FCC Radio Test Report

FCC ID	:	**YL6-143V516**
Equipment	:	**Alarm.com 1080p Indoor Wi-Fi Camera**
Brand Name	:	**ALARM.COM**
Model Name	:	**ADC-V516**
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 Oct. 24, 2024, and testing was started from Oct. 24, 2024 and completed on Feb. 10, 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 C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Jackson Tsai

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

Report No.	Version	Description	Issued Date
FR4N1236AN	01	Initial issue of report	Feb. 14, 2025

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:
Non

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]
5725-5850		5745-5825	149-165 [5]

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

Note:
- 11a, HT20 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	Support
1	INPAQ	RFFPA251104IMLB402	PIFA	I-PEX	2.4G+5G+BT

Ant.	Gain (dBi)		
	2.4G	5G	BT
1	2.79	3.79	2.79

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 AC Adapter			
EUT Function	☐	Outdoor AP	☐	Indoor AP
	☐	Fixed P2P AP	☒	Client
TPC Function	☐	With TPC Function	☒	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.802	0.96	2.025m	500
802.11n HT20_Nss1,(MCS0)_1TX	0.783	1.06	1.889m	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 C63.10-2013
- KDB 789033 D02 v02r01

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

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (**TAF:** 3785)	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Wayne Chiu	21.6~22.3°C / 55~59%	28/Nov/2024
RF Conducted	TH01-HY	Johnny Yu	22.2~23.9°C / 52~53%	06/Feb/2025~10/Feb/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**
RF Conducted	TH06-HY	Johnny Yu	22.2~23.9°C / 52~53%	25/Nov/2024
Radiated	03CH25-HY	Rian Chung	20.2~22.1°C / 51~53%	24/Oct/2024~23/Nov/2024

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	PuTTY Release 0.72

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	20
5200MHz	20
5240MHz	19.5
5260MHz	19.5
5300MHz	19.5
5320MHz	19.5
5500MHz	20
5580MHz	19
5700MHz	18.5
5745MHz	17.5
5785MHz	17
5825MHz	16
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	20
5200MHz	20
5240MHz	20
5260MHz	20
5300MHz	19.5
5320MHz	19.5
5500MHz	18.5
5580MHz	18.5
5700MHz	18
5745MHz	16.5
5785MHz	15.5
5825MHz	15

2.2 The Worst Case Measurement Configuration

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

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

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

2.3 Accessories

Accessories				
AC Adapter	Brand Name	APD	Model Name	WB-12G12FU
	Manufacturer	ASIAN POWER		
	Power Rating	I/P: 100-240Vac, 50-60 Hz, 0.3 A, O/P:12 Vdc, 1.0A		
	DC Power Cable	3.0meter, non-shielded cable, w/o ferrite core		

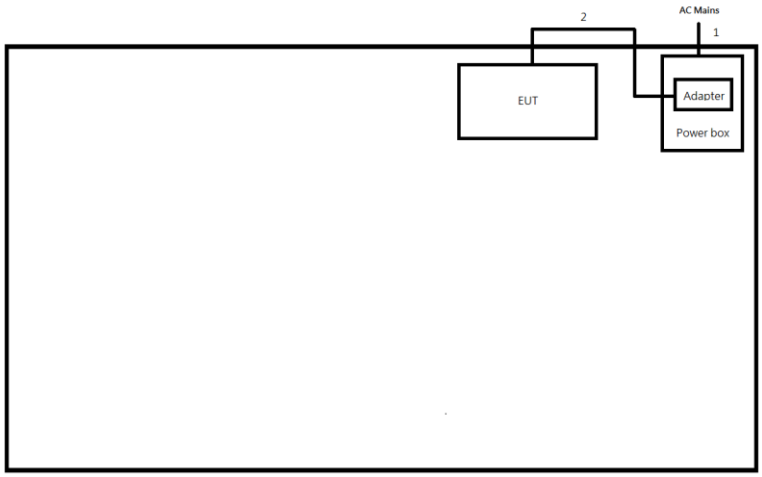
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Fixture	N/A	N/A	-	Provided by Customer

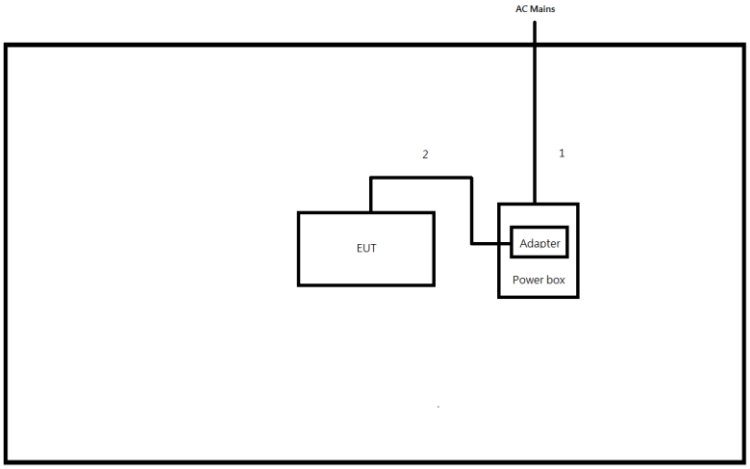
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.0	-
2	DC Power cable	No	3.0	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	3.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

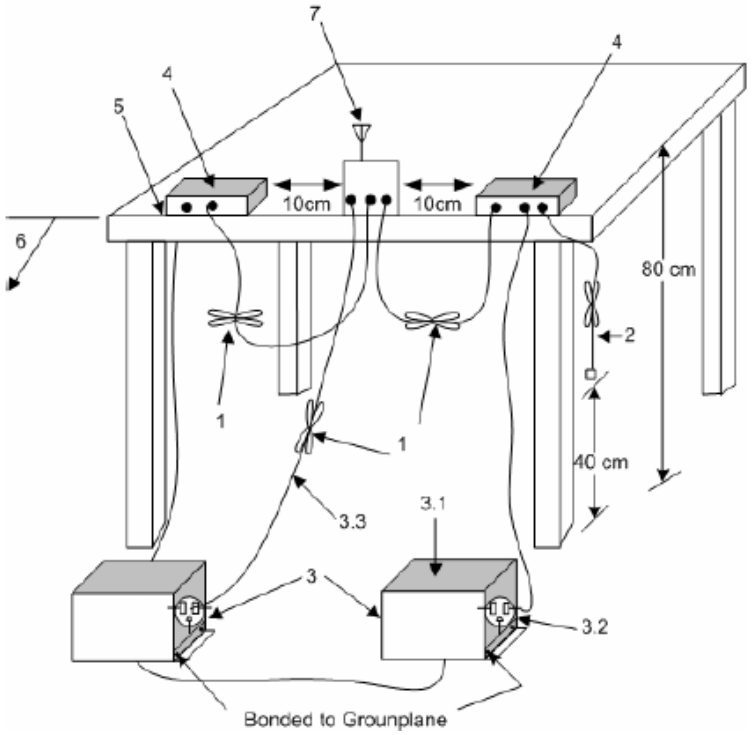
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ωloads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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 ≥ 500kHz.

3.2.2 Measuring Instruments

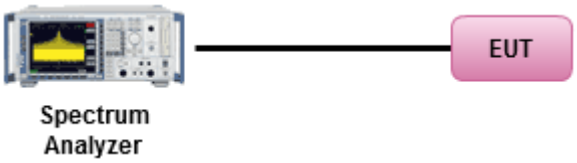
Refer a test equipment and calibration data table in this test report.

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

Emission Bandwidth



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.	

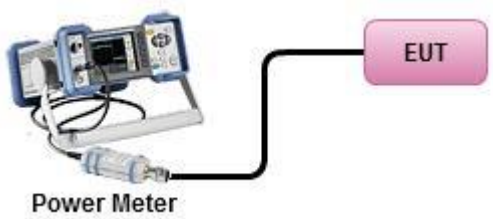
3.3.2 Measuring Instruments

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

3.3.4 Test Setup

RF Output Power (Power Meter)


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.	

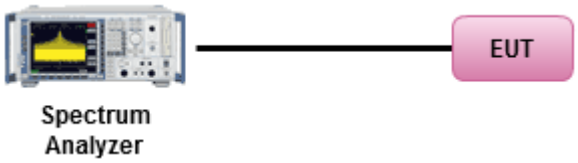
3.4.2 Measuring Instruments

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


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 ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
		☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

▪ Use the following spectrum analyzer settings:	
	▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 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.

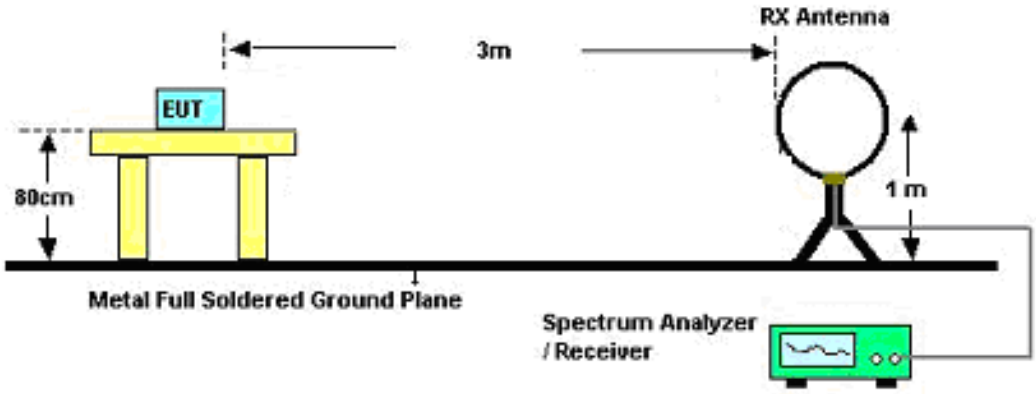
3.5.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

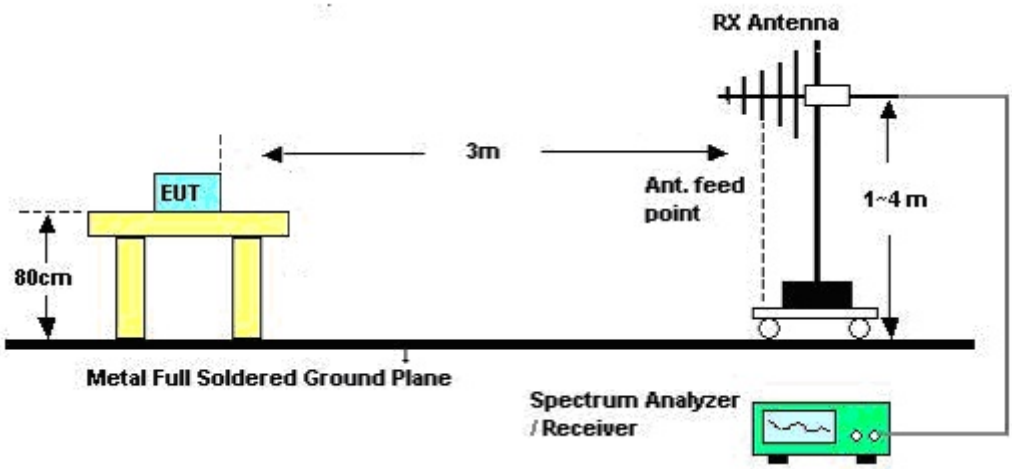
3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions

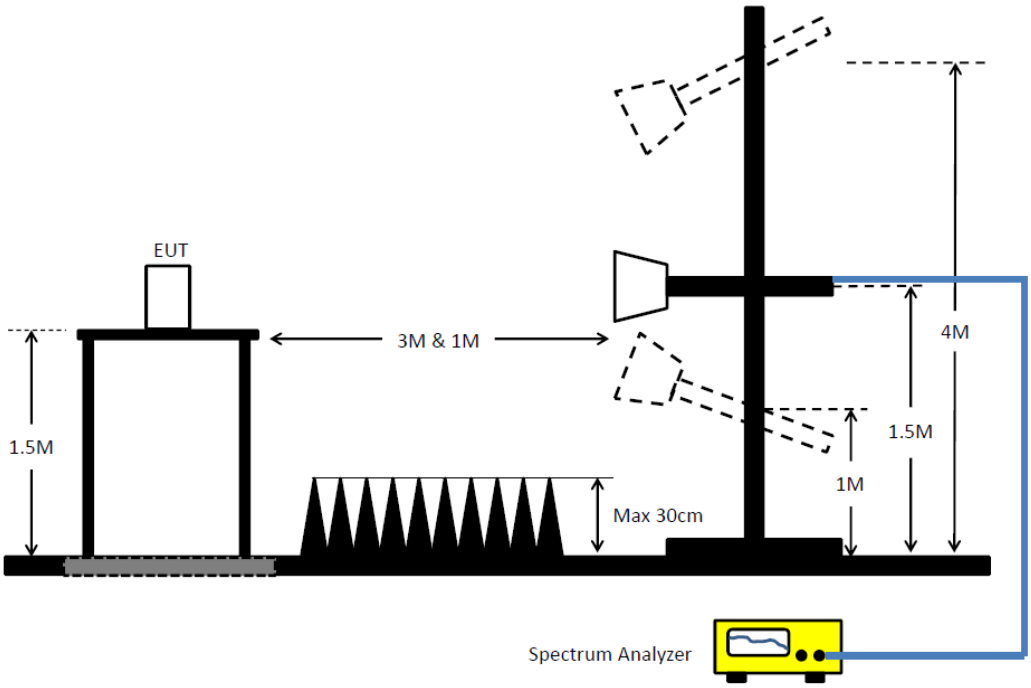
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	20/Jul/2024	19/Jul/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	27/Aug/2024	26/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	30/May/2024	29/May/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+ SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2024	23/Apr/2025
RF Cable	HUBER+ SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Preamplifier	KEYSIGHT	83017A	MY53270197	1GHz~26.5GHz	26/Jun/2024	25/Jun/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Conducted Test (TH01-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	09/Apr/2024	08/Apr/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	17/Feb/2024	16/Feb/2025
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	17/Feb/2024	16/Feb/2025
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

Instrument for Conducted Test (TH06-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.21	N/A	N/A	N/A	N/A

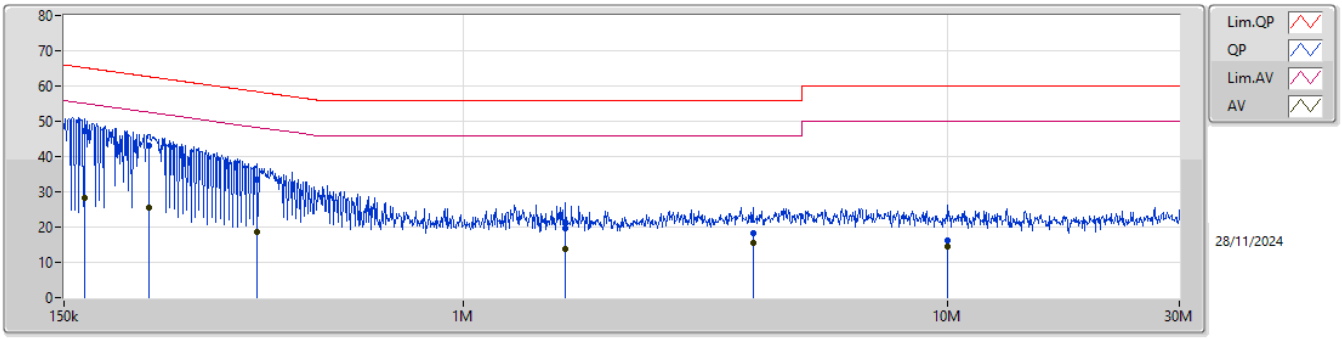
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	498.814k	31.11	46.02	-14.91	Neutral

Result

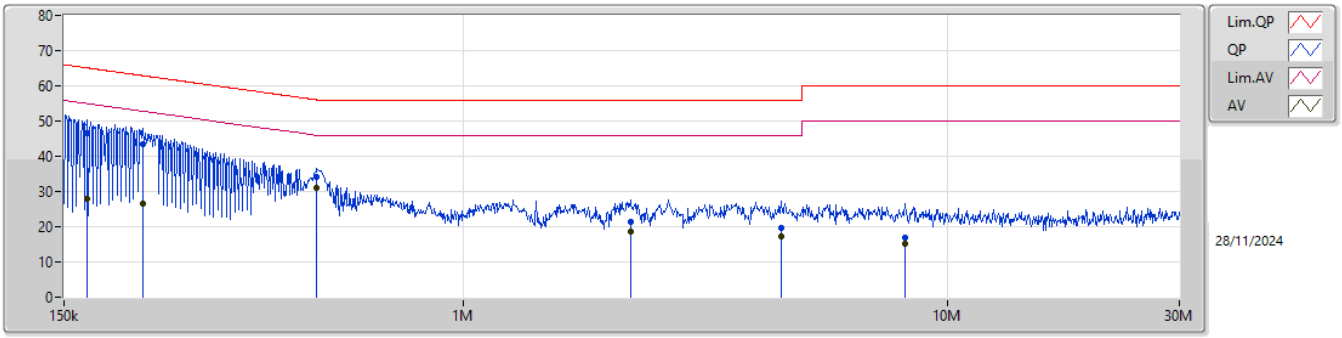
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	165.743k	47.38	65.18	-17.80	Line	-
Mode 1	Pass	AV	165.743k	28.28	55.18	-26.90	Line	-
Mode 1	Pass	QP	224.49k	43.07	62.65	-19.58	Line	-
Mode 1	Pass	AV	224.49k	25.47	52.65	-27.18	Line	-
Mode 1	Pass	QP	374.207k	33.56	58.41	-24.85	Line	-
Mode 1	Pass	AV	374.207k	18.66	48.41	-29.75	Line	-
Mode 1	Pass	QP	1.626M	19.70	56.00	-36.30	Line	-
Mode 1	Pass	AV	1.626M	13.71	46.00	-32.29	Line	-
Mode 1	Pass	QP	3.96M	18.30	56.00	-37.70	Line	-
Mode 1	Pass	AV	3.96M	15.67	46.00	-30.33	Line	-
Mode 1	Pass	QP	9.999M	16.29	60.00	-43.71	Line	-
Mode 1	Pass	AV	9.999M	14.63	50.00	-35.37	Line	-
Mode 1	Pass	QP	167.739k	46.59	65.06	-18.47	Neutral	-
Mode 1	Pass	AV	167.739k	28.02	55.06	-27.04	Neutral	-
Mode 1	Pass	QP	218.303k	43.35	62.88	-19.53	Neutral	-
Mode 1	Pass	AV	218.303k	26.41	52.88	-26.47	Neutral	-
Mode 1	Pass	QP	498.814k	34.17	56.02	-21.85	Neutral	-
Mode 1	Pass	AV	498.814k	31.11	46.02	-14.91	Neutral	-
Mode 1	Pass	QP	2.211M	21.39	56.00	-34.61	Neutral	-
Mode 1	Pass	AV	2.211M	18.52	46.00	-27.48	Neutral	-
Mode 1	Pass	QP	4.518M	19.72	56.00	-36.28	Neutral	-
Mode 1	Pass	AV	4.518M	17.21	46.00	-28.79	Neutral	-
Mode 1	Pass	QP	8.157M	16.98	60.00	-43.02	Neutral	-
Mode 1	Pass	AV	8.157M	15.02	50.00	-34.98	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	165.743k	47.38	65.18	-17.80	19.70	Line	-	27.68	9.66	0.07	9.97
AV	165.743k	28.28	55.18	-26.90	19.70	Line	-	8.58	9.66	0.07	9.97
QP	224.49k	43.07	62.65	-19.58	19.71	Line	-	23.36	9.65	0.09	9.97
AV	224.49k	25.47	52.65	-27.18	19.71	Line	-	5.76	9.65	0.09	9.97
QP	374.207k	33.56	58.41	-24.85	19.75	Line	-	13.81	9.65	0.12	9.98
AV	374.207k	18.66	48.41	-29.75	19.75	Line	-	-1.09	9.65	0.12	9.98
QP	1.626M	19.70	56.00	-36.30	19.74	Line	-	-0.04	9.67	0.10	9.97
AV	1.626M	13.71	46.00	-32.29	19.74	Line	-	-6.03	9.67	0.10	9.97
QP	3.96M	18.30	56.00	-37.70	19.74	Line	-	-1.44	9.69	0.07	9.98
AV	3.96M	15.67	46.00	-30.33	19.74	Line	-	-4.07	9.69	0.07	9.98
QP	9.999M	16.29	60.00	-43.71	19.74	Line	-	-3.45	9.71	0.05	9.98
AV	9.999M	14.63	50.00	-35.37	19.74	Line	-	-5.11	9.71	0.05	9.98

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	167.739k	46.59	65.06	-18.47	19.64	Neutral	-	26.95	9.60	0.07	9.97
AV	167.739k	28.02	55.06	-27.04	19.64	Neutral	-	8.38	9.60	0.07	9.97
QP	218.303k	43.35	62.88	-19.53	19.66	Neutral	-	23.69	9.60	0.09	9.97
AV	218.303k	26.41	52.88	-26.47	19.66	Neutral	-	6.75	9.60	0.09	9.97
QP	498.814k	34.17	56.02	-21.85	19.69	Neutral	-	14.48	9.60	0.11	9.98
AV	498.814k	31.11	46.02	-14.91	19.69	Neutral	-	11.42	9.60	0.11	9.98
QP	2.211M	21.39	56.00	-34.61	19.68	Neutral	-	1.71	9.61	0.10	9.97
AV	2.211M	18.52	46.00	-27.48	19.68	Neutral	-	-1.16	9.61	0.10	9.97
QP	4.518M	19.72	56.00	-36.28	19.68	Neutral	-	0.04	9.63	0.07	9.98
AV	4.518M	17.21	46.00	-28.79	19.68	Neutral	-	-2.47	9.63	0.07	9.98
QP	8.157M	16.98	60.00	-43.02	19.68	Neutral	-	-2.70	9.65	0.05	9.98
AV	8.157M	15.02	50.00	-34.98	19.68	Neutral	-	-4.66	9.65	0.05	9.98

