



FCC Radio Test Report

FCC ID : HBW-VKP2K
Equipment : SMART GARAGE VIDEO KEYPAD
Brand Name : myQ
Model Name : MYQ-K40TXXW2
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 Mar. 20, 2026, and testing was started from Mar. 20, 2026 and completed on Apr. 15, 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
FR631936AC	01	Initial issue of report	May 21, 2026

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	Not Required	Only employ battery power.
3.1	15.247(a)	DTS Bandwidth	PASS	-
3.2	15.247(b)	Maximum Conducted Output Power	PASS	-
3.3	15.247(e)	Power Spectral Density	PASS	-
3.4	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.5	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
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	Primax	RFPCA241709IMAB401	PCB/FPC	I-Pex	2.4G
2	Primax	RFPCA241707IMAB401	PCB/FPC	I-Pex	BT
3	Primax	RFFPA451800NNUB003	FPC	N/A	Sub-1GHz

Ant.	Port	Gain (dBi)			
		2.4G	BT	Sub-GHz (315 MHz)	Sub-GHz (390 MHz)
1	1	2.98	-	-	-
2	2	-	3.56	-	-
3	3	-	-	-15.13	-11.12

Note 1: The EUT has three antennas.

For 2.4GHz function:

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

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

For BT function:

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

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

For Sub-1GHz function:

Ant. 3 (port 3) could transmit.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Battery		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.: ...		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX	0.998	0.01	8.194m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX	0.998	0.01	1.361m	10Hz (DC>=0.98)
802.11n HT20_Nss1,(MCS0)_1TX	0.997	0.01	1.273m	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 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.				
☒	Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)		
		TEL: 886-3-327-0868		
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	22.4~23.1°C / 54~63%	20/Mar/2026~02/Apr/2026
Radiated	03CH25-HY	Rian Chung	20.8~23.2°C / 50~54%	20/Mar/2026~15/Apr/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
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	MPTool_1V9.7
Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	21.25
2417MHz	21.75
2437MHz	23
2457MHz	20.75
2462MHz	20.5
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	21
2417MHz	22.5
2437MHz	23
2457MHz	21
2462MHz	19.5
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	20.25
2417MHz	21.75
2437MHz	23
2457MHz	21
2462MHz	19.75

2.2 The Worst Case Measurement Configuration

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

2.3 Accessories

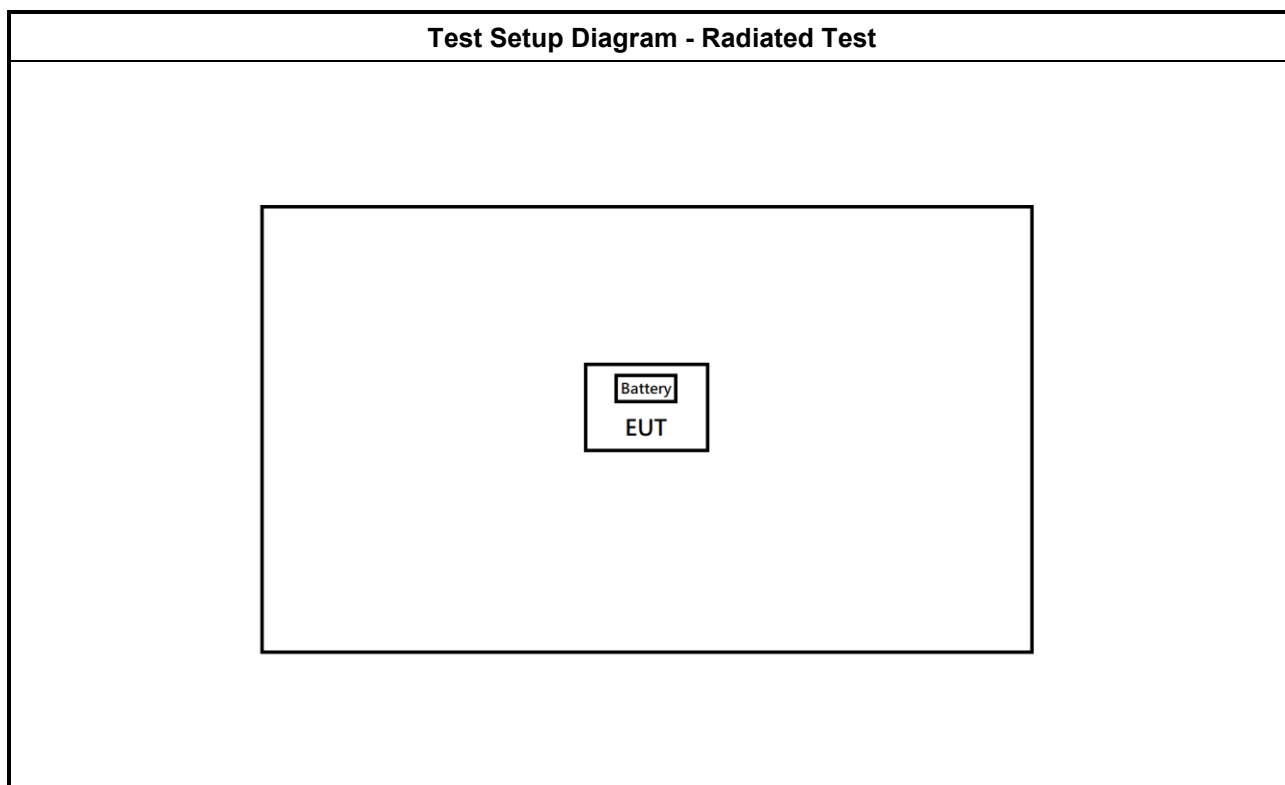
Accessories				
Battery	Brand Name	myQ	Model Name	18650MH1-1S2P
	Power Rating	3.7 Vdc, 6100 mAh	Type	Li-ion, <u>Yes</u>

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

2.4 Support Equipment

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

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 DTS Bandwidth

3.1.1 6dB Bandwidth Limit

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

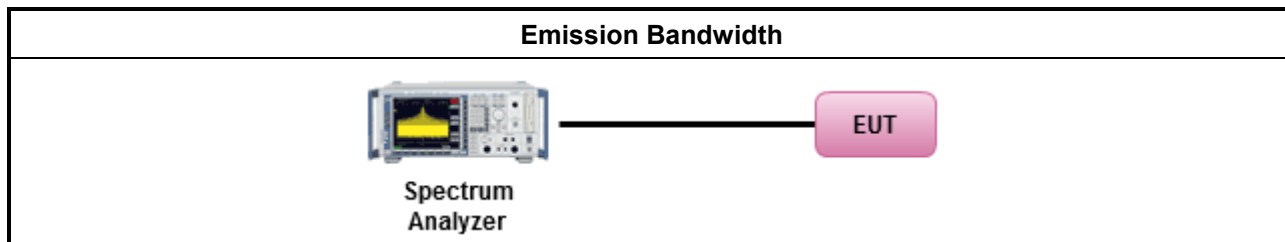
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 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.	

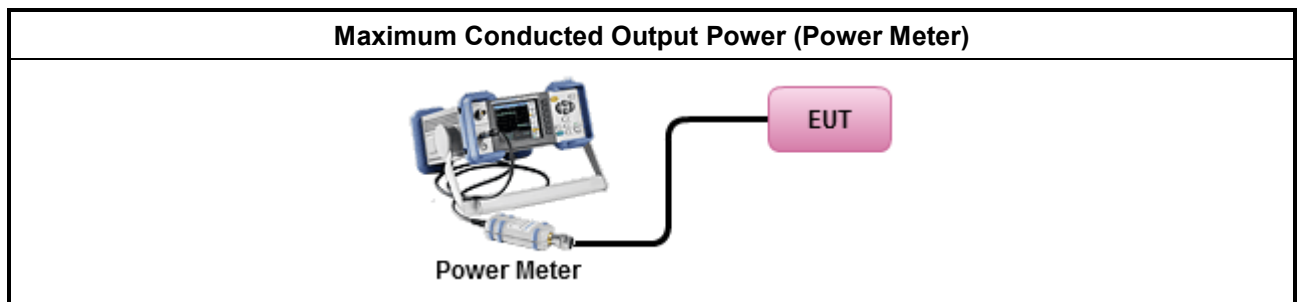
3.2.2 Measuring Instruments

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

3.2.3 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]) $EIRP_{total} = P_{total} + DG$	

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Power Spectral Density Limit

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

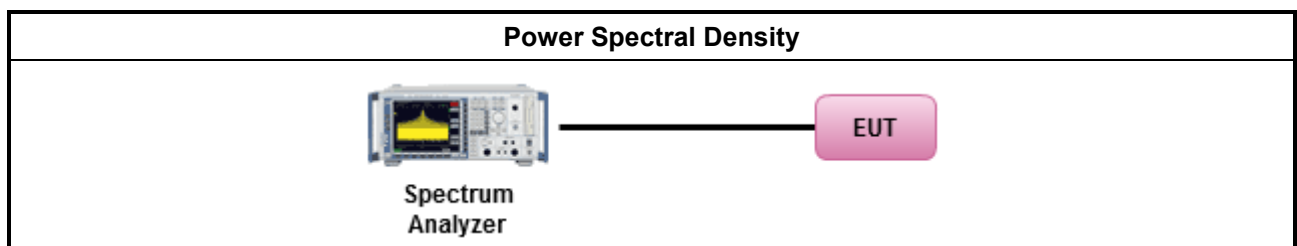
3.3.2 Measuring Instruments

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

3.3.3 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.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Emissions in Non-restricted Frequency Bands

3.4.1 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.	

