



FCC Radio Test Report

FCC ID : YL6-143430132S
Equipment : Wireless Module
Brand Name : ALARM.COM
Model Name : 143430132S
Applicant : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100,
Tysons, VA 22102 United States
Manufacturer : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100,
Tysons, VA 22102 United States
Standard : 47 CFR FCC Part 15.247

The product was received on Jul. 25, 2025, and testing was started from Jul. 25, 2025 and completed on Oct. 10, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	7
1.3 Testing Location Information	7
1.4 Measurement Uncertainty	7
2 TEST CONFIGURATION OF EUT.....	8
2.1 Test Channel Mode	8
2.2 The Worst Case Measurement Configuration.....	10
2.3 Support Equipment.....	11
2.4 Test Setup Diagram	12
3 TRANSMITTER TEST RESULT	13
3.1 AC Power-line Conducted Emissions	13
3.2 DTS Bandwidth.....	15
3.3 Maximum Conducted Output Power	16
3.4 Power Spectral Density	18
3.5 Emissions in Non-restricted Frequency Bands	19
3.6 Emissions in Restricted Frequency Bands.....	20
4 TEST EQUIPMENT AND CALIBRATION DATA.....	24
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX G TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

Report No.	Version	Description	Issued Date
FR580802AC	01	Initial issue of report	Oct. 23, 2025

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(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: Ben Tseng

Report Producer: Debby Hung

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]

Band	Mode	BWch	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

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support
1	0	INPAQ	RFFPA351905IMLB301	PIFA	I-Pex	2.4G+5G+BT
2	1	INPAQ	RFFPA321405IMLB304	PIFA	I-Pex	2.4G+5G
3	0/1	INPAQ	RFMTA401025IMLB701	PIFA	I-Pex	2.4G+5G+BT
4	0/1	LITEON	20301-004790A000	Dipole	I-Pex	2.4G+5G+BT

Ant.	Port	Gain (dBi)					
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	BT
1	0	2.62	2.65	3.23	2.91	3.54	2.62
2	1	2.70	2.38	2.62	2.84	2.89	-
3	0/1	3.68	4.26	4.45	4.97	4.85	3.68
4	0/1	3.53	4.32	4.59	4.62	4.74	3.53

Note 1: The EUT has four antennas.

Note 2: EUT can match with above antennas for using. The highest gain in each type of antenna was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

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

Ant. 1, Ant. 2, Ant. 3 and Ant. 4 could transmit/receive.

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

For BT function:

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

Ant. 1, Ant. 3 and Ant. 4 could transmit/receive.

For 5GHz function:

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

Ant. 1, Ant. 2, Ant. 3 and Ant. 4 could transmit/receive.

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

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

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX(Port1)	0.985	0.07	8.61m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX(Port1)	0.902	0.45	1.43m	1k
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	0.895	0.48	1.338m	1k

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024

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	Rian Chung	23.3~23.5°C / 55~60%	10/Oct/2025
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	23.4~23.9°C / 52~59%	28/Aug/2025~29/Aug/2025
Radiated	03CH25-HY	Rian Chung	22.1~23.2°C / 51~52%	25/Jul/2025~10/Oct/2025

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	PuTTY Release 0.72
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PIFA Antenna

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	Default
2417MHz	Default
2437MHz	Default
2457MHz	Default
2462MHz	Default
802.11g_Nss1,(6Mbps)_1TX(Port1)	-
2412MHz	Default
2417MHz	Default
2437MHz	Default
2457MHz	Default
2462MHz	Default
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-
2412MHz	Default
2417MHz	Default
2437MHz	Default
2457MHz	Default
2462MHz	Default

**Dipole Antenna**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	Default
2417MHz	Default
2437MHz	Default
2457MHz	Default
2462MHz	Default
802.11g_Nss1,(6Mbps)_1TX(Port1)	-
2412MHz	Default
2417MHz	Default
2437MHz	Default
2457MHz	Default
2462MHz	Default
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-
2412MHz	Default
2417MHz	Default
2437MHz	Default
2457MHz	Default
2462MHz	Default

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

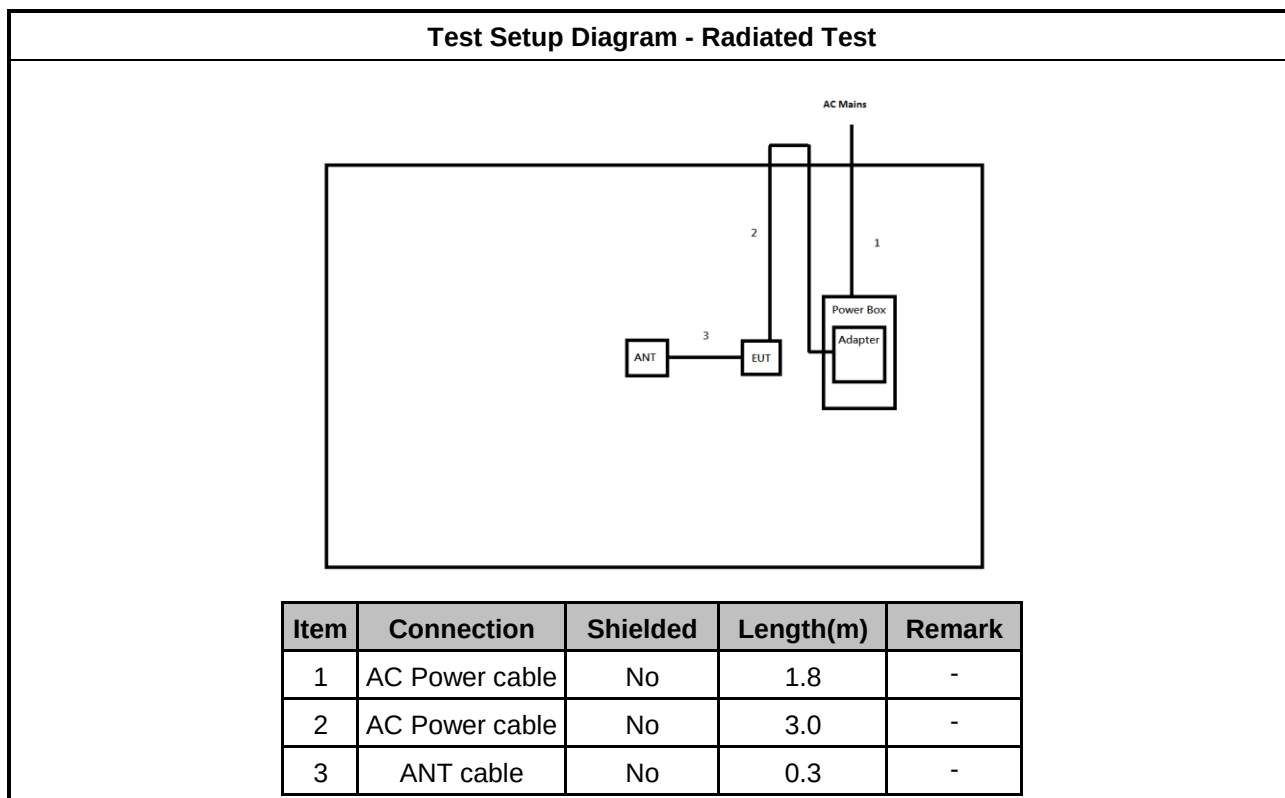
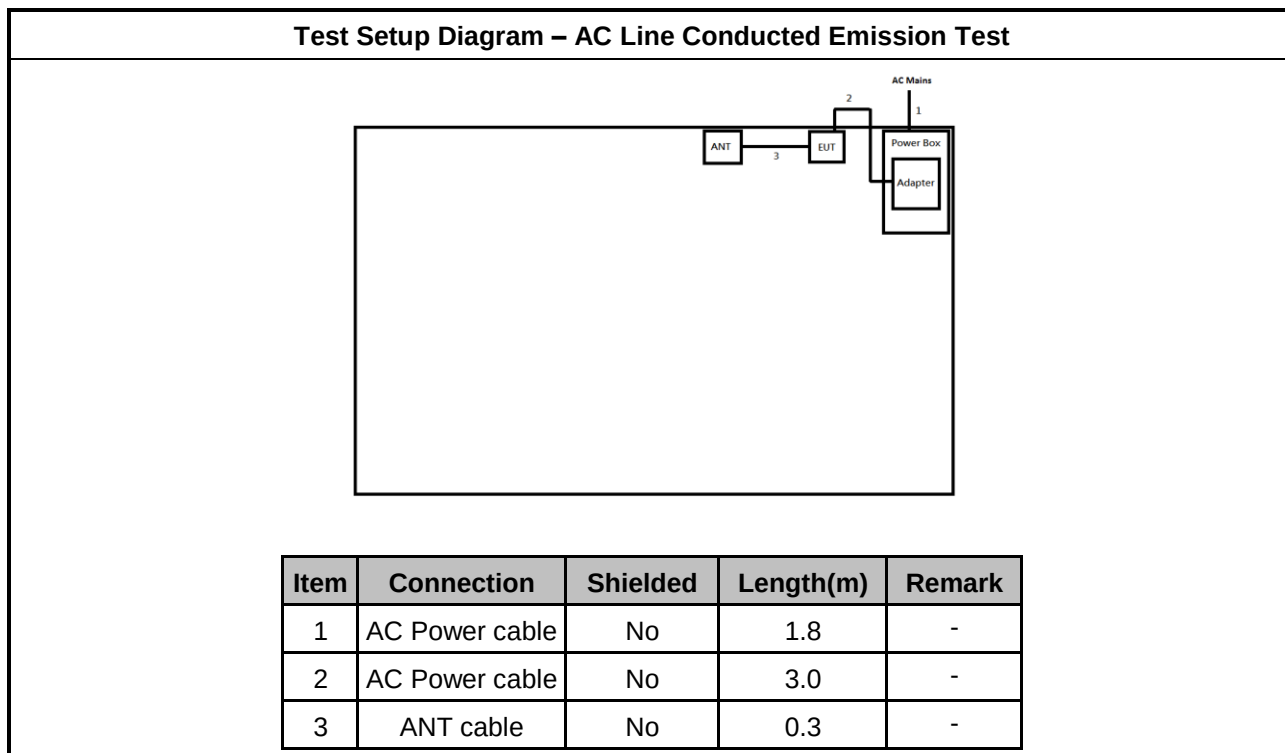
2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	PYS	PYS-12UP120100U	-	-
2	AC Power cable	Power sync	PW-GPC180-3	-	-
3	PIFA Antenna	INPAQ	RFMTA401025IMLB701	-	-
4	Dipole Antenna	LITEON	20301-004790A000	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Adapter	PYS	PYS-12UP120100U	-	-
4	PIFA Antenna	INPAQ	RFFPA321405IMLB304	-	-
5	PIFA Antenna	INPAQ	RFFPA351905IMLB301	-	-
6	PIFA Antenna	INPAQ	RFMTA401025IMLB701	-	-
7	Dipole Antenna	LITEON	20301-004790A000	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	PYS	PYS-12UP120100U	-	-
2	AC Power cable	Power sync	PW-GPC180-3	-	-
3	PIFA Antenna	INPAQ	RFMTA401025IMLB701	-	-
4	Dipole Antenna	LITEON	20301-004790A000	-	-

2.4 Test Setup Diagram



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

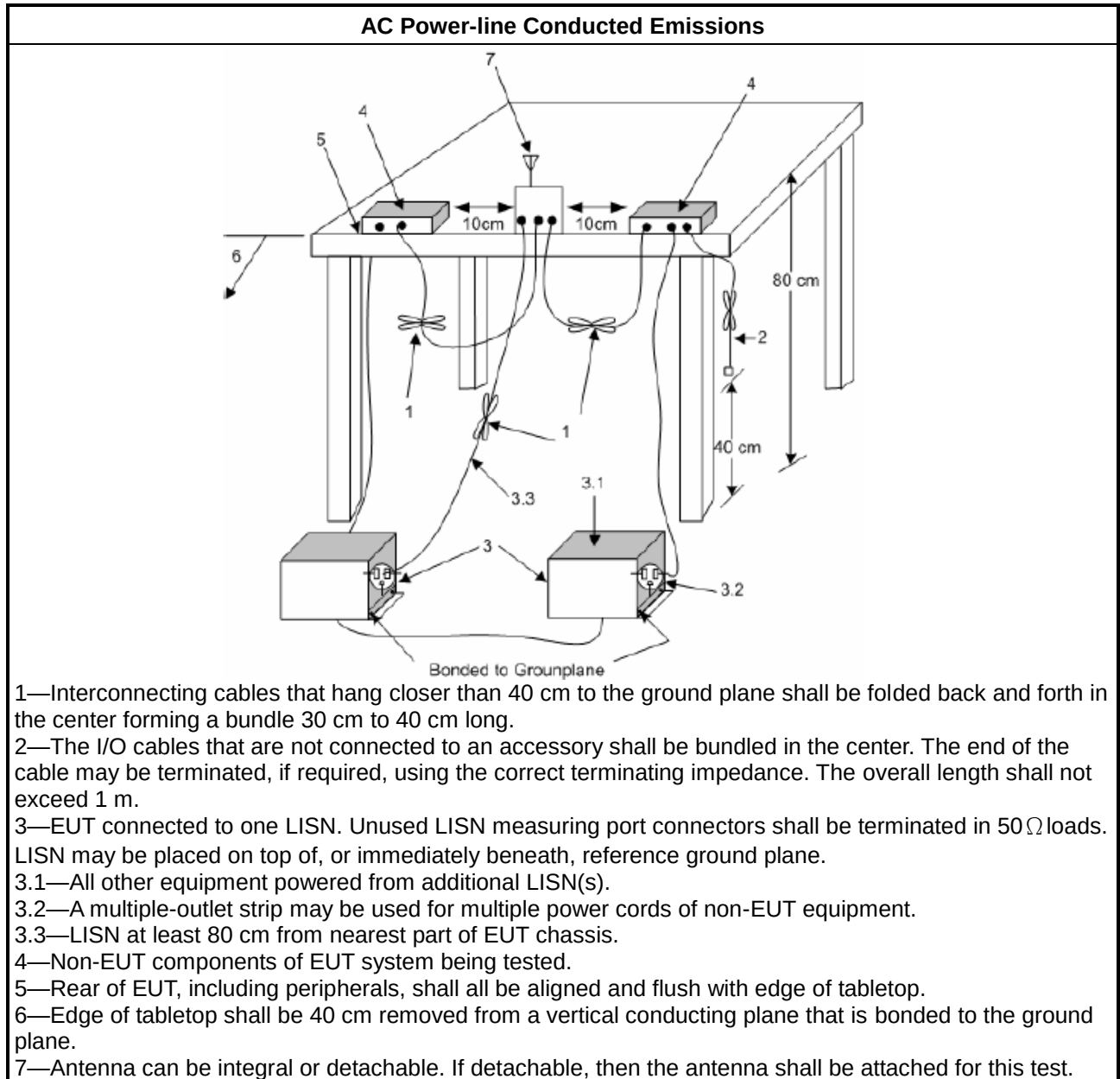
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

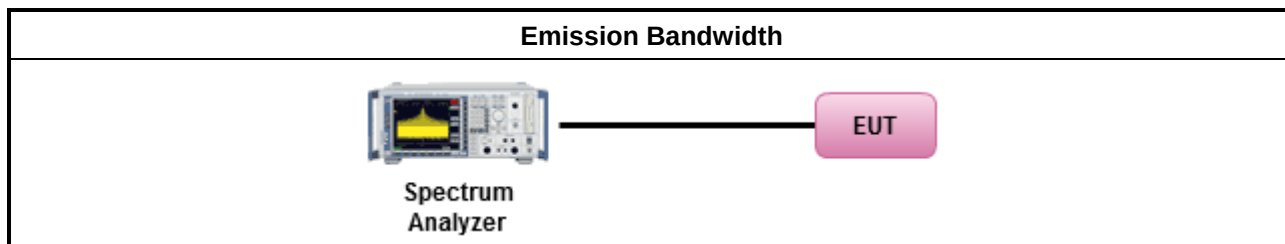
3.2.2 Measuring Instruments

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



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 $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ 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 $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dBm
e.i.r.p. Power Limit:	
	2400-2483.5 MHz Band
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	Smart antenna system (SAS)
	- Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ 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.	

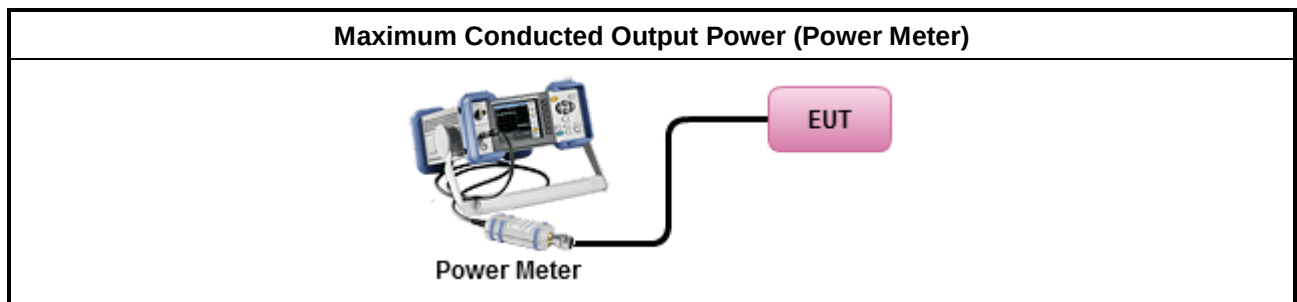
3.3.2 Measuring Instruments

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 integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.2 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

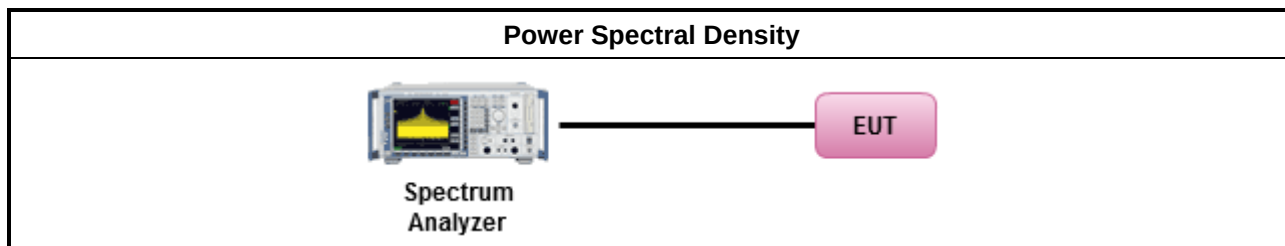
3.4.2 Measuring Instruments

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



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.	