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	22.77M	16.382M	16M4D1D	18.81M	16.338M
802.11n HT20_Nss1,(MCS0)_1TX	22.99M	17.666M	17M7D1D	19.36M	17.416M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.02M	16.47M	16M5D1D	18.26M	16.338M
802.11n HT20_Nss1,(MCS0)_1TX	22.33M	17.566M	17M6D1D	19.525M	17.416M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.47M	16.382M	16M4D1D	17.93M	16.25M
802.11n HT20_Nss1,(MCS0)_1TX	19.745M	17.441M	17M4D1D	19.635M	17.441M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.28M	16.338M	16M3D1D	15.95M	16.25M
802.11n HT20_Nss1,(MCS0)_1TX	17.545M	17.491M	17M5D1D	16.28M	17.391M

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

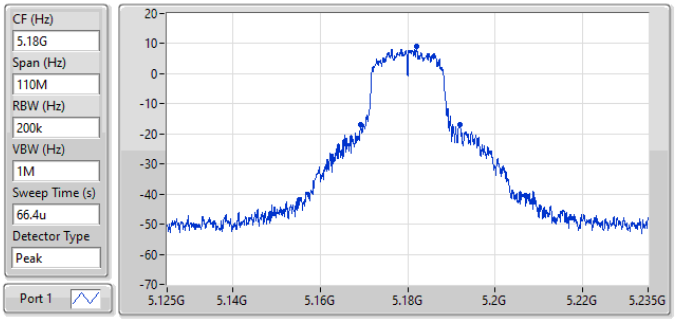
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.77M	16.338M
5200MHz	Pass	Inf	18.81M	16.382M
5240MHz	Pass	Inf	19.8M	16.338M
5260MHz	Pass	Inf	18.26M	16.47M
5300MHz	Pass	Inf	19.635M	16.404M
5320MHz	Pass	Inf	20.02M	16.338M
5500MHz	Pass	Inf	19.47M	16.382M
5580MHz	Pass	Inf	18.315M	16.25M
5700MHz	Pass	Inf	17.93M	16.316M
5745MHz	Pass	500k	16.28M	16.25M
5785MHz	Pass	500k	16.28M	16.338M
5825MHz	Pass	500k	15.95M	16.294M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.955M	17.491M
5200MHz	Pass	Inf	19.36M	17.416M
5240MHz	Pass	Inf	22.99M	17.666M
5260MHz	Pass	Inf	22.33M	17.516M
5300MHz	Pass	Inf	20.185M	17.416M
5320MHz	Pass	Inf	19.525M	17.566M
5500MHz	Pass	Inf	19.635M	17.441M
5580MHz	Pass	Inf	19.69M	17.441M
5700MHz	Pass	Inf	19.745M	17.441M
5745MHz	Pass	500k	16.39M	17.441M
5785MHz	Pass	500k	17.545M	17.391M
5825MHz	Pass	500k	16.28M	17.491M

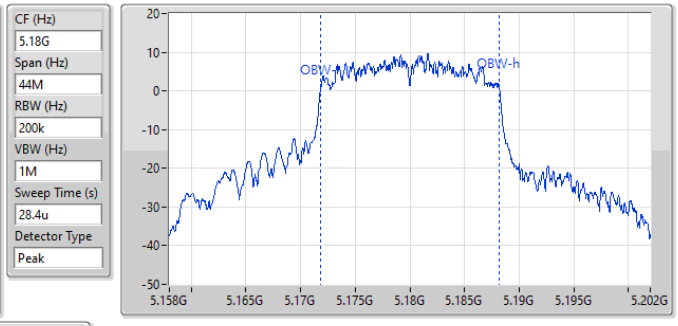
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

5180MHz

06/02/2025



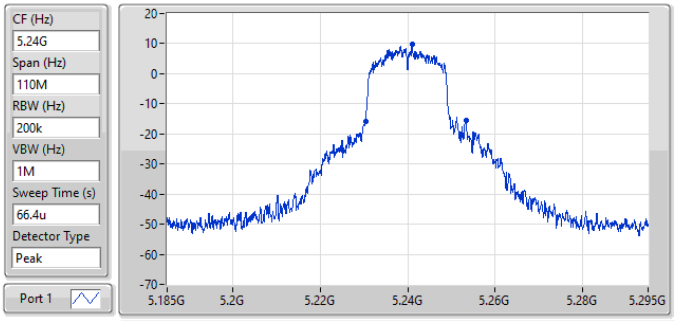


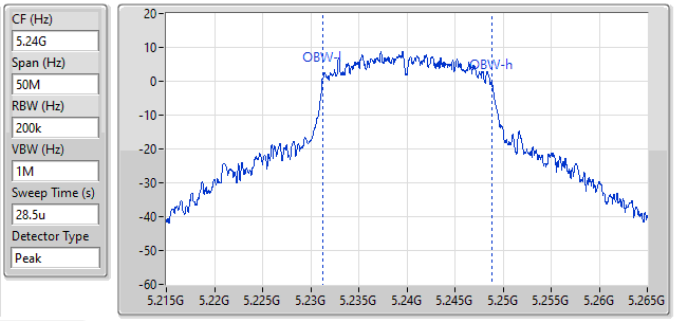
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.77M	5.16922G	5.19199G	16.338M	5.171798G	5.188136G	Inf	1

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

5240MHz

06/02/2025



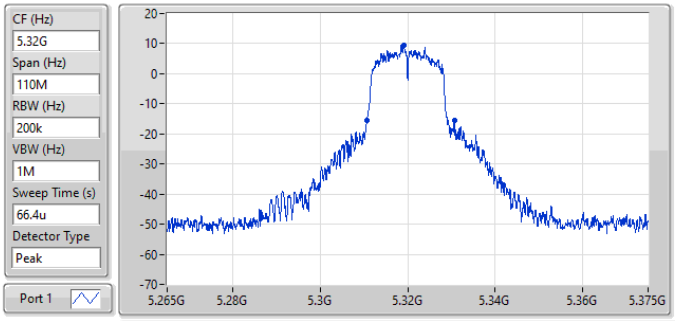


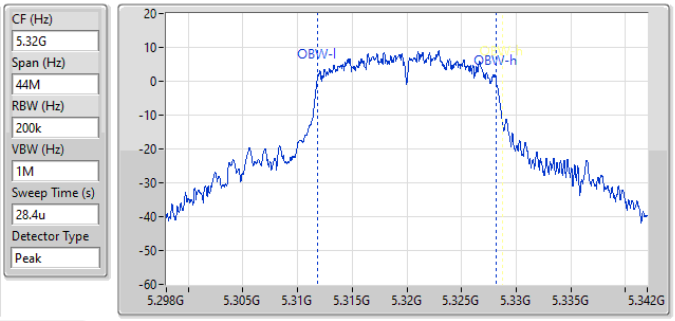
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.99M	5.23043G	5.25342G	17.666M	5.231229G	5.248896G	Inf	1

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

5320MHz

06/02/2025



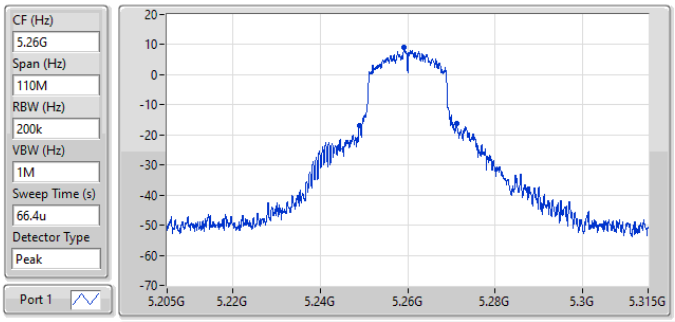


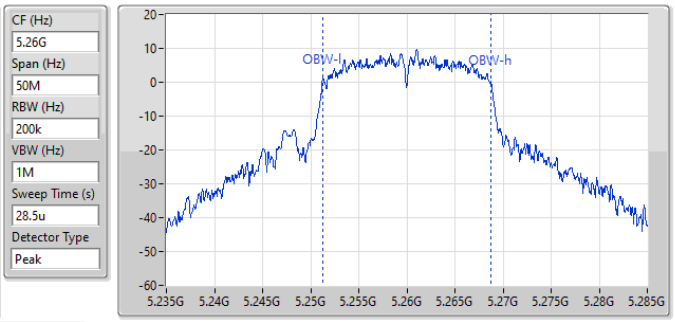
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.02M	5.31065G	5.33067G	16.338M	5.311842G	5.32818G	Inf	1

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

5260MHz

06/02/2025



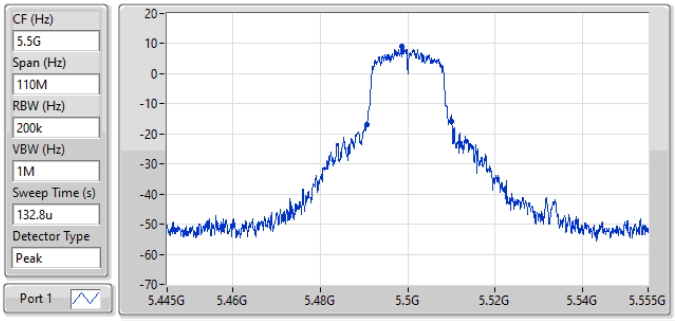


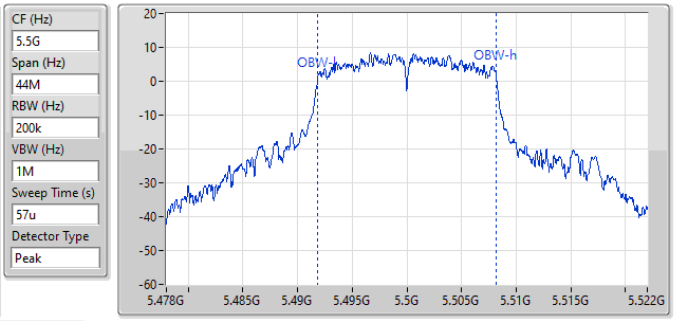
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.33M	5.248945G	5.271275G	17.516M	5.251229G	5.268746G	Inf	1

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

5500MHz

25/11/2024



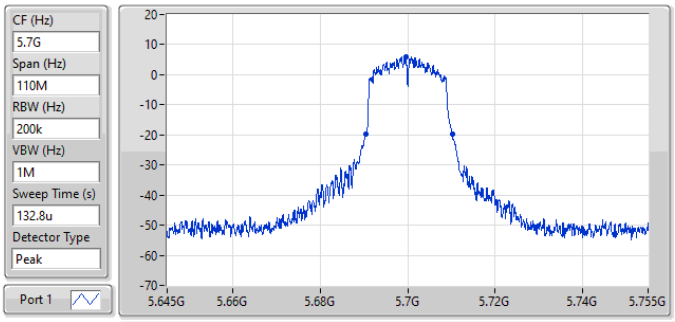


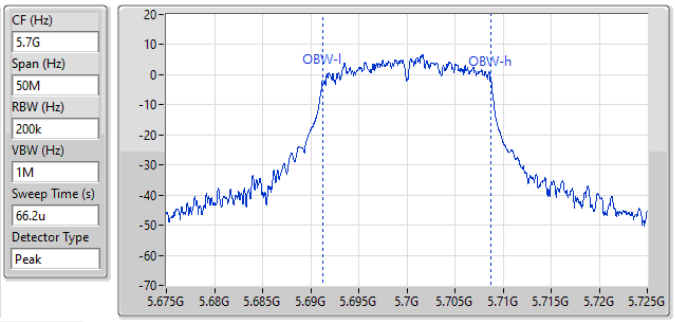
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.47M	5.49065G	5.51012G	16.382M	5.491798G	5.50818G	Inf	1

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

5700MHz

25/11/2024



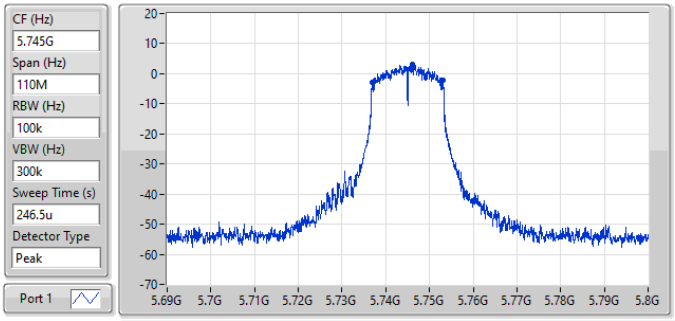


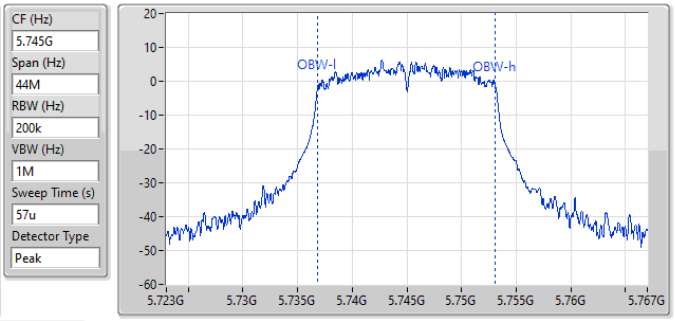
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.745M	5.69043G	5.710175G	17.441M	5.691254G	5.708696G	Inf	1

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

5745MHz

25/11/2024



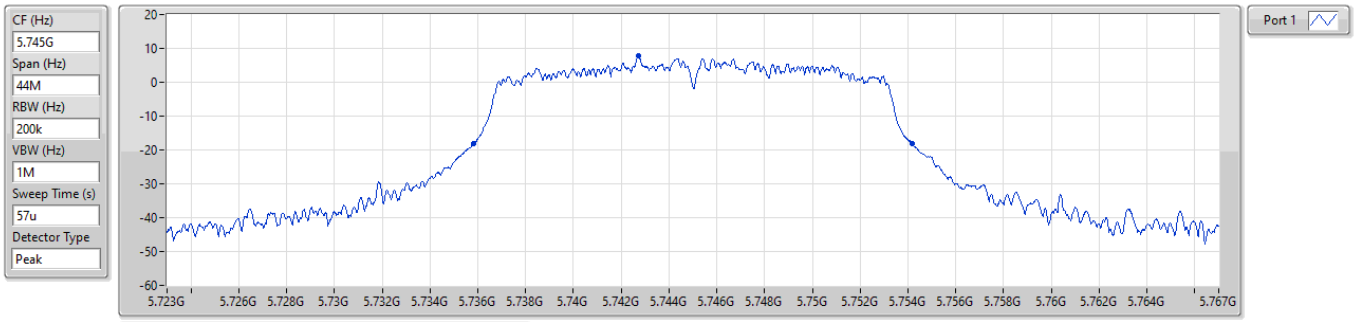


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.28M	5.73686G	5.75314G	16.25M	5.736864G	5.753114G	500k	1

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

5745MHz

25/11/2024

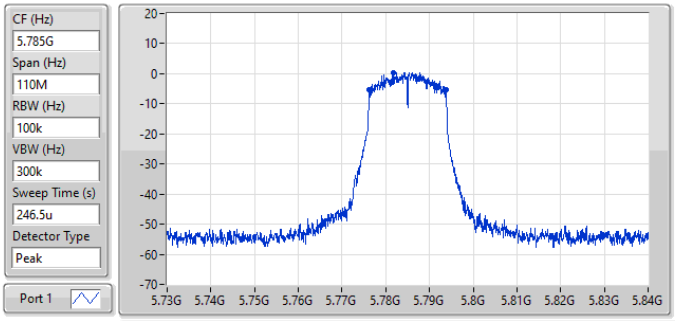


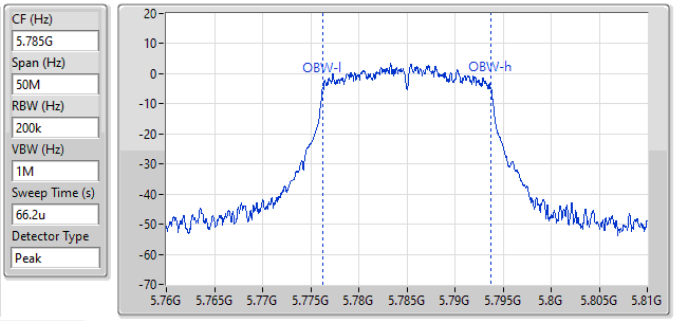
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
18.37M	5.735826G	5.754196G	Inf	1

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

5785MHz

25/11/2024



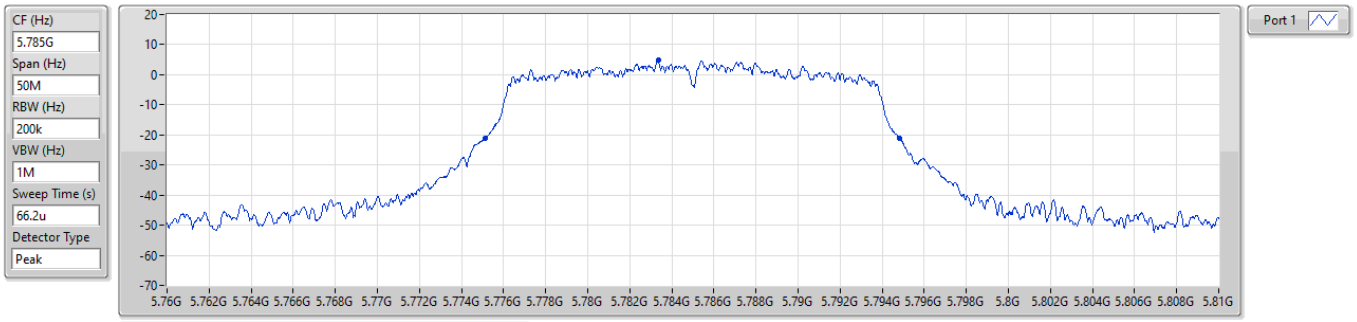


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.545M	5.776255G	5.7938G	17.391M	5.776304G	5.793696G	500k	1

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

5785MHz

25/11/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.7M	5.775125G	5.794825G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.87	0.09705	23.66	0.23227
802.11n HT20_Nss1,(MCS0)_1TX	20.01	0.10023	23.80	0.23988
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.70	0.09333	23.49	0.22336
802.11n HT20_Nss1,(MCS0)_1TX	20.07	0.10162	23.86	0.24322
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.83	0.12106	24.62	0.28973
802.11n HT20_Nss1,(MCS0)_1TX	19.13	0.08185	22.92	0.19588
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.84	0.06081	21.63	0.14555
802.11n HT20_Nss1,(MCS0)_1TX	16.64	0.04613	20.43	0.11041

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	3.79	19.87	19.87	23.98	23.66	Inf
5200MHz	Pass	3.79	19.66	19.66	23.98	23.45	Inf
5240MHz	Pass	3.79	19.58	19.58	23.98	23.37	Inf
5260MHz	Pass	3.79	19.70	19.70	23.62	23.49	26.99
5300MHz	Pass	3.79	19.69	19.69	23.93	23.48	26.99
5320MHz	Pass	3.79	19.69	19.69	23.98	23.48	26.99
5500MHz	Pass	3.79	20.83	20.83	23.89	24.62	26.99
5580MHz	Pass	3.79	19.03	19.03	23.63	22.82	26.99
5700MHz	Pass	3.79	18.73	18.73	23.54	22.52	26.99
5745MHz	Pass	3.79	17.84	17.84	30.00	21.63	Inf
5785MHz	Pass	3.79	17.34	17.34	30.00	21.13	Inf
5825MHz	Pass	3.79	16.76	16.76	30.00	20.55	Inf
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.79	19.68	19.68	23.98	23.47	Inf
5200MHz	Pass	3.79	19.63	19.63	23.98	23.42	Inf
5240MHz	Pass	3.79	20.01	20.01	23.98	23.80	Inf
5260MHz	Pass	3.79	20.07	20.07	23.98	23.86	26.99
5300MHz	Pass	3.79	19.67	19.67	23.98	23.46	26.99
5320MHz	Pass	3.79	19.65	19.65	23.91	23.44	26.99
5500MHz	Pass	3.79	19.13	19.13	23.93	22.92	26.99
5580MHz	Pass	3.79	19.02	19.02	23.94	22.81	26.99
5700MHz	Pass	3.79	18.11	18.11	23.95	21.90	26.99
5745MHz	Pass	3.79	16.64	16.64	30.00	20.43	Inf
5785MHz	Pass	3.79	16.03	16.03	30.00	19.82	Inf
5825MHz	Pass	3.79	16.01	16.01	30.00	19.80	Inf

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.45	13.24
802.11n HT20_Nss1,(MCS0)_1TX	9.49	13.28
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.14	12.93
802.11n HT20_Nss1,(MCS0)_1TX	9.41	13.20
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.25	13.04
802.11n HT20_Nss1,(MCS0)_1TX	7.49	11.28
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.74	8.53
802.11n HT20_Nss1,(MCS0)_1TX	3.55	7.34

