

FCC Radio Test Report

FCC ID : HBW-C31FXXW
Equipment : Secure View Floodlight Camera
Brand Name : myQ
Model Name : MYQC31FXXW
Applicant : The Chamberlain Group LLC
300 Windsor Drive Oak Brook, IL 60523
USA
Manufacturer : The Chamberlain Group, LLC
300 Windsor Drive Oak Brook, IL 60523
USA
Standard : 47 CFR FCC Part 15.247

The product was received on Aug. 05, 2026, and testing was started from Aug. 05, 2026 and completed on Sep. 03, 2026. 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

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



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History of this test report

Report No.	Version	Description	Issued Date
FR680523AC	01	Initial issue of report	Sep. 17, 2026

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: Amber Chiu

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	1TX(Port1)
2.4-2.4835GHz	802.11b	20	1TX(Port2)
2.4-2.4835GHz	802.11g	20	1TX(Port1)
2.4-2.4835GHz	802.11g	20	1TX(Port2)
2.4-2.4835GHz	802.11n HT20	20	1TX(Port1)
2.4-2.4835GHz	802.11n HT20	20	1TX(Port2)

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	Model Name	Antenna Type	Connector	Support
1	Universal Global Scientific Industrial Co., Ltd.	WA-P-LA-02-336 / 46-501200-01	PIFA	I-Pex	WLAN 2.4G /BLE
2	Universal Global Scientific Industrial Co., Ltd.	WA-P-LA-01-113 / 46-501201-01	PIFA	I-Pex	WLAN 2.4G /BLE

Ant.	Gain (dBi)	
	2.4G	BT
1	3.34	3.34
2	3.38	3.38

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

Ant. 1 and Ant. 2 could transmit/receive.

For BT function:

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

Ant. 1 and Ant. 2 could transmit/receive.

EUT Information

Operational Condition			
EUT Power Type	From Switching Power Supply		
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:		

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1_1TX(Port1)	0.895	0.48	12.422m	100
802.11b_Nss1_1TX(Port2)	0.837	0.77	12.419m	100
802.11g_Nss1_1TX(Port1)	0.752	1.24	2.069m	500
802.11g_Nss1_1TX(Port2)	0.744	1.28	2.069m	500
802.11n HT20_Nss1_1TX(Port1)	0.819	0.87	1.925m	1k
802.11n HT20_Nss1_1TX(Port2)	0.811	0.91	1.925m	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 + Errata to 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	CON04-HY	Lego Lin	22.9~24.6°C / 52~55%	03/Sep/2026
☒ 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	Xun Hsieh	23.4~23.9°C / 52~55%	19/Aug/2026~20/Aug/2026
Radiated	03CH24-HY	Henry Ho	21.3~22.7°C / 51~59%	05/Aug/2026~31/Aug/2026

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	3.24 dB	Confidence levels of 95%
Conducted Output Power	1.12 dB	Confidence levels of 95%
Bandwidth	0.07 MHz	Confidence levels of 95%
Conducted Emission	1.12 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	1.76 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.38 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	4.94 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	4.92 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	RTK MP Tool (AmebaPRO2 mptool 1v9.7)
Mode	Power Setting
802.11b_Nss1_1TX(Port1)	-
2412MHz	23.5
2437MHz	23.5
2462MHz	23.5
802.11b_Nss1_1TX(Port2)	-
2412MHz	23.5
2437MHz	23.5
2462MHz	23.5
802.11g_Nss1_1TX(Port1)	-
2412MHz	21
2417MHz	23.5
2437MHz	23.5
2457MHz	23.5
2462MHz	20.5
802.11g_Nss1_1TX(Port2)	-
2412MHz	21
2417MHz	23.5
2437MHz	23.5
2457MHz	23
2462MHz	20
802.11n HT20_Nss1_1TX(Port1)	-
2412MHz	21
2417MHz	23.5
2437MHz	23.5
2457MHz	23
2462MHz	20
802.11n HT20_Nss1_1TX(Port2)	-
2412MHz	21
2417MHz	23.5



Mode	Power Setting
2437MHz	23.5
2457MHz	22
2462MHz	20

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	Switching Power Supply

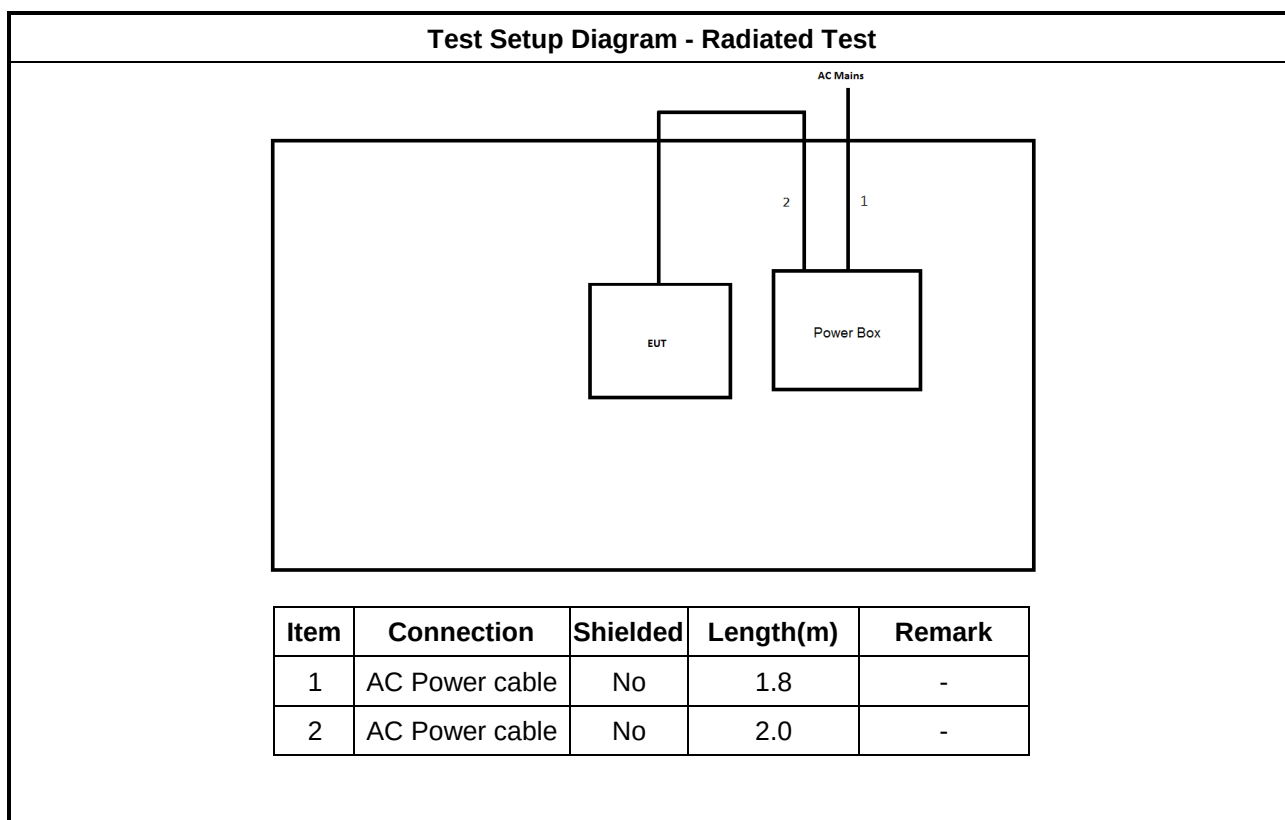
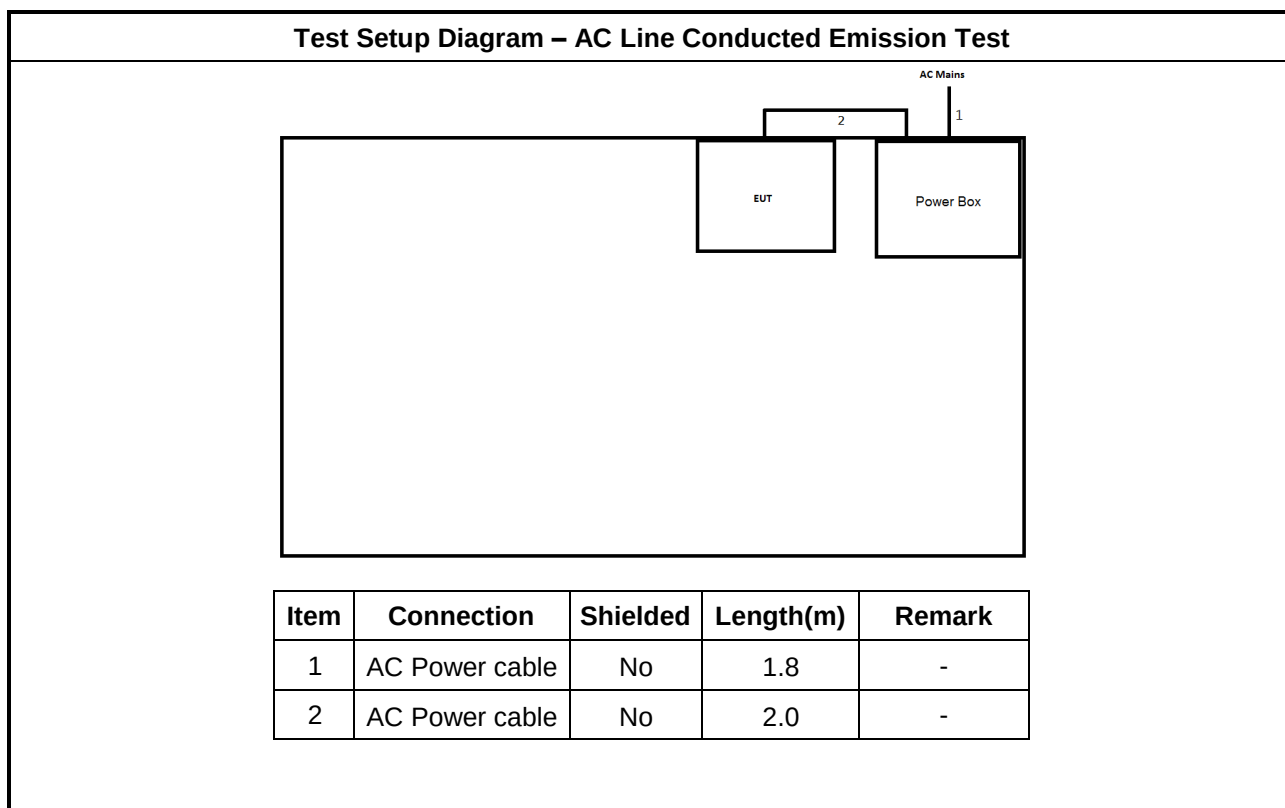
The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

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

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

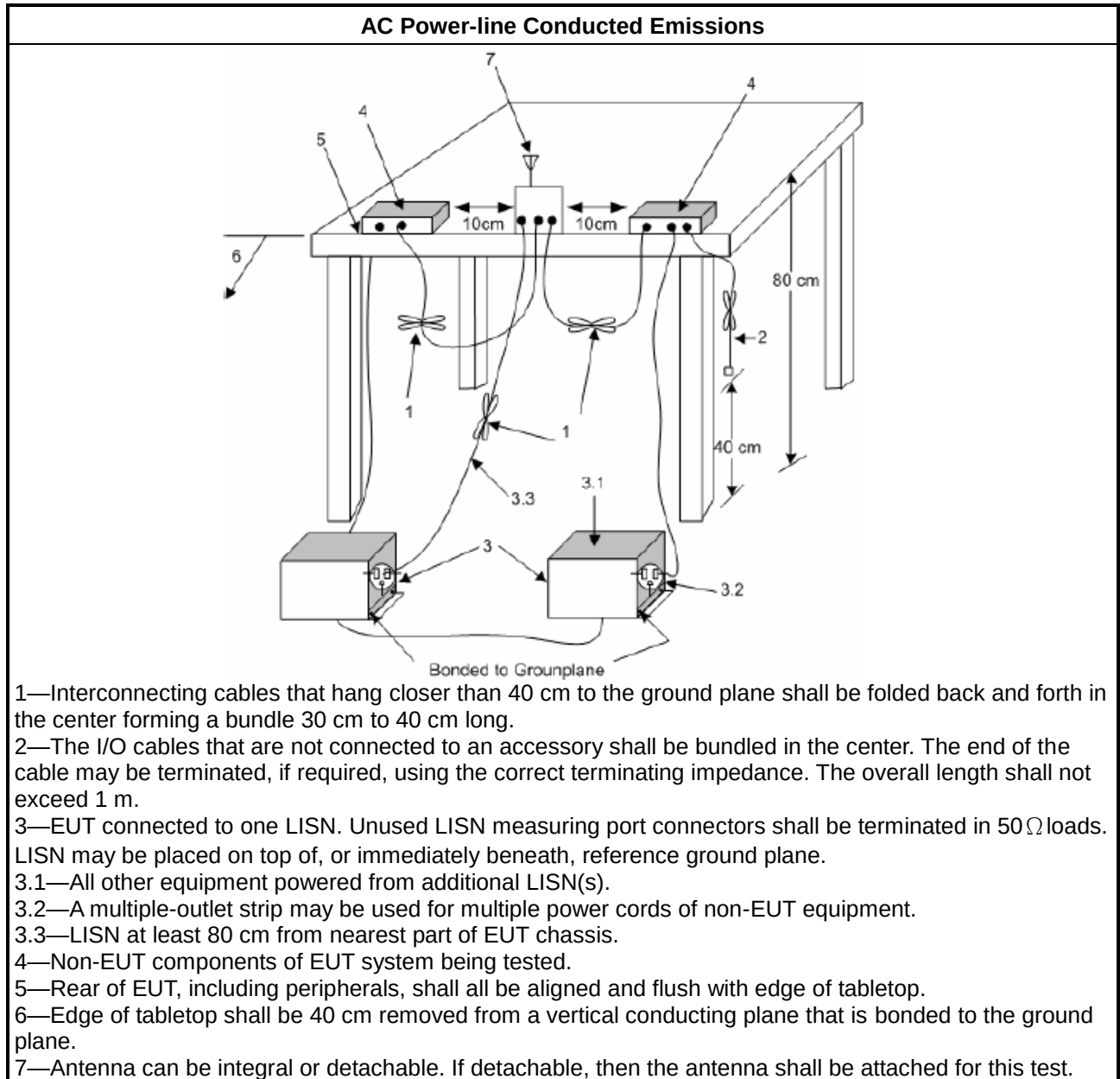
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

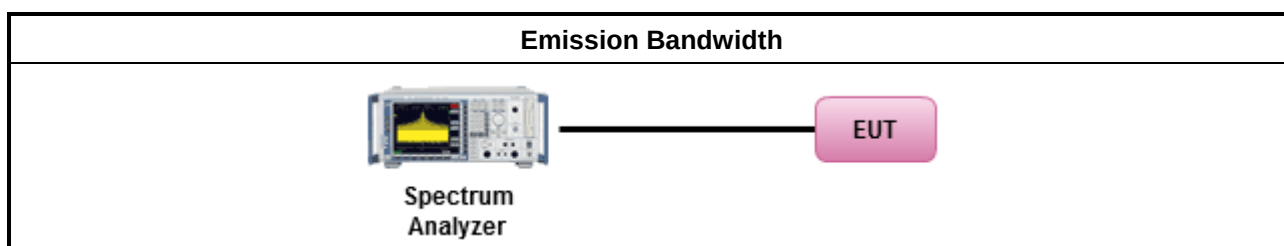
3.2.2 Measuring Instruments

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.	

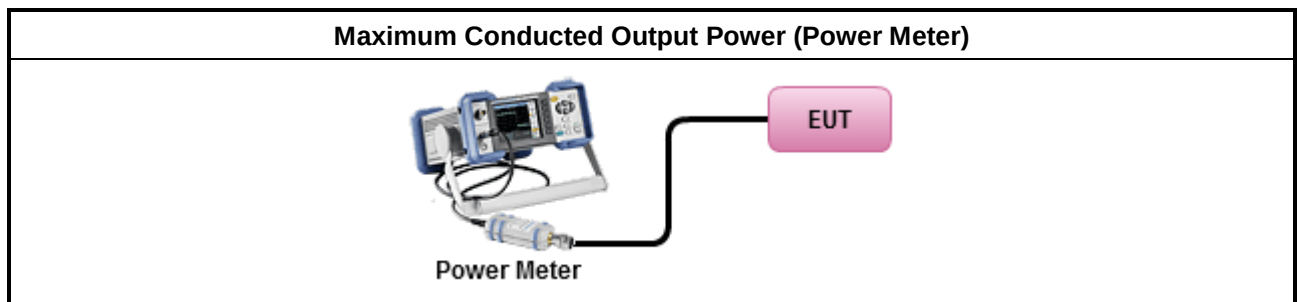
3.3.2 Measuring Instruments

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

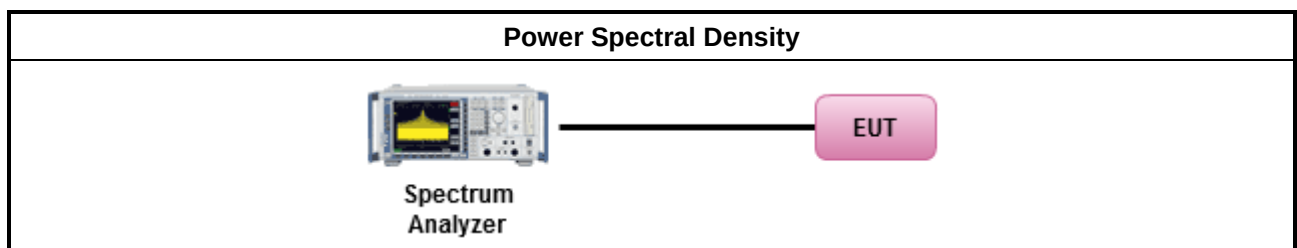
3.4.2 Measuring Instruments

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.	