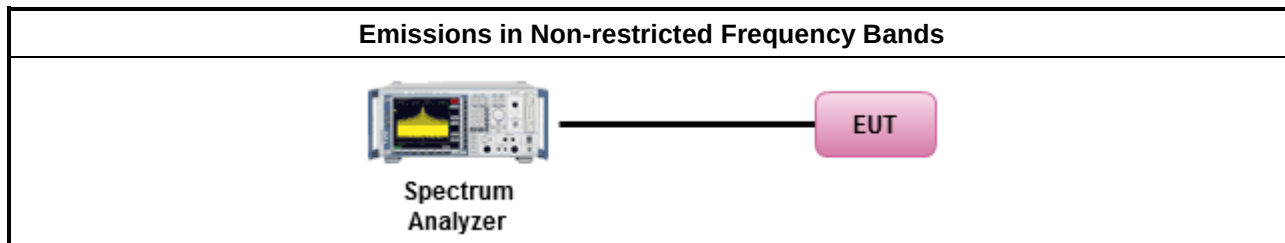
3.5.2 Measuring Instruments

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



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

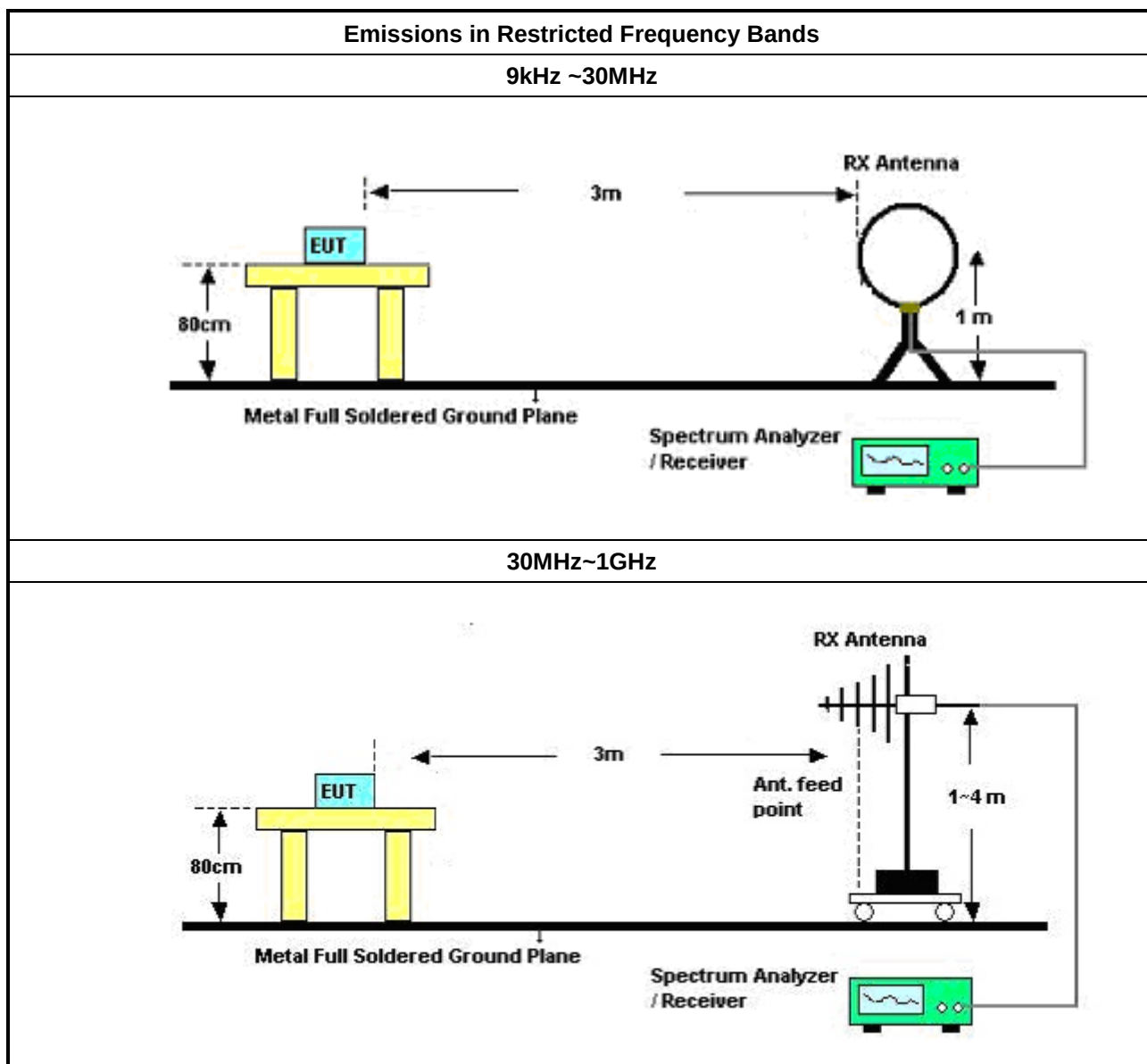
Test Method	
▪	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted 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 $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
	KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
▪	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

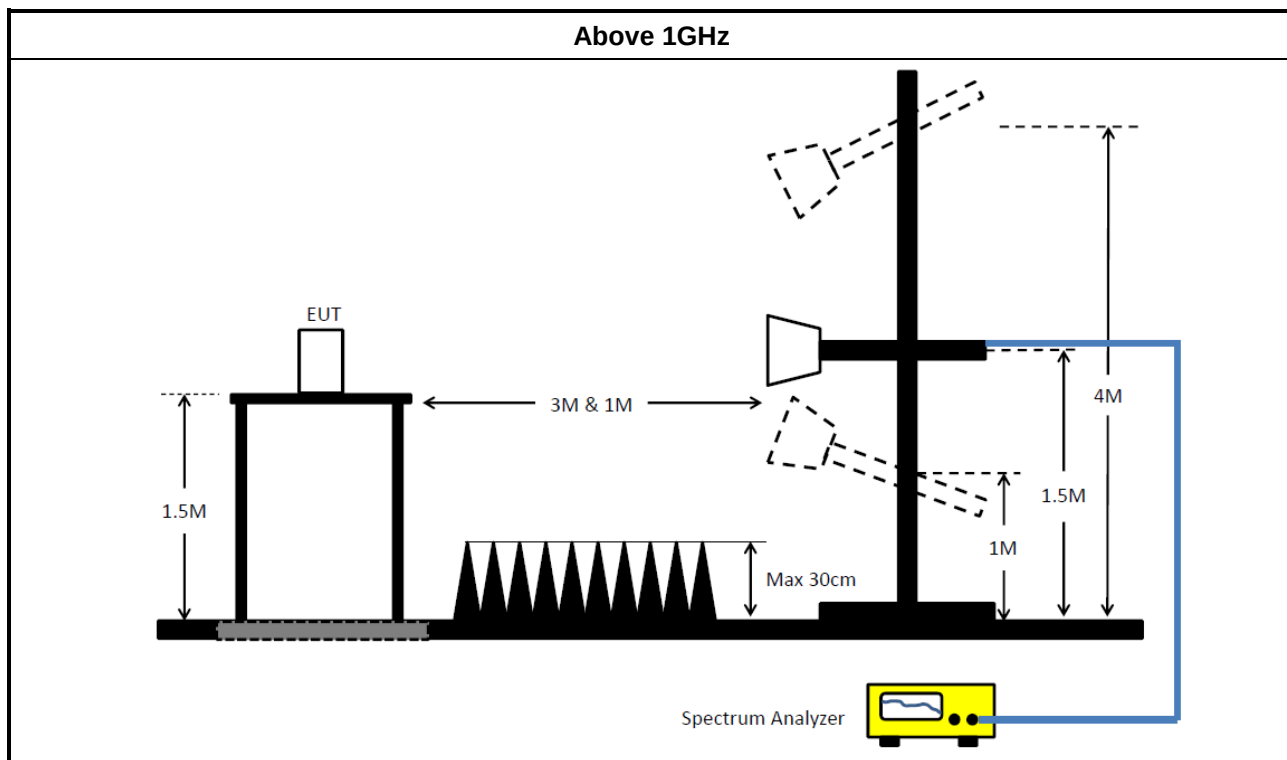
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	18/Jul/2025	17/Jul/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	07/Aug/2025	06/Aug/2026
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	23/May/2025	22/May/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	23/Apr/2025	22/Apr/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15247-DTS	Sporton	V5.11.24	NA	NA	NA	NA

**Instrument for Conducted Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15247_DTS	Sporton	V5.11.27	N/A	N/A	N/A	N/A



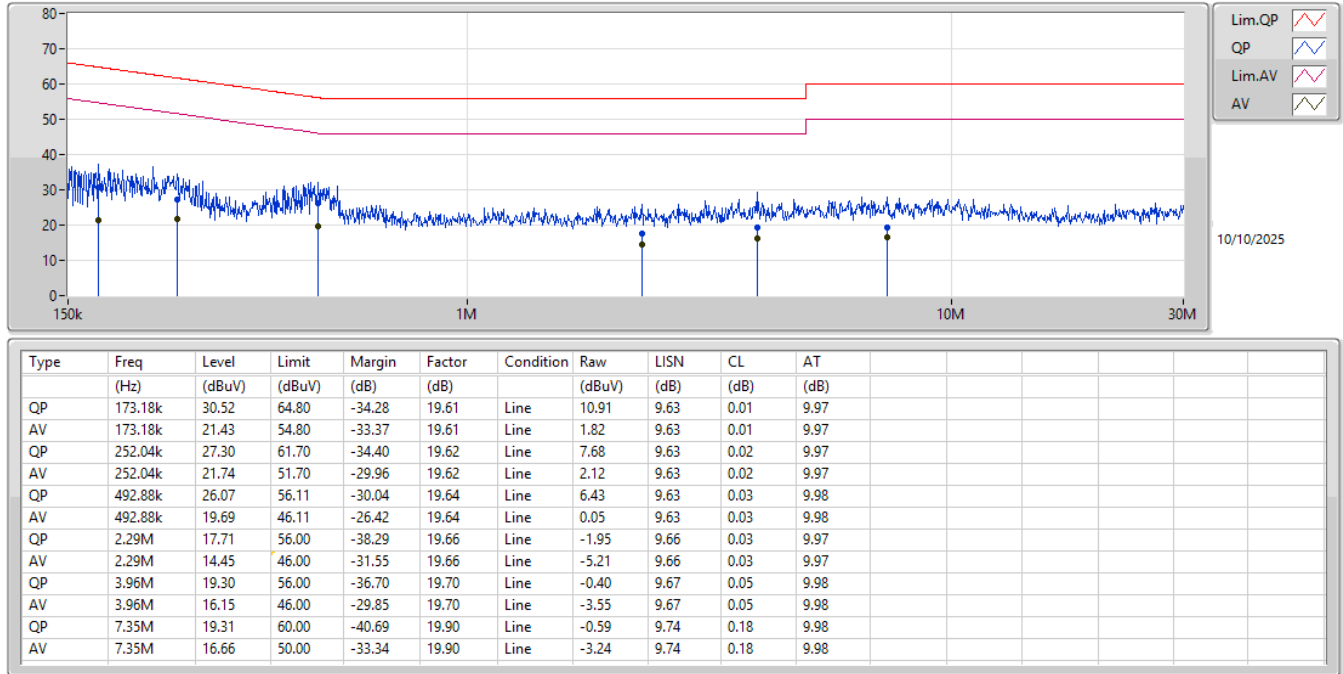
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	504.82k	32.14	46.00	-13.86	Neutral

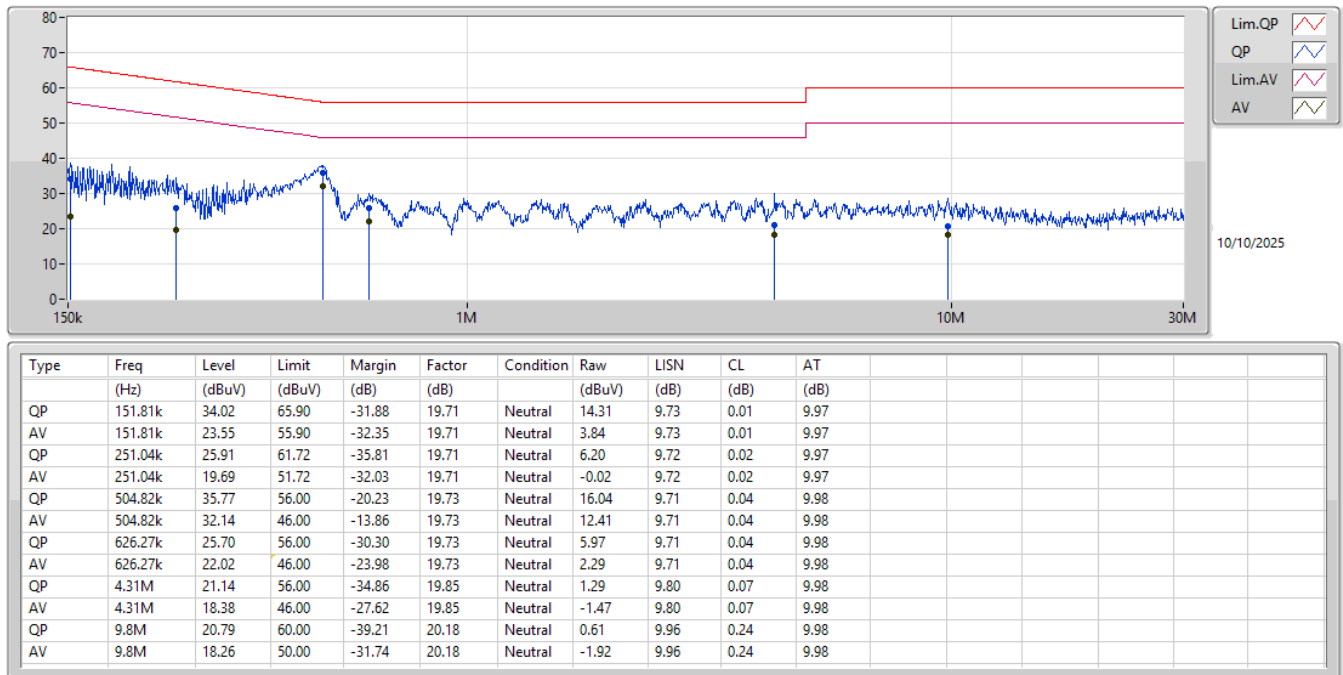
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	173.18k	30.52	64.80	-34.28	Line
Mode 1	Pass	AV	173.18k	21.43	54.80	-33.37	Line
Mode 1	Pass	QP	252.04k	27.30	61.70	-34.40	Line
Mode 1	Pass	AV	252.04k	21.74	51.70	-29.96	Line
Mode 1	Pass	QP	492.88k	26.07	56.11	-30.04	Line
Mode 1	Pass	AV	492.88k	19.69	46.11	-26.42	Line
Mode 1	Pass	QP	2.29M	17.71	56.00	-38.29	Line
Mode 1	Pass	AV	2.29M	14.45	46.00	-31.55	Line
Mode 1	Pass	QP	3.96M	19.30	56.00	-36.70	Line
Mode 1	Pass	AV	3.96M	16.15	46.00	-29.85	Line
Mode 1	Pass	QP	7.35M	19.31	60.00	-40.69	Line
Mode 1	Pass	AV	7.35M	16.66	50.00	-33.34	Line
Mode 1	Pass	QP	151.81k	34.02	65.90	-31.88	Neutral
Mode 1	Pass	AV	151.81k	23.55	55.90	-32.35	Neutral
Mode 1	Pass	QP	251.04k	25.91	61.72	-35.81	Neutral
Mode 1	Pass	AV	251.04k	19.69	51.72	-32.03	Neutral
Mode 1	Pass	QP	504.82k	35.77	56.00	-20.23	Neutral
Mode 1	Pass	AV	504.82k	32.14	46.00	-13.86	Neutral
Mode 1	Pass	QP	626.27k	25.70	56.00	-30.30	Neutral
Mode 1	Pass	AV	626.27k	22.02	46.00	-23.98	Neutral
Mode 1	Pass	QP	4.31M	21.14	56.00	-34.86	Neutral
Mode 1	Pass	AV	4.31M	18.38	46.00	-27.62	Neutral
Mode 1	Pass	QP	9.8M	20.79	60.00	-39.21	Neutral
Mode 1	Pass	AV	9.8M	18.26	50.00	-31.74	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





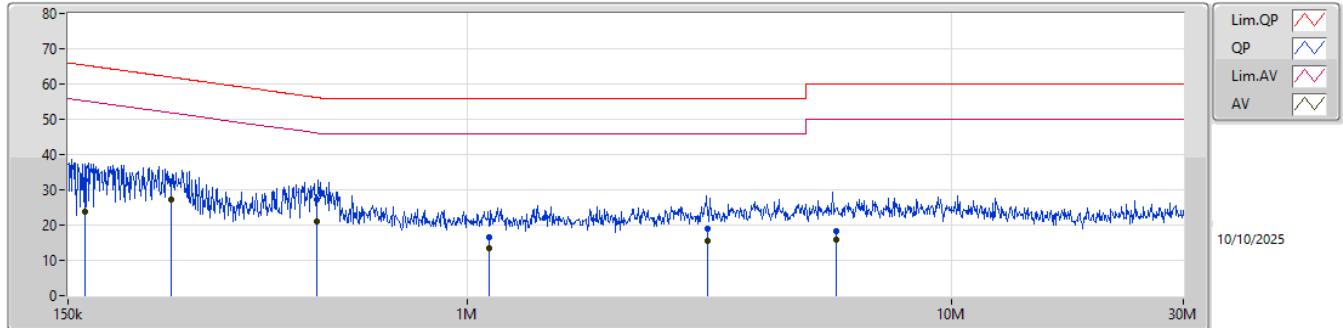
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	498.334k	33.05	46.02	-12.97	Neutral

Result

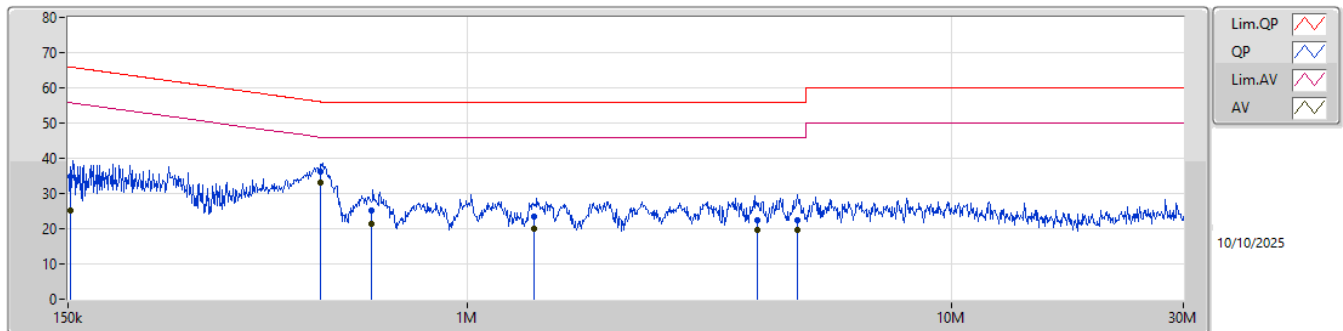
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	162.62k	32.59	65.33	-32.74	Line
Mode 1	Pass	AV	162.62k	23.68	55.33	-31.65	Line
Mode 1	Pass	QP	245.021k	32.49	61.93	-29.44	Line
Mode 1	Pass	AV	245.021k	27.08	51.93	-24.85	Line
Mode 1	Pass	QP	488.286k	27.23	56.19	-28.96	Line
Mode 1	Pass	AV	488.286k	21.06	46.19	-25.13	Line
Mode 1	Pass	QP	1.109M	16.57	56.00	-39.43	Line
Mode 1	Pass	AV	1.109M	13.61	46.00	-32.39	Line
Mode 1	Pass	QP	3.125M	19.02	56.00	-36.98	Line
Mode 1	Pass	AV	3.125M	15.60	46.00	-30.40	Line
Mode 1	Pass	QP	5.771M	18.17	60.00	-41.83	Line
Mode 1	Pass	AV	5.771M	15.80	50.00	-34.20	Line
Mode 1	Pass	QP	151.75k	34.81	65.90	-31.09	Neutral
Mode 1	Pass	AV	151.75k	25.18	55.90	-30.72	Neutral
Mode 1	Pass	QP	498.334k	36.31	56.02	-19.71	Neutral
Mode 1	Pass	AV	498.334k	33.05	46.02	-12.97	Neutral
Mode 1	Pass	QP	633.204k	25.26	56.00	-30.74	Neutral
Mode 1	Pass	AV	633.204k	21.21	46.00	-24.79	Neutral
Mode 1	Pass	QP	1.372M	23.44	56.00	-32.56	Neutral
Mode 1	Pass	AV	1.372M	19.87	46.00	-26.13	Neutral
Mode 1	Pass	QP	3.961M	22.37	56.00	-33.63	Neutral
Mode 1	Pass	AV	3.961M	19.52	46.00	-26.48	Neutral
Mode 1	Pass	QP	4.803M	22.52	56.00	-33.48	Neutral
Mode 1	Pass	AV	4.803M	19.70	46.00	-26.30	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	162.62k	32.59	65.33	-32.74	19.61	Line	12.98	9.63	0.01	9.97								
AV	162.62k	23.68	55.33	-31.65	19.61	Line	4.07	9.63	0.01	9.97								
QP	245.021k	32.49	61.93	-29.44	19.62	Line	12.87	9.63	0.02	9.97								
AV	245.021k	27.08	51.93	-24.85	19.62	Line	7.46	9.63	0.02	9.97								
QP	488.286k	27.23	56.19	-28.96	19.64	Line	7.59	9.63	0.03	9.98								
AV	488.286k	21.06	46.19	-25.13	19.64	Line	1.42	9.63	0.03	9.98								
QP	1.109M	16.57	56.00	-39.43	19.67	Line	-3.10	9.64	0.05	9.98								
AV	1.109M	13.61	46.00	-32.39	19.67	Line	-6.06	9.64	0.05	9.98								
QP	3.125M	19.02	56.00	-36.98	19.69	Line	-0.67	9.67	0.04	9.98								
AV	3.125M	15.60	46.00	-30.40	19.69	Line	-4.09	9.67	0.04	9.98								
QP	5.771M	18.17	60.00	-41.83	19.82	Line	-1.65	9.71	0.13	9.98								
AV	5.771M	15.80	50.00	-34.20	19.82	Line	-4.02	9.71	0.13	9.98								