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

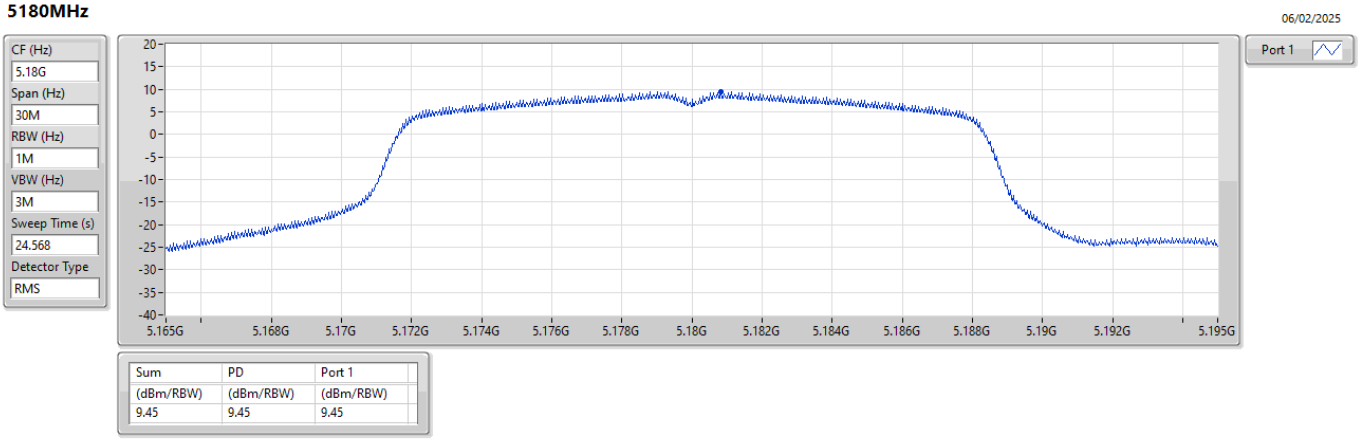
Result

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	3.79	9.45	9.45	11.00	13.24	Inf
5200MHz	Pass	3.79	9.25	9.25	11.00	13.04	Inf
5240MHz	Pass	3.79	9.18	9.18	11.00	12.97	Inf
5260MHz	Pass	3.79	9.10	9.10	11.00	12.89	Inf
5300MHz	Pass	3.79	9.14	9.14	11.00	12.93	Inf
5320MHz	Pass	3.79	9.13	9.13	11.00	12.92	Inf
5500MHz	Pass	3.79	9.25	9.25	11.00	13.04	Inf
5580MHz	Pass	3.79	7.46	7.46	11.00	11.25	Inf
5700MHz	Pass	3.79	7.10	7.10	11.00	10.89	Inf
5745MHz	Pass	3.79	4.74	4.74	30.00	8.53	Inf
5785MHz	Pass	3.79	4.11	4.11	30.00	7.90	Inf
5825MHz	Pass	3.79	3.44	3.44	30.00	7.23	Inf
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.79	9.14	9.14	11.00	12.93	Inf
5200MHz	Pass	3.79	9.00	9.00	11.00	12.79	Inf
5240MHz	Pass	3.79	9.49	9.49	11.00	13.28	Inf
5260MHz	Pass	3.79	9.41	9.41	11.00	13.20	Inf
5300MHz	Pass	3.79	9.01	9.01	11.00	12.80	Inf
5320MHz	Pass	3.79	9.07	9.07	11.00	12.86	Inf
5500MHz	Pass	3.79	7.49	7.49	11.00	11.28	Inf
5580MHz	Pass	3.79	6.78	6.78	11.00	10.57	Inf
5700MHz	Pass	3.79	6.41	6.41	11.00	10.20	Inf
5745MHz	Pass	3.79	3.55	3.55	30.00	7.34	Inf
5785MHz	Pass	3.79	2.41	2.41	30.00	6.20	Inf
5825MHz	Pass	3.79	2.37	2.37	30.00	6.16	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.

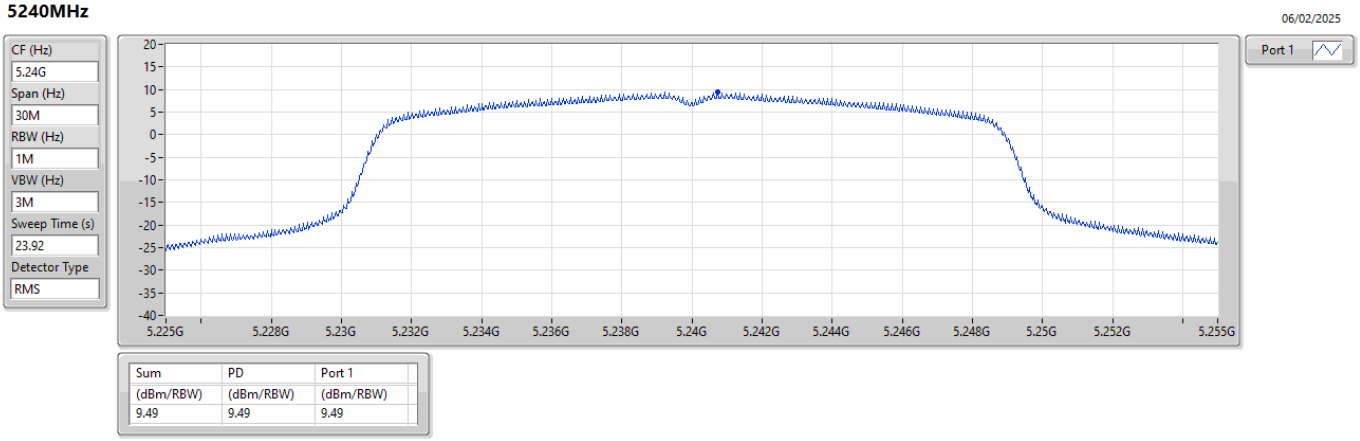
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5180MHz



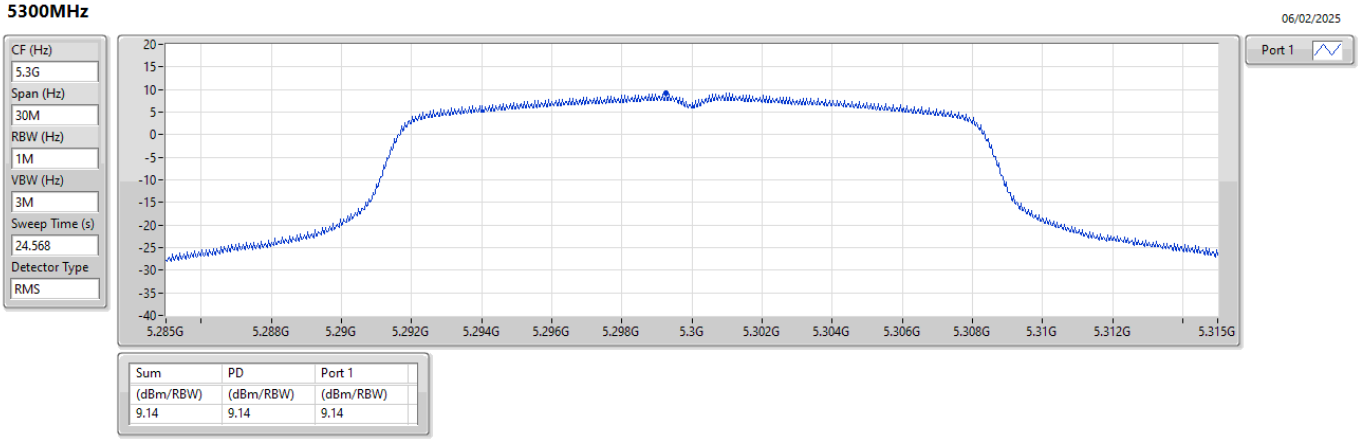
5.15-5.25GHz_802.11n HT20_Nss1,(MCS0)_1TX **PSD**

5240MHz



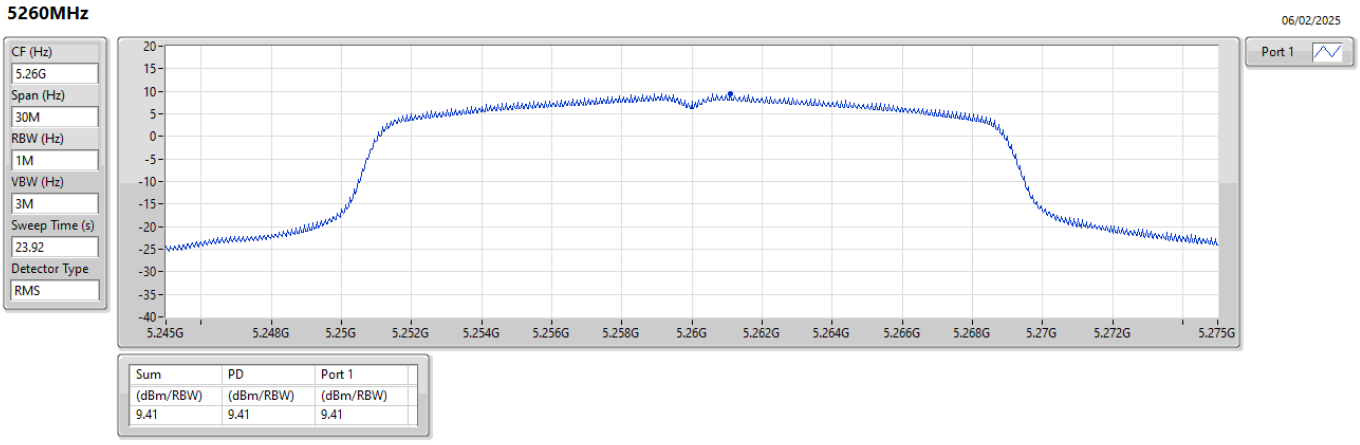
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5300MHz



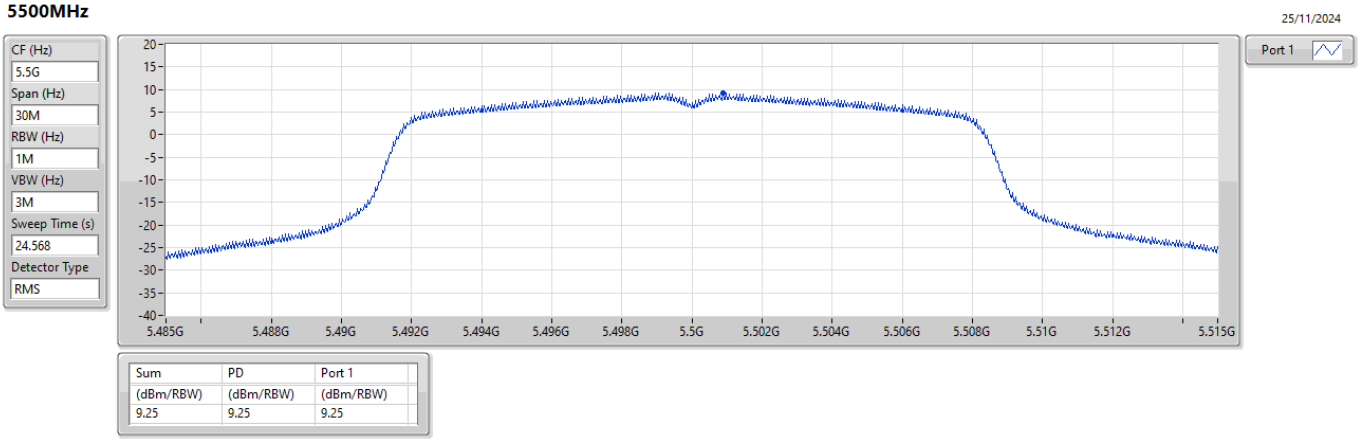
5.25-5.35GHz_802.11n HT20_Nss1,(MCS0)_1TX **PSD**

5260MHz



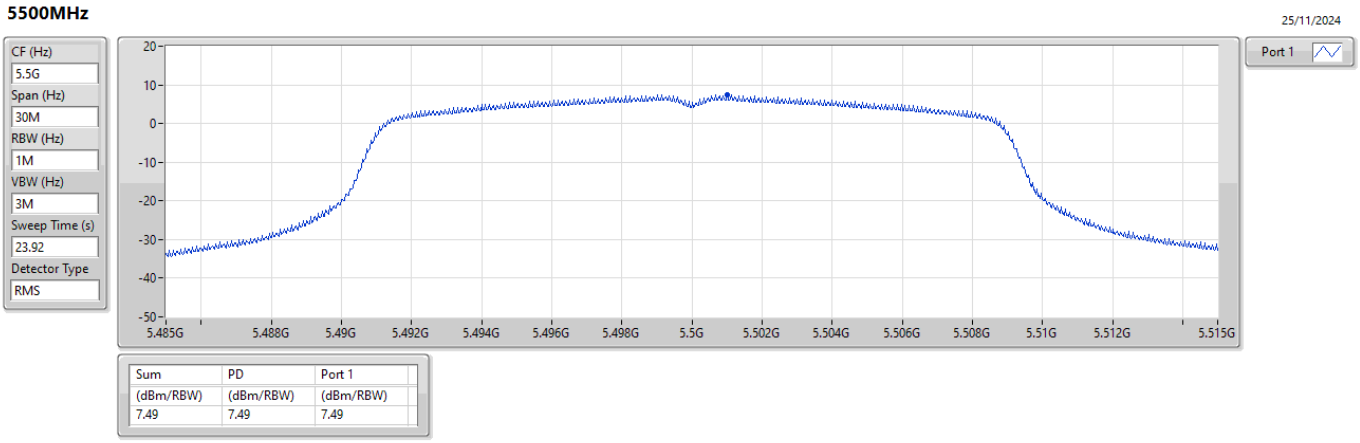
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5500MHz



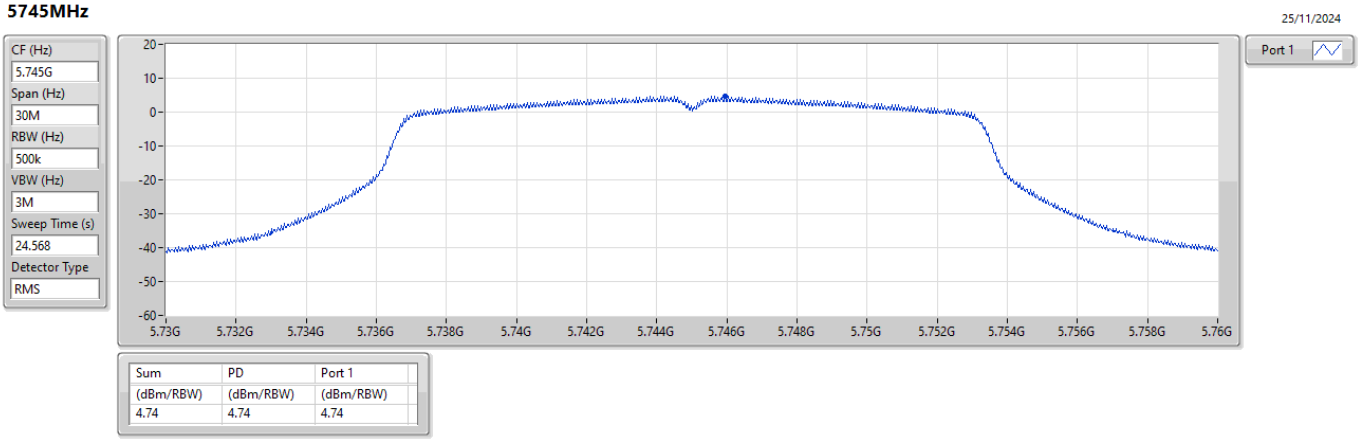
5.47-5.725GHz_802.11n HT20_Nss1,(MCS0)_1TX **PSD**

5500MHz



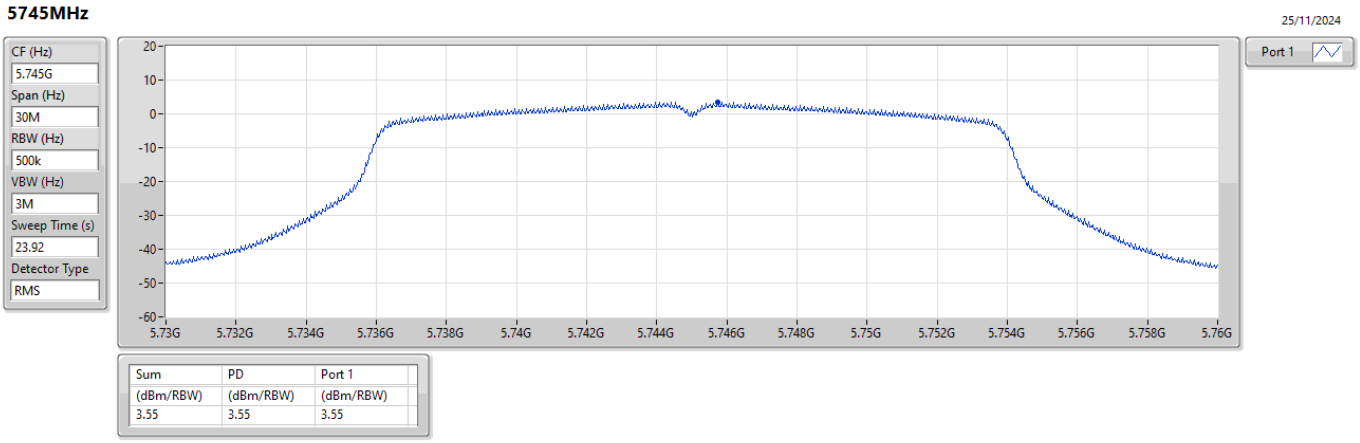
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5745MHz



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

5745MHz



Summary

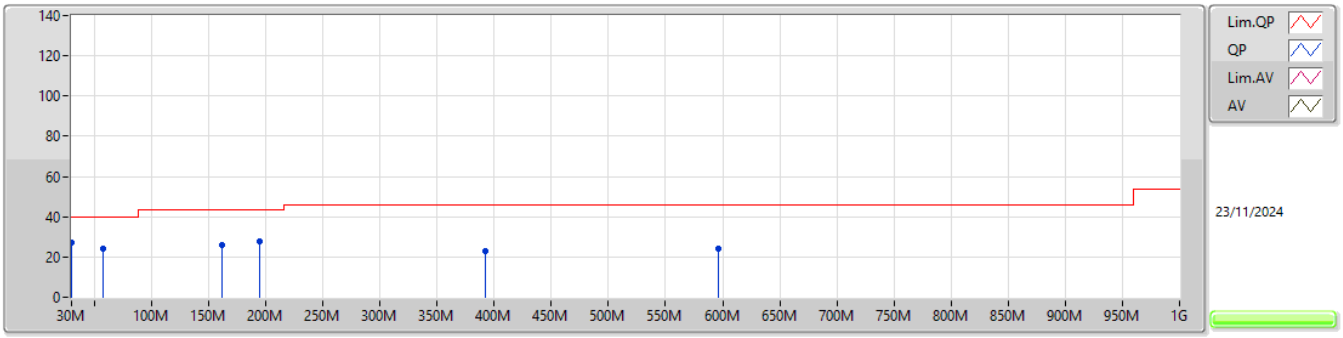
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	30M	27.08	40.00	-12.92	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5785MHz	Pass	PK	30M	27.08	40.00	-12.92	3	Vertical	360	1.00
5785MHz	Pass	PK	57.16M	24.35	40.00	-15.65	3	Vertical	360	1.00
5785MHz	Pass	PK	161.92M	25.69	43.50	-17.81	3	Vertical	360	1.00
5785MHz	Pass	PK	194.9M	27.75	43.50	-15.75	3	Vertical	360	1.00
5785MHz	Pass	PK	392.78M	22.68	46.00	-23.32	3	Vertical	360	1.00
5785MHz	Pass	PK	596.48M	24.26	46.00	-21.74	3	Vertical	360	1.00
5785MHz	Pass	PK	31.94M	20.69	40.00	-19.31	3	Horizontal	0	1.00
5785MHz	Pass	PK	95.96M	23.62	43.50	-19.88	3	Horizontal	0	1.00
5785MHz	Pass	PK	138.64M	27.75	43.50	-15.75	3	Horizontal	0	1.00
5785MHz	Pass	PK	175.5M	27.18	43.50	-16.32	3	Horizontal	0	1.00
5785MHz	Pass	PK	218.18M	30.33	46.00	-15.67	3	Horizontal	0	1.00
5785MHz	Pass	PK	264.74M	26.88	46.00	-19.12	3	Horizontal	0	1.00

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

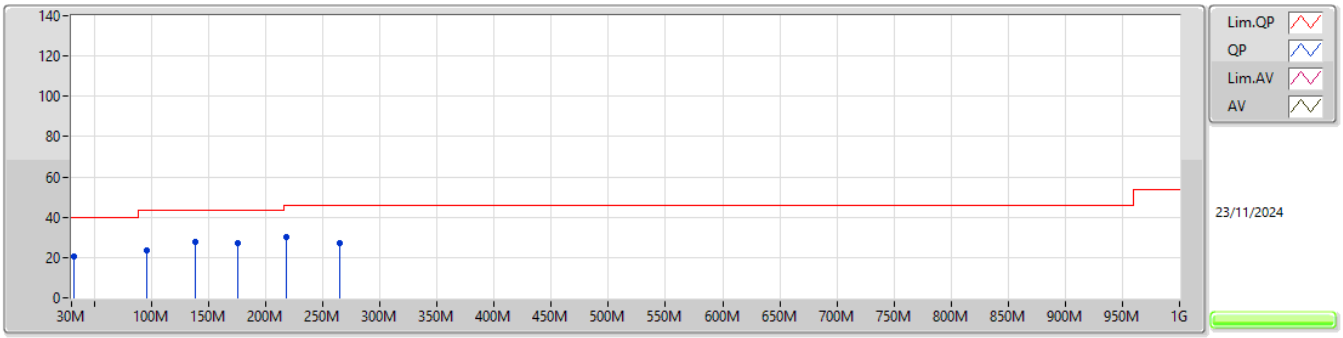
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	27.08	40.00	-12.92	-19.10	3	Vertical	360	1.00	46.18	24.72	0.45	44.27
PK	57.16M	24.35	40.00	-15.65	-31.99	3	Vertical	360	1.00	56.34	12.11	0.53	44.63
PK	161.92M	25.69	43.50	-17.81	-27.15	3	Vertical	360	1.00	52.84	16.42	0.98	44.55
PK	194.9M	27.75	43.50	-15.75	-28.38	3	Vertical	360	1.00	56.13	15.01	1.10	44.49
PK	392.78M	22.68	46.00	-23.32	-20.91	3	Vertical	360	1.00	43.59	21.70	1.43	44.04
PK	596.48M	24.26	46.00	-21.74	-16.07	3	Vertical	360	1.00	40.33	26.10	1.69	43.86

