FCC Radio Test Report

FCC ID	:	**UXX-S5A440A**
Contains FCC ID	:	**UXX-2022EG060KNA**
Equipment	:	**Semi-ruggedized IoT Router**
Brand Name	:	**Ericsson**
Model Name	:	**S5A440A**
Applicant	:	**Ericsson Enterprise Solutions, Inc. 1100 W. Idaho St. Boise, ID 83702**
Manufacturer	:	**Ericsson Enterprise Solutions, Inc. 1100 W. Idaho St. Boise, ID 83702**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jun. 20, 2024, and testing was started from Jul. 18, 2024 and completed on Aug. 06, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

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PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR441838-02AC	01	Initial issue of report	Sep. 20, 2024

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	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Terry Chang

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
2400-2483.5	b, g, n (HT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

Dipole Antenna

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

Monopole Antenna

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	WNC	170836-000	Dipole	Reverse SMA	2.4G+5G+BT
2	Ericsson	CP01	Monopole	Reverse SMA	2.4G+5G+BT
3	Ericsson	170704-002	Dipole	Reverse SMA	4G
4	Ericsson	170704-002	Dipole	Reverse SMA	4G
5	Ericsson	170704-002	Dipole	Reverse SMA	GPS

Ant.	Port	Gain (dBi)					
		2.4G	5G Band 1	5G Band 2	5G Band 3	5G Band 4	BT
1	1	2.47	2.18	2.19	2.14	2.47	2.47
2	2	5.71	4.4	4.63	5.6	5.19	5.71

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☐	With beamforming	☒	Without beamforming

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

Dipole Antenna

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX	0.955	0.2	2.033m	1k
802.11n HT20_Nss1,(MCS0)_1TX	0.951	0.22	1.893m	1k
802.11n HT40_Nss1,(MCS0)_1TX	0.901	0.45	932.5u	3k

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

Monopole Antenna

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX	0.955	0.2	2.033m	1k
802.11n HT20_Nss1,(MCS0)_1TX	0.951	0.22	1.893m	1k
802.11n HT40_Nss1,(MCS0)_1TX	0.901	0.45	932.5u	3k

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

1.1.5 Table for Multiple Listing

Items	component	SKU list																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Power Supply	Adapter (24W)	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-
	Adapter (36W)	-	-	-	-	-	-	X	X	X	X	X	X	-	-	-	-	-	-
	PoE (PHIHONG)	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X
Module	DB9/Serial Expansion Module	X	-	-	X	-	-	X	-	-	X	-	-	X	-	-	X	-	-
	Dual Ethernet Expansion Module	-	X	-	-	X	-	-	X	-	-	X	-	-	X	-	-	X	-
	GPIO Expansion Module	-	-	X	-	-	X	-	-	X	-	-	X	-	-	X	-	-	X
Bracket	Bracket (Ceiling bracket)	X	X	X	-	-	-	X	X	X	-	-	-	X	X	X	-	-	-
	Bracket (DIN Rail)	-	-	-	X	X	X	-	-	-	X	X	X	-	-	-	X	X	X

From the above SKUs, SKU 8 was selected as representative SKU for the test and its data was recorded in this report.

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013

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

- KDB 558074 D01 v05r02
- 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	21.4~21.9°C / 54~56%	30/Jul/2024
RF Conducted	TH01-HY	Sonic Li	23.1~23.7°C / 52~55%	26/Jul/2024~29/Jul/2024
Radiated	03CH02-HY	Vasari Huang	21.6~23.4°C / 50~52%	18/Jul/2024~26/Jul/2024
Radiated (Co-location)	03CH02-HY	Vasari Huang	23.6~23.5°C / 55~58%	06/Aug/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%
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%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Receiver Radiated 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	qdart_conn.win.1.0_installer_00099.1

Dipole Antenna

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11n HT20_Nss1,(MCS0)_1TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11n HT40_Nss1,(MCS0)_1TX
2422MHz
2427MHz
2437MHz
2447MHz
2452MHz

Monopole Antenna

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11n HT20_Nss1,(MCS0)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11n HT40_Nss1,(MCS0)_1TX
2422MHz
2427MHz
2437MHz
2447MHz
2452MHz

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	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
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；Dipole Antenna		
2	Adapter Mode；Monopole Antenna		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V (Dipole Antenna)		V (Monopole Antenna)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Wi-Fi (2.4GHz) + Bluetooth + WWAN (4G)
2	Wi-Fi (5GHz) + Bluetooth + WWAN (4G)
Refer to Sporton Test Report No.: FA441838-02 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Adapter 1 (24W)	Brand Name	APD	Model Name	WB-24M12R
	Power Rating	I/P: 100 - 240Vac, 0.7A, O/P: 12Vdc, 2A		
	Power Cord	1.45 meter, non-shielded cable, w/o ferrite core		
AC Adapter 2 (36W)	Brand Name	APD	Model Name	WA-36N12R
	Power Rating	I/P: 100 - 240Vac, 0.9A, O/P: 12Vdc, 3A		
	Power Cord	1.45 meter, non-shielded cable, w/o ferrite core		
PoE	Brand Name	PHIHONG	Model Name	POE15M-AFA
	Power Rating	I/P: 100-240Vac, 0.8A, O/P: 56Vdc, 0.275A		
Ceiling Bracket	Brand Name	Ericsson	Model Name	170920-000
DIN Rail	Brand Name	Ericsson	Model Name	170904-001
DB9/Serial Expansion Module	Brand Name	Ericsson	Model Name	MC20-SRL
Dual Ethernet Expansion Module	Brand Name	Ericsson	Model Name	MC20-ETH
GPIO Expansion Module	Brand Name	Ericsson	Model Name	MC20-GPO
WLAN ANT 1 (Dipole)	Brand Name	WNC	Model Name	170836-000
WLAN ANT 2 (Monopole)	Brand Name	Ericsson	Model Name	CP01
LTE ANT	Brand Name	Ericsson	Model Name	170704-002

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

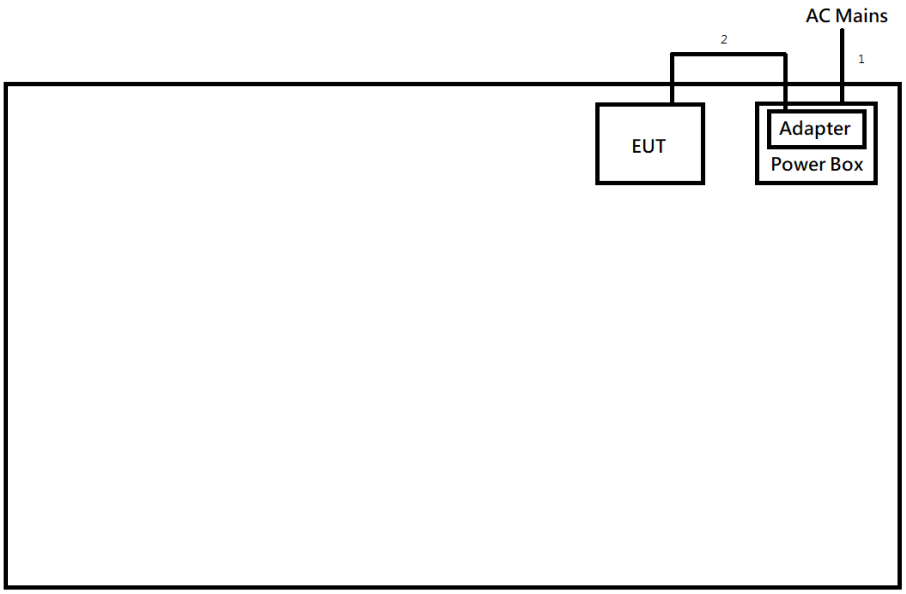
2.4 Support Equipment

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	SIM Card for WWAN	R&S	eSIM	-	-
2	WIDEBAND ADIO COMMUNICATION TESTER	R&S	CMW 500	-	Remote

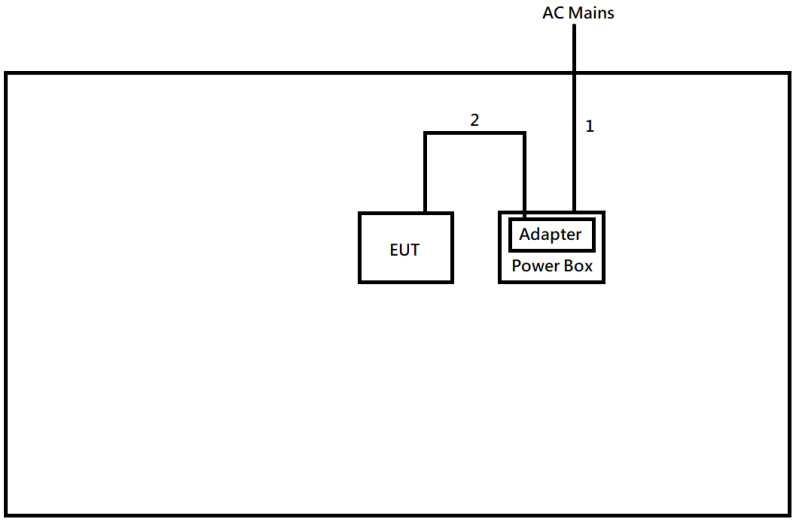
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



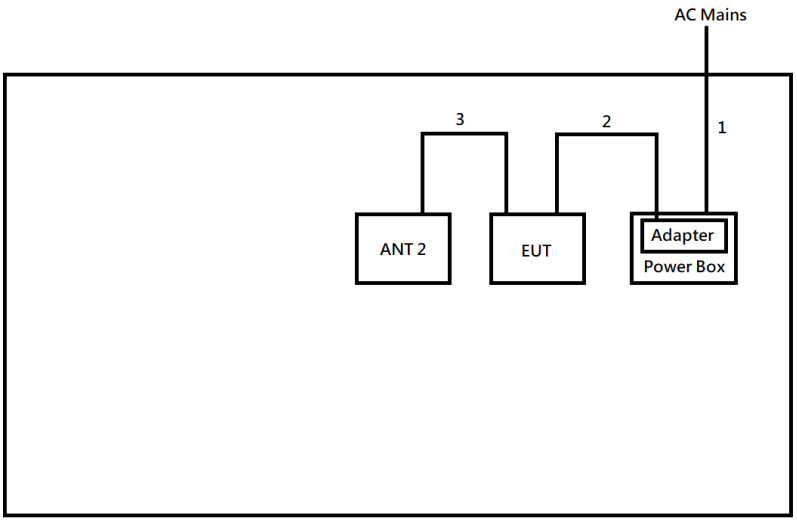
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.0	-
2	DC Power cable	No	1.45	-

Test Setup Diagram - Radiated Test (Dipole Antenna)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.45	-

Test Setup Diagram - Radiated Test (Monopole Antenna)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.45	-
3	ANT cable	No	1.7	-

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

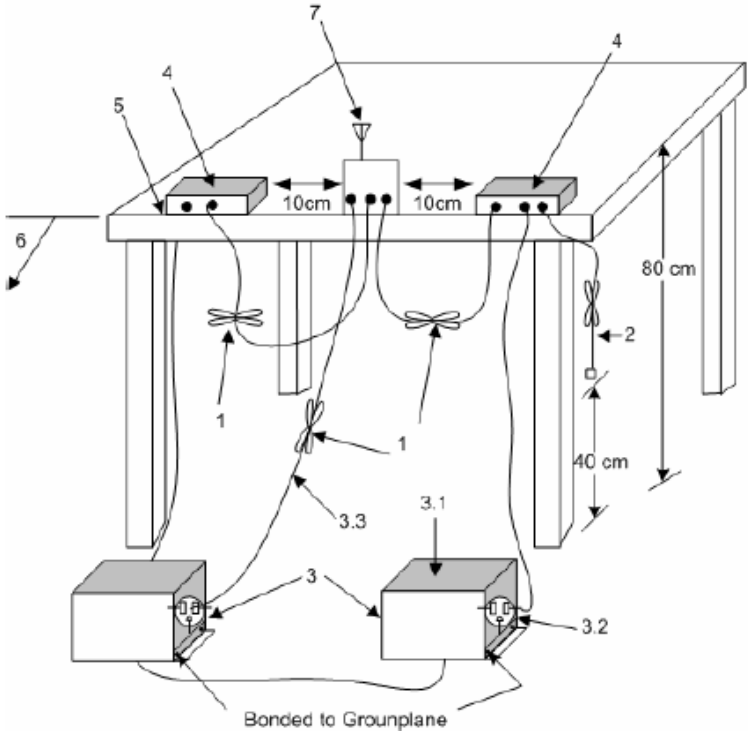
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

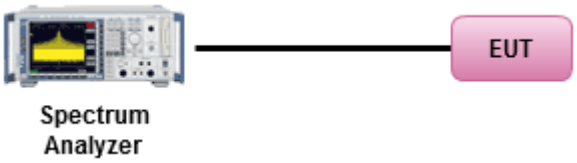
3.2.2 Measuring Instruments

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 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
	☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
	☐	Refer as ANSI C63.10, clause 6.9.3 for occupied 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			
	▪ If G_{TX} ≤ 6 dBi, then P_{Out} ≤ 30 dBm (1 W)		
	▪ Point-to-multipoint systems (P2M): If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6) dBm		
	▪ Point-to-point systems (P2P): If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)/3 dBm		
	▪ Smart antenna system (SAS):		
		- Single beam: If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)/3 dBm	
		- Overlap beam: If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)/3 dBm	
		- Aggregate power on all beams: If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)/3 + 8dB dBm	
e.i.r.p. Power Limit:			
▪ 2400-2483.5 MHz Band			
	▪ Point-to-multipoint systems (P2M): P_{eirp} ≤ 36 dBm (4 W)		
	▪ Point-to-point systems (P2P): P_{eirp} ≤ MAX(36, [P_{Out} + G_{TX}]) dBm		
	▪ Smart antenna system (SAS)		
		- Single beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm	
		- Overlap beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm	
		- Aggregate power on all beams: P_{eirp} ≤ MAX(36, [P_{Out} + G_{TX} + 8]) dBm	
P_{Out} = maximum peak conducted output power or 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 Peak Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
	☐ Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
	☐ Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
▪ Maximum Average Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
	☒ Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a 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

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

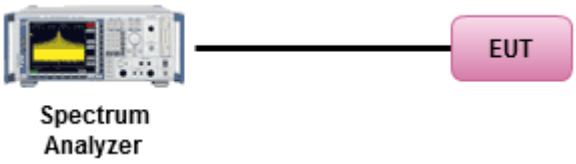
3.4.2 Measuring Instruments

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. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.	
▪ 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.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.	

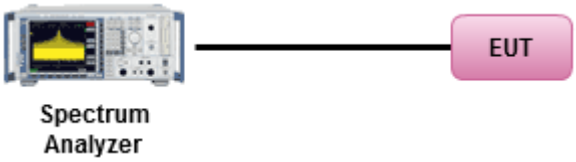
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions 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.

3.6.2 Measuring Instruments

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

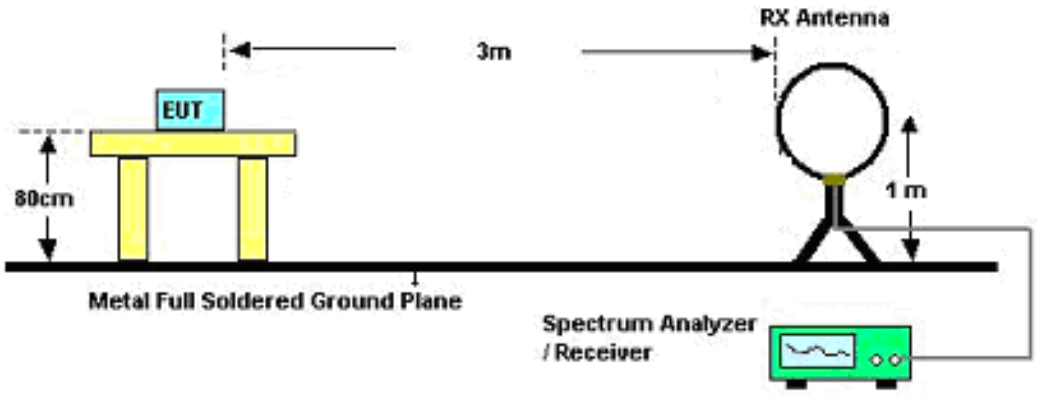
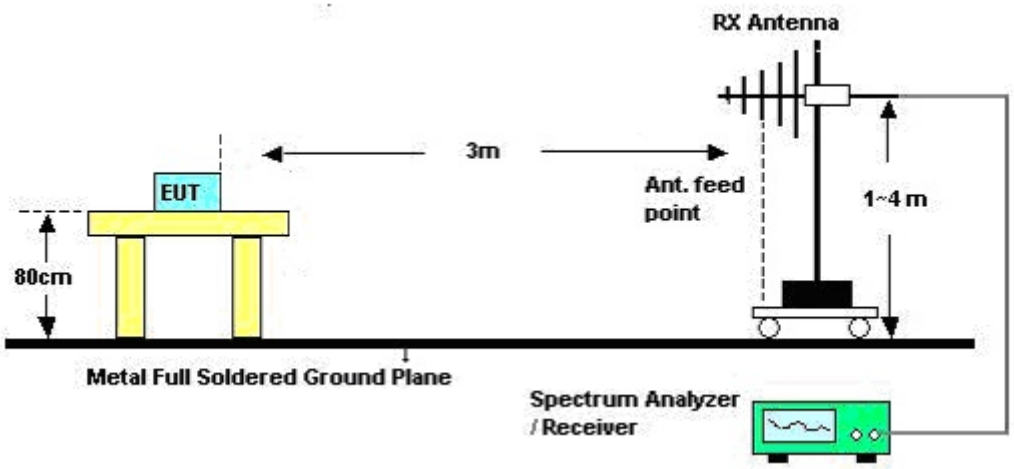
3.6.3 Test Procedures

Test Method
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
▪ For the transmitter band-edge emissions shall be measured using following options below:
▪ Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
▪ 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.
▪ For conducted and cabinet radiation measurement, refer as KDB 558074, clause 3 (12.7.4.2 of ANSI C63.10).
▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
▪ For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

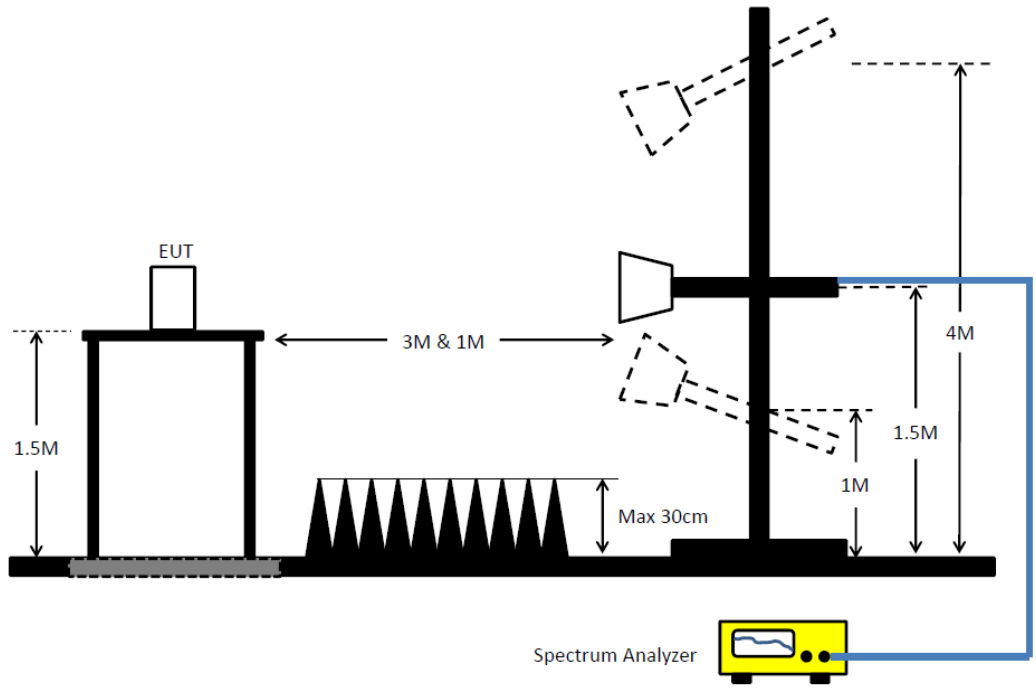
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	R&S	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	18/Oct/2023	17/Oct/2024
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	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	29/Jul/2023	28/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	27/Aug/2023	26/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	19/Dec/2023	18/Dec/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	19/Dec/2023	18/Dec/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2024	28/Jun/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	24/Oct/2023	23/Oct/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	15/Apr/2024	14/Apr/2025
SENSE-15247-DTS	Sporton	V5.11.18	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Preamplifier	SGH	PRAMP 118-HS	202300913-2	1GHz~18GHz	18/Jan/2024	17/Jan/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	15/Apr/2024	14/Apr/2025
WIDEBAND ADIO COMMUNICATION TESTER	R&S	CMW 500	141962	N/A	02/Nov/2023	01/Nov/2024
SENSE-EMI	Sporton	V5.11.8	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	09/Apr/2024	08/Apr/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
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-15247_DTS	Sporton	V5.11.18	N/A	N/A	N/A	N/A

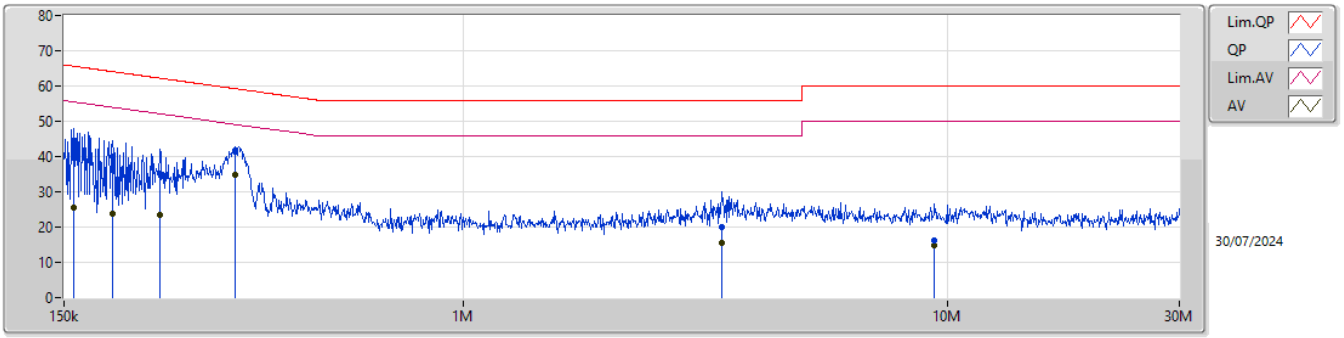
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	337.314k	34.84	49.27	-14.43	Line

Result

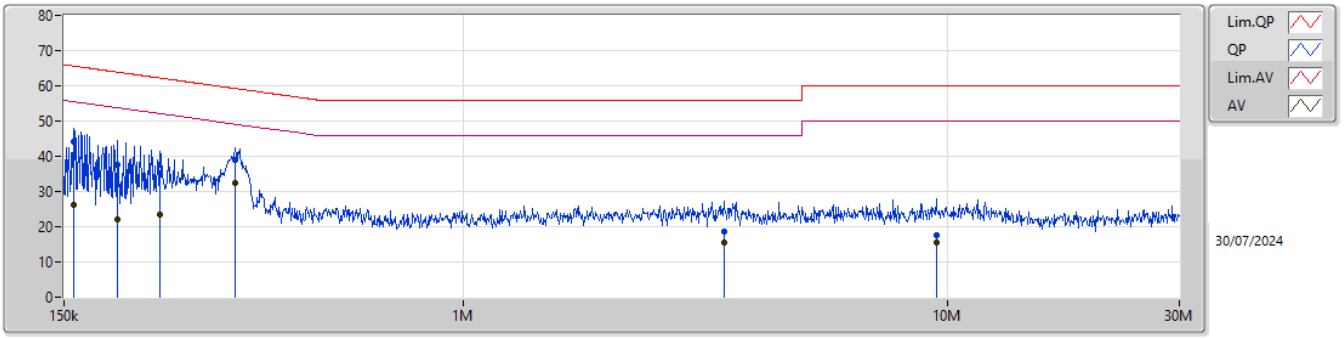
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	156.734k	44.33	65.64	-21.31	Line	-
Mode 1	Pass	AV	156.734k	25.48	55.64	-30.16	Line	-
Mode 1	Pass	QP	189.08k	39.85	64.07	-24.22	Line	-
Mode 1	Pass	AV	189.08k	23.70	54.07	-30.37	Line	-
Mode 1	Pass	QP	236.447k	35.30	62.21	-26.91	Line	-
Mode 1	Pass	AV	236.447k	23.60	52.21	-28.61	Line	-
Mode 1	Pass	QP	337.314k	41.36	59.27	-17.91	Line	-
Mode 1	Pass	AV	337.314k	34.84	49.27	-14.43	Line	-
Mode 1	Pass	QP	3.417M	20.17	56.00	-35.83	Line	-
Mode 1	Pass	AV	3.417M	15.57	46.00	-30.43	Line	-
Mode 1	Pass	QP	9.38M	16.12	60.00	-43.88	Line	-
Mode 1	Pass	AV	9.38M	14.76	50.00	-35.24	Line	-
Mode 1	Pass	QP	157.361k	44.18	65.60	-21.42	Neutral	-
Mode 1	Pass	AV	157.361k	26.34	55.60	-29.26	Neutral	-
Mode 1	Pass	QP	193.664k	37.42	63.88	-26.46	Neutral	-
Mode 1	Pass	AV	193.664k	21.99	53.88	-31.89	Neutral	-
Mode 1	Pass	QP	236.447k	35.24	62.21	-26.97	Neutral	-
Mode 1	Pass	AV	236.447k	23.44	52.21	-28.77	Neutral	-
Mode 1	Pass	QP	338.664k	39.00	59.23	-20.23	Neutral	-
Mode 1	Pass	AV	338.664k	32.40	49.23	-16.83	Neutral	-
Mode 1	Pass	QP	3.444M	18.71	56.00	-37.29	Neutral	-
Mode 1	Pass	AV	3.444M	15.45	46.00	-30.55	Neutral	-
Mode 1	Pass	QP	9.456M	17.60	60.00	-42.40	Neutral	-
Mode 1	Pass	AV	9.456M	15.54	50.00	-34.46	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	156.734k	44.33	65.64	-21.31	19.48	Line	-	24.85	9.66	0.07	9.75
AV	156.734k	25.48	55.64	-30.16	19.48	Line	-	6.00	9.66	0.07	9.75
QP	189.08k	39.85	64.07	-24.22	19.44	Line	-	20.41	9.65	0.09	9.70
AV	189.08k	23.70	54.07	-30.37	19.44	Line	-	4.26	9.65	0.09	9.70
QP	236.447k	35.30	62.21	-26.91	19.45	Line	-	15.85	9.65	0.10	9.70
AV	236.447k	23.60	52.21	-28.61	19.45	Line	-	4.15	9.65	0.10	9.70
QP	337.314k	41.36	59.27	-17.91	19.50	Line	-	21.86	9.65	0.11	9.74
AV	337.314k	34.84	49.27	-14.43	19.50	Line	-	15.34	9.65	0.11	9.74
QP	3.417M	20.17	56.00	-35.83	19.56	Line	-	0.61	9.69	0.08	9.79
AV	3.417M	15.57	46.00	-30.43	19.56	Line	-	-3.99	9.69	0.08	9.79
QP	9.38M	16.12	60.00	-43.88	19.55	Line	-	-3.43	9.71	0.05	9.79
AV	9.38M	14.76	50.00	-35.24	19.55	Line	-	-4.79	9.71	0.05	9.79

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	157.361k	44.18	65.60	-21.42	19.42	Neutral	-	24.76	9.60	0.07	9.75
AV	157.361k	26.34	55.60	-29.26	19.42	Neutral	-	6.92	9.60	0.07	9.75
QP	193.664k	37.42	63.88	-26.46	19.38	Neutral	-	18.04	9.60	0.09	9.69
AV	193.664k	21.99	53.88	-31.89	19.38	Neutral	-	2.61	9.60	0.09	9.69
QP	236.447k	35.24	62.21	-26.97	19.40	Neutral	-	15.84	9.60	0.10	9.70
AV	236.447k	23.44	52.21	-28.77	19.40	Neutral	-	4.04	9.60	0.10	9.70
QP	338.664k	39.00	59.23	-20.23	19.45	Neutral	-	19.55	9.60	0.11	9.74
AV	338.664k	32.40	49.23	-16.83	19.45	Neutral	-	12.95	9.60	0.11	9.74
QP	3.444M	18.71	56.00	-37.29	19.49	Neutral	-	-0.78	9.62	0.08	9.79
AV	3.444M	15.45	46.00	-30.55	19.49	Neutral	-	-4.04	9.62	0.08	9.79
QP	9.456M	17.60	60.00	-42.40	19.50	Neutral	-	-1.90	9.66	0.05	9.79
AV	9.456M	15.54	50.00	-34.46	19.50	Neutral	-	-3.96	9.66	0.05	9.79

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	8.1M	13.118M	13M1G1D	7.225M	13.028M
802.11g_Nss1,(6Mbps)_1TX	16.3M	16.36M	16M4D1D	16.075M	16.272M
802.11n HT20_Nss1,(MCS0)_1TX	17.525M	17.441M	17M4D1D	16.3M	17.241M
802.11n HT40_Nss1,(MCS0)_1TX	36.35M	35.982M	36M0D1D	29.7M	35.832M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

