

FCC Radio Test Report

FCC ID : YL6-143V716
Equipment : Alarm.com Outdoor 1080p Wi-Fi Video Camera
Brand Name : ALARM.COM
Model Name : ADC-V716
Applicant : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100, Tysons, VA
22102, United States
Manufacturer : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100, Tysons, VA
22102, United States
Standard : 47 CFR FCC Part 15.247

The product was received on Jun. 05, 2026, and testing was started from Jun. 05, 2026 and completed on Jul. 14, 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.)



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	7
1.3 Testing Location Information	7
1.4 Measurement Uncertainty	7
2 TEST CONFIGURATION OF EUT.....	8
2.1 Test Channel Mode	8
2.2 The Worst Case Measurement Configuration.....	9
2.3 Accessories	10
2.4 Support Equipment.....	10
2.5 Test Setup Diagram	11
3 TRANSMITTER TEST RESULT	12
3.1 AC Power-line Conducted Emissions	12
3.2 DTS Bandwidth.....	14
3.3 Maximum Conducted Output Power	15
3.4 Power Spectral Density	17
3.5 Emissions in Non-restricted Frequency Bands	18
3.6 Emissions in Restricted Frequency Bands.....	19
4 TEST EQUIPMENT AND CALIBRATION DATA.....	23
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX G. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX H. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

Report No.	Version	Description	Issued Date
FR660507AC	01	Initial issue of report	Aug. 11, 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), VHT20	2412-2462	1-11 [11]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	VHT20	20	2TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated VHT20 mode only due to the similar modulation. The power setting of HT20 mode are the same or lower than VHT20.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support	Source
1	1	INPAQ	WA-F-LB-02-399	dipole	I-Pex	2.4G+5G	1
2	2	INPAQ	WA-F-LB-01-138	dipole	I-Pex	2.4G+5G+BT	
3	1	INPAQ	WA-F-LORA-05-001	monopole	I-Pex	Lora	

Ant.	Port	Gain (dBi)						
		2.4G	5G				BT	Lora
			UNII-1	UNII-2A	UNII-2C	UNII-3		
1	1	3.78	3.82	3.81	3.39	3.52	-	-
2	2	3.89	3.65	3.85	3.69	3.74	3.89	-
3	1	-	-	-	-	-	-	1.69

Note 1: The EUT has three antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

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

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

For Lora function:

For Lora mode (1TX/1RX)

Ant. 3 (port 1) could transmit/receive.

Note 2: Directional gain information

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

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	1	0	50.002m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	1	0	50.002m	10Hz (DC>=0.98)
VHT20_Nss2,(MCS0)_2TX	1	0	50.002m	10Hz (DC>=0.98)

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego Lin	20.6~23.5°C / 53~58%	14/Jul/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	Peng Huang	23.6~24.2°C / 53~58%	25/Jun/2026~02/Jul/2026
Radiated	03CH25-HY	Andy Wang	22.6~23.6°C / 52~57%	05/Jun/2026~30/Jun/2026
Radiated (Co-location)	03CH25-HY	Rian Chung	21.6~24.3°C / 54~58%	09/Jul/2026~10/Jul/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	PutTY Release 0.72
Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	Default Setting
2437MHz	Default Setting
2462MHz	Default Setting
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	Default Setting
2417MHz	Default Setting
2437MHz	Default Setting
2457MHz	Default Setting
2462MHz	Default Setting
VHT20_Nss2,(MCS0)_2TX	-
2412MHz	Default Setting
2417MHz	Default Setting
2437MHz	Default Setting
2457MHz	Default Setting
2462MHz	Default Setting

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V		

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz + LORA
2	WLAN 5GHz + LORA
Refer to Sporton Test Report No.: FA660507 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Adapter	Brand Name	PYS High-Tech Co., LTD	Model Name	PYS-12UP120100U
	Manufacturer	PYS High-Tech Co., LTD	SN	-
	Power Rating	I/P: 100-240Vac, 0.5 A, O/P: 12Vdc, 1 A		
	Power Cord	3 meter, non-shielded cable, w/o ferrite core		

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

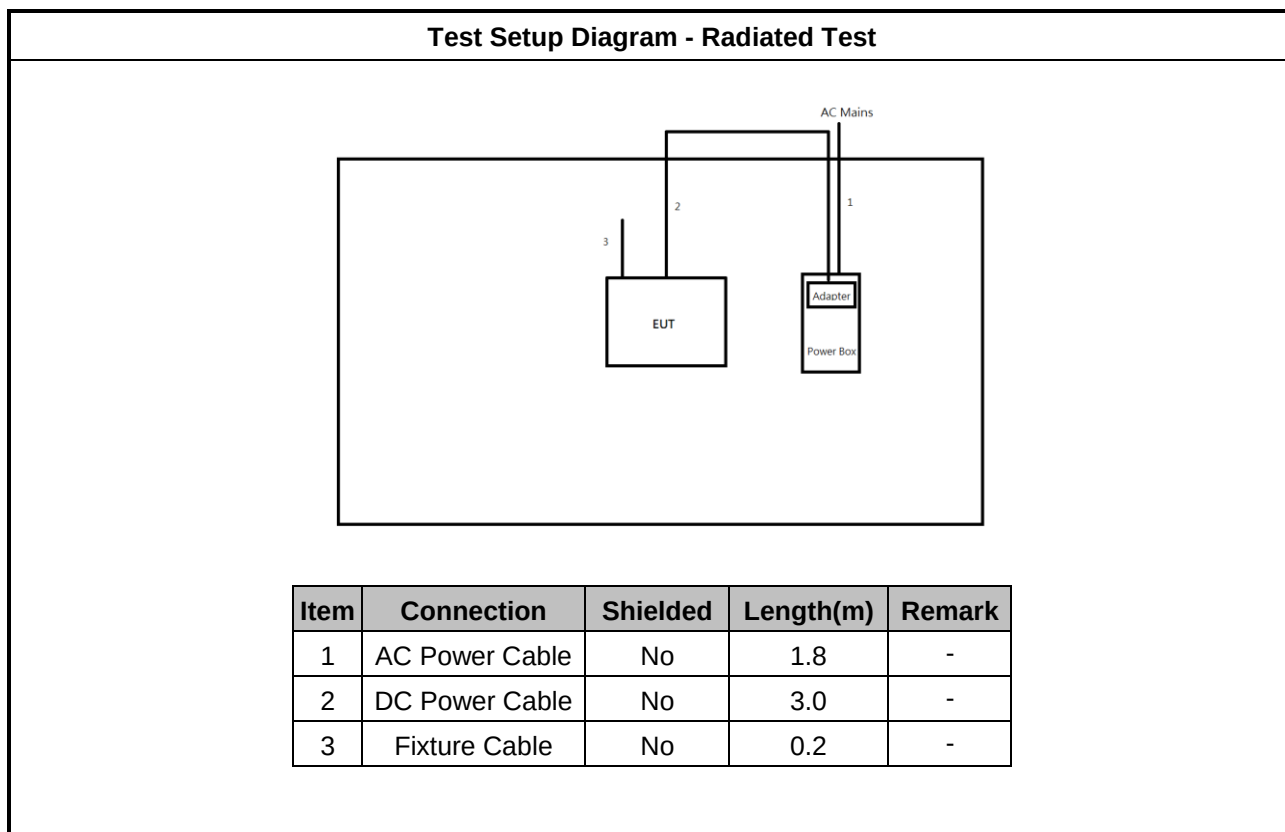
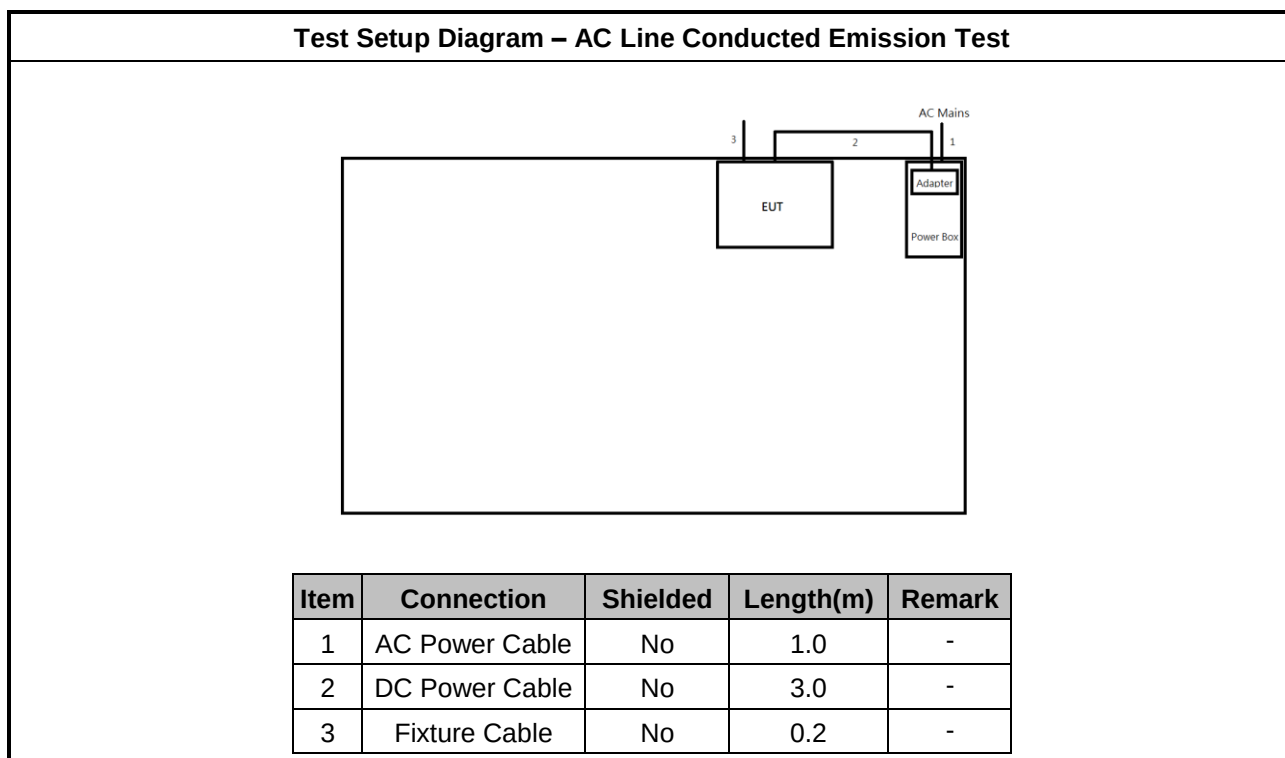
2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture Cable	-	-	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Fixture Cable	-	-	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture Cable	-	-	-	Provided by Customer

2.5 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

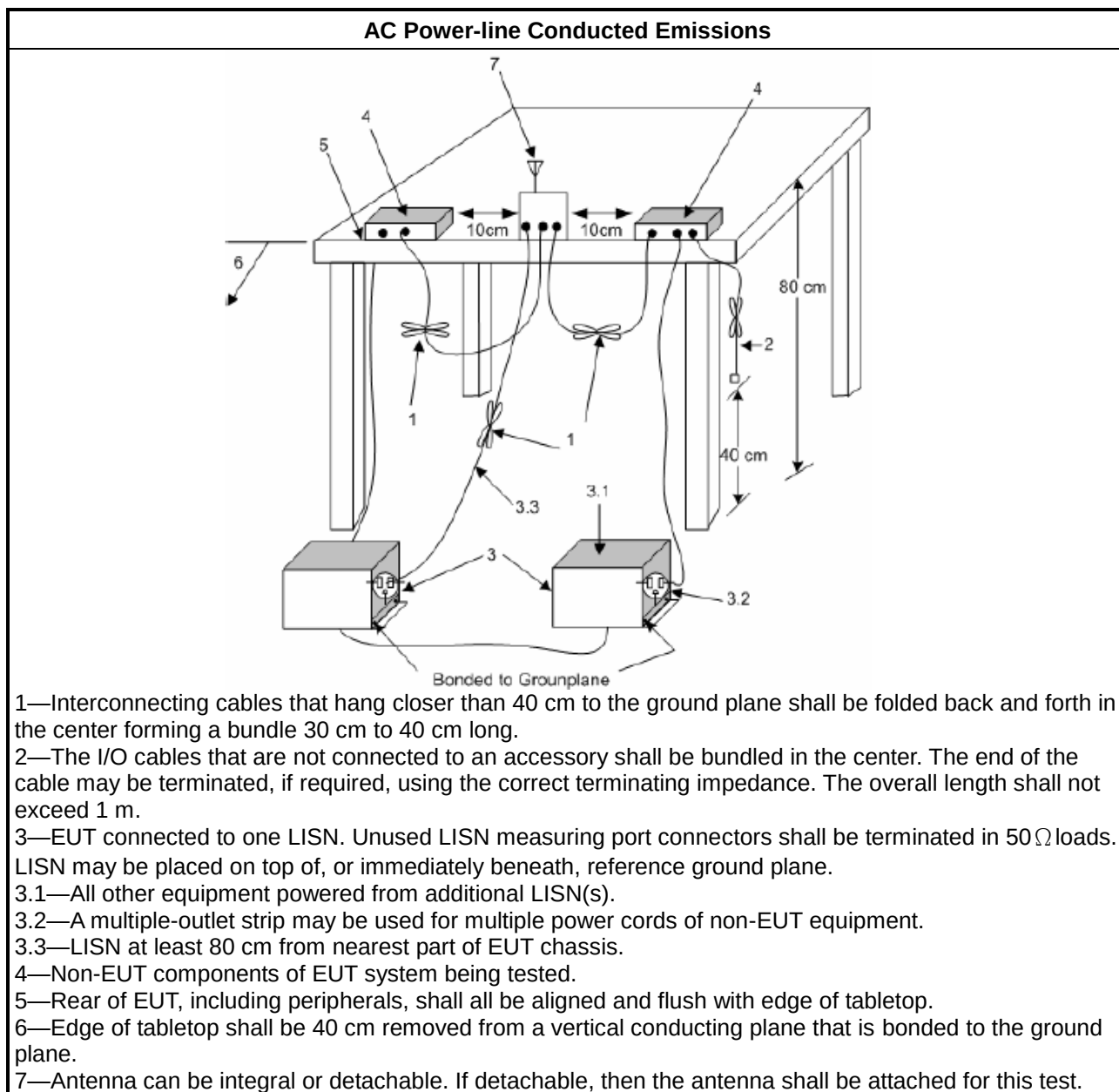
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

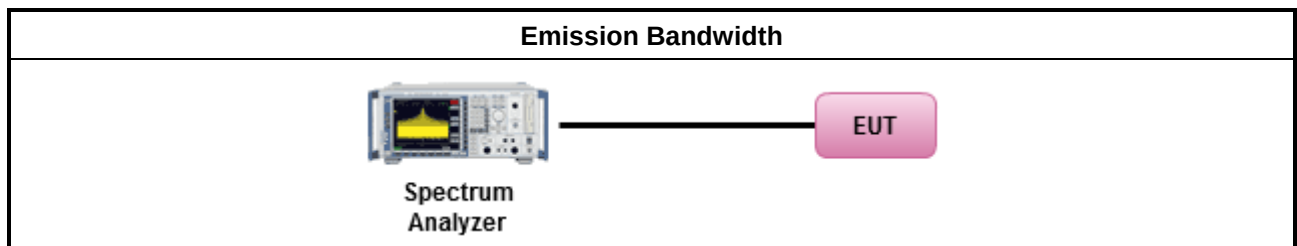
3.2.2 Measuring Instruments

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.	