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

5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	31.94M	20.69	40.00	-19.31	-20.11	3	Horizontal	0	1.00	40.80	23.74	0.45	44.30
PK	95.96M	23.62	43.50	-19.88	-28.11	3	Horizontal	0	1.00	51.73	15.69	0.76	44.56
PK	138.64M	27.75	43.50	-15.75	-26.15	3	Horizontal	0	1.00	53.90	17.45	0.98	44.58
PK	175.5M	27.18	43.50	-16.32	-28.01	3	Horizontal	0	1.00	55.19	15.50	1.02	44.53
PK	218.18M	30.33	46.00	-15.67	-28.05	3	Horizontal	0	1.00	58.38	15.26	1.13	44.44
PK	264.74M	26.88	46.00	-19.12	-23.23	3	Horizontal	0	1.00	50.11	19.95	1.16	44.34

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	52.41	54.00	-1.59	3	Vertical	352	2.60
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.1496G	52.41	54.00	-1.59	3	Vertical	351	1.98
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.3502G	52.30	54.00	-1.70	3	Vertical	351	2.49
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	15.90204G	52.44	54.00	-1.56	3	Horizontal	331	1.73
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	16.4986G	66.70	68.20	-1.50	3	Horizontal	325	1.75
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	16.73636G	66.53	68.20	-1.67	3	Horizontal	322	1.70
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	17.23368G	66.62	68.20	-1.58	3	Horizontal	331	1.76
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	17.4711G	66.51	68.20	-1.69	3	Horizontal	330	1.77

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	52.41	54.00	-1.59	3	Vertical	352	2.60
5180MHz	Pass	AV	5.1812G	102.50	Inf	-Inf	3	Vertical	352	2.60
5180MHz	Pass	PK	5.1496G	68.30	74.00	-5.70	3	Vertical	352	2.60
5180MHz	Pass	PK	5.18G	113.59	Inf	-Inf	3	Vertical	352	2.60
5180MHz	Pass	AV	5.1498G	51.81	54.00	-2.19	3	Horizontal	325	2.67
5180MHz	Pass	AV	5.1812G	101.40	Inf	-Inf	3	Horizontal	325	2.67
5180MHz	Pass	PK	5.15G	66.25	74.00	-7.75	3	Horizontal	325	2.67
5180MHz	Pass	PK	5.18G	112.30	Inf	-Inf	3	Horizontal	325	2.67
5180MHz	Pass	AV	15.54102G	49.41	54.00	-4.59	3	Vertical	144	1.00
5180MHz	Pass	PK	10.35922G	61.18	68.20	-7.02	3	Vertical	223	2.06
5180MHz	Pass	PK	15.53886G	63.00	74.00	-11.00	3	Vertical	144	1.00
5180MHz	Pass	AV	15.54096G	51.38	54.00	-2.62	3	Horizontal	313	1.75
5180MHz	Pass	PK	10.36096G	64.30	68.20	-3.90	3	Horizontal	23	1.88
5180MHz	Pass	PK	15.5385G	64.89	74.00	-9.11	3	Horizontal	313	1.75
5200MHz	Pass	AV	5.1496G	48.63	54.00	-5.37	3	Vertical	352	2.70
5200MHz	Pass	AV	5.2012G	102.05	Inf	-Inf	3	Vertical	352	2.70
5200MHz	Pass	PK	5.1264G	61.91	74.00	-12.09	3	Vertical	352	2.70
5200MHz	Pass	PK	5.2G	113.13	Inf	-Inf	3	Vertical	352	2.70
5200MHz	Pass	AV	5.15G	48.70	54.00	-5.30	3	Horizontal	327	2.57
5200MHz	Pass	AV	5.2012G	100.88	Inf	-Inf	3	Horizontal	327	2.57
5200MHz	Pass	PK	5.1256G	62.53	74.00	-11.47	3	Horizontal	327	2.57
5200MHz	Pass	PK	5.2G	111.88	Inf	-Inf	3	Horizontal	327	2.57
5200MHz	Pass	AV	15.60116G	45.86	54.00	-8.14	3	Vertical	193	1.50
5200MHz	Pass	PK	10.399G	60.51	68.20	-7.69	3	Vertical	231	2.01
5200MHz	Pass	PK	15.59688G	59.69	74.00	-14.31	3	Vertical	193	1.50
5200MHz	Pass	AV	15.60112G	52.32	54.00	-1.68	3	Horizontal	315	1.81
5200MHz	Pass	PK	10.39932G	66.61	68.20	-1.59	3	Horizontal	27	1.98
5200MHz	Pass	PK	15.60268G	65.64	74.00	-8.36	3	Horizontal	315	1.81
5240MHz	Pass	AV	5.1494G	48.80	54.00	-5.20	3	Vertical	350	2.36
5240MHz	Pass	AV	5.2412G	102.42	Inf	-Inf	3	Vertical	350	2.36
5240MHz	Pass	AV	5.3534G	49.27	54.00	-4.73	3	Vertical	350	2.36
5240MHz	Pass	PK	5.1044G	62.29	74.00	-11.71	3	Vertical	350	2.36
5240MHz	Pass	PK	5.24G	113.42	Inf	-Inf	3	Vertical	350	2.36
5240MHz	Pass	PK	5.3726G	62.13	74.00	-11.87	3	Vertical	350	2.36
5240MHz	Pass	AV	5.1338G	48.66	54.00	-5.34	3	Horizontal	329	2.50
5240MHz	Pass	AV	5.2412G	101.13	Inf	-Inf	3	Horizontal	329	2.50
5240MHz	Pass	AV	5.3624G	49.14	54.00	-4.86	3	Horizontal	329	2.50
5240MHz	Pass	PK	5.1056G	62.78	74.00	-11.22	3	Horizontal	329	2.50
5240MHz	Pass	PK	5.24G	111.98	Inf	-Inf	3	Horizontal	329	2.50
5240MHz	Pass	PK	5.3522G	61.98	74.00	-12.02	3	Horizontal	329	2.50
5240MHz	Pass	AV	15.72108G	48.19	54.00	-5.81	3	Vertical	27	1.82
5240MHz	Pass	PK	10.47924G	62.04	68.20	-6.16	3	Vertical	223	2.09
5240MHz	Pass	PK	15.71696G	61.55	74.00	-12.45	3	Vertical	27	1.82
5240MHz	Pass	AV	15.72096G	51.98	54.00	-2.02	3	Horizontal	322	1.77
5240MHz	Pass	PK	10.47944G	66.09	68.20	-2.11	3	Horizontal	29	1.99
5240MHz	Pass	PK	15.71668G	66.02	74.00	-7.98	3	Horizontal	322	1.77
5260MHz	Pass	AV	5.1478G	48.64	54.00	-5.36	3	Vertical	349	2.66
5260MHz	Pass	AV	5.2612G	101.87	Inf	-Inf	3	Vertical	349	2.66
5260MHz	Pass	AV	5.3806G	48.85	54.00	-5.15	3	Vertical	349	2.66
5260MHz	Pass	PK	5.1316G	62.21	74.00	-11.79	3	Vertical	349	2.66
5260MHz	Pass	PK	5.2618G	112.18	Inf	-Inf	3	Vertical	349	2.66
5260MHz	Pass	PK	5.3554G	62.05	74.00	-11.95	3	Vertical	349	2.66
5260MHz	Pass	AV	5.146G	48.43	54.00	-5.57	3	Horizontal	331	2.40
5260MHz	Pass	AV	5.2612G	100.49	Inf	-Inf	3	Horizontal	331	2.40
5260MHz	Pass	AV	5.3674G	48.76	54.00	-5.24	3	Horizontal	331	2.40
5260MHz	Pass	PK	5.146G	61.65	74.00	-12.35	3	Horizontal	331	2.40
5260MHz	Pass	PK	5.2612G	110.91	Inf	-Inf	3	Horizontal	331	2.40
5260MHz	Pass	PK	5.3764G	63.21	74.00	-10.79	3	Horizontal	331	2.40
5260MHz	Pass	AV	15.78104G	47.61	54.00	-6.39	3	Vertical	26	1.79
5260MHz	Pass	PK	10.52272G	58.51	68.20	-9.69	3	Vertical	221	1.98

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	PK	15.7768G	61.22	74.00	-12.78	3	Vertical	26	1.79
5260MHz	Pass	AV	15.781G	51.27	54.00	-2.73	3	Horizontal	321	1.72
5260MHz	Pass	PK	10.51916G	63.80	68.20	-4.40	3	Horizontal	27	2.00
5260MHz	Pass	PK	15.7766G	65.40	74.00	-8.60	3	Horizontal	321	1.72
5300MHz	Pass	AV	5.3012G	102.44	Inf	-Inf	3	Vertical	355	2.46
5300MHz	Pass	AV	5.3808G	49.03	54.00	-4.97	3	Vertical	355	2.46
5300MHz	Pass	PK	5.3G	113.49	Inf	-Inf	3	Vertical	355	2.46
5300MHz	Pass	PK	5.3512G	62.71	74.00	-11.29	3	Vertical	355	2.46
5300MHz	Pass	AV	5.3012G	101.52	Inf	-Inf	3	Horizontal	331	2.33
5300MHz	Pass	AV	5.3668G	48.93	54.00	-5.07	3	Horizontal	331	2.33
5300MHz	Pass	PK	5.3G	112.49	Inf	-Inf	3	Horizontal	331	2.33
5300MHz	Pass	PK	5.3916G	62.77	74.00	-11.23	3	Horizontal	331	2.33
5300MHz	Pass	AV	10.60024G	44.91	54.00	-9.09	3	Vertical	202	1.96
5300MHz	Pass	AV	15.9012G	48.07	54.00	-5.93	3	Vertical	31	1.86
5300MHz	Pass	PK	10.59932G	60.39	68.20	-7.81	3	Vertical	202	1.96
5300MHz	Pass	PK	15.8986G	61.58	74.00	-12.42	3	Vertical	31	1.86
5300MHz	Pass	AV	10.60012G	46.66	54.00	-7.34	3	Horizontal	33	1.85
5300MHz	Pass	AV	15.90116G	51.28	54.00	-2.72	3	Horizontal	335	1.73
5300MHz	Pass	PK	10.59924G	62.72	68.20	-5.48	3	Horizontal	33	1.85
5300MHz	Pass	PK	15.89884G	65.72	74.00	-8.28	3	Horizontal	335	1.73
5320MHz	Pass	AV	5.321G	101.70	Inf	-Inf	3	Vertical	351	2.49
5320MHz	Pass	AV	5.3502G	52.30	54.00	-1.70	3	Vertical	351	2.49
5320MHz	Pass	PK	5.3198G	112.68	Inf	-Inf	3	Vertical	351	2.49
5320MHz	Pass	PK	5.3502G	68.81	74.00	-5.19	3	Vertical	351	2.49
5320MHz	Pass	AV	5.3212G	100.83	Inf	-Inf	3	Horizontal	336	2.74
5320MHz	Pass	AV	5.35G	51.42	54.00	-2.58	3	Horizontal	336	2.74
5320MHz	Pass	PK	5.32G	111.75	Inf	-Inf	3	Horizontal	336	2.74
5320MHz	Pass	PK	5.35G	67.94	74.00	-6.06	3	Horizontal	336	2.74
5320MHz	Pass	AV	10.63996G	47.01	54.00	-6.99	3	Vertical	214	1.91
5320MHz	Pass	AV	15.961G	48.01	54.00	-5.99	3	Vertical	32	1.94
5320MHz	Pass	PK	10.63928G	63.16	74.00	-10.84	3	Vertical	214	1.91
5320MHz	Pass	PK	15.95664G	62.43	74.00	-11.57	3	Vertical	32	1.94
5320MHz	Pass	AV	10.63924G	46.59	54.00	-7.41	3	Horizontal	35	1.99
5320MHz	Pass	AV	15.96096G	51.50	54.00	-2.50	3	Horizontal	344	1.76
5320MHz	Pass	PK	10.63928G	62.86	74.00	-11.14	3	Horizontal	35	1.99
5320MHz	Pass	PK	15.9568G	65.81	74.00	-8.19	3	Horizontal	344	1.76
5500MHz	Pass	AV	5.454G	48.97	54.00	-5.03	3	Vertical	351	2.72
5500MHz	Pass	AV	5.501G	100.33	Inf	-Inf	3	Vertical	351	2.72
5500MHz	Pass	PK	5.4562G	61.75	74.00	-12.25	3	Vertical	351	2.72
5500MHz	Pass	PK	5.4684G	63.68	68.20	-4.52	3	Vertical	351	2.72
5500MHz	Pass	PK	5.4998G	111.59	Inf	-Inf	3	Vertical	351	2.72
5500MHz	Pass	AV	5.4596G	49.00	54.00	-5.00	3	Horizontal	327	2.31
5500MHz	Pass	AV	5.501G	100.35	Inf	-Inf	3	Horizontal	327	2.31
5500MHz	Pass	PK	5.4594G	62.08	74.00	-11.92	3	Horizontal	327	2.31
5500MHz	Pass	PK	5.4692G	63.42	68.20	-4.78	3	Horizontal	327	2.31
5500MHz	Pass	PK	5.5G	111.61	Inf	-Inf	3	Horizontal	327	2.31
5500MHz	Pass	AV	11.0002G	47.66	54.00	-6.34	3	Vertical	172	1.44
5500MHz	Pass	PK	10.99924G	63.49	74.00	-10.51	3	Vertical	172	1.44
5500MHz	Pass	PK	16.49664G	61.75	68.20	-6.45	3	Vertical	30	1.86
5500MHz	Pass	AV	11.00036G	47.58	54.00	-6.42	3	Horizontal	254	2.06
5500MHz	Pass	PK	10.9994G	63.56	74.00	-10.44	3	Horizontal	254	2.06
5500MHz	Pass	PK	16.4986G	66.70	68.20	-1.50	3	Horizontal	325	1.75
5580MHz	Pass	AV	5.4468G	49.03	54.00	-4.97	3	Vertical	350	2.35
5580MHz	Pass	AV	5.5812G	97.86	Inf	-Inf	3	Vertical	350	2.35
5580MHz	Pass	PK	5.4426G	61.73	74.00	-12.27	3	Vertical	350	2.35
5580MHz	Pass	PK	5.4672G	61.59	68.20	-6.61	3	Vertical	350	2.35
5580MHz	Pass	PK	5.58G	108.91	Inf	-Inf	3	Vertical	350	2.35
5580MHz	Pass	PK	5.727G	62.36	68.20	-5.84	3	Vertical	350	2.35
5580MHz	Pass	AV	5.439G	48.68	54.00	-5.32	3	Horizontal	326	2.23
5580MHz	Pass	AV	5.5812G	97.44	Inf	-Inf	3	Horizontal	326	2.23
5580MHz	Pass	PK	5.4354G	61.87	74.00	-12.13	3	Horizontal	326	2.23
5580MHz	Pass	PK	5.469G	61.55	68.20	-6.65	3	Horizontal	326	2.23