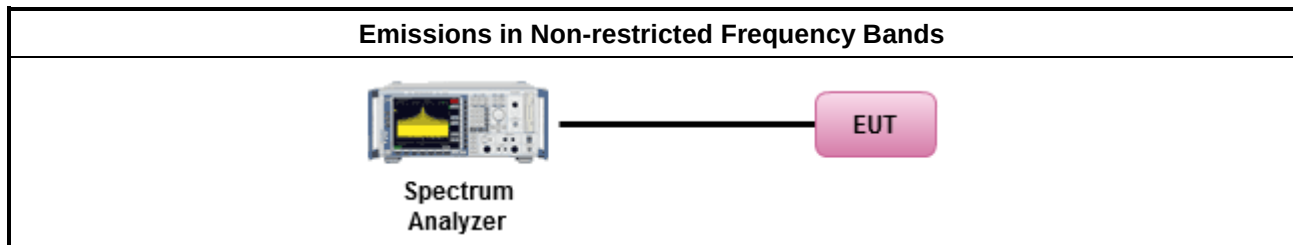
3.5.2 Measuring Instruments

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

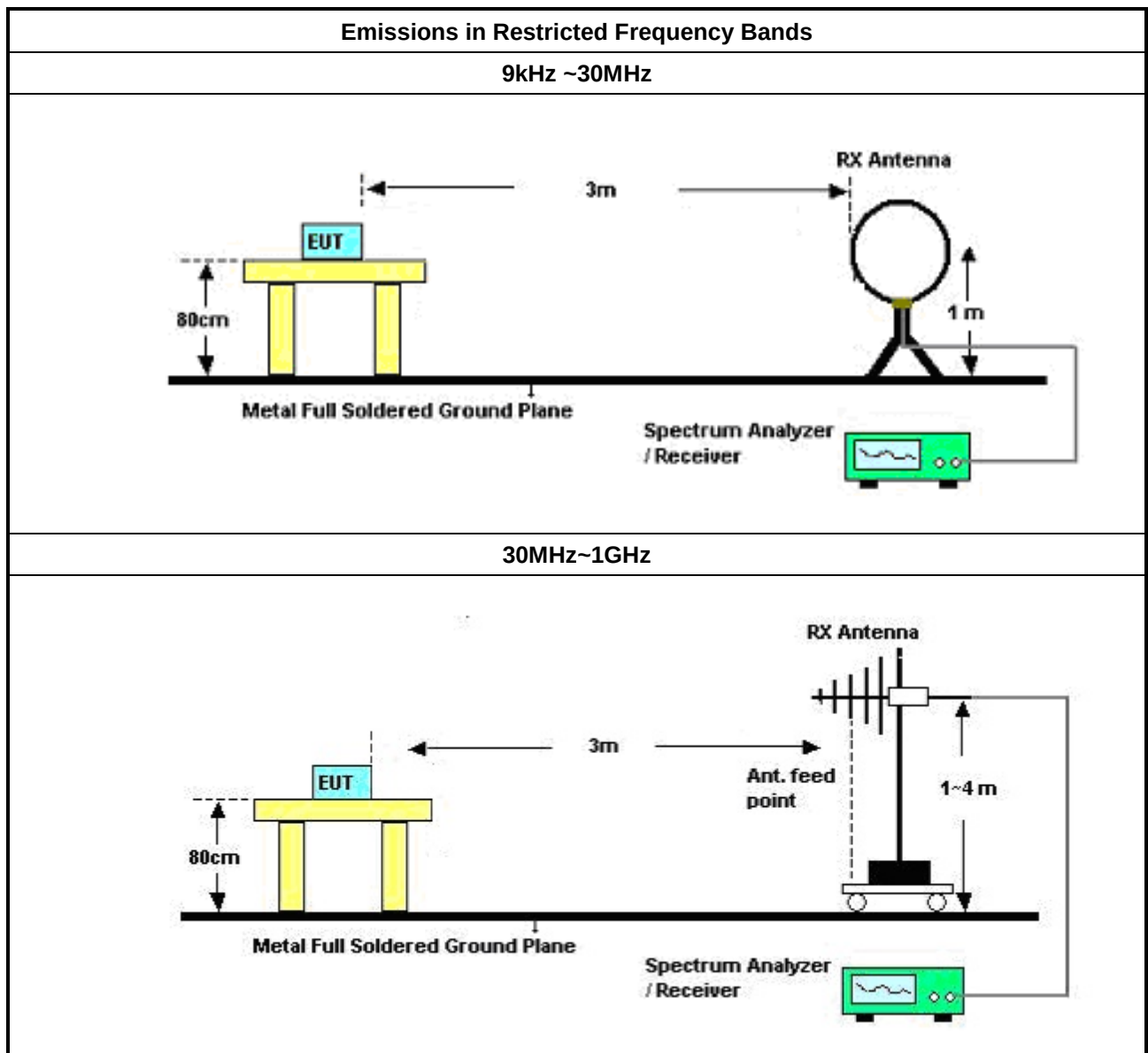
Test Method	
▪	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted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

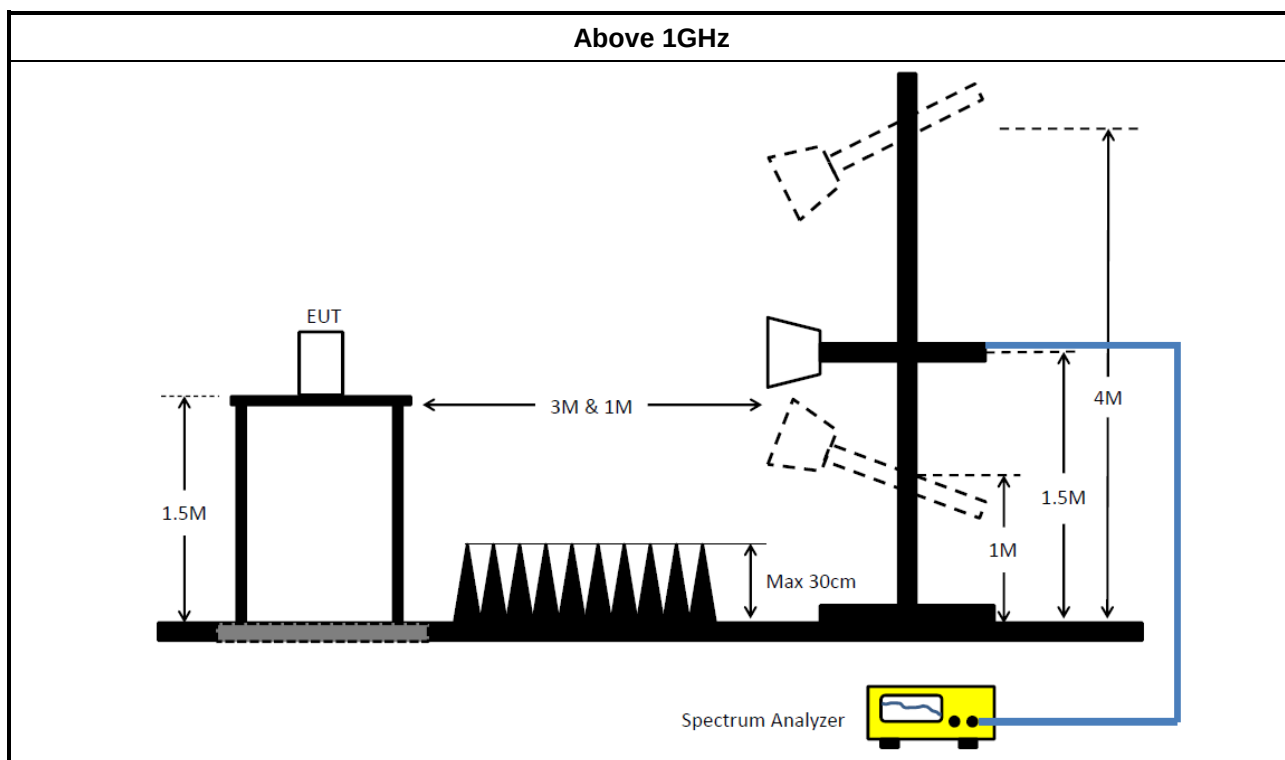
3.6.4 Measurement Results Calculation

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	05/Jun/2026	04/Jun/2027
LISN(Artificial Mains Network)	SCHWARZBECK	NSLK 8127	8127477	9kHz ~ 30MHz	15/May/2026	14/May/2027
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	25/Feb/2026	24/Feb/2027
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	1056	9kHz ~ 30MHz	24/Jun/2026	23/Jun/2027
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	FSV 40	101029	10Hz~40GHz	30/Oct/2025	29/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	26/Mar/2026	25/Mar/2027
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	26/Mar/2026	25/Mar/2027
SENSE-15247_DTS	Sporton	V5.11.28	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	14/Aug/2026	13/Aug/2027
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	28/Jul/2026	27/Jul/2027
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	08/Dec/2025	07/Dec/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101877	10Hz~44GHz	11/May/2026	10/May/2027
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	12/Apr/2026	11/Apr/2027
Double Ridged Guide Horn Antenna	SCHWARZBECK3	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	11/Mar/2026	10/Mar/2027
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	29/Jul/2026	28/Jul/2027
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Agilent	8447D	2944A06292	30MHz~1GHz	07/Apr/2026	06/Apr/2027
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026



Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	07/Aug/2026	06/Aug/2027
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	27/Apr/2026	26/Apr/2027
SENSE-15247-DTS	Sporton	V5.11.27	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

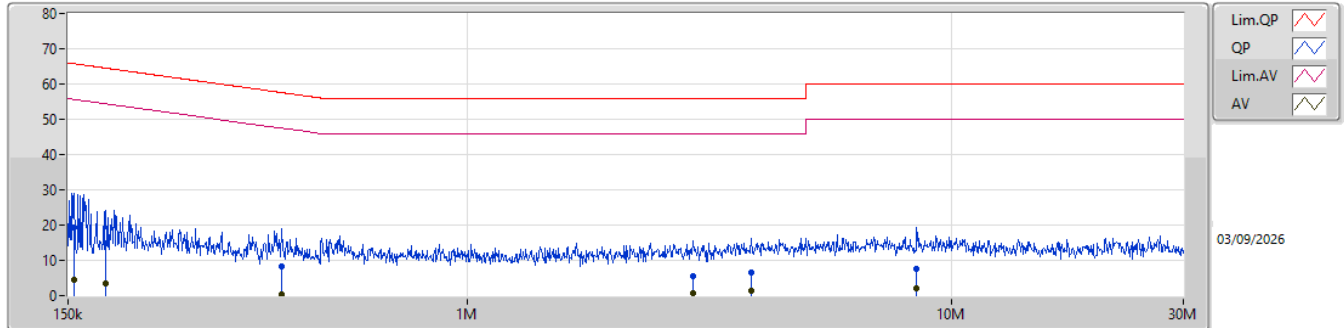
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.024k	21.26	65.83	-44.57	Neutral

Result

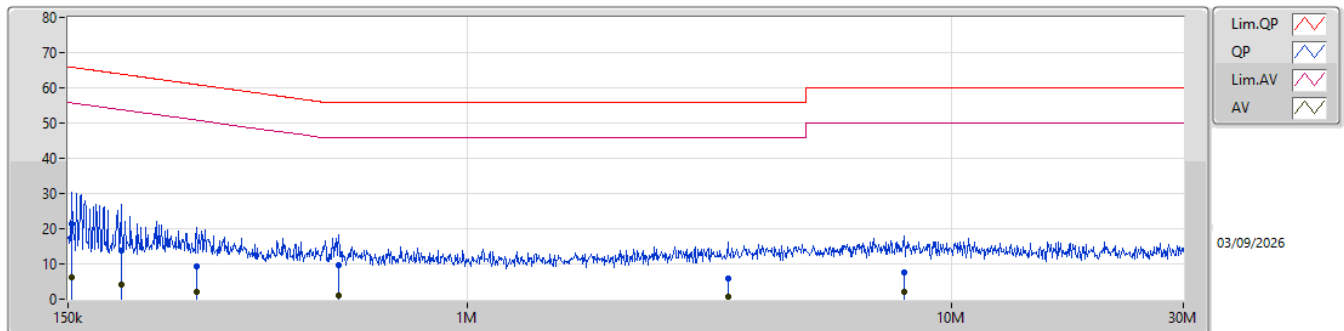
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.251k	19.40	65.77	-46.37	Line
Mode 1	Pass	AV	154.251k	4.47	55.77	-51.30	Line
Mode 1	Pass	QP	179.518k	14.87	64.51	-49.64	Line
Mode 1	Pass	AV	179.518k	3.54	54.51	-50.97	Line
Mode 1	Pass	QP	413.48k	8.11	57.59	-49.48	Line
Mode 1	Pass	AV	413.48k	0.49	47.59	-47.10	Line
Mode 1	Pass	QP	2.924M	5.50	56.00	-50.50	Line
Mode 1	Pass	AV	2.924M	0.52	46.00	-45.48	Line
Mode 1	Pass	QP	3.851M	6.51	56.00	-49.49	Line
Mode 1	Pass	AV	3.851M	1.25	46.00	-44.75	Line
Mode 1	Pass	QP	8.456M	7.70	60.00	-52.30	Line
Mode 1	Pass	AV	8.456M	2.20	50.00	-47.80	Line
Mode 1	Pass	QP	153.024k	21.26	65.83	-44.57	Neutral
Mode 1	Pass	AV	153.024k	6.12	55.83	-49.71	Neutral
Mode 1	Pass	QP	192.892k	13.65	63.92	-50.27	Neutral
Mode 1	Pass	AV	192.892k	4.31	53.92	-49.61	Neutral
Mode 1	Pass	QP	276.28k	9.18	60.93	-51.75	Neutral
Mode 1	Pass	AV	276.28k	2.19	50.93	-48.74	Neutral
Mode 1	Pass	QP	542.434k	9.54	56.00	-46.46	Neutral
Mode 1	Pass	AV	542.434k	0.98	46.00	-45.02	Neutral
Mode 1	Pass	QP	3.444M	5.82	56.00	-50.18	Neutral
Mode 1	Pass	AV	3.444M	0.68	46.00	-45.32	Neutral
Mode 1	Pass	QP	7.964M	7.62	60.00	-52.38	Neutral
Mode 1	Pass	AV	7.964M	2.15	50.00	-47.85	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	154.251k	19.40	65.77	-46.37	10.51	Line	8.89	0.14	0.17	10.20								
AV	154.251k	4.47	55.77	-51.30	10.51	Line	-6.04	0.14	0.17	10.20								
QP	179.518k	14.87	64.51	-49.64	10.53	Line	4.34	0.15	0.15	10.23								
AV	179.518k	3.54	54.51	-50.97	10.53	Line	-6.99	0.15	0.15	10.23								
QP	413.48k	8.11	57.59	-49.48	10.42	Line	-2.31	0.15	0.10	10.17								
AV	413.48k	0.49	47.59	-47.10	10.42	Line	-9.93	0.15	0.10	10.17								
QP	2.924M	5.50	56.00	-50.50	10.55	Line	-5.05	0.26	0.09	10.20								
AV	2.924M	0.52	46.00	-45.48	10.55	Line	-10.03	0.26	0.09	10.20								
QP	3.851M	6.51	56.00	-49.49	10.62	Line	-4.11	0.30	0.13	10.19								
AV	3.851M	1.25	46.00	-44.75	10.62	Line	-9.37	0.30	0.13	10.19								
QP	8.456M	7.70	60.00	-52.30	10.82	Line	-3.12	0.46	0.22	10.14								
AV	8.456M	2.20	50.00	-47.80	10.82	Line	-8.62	0.46	0.22	10.14								

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	153.024k	21.26	65.83	-44.57	10.53	Neutral	10.73	0.16	0.17	10.20								
AV	153.024k	6.12	55.83	-49.71	10.53	Neutral	-4.41	0.16	0.17	10.20								
QP	192.892k	13.65	63.92	-50.27	10.54	Neutral	3.11	0.16	0.14	10.24								
AV	192.892k	4.31	53.92	-49.61	10.54	Neutral	-6.23	0.16	0.14	10.24								
QP	276.28k	9.18	60.93	-51.75	10.49	Neutral	-1.31	0.16	0.12	10.21								
AV	276.28k	2.19	50.93	-48.74	10.49	Neutral	-8.30	0.16	0.12	10.21								
QP	542.434k	9.54	56.00	-46.46	10.41	Neutral	-0.87	0.18	0.09	10.14								
AV	542.434k	0.98	46.00	-45.02	10.41	Neutral	-9.43	0.18	0.09	10.14								
QP	3.444M	5.82	56.00	-50.18	10.57	Neutral	-4.75	0.27	0.11	10.19								
AV	3.444M	0.68	46.00	-45.32	10.57	Neutral	-9.89	0.27	0.11	10.19								
QP	7.964M	7.62	60.00	-52.38	10.74	Neutral	-3.12	0.39	0.21	10.14								
AV	7.964M	2.15	50.00	-47.85	10.74	Neutral	-8.59	0.39	0.21	10.14								

