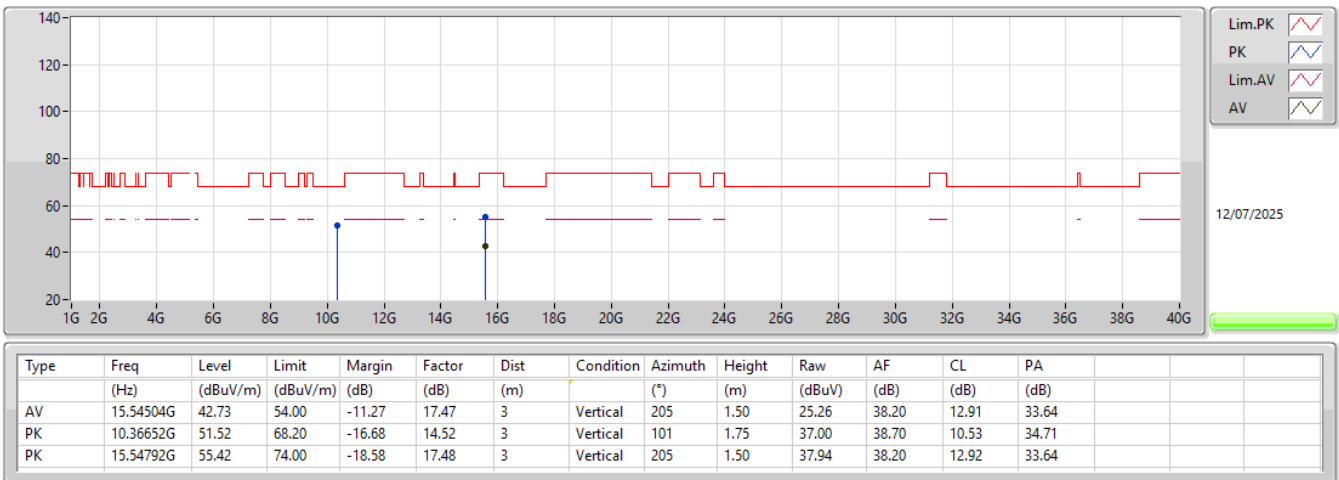
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5180MHz_TX



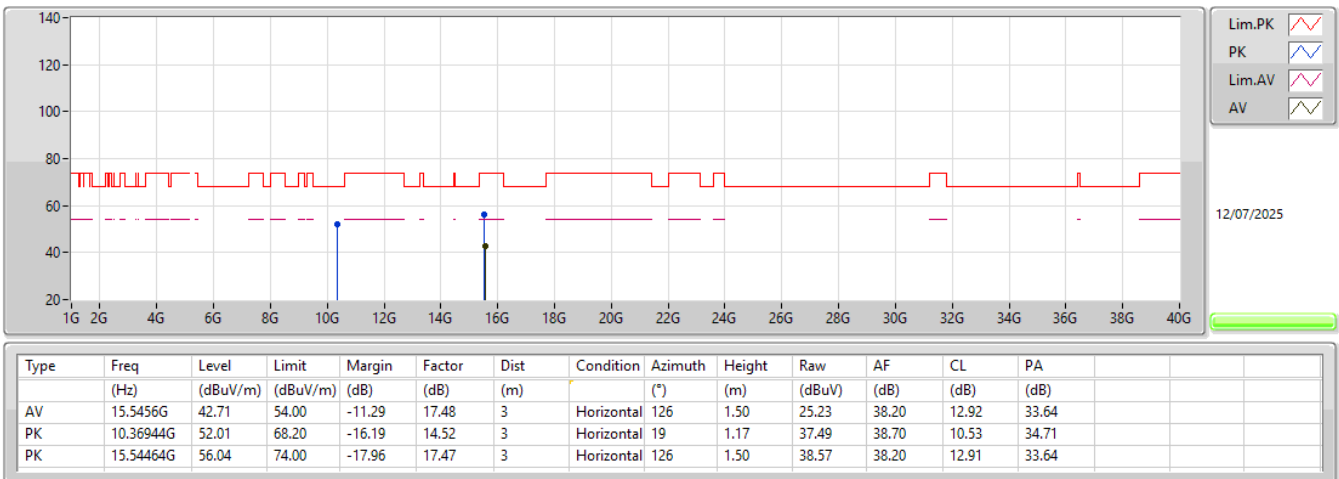
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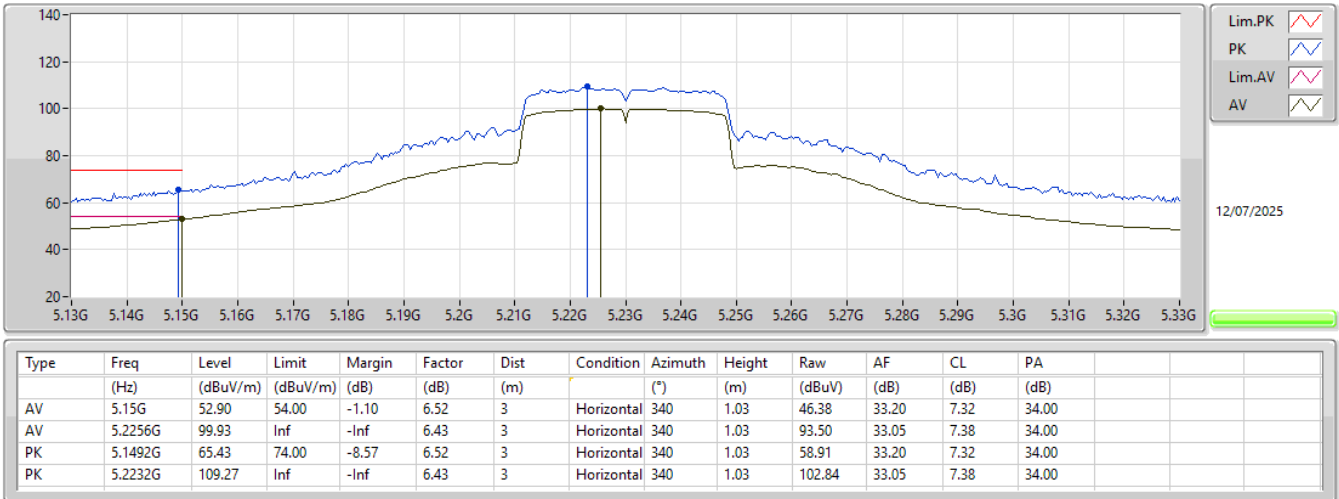
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5180MHz_TX



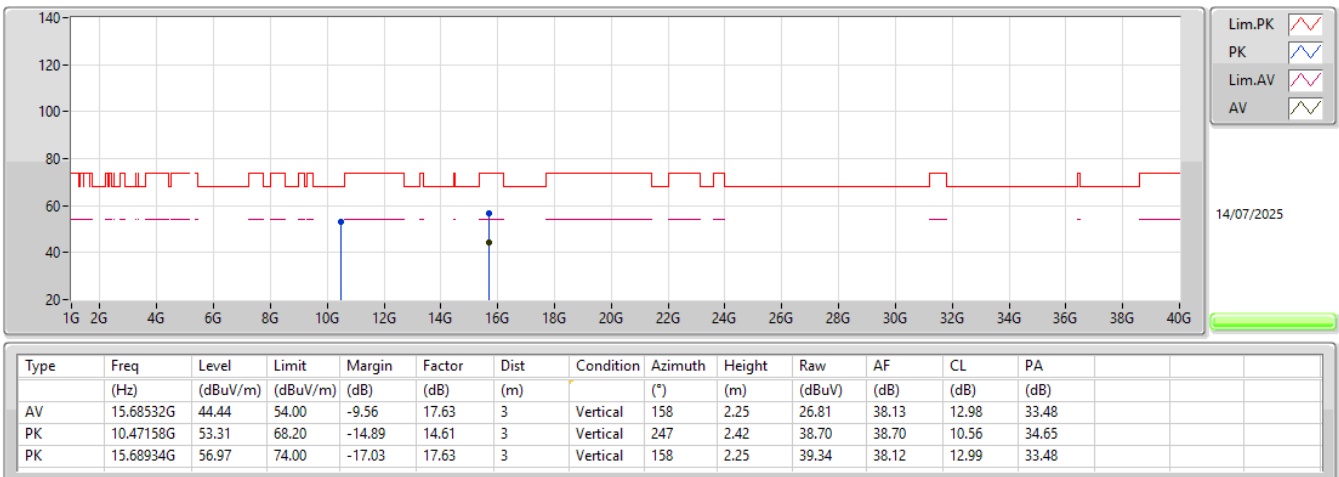
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5230MHz_TX



