



FCC Radio Test Report

FCC ID : PPQ-WCBN3605L
Equipment : 802.11b/g/n 1Tx1R + BT5.0 IOT Combo Module
Brand Name : LITEON
Model Name : RIGEL
Applicant : LITE-ON Technology Corp.
Bldg. C, 90, Chien 1 Road, Chung Ho, New Taipei City
23585, Taiwan, R.O.C
Manufacturer : LITE-ON Technology (Changzhou) CO.LTD
A9 Building, No.88 Yanghu Road, Wujin Hi-Tech
Industrial Development Zone, Changzhou City,
Jiangsu Province 213100 China
Standard : 47 CFR FCC Part 15.247

The product was received on Jul. 27, 2023, and testing was started from Aug. 01, 2023 and completed on Aug. 11, 2023. 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 C63.10-2013 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
FR371404AC	01	Initial issue of report	Aug. 28, 2023

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: Sam Tsai

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	Cable length	Support
1	LITEON	WCBN3605L	Printed Ant	N/A	N/A	2.4G+BT
2	LITEON	WCBN3605L	Printed Ant	N/A	N/A	2.4G+BT
3	MOLEX	2167990001	PIFA	Fakra	N/A	2.4G+BT
4	MOLEX	1461530050	PIFA	I-PEX	50 mm	2.4G+BT
5	MOLEX	1461530100	PIFA	I-PEX	100 mm	2.4G+BT
6	MOLEX	1461530150	PIFA	I-PEX	150 mm	2.4G+BT
7	MOLEX	1461530200	PIFA	I-PEX	200 mm	2.4G+BT
8	MOLEX	1461530250	PIFA	I-PEX	250 mm	2.4G+BT
9	MOLEX	1461530300	PIFA	I-PEX	300 mm	2.4G+BT

Ant.	Gain (dBi)	
	2.4G	BT
1	2.06	2.06
2	2.1	2.1
3	2.4	2.4
4	3.2	3.2
5	3.0	3.0
6	2.8	2.8
7	2.6	2.6
8	2.4	2.4
9	2.2	2.2

Note 1: The EUT has nine antennas.

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

For 2.4GHz function:

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

Ant. 1/Ant. 2/Ant. 3/Ant. 4/Ant. 5/Ant. 6/Ant. 7/Ant. 8/Ant. 9 could transmit/receive.

For BT function:

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

Ant. 1/Ant. 2/Ant. 3/Ant. 4/Ant. 5/Ant. 6/Ant. 7/Ant. 8/Ant. 9 could transmit/receive.

**1.1.3 EUT Information**

Operational Condition			
EUT Power Type	From test fixture		
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) $\geq 1/T$
802.11b_Nss1,(1Mbps)_1TX	0.99	0.04	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g_Nss1,(6Mbps)_1TX	0.943	0.25	2.068m	1k
802.11n HT20_Nss1,(MCS0)_1TX	0.937	0.28	1.923m	1k

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel Lin	23.4~24.5°C / 57~62%	03/Aug/2023
RF Conducted	TH07-HY	Xie Xun	23.1~24.2°C / 48~53%	11/Aug/2023
Radiated (Co-location)	03CH02-HY	Vasari Huang	23.3~23.7°C / 53~55%	04/Aug/2023
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Henry Ho	23.2~23.4°C / 51~53%	01/Aug/2023~10/Aug/2023

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	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Tera Term_v4.76
Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	118
2417MHz	119
2437MHz	123
2457MHz	125
2462MHz	120
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	103
2417MHz	111
2437MHz	111
2457MHz	106
2462MHz	97
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	98
2417MHz	103
2437MHz	111
2457MHz	100
2462MHz	99

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	Test Fixture 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	Test Fixture mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (PIFA/Print)		



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	2.4G PIFA+BT PIFA
2	2.4G Print+BT Print
3	2.4G PIFA+BT Print
4	2.4G Print+BT PIFA
Refer to Sporton Test Report No.: FA371404 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Support Equipment

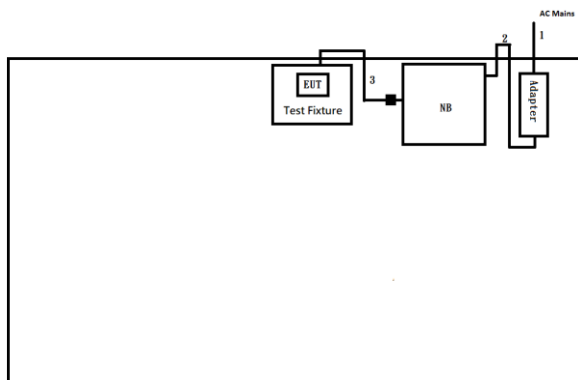
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter (for NB)	HP	HSTNN-CA40	-	-
3	USB cable	CHANG XIN	E344713	-	-
4	Core	Kingcore	KCF-130	-	-
5	Fixture	-	-	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	USB cable	CHANG XIN	E344713	-	-
4	Fixture	-	-	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter (for NB)	HP	HSTNN-CA40	-	-
3	USB cable	CHANG XIN	E344713	-	-
4	Core	Kingcore	KCF-130	-	-
5	Fixture	-	-	-	-

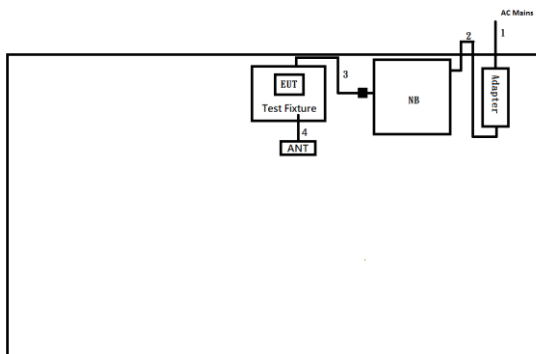
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Print)

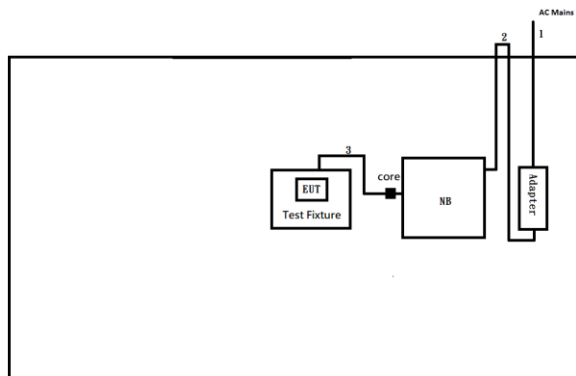


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	USB cable	No	0.5	-

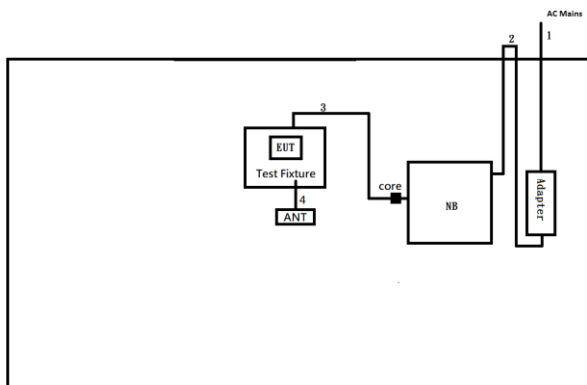
Test Setup Diagram – AC Line Conducted Emission Test (PIFA)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	USB cable	No	0.5	-
4	RF cable	No	0.05	-

Test Setup Diagram - Radiated Test (Print)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	USB cable	No	0.5	-

Test Setup Diagram - Radiated Test (PIFA)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	USB cable	No	0.5	-
4	RF cable	No	0.05	-

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

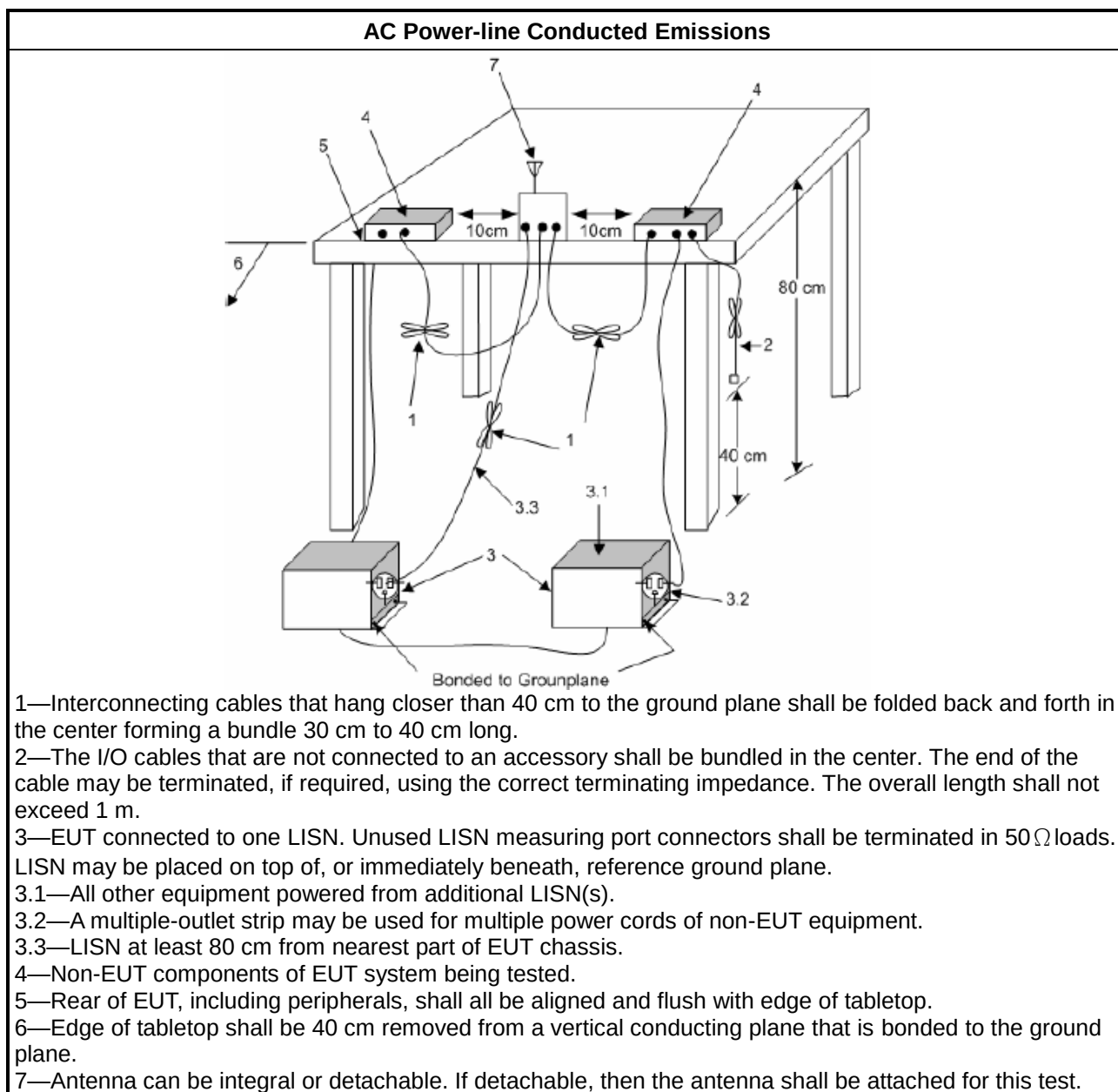
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

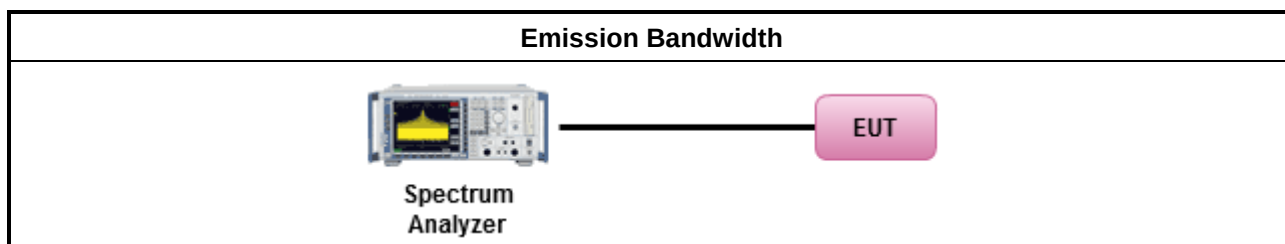
3.2.2 Measuring Instruments

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

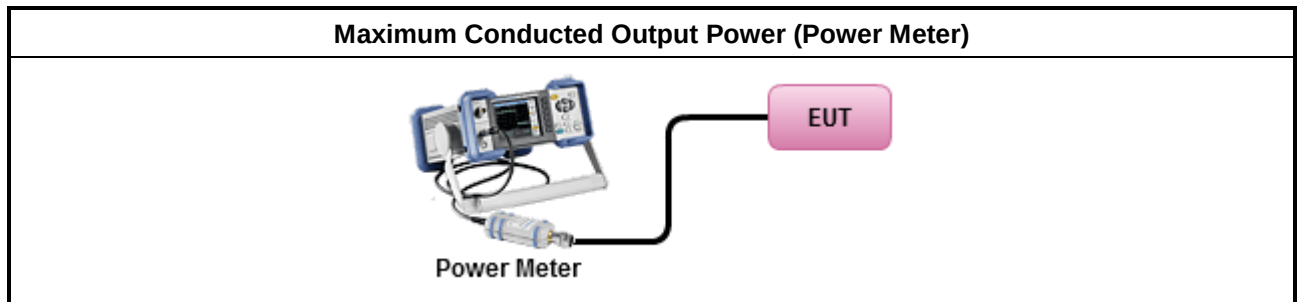
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 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

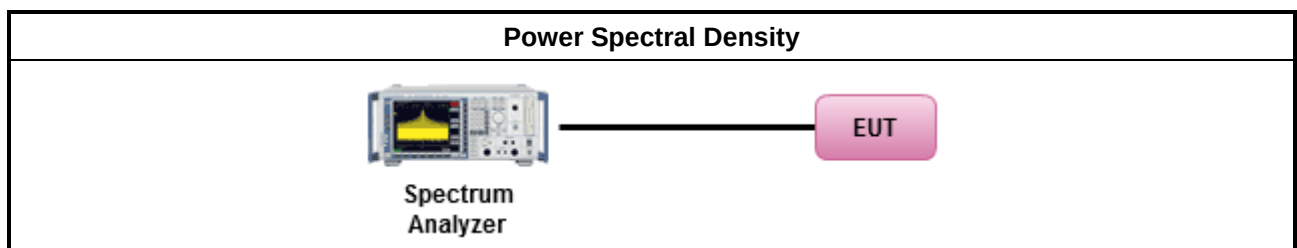
3.4.2 Measuring Instruments

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.	

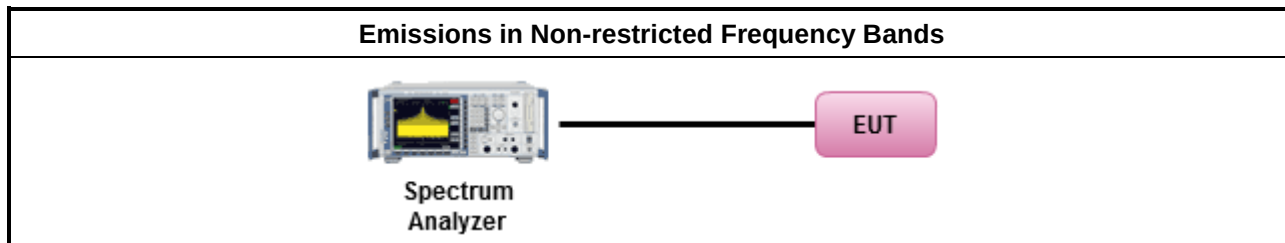
3.5.2 Measuring Instruments

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

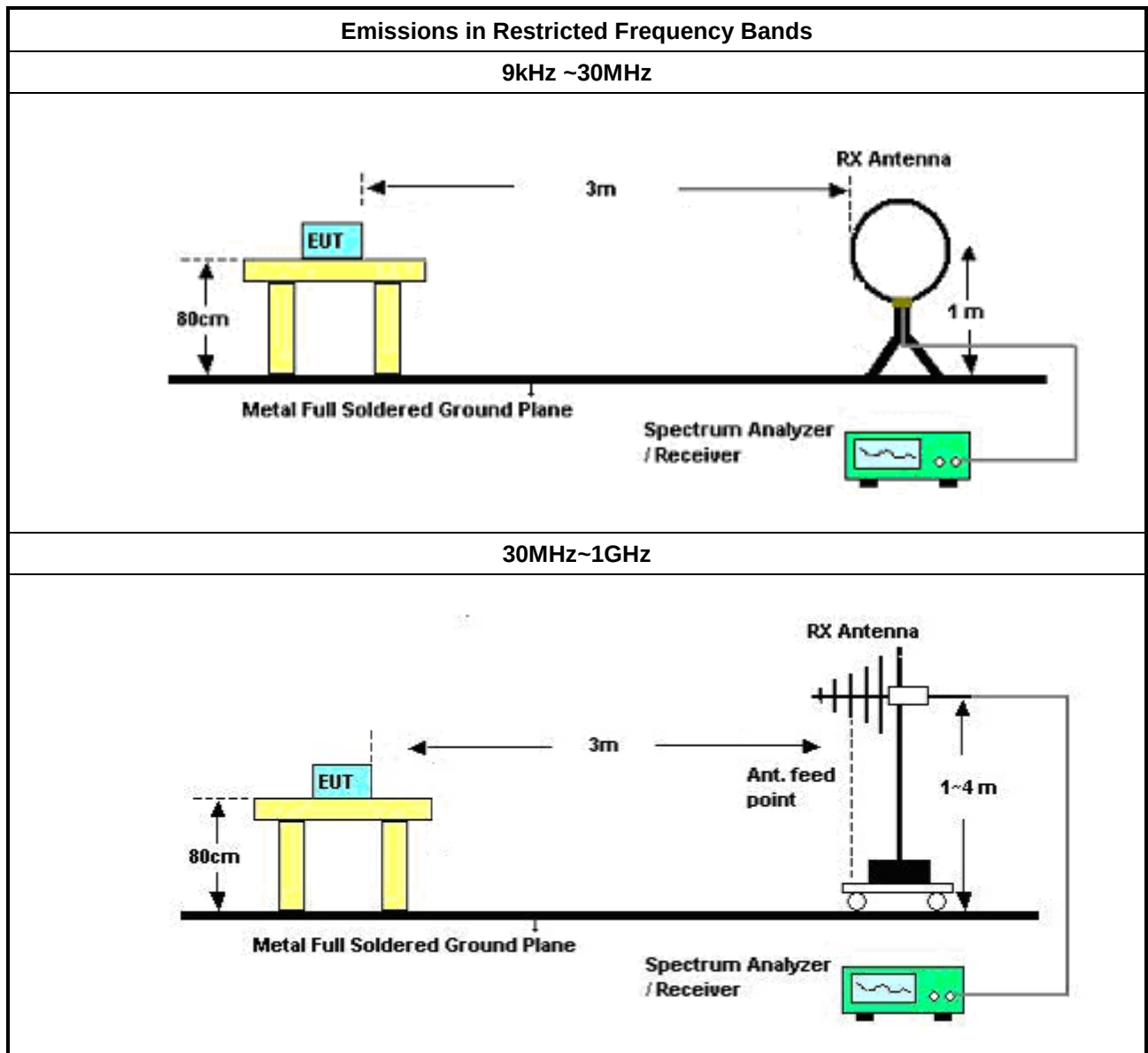
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

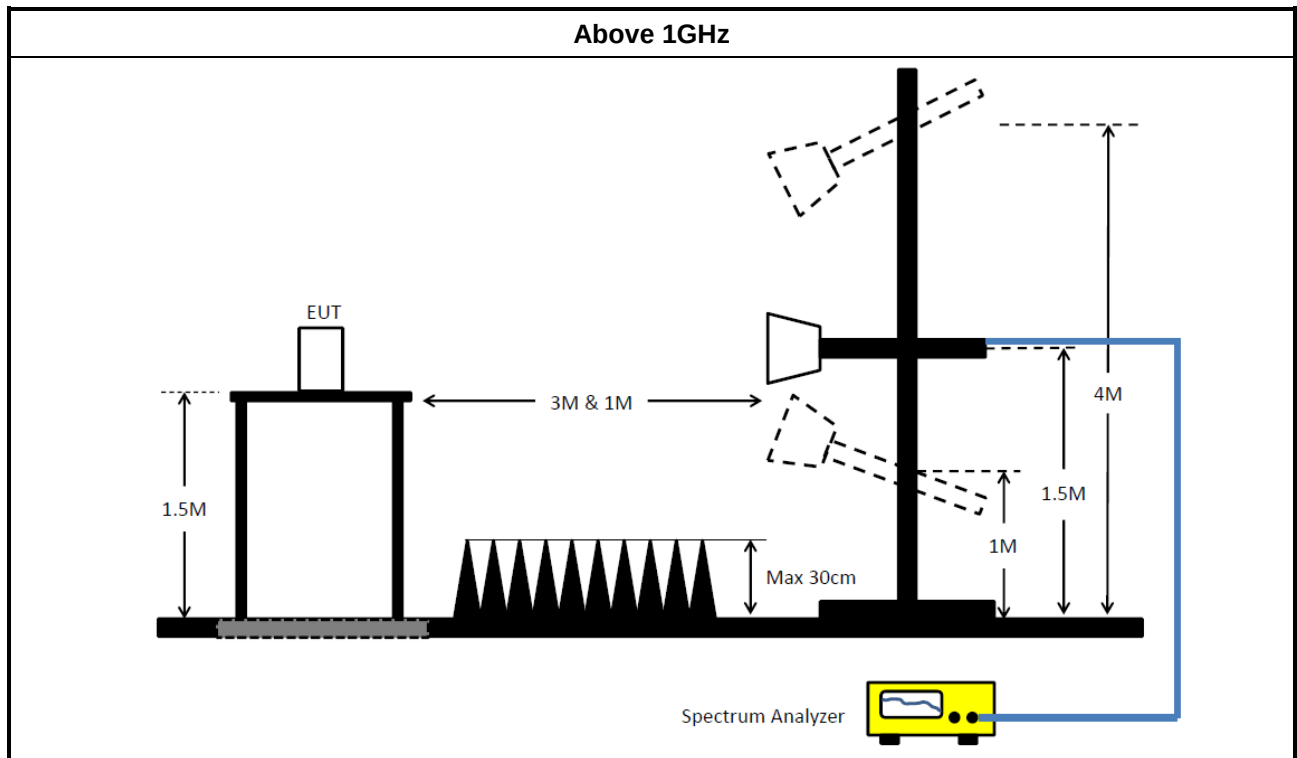
3.6.4 Measurement Results Calculation

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	R&S	ESR	102318	9kHz ~ 3.6GHz	29/Dec/2022	28/Dec/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	16/Feb/2023	15/Feb/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.11.3	-	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	101515	9kHz~40GHz	14/Feb/2023	13/Feb/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15247_DTS	Sporton	V5.11.7	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
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	14/Mar/2023	13/Mar/2024
N.S.A. Measurement	TDK	SAC-3M	03CH09-HY	30 MHz ~ 1 GHz 3m	15/Mar/2023	14/Mar/2024
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	21/Jul/2023	20/Jul/2024
Preamplifier	EMCI	EMC9135	980232	9kHz~1GHz	07/Apr/2023	06/Apr/2024
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	30/Dec/2022	29/Dec/2023
RF Cable-low	HUBER+SUHNE R	SUCOFLEX104	03CH09-cable-01	9kHz~1GHz	21/Feb/2023	20/Feb/2024
RF CABLE 5m+3m+1m	HUBER+SUHNE R	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	21/Feb/2023	20/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	26/May/2023	25/May/2024
SENSE-15247_DTS	Sporton	Sporton	V5.11.7.0	NA	NA	NA

Instrument for Radiated Test (Co-loaction)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	29/Jul/2023	28/Jul/2024
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNE R	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A



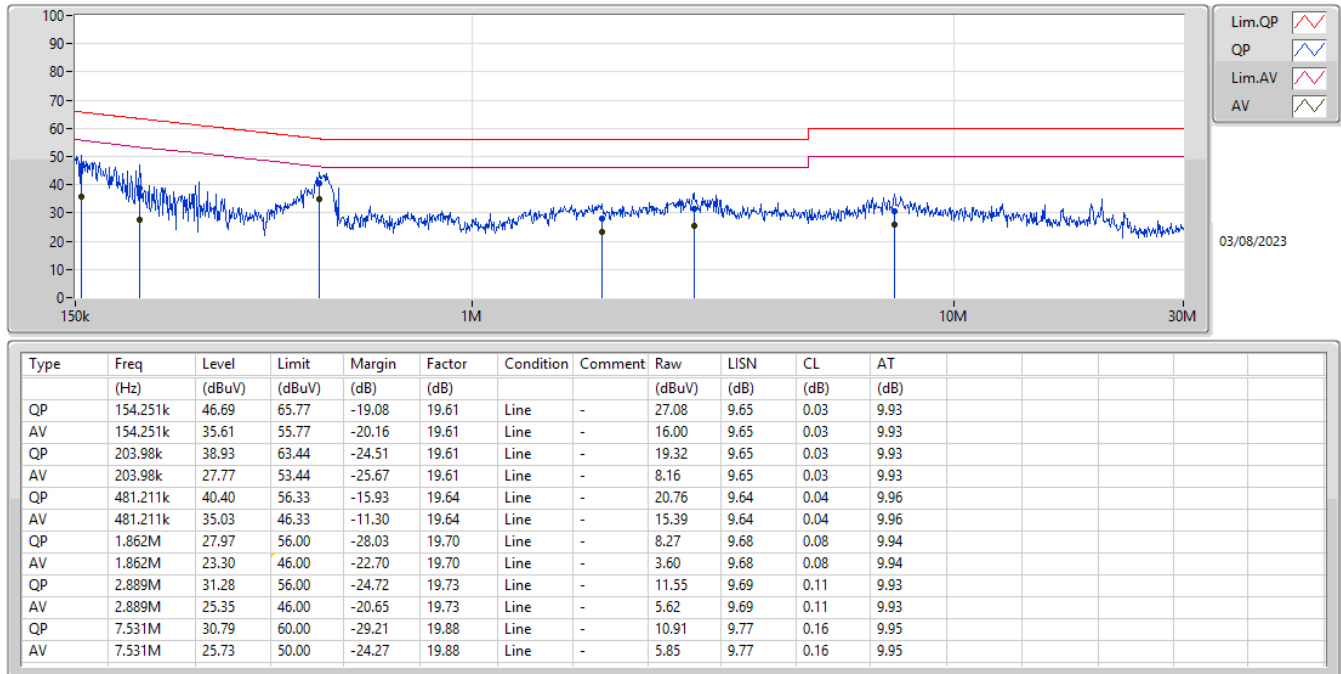
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	481.211k	35.03	46.33	-11.30	Line