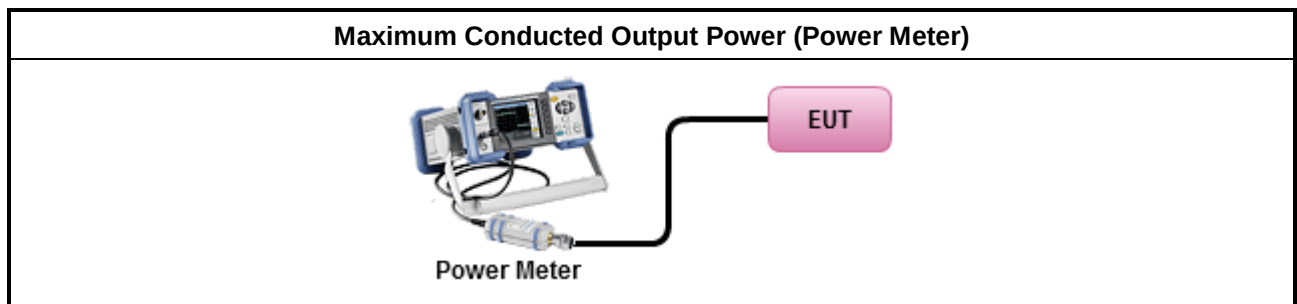
3.3.2 Measuring Instruments

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

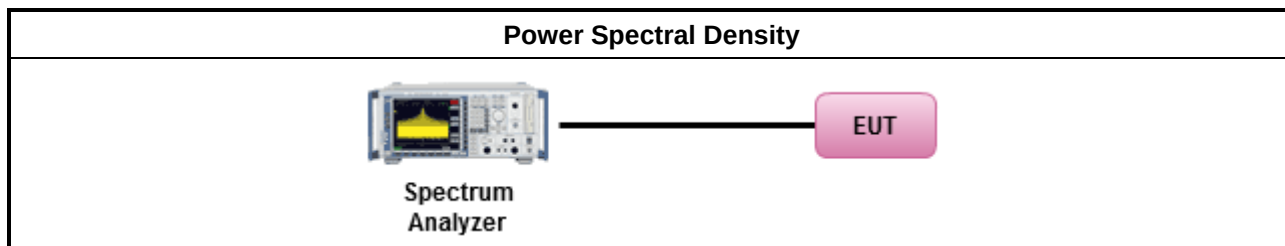
3.4.2 Measuring Instruments

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.	

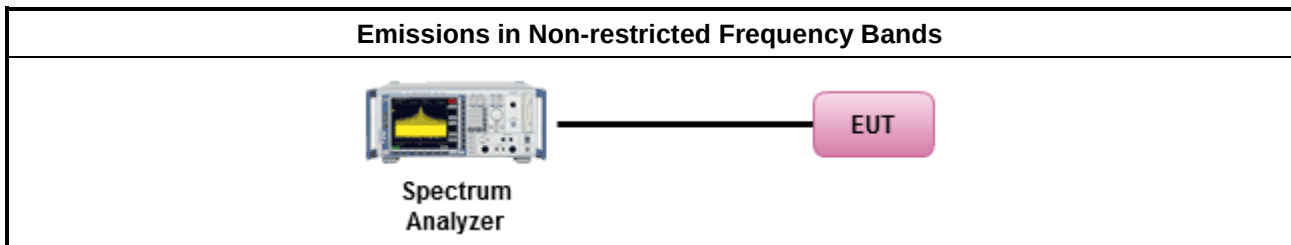
3.5.2 Measuring Instruments

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

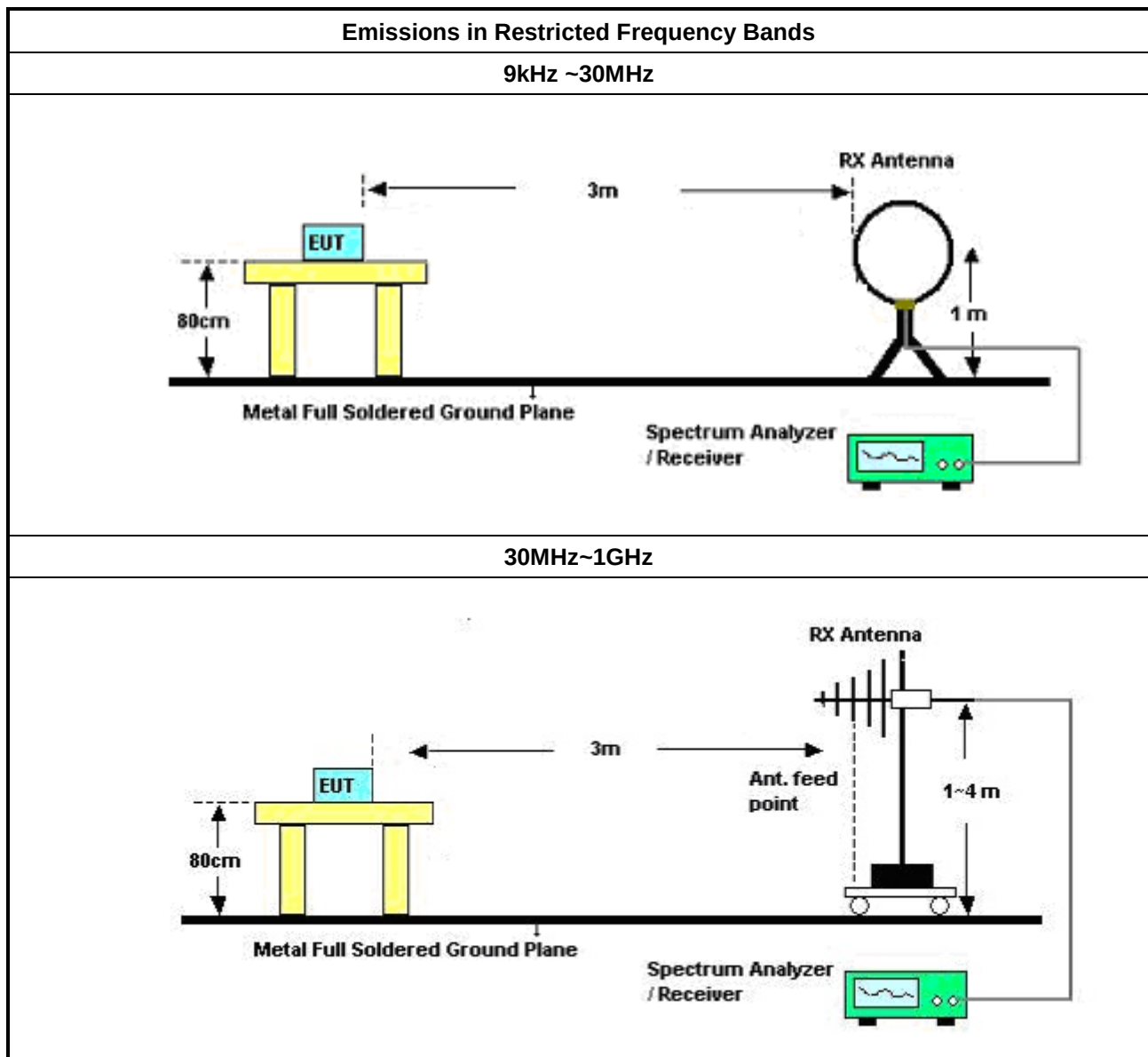
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

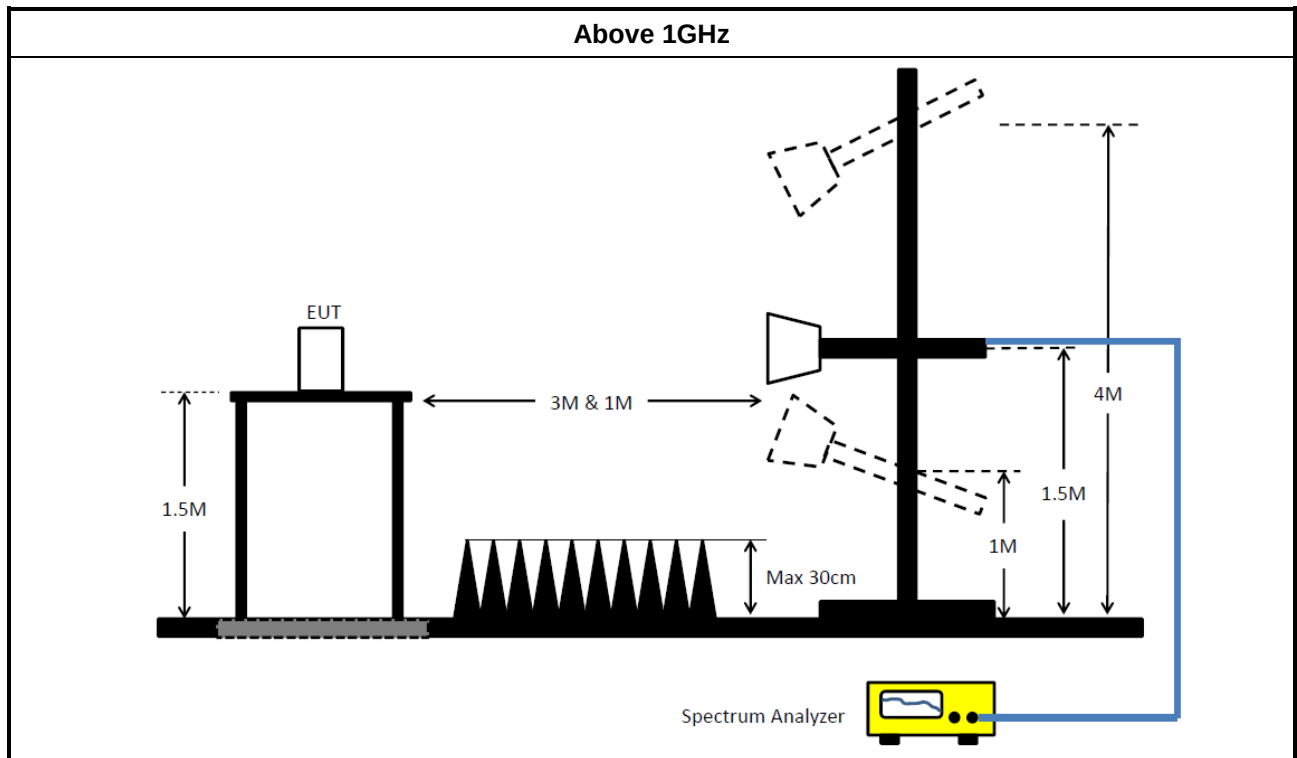
3.6.4 Measurement Results Calculation

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
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	25/Feb/2026	24/Feb/2027
Pulse Limiter	SCHWARZBECK	VTSD 9561F-F	9561-F041	9kHz ~ 30MHz	27/Oct/2025	26/Oct/2026
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	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	V5.11.27	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH25-HY)**

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	22/May/2026	21/May/2027
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	11/Mar/2026	10/Mar/2027
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	22/Apr/2026	21/Apr/2027
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	10/Feb/2026	09/Feb/2027
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	20/May/2026	19/May/2027
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	20/May/2026	19/May/2027
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	27/Apr/2026	26/Apr/2027
SENSE-15247-DTS	Sporton	V5.11.28	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	07/Aug/2025	06/Aug/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	19/Nov/2025	18/Nov/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	29/Jun/2026	28/Jun/2027
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	10/Feb/2026	09/Feb/2027
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	20/May/2026	19/May/2027
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	27/Apr/2026	26/Apr/2027
SENSE-EMI	Sporton	V5.11.6	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