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	151.75k	34.81	65.90	-31.09	19.71	Neutral	15.10	9.73	0.01	9.97								
AV	151.75k	25.18	55.90	-30.72	19.71	Neutral	5.47	9.73	0.01	9.97								
QP	498.334k	36.31	56.02	-19.71	19.72	Neutral	16.59	9.71	0.03	9.98								
AV	498.334k	33.05	46.02	-12.97	19.72	Neutral	13.33	9.71	0.03	9.98								
QP	633.204k	25.26	56.00	-30.74	19.74	Neutral	5.52	9.72	0.04	9.98								
AV	633.204k	21.21	46.00	-24.79	19.74	Neutral	1.47	9.72	0.04	9.98								
QP	1.372M	23.44	56.00	-32.56	19.75	Neutral	3.69	9.73	0.04	9.98								
AV	1.372M	19.87	46.00	-26.13	19.75	Neutral	0.12	9.73	0.04	9.98								
QP	3.961M	22.37	56.00	-33.63	19.82	Neutral	2.55	9.79	0.05	9.98								
AV	3.961M	19.52	46.00	-26.48	19.82	Neutral	-0.30	9.79	0.05	9.98								
QP	4.803M	22.52	56.00	-33.48	19.89	Neutral	2.63	9.82	0.09	9.98								
AV	4.803M	19.70	46.00	-26.30	19.89	Neutral	-0.19	9.82	0.09	9.98								

**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(Port1)	9.24M	11.929M	11M9G1D	9.185M	11.599M
802.11g_Nss1,(6Mbps)_1TX(Port1)	16.17M	17.481M	17M5D1D	15.895M	16.877M
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	17.105M	18.526M	18M5D1D	16.61M	17.976M

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

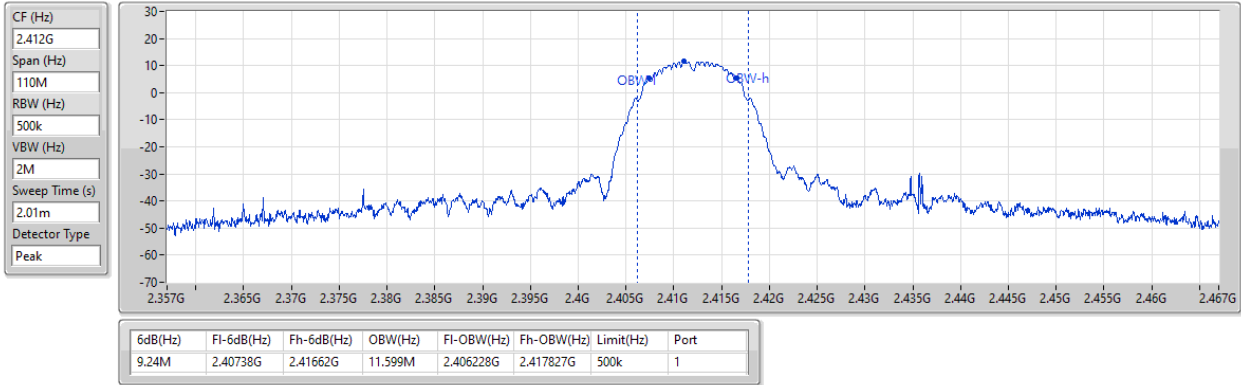
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	9.24M	11.599M
2437MHz	Pass	500k	9.185M	11.929M
2462MHz	Pass	500k	9.24M	11.599M
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	16.06M	16.877M
2437MHz	Pass	500k	15.895M	17.481M
2462MHz	Pass	500k	16.17M	16.932M
802.11n_HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	17.105M	17.976M
2437MHz	Pass	500k	16.885M	18.526M
2462MHz	Pass	500k	16.61M	17.976M

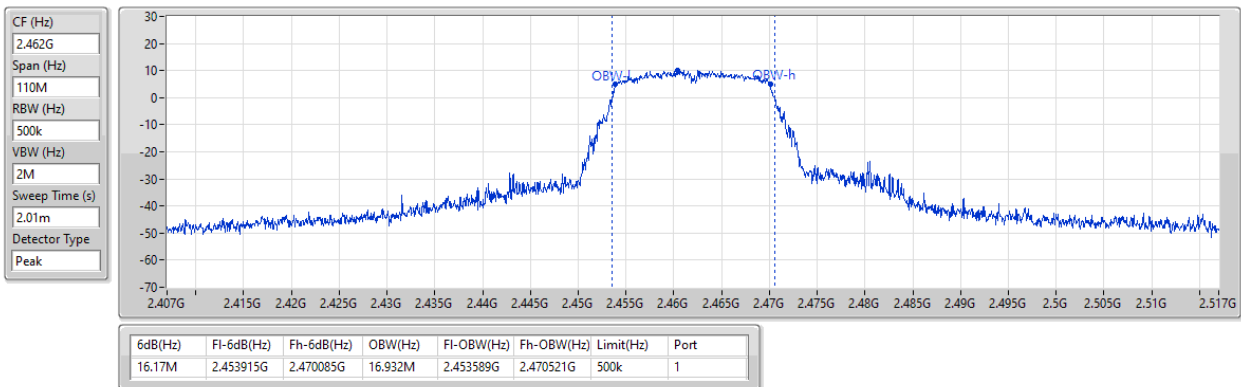
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)
EBW
2412MHz

28/08/2025


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)
EBW
2462MHz

28/08/2025



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

2412MHz

28/08/2025

CF (Hz)
2.412G

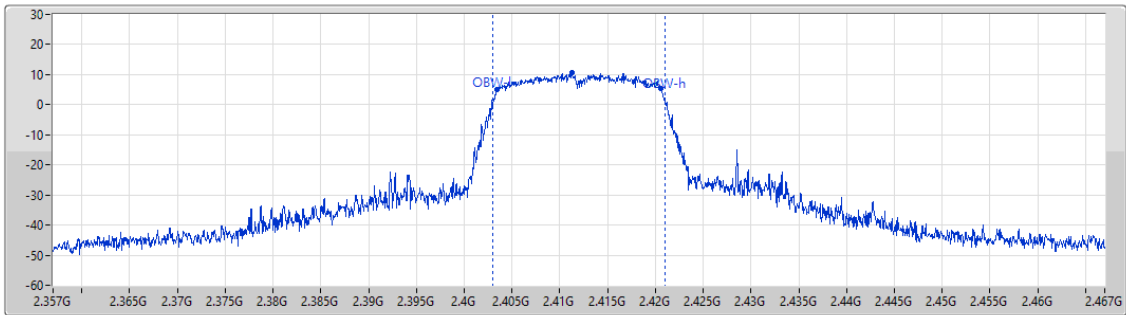
Span (Hz)
110M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.105M	2.403475G	2.42058G	17.976M	2.403039G	2.421015G	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(Port1)	9.185M	11.929M	11M9G1D	9.13M	11.489M
802.11g_Nss1,(6Mbps)_1TX(Port1)	16.115M	17.481M	17M5D1D	15.895M	16.822M
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	17.16M	18.526M	18M5D1D	16.885M	17.866M

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(Port1)	-	-	-	-
2412MHz	Pass	500k	9.185M	11.544M
2437MHz	Pass	500k	9.185M	11.929M
2462MHz	Pass	500k	9.13M	11.489M
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	16.115M	16.822M
2437MHz	Pass	500k	15.895M	17.481M
2462MHz	Pass	500k	16.115M	16.987M
802.11n_HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
2412MHz	Pass	500k	16.94M	17.866M
2437MHz	Pass	500k	16.885M	18.526M
2462MHz	Pass	500k	17.16M	17.866M

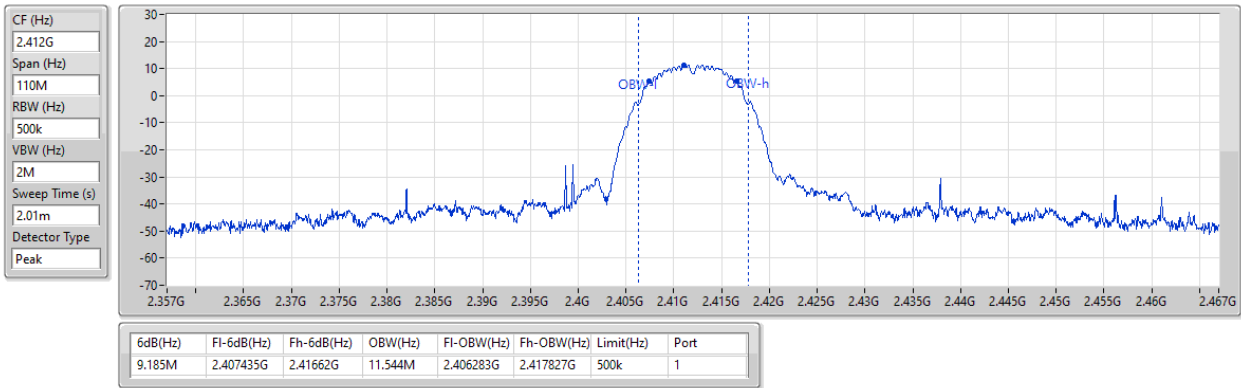
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

EBW

2412MHz

29/08/2025

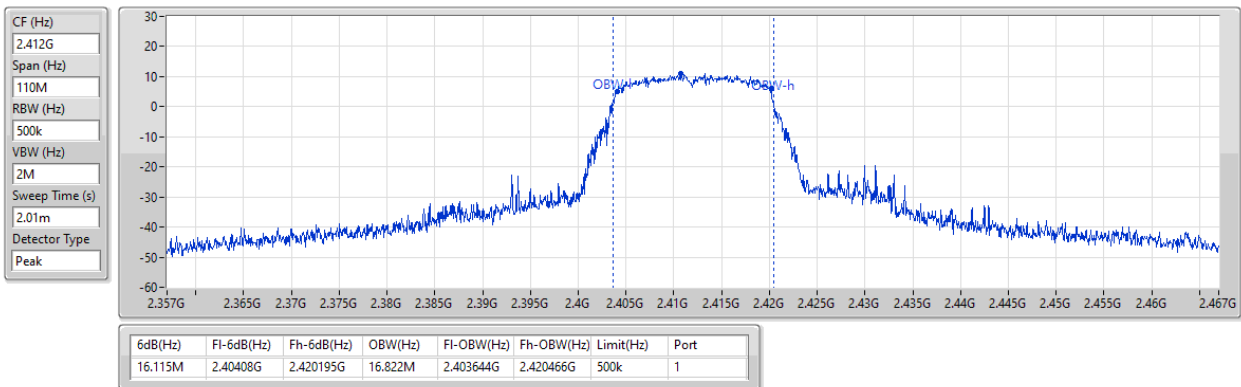


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

EBW

2412MHz

29/08/2025



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port1)

EBW

2462MHz

29/08/2025

CF (Hz)
2.462G

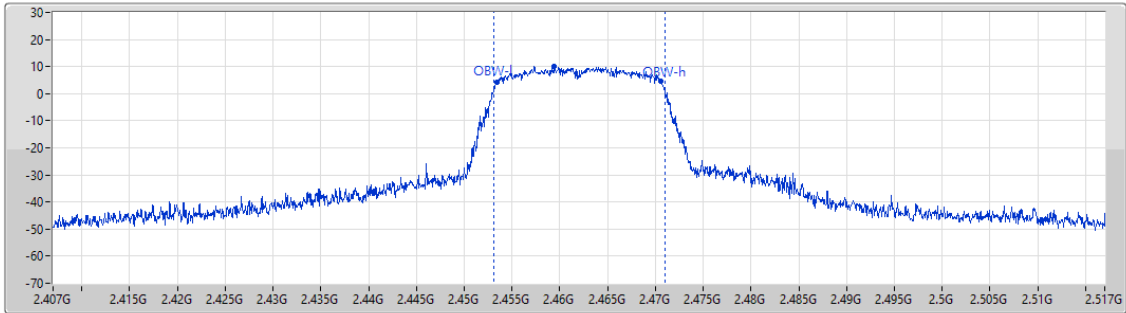
Span (Hz)
110M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.16M	2.45342G	2.47058G	17.866M	2.453094G	2.470961G	500k	1



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	20.98	0.12531
802.11g_Nss1,(6Mbps)_1TX(Port1)	19.81	0.09572
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	19.93	0.09840

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.68	19.51	19.51	30.00
2417MHz	Pass	3.68	20.19	20.19	30.00
2437MHz	Pass	3.68	20.98	20.98	30.00
2457MHz	Pass	3.68	19.78	19.78	30.00
2462MHz	Pass	3.68	19.54	19.54	30.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.68	18.09	18.09	30.00
2417MHz	Pass	3.68	18.17	18.17	30.00
2437MHz	Pass	3.68	19.81	19.81	30.00
2457MHz	Pass	3.68	17.94	17.94	30.00
2462MHz	Pass	3.68	16.97	16.97	30.00
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.68	17.52	17.52	30.00
2417MHz	Pass	3.68	18.25	18.25	30.00
2437MHz	Pass	3.68	19.93	19.93	30.00
2457MHz	Pass	3.68	17.71	17.71	30.00
2462MHz	Pass	3.68	15.95	15.95	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(Port1)	21.12	0.12942
802.11g_Nss1,(6Mbps)_1TX(Port1)	19.81	0.09572
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	19.93	0.09840

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.53	19.06	19.06	30.00
2417MHz	Pass	3.53	21.06	21.06	30.00
2437MHz	Pass	3.53	20.98	20.98	30.00
2457MHz	Pass	3.53	21.12	21.12	30.00
2462MHz	Pass	3.53	20.19	20.19	30.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.53	17.57	17.57	30.00
2417MHz	Pass	3.53	18.17	18.17	30.00
2437MHz	Pass	3.53	19.81	19.81	30.00
2457MHz	Pass	3.53	18.41	18.41	30.00
2462MHz	Pass	3.53	17.54	17.54	30.00
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.53	16.98	16.98	30.00
2417MHz	Pass	3.53	18.43	18.43	30.00
2437MHz	Pass	3.53	19.93	19.93	30.00
2457MHz	Pass	3.53	18.28	18.28	30.00
2462MHz	Pass	3.53	16.94	16.94	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(Port1)	-3.23
802.11g_Nss1,(6Mbps)_1TX(Port1)	-5.10
802.11n_HT20_Nss1,(MCS0)_1TX(Port1)	-6.16

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.68	-4.11	-4.11	8.00
2437MHz	Pass	3.68	-3.23	-3.23	8.00
2462MHz	Pass	3.68	-4.15	-4.15	8.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.68	-7.38	-7.38	8.00
2437MHz	Pass	3.68	-5.10	-5.10	8.00
2462MHz	Pass	3.68	-8.26	-8.26	8.00
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.68	-7.40	-7.40	8.00
2437MHz	Pass	3.68	-6.16	-6.16	8.00
2462MHz	Pass	3.68	-10.15	-10.15	8.00

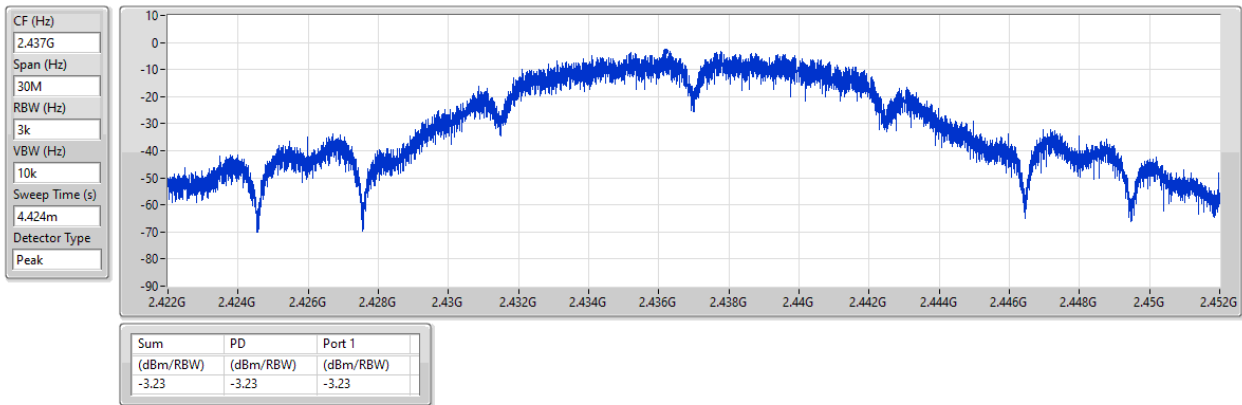
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2437MHz

28/08/2025

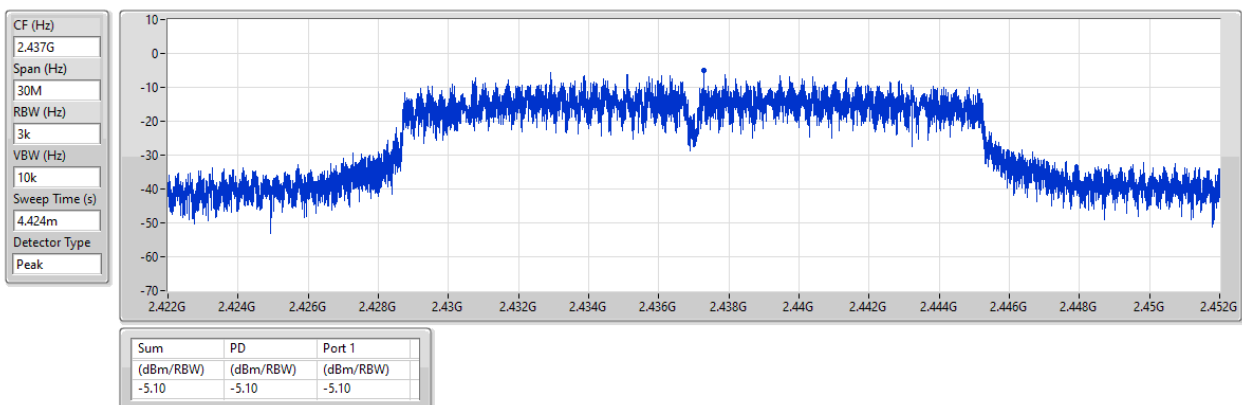


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2437MHz

28/08/2025

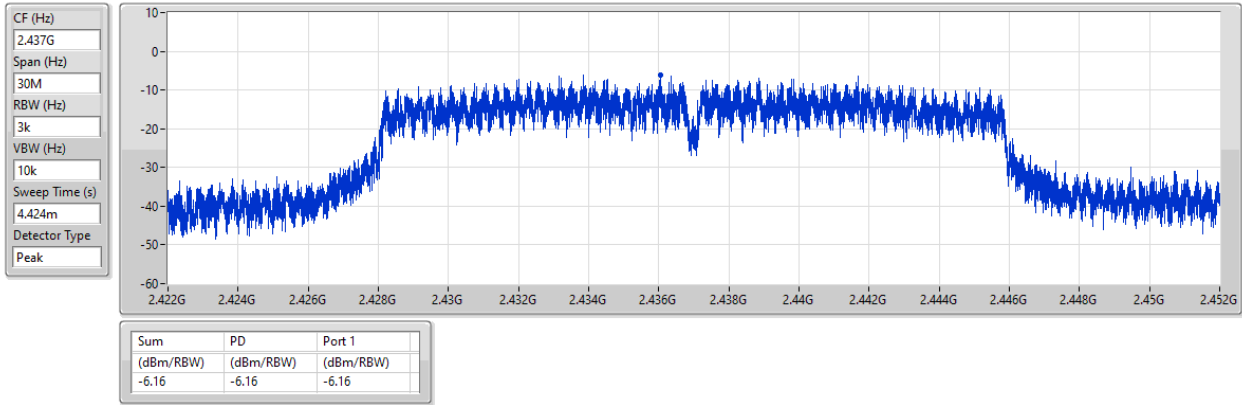


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port1)