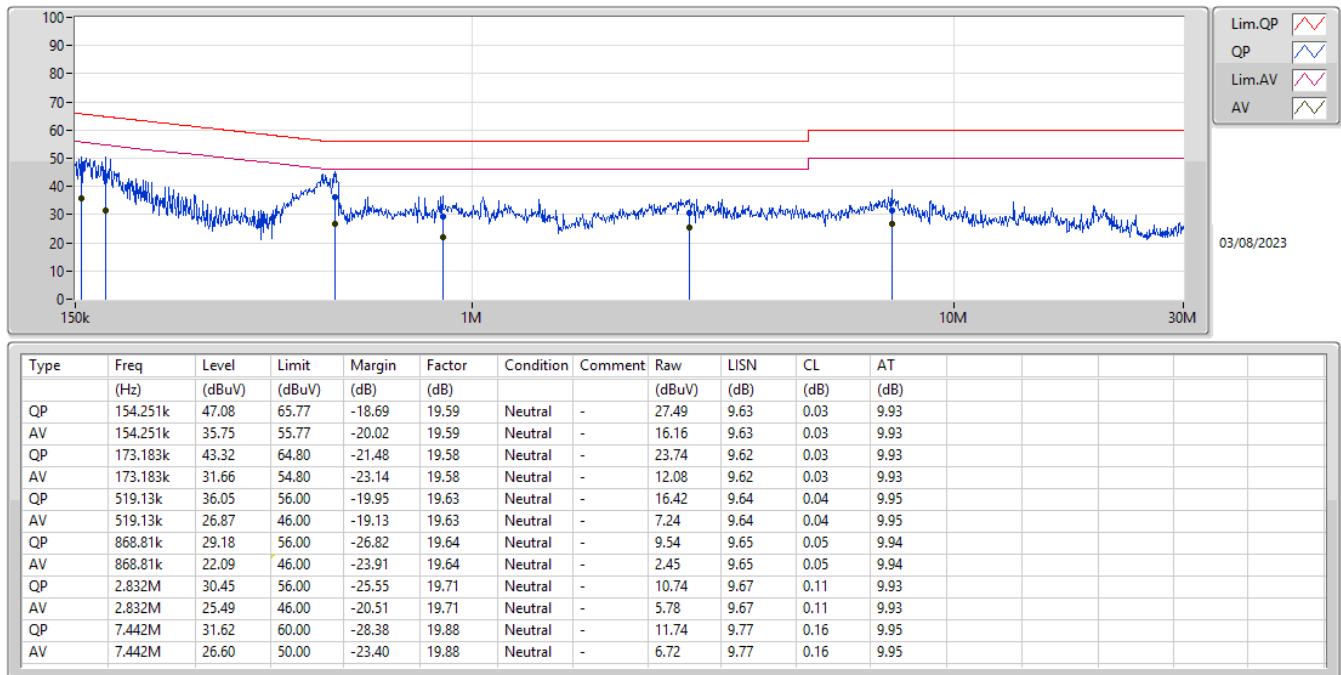
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.251k	46.69	65.77	-19.08	Line
Mode 1	Pass	AV	154.251k	35.61	55.77	-20.16	Line
Mode 1	Pass	QP	203.98k	38.93	63.44	-24.51	Line
Mode 1	Pass	AV	203.98k	27.77	53.44	-25.67	Line
Mode 1	Pass	QP	481.211k	40.40	56.33	-15.93	Line
Mode 1	Pass	AV	481.211k	35.03	46.33	-11.30	Line
Mode 1	Pass	QP	1.862M	27.97	56.00	-28.03	Line
Mode 1	Pass	AV	1.862M	23.30	46.00	-22.70	Line
Mode 1	Pass	QP	2.889M	31.28	56.00	-24.72	Line
Mode 1	Pass	AV	2.889M	25.35	46.00	-20.65	Line
Mode 1	Pass	QP	7.531M	30.79	60.00	-29.21	Line
Mode 1	Pass	AV	7.531M	25.73	50.00	-24.27	Line
Mode 1	Pass	QP	154.251k	47.08	65.77	-18.69	Neutral
Mode 1	Pass	AV	154.251k	35.75	55.77	-20.02	Neutral
Mode 1	Pass	QP	173.183k	43.32	64.80	-21.48	Neutral
Mode 1	Pass	AV	173.183k	31.66	54.80	-23.14	Neutral
Mode 1	Pass	QP	519.13k	36.05	56.00	-19.95	Neutral
Mode 1	Pass	AV	519.13k	26.87	46.00	-19.13	Neutral
Mode 1	Pass	QP	868.81k	29.18	56.00	-26.82	Neutral
Mode 1	Pass	AV	868.81k	22.09	46.00	-23.91	Neutral
Mode 1	Pass	QP	2.832M	30.45	56.00	-25.55	Neutral
Mode 1	Pass	AV	2.832M	25.49	46.00	-20.51	Neutral
Mode 1	Pass	QP	7.442M	31.62	60.00	-28.38	Neutral
Mode 1	Pass	AV	7.442M	26.60	50.00	-23.40	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





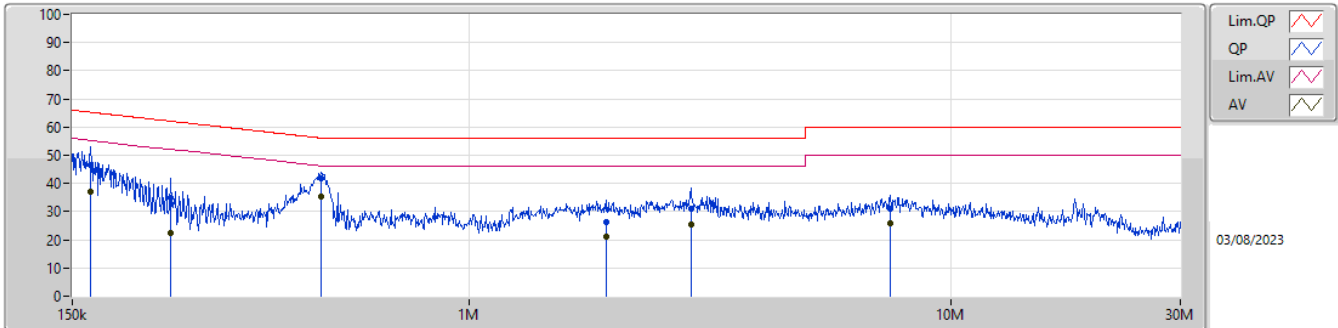
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	492.876k	35.53	46.11	-10.58	Line

Result

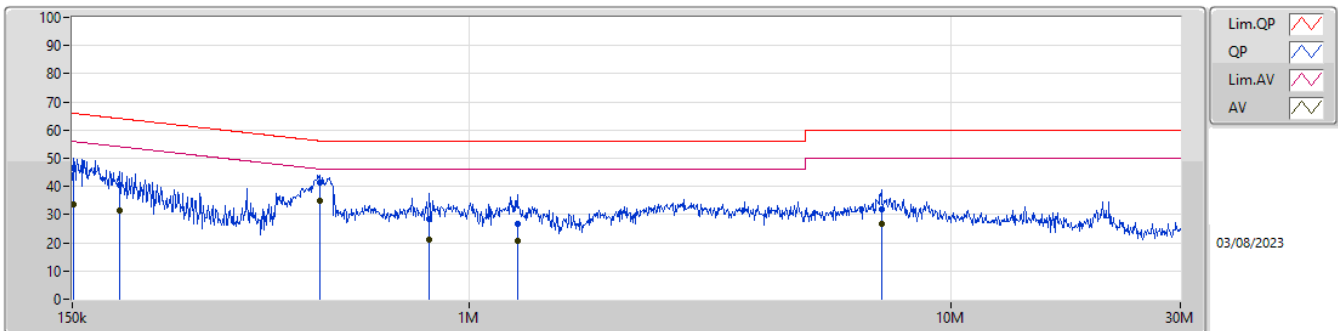
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	163.769k	46.51	65.27	-18.76	Line
Mode 1	Pass	AV	163.769k	37.28	55.27	-17.99	Line
Mode 1	Pass	QP	240.253k	34.95	62.08	-27.13	Line
Mode 1	Pass	AV	240.253k	22.42	52.08	-29.66	Line
Mode 1	Pass	QP	492.876k	41.68	56.11	-14.43	Line
Mode 1	Pass	AV	492.876k	35.53	46.11	-10.58	Line
Mode 1	Pass	QP	1.923M	26.24	56.00	-29.76	Line
Mode 1	Pass	AV	1.923M	21.21	46.00	-24.79	Line
Mode 1	Pass	QP	2.889M	31.04	56.00	-24.96	Line
Mode 1	Pass	AV	2.889M	25.42	46.00	-20.58	Line
Mode 1	Pass	QP	7.501M	30.86	60.00	-29.14	Line
Mode 1	Pass	AV	7.501M	25.69	50.00	-24.31	Line
Mode 1	Pass	QP	151.202k	46.37	65.92	-19.55	Neutral
Mode 1	Pass	AV	151.202k	33.72	55.92	-22.20	Neutral
Mode 1	Pass	QP	188.327k	40.60	64.11	-23.51	Neutral
Mode 1	Pass	AV	188.327k	31.44	54.11	-22.67	Neutral
Mode 1	Pass	QP	488.957k	41.43	56.19	-14.76	Neutral
Mode 1	Pass	AV	488.957k	35.06	46.19	-11.13	Neutral
Mode 1	Pass	QP	828.172k	28.31	56.00	-27.69	Neutral
Mode 1	Pass	AV	828.172k	21.12	46.00	-24.88	Neutral
Mode 1	Pass	QP	1.259M	26.82	56.00	-29.18	Neutral
Mode 1	Pass	AV	1.259M	20.70	46.00	-25.30	Neutral
Mode 1	Pass	QP	7.179M	31.70	60.00	-28.30	Neutral
Mode 1	Pass	AV	7.179M	26.57	50.00	-23.43	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.769k	46.51	65.27	-18.76	19.61	Line	-	26.90	9.65	0.03	9.93						
AV	163.769k	37.28	55.27	-17.99	19.61	Line	-	17.67	9.65	0.03	9.93						
QP	240.253k	34.95	62.08	-27.13	19.62	Line	-	15.33	9.65	0.03	9.94						
AV	240.253k	22.42	52.08	-29.66	19.62	Line	-	2.80	9.65	0.03	9.94						
QP	492.876k	41.68	56.11	-14.43	19.64	Line	-	22.04	9.64	0.04	9.96						
AV	492.876k	35.53	46.11	-10.58	19.64	Line	-	15.89	9.64	0.04	9.96						
QP	1.923M	26.24	56.00	-29.76	19.70	Line	-	6.54	9.68	0.08	9.94						
AV	1.923M	21.21	46.00	-24.79	19.70	Line	-	1.51	9.68	0.08	9.94						
QP	2.889M	31.04	56.00	-24.96	19.73	Line	-	11.31	9.69	0.11	9.93						
AV	2.889M	25.42	46.00	-20.58	19.73	Line	-	5.69	9.69	0.11	9.93						
QP	7.501M	30.86	60.00	-29.14	19.88	Line	-	10.98	9.77	0.16	9.95						
AV	7.501M	25.69	50.00	-24.31	19.88	Line	-	5.81	9.77	0.16	9.95						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	151.202k	46.37	65.92	-19.55	19.59	Neutral	-	26.78	9.63	0.03	9.93						
AV	151.202k	33.72	55.92	-22.20	19.59	Neutral	-	14.13	9.63	0.03	9.93						
QP	188.327k	40.60	64.11	-23.51	19.58	Neutral	-	21.02	9.62	0.03	9.93						
AV	188.327k	31.44	54.11	-22.67	19.58	Neutral	-	11.86	9.62	0.03	9.93						
QP	488.957k	41.43	56.11	-14.76	19.63	Neutral	-	21.80	9.63	0.04	9.96						
AV	488.957k	35.06	46.19	-11.13	19.63	Neutral	-	15.43	9.63	0.04	9.96						
QP	828.172k	28.31	56.00	-27.69	19.64	Neutral	-	8.67	9.65	0.05	9.94						
AV	828.172k	21.12	46.00	-24.88	19.64	Neutral	-	1.48	9.65	0.05	9.94						
QP	1.259M	26.82	56.00	-29.18	19.65	Neutral	-	7.17	9.65	0.06	9.94						
AV	1.259M	20.70	46.00	-25.30	19.65	Neutral	-	1.05	9.65	0.06	9.94						
QP	7.179M	31.70	60.00	-28.30	19.87	Neutral	-	11.83	9.76	0.16	9.95						
AV	7.179M	26.57	50.00	-23.43	19.87	Neutral	-	6.70	9.76	0.16	9.95						

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	9.65M	14.738M	14M7G1D	8.225M	14.468M
802.11g_Nss1,(6Mbps)_1TX	16.375M	16.69M	16M7D1D	16.35M	16.426M
802.11n HT20_Nss1,(MCS0)_1TX	17.6M	17.966M	18M0D1D	16.25M	17.616M

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	9.65M	14.468M
2437MHz	Pass	500k	8.225M	14.738M
2462MHz	Pass	500k	9.05M	14.483M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.375M	16.426M
2437MHz	Pass	500k	16.35M	16.69M
2462MHz	Pass	500k	16.35M	16.492M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	16.25M	17.641M
2437MHz	Pass	500k	17.6M	17.966M
2462MHz	Pass	500k	17.6M	17.616M

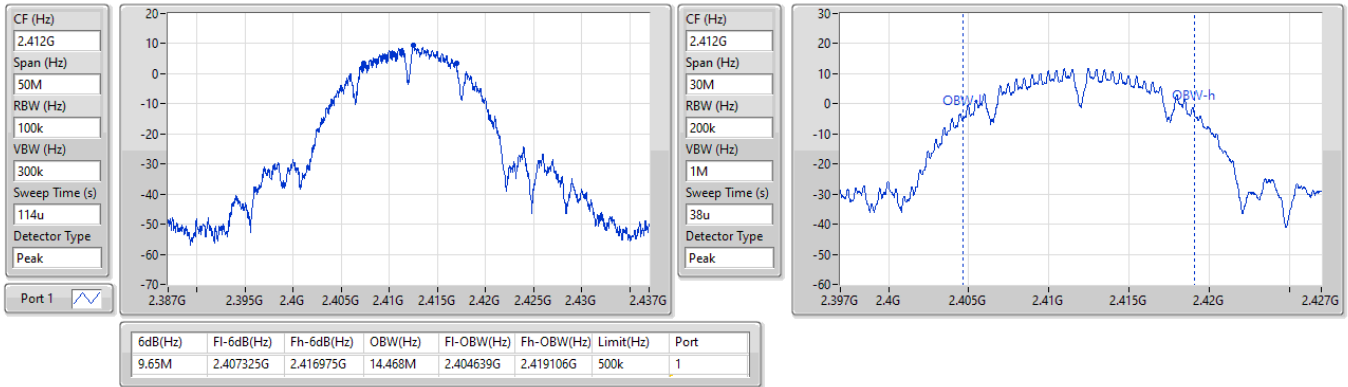
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

11/08/2023

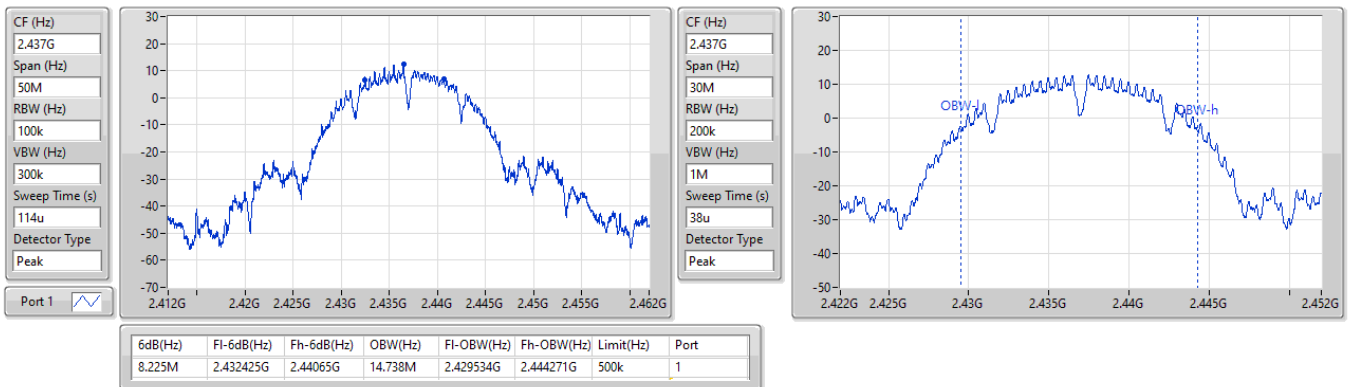


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

11/08/2023

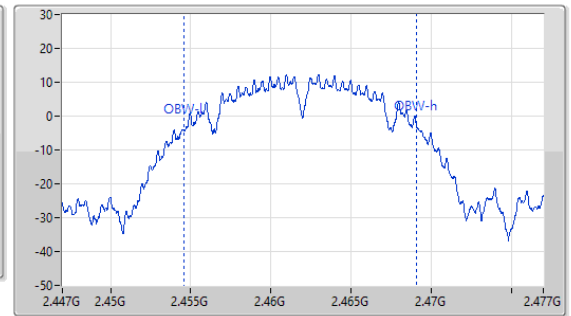
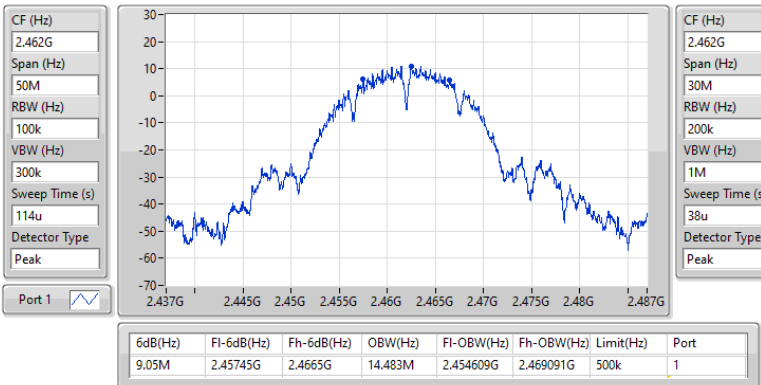


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

11/08/2023

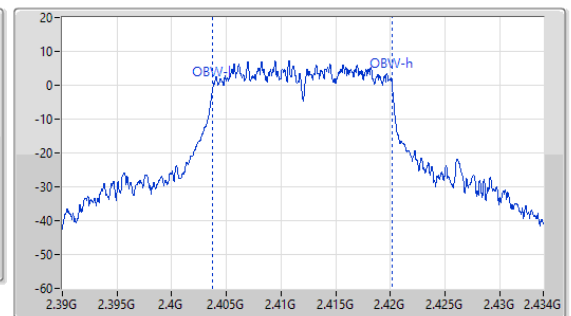
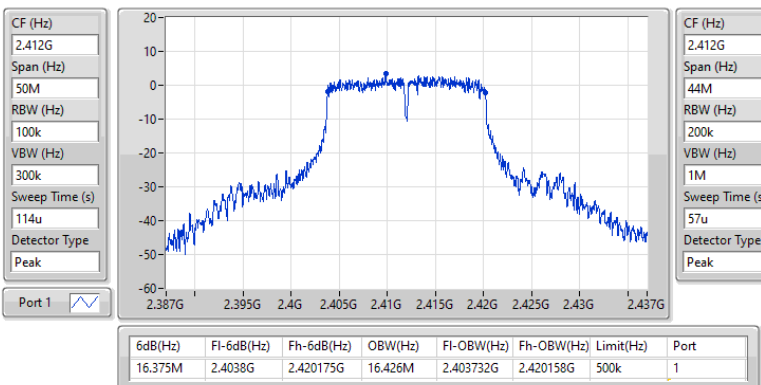


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

11/08/2023

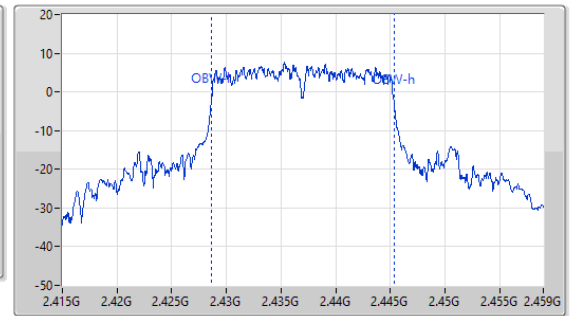
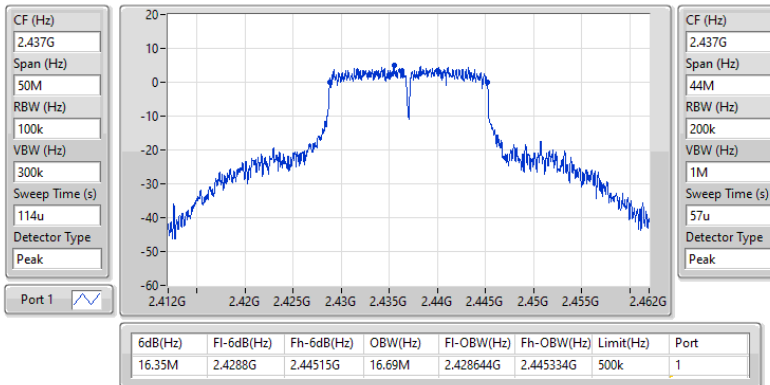


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

11/08/2023

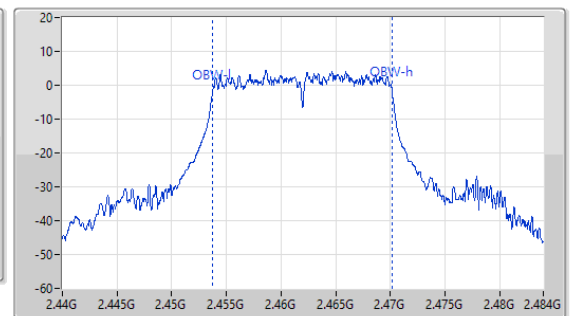
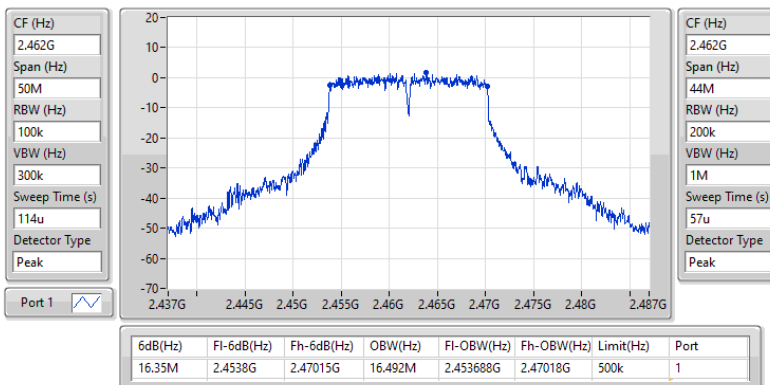


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

11/08/2023

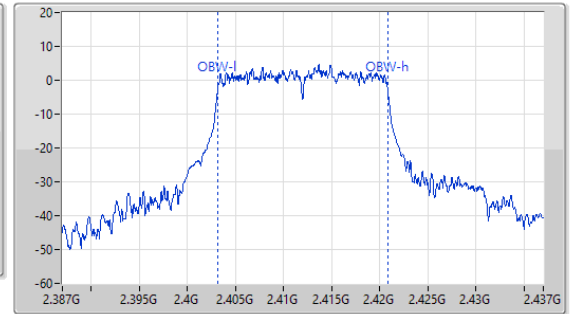
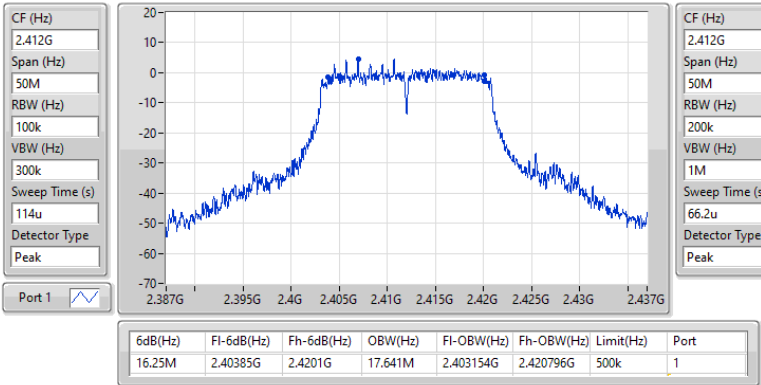


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

11/08/2023

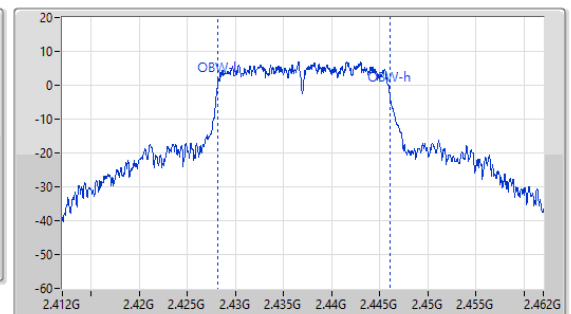
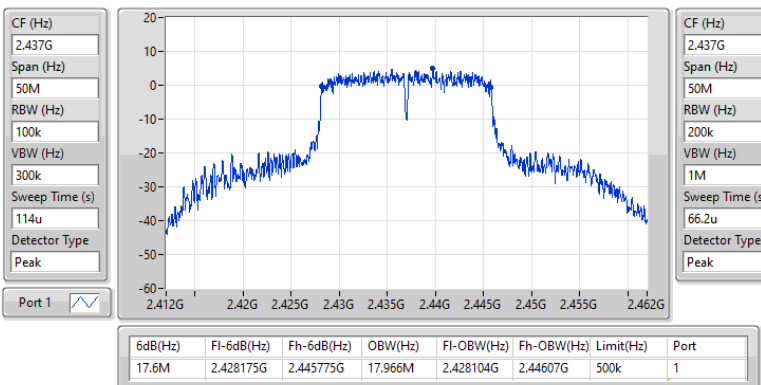


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

11/08/2023

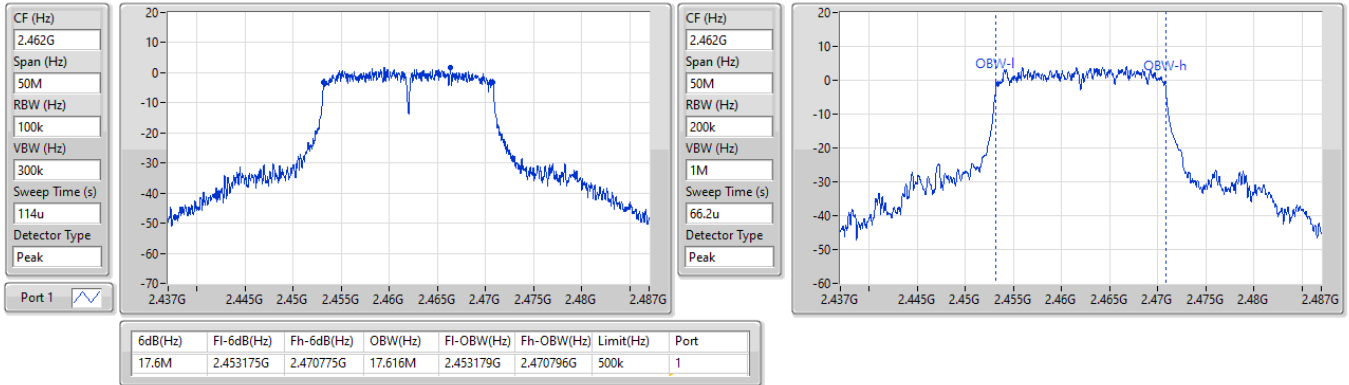


2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

EBW

2462MHz

11/08/2023





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	22.07	0.16106
802.11g_Nss1,(6Mbps)_1TX	19.36	0.08630
802.11n HT20_Nss1,(MCS0)_1TX	19.18	0.08279



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	20.37	20.37	30.00
2417MHz	Pass	3.20	20.57	20.57	30.00
2437MHz	Pass	3.20	21.53	21.53	30.00
2457MHz	Pass	3.20	22.07	22.07	30.00
2462MHz	Pass	3.20	21.09	21.09	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	17.59	17.59	30.00
2417MHz	Pass	3.20	19.22	19.22	30.00
2437MHz	Pass	3.20	19.36	19.36	30.00
2457MHz	Pass	3.20	18.22	18.22	30.00
2462MHz	Pass	3.20	16.14	16.14	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	16.33	16.33	30.00
2417MHz	Pass	3.20	17.47	17.47	30.00
2437MHz	Pass	3.20	19.18	19.18	30.00
2457MHz	Pass	3.20	16.93	16.93	30.00
2462MHz	Pass	3.20	16.40	16.40	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-2.21
802.11g_Nss1,(6Mbps)_1TX	-6.37
802.11n HT20_Nss1,(MCS0)_1TX	-7.04