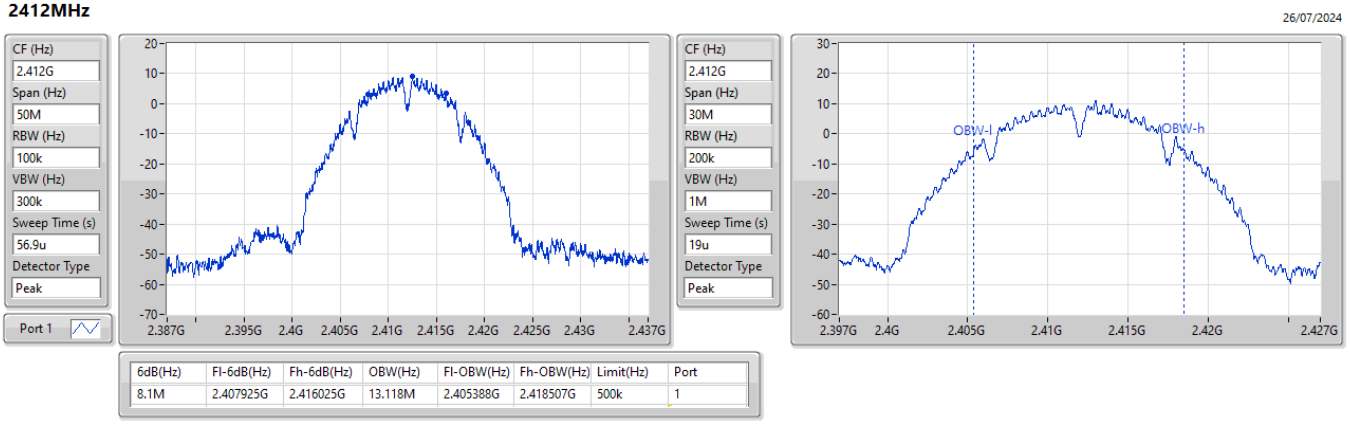
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.1M	13.118M
2437MHz	Pass	500k	8.05M	13.028M
2462MHz	Pass	500k	7.225M	13.058M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.3M	16.294M
2437MHz	Pass	500k	16.075M	16.272M
2457MHz	Pass	500k	16.3M	16.36M
2462MHz	Pass	500k	16.075M	16.272M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	16.3M	17.391M
2437MHz	Pass	500k	16.3M	17.341M
2457MHz	Pass	500k	17.525M	17.241M
2462MHz	Pass	500k	17.175M	17.441M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.05M	35.882M
2427MHz	Pass	500k	34.8M	35.882M
2437MHz	Pass	500k	29.7M	35.832M
2447MHz	Pass	500k	36.3M	35.982M
2452MHz	Pass	500k	36.35M	35.932M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **EBW**

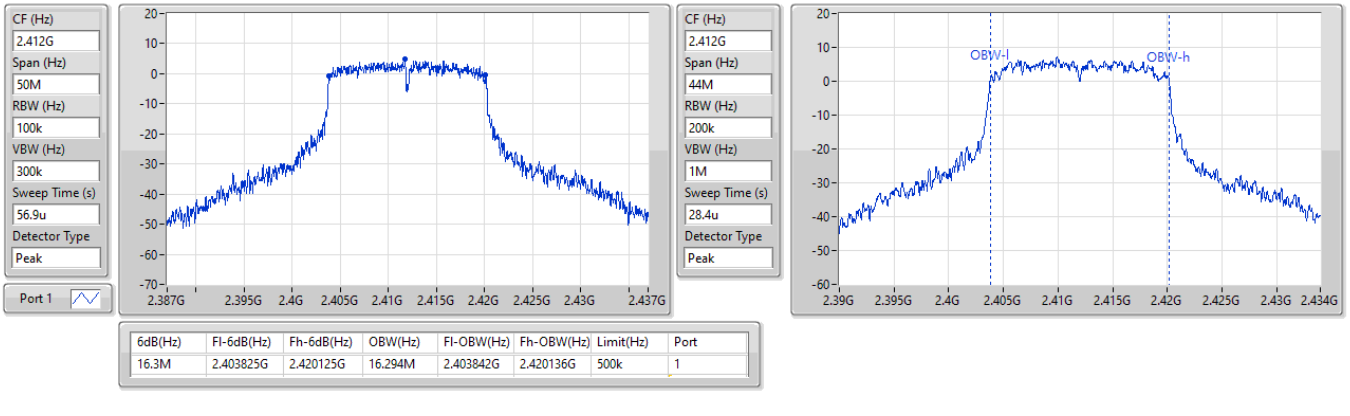
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.1M	2.407925G	2.416025G	13.118M	2.405388G	2.418507G	500k	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **EBW**

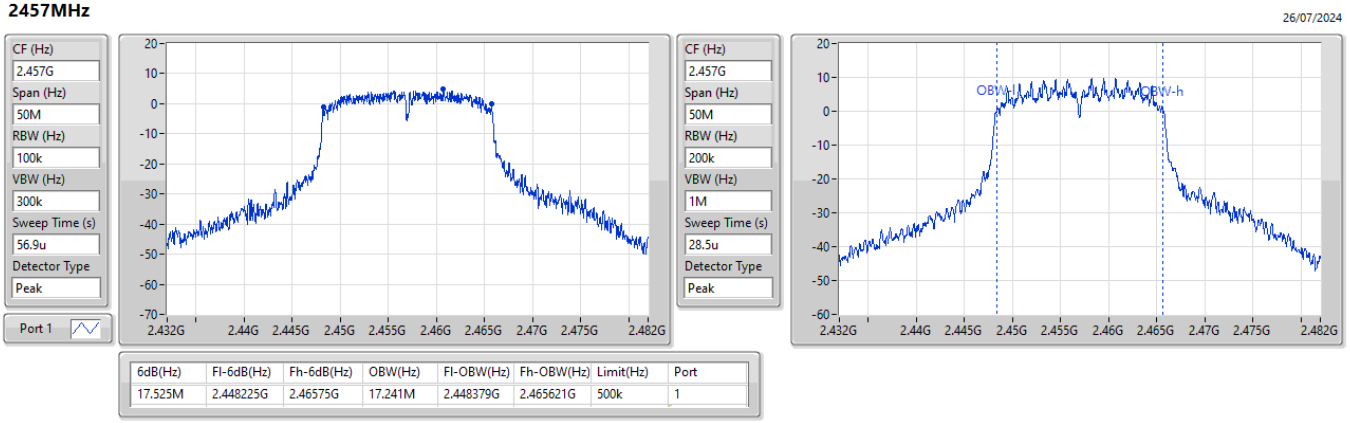
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.403825G	2.420125G	16.294M	2.403842G	2.420136G	500k	1

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX **EBW**

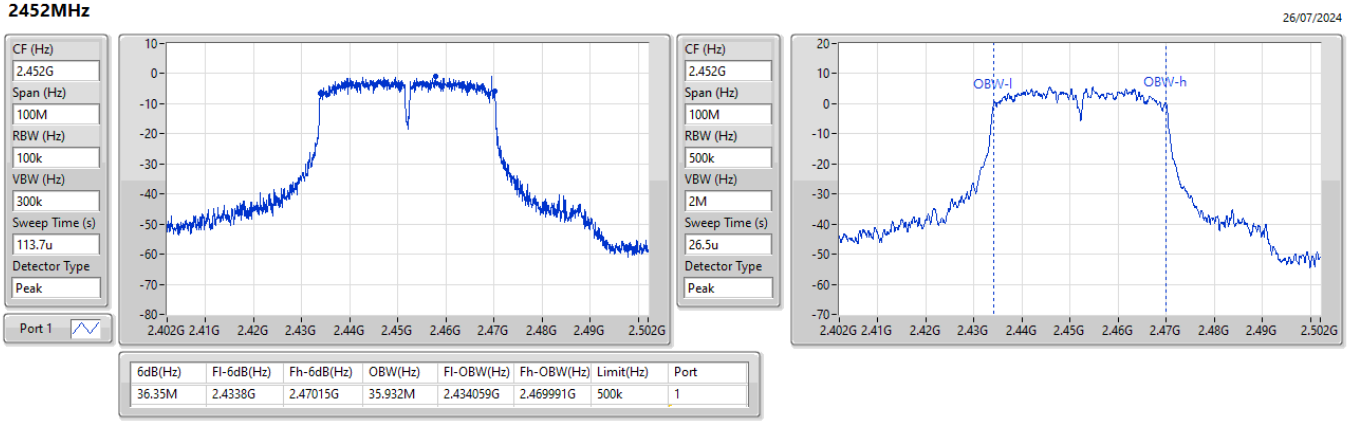
2457MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.448225G	2.46575G	17.241M	2.448379G	2.465621G	500k	1

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4338G	2.47015G	35.932M	2.434059G	2.469991G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	8.325M	13.133M	13M1G1D	7.925M	13.013M
802.11g_Nss1,(6Mbps)_1TX	16.3M	16.36M	16M4D1D	16.025M	16.272M
802.11n HT20_Nss1,(MCS0)_1TX	16.925M	17.516M	17M5D1D	15.05M	17.341M
802.11n HT40_Nss1,(MCS0)_1TX	35.95M	35.882M	35M9D1D	28.8M	35.732M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

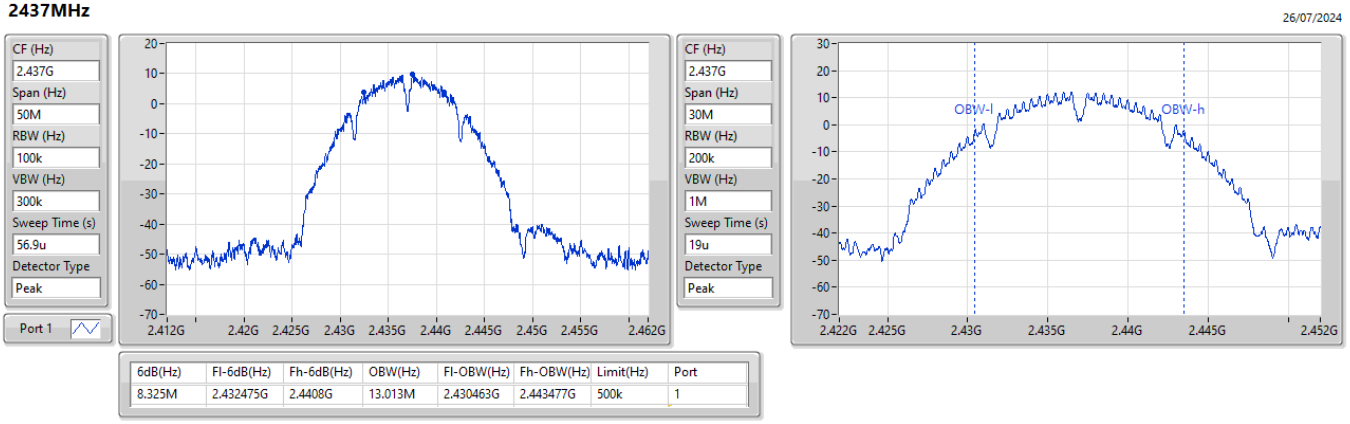
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.1M	13.133M
2437MHz	Pass	500k	8.325M	13.013M
2462MHz	Pass	500k	7.925M	13.088M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.075M	16.316M
2417MHz	Pass	500k	16.05M	16.36M
2437MHz	Pass	500k	16.05M	16.272M
2457MHz	Pass	500k	16.3M	16.338M
2462MHz	Pass	500k	16.025M	16.294M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	16.3M	17.441M
2417MHz	Pass	500k	16.925M	17.516M
2437MHz	Pass	500k	16.075M	17.416M
2457MHz	Pass	500k	15.05M	17.416M
2462MHz	Pass	500k	16.675M	17.341M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.95M	35.882M
2427MHz	Pass	500k	28.8M	35.882M
2437MHz	Pass	500k	30.4M	35.732M
2447MHz	Pass	500k	32.6M	35.832M
2452MHz	Pass	500k	31.35M	35.882M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **EBW**

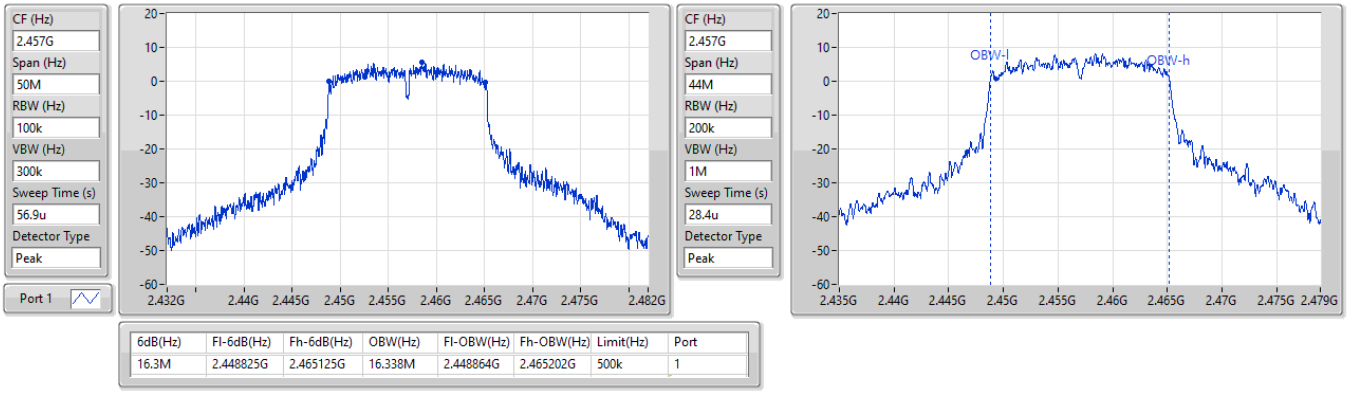
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.325M	2.432475G	2.4408G	13.013M	2.430463G	2.443477G	500k	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **EBW**

2457MHz

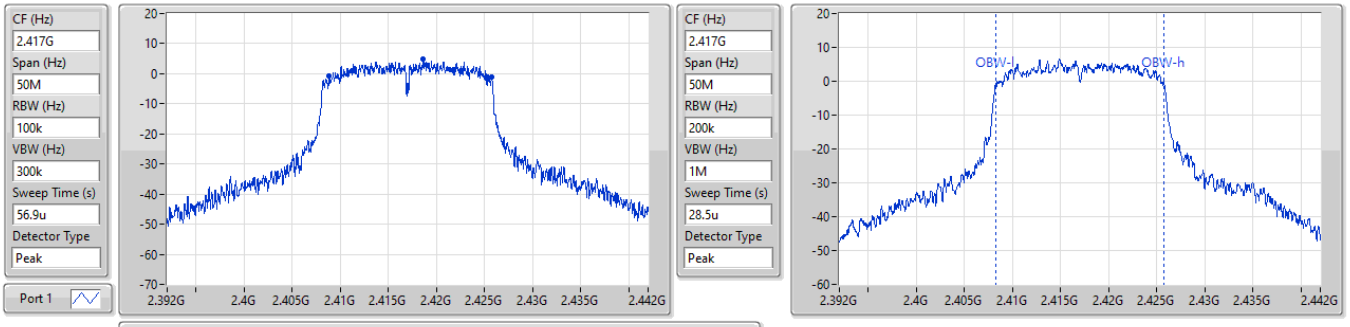


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.448825G	2.465125G	16.338M	2.448864G	2.465202G	500k	1

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX **EBW**

2417MHz

26/07/2024

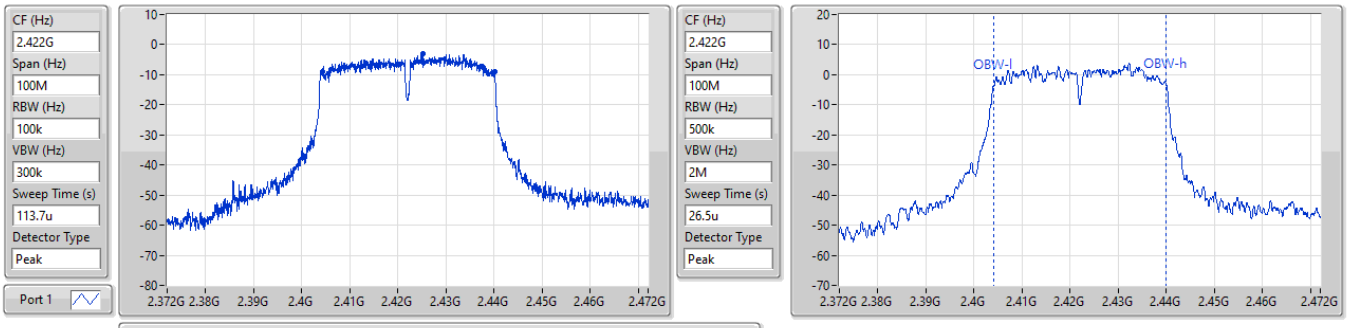


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.925M	2.40885G	2.425775G	17.516M	2.408254G	2.425771G	500k	1

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX **EBW**

2422MHz

26/07/2024



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.4042G	2.44015G	35.882M	2.404059G	2.439941G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	19.44	0.08790
802.11g_Nss1,(6Mbps)_1TX	18.84	0.07656
802.11n HT20_Nss1,(MCS0)_1TX	18.73	0.07464
802.11n HT40_Nss1,(MCS0)_1TX	18.26	0.06699

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.47	18.53	18.53	30.00
2437MHz	Pass	2.47	19.44	19.44	30.00
2462MHz	Pass	2.47	19.29	19.29	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.47	18.12	18.12	30.00
2437MHz	Pass	2.47	18.84	18.84	30.00
2457MHz	Pass	2.47	18.57	18.57	30.00
2462MHz	Pass	2.47	16.88	16.88	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.47	18.01	18.01	30.00
2437MHz	Pass	2.47	18.73	18.73	30.00
2457MHz	Pass	2.47	18.49	18.49	30.00
2462MHz	Pass	2.47	17.14	17.14	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.47	16.61	16.61	30.00
2427MHz	Pass	2.47	18.20	18.20	30.00
2437MHz	Pass	2.47	18.26	18.26	30.00
2447MHz	Pass	2.47	15.86	15.86	30.00
2452MHz	Pass	2.47	15.39	15.39	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	19.60	0.09120
802.11g_Nss1,(6Mbps)_1TX	18.96	0.07870
802.11n HT20_Nss1,(MCS0)_1TX	18.86	0.07691
802.11n HT40_Nss1,(MCS0)_1TX	16.87	0.04864

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.71	18.59	18.59	30.00
2437MHz	Pass	5.71	19.60	19.60	30.00
2462MHz	Pass	5.71	19.36	19.36	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.71	16.81	16.81	30.00
2417MHz	Pass	5.71	18.20	18.20	30.00
2437MHz	Pass	5.71	18.96	18.96	30.00
2457MHz	Pass	5.71	18.64	18.64	30.00
2462MHz	Pass	5.71	16.44	16.44	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	5.71	16.14	16.14	30.00
2417MHz	Pass	5.71	18.08	18.08	30.00
2437MHz	Pass	5.71	18.86	18.86	30.00
2457MHz	Pass	5.71	18.45	18.45	30.00
2462MHz	Pass	5.71	15.96	15.96	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	5.71	12.79	12.79	30.00
2427MHz	Pass	5.71	14.24	14.24	30.00
2437MHz	Pass	5.71	16.87	16.87	30.00
2447MHz	Pass	5.71	13.90	13.90	30.00
2452MHz	Pass	5.71	13.42	13.42	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-1.96
802.11g_Nss1,(6Mbps)_1TX	-6.00
802.11n HT20_Nss1,(MCS0)_1TX	-6.29
802.11n HT40_Nss1,(MCS0)_1TX	-9.16

RBW = 3kHz;

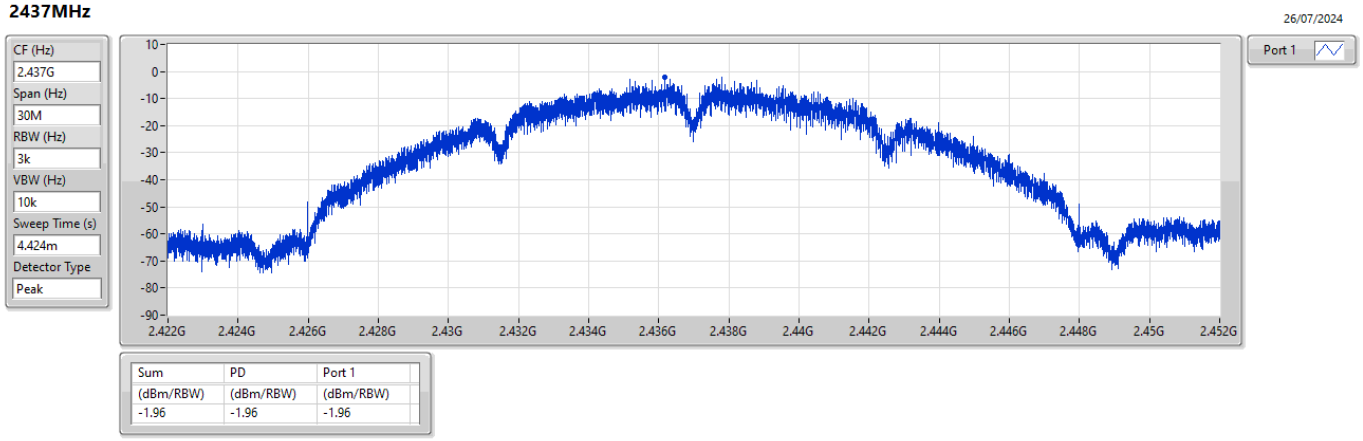
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.47	-4.89	-4.89	8.00
2437MHz	Pass	2.47	-1.96	-1.96	8.00
2462MHz	Pass	2.47	-4.32	-4.32	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.47	-6.18	-6.18	8.00
2437MHz	Pass	2.47	-6.06	-6.06	8.00
2457MHz	Pass	2.47	-6.00	-6.00	8.00
2462MHz	Pass	2.47	-6.41	-6.41	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.47	-6.71	-6.71	8.00
2437MHz	Pass	2.47	-6.29	-6.29	8.00
2457MHz	Pass	2.47	-7.61	-7.61	8.00
2462MHz	Pass	2.47	-8.08	-8.08	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.47	-9.82	-9.82	8.00
2427MHz	Pass	2.47	-9.73	-9.73	8.00
2437MHz	Pass	2.47	-9.16	-9.16	8.00
2447MHz	Pass	2.47	-11.23	-11.23	8.00
2452MHz	Pass	2.47	-13.10	-13.10	8.00

DG = Directional Gain; RBW = 3kHz;
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.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

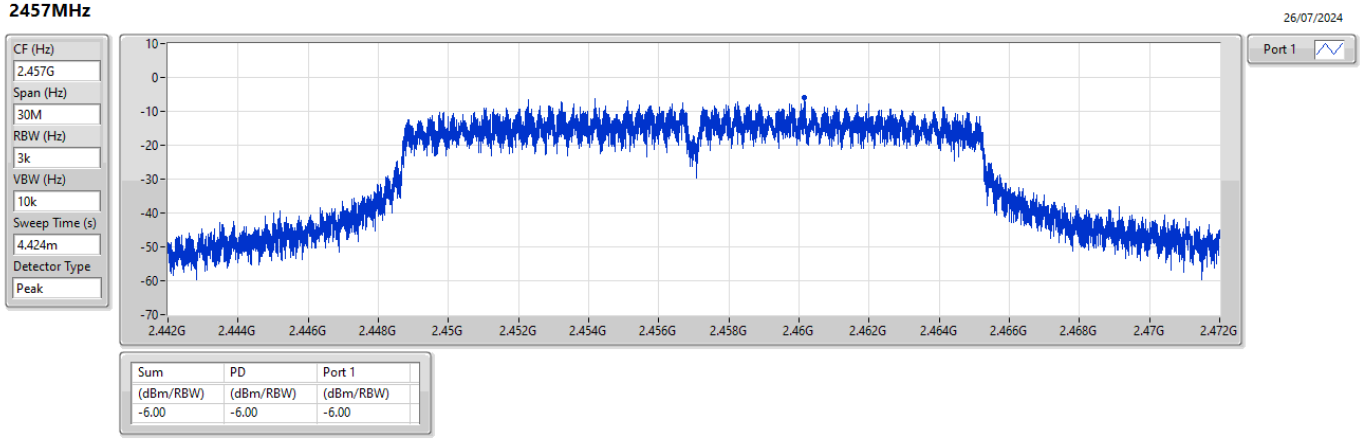
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.96	-1.96	-1.96

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

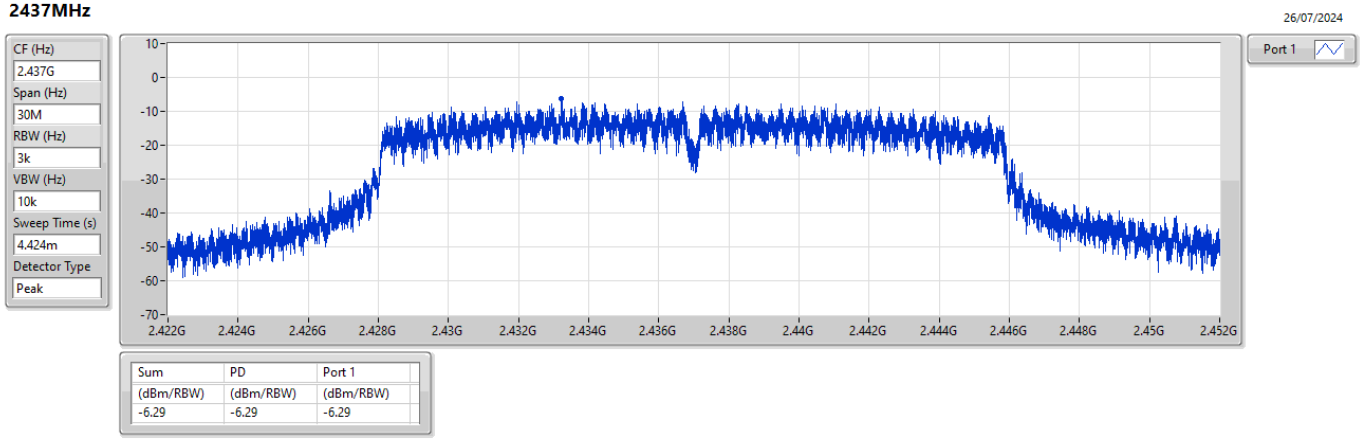
2457MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.00	-6.00	-6.00

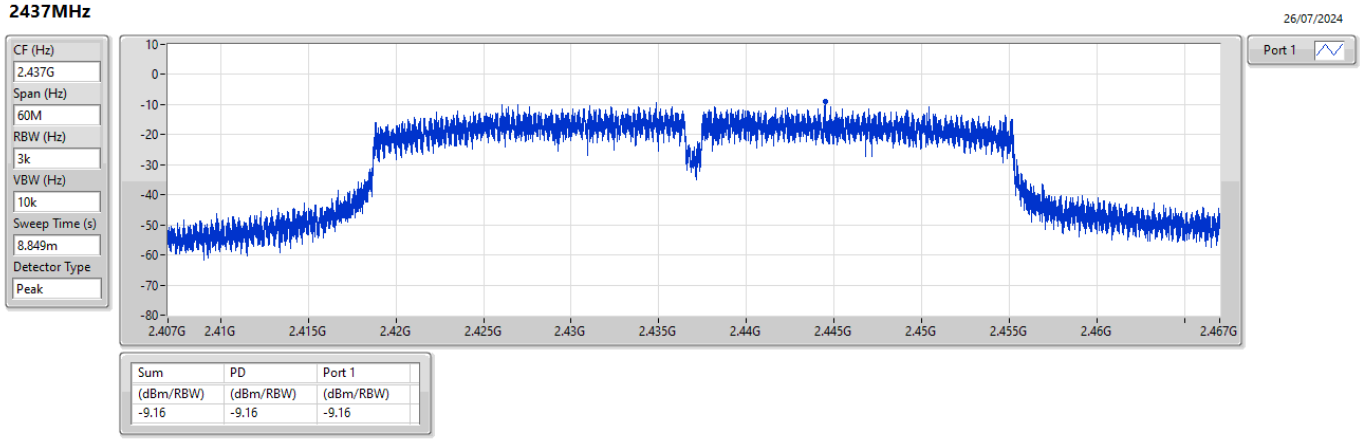
2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX **PSD**

2437MHz



2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX **PSD**

2437MHz



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-3.28
802.11g_Nss1,(6Mbps)_1TX	-5.74
802.11n HT20_Nss1,(MCS0)_1TX	-6.28
802.11n HT40_Nss1,(MCS0)_1TX	-10.73

RBW = 3kHz;

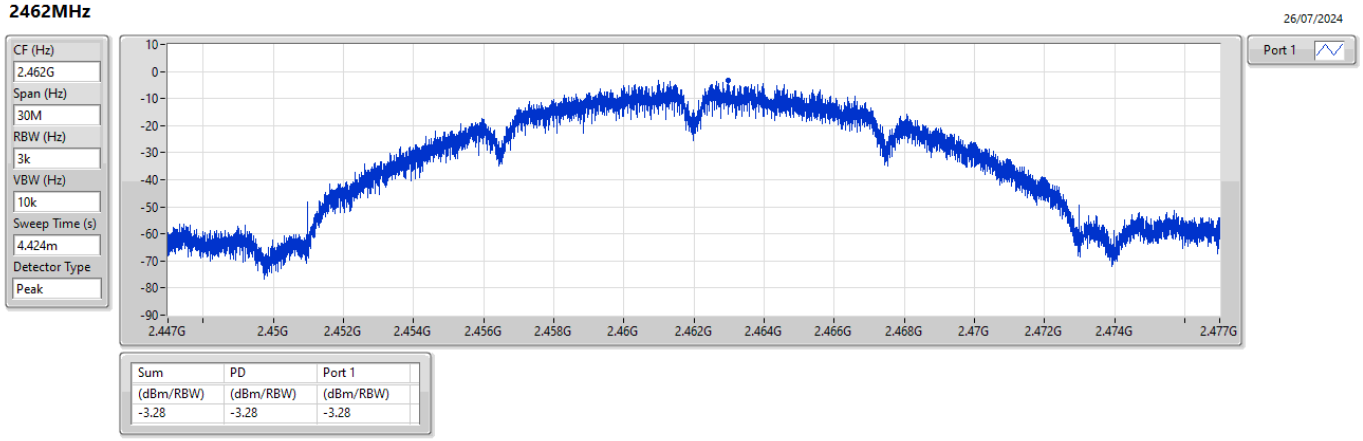
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.71	-4.71	-4.71	8.00
2437MHz	Pass	5.71	-3.33	-3.33	8.00
2462MHz	Pass	5.71	-3.28	-3.28	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.71	-6.12	-6.12	8.00
2417MHz	Pass	5.71	-6.44	-6.44	8.00
2437MHz	Pass	5.71	-5.74	-5.74	8.00
2457MHz	Pass	5.71	-6.62	-6.62	8.00
2462MHz	Pass	5.71	-8.13	-8.13	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	5.71	-9.22	-9.22	8.00
2417MHz	Pass	5.71	-6.62	-6.62	8.00
2437MHz	Pass	5.71	-6.71	-6.71	8.00
2457MHz	Pass	5.71	-6.28	-6.28	8.00
2462MHz	Pass	5.71	-8.50	-8.50	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	5.71	-14.48	-14.48	8.00
2427MHz	Pass	5.71	-12.99	-12.99	8.00
2437MHz	Pass	5.71	-10.73	-10.73	8.00
2447MHz	Pass	5.71	-14.38	-14.38	8.00
2452MHz	Pass	5.71	-14.01	-14.01	8.00