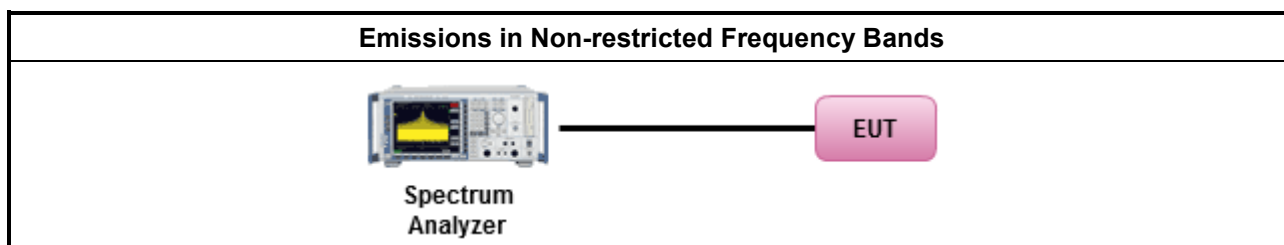
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix D

3.5 Emissions in Restricted Frequency Bands

3.5.1 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.

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

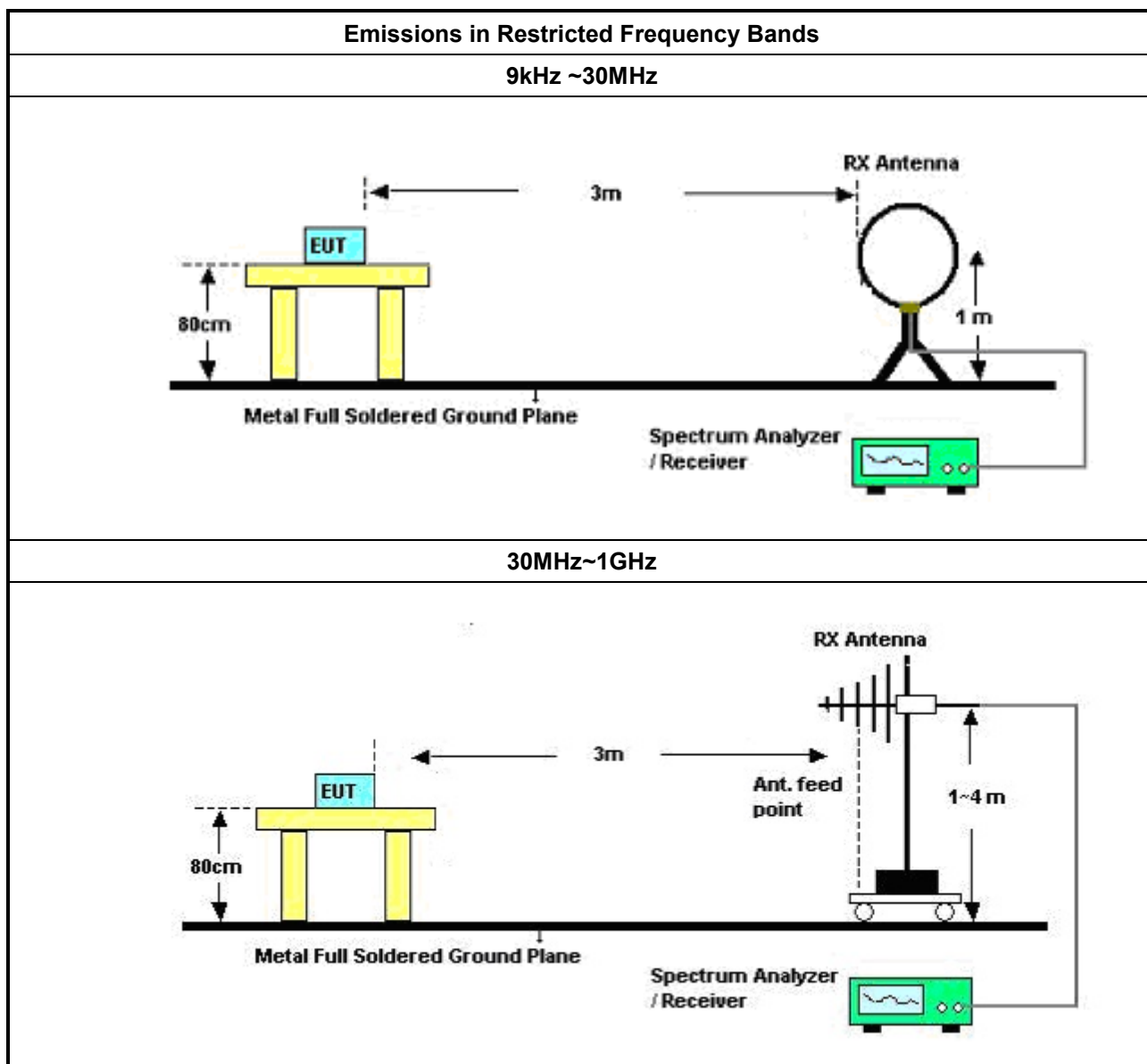
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

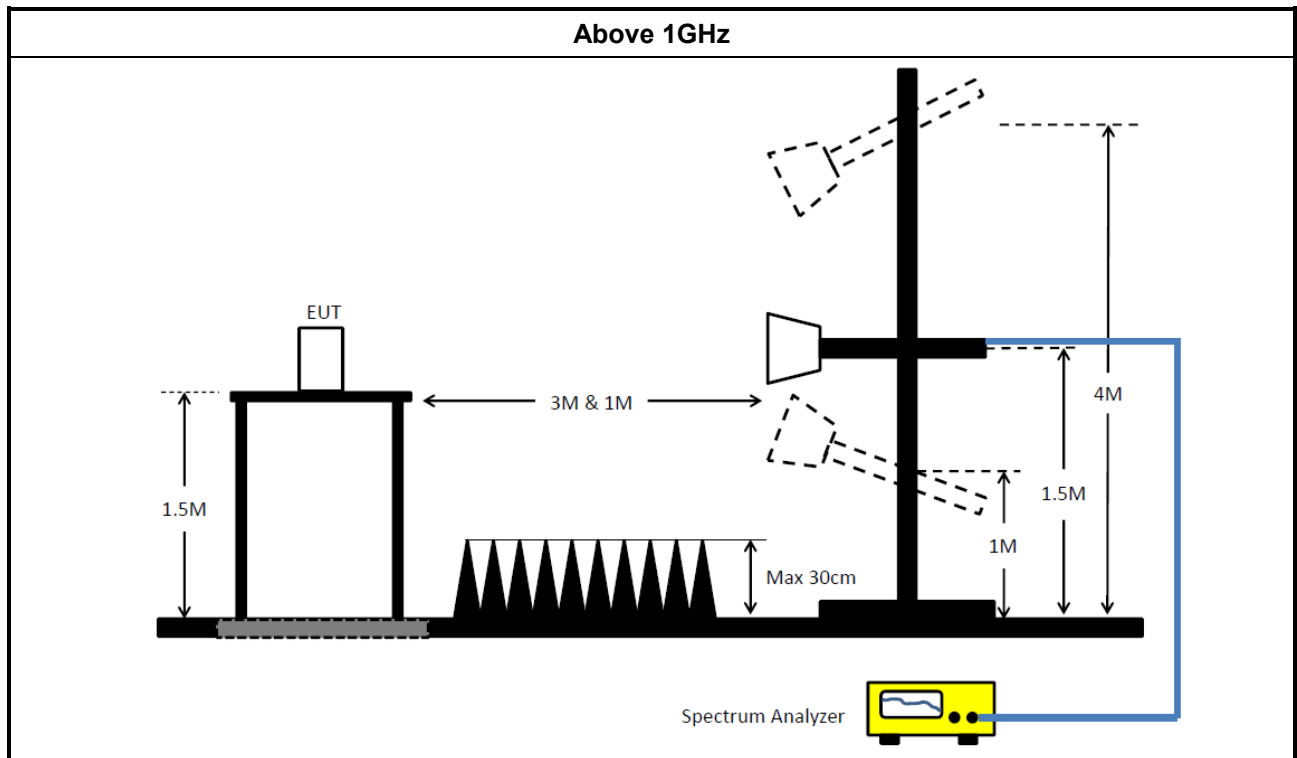
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 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.