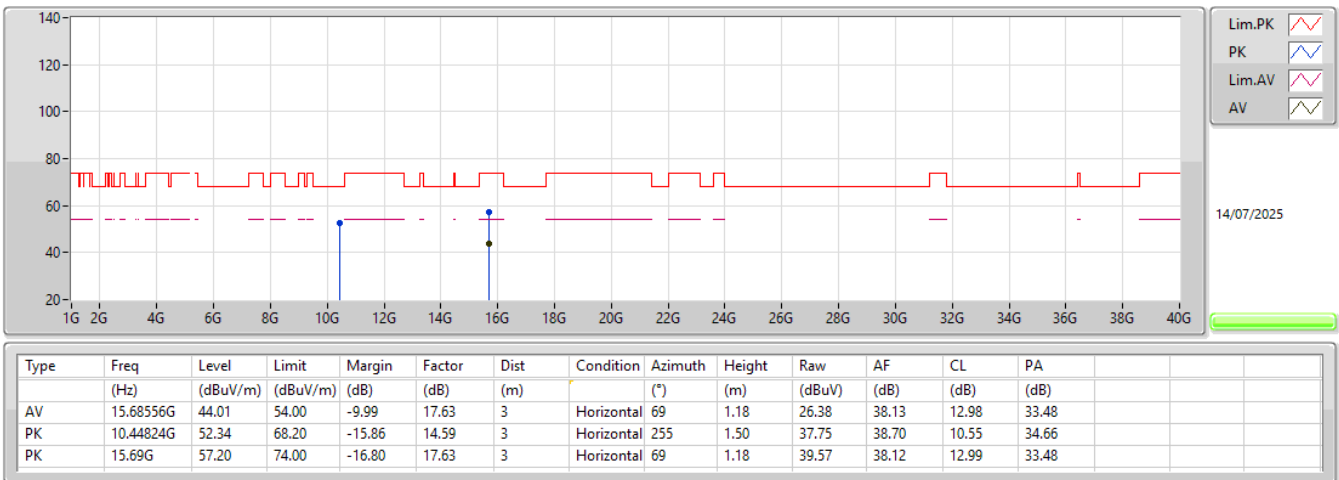
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5230MHz_TX



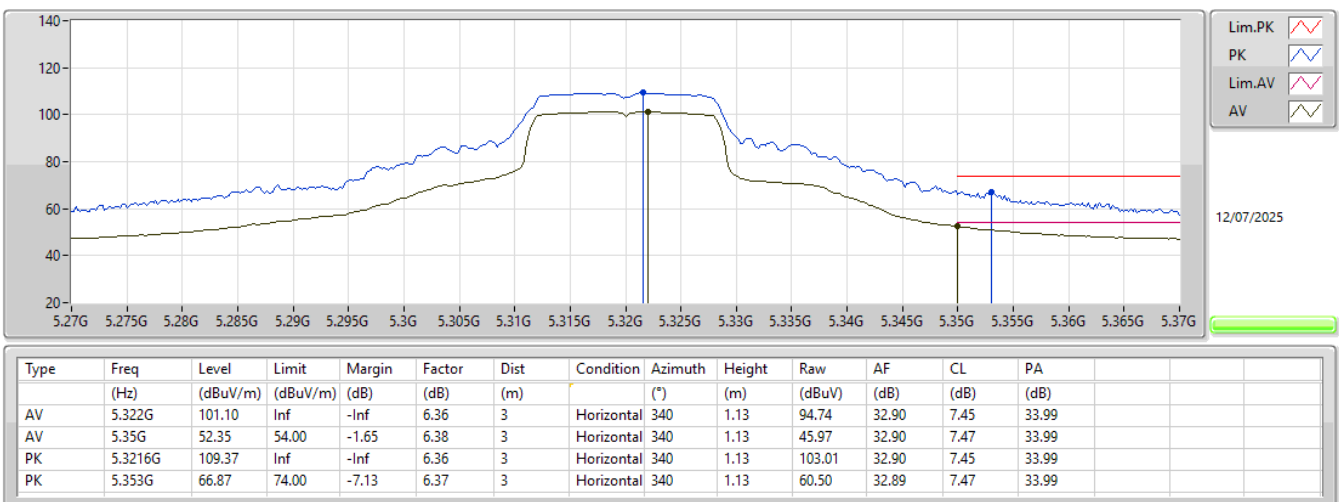
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5230MHz_TX



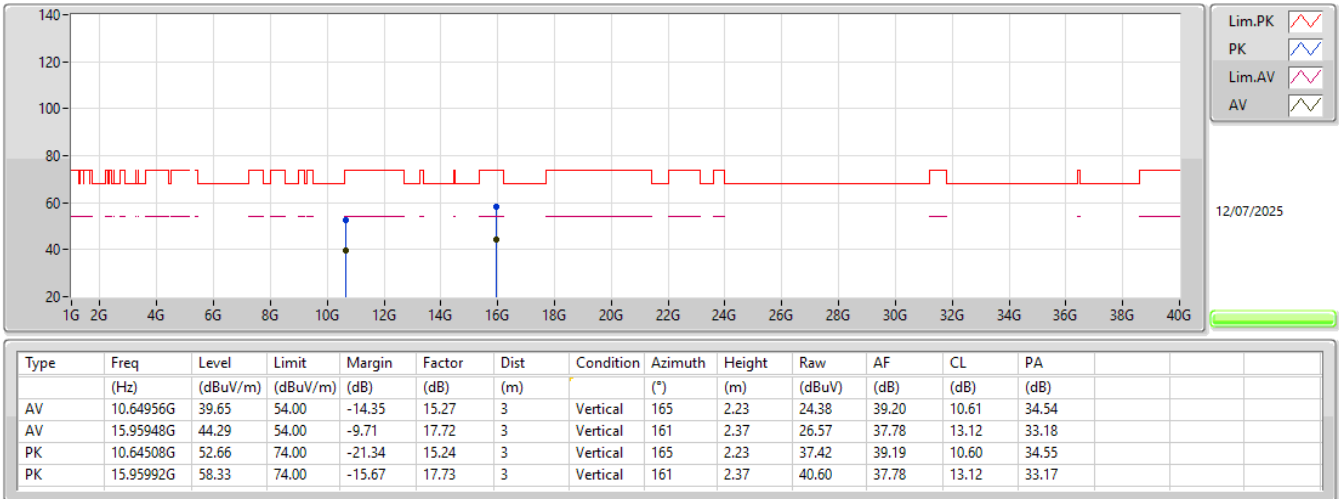
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5320MHz_TX



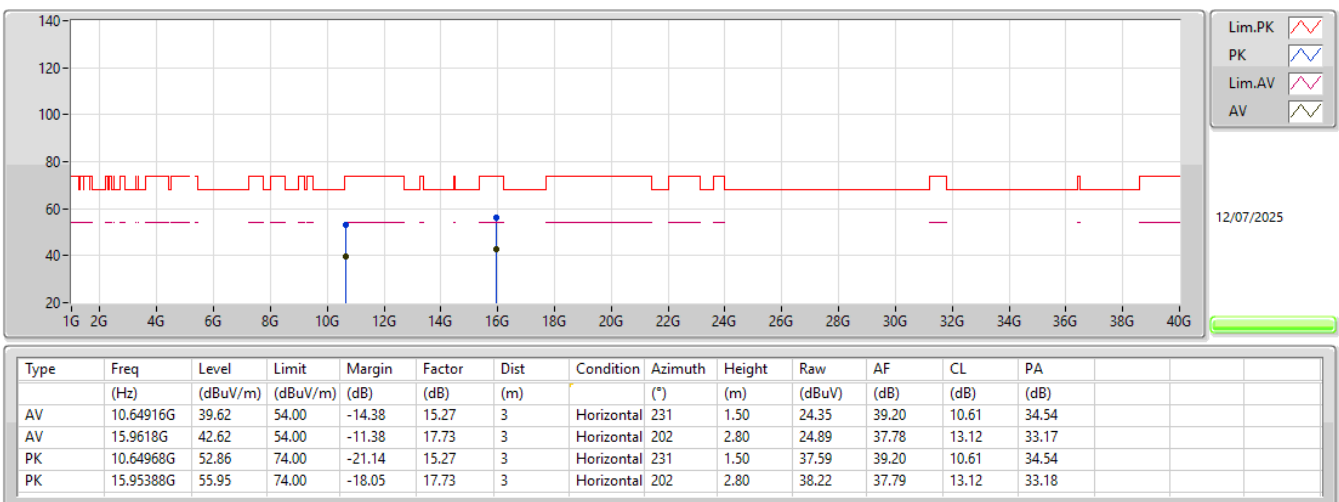
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX



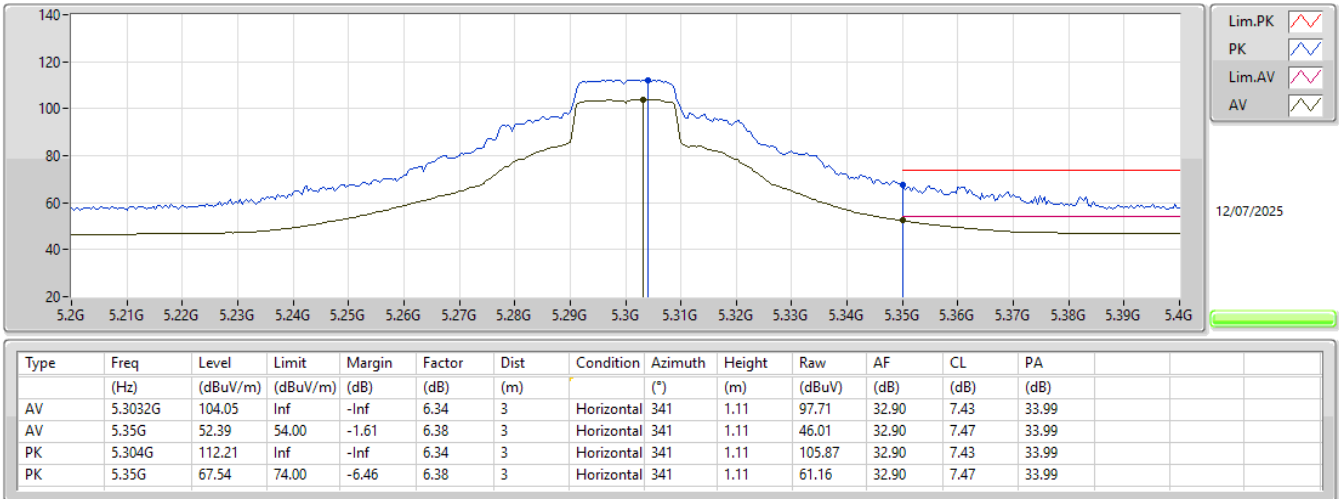
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX



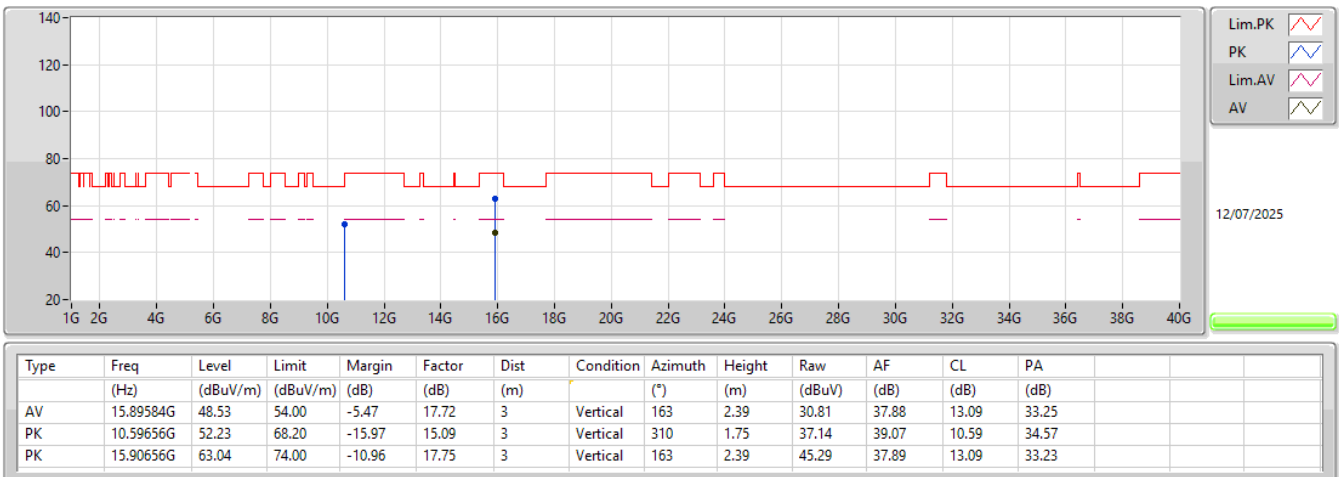
5.25-5.35GHz_802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX



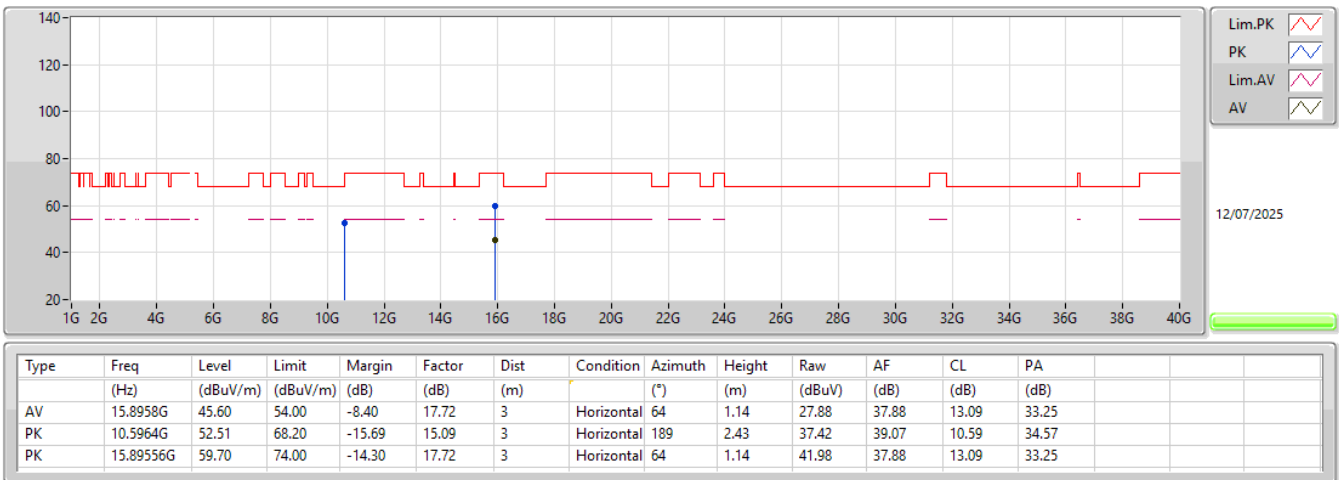
5.25-5.35GHz_802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX



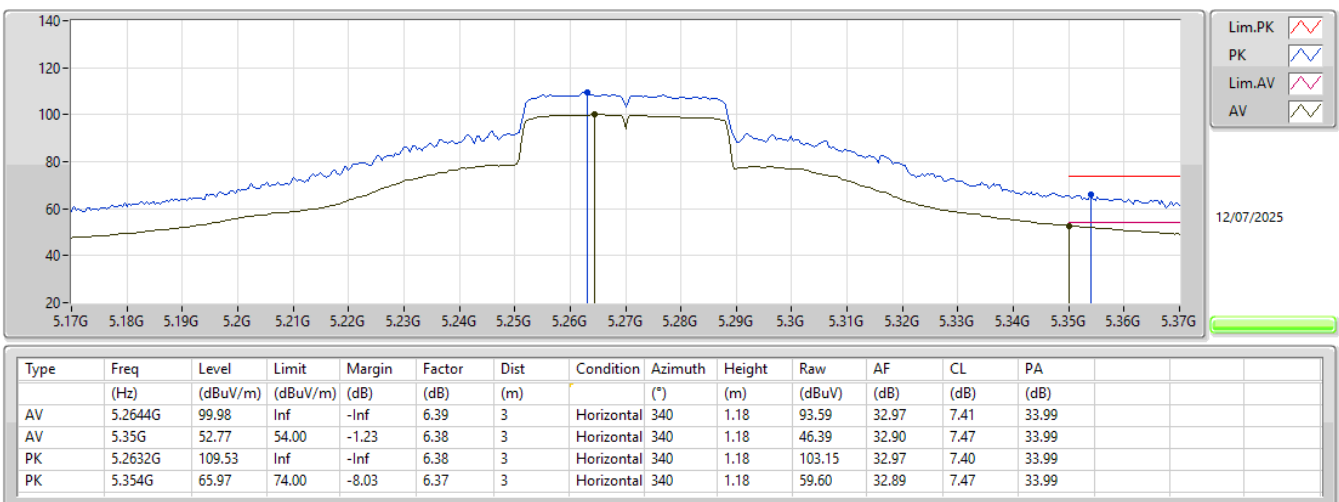
5.25-5.35GHz_802.11n_HT20_Nss1,(MCS0)_1TX