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_1TX(Port1)	9.515M	13.798M	13M8G1D	9.515M	13.743M
802.11b_Nss1_1TX(Port2)	9.57M	13.743M	13M7G1D	9.515M	13.743M
802.11g_Nss1_1TX(Port1)	14.575M	16.602M	16M6D1D	12.21M	16.437M
802.11g_Nss1_1TX(Port2)	14.85M	16.602M	16M6D1D	13.475M	16.382M
802.11n HT20_Nss1_1TX(Port1)	16.17M	17.646M	17M6D1D	14.19M	17.536M
802.11n HT20_Nss1_1TX(Port2)	15.455M	17.646M	17M6D1D	12.43M	17.536M

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

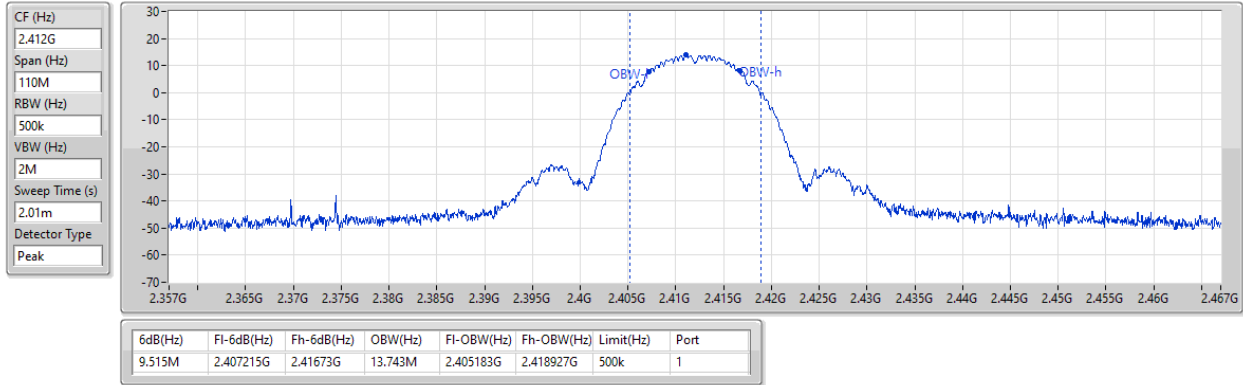
Result

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_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	9.515M	13.743M		
2437MHz	Pass	500k	9.515M	13.798M		
2462MHz	Pass	500k	9.515M	13.743M		
802.11b_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			9.57M	13.743M
2437MHz	Pass	500k			9.515M	13.743M
2462MHz	Pass	500k			9.515M	13.743M
802.11g_Nss1_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	12.21M	16.437M		
2417MHz	Pass	500k	13.475M	16.437M		
2437MHz	Pass	500k	14.575M	16.602M		
2457MHz	Pass	500k	14.19M	16.602M		
2462MHz	Pass	500k	12.595M	16.437M		
802.11g_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			13.86M	16.382M
2417MHz	Pass	500k			14.85M	16.547M
2437MHz	Pass	500k			14.08M	16.602M
2457MHz	Pass	500k			14.19M	16.437M
2462MHz	Pass	500k			13.475M	16.382M
802.11n HT20_Nss1_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	500k	15.51M	17.536M		
2417MHz	Pass	500k	15.4M	17.591M		
2437MHz	Pass	500k	16.17M	17.536M		
2457MHz	Pass	500k	15.675M	17.646M		
2462MHz	Pass	500k	14.19M	17.591M		
802.11n HT20_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			14.08M	17.646M
2417MHz	Pass	500k			15.29M	17.536M
2437MHz	Pass	500k			15.455M	17.591M
2457MHz	Pass	500k			13.915M	17.536M
2462MHz	Pass	500k			12.43M	17.591M

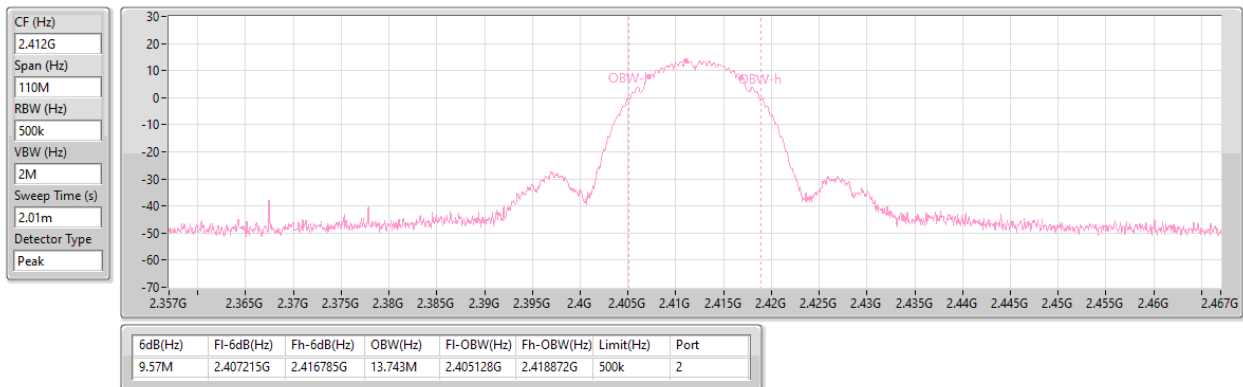
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

19/08/2026


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)
EBW
2412MHz

19/08/2026



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

EBW

2437MHz

19/08/2026

CF (Hz)
2.437G

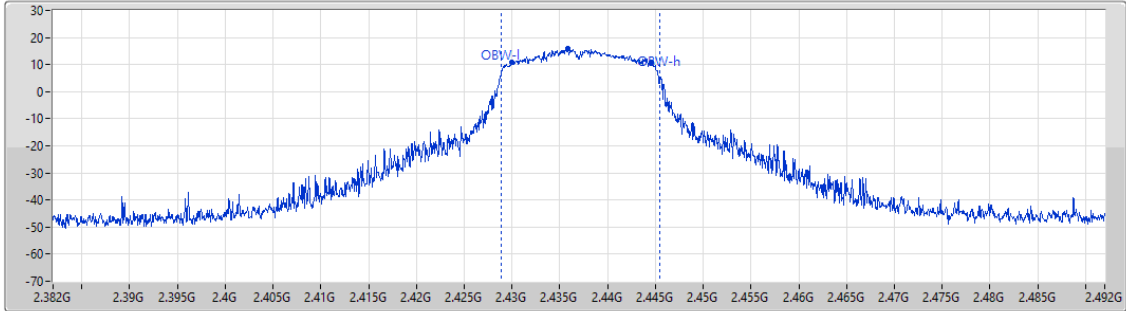
Span (Hz)
110M

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
14.575M	2.430015G	2.44459G	16.602M	2.428864G	2.445466G	500k	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

EBW

2417MHz

19/08/2026

CF (Hz)
2.417G

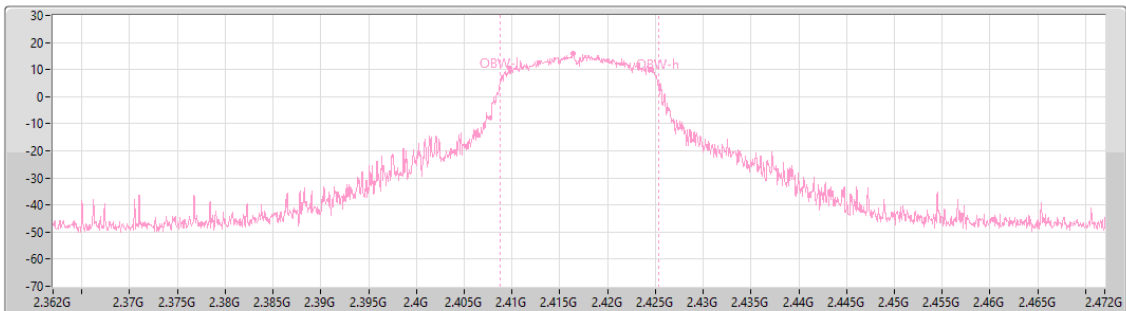
Span (Hz)
110M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

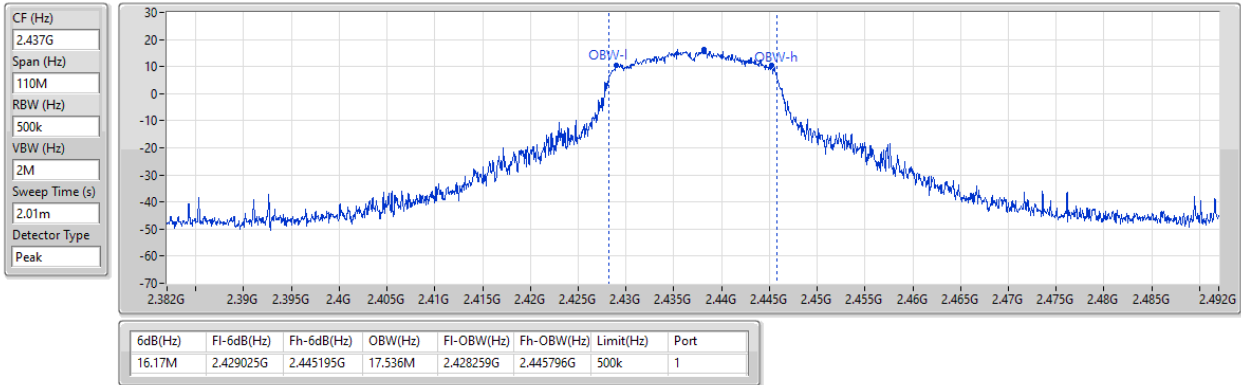
Detector Type
Peak



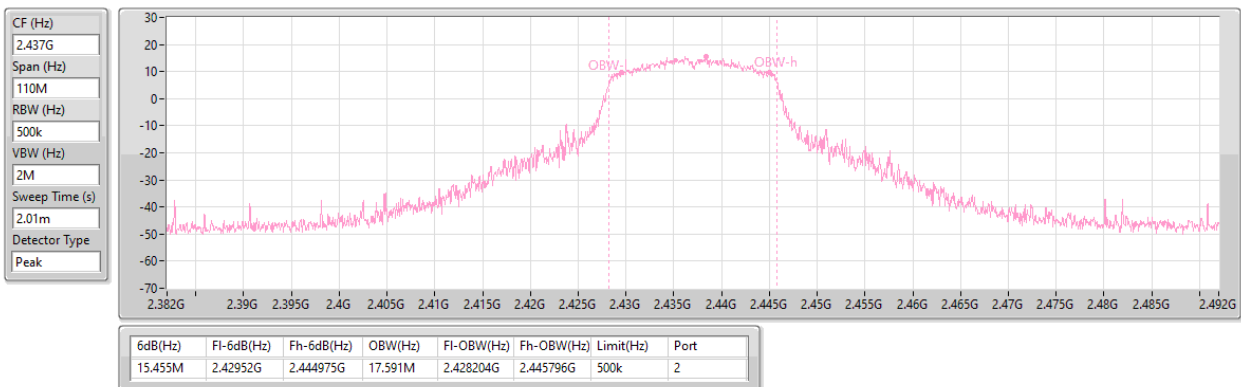
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.85M	2.40974G	2.42459G	16.547M	2.408809G	2.425356G	500k	2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port1)
EBW
2437MHz

19/08/2026


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port2)
EBW
2437MHz

19/08/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1_1TX(Port1)	22.14	0.16368
802.11b_Nss1_1TX(Port2)	21.90	0.15488
802.11g_Nss1_1TX(Port1)	22.38	0.17298
802.11g_Nss1_1TX(Port2)	21.64	0.14588
802.11n HT20_Nss1_1TX(Port1)	22.20	0.16596
802.11n HT20_Nss1_1TX(Port2)	21.77	0.15031

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	3.38	21.92		21.92	30.00
2437MHz	Pass	3.38	22.14		22.14	30.00
2462MHz	Pass	3.38	21.81		21.81	30.00
802.11b_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	3.38	-	21.58	21.58	30.00
2437MHz	Pass	3.38	-	21.90	21.90	30.00
2462MHz	Pass	3.38	-	21.60	21.60	30.00
802.11g_Nss1_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	3.38	21.05		21.05	30.00
2417MHz	Pass	3.38	22.38		22.38	30.00
2437MHz	Pass	3.38	22.02		22.02	30.00
2457MHz	Pass	3.38	22.15		22.15	30.00
2462MHz	Pass	3.38	20.17		20.17	30.00
802.11g_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	3.38	-	20.38	20.38	30.00
2417MHz	Pass	3.38	-	21.60	21.60	30.00
2437MHz	Pass	3.38	-	21.64	21.64	30.00
2457MHz	Pass	3.38	-	21.07	21.07	30.00
2462MHz	Pass	3.38	-	19.18	19.18	30.00
802.11n_HT20_Nss1_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	3.38	20.54		20.54	30.00
2417MHz	Pass	3.38	21.98		21.98	30.00
2437MHz	Pass	3.38	22.20		22.20	30.00
2457MHz	Pass	3.38	21.29		21.29	30.00
2462MHz	Pass	3.38	19.45		19.45	30.00
802.11n_HT20_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	3.38	-	20.02	20.02	30.00
2417MHz	Pass	3.38	-	21.40	21.40	30.00
2437MHz	Pass	3.38	-	21.77	21.77	30.00
2457MHz	Pass	3.38	-	20.55	20.55	30.00
2462MHz	Pass	3.38	-	18.54	18.54	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_1TX(Port1)	-3.18
802.11b_Nss1_1TX(Port2)	-3.58
802.11g_Nss1_1TX(Port1)	-3.75
802.11g_Nss1_1TX(Port2)	-3.71
802.11n HT20_Nss1_1TX(Port1)	-3.56
802.11n HT20_Nss1_1TX(Port2)	-3.62

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_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	3.38	-3.50		-3.50	8.00
2437MHz	Pass	3.38	-3.18		-3.18	8.00
2462MHz	Pass	3.38	-4.12		-4.12	8.00
802.11b_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	3.38	-	-4.25	-4.25	8.00
2437MHz	Pass	3.38	-	-3.58	-3.58	8.00
2462MHz	Pass	3.38	-	-3.87	-3.87	8.00
802.11g_Nss1_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	3.38	-5.99		-5.99	8.00
2437MHz	Pass	3.38	-3.75		-3.75	8.00
2462MHz	Pass	3.38	-6.88		-6.88	8.00
802.11g_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	3.38	-	-7.08	-7.08	8.00
2437MHz	Pass	3.38	-	-3.71	-3.71	8.00
2462MHz	Pass	3.38	-	-6.24	-6.24	8.00
802.11n_HT20_Nss1_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	3.38	-5.26		-5.26	8.00
2437MHz	Pass	3.38	-3.56		-3.56	8.00
2462MHz	Pass	3.38	-5.72		-5.72	8.00
802.11n_HT20_Nss1_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	3.38	-	-5.00	-5.00	8.00
2437MHz	Pass	3.38	-	-3.62	-3.62	8.00
2462MHz	Pass	3.38	-	-6.45	-6.45	8.00

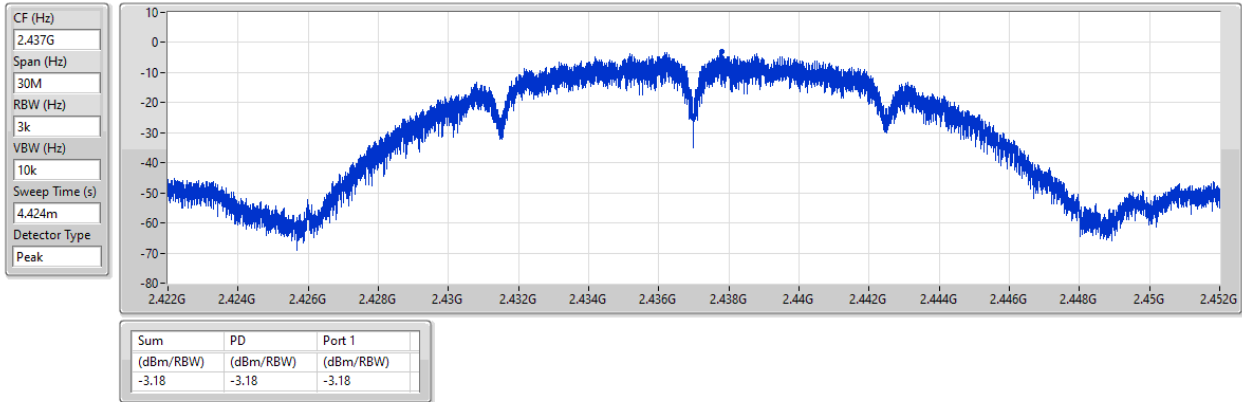
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2437MHz