3.5.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix E

4 Test Equipment and Calibration Data

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	2105003	300MHz~40GHz	10/Sep/2025	09/Sep/2026
Pulse Sensor	Anritsu	MA2411B	1911254	300MHz~40GHz	10/Sep/2025	09/Sep/2026
SENSE-15247_DTS	Sporton	V5.11.27	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	03CH25-HY	30MHz~1GHz 3m	18/Jul/2025	17/Jul/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	07/Aug/2025	06/Aug/2026
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	26/Aug/2025	25/Aug/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	19/Nov/2025	18/Nov/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	23/May/2025	22/May/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	23/Apr/2025	22/Apr/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	10/Feb/2026	09/Feb/2027
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15247-DTS	Sporton	V5.11.28	NA	NA	NA	NA

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.175M	14.458M	14M5G1D	9.515M	13.908M
802.11g_Nss1,(6Mbps)_1TX	14.96M	17.041M	17MOD1D	14.465M	16.657M
802.11n HT20_Nss1,(MCS0)_1TX	16.335M	18.086M	18M1D1D	14.685M	17.756M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	9.57M	13.963M
2437MHz	Pass	500k	10.175M	14.458M
2462MHz	Pass	500k	9.515M	13.908M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	14.96M	16.767M
2437MHz	Pass	500k	14.685M	17.041M
2462MHz	Pass	500k	14.465M	16.657M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	16.335M	17.756M
2437MHz	Pass	500k	16.005M	18.086M
2462MHz	Pass	500k	14.685M	17.756M

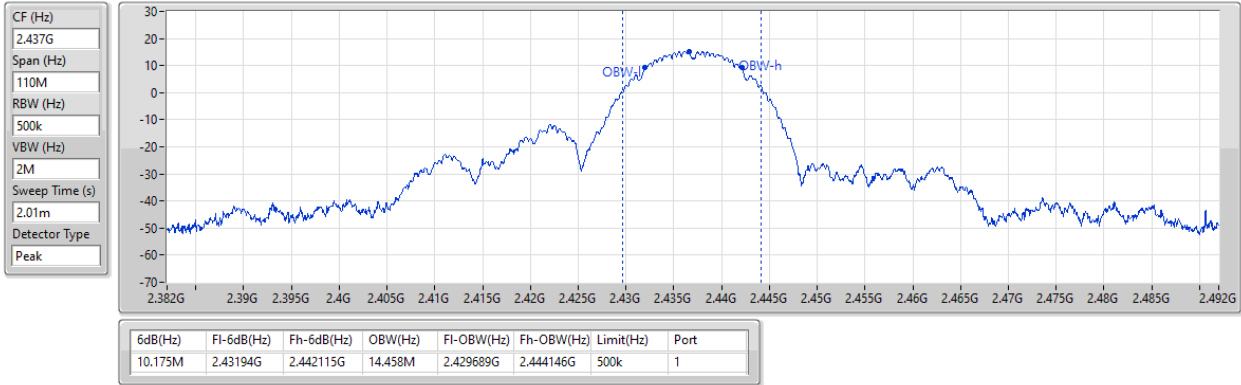
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2437MHz

20/03/2026

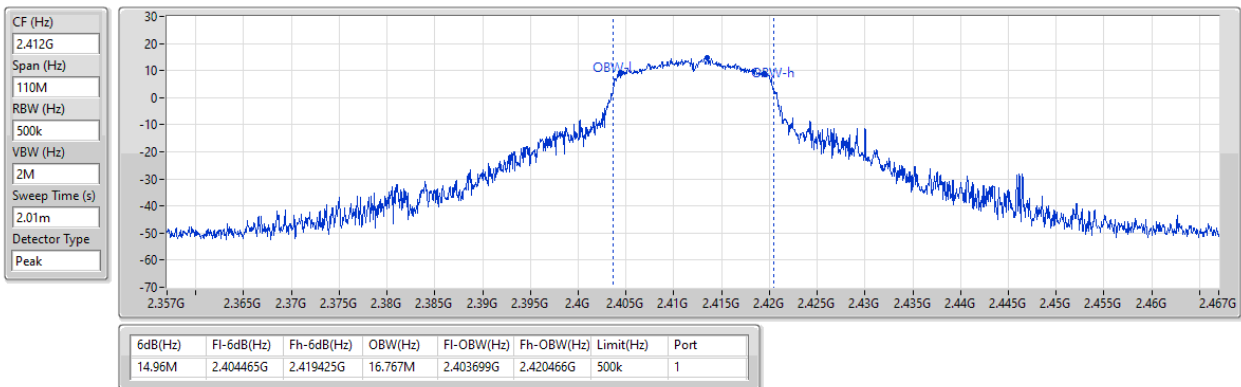


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

02/04/2026

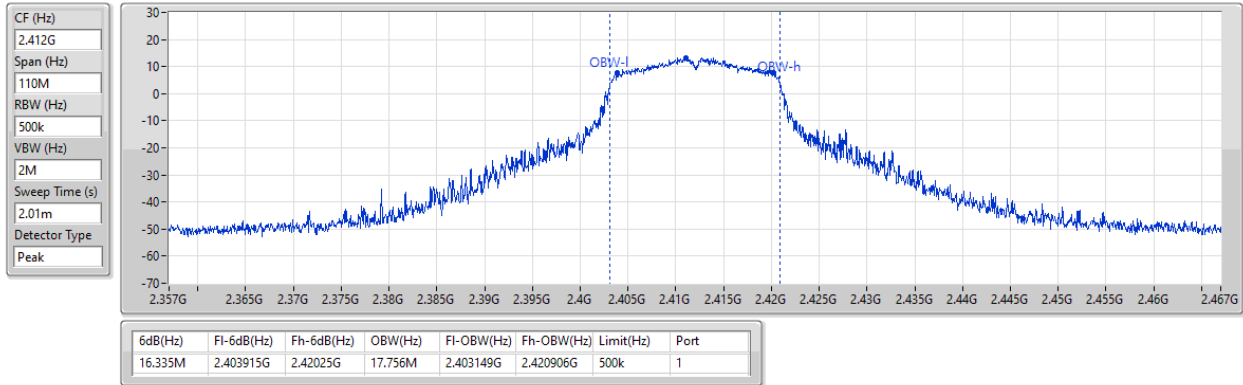


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

02/04/2026





Average Power

Appendix B

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	23.35	0.21627
802.11g_Nss1,(6Mbps)_1TX	21.65	0.14622
802.11n HT20_Nss1,(MCS0)_1TX	21.42	0.13868

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	21.05	21.05	30.00
2417MHz	Pass	2.98	21.78	21.78	30.00
2437MHz	Pass	2.98	23.35	23.35	30.00
2457MHz	Pass	2.98	20.00	20.00	30.00
2462MHz	Pass	2.98	19.44	19.44	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	20.20	20.20	30.00
2417MHz	Pass	2.98	21.56	21.56	30.00
2437MHz	Pass	2.98	21.65	21.65	30.00
2457MHz	Pass	2.98	20.04	20.04	30.00
2462MHz	Pass	2.98	18.60	18.60	30.00
802.11n_HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	19.23	19.23	30.00
2417MHz	Pass	2.98	20.74	20.74	30.00
2437MHz	Pass	2.98	21.42	21.42	30.00
2457MHz	Pass	2.98	20.04	20.04	30.00
2462MHz	Pass	2.98	18.79	18.79	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-0.34
802.11g_Nss1,(6Mbps)_1TX	-3.13
802.11n HT20_Nss1,(MCS0)_1TX	-2.40

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-1.45	-1.45	8.00
2437MHz	Pass	2.98	-0.34	-0.34	8.00
2462MHz	Pass	2.98	-4.71	-4.71	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-4.74	-4.74	8.00
2437MHz	Pass	2.98	-3.13	-3.13	8.00
2462MHz	Pass	2.98	-6.18	-6.18	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-4.31	-4.31	8.00
2437MHz	Pass	2.98	-2.40	-2.40	8.00
2462MHz	Pass	2.98	-4.37	-4.37	8.00

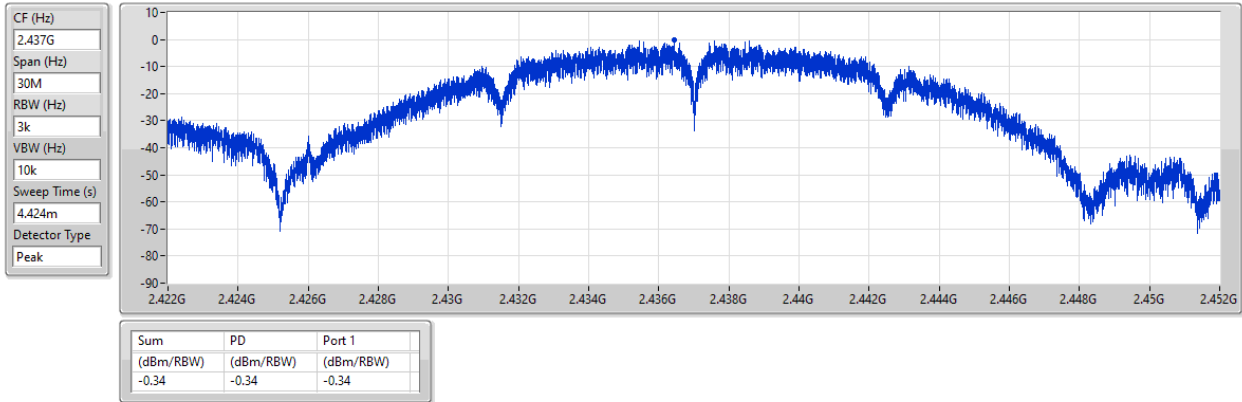
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2437MHz