PSD

2437MHz

28/08/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	-2.87
802.11g_Nss1,(6Mbps)_1TX(Port1)	-5.10
802.11n_HT20_Nss1,(MCS0)_1TX(Port1)	-6.16

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.53	-4.93	-4.93	8.00
2437MHz	Pass	3.53	-3.23	-3.23	8.00
2462MHz	Pass	3.53	-2.87	-2.87	8.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.53	-8.28	-8.28	8.00
2437MHz	Pass	3.53	-5.10	-5.10	8.00
2462MHz	Pass	3.53	-7.63	-7.63	8.00
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
2412MHz	Pass	3.53	-8.10	-8.10	8.00
2437MHz	Pass	3.53	-6.16	-6.16	8.00
2462MHz	Pass	3.53	-8.73	-8.73	8.00

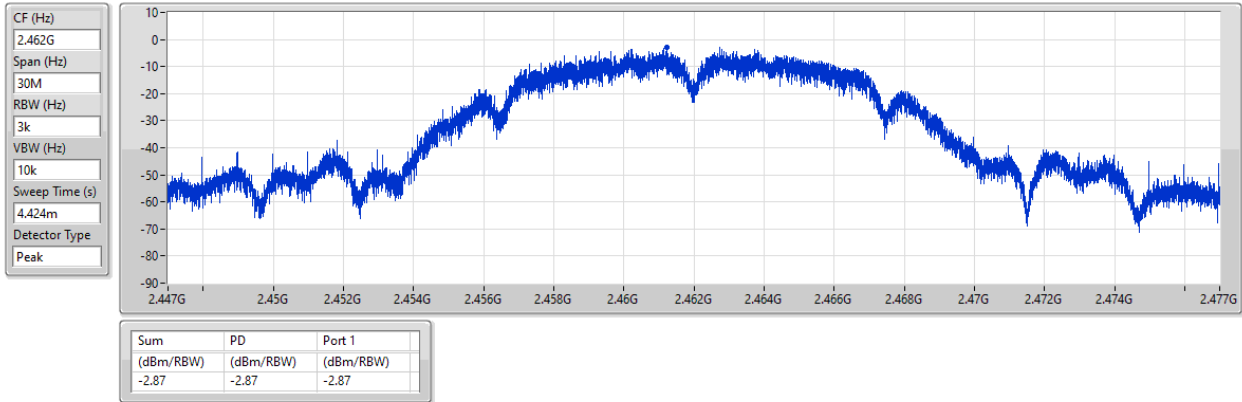
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

PSD

2462MHz

29/08/2025

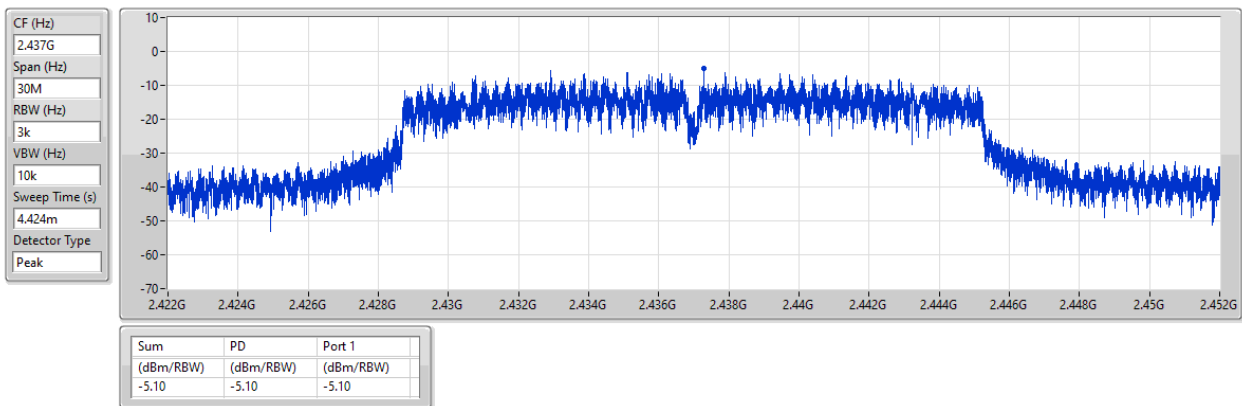


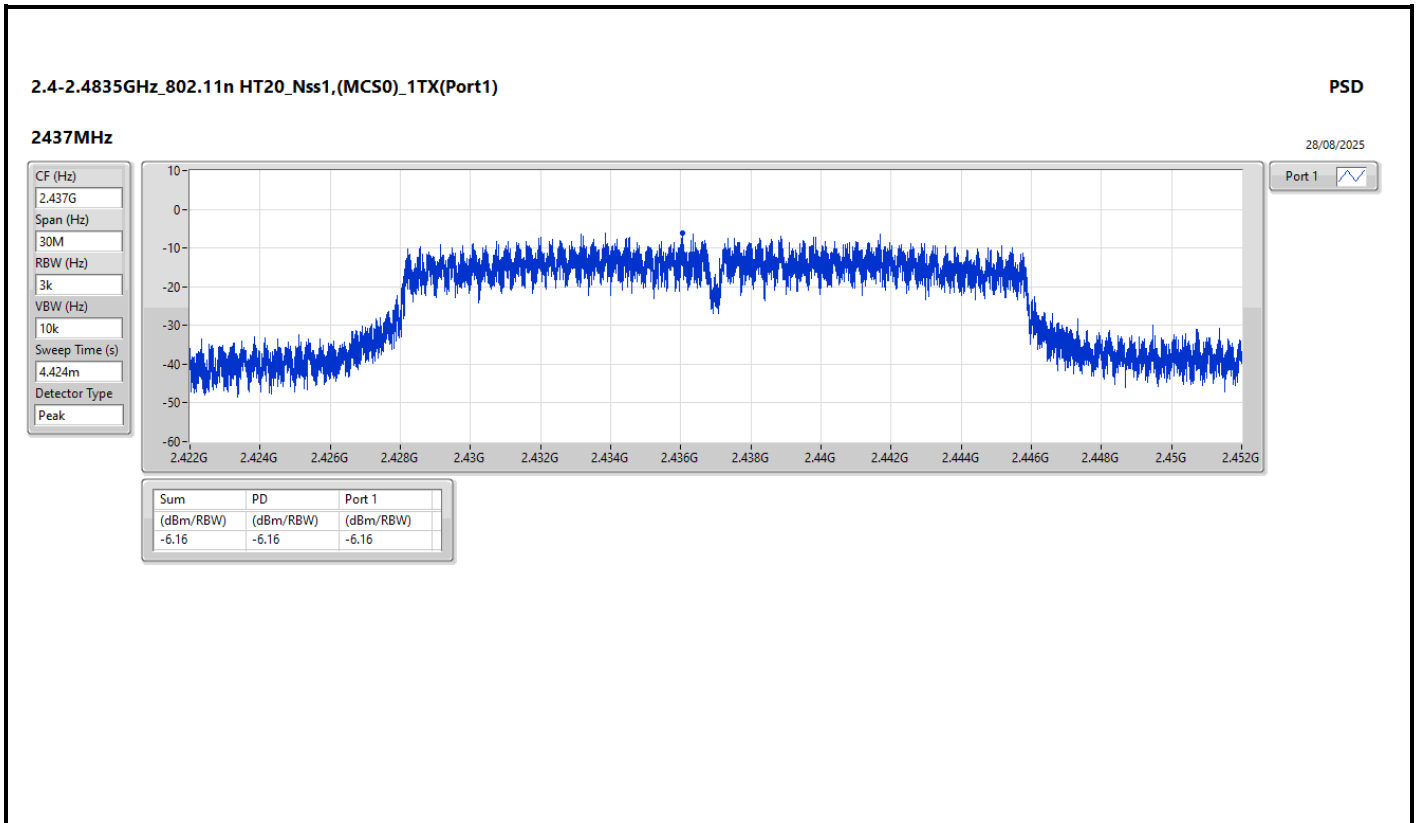
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2437MHz

28/08/2025





**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(Port1)	Pass	2.4349G	12.03	-17.97	2.19108G	-54.59	2.4G	-36.04	2.4G	-36.83	2.51206G	-47.13	24.53642G	-40.89	1
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	2.43941G	9.55	-20.45	2.18991G	-46.80	2.39824G	-31.33	2.4G	-32.05	2.51374G	-42.52	24.49428G	-41.72	1
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	Pass	2.43941G	9.88	-20.12	2.18991G	-47.49	2.39864G	-30.33	2.4G	-33.29	2.51118G	-42.49	17.59961G	-42.83	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(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4349G	12.03	-17.97	2.19108G	-54.59	2.4G	-36.04	2.4G	-36.83	2.51206G	-47.13	24.53642G	-40.89	1
2437MHz	Pass	2.4349G	12.03	-17.97	2.19341G	-52.13	2.4G	-42.04	2.4G	-43.10	2.50206G	-52.89	24.19927G	-41.33	1
2462MHz	Pass	2.4349G	12.03	-17.97	2.30525G	-50.58	2.39568G	-53.79	2.4G	-53.95	2.50294G	-46.38	24.87638G	-42.12	1
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	9.55	-20.45	2.18991G	-46.80	2.39824G	-31.33	2.4G	-32.05	2.51374G	-42.52	24.49428G	-41.72	1
2437MHz	Pass	2.43941G	9.55	-20.45	2.19341G	-47.19	2.39952G	-38.51	2.4G	-40.51	2.50318G	-50.66	24.46899G	-42.07	1
2462MHz	Pass	2.43941G	9.55	-20.45	2.30408G	-45.52	2.39536G	-53.39	2.4G	-54.90	2.51454G	-44.86	17.12199G	-41.56	1
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	9.88	-20.12	2.18991G	-47.49	2.39864G	-30.33	2.4G	-33.29	2.51118G	-42.49	17.59961G	-42.83	1
2437MHz	Pass	2.43941G	9.88	-20.12	2.19341G	-47.28	2.3992G	-37.33	2.4G	-39.91	2.50014G	-49.43	24.75557G	-42.07	1
2462MHz	Pass	2.43941G	9.88	-20.12	2.30408G	-47.54	2.39096G	-53.62	2.4G	-55.26	2.51198G	-46.09	21.78586G	-41.29	1

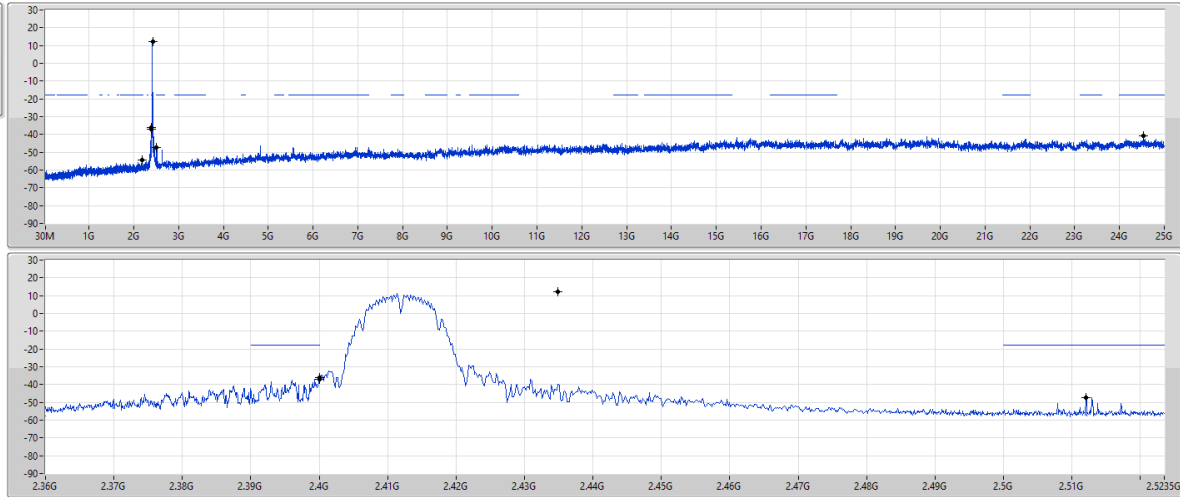
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

CSEndB

2412MHz

28/08/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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
2.4349G	12.03	-17.97	2.19108G	-54.59	2.4G	-36.04	2.4G	-36.83	2.51206G	-47.13	2.453642G	-40.89	1

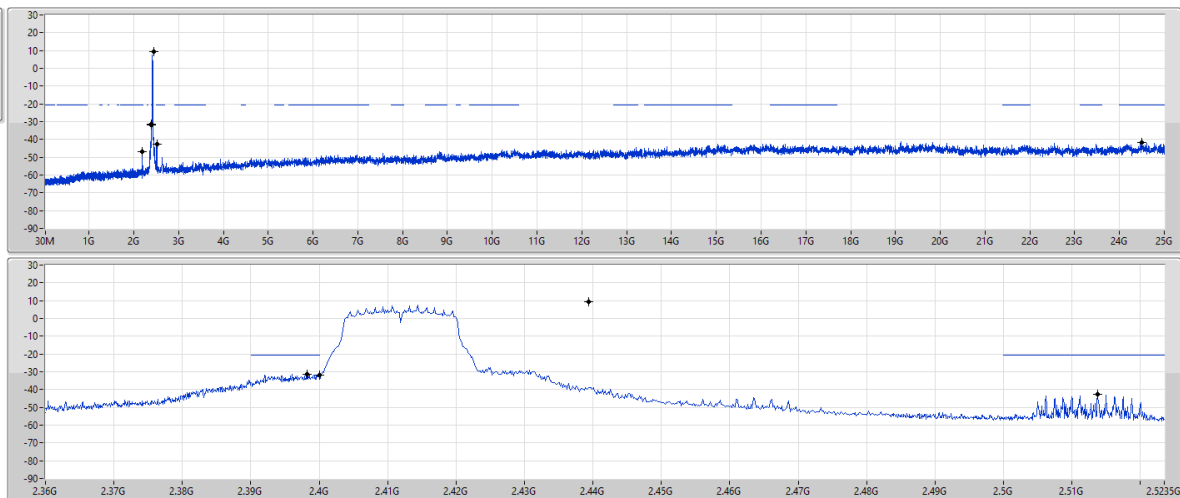
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

CSEndB

2412MHz

28/08/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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	9.55	-20.45	2.18991G	-46.80	2.39824G	-31.33	2.4G	-32.05	2.51374G	-42.52	2.449428G	-41.72	1

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port1)

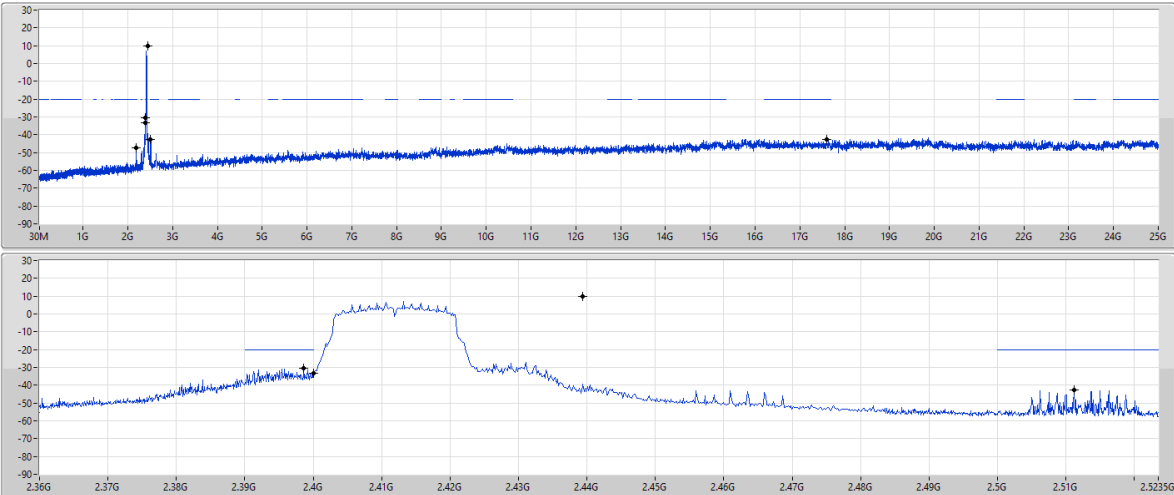
CSEndB

2412MHz

28/08/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



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	9.88	-20.12	2.18991G	-47.49	2.39864G	-30.33	2.4G	-33.29	2.51118G	-42.49	17.59961G	-42.83	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(Port1)	Pass	2.43841G	12.45	-17.55	2.18875G	-53.76	2.39856G	-39.54	2.4G	-40.48	2.50998G	-46.01	16.46736G	-41.40	1
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	2.43574G	9.84	-20.16	2.18991G	-47.95	2.39976G	-33.39	2.4G	-34.41	2.51374G	-41.67	24.55609G	-42.31	1
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	Pass	2.43824G	9.99	-20.01	2.18991G	-48.37	2.3996G	-33.26	2.4G	-34.01	2.51374G	-41.83	16.5685G	-42.22	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(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43841G	12.45	-17.55	2.18875G	-53.76	2.39856G	-39.54	2.4G	-40.48	2.50998G	-46.01	16.46736G	-41.40	1
2437MHz	Pass	2.43841G	12.45	-17.55	2.19224G	-50.80	2.4G	-40.37	2.4G	-42.43	2.50102G	-51.64	15.18901G	-42.08	1
2462MHz	Pass	2.43841G	12.45	-17.55	2.30292G	-49.04	2.39032G	-52.50	2.4G	-54.51	2.5007G	-46.14	15.18901G	-41.48	1
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	9.84	-20.16	2.18991G	-47.95	2.39976G	-33.39	2.4G	-34.41	2.51374G	-41.67	24.55609G	-42.31	1
2437MHz	Pass	2.43574G	9.84	-20.16	2.19341G	-46.74	2.39952G	-39.69	2.4G	-41.27	2.5007G	-49.61	17.49847G	-41.47	1
2462MHz	Pass	2.43574G	9.84	-20.16	2.30408G	-44.95	2.39632G	-52.18	2.4G	-53.19	2.50702G	-43.90	16.30159G	-41.98	1
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	9.99	-20.01	2.18991G	-48.37	2.3996G	-33.26	2.4G	-34.01	2.51374G	-41.83	16.5685G	-42.22	1
2437MHz	Pass	2.43824G	9.99	-20.01	2.19341G	-45.24	2.3964G	-38.67	2.4G	-39.80	2.50134G	-49.40	16.67246G	-41.42	1
2462MHz	Pass	2.43824G	9.99	-20.01	2.30408G	-45.54	2.39544G	-51.06	2.4G	-53.87	2.51702G	-43.82	24.55328G	-41.89	1