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	3.20	-4.24	-4.24	8.00
2437MHz	Pass	3.20	-2.21	-2.21	8.00
2462MHz	Pass	3.20	-3.48	-3.48	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	-8.49	-8.49	8.00
2437MHz	Pass	3.20	-6.37	-6.37	8.00
2462MHz	Pass	3.20	-10.22	-10.22	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	-8.87	-8.87	8.00
2437MHz	Pass	3.20	-7.04	-7.04	8.00
2462MHz	Pass	3.20	-9.17	-9.17	8.00

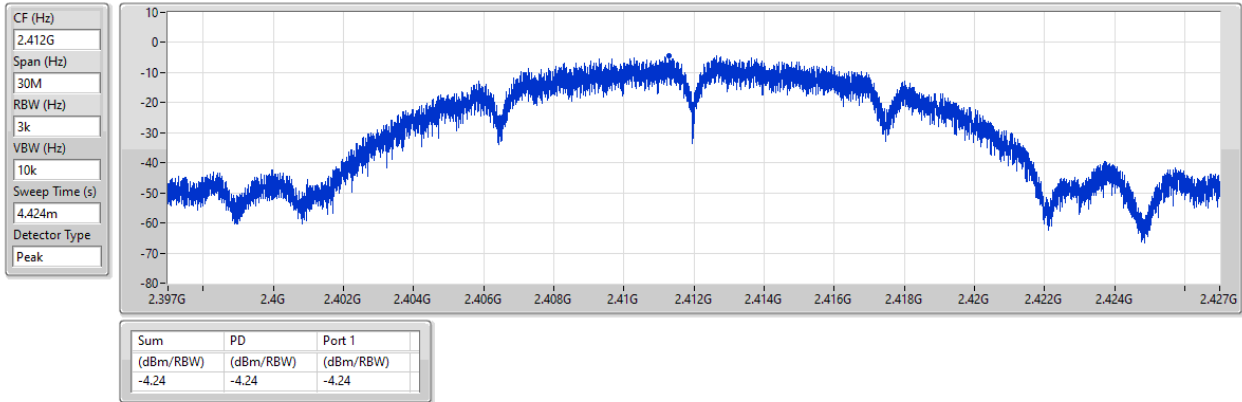
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

PSD

2412MHz

11/08/2023

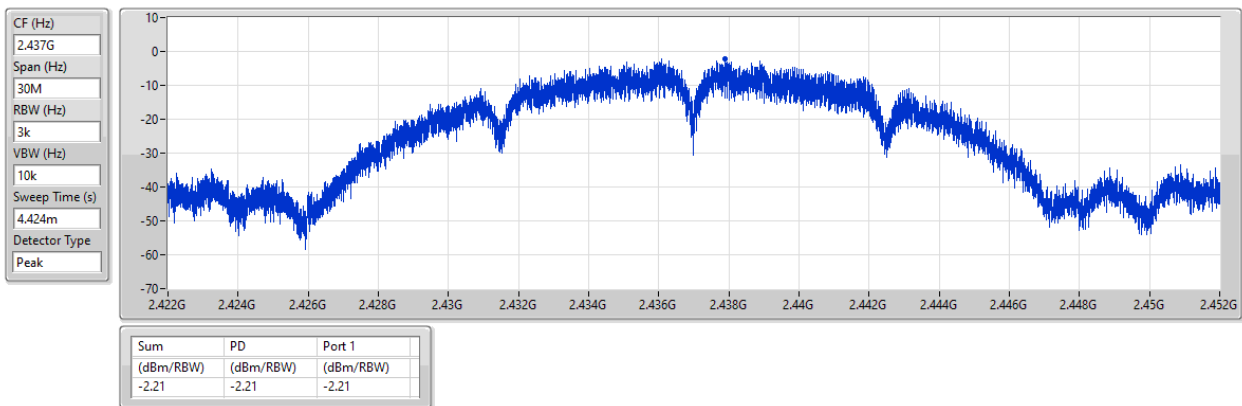


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

11/08/2023

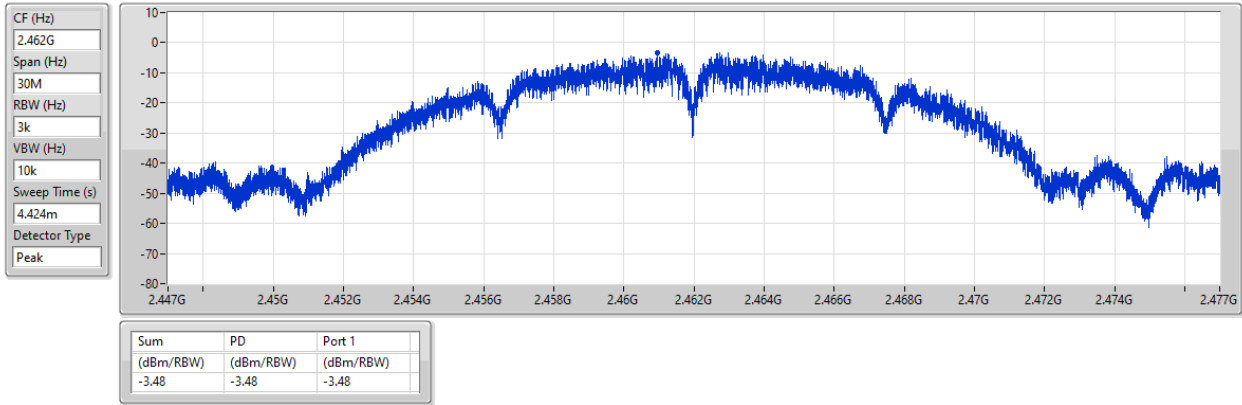


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

11/08/2023

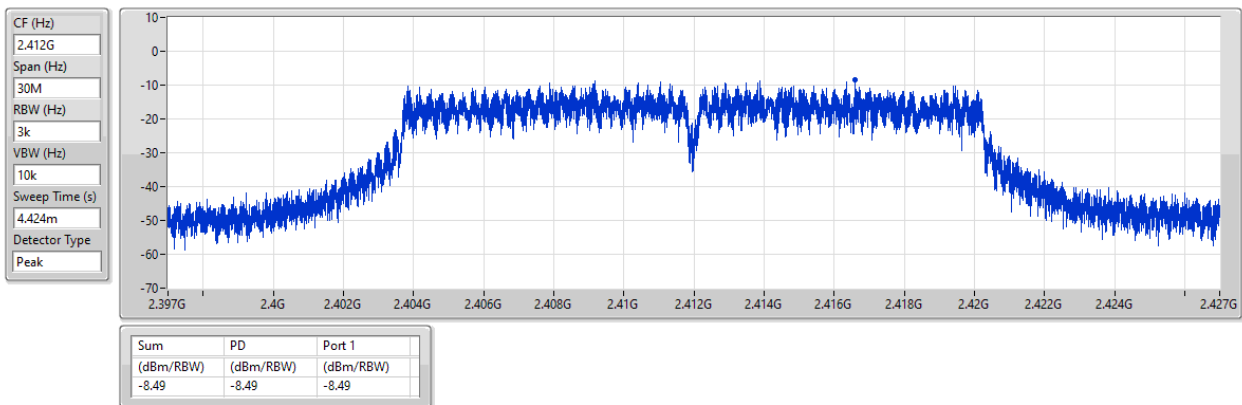


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

11/08/2023

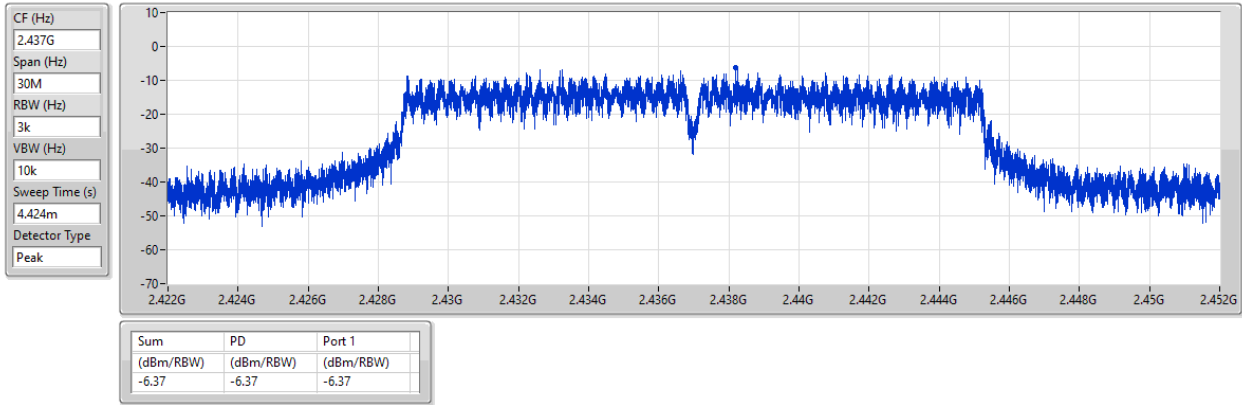


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

11/08/2023

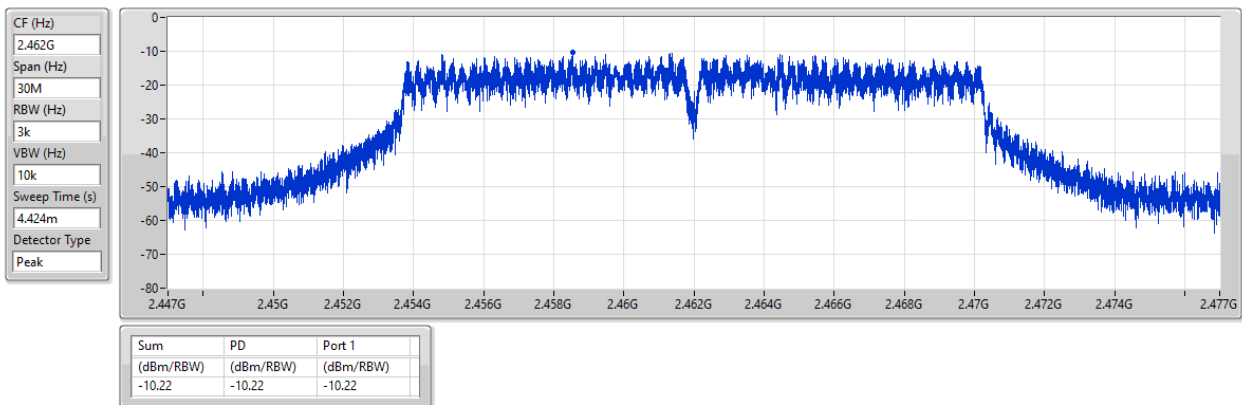


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

11/08/2023

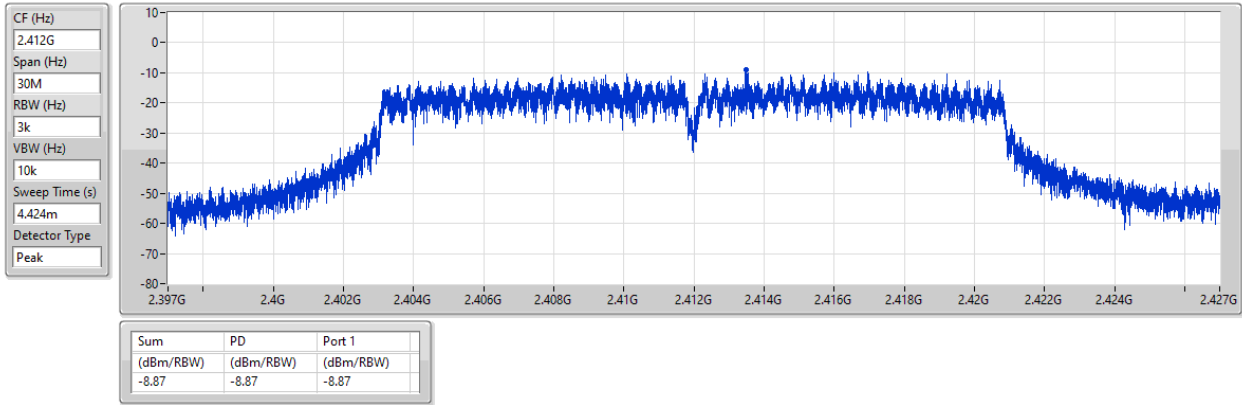


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

2412MHz

11/08/2023

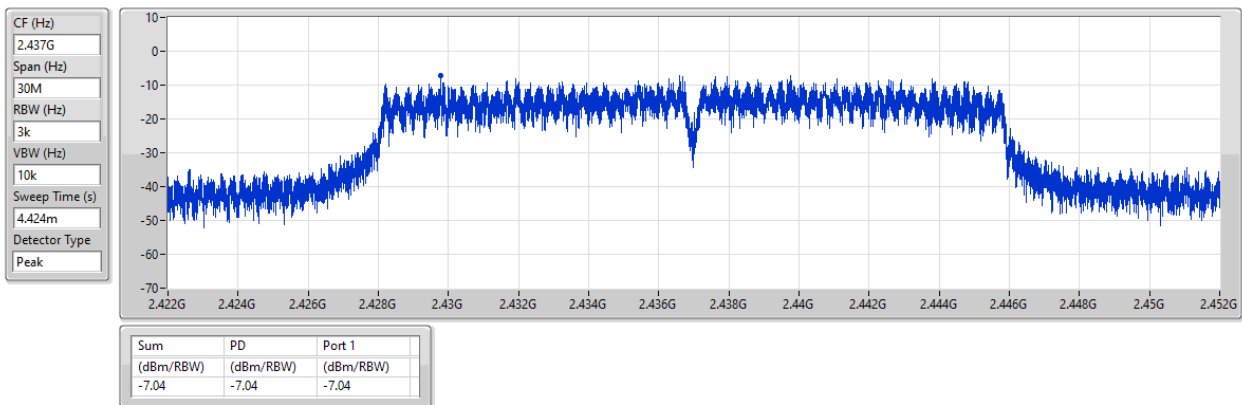


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

11/08/2023

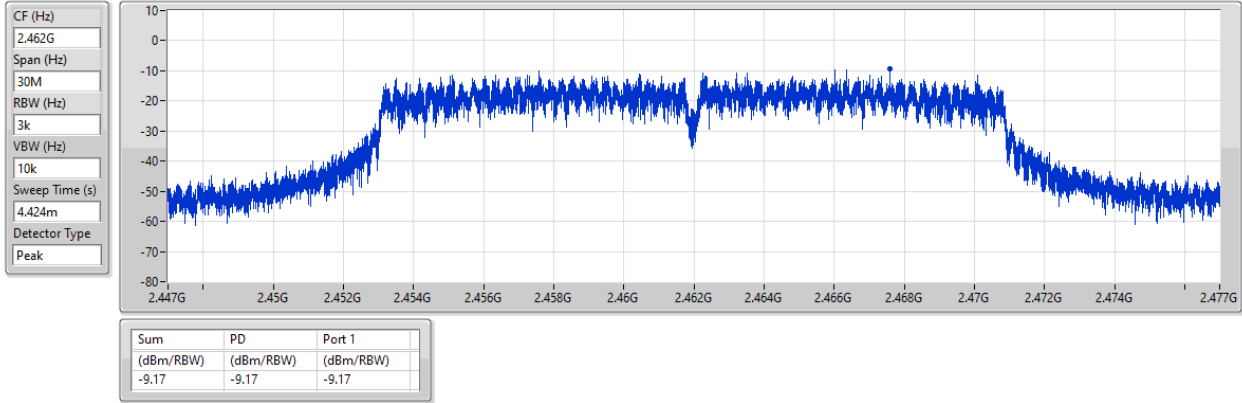


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz

11/08/2023





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	2.43741G	12.65	-17.35	2.30641G	-54.46	2.4G	-25.66	2.4G	-27.14	2.52006G	-51.69	24.5308G	-42.73	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43941G	7.90	-22.10	2.18875G	-54.74	2.39952G	-24.38	2.4G	-27.11	2.50046G	-51.44	16.90284G	-41.79	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4319G	7.72	-22.28	2.30059G	-54.78	2.39984G	-28.47	2.4G	-28.05	2.51646G	-51.10	14.84905G	-41.87	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	2.43741G	12.65	-17.35	2.30641G	-54.46	2.4G	-25.66	2.4G	-27.14	2.52006G	-51.69	24.5308G	-42.73	1
2437MHz	Pass	2.43741G	12.65	-17.35	2.16894G	-54.51	2.4G	-49.40	2.4G	-50.82	2.5179G	-50.52	16.94779G	-42.10	1
2462MHz	Pass	2.43741G	12.65	-17.35	2.30175G	-50.90	2.39704G	-51.83	2.4G	-52.89	2.5039G	-49.35	14.97548G	-42.28	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	7.90	-22.10	2.18875G	-54.74	2.39952G	-24.38	2.4G	-27.11	2.50046G	-51.44	16.90284G	-41.79	1
2437MHz	Pass	2.43941G	7.90	-22.10	2.05011G	-54.69	2.39912G	-45.34	2.4G	-46.38	2.50238G	-50.25	14.34333G	-42.67	1
2462MHz	Pass	2.43941G	7.90	-22.10	2.30991G	-54.72	2.39928G	-53.20	2.4G	-53.47	2.50038G	-50.61	16.31283G	-42.25	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	7.72	-22.28	2.30059G	-54.78	2.39984G	-28.47	2.4G	-28.05	2.51646G	-51.10	14.84905G	-41.87	1
2437MHz	Pass	2.4319G	7.72	-22.28	2.30175G	-53.81	2.39952G	-45.68	2.4G	-46.25	2.5135G	-50.64	15.05696G	-41.87	1
2462MHz	Pass	2.4319G	7.72	-22.28	2.30525G	-52.18	2.39688G	-52.42	2.4G	-54.54	2.5007G	-50.26	24.9719G	-41.97	1

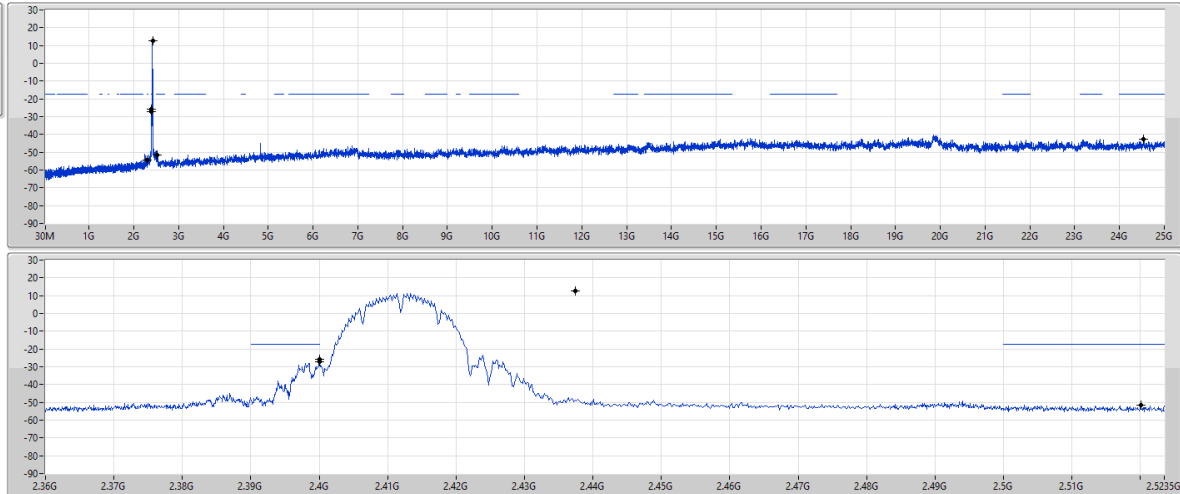
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

11/08/2023

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
2.43741G	12.65	-17.35	2.30641G	-54.46	2.4G	-25.66	2.4G	-27.14	2.52006G	-51.69	2.45308G	-42.73	1

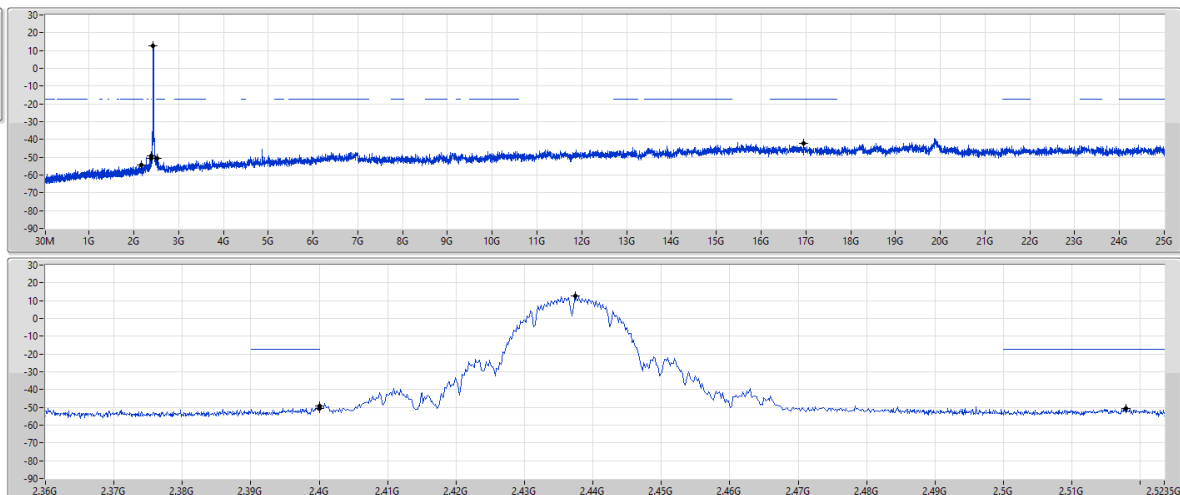
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2437MHz

11/08/2023

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
2.43741G	12.65	-17.35	2.16894G	-54.51	2.4G	-49.40	2.4G	-50.82	2.5179G	-50.52	16.94779G	-42.10	1

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

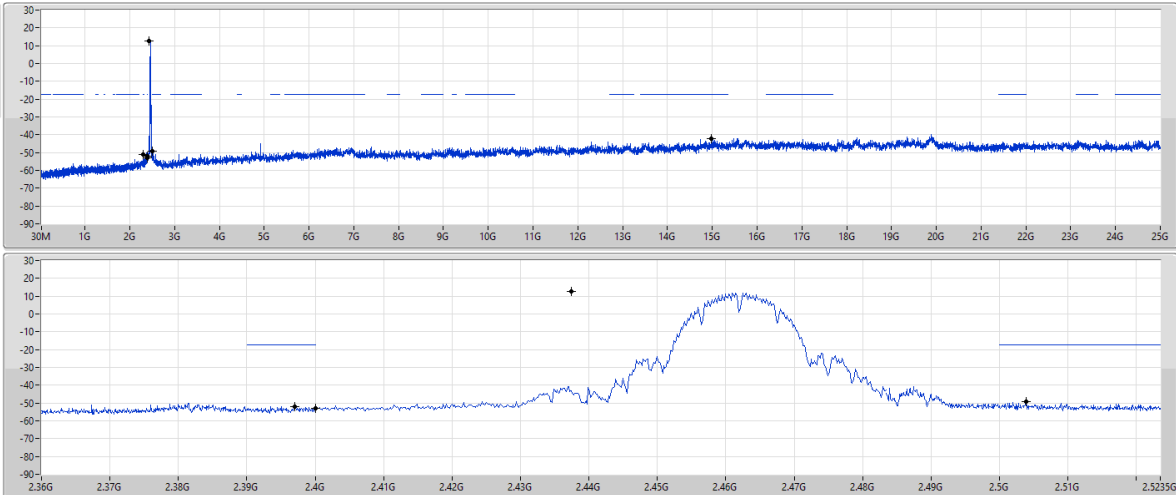
CSEndB

2462MHz

11/08/2023

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
2.43741G	12.65	-17.35	2.30175G	-50.90	2.39704G	-51.83	2.4G	-52.89	2.5039G	-49.35	14.97548G	-42.28	1

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

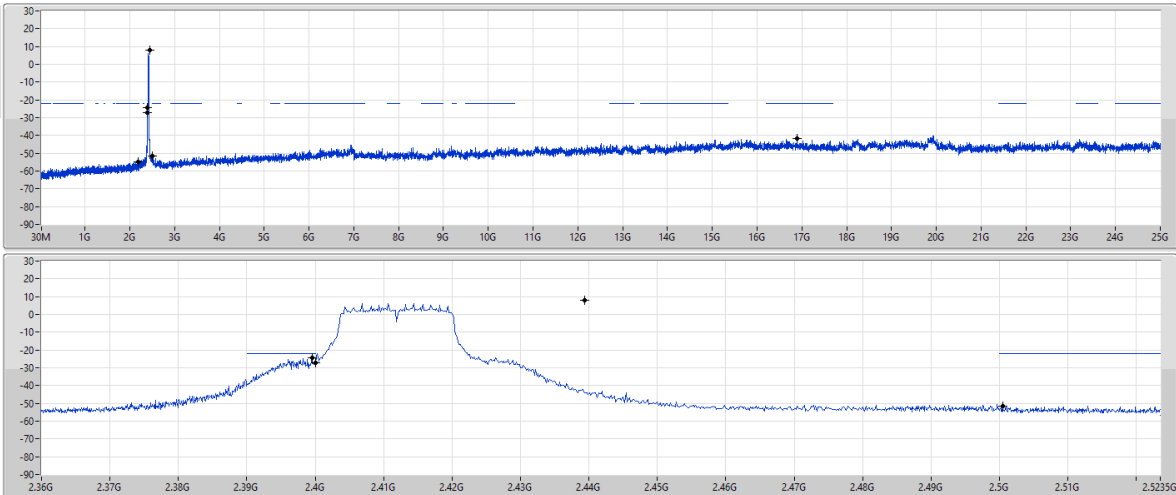
CSEndB

2412MHz

11/08/2023

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	7.90	-22.10	2.18875G	-54.74	2.39952G	-24.38	2.4G	-27.11	2.50046G	-51.44	16.90284G	-41.79	1

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

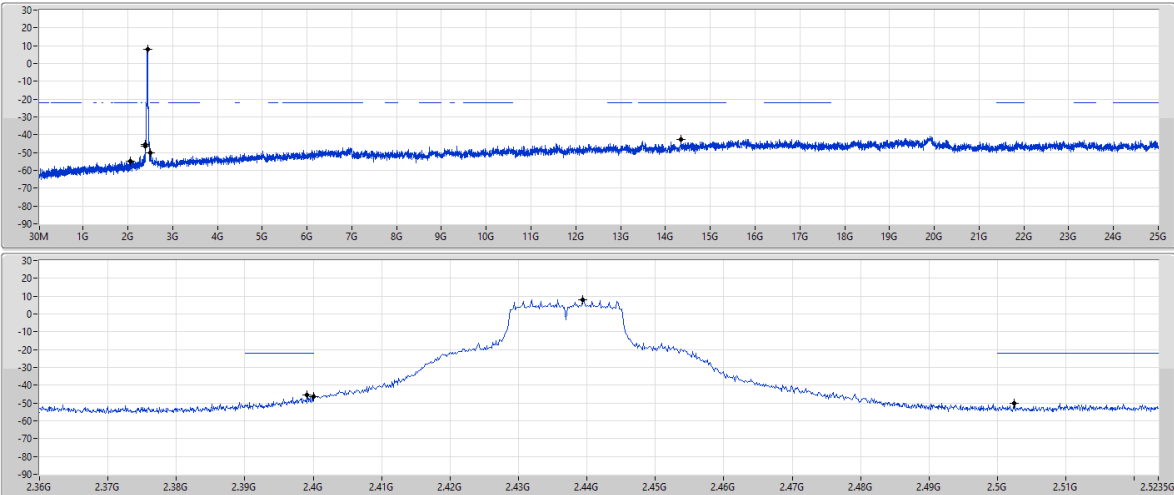
CSEndB

2437MHz

11/08/2023

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	7.90	-22.10	2.05011G	-54.69	2.39912G	-45.34	2.4G	-46.38	2.50238G	-50.25	14.34333G	-42.67	1