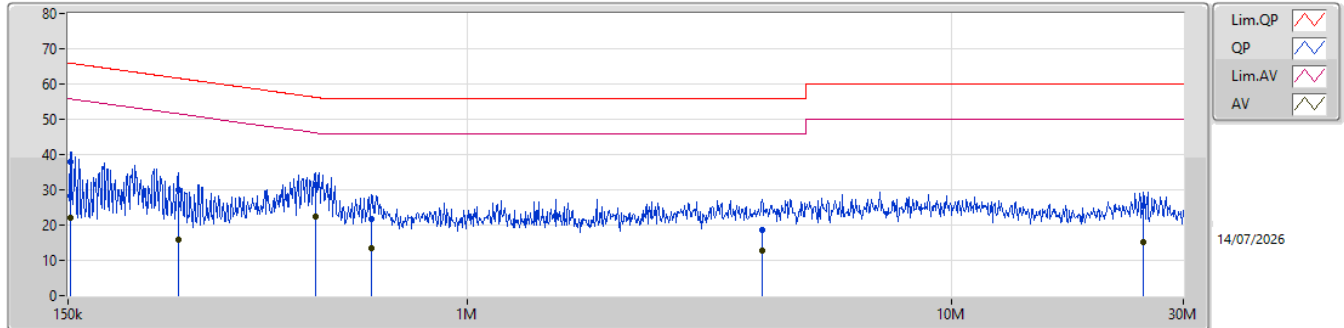
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	510.91k	34.97	46.00	-11.03	Neutral

Result

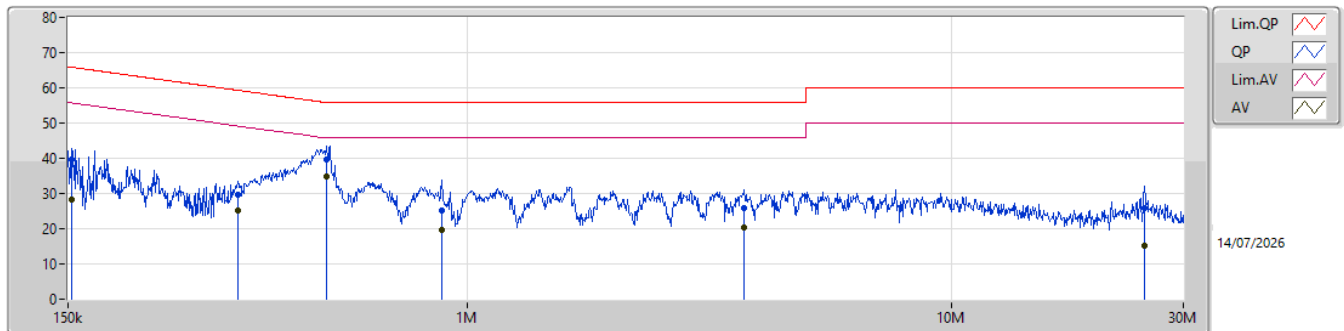
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.81k	37.94	65.90	-27.96	Line
Mode 1	Pass	AV	151.81k	21.96	55.90	-33.94	Line
Mode 1	Pass	QP	253.05k	29.88	61.66	-31.78	Line
Mode 1	Pass	AV	253.05k	15.86	51.66	-35.80	Line
Mode 1	Pass	QP	485.07k	31.37	56.25	-24.88	Line
Mode 1	Pass	AV	485.07k	22.43	46.25	-23.82	Line
Mode 1	Pass	QP	633.81k	21.71	56.00	-34.29	Line
Mode 1	Pass	AV	633.81k	13.30	46.00	-32.70	Line
Mode 1	Pass	QP	4.06M	18.75	56.00	-37.25	Line
Mode 1	Pass	AV	4.06M	12.80	46.00	-33.20	Line
Mode 1	Pass	QP	24.85M	25.56	60.00	-34.44	Line
Mode 1	Pass	AV	24.85M	15.07	50.00	-34.93	Line
Mode 1	Pass	QP	152.41k	39.67	65.87	-26.20	Neutral
Mode 1	Pass	AV	152.41k	28.27	55.87	-27.60	Neutral
Mode 1	Pass	QP	335.97k	29.75	59.31	-29.56	Neutral
Mode 1	Pass	AV	335.97k	25.34	49.31	-23.97	Neutral
Mode 1	Pass	QP	510.91k	39.52	56.00	-16.48	Neutral
Mode 1	Pass	AV	510.91k	34.97	46.00	-11.03	Neutral
Mode 1	Pass	QP	886.33k	25.01	56.00	-30.99	Neutral
Mode 1	Pass	AV	886.33k	19.49	46.00	-26.51	Neutral
Mode 1	Pass	QP	3.73M	25.87	56.00	-30.13	Neutral
Mode 1	Pass	AV	3.73M	20.48	46.00	-25.52	Neutral
Mode 1	Pass	QP	24.95M	25.85	60.00	-34.15	Neutral
Mode 1	Pass	AV	24.95M	15.32	50.00	-34.68	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	151.81k	37.94	65.90	-27.96	19.79	Line	18.15	9.64	0.17	9.98								
AV	151.81k	21.96	55.90	-33.94	19.79	Line	2.17	9.64	0.17	9.98								
QP	253.05k	29.88	61.66	-31.78	19.77	Line	10.11	9.64	0.12	10.01								
AV	253.05k	15.86	51.66	-35.80	19.77	Line	-3.91	9.64	0.12	10.01								
QP	485.07k	31.37	56.25	-24.88	19.74	Line	11.63	9.63	0.09	10.02								
AV	485.07k	22.43	46.25	-23.82	19.74	Line	2.69	9.63	0.09	10.02								
QP	633.81k	21.71	56.00	-34.29	19.76	Line	1.95	9.64	0.08	10.04								
AV	633.81k	13.30	46.00	-32.70	19.76	Line	-6.46	9.64	0.08	10.04								
QP	4.06M	18.75	56.00	-37.25	19.84	Line	-1.09	9.66	0.13	10.05								
AV	4.06M	12.80	46.00	-33.20	19.84	Line	-7.04	9.66	0.13	10.05								
QP	24.85M	25.56	60.00	-34.44	19.84	Line	5.72	9.52	0.44	9.88								
AV	24.85M	15.07	50.00	-34.93	19.84	Line	-4.77	9.52	0.44	9.88								

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	152.41k	39.67	65.87	-26.20	19.79	Neutral	19.88	9.64	0.17	9.98								
AV	152.41k	28.27	55.87	-27.60	19.79	Neutral	8.48	9.64	0.17	9.98								
QP	335.97k	29.75	59.31	-29.56	19.74	Neutral	10.01	9.63	0.11	10.00								
AV	335.97k	25.34	49.31	-23.97	19.74	Neutral	5.60	9.63	0.11	10.00								
QP	510.91k	39.52	56.00	-16.48	19.74	Neutral	19.78	9.63	0.09	10.02								
AV	510.91k	34.97	46.00	-11.03	19.74	Neutral	15.23	9.63	0.09	10.02								
QP	886.33k	25.01	56.00	-30.99	19.78	Neutral	5.23	9.64	0.07	10.07								
AV	886.33k	19.49	46.00	-26.51	19.78	Neutral	-0.29	9.64	0.07	10.07								
QP	3.73M	25.87	56.00	-30.13	19.82	Neutral	6.05	9.66	0.12	10.04								
AV	3.73M	20.48	46.00	-25.52	19.82	Neutral	0.66	9.66	0.12	10.04								
QP	24.95M	25.85	60.00	-34.15	20.00	Neutral	5.85	9.69	0.44	9.87								
AV	24.95M	15.32	50.00	-34.68	20.00	Neutral	-4.68	9.69	0.44	9.87								

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10.505M	14.843M	14M8G1D	10.395M	14.788M
802.11g_Nss1,(6Mbps)_2TX	15.95M	16.382M	16M4D1D	15.345M	16.327M
VHT20_Nss2,(MCS0)_2TX	17.05M	17.591M	17M6D1D	16.335M	17.426M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.395M	14.788M	10.505M	14.788M
2437MHz	Pass	500k	10.395M	14.788M	10.395M	14.843M
2462MHz	Pass	500k	10.395M	14.788M	10.395M	14.843M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.675M	16.382M	15.565M	16.327M
2437MHz	Pass	500k	15.95M	16.327M	15.345M	16.382M
2462MHz	Pass	500k	15.785M	16.327M	15.455M	16.382M
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.94M	17.591M	16.555M	17.481M
2437MHz	Pass	500k	16.94M	17.536M	16.94M	17.426M
2462MHz	Pass	500k	17.05M	17.426M	16.335M	17.536M

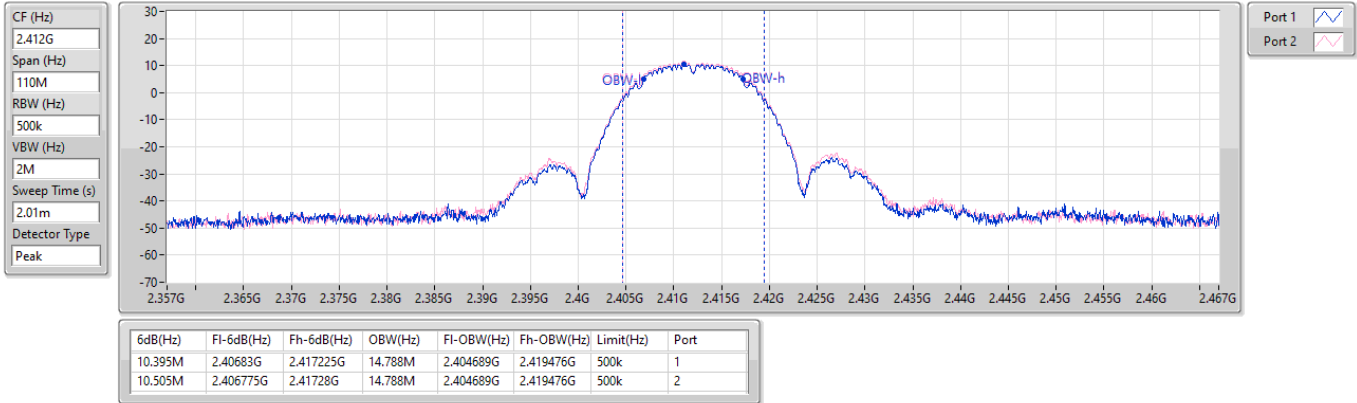
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

25/06/2026

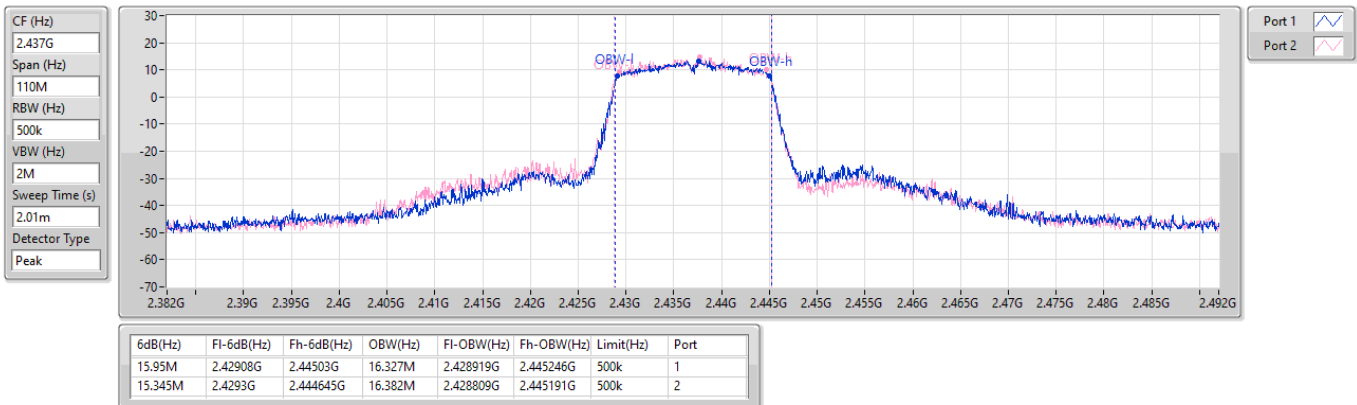


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

25/06/2026



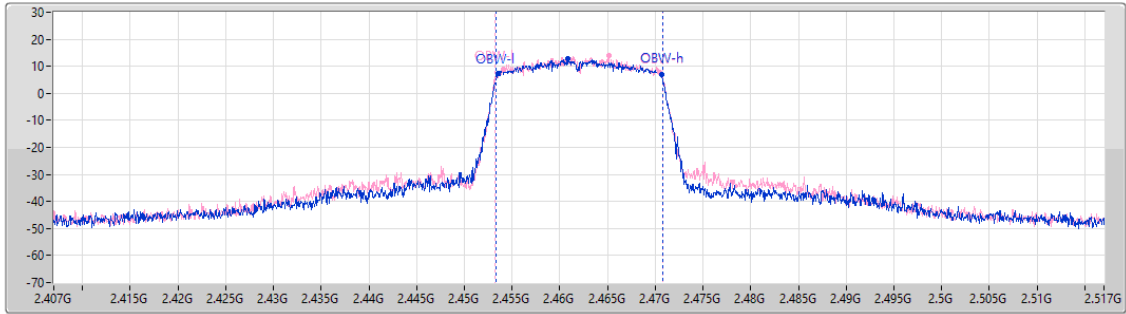
2.4-2.4835GHz_VHT20_Nss2,(MCS0)_2TX

EBW

2462MHz

25/06/2026

CF (Hz)
2.462G
Span (Hz)
110M
RBW (Hz)
500k
VBW (Hz)
2M
Sweep Time (s)
2.01m
Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.05M	2.453585G	2.470635G	17.426M	2.453314G	2.470741G	500k	1
16.335M	2.45408G	2.470415G	17.536M	2.453259G	2.470796G	500k	2