DG = Directional Gain; RBW = 3kHz;
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.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

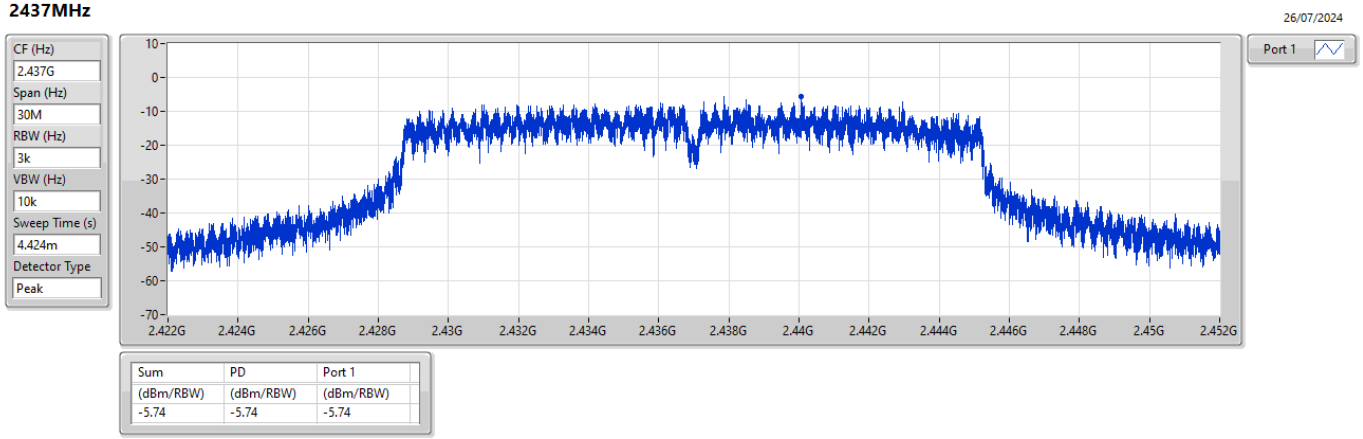
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.28	-3.28	-3.28

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

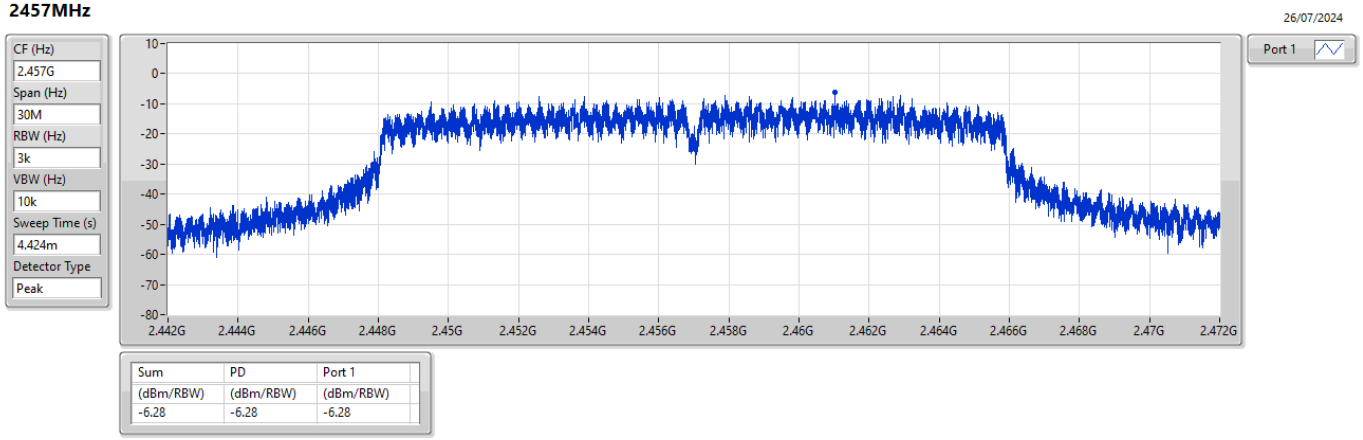
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.74	-5.74	-5.74

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX **PSD**

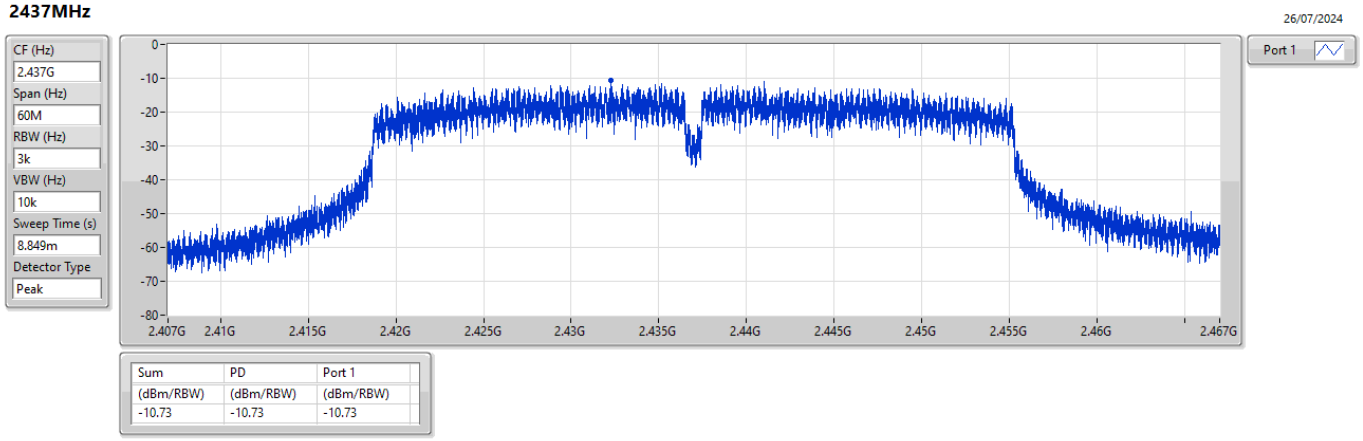
2457MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.28	-6.28	-6.28

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX **PSD**

2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.73	-10.73	-10.73

Summary

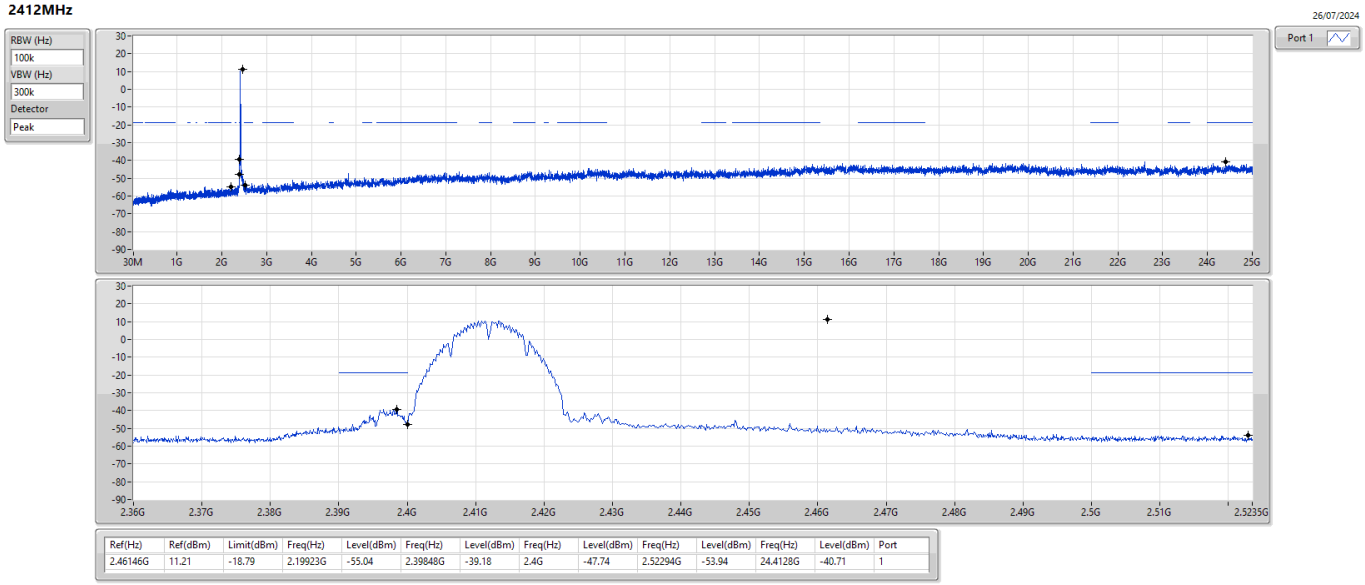
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.46146G	11.21	-18.79	2.19923G	-55.04	2.39848G	-39.18	2.4G	-47.74	2.52294G	-53.94	24.4128G	-40.71	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43941G	8.76	-21.24	2.18642G	-54.97	2.39984G	-24.68	2.4G	-25.64	2.51102G	-53.21	24.80614G	-41.76	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4319G	8.59	-21.41	2.02099G	-55.40	2.39976G	-26.55	2.4G	-26.01	2.52014G	-53.21	24.49428G	-41.82	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.4319G	5.88	-24.12	2.18031G	-55.13	2.39984G	-31.93	2.4G	-32.08	2.55406G	-53.43	16.21891G	-40.82	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46146G	11.21	-18.79	2.19923G	-55.04	2.39848G	-39.18	2.4G	-47.74	2.52294G	-53.94	24.4128G	-40.71	1
2437MHz	Pass	2.46146G	11.21	-18.79	2.15147G	-55.21	2.39752G	-51.59	2.4G	-53.60	2.51382G	-53.56	16.21731G	-41.79	1
2462MHz	Pass	2.46146G	11.21	-18.79	2.03613G	-55.07	2.39952G	-51.27	2.4G	-53.08	2.52198G	-52.91	23.19345G	-40.98	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	8.76	-21.24	2.18642G	-54.97	2.39984G	-24.68	2.4G	-25.64	2.51102G	-53.21	24.80614G	-41.76	1
2437MHz	Pass	2.43941G	8.76	-21.24	2.13749G	-54.73	2.39992G	-48.26	2.4G	-49.26	2.50598G	-53.10	24.16837G	-41.28	1
2462MHz	Pass	2.43941G	8.76	-21.24	2.30292G	-54.97	2.39592G	-50.85	2.4G	-52.45	2.50118G	-54.02	24.60104G	-41.44	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	8.59	-21.41	2.02099G	-55.40	2.39976G	-26.55	2.4G	-26.01	2.52014G	-53.21	24.49428G	-41.82	1
2437MHz	Pass	2.4319G	8.59	-21.41	2.03963G	-53.94	2.39888G	-48.32	2.4G	-47.56	2.51006G	-53.58	21.85329G	-40.52	1
2462MHz	Pass	2.4319G	8.59	-21.41	2.04778G	-55.07	2.39752G	-51.90	2.4G	-52.19	2.51582G	-52.93	15.20306G	-41.73	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4319G	5.88	-24.12	2.18031G	-55.13	2.39984G	-31.93	2.4G	-32.08	2.55406G	-53.43	16.21891G	-40.82	1
2437MHz	Pass	2.4319G	5.88	-24.12	2.19405G	-55.17	2.39984G	-37.40	2.4G	-36.35	2.52478G	-53.08	24.86258G	-41.61	1
2452MHz	Pass	2.4319G	5.88	-24.12	2.11276G	-55.04	2.39984G	-48.83	2.4G	-49.26	2.5379G	-52.53	24.18107G	-40.41	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX CSENdB

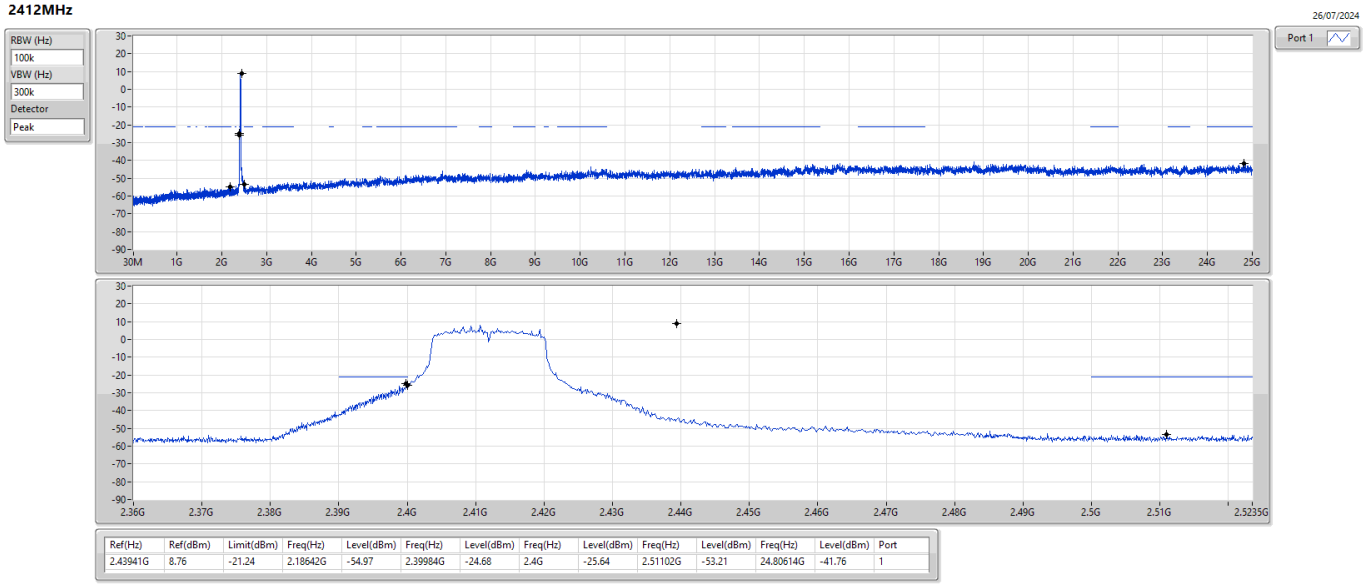
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46146G	11.21	-18.79	2.19923G	-55.04	2.39848G	-39.18	2.4G	-47.74	2.52294G	-53.94	24.4128G	-40.71	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX CSENdB

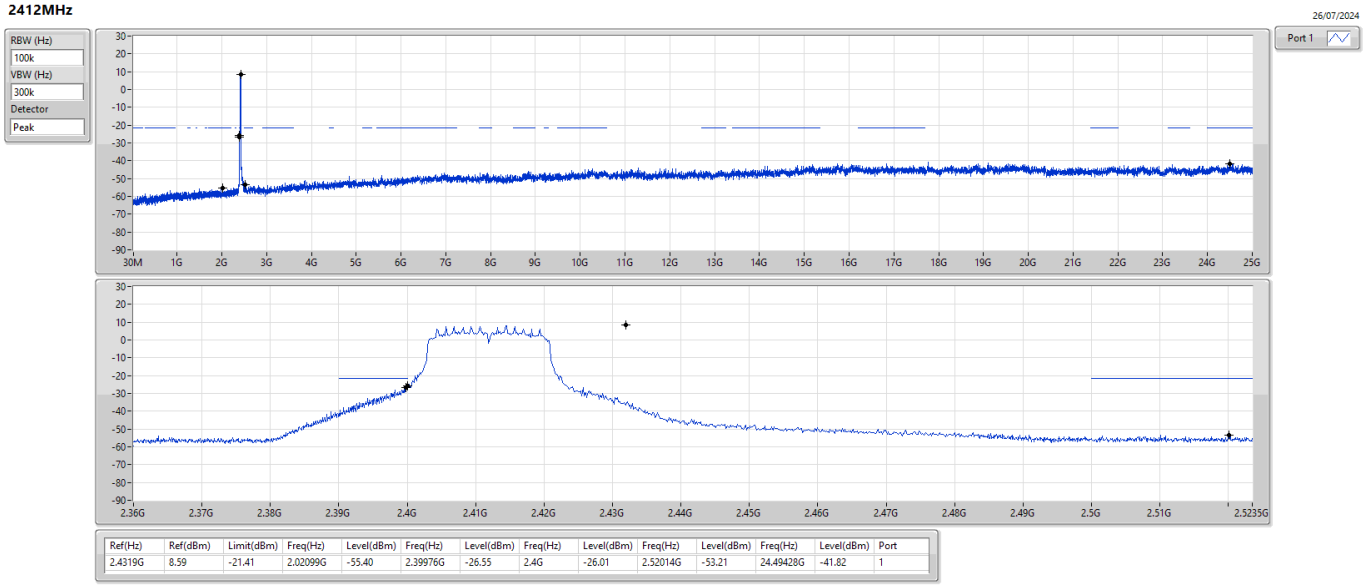
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	8.76	-21.24	2.18642G	-54.97	2.39984G	-24.68	2.4G	-25.64	2.51102G	-53.21	24.80614G	-41.76	1

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX CSENdB

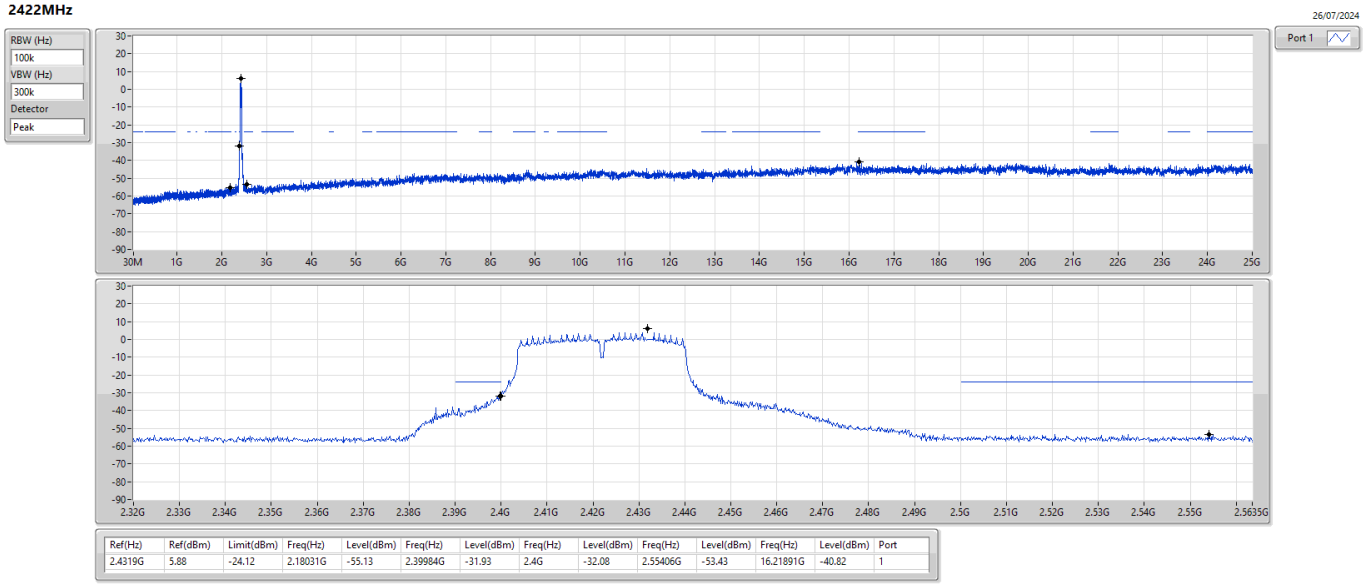
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	8.59	-21.41	2.02099G	-55.40	2.39976G	-26.55	2.4G	-26.01	2.52014G	-53.21	24.49428G	-41.82	1

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX CSENdB

2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	5.88	-24.12	2.18031G	-55.13	2.39984G	-31.93	2.4G	-32.08	2.55406G	-53.43	16.21891G	-40.82	1

Summary

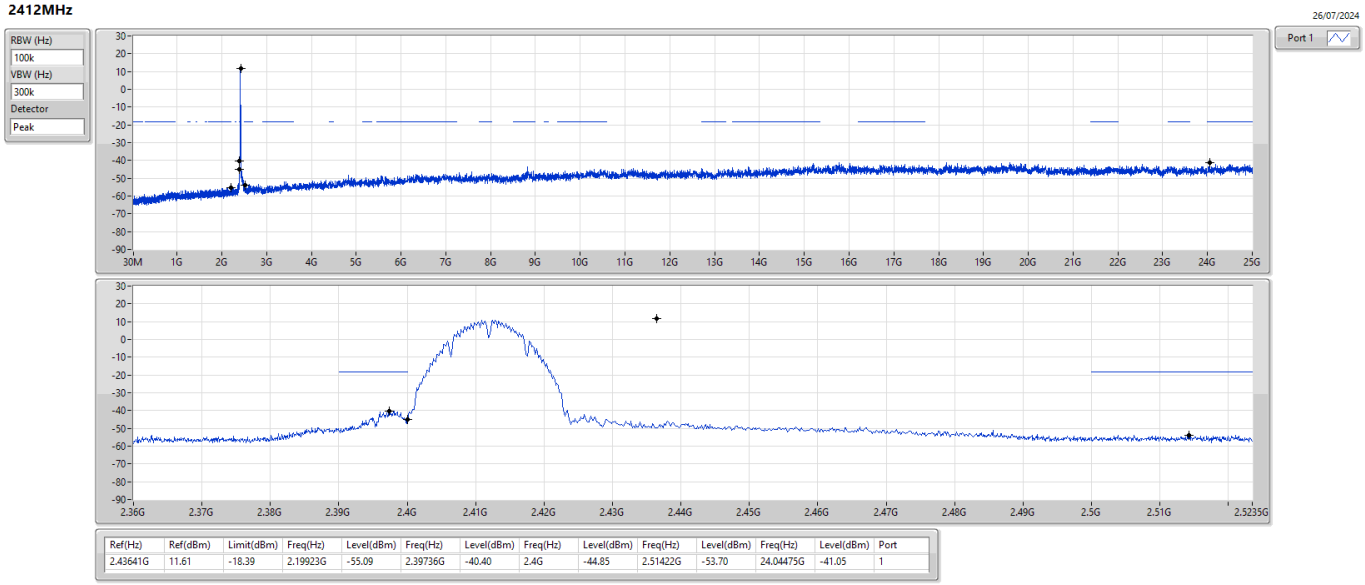
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43641G	11.61	-18.39	2.19923G	-55.09	2.39736G	-40.40	2.4G	-44.85	2.51422G	-53.70	24.04475G	-41.05	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	8.64	-21.36	2.11885G	-54.65	2.39992G	-28.49	2.4G	-29.90	2.50902G	-53.67	24.16837G	-39.94	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.43574G	8.97	-21.03	2.17011G	-54.65	2.39984G	-31.04	2.4G	-30.75	2.52142G	-52.85	24.4999G	-41.15	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.4319G	4.11	-25.89	2.30855G	-54.59	2.4G	-34.85	2.4G	-35.74	2.5627G	-52.86	24.78966G	-41.37	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	11.61	-18.39	2.19923G	-55.09	2.39736G	-40.40	2.4G	-44.85	2.51422G	-53.70	24.04475G	-41.05	1
2437MHz	Pass	2.43641G	11.61	-18.39	2.13283G	-55.51	2.39904G	-47.97	2.4G	-48.78	2.5151G	-53.07	24.18523G	-41.90	1
2462MHz	Pass	2.43641G	11.61	-18.39	1.78566G	-55.00	2.4G	-51.56	2.4G	-52.96	2.51478G	-53.01	24.52237G	-41.71	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	8.64	-21.36	2.11885G	-54.65	2.39992G	-28.49	2.4G	-29.90	2.50902G	-53.67	24.16837G	-39.94	1
2437MHz	Pass	2.43824G	8.64	-21.36	1.63188G	-54.30	2.39792G	-47.74	2.4G	-48.84	2.50782G	-53.63	24.53642G	-42.05	1
2462MHz	Pass	2.43824G	8.64	-21.36	2.18875G	-54.78	2.39712G	-51.15	2.4G	-53.25	2.5047G	-53.67	16.84384G	-41.62	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	8.97	-21.03	2.17011G	-54.65	2.39984G	-31.04	2.4G	-30.75	2.52142G	-52.85	24.4999G	-41.15	1
2437MHz	Pass	2.43574G	8.97	-21.03	1.76119G	-54.86	2.39976G	-46.61	2.4G	-49.09	2.51406G	-53.96	16.21169G	-41.34	1
2462MHz	Pass	2.43574G	8.97	-21.03	2.13399G	-55.36	2.39968G	-51.80	2.4G	-54.05	2.50486G	-53.20	24.57295G	-40.90	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4319G	4.11	-25.89	2.30855G	-54.59	2.4G	-34.85	2.4G	-35.74	2.5627G	-52.86	24.78966G	-41.37	1
2437MHz	Pass	2.4319G	4.11	-25.89	2.10932G	-54.39	2.39904G	-42.45	2.4G	-43.08	2.56334G	-53.34	24.16704G	-41.72	1
2452MHz	Pass	2.4319G	4.11	-25.89	2.30741G	-54.22	2.39936G	-48.33	2.4G	-49.96	2.52046G	-53.61	24.21472G	-41.32	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX CSENdB

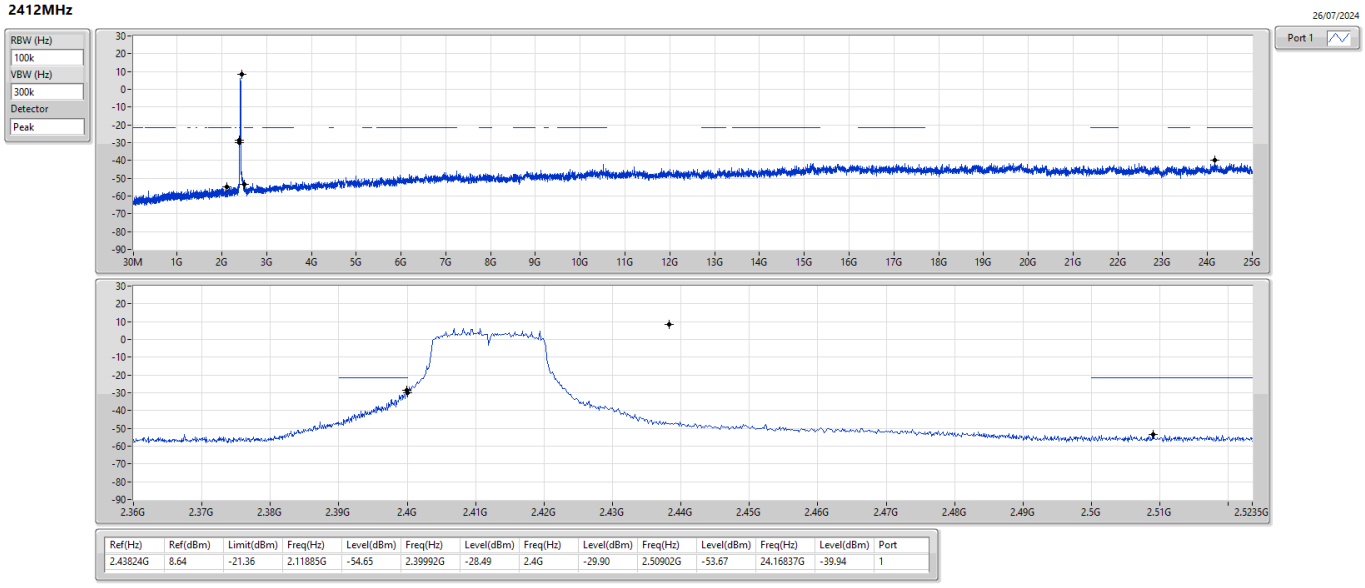
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	11.61	-18.39	2.19923G	-55.09	2.39736G	-40.40	2.4G	-44.85	2.51422G	-53.70	24.04475G	-41.05	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX CSENdB

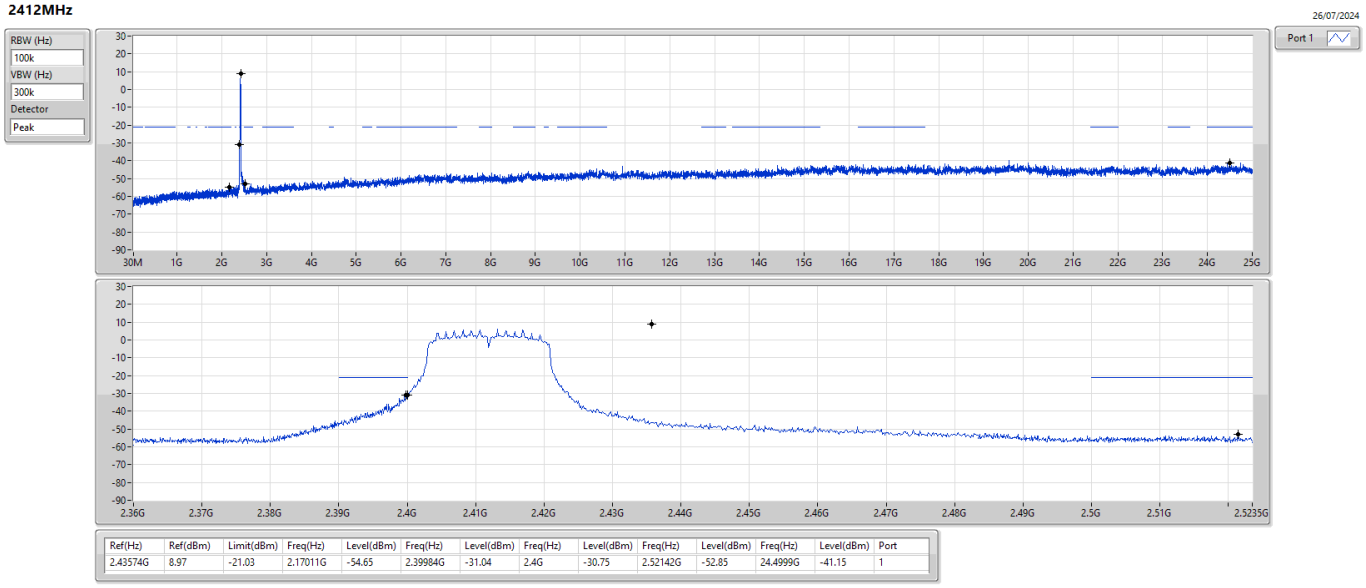
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	8.64	-21.36	2.11885G	-54.65	2.39992G	-28.49	2.4G	-29.90	2.50902G	-53.67	24.16837G	-39.94	1