19/08/2026

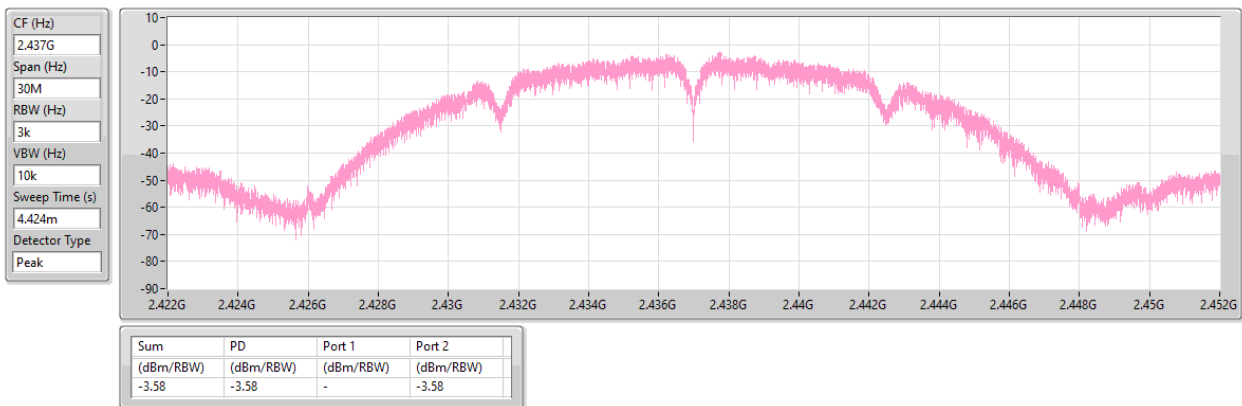


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2437MHz

19/08/2026

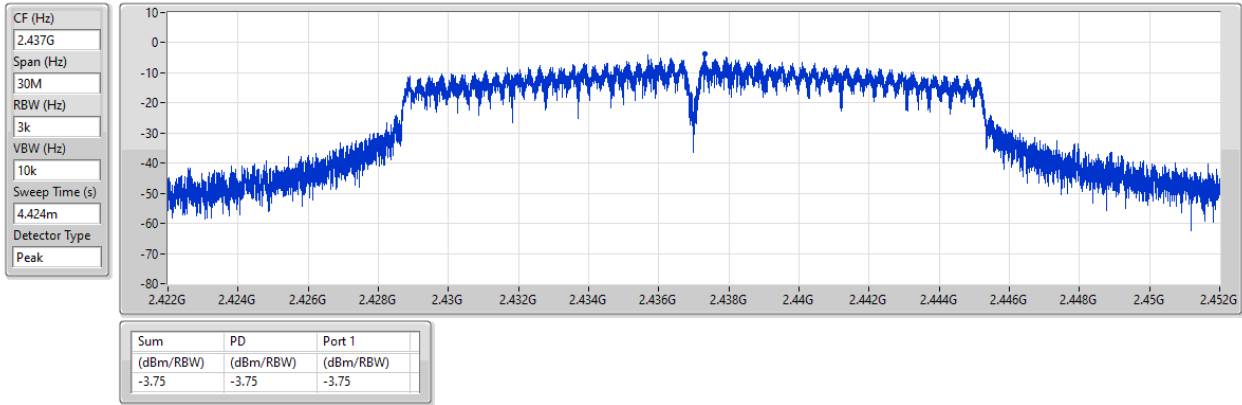


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

PSD

2437MHz

19/08/2026

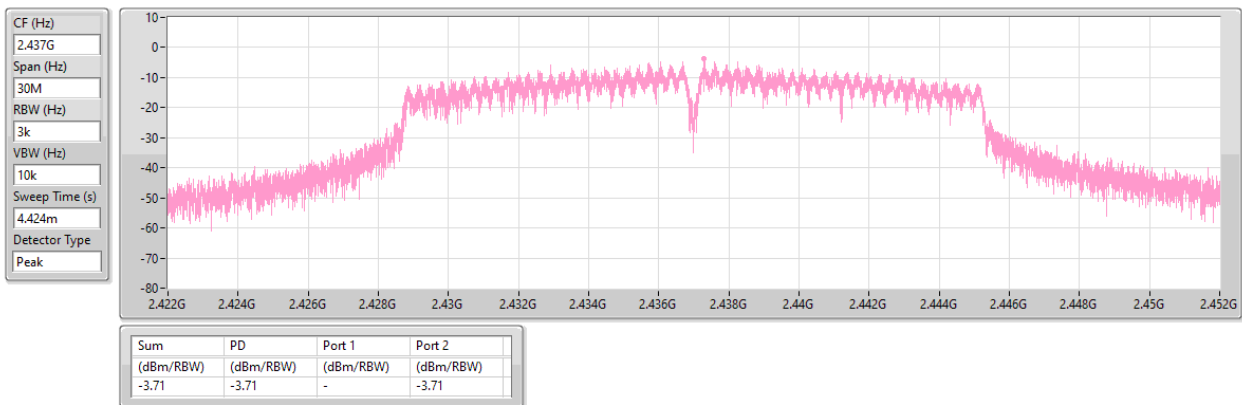


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2437MHz

19/08/2026

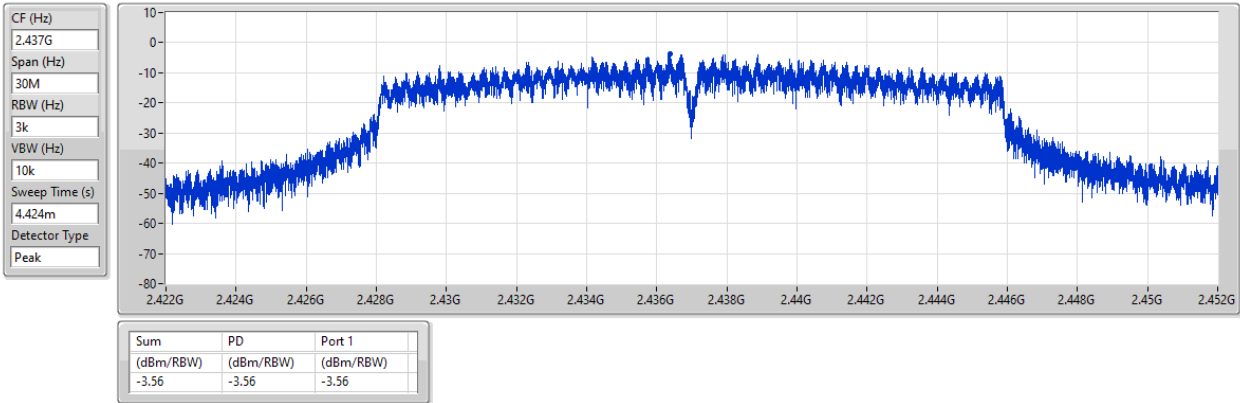


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port1)

PSD

2437MHz

19/08/2026

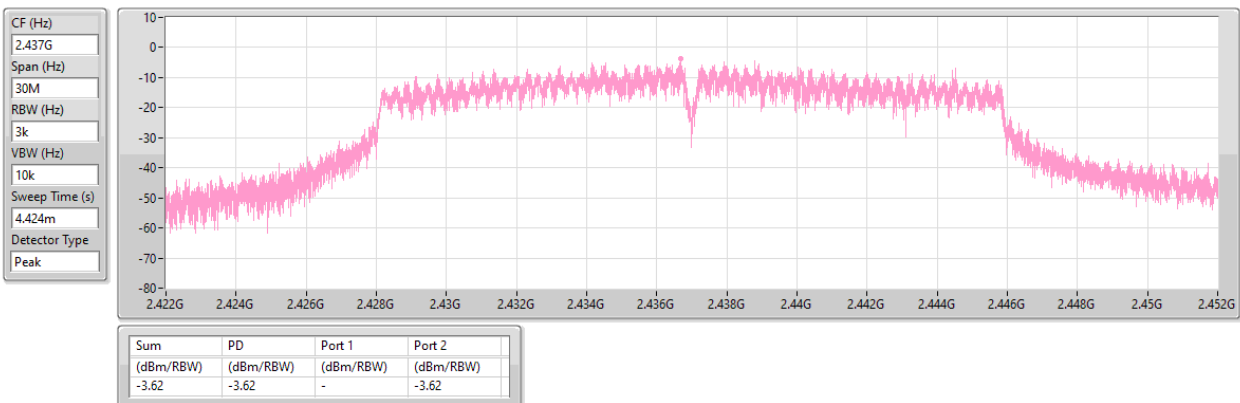


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port2)

PSD

2437MHz

19/08/2026





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_1TX(Port1)	Pass	2.43574G	12.49	-17.51	2.15729G	-51.90	2.39704G	-28.10	2.4G	-37.16	2.50102G	-51.09	24.96067G	-42.22	1
802.11b_Nss1_1TX(Port2)	Pass	2.4354G	12.57	-17.43	2.14564G	-52.57	2.39704G	-28.80	2.4G	-38.89	2.50022G	-51.04	17.64176G	-43.01	2
802.11g_Nss1_1TX(Port1)	Pass	2.43641G	12.97	-17.03	2.11419G	-51.77	2.39944G	-29.55	2.4G	-29.46	2.50286G	-49.11	16.25664G	-42.56	1
802.11g_Nss1_1TX(Port2)	Pass	2.43574G	12.15	-17.85	2.30059G	-51.83	2.39976G	-23.20	2.4G	-27.95	2.51006G	-49.39	16.25383G	-42.16	2
802.11n_HT20_Nss1_1TX(Port1)	Pass	2.43824G	12.37	-17.63	2.16079G	-52.08	2.39936G	-27.75	2.4G	-27.46	2.50494G	-49.61	23.30021G	-41.35	1
802.11n_HT20_Nss1_1TX(Port2)	Pass	2.43824G	12.37	-17.63	2.16661G	-51.41	2.39936G	-24.81	2.4G	-24.97	2.5231G	-48.95	16.24259G	-41.52	2

Result

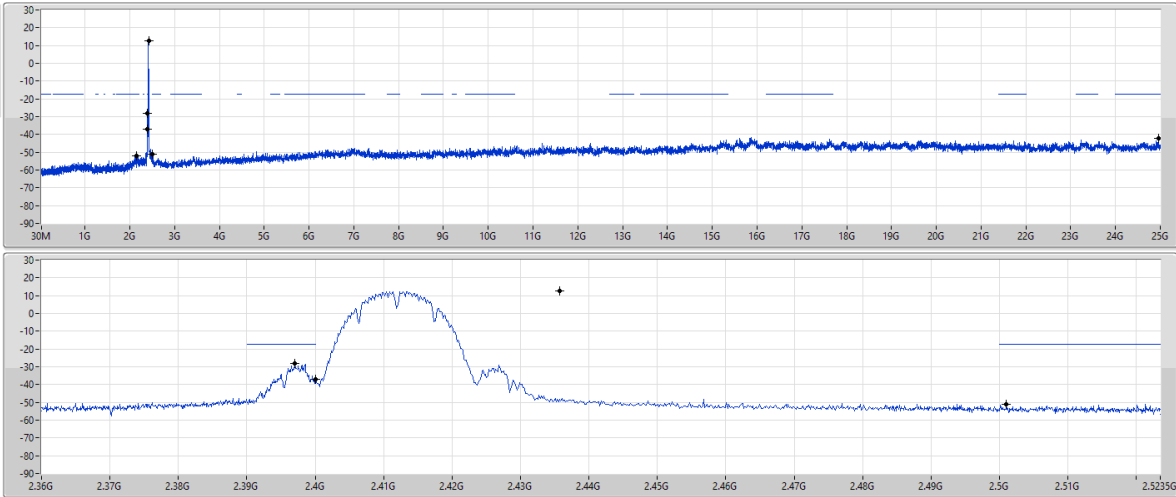
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	12.49	-17.51	2.15729G	-51.90	2.39704G	-28.10	2.4G	-37.16	2.50102G	-51.09	24.96067G	-42.22	1
2437MHz	Pass	2.4354G	12.57	-17.43	2.19923G	-50.71	2.39928G	-50.17	2.4G	-52.67	2.51894G	-51.14	16.55446G	-41.98	1
2462MHz	Pass	2.4354G	12.57	-17.43	2.19807G	-53.22	2.39256G	-50.97	2.4G	-54.01	2.50206G	-50.63	16.20888G	-42.40	1
802.11b_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4354G	12.57	-17.43	2.14564G	-52.57	2.39704G	-28.80	2.4G	-38.89	2.50022G	-51.04	17.64176G	-43.01	2
2437MHz	Pass	2.43641G	12.97	-17.03	2.18642G	-51.69	2.39952G	-50.11	2.4G	-50.96	2.5063G	-48.79	16.20888G	-43.18	2
2462MHz	Pass	2.43641G	12.97	-17.03	2.12001G	-52.61	2.39648G	-51.11	2.4G	-53.45	2.52014G	-49.06	16.27912G	-41.68	2
802.11g_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	12.97	-17.03	2.11419G	-51.77	2.39944G	-29.55	2.4G	-29.46	2.50286G	-49.11	16.25664G	-42.56	1
2437MHz	Pass	2.43574G	12.15	-17.85	2.19923G	-51.75	2.3924G	-48.42	2.4G	-49.44	2.50006G	-48.27	17.6558G	-41.99	1
2462MHz	Pass	2.43574G	12.15	-17.85	2.30758G	-51.58	2.39856G	-49.71	2.4G	-52.61	2.50326G	-46.53	16.23136G	-42.59	1
802.11g_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	12.15	-17.85	2.30059G	-51.83	2.39976G	-23.20	2.4G	-27.95	2.51006G	-49.39	16.25383G	-42.16	2
2437MHz	Pass	2.43824G	12.37	-17.63	2.30641G	-51.49	2.39632G	-47.55	2.4G	-49.73	2.50574G	-48.60	16.71179G	-42.29	2
2462MHz	Pass	2.43824G	12.37	-17.63	2.30758G	-52.56	2.39568G	-49.99	2.4G	-51.18	2.51654G	-48.32	17.20346G	-43.04	2
802.11n HT20_Nss1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	12.37	-17.63	2.16079G	-52.08	2.39936G	-27.75	2.4G	-27.46	2.50494G	-49.61	23.30021G	-41.35	1
2437MHz	Pass	2.43824G	12.37	-17.63	2.17127G	-51.36	2.39264G	-48.05	2.4G	-49.10	2.51422G	-48.65	17.60242G	-42.66	1
2462MHz	Pass	2.43824G	12.37	-17.63	2.15846G	-50.06	2.3996G	-49.11	2.4G	-50.41	2.50358G	-48.85	16.24259G	-42.12	1
802.11n HT20_Nss1_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	12.37	-17.63	2.16661G	-51.41	2.39936G	-24.81	2.4G	-24.97	2.5231G	-48.95	16.24259G	-41.52	2
2437MHz	Pass	2.43574G	12.49	-17.51	2.17943G	-52.38	2.3968G	-47.57	2.4G	-48.42	2.50518G	-48.17	16.28474G	-41.77	2
2462MHz	Pass	2.43574G	12.49	-17.51	2.13283G	-52.01	2.4G	-50.18	2.4G	-52.25	2.50622G	-48.48	17.68671G	-41.57	2

2.4-2.4835GHz_802.11b_Nss1_1TX(Port1)

CSEndB

2412MHz

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



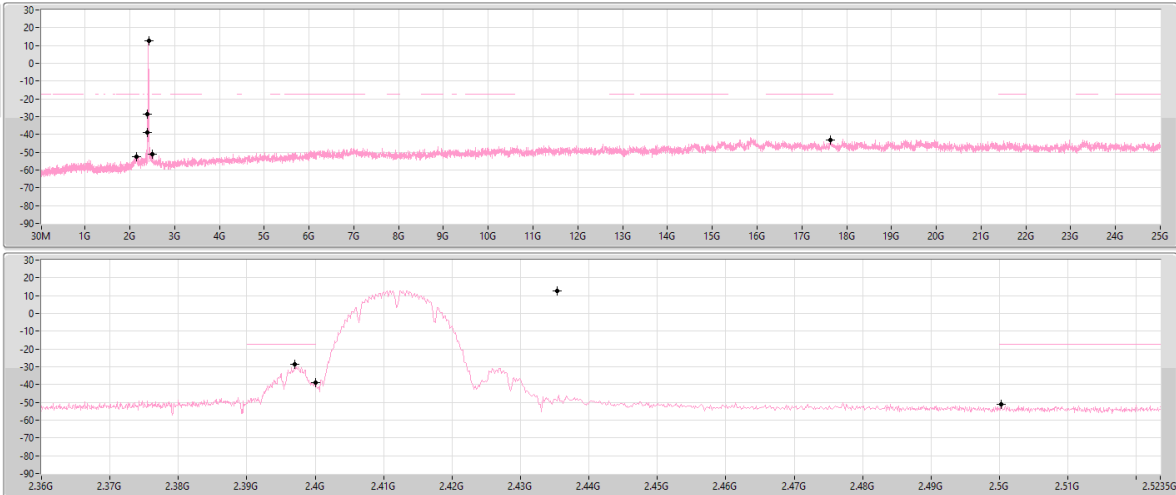
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	12.49	-17.51	2.15729G	-51.90	2.39704G	-28.10	2.4G	-37.16	2.50102G	-51.09	2.49607G	-42.22	1

2.4-2.4835GHz_802.11b_Nss1_1TX(Port2)