Port 1
Port 2



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.13	0.20559
802.11g_Nss1,(6Mbps)_2TX	22.87	0.19364
VHT20_Nss2,(MCS0)_2TX	22.77	0.18923

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.89	19.92	20.00	22.97	30.00
2437MHz	Pass	3.89	20.07	20.16	23.13	30.00
2462MHz	Pass	3.89	20.05	20.17	23.12	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.89	19.06	19.00	22.04	30.00
2417MHz	Pass	3.89	19.67	19.87	22.78	30.00
2437MHz	Pass	3.89	19.72	19.96	22.85	30.00
2457MHz	Pass	3.89	19.85	19.87	22.87	30.00
2462MHz	Pass	3.89	19.03	19.32	22.19	30.00
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.89	19.37	19.42	22.41	30.00
2417MHz	Pass	3.89	19.60	19.92	22.77	30.00
2437MHz	Pass	3.89	19.71	19.79	22.76	30.00
2457MHz	Pass	3.89	19.33	19.89	22.63	30.00
2462MHz	Pass	3.89	19.11	19.26	22.20	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-8.35
802.11g_Nss1,(6Mbps)_2TX	-5.37
VHT20_Nss2,(MCS0)_2TX	-5.86

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.85	-11.87	-11.50	-8.74	7.15
2437MHz	Pass	6.85	-11.64	-11.12	-8.44	7.15
2462MHz	Pass	6.85	-11.58	-11.15	-8.35	7.15
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.85	-9.49	-9.20	-6.84	7.15
2437MHz	Pass	6.85	-8.16	-8.13	-5.37	7.15
2462MHz	Pass	6.85	-9.14	-8.27	-6.04	7.15
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.89	-8.86	-8.76	-6.15	7.15
2437MHz	Pass	3.89	-8.54	-8.45	-5.86	7.15
2462MHz	Pass	3.89	-9.00	-8.81	-6.25	7.15

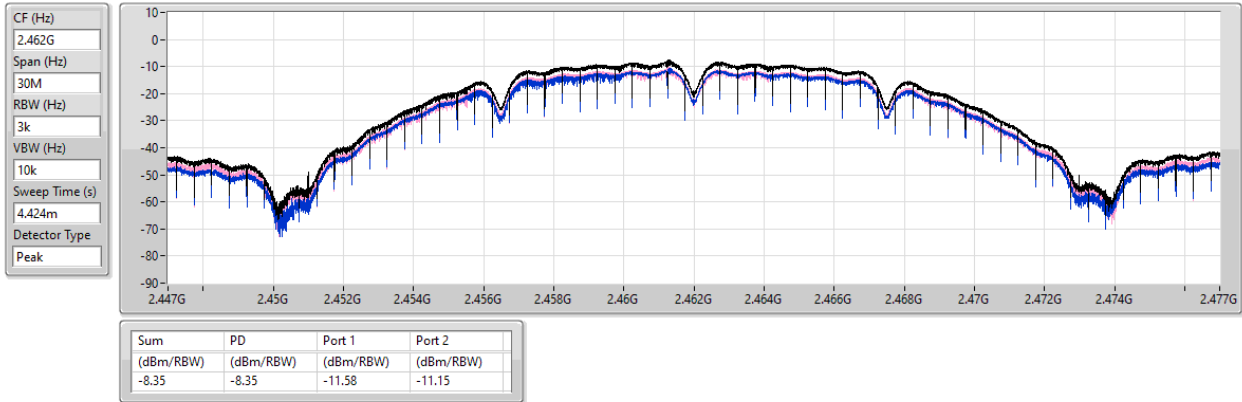
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2462MHz

25/06/2026

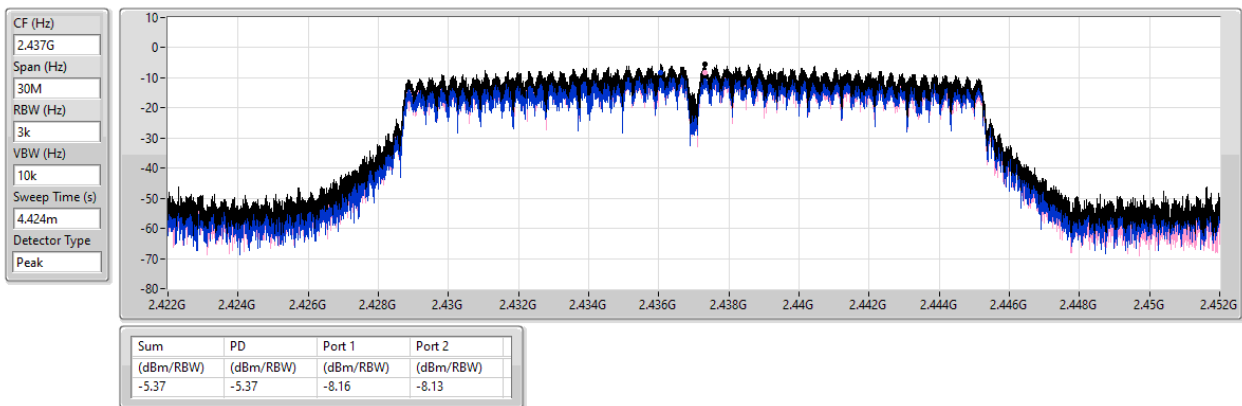


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

25/06/2026



2.4-2.4835GHz_VHT20_Nss2,(MCS0)_2TX

PSD

2437MHz

25/06/2026

CF (Hz)
2.437G

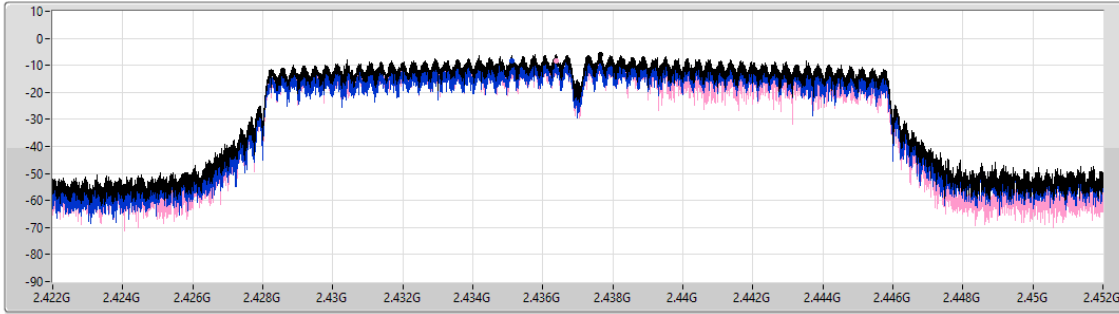
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.86	-5.86	-8.54	-8.45



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43791G	9.57	-20.43	2.30991G	-54.53	2.39704G	-26.46	2.4G	-43.61	2.50878G	-51.09	7.23514G	-42.02	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43641G	7.59	-22.41	2.30059G	-53.12	2.39928G	-28.57	2.4G	-27.05	2.51702G	-50.93	16.54041G	-41.42	1
VHT20_Nss2,(MCS0)_2TX	Pass	2.43758G	7.61	-22.39	2.30758G	-54.23	2.39952G	-26.36	2.4G	-25.64	2.52254G	-51.05	16.94217G	-42.64	1

Result

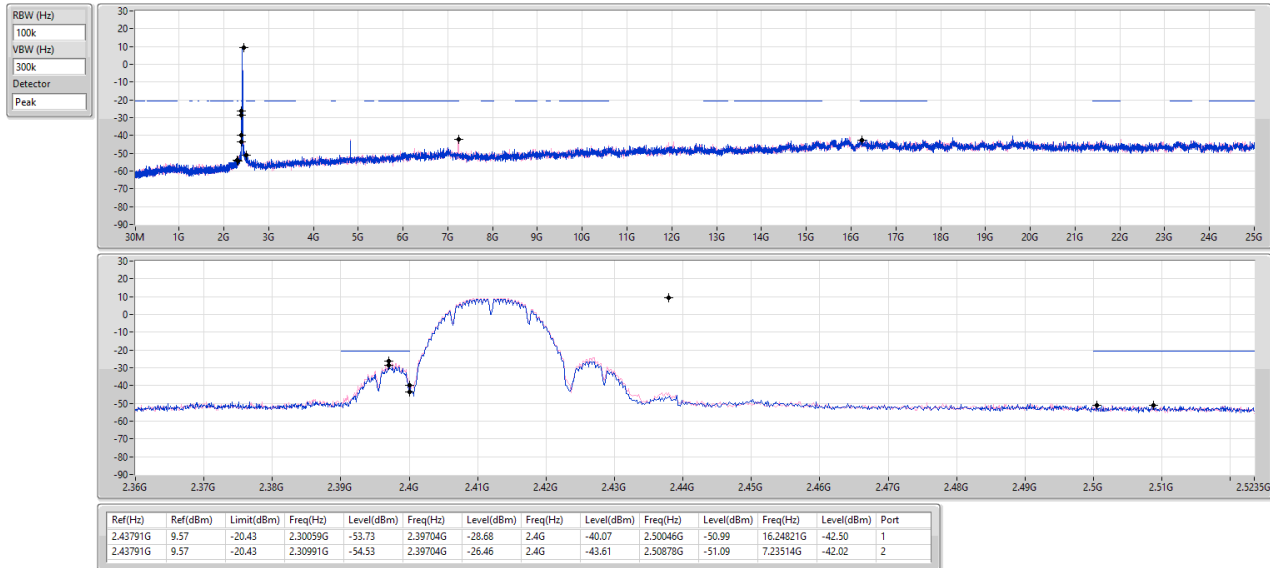
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43791G	9.57	-20.43	2.30059G	-53.73	2.39704G	-28.68	2.4G	-40.07	2.50046G	-50.99	16.24821G	-42.50	1
2412MHz	Pass	2.43791G	9.57	-20.43	2.30991G	-54.53	2.39704G	-26.46	2.4G	-43.61	2.50878G	-51.09	7.23514G	-42.02	2
2437MHz	Pass	2.43791G	9.57	-20.43	2.30991G	-54.13	2.39392G	-49.65	2.4G	-50.92	2.5163G	-50.23	15.27891G	-41.27	1
2437MHz	Pass	2.43791G	9.57	-20.43	2.30292G	-54.29	2.39456G	-50.06	2.4G	-50.35	2.51462G	-50.38	17.61647G	-42.34	2
2462MHz	Pass	2.43791G	9.57	-20.43	2.30059G	-54.04	2.4G	-50.69	2.4G	-52.77	2.5003G	-49.47	23.33112G	-40.97	1
2462MHz	Pass	2.43791G	9.57	-20.43	2.1969G	-54.99	2.3996G	-50.72	2.4G	-52.56	2.5031G	-49.87	23.33955G	-41.90	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	7.59	-22.41	2.30059G	-53.12	2.39928G	-28.57	2.4G	-27.05	2.51702G	-50.93	16.54041G	-41.42	1
2412MHz	Pass	2.43641G	7.59	-22.41	2.30292G	-54.61	2.39576G	-39.80	2.4G	-40.25	2.5023G	-51.08	17.59961G	-42.10	2
2437MHz	Pass	2.43641G	7.59	-22.41	2.30059G	-53.82	2.39704G	-47.41	2.4G	-49.73	2.5099G	-50.55	21.60324G	-41.95	1
2437MHz	Pass	2.43641G	7.59	-22.41	2.13399G	-54.16	2.39984G	-49.32	2.4G	-52.41	2.50974G	-50.22	16.34655G	-41.72	2
2462MHz	Pass	2.43641G	7.59	-22.41	2.30408G	-55.07	2.39744G	-50.75	2.4G	-53.28	2.5031G	-48.92	16.25383G	-41.41	1
2462MHz	Pass	2.43641G	7.59	-22.41	2.30525G	-54.16	2.3968G	-50.85	2.4G	-51.49	2.5003G	-48.16	23.30302G	-41.89	2
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43758G	7.61	-22.39	2.30758G	-54.23	2.39952G	-26.36	2.4G	-25.64	2.52254G	-51.05	16.94217G	-42.64	1
2412MHz	Pass	2.43758G	7.61	-22.39	2.07691G	-54.79	2.39576G	-37.08	2.4G	-41.10	2.51438G	-50.98	14.61024G	-41.47	2
2437MHz	Pass	2.43758G	7.61	-22.39	2.30292G	-53.68	2.39992G	-48.22	2.4G	-48.57	2.52246G	-50.26	23.33393G	-41.67	1
2437MHz	Pass	2.43758G	7.61	-22.39	2.30292G	-54.44	2.39896G	-49.29	2.4G	-49.54	2.50062G	-50.75	17.60242G	-41.27	2
2462MHz	Pass	2.43758G	7.61	-22.39	2.30175G	-54.75	2.39816G	-50.69	2.4G	-51.92	2.5007G	-47.67	17.62209G	-41.74	1
2462MHz	Pass	2.43758G	7.61	-22.39	2.30758G	-52.77	2.39976G	-51.49	2.4G	-52.52	2.5015G	-48.20	16.23697G	-41.29	2