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	PK	5.58G	108.65	Inf	-Inf	3	Horizontal	326	2.23
5580MHz	Pass	PK	5.7282G	62.55	68.20	-5.65	3	Horizontal	326	2.23
5580MHz	Pass	AV	11.16008G	51.24	54.00	-2.76	3	Vertical	170	1.79
5580MHz	Pass	PK	11.1592G	66.98	74.00	-7.02	3	Vertical	170	1.79
5580MHz	Pass	PK	16.73688G	59.99	68.20	-8.21	3	Vertical	29	1.71
5580MHz	Pass	AV	11.16024G	45.91	54.00	-8.09	3	Horizontal	215	1.35
5580MHz	Pass	PK	11.15928G	61.58	74.00	-12.42	3	Horizontal	215	1.35
5580MHz	Pass	PK	16.73668G	66.69	68.20	-1.51	3	Horizontal	333	1.68
5700MHz	Pass	AV	5.7008G	98.94	Inf	-Inf	3	Vertical	338	2.70
5700MHz	Pass	PK	5.7G	110.05	Inf	-Inf	3	Vertical	338	2.70
5700MHz	Pass	PK	5.7256G	65.28	68.20	-2.92	3	Vertical	338	2.70
5700MHz	Pass	AV	5.7012G	93.53	Inf	-Inf	3	Horizontal	37	1.99
5700MHz	Pass	PK	5.7G	104.41	Inf	-Inf	3	Horizontal	37	1.99
5700MHz	Pass	PK	5.7976G	63.18	68.20	-5.02	3	Horizontal	37	1.99
5700MHz	Pass	AV	11.40012G	48.97	54.00	-5.03	3	Vertical	343	1.86
5700MHz	Pass	PK	11.39922G	64.66	74.00	-9.34	3	Vertical	343	1.86
5700MHz	Pass	PK	17.10576G	59.63	68.20	-8.57	3	Vertical	193	1.50
5700MHz	Pass	AV	11.40024G	46.97	54.00	-7.03	3	Horizontal	184	2.06
5700MHz	Pass	PK	11.3994G	62.35	74.00	-11.65	3	Horizontal	184	2.06
5700MHz	Pass	PK	17.09478G	66.02	68.20	-2.18	3	Horizontal	169	1.81
5745MHz	Pass	AV	5.4462G	48.53	54.00	-5.47	3	Vertical	340	1.13
5745MHz	Pass	AV	5.7462G	95.07	Inf	-Inf	3	Vertical	340	1.13
5745MHz	Pass	PK	5.5602G	62.23	68.20	-5.97	3	Vertical	340	1.13
5745MHz	Pass	PK	5.745G	105.59	Inf	-Inf	3	Vertical	340	1.13
5745MHz	Pass	PK	5.9718G	64.28	68.20	-3.92	3	Vertical	340	1.13
5745MHz	Pass	AV	5.4594G	48.52	54.00	-5.48	3	Horizontal	343	2.55
5745MHz	Pass	AV	5.7462G	95.11	Inf	-Inf	3	Horizontal	343	2.55
5745MHz	Pass	PK	5.5998G	62.27	68.20	-5.93	3	Horizontal	343	2.55
5745MHz	Pass	PK	5.745G	105.81	Inf	-Inf	3	Horizontal	343	2.55
5745MHz	Pass	PK	6.0234G	64.31	68.20	-3.89	3	Horizontal	343	2.55
5745MHz	Pass	AV	11.49004G	49.97	54.00	-4.03	3	Vertical	216	1.11
5745MHz	Pass	PK	11.48936G	65.75	74.00	-8.25	3	Vertical	216	1.11
5745MHz	Pass	PK	17.23372G	65.90	68.20	-2.30	3	Vertical	265	1.95
5745MHz	Pass	AV	11.4902G	43.92	54.00	-10.08	3	Horizontal	194	1.00
5745MHz	Pass	PK	11.4892G	59.79	74.00	-14.21	3	Horizontal	194	1.00
5745MHz	Pass	PK	17.23368G	66.62	68.20	-1.58	3	Horizontal	331	1.76
5785MHz	Pass	AV	5.7862G	96.93	Inf	-Inf	3	Vertical	357	2.75
5785MHz	Pass	PK	5.5918G	62.77	68.20	-5.43	3	Vertical	357	2.75
5785MHz	Pass	PK	5.785G	108.46	Inf	-Inf	3	Vertical	357	2.75
5785MHz	Pass	PK	6.0202G	63.90	68.20	-4.30	3	Vertical	357	2.75
5785MHz	Pass	AV	5.7862G	92.69	Inf	-Inf	3	Horizontal	27	2.04
5785MHz	Pass	PK	5.4994G	62.43	68.20	-5.77	3	Horizontal	27	2.04
5785MHz	Pass	PK	5.785G	102.85	Inf	-Inf	3	Horizontal	27	2.04
5785MHz	Pass	PK	6.0562G	64.07	68.20	-4.13	3	Horizontal	27	2.04
5785MHz	Pass	AV	11.57018G	48.27	54.00	-5.73	3	Vertical	166	2.01
5785MHz	Pass	PK	11.56922G	64.04	74.00	-9.96	3	Vertical	166	2.01
5785MHz	Pass	PK	17.34966G	61.36	68.20	-6.84	3	Vertical	24	1.82
5785MHz	Pass	AV	11.56886G	42.09	54.00	-11.91	3	Horizontal	6	2.06
5785MHz	Pass	PK	11.56928G	57.38	74.00	-16.62	3	Horizontal	6	2.06
5785MHz	Pass	PK	17.35278G	66.62	68.20	-1.58	3	Horizontal	335	2.32
5825MHz	Pass	AV	5.8262G	95.53	Inf	-Inf	3	Vertical	360	2.53
5825MHz	Pass	PK	5.6162G	62.96	68.20	-5.24	3	Vertical	360	2.53
5825MHz	Pass	PK	5.8238G	105.13	Inf	-Inf	3	Vertical	360	2.53
5825MHz	Pass	PK	5.9798G	64.46	68.20	-3.74	3	Vertical	360	2.53
5825MHz	Pass	AV	5.8262G	91.54	Inf	-Inf	3	Horizontal	25	1.82
5825MHz	Pass	PK	5.5274G	62.55	68.20	-5.65	3	Horizontal	25	1.82
5825MHz	Pass	PK	5.825G	102.65	Inf	-Inf	3	Horizontal	25	1.82
5825MHz	Pass	PK	5.9846G	64.28	68.20	-3.92	3	Horizontal	25	1.82
5825MHz	Pass	AV	11.6503G	44.74	54.00	-9.26	3	Vertical	340	1.82
5825MHz	Pass	PK	11.64922G	60.38	74.00	-13.62	3	Vertical	340	1.82
5825MHz	Pass	PK	17.47272G	58.45	68.20	-9.75	3	Vertical	199	1.04
5825MHz	Pass	AV	11.6502G	41.97	54.00	-12.03	3	Horizontal	183	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	PK	11.64936G	57.72	74.00	-16.28	3	Horizontal	183	1.00
5825MHz	Pass	PK	17.48094G	65.49	68.20	-2.71	3	Horizontal	351	1.78
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1496G	52.41	54.00	-1.59	3	Vertical	351	1.98
5180MHz	Pass	AV	5.1794G	101.68	Inf	-Inf	3	Vertical	351	1.98
5180MHz	Pass	PK	5.15G	68.05	74.00	-5.95	3	Vertical	351	1.98
5180MHz	Pass	PK	5.1812G	111.11	Inf	-Inf	3	Vertical	351	1.98
5180MHz	Pass	AV	5.15G	52.34	54.00	-1.66	3	Horizontal	328	2.42
5180MHz	Pass	AV	5.1794G	100.34	Inf	-Inf	3	Horizontal	328	2.42
5180MHz	Pass	PK	5.1496G	67.57	74.00	-6.43	3	Horizontal	328	2.42
5180MHz	Pass	PK	5.1782G	109.72	Inf	-Inf	3	Horizontal	328	2.42
5180MHz	Pass	AV	15.542G	47.25	54.00	-6.75	3	Vertical	190	1.64
5180MHz	Pass	PK	10.3646G	59.72	68.20	-8.48	3	Vertical	331	1.00
5180MHz	Pass	PK	15.53628G	61.20	74.00	-12.80	3	Vertical	190	1.64
5180MHz	Pass	AV	15.54208G	51.53	54.00	-2.47	3	Horizontal	318	1.73
5180MHz	Pass	PK	10.36488G	66.16	68.20	-2.04	3	Horizontal	18	1.93
5180MHz	Pass	PK	15.53624G	65.88	74.00	-8.12	3	Horizontal	318	1.73
5200MHz	Pass	AV	5.1472G	49.05	54.00	-4.95	3	Vertical	356	1.93
5200MHz	Pass	AV	5.1992G	101.81	Inf	-Inf	3	Vertical	356	1.93
5200MHz	Pass	PK	5.1152G	62.38	74.00	-11.62	3	Vertical	356	1.93
5200MHz	Pass	PK	5.1984G	111.30	Inf	-Inf	3	Vertical	356	1.93
5200MHz	Pass	AV	5.1488G	49.01	54.00	-4.99	3	Horizontal	328	2.58
5200MHz	Pass	AV	5.2012G	100.77	Inf	-Inf	3	Horizontal	328	2.58
5200MHz	Pass	PK	5.118G	62.38	74.00	-11.62	3	Horizontal	328	2.58
5200MHz	Pass	PK	5.2012G	110.29	Inf	-Inf	3	Horizontal	328	2.58
5200MHz	Pass	AV	15.60204G	47.16	54.00	-6.84	3	Vertical	186	1.65
5200MHz	Pass	PK	10.3986G	58.76	68.20	-9.44	3	Vertical	334	1.00
5200MHz	Pass	PK	15.601G	61.05	74.00	-12.95	3	Vertical	186	1.65
5200MHz	Pass	AV	15.60212G	51.72	54.00	-2.28	3	Horizontal	321	1.75
5200MHz	Pass	PK	10.39872G	65.58	68.20	-2.62	3	Horizontal	18	1.96
5200MHz	Pass	PK	15.60104G	65.75	74.00	-8.25	3	Horizontal	321	1.75
5240MHz	Pass	AV	5.1296G	49.10	54.00	-4.90	3	Vertical	347	2.37
5240MHz	Pass	AV	5.2394G	101.72	Inf	-Inf	3	Vertical	347	2.37
5240MHz	Pass	AV	5.3846G	49.44	54.00	-4.56	3	Vertical	347	2.37
5240MHz	Pass	PK	5.1164G	62.01	74.00	-11.99	3	Vertical	347	2.37
5240MHz	Pass	PK	5.2382G	111.19	Inf	-Inf	3	Vertical	347	2.37
5240MHz	Pass	PK	5.378G	62.54	74.00	-11.46	3	Vertical	347	2.37
5240MHz	Pass	AV	5.1476G	49.20	54.00	-4.80	3	Horizontal	327	2.70
5240MHz	Pass	AV	5.2394G	101.11	Inf	-Inf	3	Horizontal	327	2.70
5240MHz	Pass	AV	5.366G	49.37	54.00	-4.63	3	Horizontal	327	2.70
5240MHz	Pass	PK	5.102G	62.39	74.00	-11.61	3	Horizontal	327	2.70
5240MHz	Pass	PK	5.2382G	110.50	Inf	-Inf	3	Horizontal	327	2.70
5240MHz	Pass	PK	5.3642G	62.13	74.00	-11.87	3	Horizontal	327	2.70
5240MHz	Pass	AV	15.71816G	46.33	54.00	-7.67	3	Vertical	185	1.74
5240MHz	Pass	PK	10.48076G	59.12	68.20	-9.08	3	Vertical	300	1.93
5240MHz	Pass	PK	15.71628G	60.51	74.00	-13.49	3	Vertical	185	1.74
5240MHz	Pass	AV	15.71876G	50.59	54.00	-3.41	3	Horizontal	277	1.76
5240MHz	Pass	PK	10.47864G	64.46	68.20	-3.74	3	Horizontal	21	1.90
5240MHz	Pass	PK	15.71656G	65.72	74.00	-8.28	3	Horizontal	277	1.76
5260MHz	Pass	AV	5.1484G	48.92	54.00	-5.08	3	Vertical	348	2.25
5260MHz	Pass	AV	5.2582G	101.68	Inf	-Inf	3	Vertical	348	2.25
5260MHz	Pass	AV	5.3524G	49.26	54.00	-4.74	3	Vertical	348	2.25
5260MHz	Pass	PK	5.1232G	62.35	74.00	-11.65	3	Vertical	348	2.25
5260MHz	Pass	PK	5.2582G	111.14	Inf	-Inf	3	Vertical	348	2.25
5260MHz	Pass	PK	5.3842G	62.92	74.00	-11.08	3	Vertical	348	2.25
5260MHz	Pass	AV	5.1388G	48.91	54.00	-5.09	3	Horizontal	328	2.40
5260MHz	Pass	AV	5.2594G	101.40	Inf	-Inf	3	Horizontal	328	2.40
5260MHz	Pass	AV	5.3596G	49.29	54.00	-4.71	3	Horizontal	328	2.40
5260MHz	Pass	PK	5.128G	63.15	74.00	-10.85	3	Horizontal	328	2.40
5260MHz	Pass	PK	5.2582G	110.83	Inf	-Inf	3	Horizontal	328	2.40
5260MHz	Pass	PK	5.3758G	62.09	74.00	-11.91	3	Horizontal	328	2.40
5260MHz	Pass	AV	15.77876G	48.19	54.00	-5.81	3	Vertical	279	2.80

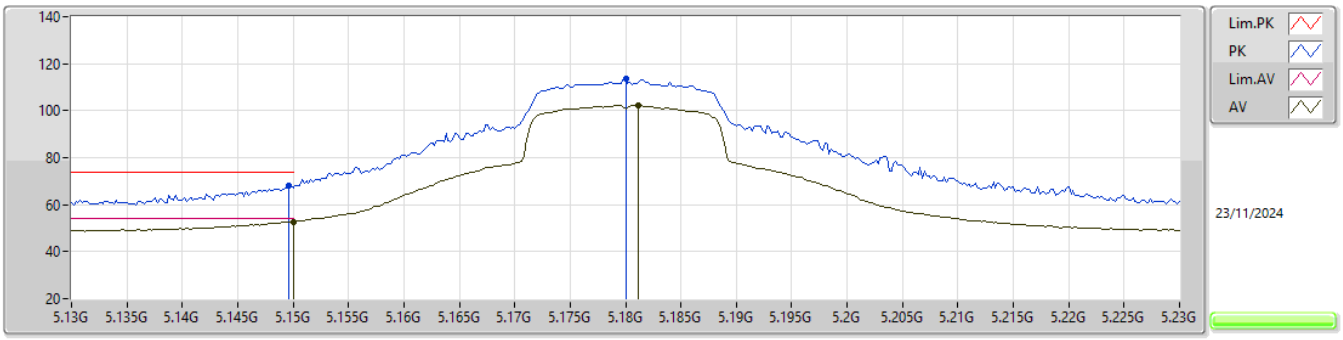
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	PK	10.52488G	58.94	68.20	-9.26	3	Vertical	316	2.03
5260MHz	Pass	PK	15.77628G	62.18	74.00	-11.82	3	Vertical	279	2.80
5260MHz	Pass	AV	15.77864G	51.48	54.00	-2.52	3	Horizontal	331	1.81
5260MHz	Pass	PK	10.51868G	63.23	68.20	-4.97	3	Horizontal	21	1.85
5260MHz	Pass	PK	15.78132G	65.40	74.00	-8.60	3	Horizontal	331	1.81
5300MHz	Pass	AV	5.2992G	102.22	Inf	-Inf	3	Vertical	340	2.61
5300MHz	Pass	AV	5.3524G	49.05	54.00	-4.95	3	Vertical	340	2.61
5300MHz	Pass	PK	5.298G	111.48	Inf	-Inf	3	Vertical	340	2.61
5300MHz	Pass	PK	5.3528G	62.57	74.00	-11.43	3	Vertical	340	2.61
5300MHz	Pass	AV	5.2992G	101.24	Inf	-Inf	3	Horizontal	328	2.77
5300MHz	Pass	AV	5.3536G	49.08	54.00	-4.92	3	Horizontal	328	2.77
5300MHz	Pass	PK	5.3012G	110.60	Inf	-Inf	3	Horizontal	328	2.77
5300MHz	Pass	PK	5.3848G	62.88	74.00	-11.12	3	Horizontal	328	2.77
5300MHz	Pass	AV	15.90216G	48.30	54.00	-5.70	3	Vertical	278	2.88
5300MHz	Pass	PK	10.60192G	57.12	74.00	-16.88	3	Vertical	196	2.28
5300MHz	Pass	PK	15.9012G	62.76	74.00	-11.24	3	Vertical	278	2.88
5300MHz	Pass	AV	15.90204G	52.44	54.00	-1.56	3	Horizontal	331	1.73
5300MHz	Pass	PK	10.60272G	61.90	74.00	-12.10	3	Horizontal	343	2.59
5300MHz	Pass	PK	15.90112G	66.31	74.00	-7.69	3	Horizontal	331	1.73
5320MHz	Pass	AV	5.3192G	101.57	Inf	-Inf	3	Vertical	342	2.42
5320MHz	Pass	AV	5.35G	51.89	54.00	-2.11	3	Vertical	342	2.42
5320MHz	Pass	PK	5.3182G	111.06	Inf	-Inf	3	Vertical	342	2.42
5320MHz	Pass	PK	5.3516G	67.94	74.00	-6.06	3	Vertical	342	2.42
5320MHz	Pass	AV	5.3192G	100.79	Inf	-Inf	3	Horizontal	328	2.43
5320MHz	Pass	AV	5.35G	51.64	54.00	-2.36	3	Horizontal	328	2.43
5320MHz	Pass	PK	5.318G	110.14	Inf	-Inf	3	Horizontal	328	2.43
5320MHz	Pass	PK	5.3502G	68.14	74.00	-5.86	3	Horizontal	328	2.43
5320MHz	Pass	AV	10.63888G	46.80	54.00	-7.20	3	Vertical	221	2.96
5320MHz	Pass	AV	15.96216G	47.48	54.00	-6.52	3	Vertical	279	2.38
5320MHz	Pass	PK	10.64092G	60.53	74.00	-13.47	3	Vertical	221	2.96
5320MHz	Pass	PK	15.95636G	61.73	74.00	-12.27	3	Vertical	279	2.38
5320MHz	Pass	AV	10.63884G	45.57	54.00	-8.43	3	Horizontal	23	1.89
5320MHz	Pass	AV	15.96208G	51.35	54.00	-2.65	3	Horizontal	337	1.70
5320MHz	Pass	PK	10.64272G	60.31	74.00	-13.69	3	Horizontal	23	1.89
5320MHz	Pass	PK	15.95632G	65.56	74.00	-8.44	3	Horizontal	337	1.70
5500MHz	Pass	AV	5.4548G	49.12	54.00	-4.88	3	Vertical	342	2.73
5500MHz	Pass	AV	5.4992G	98.04	Inf	-Inf	3	Vertical	342	2.73
5500MHz	Pass	PK	5.4524G	61.66	74.00	-12.34	3	Vertical	342	2.73
5500MHz	Pass	PK	5.4646G	62.00	68.20	-6.20	3	Vertical	342	2.73
5500MHz	Pass	PK	5.5012G	107.42	Inf	-Inf	3	Vertical	342	2.73
5500MHz	Pass	AV	5.4554G	49.00	54.00	-5.00	3	Horizontal	319	2.57
5500MHz	Pass	AV	5.4992G	97.74	Inf	-Inf	3	Horizontal	319	2.57
5500MHz	Pass	PK	5.4536G	62.31	74.00	-11.69	3	Horizontal	319	2.57
5500MHz	Pass	PK	5.4674G	62.14	68.20	-6.06	3	Horizontal	319	2.57
5500MHz	Pass	PK	5.4982G	107.09	Inf	-Inf	3	Horizontal	319	2.57
5500MHz	Pass	AV	10.99976G	47.75	54.00	-6.25	3	Vertical	217	1.50
5500MHz	Pass	PK	11.00472G	61.50	74.00	-12.50	3	Vertical	217	1.50
5500MHz	Pass	PK	16.49632G	59.28	68.20	-8.92	3	Vertical	184	1.45
5500MHz	Pass	AV	10.99968G	45.20	54.00	-8.80	3	Horizontal	321	2.04
5500MHz	Pass	PK	11.00484G	58.47	74.00	-15.53	3	Horizontal	321	2.04
5500MHz	Pass	PK	16.49632G	66.19	68.20	-2.01	3	Horizontal	320	1.76
5580MHz	Pass	AV	5.4474G	49.23	54.00	-4.77	3	Vertical	342	2.36
5580MHz	Pass	AV	5.5788G	97.87	Inf	-Inf	3	Vertical	342	2.36
5580MHz	Pass	PK	5.4522G	61.94	74.00	-12.06	3	Vertical	342	2.36
5580MHz	Pass	PK	5.469G	61.44	68.20	-6.76	3	Vertical	342	2.36
5580MHz	Pass	PK	5.5788G	107.21	Inf	-Inf	3	Vertical	342	2.36
5580MHz	Pass	PK	5.7258G	62.04	68.20	-6.16	3	Vertical	342	2.36
5580MHz	Pass	AV	5.457G	49.05	54.00	-4.95	3	Horizontal	318	2.49
5580MHz	Pass	AV	5.5794G	96.47	Inf	-Inf	3	Horizontal	318	2.49
5580MHz	Pass	PK	5.4516G	61.96	74.00	-12.04	3	Horizontal	318	2.49
5580MHz	Pass	PK	5.4636G	61.90	68.20	-6.30	3	Horizontal	318	2.49
5580MHz	Pass	PK	5.5776G	105.81	Inf	-Inf	3	Horizontal	318	2.49

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	PK	5.73G	63.10	68.20	-5.10	3	Horizontal	318	2.49
5580MHz	Pass	AV	11.15976G	50.64	54.00	-3.36	3	Vertical	216	1.18
5580MHz	Pass	PK	11.16476G	63.87	74.00	-10.13	3	Vertical	216	1.18
5580MHz	Pass	PK	16.73624G	59.26	68.20	-8.94	3	Vertical	183	1.60
5580MHz	Pass	AV	11.15948G	48.09	54.00	-5.91	3	Horizontal	317	1.94
5580MHz	Pass	PK	11.16448G	60.89	74.00	-13.11	3	Horizontal	317	1.94
5580MHz	Pass	PK	16.73636G	66.53	68.20	-1.67	3	Horizontal	322	1.70
5700MHz	Pass	AV	5.6992G	94.82	Inf	-Inf	3	Vertical	341	1.17
5700MHz	Pass	PK	5.6984G	104.22	Inf	-Inf	3	Vertical	341	1.17
5700MHz	Pass	PK	5.7864G	63.26	68.20	-4.94	3	Vertical	341	1.17
5700MHz	Pass	AV	5.6992G	95.14	Inf	-Inf	3	Horizontal	313	2.61
5700MHz	Pass	PK	5.698G	104.44	Inf	-Inf	3	Horizontal	313	2.61
5700MHz	Pass	PK	5.7424G	63.99	68.20	-4.21	3	Horizontal	313	2.61
5700MHz	Pass	AV	11.3998G	50.95	54.00	-3.05	3	Vertical	215	1.88
5700MHz	Pass	PK	11.40472G	64.28	74.00	-9.72	3	Vertical	215	1.88
5700MHz	Pass	PK	17.09648G	61.24	68.20	-6.96	3	Vertical	270	2.11
5700MHz	Pass	AV	11.39904G	45.69	54.00	-8.31	3	Horizontal	205	1.92
5700MHz	Pass	PK	11.40476G	58.86	74.00	-15.14	3	Horizontal	205	1.92
5700MHz	Pass	PK	17.09652G	66.27	68.20	-1.93	3	Horizontal	331	1.75
5745MHz	Pass	AV	5.445G	48.92	54.00	-5.08	3	Vertical	340	1.13
5745MHz	Pass	AV	5.745G	93.56	Inf	-Inf	3	Vertical	340	1.13
5745MHz	Pass	PK	5.6502G	62.14	68.35	-6.21	3	Vertical	340	1.13
5745MHz	Pass	PK	5.7462G	103.01	Inf	-Inf	3	Vertical	340	1.13
5745MHz	Pass	PK	5.9886G	64.31	68.20	-3.89	3	Vertical	340	1.13
5745MHz	Pass	AV	5.457G	48.84	54.00	-5.16	3	Horizontal	341	2.54
5745MHz	Pass	AV	5.7438G	93.63	Inf	-Inf	3	Horizontal	341	2.54
5745MHz	Pass	PK	5.4906G	62.60	68.20	-5.60	3	Horizontal	341	2.54
5745MHz	Pass	PK	5.7438G	103.04	Inf	-Inf	3	Horizontal	341	2.54
5745MHz	Pass	PK	5.9502G	63.90	68.20	-4.30	3	Horizontal	341	2.54
5745MHz	Pass	AV	11.48964G	48.66	54.00	-5.34	3	Vertical	217	1.12
5745MHz	Pass	PK	11.49452G	62.33	74.00	-11.67	3	Vertical	217	1.12
5745MHz	Pass	PK	17.231G	60.39	68.20	-7.81	3	Vertical	271	2.13
5745MHz	Pass	AV	11.48912G	42.43	54.00	-11.57	3	Horizontal	184	1.14
5745MHz	Pass	PK	11.49468G	55.45	74.00	-18.55	3	Horizontal	184	1.14
5745MHz	Pass	PK	17.23134G	66.41	68.20	-1.79	3	Horizontal	331	1.73
5785MHz	Pass	AV	5.7838G	94.49	Inf	-Inf	3	Vertical	3	2.52
5785MHz	Pass	PK	5.5702G	62.25	68.20	-5.95	3	Vertical	3	2.52
5785MHz	Pass	PK	5.7838G	104.05	Inf	-Inf	3	Vertical	3	2.52
5785MHz	Pass	PK	5.9518G	64.29	68.20	-3.91	3	Vertical	3	2.52
5785MHz	Pass	AV	5.7838G	90.17	Inf	-Inf	3	Horizontal	27	2.04
5785MHz	Pass	PK	5.6158G	62.61	68.20	-5.59	3	Horizontal	27	2.04
5785MHz	Pass	PK	5.7862G	99.79	Inf	-Inf	3	Horizontal	27	2.04
5785MHz	Pass	PK	6.0706G	64.38	68.20	-3.82	3	Horizontal	27	2.04
5785MHz	Pass	AV	11.5688G	47.28	54.00	-6.72	3	Vertical	216	1.01
5785MHz	Pass	PK	11.5688G	60.81	74.00	-13.19	3	Vertical	216	1.01
5785MHz	Pass	PK	17.351G	59.30	68.20	-8.90	3	Vertical	272	1.50
5785MHz	Pass	AV	11.5698G	41.52	54.00	-12.48	3	Horizontal	184	1.09
5785MHz	Pass	PK	11.56876G	55.95	74.00	-18.05	3	Horizontal	184	1.09
5785MHz	Pass	PK	17.3514G	66.26	68.20	-1.94	3	Horizontal	330	1.78
5825MHz	Pass	AV	5.8238G	94.40	Inf	-Inf	3	Vertical	1	2.69
5825MHz	Pass	PK	5.5274G	62.33	68.20	-5.87	3	Vertical	1	2.69
5825MHz	Pass	PK	5.8262G	103.66	Inf	-Inf	3	Vertical	1	2.69
5825MHz	Pass	PK	5.9426G	64.47	68.20	-3.73	3	Vertical	1	2.69
5825MHz	Pass	AV	5.8262G	89.58	Inf	-Inf	3	Horizontal	28	1.50
5825MHz	Pass	PK	5.5358G	63.74	68.20	-4.46	3	Horizontal	28	1.50
5825MHz	Pass	PK	5.8262G	99.09	Inf	-Inf	3	Horizontal	28	1.50
5825MHz	Pass	PK	5.9342G	64.88	68.20	-3.32	3	Horizontal	28	1.50
5825MHz	Pass	AV	11.64876G	46.43	54.00	-7.57	3	Vertical	134	1.83
5825MHz	Pass	PK	11.65452G	59.83	74.00	-14.17	3	Vertical	134	1.83
5825MHz	Pass	PK	17.4712G	60.66	68.20	-7.54	3	Vertical	277	1.79
5825MHz	Pass	AV	11.649G	41.39	54.00	-12.61	3	Horizontal	183	1.00
5825MHz	Pass	PK	11.6488G	54.77	74.00	-19.23	3	Horizontal	183	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	PK	17.4711G	66.51	68.20	-1.69	3	Horizontal	330	1.77