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX CSENdB

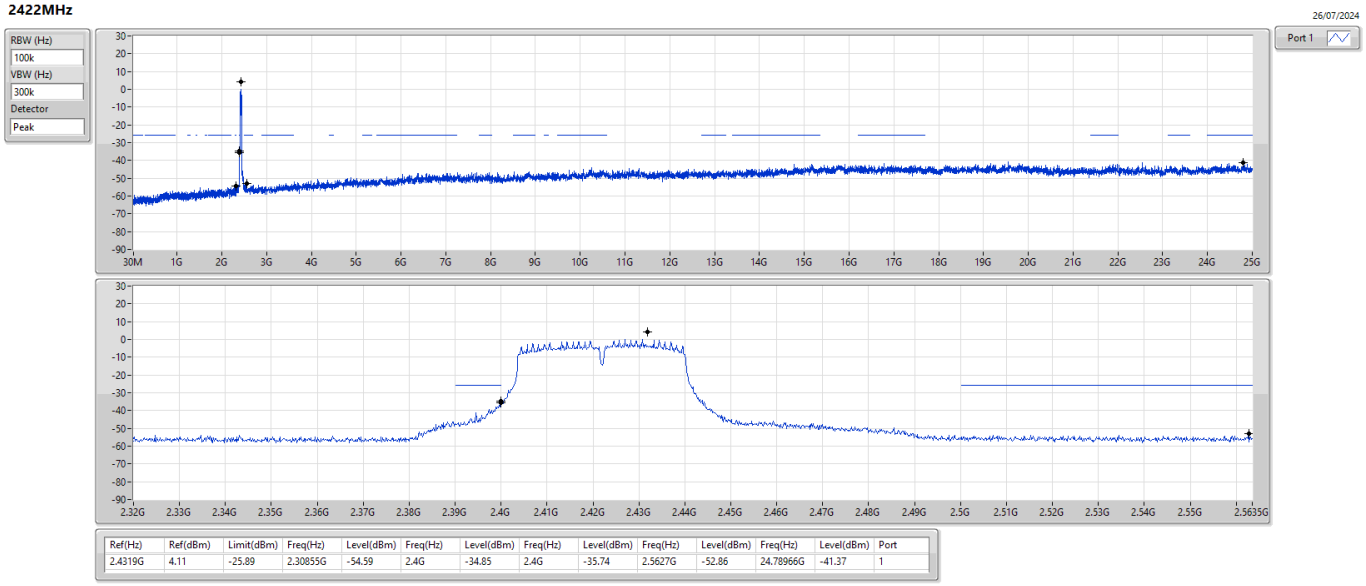
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	8.97	-21.03	2.17011G	-54.65	2.39984G	-31.04	2.4G	-30.75	2.52142G	-52.85	24.4999G	-41.15	1

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX CSENdB

2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	4.11	-25.89	2.30855G	-54.59	2.4G	-34.85	2.4G	-35.74	2.5627G	-52.86	24.78966G	-41.37	1

Summary

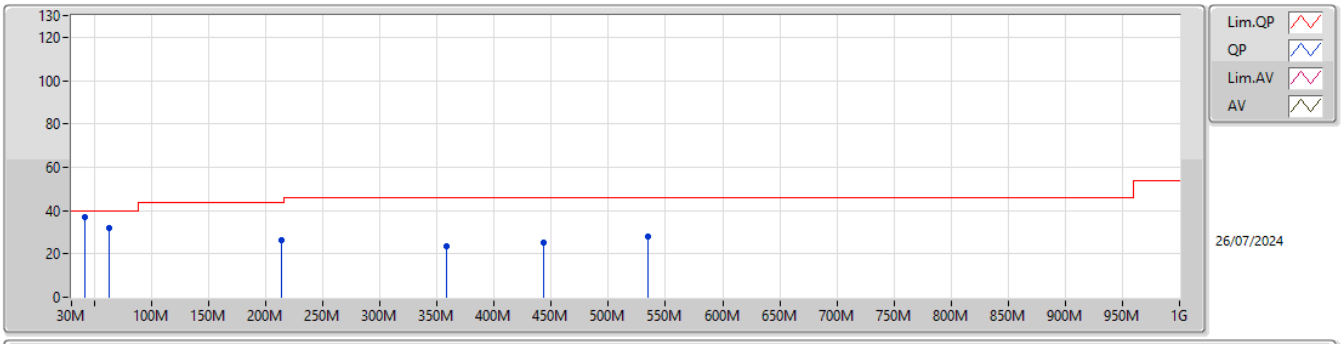
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	41.64M	36.94	40.00	-3.06	3	Vertical	360	3.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2427MHz_Adapter	Pass	PK	41.64M	36.94	40.00	-3.06	3	Vertical	360	3.00
2427MHz_Adapter	Pass	PK	62.98M	32.04	40.00	-7.96	3	Vertical	360	3.00
2427MHz_Adapter	Pass	PK	214.3M	26.08	43.50	-17.42	3	Vertical	360	3.00
2427MHz_Adapter	Pass	PK	357.86M	23.43	46.00	-22.57	3	Vertical	360	3.00
2427MHz_Adapter	Pass	PK	443.22M	25.27	46.00	-20.73	3	Vertical	360	3.00
2427MHz_Adapter	Pass	PK	534.4M	27.78	46.00	-18.22	3	Vertical	360	3.00
2427MHz_Adapter	Pass	PK	62.98M	31.62	40.00	-8.38	3	Horizontal	0	3.00
2427MHz_Adapter	Pass	PK	146.4M	29.90	43.50	-13.60	3	Horizontal	0	3.00
2427MHz_Adapter	Pass	PK	214.3M	32.78	43.50	-10.72	3	Horizontal	0	3.00
2427MHz_Adapter	Pass	PK	309.36M	27.87	46.00	-18.13	3	Horizontal	0	3.00
2427MHz_Adapter	Pass	PK	470.38M	27.22	46.00	-18.78	3	Horizontal	0	3.00
2427MHz_Adapter	Pass	PK	549.92M	28.44	46.00	-17.56	3	Horizontal	0	3.00

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

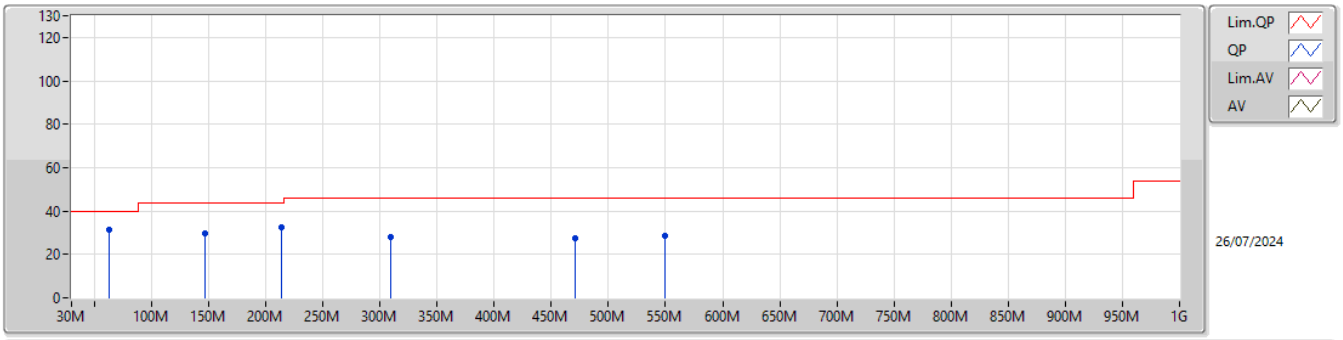
2427MHz_Adapter



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	41.64M	36.94	40.00	-3.06	-7.41	3	Vertical	360	3.00	44.35	17.36	1.41	26.18
PK	62.98M	32.04	40.00	-7.96	-13.78	3	Vertical	360	3.00	45.82	11.42	1.73	26.93
PK	214.3M	26.08	43.50	-17.42	-10.11	3	Vertical	360	3.00	36.19	14.08	3.03	27.22
PK	357.86M	23.43	46.00	-22.57	-3.67	3	Vertical	360	3.00	27.10	19.83	3.92	27.42
PK	443.22M	25.27	46.00	-20.73	-1.66	3	Vertical	360	3.00	26.93	21.82	4.54	28.02
PK	534.4M	27.78	46.00	-18.22	-0.28	3	Vertical	360	3.00	28.06	22.98	5.05	28.31

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_Adapter



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	62.98M	31.62	40.00	-8.38	-13.78	3	Horizontal	0	3.00	45.40	11.42	1.73	26.93
PK	146.4M	29.90	43.50	-13.60	-9.27	3	Horizontal	0	3.00	39.17	15.79	2.46	27.52
PK	214.3M	32.78	43.50	-10.72	-10.11	3	Horizontal	0	3.00	42.89	14.08	3.03	27.22
PK	309.36M	27.87	46.00	-18.13	-4.82	3	Horizontal	0	3.00	32.69	18.56	3.70	27.08
PK	470.38M	27.22	46.00	-18.78	-1.01	3	Horizontal	0	3.00	28.23	22.45	4.71	28.17
PK	549.92M	28.44	46.00	-17.56	0.79	3	Horizontal	0	3.00	27.65	23.97	5.13	28.31

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.4882G	49.03	54.00	-4.97	3	Horizontal	323	1.90
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	53.13	54.00	-0.87	3	Horizontal	324	2.64
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.3896G	53.84	54.00	-0.16	3	Horizontal	323	1.10
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.4866G	53.74	54.00	-0.26	3	Horizontal	328	1.88

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	47.57	54.00	-6.43	3	Vertical	67	2.79
2412MHz	Pass	AV	2.4112G	100.01	Inf	-Inf	3	Vertical	67	2.79
2412MHz	Pass	PK	2.389G	59.87	74.00	-14.13	3	Vertical	67	2.79
2412MHz	Pass	PK	2.4112G	102.43	Inf	-Inf	3	Vertical	67	2.79
2412MHz	Pass	AV	2.3892G	48.28	54.00	-5.72	3	Horizontal	321	1.20
2412MHz	Pass	AV	2.4112G	104.35	Inf	-Inf	3	Horizontal	321	1.20
2412MHz	Pass	PK	2.3846G	59.87	74.00	-14.13	3	Horizontal	321	1.20
2412MHz	Pass	PK	2.411G	106.75	Inf	-Inf	3	Horizontal	321	1.20
2412MHz	Pass	AV	4.82392G	36.83	54.00	-17.17	3	Vertical	179	3.00
2412MHz	Pass	PK	4.8238G	43.68	74.00	-30.32	3	Vertical	179	3.00
2412MHz	Pass	AV	4.82396G	45.73	54.00	-8.27	3	Horizontal	65	1.89
2412MHz	Pass	PK	4.82388G	49.99	74.00	-24.01	3	Horizontal	65	1.89
2437MHz	Pass	AV	2.3598G	47.35	54.00	-6.65	3	Vertical	172	2.62
2437MHz	Pass	AV	2.4362G	97.39	Inf	-Inf	3	Vertical	172	2.62
2437MHz	Pass	AV	2.4918G	48.54	54.00	-5.46	3	Vertical	172	2.62
2437MHz	Pass	PK	2.3502G	59.56	74.00	-14.44	3	Vertical	172	2.62
2437MHz	Pass	PK	2.4362G	99.84	Inf	-Inf	3	Vertical	172	2.62
2437MHz	Pass	PK	2.4886G	60.73	74.00	-13.27	3	Vertical	172	2.62
2437MHz	Pass	AV	2.389G	47.81	54.00	-6.19	3	Horizontal	325	1.96
2437MHz	Pass	AV	2.4362G	105.89	Inf	-Inf	3	Horizontal	325	1.96
2437MHz	Pass	AV	2.485G	49.01	54.00	-4.99	3	Horizontal	325	1.96
2437MHz	Pass	PK	2.3818G	59.18	74.00	-14.82	3	Horizontal	325	1.96
2437MHz	Pass	PK	2.4362G	108.33	Inf	-Inf	3	Horizontal	325	1.96
2437MHz	Pass	PK	2.4878G	60.28	74.00	-13.72	3	Horizontal	325	1.96
2437MHz	Pass	AV	4.87396G	36.63	54.00	-17.37	3	Vertical	77	1.03
2437MHz	Pass	AV	7.30606G	33.67	54.00	-20.33	3	Vertical	107	1.62
2437MHz	Pass	PK	4.8738G	44.09	74.00	-29.91	3	Vertical	77	1.03
2437MHz	Pass	PK	7.31544G	46.19	74.00	-27.81	3	Vertical	107	1.62
2437MHz	Pass	AV	4.874G	44.26	54.00	-9.74	3	Horizontal	68	1.13
2437MHz	Pass	AV	7.3061G	33.67	54.00	-20.33	3	Horizontal	287	2.16
2437MHz	Pass	PK	4.874G	48.79	74.00	-25.21	3	Horizontal	68	1.13
2437MHz	Pass	PK	7.31152G	46.39	74.00	-27.61	3	Horizontal	287	2.16
2462MHz	Pass	AV	2.4628G	101.24	Inf	-Inf	3	Vertical	333	2.62
2462MHz	Pass	AV	2.4876G	48.78	54.00	-5.22	3	Vertical	333	2.62
2462MHz	Pass	PK	2.4628G	103.66	Inf	-Inf	3	Vertical	333	2.62
2462MHz	Pass	PK	2.495G	61.67	74.00	-12.33	3	Vertical	333	2.62
2462MHz	Pass	AV	2.4612G	106.30	Inf	-Inf	3	Horizontal	323	1.90
2462MHz	Pass	AV	2.4882G	49.03	54.00	-4.97	3	Horizontal	323	1.90
2462MHz	Pass	PK	2.4612G	108.73	Inf	-Inf	3	Horizontal	323	1.90
2462MHz	Pass	PK	2.4848G	61.87	74.00	-12.13	3	Horizontal	323	1.90
2462MHz	Pass	AV	4.92396G	39.50	54.00	-14.50	3	Vertical	179	3.00
2462MHz	Pass	AV	7.38236G	33.28	54.00	-20.72	3	Vertical	174	1.90
2462MHz	Pass	PK	4.92378G	45.42	74.00	-28.58	3	Vertical	179	3.00
2462MHz	Pass	PK	7.38516G	46.09	74.00	-27.91	3	Vertical	174	1.90
2462MHz	Pass	AV	4.92396G	45.32	54.00	-8.68	3	Horizontal	61	2.04
2462MHz	Pass	AV	7.38236G	33.28	54.00	-20.72	3	Horizontal	94	2.18
2462MHz	Pass	PK	4.92398G	49.52	74.00	-24.48	3	Horizontal	61	2.04
2462MHz	Pass	PK	7.38162G	46.45	74.00	-27.55	3	Horizontal	94	2.18
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.73	54.00	-5.27	3	Vertical	171	1.94
2412MHz	Pass	AV	2.4098G	91.89	Inf	-Inf	3	Vertical	171	1.94
2412MHz	Pass	PK	2.3834G	59.56	74.00	-14.44	3	Vertical	171	1.94
2412MHz	Pass	PK	2.4086G	101.52	Inf	-Inf	3	Vertical	171	1.94
2412MHz	Pass	AV	2.39G	52.95	54.00	-1.05	3	Horizontal	323	1.10
2412MHz	Pass	AV	2.4132G	100.61	Inf	-Inf	3	Horizontal	323	1.10
2412MHz	Pass	PK	2.3898G	64.33	74.00	-9.67	3	Horizontal	323	1.10
2412MHz	Pass	PK	2.4102G	109.79	Inf	-Inf	3	Horizontal	323	1.10
2412MHz	Pass	AV	4.82124G	30.81	54.00	-23.19	3	Vertical	182	3.00
2412MHz	Pass	PK	4.82116G	42.59	74.00	-31.41	3	Vertical	182	3.00
2412MHz	Pass	AV	4.82392G	35.67	54.00	-18.33	3	Horizontal	62	1.90

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	4.82808G	46.77	74.00	-27.23	3	Horizontal	62	1.90
2437MHz	Pass	AV	2.3474G	48.02	54.00	-5.98	3	Vertical	333	2.60
2437MHz	Pass	AV	2.4402G	94.42	Inf	-Inf	3	Vertical	333	2.60
2437MHz	Pass	AV	2.4898G	49.04	54.00	-4.96	3	Vertical	333	2.60
2437MHz	Pass	PK	2.3798G	59.17	74.00	-14.83	3	Vertical	333	2.60
2437MHz	Pass	PK	2.4386G	102.69	Inf	-Inf	3	Vertical	333	2.60
2437MHz	Pass	PK	2.4914G	60.68	74.00	-13.32	3	Vertical	333	2.60
2437MHz	Pass	AV	2.3894G	48.28	54.00	-5.72	3	Horizontal	327	1.32
2437MHz	Pass	AV	2.4342G	100.54	Inf	-Inf	3	Horizontal	327	1.32
2437MHz	Pass	AV	2.4866G	49.26	54.00	-4.74	3	Horizontal	327	1.32
2437MHz	Pass	PK	2.3754G	58.68	74.00	-15.32	3	Horizontal	327	1.32
2437MHz	Pass	PK	2.4362G	111.01	Inf	-Inf	3	Horizontal	327	1.32
2437MHz	Pass	PK	2.4978G	59.79	74.00	-14.21	3	Horizontal	327	1.32
2437MHz	Pass	AV	4.87564G	30.68	54.00	-23.32	3	Vertical	166	1.98
2437MHz	Pass	AV	7.30996G	34.40	54.00	-19.60	3	Vertical	236	2.15
2437MHz	Pass	PK	4.87396G	42.59	74.00	-31.41	3	Vertical	166	1.98
2437MHz	Pass	PK	7.30814G	45.89	74.00	-28.11	3	Vertical	236	2.15
2437MHz	Pass	AV	4.87408G	34.91	54.00	-19.09	3	Horizontal	286	2.10
2437MHz	Pass	AV	7.30656G	34.41	54.00	-19.59	3	Horizontal	165	1.35
2437MHz	Pass	PK	4.87032G	47.52	74.00	-26.48	3	Horizontal	286	2.10
2437MHz	Pass	PK	7.31168G	46.02	74.00	-27.98	3	Horizontal	165	1.35
2457MHz	Pass	AV	2.4592G	97.46	Inf	-Inf	3	Vertical	334	2.61
2457MHz	Pass	AV	2.4838G	49.91	54.00	-4.09	3	Vertical	334	2.61
2457MHz	Pass	PK	2.4614G	106.03	Inf	-Inf	3	Vertical	334	2.61
2457MHz	Pass	PK	2.4835G	60.81	74.00	-13.19	3	Vertical	334	2.61
2457MHz	Pass	AV	2.46G	102.14	Inf	-Inf	3	Horizontal	326	1.90
2457MHz	Pass	AV	2.4838G	51.12	54.00	-2.88	3	Horizontal	326	1.90
2457MHz	Pass	PK	2.4612G	110.33	Inf	-Inf	3	Horizontal	326	1.90
2457MHz	Pass	PK	2.486G	61.71	74.00	-12.29	3	Horizontal	326	1.90
2462MHz	Pass	AV	2.464G	93.04	Inf	-Inf	3	Vertical	122	2.62
2462MHz	Pass	AV	2.4835G	49.46	54.00	-4.54	3	Vertical	122	2.62
2462MHz	Pass	PK	2.465G	101.63	Inf	-Inf	3	Vertical	122	2.62
2462MHz	Pass	PK	2.4848G	60.71	74.00	-13.29	3	Vertical	122	2.62
2462MHz	Pass	AV	2.464G	100.45	Inf	-Inf	3	Horizontal	324	2.64
2462MHz	Pass	AV	2.4835G	53.13	54.00	-0.87	3	Horizontal	324	2.64
2462MHz	Pass	PK	2.4604G	108.95	Inf	-Inf	3	Horizontal	324	2.64
2462MHz	Pass	PK	2.4835G	63.08	74.00	-10.92	3	Horizontal	324	2.64
2462MHz	Pass	AV	4.92424G	30.43	54.00	-23.57	3	Vertical	175	3.00
2462MHz	Pass	AV	7.3838G	34.02	54.00	-19.98	3	Vertical	49	1.16
2462MHz	Pass	PK	4.92944G	42.10	74.00	-31.90	3	Vertical	175	3.00
2462MHz	Pass	PK	7.3856G	45.65	74.00	-28.35	3	Vertical	49	1.16
2462MHz	Pass	AV	4.92392G	32.77	54.00	-21.23	3	Horizontal	62	1.95
2462MHz	Pass	AV	7.38394G	34.02	54.00	-19.98	3	Horizontal	257	1.28
2462MHz	Pass	PK	4.92528G	45.09	74.00	-28.91	3	Horizontal	62	1.95
2462MHz	Pass	PK	7.38674G	45.94	74.00	-28.06	3	Horizontal	257	1.28
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.36	54.00	-4.64	3	Vertical	169	1.93
2412MHz	Pass	AV	2.409G	91.88	Inf	-Inf	3	Vertical	169	1.93
2412MHz	Pass	PK	2.389G	59.25	74.00	-14.75	3	Vertical	169	1.93
2412MHz	Pass	PK	2.4088G	101.16	Inf	-Inf	3	Vertical	169	1.93
2412MHz	Pass	AV	2.3896G	53.84	54.00	-0.16	3	Horizontal	323	1.10
2412MHz	Pass	AV	2.411G	100.09	Inf	-Inf	3	Horizontal	323	1.10
2412MHz	Pass	PK	2.3898G	65.22	74.00	-8.78	3	Horizontal	323	1.10
2412MHz	Pass	PK	2.415G	109.31	Inf	-Inf	3	Horizontal	323	1.10
2412MHz	Pass	AV	4.82438G	30.61	54.00	-23.39	3	Vertical	182	2.94
2412MHz	Pass	PK	4.82394G	42.15	74.00	-31.85	3	Vertical	182	2.94
2412MHz	Pass	AV	4.82436G	35.55	54.00	-18.45	3	Horizontal	60	2.10
2412MHz	Pass	PK	4.82092G	47.35	74.00	-26.65	3	Horizontal	60	2.10
2437MHz	Pass	AV	2.3506G	47.81	54.00	-6.19	3	Vertical	168	1.88
2437MHz	Pass	AV	2.4326G	93.31	Inf	-Inf	3	Vertical	168	1.88
2437MHz	Pass	AV	2.4835G	49.23	54.00	-4.77	3	Vertical	168	1.88
2437MHz	Pass	PK	2.3718G	58.67	74.00	-15.33	3	Vertical	168	1.88

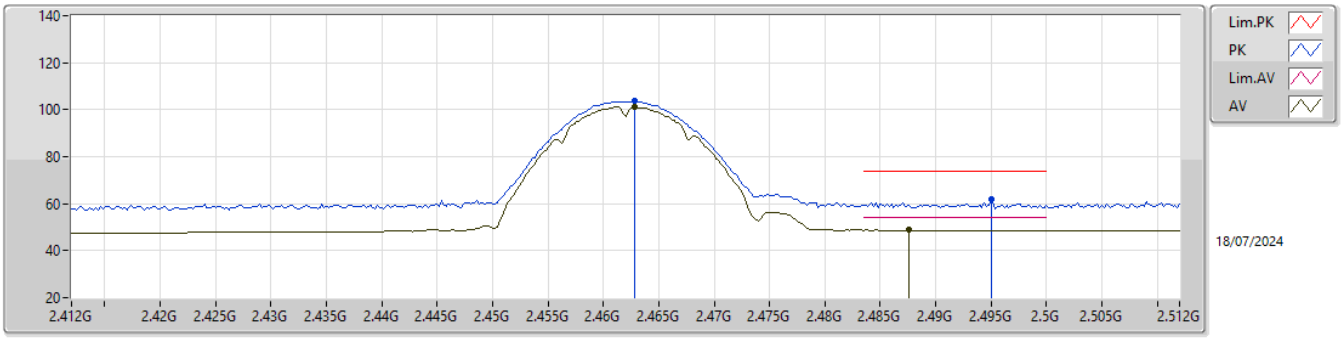
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.4334G	101.65	Inf	-Inf	3	Vertical	168	1.88
2437MHz	Pass	PK	2.4894G	59.81	74.00	-14.19	3	Vertical	168	1.88
2437MHz	Pass	AV	2.3886G	48.27	54.00	-5.73	3	Horizontal	325	1.32
2437MHz	Pass	AV	2.4334G	101.44	Inf	-Inf	3	Horizontal	325	1.32
2437MHz	Pass	AV	2.4858G	49.25	54.00	-4.75	3	Horizontal	325	1.32
2437MHz	Pass	PK	2.3886G	59.44	74.00	-14.56	3	Horizontal	325	1.32
2437MHz	Pass	PK	2.4334G	110.06	Inf	-Inf	3	Horizontal	325	1.32
2437MHz	Pass	PK	2.4882G	59.52	74.00	-14.48	3	Horizontal	325	1.32
2437MHz	Pass	AV	4.87708G	30.49	54.00	-23.51	3	Vertical	72	1.00
2437MHz	Pass	AV	7.30722G	34.27	54.00	-19.73	3	Vertical	16	2.87
2437MHz	Pass	PK	4.87532G	42.68	74.00	-31.32	3	Vertical	72	1.00
2437MHz	Pass	PK	7.31098G	46.14	74.00	-27.86	3	Vertical	16	2.87
2437MHz	Pass	AV	4.87412G	34.32	54.00	-19.68	3	Horizontal	286	2.06
2437MHz	Pass	AV	7.3062G	34.43	54.00	-19.57	3	Horizontal	107	1.68
2437MHz	Pass	PK	4.86932G	47.66	74.00	-26.34	3	Horizontal	286	2.06
2437MHz	Pass	PK	7.3122G	45.72	74.00	-28.28	3	Horizontal	107	1.68
2457MHz	Pass	AV	2.4608G	92.76	Inf	-Inf	3	Vertical	172	2.57
2457MHz	Pass	AV	2.4868G	49.26	54.00	-4.74	3	Vertical	172	2.57
2457MHz	Pass	PK	2.4612G	101.67	Inf	-Inf	3	Vertical	172	2.57
2457MHz	Pass	PK	2.488G	60.72	74.00	-13.28	3	Vertical	172	2.57
2457MHz	Pass	AV	2.4594G	101.78	Inf	-Inf	3	Horizontal	321	1.90
2457MHz	Pass	AV	2.4846G	50.95	54.00	-3.05	3	Horizontal	321	1.90
2457MHz	Pass	PK	2.4568G	110.00	Inf	-Inf	3	Horizontal	321	1.90
2457MHz	Pass	PK	2.4835G	61.80	74.00	-12.20	3	Horizontal	321	1.90
2462MHz	Pass	AV	2.4632G	95.54	Inf	-Inf	3	Vertical	330	2.62
2462MHz	Pass	AV	2.4835G	51.31	54.00	-2.69	3	Vertical	330	2.62
2462MHz	Pass	PK	2.4654G	104.33	Inf	-Inf	3	Vertical	330	2.62
2462MHz	Pass	PK	2.4835G	61.96	74.00	-12.04	3	Vertical	330	2.62
2462MHz	Pass	AV	2.4606G	100.56	Inf	-Inf	3	Horizontal	324	1.90
2462MHz	Pass	AV	2.4835G	52.83	54.00	-1.17	3	Horizontal	324	1.90
2462MHz	Pass	PK	2.4612G	109.50	Inf	-Inf	3	Horizontal	324	1.90
2462MHz	Pass	PK	2.4838G	64.44	74.00	-9.56	3	Horizontal	324	1.90
2462MHz	Pass	AV	4.92764G	29.74	54.00	-24.26	3	Vertical	240	1.69
2462MHz	Pass	AV	7.38284G	34.02	54.00	-19.98	3	Vertical	98	2.76
2462MHz	Pass	PK	4.9289G	41.67	74.00	-32.33	3	Vertical	240	1.69
2462MHz	Pass	PK	7.39092G	45.31	74.00	-28.69	3	Vertical	98	2.76
2462MHz	Pass	AV	4.92394G	31.77	54.00	-22.23	3	Horizontal	290	1.50
2462MHz	Pass	AV	7.38178G	34.02	54.00	-19.98	3	Horizontal	177	2.01
2462MHz	Pass	PK	4.92554G	44.46	74.00	-29.54	3	Horizontal	290	1.50
2462MHz	Pass	PK	7.38538G	45.76	74.00	-28.24	3	Horizontal	177	2.01
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	49.36	54.00	-4.64	3	Vertical	172	1.87
2422MHz	Pass	AV	2.4296G	89.43	Inf	-Inf	3	Vertical	172	1.87
2422MHz	Pass	AV	2.492G	49.74	54.00	-4.26	3	Vertical	172	1.87
2422MHz	Pass	PK	2.3896G	59.20	74.00	-14.80	3	Vertical	172	1.87
2422MHz	Pass	PK	2.4252G	97.15	Inf	-Inf	3	Vertical	172	1.87
2422MHz	Pass	PK	2.4852G	59.78	74.00	-14.22	3	Vertical	172	1.87
2422MHz	Pass	AV	2.39G	53.72	54.00	-0.28	3	Horizontal	324	1.08
2422MHz	Pass	AV	2.428G	97.84	Inf	-Inf	3	Horizontal	324	1.08
2422MHz	Pass	AV	2.4848G	50.14	54.00	-3.86	3	Horizontal	324	1.08
2422MHz	Pass	PK	2.3888G	63.76	74.00	-10.24	3	Horizontal	324	1.08
2422MHz	Pass	PK	2.4272G	105.61	Inf	-Inf	3	Horizontal	324	1.08
2422MHz	Pass	PK	2.4896G	60.16	74.00	-13.84	3	Horizontal	324	1.08
2422MHz	Pass	AV	4.83964G	29.94	54.00	-24.06	3	Vertical	178	1.50
2422MHz	Pass	AV	7.2706G	34.48	54.00	-19.52	3	Vertical	255	2.26
2422MHz	Pass	PK	4.8486G	40.49	74.00	-33.51	3	Vertical	178	1.50
2422MHz	Pass	PK	7.26892G	45.05	74.00	-28.95	3	Vertical	255	2.26
2422MHz	Pass	AV	4.84388G	32.50	54.00	-21.50	3	Horizontal	64	2.01
2422MHz	Pass	AV	7.26578G	34.43	54.00	-19.57	3	Horizontal	230	1.40
2422MHz	Pass	PK	4.84356G	42.72	74.00	-31.28	3	Horizontal	64	2.01
2422MHz	Pass	PK	7.26118G	46.19	74.00	-27.81	3	Horizontal	230	1.40
2427MHz	Pass	AV	2.3882G	48.71	54.00	-5.29	3	Vertical	328	2.38