5300MHz_TX



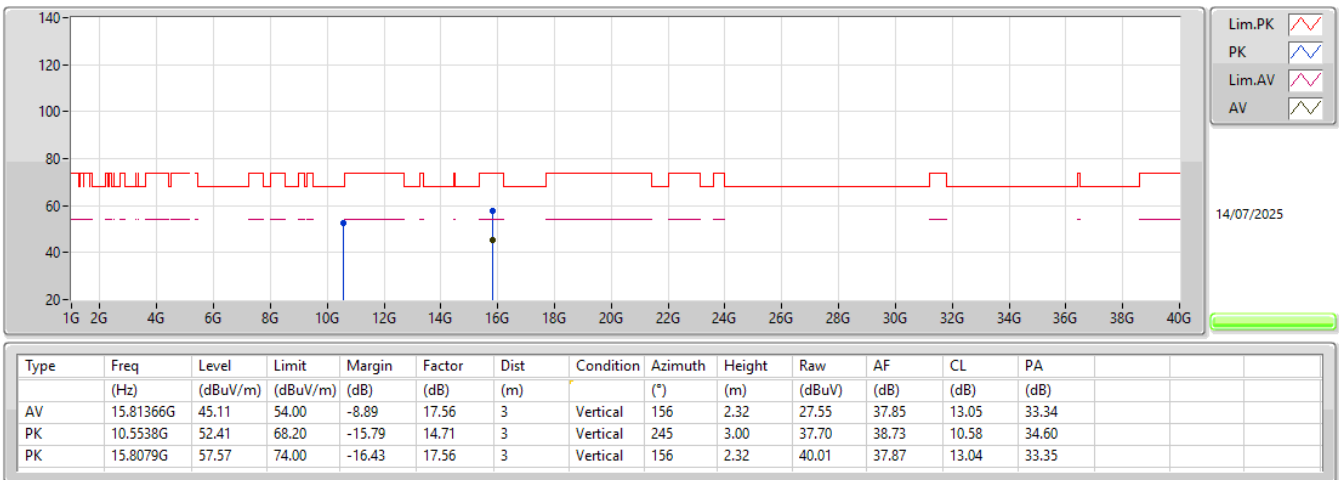
5.25-5.35GHz_802.11n_HT40_Nss1,(MCS0)_1TX

5270MHz_TX



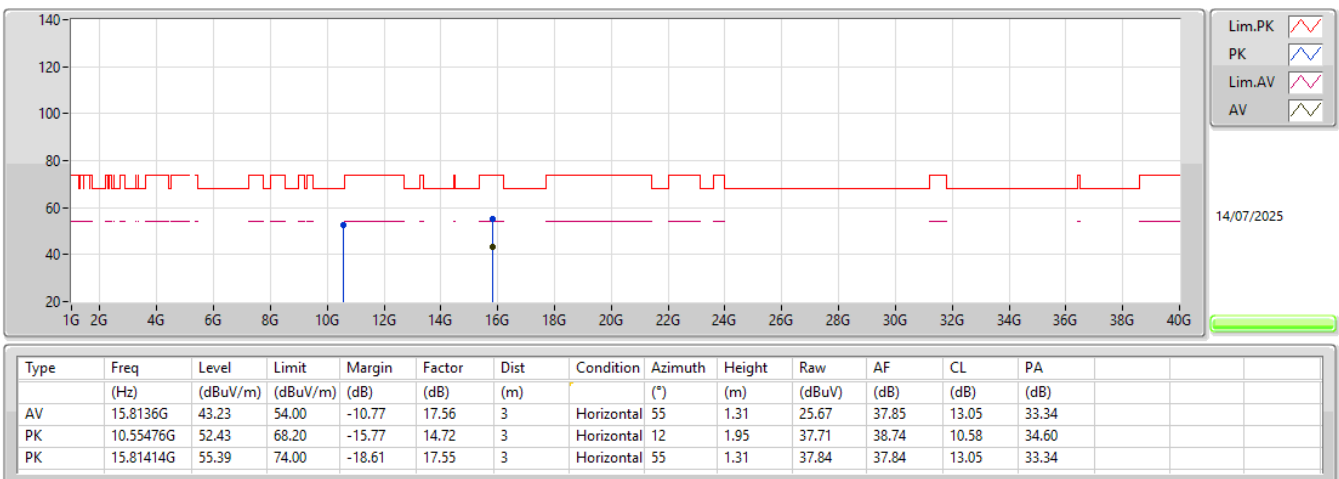
5.25-5.35GHz_802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX



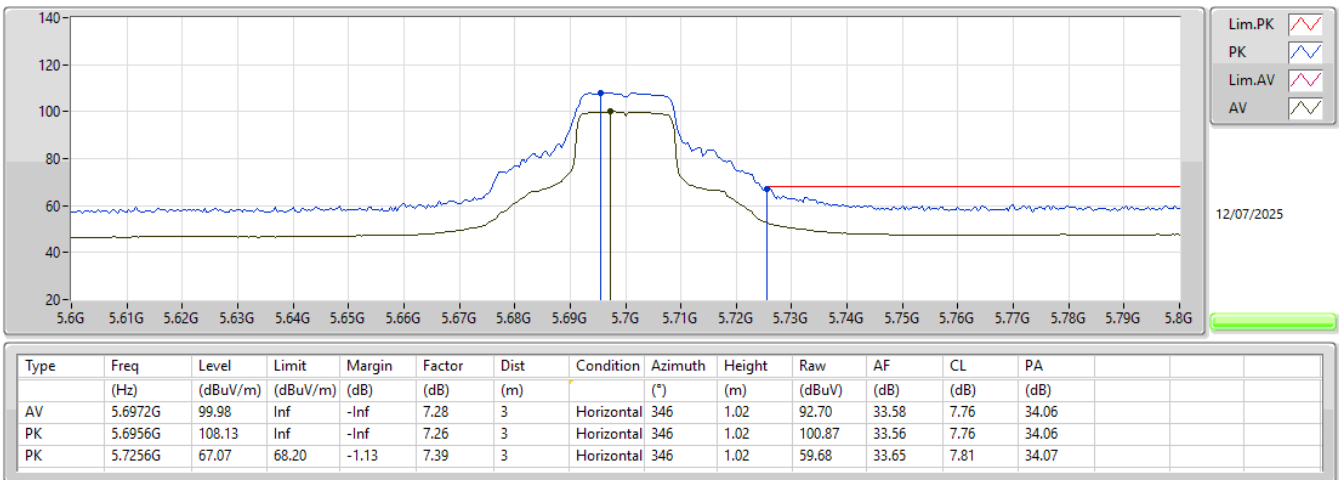
5.25-5.35GHz_802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX



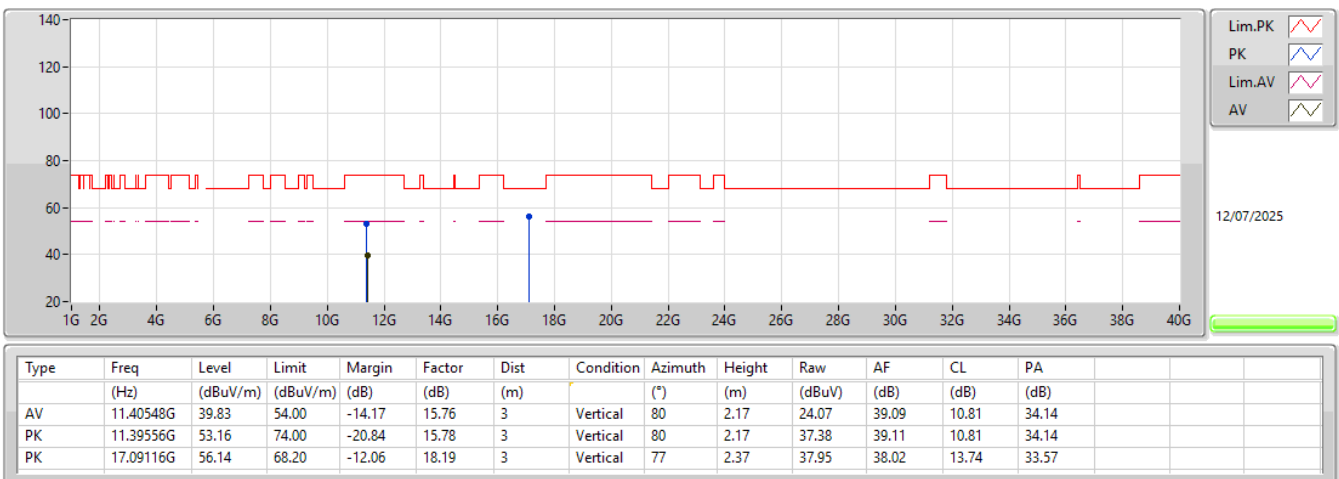
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



