

FCC Radio Test Report

FCC ID : 2ASJ3-ATSV625
Equipment : ATS6
Brand Name : AVIRON
Model Name : ATS6
Applicant : Aviron Interactive
265 Bartley Drive, North York, Ontario, M4A 2N7, Canada
Manufacturer : Qisda Corporation
157, Shan-Ying Road, Gueishan, Taoyuan 333, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 14, 2025, and testing was started from Oct. 30, 2025 and completed on Nov. 25, 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 + Errata to C63.10a-2024 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FR5O1401AC	01	Initial issue of report	Dec. 08, 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: 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]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX

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.	Brand Name	Model Name	Antenna Type	Connector	Support
1	INPAQ	WA-P-LB-02-1125	PCB	I-Pex	2.4G+5G+BT
2	INPAQ	WA-P-LB-01-350	PCB	I-Pex	2.4G+5G

Ant.	Port	Gain (dBi)			
		2.4G	5G		BT
			U-NII-1	U-NII-3	
1	1	3.72	4.15	4.67	3.72
2	2	3.44	3.54	4.12	-

Note 1: The EUT has two antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n mode (2TX/2RX)

Ant. 1 (port 1), Ant. 2 (port 2) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac mode (2TX/2RX)

Ant. 1 (port 1), Ant. 2 (port 2) could transmit/receive simultaneously.

For BT function:

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

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

Note 2: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

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)_2TX	0.998	0.01	12.422m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.991	0.04	2.069m	10Hz (DC>=0.98)
802.11n HT20_Nss1,(MCS0)_2TX	0.99	0.04	1.925m	10Hz (DC>=0.98)

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

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego Lin	21.6~23.9°C / 55~60%	07/Nov/2025~19/Nov/2025
RF Conducted	TH01-HY	Sonic Li	23.1~23.4°C / 53~56%	12/Nov/2025~21/Nov/2025
Radiated	03CH03-HY	Simon Cheng	22.2~23.4°C / 50~52%	30/Oct/2025~19/Nov/2025
Radiated (Co-Location)	03CH03-HY	Simon Cheng	22.0~23.1°C / 50~53%	25/Nov/2025
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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	Dos6.1
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Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	18
2417MHz	19
2437MHz	22
2457MHz	19
2462MHz	19
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17
2417MHz	18
2437MHz	21
2457MHz	18
2462MHz	17
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	18
2437MHz	21
2457MHz	17
2462MHz	16

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 (12V)

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 (12V)		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V		

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 5GHz+Bluetooth
Refer to Sporton Test Report No.: FA501401 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Support Equipment

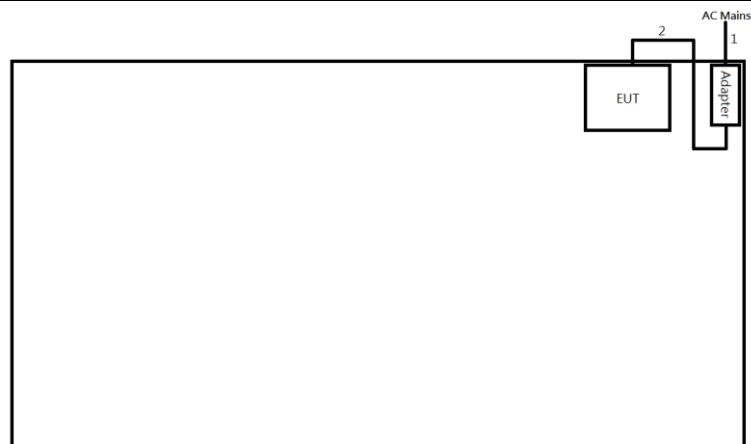
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	GVE	GM60-120500-F	-	Provided by Customer
2	AC Power Cable	Power sync	PW-GNB150	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	12V Adapter	GVE	GM60-120500-F	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	GVE	GM60-120500-F	-	Provided by Customer
2	AC Power Cable	Power sync	PW-GNB150	-	-

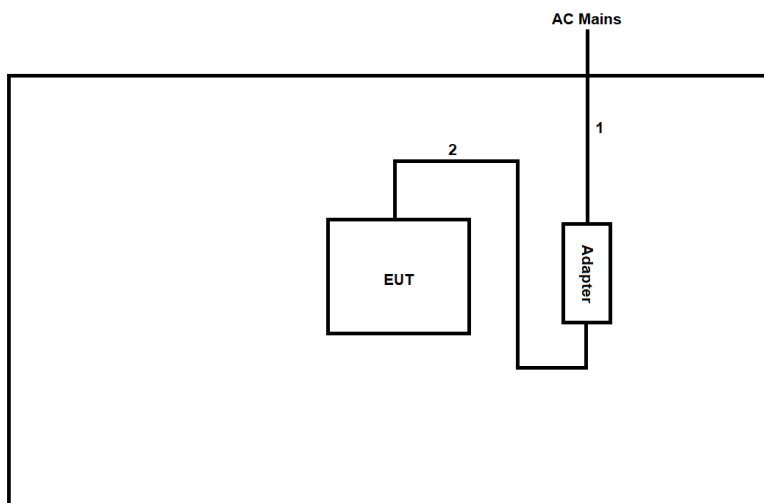
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.5	-
2	DC Power Cable	No	1.2	-

Test Setup Diagram – Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.5	-
2	DC Power Cable	No	1.2	-

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).

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Report Version : 01

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

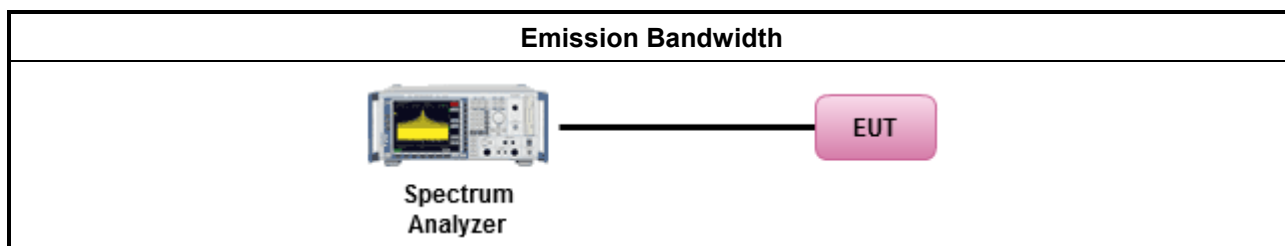
3.2.2 Measuring Instruments

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 $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB 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.	

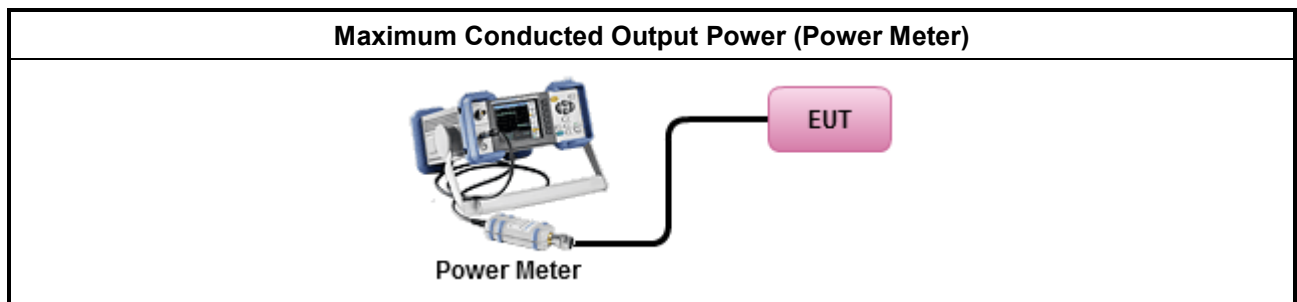
3.3.2 Measuring Instruments

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

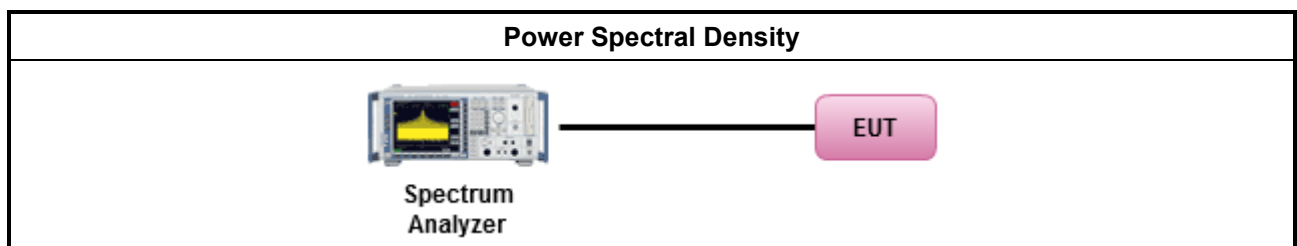
3.4.2 Measuring Instruments

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.	

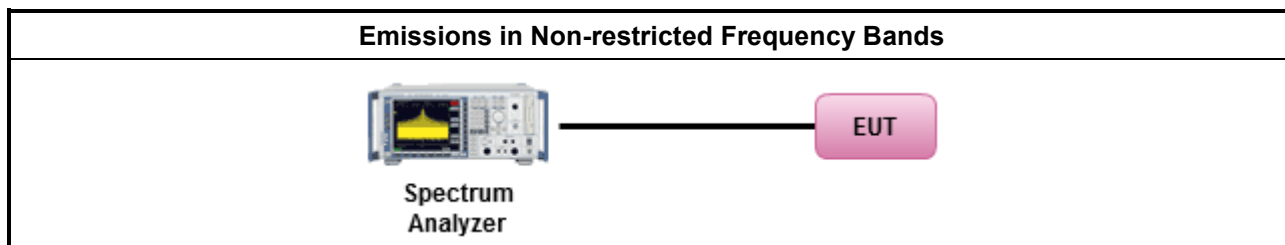
3.5.2 Measuring Instruments

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

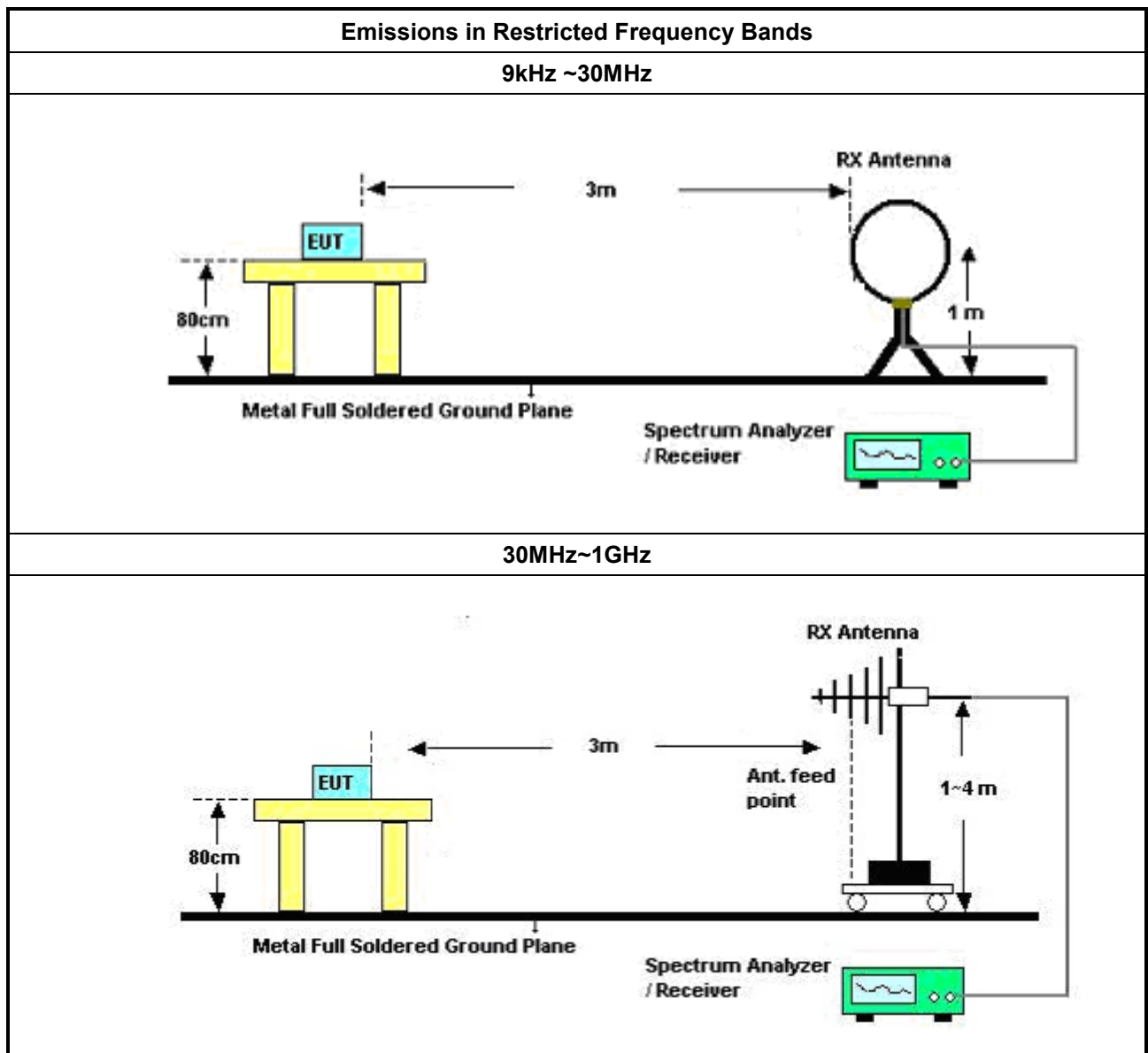
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted 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.