CSEndB

2412MHz

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

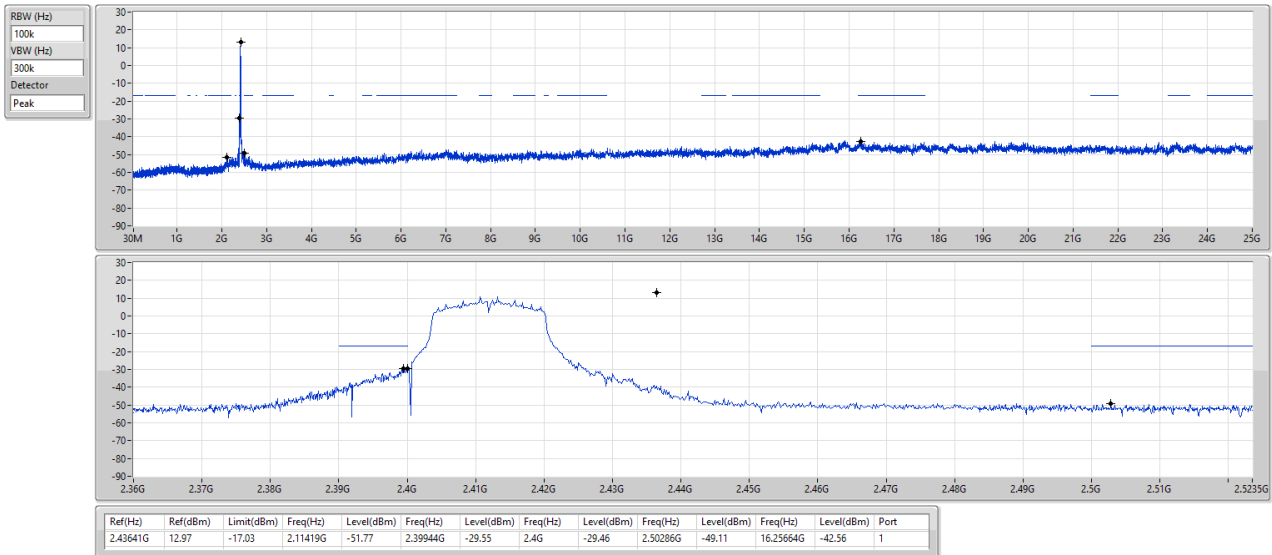


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4354G	12.57	-17.43	2.14564G	-52.57	2.39704G	-28.80	2.4G	-38.89	2.50022G	-51.04	17.64176G	-43.01	2

2.4-2.4835GHz_802.11g_Nss1_1TX(Port1)

CSEndB

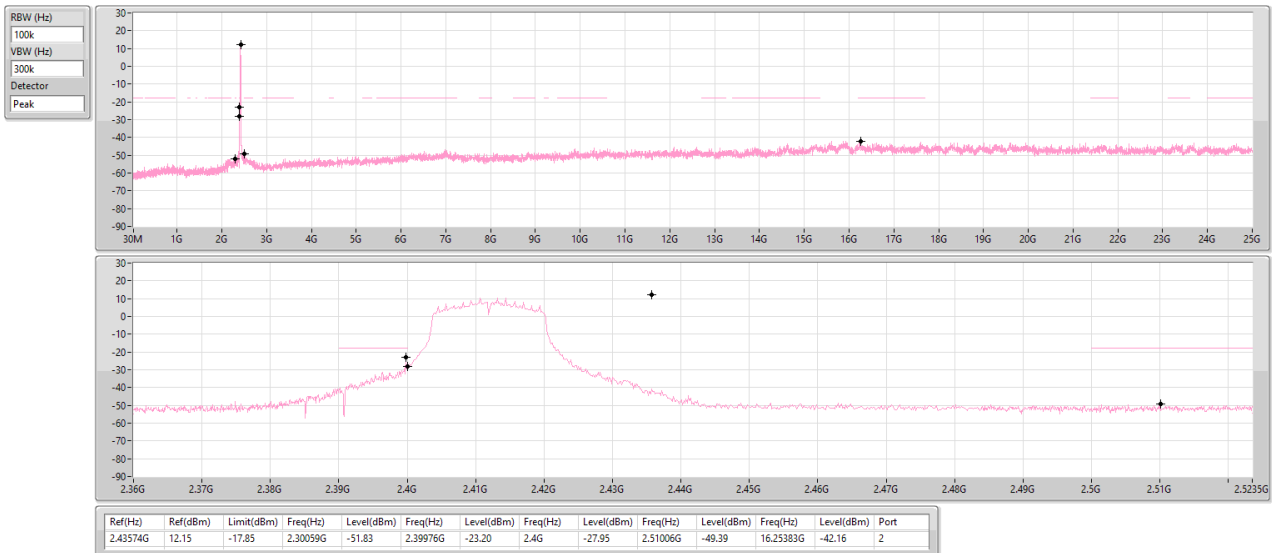
2412MHz



2.4-2.4835GHz_802.11g_Nss1_1TX(Port2)

CSEndB

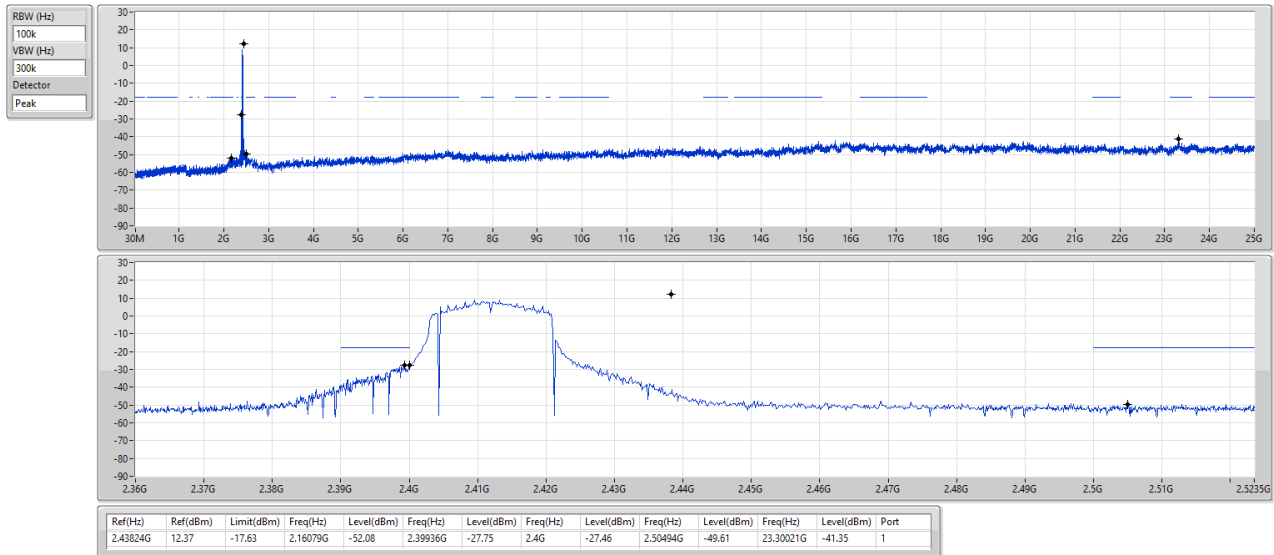
2412MHz



2.4-2.4835GHz_802.11n HT20_Nss1_1TX(Port1)

CSEndB

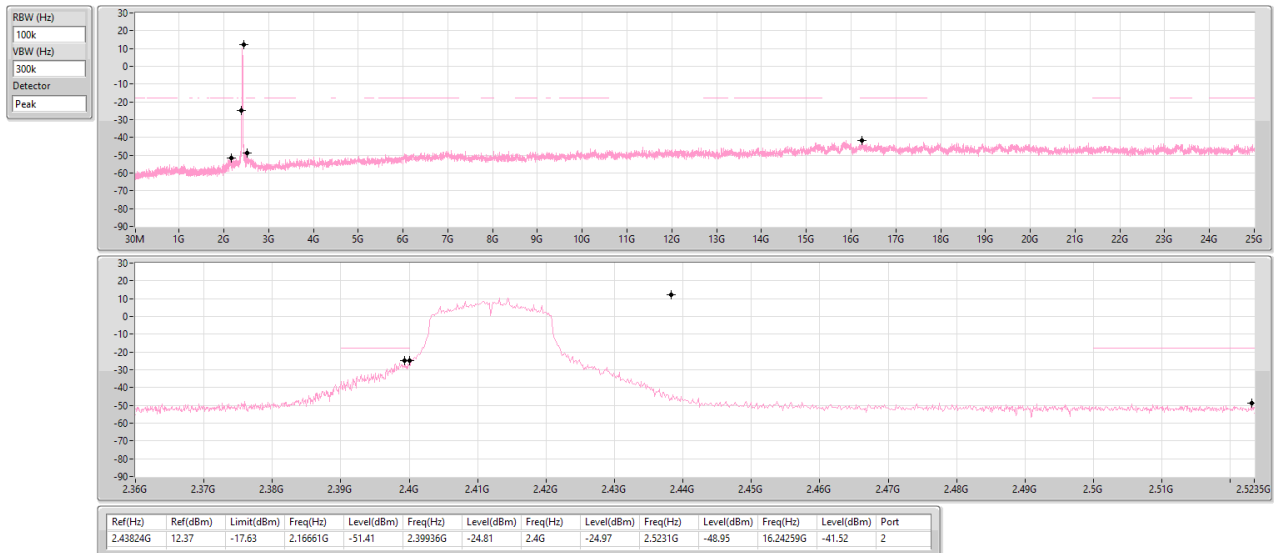
2412MHz



2.4-2.4835GHz_802.11n HT20_Nss1_1TX(Port2)

CSEndB

2412MHz





Summary

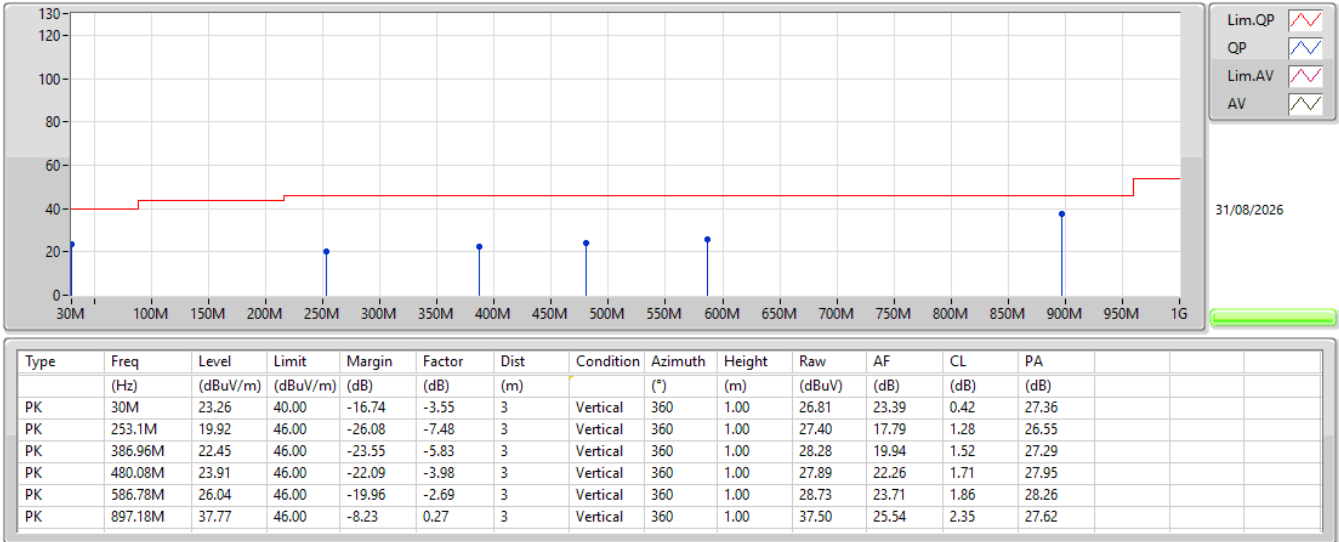
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	Pass	PK	897.18M	37.77	46.00	-8.23	3	Vertical	360	1.00
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	Pass	PK	897.18M	31.58	46.00	-14.42	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	23.26	40.00	-16.74	3	Vertical	360	1.00
2437MHz	Pass	PK	253.1M	19.92	46.00	-26.08	3	Vertical	360	1.00
2437MHz	Pass	PK	386.96M	22.45	46.00	-23.55	3	Vertical	360	1.00
2437MHz	Pass	PK	480.08M	23.91	46.00	-22.09	3	Vertical	360	1.00
2437MHz	Pass	PK	586.78M	26.04	46.00	-19.96	3	Vertical	360	1.00
2437MHz	Pass	PK	897.18M	37.77	46.00	-8.23	3	Vertical	360	1.00
2437MHz	Pass	PK	30M	24.55	40.00	-15.45	3	Horizontal	0	1.00
2437MHz	Pass	PK	140.58M	17.37	43.50	-26.13	3	Horizontal	0	1.00
2437MHz	Pass	PK	427.7M	25.14	46.00	-20.86	3	Horizontal	0	1.00
2437MHz	Pass	PK	555.74M	26.33	46.00	-19.67	3	Horizontal	0	1.00
2437MHz	Pass	PK	840.92M	28.48	46.00	-17.52	3	Horizontal	0	1.00
2437MHz	Pass	PK	904.94M	30.06	46.00	-15.94	3	Horizontal	0	1.00
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	24.76	40.00	-15.24	3	Vertical	0	1.00
2437MHz	Pass	PK	109.54M	18.56	43.50	-24.94	3	Vertical	0	1.00
2437MHz	Pass	PK	365.62M	21.58	46.00	-24.42	3	Vertical	0	1.00
2437MHz	Pass	PK	497.54M	24.40	46.00	-21.60	3	Vertical	0	1.00
2437MHz	Pass	PK	549.92M	26.42	46.00	-19.58	3	Vertical	0	1.00
2437MHz	Pass	PK	998.06M	29.22	54.00	-24.78	3	Vertical	0	1.00
2437MHz	Pass	PK	30M	22.62	40.00	-17.38	3	Horizontal	360	1.00
2437MHz	Pass	PK	353.98M	20.27	46.00	-25.73	3	Horizontal	360	1.00
2437MHz	Pass	PK	528.58M	24.54	46.00	-21.46	3	Horizontal	360	1.00
2437MHz	Pass	PK	592.6M	25.69	46.00	-20.31	3	Horizontal	360	1.00
2437MHz	Pass	PK	712.88M	28.40	46.00	-17.60	3	Horizontal	360	1.00
2437MHz	Pass	PK	897.18M	31.58	46.00	-14.42	3	Horizontal	360	1.00

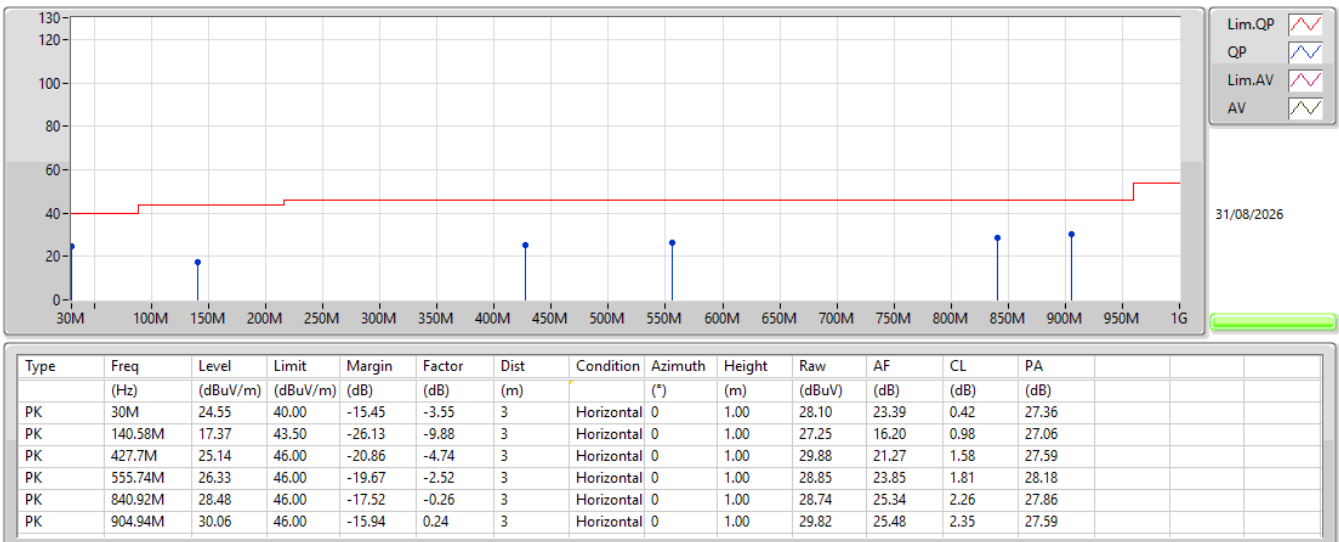
2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port1)