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2427MHz	Pass	AV	2.4322G	91.79	Inf	-Inf	3	Vertical	328	2.38
2427MHz	Pass	AV	2.4914G	49.74	54.00	-4.26	3	Vertical	328	2.38
2427MHz	Pass	PK	2.335G	59.42	74.00	-14.58	3	Vertical	328	2.38
2427MHz	Pass	PK	2.4354G	99.92	Inf	-Inf	3	Vertical	328	2.38
2427MHz	Pass	PK	2.4846G	60.45	74.00	-13.55	3	Vertical	328	2.38
2427MHz	Pass	AV	2.3898G	53.21	54.00	-0.79	3	Horizontal	315	2.21
2427MHz	Pass	AV	2.4306G	99.40	Inf	-Inf	3	Horizontal	315	2.21
2427MHz	Pass	AV	2.4858G	50.76	54.00	-3.24	3	Horizontal	315	2.21
2427MHz	Pass	PK	2.387G	67.12	74.00	-6.88	3	Horizontal	315	2.21
2427MHz	Pass	PK	2.4318G	107.73	Inf	-Inf	3	Horizontal	315	2.21
2427MHz	Pass	PK	2.4862G	62.86	74.00	-11.14	3	Horizontal	315	2.21
2437MHz	Pass	AV	2.3898G	48.73	54.00	-5.27	3	Vertical	173	2.62
2437MHz	Pass	AV	2.4314G	91.17	Inf	-Inf	3	Vertical	173	2.62
2437MHz	Pass	AV	2.4835G	50.12	54.00	-3.88	3	Vertical	173	2.62
2437MHz	Pass	PK	2.341G	59.14	74.00	-14.86	3	Vertical	173	2.62
2437MHz	Pass	PK	2.4298G	99.85	Inf	-Inf	3	Vertical	173	2.62
2437MHz	Pass	PK	2.489G	59.95	74.00	-14.05	3	Vertical	173	2.62
2437MHz	Pass	AV	2.3898G	51.96	54.00	-2.04	3	Horizontal	330	1.30
2437MHz	Pass	AV	2.4302G	98.64	Inf	-Inf	3	Horizontal	330	1.30
2437MHz	Pass	AV	2.4835G	52.83	54.00	-1.17	3	Horizontal	330	1.30
2437MHz	Pass	PK	2.3886G	62.17	74.00	-11.83	3	Horizontal	330	1.30
2437MHz	Pass	PK	2.4326G	106.92	Inf	-Inf	3	Horizontal	330	1.30
2437MHz	Pass	PK	2.4842G	62.69	74.00	-11.31	3	Horizontal	330	1.30
2437MHz	Pass	AV	4.87526G	31.18	54.00	-22.82	3	Vertical	176	2.91
2437MHz	Pass	AV	7.31522G	35.45	54.00	-18.55	3	Vertical	346	1.17
2437MHz	Pass	PK	4.8765G	41.77	74.00	-32.23	3	Vertical	176	2.91
2437MHz	Pass	PK	7.3086G	46.01	74.00	-27.99	3	Vertical	346	1.17
2437MHz	Pass	AV	4.874G	33.54	54.00	-20.46	3	Horizontal	286	1.00
2437MHz	Pass	AV	7.31282G	35.09	54.00	-18.91	3	Horizontal	266	2.44
2437MHz	Pass	PK	4.87424G	44.55	74.00	-29.45	3	Horizontal	286	1.00
2437MHz	Pass	PK	7.3145G	45.59	74.00	-28.41	3	Horizontal	266	2.44
2447MHz	Pass	AV	2.3766G	48.85	54.00	-5.15	3	Vertical	172	2.16
2447MHz	Pass	AV	2.4382G	87.39	Inf	-Inf	3	Vertical	172	2.16
2447MHz	Pass	AV	2.487G	50.15	54.00	-3.85	3	Vertical	172	2.16
2447MHz	Pass	PK	2.3786G	59.42	74.00	-14.58	3	Vertical	172	2.16
2447MHz	Pass	PK	2.4406G	95.29	Inf	-Inf	3	Vertical	172	2.16
2447MHz	Pass	PK	2.4934G	59.81	74.00	-14.19	3	Vertical	172	2.16
2447MHz	Pass	AV	2.3898G	48.73	54.00	-5.27	3	Horizontal	328	1.88
2447MHz	Pass	AV	2.457G	96.22	Inf	-Inf	3	Horizontal	328	1.88
2447MHz	Pass	AV	2.4866G	53.74	54.00	-0.26	3	Horizontal	328	1.88
2447MHz	Pass	PK	2.387G	59.72	74.00	-14.28	3	Horizontal	328	1.88
2447MHz	Pass	PK	2.459G	104.84	Inf	-Inf	3	Horizontal	328	1.88
2447MHz	Pass	PK	2.4874G	64.74	74.00	-9.26	3	Horizontal	328	1.88
2452MHz	Pass	AV	2.3568G	48.52	54.00	-5.48	3	Vertical	331	2.62
2452MHz	Pass	AV	2.4592G	91.32	Inf	-Inf	3	Vertical	331	2.62
2452MHz	Pass	AV	2.4835G	51.31	54.00	-2.69	3	Vertical	331	2.62
2452MHz	Pass	PK	2.3752G	58.88	74.00	-15.12	3	Vertical	331	2.62
2452MHz	Pass	PK	2.4608G	99.38	Inf	-Inf	3	Vertical	331	2.62
2452MHz	Pass	PK	2.4844G	60.69	74.00	-13.31	3	Vertical	331	2.62
2452MHz	Pass	AV	2.3596G	48.97	54.00	-5.03	3	Horizontal	326	1.90
2452MHz	Pass	AV	2.4588G	95.25	Inf	-Inf	3	Horizontal	326	1.90
2452MHz	Pass	AV	2.486G	52.85	54.00	-1.15	3	Horizontal	326	1.90
2452MHz	Pass	PK	2.3896G	59.26	74.00	-14.74	3	Horizontal	326	1.90
2452MHz	Pass	PK	2.4572G	103.22	Inf	-Inf	3	Horizontal	326	1.90
2452MHz	Pass	PK	2.4844G	62.84	74.00	-11.16	3	Horizontal	326	1.90
2452MHz	Pass	AV	4.89956G	30.46	54.00	-23.54	3	Vertical	171	1.81
2452MHz	Pass	AV	7.35998G	34.48	54.00	-19.52	3	Vertical	316	1.50
2452MHz	Pass	PK	4.90308G	41.34	74.00	-32.66	3	Vertical	171	1.81
2452MHz	Pass	PK	7.35394G	45.48	74.00	-28.52	3	Vertical	316	1.50
2452MHz	Pass	AV	4.90406G	32.44	54.00	-21.56	3	Horizontal	61	1.94
2452MHz	Pass	AV	7.35112G	34.50	54.00	-19.50	3	Horizontal	215	1.15
2452MHz	Pass	PK	4.90868G	42.17	74.00	-31.83	3	Horizontal	61	1.94

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2452MHz	Pass	PK	7.35364G	45.04	74.00	-28.96	3	Horizontal	215	1.15

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

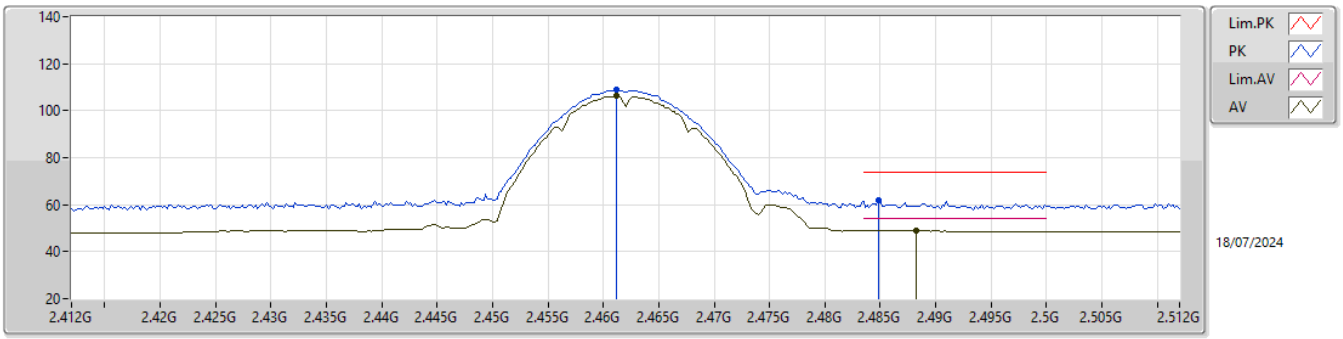
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	2.4628G	101.24	Inf	-Inf	32.01	69.23	3	Vertical	333	2.62	27.40	4.61	-
AV	2.4876G	48.78	54.00	-5.22	32.22	16.56	3	Vertical	333	2.62	27.58	4.64	-
PK	2.4628G	103.66	Inf	-Inf	32.01	71.65	3	Vertical	333	2.62	27.40	4.61	-
PK	2.495G	61.67	74.00	-12.33	32.25	29.42	3	Vertical	333	2.62	27.60	4.65	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

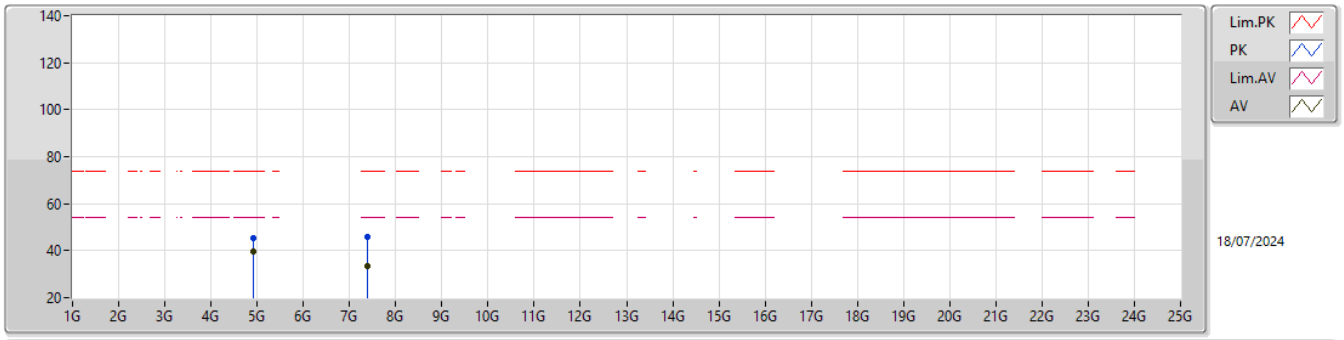
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	2.4612G	106.30	Inf	-Inf	32.01	74.29	3	Horizonta	323	1.90	27.40	4.61	-
AV	2.4882G	49.03	54.00	-4.97	32.22	16.81	3	Horizonta	323	1.90	27.58	4.64	-
PK	2.4612G	108.73	Inf	-Inf	32.01	76.72	3	Horizonta	323	1.90	27.40	4.61	-
PK	2.4848G	61.87	74.00	-12.13	32.19	29.68	3	Horizonta	323	1.90	27.55	4.64	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

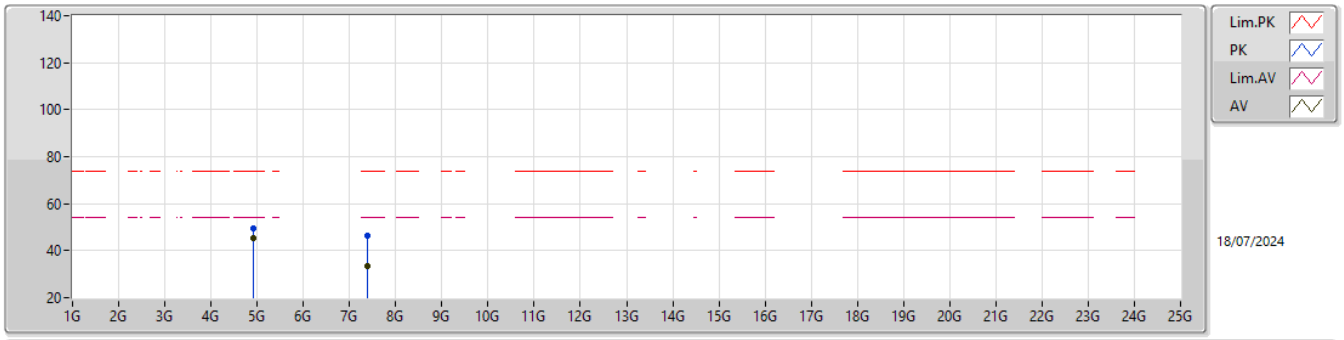
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	4.92396G	39.50	54.00	-14.50	4.59	34.91	3	Vertical	179	3.00	32.74	6.64	34.79
AV	7.38236G	33.28	54.00	-20.72	9.70	23.58	3	Vertical	174	1.90	36.31	8.36	34.97
PK	4.92378G	45.42	74.00	-28.58	4.59	40.83	3	Vertical	179	3.00	32.74	6.64	34.79
PK	7.38516G	46.09	74.00	-27.91	9.68	36.41	3	Vertical	174	1.90	36.29	8.36	34.97

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

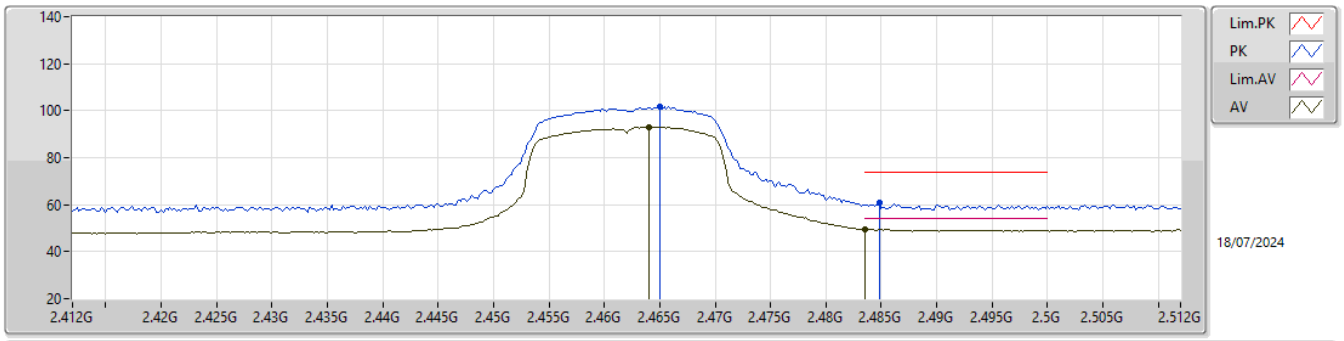
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	4.92396G	45.32	54.00	-8.68	4.59	40.73	3	Horizonta	61	2.04	32.74	6.64	34.79
AV	7.38236G	33.28	54.00	-20.72	9.70	23.58	3	Horizonta	94	2.18	36.31	8.36	34.97
PK	4.92398G	49.52	74.00	-24.48	4.59	44.93	3	Horizonta	61	2.04	32.74	6.64	34.79
PK	7.38162G	46.45	74.00	-27.55	9.69	36.76	3	Horizonta	94	2.18	36.31	8.35	34.97

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

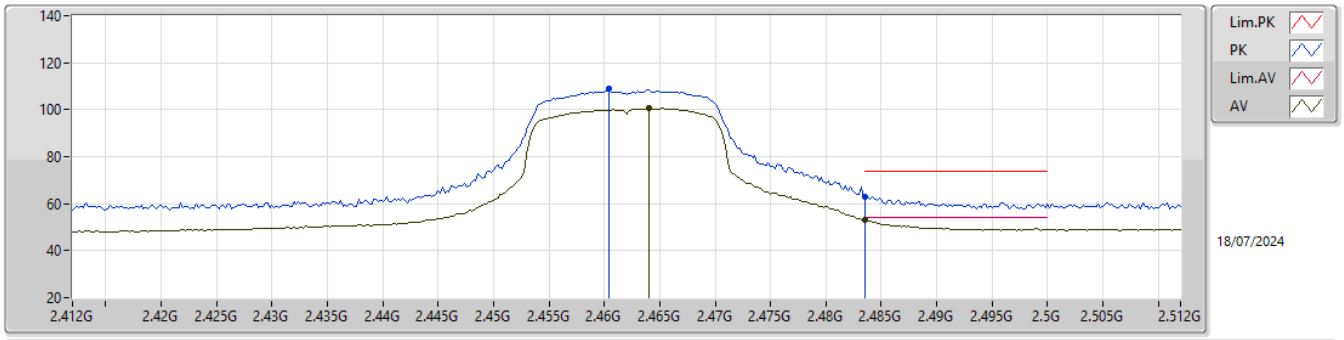
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	2.464G	93.04	Inf	-Inf	32.01	61.03	3	Vertical	122	2.62	27.40	4.61	-
AV	2.4835G	49.46	54.00	-4.54	32.18	17.28	3	Vertical	122	2.62	27.54	4.64	-
PK	2.465G	101.63	Inf	-Inf	32.01	69.62	3	Vertical	122	2.62	27.40	4.61	-
PK	2.4848G	60.71	74.00	-13.29	32.19	28.52	3	Vertical	122	2.62	27.55	4.64	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

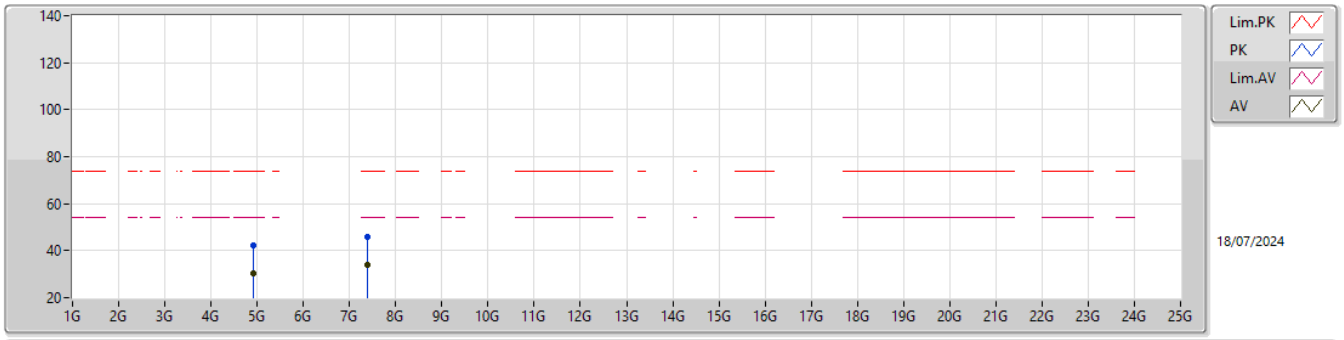
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	2.464G	100.45	Inf	-Inf	32.01	68.44	3	Horizonta	324	2.64	27.40	4.61	-
AV	2.4835G	53.13	54.00	-0.87	32.18	20.95	3	Horizonta	324	2.64	27.54	4.64	-
PK	2.4604G	108.95	Inf	-Inf	32.01	76.94	3	Horizonta	324	2.64	27.40	4.61	-
PK	2.4835G	63.08	74.00	-10.92	32.18	30.90	3	Horizonta	324	2.64	27.54	4.64	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

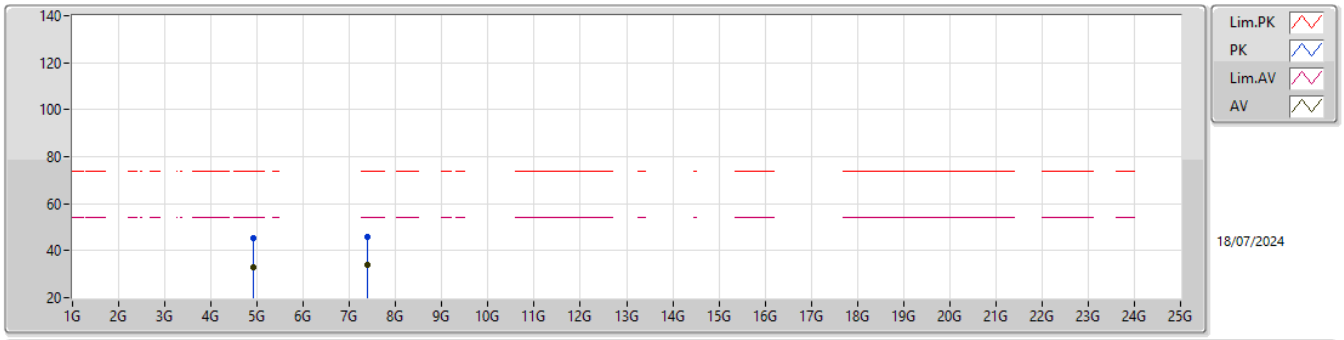
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	4.92424G	30.43	54.00	-23.57	4.60	25.83	3	Vertical	175	3.00	32.75	6.64	34.79
AV	7.3838G	34.02	54.00	-19.98	9.69	24.33	3	Vertical	49	1.16	36.30	8.36	34.97
PK	4.92944G	42.10	74.00	-31.90	4.64	37.46	3	Vertical	175	3.00	32.78	6.65	34.79
PK	7.3856G	45.65	74.00	-28.35	9.68	35.97	3	Vertical	49	1.16	36.29	8.36	34.97

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

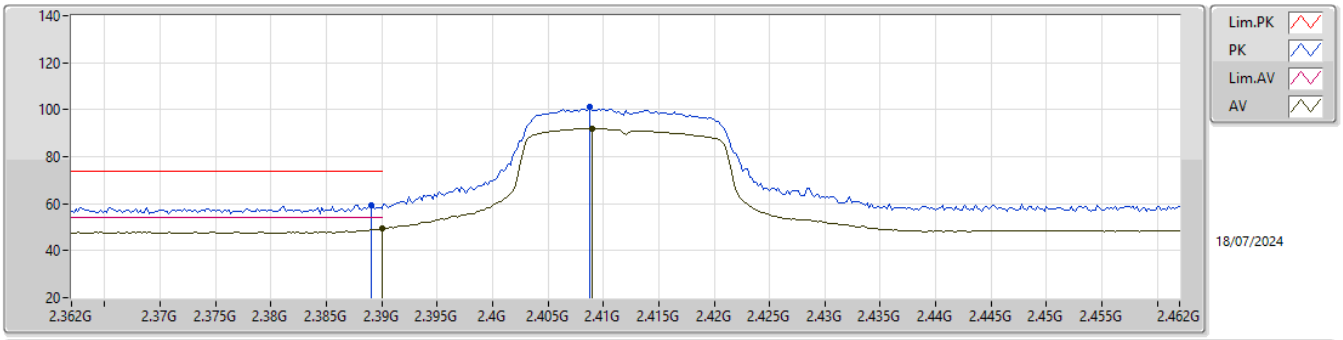
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	4.92392G	32.77	54.00	-21.23	4.59	28.18	3	Horizonta	62	1.95	32.74	6.64	34.79
AV	7.38394G	34.02	54.00	-19.98	9.69	24.33	3	Horizonta	257	1.28	36.30	8.36	34.97
PK	4.92528G	45.09	74.00	-28.91	4.60	40.49	3	Horizonta	62	1.95	32.75	6.64	34.79
PK	7.38674G	45.94	74.00	-28.06	9.67	36.27	3	Horizonta	257	1.28	36.28	8.36	34.97

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

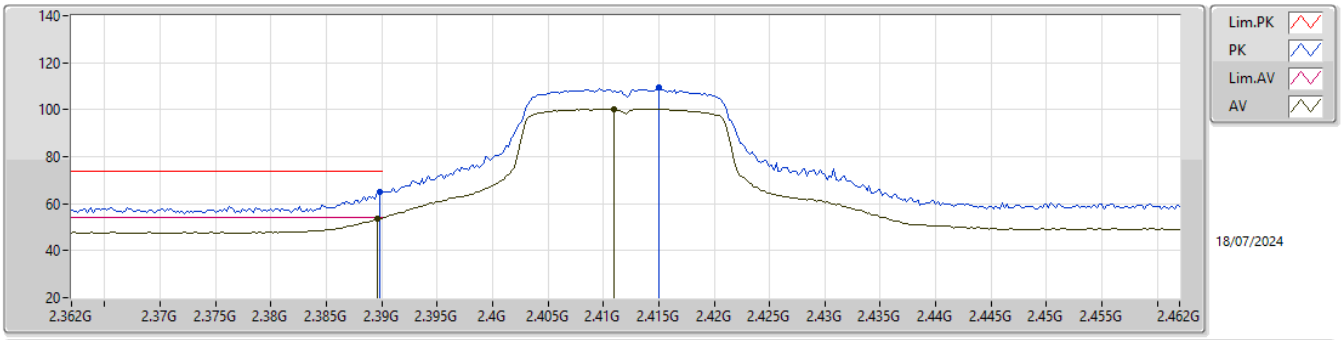
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	2.39G	49.36	54.00	-4.64	31.83	17.53	3	Vertical	169	1.93	27.30	4.53	-
AV	2.409G	91.88	Inf	-Inf	31.95	59.93	3	Vertical	169	1.93	27.40	4.55	-
PK	2.389G	59.25	74.00	-14.75	31.82	27.43	3	Vertical	169	1.93	27.29	4.53	-
PK	2.4088G	101.16	Inf	-Inf	31.95	69.21	3	Vertical	169	1.93	27.40	4.55	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

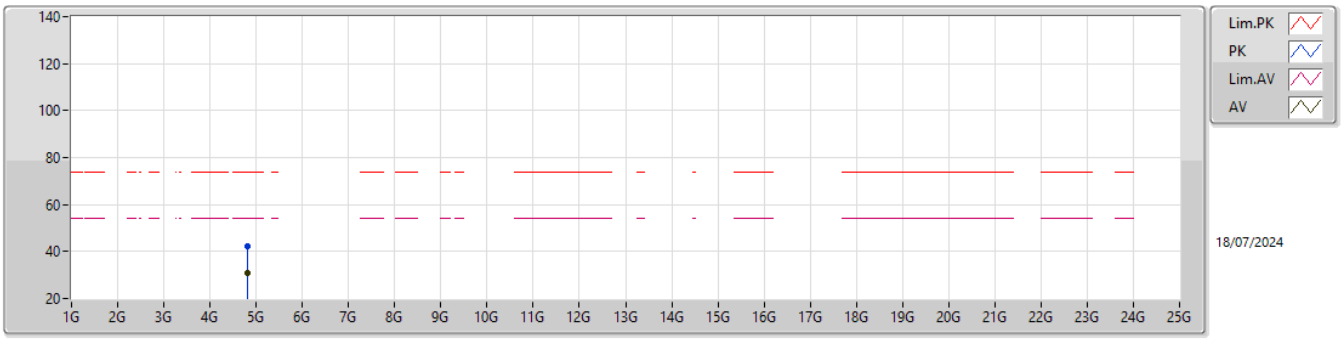
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	2.3896G	53.84	54.00	-0.16	31.83	22.01	3	Horizonta	323	1.10	27.30	4.53	-
AV	2.411G	100.09	Inf	-Inf	31.95	68.14	3	Horizonta	323	1.10	27.40	4.55	-
PK	2.3898G	65.22	74.00	-8.78	31.83	33.39	3	Horizonta	323	1.10	27.30	4.53	-
PK	2.415G	109.31	Inf	-Inf	31.96	77.35	3	Horizonta	323	1.10	27.40	4.56	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

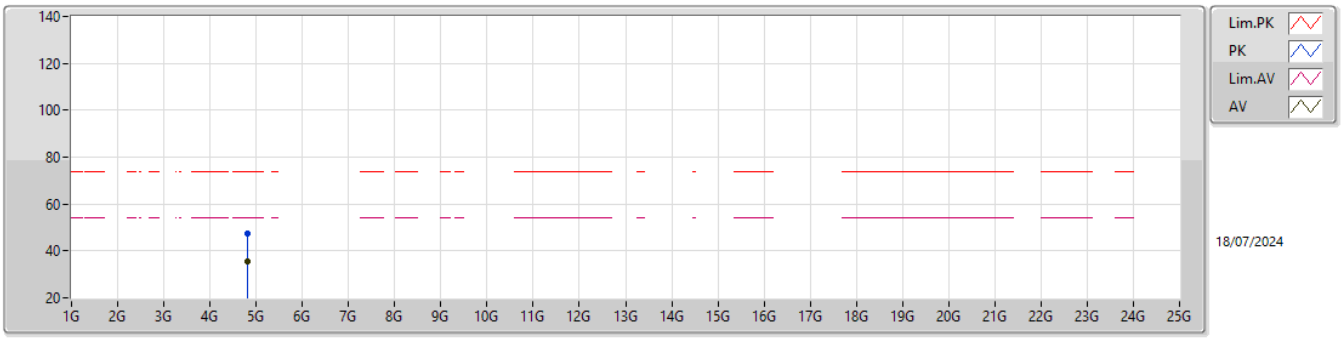
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	4.82438G	30.61	54.00	-23.39	4.02	26.59	3	Vertical	182	2.94	32.30	6.54	34.82
PK	4.82394G	42.15	74.00	-31.85	4.02	38.13	3	Vertical	182	2.94	32.30	6.54	34.82