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

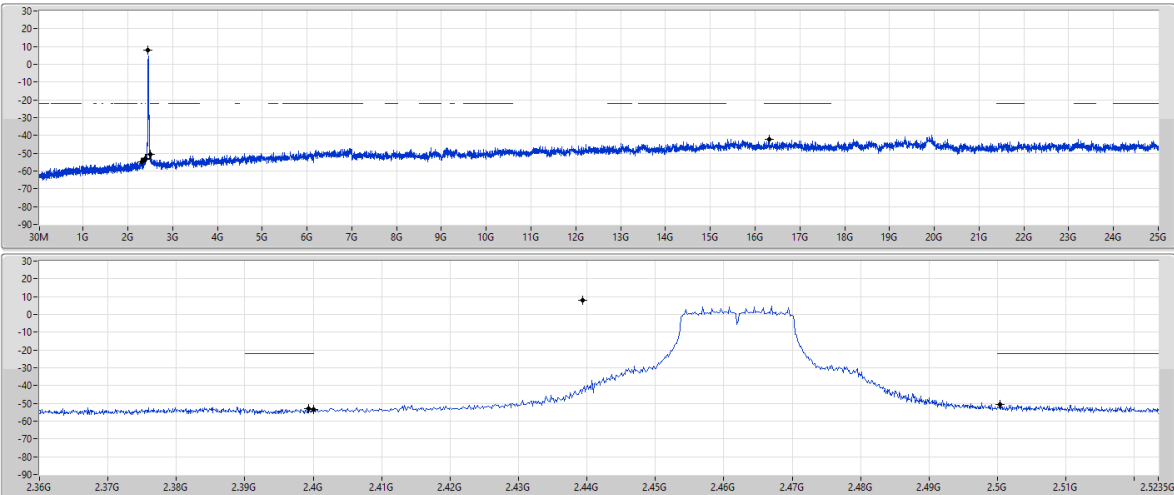
CSEndB

2462MHz

11/08/2023

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

Port 1

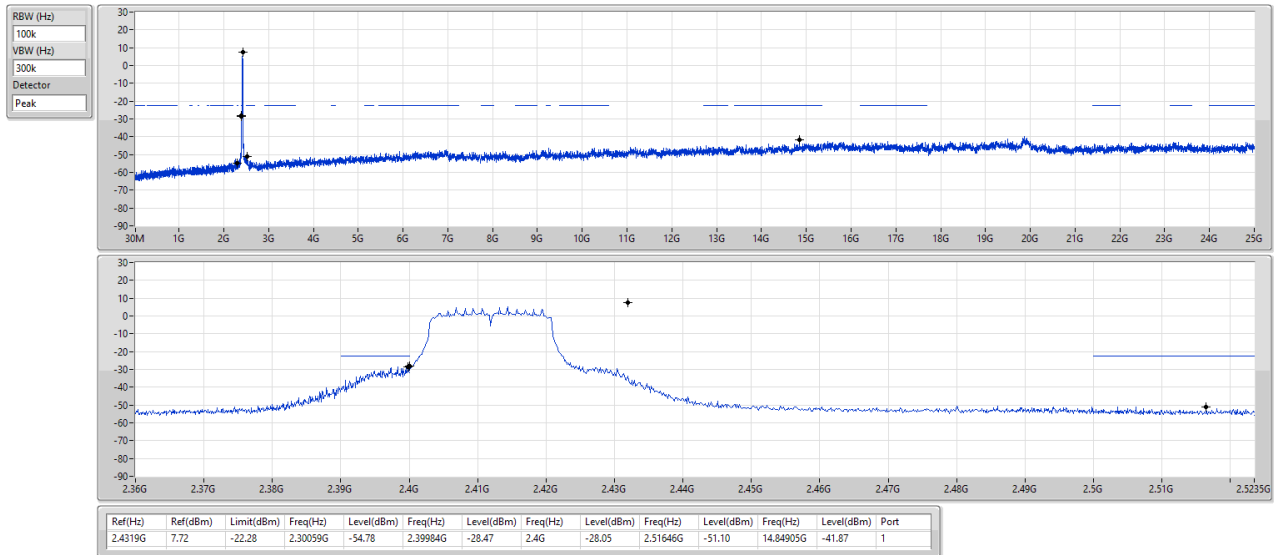


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	7.90	-22.10	2.30991G	-54.72	2.39928G	-53.20	2.4G	-53.47	2.50038G	-50.61	16.31283G	-42.25	1

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

CSEndB

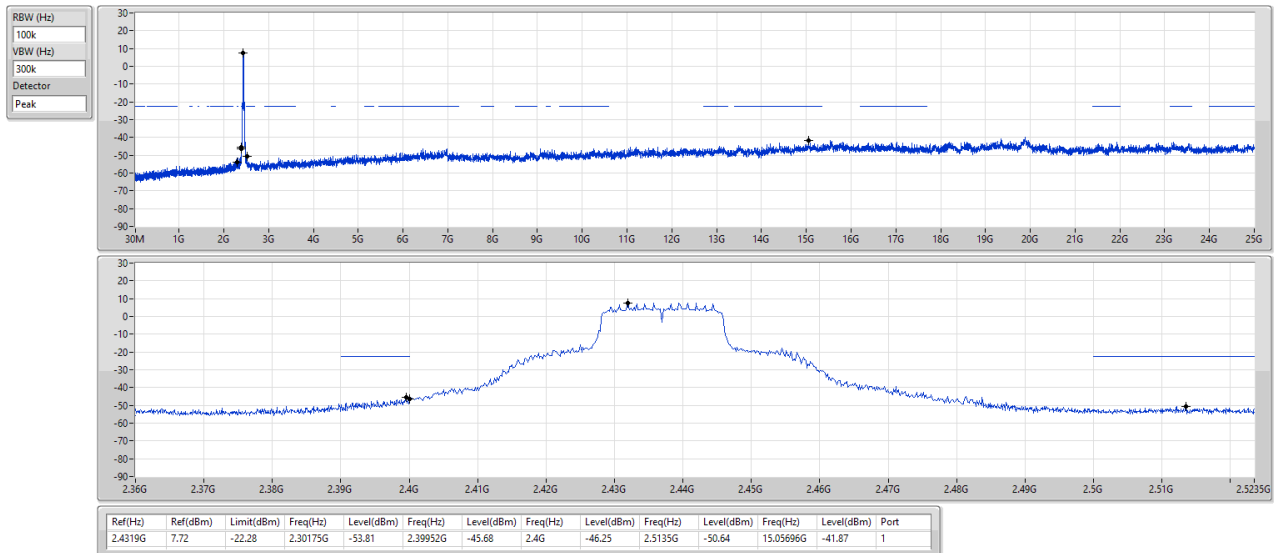
2412MHz



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

CSEndB

2437MHz



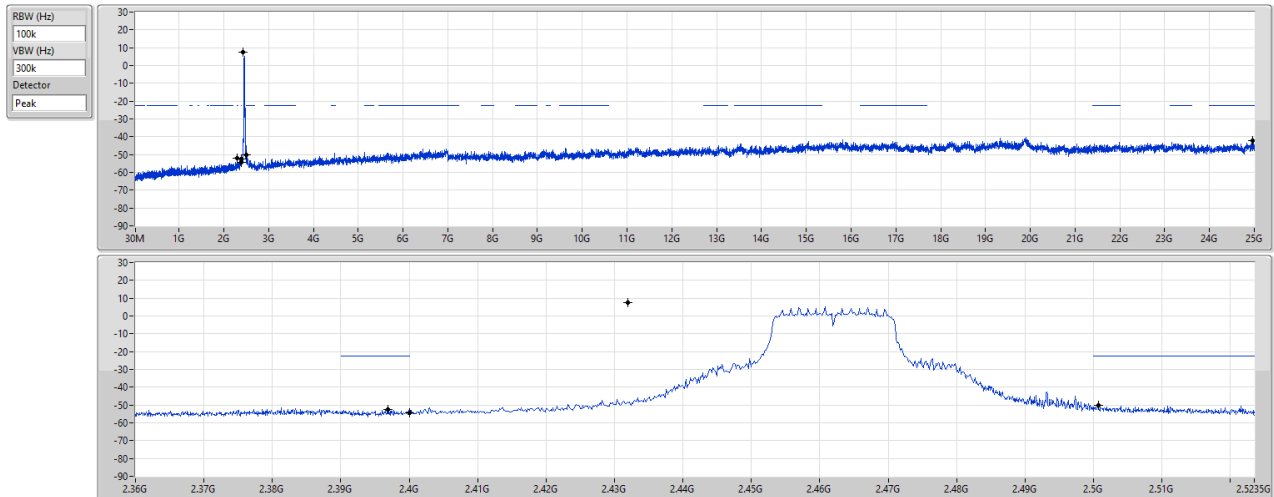
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

CSEndB

2462MHz

11/08/2023

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
2.4319G	7.72	-22.28	2.30525G	-52.18	2.39688G	-52.42	2.4G	-54.54	2.5007G	-50.26	24.9719G	-41.97	1



Summary

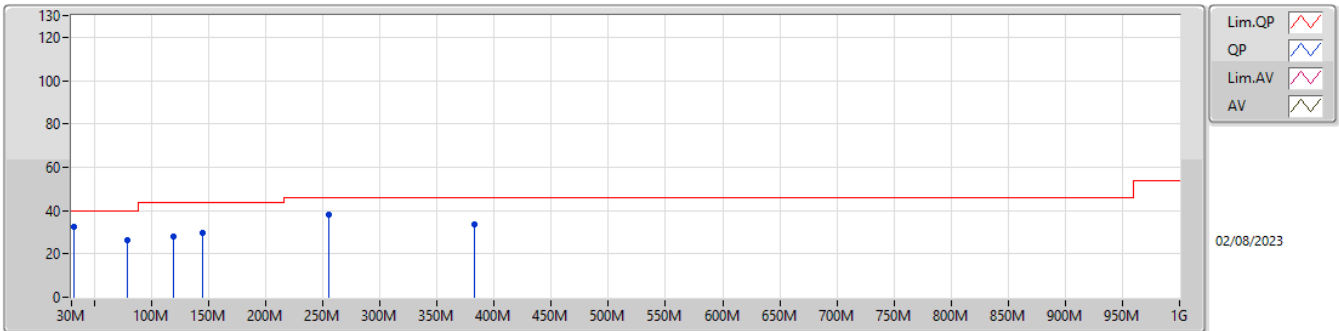
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	260.86M	39.44	46.00	-6.56	3	Horizontal	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11n HT20_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	31.94M	32.72	40.00	-7.28	3	Vertical	360	1.00
2437MHz	Pass	PK	78.5M	26.36	40.00	-13.64	3	Vertical	360	1.00
2437MHz	Pass	PK	119.24M	28.09	43.50	-15.41	3	Vertical	360	1.00
2437MHz	Pass	PK	144.46M	29.52	43.50	-13.98	3	Vertical	360	1.00
2437MHz	Pass	PK	255.04M	38.31	46.00	-7.69	3	Vertical	360	1.00
2437MHz	Pass	PK	383.08M	33.58	46.00	-12.42	3	Vertical	360	1.00
2437MHz	Pass	PK	130.88M	35.90	43.50	-7.60	3	Horizontal	0	1.00
2437MHz	Pass	PK	167.74M	36.10	43.50	-7.40	3	Horizontal	0	1.00
2437MHz	Pass	PK	216M	36.41	43.50	-7.09	3	Horizontal	0	1.00
2437MHz	Pass	PK	260.86M	39.44	46.00	-6.56	3	Horizontal	0	1.00
2437MHz	Pass	PK	431.58M	39.19	46.00	-6.81	3	Horizontal	0	1.00
2437MHz	Pass	PK	623.64M	36.09	46.00	-9.91	3	Horizontal	0	1.00

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

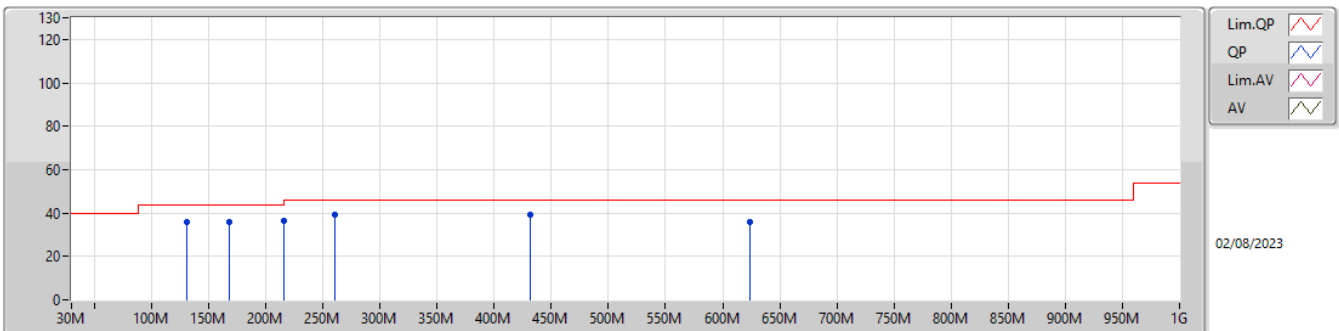
2437MHz_TX



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)
PK	31.94M	32.72	40.00	-7.28	-13.83	3	Vertical	360	1.00	46.55	22.68	0.59	37.10
PK	78.5M	26.36	40.00	-13.64	-23.41	3	Vertical	360	1.00	49.77	12.40	0.96	36.77
PK	119.24M	28.09	43.50	-15.41	-18.63	3	Vertical	360	1.00	46.72	16.70	1.20	36.53
PK	144.46M	29.52	43.50	-13.98	-18.57	3	Vertical	360	1.00	48.09	16.45	1.33	36.35
PK	255.04M	38.31	46.00	-7.69	-16.12	3	Vertical	360	1.00	54.43	18.44	1.86	36.42
PK	383.08M	33.58	46.00	-12.42	-13.87	3	Vertical	360	1.00	47.45	20.25	2.35	36.47

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

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)
PK	130.88M	35.90	43.50	-7.60	-18.42	3	Horizontal	0	1.00	54.32	16.76	1.26	36.44
PK	167.74M	36.10	43.50	-7.40	-19.84	3	Horizontal	0	1.00	55.94	15.09	1.44	36.37
PK	216M	36.41	43.50	-7.09	-20.52	3	Horizontal	0	1.00	56.93	14.07	1.68	36.27
PK	260.86M	39.44	46.00	-6.56	-15.26	3	Horizontal	0	1.00	54.70	19.26	1.89	36.41
PK	431.58M	39.19	46.00	-6.81	-12.10	3	Horizontal	0	1.00	51.29	21.96	2.51	36.57
PK	623.64M	36.09	46.00	-9.91	-8.61	3	Horizontal	0	1.00	44.70	25.37	3.10	37.08

**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	4.9139G	51.96	54.00	-2.04	3	Vertical	202	2.32
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	51.90	54.00	-2.10	3	Vertical	181	1.08
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	51.82	54.00	-2.18	3	Vertical	0	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	Pass	AV	2.387G	46.14	54.00	-7.86	3	Vertical	174	1.02
2412MHz	Pass	AV	2.4112G	106.09	Inf	-Inf	3	Vertical	174	1.02
2412MHz	Pass	PK	2.3894G	60.99	74.00	-13.01	3	Vertical	174	1.02
2412MHz	Pass	PK	2.413G	110.04	Inf	-Inf	3	Vertical	174	1.02
2412MHz	Pass	AV	2.3872G	44.43	54.00	-9.57	3	Horizontal	239	2.69
2412MHz	Pass	AV	2.4112G	99.89	Inf	-Inf	3	Horizontal	239	2.69
2412MHz	Pass	PK	2.3794G	57.14	74.00	-16.86	3	Horizontal	239	2.69
2412MHz	Pass	PK	2.413G	104.42	Inf	-Inf	3	Horizontal	239	2.69
2412MHz	Pass	AV	4.82394G	51.91	54.00	-2.09	3	Vertical	202	2.58
2412MHz	Pass	PK	4.82399G	54.81	74.00	-19.19	3	Vertical	202	2.58
2412MHz	Pass	AV	4.82392G	46.44	54.00	-7.56	3	Horizontal	39	1.00
2412MHz	Pass	PK	4.82395G	50.66	74.00	-23.34	3	Horizontal	39	1.00
2417MHz	Pass	AV	2.39G	46.01	54.00	-7.99	3	Vertical	179	1.42
2417MHz	Pass	AV	2.4162G	105.08	Inf	-Inf	3	Vertical	179	1.42
2417MHz	Pass	PK	2.3856G	58.36	74.00	-15.64	3	Vertical	179	1.42
2417MHz	Pass	PK	2.416G	108.91	Inf	-Inf	3	Vertical	179	1.42
2417MHz	Pass	AV	2.39G	44.39	54.00	-9.61	3	Horizontal	239	2.72
2417MHz	Pass	AV	2.4162G	99.25	Inf	-Inf	3	Horizontal	239	2.72
2417MHz	Pass	PK	2.375G	56.26	74.00	-17.74	3	Horizontal	239	2.72
2417MHz	Pass	PK	2.416G	103.13	Inf	-Inf	3	Horizontal	239	2.72
2417MHz	Pass	AV	4.83393G	51.95	54.00	-2.05	3	Vertical	200	2.55
2417MHz	Pass	AV	7.2516G	41.09	54.00	-12.91	3	Vertical	100	2.11
2417MHz	Pass	PK	4.83395G	54.79	74.00	-19.21	3	Vertical	200	2.55
2417MHz	Pass	PK	7.25262G	53.03	74.00	-20.97	3	Vertical	100	2.11
2417MHz	Pass	AV	4.83391G	46.41	54.00	-7.59	3	Horizontal	39	1.00
2417MHz	Pass	AV	7.25162G	40.34	54.00	-13.66	3	Horizontal	359	1.00
2417MHz	Pass	PK	4.83394G	51.01	74.00	-22.99	3	Horizontal	39	1.00
2417MHz	Pass	PK	7.25245G	52.58	74.00	-21.42	3	Horizontal	359	1.00
2437MHz	Pass	AV	2.3558G	44.25	54.00	-9.75	3	Vertical	353	1.64
2437MHz	Pass	AV	2.4386G	104.45	Inf	-Inf	3	Vertical	353	1.64
2437MHz	Pass	AV	2.4842G	44.62	54.00	-9.38	3	Vertical	353	1.64
2437MHz	Pass	PK	2.3498G	55.81	74.00	-18.19	3	Vertical	353	1.64
2437MHz	Pass	PK	2.4382G	108.40	Inf	-Inf	3	Vertical	353	1.64
2437MHz	Pass	PK	2.499G	56.18	74.00	-17.82	3	Vertical	353	1.64
2437MHz	Pass	AV	2.3558G	43.77	54.00	-10.23	3	Horizontal	237	2.64
2437MHz	Pass	AV	2.4386G	100.13	Inf	-Inf	3	Horizontal	237	2.64
2437MHz	Pass	AV	2.485G	43.90	54.00	-10.10	3	Horizontal	237	2.64
2437MHz	Pass	PK	2.3762G	55.49	74.00	-18.51	3	Horizontal	237	2.64
2437MHz	Pass	PK	2.4378G	104.22	Inf	-Inf	3	Horizontal	237	2.64
2437MHz	Pass	PK	2.4986G	55.75	74.00	-18.25	3	Horizontal	237	2.64
2437MHz	Pass	AV	4.87393G	51.91	54.00	-2.09	3	Vertical	205	1.97
2437MHz	Pass	AV	7.31161G	42.47	54.00	-11.53	3	Vertical	118	1.91
2437MHz	Pass	PK	4.87392G	55.07	74.00	-18.93	3	Vertical	205	1.97
2437MHz	Pass	PK	7.31185G	53.85	74.00	-20.15	3	Vertical	118	1.91
2437MHz	Pass	AV	4.87392G	45.43	54.00	-8.57	3	Horizontal	245	1.00
2437MHz	Pass	AV	7.31159G	42.87	54.00	-11.13	3	Horizontal	177	1.00
2437MHz	Pass	PK	4.8739G	50.68	74.00	-23.32	3	Horizontal	245	1.00
2437MHz	Pass	PK	7.30837G	53.92	74.00	-20.08	3	Horizontal	177	1.00
2457MHz	Pass	AV	2.4562G	107.64	Inf	-Inf	3	Vertical	180	1.12
2457MHz	Pass	AV	2.4835G	51.05	54.00	-2.95	3	Vertical	180	1.12
2457MHz	Pass	PK	2.458G	111.60	Inf	-Inf	3	Vertical	180	1.12
2457MHz	Pass	PK	2.4836G	59.78	74.00	-14.22	3	Vertical	180	1.12
2457MHz	Pass	AV	2.4562G	101.27	Inf	-Inf	3	Horizontal	230	2.32
2457MHz	Pass	AV	2.4835G	46.94	54.00	-7.06	3	Horizontal	230	2.32
2457MHz	Pass	PK	2.456G	105.10	Inf	-Inf	3	Horizontal	230	2.32
2457MHz	Pass	PK	2.4835G	57.07	74.00	-16.93	3	Horizontal	230	2.32
2457MHz	Pass	AV	4.9139G	51.96	54.00	-2.04	3	Vertical	202	2.32
2457MHz	Pass	AV	7.37167G	42.49	54.00	-11.51	3	Vertical	96	2.09
2457MHz	Pass	PK	4.91397G	55.08	74.00	-18.92	3	Vertical	202	2.32
2457MHz	Pass	PK	7.37162G	53.55	74.00	-20.45	3	Vertical	96	2.09

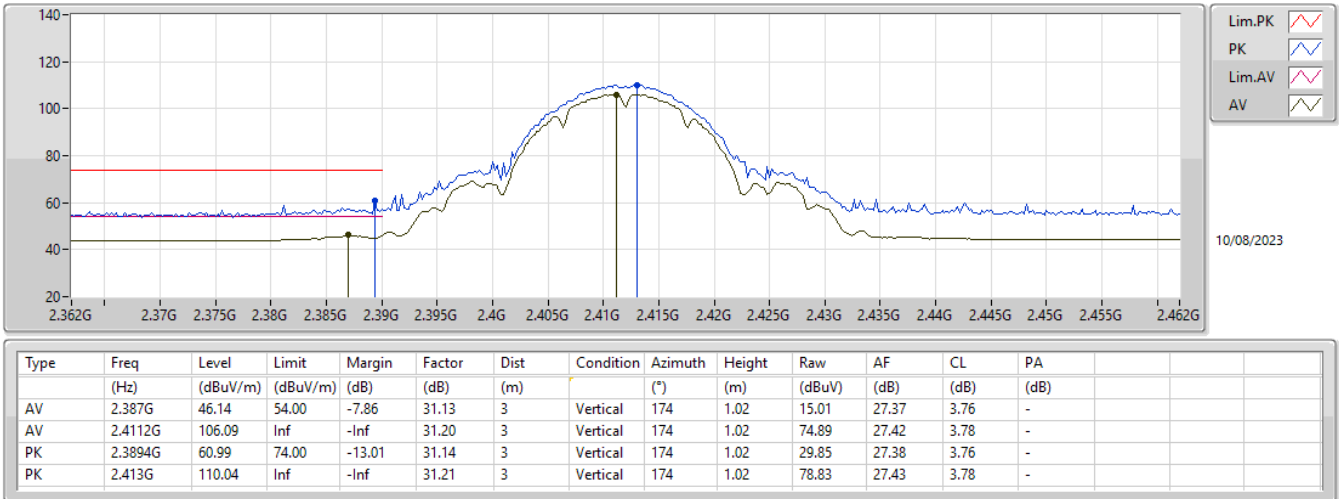
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2457MHz	Pass	AV	4.91393G	45.54	54.00	-8.46	3	Horizontal	242	2.16
2457MHz	Pass	AV	7.37164G	46.63	54.00	-7.37	3	Horizontal	324	2.15
2457MHz	Pass	PK	4.91378G	50.59	74.00	-23.41	3	Horizontal	242	2.16
2457MHz	Pass	PK	7.37191G	55.32	74.00	-18.68	3	Horizontal	324	2.15
2462MHz	Pass	AV	2.4608G	104.94	Inf	-Inf	3	Vertical	182	1.12
2462MHz	Pass	AV	2.4835G	48.79	54.00	-5.21	3	Vertical	182	1.12
2462MHz	Pass	PK	2.461G	109.29	Inf	-Inf	3	Vertical	182	1.12
2462MHz	Pass	PK	2.4844G	60.64	74.00	-13.36	3	Vertical	182	1.12
2462MHz	Pass	AV	2.4612G	98.67	Inf	-Inf	3	Horizontal	233	2.33
2462MHz	Pass	AV	2.4835G	45.68	54.00	-8.32	3	Horizontal	233	2.33
2462MHz	Pass	PK	2.461G	103.01	Inf	-Inf	3	Horizontal	233	2.33
2462MHz	Pass	PK	2.4835G	57.85	74.00	-16.15	3	Horizontal	233	2.33
2462MHz	Pass	AV	4.9239G	51.91	54.00	-2.09	3	Vertical	194	2.30
2462MHz	Pass	AV	7.38509G	41.16	54.00	-12.84	3	Vertical	139	1.00
2462MHz	Pass	PK	4.92391G	55.08	74.00	-18.92	3	Vertical	194	2.30
2462MHz	Pass	PK	7.38618G	53.00	74.00	-21.00	3	Vertical	139	1.00
2462MHz	Pass	AV	4.92394G	45.52	54.00	-8.48	3	Horizontal	237	2.14
2462MHz	Pass	AV	7.38659G	43.40	54.00	-10.60	3	Horizontal	329	2.17
2462MHz	Pass	PK	4.924G	50.98	74.00	-23.02	3	Horizontal	237	2.14
2462MHz	Pass	PK	7.38661G	53.50	74.00	-20.50	3	Horizontal	329	2.17
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.14	54.00	-2.86	3	Vertical	157	1.50
2412MHz	Pass	AV	2.4108G	97.89	Inf	-Inf	3	Vertical	157	1.50
2412MHz	Pass	PK	2.3898G	70.59	74.00	-3.41	3	Vertical	157	1.50
2412MHz	Pass	PK	2.411G	107.85	Inf	-Inf	3	Vertical	157	1.50
2412MHz	Pass	AV	2.39G	46.84	54.00	-7.16	3	Horizontal	244	1.50
2412MHz	Pass	AV	2.4092G	90.49	Inf	-Inf	3	Horizontal	244	1.50
2412MHz	Pass	PK	2.39G	63.82	74.00	-10.18	3	Horizontal	244	1.50
2412MHz	Pass	PK	2.4112G	100.32	Inf	-Inf	3	Horizontal	244	1.50
2412MHz	Pass	AV	4.82652G	36.17	54.00	-17.83	3	Vertical	206	2.58
2412MHz	Pass	PK	4.82564G	49.36	74.00	-24.64	3	Vertical	206	2.58
2412MHz	Pass	AV	4.82252G	32.22	54.00	-21.78	3	Horizontal	186	2.04
2412MHz	Pass	PK	4.81464G	44.93	74.00	-29.07	3	Horizontal	186	2.04
2417MHz	Pass	AV	2.39G	51.43	54.00	-2.57	3	Vertical	171	1.09
2417MHz	Pass	AV	2.4128G	100.08	Inf	-Inf	3	Vertical	171	1.09
2417MHz	Pass	PK	2.389G	65.86	74.00	-8.14	3	Vertical	171	1.09
2417MHz	Pass	PK	2.4128G	109.80	Inf	-Inf	3	Vertical	171	1.09
2417MHz	Pass	AV	2.39G	47.82	54.00	-6.18	3	Horizontal	240	2.72
2417MHz	Pass	AV	2.4136G	94.48	Inf	-Inf	3	Horizontal	240	2.72
2417MHz	Pass	PK	2.3866G	61.51	74.00	-12.49	3	Horizontal	240	2.72
2417MHz	Pass	PK	2.4136G	104.09	Inf	-Inf	3	Horizontal	240	2.72
2417MHz	Pass	AV	4.83648G	37.52	54.00	-16.48	3	Vertical	206	2.58
2417MHz	Pass	AV	7.25516G	39.22	54.00	-14.78	3	Vertical	13	2.92
2417MHz	Pass	PK	4.83544G	50.56	74.00	-23.44	3	Vertical	206	2.58
2417MHz	Pass	PK	7.25572G	53.51	74.00	-20.49	3	Vertical	13	2.92
2417MHz	Pass	AV	4.83908G	32.14	54.00	-21.86	3	Horizontal	219	1.93
2417MHz	Pass	AV	7.25124G	37.95	54.00	-16.05	3	Horizontal	152	1.62
2417MHz	Pass	PK	4.83732G	45.43	74.00	-28.57	3	Horizontal	219	1.93
2417MHz	Pass	PK	7.251G	50.91	74.00	-23.09	3	Horizontal	152	1.62
2437MHz	Pass	AV	2.3898G	47.03	54.00	-6.97	3	Vertical	178	1.20
2437MHz	Pass	AV	2.4418G	101.53	Inf	-Inf	3	Vertical	178	1.20
2437MHz	Pass	AV	2.4835G	48.47	54.00	-5.53	3	Vertical	178	1.20
2437MHz	Pass	PK	2.3898G	61.89	74.00	-12.11	3	Vertical	178	1.20
2437MHz	Pass	PK	2.4414G	111.23	Inf	-Inf	3	Vertical	178	1.20
2437MHz	Pass	PK	2.4862G	62.74	74.00	-11.26	3	Vertical	178	1.20
2437MHz	Pass	AV	2.3898G	44.63	54.00	-9.37	3	Horizontal	224	2.96
2437MHz	Pass	AV	2.4418G	96.56	Inf	-Inf	3	Horizontal	224	2.96
2437MHz	Pass	AV	2.4842G	45.64	54.00	-8.36	3	Horizontal	224	2.96
2437MHz	Pass	PK	2.385G	56.63	74.00	-17.37	3	Horizontal	224	2.96
2437MHz	Pass	PK	2.4418G	106.21	Inf	-Inf	3	Horizontal	224	2.96
2437MHz	Pass	PK	2.485G	58.81	74.00	-15.19	3	Horizontal	224	2.96
2437MHz	Pass	AV	4.87212G	39.02	54.00	-14.98	3	Vertical	202	2.53