20/03/2026

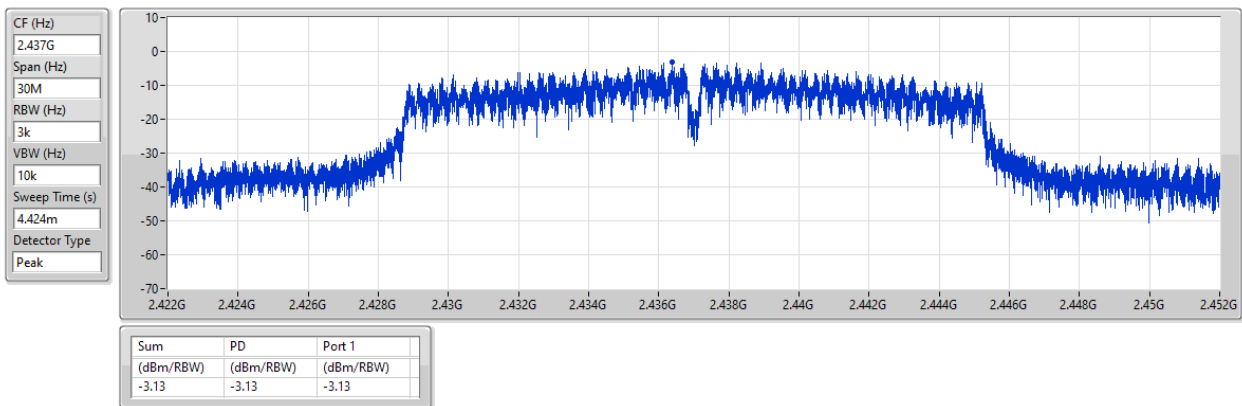


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

02/04/2026

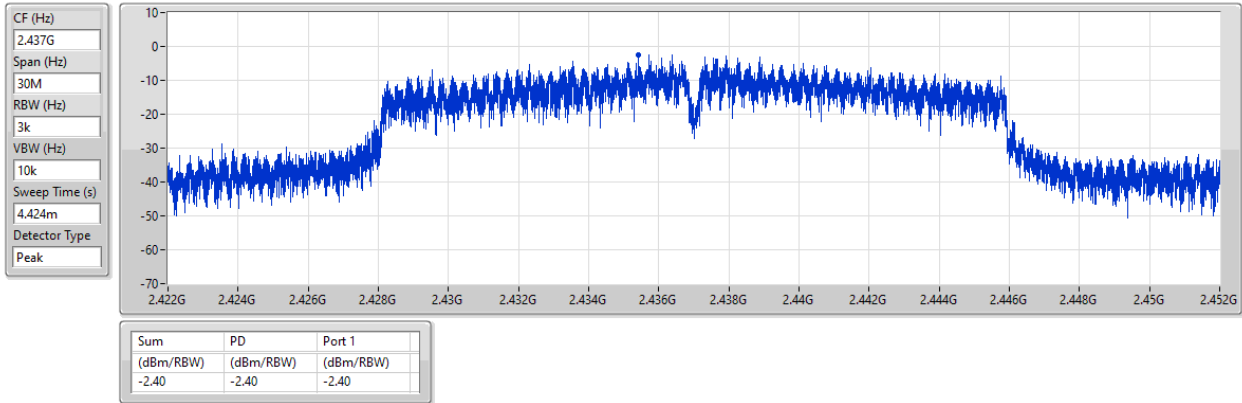


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

02/04/2026





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,(1Mbps)_1TX	Pass	2.43607G	14.36	-15.64	2.14681G	-54.41	2.39752G	-18.18	2.4G	-32.07	2.51214G	-53.85	16.20045G	-42.30	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	12.04	-17.96	1.97905G	-54.63	2.39928G	-18.69	2.4G	-18.20	2.51998G	-52.58	16.20607G	-41.10	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.43824G	11.98	-18.02	2.13982G	-54.68	2.39856G	-23.47	2.4G	-22.28	2.50326G	-52.11	16.95622G	-42.17	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43607G	14.36	-15.64	2.14681G	-54.41	2.39752G	-18.18	2.4G	-32.07	2.51214G	-53.85	16.20045G	-42.30	1
2437MHz	Pass	2.43607G	14.36	-15.64	1.96041G	-55.77	2.39304G	-42.58	2.4G	-46.89	2.50358G	-52.31	16.92251G	-42.09	1
2462MHz	Pass	2.43607G	14.36	-15.64	2.15613G	-55.48	2.39536G	-54.38	2.4G	-54.50	2.5007G	-52.64	16.2735G	-42.11	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	12.04	-17.96	1.97905G	-54.63	2.39928G	-18.69	2.4G	-18.20	2.51998G	-52.58	16.20607G	-41.10	1
2437MHz	Pass	2.43824G	12.04	-17.96	1.98021G	-54.40	2.39984G	-41.03	2.4G	-41.79	2.50214G	-51.67	16.78765G	-41.99	1
2462MHz	Pass	2.43824G	12.04	-17.96	2.13399G	-55.40	2.39256G	-53.57	2.4G	-55.97	2.50222G	-50.21	23.36483G	-42.10	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	11.98	-18.02	2.13982G	-54.68	2.39856G	-23.47	2.4G	-22.28	2.50326G	-52.11	16.95622G	-42.17	1
2437MHz	Pass	2.43824G	11.98	-18.02	2.15846G	-55.05	2.39984G	-42.65	2.4G	-43.58	2.5011G	-51.03	15.30701G	-42.52	1
2462MHz	Pass	2.43824G	11.98	-18.02	2.11302G	-53.69	2.3964G	-52.51	2.4G	-54.11	2.50014G	-51.73	16.85508G	-42.68	1

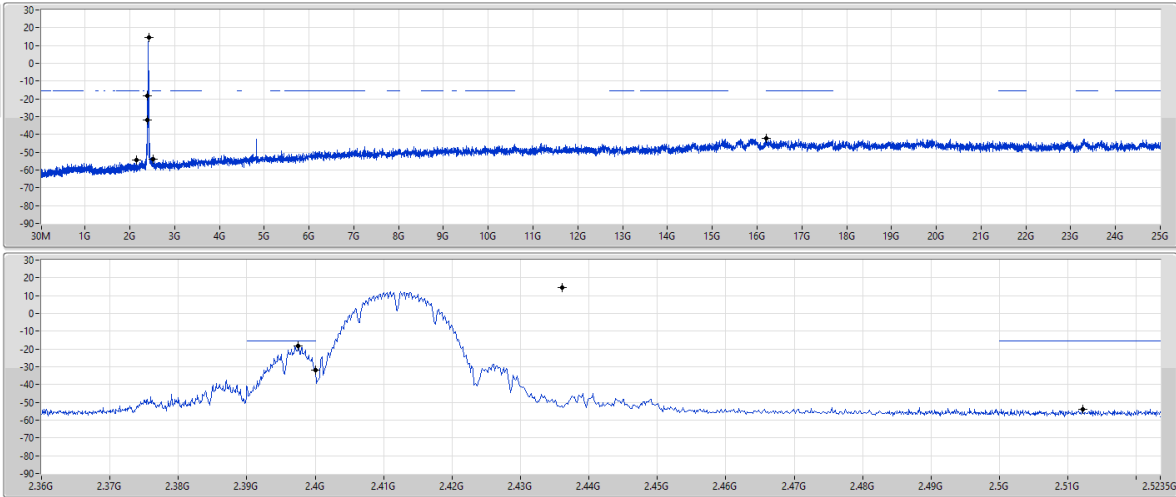
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

20/03/2026

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
2.43607G	14.36	-15.64	2.14681G	-54.41	2.39752G	-18.18	2.4G	-32.07	2.51214G	-53.85	16.20045G	-42.30	1

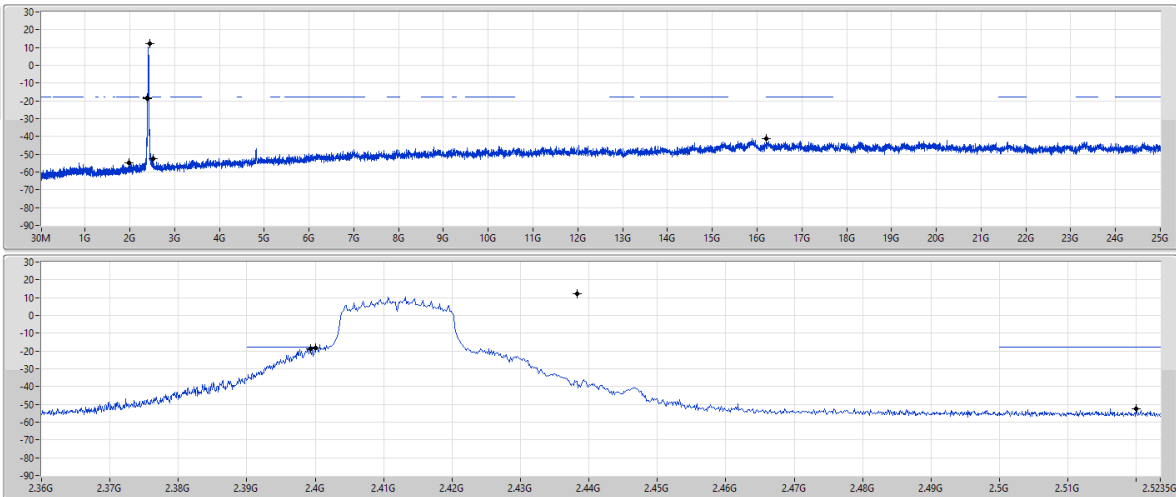
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

02/04/2026

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
2.43824G	12.04	-17.96	1.97905G	-54.63	2.39928G	-18.69	2.4G	-18.20	2.51998G	-52.58	16.20607G	-41.10	1