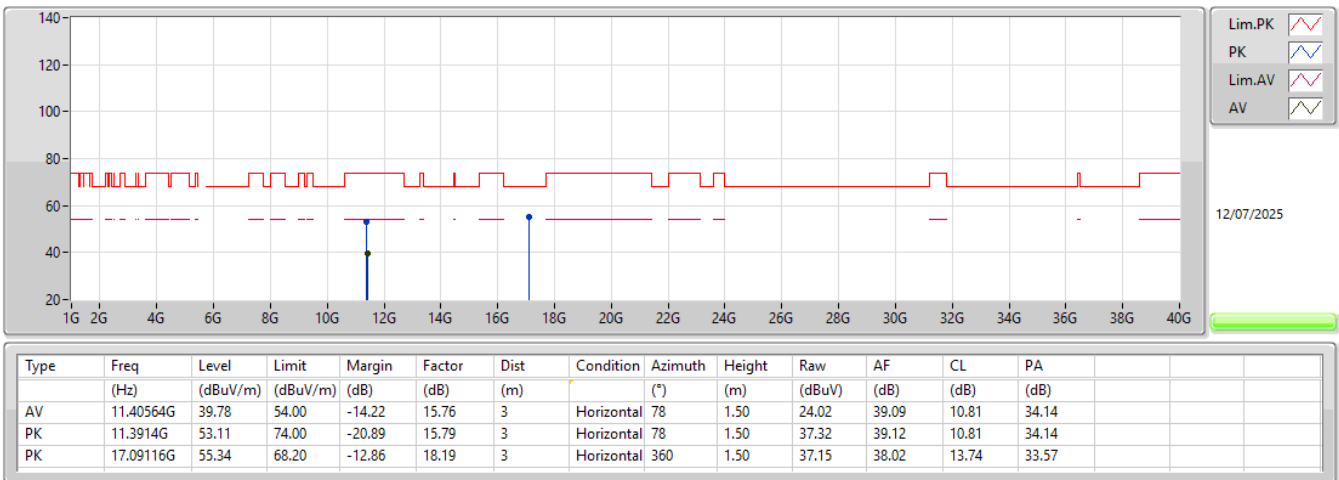
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



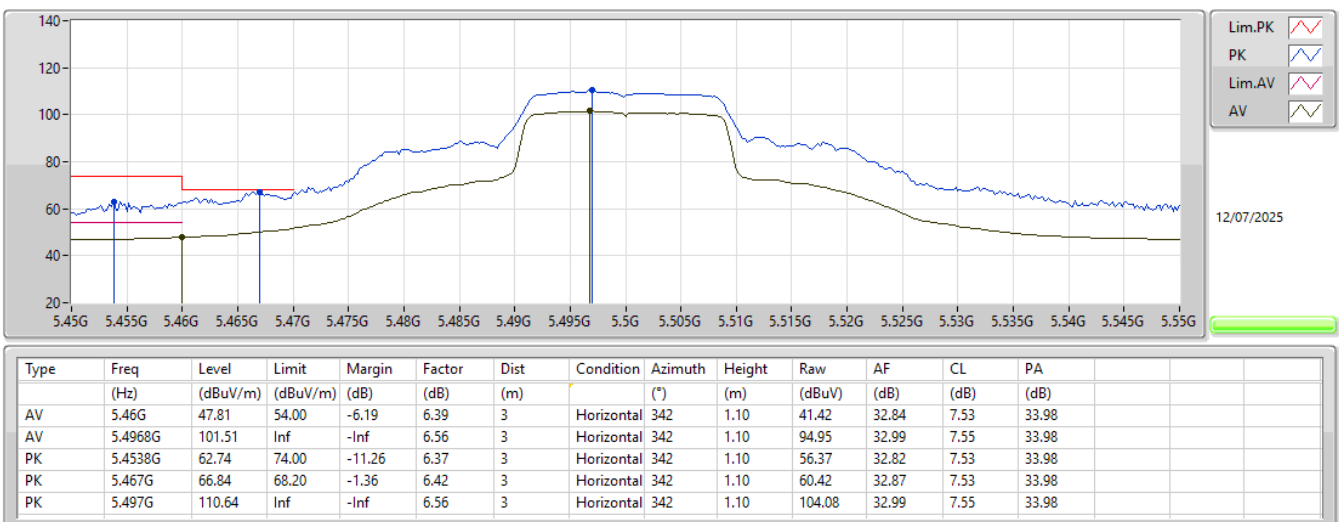
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



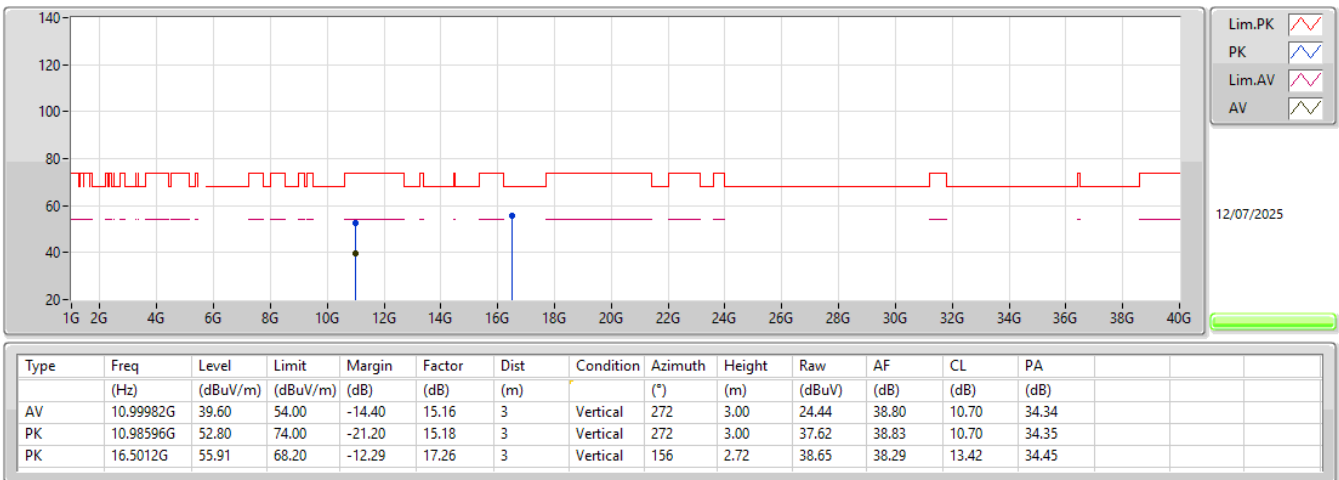
5.47-5.725GHz_802.11n_HT20_Nss1,(MCS0)_1TX