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

CSEndB

2412MHz

25/06/2026

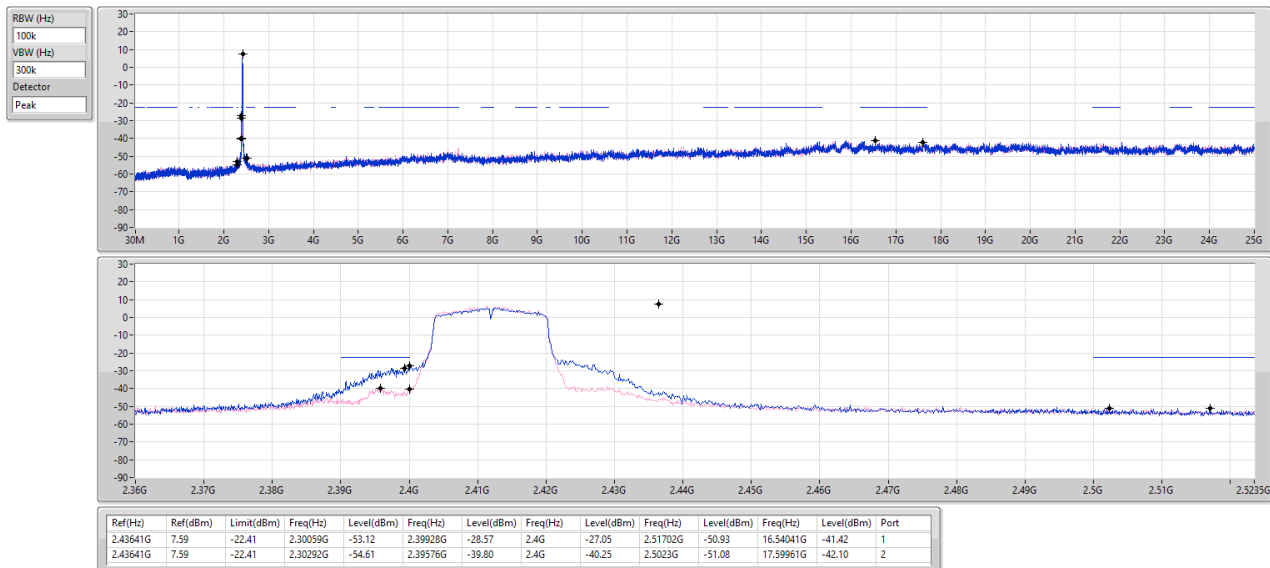


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

25/06/2026



2.4-2.4835GHz_VHT20_Nss2_(MCS0)_2TX

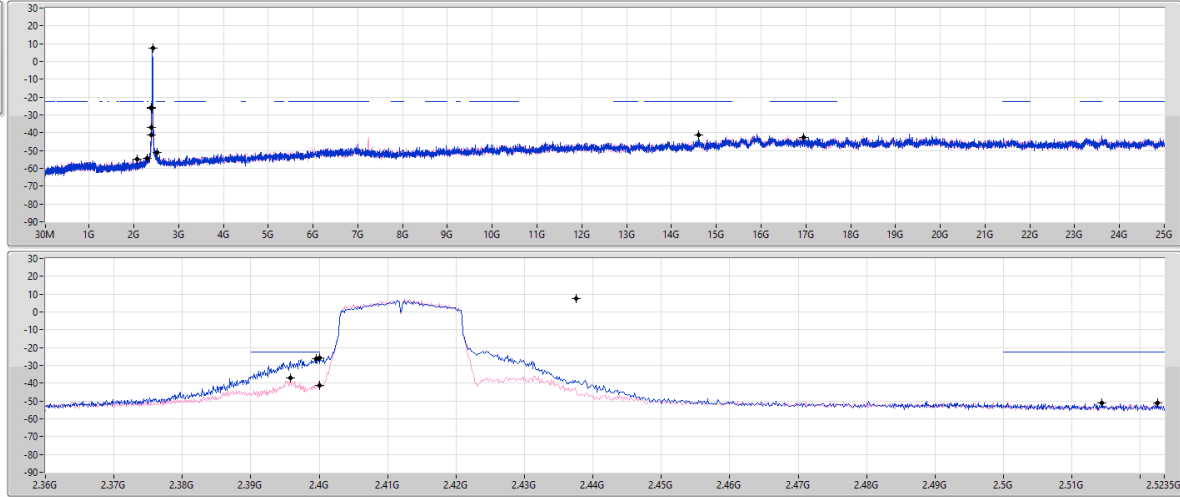
CSEndB

2412MHz

25/06/2026

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43758G	7.61	-22.39	2.30758G	-54.23	2.39952G	-26.36	2.4G	-25.64	2.52254G	-51.05	16.94217G	-42.64	1
2.43758G	7.61	-22.39	2.07691G	-54.79	2.39576G	-37.08	2.4G	-41.10	2.51438G	-50.98	14.61024G	-41.47	2



Summary

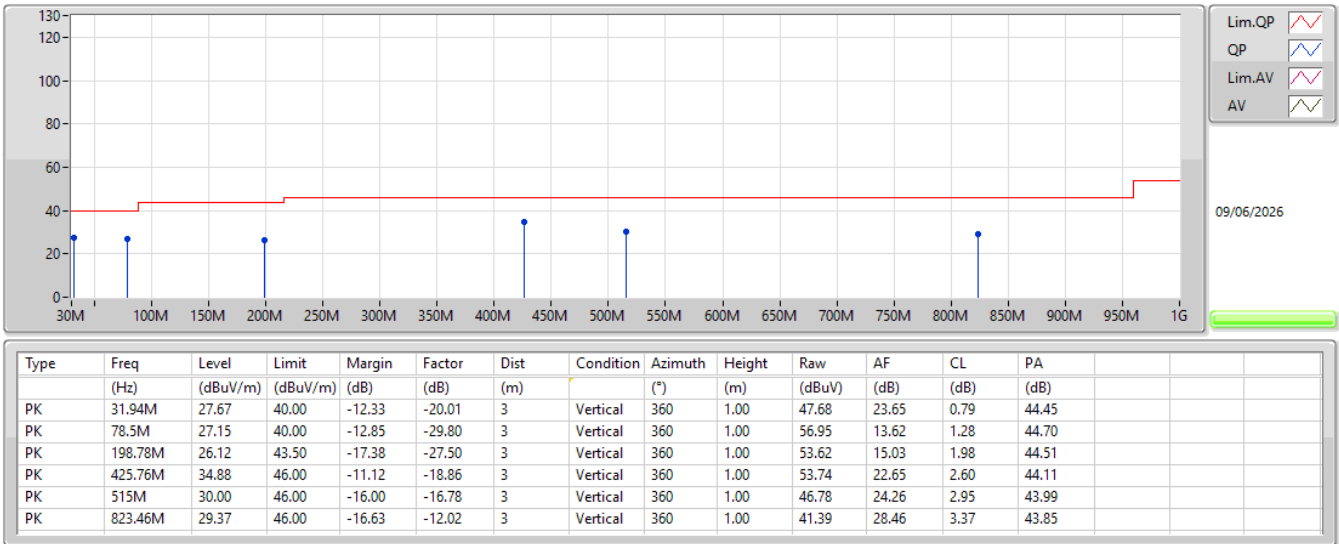
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
VHT20_Nss2,(MCS0)_2TX	Pass	PK	425.76M	34.98	46.00	-11.02	3	Horizontal	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
VHT20_Nss2(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	31.94M	27.67	40.00	-12.33	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	78.5M	27.15	40.00	-12.85	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	198.78M	26.12	43.50	-17.38	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	425.76M	34.88	46.00	-11.12	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	515M	30.00	46.00	-16.00	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	823.46M	29.37	46.00	-16.63	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	31.94M	20.29	40.00	-19.71	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	103.72M	22.30	43.50	-21.20	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	181.32M	25.84	43.50	-17.66	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	260.86M	26.75	46.00	-19.25	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	425.76M	34.98	46.00	-11.02	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	493.66M	26.50	46.00	-19.50	3	Horizontal	0	1.00

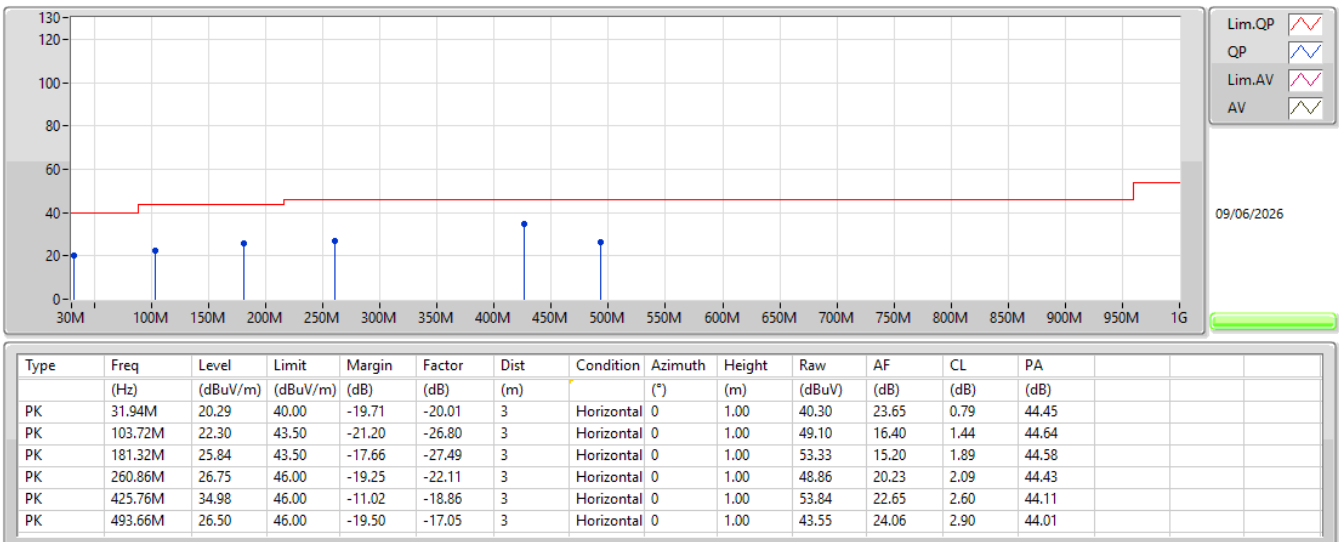
2.4-2.4835GHz_VHT20_Nss2,(MCS0)_2TX

2437MHz_Adapter



2.4-2.4835GHz_VHT20_Nss2,(MCS0)_2TX

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)_2TX	Pass	AV	7.3102G	51.24	54.00	-2.76	3	Horizontal	8	1.01
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4872G	52.18	54.00	-1.82	3	Horizontal	34	1.09
VHT20_Nss2,(MCS0)_2TX	Pass	AV	2.4835G	52.46	54.00	-1.54	3	Horizontal	32	1.08