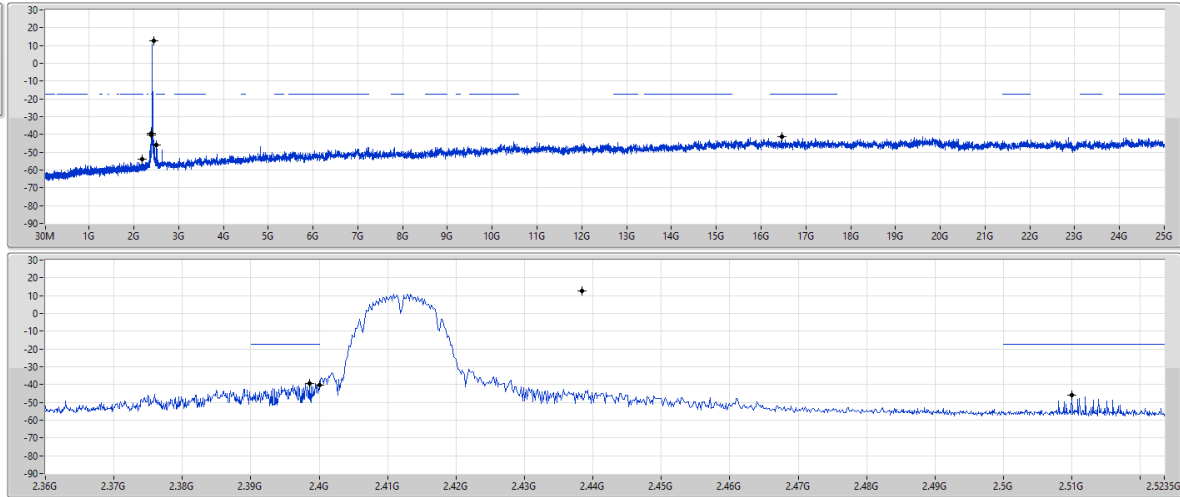
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

CSEndB

2412MHz

29/08/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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
2.43841G	12.45	-17.55	2.18875G	-53.76	2.39856G	-39.54	2.4G	-40.48	2.50998G	-46.01	16.46736G	-41.40	1

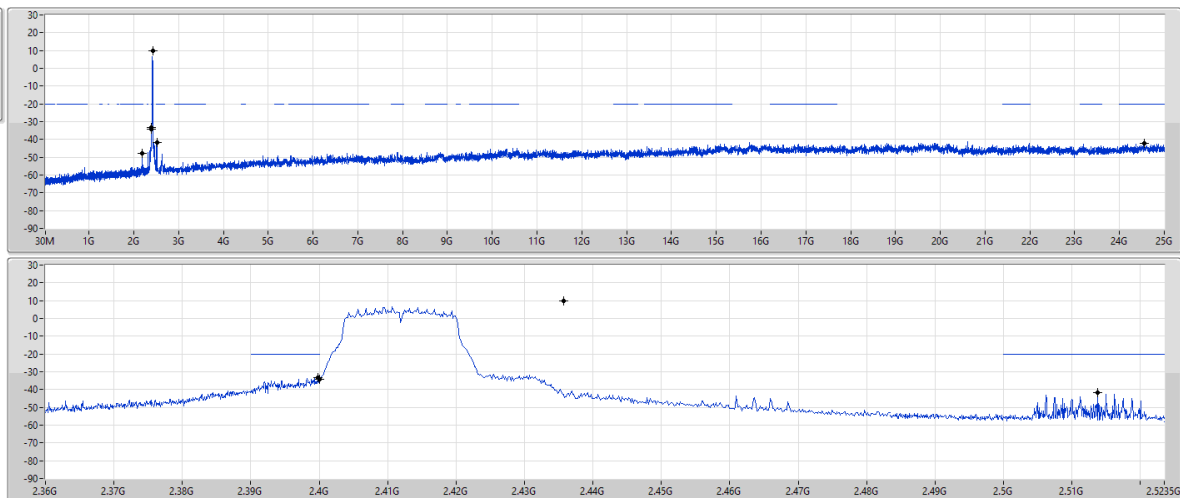
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

CSEndB

2412MHz

29/08/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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	9.84	-20.16	2.18991G	-47.95	2.39978G	-33.39	2.4G	-34.41	2.51374G	-41.67	24.55609G	-42.31	1

2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

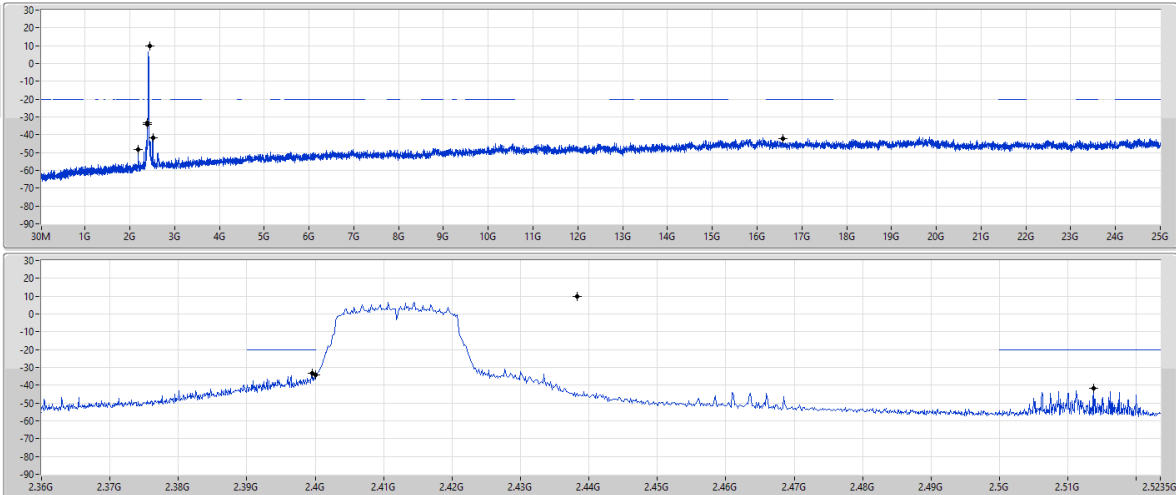
CSEndB

2412MHz

29/08/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



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	9.99	-20.01	2.18991G	-48.37	2.3996G	-33.26	2.4G	-34.01	2.51374G	-41.83	16.5685G	-42.22	1



Summary

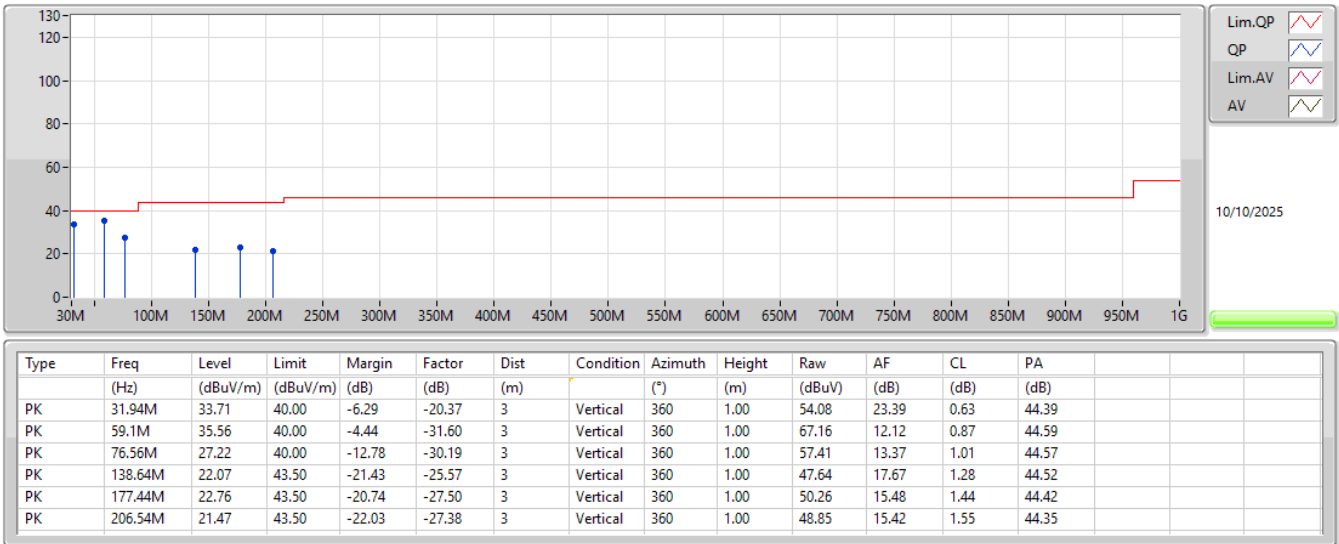
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	Pass	PK	59.1M	35.56	40.00	-4.44	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	31.94M	33.71	40.00	-6.29	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	59.1M	35.56	40.00	-4.44	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	76.56M	27.22	40.00	-12.78	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	138.64M	22.07	43.50	-21.43	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	177.44M	22.76	43.50	-20.74	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	206.54M	21.47	43.50	-22.03	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	31.94M	23.45	40.00	-16.55	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	86.26M	20.66	40.00	-19.34	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	138.64M	23.65	43.50	-19.85	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	177.44M	28.01	43.50	-15.49	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	266.68M	22.14	46.00	-23.86	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	336.52M	24.86	46.00	-21.14	3	Horizontal	0	1.00

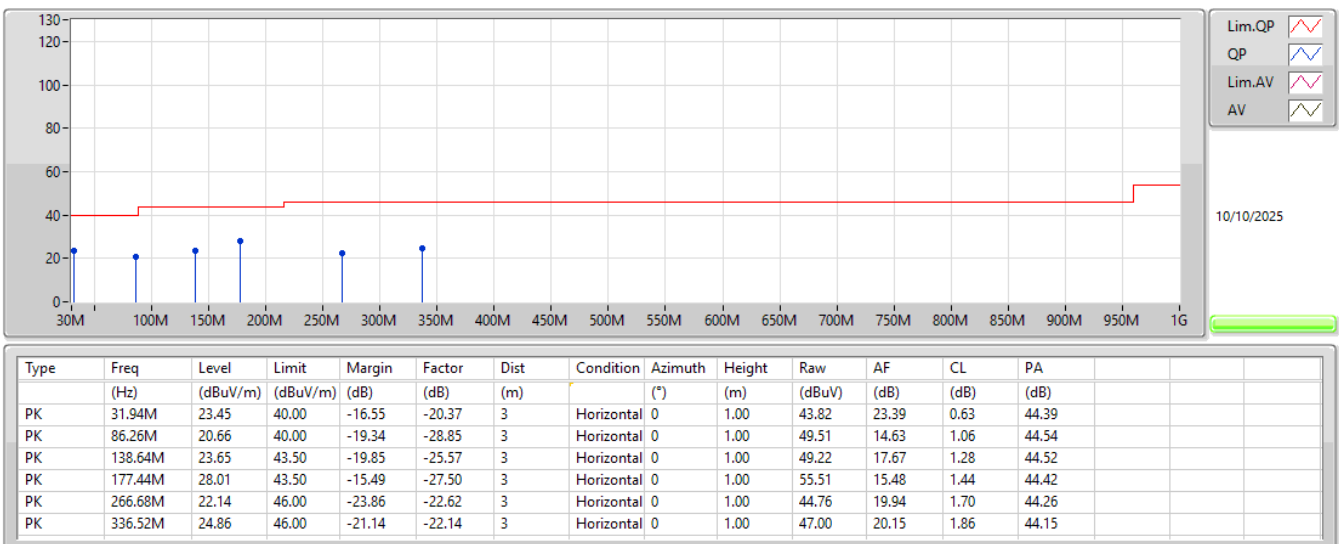
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

2437MHz_Adapter



2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

2437MHz_Adapter



**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(Port1)	Pass	AV	2.4942G	52.46	54.00	-1.54	3	Horizontal	8	1.76
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	2.4835G	52.46	54.00	-1.54	3	Horizontal	8	1.24
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	Pass	AV	2.39G	52.24	54.00	-1.76	3	Horizontal	12	1.07

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(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.3886G	52.19	54.00	-1.81	3	Horizontal	5	1.07
2412MHz_TX	Pass	AV	2.4128G	105.52	Inf	-Inf	3	Horizontal	5	1.07
2412MHz_TX	Pass	PK	2.3892G	65.52	74.00	-8.48	3	Horizontal	5	1.07
2412MHz_TX	Pass	PK	2.4128G	108.28	Inf	-Inf	3	Horizontal	5	1.07
2412MHz_TX	Pass	AV	4.82394G	46.70	54.00	-7.30	3	Vertical	88	2.96
2412MHz_TX	Pass	PK	4.824G	50.26	74.00	-23.74	3	Vertical	88	2.96
2412MHz_TX	Pass	AV	4.82394G	47.78	54.00	-6.22	3	Horizontal	328	3.00
2412MHz_TX	Pass	PK	4.82394G	51.20	74.00	-22.80	3	Horizontal	328	3.00
2417MHz_TX	Pass	AV	2.389G	52.41	54.00	-1.59	3	Horizontal	290	1.16
2417MHz_TX	Pass	AV	2.4178G	107.04	Inf	-Inf	3	Horizontal	290	1.16
2417MHz_TX	Pass	PK	2.39G	65.58	74.00	-8.42	3	Horizontal	290	1.16
2417MHz_TX	Pass	PK	2.4178G	109.71	Inf	-Inf	3	Horizontal	290	1.16
2437MHz_TX	Pass	AV	2.3898G	50.22	54.00	-3.78	3	Horizontal	289	1.00
2437MHz_TX	Pass	AV	2.4362G	109.78	Inf	-Inf	3	Horizontal	289	1.00
2437MHz_TX	Pass	AV	2.4838G	51.49	54.00	-2.51	3	Horizontal	289	1.00
2437MHz_TX	Pass	PK	2.389G	62.03	74.00	-11.97	3	Horizontal	289	1.00
2437MHz_TX	Pass	PK	2.4362G	112.44	Inf	-Inf	3	Horizontal	289	1.00
2437MHz_TX	Pass	PK	2.4858G	63.94	74.00	-10.06	3	Horizontal	289	1.00
2437MHz_TX	Pass	AV	4.87394G	43.19	54.00	-10.81	3	Vertical	210	3.00
2437MHz_TX	Pass	AV	7.31016G	41.29	54.00	-12.71	3	Vertical	149	1.21
2437MHz_TX	Pass	PK	4.87418G	48.42	74.00	-25.58	3	Vertical	210	3.00
2437MHz_TX	Pass	PK	7.31094G	50.67	74.00	-23.33	3	Vertical	149	1.21
2437MHz_TX	Pass	AV	4.87394G	46.33	54.00	-7.67	3	Horizontal	328	2.94
2437MHz_TX	Pass	AV	7.31016G	45.37	54.00	-8.63	3	Horizontal	282	1.08
2437MHz_TX	Pass	PK	4.874G	49.83	74.00	-24.17	3	Horizontal	328	2.94
2437MHz_TX	Pass	PK	7.3098G	52.68	74.00	-21.32	3	Horizontal	282	1.08
2457MHz_TX	Pass	AV	2.4562G	107.75	Inf	-Inf	3	Horizontal	290	2.95
2457MHz_TX	Pass	AV	2.4898G	50.31	54.00	-3.69	3	Horizontal	290	2.95
2457MHz_TX	Pass	PK	2.456G	110.39	Inf	-Inf	3	Horizontal	290	2.95
2457MHz_TX	Pass	PK	2.4835G	68.09	74.00	-5.91	3	Horizontal	290	2.95
2462MHz_TX	Pass	AV	2.4612G	107.19	Inf	-Inf	3	Horizontal	8	1.76
2462MHz_TX	Pass	AV	2.4942G	52.46	54.00	-1.54	3	Horizontal	8	1.76
2462MHz_TX	Pass	PK	2.461G	109.93	Inf	-Inf	3	Horizontal	8	1.76
2462MHz_TX	Pass	PK	2.4864G	66.84	74.00	-7.16	3	Horizontal	8	1.76
2462MHz_TX	Pass	AV	4.92394G	41.77	54.00	-12.23	3	Vertical	153	1.50
2462MHz_TX	Pass	AV	7.38522G	38.61	54.00	-15.39	3	Vertical	159	1.05
2462MHz_TX	Pass	PK	4.92388G	47.42	74.00	-26.58	3	Vertical	153	1.50
2462MHz_TX	Pass	PK	7.38576G	50.21	74.00	-23.79	3	Vertical	159	1.05
2462MHz_TX	Pass	AV	4.924G	46.85	54.00	-7.15	3	Horizontal	329	2.89
2462MHz_TX	Pass	AV	7.38516G	41.80	54.00	-12.20	3	Horizontal	301	1.06
2462MHz_TX	Pass	PK	4.92388G	50.61	74.00	-23.39	3	Horizontal	329	2.89
2462MHz_TX	Pass	PK	7.3842G	50.78	74.00	-23.22	3	Horizontal	301	1.06
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	52.31	54.00	-1.69	3	Horizontal	4	1.11
2412MHz_TX	Pass	AV	2.4142G	99.61	Inf	-Inf	3	Horizontal	4	1.11
2412MHz_TX	Pass	PK	2.39G	68.77	74.00	-5.23	3	Horizontal	4	1.11
2412MHz_TX	Pass	PK	2.4104G	109.92	Inf	-Inf	3	Horizontal	4	1.11
2412MHz_TX	Pass	AV	4.82334G	33.42	54.00	-20.58	3	Vertical	87	2.96
2412MHz_TX	Pass	PK	4.82256G	47.47	74.00	-26.53	3	Vertical	87	2.96
2412MHz_TX	Pass	AV	4.8231G	34.14	54.00	-19.86	3	Horizontal	329	3.00
2412MHz_TX	Pass	PK	4.82274G	47.24	74.00	-26.76	3	Horizontal	329	3.00
2417MHz_TX	Pass	AV	2.3898G	51.54	54.00	-2.46	3	Horizontal	291	1.13
2417MHz_TX	Pass	AV	2.4162G	100.84	Inf	-Inf	3	Horizontal	291	1.13
2417MHz_TX	Pass	PK	2.3894G	69.08	74.00	-4.92	3	Horizontal	291	1.13
2417MHz_TX	Pass	PK	2.4152G	111.25	Inf	-Inf	3	Horizontal	291	1.13
2437MHz_TX	Pass	AV	2.3898G	51.53	54.00	-2.47	3	Horizontal	287	1.12
2437MHz_TX	Pass	AV	2.4362G	104.10	Inf	-Inf	3	Horizontal	287	1.12
2437MHz_TX	Pass	AV	2.4835G	52.16	54.00	-1.84	3	Horizontal	287	1.12
2437MHz_TX	Pass	PK	2.3898G	64.53	74.00	-9.47	3	Horizontal	287	1.12
2437MHz_TX	Pass	PK	2.4354G	114.53	Inf	-Inf	3	Horizontal	287	1.12