2437MHz_Adapter



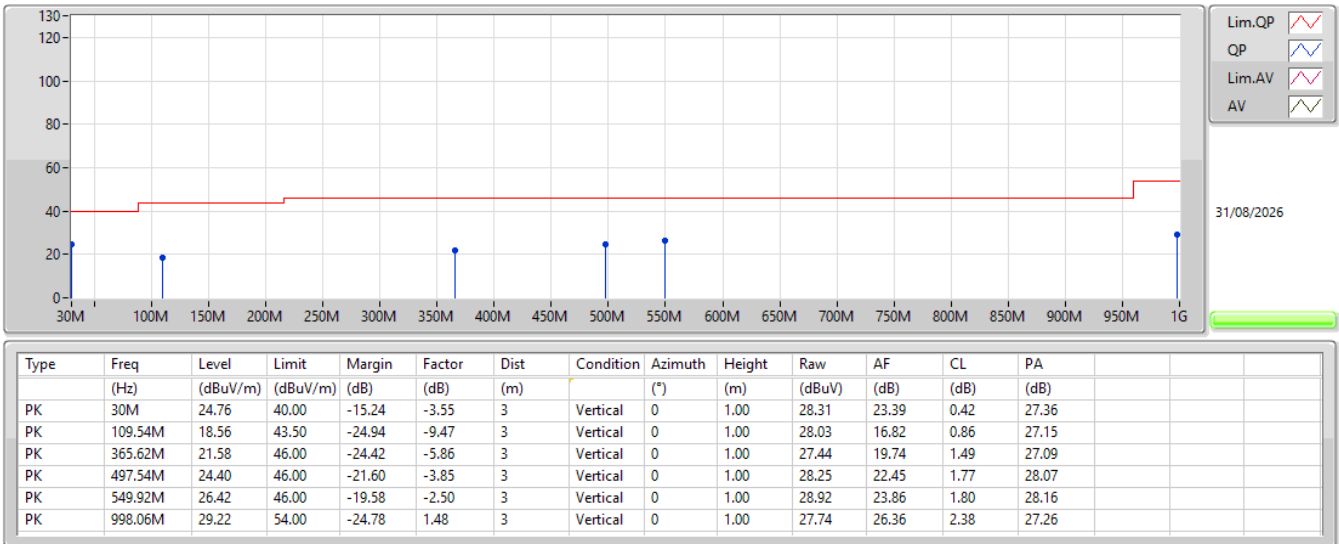
2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port1)

2437MHz_Adapter



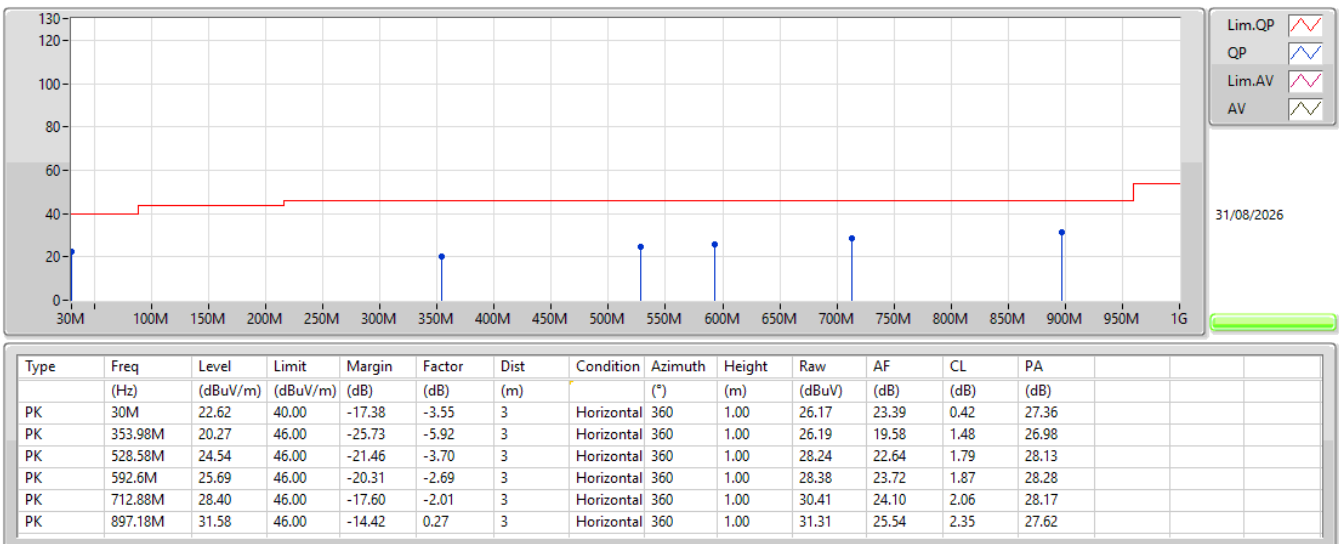
2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port2)

2437MHz_Adapter



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX(Port2)

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	4.874G	49.54	54.00	-4.46	3	Horizontal	82	1.47
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	AV	2.4876G	50.57	54.00	-3.43	3	Horizontal	178	1.43
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	2.39G	52.59	54.00	-1.41	3	Horizontal	83	1.85
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	2.4835G	53.17	54.00	-0.83	3	Horizontal	181	1.44
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	Pass	AV	2.4836G	52.58	54.00	-1.42	3	Horizontal	82	2.32
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	Pass	AV	2.4835G	52.82	54.00	-1.18	3	Horizontal	181	1.60

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	Pass	AV	2.3862G	47.84	54.00	-6.16	3	Horizontal	83	2.50
2412MHz	Pass	AV	2.4112G	107.93	Inf	-Inf	3	Horizontal	83	2.50
2412MHz	Pass	PK	2.383G	59.45	74.00	-14.55	3	Horizontal	83	2.50
2412MHz	Pass	PK	2.4118G	110.66	Inf	-Inf	3	Horizontal	83	2.50
2412MHz	Pass	AV	4.82394G	45.41	54.00	-8.59	3	Vertical	235	1.49
2412MHz	Pass	PK	4.82406G	48.77	74.00	-25.23	3	Vertical	235	1.49
2412MHz	Pass	AV	4.824G	47.91	54.00	-6.09	3	Horizontal	82	1.56
2412MHz	Pass	PK	4.82412G	50.81	74.00	-23.19	3	Horizontal	82	1.56
2437MHz	Pass	AV	2.3862G	45.16	54.00	-8.84	3	Horizontal	83	2.28
2437MHz	Pass	AV	2.4378G	109.13	Inf	-Inf	3	Horizontal	83	2.28
2437MHz	Pass	AV	2.4835G	46.08	54.00	-7.92	3	Horizontal	83	2.28
2437MHz	Pass	PK	2.3846G	58.87	74.00	-15.13	3	Horizontal	83	2.28
2437MHz	Pass	PK	2.437G	111.89	Inf	-Inf	3	Horizontal	83	2.28
2437MHz	Pass	PK	2.4894G	61.30	74.00	-12.70	3	Horizontal	83	2.28
2437MHz	Pass	AV	4.87396G	46.05	54.00	-7.95	3	Vertical	225	1.37
2437MHz	Pass	PK	4.87404G	49.75	74.00	-24.25	3	Vertical	225	1.37
2437MHz	Pass	AV	4.874G	49.54	54.00	-4.46	3	Horizontal	82	1.47
2437MHz	Pass	PK	4.87392G	52.34	74.00	-21.66	3	Horizontal	82	1.47
2462MHz	Pass	AV	2.4628G	109.23	Inf	-Inf	3	Horizontal	81	2.09
2462MHz	Pass	AV	2.4878G	49.54	54.00	-4.46	3	Horizontal	81	2.09
2462MHz	Pass	PK	2.4618G	112.04	Inf	-Inf	3	Horizontal	81	2.09
2462MHz	Pass	PK	2.491G	62.71	74.00	-11.29	3	Horizontal	81	2.09
2462MHz	Pass	AV	4.92396G	44.50	54.00	-9.50	3	Vertical	224	1.49
2462MHz	Pass	PK	4.924G	48.52	74.00	-25.48	3	Vertical	224	1.49
2462MHz	Pass	AV	4.924G	48.31	54.00	-5.69	3	Horizontal	82	2.53
2462MHz	Pass	PK	4.92392G	51.71	74.00	-22.29	3	Horizontal	82	2.53
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.59	54.00	-1.41	3	Horizontal	83	1.85
2412MHz	Pass	AV	2.4128G	104.62	Inf	-Inf	3	Horizontal	83	1.85
2412MHz	Pass	PK	2.39G	71.98	74.00	-2.02	3	Horizontal	83	1.85
2412MHz	Pass	PK	2.4128G	112.87	Inf	-Inf	3	Horizontal	83	1.85
2412MHz	Pass	AV	4.82528G	35.04	54.00	-18.96	3	Vertical	196	1.73
2412MHz	Pass	PK	4.81952G	50.50	74.00	-23.50	3	Vertical	196	1.73
2412MHz	Pass	AV	4.82516G	35.60	54.00	-18.40	3	Horizontal	84	1.64
2412MHz	Pass	PK	4.81988G	49.95	74.00	-24.05	3	Horizontal	84	1.64
2417MHz	Pass	AV	2.39G	48.67	54.00	-5.33	3	Horizontal	144	1.82
2417MHz	Pass	AV	2.4178G	105.26	Inf	-Inf	3	Horizontal	144	1.82
2417MHz	Pass	PK	2.3894G	66.53	74.00	-7.47	3	Horizontal	144	1.82
2417MHz	Pass	PK	2.4178G	113.51	Inf	-Inf	3	Horizontal	144	1.82
2437MHz	Pass	AV	2.3894G	45.89	54.00	-8.11	3	Horizontal	81	2.28
2437MHz	Pass	AV	2.4378G	106.80	Inf	-Inf	3	Horizontal	81	2.28
2437MHz	Pass	AV	2.4922G	47.14	54.00	-6.86	3	Horizontal	81	2.28
2437MHz	Pass	PK	2.3862G	62.65	74.00	-11.35	3	Horizontal	81	2.28
2437MHz	Pass	PK	2.4378G	115.05	Inf	-Inf	3	Horizontal	81	2.28
2437MHz	Pass	PK	2.495G	62.54	74.00	-11.46	3	Horizontal	81	2.28
2437MHz	Pass	AV	4.875G	38.18	54.00	-15.82	3	Vertical	203	1.64
2437MHz	Pass	PK	4.86964G	51.64	74.00	-22.36	3	Vertical	203	1.64
2437MHz	Pass	AV	4.87292G	40.04	54.00	-13.96	3	Horizontal	56	2.70
2437MHz	Pass	PK	4.86952G	53.37	74.00	-20.63	3	Horizontal	56	2.70
2457MHz	Pass	AV	2.4578G	106.72	Inf	-Inf	3	Horizontal	82	2.33
2457MHz	Pass	AV	2.4835G	51.16	54.00	-2.84	3	Horizontal	82	2.33
2457MHz	Pass	PK	2.4578G	114.96	Inf	-Inf	3	Horizontal	82	2.33
2457MHz	Pass	PK	2.485G	68.53	74.00	-5.47	3	Horizontal	82	2.33
2462MHz	Pass	AV	2.4628G	105.26	Inf	-Inf	3	Horizontal	88	2.07
2462MHz	Pass	AV	2.4836G	52.51	54.00	-1.49	3	Horizontal	88	2.07
2462MHz	Pass	PK	2.4628G	113.50	Inf	-Inf	3	Horizontal	88	2.07
2462MHz	Pass	PK	2.4838G	70.64	74.00	-3.36	3	Horizontal	88	2.07
2462MHz	Pass	AV	4.92508G	34.44	54.00	-19.56	3	Vertical	158	1.73
2462MHz	Pass	PK	4.91968G	47.39	74.00	-26.61	3	Vertical	158	1.73
2462MHz	Pass	AV	4.92528G	34.09	54.00	-19.91	3	Horizontal	56	1.73

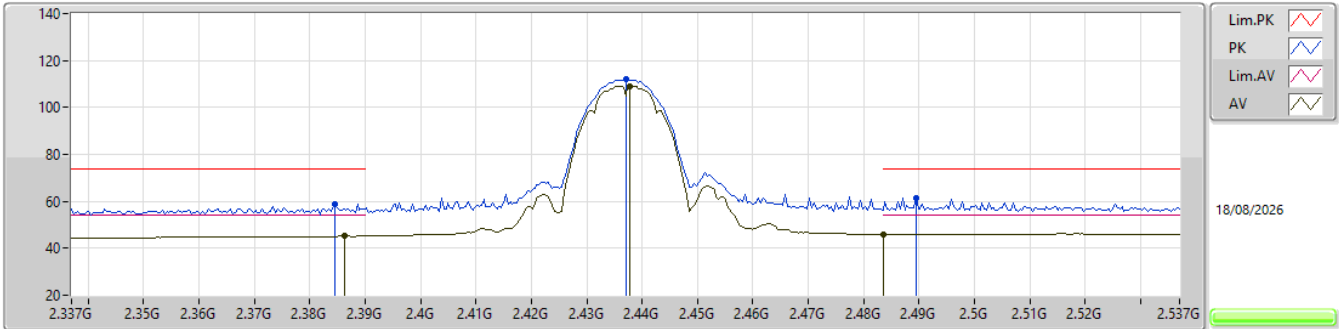
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	PK	4.91952G	46.86	74.00	-27.14	3	Horizontal	56	1.73
802.11n HT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.22	54.00	-1.78	3	Horizontal	84	1.83
2412MHz	Pass	AV	2.4128G	104.12	Inf	-Inf	3	Horizontal	84	1.83
2412MHz	Pass	PK	2.389G	67.74	74.00	-6.26	3	Horizontal	84	1.83
2412MHz	Pass	PK	2.4118G	112.96	Inf	-Inf	3	Horizontal	84	1.83
2412MHz	Pass	AV	4.82404G	36.71	54.00	-17.29	3	Vertical	197	1.77
2412MHz	Pass	PK	4.82436G	50.11	74.00	-23.89	3	Vertical	197	1.77
2412MHz	Pass	AV	4.82392G	37.25	54.00	-16.75	3	Horizontal	87	1.62
2412MHz	Pass	PK	4.82504G	50.73	74.00	-23.27	3	Horizontal	87	1.62
2417MHz	Pass	AV	2.3898G	49.52	54.00	-4.48	3	Horizontal	144	1.83
2417MHz	Pass	AV	2.4178G	105.12	Inf	-Inf	3	Horizontal	144	1.83
2417MHz	Pass	AV	2.4962G	46.99	54.00	-7.01	3	Horizontal	144	1.83
2417MHz	Pass	PK	2.3894G	63.90	74.00	-10.10	3	Horizontal	144	1.83
2417MHz	Pass	PK	2.417G	113.80	Inf	-Inf	3	Horizontal	144	1.83
2417MHz	Pass	PK	2.495G	59.83	74.00	-14.17	3	Horizontal	144	1.83
2437MHz	Pass	AV	2.383G	46.17	54.00	-7.83	3	Horizontal	82	2.30
2437MHz	Pass	AV	2.4378G	107.06	Inf	-Inf	3	Horizontal	82	2.30
2437MHz	Pass	AV	2.497G	47.56	54.00	-6.44	3	Horizontal	82	2.30
2437MHz	Pass	PK	2.3886G	61.00	74.00	-13.00	3	Horizontal	82	2.30
2437MHz	Pass	PK	2.4374G	115.25	Inf	-Inf	3	Horizontal	82	2.30
2437MHz	Pass	PK	2.4866G	63.63	74.00	-10.37	3	Horizontal	82	2.30
2437MHz	Pass	AV	4.87392G	38.35	54.00	-15.65	3	Vertical	203	1.81
2437MHz	Pass	PK	4.87148G	51.47	74.00	-22.53	3	Vertical	203	1.81
2437MHz	Pass	AV	4.87388G	40.97	54.00	-13.03	3	Horizontal	55	2.47
2437MHz	Pass	PK	4.87152G	53.77	74.00	-20.23	3	Horizontal	55	2.47
2457MHz	Pass	AV	2.4578G	107.03	Inf	-Inf	3	Horizontal	82	2.32
2457MHz	Pass	AV	2.4836G	52.58	54.00	-1.42	3	Horizontal	82	2.32
2457MHz	Pass	PK	2.457G	116.01	Inf	-Inf	3	Horizontal	82	2.32
2457MHz	Pass	PK	2.4872G	67.33	74.00	-6.67	3	Horizontal	82	2.32
2462MHz	Pass	AV	2.4628G	104.86	Inf	-Inf	3	Horizontal	89	2.09
2462MHz	Pass	AV	2.4836G	52.58	54.00	-1.42	3	Horizontal	89	2.09
2462MHz	Pass	PK	2.462G	113.56	Inf	-Inf	3	Horizontal	89	2.09
2462MHz	Pass	PK	2.4836G	68.64	74.00	-5.36	3	Horizontal	89	2.09
2462MHz	Pass	AV	4.92384G	34.46	54.00	-19.54	3	Vertical	158	1.71
2462MHz	Pass	PK	4.92652G	46.71	74.00	-27.29	3	Vertical	158	1.71
2462MHz	Pass	AV	4.9238G	36.08	54.00	-17.92	3	Horizontal	59	1.80
2462MHz	Pass	PK	4.92648G	48.41	74.00	-25.59	3	Horizontal	59	1.80
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3872G	48.38	54.00	-5.62	3	Horizontal	178	1.26
2412MHz	Pass	AV	2.4128G	110.63	Inf	-Inf	3	Horizontal	178	1.26
2412MHz	Pass	PK	2.3826G	63.05	74.00	-10.95	3	Horizontal	178	1.26
2412MHz	Pass	PK	2.4118G	113.42	Inf	-Inf	3	Horizontal	178	1.26
2412MHz	Pass	AV	4.82392G	43.26	54.00	-10.74	3	Vertical	304	1.80
2412MHz	Pass	PK	4.824G	47.63	74.00	-26.37	3	Vertical	304	1.80
2412MHz	Pass	AV	4.82392G	44.62	54.00	-9.38	3	Horizontal	174	1.31
2412MHz	Pass	PK	4.82404G	49.11	74.00	-24.89	3	Horizontal	174	1.31
2437MHz	Pass	AV	2.3898G	46.39	54.00	-7.61	3	Horizontal	177	1.71
2437MHz	Pass	AV	2.4378G	111.75	Inf	-Inf	3	Horizontal	177	1.71
2437MHz	Pass	AV	2.4835G	46.98	54.00	-7.02	3	Horizontal	177	1.71
2437MHz	Pass	PK	2.3874G	61.78	74.00	-12.22	3	Horizontal	177	1.71
2437MHz	Pass	PK	2.437G	114.56	Inf	-Inf	3	Horizontal	177	1.71
2437MHz	Pass	PK	2.4906G	63.80	74.00	-10.20	3	Horizontal	177	1.71
2437MHz	Pass	AV	4.87396G	44.60	54.00	-9.40	3	Vertical	310	1.50
2437MHz	Pass	PK	4.87404G	48.58	74.00	-25.42	3	Vertical	310	1.50
2437MHz	Pass	AV	4.87396G	43.06	54.00	-10.94	3	Horizontal	183	1.50
2437MHz	Pass	PK	4.87384G	48.18	74.00	-25.82	3	Horizontal	183	1.50
2462MHz	Pass	AV	2.4628G	111.84	Inf	-Inf	3	Horizontal	178	1.43
2462MHz	Pass	AV	2.4876G	50.57	54.00	-3.43	3	Horizontal	178	1.43
2462MHz	Pass	PK	2.462G	114.65	Inf	-Inf	3	Horizontal	178	1.43
2462MHz	Pass	PK	2.499G	65.32	74.00	-8.68	3	Horizontal	178	1.43
2462MHz	Pass	AV	4.92396G	45.85	54.00	-8.15	3	Vertical	198	1.40