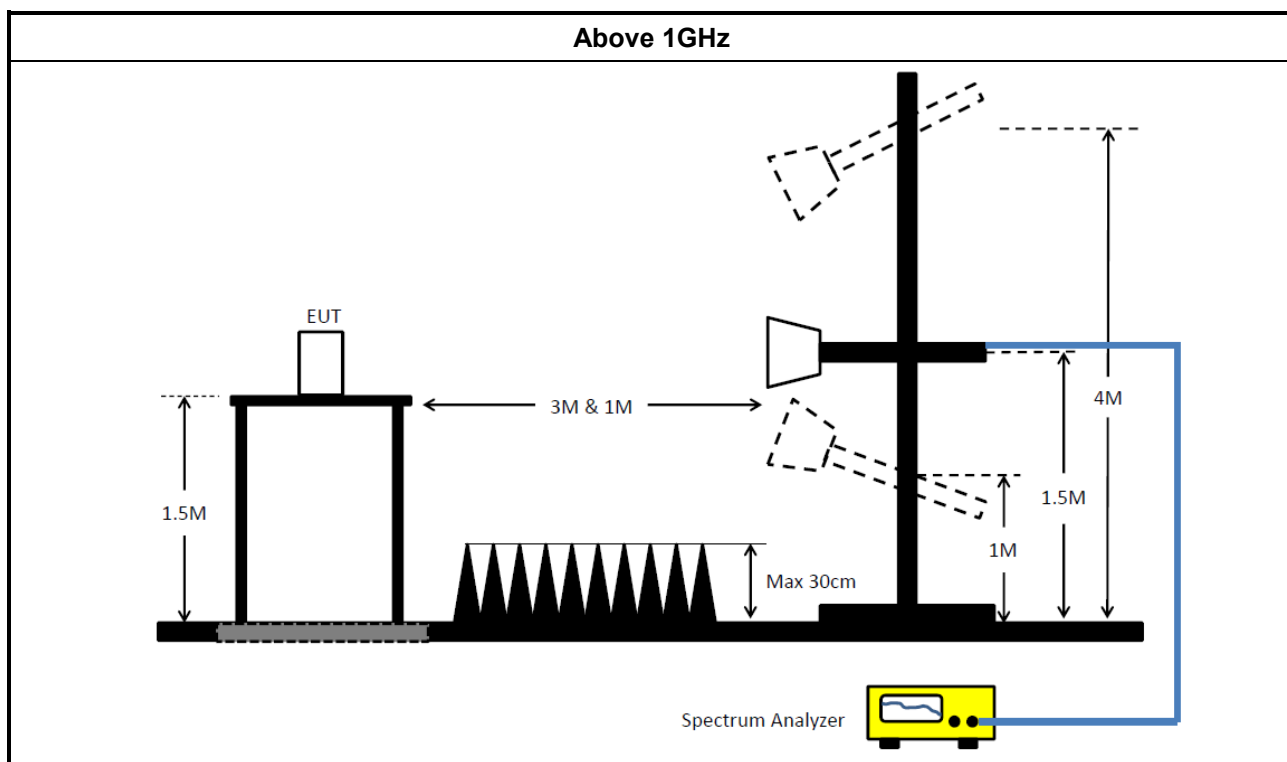
3.6.4 Measurement Results Calculation

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	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	RG142	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	1056	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV3044	101438	10Hz~44GHz	14/Oct/2025	13/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	183621	100kHz~40GHz	02/Jan/2025	01/Jan/2026
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	13/Feb/2025	12/Feb/2026
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	13/Feb/2025	12/Feb/2026
SENSE-15247_DTS	Sporton	V5.11.27	N/A	N/A	N/A	N/A

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	03CH03-HY	1GHz~18GHz 3m	13/Jul/2025	12/Jul/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101748	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	28/Oct/2025	27/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	02/Jul/2025	01/Jul/2026
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	19/May/2025	18/May/2026
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	23/Jul/2025	22/Jul/2026
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-EMI	Sporton	V5.11.9	NA	NA	NA	NA

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	13/Jul/2025	12/Jul/2026
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	13/Jul/2025	12/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101748	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	11/Oct/2025	10/Oct/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	07/Mar/2025	06/Mar/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	02/Jul/2025	01/Jul/2026
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	10/Jun/2025	09/Jun/2026
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	10/Jun/2025	09/Jun/2026
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	19/May/2025	18/May/2026
Amplifier	Agilent	8447D	2944A08033	100kHz~1.3GHz	12/Sep/2025	11/Sep/2026
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	23/Jul/2025	22/Jul/2026
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-15247_DTS	Sporton	V5.11.23	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

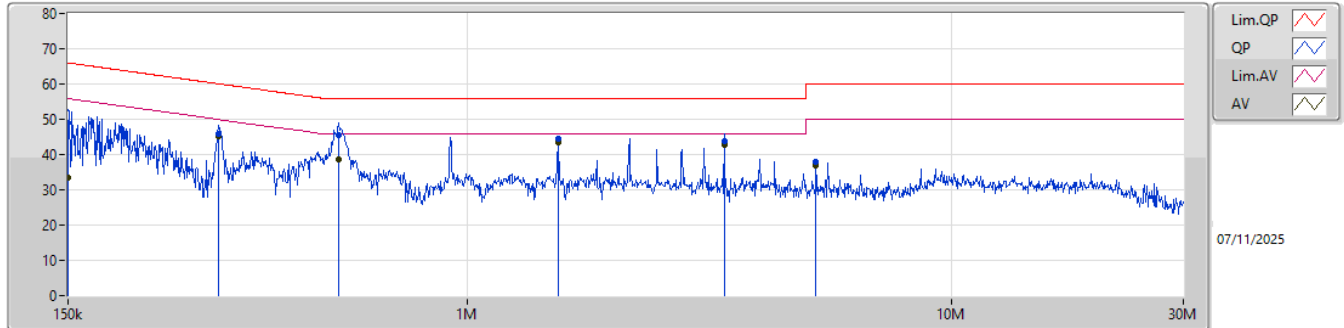
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	1.54M	43.57	46.00	-2.43	Neutral

Result

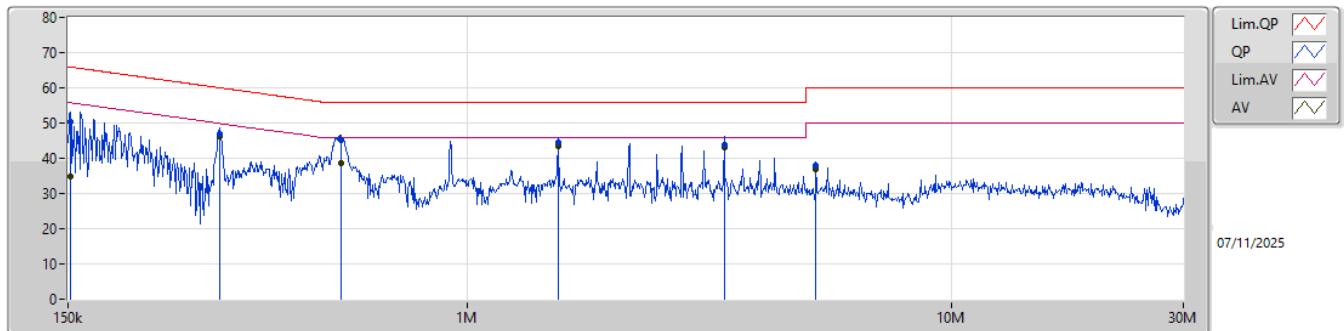
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	49.03	66.00	-16.97	Line
Mode 1	Pass	AV	150k	33.56	56.00	-22.44	Line
Mode 1	Pass	QP	306.5k	46.02	60.07	-14.05	Line
Mode 1	Pass	AV	306.5k	45.25	50.07	-4.82	Line
Mode 1	Pass	QP	542.43k	45.58	56.00	-10.42	Line
Mode 1	Pass	AV	542.43k	38.65	46.00	-7.35	Line
Mode 1	Pass	QP	1.54M	44.38	56.00	-11.62	Line
Mode 1	Pass	AV	1.54M	43.39	46.00	-2.61	Line
Mode 1	Pass	QP	3.39M	43.69	56.00	-12.31	Line
Mode 1	Pass	AV	3.39M	42.90	46.00	-3.10	Line
Mode 1	Pass	QP	5.24M	38.00	60.00	-22.00	Line
Mode 1	Pass	AV	5.24M	36.76	50.00	-13.24	Line
Mode 1	Pass	QP	151.81k	50.33	65.90	-15.57	Neutral
Mode 1	Pass	AV	151.81k	34.83	55.90	-21.07	Neutral
Mode 1	Pass	QP	307.72k	46.86	60.03	-13.17	Neutral
Mode 1	Pass	AV	307.72k	46.04	50.03	-3.99	Neutral
Mode 1	Pass	QP	548.97k	45.31	56.00	-10.69	Neutral
Mode 1	Pass	AV	548.97k	38.63	46.00	-7.37	Neutral
Mode 1	Pass	QP	1.54M	44.58	56.00	-11.42	Neutral
Mode 1	Pass	AV	1.54M	43.57	46.00	-2.43	Neutral
Mode 1	Pass	QP	3.39M	43.91	56.00	-12.09	Neutral
Mode 1	Pass	AV	3.39M	42.97	46.00	-3.03	Neutral
Mode 1	Pass	QP	5.24M	38.04	60.00	-21.96	Neutral
Mode 1	Pass	AV	5.24M	36.76	50.00	-13.24	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	150k	49.03	66.00	-16.97	19.77	Line	-	29.26	9.64	0.01	10.12								
AV	150k	33.56	56.00	-22.44	19.77	Line	-	13.79	9.64	0.01	10.12								
QP	306.5k	46.02	60.07	-14.05	19.77	Line	-	26.25	9.63	0.02	10.12								
AV	306.5k	45.25	50.07	-4.82	19.77	Line	-	25.48	9.63	0.02	10.12								
QP	542.43k	45.58	56.00	-10.42	19.79	Line	-	25.79	9.63	0.04	10.12								
AV	542.43k	38.65	46.00	-7.35	19.79	Line	-	18.86	9.63	0.04	10.12								
QP	1.54M	44.38	56.00	-11.62	19.82	Line	-	24.56	9.65	0.04	10.13								
AV	1.54M	43.39	46.00	-2.61	19.82	Line	-	23.57	9.65	0.04	10.13								
QP	3.39M	43.69	56.00	-12.31	19.84	Line	-	23.85	9.66	0.05	10.13								
AV	3.39M	42.90	46.00	-3.10	19.84	Line	-	23.06	9.66	0.05	10.13								
QP	5.24M	38.00	60.00	-22.00	19.91	Line	-	18.09	9.67	0.11	10.13								
AV	5.24M	36.76	50.00	-13.24	19.91	Line	-	16.85	9.67	0.11	10.13								

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	151.81k	50.33	65.90	-15.57	19.77	Neutral	-	30.56	9.64	0.01	10.12								
AV	151.81k	34.83	55.90	-21.07	19.77	Neutral	-	15.06	9.64	0.01	10.12								
QP	307.72k	46.86	60.03	-13.17	19.77	Neutral	-	27.09	9.63	0.02	10.12								
AV	307.72k	46.04	50.03	-3.99	19.77	Neutral	-	26.27	9.63	0.02	10.12								
QP	548.97k	45.31	56.00	-10.69	19.79	Neutral	-	25.52	9.63	0.04	10.12								
AV	548.97k	38.63	46.00	-7.37	19.79	Neutral	-	18.84	9.63	0.04	10.12								
QP	1.54M	44.58	56.00	-11.42	19.82	Neutral	-	24.76	9.65	0.04	10.13								
AV	1.54M	43.57	46.00	-2.43	19.82	Neutral	-	23.75	9.65	0.04	10.13								
QP	3.39M	43.91	56.00	-12.09	19.84	Neutral	-	24.07	9.66	0.05	10.13								
AV	3.39M	42.97	46.00	-3.03	19.84	Neutral	-	23.13	9.66	0.05	10.13								
QP	5.24M	38.04	60.00	-21.96	19.91	Neutral	-	18.13	9.67	0.11	10.13								
AV	5.24M	36.76	50.00	-13.24	19.91	Neutral	-	16.85	9.67	0.11	10.13								