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

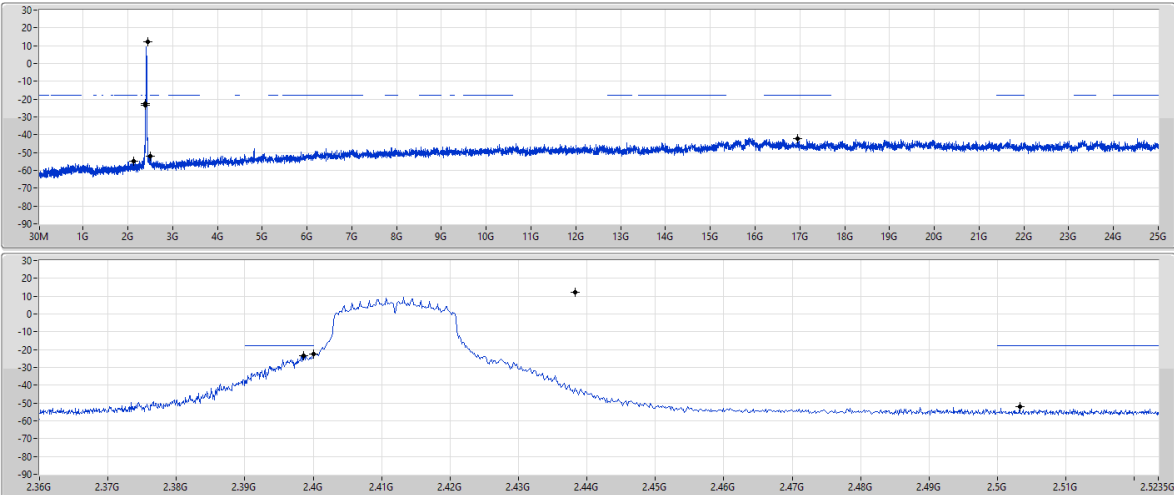
CSEndB

2412MHz

02/04/2026

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	11.98	-18.02	2.13982G	-54.68	2.39856G	-23.47	2.4G	-22.28	2.50326G	-52.11	16.95622G	-42.17	1



Summary

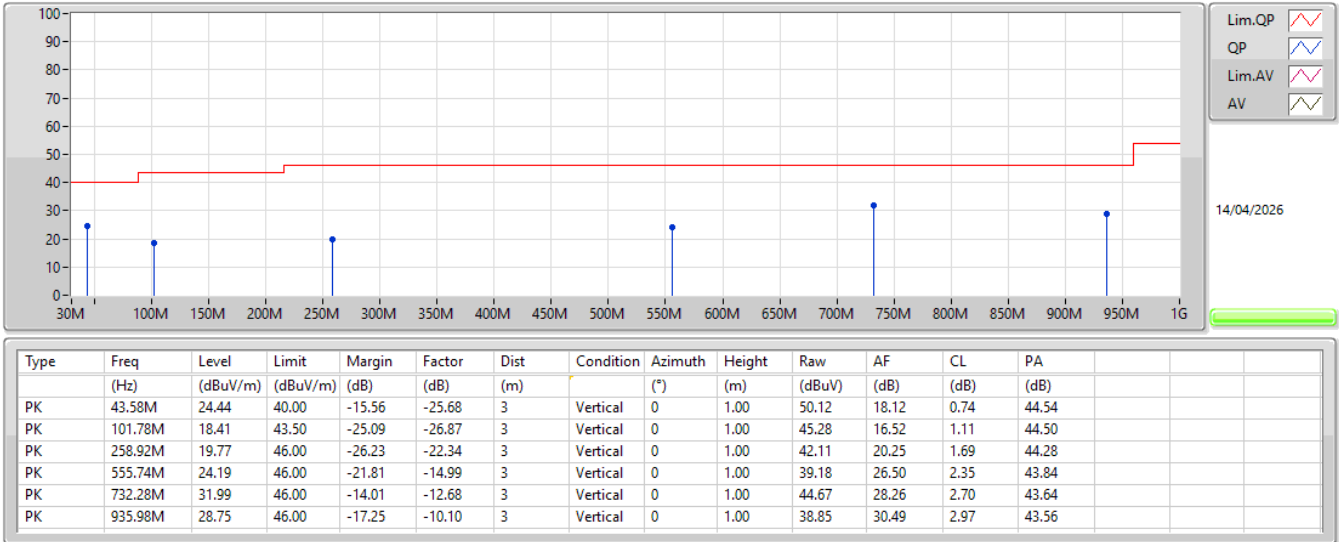
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	745.86M	37.37	46.00	-8.63	3	Horizontal	360	1.00

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	-	-	-	-	-	-	-	-	-	-
2437MHz_Battery	Pass	PK	43.58M	24.44	40.00	-15.56	3	Vertical	0	1.00
2437MHz_Battery	Pass	PK	101.78M	18.41	43.50	-25.09	3	Vertical	0	1.00
2437MHz_Battery	Pass	PK	258.92M	19.77	46.00	-26.23	3	Vertical	0	1.00
2437MHz_Battery	Pass	PK	555.74M	24.19	46.00	-21.81	3	Vertical	0	1.00
2437MHz_Battery	Pass	PK	732.28M	31.99	46.00	-14.01	3	Vertical	0	1.00
2437MHz_Battery	Pass	PK	935.98M	28.75	46.00	-17.25	3	Vertical	0	1.00
2437MHz_Battery	Pass	PK	123.12M	16.20	43.50	-27.30	3	Horizontal	360	1.00
2437MHz_Battery	Pass	PK	291.9M	21.65	46.00	-24.35	3	Horizontal	360	1.00
2437MHz_Battery	Pass	PK	472.32M	24.50	46.00	-21.50	3	Horizontal	360	1.00
2437MHz_Battery	Pass	PK	567.38M	26.19	46.00	-19.81	3	Horizontal	360	1.00
2437MHz_Battery	Pass	PK	745.86M	37.37	46.00	-8.63	3	Horizontal	360	1.00
2437MHz_Battery	Pass	PK	897.18M	30.33	46.00	-15.67	3	Horizontal	360	1.00

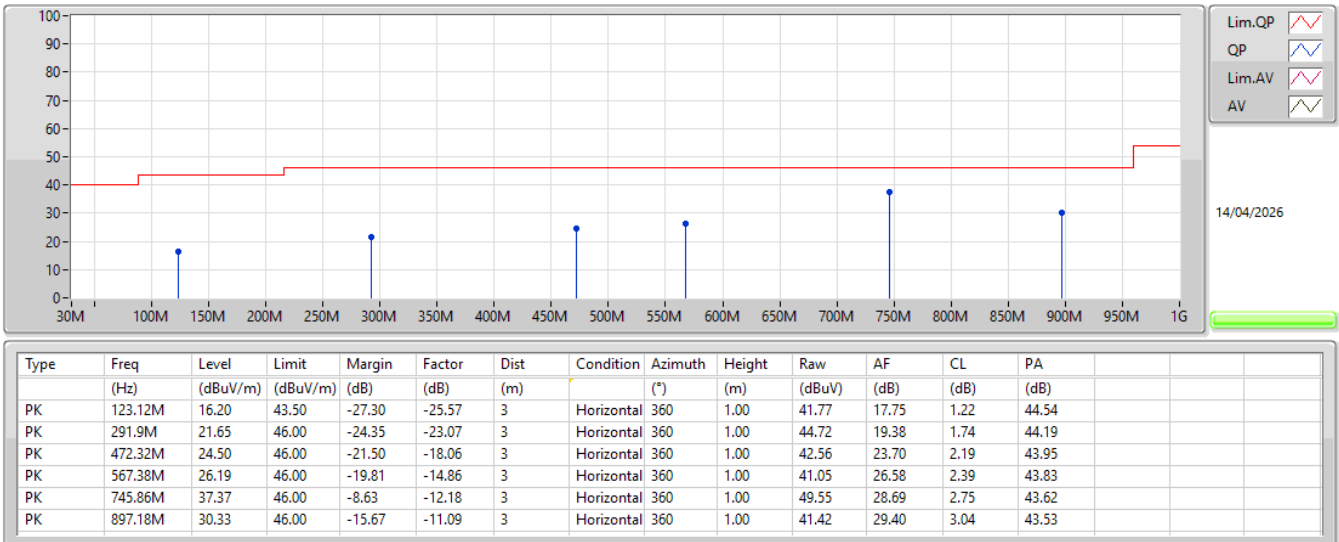
2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_Battery



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

2437MHz_Battery



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.39G	53.86	54.00	-0.14	3	Horizontal	244	1.00
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	53.61	54.00	-0.39	3	Horizontal	244	1.00
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	53.75	54.00	-0.25	3	Horizontal	244	1.00