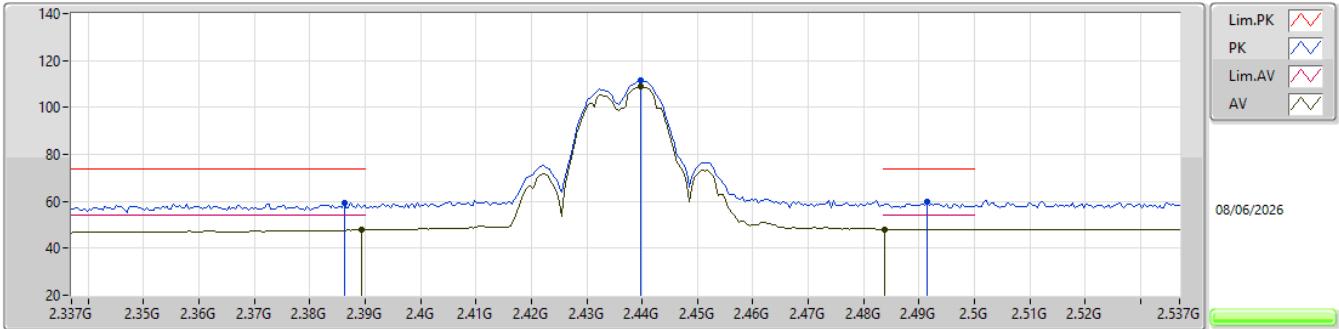
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.41	54.00	-4.59	3	Horizontal	13	1.04
2412MHz	Pass	AV	2.4112G	109.41	Inf	-Inf	3	Horizontal	13	1.04
2412MHz	Pass	PK	2.3748G	60.69	74.00	-13.31	3	Horizontal	13	1.04
2412MHz	Pass	PK	2.4112G	111.84	Inf	-Inf	3	Horizontal	13	1.04
2412MHz	Pass	AV	4.824G	43.73	54.00	-10.27	3	Vertical	335	1.40
2412MHz	Pass	PK	4.82412G	48.07	74.00	-25.93	3	Vertical	335	1.40
2412MHz	Pass	AV	4.824G	45.82	54.00	-8.18	3	Horizontal	328	2.70
2412MHz	Pass	PK	4.824G	49.48	74.00	-24.52	3	Horizontal	328	2.70
2437MHz	Pass	AV	2.3894G	47.86	54.00	-6.14	3	Horizontal	334	1.01
2437MHz	Pass	AV	2.4398G	108.80	Inf	-Inf	3	Horizontal	334	1.01
2437MHz	Pass	AV	2.4838G	48.17	54.00	-5.83	3	Horizontal	334	1.01
2437MHz	Pass	PK	2.3862G	59.42	74.00	-14.58	3	Horizontal	334	1.01
2437MHz	Pass	PK	2.4398G	111.69	Inf	-Inf	3	Horizontal	334	1.01
2437MHz	Pass	PK	2.4914G	59.89	74.00	-14.11	3	Horizontal	334	1.01
2437MHz	Pass	AV	4.874G	42.22	54.00	-11.78	3	Vertical	316	1.40
2437MHz	Pass	AV	7.31176G	43.84	54.00	-10.16	3	Vertical	314	1.00
2437MHz	Pass	PK	4.87404G	47.70	74.00	-26.30	3	Vertical	316	1.40
2437MHz	Pass	PK	7.31032G	52.23	74.00	-21.77	3	Vertical	314	1.00
2437MHz	Pass	AV	4.87396G	45.51	54.00	-8.49	3	Horizontal	299	1.30
2437MHz	Pass	AV	7.3102G	51.24	54.00	-2.76	3	Horizontal	8	1.01
2437MHz	Pass	PK	4.87396G	49.00	74.00	-25.00	3	Horizontal	299	1.30
2437MHz	Pass	PK	7.31068G	56.61	74.00	-17.39	3	Horizontal	8	1.01
2462MHz	Pass	AV	2.4612G	108.87	Inf	-Inf	3	Horizontal	34	1.08
2462MHz	Pass	AV	2.4835G	49.49	54.00	-4.51	3	Horizontal	34	1.08
2462MHz	Pass	PK	2.461G	111.29	Inf	-Inf	3	Horizontal	34	1.08
2462MHz	Pass	PK	2.4886G	60.83	74.00	-13.17	3	Horizontal	34	1.08
2462MHz	Pass	AV	4.92396G	41.12	54.00	-12.88	3	Vertical	330	1.22
2462MHz	Pass	AV	7.38672G	42.33	54.00	-11.67	3	Vertical	261	1.07
2462MHz	Pass	PK	4.92412G	47.30	74.00	-26.70	3	Vertical	330	1.22
2462MHz	Pass	PK	7.38512G	51.82	74.00	-22.18	3	Vertical	261	1.07
2462MHz	Pass	AV	4.92396G	46.08	54.00	-7.92	3	Horizontal	349	2.65
2462MHz	Pass	AV	7.38672G	50.59	54.00	-3.41	3	Horizontal	18	1.01
2462MHz	Pass	PK	4.92396G	50.45	74.00	-23.55	3	Horizontal	349	2.65
2462MHz	Pass	PK	7.38508G	55.78	74.00	-18.22	3	Horizontal	18	1.01
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3878G	52.00	54.00	-2.00	3	Horizontal	16	1.01
2412MHz	Pass	AV	2.4128G	106.23	Inf	-Inf	3	Horizontal	16	1.01
2412MHz	Pass	PK	2.3876G	65.83	74.00	-8.17	3	Horizontal	16	1.01
2412MHz	Pass	PK	2.4128G	113.95	Inf	-Inf	3	Horizontal	16	1.01
2412MHz	Pass	AV	4.82418G	31.49	54.00	-22.51	3	Vertical	223	1.50
2412MHz	Pass	PK	4.8204G	43.74	74.00	-30.26	3	Vertical	223	1.50
2412MHz	Pass	AV	4.82412G	35.27	54.00	-18.73	3	Horizontal	346	2.43
2412MHz	Pass	PK	4.82028G	47.77	74.00	-26.23	3	Horizontal	346	2.43
2417MHz	Pass	AV	2.39G	49.79	54.00	-4.21	3	Horizontal	22	1.00
2417MHz	Pass	AV	2.4186G	105.59	Inf	-Inf	3	Horizontal	22	1.00
2417MHz	Pass	PK	2.3892G	62.61	74.00	-11.39	3	Horizontal	22	1.00
2417MHz	Pass	PK	2.419G	113.46	Inf	-Inf	3	Horizontal	22	1.00
2437MHz	Pass	AV	2.3894G	47.99	54.00	-6.01	3	Horizontal	337	1.01
2437MHz	Pass	AV	2.4358G	107.15	Inf	-Inf	3	Horizontal	337	1.01
2437MHz	Pass	AV	2.4838G	48.15	54.00	-5.85	3	Horizontal	337	1.01
2437MHz	Pass	PK	2.3622G	59.98	74.00	-14.02	3	Horizontal	337	1.01
2437MHz	Pass	PK	2.4354G	115.05	Inf	-Inf	3	Horizontal	337	1.01
2437MHz	Pass	PK	2.4974G	60.12	74.00	-13.88	3	Horizontal	337	1.01
2437MHz	Pass	AV	4.874G	33.70	54.00	-20.30	3	Vertical	217	1.50
2437MHz	Pass	AV	7.31022G	40.92	54.00	-13.08	3	Vertical	194	1.50
2437MHz	Pass	PK	4.8749G	45.54	74.00	-28.46	3	Vertical	217	1.50
2437MHz	Pass	PK	7.3107G	53.86	74.00	-20.14	3	Vertical	194	1.50
2437MHz	Pass	AV	4.874G	37.26	54.00	-16.74	3	Horizontal	352	2.39
2437MHz	Pass	AV	7.31016G	49.10	54.00	-4.90	3	Horizontal	17	1.00
2437MHz	Pass	PK	4.87904G	48.84	74.00	-25.16	3	Horizontal	352	2.39

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	7.31052G	62.10	74.00	-11.90	3	Horizontal	17	1.00
2457MHz	Pass	AV	2.4576G	106.13	Inf	-Inf	3	Horizontal	26	1.06
2457MHz	Pass	AV	2.4835G	51.50	54.00	-2.50	3	Horizontal	26	1.06
2457MHz	Pass	PK	2.4578G	113.75	Inf	-Inf	3	Horizontal	26	1.06
2457MHz	Pass	PK	2.4838G	63.40	74.00	-10.60	3	Horizontal	26	1.06
2462MHz	Pass	AV	2.4628G	105.49	Inf	-Inf	3	Horizontal	34	1.09
2462MHz	Pass	AV	2.4872G	52.18	54.00	-1.82	3	Horizontal	34	1.09
2462MHz	Pass	PK	2.4628G	113.18	Inf	-Inf	3	Horizontal	34	1.09
2462MHz	Pass	PK	2.4868G	66.20	74.00	-7.80	3	Horizontal	34	1.09
2462MHz	Pass	AV	4.92514G	33.34	54.00	-20.66	3	Vertical	216	1.40
2462MHz	Pass	AV	7.38642G	39.62	54.00	-14.38	3	Vertical	194	1.36
2462MHz	Pass	PK	4.9198G	45.84	74.00	-28.16	3	Vertical	216	1.40
2462MHz	Pass	PK	7.3821G	51.99	74.00	-22.01	3	Vertical	194	1.36
2462MHz	Pass	AV	4.92484G	36.85	54.00	-17.15	3	Horizontal	0	1.01
2462MHz	Pass	AV	7.38636G	47.09	54.00	-6.91	3	Horizontal	22	1.00
2462MHz	Pass	PK	4.92514G	49.12	74.00	-24.88	3	Horizontal	0	1.01
2462MHz	Pass	PK	7.38564G	59.87	74.00	-14.13	3	Horizontal	22	1.00
VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3882G	51.92	54.00	-2.08	3	Horizontal	28	1.16
2412MHz	Pass	AV	2.4142G	102.94	Inf	-Inf	3	Horizontal	28	1.16
2412MHz	Pass	PK	2.388G	64.43	74.00	-9.57	3	Horizontal	28	1.16
2412MHz	Pass	PK	2.4134G	112.55	Inf	-Inf	3	Horizontal	28	1.16
2412MHz	Pass	AV	4.8246G	31.07	54.00	-22.93	3	Vertical	221	2.22
2412MHz	Pass	PK	4.82244G	43.53	74.00	-30.47	3	Vertical	221	2.22
2412MHz	Pass	AV	4.82478G	33.87	54.00	-20.13	3	Horizontal	338	2.42
2412MHz	Pass	PK	4.81824G	46.38	74.00	-27.62	3	Horizontal	338	2.42
2417MHz	Pass	AV	2.39G	48.24	54.00	-5.76	3	Horizontal	35	1.01
2417MHz	Pass	AV	2.4162G	101.20	Inf	-Inf	3	Horizontal	35	1.01
2417MHz	Pass	PK	2.3886G	60.26	74.00	-13.74	3	Horizontal	35	1.01
2417MHz	Pass	PK	2.4152G	111.46	Inf	-Inf	3	Horizontal	35	1.01
2437MHz	Pass	AV	2.3894G	47.70	54.00	-6.30	3	Horizontal	10	1.50
2437MHz	Pass	AV	2.4378G	104.71	Inf	-Inf	3	Horizontal	10	1.50
2437MHz	Pass	AV	2.4835G	48.13	54.00	-5.87	3	Horizontal	10	1.50
2437MHz	Pass	PK	2.3898G	60.04	74.00	-13.96	3	Horizontal	10	1.50
2437MHz	Pass	PK	2.4382G	114.66	Inf	-Inf	3	Horizontal	10	1.50
2437MHz	Pass	PK	2.4902G	59.70	74.00	-14.30	3	Horizontal	10	1.50
2437MHz	Pass	AV	4.87484G	32.31	54.00	-21.69	3	Vertical	217	1.49
2437MHz	Pass	AV	7.30794G	39.03	54.00	-14.97	3	Vertical	194	1.50
2437MHz	Pass	PK	4.87964G	44.98	74.00	-29.02	3	Vertical	217	1.49
2437MHz	Pass	PK	7.31172G	51.86	74.00	-22.14	3	Vertical	194	1.50
2437MHz	Pass	AV	4.87466G	35.02	54.00	-18.98	3	Horizontal	352	2.40
2437MHz	Pass	AV	7.31034G	46.08	54.00	-7.92	3	Horizontal	17	1.00
2437MHz	Pass	PK	4.87676G	47.65	74.00	-26.35	3	Horizontal	352	2.40
2437MHz	Pass	PK	7.30968G	60.64	74.00	-13.36	3	Horizontal	17	1.00
2457MHz	Pass	AV	2.4548G	103.88	Inf	-Inf	3	Horizontal	25	1.01
2457MHz	Pass	AV	2.4835G	50.51	54.00	-3.49	3	Horizontal	25	1.01
2457MHz	Pass	PK	2.4544G	112.94	Inf	-Inf	3	Horizontal	25	1.01
2457MHz	Pass	PK	2.4846G	61.77	74.00	-12.23	3	Horizontal	25	1.01
2462MHz	Pass	AV	2.4642G	102.77	Inf	-Inf	3	Horizontal	32	1.08
2462MHz	Pass	AV	2.4835G	52.46	54.00	-1.54	3	Horizontal	32	1.08
2462MHz	Pass	PK	2.4612G	112.20	Inf	-Inf	3	Horizontal	32	1.08
2462MHz	Pass	PK	2.4835G	65.16	74.00	-8.84	3	Horizontal	32	1.08
2462MHz	Pass	AV	4.92424G	32.20	54.00	-21.80	3	Vertical	216	1.38
2462MHz	Pass	AV	7.38666G	38.00	54.00	-16.00	3	Vertical	187	1.50
2462MHz	Pass	PK	4.9231G	44.60	74.00	-29.40	3	Vertical	216	1.38
2462MHz	Pass	PK	7.38708G	51.17	74.00	-22.83	3	Vertical	187	1.50
2462MHz	Pass	AV	4.92466G	34.90	54.00	-19.10	3	Horizontal	345	1.01
2462MHz	Pass	AV	7.38504G	44.82	54.00	-9.18	3	Horizontal	22	1.00
2462MHz	Pass	PK	4.9237G	47.55	74.00	-26.45	3	Horizontal	345	1.01
2462MHz	Pass	PK	7.386G	58.99	74.00	-15.01	3	Horizontal	22	1.00

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

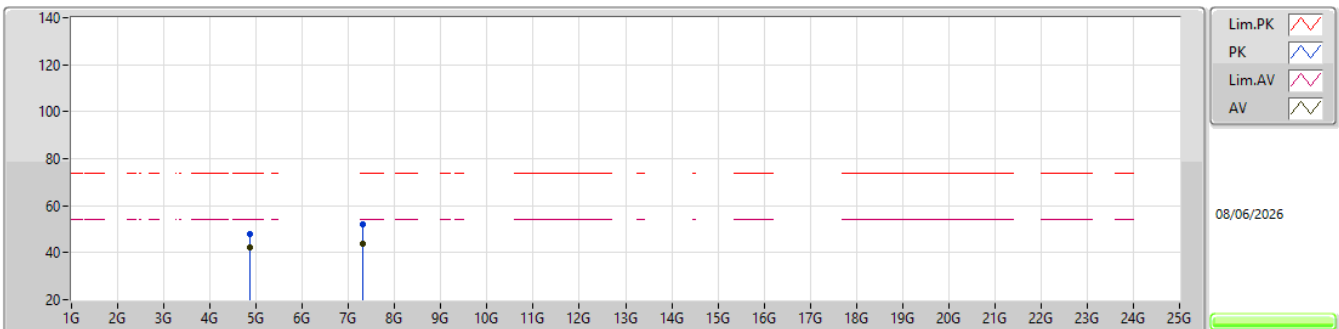
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	47.86	54.00	-6.14	32.34	3	Horizontal	334	1.01	15.52	27.49	4.85	-
AV	2.4398G	108.80	Inf	-Inf	32.62	3	Horizontal	334	1.01	76.18	27.70	4.92	-
AV	2.4838G	48.17	54.00	-5.83	32.88	3	Horizontal	334	1.01	15.29	27.90	4.98	-
PK	2.3862G	59.42	74.00	-14.58	32.31	3	Horizontal	334	1.01	27.11	27.46	4.85	-
PK	2.4398G	111.69	Inf	-Inf	32.62	3	Horizontal	334	1.01	79.07	27.70	4.92	-
PK	2.4914G	59.89	74.00	-14.11	32.89	3	Horizontal	334	1.01	27.00	27.90	4.99	-