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)_2TX	7.575M	13.805M	13M8G1D	6.575M	10.311M
802.11g_Nss1,(6Mbps)_2TX	16.4M	16.882M	16M9D1D	16.05M	16.423M
802.11n HT20_Nss1,(MCS0)_2TX	17.7M	18.185M	18M2D1D	15.1M	17.632M

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)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.1M	10.328M	6.575M	10.756M
2437MHz	Pass	500k	7.575M	13.805M	7.575M	13.186M
2462MHz	Pass	500k	7.575M	10.311M	7.575M	10.604M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.423M	16.35M	16.578M
2437MHz	Pass	500k	16.05M	16.597M	16.4M	16.835M
2462MHz	Pass	500k	16.35M	16.882M	16.325M	16.466M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.682M	17.575M	17.632M
2437MHz	Pass	500k	17.7M	17.751M	15.1M	18.185M
2462MHz	Pass	500k	17.65M	17.753M	16.925M	17.639M

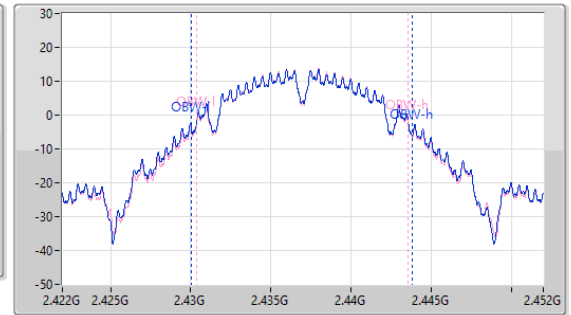
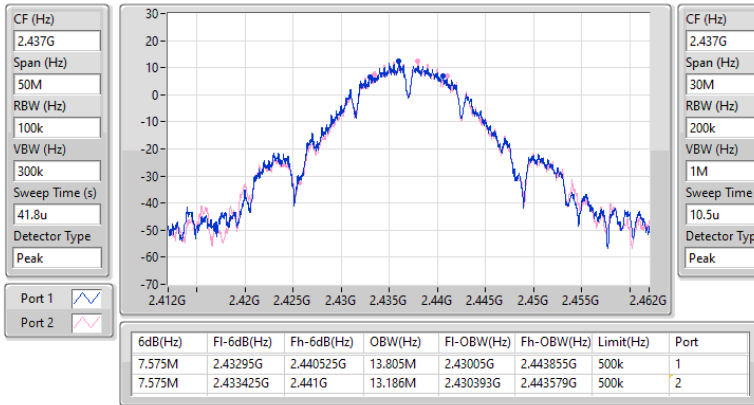
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

12/11/2025

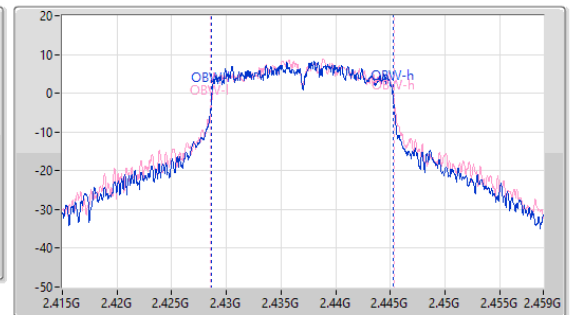
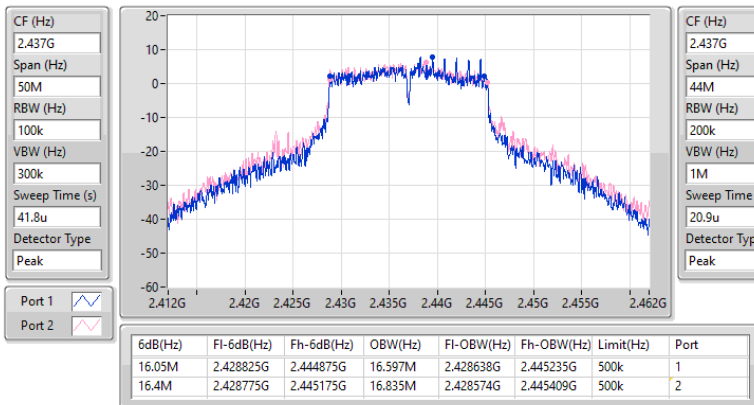


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

12/11/2025

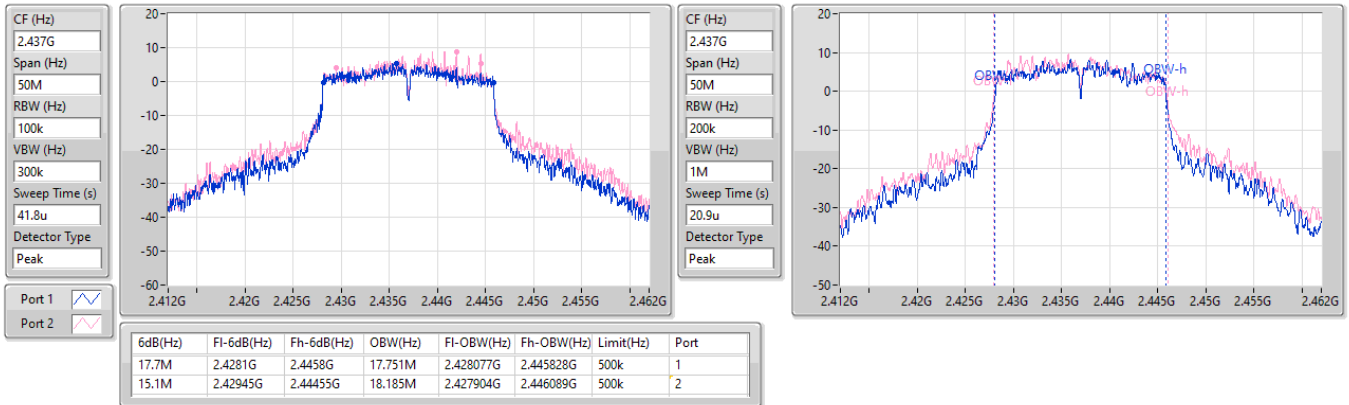


2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

12/11/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.88	0.30761
802.11g_Nss1,(6Mbps)_2TX	22.88	0.19409
802.11n HT20_Nss1,(MCS0)_2TX	22.90	0.19498

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.72	16.13	16.79	19.48	30.00
2417MHz	Pass	3.72	16.77	17.42	20.12	30.00
2437MHz	Pass	3.72	21.80	21.94	24.88	30.00
2457MHz	Pass	3.72	16.13	16.75	19.46	30.00
2462MHz	Pass	3.72	16.35	16.80	19.59	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.72	15.34	16.33	18.87	30.00
2417MHz	Pass	3.72	15.70	16.82	19.31	30.00
2437MHz	Pass	3.72	19.59	20.14	22.88	30.00
2457MHz	Pass	3.72	15.25	16.22	18.77	30.00
2462MHz	Pass	3.72	14.66	15.28	17.99	30.00
802.11n_HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.72	14.37	15.46	17.96	30.00
2417MHz	Pass	3.72	15.75	16.75	19.29	30.00
2437MHz	Pass	3.72	19.62	20.14	22.90	30.00
2457MHz	Pass	3.72	14.30	15.19	17.78	30.00
2462MHz	Pass	3.72	13.52	14.40	16.99	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)_2TX	-0.55
802.11g_Nss1,(6Mbps)_2TX	-3.21
802.11n HT20_Nss1,(MCS0)_2TX	-3.86

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.59	-7.42	-6.32	-5.48	7.41
2437MHz	Pass	6.59	-1.56	-2.58	-0.55	7.41
2462MHz	Pass	6.59	-6.71	-6.32	-4.29	7.41
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.59	-10.22	-8.37	-6.19	7.41
2437MHz	Pass	6.59	-5.69	-5.15	-3.21	7.41
2462MHz	Pass	6.59	-11.21	-9.82	-8.04	7.41
802.11n_HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.59	-11.70	-10.03	-9.01	7.41
2437MHz	Pass	6.59	-5.22	-5.37	-3.86	7.41
2462MHz	Pass	6.59	-12.37	-10.62	-9.92	7.41

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.

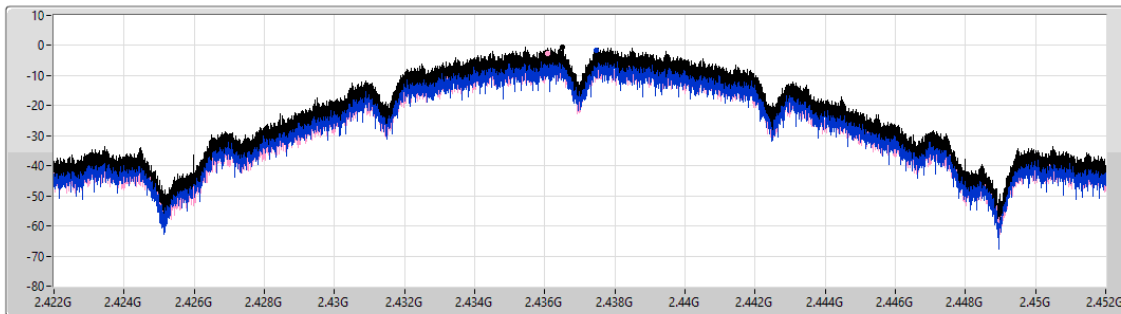
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

12/11/2025

CF (Hz)
2.437G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
1.4m
Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.55	-0.55	-1.56	-2.58

Sum
Port 1
Port 2

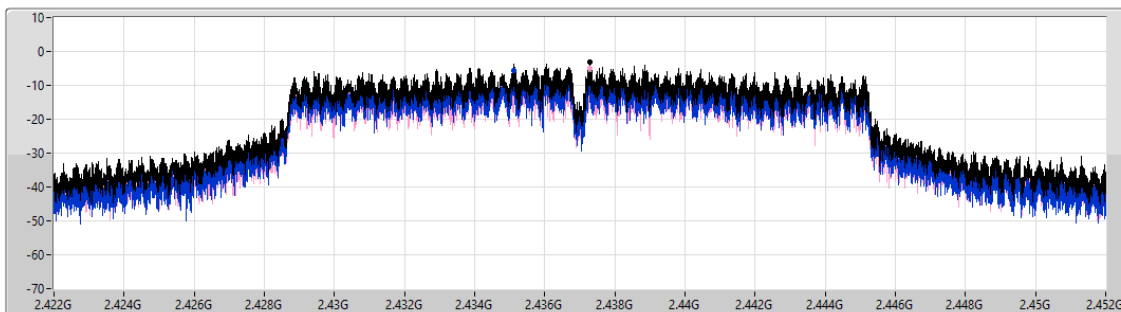
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

12/11/2025

CF (Hz)
2.437G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
1.4m
Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.21	-3.21	-5.69	-5.15

Sum
Port 1
Port 2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

12/11/2025

CF (Hz)
2.437G

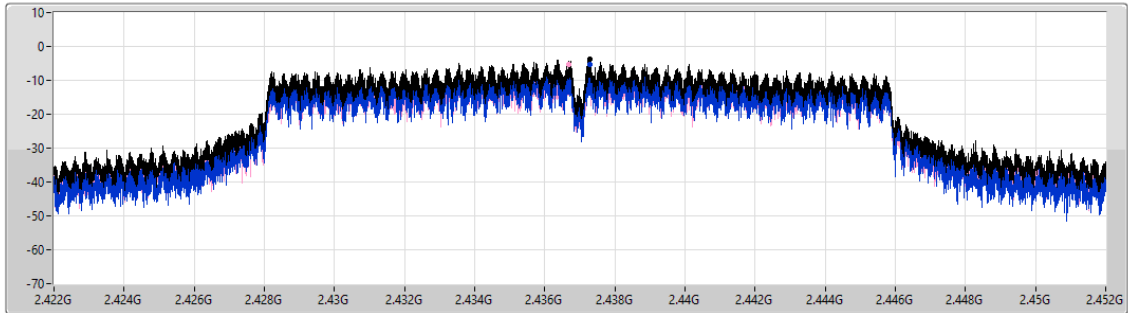
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.86	-3.86	-5.22	-5.37