Result

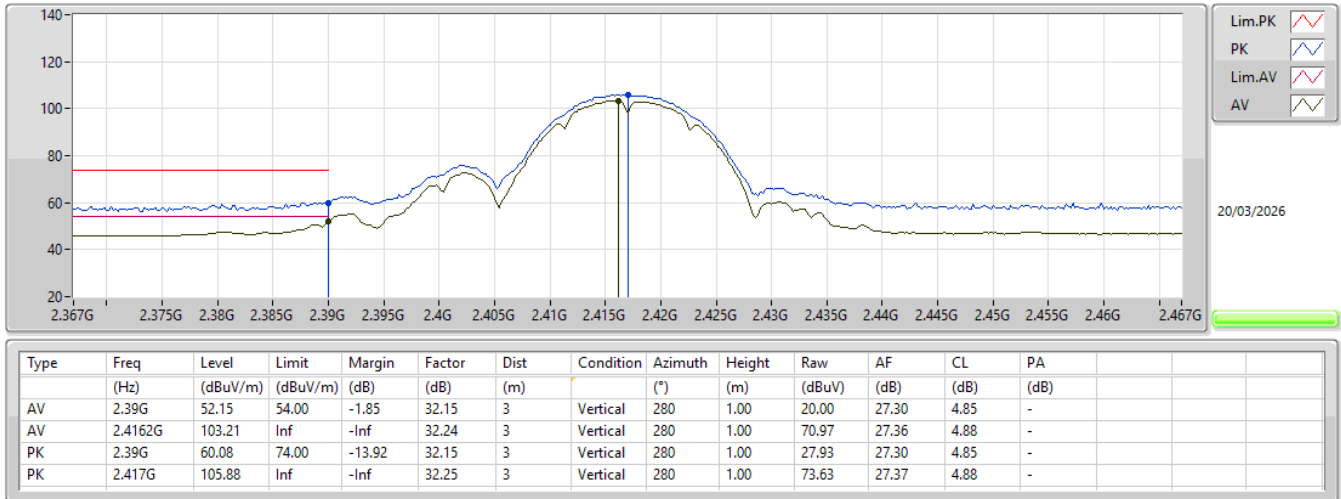
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.3872G	49.57	54.00	-4.43	3	Vertical	274	1.00
2412MHz_TX	Pass	AV	2.4128G	102.15	Inf	-Inf	3	Vertical	274	1.00
2412MHz_TX	Pass	PK	2.3874G	59.77	74.00	-14.23	3	Vertical	274	1.00
2412MHz_TX	Pass	PK	2.412G	105.04	Inf	-Inf	3	Vertical	274	1.00
2412MHz_TX	Pass	AV	2.3872G	53.12	54.00	-0.88	3	Horizontal	242	1.00
2412MHz_TX	Pass	AV	2.4112G	105.20	Inf	-Inf	3	Horizontal	242	1.00
2412MHz_TX	Pass	PK	2.39G	61.24	74.00	-12.76	3	Horizontal	242	1.00
2412MHz_TX	Pass	PK	2.412G	108.09	Inf	-Inf	3	Horizontal	242	1.00
2412MHz_TX	Pass	AV	4.824G	43.38	54.00	-10.62	3	Vertical	171	1.50
2412MHz_TX	Pass	PK	4.82408G	48.51	74.00	-25.49	3	Vertical	171	1.50
2412MHz_TX	Pass	AV	4.824G	44.66	54.00	-9.34	3	Horizontal	295	1.00
2412MHz_TX	Pass	PK	4.82404G	49.46	74.00	-24.54	3	Horizontal	295	1.00
2417MHz_TX	Pass	AV	2.39G	52.15	54.00	-1.85	3	Vertical	280	1.00
2417MHz_TX	Pass	AV	2.4162G	103.21	Inf	-Inf	3	Vertical	280	1.00
2417MHz_TX	Pass	PK	2.39G	60.08	74.00	-13.92	3	Vertical	280	1.00
2417MHz_TX	Pass	PK	2.417G	105.88	Inf	-Inf	3	Vertical	280	1.00
2417MHz_TX	Pass	AV	2.39G	53.86	54.00	-0.14	3	Horizontal	244	1.00
2417MHz_TX	Pass	AV	2.4162G	105.08	Inf	-Inf	3	Horizontal	244	1.00
2417MHz_TX	Pass	PK	2.39G	61.49	74.00	-12.51	3	Horizontal	244	1.00
2417MHz_TX	Pass	PK	2.417G	107.91	Inf	-Inf	3	Horizontal	244	1.00
2437MHz_TX	Pass	AV	2.3894G	47.93	54.00	-6.07	3	Vertical	267	1.00
2437MHz_TX	Pass	AV	2.4354G	102.10	Inf	-Inf	3	Vertical	267	1.00
2437MHz_TX	Pass	AV	2.485G	47.86	54.00	-6.14	3	Vertical	267	1.00
2437MHz_TX	Pass	PK	2.3898G	59.02	74.00	-14.98	3	Vertical	267	1.00
2437MHz_TX	Pass	PK	2.4354G	104.56	Inf	-Inf	3	Vertical	267	1.00
2437MHz_TX	Pass	PK	2.4842G	59.55	74.00	-14.45	3	Vertical	267	1.00
2437MHz_TX	Pass	AV	2.389G	49.16	54.00	-4.84	3	Horizontal	218	2.06
2437MHz_TX	Pass	AV	2.4362G	105.83	Inf	-Inf	3	Horizontal	218	2.06
2437MHz_TX	Pass	AV	2.485G	48.73	54.00	-5.27	3	Horizontal	218	2.06
2437MHz_TX	Pass	PK	2.3894G	59.50	74.00	-14.50	3	Horizontal	218	2.06
2437MHz_TX	Pass	PK	2.437G	108.35	Inf	-Inf	3	Horizontal	218	2.06
2437MHz_TX	Pass	PK	2.4934G	59.92	74.00	-14.08	3	Horizontal	218	2.06
2437MHz_TX	Pass	AV	4.874G	45.98	54.00	-8.02	3	Vertical	162	1.00
2437MHz_TX	Pass	PK	4.874G	49.73	74.00	-24.27	3	Vertical	162	1.00
2437MHz_TX	Pass	AV	4.874G	45.33	54.00	-8.67	3	Horizontal	230	1.00
2437MHz_TX	Pass	PK	4.87392G	49.44	74.00	-24.56	3	Horizontal	230	1.00
2457MHz_TX	Pass	AV	2.4562G	101.54	Inf	-Inf	3	Vertical	275	1.23
2457MHz_TX	Pass	AV	2.4835G	52.30	54.00	-1.70	3	Vertical	275	1.23
2457MHz_TX	Pass	PK	2.4568G	104.16	Inf	-Inf	3	Vertical	275	1.23
2457MHz_TX	Pass	PK	2.4835G	60.89	74.00	-13.11	3	Vertical	275	1.23
2457MHz_TX	Pass	AV	2.4562G	102.66	Inf	-Inf	3	Horizontal	216	2.13
2457MHz_TX	Pass	AV	2.4835G	52.24	54.00	-1.76	3	Horizontal	216	2.13
2457MHz_TX	Pass	PK	2.457G	105.33	Inf	-Inf	3	Horizontal	216	2.13
2457MHz_TX	Pass	PK	2.4835G	61.07	74.00	-12.93	3	Horizontal	216	2.13
2462MHz_TX	Pass	AV	2.4612G	99.62	Inf	-Inf	3	Vertical	274	2.28
2462MHz_TX	Pass	AV	2.4835G	51.14	54.00	-2.86	3	Vertical	274	2.28
2462MHz_TX	Pass	PK	2.4616G	102.22	Inf	-Inf	3	Vertical	274	2.28
2462MHz_TX	Pass	PK	2.4862G	61.47	74.00	-12.53	3	Vertical	274	2.28
2462MHz_TX	Pass	AV	2.4612G	103.17	Inf	-Inf	3	Horizontal	218	1.00
2462MHz_TX	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Horizontal	218	1.00
2462MHz_TX	Pass	PK	2.462G	105.88	Inf	-Inf	3	Horizontal	218	1.00
2462MHz_TX	Pass	PK	2.4836G	62.23	74.00	-11.77	3	Horizontal	218	1.00
2462MHz_TX	Pass	AV	4.924G	44.26	54.00	-9.74	3	Vertical	155	1.50
2462MHz_TX	Pass	PK	4.92406G	48.71	74.00	-25.29	3	Vertical	155	1.50
2462MHz_TX	Pass	AV	4.924G	44.41	54.00	-9.59	3	Horizontal	60	1.00
2462MHz_TX	Pass	PK	4.92406G	48.71	74.00	-25.29	3	Horizontal	60	1.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	51.23	54.00	-2.77	3	Vertical	279	1.00
2412MHz_TX	Pass	AV	2.4128G	99.30	Inf	-Inf	3	Vertical	279	1.00
2412MHz_TX	Pass	PK	2.389G	66.20	74.00	-7.80	3	Vertical	279	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz_TX	Pass	PK	2.4134G	108.06	Inf	-Inf	3	Vertical	279	1.00
2412MHz_TX	Pass	AV	2.39G	53.27	54.00	-0.73	3	Horizontal	242	1.00
2412MHz_TX	Pass	AV	2.4128G	101.53	Inf	-Inf	3	Horizontal	242	1.00
2412MHz_TX	Pass	PK	2.39G	68.60	74.00	-5.40	3	Horizontal	242	1.00
2412MHz_TX	Pass	PK	2.4134G	110.43	Inf	-Inf	3	Horizontal	242	1.00
2412MHz_TX	Pass	AV	4.82244G	32.97	54.00	-21.03	3	Vertical	22	1.00
2412MHz_TX	Pass	PK	4.8261G	46.97	74.00	-27.03	3	Vertical	22	1.00
2412MHz_TX	Pass	AV	4.82256G	33.95	54.00	-20.05	3	Horizontal	290	1.00
2412MHz_TX	Pass	PK	4.81704G	48.17	74.00	-25.83	3	Horizontal	290	1.00
2417MHz_TX	Pass	AV	2.39G	50.51	54.00	-3.49	3	Vertical	275	1.00
2417MHz_TX	Pass	AV	2.4162G	102.24	Inf	-Inf	3	Vertical	275	1.00
2417MHz_TX	Pass	PK	2.3896G	67.59	74.00	-6.41	3	Vertical	275	1.00
2417MHz_TX	Pass	PK	2.4184G	111.04	Inf	-Inf	3	Vertical	275	1.00
2417MHz_TX	Pass	AV	2.39G	53.07	54.00	-0.93	3	Horizontal	247	1.00
2417MHz_TX	Pass	AV	2.4162G	105.18	Inf	-Inf	3	Horizontal	247	1.00
2417MHz_TX	Pass	PK	2.3898G	71.31	74.00	-2.69	3	Horizontal	247	1.00
2417MHz_TX	Pass	PK	2.4184G	113.98	Inf	-Inf	3	Horizontal	247	1.00
2437MHz_TX	Pass	AV	2.3898G	46.92	54.00	-7.08	3	Vertical	275	1.00
2437MHz_TX	Pass	AV	2.4362G	100.04	Inf	-Inf	3	Vertical	275	1.00
2437MHz_TX	Pass	AV	2.4842G	47.37	54.00	-6.63	3	Vertical	275	1.00
2437MHz_TX	Pass	PK	2.3874G	60.10	74.00	-13.90	3	Vertical	275	1.00
2437MHz_TX	Pass	PK	2.4386G	108.99	Inf	-Inf	3	Vertical	275	1.00
2437MHz_TX	Pass	PK	2.4842G	60.47	74.00	-13.53	3	Vertical	275	1.00
2437MHz_TX	Pass	AV	2.3898G	47.82	54.00	-6.18	3	Horizontal	228	1.00
2437MHz_TX	Pass	AV	2.4362G	103.41	Inf	-Inf	3	Horizontal	228	1.00
2437MHz_TX	Pass	AV	2.4835G	47.81	54.00	-6.19	3	Horizontal	228	1.00
2437MHz_TX	Pass	PK	2.3898G	62.58	74.00	-11.42	3	Horizontal	228	1.00
2437MHz_TX	Pass	PK	2.4382G	111.96	Inf	-Inf	3	Horizontal	228	1.00
2437MHz_TX	Pass	PK	2.4838G	61.83	74.00	-12.17	3	Horizontal	228	1.00
2437MHz_TX	Pass	AV	4.87262G	36.06	54.00	-17.94	3	Vertical	252	1.03
2437MHz_TX	Pass	PK	4.8734G	50.38	74.00	-23.62	3	Vertical	252	1.03
2437MHz_TX	Pass	AV	4.87274G	36.35	54.00	-17.65	3	Horizontal	290	1.00
2437MHz_TX	Pass	PK	4.87316G	50.61	74.00	-23.39	3	Horizontal	290	1.00
2457MHz_TX	Pass	AV	2.4562G	100.22	Inf	-Inf	3	Vertical	280	2.13
2457MHz_TX	Pass	AV	2.4835G	52.31	54.00	-1.69	3	Vertical	280	2.13
2457MHz_TX	Pass	PK	2.4584G	108.72	Inf	-Inf	3	Vertical	280	2.13
2457MHz_TX	Pass	PK	2.4858G	70.34	74.00	-3.66	3	Vertical	280	2.13
2457MHz_TX	Pass	AV	2.4562G	101.53	Inf	-Inf	3	Horizontal	244	1.00
2457MHz_TX	Pass	AV	2.4835G	53.61	54.00	-0.39	3	Horizontal	244	1.00
2457MHz_TX	Pass	PK	2.4584G	110.12	Inf	-Inf	3	Horizontal	244	1.00
2457MHz_TX	Pass	PK	2.4858G	71.72	74.00	-2.28	3	Horizontal	244	1.00
2462MHz_TX	Pass	AV	2.4608G	96.26	Inf	-Inf	3	Vertical	274	2.28
2462MHz_TX	Pass	AV	2.4835G	50.27	54.00	-3.73	3	Vertical	274	2.28
2462MHz_TX	Pass	PK	2.4634G	104.63	Inf	-Inf	3	Vertical	274	2.28
2462MHz_TX	Pass	PK	2.485G	68.61	74.00	-5.39	3	Vertical	274	2.28
2462MHz_TX	Pass	AV	2.4612G	98.51	Inf	-Inf	3	Horizontal	228	1.00
2462MHz_TX	Pass	AV	2.4835G	52.94	54.00	-1.06	3	Horizontal	228	1.00
2462MHz_TX	Pass	PK	2.4634G	107.16	Inf	-Inf	3	Horizontal	228	1.00
2462MHz_TX	Pass	PK	2.4852G	72.77	74.00	-1.23	3	Horizontal	228	1.00
2462MHz_TX	Pass	AV	4.92262G	33.95	54.00	-20.05	3	Vertical	256	1.00
2462MHz_TX	Pass	PK	4.9231G	47.43	74.00	-26.57	3	Vertical	256	1.00
2462MHz_TX	Pass	AV	4.92568G	35.26	54.00	-18.74	3	Horizontal	283	1.01
2462MHz_TX	Pass	PK	4.92532G	48.99	74.00	-25.01	3	Horizontal	283	1.01
802.11n HT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	50.95	54.00	-3.05	3	Vertical	272	1.01
2412MHz_TX	Pass	AV	2.4128G	98.94	Inf	-Inf	3	Vertical	272	1.01
2412MHz_TX	Pass	PK	2.3894G	68.00	74.00	-6.00	3	Vertical	272	1.01
2412MHz_TX	Pass	PK	2.4132G	107.05	Inf	-Inf	3	Vertical	272	1.01
2412MHz_TX	Pass	AV	2.39G	53.62	54.00	-0.38	3	Horizontal	244	1.01
2412MHz_TX	Pass	AV	2.4128G	102.13	Inf	-Inf	3	Horizontal	244	1.01
2412MHz_TX	Pass	PK	2.3898G	71.25	74.00	-2.75	3	Horizontal	244	1.01
2412MHz_TX	Pass	PK	2.4132G	110.24	Inf	-Inf	3	Horizontal	244	1.01