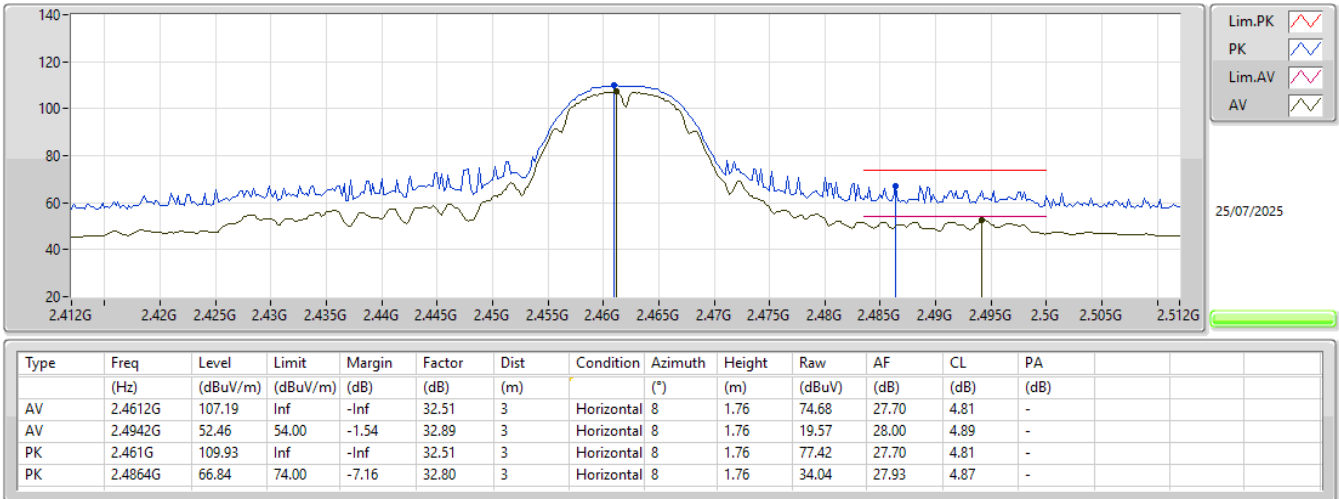
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz_TX	Pass	PK	2.4835G	66.63	74.00	-7.37	3	Horizontal	287	1.12
2437MHz_TX	Pass	AV	4.8743G	31.10	54.00	-22.90	3	Vertical	312	1.00
2437MHz_TX	Pass	AV	7.31358G	36.19	54.00	-17.81	3	Vertical	150	1.33
2437MHz_TX	Pass	PK	4.87586G	44.61	74.00	-29.39	3	Vertical	312	1.00
2437MHz_TX	Pass	PK	7.314G	50.00	74.00	-24.00	3	Vertical	150	1.33
2437MHz_TX	Pass	AV	4.8737G	33.18	54.00	-20.82	3	Horizontal	328	1.00
2437MHz_TX	Pass	AV	7.3083G	38.46	54.00	-15.54	3	Horizontal	283	1.00
2437MHz_TX	Pass	PK	4.87352G	46.52	74.00	-27.48	3	Horizontal	328	1.00
2437MHz_TX	Pass	PK	7.3143G	53.19	74.00	-20.81	3	Horizontal	283	1.00
2457MHz_TX	Pass	AV	2.4562G	101.30	Inf	-Inf	3	Horizontal	276	1.08
2457MHz_TX	Pass	AV	2.4835G	51.29	54.00	-2.71	3	Horizontal	276	1.08
2457MHz_TX	Pass	PK	2.4552G	111.78	Inf	-Inf	3	Horizontal	276	1.08
2457MHz_TX	Pass	PK	2.4878G	67.46	74.00	-6.54	3	Horizontal	276	1.08
2462MHz_TX	Pass	AV	2.4612G	100.20	Inf	-Inf	3	Horizontal	8	1.24
2462MHz_TX	Pass	AV	2.4835G	52.46	54.00	-1.54	3	Horizontal	8	1.24
2462MHz_TX	Pass	PK	2.4602G	110.63	Inf	-Inf	3	Horizontal	8	1.24
2462MHz_TX	Pass	PK	2.4835G	69.90	74.00	-4.10	3	Horizontal	8	1.24
2462MHz_TX	Pass	AV	4.92418G	30.62	54.00	-23.38	3	Vertical	154	1.95
2462MHz_TX	Pass	AV	7.38834G	34.34	54.00	-19.66	3	Vertical	144	1.35
2462MHz_TX	Pass	PK	4.91896G	44.72	74.00	-29.28	3	Vertical	154	1.95
2462MHz_TX	Pass	PK	7.38102G	47.86	74.00	-26.14	3	Vertical	144	1.35
2462MHz_TX	Pass	AV	4.92304G	33.37	54.00	-20.63	3	Horizontal	329	2.88
2462MHz_TX	Pass	AV	7.38564G	35.21	54.00	-18.79	3	Horizontal	304	1.05
2462MHz_TX	Pass	PK	4.91758G	46.89	74.00	-27.11	3	Horizontal	329	2.88
2462MHz_TX	Pass	PK	7.38306G	49.58	74.00	-24.42	3	Horizontal	304	1.05
802.11n HT20_Nss1.(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	52.24	54.00	-1.76	3	Horizontal	12	1.07
2412MHz_TX	Pass	AV	2.414G	99.15	Inf	-Inf	3	Horizontal	12	1.07
2412MHz_TX	Pass	PK	2.3894G	71.75	74.00	-2.25	3	Horizontal	12	1.07
2412MHz_TX	Pass	PK	2.4158G	109.78	Inf	-Inf	3	Horizontal	12	1.07
2412MHz_TX	Pass	AV	4.82388G	32.58	54.00	-21.42	3	Vertical	88	3.00
2412MHz_TX	Pass	PK	4.8255G	46.08	74.00	-27.92	3	Vertical	88	3.00
2412MHz_TX	Pass	AV	4.8213G	33.35	54.00	-20.65	3	Horizontal	330	3.00
2412MHz_TX	Pass	PK	4.82592G	46.83	74.00	-27.17	3	Horizontal	330	3.00
2417MHz_TX	Pass	AV	2.39G	51.89	54.00	-2.11	3	Horizontal	289	1.14
2417MHz_TX	Pass	AV	2.4196G	100.33	Inf	-Inf	3	Horizontal	289	1.14
2417MHz_TX	Pass	PK	2.3882G	70.62	74.00	-3.38	3	Horizontal	289	1.14
2417MHz_TX	Pass	PK	2.4148G	111.00	Inf	-Inf	3	Horizontal	289	1.14
2437MHz_TX	Pass	AV	2.3898G	49.58	54.00	-4.42	3	Horizontal	288	1.00
2437MHz_TX	Pass	AV	2.4362G	103.87	Inf	-Inf	3	Horizontal	288	1.00
2437MHz_TX	Pass	AV	2.4835G	50.44	54.00	-3.56	3	Horizontal	288	1.00
2437MHz_TX	Pass	PK	2.3894G	70.20	74.00	-3.80	3	Horizontal	288	1.00
2437MHz_TX	Pass	PK	2.4394G	115.23	Inf	-Inf	3	Horizontal	288	1.00
2437MHz_TX	Pass	PK	2.4835G	65.91	74.00	-8.09	3	Horizontal	288	1.00
2437MHz_TX	Pass	AV	4.88828G	29.13	54.00	-24.87	3	Vertical	117	1.50
2437MHz_TX	Pass	AV	7.30968G	34.55	54.00	-19.45	3	Vertical	77	1.11
2437MHz_TX	Pass	PK	4.86338G	43.18	74.00	-30.82	3	Vertical	117	1.50
2437MHz_TX	Pass	PK	7.3206G	48.07	74.00	-25.93	3	Vertical	77	1.11
2437MHz_TX	Pass	AV	4.88798G	29.21	54.00	-24.79	3	Horizontal	351	1.03
2437MHz_TX	Pass	AV	7.3074G	34.51	54.00	-19.49	3	Horizontal	300	1.67
2437MHz_TX	Pass	PK	4.86596G	42.77	74.00	-31.23	3	Horizontal	351	1.03
2437MHz_TX	Pass	PK	7.30224G	48.27	74.00	-25.73	3	Horizontal	300	1.67
2457MHz_TX	Pass	AV	2.455G	100.99	Inf	-Inf	3	Horizontal	288	2.93
2457MHz_TX	Pass	AV	2.4835G	50.86	54.00	-3.14	3	Horizontal	288	2.93
2457MHz_TX	Pass	PK	2.4556G	111.91	Inf	-Inf	3	Horizontal	288	2.93
2457MHz_TX	Pass	PK	2.4835G	68.86	74.00	-5.14	3	Horizontal	288	2.93
2462MHz_TX	Pass	AV	2.4636G	98.42	Inf	-Inf	3	Horizontal	13	1.50
2462MHz_TX	Pass	AV	2.4836G	52.14	54.00	-1.86	3	Horizontal	13	1.50
2462MHz_TX	Pass	PK	2.4608G	108.75	Inf	-Inf	3	Horizontal	13	1.50
2462MHz_TX	Pass	PK	2.4842G	71.96	74.00	-2.04	3	Horizontal	13	1.50
2462MHz_TX	Pass	AV	4.9234G	31.45	54.00	-22.55	3	Vertical	209	2.93
2462MHz_TX	Pass	AV	7.38054G	34.30	54.00	-19.70	3	Vertical	146	1.76



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz_TX	Pass	PK	4.9237G	45.33	74.00	-28.67	3	Vertical	209	2.93
2462MHz_TX	Pass	PK	7.3797G	48.46	74.00	-25.54	3	Vertical	146	1.76
2462MHz_TX	Pass	AV	4.92544G	31.99	54.00	-22.01	3	Horizontal	332	2.83
2462MHz_TX	Pass	AV	7.37658G	34.70	54.00	-19.30	3	Horizontal	305	2.73
2462MHz_TX	Pass	PK	4.93048G	45.67	74.00	-28.33	3	Horizontal	332	2.83
2462MHz_TX	Pass	PK	7.37442G	48.42	74.00	-25.58	3	Horizontal	305	2.73

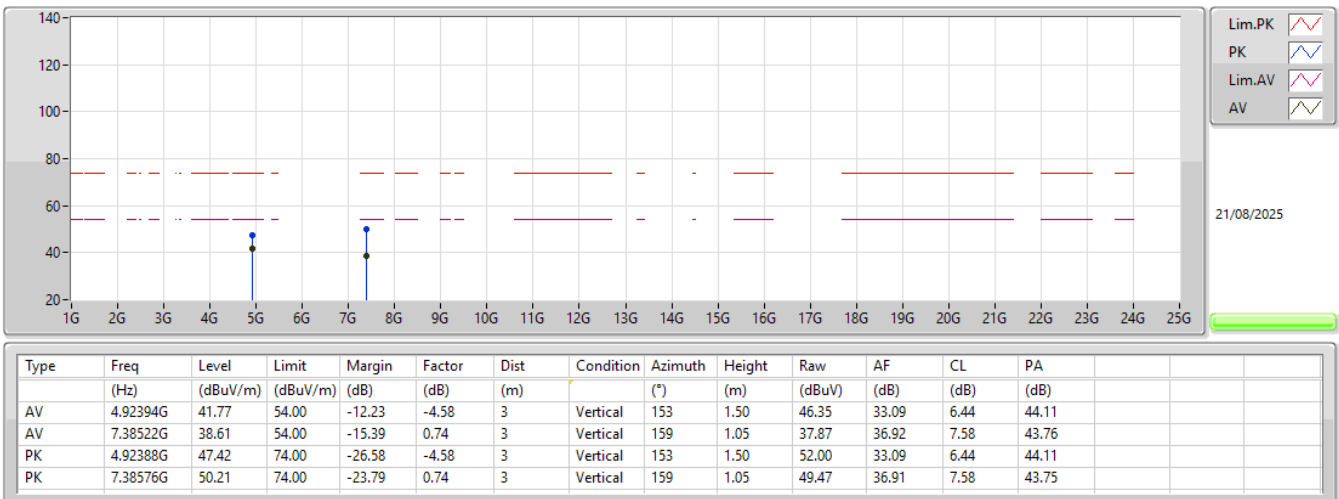
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

2462MHz_TX



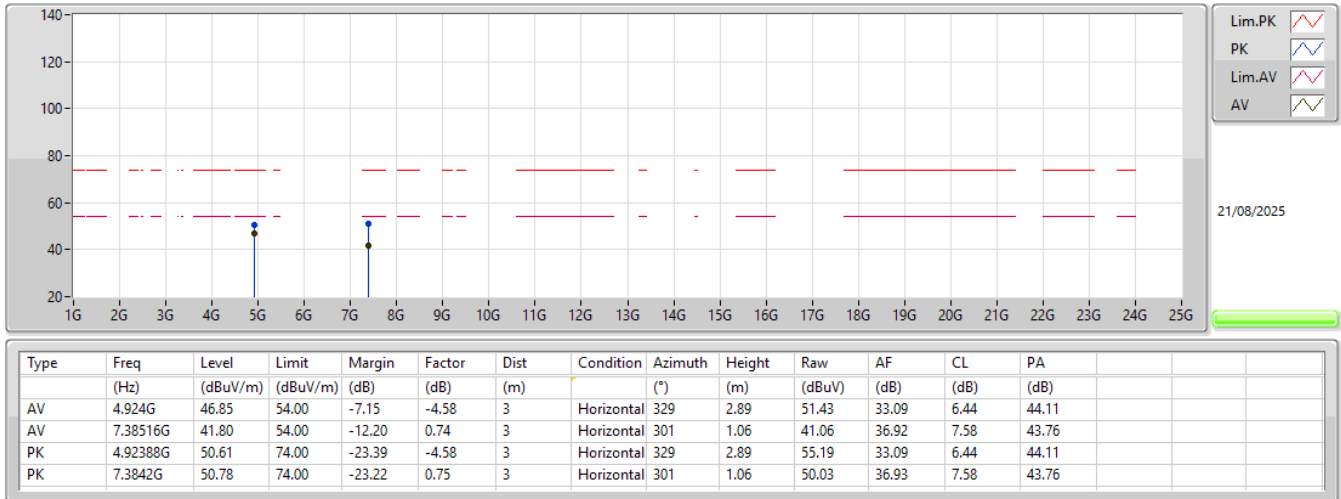
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

2462MHz_TX



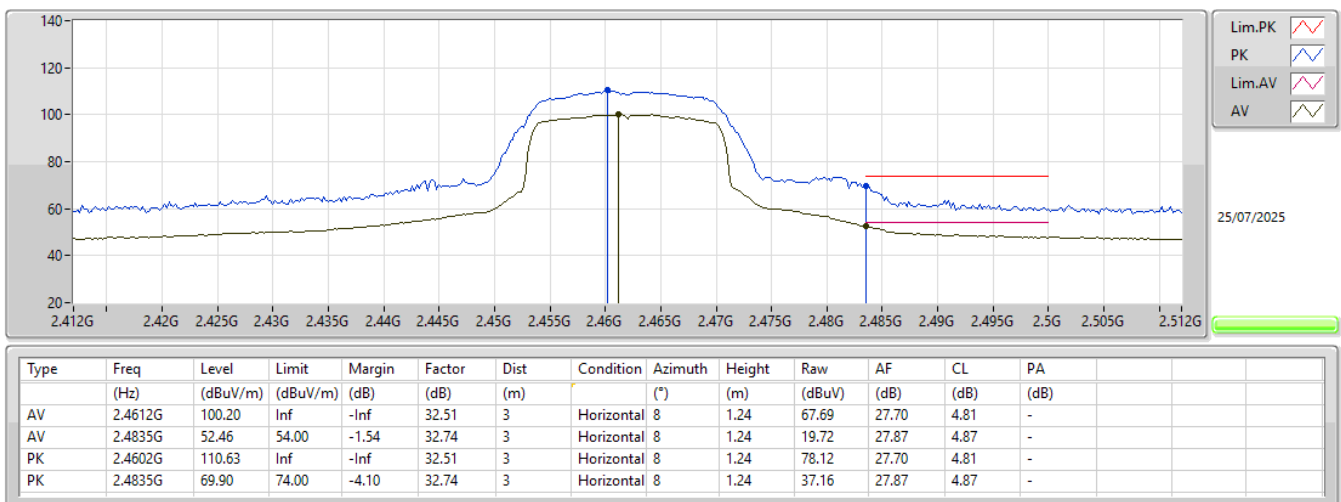
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

2462MHz_TX



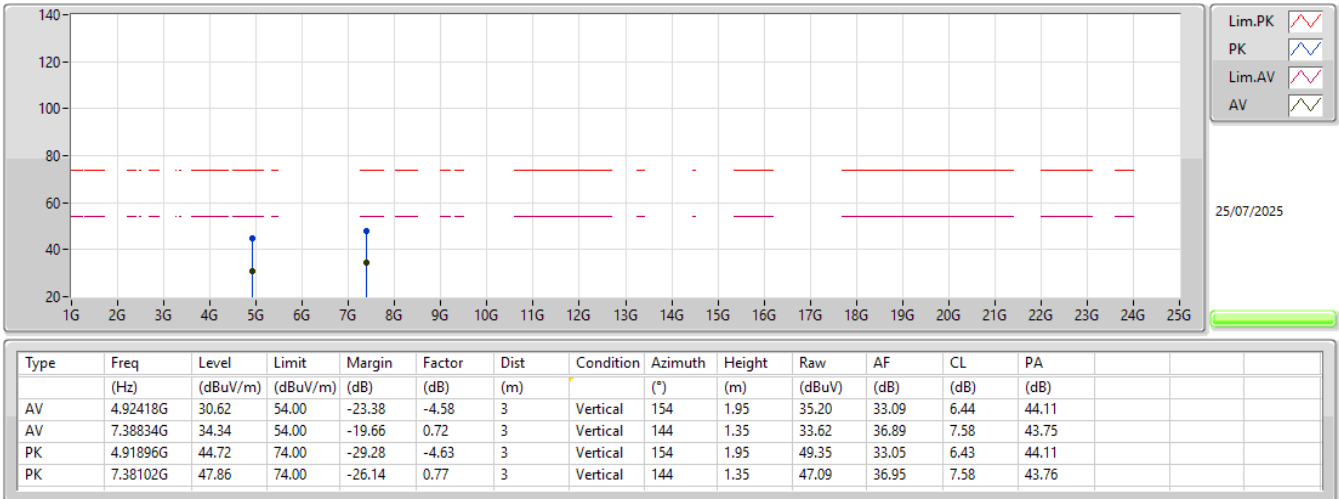
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2462MHz_TX



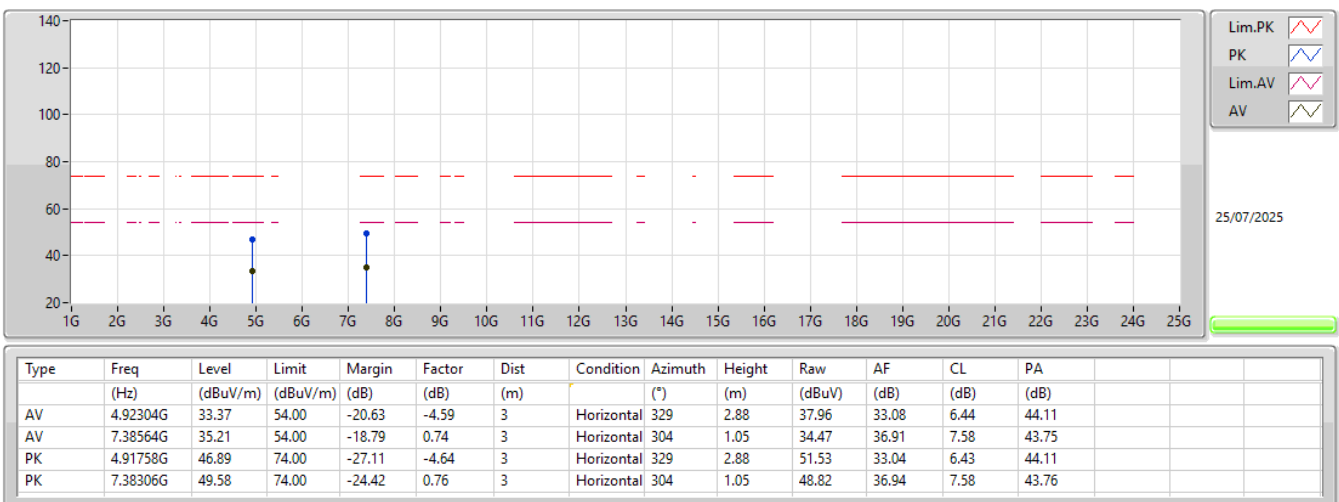
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2462MHz_TX