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)_2TX	Pass	2.43591G	13.58	-16.42	2.17826G	-54.22	2.398G	-36.39	2.4G	-42.49	2.52334G	-55.42	21.86453G	-44.46	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	8.90	-21.10	2.16661G	-54.70	2.39856G	-29.56	2.4G	-31.50	2.51206G	-54.61	21.88139G	-43.54	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43574G	8.92	-21.08	2.30991G	-54.40	2.39856G	-27.14	2.4G	-31.65	2.51606G	-54.57	21.58357G	-44.08	2

Result

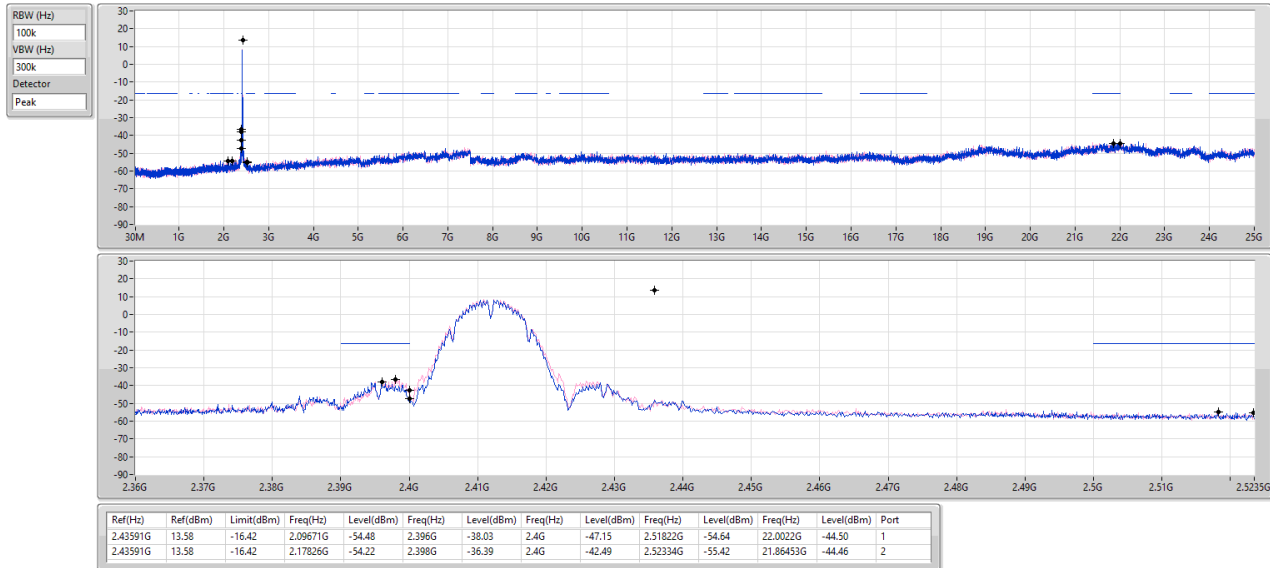
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43591G	13.58	-16.42	2.09671G	-54.48	2.396G	-38.03	2.4G	-47.15	2.51822G	-54.64	22.0022G	-44.50	1
2412MHz	Pass	2.43591G	13.58	-16.42	2.17826G	-54.22	2.398G	-36.39	2.4G	-42.49	2.52334G	-55.42	21.86453G	-44.46	2
2437MHz	Pass	2.43591G	13.58	-16.42	2.09322G	-55.50	2.39704G	-44.09	2.4G	-46.37	2.5075G	-54.14	21.66505G	-44.00	1
2437MHz	Pass	2.43591G	13.58	-16.42	2.18758G	-55.03	2.398G	-42.73	2.4G	-44.81	2.51246G	-54.04	21.63414G	-43.65	2
2462MHz	Pass	2.43591G	13.58	-16.42	1.82876G	-54.70	2.39992G	-54.38	2.4G	-55.24	2.5019G	-52.97	21.97129G	-44.36	1
2462MHz	Pass	2.43591G	13.58	-16.42	2.13865G	-53.85	2.39544G	-52.84	2.4G	-53.71	2.50206G	-53.19	21.42905G	-43.77	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	8.90	-21.10	2.11302G	-54.91	2.39928G	-32.94	2.4G	-34.06	2.51694G	-55.51	21.61729G	-44.71	1
2412MHz	Pass	2.43073G	8.90	-21.10	2.16661G	-54.70	2.39856G	-29.56	2.4G	-31.50	2.51206G	-54.61	21.88139G	-43.54	2
2437MHz	Pass	2.43073G	8.90	-21.10	1.99652G	-55.46	2.39984G	-40.03	2.4G	-39.12	2.50446G	-52.84	21.96848G	-44.49	1
2437MHz	Pass	2.43073G	8.90	-21.10	1.98837G	-54.68	2.39976G	-41.13	2.4G	-42.39	2.50038G	-52.70	21.474G	-44.06	2
2462MHz	Pass	2.43073G	8.90	-21.10	1.82643G	-54.64	2.3992G	-52.38	2.4G	-55.39	2.50406G	-51.47	21.71281G	-44.12	1
2462MHz	Pass	2.43073G	8.90	-21.10	2.30641G	-54.09	2.39776G	-52.53	2.4G	-52.67	2.50158G	-50.18	21.74091G	-44.40	2
802.11n_HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	8.92	-21.08	1.98604G	-55.23	2.39928G	-34.23	2.4G	-37.03	2.5011G	-54.63	21.46557G	-44.16	1
2412MHz	Pass	2.43574G	8.92	-21.08	2.30991G	-54.40	2.39856G	-27.14	2.4G	-31.65	2.51606G	-54.57	21.58357G	-44.08	2
2437MHz	Pass	2.43574G	8.92	-21.08	1.79265G	-55.04	2.39984G	-38.71	2.4G	-40.45	2.50014G	-52.10	22.0022G	-43.81	1
2437MHz	Pass	2.43574G	8.92	-21.08	1.98837G	-55.66	2.39984G	-39.17	2.4G	-38.47	2.50174G	-51.65	21.57514G	-44.66	2
2462MHz	Pass	2.43574G	8.92	-21.08	2.30991G	-53.72	2.39984G	-52.70	2.4G	-54.17	2.5003G	-52.96	22.0022G	-44.56	1
2462MHz	Pass	2.43574G	8.92	-21.08	2.30292G	-54.78	2.39528G	-51.52	2.4G	-54.07	2.50614G	-51.17	21.60886G	-44.07	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2412MHz

12/11/2025

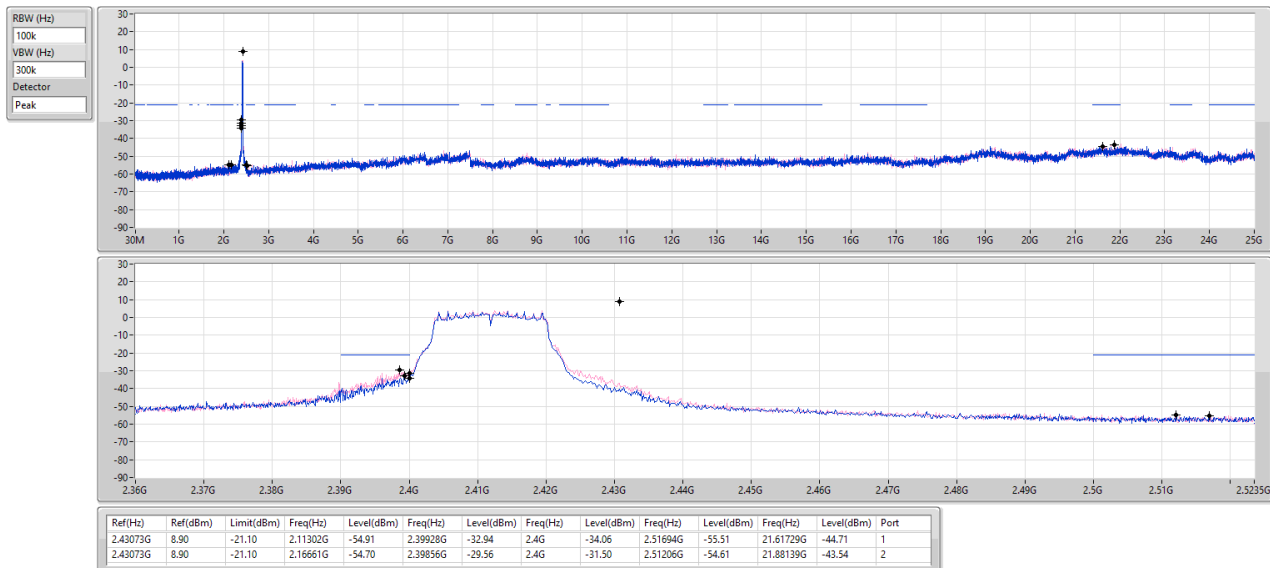


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

12/11/2025



2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_2TX

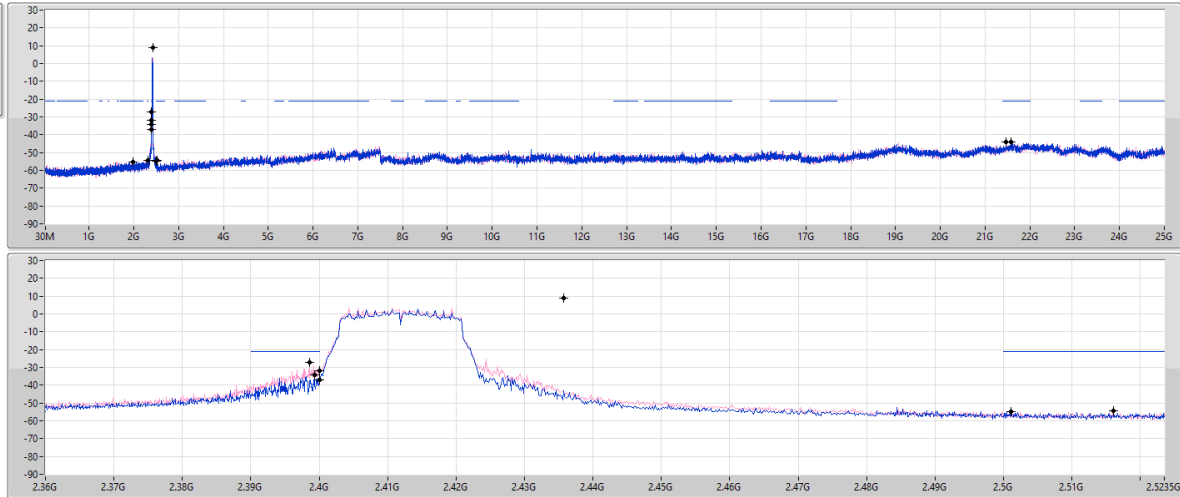
CSEndB

2412MHz

12/11/2025

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

Port 1
Port 2



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	8.92	-21.08	1.98604G	-55.23	2.39928G	-34.23	2.4G	-37.03	2.5011G	-54.63	21.46557G	-44.16	1
2.43574G	8.92	-21.08	2.30991G	-54.40	2.39856G	-27.14	2.4G	-31.65	2.51606G	-54.57	21.58357G	-44.08	2



Summary

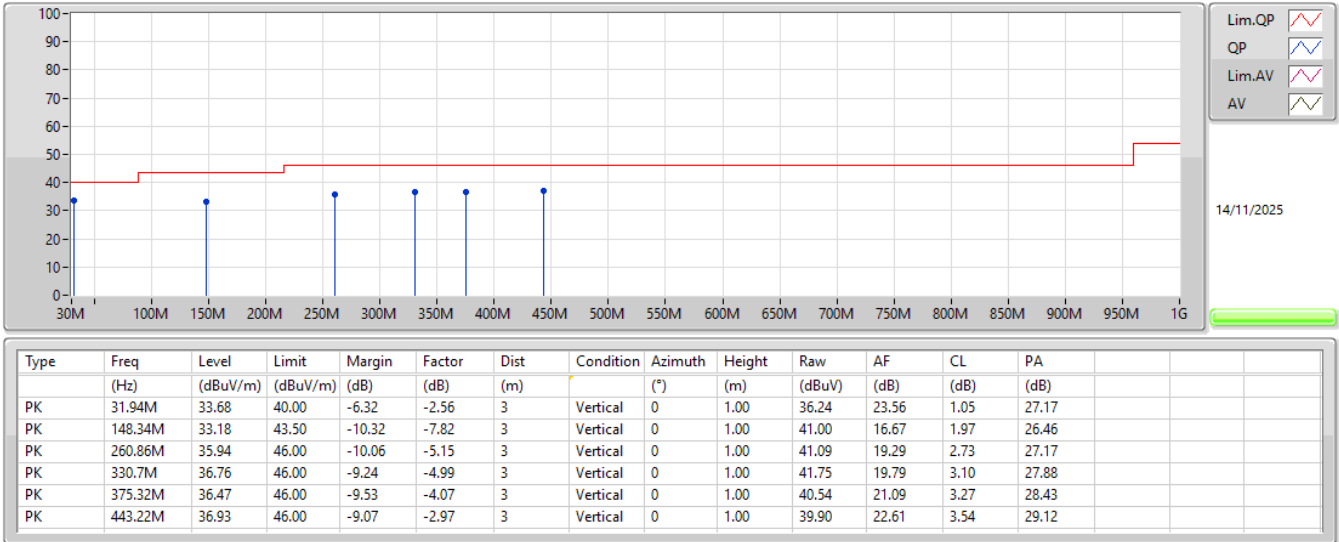
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	QP	288M	41.14	46.00	-4.86	3	Horizontal	164	1.00