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	7.31224G	36.82	54.00	-17.18	3	Vertical	339	2.21
2437MHz	Pass	PK	4.87628G	52.58	74.00	-21.42	3	Vertical	202	2.53
2437MHz	Pass	PK	7.31636G	53.95	74.00	-20.05	3	Vertical	339	2.21
2437MHz	Pass	AV	4.87492G	33.77	54.00	-20.23	3	Horizontal	199	2.52
2437MHz	Pass	AV	7.30928G	37.94	54.00	-16.06	3	Horizontal	198	2.16
2437MHz	Pass	PK	4.86532G	45.12	74.00	-28.88	3	Horizontal	199	2.52
2437MHz	Pass	PK	7.30792G	51.68	74.00	-22.32	3	Horizontal	198	2.16
2457MHz	Pass	AV	2.455G	100.16	Inf	-Inf	3	Vertical	181	1.08
2457MHz	Pass	AV	2.4835G	51.90	54.00	-2.10	3	Vertical	181	1.08
2457MHz	Pass	PK	2.4604G	110.38	Inf	-Inf	3	Vertical	181	1.08
2457MHz	Pass	PK	2.4856G	67.87	74.00	-6.13	3	Vertical	181	1.08
2457MHz	Pass	AV	2.455G	93.85	Inf	-Inf	3	Horizontal	234	2.34
2457MHz	Pass	AV	2.4835G	47.82	54.00	-6.18	3	Horizontal	234	2.34
2457MHz	Pass	PK	2.4556G	102.93	Inf	-Inf	3	Horizontal	234	2.34
2457MHz	Pass	PK	2.485G	61.00	74.00	-13.00	3	Horizontal	234	2.34
2457MHz	Pass	AV	4.9146G	37.77	54.00	-16.23	3	Vertical	199	2.28
2457MHz	Pass	AV	7.37396G	37.66	54.00	-16.34	3	Vertical	316	1.02
2457MHz	Pass	PK	4.91536G	52.11	74.00	-21.89	3	Vertical	199	2.28
2457MHz	Pass	PK	7.3716G	52.06	74.00	-21.94	3	Vertical	316	1.02
2457MHz	Pass	AV	4.92192G	32.00	54.00	-22.00	3	Horizontal	207	2.26
2457MHz	Pass	AV	7.38004G	36.92	54.00	-17.08	3	Horizontal	203	2.47
2457MHz	Pass	PK	4.9174G	45.32	74.00	-28.68	3	Horizontal	207	2.26
2457MHz	Pass	PK	7.36508G	49.79	74.00	-24.21	3	Horizontal	203	2.47
2462MHz	Pass	AV	2.4598G	97.53	Inf	-Inf	3	Vertical	0	1.00
2462MHz	Pass	AV	2.4835G	51.64	54.00	-2.36	3	Vertical	0	1.00
2462MHz	Pass	PK	2.4604G	107.87	Inf	-Inf	3	Vertical	0	1.00
2462MHz	Pass	PK	2.4838G	67.36	74.00	-6.64	3	Vertical	0	1.00
2462MHz	Pass	AV	2.4572G	90.89	Inf	-Inf	3	Horizontal	240	2.76
2462MHz	Pass	AV	2.4835G	47.82	54.00	-6.18	3	Horizontal	240	2.76
2462MHz	Pass	PK	2.4604G	101.22	Inf	-Inf	3	Horizontal	240	2.76
2462MHz	Pass	PK	2.4836G	61.47	74.00	-12.53	3	Horizontal	240	2.76
2462MHz	Pass	AV	4.92644G	35.80	54.00	-18.20	3	Vertical	196	2.28
2462MHz	Pass	AV	7.38828G	36.97	54.00	-17.03	3	Vertical	314	2.41
2462MHz	Pass	PK	4.92732G	48.77	74.00	-25.23	3	Vertical	196	2.28
2462MHz	Pass	PK	7.39092G	50.91	74.00	-23.09	3	Vertical	314	2.41
2462MHz	Pass	AV	4.92256G	32.12	54.00	-21.88	3	Horizontal	237	2.36
2462MHz	Pass	AV	7.39028G	37.09	54.00	-16.91	3	Horizontal	337	2.73
2462MHz	Pass	PK	4.91908G	44.85	74.00	-29.15	3	Horizontal	237	2.36
2462MHz	Pass	PK	7.37892G	50.50	74.00	-23.50	3	Horizontal	337	2.73
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.33	54.00	-2.67	3	Vertical	181	1.06
2412MHz	Pass	AV	2.4108G	97.98	Inf	-Inf	3	Vertical	181	1.06
2412MHz	Pass	PK	2.39G	70.60	74.00	-3.40	3	Vertical	181	1.06
2412MHz	Pass	PK	2.4084G	108.20	Inf	-Inf	3	Vertical	181	1.06
2412MHz	Pass	AV	2.39G	48.34	54.00	-5.66	3	Horizontal	212	2.98
2412MHz	Pass	AV	2.4136G	92.98	Inf	-Inf	3	Horizontal	212	2.98
2412MHz	Pass	PK	2.39G	66.24	74.00	-7.76	3	Horizontal	212	2.98
2412MHz	Pass	PK	2.4164G	103.27	Inf	-Inf	3	Horizontal	212	2.98
2412MHz	Pass	AV	4.82536G	35.47	54.00	-18.53	3	Vertical	199	2.58
2412MHz	Pass	PK	4.82192G	48.80	74.00	-25.20	3	Vertical	199	2.58
2412MHz	Pass	AV	4.82656G	31.83	54.00	-22.17	3	Horizontal	291	2.29
2412MHz	Pass	PK	4.8294G	45.12	74.00	-28.88	3	Horizontal	291	2.29
2417MHz	Pass	AV	2.39G	51.53	54.00	-2.47	3	Vertical	194	1.36
2417MHz	Pass	AV	2.4136G	100.02	Inf	-Inf	3	Vertical	194	1.36
2417MHz	Pass	PK	2.3892G	66.87	74.00	-7.13	3	Vertical	194	1.36
2417MHz	Pass	PK	2.4128G	110.43	Inf	-Inf	3	Vertical	194	1.36
2417MHz	Pass	AV	2.39G	48.95	54.00	-5.05	3	Horizontal	242	2.71
2417MHz	Pass	AV	2.4136G	94.80	Inf	-Inf	3	Horizontal	242	2.71
2417MHz	Pass	PK	2.3892G	63.85	74.00	-10.15	3	Horizontal	242	2.71
2417MHz	Pass	PK	2.4126G	105.20	Inf	-Inf	3	Horizontal	242	2.71
2417MHz	Pass	AV	4.83424G	38.40	54.00	-15.60	3	Vertical	202	2.53
2417MHz	Pass	AV	7.25144G	37.84	54.00	-16.16	3	Vertical	120	1.22

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2417MHz	Pass	PK	4.83428G	50.76	74.00	-23.24	3	Vertical	202	2.53
2417MHz	Pass	PK	7.25256G	51.32	74.00	-22.68	3	Vertical	120	1.22
2417MHz	Pass	AV	4.83064G	31.70	54.00	-22.30	3	Horizontal	306	2.37
2417MHz	Pass	AV	7.25036G	37.25	54.00	-16.75	3	Horizontal	189	1.14
2417MHz	Pass	PK	4.84392G	45.33	74.00	-28.67	3	Horizontal	306	2.37
2417MHz	Pass	PK	7.26076G	50.35	74.00	-23.65	3	Horizontal	189	1.14
2437MHz	Pass	AV	2.3898G	45.99	54.00	-8.01	3	Vertical	198	2.36
2437MHz	Pass	AV	2.4406G	101.24	Inf	-Inf	3	Vertical	198	2.36
2437MHz	Pass	AV	2.4835G	49.41	54.00	-4.59	3	Vertical	198	2.36
2437MHz	Pass	PK	2.3898G	59.63	74.00	-14.37	3	Vertical	198	2.36
2437MHz	Pass	PK	2.4402G	110.77	Inf	-Inf	3	Vertical	198	2.36
2437MHz	Pass	PK	2.4838G	66.08	74.00	-7.92	3	Vertical	198	2.36
2437MHz	Pass	AV	2.3894G	45.08	54.00	-8.92	3	Horizontal	232	2.71
2437MHz	Pass	AV	2.4406G	95.16	Inf	-Inf	3	Horizontal	232	2.71
2437MHz	Pass	AV	2.4835G	45.76	54.00	-8.24	3	Horizontal	232	2.71
2437MHz	Pass	PK	2.3898G	59.71	74.00	-14.29	3	Horizontal	232	2.71
2437MHz	Pass	PK	2.4314G	104.77	Inf	-Inf	3	Horizontal	232	2.71
2437MHz	Pass	PK	2.485G	60.57	74.00	-13.43	3	Horizontal	232	2.71
2437MHz	Pass	AV	4.87396G	39.10	54.00	-14.90	3	Vertical	203	2.57
2437MHz	Pass	AV	7.30924G	36.84	54.00	-17.16	3	Vertical	110	2.77
2437MHz	Pass	PK	4.8712G	51.69	74.00	-22.31	3	Vertical	203	2.57
2437MHz	Pass	PK	7.32084G	50.28	74.00	-23.72	3	Vertical	110	2.77
2437MHz	Pass	AV	4.87428G	33.49	54.00	-20.51	3	Horizontal	279	2.83
2437MHz	Pass	AV	7.30696G	37.48	54.00	-16.52	3	Horizontal	87	2.47
2437MHz	Pass	PK	4.87556G	46.27	74.00	-27.73	3	Horizontal	279	2.83
2437MHz	Pass	PK	7.30812G	50.25	74.00	-23.75	3	Horizontal	87	2.47
2457MHz	Pass	AV	2.461G	101.20	Inf	-Inf	3	Vertical	0	1.00
2457MHz	Pass	AV	2.4835G	51.82	54.00	-2.18	3	Vertical	0	1.00
2457MHz	Pass	PK	2.461G	111.23	Inf	-Inf	3	Vertical	0	1.00
2457MHz	Pass	PK	2.485G	67.92	74.00	-6.08	3	Vertical	0	1.00
2457MHz	Pass	AV	2.4536G	93.68	Inf	-Inf	3	Horizontal	335	1.50
2457MHz	Pass	AV	2.4835G	46.93	54.00	-7.07	3	Horizontal	335	1.50
2457MHz	Pass	PK	2.4516G	103.28	Inf	-Inf	3	Horizontal	335	1.50
2457MHz	Pass	PK	2.4852G	60.72	74.00	-13.28	3	Horizontal	335	1.50
2457MHz	Pass	AV	4.91364G	37.02	54.00	-16.98	3	Vertical	198	2.75
2457MHz	Pass	AV	7.373G	37.70	54.00	-16.30	3	Vertical	286	1.39
2457MHz	Pass	PK	4.91216G	49.95	74.00	-24.05	3	Vertical	198	2.75
2457MHz	Pass	PK	7.36536G	49.96	74.00	-24.04	3	Vertical	286	1.39
2457MHz	Pass	AV	4.91536G	32.33	54.00	-21.67	3	Horizontal	324	2.02
2457MHz	Pass	AV	7.36864G	37.09	54.00	-16.91	3	Horizontal	319	1.40
2457MHz	Pass	PK	4.91864G	45.20	74.00	-28.80	3	Horizontal	324	2.02
2457MHz	Pass	PK	7.37708G	51.03	74.00	-22.97	3	Horizontal	319	1.40
2462MHz	Pass	AV	2.4672G	96.55	Inf	-Inf	3	Vertical	174	1.04
2462MHz	Pass	AV	2.4835G	51.78	54.00	-2.22	3	Vertical	174	1.04
2462MHz	Pass	PK	2.4666G	106.80	Inf	-Inf	3	Vertical	174	1.04
2462MHz	Pass	PK	2.4835G	68.79	74.00	-5.21	3	Vertical	174	1.04
2462MHz	Pass	AV	2.4578G	87.50	Inf	-Inf	3	Horizontal	244	1.50
2462MHz	Pass	AV	2.4835G	46.83	54.00	-7.17	3	Horizontal	244	1.50
2462MHz	Pass	PK	2.4666G	97.39	Inf	-Inf	3	Horizontal	244	1.50
2462MHz	Pass	PK	2.4835G	61.33	74.00	-12.67	3	Horizontal	244	1.50
2462MHz	Pass	AV	4.92696G	34.29	54.00	-19.71	3	Vertical	133	1.50
2462MHz	Pass	AV	7.38708G	37.15	54.00	-16.85	3	Vertical	37	1.14
2462MHz	Pass	PK	4.9244G	49.05	74.00	-24.95	3	Vertical	133	1.50
2462MHz	Pass	PK	7.38804G	50.16	74.00	-23.84	3	Vertical	37	1.14
2462MHz	Pass	AV	4.92392G	32.31	54.00	-21.69	3	Horizontal	242	1.51
2462MHz	Pass	AV	7.38292G	37.36	54.00	-16.64	3	Horizontal	208	2.93
2462MHz	Pass	PK	4.92876G	45.77	74.00	-28.23	3	Horizontal	242	1.51
2462MHz	Pass	PK	7.37992G	50.36	74.00	-23.64	3	Horizontal	208	2.93

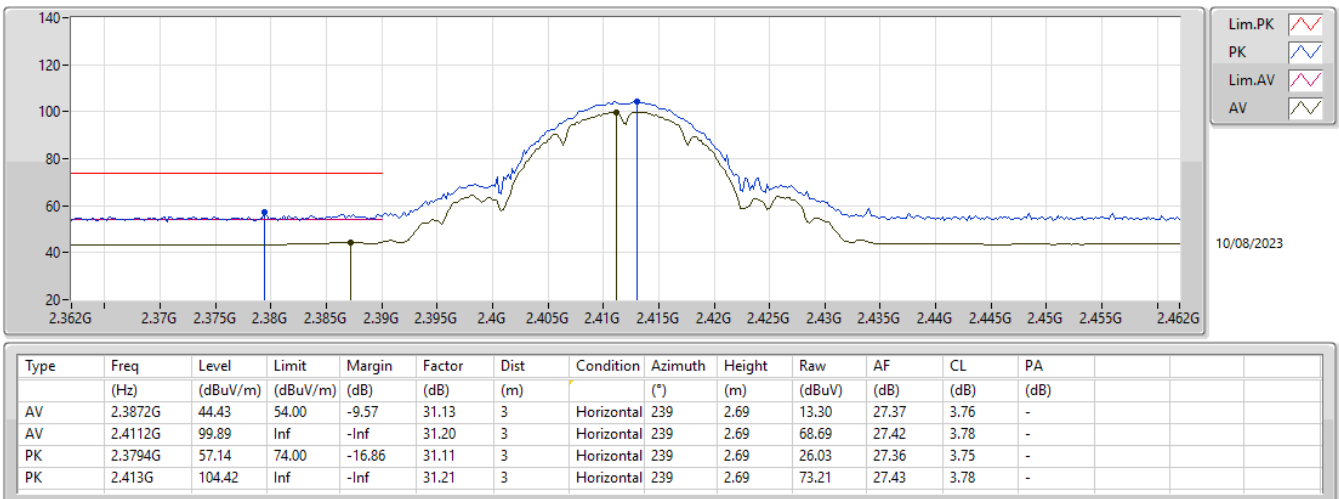
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX



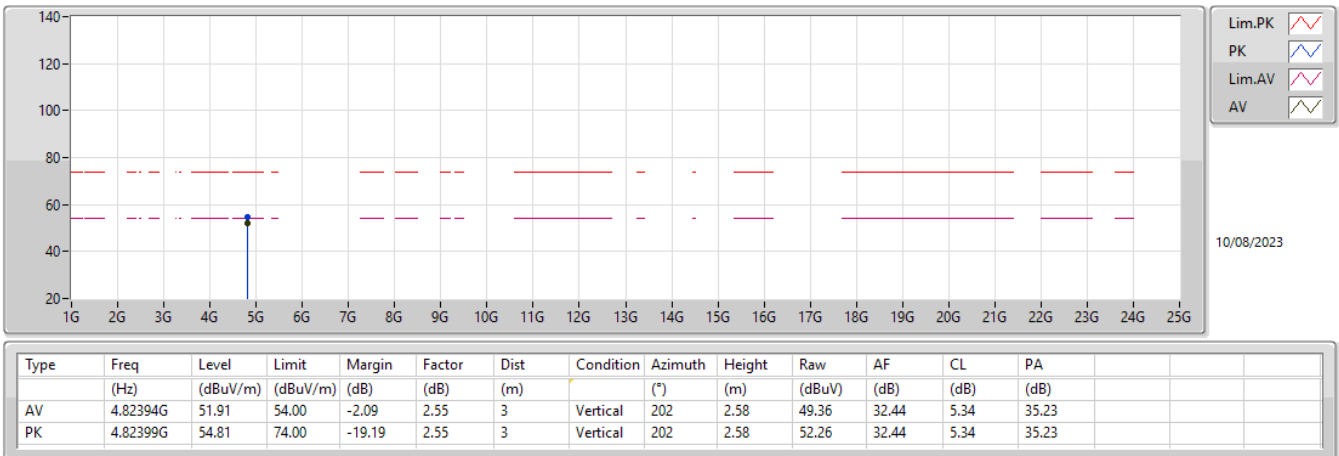
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2412MHz_TX



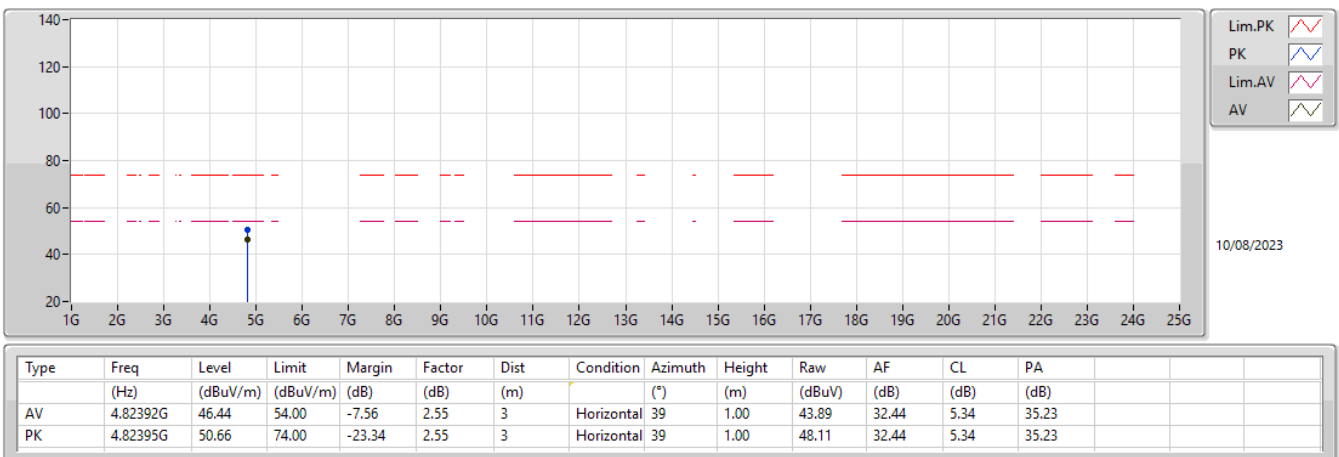
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2412MHz_TX



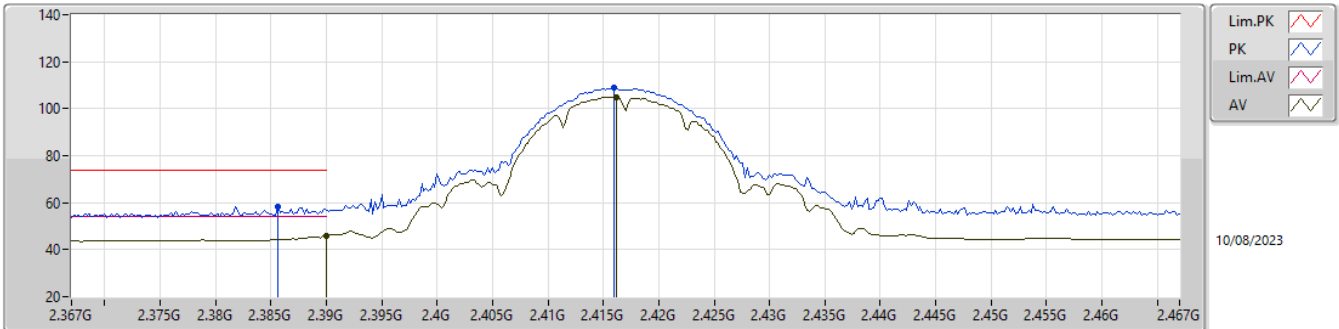
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2412MHz_TX



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

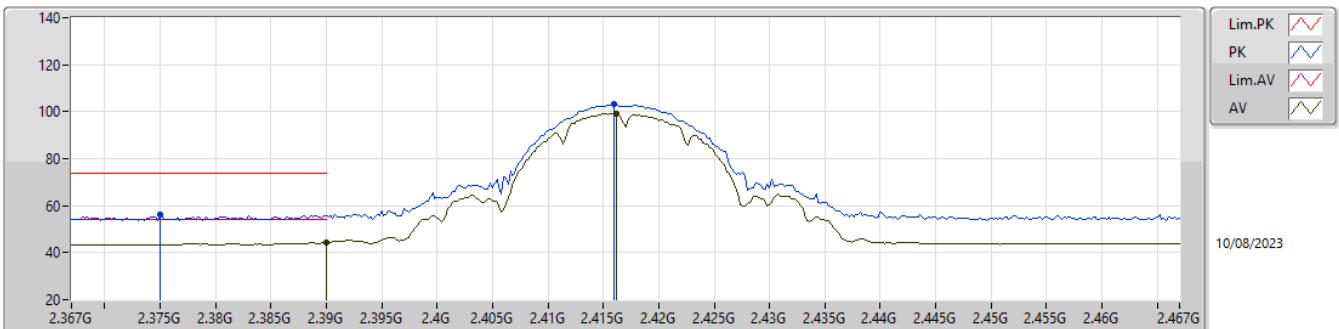
2417MHz_TX



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	2.39G	46.01	54.00	-7.99	31.14	3	Vertical	179	1.42	14.87	27.38	3.76	-
AV	2.4162G	105.08	Inf	-Inf	31.21	3	Vertical	179	1.42	73.87	27.43	3.78	-
PK	2.3856G	58.36	74.00	-15.64	31.12	3	Vertical	179	1.42	27.24	27.37	3.75	-
PK	2.416G	108.91	Inf	-Inf	31.21	3	Vertical	179	1.42	77.70	27.43	3.78	-

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

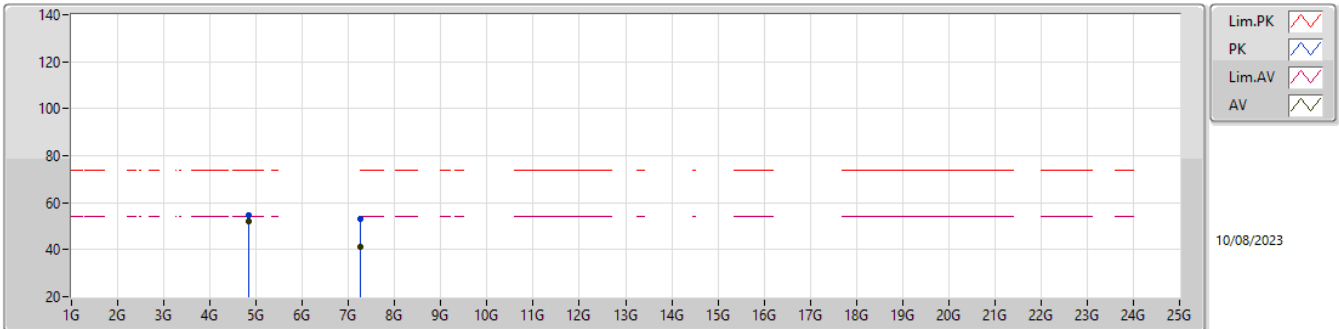
2417MHz_TX



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	2.39G	44.39	54.00	-9.61	31.14	3	Horizontal	239	2.72	13.25	27.38	3.76	-
AV	2.4162G	99.25	Inf	-Inf	31.21	3	Horizontal	239	2.72	68.04	27.43	3.78	-
PK	2.375G	56.26	74.00	-17.74	31.09	3	Horizontal	239	2.72	25.17	27.35	3.74	-
PK	2.416G	103.13	Inf	-Inf	31.21	3	Horizontal	239	2.72	71.92	27.43	3.78	-