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

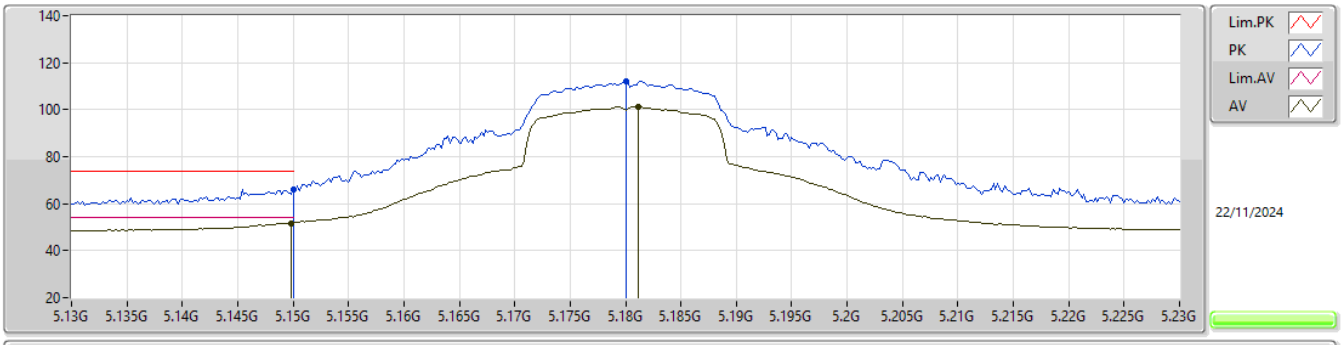
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.41	54.00	-1.59	11.26	3	Vertical	352	2.60	41.15	33.50	4.81	27.05
AV	5.1812G	102.50	Inf	-Inf	11.15	3	Vertical	352	2.60	91.35	33.38	4.83	27.06
PK	5.1496G	68.30	74.00	-5.70	11.26	3	Vertical	352	2.60	57.04	33.50	4.81	27.05
PK	5.18G	113.59	Inf	-Inf	11.15	3	Vertical	352	2.60	102.44	33.38	4.83	27.06

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

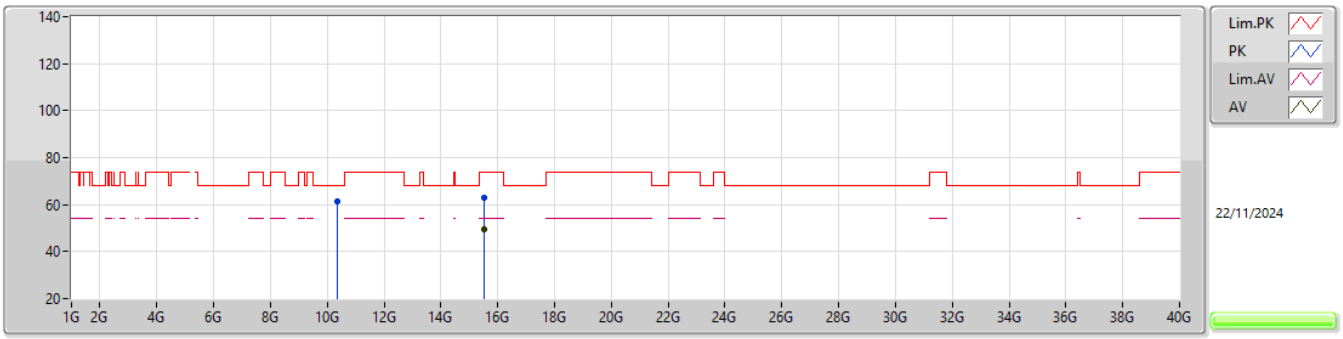
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1498G	51.81	54.00	-2.19	11.26	3	Horizontal	325	2.67	40.55	33.50	4.81	27.05
AV	5.1812G	101.40	Inf	-Inf	11.15	3	Horizontal	325	2.67	90.25	33.38	4.83	27.06
PK	5.15G	66.25	74.00	-7.75	11.26	3	Horizontal	325	2.67	54.99	33.50	4.81	27.05
PK	5.18G	112.30	Inf	-Inf	11.15	3	Horizontal	325	2.67	101.15	33.38	4.83	27.06

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

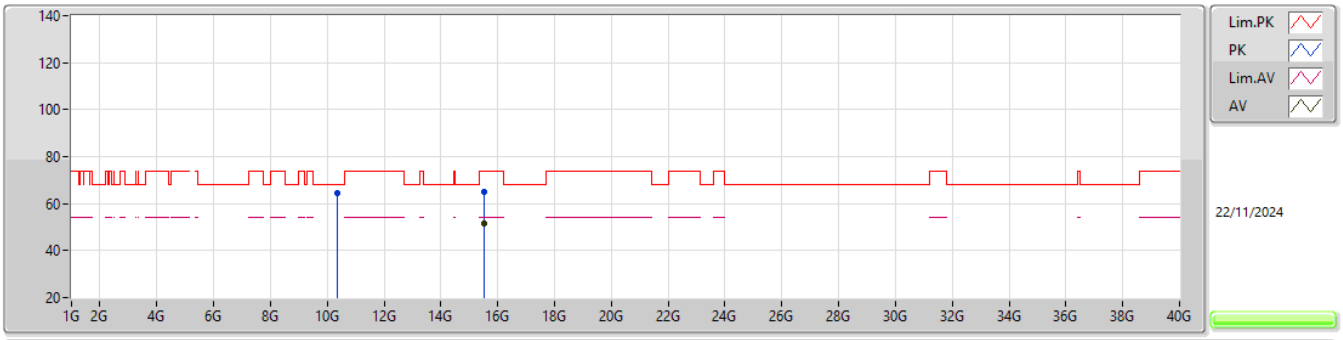
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	15.54102G	49.41	54.00	-4.59	5.20	3	Vertical	144	1.00	44.21	38.30	9.85	42.95
PK	10.35922G	61.18	68.20	-7.02	4.12	3	Vertical	223	2.06	57.06	38.72	7.30	41.90
PK	15.53886G	63.00	74.00	-11.00	5.20	3	Vertical	144	1.00	57.80	38.30	9.85	42.95

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

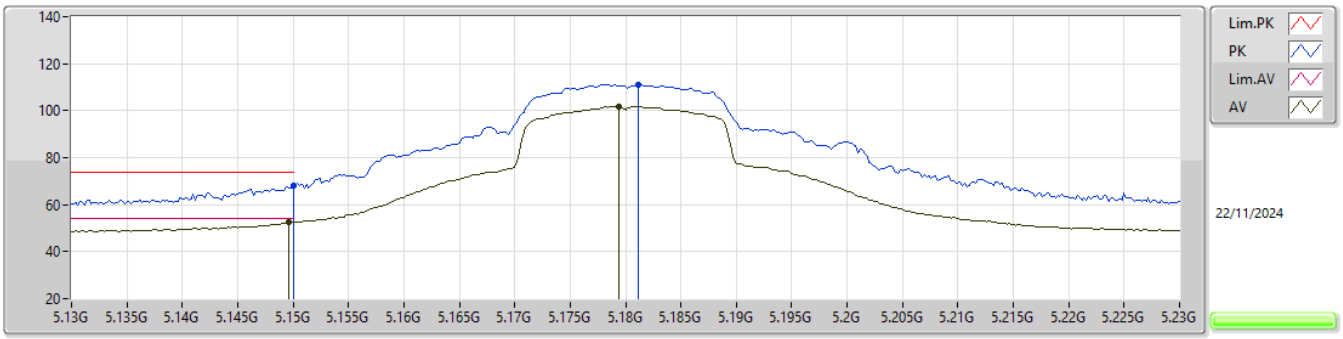
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	15.54096G	51.38	54.00	-2.62	5.20	3	Horizontal	313	1.75	46.18	38.30	9.85	42.95
PK	10.36096G	64.30	68.20	-3.90	4.12	3	Horizontal	23	1.88	60.18	38.72	7.30	41.90
PK	15.5385G	64.89	74.00	-9.11	5.21	3	Horizontal	313	1.75	59.68	38.30	9.85	42.94

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

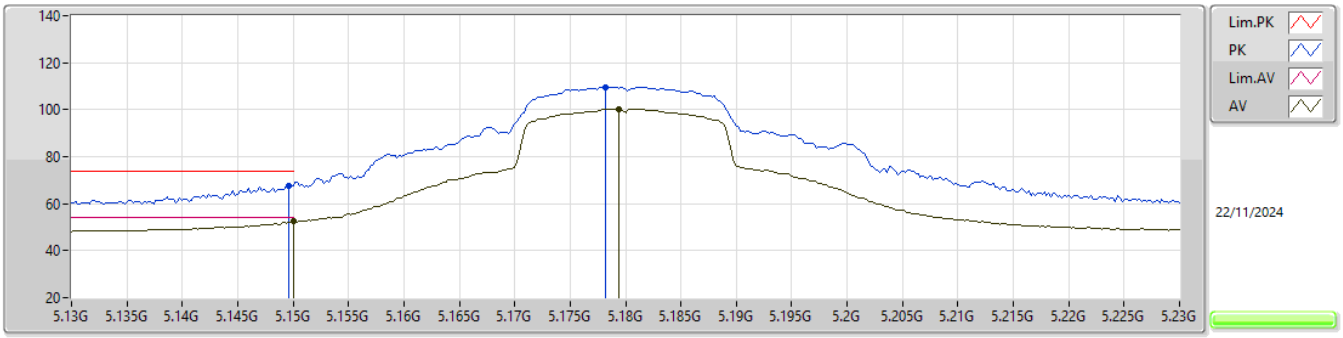
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	52.41	54.00	-1.59	11.26	3	Vertical	351	1.98	41.15	33.50	4.81	27.05
AV	5.1794G	101.68	Inf	-Inf	11.15	3	Vertical	351	1.98	90.53	33.38	4.83	27.06
PK	5.15G	68.05	74.00	-5.95	11.26	3	Vertical	351	1.98	56.79	33.50	4.81	27.05
PK	5.1812G	111.11	Inf	-Inf	11.15	3	Vertical	351	1.98	99.96	33.38	4.83	27.06

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

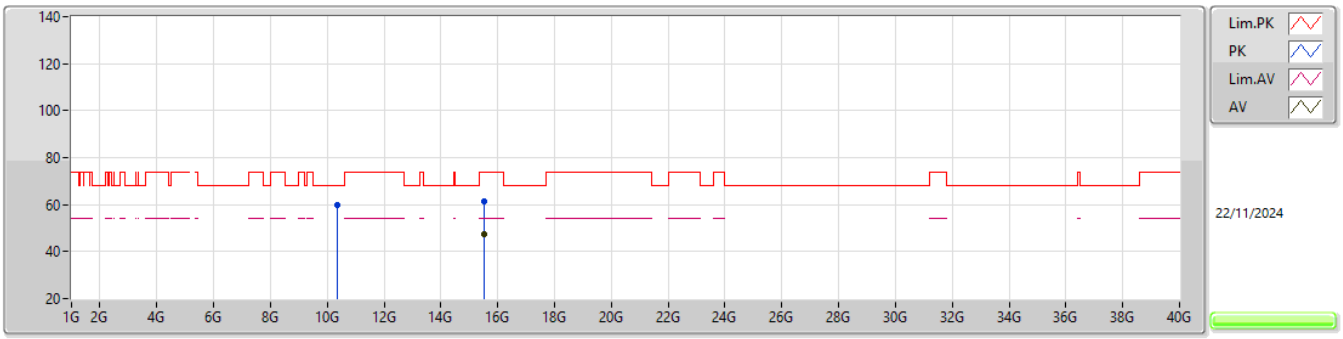
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.34	54.00	-1.66	11.26	3	Horizontal	328	2.42	41.08	33.50	4.81	27.05
AV	5.1794G	100.34	Inf	-Inf	11.15	3	Horizontal	328	2.42	89.19	33.38	4.83	27.06
PK	5.1496G	67.57	74.00	-6.43	11.26	3	Horizontal	328	2.42	56.31	33.50	4.81	27.05
PK	5.1782G	109.72	Inf	-Inf	11.16	3	Horizontal	328	2.42	98.56	33.39	4.83	27.06

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

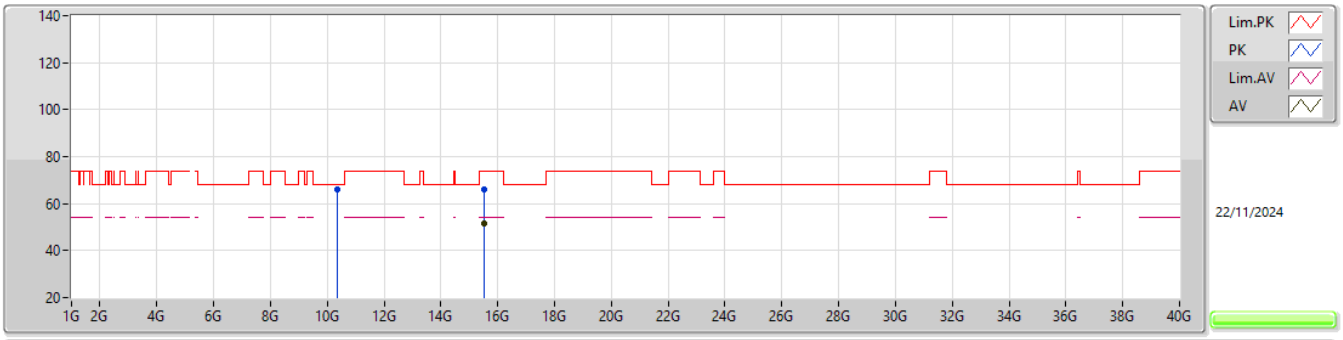
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	15.542G	47.25	54.00	-6.75	5.20	3	Vertical	190	1.64	42.05	38.30	9.85	42.95
PK	10.3646G	59.72	68.20	-8.48	4.13	3	Vertical	331	1.00	55.59	38.73	7.30	41.90
PK	15.53628G	61.20	74.00	-12.80	5.21	3	Vertical	190	1.64	55.99	38.30	9.85	42.94

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

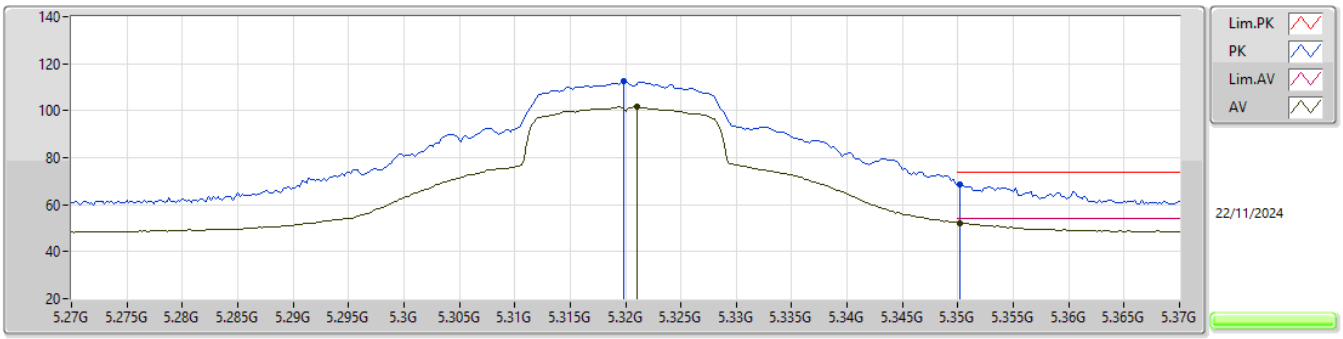
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	15.54208G	51.53	54.00	-2.47	5.20	3	Horizontal	318	1.73	46.33	38.30	9.85	42.95
PK	10.36488G	66.16	68.20	-2.04	4.13	3	Horizontal	18	1.93	62.03	38.73	7.30	41.90
PK	15.53624G	65.88	74.00	-8.12	5.21	3	Horizontal	318	1.73	60.67	38.30	9.85	42.94

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

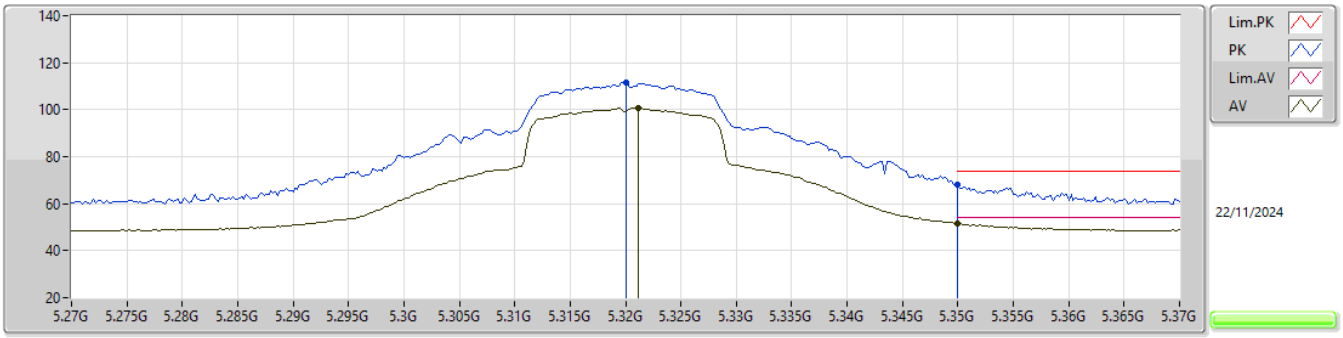
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.321G	101.70	Inf	-Inf	10.87	3	Vertical	351	2.49	90.83	33.10	4.89	27.12
AV	5.3502G	52.30	54.00	-1.70	10.88	3	Vertical	351	2.49	41.42	33.10	4.91	27.13
PK	5.3198G	112.68	Inf	-Inf	10.87	3	Vertical	351	2.49	101.81	33.10	4.89	27.12
PK	5.3502G	68.81	74.00	-5.19	10.88	3	Vertical	351	2.49	57.93	33.10	4.91	27.13

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

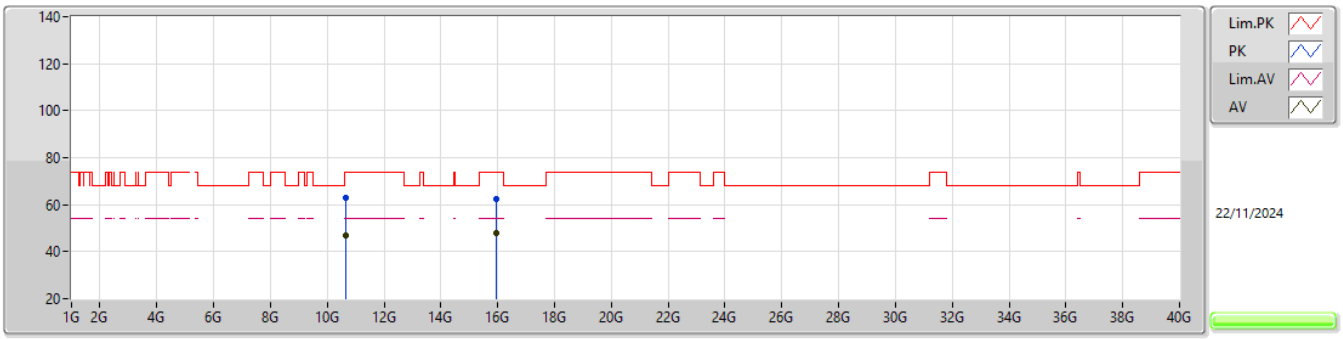
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3212G	100.83	Inf	-Inf	10.87	3	Horizontal	336	2.74	89.96	33.10	4.89	27.12
AV	5.35G	51.42	54.00	-2.58	10.88	3	Horizontal	336	2.74	40.54	33.10	4.91	27.13
PK	5.32G	111.75	Inf	-Inf	10.87	3	Horizontal	336	2.74	100.88	33.10	4.89	27.12
PK	5.35G	67.94	74.00	-6.06	10.88	3	Horizontal	336	2.74	57.06	33.10	4.91	27.13