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)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	31.94M	33.68	40.00	-6.32	3	Vertical	0	1.00
2437MHz	Pass	PK	148.34M	33.18	43.50	-10.32	3	Vertical	0	1.00
2437MHz	Pass	PK	260.86M	35.94	46.00	-10.06	3	Vertical	0	1.00
2437MHz	Pass	PK	330.7M	36.76	46.00	-9.24	3	Vertical	0	1.00
2437MHz	Pass	PK	375.32M	36.47	46.00	-9.53	3	Vertical	0	1.00
2437MHz	Pass	PK	443.22M	36.93	46.00	-9.07	3	Vertical	0	1.00
2437MHz	Pass	PK	30M	25.38	40.00	-14.62	3	Horizontal	360	1.00
2437MHz	Pass	PK	148.34M	33.93	43.50	-9.57	3	Horizontal	360	1.00
2437MHz	Pass	PK	220.12M	38.82	46.00	-7.18	3	Horizontal	360	1.00
2437MHz	Pass	PK	375.32M	39.17	46.00	-6.83	3	Horizontal	360	1.00
2437MHz	Pass	PK	540.22M	33.96	46.00	-12.04	3	Horizontal	360	1.00
2437MHz	Pass	QP	288M	41.14	46.00	-4.86	3	Horizontal	164	1.00

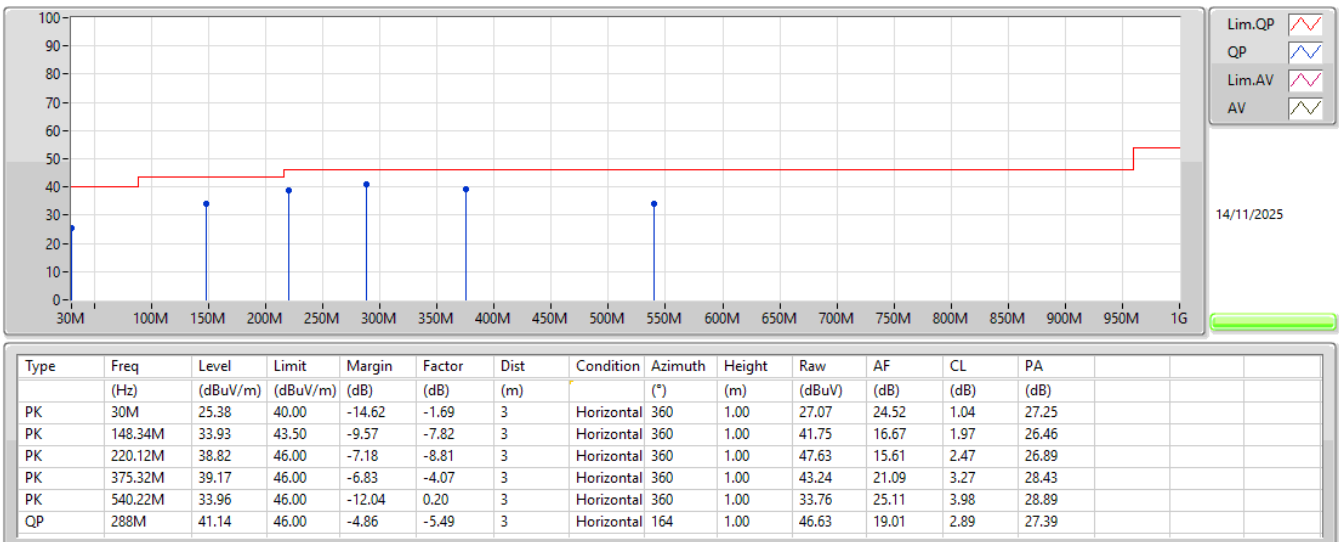
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_2TX

2437MHz_Adapter 12V



2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_2TX

2437MHz_Adapter 12V





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)_2TX	Pass	AV	2.3886G	52.94	54.00	-1.06	3	Vertical	176	1.58
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4836G	52.92	54.00	-1.08	3	Vertical	207	1.42
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	52.67	54.00	-1.33	3	Vertical	175	1.48

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3874G	51.79	54.00	-2.21	3	Vertical	173	1.66
2412MHz	Pass	AV	2.4128G	109.14	Inf	-Inf	3	Vertical	173	1.66
2412MHz	Pass	PK	2.3874G	60.83	74.00	-13.17	3	Vertical	173	1.66
2412MHz	Pass	PK	2.4128G	111.53	Inf	-Inf	3	Vertical	173	1.66
2412MHz	Pass	AV	2.3886G	52.39	54.00	-1.61	3	Horizontal	216	2.74
2412MHz	Pass	AV	2.4128G	106.28	Inf	-Inf	3	Horizontal	216	2.74
2412MHz	Pass	PK	2.3886G	60.67	74.00	-13.33	3	Horizontal	216	2.74
2412MHz	Pass	PK	2.4128G	108.71	Inf	-Inf	3	Horizontal	216	2.74
2412MHz	Pass	AV	4.82396G	37.94	54.00	-16.06	3	Vertical	174	1.55
2412MHz	Pass	PK	4.824G	47.52	74.00	-26.48	3	Vertical	174	1.55
2412MHz	Pass	AV	4.82396G	36.50	54.00	-17.50	3	Horizontal	136	1.41
2412MHz	Pass	PK	4.82396G	46.81	74.00	-27.19	3	Horizontal	136	1.41
2417MHz	Pass	AV	2.39G	51.95	54.00	-2.05	3	Vertical	174	1.53
2417MHz	Pass	AV	2.4162G	110.06	Inf	-Inf	3	Vertical	174	1.53
2417MHz	Pass	PK	2.39G	60.79	74.00	-13.21	3	Vertical	174	1.53
2417MHz	Pass	PK	2.416G	112.44	Inf	-Inf	3	Vertical	174	1.53
2417MHz	Pass	AV	2.39G	50.04	54.00	-3.96	3	Horizontal	232	2.79
2417MHz	Pass	AV	2.4162G	106.86	Inf	-Inf	3	Horizontal	232	2.79
2417MHz	Pass	PK	2.39G	60.20	74.00	-13.80	3	Horizontal	232	2.79
2417MHz	Pass	PK	2.416G	109.28	Inf	-Inf	3	Horizontal	232	2.79
2437MHz	Pass	AV	2.3886G	52.94	54.00	-1.06	3	Vertical	176	1.58
2437MHz	Pass	AV	2.4362G	114.86	Inf	-Inf	3	Vertical	176	1.58
2437MHz	Pass	AV	2.4854G	48.97	54.00	-5.03	3	Vertical	176	1.58
2437MHz	Pass	PK	2.3898G	60.89	74.00	-13.11	3	Vertical	176	1.58
2437MHz	Pass	PK	2.4362G	117.25	Inf	-Inf	3	Vertical	176	1.58
2437MHz	Pass	PK	2.487G	59.20	74.00	-14.80	3	Vertical	176	1.58
2437MHz	Pass	AV	2.3882G	50.62	54.00	-3.38	3	Horizontal	233	1.53
2437MHz	Pass	AV	2.4362G	110.17	Inf	-Inf	3	Horizontal	233	1.53
2437MHz	Pass	AV	2.4835G	47.60	54.00	-6.40	3	Horizontal	233	1.53
2437MHz	Pass	PK	2.3882G	59.03	74.00	-14.97	3	Horizontal	233	1.53
2437MHz	Pass	PK	2.4362G	112.55	Inf	-Inf	3	Horizontal	233	1.53
2437MHz	Pass	PK	2.4974G	59.12	74.00	-14.88	3	Horizontal	233	1.53
2437MHz	Pass	AV	4.87396G	39.18	54.00	-14.82	3	Vertical	182	1.49
2437MHz	Pass	AV	7.31012G	44.03	54.00	-9.97	3	Vertical	190	2.31
2437MHz	Pass	PK	4.874G	47.45	74.00	-26.55	3	Vertical	182	1.49
2437MHz	Pass	PK	7.3116G	53.58	74.00	-20.42	3	Vertical	190	2.31
2437MHz	Pass	AV	4.87396G	40.29	54.00	-13.71	3	Horizontal	219	2.14
2437MHz	Pass	AV	7.31012G	41.02	54.00	-12.98	3	Horizontal	216	1.50
2437MHz	Pass	PK	4.87408G	48.43	74.00	-25.57	3	Horizontal	219	2.14
2437MHz	Pass	PK	7.31112G	52.31	74.00	-21.69	3	Horizontal	216	1.50
2457MHz	Pass	AV	2.4562G	110.20	Inf	-Inf	3	Vertical	176	1.50
2457MHz	Pass	AV	2.4836G	51.17	54.00	-2.83	3	Vertical	176	1.50
2457MHz	Pass	PK	2.456G	112.59	Inf	-Inf	3	Vertical	176	1.50
2457MHz	Pass	PK	2.4835G	60.83	74.00	-13.17	3	Vertical	176	1.50
2457MHz	Pass	AV	2.4562G	104.53	Inf	-Inf	3	Horizontal	232	1.46
2457MHz	Pass	AV	2.4836G	48.58	54.00	-5.42	3	Horizontal	232	1.46
2457MHz	Pass	PK	2.456G	107.00	Inf	-Inf	3	Horizontal	232	1.46
2457MHz	Pass	PK	2.4838G	59.25	74.00	-14.75	3	Horizontal	232	1.46
2462MHz	Pass	AV	2.4612G	109.63	Inf	-Inf	3	Vertical	176	1.50
2462MHz	Pass	AV	2.4866G	50.94	54.00	-3.06	3	Vertical	176	1.50
2462MHz	Pass	PK	2.461G	112.04	Inf	-Inf	3	Vertical	176	1.50
2462MHz	Pass	PK	2.4864G	60.92	74.00	-13.08	3	Vertical	176	1.50
2462MHz	Pass	AV	2.4628G	104.71	Inf	-Inf	3	Horizontal	232	1.36
2462MHz	Pass	AV	2.4866G	48.10	54.00	-5.90	3	Horizontal	232	1.36
2462MHz	Pass	PK	2.4628G	107.12	Inf	-Inf	3	Horizontal	232	1.36
2462MHz	Pass	PK	2.4866G	59.33	74.00	-14.67	3	Horizontal	232	1.36
2462MHz	Pass	AV	4.92396G	40.65	54.00	-13.35	3	Vertical	165	2.74
2462MHz	Pass	AV	7.38504G	38.43	54.00	-15.57	3	Vertical	152	1.55
2462MHz	Pass	PK	4.92392G	48.58	74.00	-25.42	3	Vertical	165	2.74
2462MHz	Pass	PK	7.38764G	51.35	74.00	-22.65	3	Vertical	152	1.55