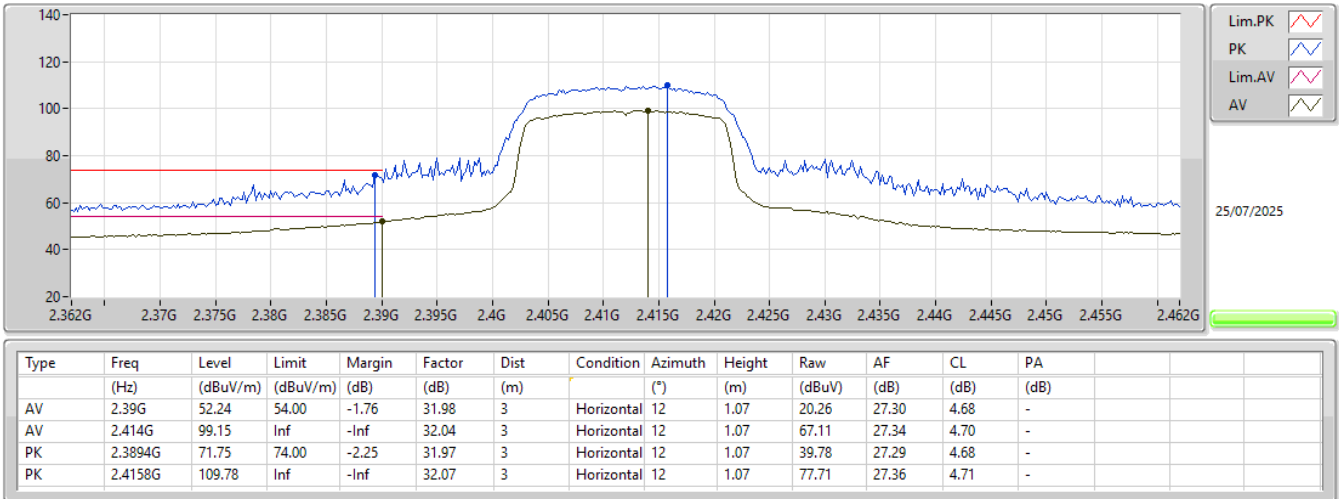
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2462MHz_TX



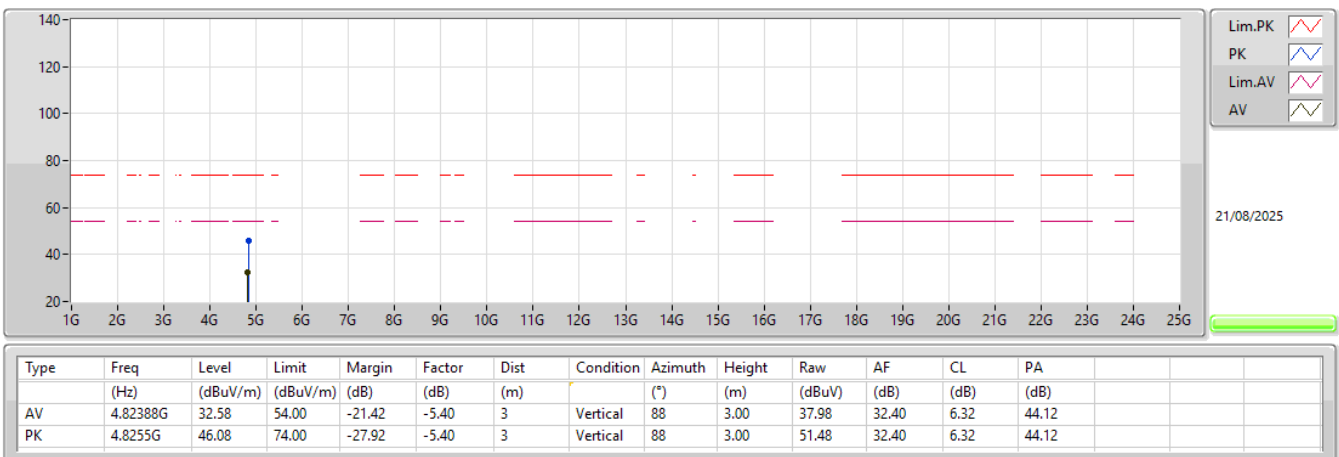
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

2412MHz_TX



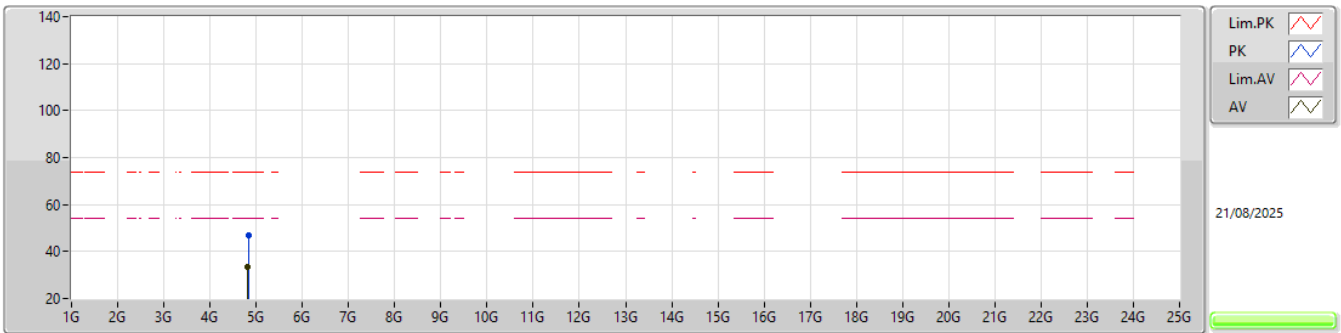
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

2412MHz_TX



2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	4.8213G	33.35	54.00	-20.65	-5.42	3	Horizontal	330	3.00	38.77	32.39	6.32	44.13				
PK	4.82592G	46.83	74.00	-27.17	-5.40	3	Horizontal	330	3.00	52.23	32.40	6.32	44.12				



Summary

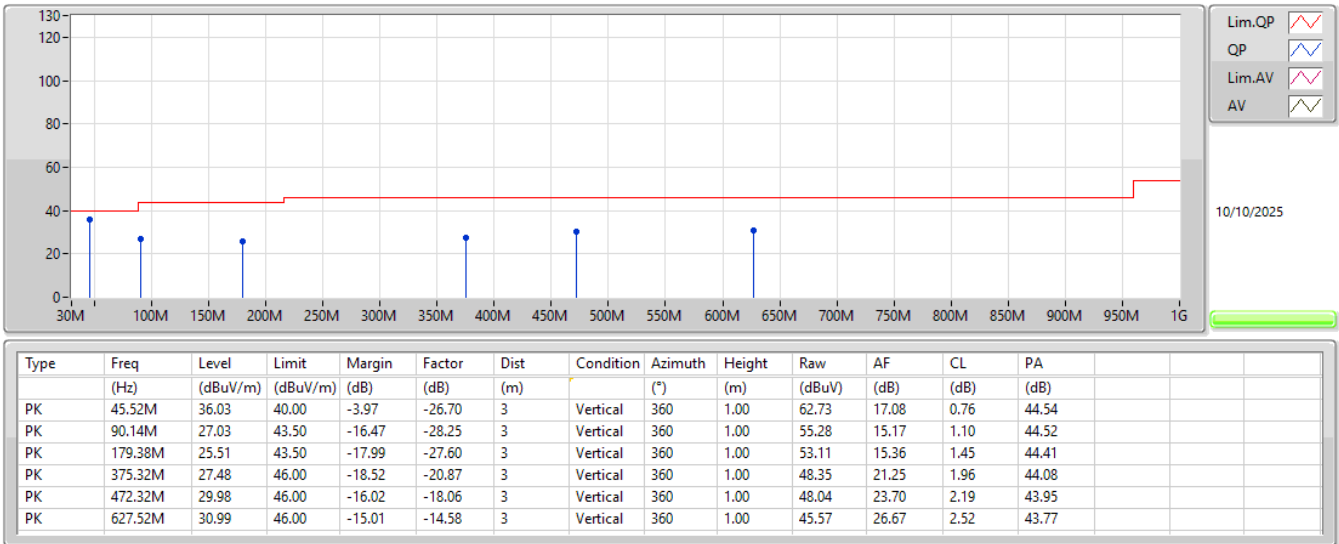
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	Pass	PK	45.52M	36.03	40.00	-3.97	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	45.52M	36.03	40.00	-3.97	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	90.14M	27.03	43.50	-16.47	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	179.38M	25.51	43.50	-17.99	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	375.32M	27.48	46.00	-18.52	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	472.32M	29.98	46.00	-16.02	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	627.52M	30.99	46.00	-15.01	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	30M	25.30	40.00	-14.70	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	125.06M	25.00	43.50	-18.50	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	181.32M	28.64	43.50	-14.86	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	375.32M	31.54	46.00	-14.46	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	470.38M	25.30	46.00	-20.70	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	627.52M	30.72	46.00	-15.28	3	Horizontal	0	1.00

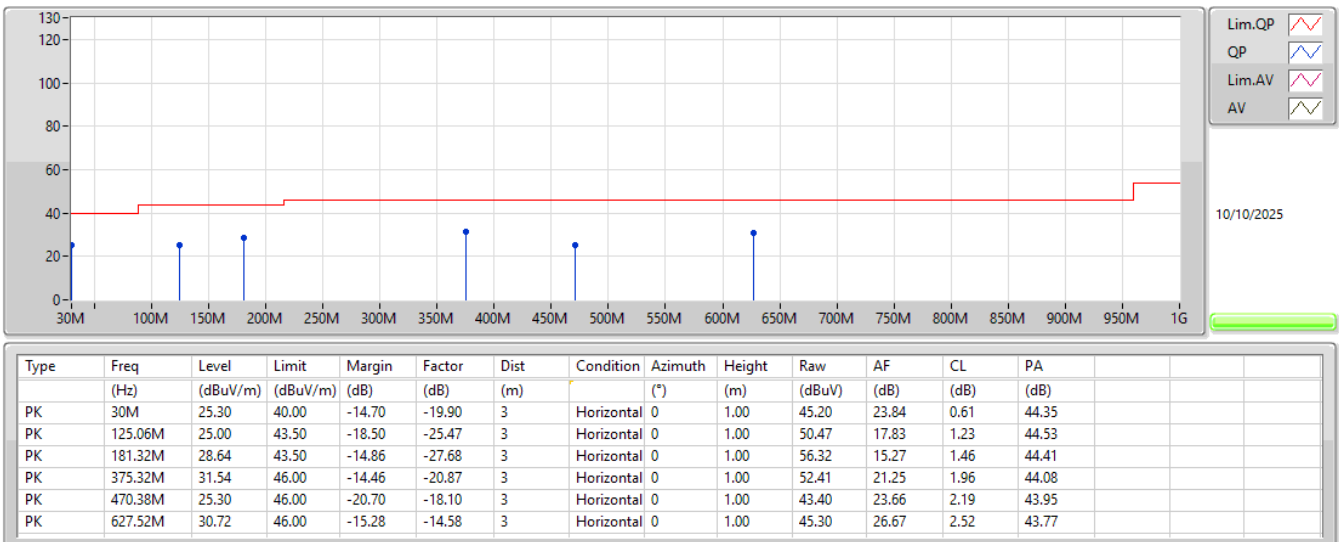
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

2437MHz_Adapter



2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

2437MHz_Adapter





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(Port1)	Pass	AV	2.3856G	51.53	54.00	-2.47	3	Vertical	183	2.79
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	2.39G	52.34	54.00	-1.66	3	Vertical	184	2.79
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	Pass	AV	2.4835G	51.74	54.00	-2.26	3	Vertical	195	1.50

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(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.3856G	51.53	54.00	-2.47	3	Vertical	183	2.79
2412MHz_TX	Pass	AV	2.4128G	105.58	Inf	-Inf	3	Vertical	183	2.79
2412MHz_TX	Pass	PK	2.3894G	68.43	74.00	-5.57	3	Vertical	183	2.79
2412MHz_TX	Pass	PK	2.4128G	108.38	Inf	-Inf	3	Vertical	183	2.79
2412MHz_TX	Pass	AV	4.82394G	49.28	54.00	-4.72	3	Vertical	192	1.05
2412MHz_TX	Pass	PK	4.82394G	52.19	74.00	-21.81	3	Vertical	192	1.05
2412MHz_TX	Pass	AV	4.82394G	40.09	54.00	-13.91	3	Horizontal	310	1.03
2412MHz_TX	Pass	PK	4.82388G	46.27	74.00	-27.73	3	Horizontal	310	1.03
2417MHz_TX	Pass	AV	2.3816G	51.45	54.00	-2.55	3	Vertical	151	1.12
2417MHz_TX	Pass	AV	2.4162G	106.54	Inf	-Inf	3	Vertical	151	1.12
2417MHz_TX	Pass	PK	2.39G	66.28	74.00	-7.72	3	Vertical	151	1.12
2417MHz_TX	Pass	PK	2.418G	109.27	Inf	-Inf	3	Vertical	151	1.12
2437MHz_TX	Pass	AV	2.3854G	47.26	54.00	-6.74	3	Vertical	195	1.00
2437MHz_TX	Pass	AV	2.4378G	107.78	Inf	-Inf	3	Vertical	195	1.00
2437MHz_TX	Pass	AV	2.4835G	49.33	54.00	-4.67	3	Vertical	195	1.00
2437MHz_TX	Pass	PK	2.3894G	60.40	74.00	-13.60	3	Vertical	195	1.00
2437MHz_TX	Pass	PK	2.4378G	110.49	Inf	-Inf	3	Vertical	195	1.00
2437MHz_TX	Pass	PK	2.485G	64.75	74.00	-9.25	3	Vertical	195	1.00
2437MHz_TX	Pass	AV	4.874G	49.75	54.00	-4.25	3	Vertical	150	2.19
2437MHz_TX	Pass	AV	7.31016G	41.67	54.00	-12.33	3	Vertical	348	1.01
2437MHz_TX	Pass	PK	4.87394G	52.37	74.00	-21.63	3	Vertical	150	2.19
2437MHz_TX	Pass	PK	7.31316G	50.26	74.00	-23.74	3	Vertical	348	1.01
2437MHz_TX	Pass	AV	4.87394G	42.38	54.00	-11.62	3	Horizontal	184	2.68
2437MHz_TX	Pass	AV	7.31022G	43.00	54.00	-11.00	3	Horizontal	170	2.46
2437MHz_TX	Pass	PK	4.87394G	47.46	74.00	-26.54	3	Horizontal	184	2.68
2437MHz_TX	Pass	PK	7.30908G	51.71	74.00	-22.29	3	Horizontal	170	2.46
2457MHz_TX	Pass	AV	2.4562G	106.64	Inf	-Inf	3	Vertical	194	1.50
2457MHz_TX	Pass	AV	2.4835G	51.16	54.00	-2.84	3	Vertical	194	1.50
2457MHz_TX	Pass	PK	2.4578G	109.24	Inf	-Inf	3	Vertical	194	1.50
2457MHz_TX	Pass	PK	2.4862G	67.68	74.00	-6.32	3	Vertical	194	1.50
2462MHz_TX	Pass	AV	2.4612G	102.79	Inf	-Inf	3	Vertical	323	3.00
2462MHz_TX	Pass	AV	2.4864G	50.05	54.00	-3.95	3	Vertical	323	3.00
2462MHz_TX	Pass	PK	2.4612G	105.53	Inf	-Inf	3	Vertical	323	3.00
2462MHz_TX	Pass	PK	2.4835G	66.69	74.00	-7.31	3	Vertical	323	3.00
2462MHz_TX	Pass	AV	4.92394G	49.32	54.00	-4.68	3	Vertical	136	1.01
2462MHz_TX	Pass	AV	7.38516G	37.68	54.00	-16.32	3	Vertical	157	2.42
2462MHz_TX	Pass	PK	4.92388G	52.45	74.00	-21.55	3	Vertical	136	1.01
2462MHz_TX	Pass	PK	7.38528G	49.21	74.00	-24.79	3	Vertical	157	2.42
2462MHz_TX	Pass	AV	4.924G	40.68	54.00	-13.32	3	Horizontal	310	1.00
2462MHz_TX	Pass	AV	7.38516G	38.63	54.00	-15.37	3	Horizontal	211	1.00
2462MHz_TX	Pass	PK	4.92412G	46.78	74.00	-27.22	3	Horizontal	310	1.00
2462MHz_TX	Pass	PK	7.38498G	49.72	74.00	-24.28	3	Horizontal	211	1.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	52.34	54.00	-1.66	3	Vertical	184	2.79
2412MHz_TX	Pass	AV	2.414G	99.49	Inf	-Inf	3	Vertical	184	2.79
2412MHz_TX	Pass	PK	2.39G	70.77	74.00	-3.23	3	Vertical	184	2.79
2412MHz_TX	Pass	PK	2.4102G	109.83	Inf	-Inf	3	Vertical	184	2.79
2412MHz_TX	Pass	AV	4.824G	34.81	54.00	-19.19	3	Vertical	191	1.04
2412MHz_TX	Pass	PK	4.82346G	48.42	74.00	-25.58	3	Vertical	191	1.04
2412MHz_TX	Pass	AV	4.82406G	30.10	54.00	-23.90	3	Horizontal	310	1.03
2412MHz_TX	Pass	PK	4.82142G	43.43	74.00	-30.57	3	Horizontal	310	1.03
2417MHz_TX	Pass	AV	2.39G	51.49	54.00	-2.51	3	Vertical	151	1.50
2417MHz_TX	Pass	AV	2.4162G	98.70	Inf	-Inf	3	Vertical	151	1.50
2417MHz_TX	Pass	PK	2.3876G	67.97	74.00	-6.03	3	Vertical	151	1.50
2417MHz_TX	Pass	PK	2.4152G	109.28	Inf	-Inf	3	Vertical	151	1.50
2437MHz_TX	Pass	AV	2.3898G	49.46	54.00	-4.54	3	Vertical	35	2.49
2437MHz_TX	Pass	AV	2.4362G	102.13	Inf	-Inf	3	Vertical	35	2.49
2437MHz_TX	Pass	AV	2.4835G	50.07	54.00	-3.93	3	Vertical	35	2.49
2437MHz_TX	Pass	PK	2.3878G	63.21	74.00	-10.79	3	Vertical	35	2.49
2437MHz_TX	Pass	PK	2.4354G	112.52	Inf	-Inf	3	Vertical	35	2.49