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

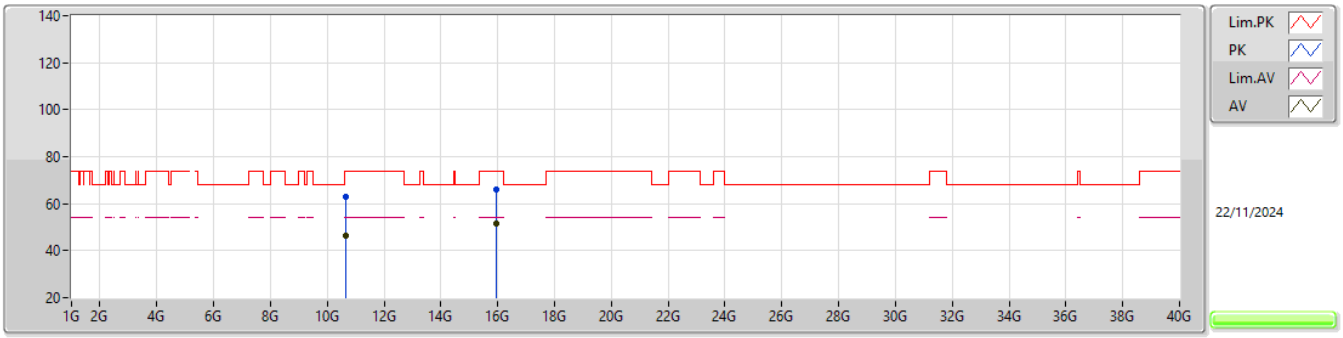
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.63996G	47.01	54.00	-6.99	4.53	3	Vertical	214	1.91	42.48	39.18	7.42	42.07
AV	15.961G	48.01	54.00	-5.99	4.41	3	Vertical	32	1.94	43.60	37.78	10.06	43.43
PK	10.63928G	63.16	74.00	-10.84	4.53	3	Vertical	214	1.91	58.63	39.18	7.42	42.07
PK	15.95664G	62.43	74.00	-11.57	4.42	3	Vertical	32	1.94	58.01	37.79	10.06	43.43

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

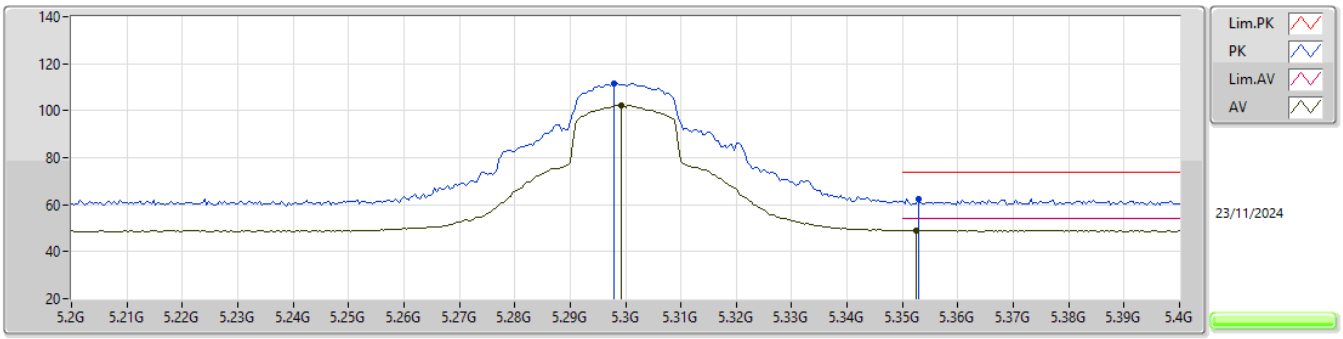
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.63924G	46.59	54.00	-7.41	4.53	3	Horizontal	35	1.99	42.06	39.18	7.42	42.07
AV	15.96096G	51.50	54.00	-2.50	4.41	3	Horizontal	344	1.76	47.09	37.78	10.06	43.43
PK	10.63928G	62.86	74.00	-11.14	4.53	3	Horizontal	35	1.99	58.33	39.18	7.42	42.07
PK	15.9568G	65.81	74.00	-8.19	4.42	3	Horizontal	344	1.76	61.39	37.79	10.06	43.43

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

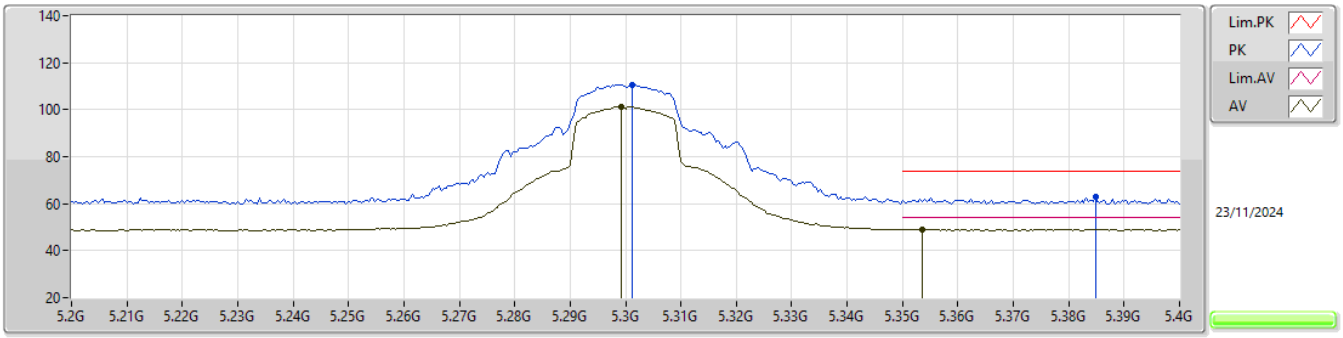
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	102.22	Inf	-Inf	10.87	3	Vertical	340	2.61	91.35	33.10	4.88	27.11
AV	5.3524G	49.05	54.00	-4.95	10.88	3	Vertical	340	2.61	38.17	33.10	4.91	27.13
PK	5.298G	111.48	Inf	-Inf	10.87	3	Vertical	340	2.61	100.61	33.10	4.88	27.11
PK	5.3528G	62.57	74.00	-11.43	10.87	3	Vertical	340	2.61	51.70	33.09	4.91	27.13

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

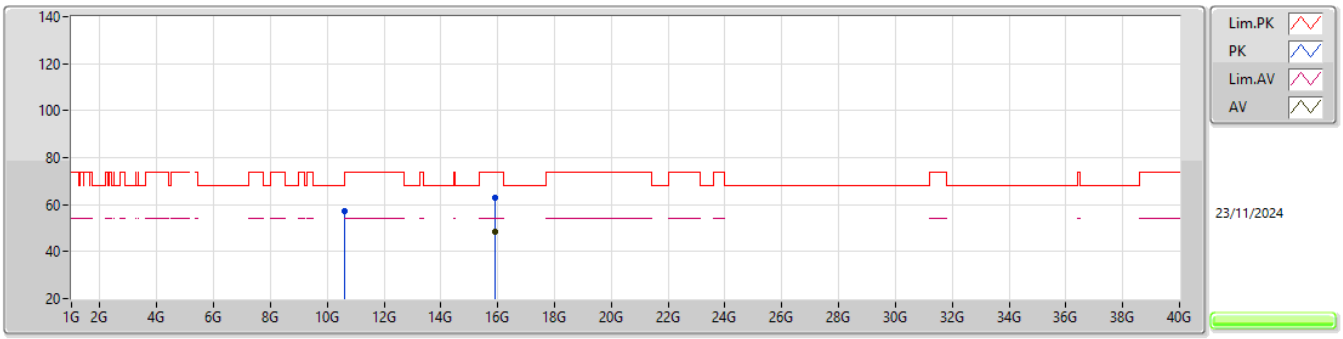
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	101.24	Inf	-Inf	10.87	3	Horizontal	328	2.77	90.37	33.10	4.88	27.11
AV	5.3536G	49.08	54.00	-4.92	10.87	3	Horizontal	328	2.77	38.21	33.09	4.91	27.13
PK	5.3012G	110.60	Inf	-Inf	10.88	3	Horizontal	328	2.77	99.72	33.10	4.89	27.11
PK	5.3848G	62.88	74.00	-11.12	10.81	3	Horizontal	328	2.77	52.07	33.03	4.92	27.14

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

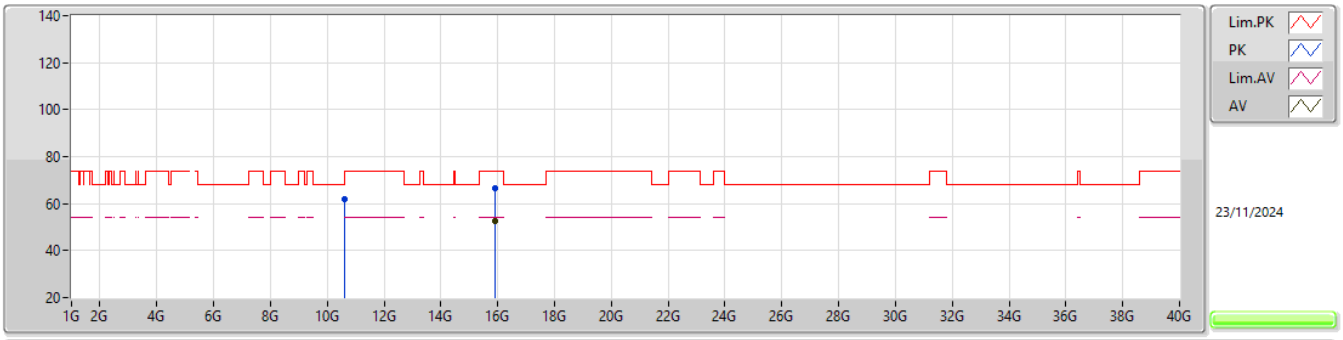
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	15.90216G	48.30	54.00	-5.70	4.56	3	Vertical	278	2.88	43.74	37.90	10.03	43.37
PK	10.60192G	57.12	74.00	-16.88	4.47	3	Vertical	196	2.28	52.65	39.10	7.40	42.03
PK	15.9012G	62.76	74.00	-11.24	4.56	3	Vertical	278	2.88	58.20	37.90	10.03	43.37

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

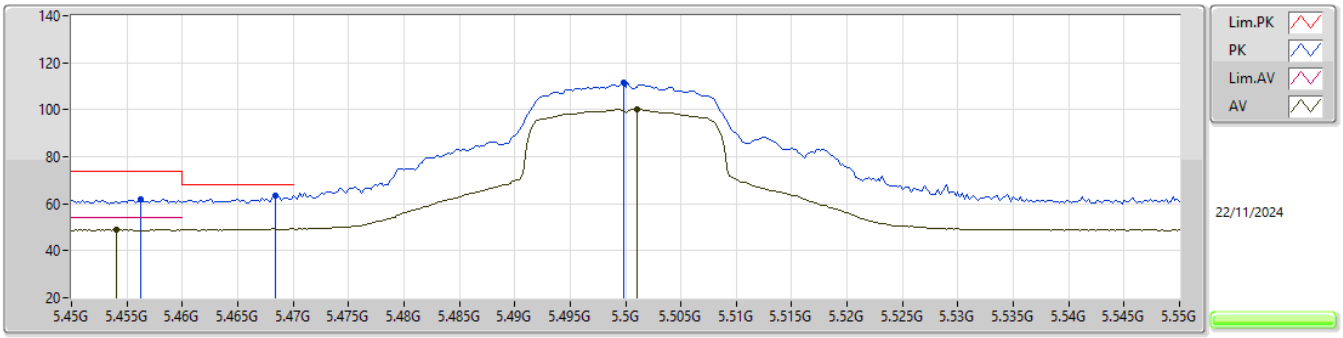
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	15.90204G	52.44	54.00	-1.56	4.56	3	Horizontal	331	1.73	47.88	37.90	10.03	43.37
PK	10.60272G	61.90	74.00	-12.10	4.48	3	Horizontal	343	2.59	57.42	39.11	7.40	42.03
PK	15.90112G	66.31	74.00	-7.69	4.56	3	Horizontal	331	1.73	61.75	37.90	10.03	43.37

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

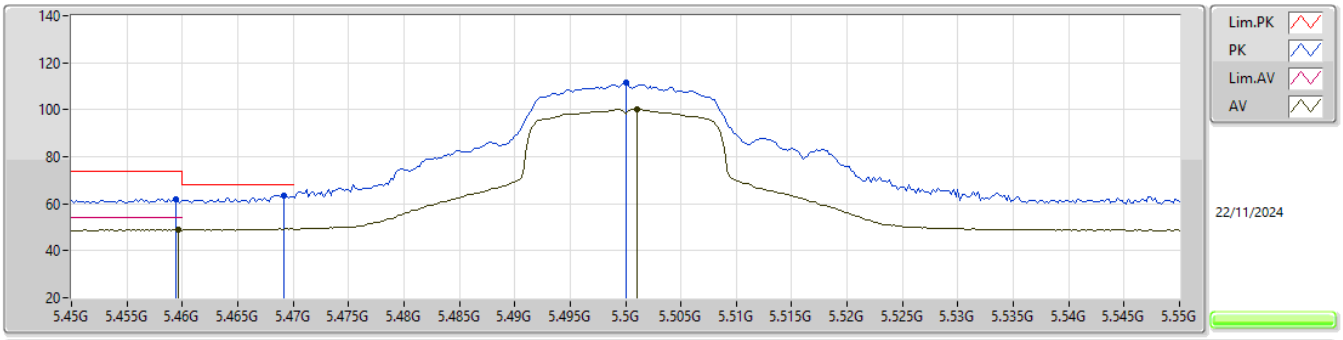
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.454G	48.97	54.00	-5.03	10.79	3	Vertical	351	2.72	38.18	33.02	4.94	27.17
AV	5.501G	100.33	Inf	-Inf	11.07	3	Vertical	351	2.72	89.26	33.30	4.96	27.19
PK	5.4562G	61.75	74.00	-12.25	10.81	3	Vertical	351	2.72	50.94	33.04	4.94	27.17
PK	5.4684G	63.68	68.20	-4.52	10.88	3	Vertical	351	2.72	52.80	33.11	4.95	27.18
PK	5.4998G	111.59	Inf	-Inf	11.06	3	Vertical	351	2.72	100.53	33.30	4.95	27.19

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

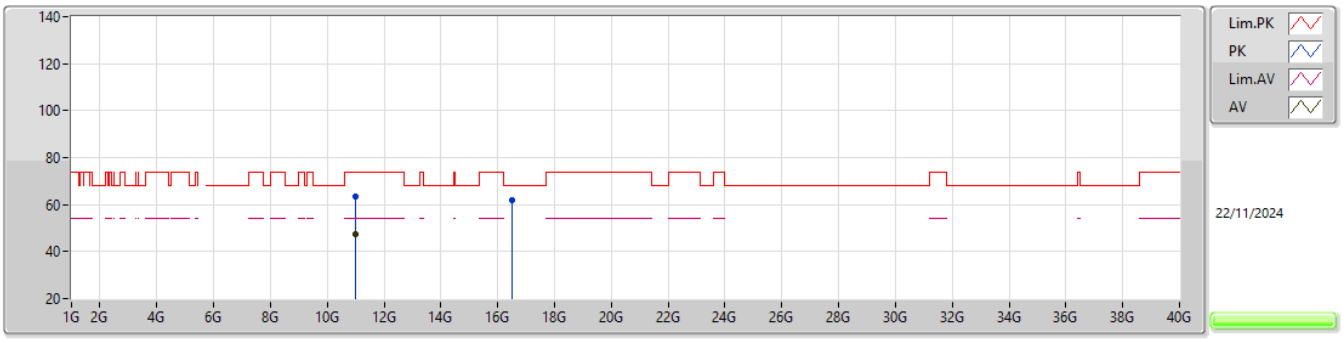
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	49.00	54.00	-5.00	10.83	3	Horizontal	327	2.31	38.17	33.06	4.94	27.17
AV	5.501G	100.35	Inf	-Inf	11.07	3	Horizontal	327	2.31	89.28	33.30	4.96	27.19
PK	5.4594G	62.08	74.00	-11.92	10.83	3	Horizontal	327	2.31	51.25	33.06	4.94	27.17
PK	5.4692G	63.42	68.20	-4.78	10.89	3	Horizontal	327	2.31	52.53	33.12	4.95	27.18
PK	5.5G	111.61	Inf	-Inf	11.07	3	Horizontal	327	2.31	100.54	33.30	4.96	27.19

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

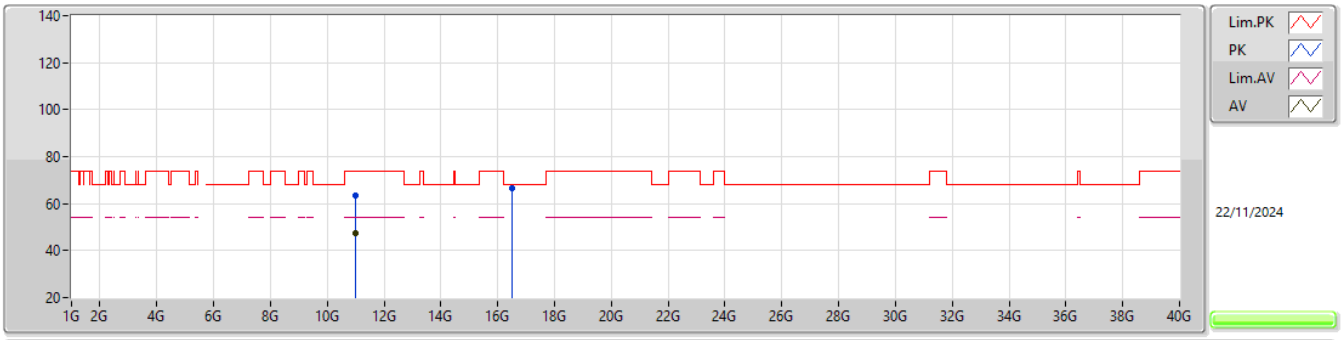
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.0002G	47.66	54.00	-6.34	4.08	3	Vertical	172	1.44	43.58	38.90	7.57	42.39
PK	10.99924G	63.49	74.00	-10.51	4.08	3	Vertical	172	1.44	59.41	38.90	7.57	42.39
PK	16.49664G	61.75	68.20	-6.45	5.26	3	Vertical	30	1.86	56.49	38.09	10.21	43.04

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

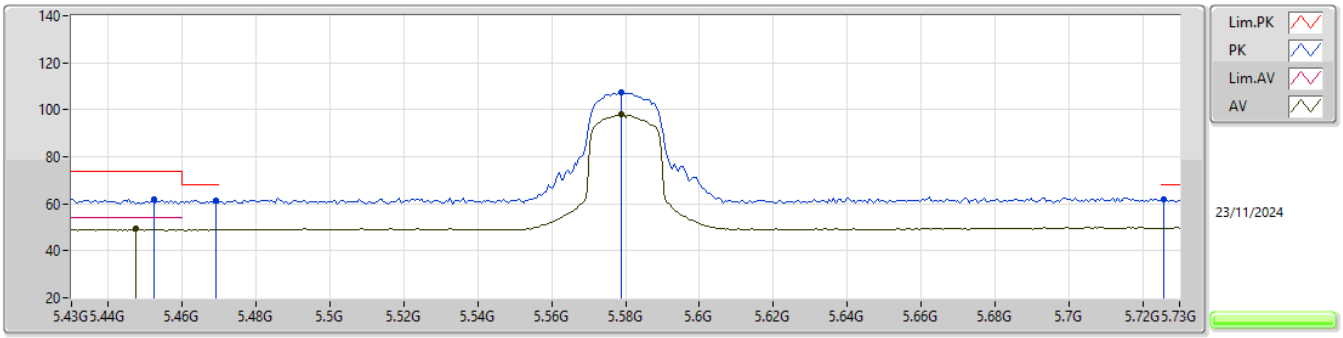
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.00036G	47.58	54.00	-6.42	4.08	3	Horizontal	254	2.06	43.50	38.90	7.57	42.39
PK	10.9994G	63.56	74.00	-10.44	4.08	3	Horizontal	254	2.06	59.48	38.90	7.57	42.39
PK	16.4986G	66.70	68.20	-1.50	5.27	3	Horizontal	325	1.75	61.43	38.10	10.21	43.04

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

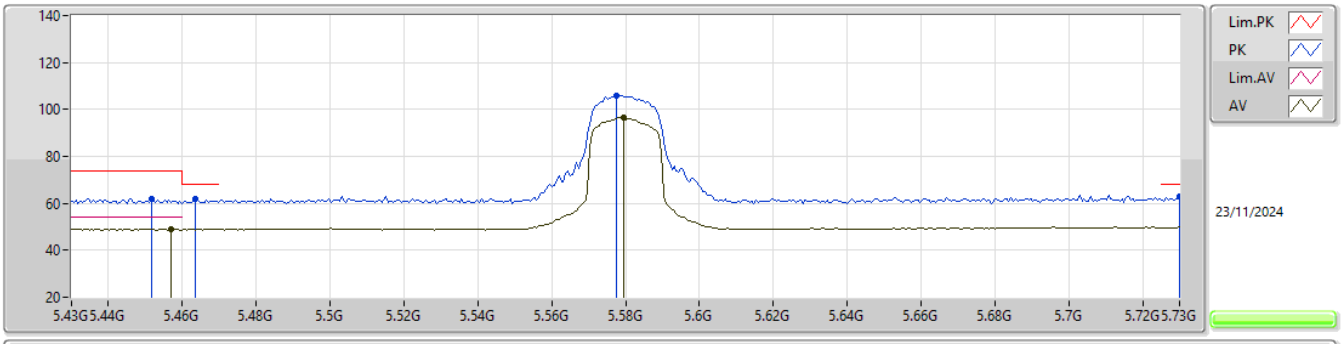
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4474G	49.23	54.00	-4.77	10.77	3	Vertical	342	2.36	38.46	33.00	4.94	27.17
AV	5.5788G	97.87	Inf	-Inf	10.95	3	Vertical	342	2.36	86.92	33.20	4.97	27.22
PK	5.4522G	61.94	74.00	-12.06	10.78	3	Vertical	342	2.36	51.16	33.01	4.94	27.17
PK	5.469G	61.44	68.20	-6.76	10.88	3	Vertical	342	2.36	50.56	33.11	4.95	27.18
PK	5.5788G	107.21	Inf	-Inf	10.95	3	Vertical	342	2.36	96.26	33.20	4.97	27.22
PK	5.7258G	62.04	68.20	-6.16	11.73	3	Vertical	342	2.36	50.31	33.90	5.11	27.28