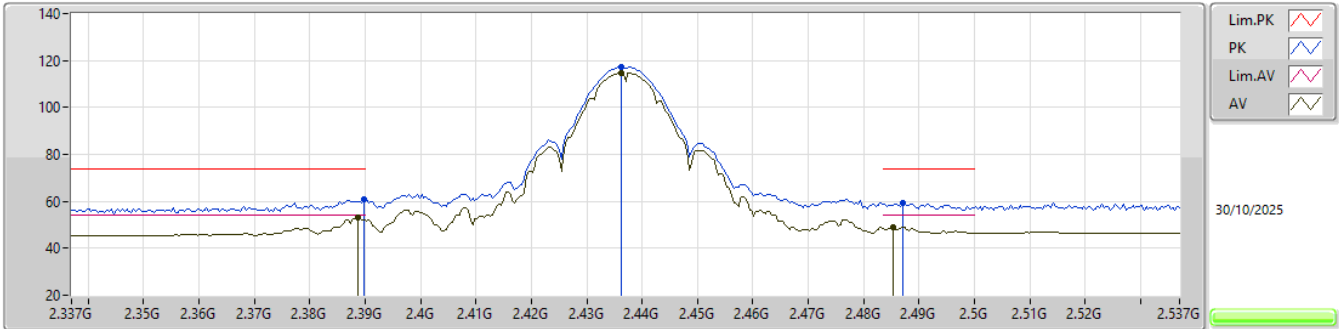
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	AV	4.92396G	40.25	54.00	-13.75	3	Horizontal	106	1.42
2462MHz	Pass	AV	7.385G	38.94	54.00	-15.06	3	Horizontal	109	1.53
2462MHz	Pass	PK	4.92396G	49.01	74.00	-24.99	3	Horizontal	106	1.42
2462MHz	Pass	PK	7.396G	51.33	74.00	-22.67	3	Horizontal	109	1.53
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.81	54.00	-2.19	3	Vertical	175	1.41
2412MHz	Pass	AV	2.4106G	103.79	Inf	-Inf	3	Vertical	175	1.41
2412MHz	Pass	PK	2.3898G	71.02	74.00	-2.98	3	Vertical	175	1.41
2412MHz	Pass	PK	2.4108G	112.46	Inf	-Inf	3	Vertical	175	1.41
2412MHz	Pass	AV	2.39G	51.60	54.00	-2.40	3	Horizontal	232	2.51
2412MHz	Pass	AV	2.4112G	102.79	Inf	-Inf	3	Horizontal	232	2.51
2412MHz	Pass	PK	2.39G	70.17	74.00	-3.83	3	Horizontal	232	2.51
2412MHz	Pass	PK	2.4108G	111.09	Inf	-Inf	3	Horizontal	232	2.51
2412MHz	Pass	AV	4.82016G	33.21	54.00	-20.79	3	Vertical	179	1.45
2412MHz	Pass	PK	4.8153G	45.63	74.00	-28.37	3	Vertical	179	1.45
2412MHz	Pass	AV	4.8342G	32.80	54.00	-21.20	3	Horizontal	196	2.16
2412MHz	Pass	PK	4.83558G	45.22	74.00	-28.78	3	Horizontal	196	2.16
2417MHz	Pass	AV	2.3898G	52.35	54.00	-1.65	3	Vertical	173	1.18
2417MHz	Pass	AV	2.416G	105.59	Inf	-Inf	3	Vertical	173	1.18
2417MHz	Pass	PK	2.3894G	67.82	74.00	-6.18	3	Vertical	173	1.18
2417MHz	Pass	PK	2.4158G	114.13	Inf	-Inf	3	Vertical	173	1.18
2417MHz	Pass	AV	2.3886G	50.39	54.00	-3.61	3	Horizontal	217	2.48
2417MHz	Pass	AV	2.4162G	103.83	Inf	-Inf	3	Horizontal	217	2.48
2417MHz	Pass	PK	2.3892G	66.30	74.00	-7.70	3	Horizontal	217	2.48
2417MHz	Pass	PK	2.416G	111.97	Inf	-Inf	3	Horizontal	217	2.48
2437MHz	Pass	AV	2.3898G	50.84	54.00	-3.16	3	Vertical	176	1.58
2437MHz	Pass	AV	2.4346G	108.02	Inf	-Inf	3	Vertical	176	1.58
2437MHz	Pass	AV	2.4835G	48.80	54.00	-5.20	3	Vertical	176	1.58
2437MHz	Pass	PK	2.3894G	63.55	74.00	-10.45	3	Vertical	176	1.58
2437MHz	Pass	PK	2.435G	116.28	Inf	-Inf	3	Vertical	176	1.58
2437MHz	Pass	PK	2.4838G	61.07	74.00	-12.93	3	Vertical	176	1.58
2437MHz	Pass	AV	2.3894G	50.77	54.00	-3.23	3	Horizontal	220	2.46
2437MHz	Pass	AV	2.4378G	106.21	Inf	-Inf	3	Horizontal	220	2.46
2437MHz	Pass	AV	2.4835G	47.30	54.00	-6.70	3	Horizontal	220	2.46
2437MHz	Pass	PK	2.3874G	63.02	74.00	-10.98	3	Horizontal	220	2.46
2437MHz	Pass	PK	2.4378G	114.36	Inf	-Inf	3	Horizontal	220	2.46
2437MHz	Pass	PK	2.4838G	59.02	74.00	-14.98	3	Horizontal	220	2.46
2437MHz	Pass	AV	4.87508G	33.62	54.00	-20.38	3	Vertical	175	1.50
2437MHz	Pass	AV	7.31478G	39.16	54.00	-14.84	3	Vertical	153	1.50
2437MHz	Pass	PK	4.88108G	46.08	74.00	-27.92	3	Vertical	175	1.50
2437MHz	Pass	PK	7.31184G	51.68	74.00	-22.32	3	Vertical	153	1.50
2437MHz	Pass	AV	4.8755G	33.16	54.00	-20.84	3	Horizontal	106	1.20
2437MHz	Pass	AV	7.30992G	39.24	54.00	-14.76	3	Horizontal	109	1.50
2437MHz	Pass	PK	4.87646G	45.27	74.00	-28.73	3	Horizontal	106	1.20
2437MHz	Pass	PK	7.31466G	51.88	74.00	-22.12	3	Horizontal	109	1.50
2457MHz	Pass	AV	2.4586G	104.14	Inf	-Inf	3	Vertical	207	1.42
2457MHz	Pass	AV	2.4836G	52.92	54.00	-1.08	3	Vertical	207	1.42
2457MHz	Pass	PK	2.4588G	112.84	Inf	-Inf	3	Vertical	207	1.42
2457MHz	Pass	PK	2.4844G	69.72	74.00	-4.28	3	Vertical	207	1.42
2457MHz	Pass	AV	2.4562G	103.02	Inf	-Inf	3	Horizontal	220	2.53
2457MHz	Pass	AV	2.4836G	52.71	54.00	-1.29	3	Horizontal	220	2.53
2457MHz	Pass	PK	2.4558G	111.23	Inf	-Inf	3	Horizontal	220	2.53
2457MHz	Pass	PK	2.4835G	70.97	74.00	-3.03	3	Horizontal	220	2.53
2462MHz	Pass	AV	2.4612G	104.13	Inf	-Inf	3	Vertical	175	1.62
2462MHz	Pass	AV	2.4835G	52.50	54.00	-1.50	3	Vertical	175	1.62
2462MHz	Pass	PK	2.461G	112.49	Inf	-Inf	3	Vertical	175	1.62
2462MHz	Pass	PK	2.4836G	71.19	74.00	-2.81	3	Vertical	175	1.62
2462MHz	Pass	AV	2.461G	101.15	Inf	-Inf	3	Horizontal	220	2.56
2462MHz	Pass	AV	2.4835G	49.95	54.00	-4.05	3	Horizontal	220	2.56
2462MHz	Pass	PK	2.4608G	109.43	Inf	-Inf	3	Horizontal	220	2.56
2462MHz	Pass	PK	2.4835G	71.53	74.00	-2.47	3	Horizontal	220	2.56
2462MHz	Pass	AV	4.91992G	33.73	54.00	-20.27	3	Vertical	168	2.52

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	AV	7.38318G	38.06	54.00	-15.94	3	Vertical	121	2.86
2462MHz	Pass	PK	4.92406G	45.96	74.00	-28.04	3	Vertical	168	2.52
2462MHz	Pass	PK	7.39212G	50.38	74.00	-23.62	3	Vertical	121	2.86
2462MHz	Pass	AV	4.91644G	33.46	54.00	-20.54	3	Horizontal	90	1.49
2462MHz	Pass	AV	7.38252G	38.13	54.00	-15.87	3	Horizontal	244	1.50
2462MHz	Pass	PK	4.90984G	45.57	74.00	-28.43	3	Horizontal	90	1.49
2462MHz	Pass	PK	7.37592G	50.31	74.00	-23.69	3	Horizontal	244	1.50
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3892G	51.83	54.00	-2.17	3	Vertical	174	1.28
2412MHz	Pass	AV	2.4112G	103.96	Inf	-Inf	3	Vertical	174	1.28
2412MHz	Pass	PK	2.389G	70.58	74.00	-3.42	3	Vertical	174	1.28
2412MHz	Pass	PK	2.4114G	112.87	Inf	-Inf	3	Vertical	174	1.28
2412MHz	Pass	AV	2.3898G	51.84	54.00	-2.16	3	Horizontal	231	2.44
2412MHz	Pass	AV	2.4114G	101.35	Inf	-Inf	3	Horizontal	231	2.44
2412MHz	Pass	PK	2.3892G	70.49	74.00	-3.51	3	Horizontal	231	2.44
2412MHz	Pass	PK	2.4088G	109.46	Inf	-Inf	3	Horizontal	231	2.44
2412MHz	Pass	AV	4.82208G	32.83	54.00	-21.17	3	Vertical	176	1.32
2412MHz	Pass	PK	4.81188G	45.75	74.00	-28.25	3	Vertical	176	1.32
2412MHz	Pass	AV	4.83396G	32.57	54.00	-21.43	3	Horizontal	294	2.91
2412MHz	Pass	PK	4.83036G	45.74	74.00	-28.26	3	Horizontal	294	2.91
2417MHz	Pass	AV	2.39G	52.05	54.00	-1.95	3	Vertical	174	1.20
2417MHz	Pass	AV	2.4176G	104.71	Inf	-Inf	3	Vertical	174	1.20
2417MHz	Pass	PK	2.385G	66.97	74.00	-7.03	3	Vertical	174	1.20
2417MHz	Pass	PK	2.4182G	113.18	Inf	-Inf	3	Vertical	174	1.20
2417MHz	Pass	AV	2.3896G	52.14	54.00	-1.86	3	Horizontal	232	2.47
2417MHz	Pass	AV	2.4164G	102.59	Inf	-Inf	3	Horizontal	232	2.47
2417MHz	Pass	PK	2.3892G	67.48	74.00	-6.52	3	Horizontal	232	2.47
2417MHz	Pass	PK	2.4162G	110.85	Inf	-Inf	3	Horizontal	232	2.47
2437MHz	Pass	AV	2.3898G	52.67	54.00	-1.33	3	Vertical	175	1.48
2437MHz	Pass	AV	2.4346G	107.82	Inf	-Inf	3	Vertical	175	1.48
2437MHz	Pass	AV	2.4835G	49.95	54.00	-4.05	3	Vertical	175	1.48
2437MHz	Pass	PK	2.3874G	65.07	74.00	-8.93	3	Vertical	175	1.48
2437MHz	Pass	PK	2.4346G	116.73	Inf	-Inf	3	Vertical	175	1.48
2437MHz	Pass	PK	2.485G	62.65	74.00	-11.35	3	Vertical	175	1.48
2437MHz	Pass	AV	2.3898G	52.08	54.00	-1.92	3	Horizontal	235	2.44
2437MHz	Pass	AV	2.4378G	105.43	Inf	-Inf	3	Horizontal	235	2.44
2437MHz	Pass	AV	2.4835G	48.60	54.00	-5.40	3	Horizontal	235	2.44
2437MHz	Pass	PK	2.3898G	65.05	74.00	-8.95	3	Horizontal	235	2.44
2437MHz	Pass	PK	2.4374G	114.69	Inf	-Inf	3	Horizontal	235	2.44
2437MHz	Pass	PK	2.4846G	60.94	74.00	-13.06	3	Horizontal	235	2.44
2437MHz	Pass	AV	4.87682G	33.90	54.00	-20.10	3	Vertical	165	2.48
2437MHz	Pass	AV	7.30974G	39.38	54.00	-14.62	3	Vertical	227	2.24
2437MHz	Pass	PK	4.88G	46.28	74.00	-27.72	3	Vertical	165	2.48
2437MHz	Pass	PK	7.3071G	51.95	74.00	-22.05	3	Vertical	227	2.24
2437MHz	Pass	AV	4.8773G	33.44	54.00	-20.56	3	Horizontal	90	1.50
2437MHz	Pass	AV	7.31154G	39.01	54.00	-14.99	3	Horizontal	107	1.49
2437MHz	Pass	PK	4.88114G	46.32	74.00	-27.68	3	Horizontal	90	1.50
2437MHz	Pass	PK	7.31148G	51.47	74.00	-22.53	3	Horizontal	107	1.49
2457MHz	Pass	AV	2.4566G	103.24	Inf	-Inf	3	Vertical	172	1.54
2457MHz	Pass	AV	2.4835G	50.23	54.00	-3.77	3	Vertical	172	1.54
2457MHz	Pass	PK	2.459G	112.33	Inf	-Inf	3	Vertical	172	1.54
2457MHz	Pass	PK	2.4848G	69.38	74.00	-4.62	3	Vertical	172	1.54
2457MHz	Pass	AV	2.4576G	101.50	Inf	-Inf	3	Horizontal	218	2.54
2457MHz	Pass	AV	2.4835G	49.56	54.00	-4.44	3	Horizontal	218	2.54
2457MHz	Pass	PK	2.4546G	110.04	Inf	-Inf	3	Horizontal	218	2.54
2457MHz	Pass	PK	2.4835G	72.48	74.00	-1.52	3	Horizontal	218	2.54
2462MHz	Pass	AV	2.4614G	102.26	Inf	-Inf	3	Vertical	172	1.53
2462MHz	Pass	AV	2.4848G	50.59	54.00	-3.41	3	Vertical	172	1.53
2462MHz	Pass	PK	2.4638G	110.99	Inf	-Inf	3	Vertical	172	1.53
2462MHz	Pass	PK	2.4838G	70.75	74.00	-3.25	3	Vertical	172	1.53
2462MHz	Pass	AV	2.4612G	99.80	Inf	-Inf	3	Horizontal	217	2.58
2462MHz	Pass	AV	2.4835G	48.86	54.00	-5.14	3	Horizontal	217	2.58