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz_TX	Pass	PK	2.4838G	65.70	74.00	-8.30	3	Vertical	35	2.49
2437MHz_TX	Pass	AV	4.87406G	36.22	54.00	-17.78	3	Vertical	135	1.01
2437MHz_TX	Pass	AV	7.31136G	38.66	54.00	-15.34	3	Vertical	202	3.00
2437MHz_TX	Pass	PK	4.8725G	49.19	74.00	-24.81	3	Vertical	135	1.01
2437MHz_TX	Pass	PK	7.305G	52.73	74.00	-21.27	3	Vertical	202	3.00
2437MHz_TX	Pass	AV	4.87454G	30.82	54.00	-23.18	3	Horizontal	115	1.07
2437MHz_TX	Pass	AV	7.31274G	36.63	54.00	-17.37	3	Horizontal	223	1.01
2437MHz_TX	Pass	PK	4.87628G	44.33	74.00	-29.67	3	Horizontal	115	1.07
2437MHz_TX	Pass	PK	7.31016G	50.77	74.00	-23.23	3	Horizontal	223	1.01
2457MHz_TX	Pass	AV	2.4562G	99.09	Inf	-Inf	3	Vertical	195	1.50
2457MHz_TX	Pass	AV	2.4836G	52.34	54.00	-1.66	3	Vertical	195	1.50
2457MHz_TX	Pass	PK	2.4552G	109.47	Inf	-Inf	3	Vertical	195	1.50
2457MHz_TX	Pass	PK	2.4836G	68.47	74.00	-5.53	3	Vertical	195	1.50
2462MHz_TX	Pass	AV	2.4612G	95.29	Inf	-Inf	3	Vertical	325	3.00
2462MHz_TX	Pass	AV	2.4835G	51.51	54.00	-2.49	3	Vertical	325	3.00
2462MHz_TX	Pass	PK	2.4602G	105.81	Inf	-Inf	3	Vertical	325	3.00
2462MHz_TX	Pass	PK	2.4836G	71.25	74.00	-2.75	3	Vertical	325	3.00
2462MHz_TX	Pass	AV	4.9234G	35.32	54.00	-18.68	3	Vertical	136	1.01
2462MHz_TX	Pass	AV	7.38066G	34.60	54.00	-19.40	3	Vertical	154	2.97
2462MHz_TX	Pass	PK	4.92262G	48.38	74.00	-25.62	3	Vertical	136	1.01
2462MHz_TX	Pass	PK	7.38024G	48.06	74.00	-25.94	3	Vertical	154	2.97
2462MHz_TX	Pass	AV	4.92544G	30.76	54.00	-23.24	3	Horizontal	310	1.00
2462MHz_TX	Pass	AV	7.3818G	34.67	54.00	-19.33	3	Horizontal	212	1.00
2462MHz_TX	Pass	PK	4.9189G	43.81	74.00	-30.19	3	Horizontal	310	1.00
2462MHz_TX	Pass	PK	7.38456G	48.68	74.00	-25.32	3	Horizontal	212	1.00
802.11n HT20_Nss1_(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	50.52	54.00	-3.48	3	Vertical	248	2.79
2412MHz_TX	Pass	AV	2.4142G	97.45	Inf	-Inf	3	Vertical	248	2.79
2412MHz_TX	Pass	PK	2.3898G	67.00	74.00	-7.00	3	Vertical	248	2.79
2412MHz_TX	Pass	PK	2.413G	107.49	Inf	-Inf	3	Vertical	248	2.79
2412MHz_TX	Pass	AV	4.824G	35.16	54.00	-18.84	3	Vertical	193	1.05
2412MHz_TX	Pass	PK	4.82424G	48.82	74.00	-25.18	3	Vertical	193	1.05
2412MHz_TX	Pass	AV	4.82496G	30.22	54.00	-23.78	3	Horizontal	114	1.00
2412MHz_TX	Pass	PK	4.8306G	44.15	74.00	-29.85	3	Horizontal	114	1.00
2417MHz_TX	Pass	AV	2.3894G	50.83	54.00	-3.17	3	Vertical	150	1.50
2417MHz_TX	Pass	AV	2.4146G	97.62	Inf	-Inf	3	Vertical	150	1.50
2417MHz_TX	Pass	PK	2.39G	68.66	74.00	-5.34	3	Vertical	150	1.50
2417MHz_TX	Pass	PK	2.4174G	107.96	Inf	-Inf	3	Vertical	150	1.50
2437MHz_TX	Pass	AV	2.3894G	49.21	54.00	-4.79	3	Vertical	196	1.01
2437MHz_TX	Pass	AV	2.4382G	101.41	Inf	-Inf	3	Vertical	196	1.01
2437MHz_TX	Pass	AV	2.4835G	51.16	54.00	-2.84	3	Vertical	196	1.01
2437MHz_TX	Pass	PK	2.3894G	66.72	74.00	-7.28	3	Vertical	196	1.01
2437MHz_TX	Pass	PK	2.4382G	111.94	Inf	-Inf	3	Vertical	196	1.01
2437MHz_TX	Pass	PK	2.4846G	67.75	74.00	-6.25	3	Vertical	196	1.01
2437MHz_TX	Pass	AV	4.87076G	36.40	54.00	-17.60	3	Vertical	136	1.00
2437MHz_TX	Pass	AV	7.30872G	38.88	54.00	-15.12	3	Vertical	203	3.00
2437MHz_TX	Pass	PK	4.87058G	49.89	74.00	-24.11	3	Vertical	136	1.00
2437MHz_TX	Pass	PK	7.30518G	52.51	74.00	-21.49	3	Vertical	203	3.00
2437MHz_TX	Pass	AV	4.87298G	30.76	54.00	-23.24	3	Horizontal	116	1.01
2437MHz_TX	Pass	AV	7.30992G	35.69	54.00	-18.31	3	Horizontal	199	1.50
2437MHz_TX	Pass	PK	4.87328G	44.23	74.00	-29.77	3	Horizontal	116	1.01
2437MHz_TX	Pass	PK	7.30506G	49.35	74.00	-24.65	3	Horizontal	199	1.50
2457MHz_TX	Pass	AV	2.4592G	98.70	Inf	-Inf	3	Vertical	195	1.50
2457MHz_TX	Pass	AV	2.4835G	51.74	54.00	-2.26	3	Vertical	195	1.50
2457MHz_TX	Pass	PK	2.4586G	109.48	Inf	-Inf	3	Vertical	195	1.50
2457MHz_TX	Pass	PK	2.4872G	67.67	74.00	-6.33	3	Vertical	195	1.50
2462MHz_TX	Pass	AV	2.4606G	94.52	Inf	-Inf	3	Vertical	325	3.00
2462MHz_TX	Pass	AV	2.4838G	51.34	54.00	-2.66	3	Vertical	325	3.00
2462MHz_TX	Pass	PK	2.4608G	105.24	Inf	-Inf	3	Vertical	325	3.00
2462MHz_TX	Pass	PK	2.4836G	69.19	74.00	-4.81	3	Vertical	325	3.00
2462MHz_TX	Pass	AV	4.92316G	34.79	54.00	-19.21	3	Vertical	136	1.03
2462MHz_TX	Pass	AV	7.37808G	34.21	54.00	-19.79	3	Vertical	288	1.50



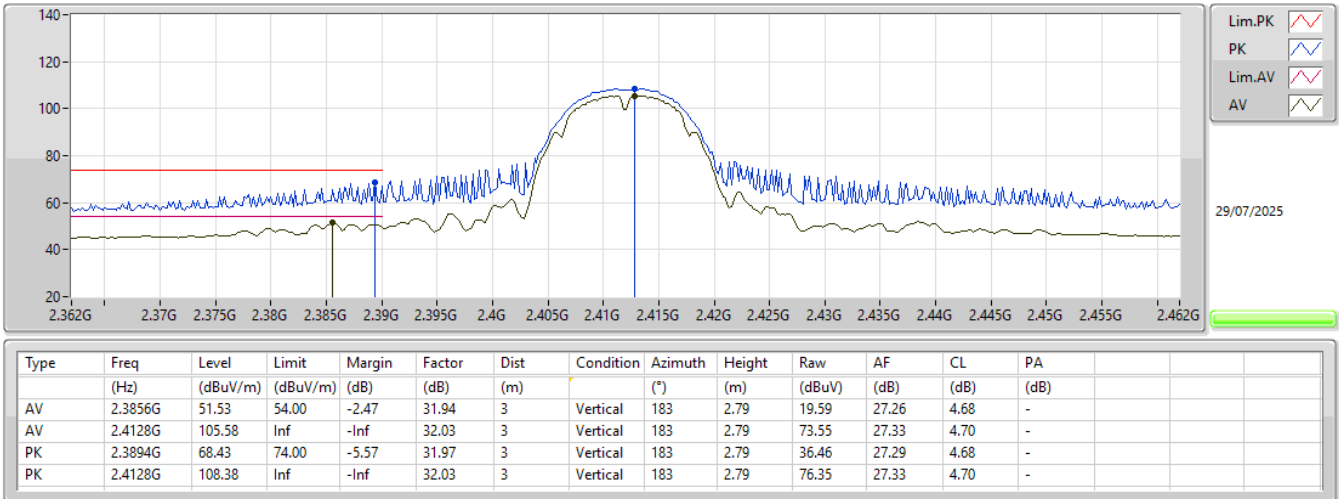
RSE TX above 1GHz_Dipole Antenna

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz_TX	Pass	PK	4.92058G	48.95	74.00	-25.05	3	Vertical	136	1.03
2462MHz_TX	Pass	PK	7.37508G	47.45	74.00	-26.55	3	Vertical	288	1.50
2462MHz_TX	Pass	AV	4.92586G	30.55	54.00	-23.45	3	Horizontal	311	1.00
2462MHz_TX	Pass	AV	7.38678G	34.20	54.00	-19.80	3	Horizontal	123	1.50
2462MHz_TX	Pass	PK	4.92376G	44.25	74.00	-29.75	3	Horizontal	311	1.00
2462MHz_TX	Pass	PK	7.38336G	47.77	74.00	-26.23	3	Horizontal	123	1.50

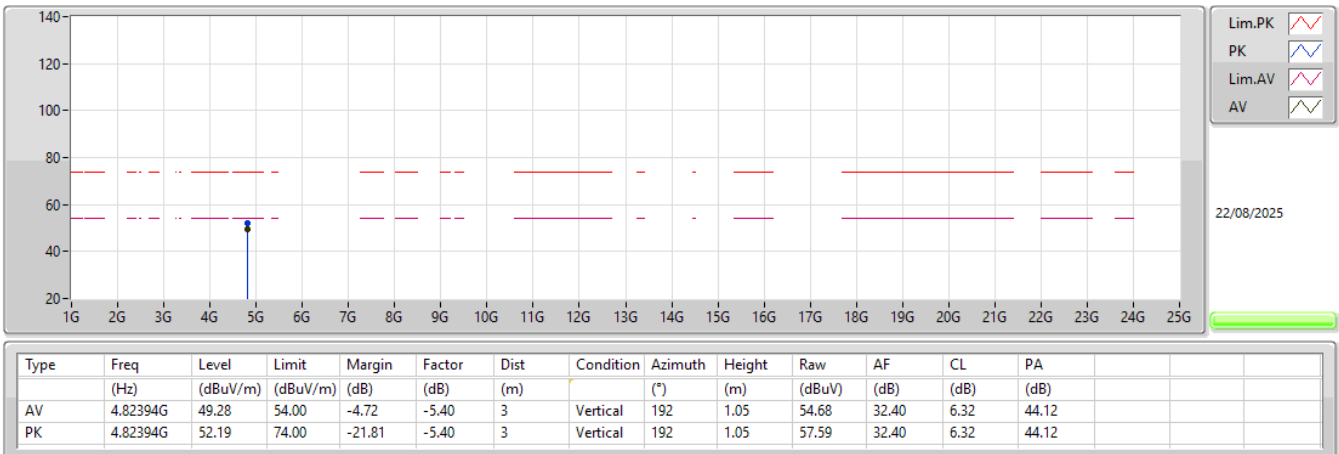
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

2412MHz_TX



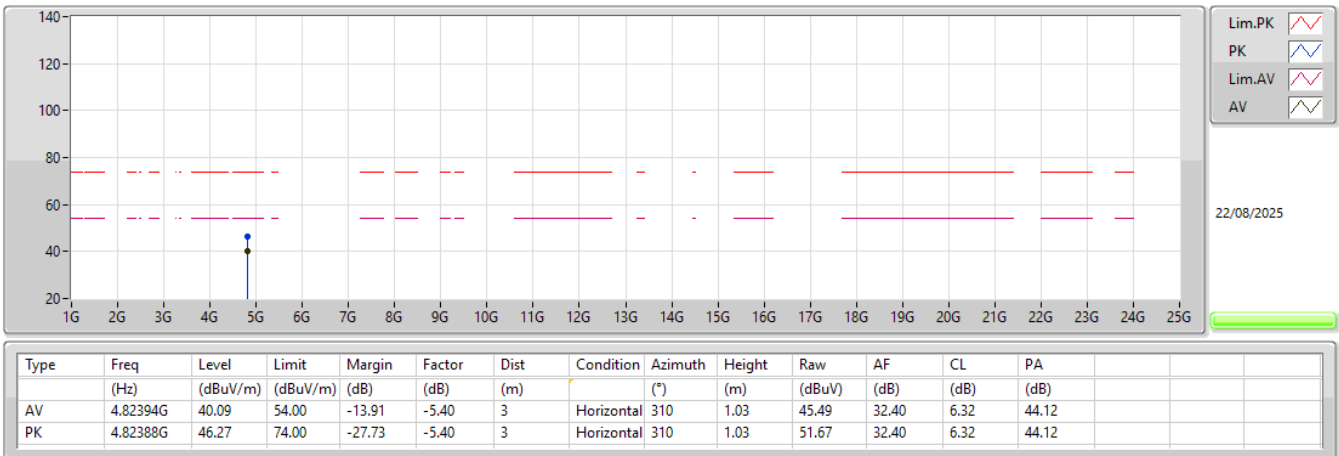
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

2412MHz_TX



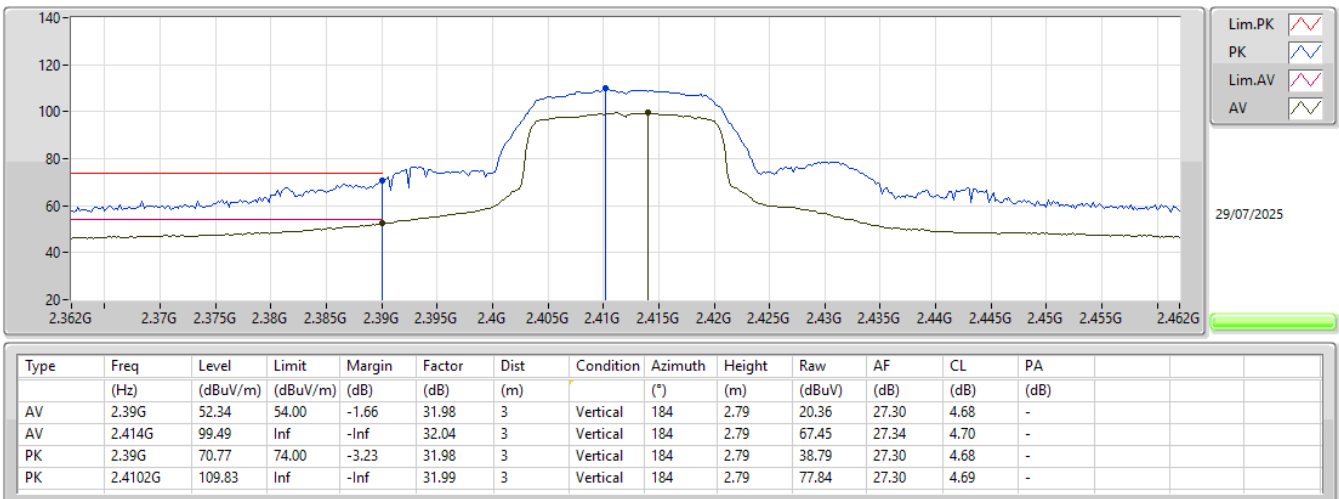
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

2412MHz_TX



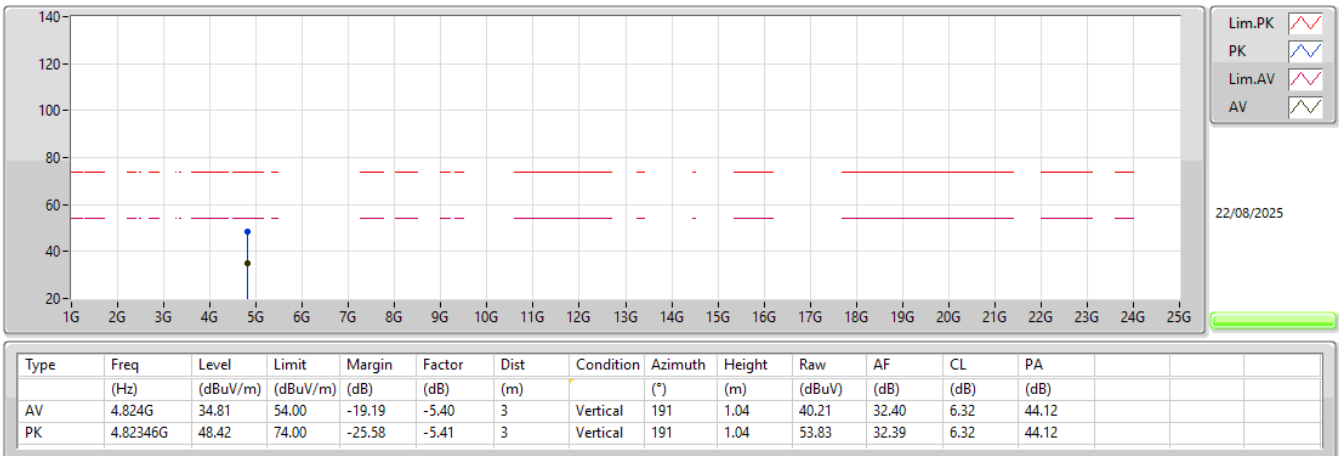
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2412MHz_TX



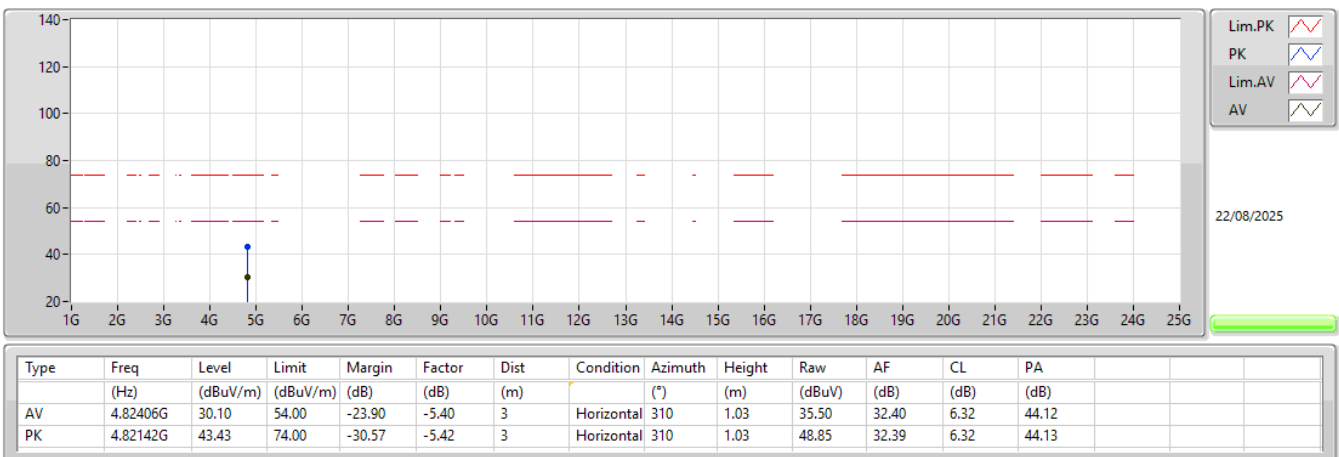
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2412MHz_TX



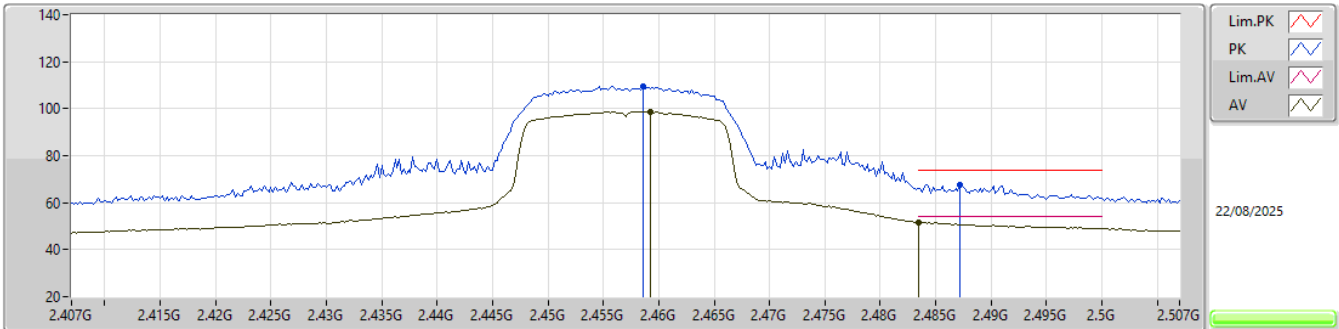
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2412MHz_TX



2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port1)

2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)			
AV	2.4592G	98.70	Inf	-Inf	32.50	3	Vertical	195	1.50	66.20	27.69	4.81	-			
AV	2.4835G	51.74	54.00	-2.26	32.74	3	Vertical	195	1.50	19.00	27.87	4.87	-			
PK	2.4586G	109.48	Inf	-Inf	32.50	3	Vertical	195	1.50	76.98	27.69	4.81	-			
PK	2.4872G	67.67	74.00	-6.33	32.81	3	Vertical	195	1.50	34.86	27.94	4.87	-			