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

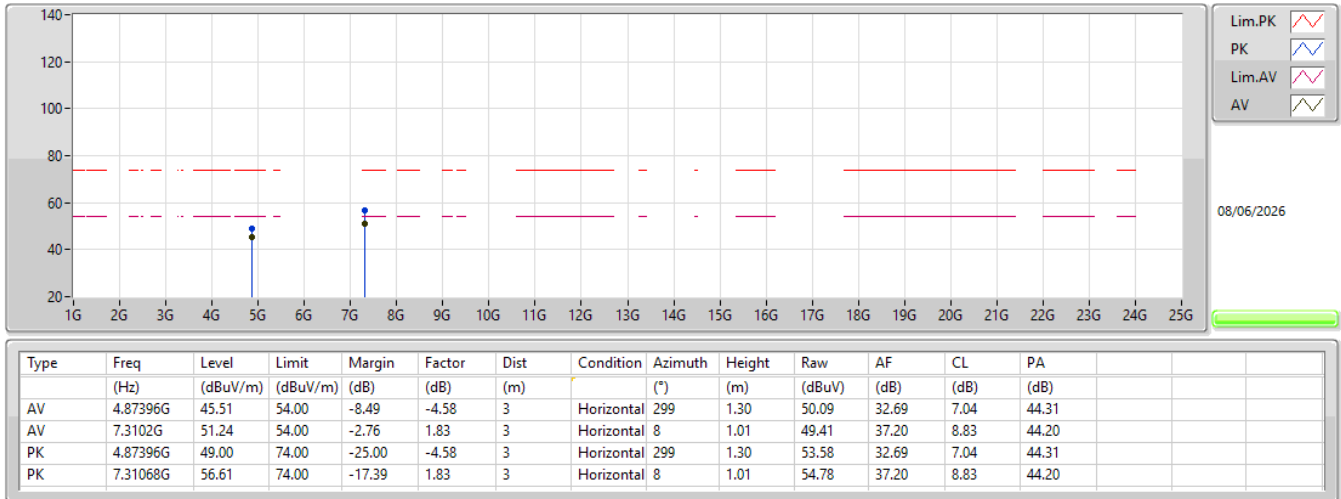
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	42.22	54.00	-11.78	-4.58	3	Vertical	316	1.40	46.80	32.69	7.04	44.31
AV	7.31176G	43.84	54.00	-10.16	1.83	3	Vertical	314	1.00	42.01	37.20	8.83	44.20
PK	4.87404G	47.70	74.00	-26.30	-4.58	3	Vertical	316	1.40	52.28	32.69	7.04	44.31
PK	7.31032G	52.23	74.00	-21.77	1.83	3	Vertical	314	1.00	50.40	37.20	8.83	44.20

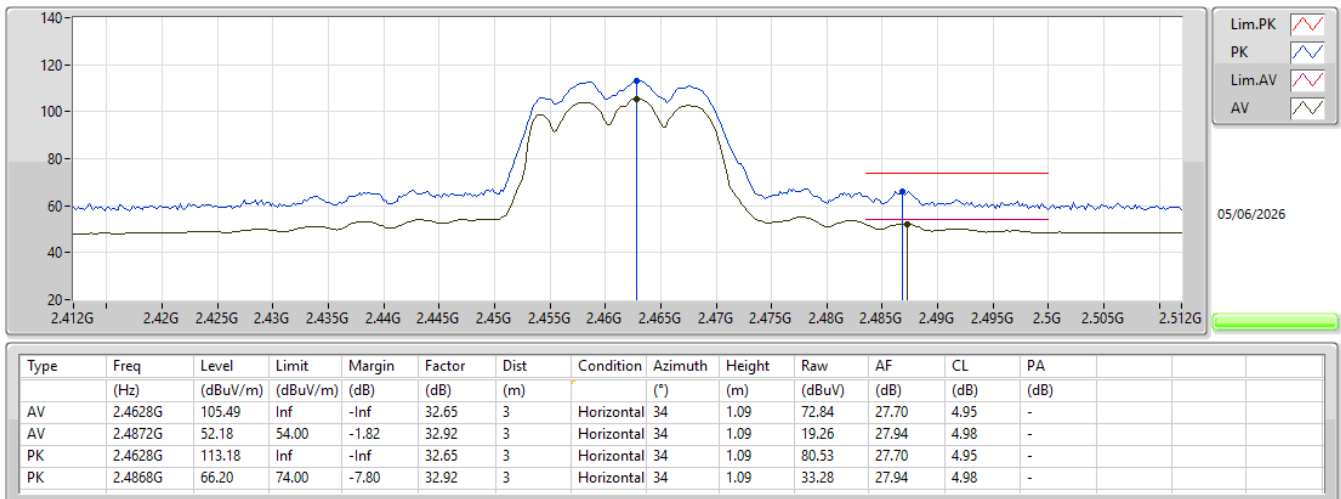
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX



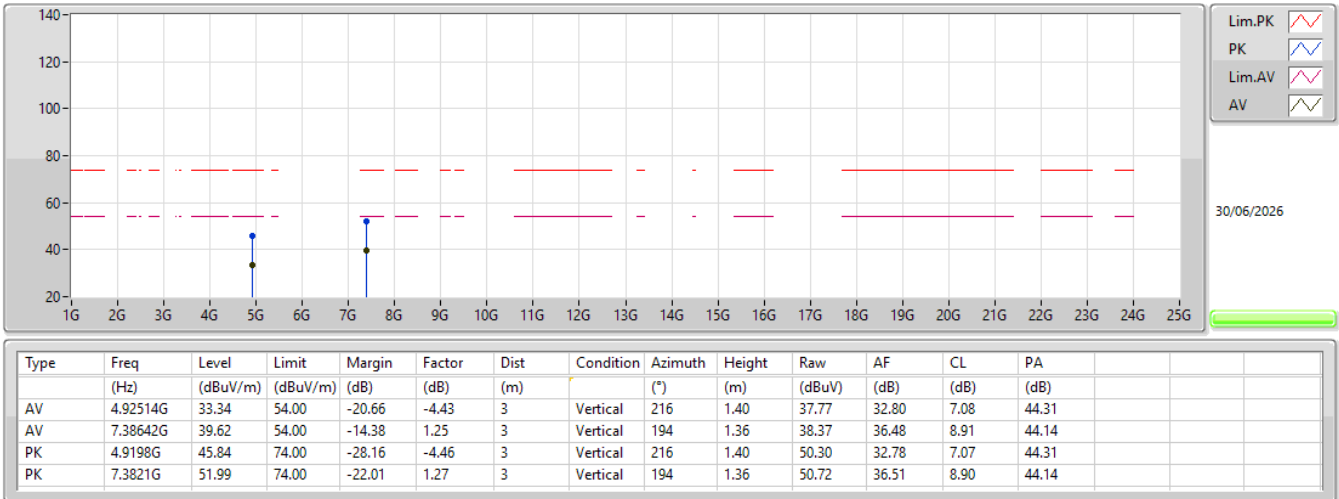
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



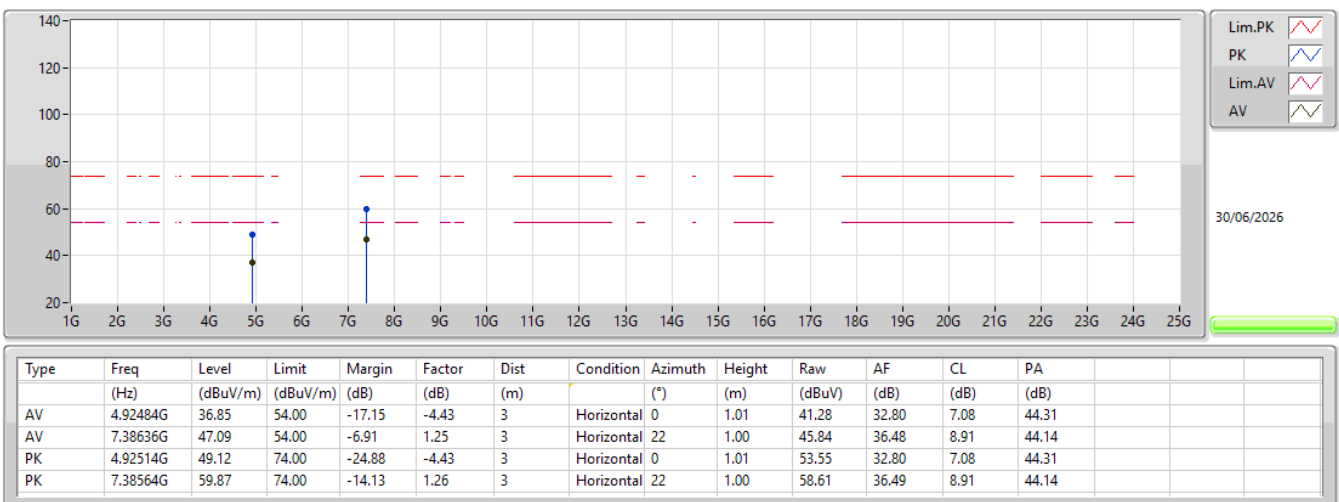
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



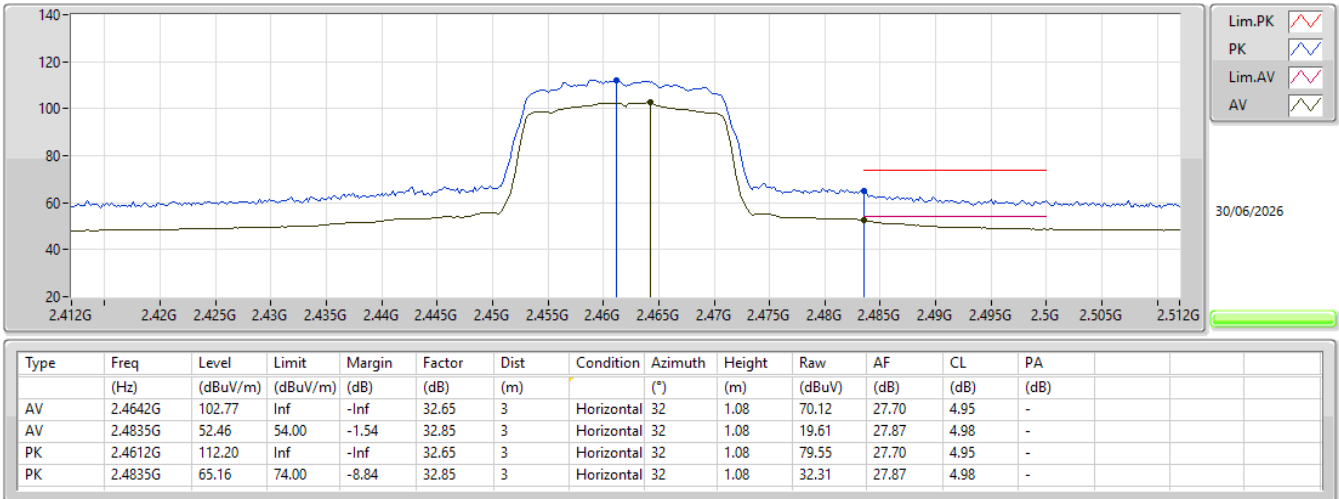
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