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	PK	2.4614G	108.54	Inf	-Inf	3	Horizontal	217	2.58
2462MHz	Pass	PK	2.4866G	71.16	74.00	-2.84	3	Horizontal	217	2.58
2462MHz	Pass	AV	4.91722G	33.90	54.00	-20.10	3	Vertical	167	1.35
2462MHz	Pass	AV	7.3842G	38.25	54.00	-15.75	3	Vertical	209	1.50
2462MHz	Pass	PK	4.91128G	46.23	74.00	-27.77	3	Vertical	167	1.35
2462MHz	Pass	PK	7.38234G	51.04	74.00	-22.96	3	Vertical	209	1.50
2462MHz	Pass	AV	4.91716G	33.82	54.00	-20.18	3	Horizontal	101	1.50
2462MHz	Pass	AV	7.38318G	38.34	54.00	-15.66	3	Horizontal	104	1.50
2462MHz	Pass	PK	4.91086G	46.60	74.00	-27.40	3	Horizontal	101	1.50
2462MHz	Pass	PK	7.38858G	51.46	74.00	-22.54	3	Horizontal	104	1.50

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

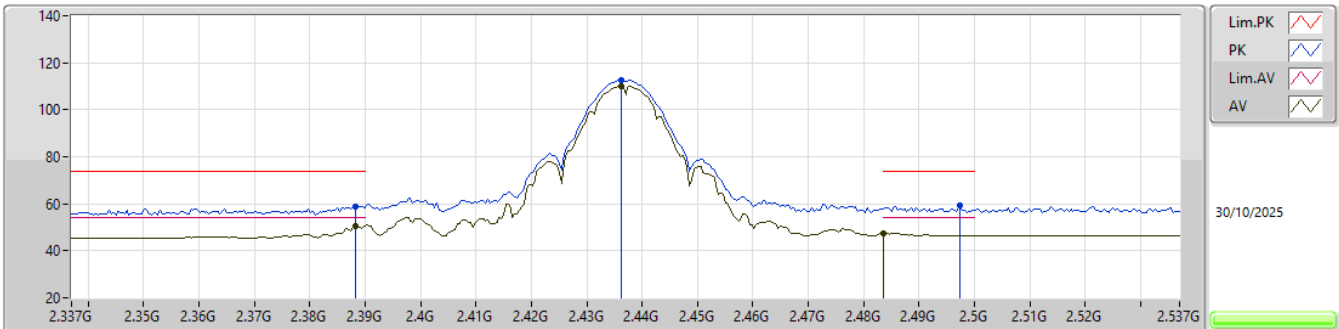
2437MHz_TX



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	2.3886G	52.94	54.00	-1.06	32.39	3	Vertical	176	1.58	20.55	27.49	4.90	-
AV	2.4362G	114.86	Inf	-Inf	32.71	3	Vertical	176	1.58	82.15	27.76	4.95	-
AV	2.4854G	48.97	54.00	-5.03	32.95	3	Vertical	176	1.58	16.02	27.95	5.00	-
PK	2.3898G	60.89	74.00	-13.11	32.40	3	Vertical	176	1.58	28.49	27.50	4.90	-
PK	2.4362G	117.25	Inf	-Inf	32.71	3	Vertical	176	1.58	84.54	27.76	4.95	-
PK	2.487G	59.20	74.00	-14.80	32.97	3	Vertical	176	1.58	26.23	27.97	5.00	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

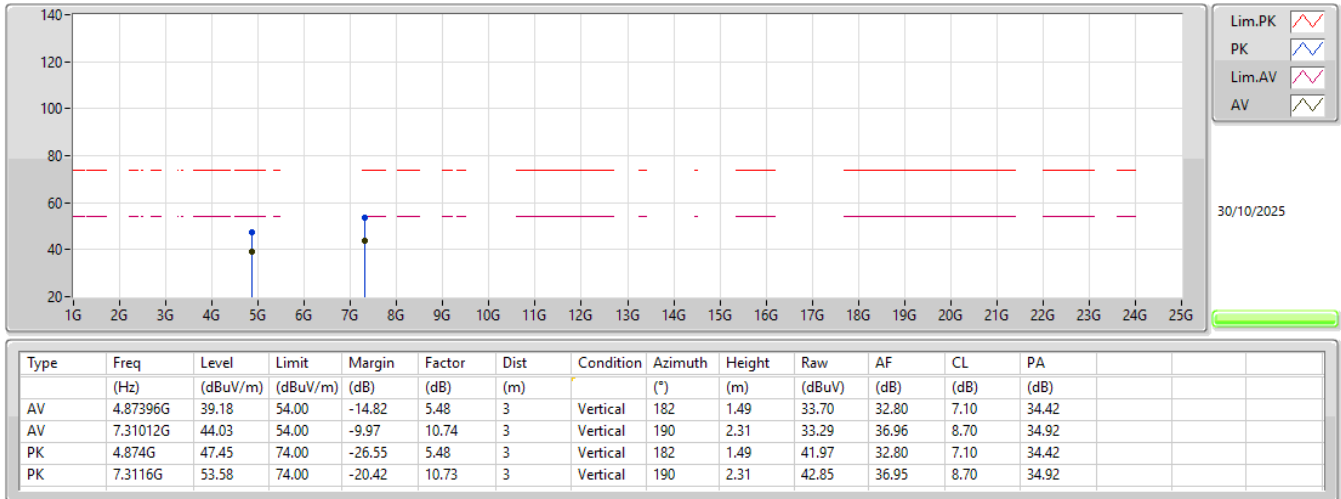
2437MHz_TX



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	2.3882G	50.62	54.00	-3.38	32.38	3	Horizontal	233	1.53	18.24	27.48	4.90	-
AV	2.4362G	110.17	Inf	-Inf	32.71	3	Horizontal	233	1.53	77.46	27.76	4.95	-
AV	2.4835G	47.60	54.00	-6.40	32.93	3	Horizontal	233	1.53	14.67	27.94	4.99	-
PK	2.3882G	59.03	74.00	-14.97	32.38	3	Horizontal	233	1.53	26.65	27.48	4.90	-
PK	2.4362G	112.55	Inf	-Inf	32.71	3	Horizontal	233	1.53	79.84	27.76	4.95	-
PK	2.4974G	59.12	74.00	-14.88	33.01	3	Horizontal	233	1.53	26.11	28.00	5.01	-

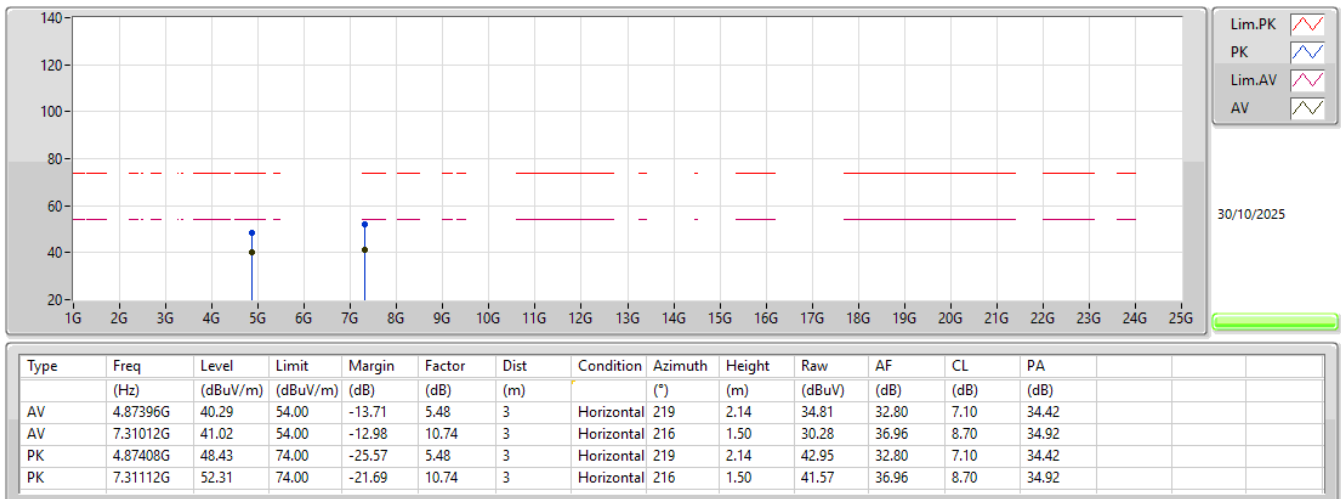
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX



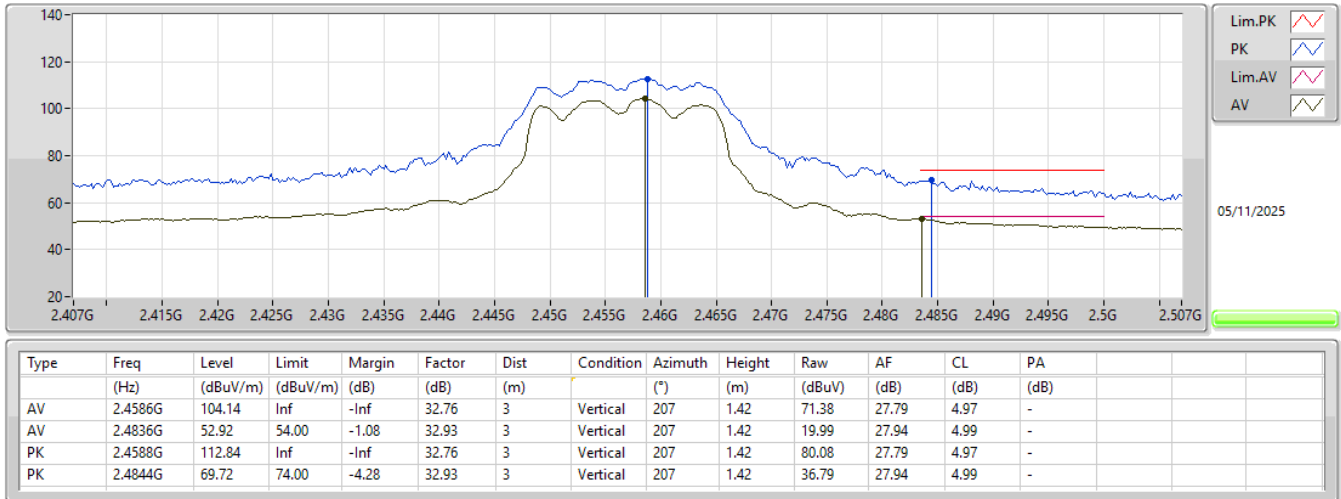
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2437MHz_TX



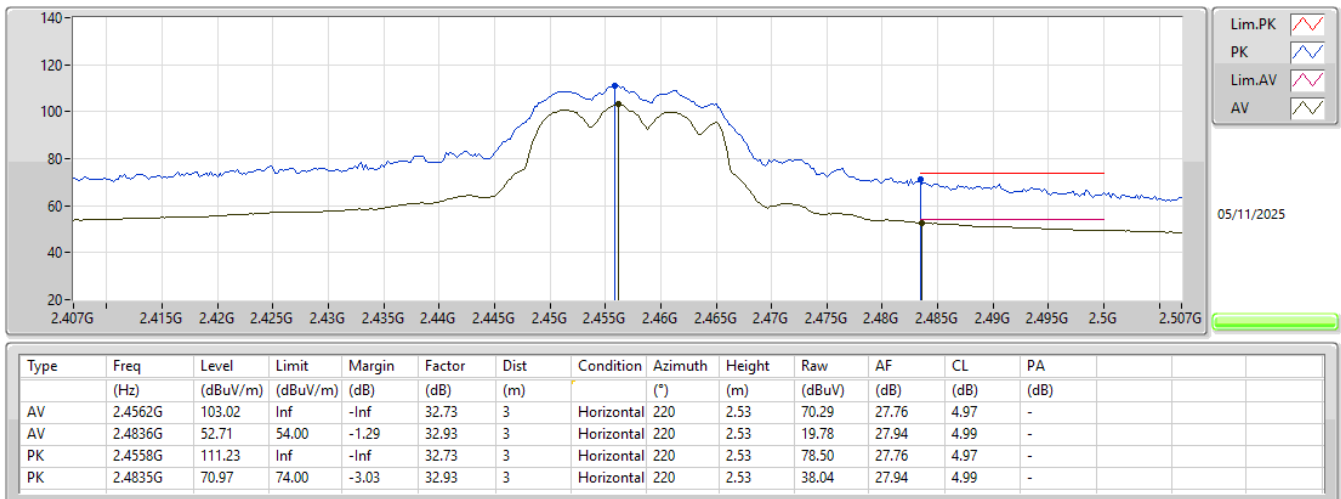
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2457MHz_TX