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

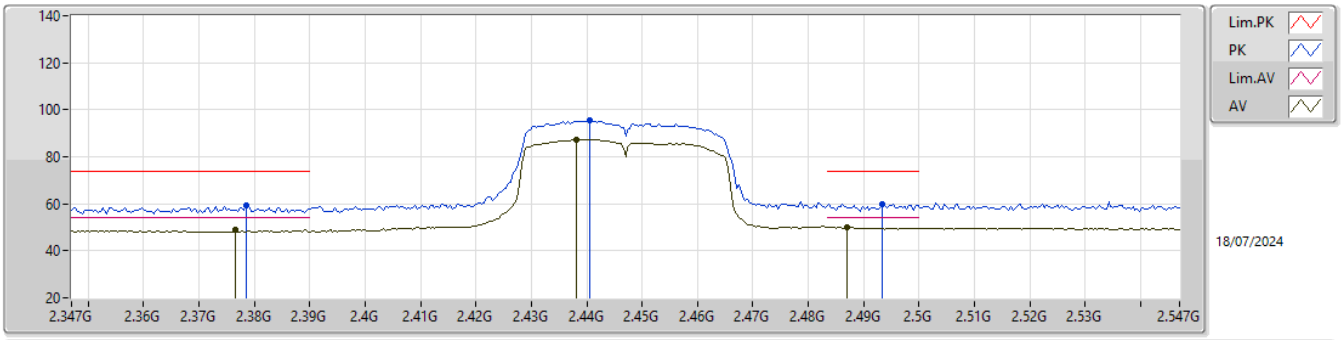
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	4.82436G	35.55	54.00	-18.45	4.02	31.53	3	Horizonta	60	2.10	32.30	6.54	34.82
PK	4.82092G	47.35	74.00	-26.65	3.99	43.36	3	Horizonta	60	2.10	32.28	6.53	34.82

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

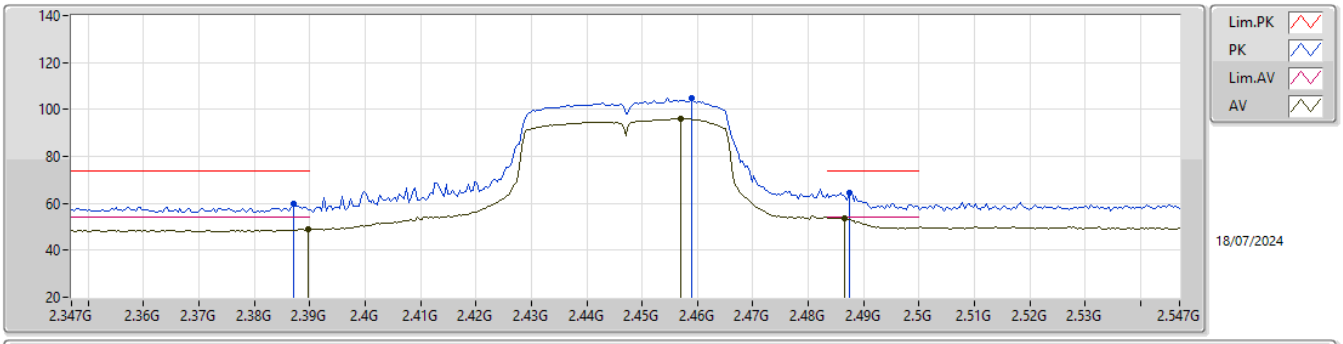
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	2.3766G	48.85	54.00	-5.15	31.69	17.16	3	Vertical	172	2.16	27.17	4.52	-
AV	2.4382G	87.39	Inf	-Inf	32.00	55.39	3	Vertical	172	2.16	27.42	4.58	-
AV	2.487G	50.15	54.00	-3.85	32.21	17.94	3	Vertical	172	2.16	27.57	4.64	-
PK	2.3786G	59.42	74.00	-14.58	31.71	27.71	3	Vertical	172	2.16	27.19	4.52	-
PK	2.4406G	95.29	Inf	-Inf	31.99	63.30	3	Vertical	172	2.16	27.40	4.59	-
PK	2.4934G	59.81	74.00	-14.19	32.25	27.56	3	Vertical	172	2.16	27.60	4.65	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Raw	Dist	Condition	Azimuth	Height	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dBuV)	(m)		(°)	(m)	(dB)	(dB)	(dB)
AV	2.3898G	48.73	54.00	-5.27	31.83	16.90	3	Horizonta	328	1.88	27.30	4.53	-
AV	2.457G	96.22	Inf	-Inf	32.01	64.21	3	Horizonta	328	1.88	27.40	4.61	-
AV	2.4866G	53.74	54.00	-0.26	32.21	21.53	3	Horizonta	328	1.88	27.57	4.64	-
PK	2.387G	59.72	74.00	-14.28	31.80	27.92	3	Horizonta	328	1.88	27.27	4.53	-
PK	2.459G	104.84	Inf	-Inf	32.01	72.83	3	Horizonta	328	1.88	27.40	4.61	-
PK	2.4874G	64.74	74.00	-9.26	32.21	32.53	3	Horizonta	328	1.88	27.57	4.64	-

Summary

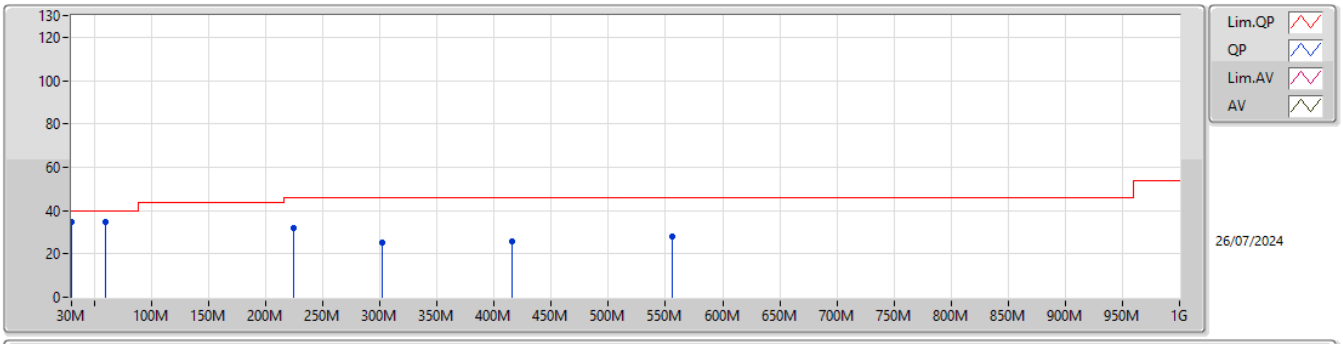
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	QP	60.23M	34.82	40.00	-5.18	3	Vertical	353	1.13

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	30M	34.50	40.00	-5.50	3	Vertical	360	3.00
2437MHz_Adapter	Pass	PK	224M	32.08	46.00	-13.92	3	Vertical	360	3.00
2437MHz_Adapter	Pass	PK	301.6M	25.06	46.00	-20.94	3	Vertical	360	3.00
2437MHz_Adapter	Pass	PK	416.06M	25.72	46.00	-20.28	3	Vertical	360	3.00
2437MHz_Adapter	Pass	PK	555.74M	28.14	46.00	-17.86	3	Vertical	360	3.00
2437MHz_Adapter	Pass	QP	60.23M	34.82	40.00	-5.18	3	Vertical	353	1.13
2437MHz_Adapter	Pass	PK	30M	27.04	40.00	-12.96	3	Horizontal	0	3.00
2437MHz_Adapter	Pass	PK	51.34M	28.54	40.00	-11.46	3	Horizontal	0	3.00
2437MHz_Adapter	Pass	PK	224M	34.45	46.00	-11.55	3	Horizontal	0	3.00
2437MHz_Adapter	Pass	PK	303.54M	29.33	46.00	-16.67	3	Horizontal	0	3.00
2437MHz_Adapter	Pass	PK	394.72M	25.50	46.00	-20.50	3	Horizontal	0	3.00
2437MHz_Adapter	Pass	PK	526.64M	27.11	46.00	-18.89	3	Horizontal	0	3.00

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

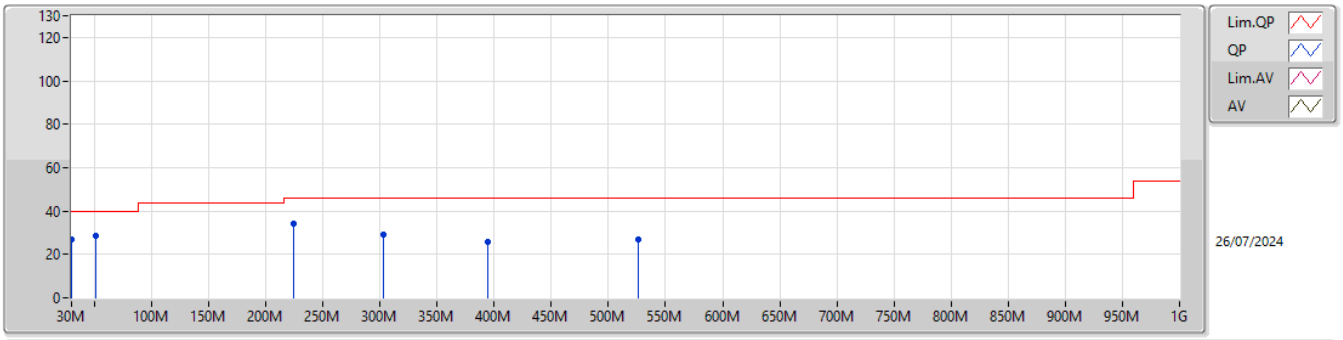
2437MHz_Adapter



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	34.50	40.00	-5.50	-3.18	3	Vertical	360	3.00	37.68	22.98	1.23	27.39
PK	224M	32.08	46.00	-13.92	-9.44	3	Vertical	360	3.00	41.52	14.66	3.08	27.18
PK	301.6M	25.06	46.00	-20.94	-5.06	3	Vertical	360	3.00	30.12	18.30	3.67	27.03
PK	416.06M	25.72	46.00	-20.28	-1.69	3	Vertical	360	3.00	27.41	21.82	4.35	27.86
PK	555.74M	28.14	46.00	-17.86	0.89	3	Vertical	360	3.00	27.25	24.00	5.21	28.32
QP	60.23M	34.82	40.00	-5.18	-13.55	3	Vertical	353	1.13	48.37	11.49	1.71	26.75

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_Adapter



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	27.04	40.00	-12.96	-3.18	3	Horizontal	0	3.00	30.22	22.98	1.23	27.39
PK	51.34M	28.54	40.00	-11.46	-11.33	3	Horizontal	0	3.00	39.87	13.15	1.55	26.03
PK	224M	34.45	46.00	-11.55	-9.44	3	Horizontal	0	3.00	43.89	14.66	3.08	27.18
PK	303.54M	29.33	46.00	-16.67	-4.97	3	Horizontal	0	3.00	34.30	18.40	3.67	27.04
PK	394.72M	25.50	46.00	-20.50	-2.89	3	Horizontal	0	3.00	28.39	20.65	4.19	27.73
PK	526.64M	27.11	46.00	-18.89	-0.55	3	Horizontal	0	3.00	27.66	22.75	5.01	28.31

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.4868G	50.74	54.00	-3.26	3	Horizontal	300	2.12
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.39G	53.72	54.00	-0.28	3	Horizontal	301	2.12
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	53.66	54.00	-0.34	3	Horizontal	303	2.12
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.3898G	53.85	54.00	-0.15	3	Horizontal	300	1.93

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	47.70	54.00	-6.30	3	Vertical	197	1.14
2412MHz	Pass	AV	2.4112G	98.77	Inf	-Inf	3	Vertical	197	1.14
2412MHz	Pass	PK	2.3652G	60.73	74.00	-13.27	3	Vertical	197	1.14
2412MHz	Pass	PK	2.4112G	101.23	Inf	-Inf	3	Vertical	197	1.14
2412MHz	Pass	AV	2.387G	50.29	54.00	-3.71	3	Horizontal	305	2.12
2412MHz	Pass	AV	2.4128G	110.58	Inf	-Inf	3	Horizontal	305	2.12
2412MHz	Pass	PK	2.3872G	62.20	74.00	-11.80	3	Horizontal	305	2.12
2412MHz	Pass	PK	2.4128G	113.02	Inf	-Inf	3	Horizontal	305	2.12
2412MHz	Pass	AV	4.82392G	40.57	54.00	-13.43	3	Vertical	115	1.13
2412MHz	Pass	PK	4.82396G	46.16	74.00	-27.84	3	Vertical	115	1.13
2412MHz	Pass	AV	4.82396G	46.02	54.00	-7.98	3	Horizontal	72	2.44
2412MHz	Pass	PK	4.82396G	49.79	74.00	-24.21	3	Horizontal	72	2.44
2437MHz	Pass	AV	2.3598G	47.73	54.00	-6.27	3	Vertical	195	1.04
2437MHz	Pass	AV	2.4362G	101.34	Inf	-Inf	3	Vertical	195	1.04
2437MHz	Pass	AV	2.4886G	48.92	54.00	-5.08	3	Vertical	195	1.04
2437MHz	Pass	PK	2.353G	59.89	74.00	-14.11	3	Vertical	195	1.04
2437MHz	Pass	PK	2.4362G	103.76	Inf	-Inf	3	Vertical	195	1.04
2437MHz	Pass	PK	2.4974G	61.04	74.00	-12.96	3	Vertical	195	1.04
2437MHz	Pass	AV	2.3886G	49.10	54.00	-4.90	3	Horizontal	302	1.91
2437MHz	Pass	AV	2.4378G	111.32	Inf	-Inf	3	Horizontal	302	1.91
2437MHz	Pass	AV	2.485G	50.31	54.00	-3.69	3	Horizontal	302	1.91
2437MHz	Pass	PK	2.3862G	60.63	74.00	-13.37	3	Horizontal	302	1.91
2437MHz	Pass	PK	2.4362G	113.72	Inf	-Inf	3	Horizontal	302	1.91
2437MHz	Pass	PK	2.487G	61.70	74.00	-12.30	3	Horizontal	302	1.91
2437MHz	Pass	AV	4.87392G	38.18	54.00	-15.82	3	Vertical	66	1.50
2437MHz	Pass	AV	7.30884G	33.87	54.00	-20.13	3	Vertical	332	1.40
2437MHz	Pass	PK	4.87408G	44.76	74.00	-29.24	3	Vertical	66	1.50
2437MHz	Pass	PK	7.318G	46.48	74.00	-27.52	3	Vertical	332	1.40
2437MHz	Pass	AV	4.87396G	44.38	54.00	-9.62	3	Horizontal	66	1.50
2437MHz	Pass	AV	7.31188G	33.86	54.00	-20.14	3	Horizontal	226	1.95
2437MHz	Pass	PK	4.87396G	48.69	74.00	-25.31	3	Horizontal	66	1.50
2437MHz	Pass	PK	7.30868G	46.58	74.00	-27.42	3	Horizontal	226	1.95
2462MHz	Pass	AV	2.4612G	101.87	Inf	-Inf	3	Vertical	355	2.24
2462MHz	Pass	AV	2.4886G	48.92	54.00	-5.08	3	Vertical	355	2.24
2462MHz	Pass	PK	2.461G	104.43	Inf	-Inf	3	Vertical	355	2.24
2462MHz	Pass	PK	2.485G	61.27	74.00	-12.73	3	Vertical	355	2.24
2462MHz	Pass	AV	2.4612G	110.66	Inf	-Inf	3	Horizontal	300	2.12
2462MHz	Pass	AV	2.4868G	50.74	54.00	-3.26	3	Horizontal	300	2.12
2462MHz	Pass	PK	2.461G	113.16	Inf	-Inf	3	Horizontal	300	2.12
2462MHz	Pass	PK	2.487G	62.64	74.00	-11.36	3	Horizontal	300	2.12
2462MHz	Pass	AV	4.92394G	40.92	54.00	-13.08	3	Vertical	117	1.00
2462MHz	Pass	AV	7.38142G	33.49	54.00	-20.51	3	Vertical	47	1.23
2462MHz	Pass	PK	4.9239G	46.60	74.00	-27.40	3	Vertical	117	1.00
2462MHz	Pass	PK	7.3876G	46.53	74.00	-27.47	3	Vertical	47	1.23
2462MHz	Pass	AV	4.92396G	44.10	54.00	-9.90	3	Horizontal	64	1.81
2462MHz	Pass	AV	7.38162G	33.49	54.00	-20.51	3	Horizontal	40	2.26
2462MHz	Pass	PK	4.92384G	48.47	74.00	-25.53	3	Horizontal	64	1.81
2462MHz	Pass	PK	7.38836G	45.83	74.00	-28.17	3	Horizontal	40	2.26
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.90	54.00	-5.10	3	Vertical	326	2.85
2412MHz	Pass	AV	2.4078G	93.34	Inf	-Inf	3	Vertical	326	2.85
2412MHz	Pass	PK	2.3694G	60.44	74.00	-13.56	3	Vertical	326	2.85
2412MHz	Pass	PK	2.4088G	102.60	Inf	-Inf	3	Vertical	326	2.85
2412MHz	Pass	AV	2.39G	53.72	54.00	-0.28	3	Horizontal	301	2.12
2412MHz	Pass	AV	2.4096G	104.96	Inf	-Inf	3	Horizontal	301	2.12
2412MHz	Pass	PK	2.3898G	65.47	74.00	-8.53	3	Horizontal	301	2.12
2412MHz	Pass	PK	2.411G	114.54	Inf	-Inf	3	Horizontal	301	2.12
2412MHz	Pass	AV	4.82538G	30.88	54.00	-23.12	3	Vertical	115	1.03
2412MHz	Pass	PK	4.8237G	42.73	74.00	-31.27	3	Vertical	115	1.03
2412MHz	Pass	AV	4.82376G	33.59	54.00	-20.41	3	Horizontal	62	1.79

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	4.82448G	46.94	74.00	-27.06	3	Horizontal	62	1.79
2417MHz	Pass	AV	2.3896G	48.67	54.00	-5.33	3	Vertical	356	2.49
2417MHz	Pass	AV	2.4144G	97.97	Inf	-Inf	3	Vertical	356	2.49
2417MHz	Pass	PK	2.3882G	61.10	74.00	-12.90	3	Vertical	356	2.49
2417MHz	Pass	PK	2.416G	107.62	Inf	-Inf	3	Vertical	356	2.49
2417MHz	Pass	AV	2.3898G	53.20	54.00	-0.80	3	Horizontal	302	2.12
2417MHz	Pass	AV	2.4206G	106.41	Inf	-Inf	3	Horizontal	302	2.12
2417MHz	Pass	PK	2.389G	65.02	74.00	-8.98	3	Horizontal	302	2.12
2417MHz	Pass	PK	2.4204G	116.25	Inf	-Inf	3	Horizontal	302	2.12
2437MHz	Pass	AV	2.3774G	48.34	54.00	-5.66	3	Vertical	194	1.03
2437MHz	Pass	AV	2.4362G	97.08	Inf	-Inf	3	Vertical	194	1.03
2437MHz	Pass	AV	2.485G	49.63	54.00	-4.37	3	Vertical	194	1.03
2437MHz	Pass	PK	2.389G	60.49	74.00	-13.51	3	Vertical	194	1.03
2437MHz	Pass	PK	2.4334G	106.69	Inf	-Inf	3	Vertical	194	1.03
2437MHz	Pass	PK	2.489G	60.86	74.00	-13.14	3	Vertical	194	1.03
2437MHz	Pass	AV	2.3886G	49.73	54.00	-4.27	3	Horizontal	300	1.93
2437MHz	Pass	AV	2.4346G	107.31	Inf	-Inf	3	Horizontal	300	1.93
2437MHz	Pass	AV	2.4858G	50.74	54.00	-3.26	3	Horizontal	300	1.93
2437MHz	Pass	PK	2.387G	60.69	74.00	-13.31	3	Horizontal	300	1.93
2437MHz	Pass	PK	2.435G	116.71	Inf	-Inf	3	Horizontal	300	1.93
2437MHz	Pass	PK	2.4835G	61.85	74.00	-12.15	3	Horizontal	300	1.93
2437MHz	Pass	AV	4.8728G	32.96	54.00	-21.04	3	Vertical	164	1.12
2437MHz	Pass	AV	7.31185G	34.48	54.00	-19.52	3	Vertical	223	2.54
2437MHz	Pass	PK	4.87256G	45.58	74.00	-28.42	3	Vertical	164	1.12
2437MHz	Pass	PK	7.30987G	46.03	74.00	-27.97	3	Vertical	223	2.54
2437MHz	Pass	AV	4.87394G	35.67	54.00	-18.33	3	Horizontal	68	1.67
2437MHz	Pass	AV	7.30862G	34.35	54.00	-19.65	3	Horizontal	345	1.95
2437MHz	Pass	PK	4.87442G	49.22	74.00	-24.78	3	Horizontal	68	1.67
2437MHz	Pass	PK	7.31217G	46.14	74.00	-27.86	3	Horizontal	345	1.95
2457MHz	Pass	AV	2.4584G	98.54	Inf	-Inf	3	Vertical	356	2.23
2457MHz	Pass	AV	2.4858G	49.87	54.00	-4.13	3	Vertical	356	2.23
2457MHz	Pass	PK	2.4604G	107.91	Inf	-Inf	3	Vertical	356	2.23
2457MHz	Pass	PK	2.484G	61.32	74.00	-12.68	3	Vertical	356	2.23
2457MHz	Pass	AV	2.4596G	106.87	Inf	-Inf	3	Horizontal	304	2.13
2457MHz	Pass	AV	2.4835G	53.66	54.00	-0.34	3	Horizontal	304	2.13
2457MHz	Pass	PK	2.4602G	116.06	Inf	-Inf	3	Horizontal	304	2.13
2457MHz	Pass	PK	2.4835G	65.48	74.00	-8.52	3	Horizontal	304	2.13
2462MHz	Pass	AV	2.4598G	95.86	Inf	-Inf	3	Vertical	355	2.23
2462MHz	Pass	AV	2.4835G	49.84	54.00	-4.16	3	Vertical	355	2.23
2462MHz	Pass	PK	2.4584G	105.35	Inf	-Inf	3	Vertical	355	2.23
2462MHz	Pass	PK	2.4934G	61.11	74.00	-12.89	3	Vertical	355	2.23
2462MHz	Pass	AV	2.4608G	104.64	Inf	-Inf	3	Horizontal	302	2.11
2462MHz	Pass	AV	2.4835G	53.66	54.00	-0.34	3	Horizontal	302	2.11
2462MHz	Pass	PK	2.4594G	113.76	Inf	-Inf	3	Horizontal	302	2.11
2462MHz	Pass	PK	2.4835G	66.64	74.00	-7.36	3	Horizontal	302	2.11
2462MHz	Pass	AV	4.92214G	31.44	54.00	-22.56	3	Vertical	175	1.03
2462MHz	Pass	AV	7.38355G	34.11	54.00	-19.89	3	Vertical	64	1.76
2462MHz	Pass	PK	4.91926G	43.51	74.00	-30.49	3	Vertical	175	1.03
2462MHz	Pass	PK	7.38623G	45.64	74.00	-28.36	3	Vertical	64	1.76
2462MHz	Pass	AV	4.924G	32.72	54.00	-21.28	3	Horizontal	73	2.50
2462MHz	Pass	AV	7.38357G	34.11	54.00	-19.89	3	Horizontal	170	1.51
2462MHz	Pass	PK	4.92436G	45.11	74.00	-28.89	3	Horizontal	73	2.50
2462MHz	Pass	PK	7.38573G	45.96	74.00	-28.04	3	Horizontal	170	1.51
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	48.67	54.00	-5.33	3	Vertical	325	2.83
2412MHz	Pass	AV	2.4094G	92.18	Inf	-Inf	3	Vertical	325	2.83
2412MHz	Pass	PK	2.3872G	60.17	74.00	-13.83	3	Vertical	325	2.83
2412MHz	Pass	PK	2.4068G	101.33	Inf	-Inf	3	Vertical	325	2.83
2412MHz	Pass	AV	2.39G	53.47	54.00	-0.53	3	Horizontal	300	2.11
2412MHz	Pass	AV	2.4082G	104.02	Inf	-Inf	3	Horizontal	300	2.11
2412MHz	Pass	PK	2.3898G	65.50	74.00	-8.50	3	Horizontal	300	2.11
2412MHz	Pass	PK	2.4154G	113.22	Inf	-Inf	3	Horizontal	300	2.11