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

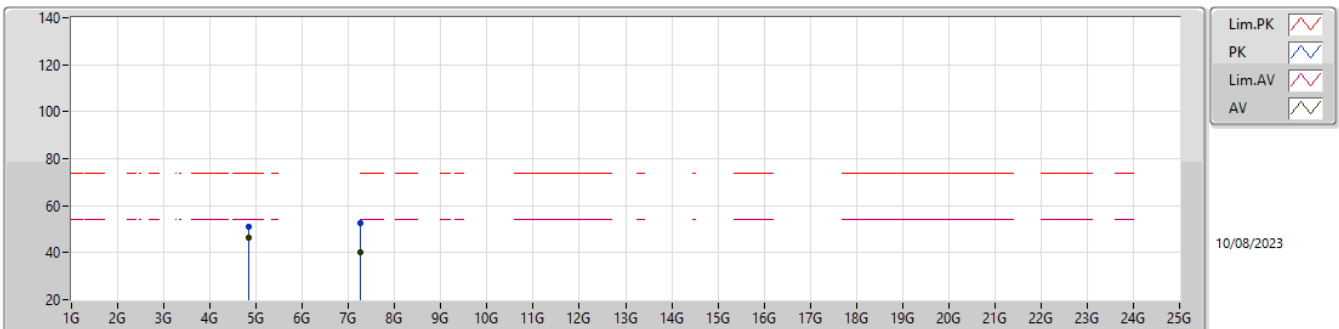
2417MHz_TX



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	4.83393G	51.95	54.00	-2.05	2.63	3	Vertical	200	2.55	49.32	32.50	5.35	35.22
AV	7.2516G	41.09	54.00	-12.91	7.96	3	Vertical	100	2.11	33.13	36.80	6.61	35.45
PK	4.83395G	54.79	74.00	-19.21	2.63	3	Vertical	200	2.55	52.16	32.50	5.35	35.22
PK	7.25262G	53.03	74.00	-20.97	7.95	3	Vertical	100	2.11	45.08	36.79	6.61	35.45

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

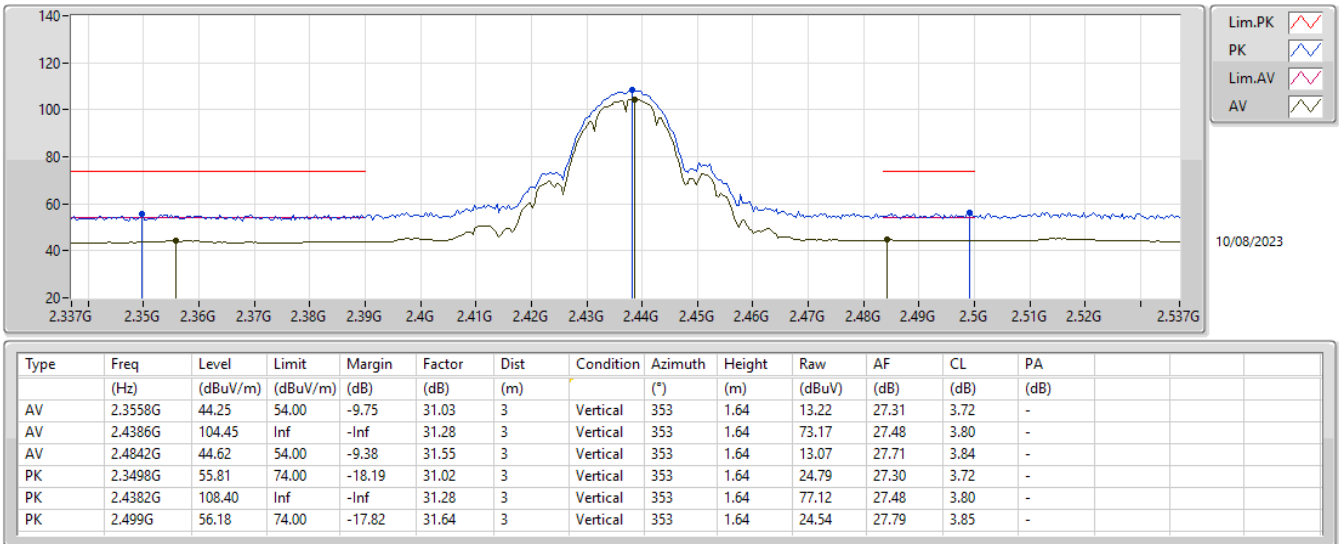
2417MHz_TX



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	4.83391G	46.41	54.00	-7.59	2.63	3	Horizontal	39	1.00	43.78	32.50	5.35	35.22
AV	7.25162G	40.34	54.00	-13.66	7.96	3	Horizontal	359	1.00	32.38	36.80	6.61	35.45
PK	4.83394G	51.01	74.00	-22.99	2.63	3	Horizontal	39	1.00	48.38	32.50	5.35	35.22
PK	7.25245G	52.58	74.00	-21.42	7.96	3	Horizontal	359	1.00	44.62	36.80	6.61	35.45

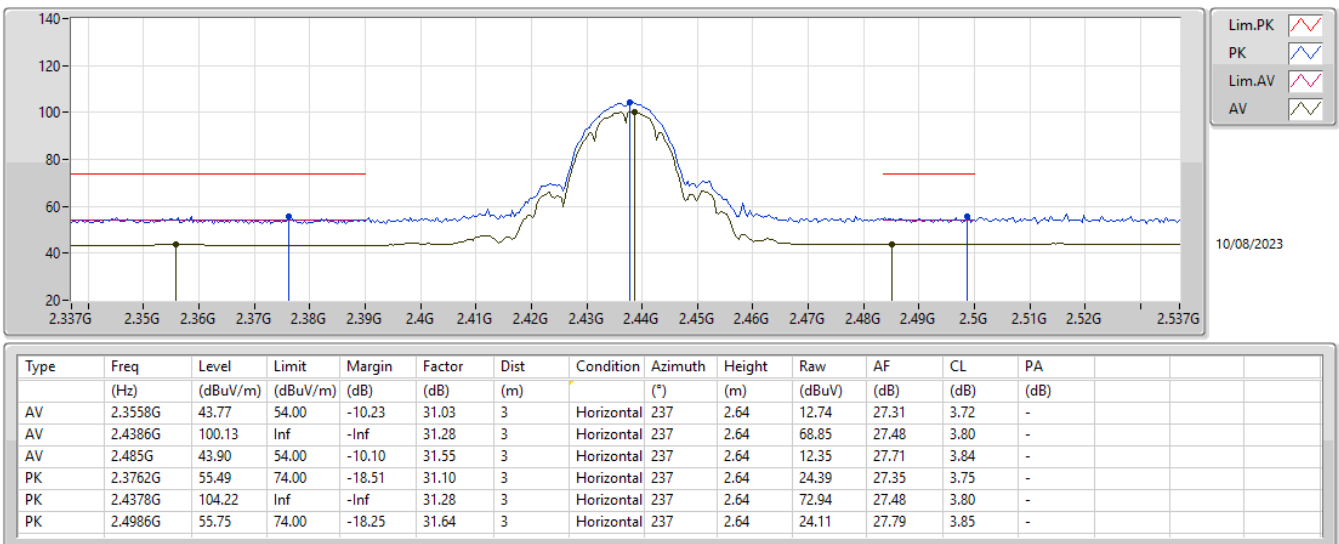
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX



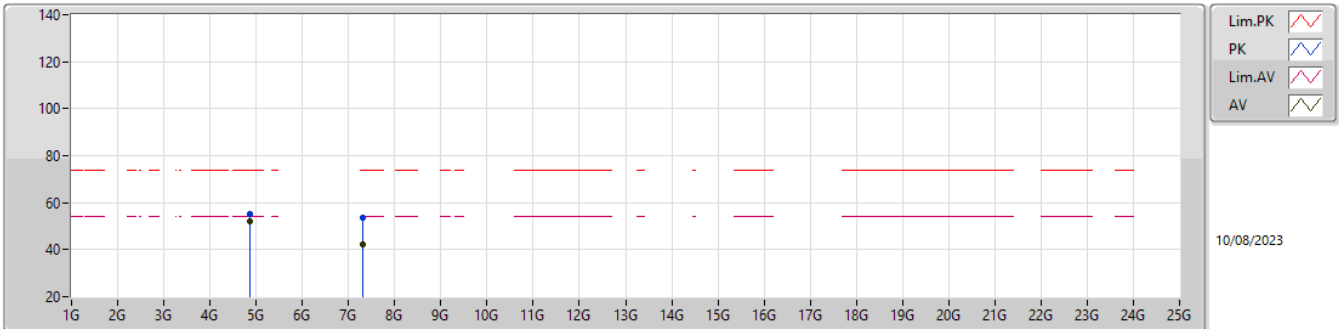
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX



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

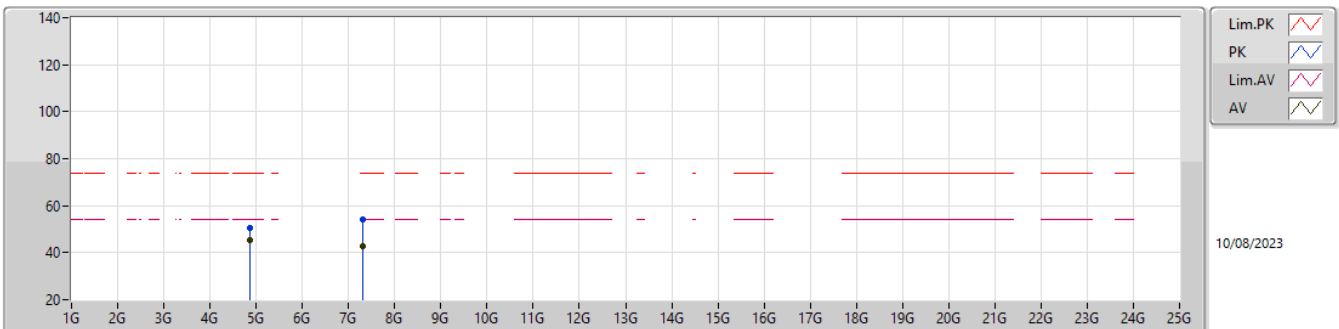
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	4.87393G	51.91	54.00	-2.09	2.77	3	Vertical	205	1.97	49.14	32.60	5.38	35.21				
AV	7.31161G	42.47	54.00	-11.53	7.87	3	Vertical	118	1.91	34.60	36.68	6.64	35.45				
PK	4.87392G	55.07	74.00	-18.93	2.77	3	Vertical	205	1.97	52.30	32.60	5.38	35.21				
PK	7.31185G	53.85	74.00	-20.15	7.87	3	Vertical	118	1.91	45.98	36.68	6.64	35.45				

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

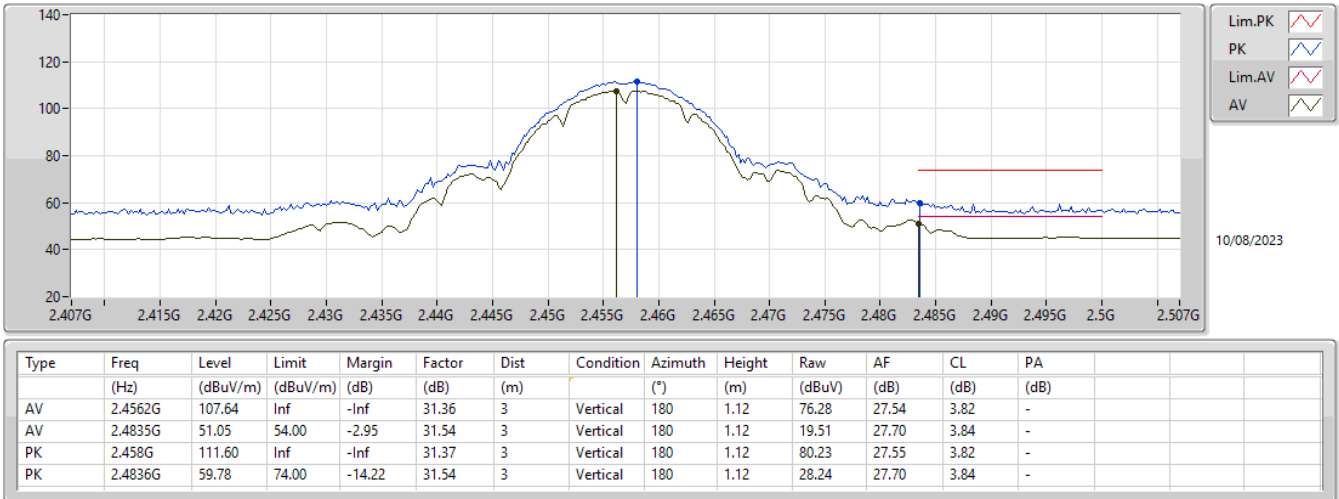
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)			
AV	4.87392G	45.43	54.00	-8.57	2.77	3	Horizontal	245	1.00	42.66	32.60	5.38	35.21			
AV	7.31159G	42.87	54.00	-11.13	7.87	3	Horizontal	177	1.00	35.00	36.68	6.64	35.45			
PK	4.8739G	50.68	74.00	-23.32	2.77	3	Horizontal	245	1.00	47.91	32.60	5.38	35.21			
PK	7.30837G	53.92	74.00	-20.08	7.87	3	Horizontal	177	1.00	46.05	36.68	6.64	35.45			

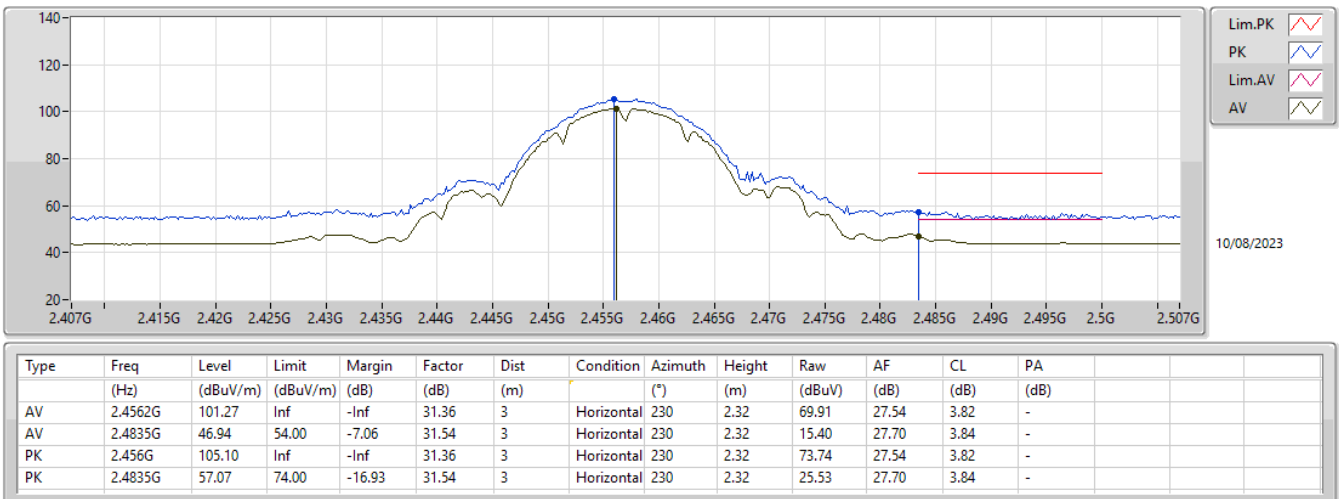
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX



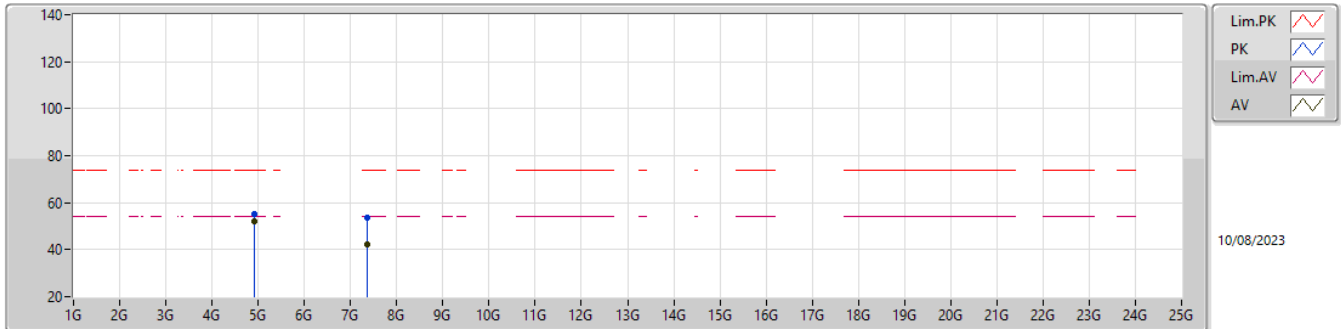
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX



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

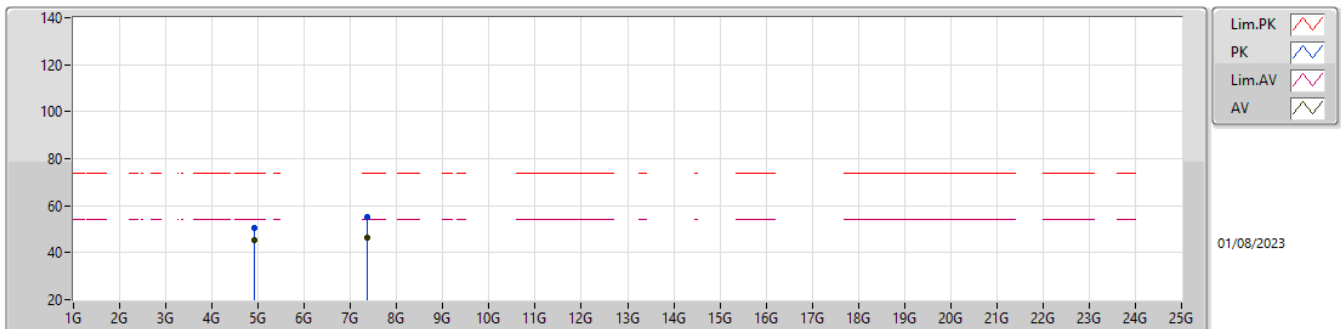
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.9139G	51.96	54.00	-2.04	2.87	3	Vertical	202	2.32	49.09	32.66	5.41	35.20
AV	7.37167G	42.49	54.00	-11.51	7.73	3	Vertical	96	2.09	34.76	36.51	6.67	35.45
PK	4.91397G	55.08	74.00	-18.92	2.87	3	Vertical	202	2.32	52.21	32.66	5.41	35.20
PK	7.37162G	53.55	74.00	-20.45	7.73	3	Vertical	96	2.09	45.82	36.51	6.67	35.45

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

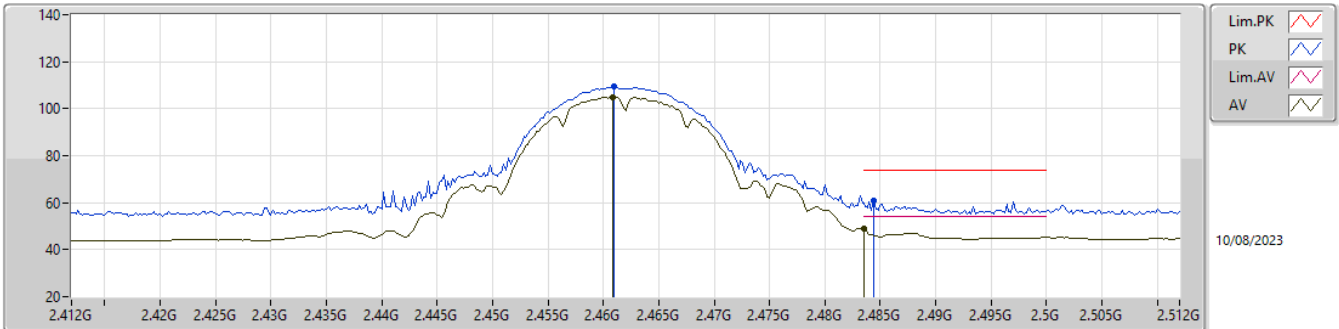
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.91393G	45.54	54.00	-8.46	2.87	3	Horizontal	242	2.16	42.67	32.66	5.41	35.20
AV	7.37164G	46.63	54.00	-7.37	7.73	3	Horizontal	324	2.15	38.90	36.51	6.67	35.45
PK	4.91378G	50.59	74.00	-23.41	2.87	3	Horizontal	242	2.16	47.72	32.66	5.41	35.20
PK	7.37191G	55.32	74.00	-18.68	7.73	3	Horizontal	324	2.15	47.59	36.51	6.67	35.45

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

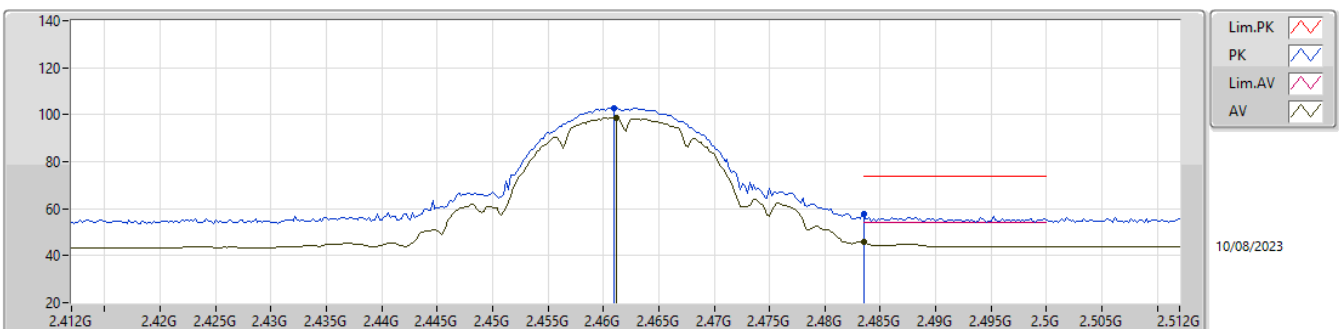
2462MHz_TX



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	2.4608G	104.94	Inf	-Inf	31.38	3	Vertical	182	1.12	73.56	27.56	3.82	-
AV	2.4835G	48.79	54.00	-5.21	31.54	3	Vertical	182	1.12	17.25	27.70	3.84	-
PK	2.461G	109.29	Inf	-Inf	31.39	3	Vertical	182	1.12	77.90	27.57	3.82	-
PK	2.4844G	60.64	74.00	-13.36	31.55	3	Vertical	182	1.12	29.09	27.71	3.84	-

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

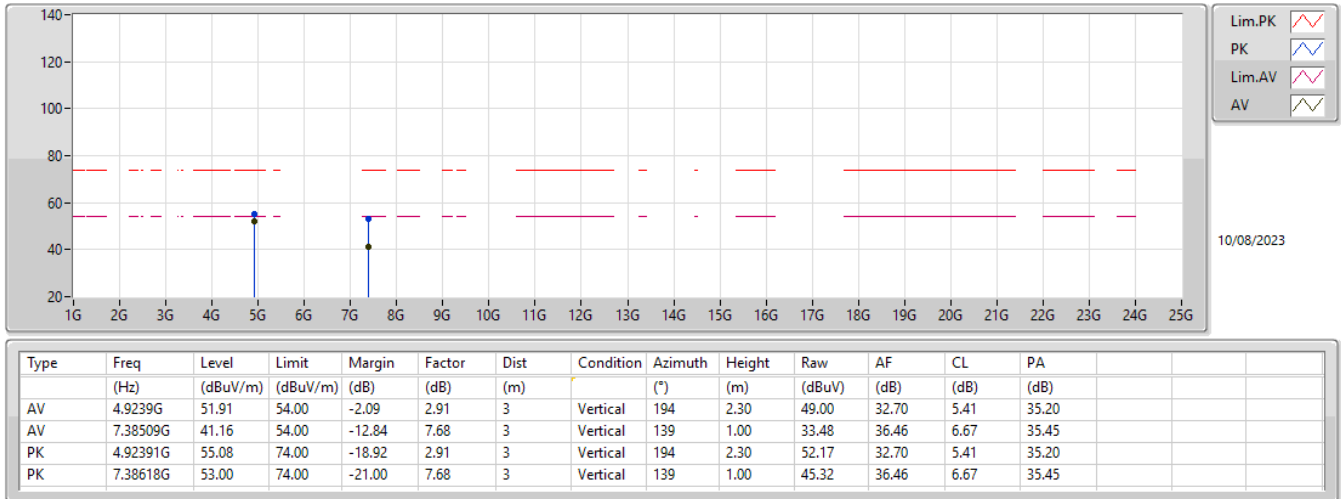
2462MHz_TX



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	2.4612G	98.67	Inf	-Inf	31.39	3	Horizontal	233	2.33	67.28	27.57	3.82	-
AV	2.4835G	45.68	54.00	-8.32	31.54	3	Horizontal	233	2.33	14.14	27.70	3.84	-
PK	2.461G	103.01	Inf	-Inf	31.39	3	Horizontal	233	2.33	71.62	27.57	3.82	-
PK	2.4835G	57.85	74.00	-16.15	31.54	3	Horizontal	233	2.33	26.31	27.70	3.84	-

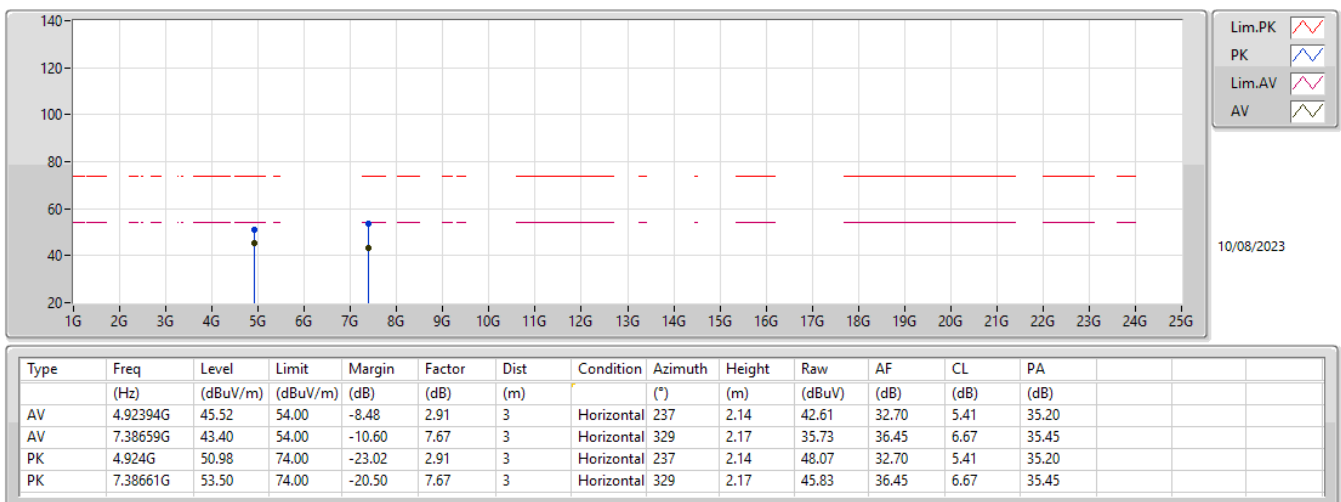
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



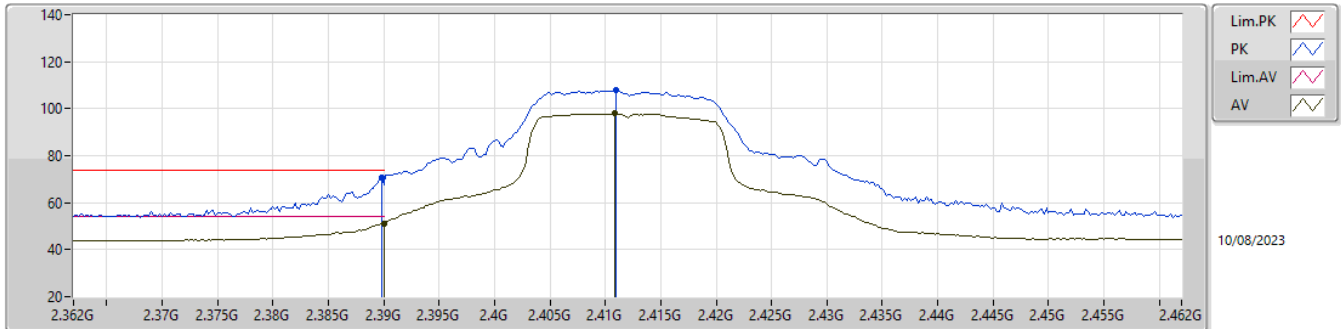
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