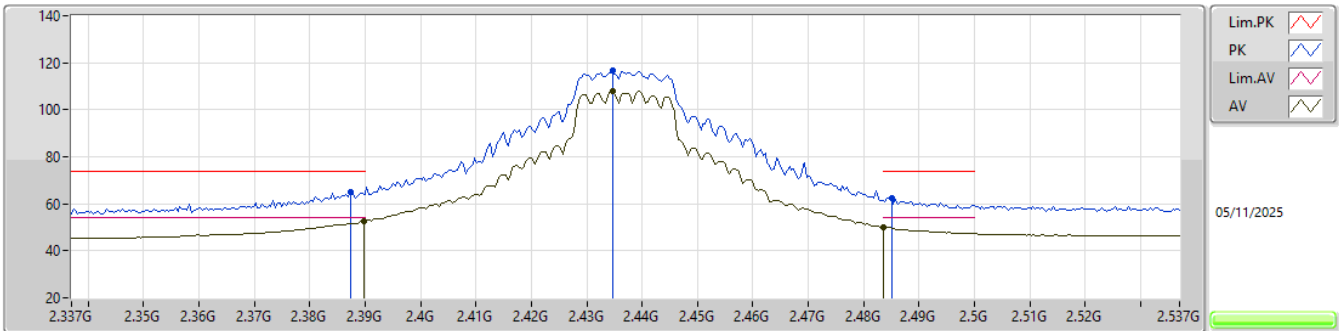
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_2TX

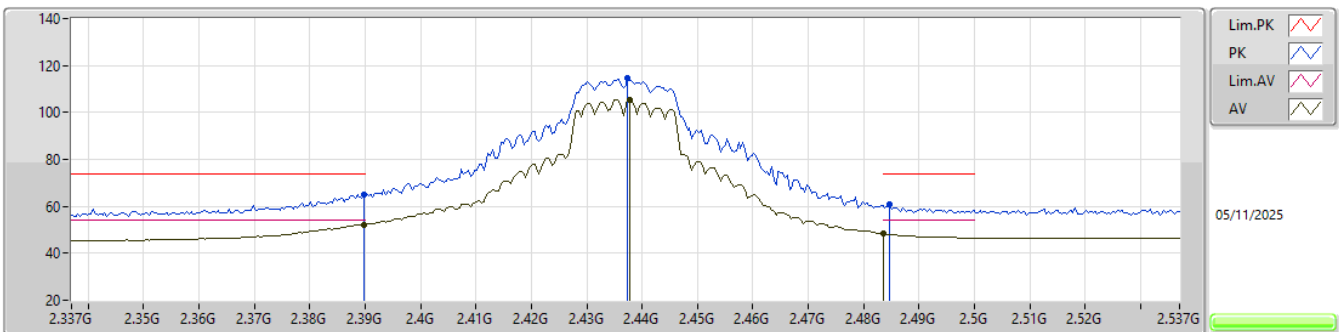
2437MHz_TX



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	2.3898G	52.67	54.00	-1.33	32.40	3	Vertical	175	1.48	20.27	27.50	4.90	-
AV	2.4346G	107.82	Inf	-Inf	32.69	3	Vertical	175	1.48	75.13	27.75	4.94	-
AV	2.4835G	49.95	54.00	-4.05	32.93	3	Vertical	175	1.48	17.02	27.94	4.99	-
PK	2.3874G	65.07	74.00	-8.93	32.37	3	Vertical	175	1.48	32.70	27.47	4.90	-
PK	2.4346G	116.73	Inf	-Inf	32.69	3	Vertical	175	1.48	84.04	27.75	4.94	-
PK	2.485G	62.65	74.00	-11.35	32.95	3	Vertical	175	1.48	29.70	27.95	5.00	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_2TX

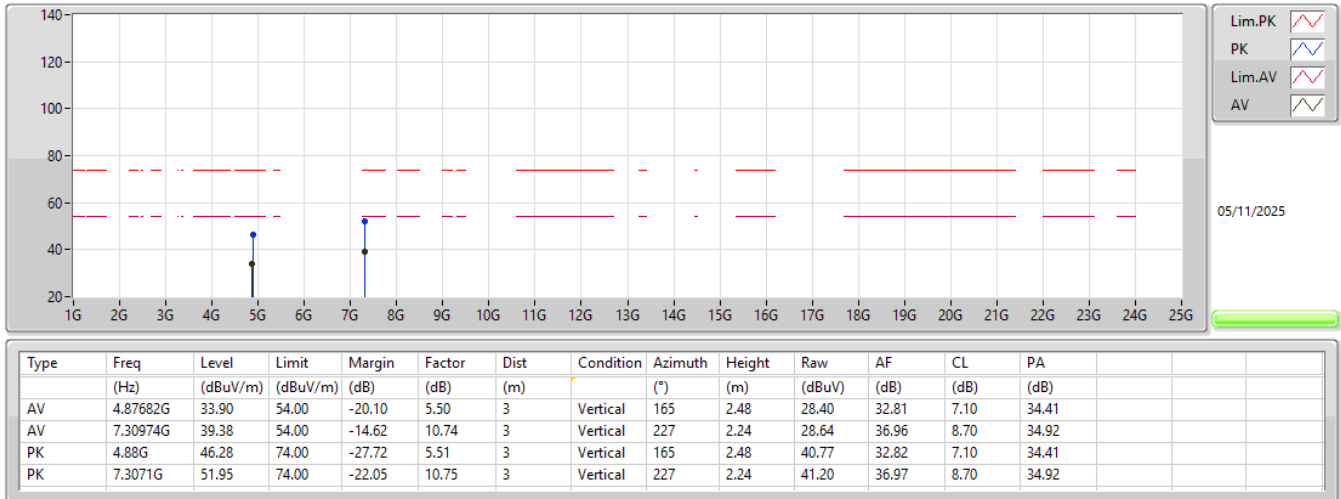
2437MHz_TX



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	2.3898G	52.08	54.00	-1.92	32.40	3	Horizontal	235	2.44	19.68	27.50	4.90	-
AV	2.4378G	105.43	Inf	-Inf	32.73	3	Horizontal	235	2.44	72.70	27.78	4.95	-
AV	2.4835G	48.60	54.00	-5.40	32.93	3	Horizontal	235	2.44	15.67	27.94	4.99	-
PK	2.3898G	65.05	74.00	-8.95	32.40	3	Horizontal	235	2.44	32.65	27.50	4.90	-
PK	2.4374G	114.69	Inf	-Inf	32.72	3	Horizontal	235	2.44	81.97	27.77	4.95	-
PK	2.4846G	60.94	74.00	-13.06	32.94	3	Horizontal	235	2.44	28.00	27.95	4.99	-

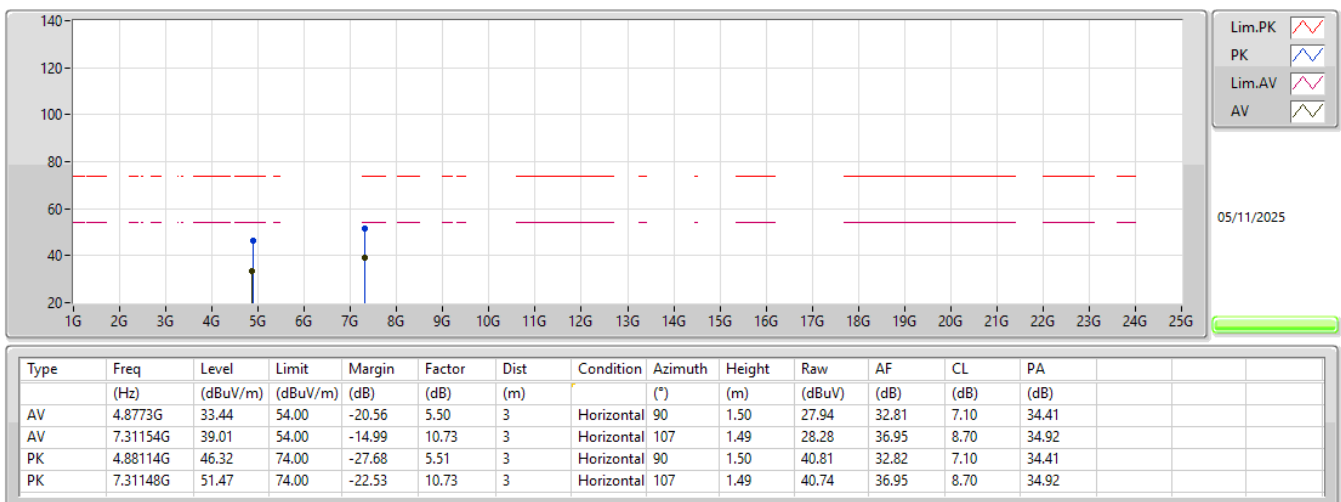
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_2TX

2437MHz_TX



2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_2TX

2437MHz_TX





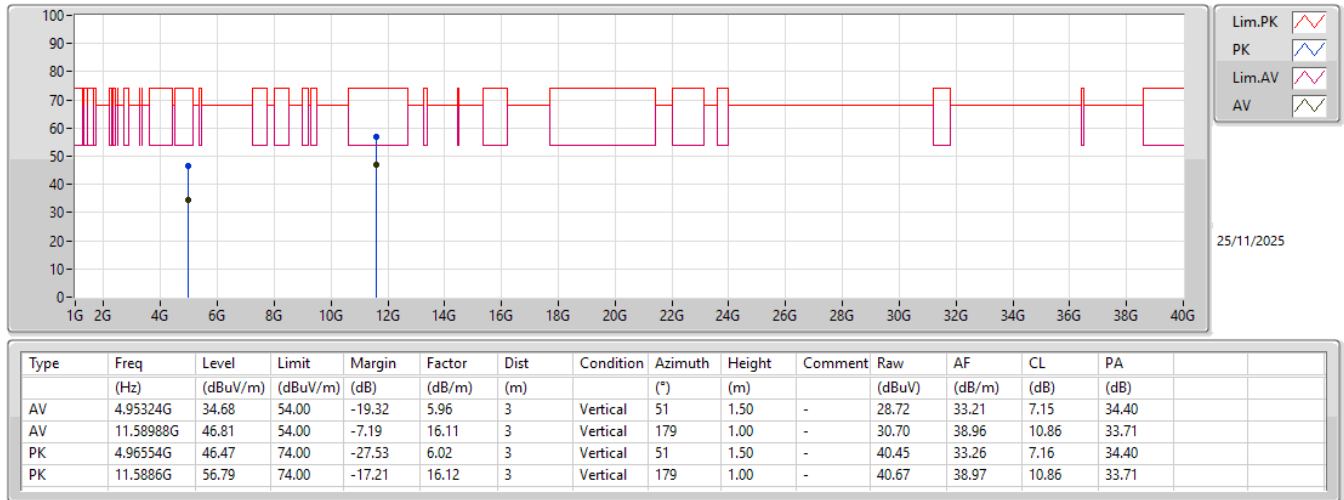
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	11.58988G	47.57	54.00	-6.43	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	4.95324G	34.68	54.00	-19.32	3	Vertical	51	1.50	-
Mode 1	Pass	AV	11.58988G	46.81	54.00	-7.19	3	Vertical	179	1.00	-
Mode 1	Pass	PK	4.96554G	46.47	74.00	-27.53	3	Vertical	51	1.50	-
Mode 1	Pass	PK	11.5886G	56.79	74.00	-17.21	3	Vertical	179	1.00	-
Mode 1	Pass	AV	4.94896G	34.64	54.00	-19.36	3	Horizontal	147	1.00	-
Mode 1	Pass	AV	11.58988G	47.57	54.00	-6.43	3	Horizontal	134	1.46	-
Mode 1	Pass	PK	4.96759G	46.49	74.00	-27.51	3	Horizontal	147	1.50	-
Mode 1	Pass	PK	11.59018G	56.74	74.00	-17.26	3	Horizontal	134	1.90	-

Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