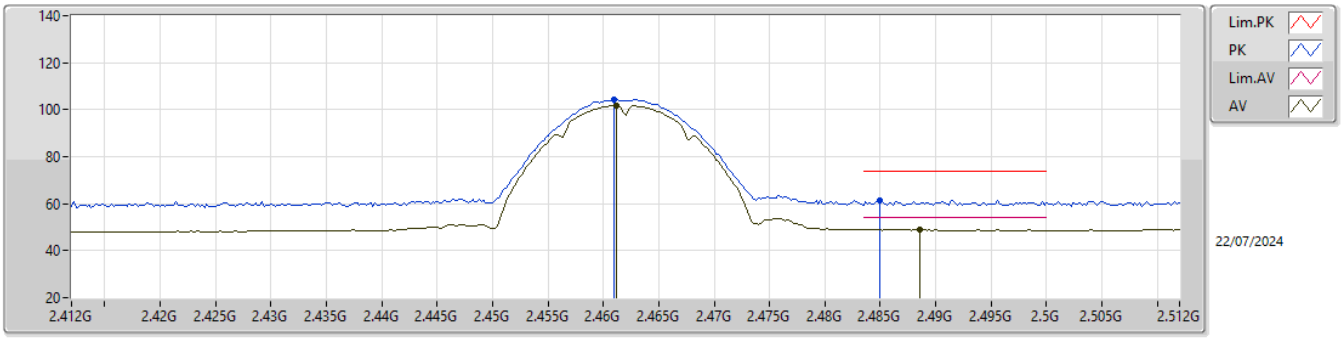
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	AV	4.82616G	29.86	54.00	-24.14	3	Vertical	115.1	1.50
2412MHz	Pass	PK	4.83726G	42.13	74.00	-31.87	3	Vertical	115.1	1.50
2412MHz	Pass	AV	4.82376G	33.44	54.00	-20.56	3	Horizontal	67	1.89
2412MHz	Pass	PK	4.8198G	45.18	74.00	-28.82	3	Horizontal	67	1.89
2417MHz	Pass	AV	2.3896G	48.67	54.00	-5.33	3	Vertical	354	2.50
2417MHz	Pass	AV	2.4132G	97.51	Inf	-Inf	3	Vertical	354	2.50
2417MHz	Pass	PK	2.3708G	61.05	74.00	-12.95	3	Vertical	354	2.50
2417MHz	Pass	PK	2.4182G	107.17	Inf	-Inf	3	Vertical	354	2.50
2417MHz	Pass	AV	2.39G	53.20	54.00	-0.80	3	Horizontal	299	2.12
2417MHz	Pass	AV	2.4196G	105.97	Inf	-Inf	3	Horizontal	299	2.12
2417MHz	Pass	PK	2.388G	64.83	74.00	-9.17	3	Horizontal	299	2.12
2417MHz	Pass	PK	2.4206G	115.73	Inf	-Inf	3	Horizontal	299	2.12
2437MHz	Pass	AV	2.359G	48.46	54.00	-5.54	3	Vertical	356	2.44
2437MHz	Pass	AV	2.4342G	97.90	Inf	-Inf	3	Vertical	356	2.44
2437MHz	Pass	AV	2.4846G	49.63	54.00	-4.37	3	Vertical	356	2.44
2437MHz	Pass	PK	2.373G	60.44	74.00	-13.56	3	Vertical	356	2.44
2437MHz	Pass	PK	2.4346G	107.38	Inf	-Inf	3	Vertical	356	2.44
2437MHz	Pass	PK	2.4922G	61.90	74.00	-12.10	3	Vertical	356	2.44
2437MHz	Pass	AV	2.3898G	49.74	54.00	-4.26	3	Horizontal	304	1.93
2437MHz	Pass	AV	2.435G	106.73	Inf	-Inf	3	Horizontal	304	1.93
2437MHz	Pass	AV	2.4862G	50.74	54.00	-3.26	3	Horizontal	304	1.93
2437MHz	Pass	PK	2.3894G	60.94	74.00	-13.06	3	Horizontal	304	1.93
2437MHz	Pass	PK	2.433G	116.53	Inf	-Inf	3	Horizontal	304	1.93
2437MHz	Pass	PK	2.4866G	61.94	74.00	-12.06	3	Horizontal	304	1.93
2437MHz	Pass	AV	4.87466G	31.21	54.00	-22.79	3	Vertical	74	2.88
2437MHz	Pass	AV	7.30242G	34.53	54.00	-19.47	3	Vertical	97	1.50
2437MHz	Pass	PK	4.87232G	44.85	74.00	-29.15	3	Vertical	74	2.88
2437MHz	Pass	PK	7.32528G	46.83	74.00	-27.17	3	Vertical	97	1.50
2437MHz	Pass	AV	4.874G	34.76	54.00	-19.24	3	Horizontal	73	2.52
2437MHz	Pass	AV	7.31178G	34.48	54.00	-19.52	3	Horizontal	7	1.00
2437MHz	Pass	PK	4.8779G	48.02	74.00	-25.98	3	Horizontal	73	2.52
2437MHz	Pass	PK	7.31898G	46.24	74.00	-27.76	3	Horizontal	7	1.00
2457MHz	Pass	AV	2.458G	97.91	Inf	-Inf	3	Vertical	356	2.24
2457MHz	Pass	AV	2.4944G	49.65	54.00	-4.35	3	Vertical	356	2.24
2457MHz	Pass	PK	2.456G	107.32	Inf	-Inf	3	Vertical	356	2.24
2457MHz	Pass	PK	2.4864G	61.34	74.00	-12.66	3	Vertical	356	2.24
2457MHz	Pass	AV	2.4596G	106.55	Inf	-Inf	3	Horizontal	303	2.12
2457MHz	Pass	AV	2.4835G	53.66	54.00	-0.34	3	Horizontal	303	2.12
2457MHz	Pass	PK	2.456G	115.78	Inf	-Inf	3	Horizontal	303	2.12
2457MHz	Pass	PK	2.4838G	66.21	74.00	-7.79	3	Horizontal	303	2.12
2462MHz	Pass	AV	2.4596G	94.72	Inf	-Inf	3	Vertical	354	2.24
2462MHz	Pass	AV	2.4835G	49.84	54.00	-4.16	3	Vertical	354	2.24
2462MHz	Pass	PK	2.4612G	104.33	Inf	-Inf	3	Vertical	354	2.24
2462MHz	Pass	PK	2.489G	61.66	74.00	-12.34	3	Vertical	354	2.24
2462MHz	Pass	AV	2.4604G	103.75	Inf	-Inf	3	Horizontal	304	2.11
2462MHz	Pass	AV	2.4835G	53.66	54.00	-0.34	3	Horizontal	304	2.11
2462MHz	Pass	PK	2.4608G	113.06	Inf	-Inf	3	Horizontal	304	2.11
2462MHz	Pass	PK	2.4835G	66.41	74.00	-7.59	3	Horizontal	304	2.11
2462MHz	Pass	AV	4.9198G	30.05	54.00	-23.95	3	Vertical	151	1.00
2462MHz	Pass	AV	7.37274G	34.30	54.00	-19.70	3	Vertical	276	1.36
2462MHz	Pass	PK	4.93378G	41.90	74.00	-32.10	3	Vertical	151	1.00
2462MHz	Pass	PK	7.401G	46.40	74.00	-27.60	3	Vertical	276	1.36
2462MHz	Pass	AV	4.92394G	32.47	54.00	-21.53	3	Horizontal	75	2.47
2462MHz	Pass	AV	7.37394G	34.44	54.00	-19.56	3	Horizontal	262	1.50
2462MHz	Pass	PK	4.92118G	44.17	74.00	-29.83	3	Horizontal	75	2.47
2462MHz	Pass	PK	7.398G	46.58	74.00	-27.42	3	Horizontal	262	1.50
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3888G	49.32	54.00	-4.68	3	Vertical	197	1.00
2422MHz	Pass	AV	2.4256G	88.84	Inf	-Inf	3	Vertical	197	1.00
2422MHz	Pass	AV	2.496G	50.32	54.00	-3.68	3	Vertical	197	1.00
2422MHz	Pass	PK	2.3884G	62.54	74.00	-11.46	3	Vertical	197	1.00
2422MHz	Pass	PK	2.4292G	97.67	Inf	-Inf	3	Vertical	197	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2422MHz	Pass	PK	2.4976G	61.28	74.00	-12.72	3	Vertical	197	1.00
2422MHz	Pass	AV	2.3896G	53.72	54.00	-0.28	3	Horizontal	302	1.93
2422MHz	Pass	AV	2.4304G	98.68	Inf	-Inf	3	Horizontal	302	1.93
2422MHz	Pass	AV	2.4868G	51.15	54.00	-2.85	3	Horizontal	302	1.93
2422MHz	Pass	PK	2.39G	65.17	74.00	-8.83	3	Horizontal	302	1.93
2422MHz	Pass	PK	2.4288G	107.66	Inf	-Inf	3	Horizontal	302	1.93
2422MHz	Pass	PK	2.4852G	61.81	74.00	-12.19	3	Horizontal	302	1.93
2422MHz	Pass	AV	4.81784G	30.24	54.00	-23.76	3	Vertical	244	1.50
2422MHz	Pass	PK	4.81856G	41.39	74.00	-32.61	3	Vertical	244	1.50
2422MHz	Pass	AV	4.84388G	31.51	54.00	-22.49	3	Horizontal	75.1	2.54
2422MHz	Pass	PK	4.82828G	41.74	74.00	-32.26	3	Horizontal	75.1	2.54
2427MHz	Pass	AV	2.389G	49.32	54.00	-4.68	3	Vertical	355	2.42
2427MHz	Pass	AV	2.4314G	91.89	Inf	-Inf	3	Vertical	355	2.42
2427MHz	Pass	AV	2.4878G	50.33	54.00	-3.67	3	Vertical	355	2.42
2427MHz	Pass	PK	2.3614G	60.39	74.00	-13.61	3	Vertical	355	2.42
2427MHz	Pass	PK	2.433G	100.64	Inf	-Inf	3	Vertical	355	2.42
2427MHz	Pass	PK	2.4906G	60.73	74.00	-13.27	3	Vertical	355	2.42
2427MHz	Pass	AV	2.3898G	53.85	54.00	-0.15	3	Horizontal	300	1.93
2427MHz	Pass	AV	2.4338G	100.61	Inf	-Inf	3	Horizontal	300	1.93
2427MHz	Pass	AV	2.4866G	51.53	54.00	-2.47	3	Horizontal	300	1.93
2427MHz	Pass	PK	2.3898G	65.17	74.00	-8.83	3	Horizontal	300	1.93
2427MHz	Pass	PK	2.4318G	109.60	Inf	-Inf	3	Horizontal	300	1.93
2427MHz	Pass	PK	2.485G	61.98	74.00	-12.02	3	Horizontal	300	1.93
2437MHz	Pass	AV	2.389G	49.10	54.00	-4.90	3	Vertical	356	2.42
2437MHz	Pass	AV	2.4318G	94.03	Inf	-Inf	3	Vertical	356	2.42
2437MHz	Pass	AV	2.485G	50.52	54.00	-3.48	3	Vertical	356	2.42
2437MHz	Pass	PK	2.3878G	60.24	74.00	-13.76	3	Vertical	356	2.42
2437MHz	Pass	PK	2.433G	102.92	Inf	-Inf	3	Vertical	356	2.42
2437MHz	Pass	PK	2.4838G	61.73	74.00	-12.27	3	Vertical	356	2.42
2437MHz	Pass	AV	2.3898G	53.20	54.00	-0.80	3	Horizontal	299	1.93
2437MHz	Pass	AV	2.4338G	102.48	Inf	-Inf	3	Horizontal	299	1.93
2437MHz	Pass	AV	2.4838G	53.37	54.00	-0.63	3	Horizontal	299	1.93
2437MHz	Pass	PK	2.389G	66.94	74.00	-7.06	3	Horizontal	299	1.93
2437MHz	Pass	PK	2.4322G	111.41	Inf	-Inf	3	Horizontal	299	1.93
2437MHz	Pass	PK	2.4838G	63.92	74.00	-10.08	3	Horizontal	299	1.93
2437MHz	Pass	AV	4.86928G	31.03	54.00	-22.97	3	Vertical	164	2.00
2437MHz	Pass	AV	7.3103G	35.19	54.00	-18.81	3	Vertical	166	1.50
2437MHz	Pass	PK	4.87434G	42.23	74.00	-31.77	3	Vertical	164	2.00
2437MHz	Pass	PK	7.30674G	46.69	74.00	-27.31	3	Vertical	166	1.50
2437MHz	Pass	AV	4.87378G	33.24	54.00	-20.76	3	Horizontal	68	2.42
2437MHz	Pass	AV	7.31402G	35.30	54.00	-18.70	3	Horizontal	267	1.50
2437MHz	Pass	PK	4.87278G	44.04	74.00	-29.96	3	Horizontal	68	2.42
2437MHz	Pass	PK	7.31596G	46.88	74.00	-27.12	3	Horizontal	267	1.50
2447MHz	Pass	AV	2.3878G	49.09	54.00	-4.91	3	Vertical	357	2.24
2447MHz	Pass	AV	2.4558G	90.38	Inf	-Inf	3	Vertical	357	2.24
2447MHz	Pass	AV	2.4866G	50.32	54.00	-3.68	3	Vertical	357	2.24
2447MHz	Pass	PK	2.383G	60.71	74.00	-13.29	3	Vertical	357	2.24
2447MHz	Pass	PK	2.4582G	98.69	Inf	-Inf	3	Vertical	357	2.24
2447MHz	Pass	PK	2.4978G	60.91	74.00	-13.09	3	Vertical	357	2.24
2447MHz	Pass	AV	2.3898G	50.33	54.00	-3.67	3	Horizontal	298	1.93
2447MHz	Pass	AV	2.4374G	99.47	Inf	-Inf	3	Horizontal	298	1.93
2447MHz	Pass	AV	2.4838G	53.52	54.00	-0.48	3	Horizontal	298	1.93
2447MHz	Pass	PK	2.3894G	61.38	74.00	-12.62	3	Horizontal	298	1.93
2447MHz	Pass	PK	2.4398G	108.19	Inf	-Inf	3	Horizontal	298	1.93
2447MHz	Pass	PK	2.4835G	66.03	74.00	-7.97	3	Horizontal	298	1.93
2452MHz	Pass	AV	2.39G	49.12	54.00	-4.88	3	Vertical	360	2.24
2452MHz	Pass	AV	2.4548G	89.47	Inf	-Inf	3	Vertical	360	2.24
2452MHz	Pass	AV	2.484G	50.29	54.00	-3.71	3	Vertical	360	2.24
2452MHz	Pass	PK	2.3592G	59.98	74.00	-14.02	3	Vertical	360	2.24
2452MHz	Pass	PK	2.4572G	98.45	Inf	-Inf	3	Vertical	360	2.24
2452MHz	Pass	PK	2.486G	62.10	74.00	-11.90	3	Vertical	360	2.24
2452MHz	Pass	AV	2.3884G	50.11	54.00	-3.89	3	Horizontal	303	2.11

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2452MHz	Pass	AV	2.4576G	98.69	Inf	-Inf	3	Horizontal	303	2.11
2452MHz	Pass	AV	2.4852G	53.68	54.00	-0.32	3	Horizontal	303	2.11
2452MHz	Pass	PK	2.3884G	61.26	74.00	-12.74	3	Horizontal	303	2.11
2452MHz	Pass	PK	2.4592G	107.87	Inf	-Inf	3	Horizontal	303	2.11
2452MHz	Pass	PK	2.4876G	64.61	74.00	-9.39	3	Horizontal	303	2.11
2452MHz	Pass	AV	4.90106G	30.78	54.00	-23.22	3	Vertical	190	1.50
2452MHz	Pass	AV	7.35478G	34.92	54.00	-19.08	3	Vertical	155	1.50
2452MHz	Pass	PK	4.90266G	41.86	74.00	-32.14	3	Vertical	190	1.50
2452MHz	Pass	PK	7.35798G	46.53	74.00	-27.47	3	Vertical	155	1.50
2452MHz	Pass	AV	4.90406G	32.11	54.00	-21.89	3	Horizontal	69	1.75
2452MHz	Pass	AV	7.35288G	34.93	54.00	-19.07	3	Horizontal	257	2.77
2452MHz	Pass	PK	4.9039G	43.00	74.00	-31.00	3	Horizontal	69	1.75
2452MHz	Pass	PK	7.35572G	46.33	74.00	-27.67	3	Horizontal	257	2.77

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

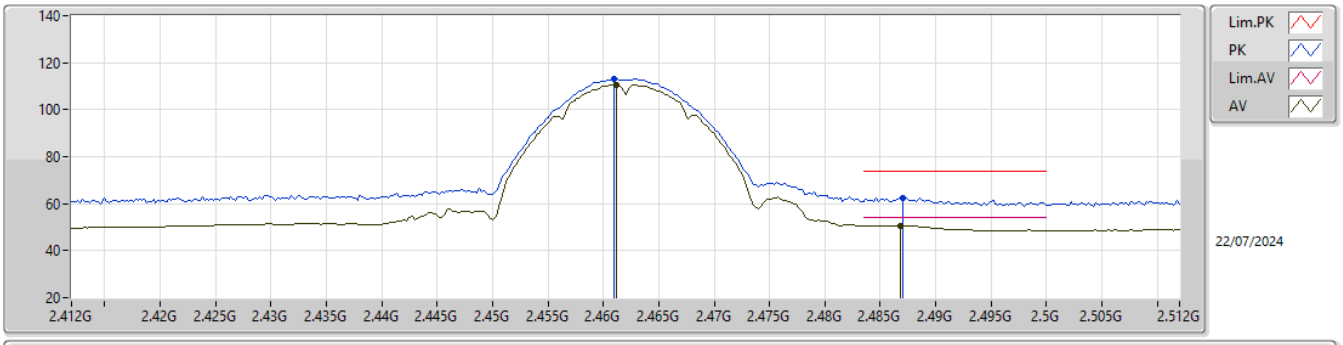
2462MHz_TX



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	2.4612G	101.87	Inf	-Inf	32.01	3	Vertical	355	2.24	69.86	27.40	4.61	-
AV	2.4886G	48.92	54.00	-5.08	32.23	3	Vertical	355	2.24	16.69	27.59	4.64	-
PK	2.461G	104.43	Inf	-Inf	32.01	3	Vertical	355	2.24	72.42	27.40	4.61	-
PK	2.485G	61.27	74.00	-12.73	32.19	3	Vertical	355	2.24	29.08	27.55	4.64	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

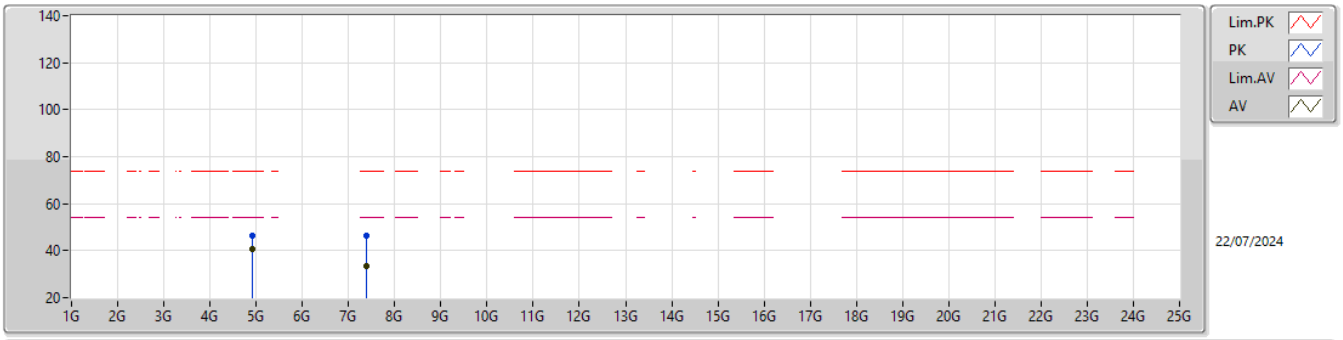
2462MHz_TX



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	2.4612G	110.66	Inf	-Inf	32.01	3	Horizontal	300	2.12	78.65	27.40	4.61	-
AV	2.4868G	50.74	54.00	-3.26	32.21	3	Horizontal	300	2.12	18.53	27.57	4.64	-
PK	2.461G	113.16	Inf	-Inf	32.01	3	Horizontal	300	2.12	81.15	27.40	4.61	-
PK	2.487G	62.64	74.00	-11.36	32.21	3	Horizontal	300	2.12	30.43	27.57	4.64	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

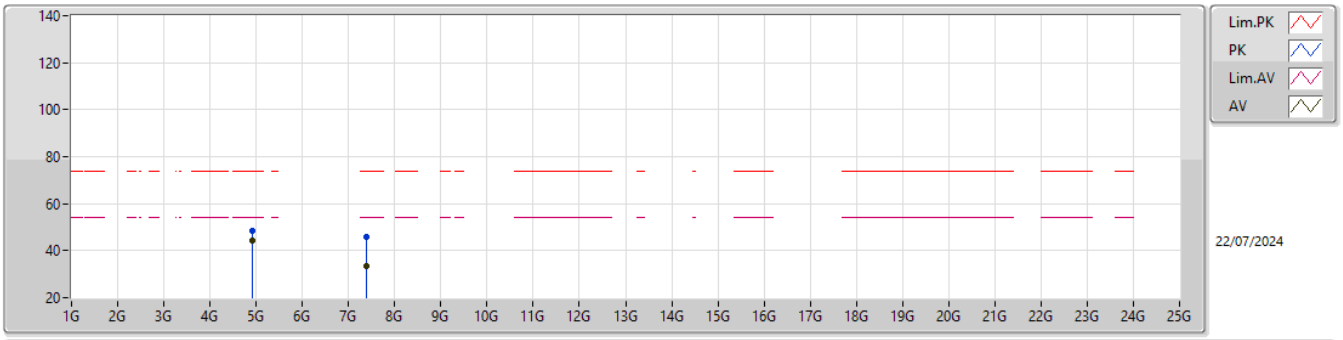
2462MHz_TX



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	4.92394G	40.92	54.00	-13.08	4.59	3	Vertical	117	1.00	36.33	32.74	6.64	34.79
AV	7.38142G	33.49	54.00	-20.51	9.69	3	Vertical	47	1.23	23.80	36.31	8.35	34.97
PK	4.9239G	46.60	74.00	-27.40	4.59	3	Vertical	117	1.00	42.01	32.74	6.64	34.79
PK	7.3876G	46.53	74.00	-27.47	9.66	3	Vertical	47	1.23	36.87	36.27	8.36	34.97

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

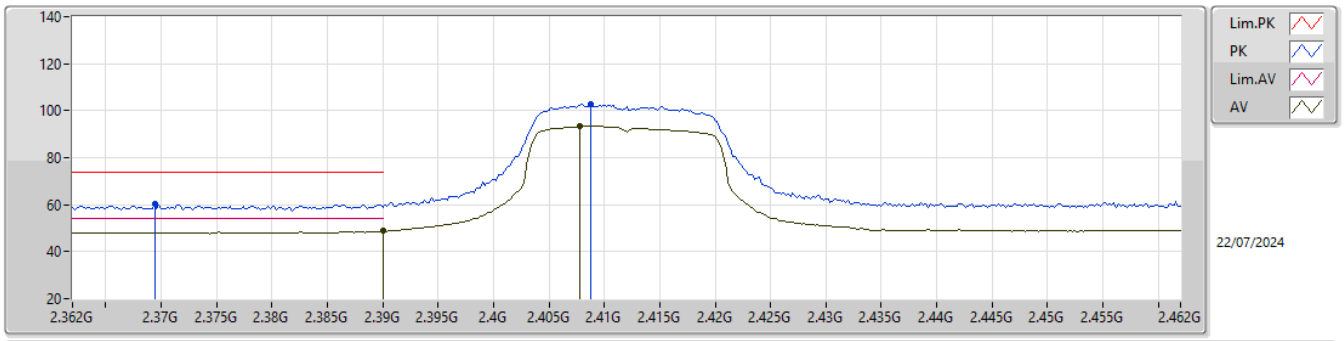
2462MHz_TX



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	4.92396G	44.10	54.00	-9.90	4.59	3	Horizontal	64	1.81	39.51	32.74	6.64	34.79
AV	7.38162G	33.49	54.00	-20.51	9.69	3	Horizontal	40	2.26	23.80	36.31	8.35	34.97
PK	4.92384G	48.47	74.00	-25.53	4.59	3	Horizontal	64	1.81	43.88	32.74	6.64	34.79
PK	7.38836G	45.83	74.00	-28.17	9.66	3	Horizontal	40	2.26	36.17	36.27	8.36	34.97

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

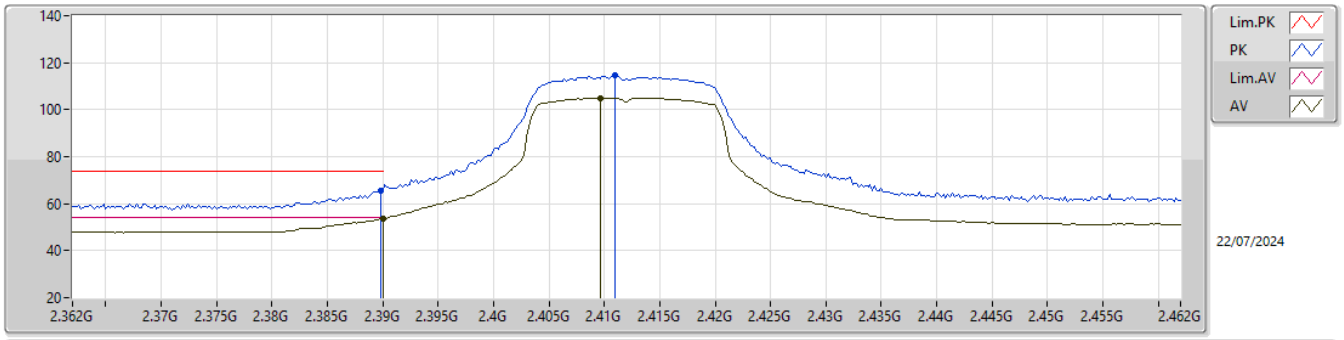
2412MHz_TX



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	2.39G	48.90	54.00	-5.10	31.83	3	Vertical	326	2.85	17.07	27.30	4.53	-
AV	2.4078G	93.34	Inf	-Inf	31.95	3	Vertical	326	2.85	61.39	27.40	4.55	-
PK	2.3694G	60.44	74.00	-13.56	31.62	3	Vertical	326	2.85	28.82	27.11	4.51	-
PK	2.4088G	102.60	Inf	-Inf	31.95	3	Vertical	326	2.85	70.65	27.40	4.55	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

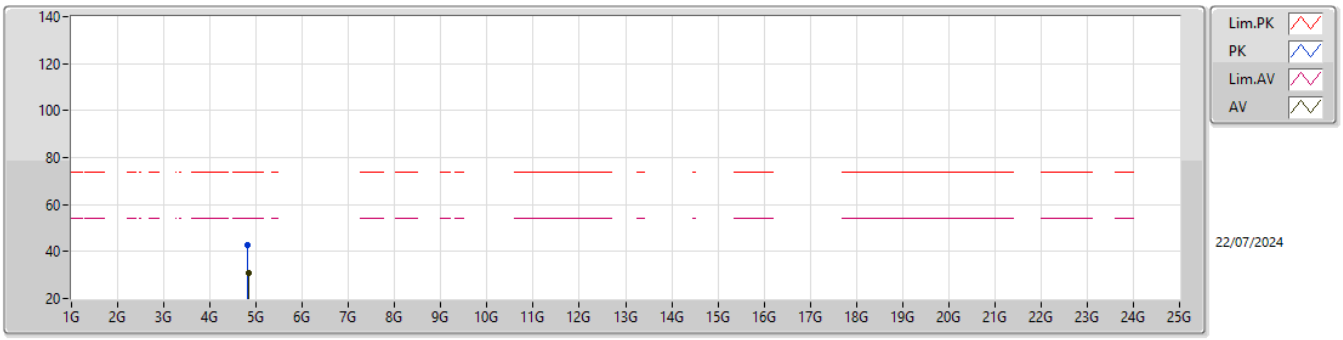
2412MHz_TX



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	2.39G	53.72	54.00	-0.28	31.83	3	Horizontal	301	2.12	21.89	27.30	4.53	-
AV	2.4096G	104.96	Inf	-Inf	31.95	3	Horizontal	301	2.12	73.01	27.40	4.55	-
PK	2.3898G	65.47	74.00	-8.53	31.83	3	Horizontal	301	2.12	33.64	27.30	4.53	-
PK	2.411G	114.54	Inf	-Inf	31.95	3	Horizontal	301	2.12	82.59	27.40	4.55	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

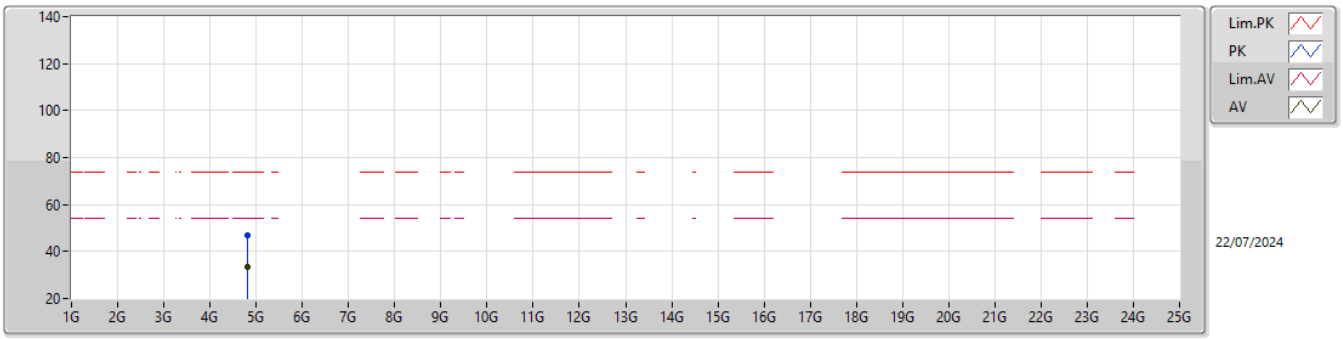
2412MHz_TX



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	4.82538G	30.88	54.00	-23.12	4.02	3	Vertical	115	1.03	26.86	32.30	6.54	34.82
PK	4.8237G	42.73	74.00	-31.27	4.00	3	Vertical	115	1.03	38.73	32.29	6.53	34.82

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

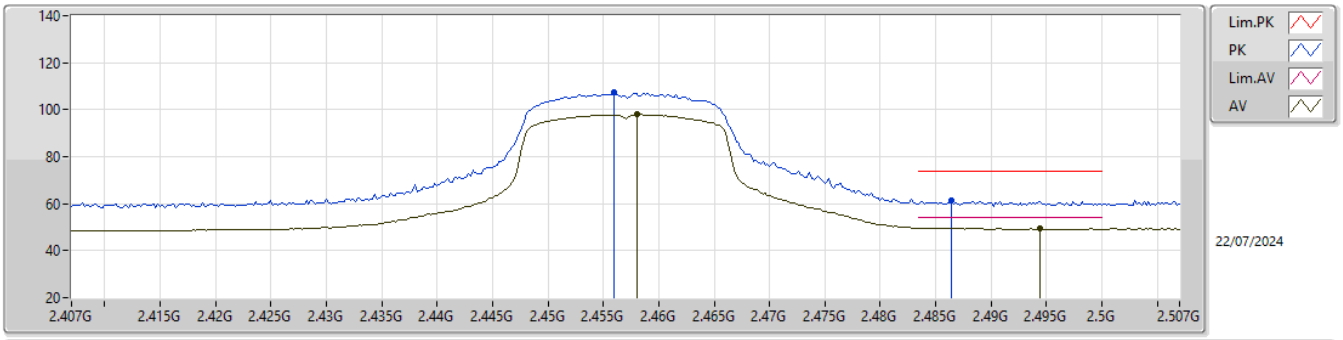
2412MHz_TX



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	4.82376G	33.59	54.00	-20.41	4.01	3	Horizontal	62	1.79	29.58	32.30	6.53	34.82
PK	4.82448G	46.94	74.00	-27.06	4.02	3	Horizontal	62	1.79	42.92	32.30	6.54	34.82

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

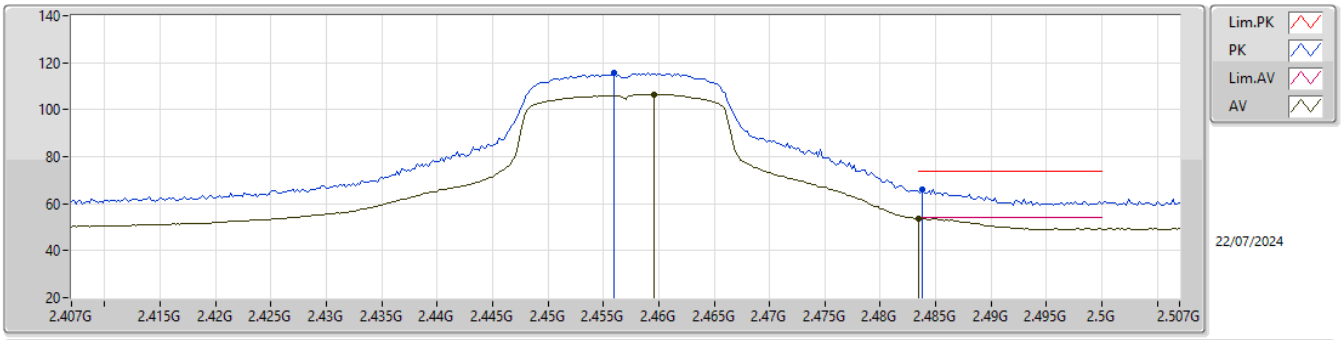
2457MHz_TX



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	2.458G	97.91	Inf	-Inf	32.01	3	Vertical	356	2.24	65.90	27.40	4.61	-
AV	2.4944G	49.65	54.00	-4.35	32.25	3	Vertical	356	2.24	17.40	27.60	4.65	-
PK	2.456G	107.32	Inf	-Inf	32.00	3	Vertical	356	2.24	75.32	27.40	4.60	-
PK	2.4864G	61.34	74.00	-12.66	32.20	3	Vertical	356	2.24	29.14	27.56	4.64	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

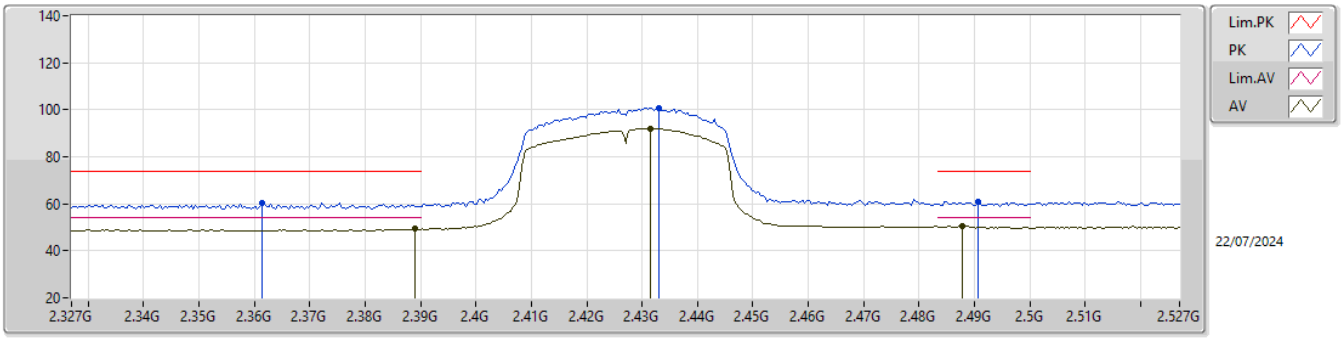
2457MHz_TX



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	2.4596G	106.55	Inf	-Inf	32.01	3	Horizontal	303	2.12	74.54	27.40	4.61	-
AV	2.4835G	53.66	54.00	-0.34	32.18	3	Horizontal	303	2.12	21.48	27.54	4.64	-
PK	2.456G	115.78	Inf	-Inf	32.00	3	Horizontal	303	2.12	83.78	27.40	4.60	-
PK	2.4838G	66.21	74.00	-7.79	32.18	3	Horizontal	303	2.12	34.03	27.54	4.64	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