5500MHz_TX



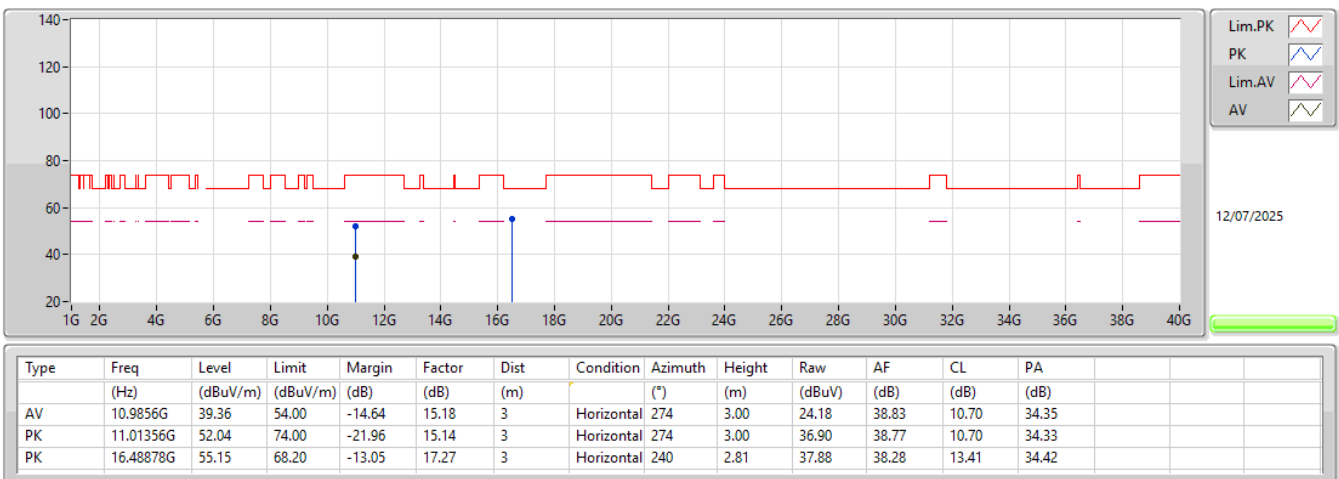
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5500MHz_TX



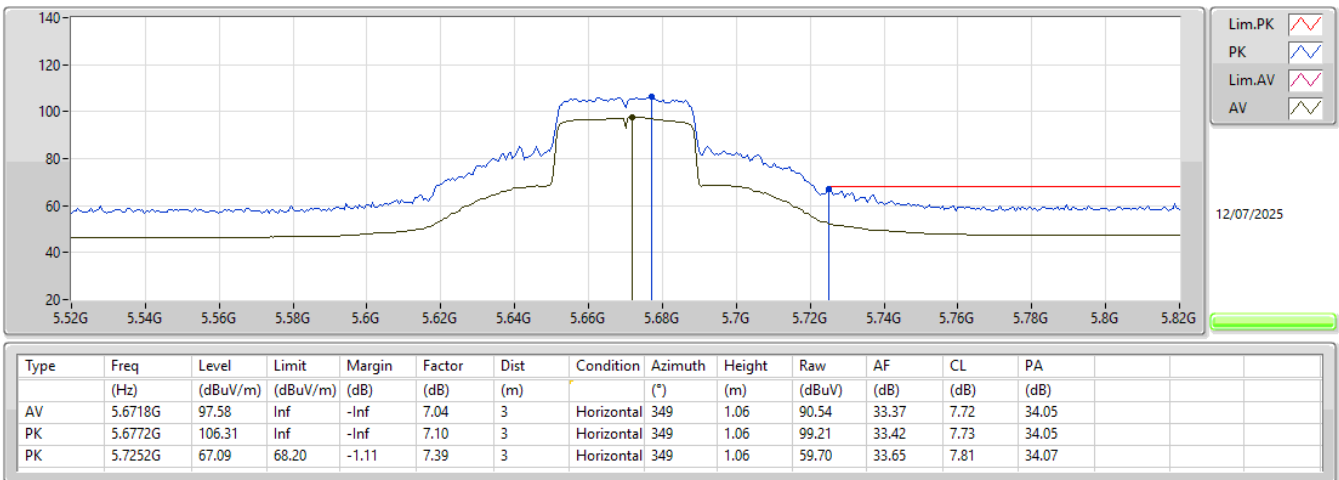
5.47-5.725GHz_802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX



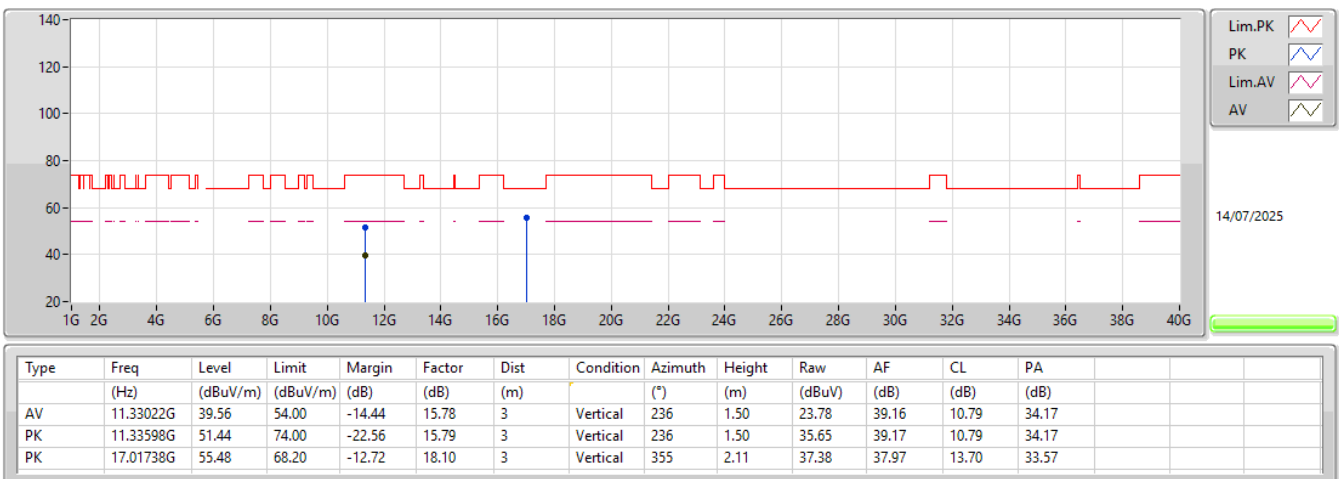
5.47-5.725GHz_802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX



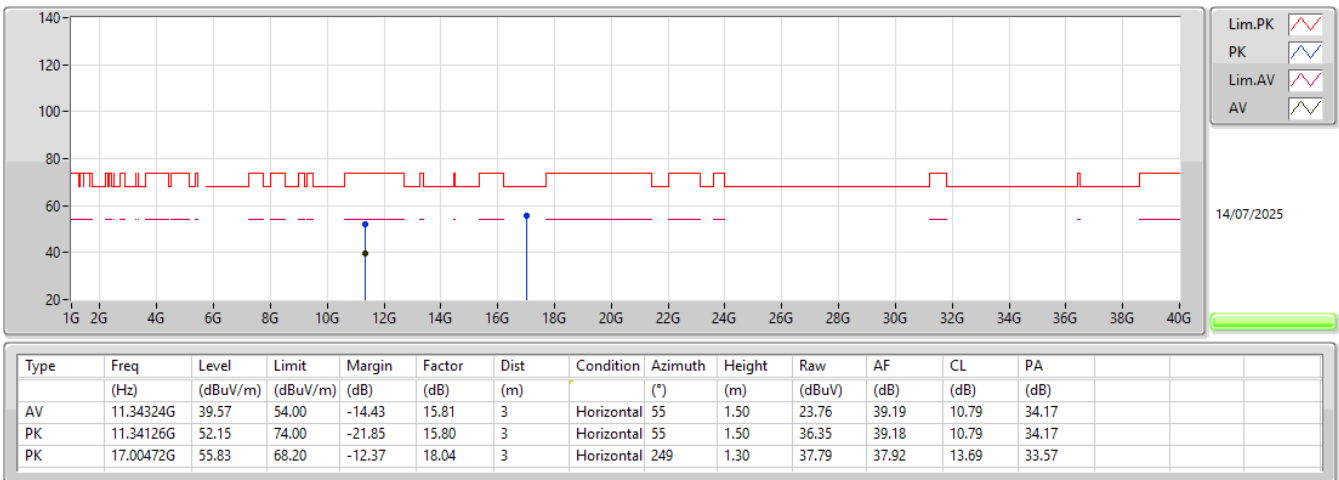
5.47-5.725GHz_802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX