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	PK	4.92392G	49.71	74.00	-24.29	3	Vertical	198	1.40
2462MHz	Pass	AV	4.924G	44.36	54.00	-9.64	3	Horizontal	327	1.65
2462MHz	Pass	PK	4.92396G	48.25	74.00	-25.75	3	Horizontal	327	1.65
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.40	54.00	-1.60	3	Horizontal	179	1.97
2412MHz	Pass	AV	2.4128G	107.28	Inf	-Inf	3	Horizontal	179	1.97
2412MHz	Pass	PK	2.39G	71.70	74.00	-2.30	3	Horizontal	179	1.97
2412MHz	Pass	PK	2.4128G	115.58	Inf	-Inf	3	Horizontal	179	1.97
2412MHz	Pass	AV	4.82536G	35.27	54.00	-18.73	3	Vertical	234	1.49
2412MHz	Pass	PK	4.82428G	47.41	74.00	-26.59	3	Vertical	234	1.49
2412MHz	Pass	AV	4.82304G	36.40	54.00	-17.60	3	Horizontal	48	1.80
2412MHz	Pass	PK	4.82008G	51.48	74.00	-22.52	3	Horizontal	48	1.80
2417MHz	Pass	AV	2.39G	51.69	54.00	-2.31	3	Horizontal	178	1.84
2417MHz	Pass	AV	2.4178G	109.06	Inf	-Inf	3	Horizontal	178	1.84
2417MHz	Pass	PK	2.3894G	69.40	74.00	-4.60	3	Horizontal	178	1.84
2417MHz	Pass	PK	2.4178G	117.34	Inf	-Inf	3	Horizontal	178	1.84
2437MHz	Pass	AV	2.3894G	47.32	54.00	-6.68	3	Horizontal	177	1.74
2437MHz	Pass	AV	2.4378G	109.69	Inf	-Inf	3	Horizontal	177	1.74
2437MHz	Pass	AV	2.4994G	48.91	54.00	-5.09	3	Horizontal	177	1.74
2437MHz	Pass	PK	2.385G	63.86	74.00	-10.14	3	Horizontal	177	1.74
2437MHz	Pass	PK	2.4378G	117.91	Inf	-Inf	3	Horizontal	177	1.74
2437MHz	Pass	PK	2.4838G	66.24	74.00	-7.76	3	Horizontal	177	1.74
2437MHz	Pass	AV	4.87508G	35.57	54.00	-18.43	3	Vertical	214	1.70
2437MHz	Pass	PK	4.87488G	48.33	74.00	-25.67	3	Vertical	214	1.70
2437MHz	Pass	AV	4.8732G	38.55	54.00	-15.45	3	Horizontal	42	1.76
2437MHz	Pass	PK	4.87364G	51.07	74.00	-22.93	3	Horizontal	42	1.76
2457MHz	Pass	AV	2.4562G	109.13	Inf	-Inf	3	Horizontal	182	1.60
2457MHz	Pass	AV	2.4835G	52.72	54.00	-1.28	3	Horizontal	182	1.60
2457MHz	Pass	PK	2.4578G	117.25	Inf	-Inf	3	Horizontal	182	1.60
2457MHz	Pass	PK	2.4852G	70.20	74.00	-3.80	3	Horizontal	182	1.60
2462MHz	Pass	AV	2.4628G	108.06	Inf	-Inf	3	Horizontal	181	1.44
2462MHz	Pass	AV	2.4835G	53.17	54.00	-0.83	3	Horizontal	181	1.44
2462MHz	Pass	PK	2.4628G	116.32	Inf	-Inf	3	Horizontal	181	1.44
2462MHz	Pass	PK	2.4835G	70.66	74.00	-3.34	3	Horizontal	181	1.44
2462MHz	Pass	AV	4.92524G	33.76	54.00	-20.24	3	Vertical	210	1.85
2462MHz	Pass	PK	4.92684G	47.20	74.00	-26.80	3	Vertical	210	1.85
2462MHz	Pass	AV	4.92256G	32.67	54.00	-21.33	3	Horizontal	334	1.50
2462MHz	Pass	PK	4.92808G	44.93	74.00	-29.07	3	Horizontal	334	1.50
802.11n HT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.63	54.00	-1.37	3	Horizontal	177	1.97
2412MHz	Pass	AV	2.4128G	107.50	Inf	-Inf	3	Horizontal	177	1.97
2412MHz	Pass	PK	2.39G	71.74	74.00	-2.26	3	Horizontal	177	1.97
2412MHz	Pass	PK	2.4128G	115.72	Inf	-Inf	3	Horizontal	177	1.97
2412MHz	Pass	AV	4.82388G	35.01	54.00	-18.99	3	Vertical	233	1.75
2412MHz	Pass	PK	4.82636G	47.22	74.00	-26.78	3	Vertical	233	1.75
2412MHz	Pass	AV	4.82372G	35.05	54.00	-18.95	3	Horizontal	8	1.49
2412MHz	Pass	PK	4.82168G	47.88	74.00	-26.12	3	Horizontal	8	1.49
2417MHz	Pass	AV	2.3898G	51.91	54.00	-2.09	3	Horizontal	178	1.97
2417MHz	Pass	AV	2.4178G	109.11	Inf	-Inf	3	Horizontal	178	1.97
2417MHz	Pass	PK	2.3896G	67.43	74.00	-6.57	3	Horizontal	178	1.97
2417MHz	Pass	PK	2.4168G	117.85	Inf	-Inf	3	Horizontal	178	1.97
2437MHz	Pass	AV	2.387G	47.36	54.00	-6.64	3	Horizontal	181	1.72
2437MHz	Pass	AV	2.4378G	109.36	Inf	-Inf	3	Horizontal	181	1.72
2437MHz	Pass	AV	2.4982G	49.16	54.00	-4.84	3	Horizontal	181	1.72
2437MHz	Pass	PK	2.3886G	65.00	74.00	-9.00	3	Horizontal	181	1.72
2437MHz	Pass	PK	2.437G	118.25	Inf	-Inf	3	Horizontal	181	1.72
2437MHz	Pass	PK	2.4862G	66.46	74.00	-7.54	3	Horizontal	181	1.72
2437MHz	Pass	AV	4.8736G	35.98	54.00	-18.02	3	Vertical	213	1.69
2437MHz	Pass	PK	4.87656G	48.74	74.00	-25.26	3	Vertical	213	1.69
2437MHz	Pass	AV	4.87404G	38.34	54.00	-15.66	3	Horizontal	39	1.80
2437MHz	Pass	PK	4.87524G	50.62	74.00	-23.38	3	Horizontal	39	1.80
2457MHz	Pass	AV	2.4576G	108.65	Inf	-Inf	3	Horizontal	181	1.60

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2457MHz	Pass	AV	2.4835G	52.82	54.00	-1.18	3	Horizontal	181	1.60
2457MHz	Pass	PK	2.4568G	117.49	Inf	-Inf	3	Horizontal	181	1.60
2457MHz	Pass	PK	2.485G	69.18	74.00	-4.82	3	Horizontal	181	1.60
2462MHz	Pass	AV	2.4628G	107.53	Inf	-Inf	3	Horizontal	181	1.46
2462MHz	Pass	AV	2.4835G	52.75	54.00	-1.25	3	Horizontal	181	1.46
2462MHz	Pass	PK	2.4628G	115.60	Inf	-Inf	3	Horizontal	181	1.46
2462MHz	Pass	PK	2.4835G	69.20	74.00	-4.80	3	Horizontal	181	1.46
2462MHz	Pass	AV	4.92384G	33.98	54.00	-20.02	3	Vertical	212	1.63
2462MHz	Pass	PK	4.92624G	45.73	74.00	-28.27	3	Vertical	212	1.63
2462MHz	Pass	AV	4.92384G	33.90	54.00	-20.10	3	Horizontal	335	1.38
2462MHz	Pass	PK	4.92508G	46.03	74.00	-27.97	3	Horizontal	335	1.38

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

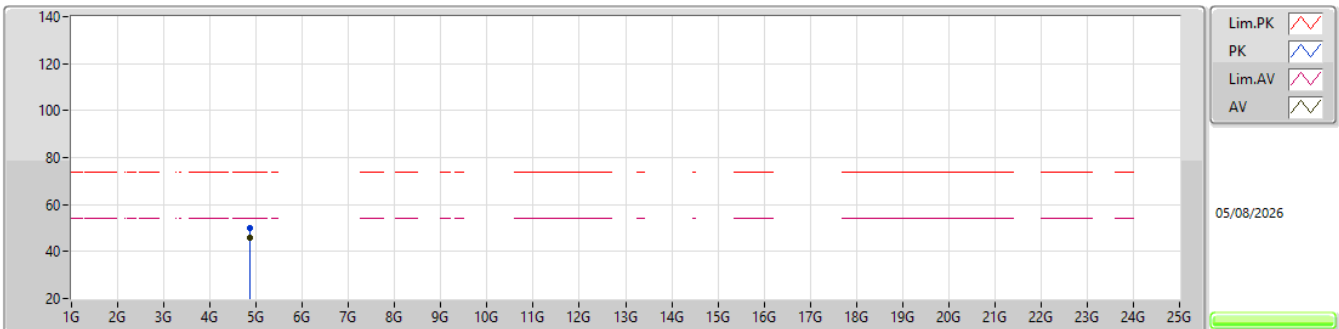
2437MHz_TX



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	2.3862G	45.16	54.00	-8.84	31.07	3	Horizontal	83	2.28	14.09	27.30	3.77	-
AV	2.4378G	109.13	Inf	-Inf	31.23	3	Horizontal	83	2.28	77.90	27.40	3.83	-
AV	2.4835G	46.08	54.00	-7.92	31.74	3	Horizontal	83	2.28	14.34	27.84	3.90	-
PK	2.3846G	58.87	74.00	-15.13	31.06	3	Horizontal	83	2.28	27.81	27.30	3.76	-
PK	2.437G	111.89	Inf	-Inf	31.23	3	Horizontal	83	2.28	80.66	27.40	3.83	-
PK	2.4894G	61.30	74.00	-12.70	31.80	3	Horizontal	83	2.28	29.50	27.89	3.91	-

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

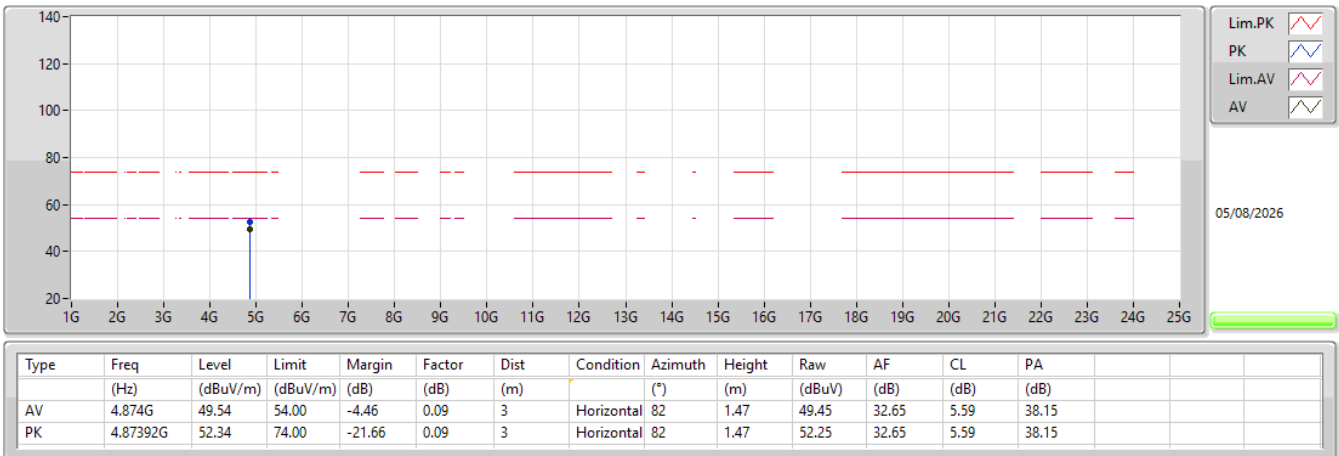
2437MHz_TX



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	4.87396G	46.05	54.00	-7.95	0.09	3	Vertical	225	1.37	45.96	32.65	5.59	38.15
PK	4.87404G	49.75	74.00	-24.25	0.09	3	Vertical	225	1.37	49.66	32.65	5.59	38.15

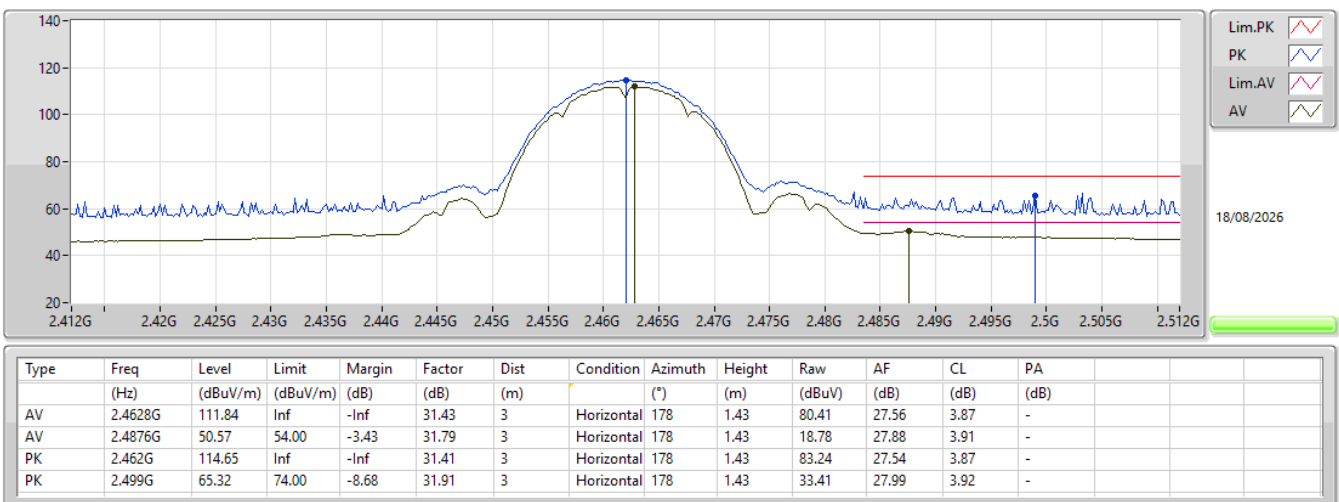
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

2437MHz_TX



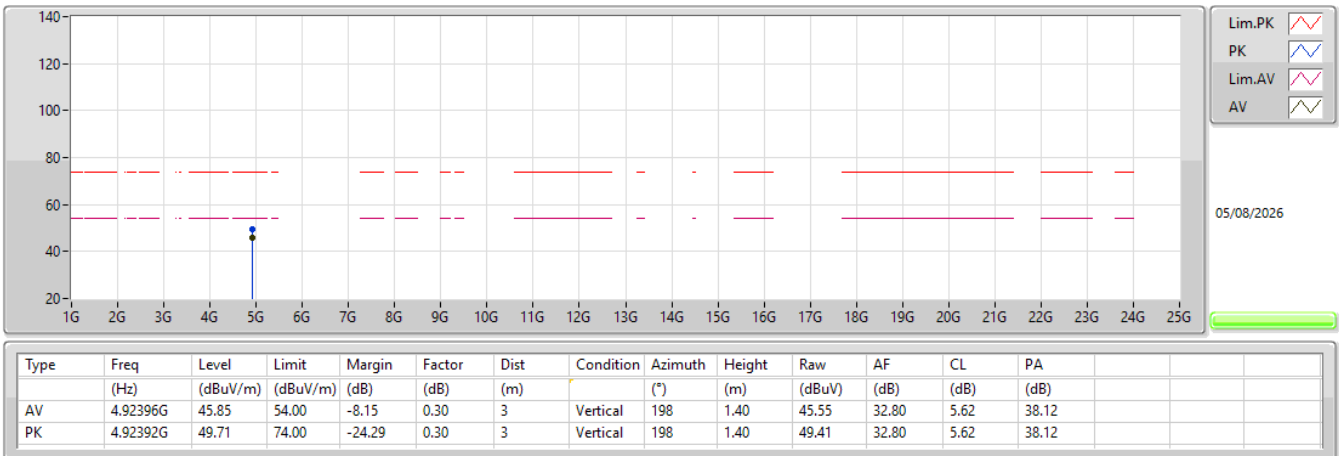
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