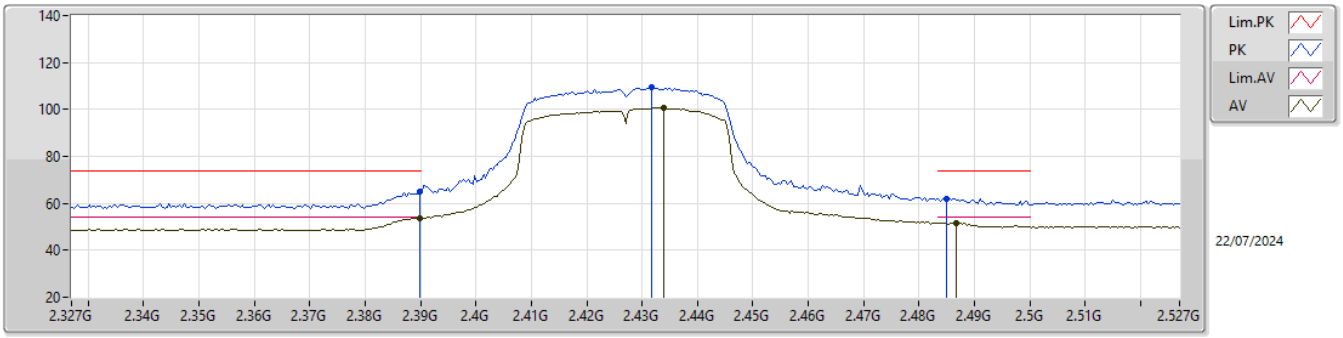
2427MHz_TX



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	2.389G	49.32	54.00	-4.68	31.82	3	Vertical	355	2.42	17.50	27.29	4.53	-
AV	2.4314G	91.89	Inf	-Inf	32.07	3	Vertical	355	2.42	59.82	27.49	4.58	-
AV	2.4878G	50.33	54.00	-3.67	32.22	3	Vertical	355	2.42	18.11	27.58	4.64	-
PK	2.3614G	60.39	74.00	-13.61	31.69	3	Vertical	355	2.42	28.70	27.19	4.50	-
PK	2.433G	100.64	Inf	-Inf	32.05	3	Vertical	355	2.42	68.59	27.47	4.58	-
PK	2.4906G	60.73	74.00	-13.27	32.24	3	Vertical	355	2.42	28.49	27.60	4.64	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_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	2.3898G	53.85	54.00	-0.15	31.83	3	Horizontal	300	1.93	22.02	27.30	4.53	-
AV	2.4338G	100.61	Inf	-Inf	32.04	3	Horizontal	300	1.93	68.57	27.46	4.58	-
AV	2.4866G	51.53	54.00	-2.47	32.21	3	Horizontal	300	1.93	19.32	27.57	4.64	-
PK	2.3898G	65.17	74.00	-8.83	31.83	3	Horizontal	300	1.93	33.34	27.30	4.53	-
PK	2.4318G	109.60	Inf	-Inf	32.06	3	Horizontal	300	1.93	77.54	27.48	4.58	-
PK	2.485G	61.98	74.00	-12.02	32.19	3	Horizontal	300	1.93	29.79	27.55	4.64	-

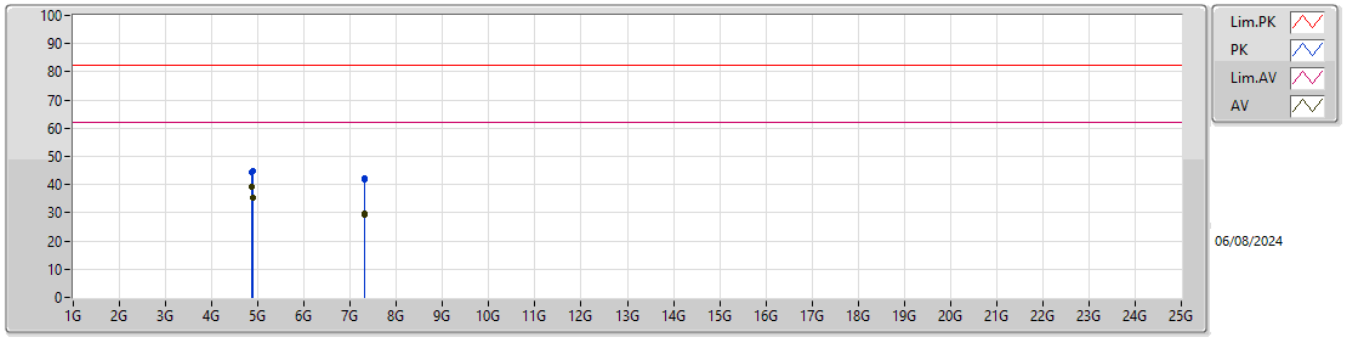
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87393G	44.49	62.20	-17.71	Horizontal
Mode 2	Pass	AV	4.87995G	54.21	62.20	-7.99	Horizontal

Result

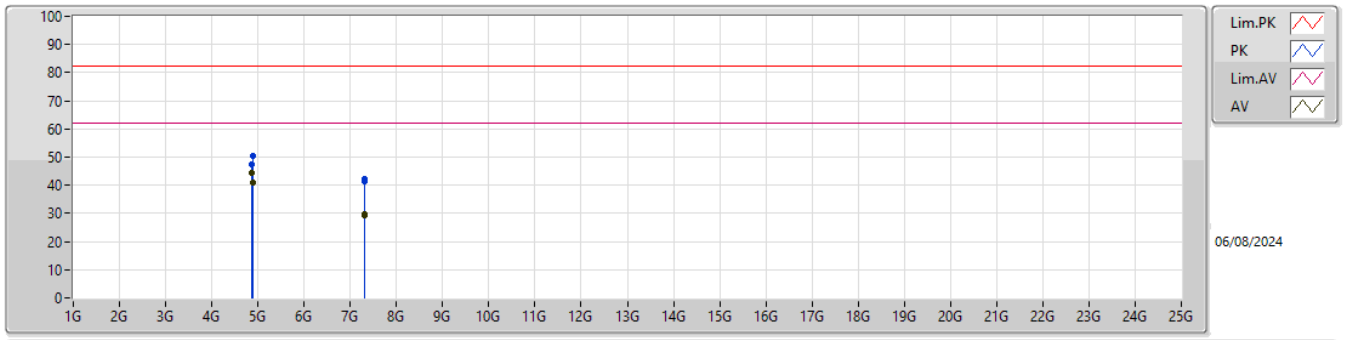
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.87397G	39.02	62.20	-23.18	3	Vertical	200	1.05
Mode 1	Pass	AV	4.87987G	35.22	62.20	-26.98	3	Vertical	331	2.97
Mode 1	Pass	AV	7.30906G	29.44	62.20	-32.76	3	Vertical	99	1.50
Mode 1	Pass	AV	7.32113G	29.62	62.20	-32.58	3	Vertical	213	2.12
Mode 1	Pass	PK	4.87413G	44.43	82.20	-37.77	3	Vertical	200	1.05
Mode 1	Pass	PK	4.88037G	44.86	82.20	-37.34	3	Vertical	331	2.97
Mode 1	Pass	PK	7.31309G	41.77	82.20	-40.43	3	Vertical	99	1.50
Mode 1	Pass	PK	7.31896G	42.06	82.20	-40.14	3	Vertical	213	2.12
Mode 1	Pass	AV	4.87393G	44.49	62.20	-17.71	3	Horizontal	298	2.19
Mode 1	Pass	AV	4.87991G	41.16	62.20	-21.04	3	Horizontal	24	1.01
Mode 1	Pass	AV	7.3101G	29.83	62.20	-32.37	3	Horizontal	261	2.13
Mode 1	Pass	AV	7.31944G	29.47	62.20	-32.73	3	Horizontal	223	1.50
Mode 1	Pass	PK	4.87394G	47.44	82.20	-34.76	3	Horizontal	298	2.19
Mode 1	Pass	PK	4.87943G	50.23	82.20	-31.97	3	Horizontal	24	1.01
Mode 1	Pass	PK	7.31346G	41.27	82.20	-40.93	3	Horizontal	261	2.13
Mode 1	Pass	PK	7.31838G	42.27	82.20	-39.93	3	Horizontal	223	1.50
Mode 2	Pass	AV	4.87993G	47.81	62.20	-14.39	3	Vertical	326	2.92
Mode 2	Pass	AV	10.40444G	32.86	62.20	-29.34	3	Vertical	191	1.28
Mode 2	Pass	AV	15.58509G	34.20	62.20	-28.00	3	Vertical	289	1.78
Mode 2	Pass	PK	4.87948G	54.25	82.20	-27.95	3	Vertical	326	2.92
Mode 2	Pass	PK	10.40275G	44.65	82.20	-37.55	3	Vertical	191	1.28
Mode 2	Pass	PK	15.60501G	46.09	82.20	-36.11	3	Vertical	289	1.78
Mode 2	Pass	AV	4.87995G	54.21	62.20	-7.99	3	Horizontal	200	1.08
Mode 2	Pass	AV	10.40081G	34.13	62.20	-28.07	3	Horizontal	355	1.94
Mode 2	Pass	AV	15.58539G	34.20	62.20	-28.00	3	Horizontal	287	1.63
Mode 2	Pass	PK	4.88048G	60.65	82.20	-21.55	3	Horizontal	200	1.08
Mode 2	Pass	PK	10.39763G	46.12	82.20	-36.08	3	Horizontal	355	1.94
Mode 2	Pass	PK	15.5934G	45.78	82.20	-36.42	3	Horizontal	287	1.63

Radiated Emissions above 1GHz_Mode 1



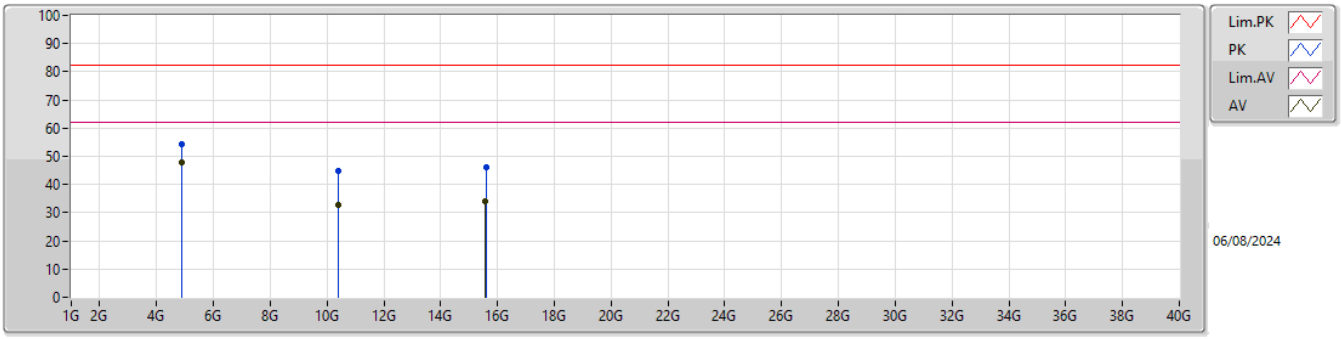
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV)	(dB/m)	(dB)	(dB)
AV	4.87397G	39.02	62.20	-23.18	-5.44	3	Vertical	200	1.05	44.46	32.50	6.59	44.53
AV	4.87987G	35.22	62.20	-26.98	-5.43	3	Vertical	331	2.97	40.65	32.52	6.59	44.54
AV	7.30906G	29.44	62.20	-32.76	0.16	3	Vertical	99	1.50	29.28	36.66	8.29	44.79
AV	7.32113G	29.62	62.20	-32.58	0.13	3	Vertical	213	2.12	29.49	36.62	8.30	44.79
PK	4.87413G	44.43	82.20	-37.77	-5.44	3	Vertical	200	1.05	49.87	32.50	6.59	44.53
PK	4.88037G	44.86	82.20	-37.34	-5.43	3	Vertical	331	2.97	50.29	32.52	6.59	44.54
PK	7.31309G	41.77	82.20	-40.43	0.16	3	Vertical	99	1.50	41.61	36.65	8.30	44.79
PK	7.31896G	42.06	82.20	-40.14	0.13	3	Vertical	213	2.12	41.93	36.62	8.30	44.79

Radiated Emissions above 1GHz_Mode 1



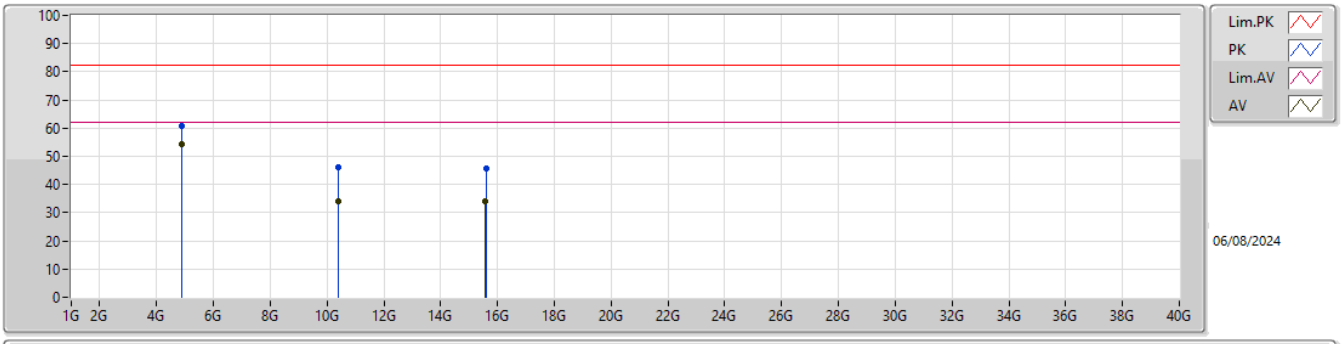
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV)	(dB/m)	(dB)	(dB)
AV	4.87393G	44.49	62.20	-17.71	-5.44	3	Horizontal	298	2.19	49.93	32.50	6.59	44.53
AV	4.87991G	41.16	62.20	-21.04	-5.43	3	Horizontal	24	1.01	46.59	32.52	6.59	44.54
AV	7.3101G	29.83	62.20	-32.37	0.16	3	Horizontal	261	2.13	29.67	36.66	8.29	44.79
AV	7.31944G	29.47	62.20	-32.73	0.13	3	Horizontal	223	1.50	29.34	36.62	8.30	44.79
PK	4.87394G	47.44	82.20	-34.76	-5.44	3	Horizontal	298	2.19	52.88	32.50	6.59	44.53
PK	4.87943G	50.23	82.20	-31.97	-5.43	3	Horizontal	24	1.01	55.66	32.52	6.59	44.54
PK	7.31346G	41.27	82.20	-40.93	0.16	3	Horizontal	261	2.13	41.11	36.65	8.30	44.79
PK	7.31838G	42.27	82.20	-39.93	0.14	3	Horizontal	223	1.50	42.13	36.63	8.30	44.79

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV)	(dB/m)	(dB)	(dB)
AV	4.87993G	47.81	62.20	-14.39	-5.43	3	Vertical	326	2.92	53.24	32.52	6.59	44.54
AV	10.40444G	32.86	62.20	-29.34	5.88	3	Vertical	191	1.28	26.98	38.60	10.34	43.06
AV	15.58509G	34.20	62.20	-28.00	7.27	3	Vertical	289	1.78	26.93	38.03	13.04	43.80
PK	4.87948G	54.25	82.20	-27.95	-5.43	3	Vertical	326	2.92	59.68	32.52	6.59	44.54
PK	10.40275G	44.65	82.20	-37.55	5.88	3	Vertical	191	1.28	38.77	38.60	10.34	43.06
PK	15.60501G	46.09	82.20	-36.11	7.22	3	Vertical	289	1.78	38.87	37.98	13.05	43.81

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV)	(dB/m)	(dB)	(dB)
AV	4.87995G	54.21	62.20	-7.99	-5.43	3	Horizontal	200	1.08	59.64	32.52	6.59	44.54
AV	10.40081G	34.13	62.20	-28.07	5.88	3	Horizontal	355	1.94	28.25	38.60	10.34	43.06
AV	15.58539G	34.20	62.20	-28.00	7.27	3	Horizontal	287	1.63	26.93	38.03	13.04	43.80
PK	4.88048G	60.65	82.20	-21.55	-5.43	3	Horizontal	200	1.08	66.08	32.52	6.59	44.54
PK	10.39763G	46.12	82.20	-36.08	5.88	3	Horizontal	355	1.94	40.24	38.60	10.34	43.06
PK	15.5934G	45.78	82.20	-36.42	7.26	3	Horizontal	287	1.63	38.52	38.01	13.05	43.80

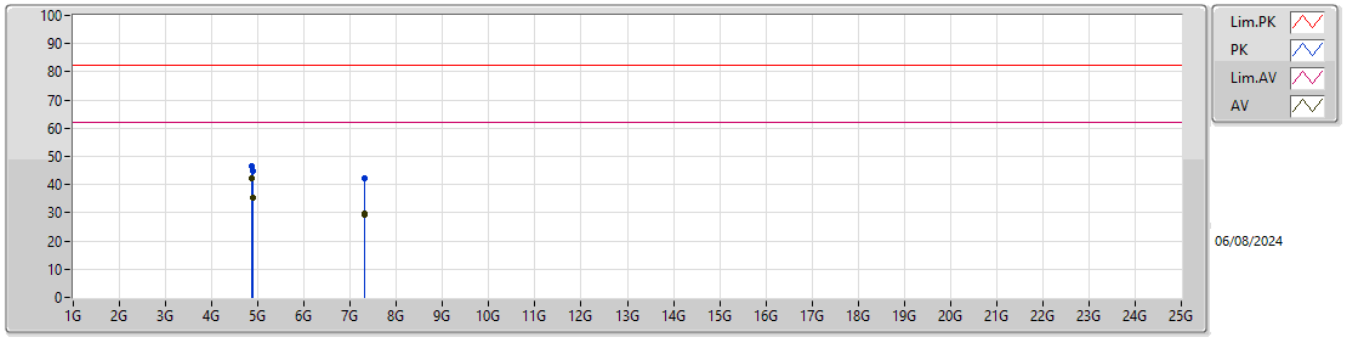
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.88021G	45.01	62.20	-17.19	Horizontal
Mode 2	Pass	AV	4.87986G	55.97	62.20	-6.23	Horizontal

Result

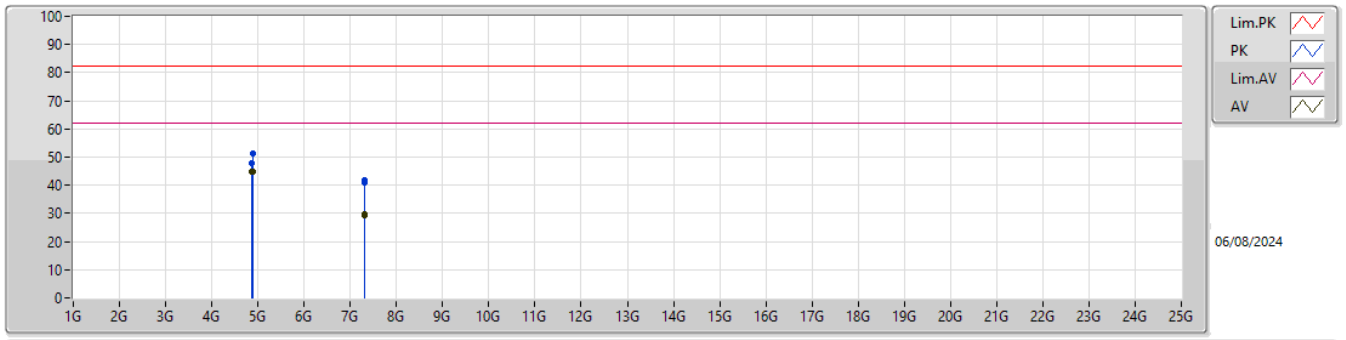
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87394G	42.43	62.20	-19.77	3	Vertical	168	1.30	-
Mode 1	Pass	AV	4.87993G	35.20	62.20	-27.00	3	Vertical	322	1.56	-
Mode 1	Pass	AV	7.31251G	29.35	62.20	-32.85	3	Vertical	211	1.72	-
Mode 1	Pass	AV	7.32053G	29.62	62.20	-32.58	3	Vertical	52	2.06	-
Mode 1	Pass	PK	4.87392G	46.53	82.20	-35.67	3	Vertical	168	1.30	-
Mode 1	Pass	PK	4.87938G	44.97	82.20	-37.23	3	Vertical	322	1.56	-
Mode 1	Pass	PK	7.3121G	42.08	82.20	-40.12	3	Vertical	211	1.72	-
Mode 1	Pass	PK	7.32193G	42.34	82.20	-39.86	3	Vertical	52	2.06	-
Mode 1	Pass	AV	4.87396G	44.82	62.20	-17.38	3	Horizontal	300	1.50	-
Mode 1	Pass	AV	4.88021G	45.01	62.20	-17.19	3	Horizontal	296	2.99	-
Mode 1	Pass	AV	7.31292G	29.51	62.20	-32.69	3	Horizontal	218	1.36	-
Mode 1	Pass	AV	7.31821G	29.72	62.20	-32.48	3	Horizontal	62	1.30	-
Mode 1	Pass	PK	4.87399G	47.79	82.20	-34.41	3	Horizontal	300	1.50	-
Mode 1	Pass	PK	4.8795G	51.08	82.20	-31.12	3	Horizontal	296	2.99	-
Mode 1	Pass	PK	7.3104G	41.07	82.20	-41.13	3	Horizontal	218	1.36	-
Mode 1	Pass	PK	7.3211G	41.90	82.20	-40.30	3	Horizontal	62	1.30	-
Mode 2	Pass	AV	4.87992G	47.08	62.20	-15.12	3	Vertical	25	1.44	-
Mode 2	Pass	AV	10.40132G	33.10	62.20	-29.10	3	Vertical	113	1.40	-
Mode 2	Pass	AV	15.5859G	34.52	62.20	-27.68	3	Vertical	336	2.90	-
Mode 2	Pass	PK	4.87945G	53.66	82.20	-28.54	3	Vertical	25	1.44	-
Mode 2	Pass	PK	10.39852G	44.89	82.20	-37.31	3	Vertical	113	1.40	-
Mode 2	Pass	PK	15.5916G	45.87	82.20	-36.33	3	Vertical	336	2.90	-
Mode 2	Pass	AV	4.87986G	55.97	62.20	-6.23	3	Horizontal	298	2.26	-
Mode 2	Pass	AV	10.40001G	32.48	62.20	-29.72	3	Horizontal	217	2.26	-
Mode 2	Pass	AV	15.58662G	34.36	62.20	-27.84	3	Horizontal	270	1.50	-
Mode 2	Pass	PK	4.8795G	62.31	82.20	-19.89	3	Horizontal	298	2.26	-
Mode 2	Pass	PK	10.40176G	44.42	82.20	-37.78	3	Horizontal	217	2.26	-
Mode 2	Pass	PK	15.58767G	46.54	82.20	-35.66	3	Horizontal	270	1.50	-

Radiated Emissions above 1GHz_Mode 1



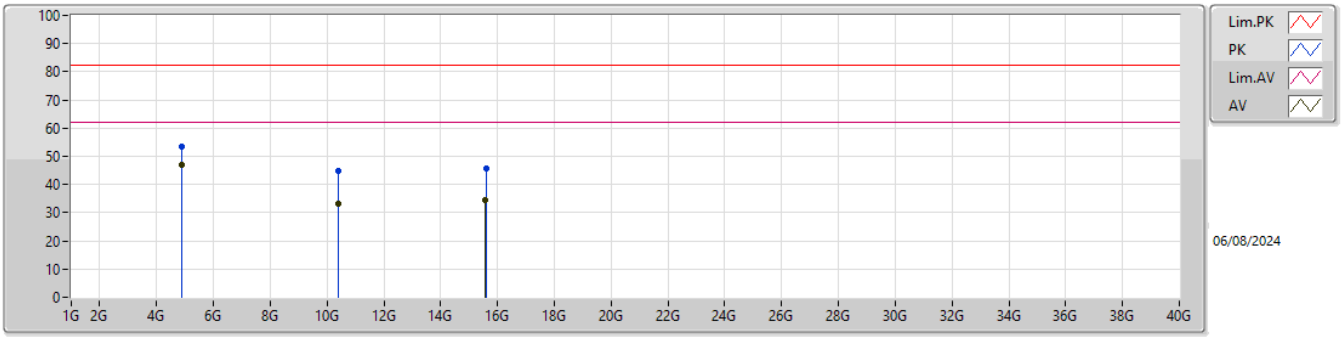
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV)	(dB/m)	(dB)	(dB)
AV	4.87394G	42.43	62.20	-19.77	-5.44	3	Vertical	168	1.30	47.87	32.50	6.59	44.53
AV	4.87993G	35.20	62.20	-27.00	-5.43	3	Vertical	322	1.56	40.63	32.52	6.59	44.54
AV	7.31251G	29.35	62.20	-32.85	0.16	3	Vertical	211	1.72	29.19	36.65	8.30	44.79
AV	7.32053G	29.62	62.20	-32.58	0.13	3	Vertical	52	2.06	29.49	36.62	8.30	44.79
PK	4.87392G	46.53	82.20	-35.67	-5.44	3	Vertical	168	1.30	51.97	32.50	6.59	44.53
PK	4.87938G	44.97	82.20	-37.23	-5.43	3	Vertical	322	1.56	50.40	32.52	6.59	44.54
PK	7.3121G	42.08	82.20	-40.12	0.16	3	Vertical	211	1.72	41.92	36.65	8.30	44.79
PK	7.32193G	42.34	82.20	-39.86	0.12	3	Vertical	52	2.06	42.22	36.61	8.30	44.79

Radiated Emissions above 1GHz_Mode 1



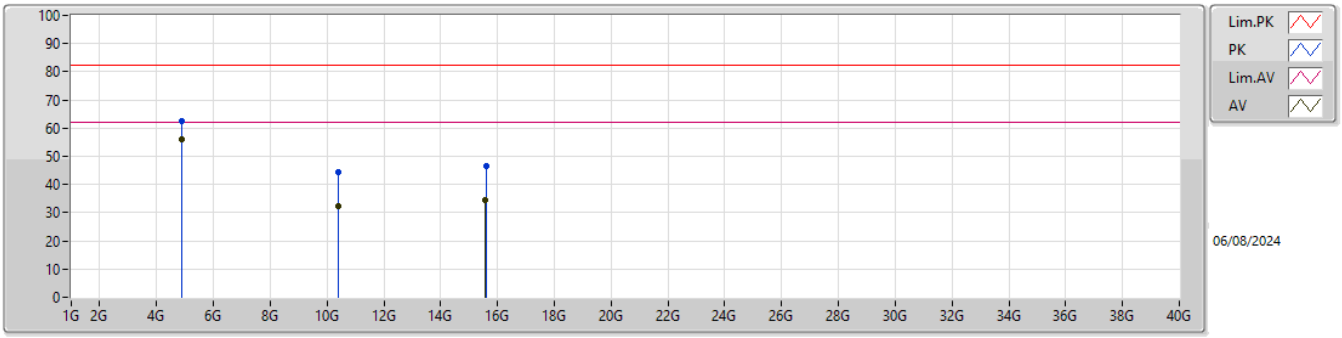
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV)	(dB/m)	(dB)	(dB)
AV	4.87396G	44.82	62.20	-17.38	-5.44	3	Horizontal	300	1.50	50.26	32.50	6.59	44.53
AV	4.88021G	45.01	62.20	-17.19	-5.43	3	Horizontal	296	2.99	50.44	32.52	6.59	44.54
AV	7.31292G	29.51	62.20	-32.69	0.16	3	Horizontal	218	1.36	29.35	36.65	8.30	44.79
AV	7.31821G	29.72	62.20	-32.48	0.14	3	Horizontal	62	1.30	29.58	36.63	8.30	44.79
PK	4.87399G	47.79	82.20	-34.41	-5.44	3	Horizontal	300	1.50	53.23	32.50	6.59	44.53
PK	4.8795G	51.08	82.20	-31.12	-5.43	3	Horizontal	296	2.99	56.51	32.52	6.59	44.54
PK	7.3104G	41.07	82.20	-41.13	0.16	3	Horizontal	218	1.36	40.91	36.66	8.29	44.79
PK	7.3211G	41.90	82.20	-40.30	0.13	3	Horizontal	62	1.30	41.77	36.62	8.30	44.79

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV)	(dB/m)	(dB)	(dB)
AV	4.87992G	47.08	62.20	-15.12	-5.43	3	Vertical	25	1.44	52.51	32.52	6.59	44.54
AV	10.40132G	33.10	62.20	-29.10	5.88	3	Vertical	113	1.40	27.22	38.60	10.34	43.06
AV	15.5859G	34.52	62.20	-27.68	7.27	3	Vertical	336	2.90	27.25	38.03	13.04	43.80
PK	4.87945G	53.66	82.20	-28.54	-5.43	3	Vertical	25	1.44	59.09	32.52	6.59	44.54
PK	10.39852G	44.89	82.20	-37.31	5.88	3	Vertical	113	1.40	39.01	38.60	10.34	43.06
PK	15.5916G	45.87	82.20	-36.33	7.26	3	Vertical	336	2.90	38.61	38.02	13.04	43.80

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV)	(dB/m)	(dB)	(dB)
AV	4.87986G	55.97	62.20	-6.23	-5.43	3	Horizontal	298	2.26	61.40	32.52	6.59	44.54
AV	10.40001G	32.48	62.20	-29.72	5.88	3	Horizontal	217	2.26	26.60	38.60	10.34	43.06
AV	15.58662G	34.36	62.20	-27.84	7.27	3	Horizontal	270	1.50	27.09	38.03	13.04	43.80
PK	4.8795G	62.31	82.20	-19.89	-5.43	3	Horizontal	298	2.26	67.74	32.52	6.59	44.54
PK	10.40176G	44.42	82.20	-37.78	5.88	3	Horizontal	217	2.26	38.54	38.60	10.34	43.06
PK	15.58767G	46.54	82.20	-35.66	7.26	3	Horizontal	270	1.50	39.28	38.02	13.04	43.80