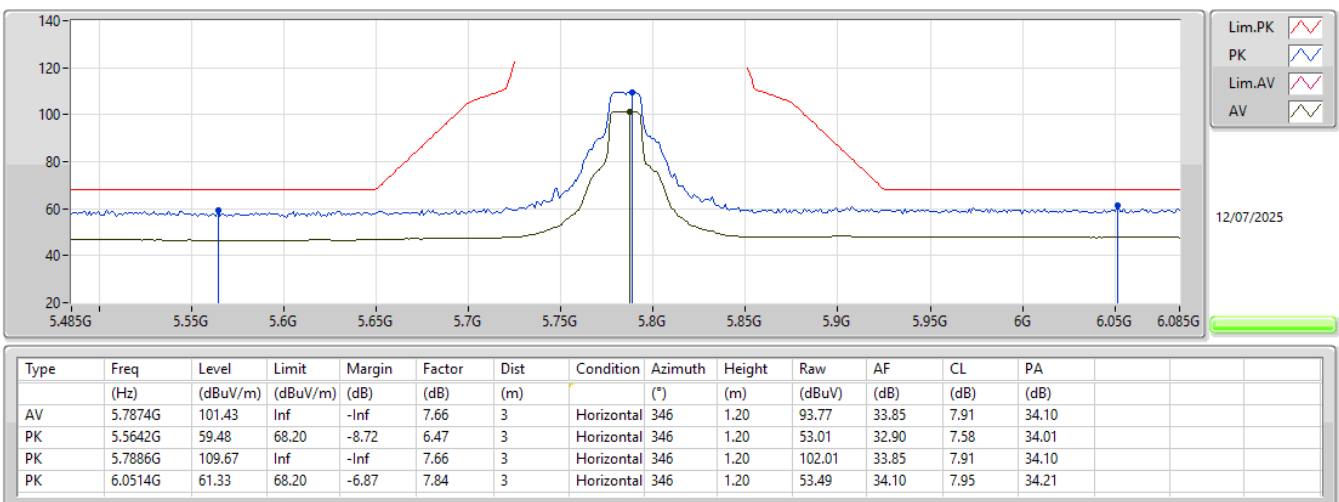
5.47-5.725GHz_802.11n_HT40_Nss1,(MCS0)_1TX

5670MHz_TX



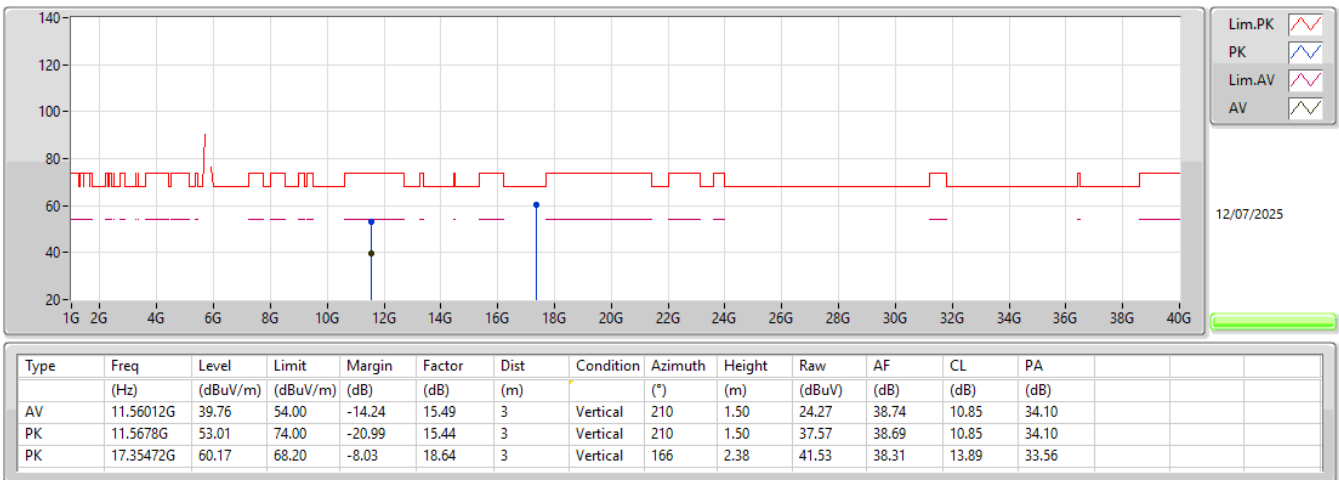
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX



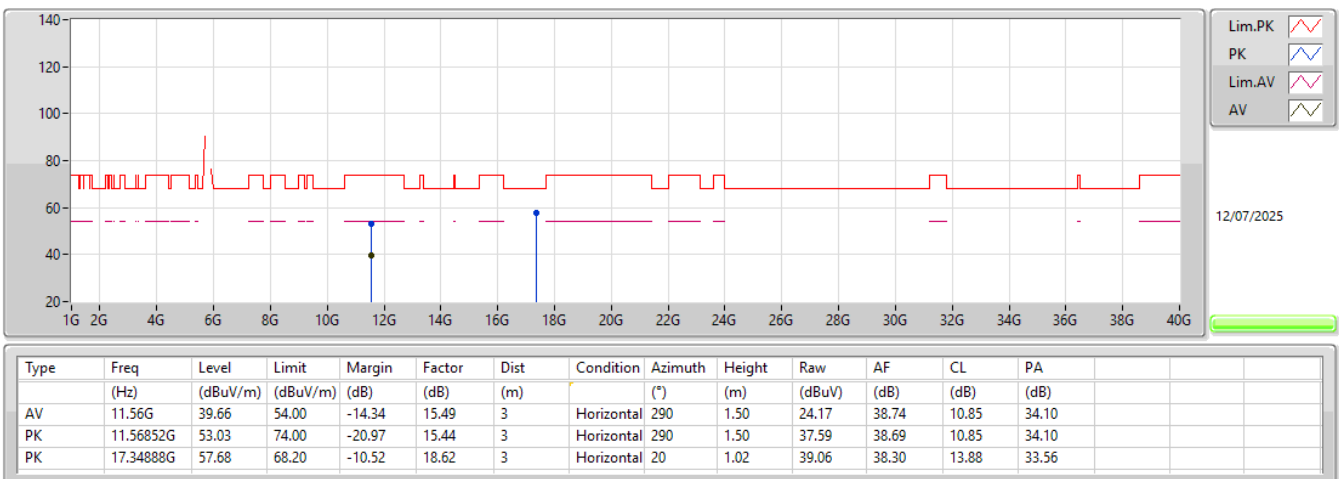
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX



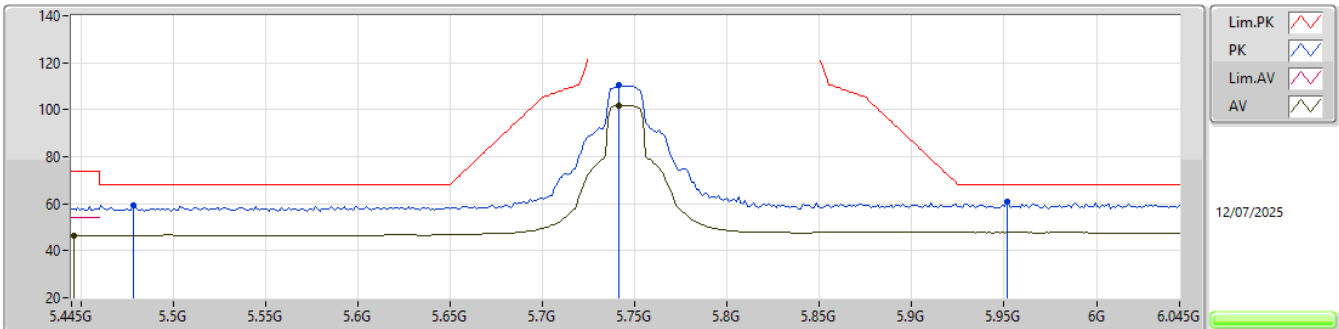
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX



5.725-5.85GHz_802.11n HT20_Nss1,(MCS0)_1TX

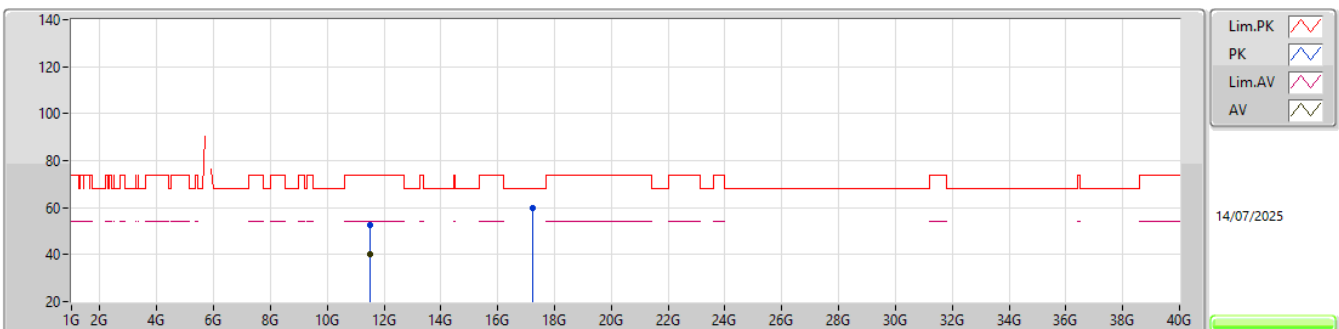
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4462G	46.58	54.00	-7.42	6.34	3	Horizontal	345	1.05	40.24	32.80	7.52	33.98
AV	5.7414G	101.90	Inf	-Inf	7.43	3	Horizontal	345	1.05	94.47	33.68	7.83	34.08
PK	5.4786G	59.36	68.20	-8.84	6.47	3	Horizontal	345	1.05	52.89	32.91	7.54	33.98
PK	5.7414G	110.40	Inf	-Inf	7.43	3	Horizontal	345	1.05	102.97	33.68	7.83	34.08
PK	5.9514G	60.88	68.20	-7.32	7.82	3	Horizontal	345	1.05	53.06	34.10	7.89	34.17

5.725-5.85GHz_802.11n HT20_Nss1,(MCS0)_1TX

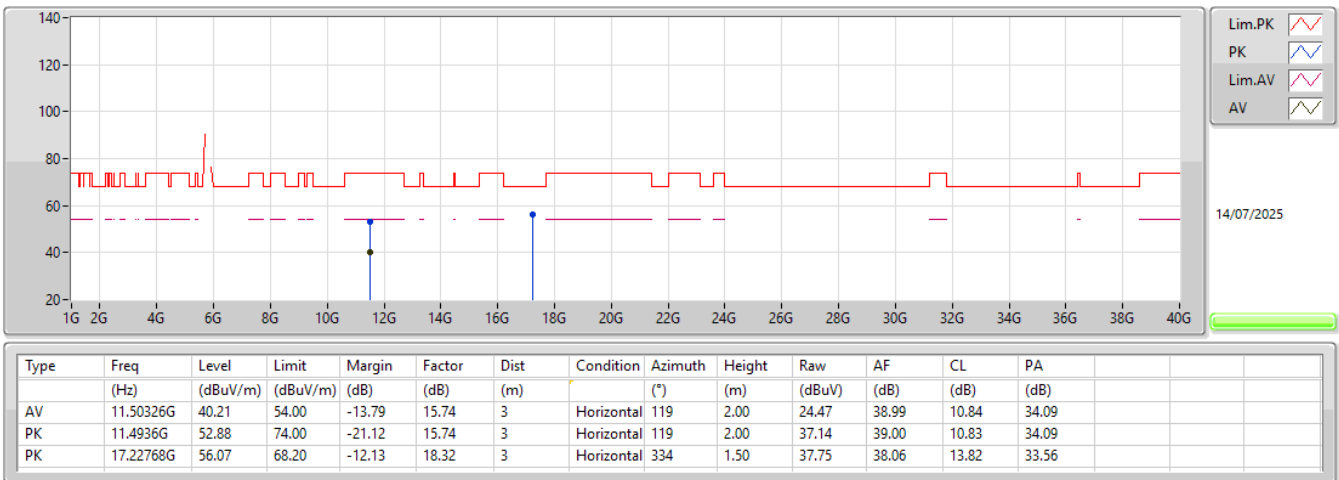
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48754G	40.21	54.00	-13.79	15.73	3	Vertical	329	2.67	24.48	39.00	10.83	34.10
PK	11.48964G	52.67	74.00	-21.33	15.73	3	Vertical	329	2.67	36.94	39.00	10.83	34.10
PK	17.22852G	60.05	68.20	-8.15	18.32	3	Vertical	159	2.30	41.73	38.06	13.82	33.56

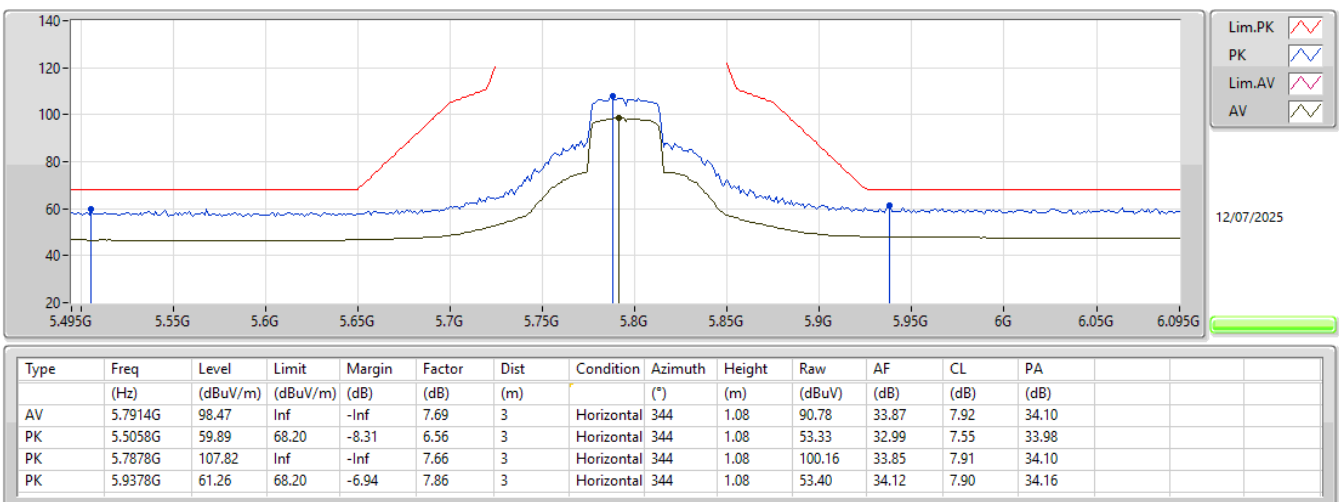
5.725-5.85GHz_802.11n_HT20_Nss1,(MCS0)_1TX

5745MHz_TX



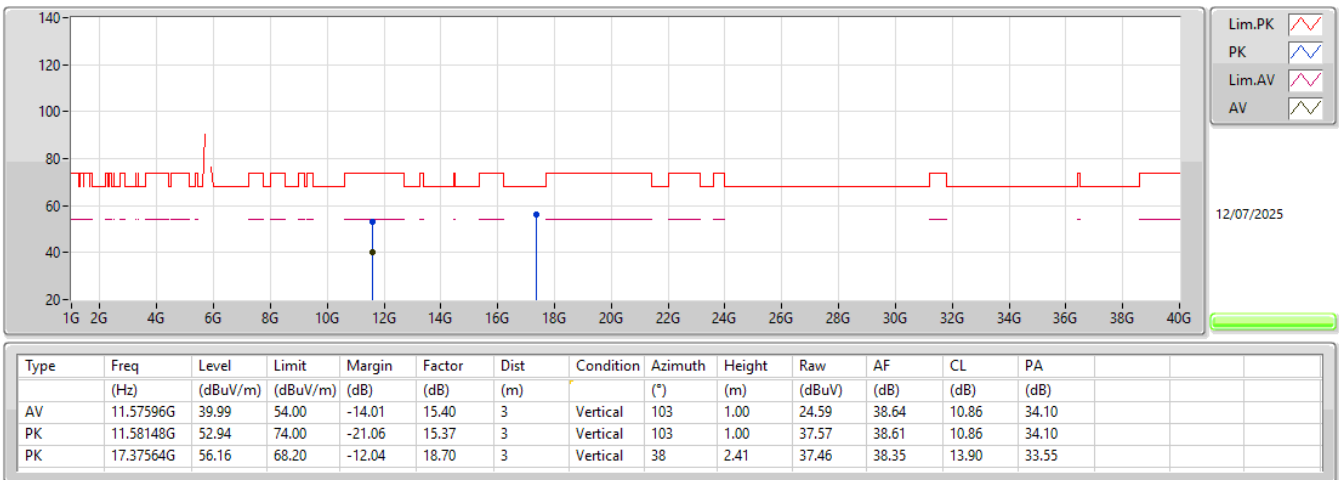
5.725-5.85GHz_802.11n_HT40_Nss1,(MCS0)_1TX

5795MHz_TX



5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_TX



5.725-5.85GHz_802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_TX