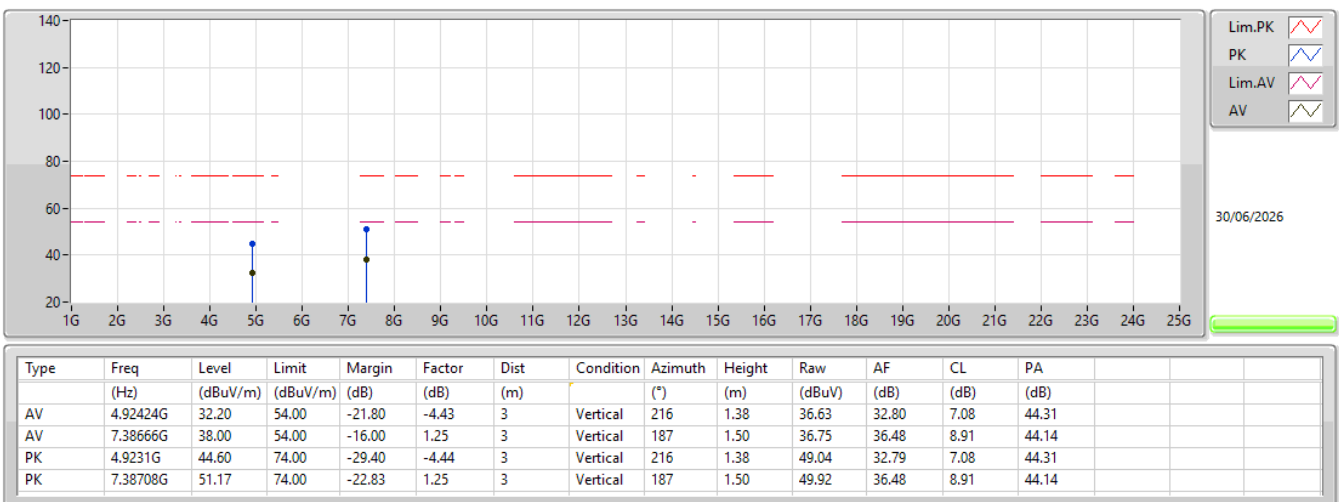
2.4-2.4835GHz_VHT20_Nss2,(MCS0)_2TX

2462MHz_TX



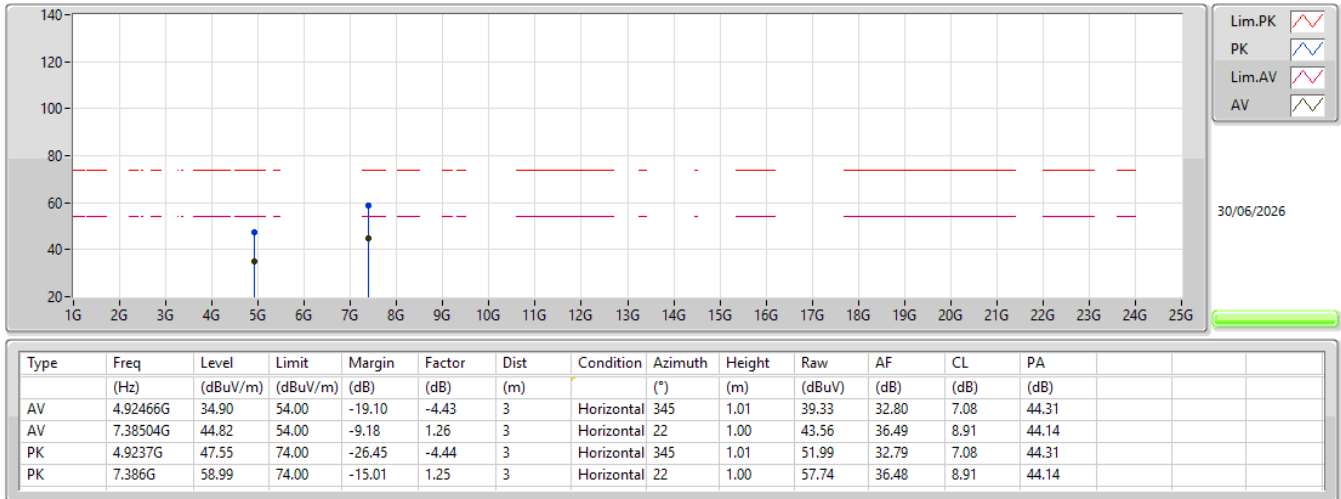
2.4-2.4835GHz_VHT20_Nss2,(MCS0)_2TX

2462MHz_TX



2.4-2.4835GHz_VHT20_Nss2,(MCS0)_2TX

2462MHz_TX





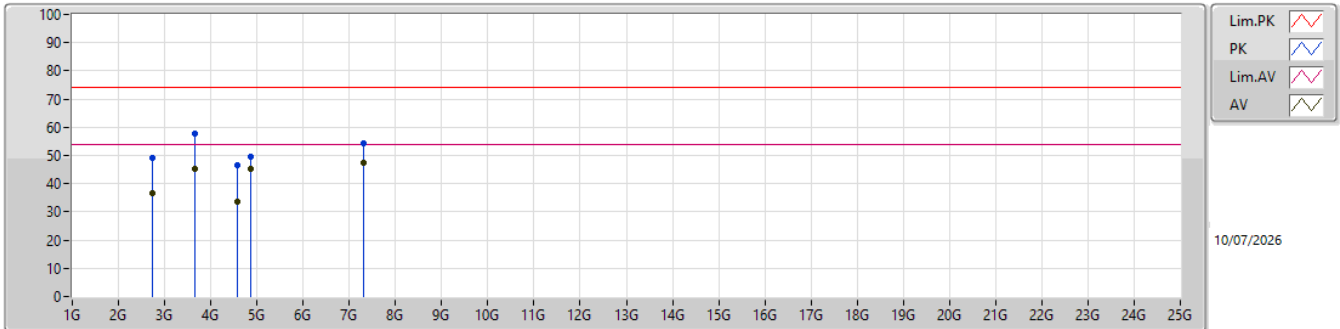
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	7.31368G	48.38	54.00	-5.62	Horizontal
Mode 2	Pass	AV	3.65943G	45.67	54.00	-8.33	Horizontal

Result

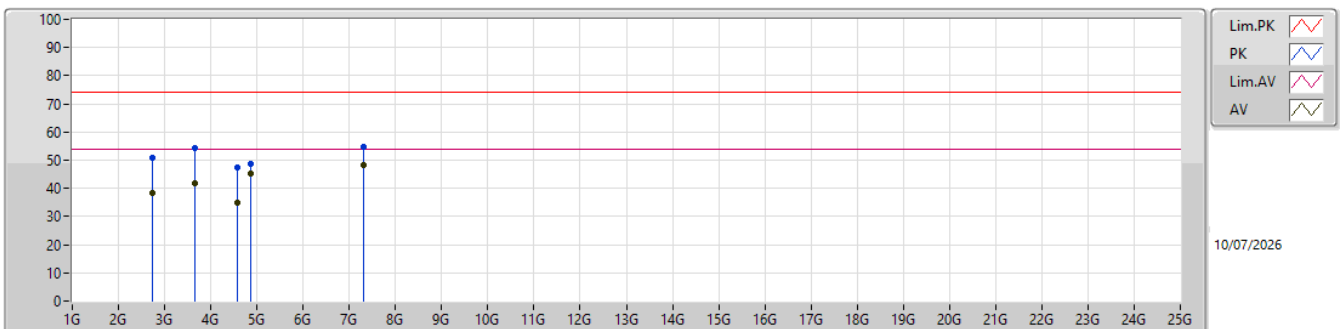
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	2.74458G	36.49	54.00	-17.51	3	Vertical	150	1.50
Mode 1	Pass	AV	3.65952G	45.08	54.00	-8.92	3	Vertical	62	2.76
Mode 1	Pass	AV	4.57454G	33.62	54.00	-20.38	3	Vertical	40	2.61
Mode 1	Pass	AV	4.87396G	45.35	54.00	-8.65	3	Vertical	297	1.01
Mode 1	Pass	AV	7.30872G	47.49	54.00	-6.51	3	Vertical	349	1.01
Mode 1	Pass	PK	2.74458G	49.26	74.00	-24.74	3	Vertical	150	1.50
Mode 1	Pass	PK	3.65952G	57.85	74.00	-16.15	3	Vertical	62	2.76
Mode 1	Pass	PK	4.57454G	46.39	74.00	-27.61	3	Vertical	40	2.61
Mode 1	Pass	PK	4.87392G	49.37	74.00	-24.63	3	Vertical	297	1.01
Mode 1	Pass	PK	7.31012G	54.25	74.00	-19.75	3	Vertical	349	1.01
Mode 1	Pass	AV	2.74478G	38.19	54.00	-15.81	3	Horizontal	355	2.70
Mode 1	Pass	AV	3.65968G	41.71	54.00	-12.29	3	Horizontal	34	1.20
Mode 1	Pass	AV	4.57458G	34.80	54.00	-19.20	3	Horizontal	291	1.01
Mode 1	Pass	AV	4.874G	45.15	54.00	-8.85	3	Horizontal	99	344
Mode 1	Pass	AV	7.31368G	48.38	54.00	-5.62	3	Horizontal	11	1.00
Mode 1	Pass	PK	2.74478G	50.96	74.00	-23.04	3	Horizontal	355	2.70
Mode 1	Pass	PK	3.65968G	54.48	74.00	-19.52	3	Horizontal	34	1.20
Mode 1	Pass	PK	4.57458G	47.57	74.00	-26.43	3	Horizontal	291	1.01
Mode 1	Pass	PK	4.87396G	48.89	74.00	-25.11	3	Horizontal	99	344
Mode 1	Pass	PK	7.31276G	54.82	74.00	-19.18	3	Horizontal	11	1.00
Mode 2	Pass	AV	2.74453G	41.52	54.00	-12.48	3	Vertical	333	1.01
Mode 2	Pass	AV	3.65968G	44.52	54.00	-9.48	3	Vertical	69	1.01
Mode 2	Pass	AV	4.57479G	35.32	54.00	-18.68	3	Vertical	121	1.01
Mode 2	Pass	PK	2.74453G	54.29	74.00	-19.71	3	Vertical	333	1.01
Mode 2	Pass	PK	3.65968G	57.29	74.00	-16.71	3	Vertical	69	1.01
Mode 2	Pass	PK	4.57479G	48.09	74.00	-25.91	3	Vertical	121	1.01
Mode 2	Pass	PK	10.36293G	57.37	68.20	-10.83	3	Vertical	4	1.14
Mode 2	Pass	AV	2.74483G	39.79	54.00	-14.21	3	Horizontal	99	1.00
Mode 2	Pass	AV	3.65943G	45.67	54.00	-8.33	3	Horizontal	160	1.07
Mode 2	Pass	AV	4.57454G	39.40	54.00	-14.60	3	Horizontal	153	2.81
Mode 2	Pass	PK	2.74483G	52.56	74.00	-21.44	3	Horizontal	99	1.00
Mode 2	Pass	PK	3.65943G	58.44	74.00	-15.56	3	Horizontal	160	1.07
Mode 2	Pass	PK	4.57454G	52.17	74.00	-21.83	3	Horizontal	153	2.81
Mode 2	Pass	PK	10.35807G	56.03	68.20	-12.17	3	Horizontal	173	1.22

Radiated Emissions above 1GHz_Mode 1



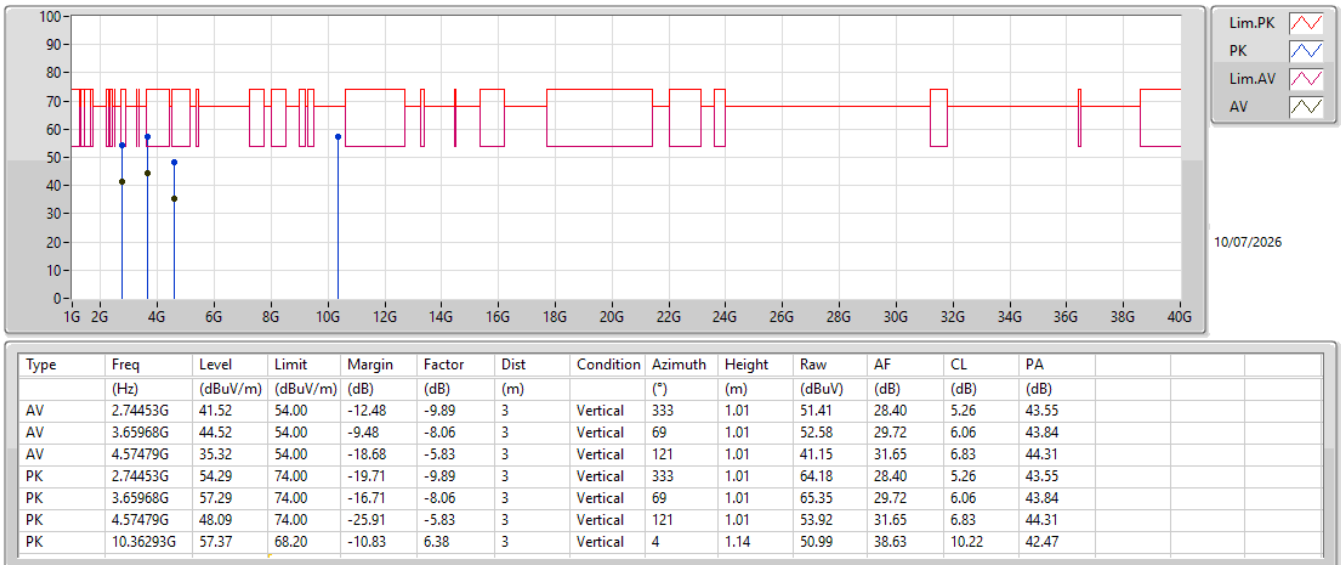
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.74458G	36.49	54.00	-17.51	-9.89	3	Vertical	150	1.50	46.38	28.40	5.26	43.55
AV	3.65952G	45.08	54.00	-8.92	-8.06	3	Vertical	62	2.76	53.14	29.72	6.06	43.84
AV	4.57454G	33.62	54.00	-20.38	-5.83	3	Vertical	40	2.61	39.45	31.65	6.83	44.31
AV	4.87396G	45.35	54.00	-8.65	-4.42	3	Vertical	297	1.01	49.77	32.85	7.04	44.31
AV	7.30872G	47.49	54.00	-6.51	1.66	3	Vertical	349	1.01	45.83	37.03	8.83	44.20
PK	2.74458G	49.26	74.00	-24.74	-9.89	3	Vertical	150	1.50	59.15	28.40	5.26	43.55
PK	3.65952G	57.85	74.00	-16.15	-8.06	3	Vertical	62	2.76	65.91	29.72	6.06	43.84
PK	4.57454G	46.39	74.00	-27.61	-5.83	3	Vertical	40	2.61	52.22	31.65	6.83	44.31
PK	4.87392G	49.37	74.00	-24.63	-4.42	3	Vertical	297	1.01	53.79	32.85	7.04	44.31
PK	7.31012G	54.25	74.00	-19.75	1.65	3	Vertical	349	1.01	52.60	37.02	8.83	44.20

Radiated Emissions above 1GHz_Mode 1



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	2.74478G	38.19	54.00	-15.81	-9.89	3	Horizontal	355	2.70	48.08	28.40	5.26	43.55
AV	3.65968G	41.71	54.00	-12.29	-8.06	3	Horizontal	34	1.20	49.77	29.72	6.06	43.84
AV	4.57458G	34.80	54.00	-19.20	-5.83	3	Horizontal	291	1.01	40.63	31.65	6.83	44.31
AV	4.874G	45.15	54.00	-8.85	-4.42	3	Horizontal	99	344	49.57	32.85	7.04	44.31
AV	7.31368G	48.38	54.00	-5.62	1.62	3	Horizontal	11	1.00	46.76	36.99	8.83	44.20
PK	2.74478G	50.96	74.00	-23.04	-9.89	3	Horizontal	355	2.70	60.85	28.40	5.26	43.55
PK	3.65968G	54.48	74.00	-19.52	-8.06	3	Horizontal	34	1.20	62.54	29.72	6.06	43.84
PK	4.57458G	47.57	74.00	-26.43	-5.83	3	Horizontal	291	1.01	53.40	31.65	6.83	44.31
PK	4.87396G	48.89	74.00	-25.11	-4.42	3	Horizontal	99	344	53.31	32.85	7.04	44.31
PK	7.31276G	54.82	74.00	-19.18	1.63	3	Horizontal	11	1.00	53.19	37.00	8.83	44.20

Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