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

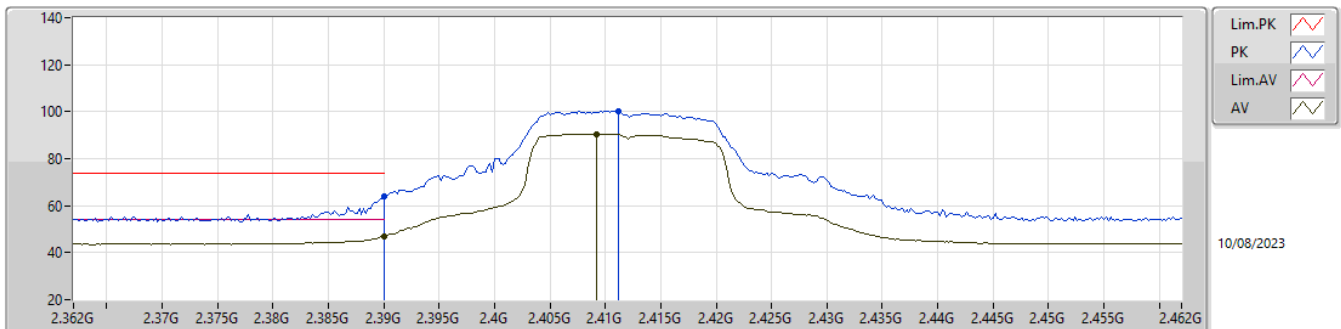
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.14	54.00	-2.86	31.14	3	Vertical	157	1.50	20.00	27.38	3.76	-
AV	2.4108G	97.89	Inf	-Inf	31.20	3	Vertical	157	1.50	66.69	27.42	3.78	-
PK	2.3898G	70.59	74.00	-3.41	31.14	3	Vertical	157	1.50	39.45	27.38	3.76	-
PK	2.411G	107.85	Inf	-Inf	31.20	3	Vertical	157	1.50	76.65	27.42	3.78	-

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

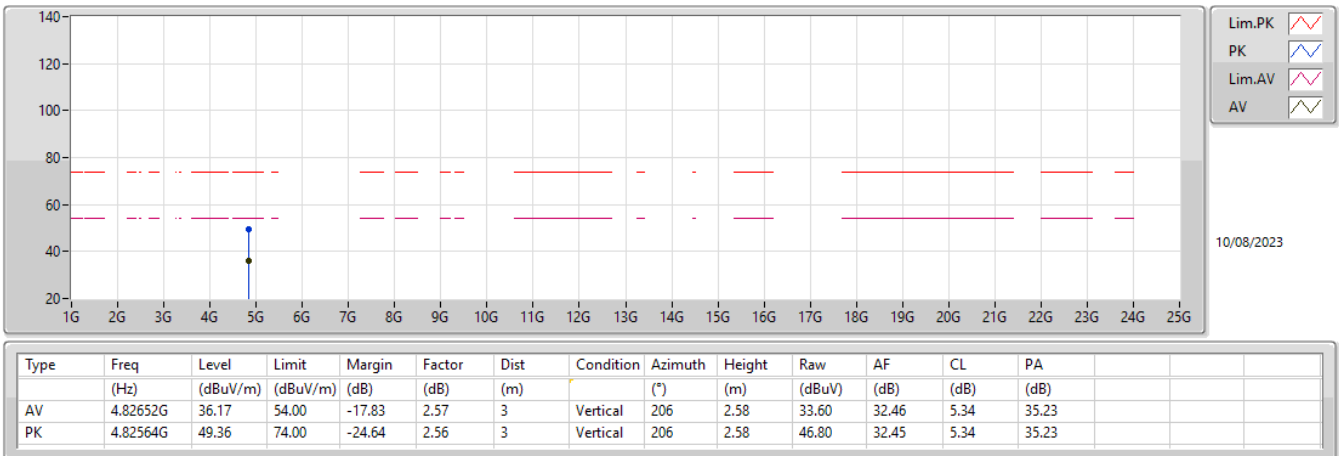
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	46.84	54.00	-7.16	31.14	3	Horizontal	244	1.50	15.70	27.38	3.76	-
AV	2.4092G	90.49	Inf	-Inf	31.20	3	Horizontal	244	1.50	59.29	27.42	3.78	-
PK	2.39G	63.82	74.00	-10.18	31.14	3	Horizontal	244	1.50	32.68	27.38	3.76	-
PK	2.4112G	100.32	Inf	-Inf	31.20	3	Horizontal	244	1.50	69.12	27.42	3.78	-

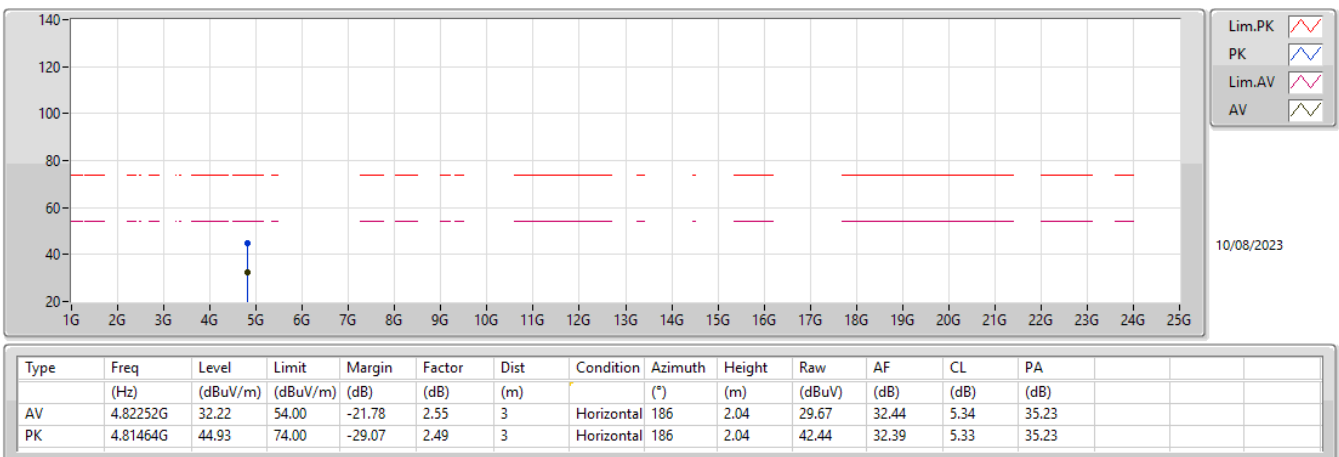
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX



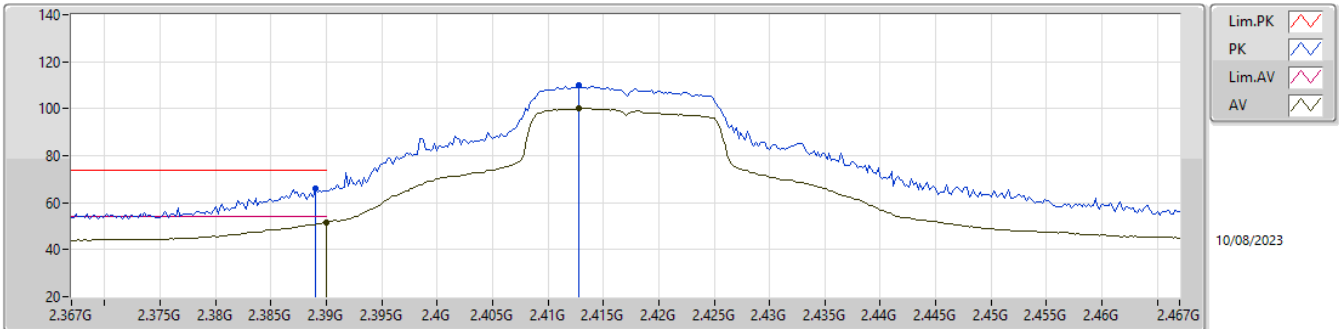
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX



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

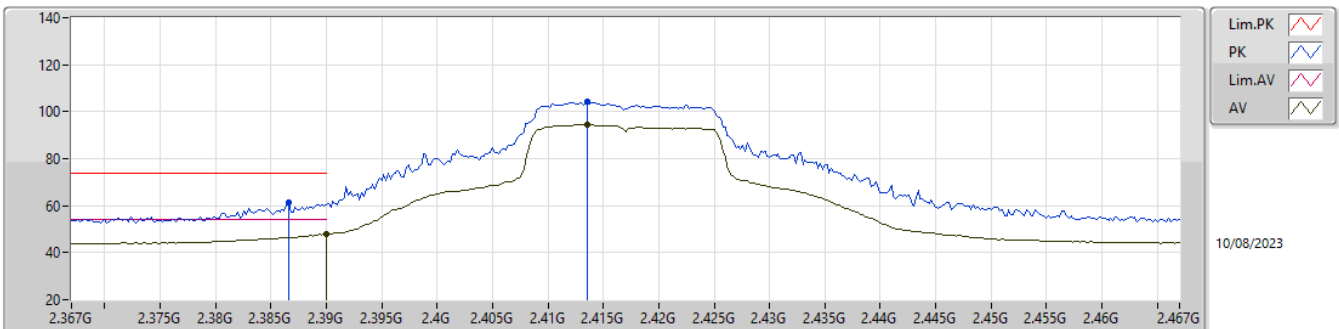
2417MHz_TX



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	2.39G	51.43	54.00	-2.57	31.14	3	Vertical	171	1.09	20.29	27.38	3.76	-
AV	2.4128G	100.08	Inf	-Inf	31.21	3	Vertical	171	1.09	68.87	27.43	3.78	-
PK	2.389G	65.86	74.00	-8.14	31.14	3	Vertical	171	1.09	34.72	27.38	3.76	-
PK	2.4128G	109.80	Inf	-Inf	31.21	3	Vertical	171	1.09	78.59	27.43	3.78	-

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

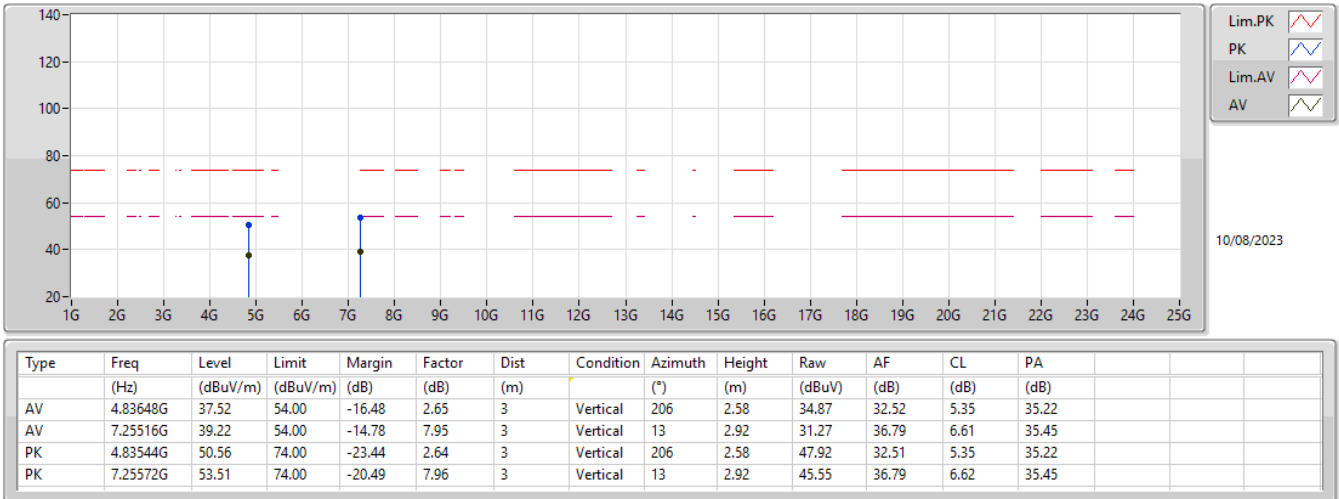
2417MHz_TX



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	2.39G	47.82	54.00	-6.18	31.14	3	Horizontal	240	2.72	16.68	27.38	3.76	-
AV	2.4136G	94.48	Inf	-Inf	31.21	3	Horizontal	240	2.72	63.27	27.43	3.78	-
PK	2.3866G	61.51	74.00	-12.49	31.13	3	Horizontal	240	2.72	30.38	27.37	3.76	-
PK	2.4136G	104.09	Inf	-Inf	31.21	3	Horizontal	240	2.72	72.88	27.43	3.78	-

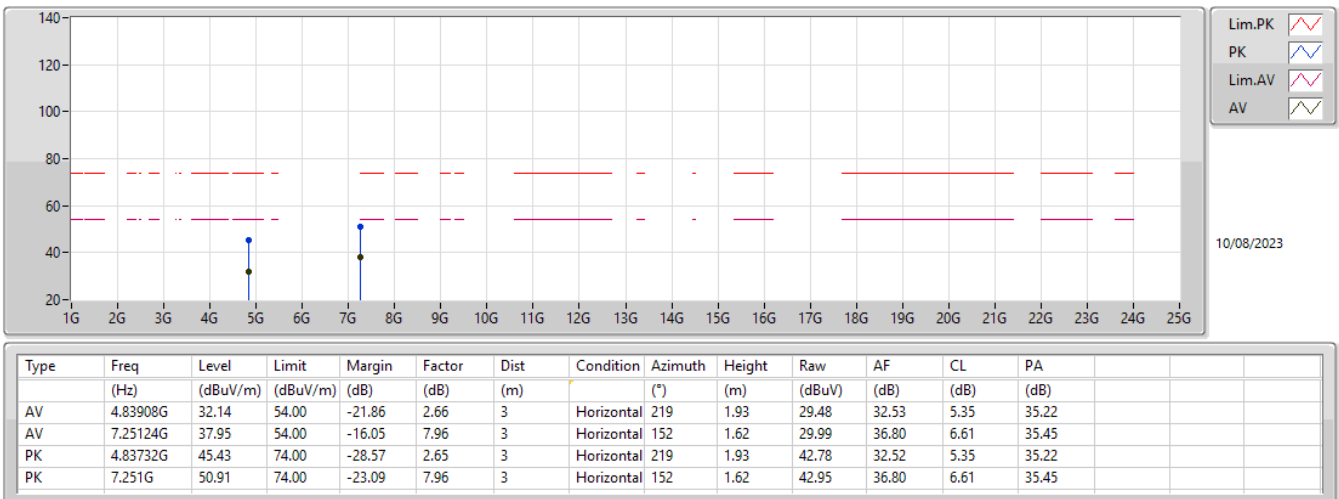
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX



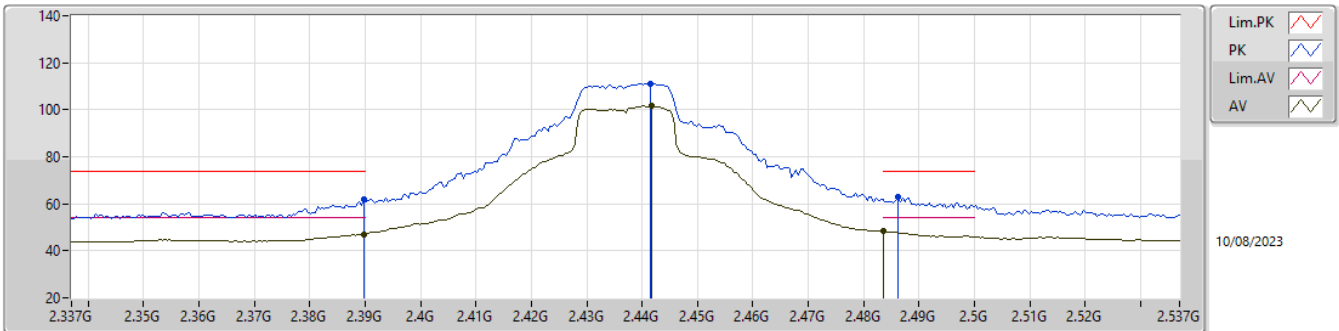
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX



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

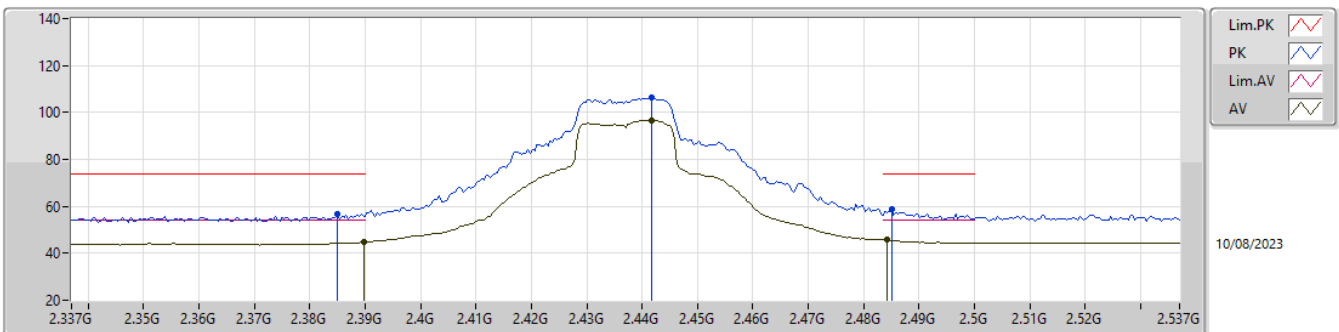
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.03	54.00	-6.97	31.14	3	Vertical	178	1.20	15.89	27.38	3.76	-
AV	2.4418G	101.53	Inf	-Inf	31.29	3	Vertical	178	1.20	70.24	27.48	3.81	-
AV	2.4835G	48.47	54.00	-5.53	31.54	3	Vertical	178	1.20	16.93	27.70	3.84	-
PK	2.3898G	61.89	74.00	-12.11	31.14	3	Vertical	178	1.20	30.75	27.38	3.76	-
PK	2.4414G	111.23	Inf	-Inf	31.29	3	Vertical	178	1.20	79.94	27.48	3.81	-
PK	2.4862G	62.74	74.00	-11.26	31.56	3	Vertical	178	1.20	31.18	27.72	3.84	-

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

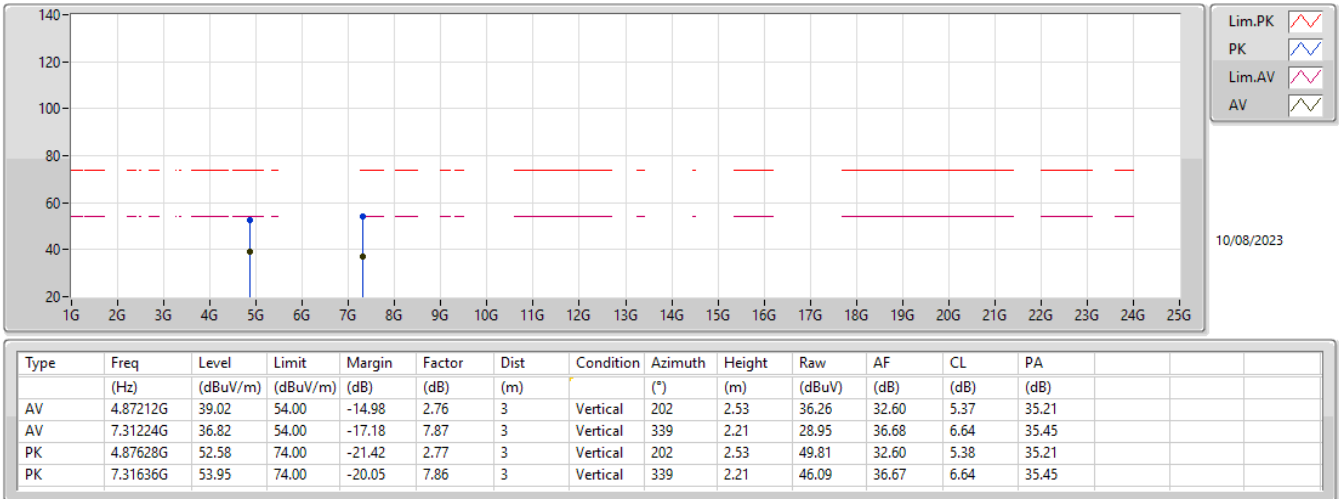
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	44.63	54.00	-9.37	31.14	3	Horizontal	224	2.96	13.49	27.38	3.76	-
AV	2.4418G	96.56	Inf	-Inf	31.29	3	Horizontal	224	2.96	65.27	27.48	3.81	-
AV	2.4842G	45.64	54.00	-8.36	31.55	3	Horizontal	224	2.96	14.09	27.71	3.84	-
PK	2.385G	56.63	74.00	-17.37	31.12	3	Horizontal	224	2.96	25.51	27.37	3.75	-
PK	2.4418G	106.21	Inf	-Inf	31.29	3	Horizontal	224	2.96	74.92	27.48	3.81	-
PK	2.485G	58.81	74.00	-15.19	31.55	3	Horizontal	224	2.96	27.26	27.71	3.84	-

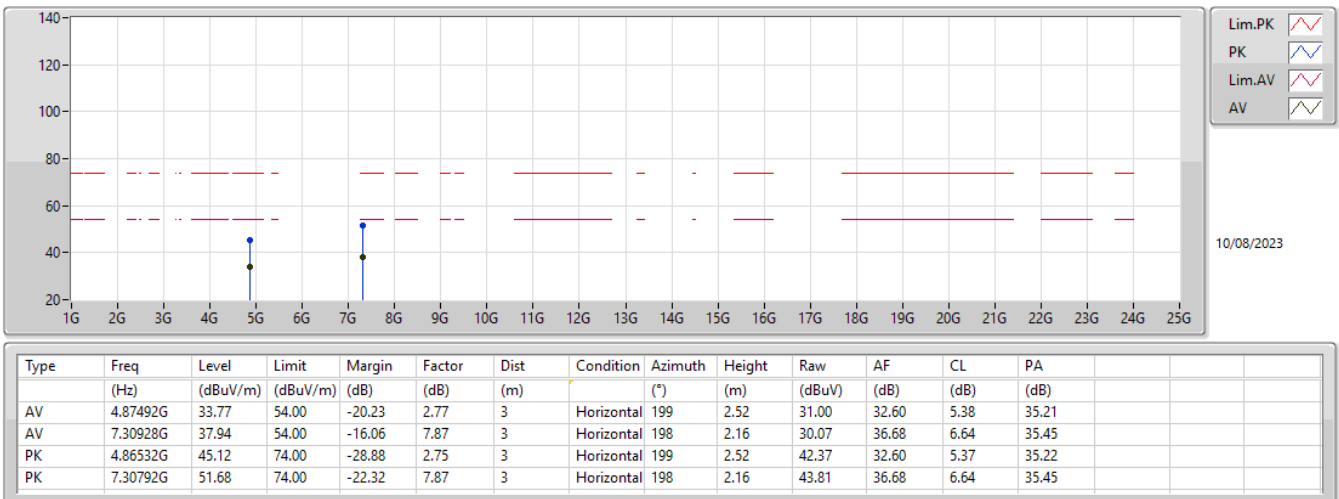
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX



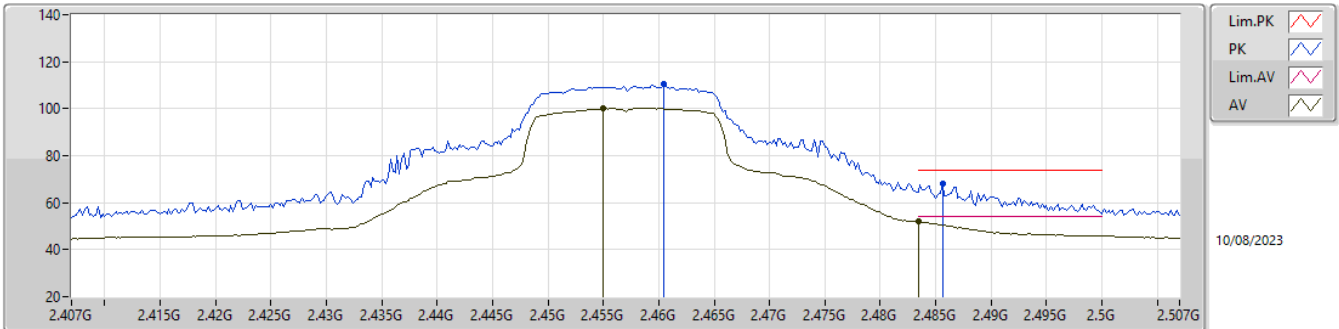
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX



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

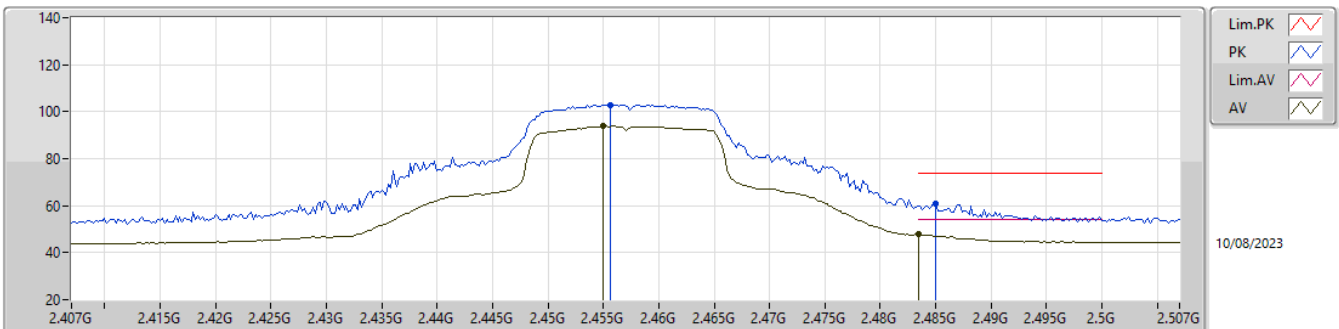
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.455G	100.16	Inf	-Inf	31.35	3	Vertical	181	1.08	68.81	27.53	3.82	-
AV	2.4835G	51.90	54.00	-2.10	31.54	3	Vertical	181	1.08	20.36	27.70	3.84	-
PK	2.4604G	110.38	Inf	-Inf	31.38	3	Vertical	181	1.08	79.00	27.56	3.82	-
PK	2.4856G	67.87	74.00	-6.13	31.55	3	Vertical	181	1.08	36.32	27.71	3.84	-