2462MHz_TX



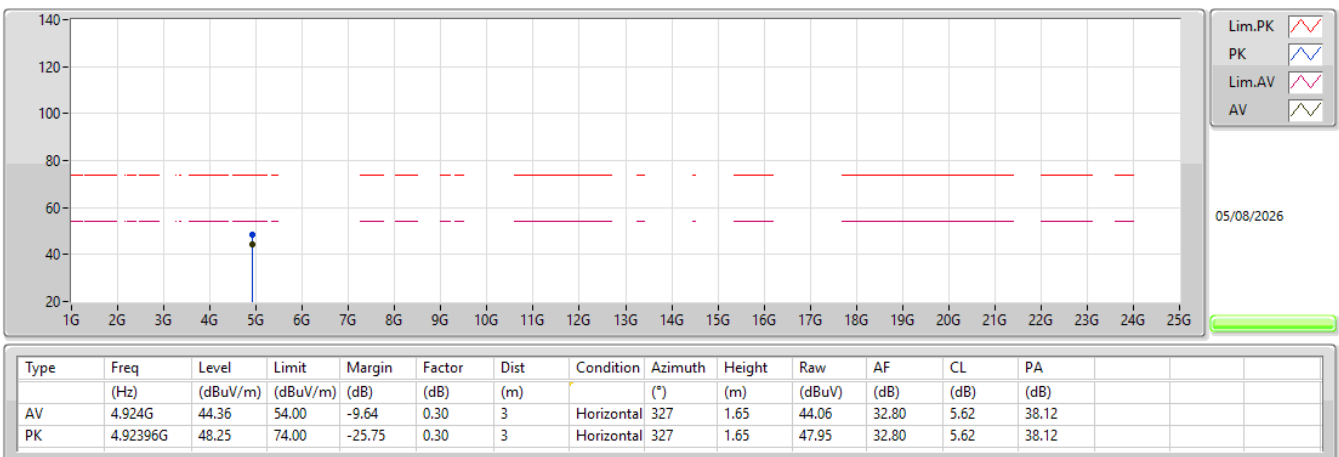
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port2)

2462MHz_TX



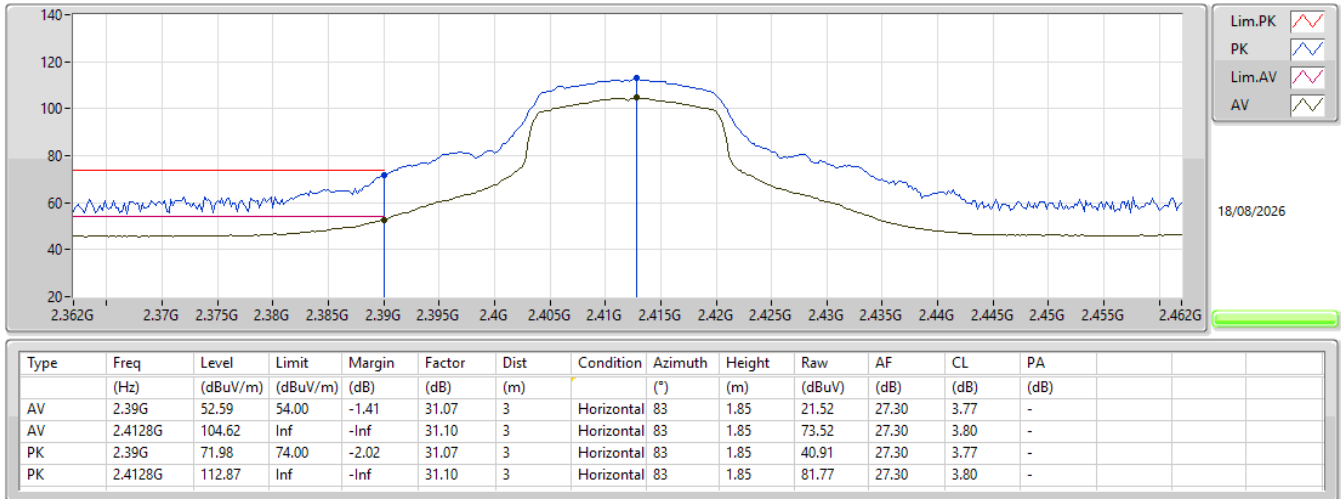
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2462MHz_TX



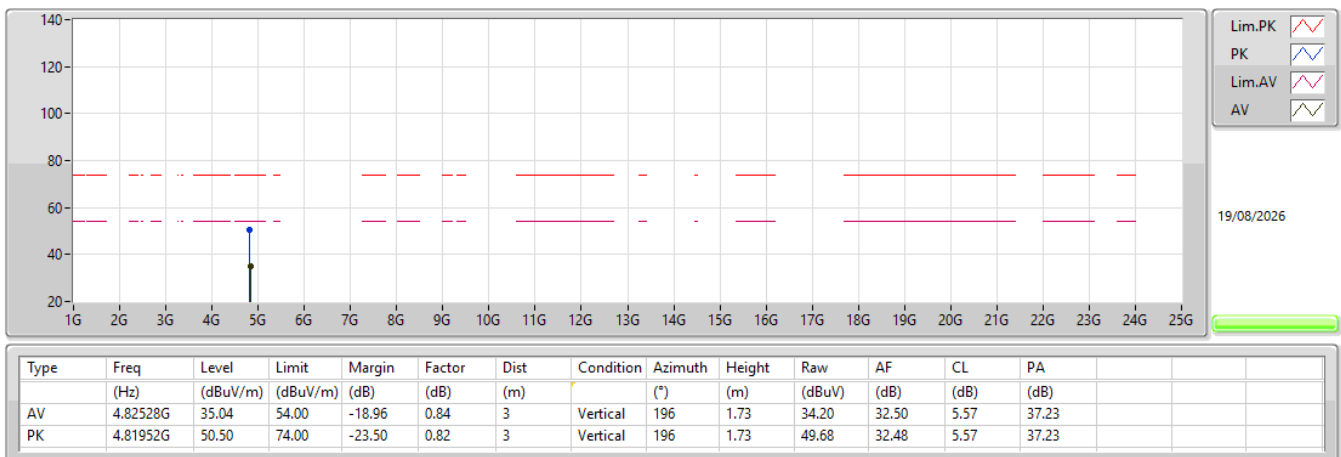
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2412MHz_TX



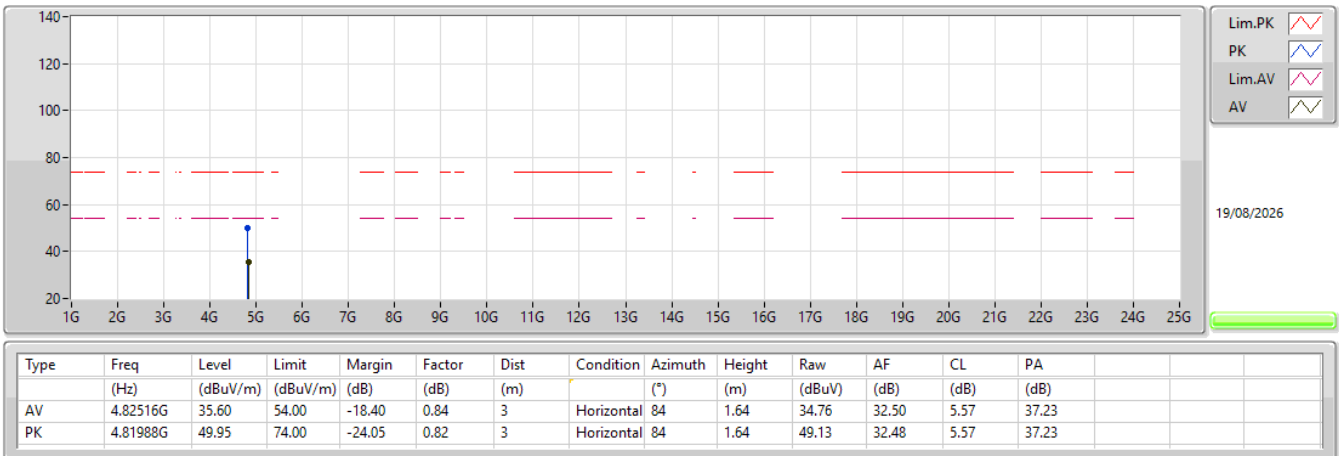
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2412MHz_TX



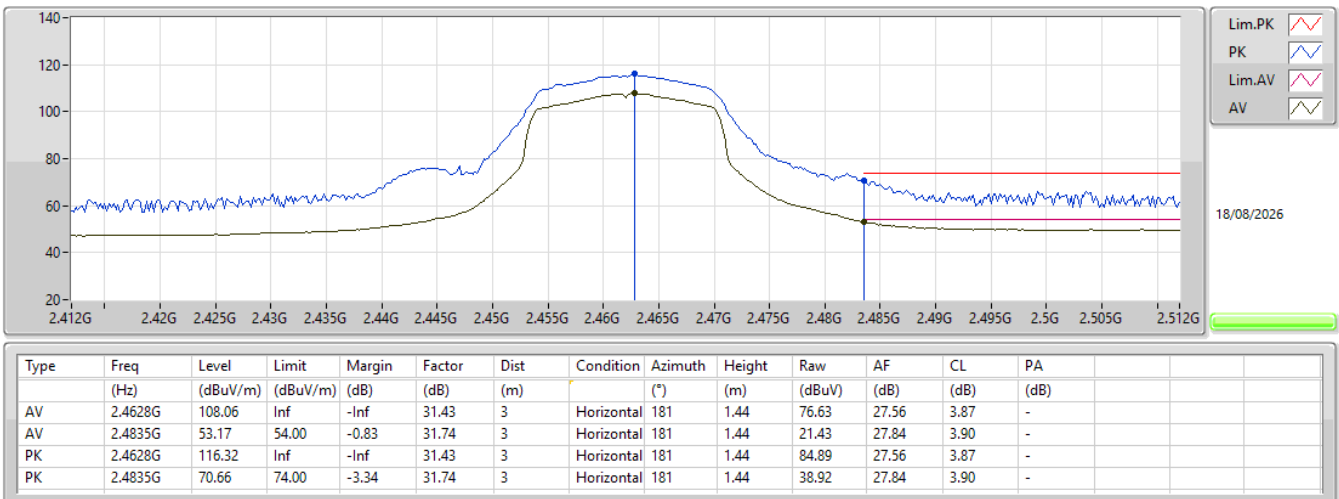
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2412MHz_TX



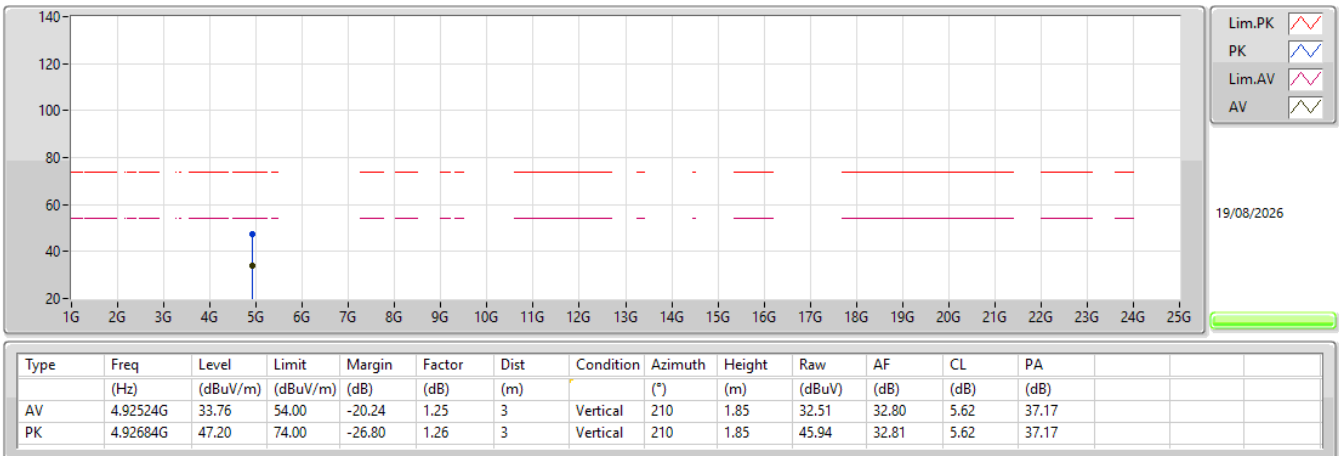
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

2462MHz_TX



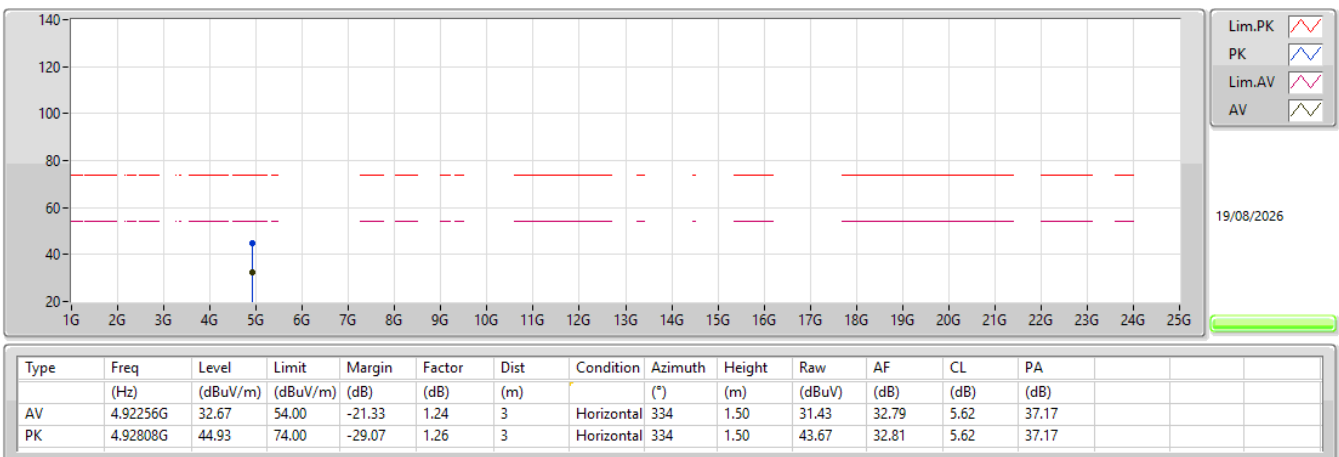
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

2462MHz_TX



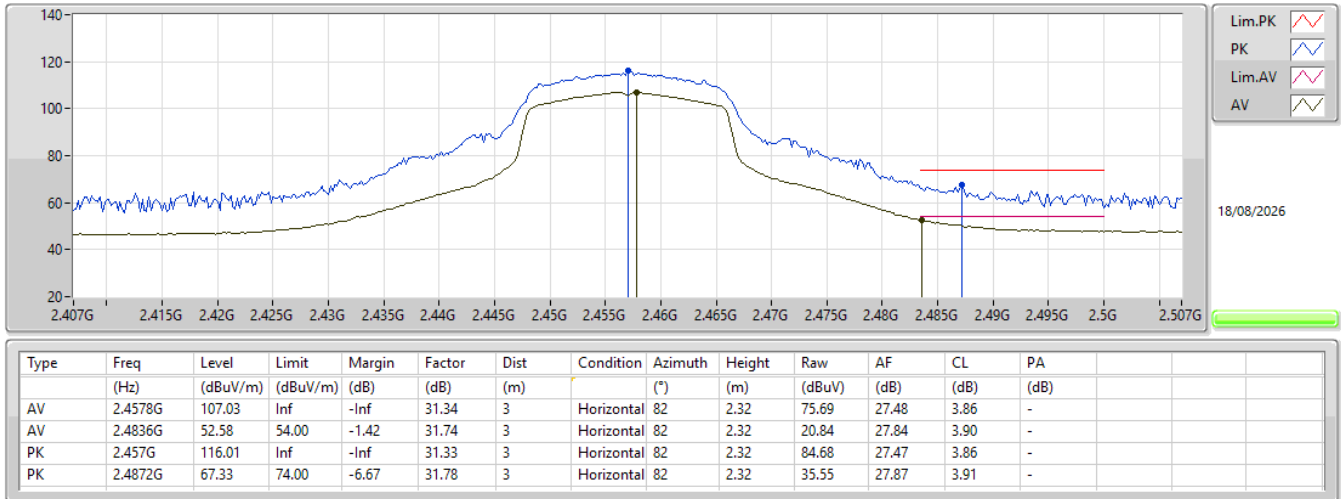
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port2)

2462MHz_TX



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

2457MHz_TX



2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX(Port2)

2457MHz_TX