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

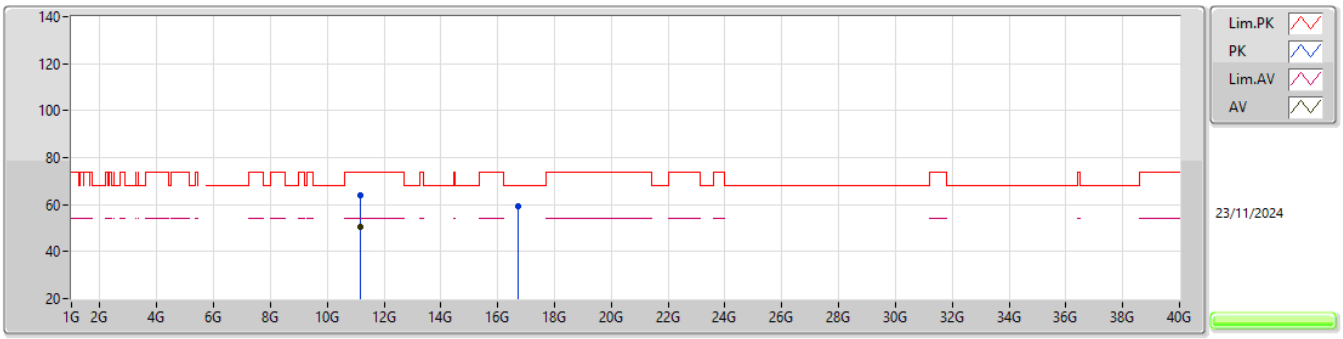
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	49.05	54.00	-4.95	10.81	3	Horizontal	318	2.49	38.24	33.04	4.94	27.17
AV	5.5794G	96.47	Inf	-Inf	10.95	3	Horizontal	318	2.49	85.52	33.20	4.97	27.22
PK	5.4516G	61.96	74.00	-12.04	10.78	3	Horizontal	318	2.49	51.18	33.01	4.94	27.17
PK	5.4636G	61.90	68.20	-6.30	10.85	3	Horizontal	318	2.49	51.05	33.08	4.95	27.18
PK	5.5776G	105.81	Inf	-Inf	10.95	3	Horizontal	318	2.49	94.86	33.20	4.97	27.22
PK	5.73G	63.10	68.20	-5.10	11.75	3	Horizontal	318	2.49	51.35	33.92	5.11	27.28

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

5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.15976G	50.64	54.00	-3.36	4.36	3	Vertical	216	1.18	46.28	38.92	7.64	42.20
PK	11.16476G	63.87	74.00	-10.13	4.38	3	Vertical	216	1.18	59.49	38.93	7.64	42.19
PK	16.73624G	59.26	68.20	-8.94	4.77	3	Vertical	183	1.60	54.49	37.70	10.27	43.20

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

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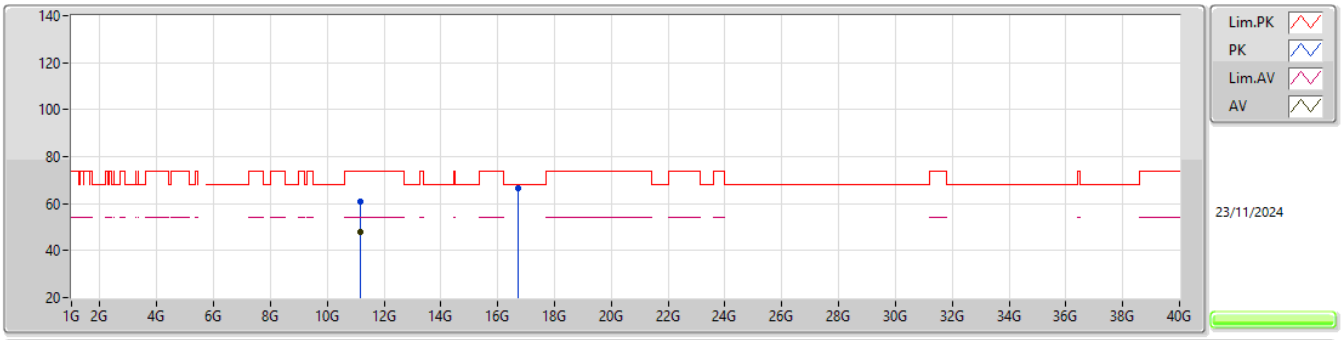
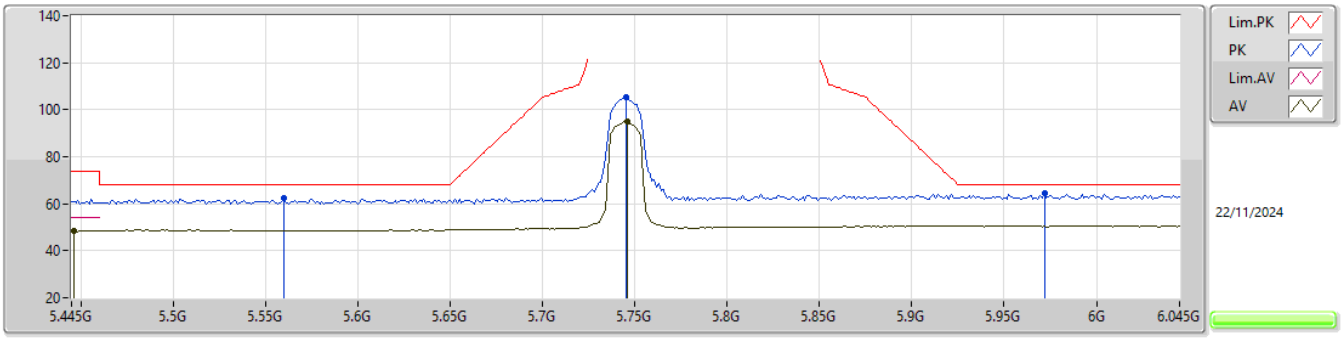


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.15948G	48.09	54.00	-5.91	4.36	3	Horizontal	317	1.94	43.73	38.92	7.64	42.20
PK	11.16448G	60.89	74.00	-13.11	4.38	3	Horizontal	317	1.94	56.51	38.93	7.64	42.19
PK	16.73636G	66.53	68.20	-1.67	4.77	3	Horizontal	322	1.70	61.76	37.70	10.27	43.20

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

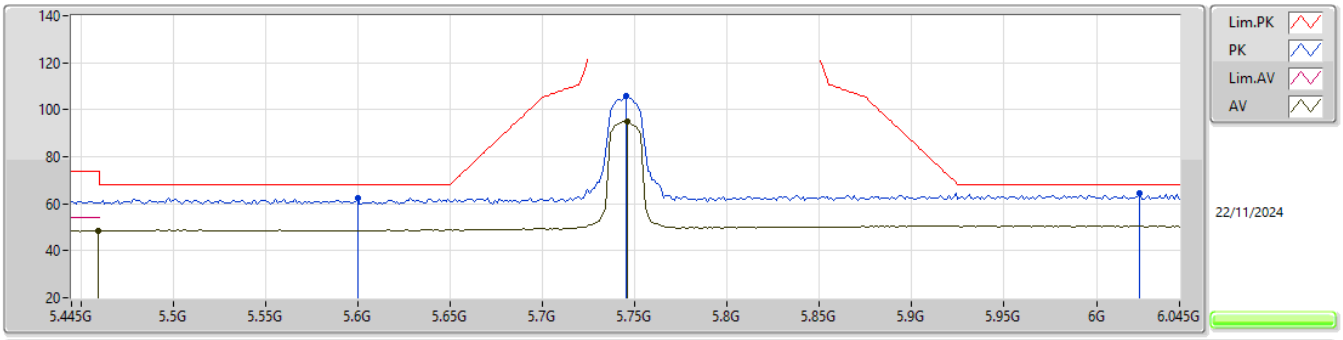
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4462G	48.53	54.00	-5.47	10.77	3	Vertical	340	1.13	37.76	33.00	4.94	27.17
AV	5.7462G	95.07	Inf	-Inf	11.83	3	Vertical	340	1.13	83.24	33.98	5.13	27.28
PK	5.5602G	62.23	68.20	-5.97	10.96	3	Vertical	340	1.13	51.27	33.20	4.97	27.21
PK	5.745G	105.59	Inf	-Inf	11.82	3	Vertical	340	1.13	93.77	33.98	5.12	27.28
PK	5.9718G	64.28	68.20	-3.92	12.12	3	Vertical	340	1.13	52.16	34.40	5.09	27.37

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

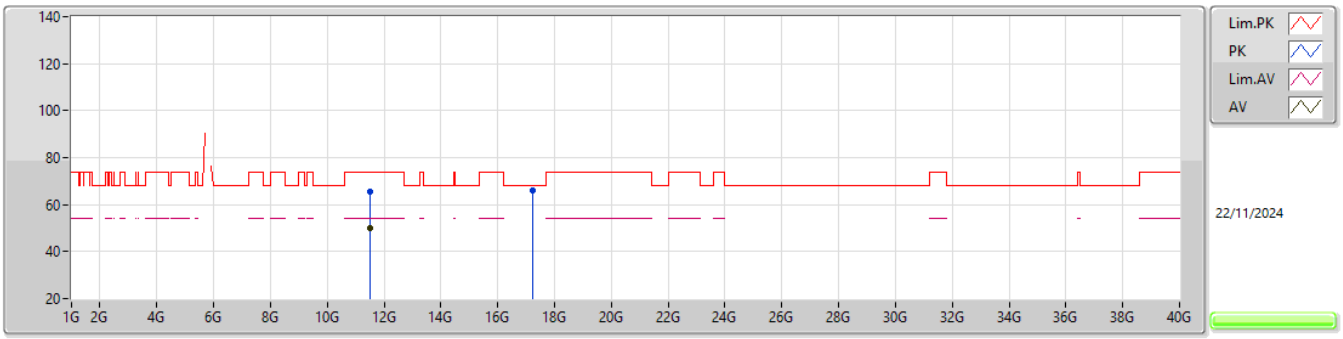
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.4594G	48.52	54.00	-5.48	10.83	3	Horizontal	343	2.55	37.69	33.06	4.94	27.17
AV	5.7462G	95.11	Inf	-Inf	11.83	3	Horizontal	343	2.55	83.28	33.98	5.13	27.28
PK	5.5998G	62.27	68.20	-5.93	10.95	3	Horizontal	343	2.55	51.32	33.20	4.98	27.23
PK	5.745G	105.81	Inf	-Inf	11.82	3	Horizontal	343	2.55	93.99	33.98	5.12	27.28
PK	6.0234G	64.31	68.20	-3.89	12.08	3	Horizontal	343	2.55	52.23	34.40	5.09	27.41

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

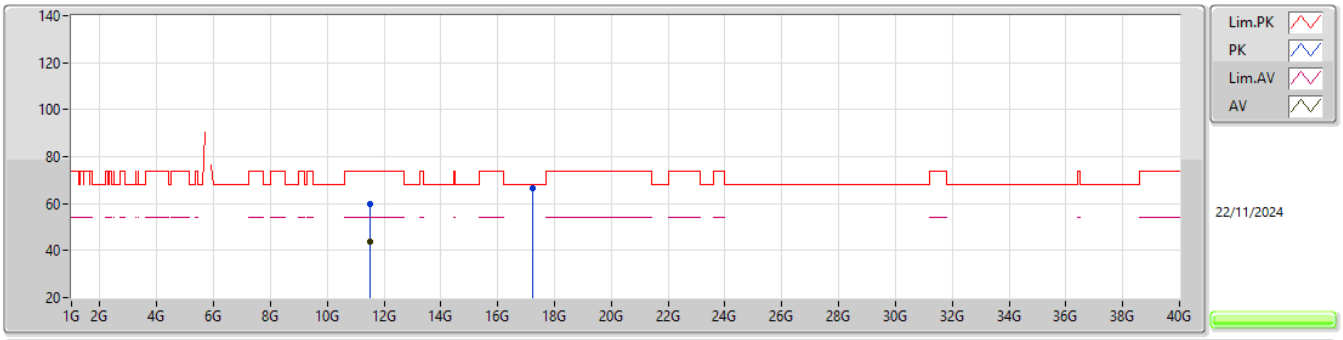
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.49004G	49.97	54.00	-4.03	5.26	3	Vertical	216	1.11	44.71	39.28	7.78	41.80
PK	11.48936G	65.75	74.00	-8.25	5.26	3	Vertical	216	1.11	60.49	39.28	7.78	41.80
PK	17.23372G	65.90	68.20	-2.30	4.80	3	Vertical	265	1.95	61.10	37.67	10.39	43.26

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

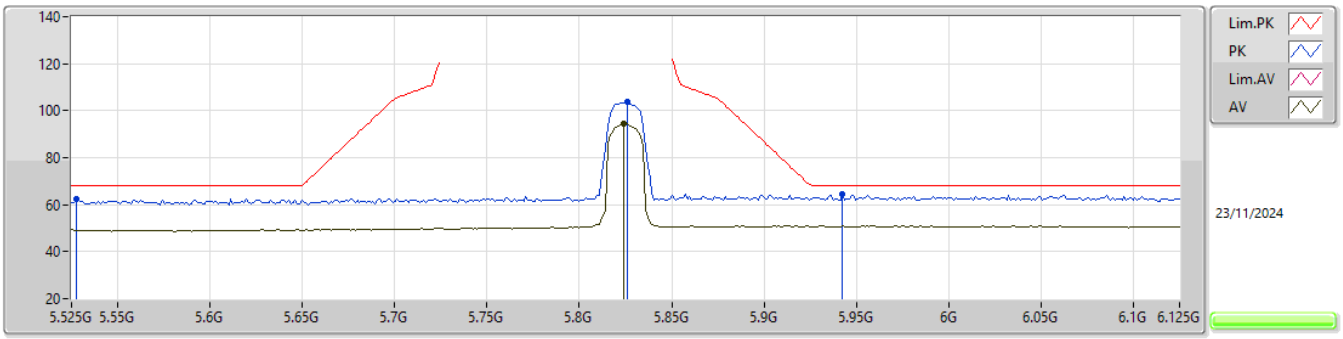
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.4902G	43.92	54.00	-10.08	5.26	3	Horizontal	194	1.00	38.66	39.28	7.78	41.80
PK	11.4892G	59.79	74.00	-14.21	5.26	3	Horizontal	194	1.00	54.53	39.28	7.78	41.80
PK	17.23368G	66.62	68.20	-1.58	4.80	3	Horizontal	331	1.76	61.82	37.67	10.39	43.26

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

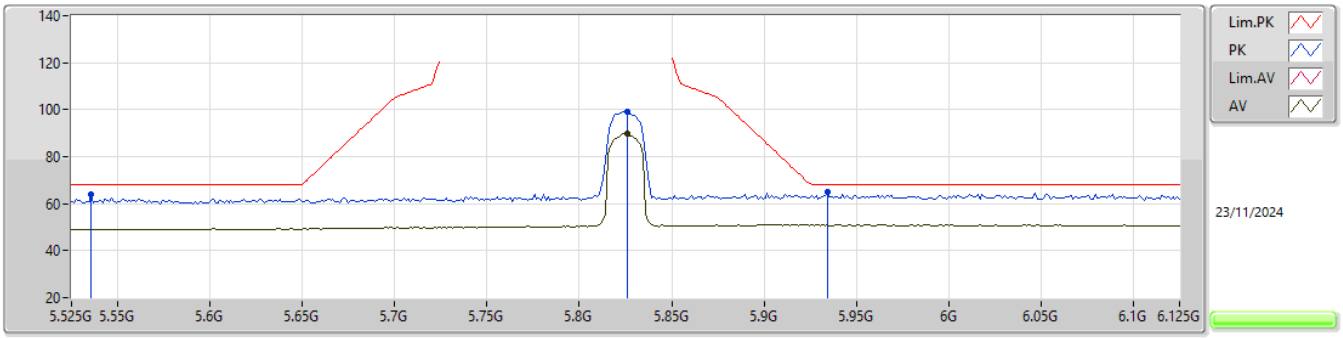
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.8238G	94.40	Inf	-Inf	12.11	3	Vertical	1	2.69	82.29	34.25	5.17	27.31
PK	5.5274G	62.33	68.20	-5.87	11.01	3	Vertical	1	2.69	51.32	33.25	4.96	27.20
PK	5.8262G	103.66	Inf	-Inf	12.11	3	Vertical	1	2.69	91.55	34.25	5.17	27.31
PK	5.9426G	64.47	68.20	-3.73	12.15	3	Vertical	1	2.69	52.32	34.41	5.10	27.36

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

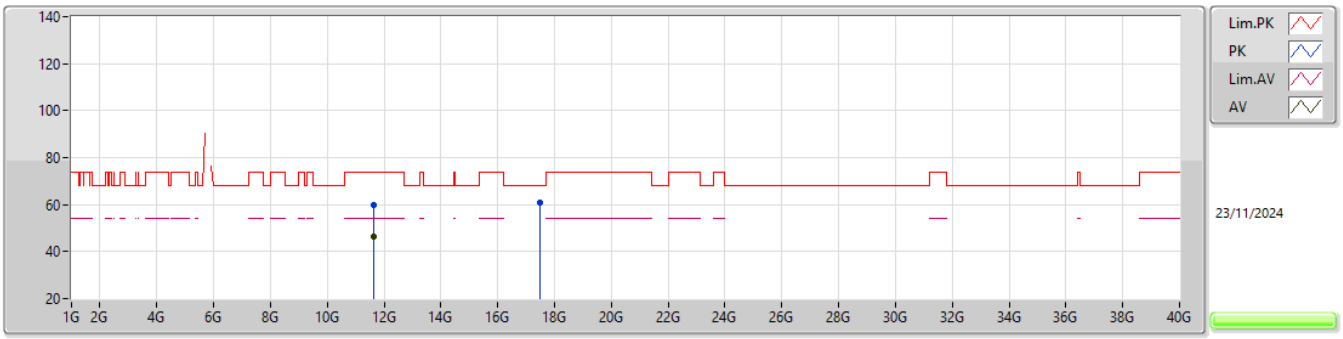
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.8262G	89.58	Inf	-Inf	12.11	3	Horizontal	28	1.50	77.47	34.25	5.17	27.31
PK	5.5358G	63.74	68.20	-4.46	10.99	3	Horizontal	28	1.50	52.75	33.23	4.96	27.20
PK	5.8262G	99.09	Inf	-Inf	12.11	3	Horizontal	28	1.50	86.98	34.25	5.17	27.31
PK	5.9342G	64.88	68.20	-3.32	12.19	3	Horizontal	28	1.50	52.69	34.43	5.11	27.35

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

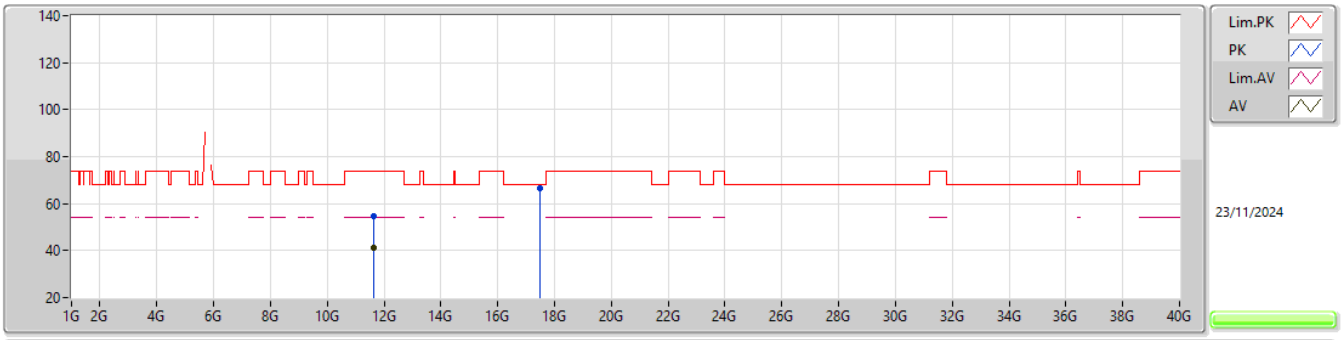
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.64876G	46.43	54.00	-7.57	4.72	3	Vertical	134	1.83	41.71	38.80	7.84	41.92
PK	11.65452G	59.83	74.00	-14.17	4.73	3	Vertical	134	1.83	55.10	38.82	7.84	41.93
PK	17.4712G	60.66	68.20	-7.54	5.27	3	Vertical	277	1.79	55.39	37.94	10.46	43.13

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

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.649G	41.39	54.00	-12.61	4.72	3	Horizontal	183	1.00	36.67	38.80	7.84	41.92
PK	11.6488G	54.77	74.00	-19.23	4.72	3	Horizontal	183	1.00	50.05	38.80	7.84	41.92
PK	17.4711G	66.51	68.20	-1.69	5.26	3	Horizontal	330	1.77	61.25	37.94	10.46	43.14