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz_TX	Pass	AV	4.8231G	31.36	54.00	-22.64	3	Vertical	163	1.50
2412MHz_TX	Pass	PK	4.8234G	44.13	74.00	-29.87	3	Vertical	163	1.50
2412MHz_TX	Pass	AV	4.82298G	33.62	54.00	-20.38	3	Horizontal	284	1.00
2412MHz_TX	Pass	PK	4.82328G	46.60	74.00	-27.40	3	Horizontal	284	1.00
2417MHz_TX	Pass	AV	2.39G	49.76	54.00	-4.24	3	Vertical	270	1.00
2417MHz_TX	Pass	AV	2.4178G	100.60	Inf	-Inf	3	Vertical	270	1.00
2417MHz_TX	Pass	PK	2.3892G	68.09	74.00	-5.91	3	Vertical	270	1.00
2417MHz_TX	Pass	PK	2.4182G	108.70	Inf	-Inf	3	Vertical	270	1.00
2417MHz_TX	Pass	AV	2.39G	52.81	54.00	-1.19	3	Horizontal	246	1.00
2417MHz_TX	Pass	AV	2.4162G	104.37	Inf	-Inf	3	Horizontal	246	1.00
2417MHz_TX	Pass	PK	2.3892G	72.63	74.00	-1.37	3	Horizontal	246	1.00
2417MHz_TX	Pass	PK	2.4152G	112.30	Inf	-Inf	3	Horizontal	246	1.00
2437MHz_TX	Pass	AV	2.3898G	48.71	54.00	-5.29	3	Vertical	270	1.71
2437MHz_TX	Pass	AV	2.4362G	103.00	Inf	-Inf	3	Vertical	270	1.71
2437MHz_TX	Pass	AV	2.4838G	48.51	54.00	-5.49	3	Vertical	270	1.71
2437MHz_TX	Pass	PK	2.3858G	63.30	74.00	-10.70	3	Vertical	270	1.71
2437MHz_TX	Pass	PK	2.4358G	111.25	Inf	-Inf	3	Vertical	270	1.71
2437MHz_TX	Pass	PK	2.4835G	63.03	74.00	-10.97	3	Vertical	270	1.71
2437MHz_TX	Pass	AV	2.3898G	48.38	54.00	-5.62	3	Horizontal	245	1.00
2437MHz_TX	Pass	AV	2.4362G	104.29	Inf	-Inf	3	Horizontal	245	1.00
2437MHz_TX	Pass	AV	2.4835G	47.87	54.00	-6.13	3	Horizontal	245	1.00
2437MHz_TX	Pass	PK	2.3862G	63.36	74.00	-10.64	3	Horizontal	245	1.00
2437MHz_TX	Pass	PK	2.4358G	112.53	Inf	-Inf	3	Horizontal	245	1.00
2437MHz_TX	Pass	PK	2.4854G	60.21	74.00	-13.79	3	Horizontal	245	1.00
2437MHz_TX	Pass	AV	4.87304G	35.70	54.00	-18.30	3	Vertical	254	1.00
2437MHz_TX	Pass	PK	4.8749G	48.32	74.00	-25.68	3	Vertical	254	1.00
2437MHz_TX	Pass	AV	4.87292G	37.42	54.00	-16.58	3	Horizontal	282	1.01
2437MHz_TX	Pass	PK	4.8695G	49.95	74.00	-24.05	3	Horizontal	282	1.01
2457MHz_TX	Pass	AV	2.4562G	98.97	Inf	-Inf	3	Vertical	278	1.24
2457MHz_TX	Pass	AV	2.4835G	51.10	54.00	-2.90	3	Vertical	278	1.24
2457MHz_TX	Pass	PK	2.4582G	106.99	Inf	-Inf	3	Vertical	278	1.24
2457MHz_TX	Pass	PK	2.4848G	68.22	74.00	-5.78	3	Vertical	278	1.24
2457MHz_TX	Pass	AV	2.4562G	102.22	Inf	-Inf	3	Horizontal	244	1.00
2457MHz_TX	Pass	AV	2.4835G	53.75	54.00	-0.25	3	Horizontal	244	1.00
2457MHz_TX	Pass	PK	2.4582G	110.33	Inf	-Inf	3	Horizontal	244	1.00
2457MHz_TX	Pass	PK	2.4846G	71.49	74.00	-2.51	3	Horizontal	244	1.00
2462MHz_TX	Pass	AV	2.4612G	97.83	Inf	-Inf	3	Vertical	276	1.25
2462MHz_TX	Pass	AV	2.4835G	51.86	54.00	-2.14	3	Vertical	276	1.25
2462MHz_TX	Pass	PK	2.4602G	105.71	Inf	-Inf	3	Vertical	276	1.25
2462MHz_TX	Pass	PK	2.484G	67.94	74.00	-6.06	3	Vertical	276	1.25
2462MHz_TX	Pass	AV	2.4612G	100.54	Inf	-Inf	3	Horizontal	243	1.05
2462MHz_TX	Pass	AV	2.4835G	53.70	54.00	-0.30	3	Horizontal	243	1.05
2462MHz_TX	Pass	PK	2.4602G	108.51	Inf	-Inf	3	Horizontal	243	1.05
2462MHz_TX	Pass	PK	2.4835G	70.64	74.00	-3.36	3	Horizontal	243	1.05
2462MHz_TX	Pass	AV	4.92328G	33.19	54.00	-20.81	3	Vertical	257	1.01
2462MHz_TX	Pass	PK	4.92526G	46.83	74.00	-27.17	3	Vertical	257	1.01
2462MHz_TX	Pass	AV	4.92316G	34.59	54.00	-19.41	3	Horizontal	283	1.01
2462MHz_TX	Pass	PK	4.92412G	47.87	74.00	-26.13	3	Horizontal	283	1.01

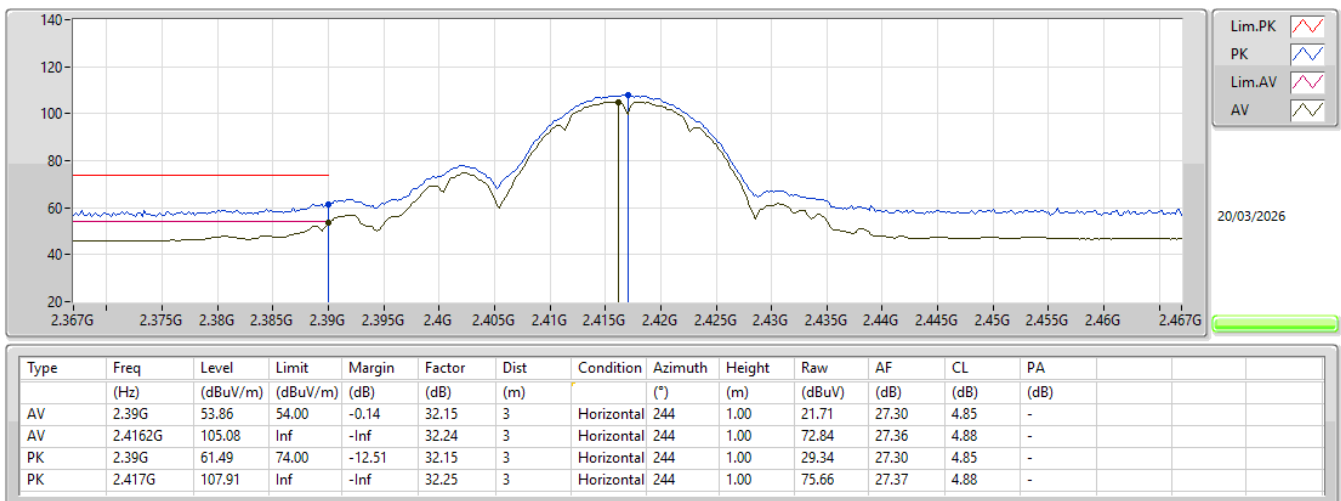
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX



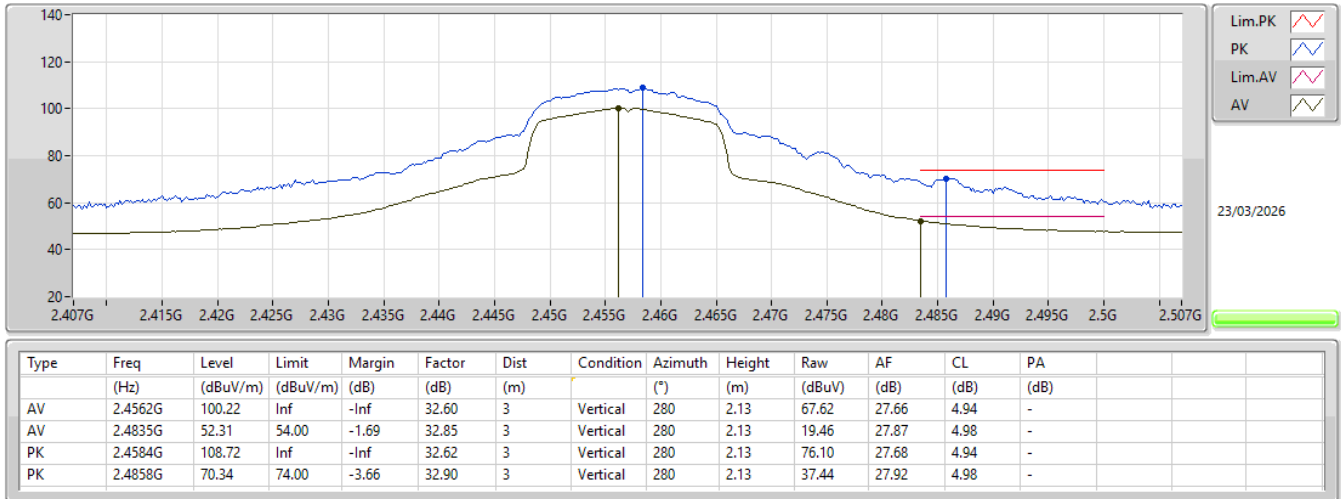
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2417MHz_TX



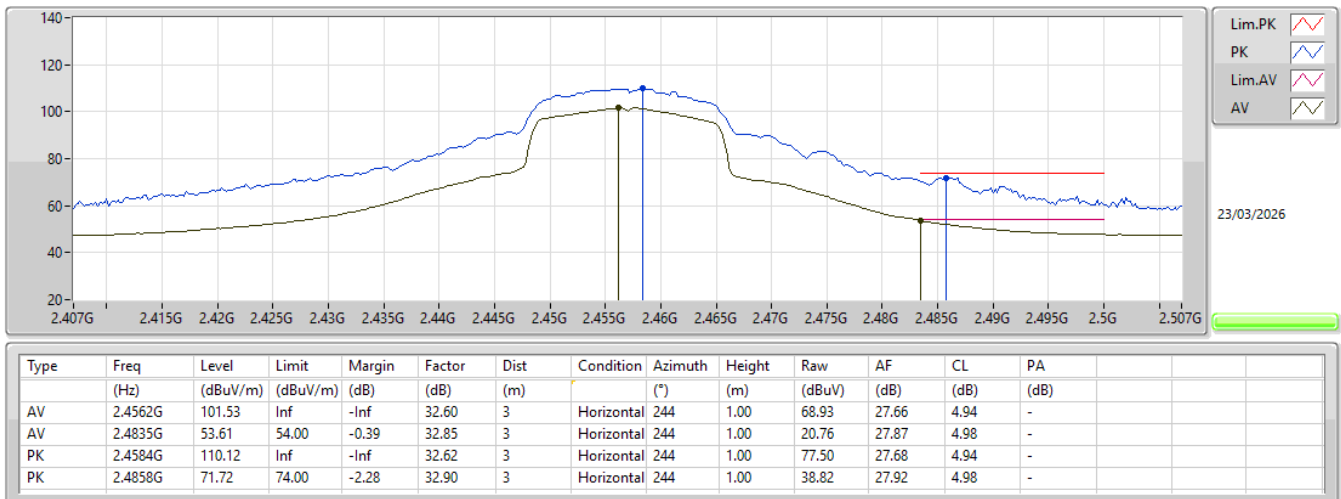
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX



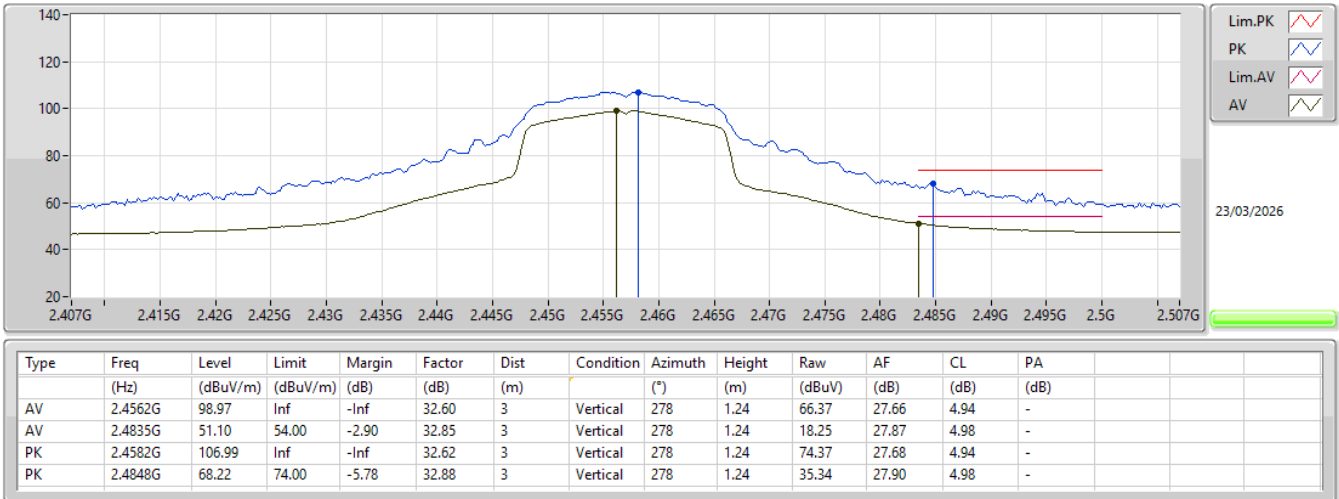
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX



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

2457MHz_TX



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

2457MHz_TX