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

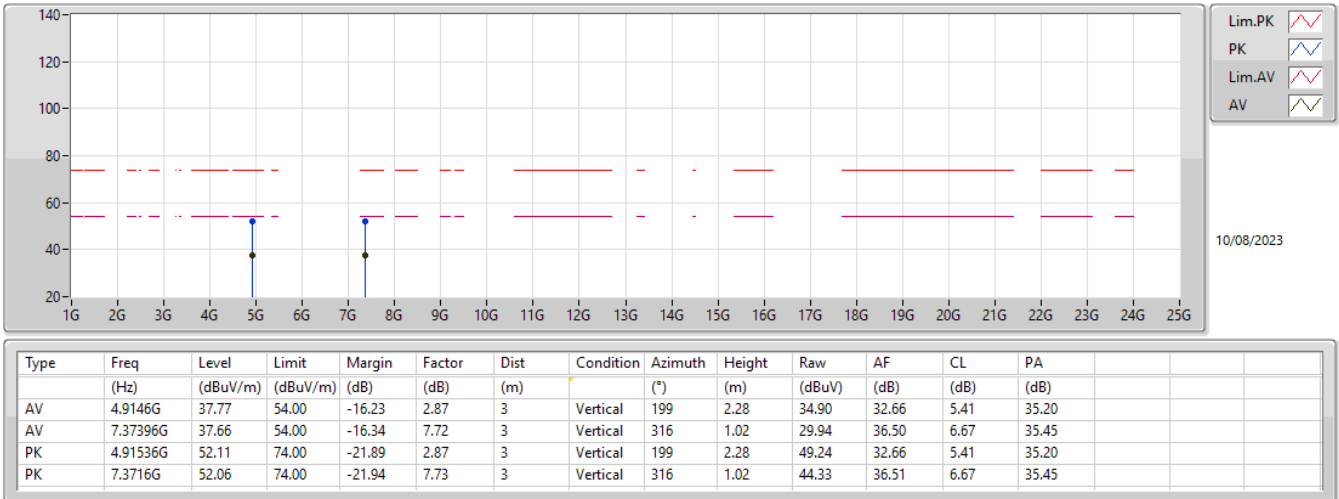
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.455G	93.85	Inf	-Inf	31.35	3	Horizontal	234	2.34	62.50	27.53	3.82	-
AV	2.4835G	47.82	54.00	-6.18	31.54	3	Horizontal	234	2.34	16.28	27.70	3.84	-
PK	2.4556G	102.93	Inf	-Inf	31.35	3	Horizontal	234	2.34	71.58	27.53	3.82	-
PK	2.485G	61.00	74.00	-13.00	31.55	3	Horizontal	234	2.34	29.45	27.71	3.84	-

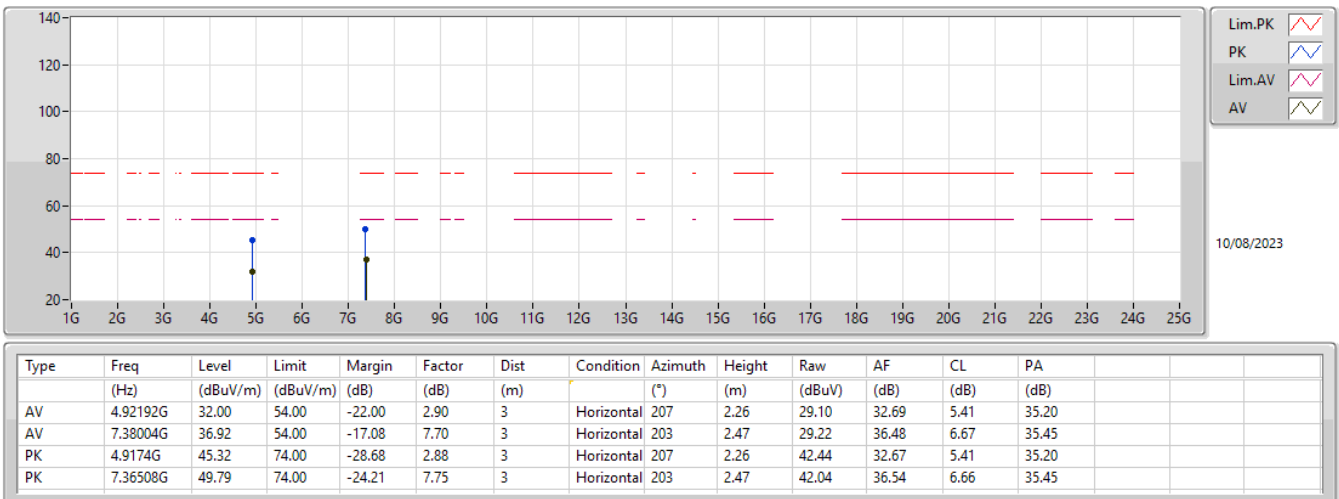
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX



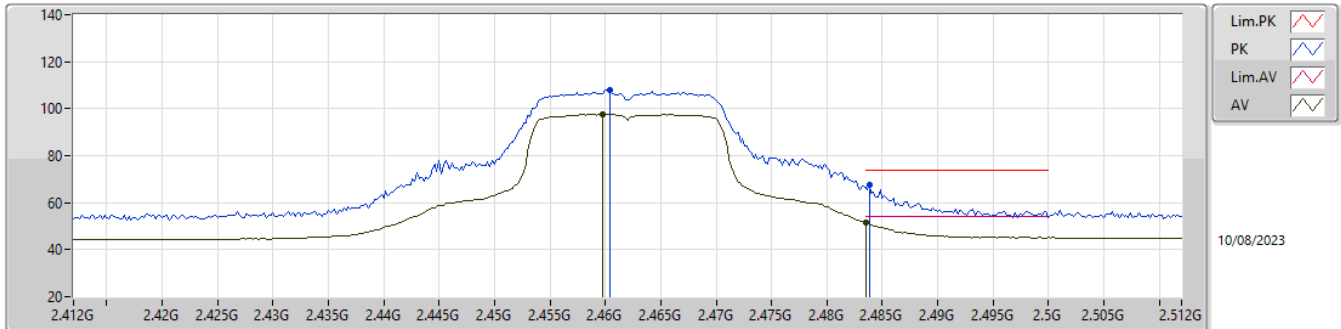
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX



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

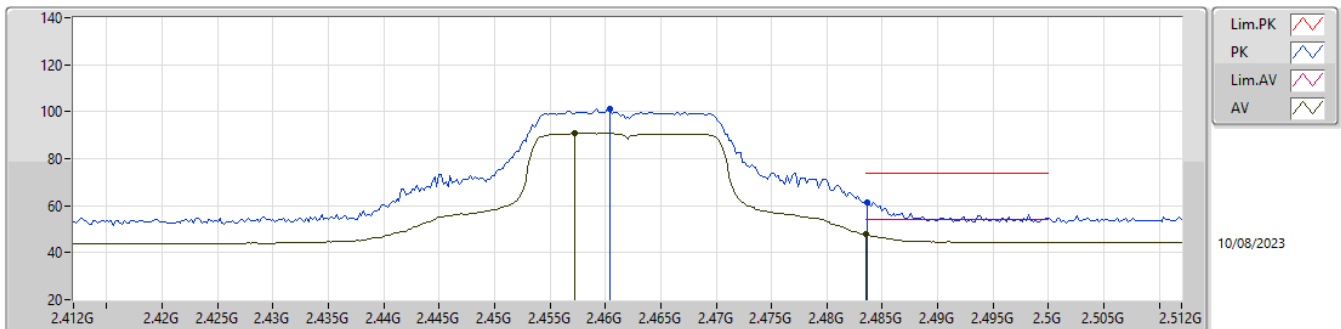
2462MHz_TX



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	2.4598G	97.53	Inf	-Inf	31.38	3	Vertical	0	1.00	66.15	27.56	3.82	-
AV	2.4835G	51.64	54.00	-2.36	31.54	3	Vertical	0	1.00	20.10	27.70	3.84	-
PK	2.4604G	107.87	Inf	-Inf	31.38	3	Vertical	0	1.00	76.49	27.56	3.82	-
PK	2.4838G	67.36	74.00	-6.64	31.54	3	Vertical	0	1.00	35.82	27.70	3.84	-

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

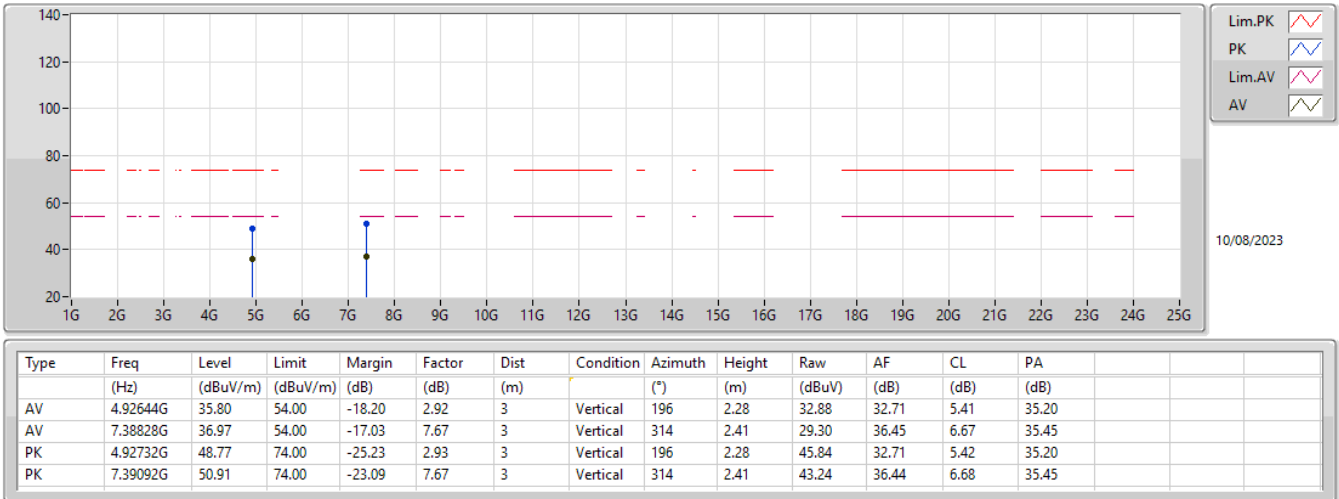
2462MHz_TX



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	2.4572G	90.89	Inf	-Inf	31.36	3	Horizontal	240	2.76	59.53	27.54	3.82	-
AV	2.4835G	47.82	54.00	-6.18	31.54	3	Horizontal	240	2.76	16.28	27.70	3.84	-
PK	2.4604G	101.22	Inf	-Inf	31.38	3	Horizontal	240	2.76	69.84	27.56	3.82	-
PK	2.4836G	61.47	74.00	-12.53	31.54	3	Horizontal	240	2.76	29.93	27.70	3.84	-

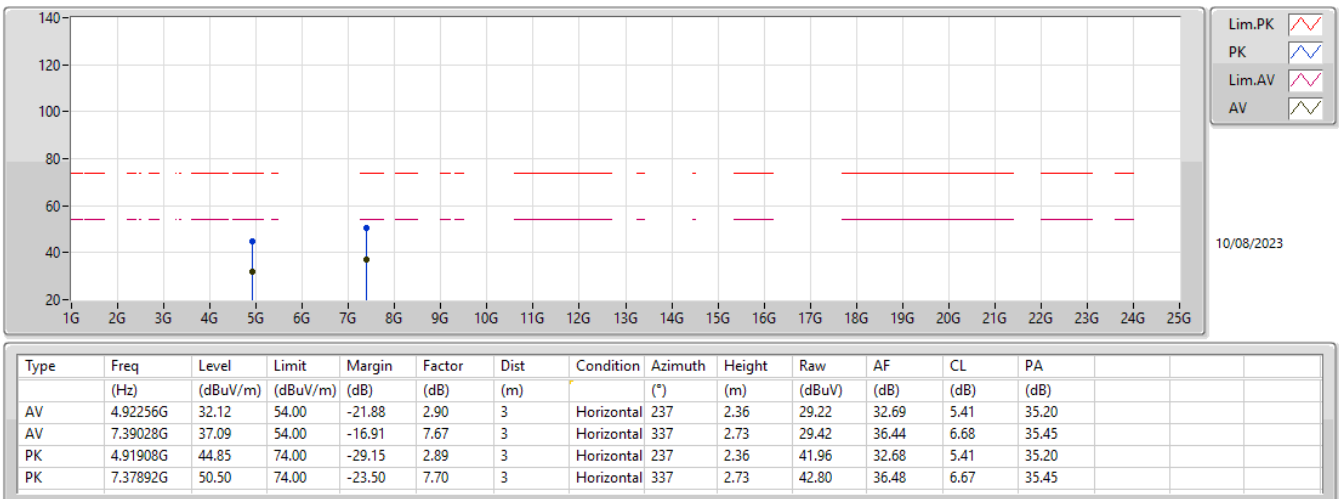
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



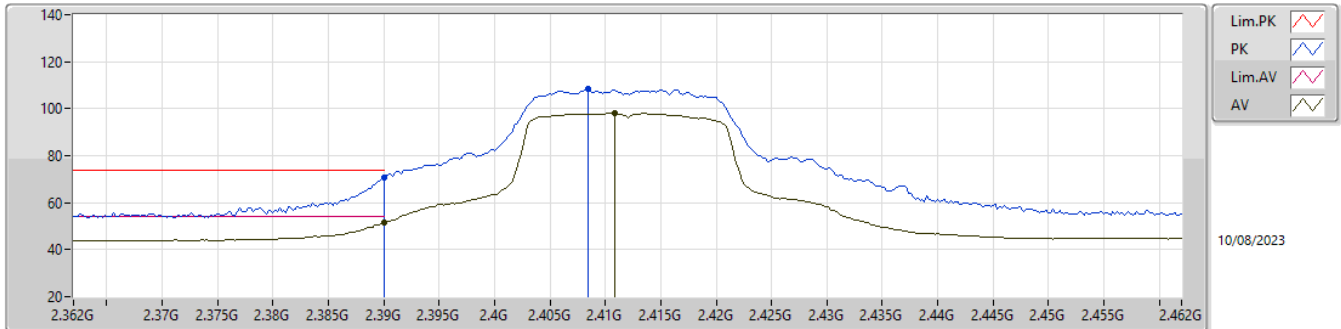
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



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

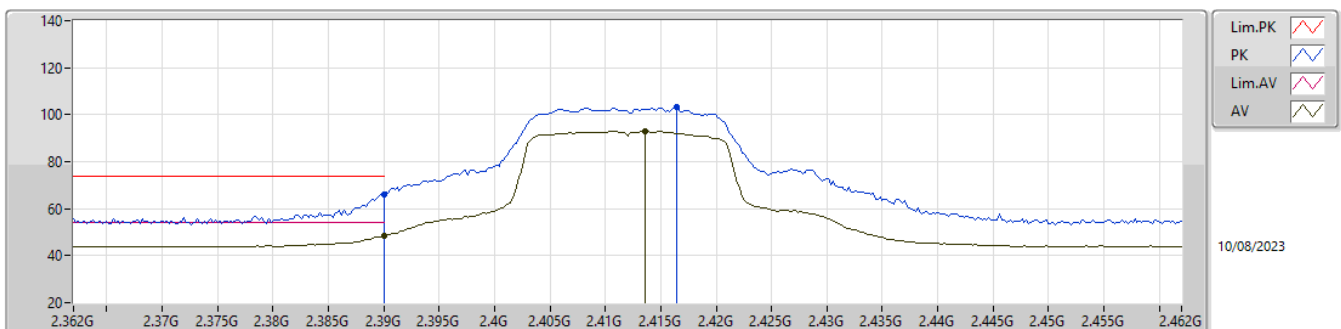
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.33	54.00	-2.67	31.14	3	Vertical	181	1.06	20.19	27.38	3.76	-
AV	2.4108G	97.98	Inf	-Inf	31.20	3	Vertical	181	1.06	66.78	27.42	3.78	-
PK	2.39G	70.60	74.00	-3.40	31.14	3	Vertical	181	1.06	39.46	27.38	3.76	-
PK	2.4084G	108.20	Inf	-Inf	31.20	3	Vertical	181	1.06	77.00	27.42	3.78	-

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

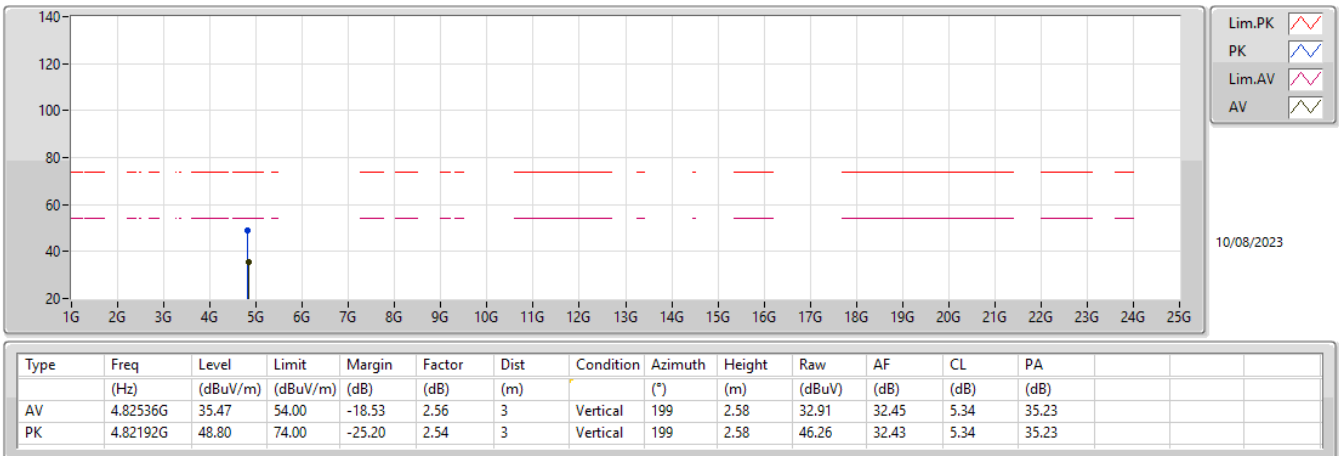
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	48.34	54.00	-5.66	31.14	3	Horizontal	212	2.98	17.20	27.38	3.76	-
AV	2.4136G	92.98	Inf	-Inf	31.21	3	Horizontal	212	2.98	61.77	27.43	3.78	-
PK	2.39G	66.24	74.00	-7.76	31.14	3	Horizontal	212	2.98	35.10	27.38	3.76	-
PK	2.4164G	103.27	Inf	-Inf	31.21	3	Horizontal	212	2.98	72.06	27.43	3.78	-

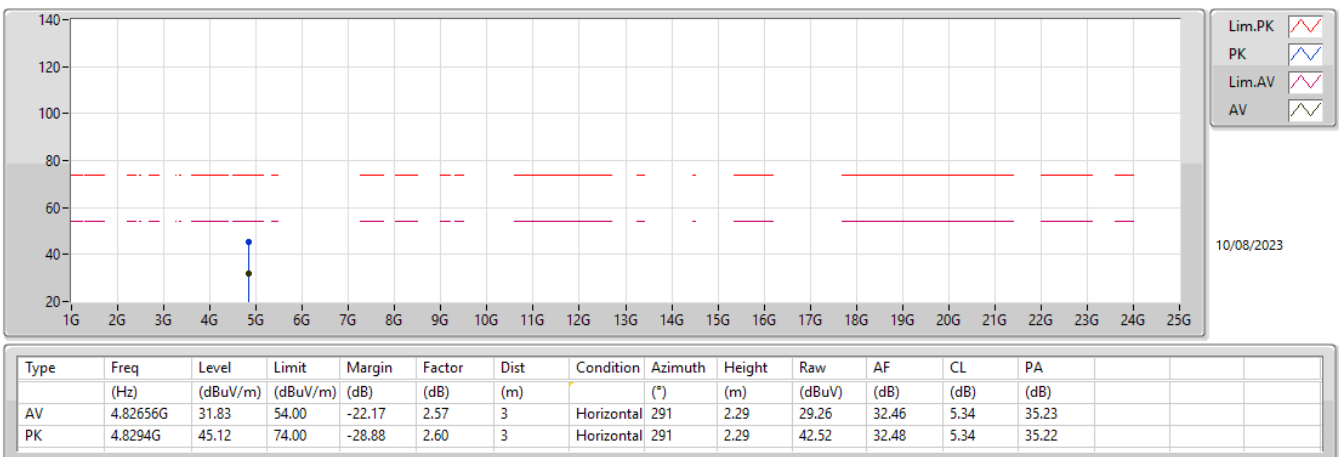
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2412MHz_TX



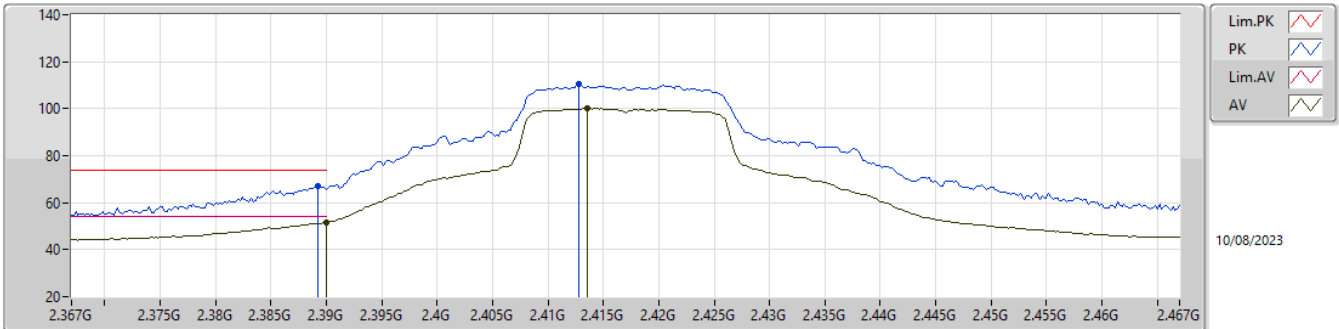
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2412MHz_TX



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

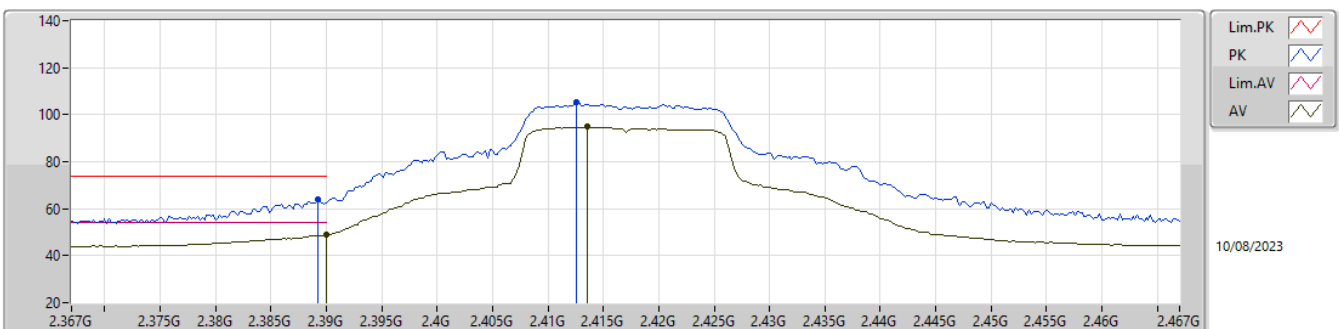
2417MHz_TX



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	2.39G	51.53	54.00	-2.47	31.14	3	Vertical	194	1.36	20.39	27.38	3.76	-
AV	2.4136G	100.02	Inf	-Inf	31.21	3	Vertical	194	1.36	68.81	27.43	3.78	-
PK	2.3892G	66.87	74.00	-7.13	31.14	3	Vertical	194	1.36	35.73	27.38	3.76	-
PK	2.4126G	110.43	Inf	-Inf	31.21	3	Vertical	194	1.36	79.22	27.43	3.78	-

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

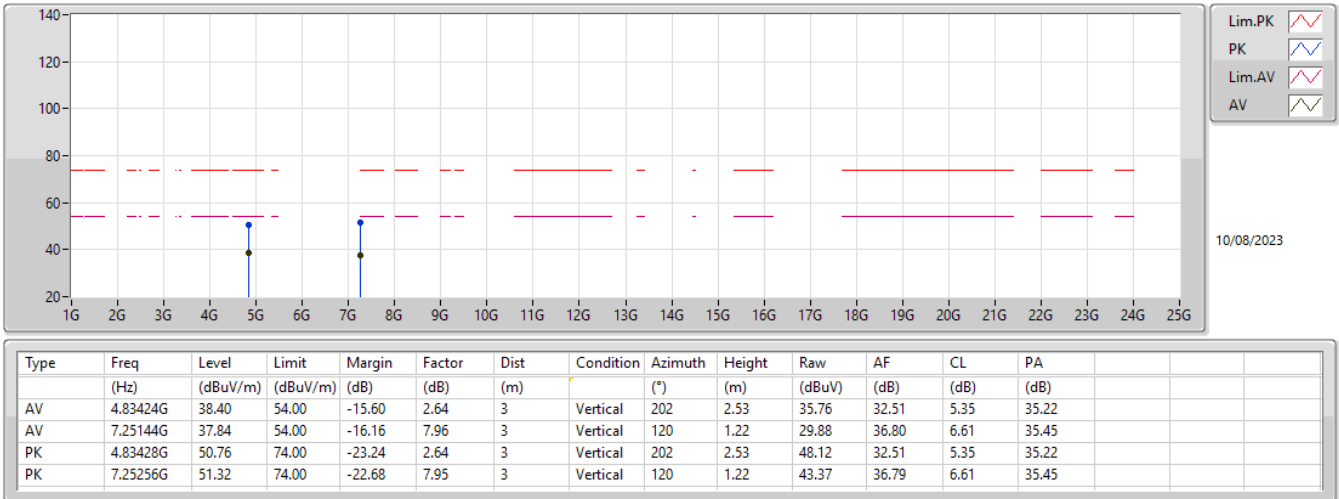
2417MHz_TX



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	2.39G	48.95	54.00	-5.05	31.14	3	Horizontal	242	2.71	17.81	27.38	3.76	-
AV	2.4136G	94.80	Inf	-Inf	31.21	3	Horizontal	242	2.71	63.59	27.43	3.78	-
PK	2.3892G	63.85	74.00	-10.15	31.14	3	Horizontal	242	2.71	32.71	27.38	3.76	-
PK	2.4126G	105.20	Inf	-Inf	31.21	3	Horizontal	242	2.71	73.99	27.43	3.78	-

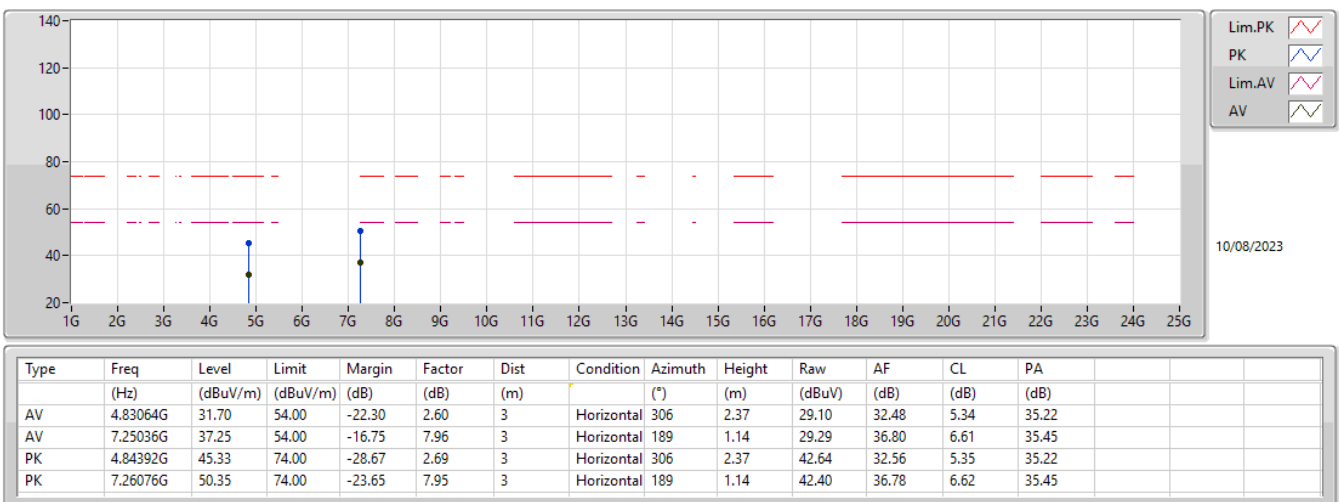
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2417MHz_TX



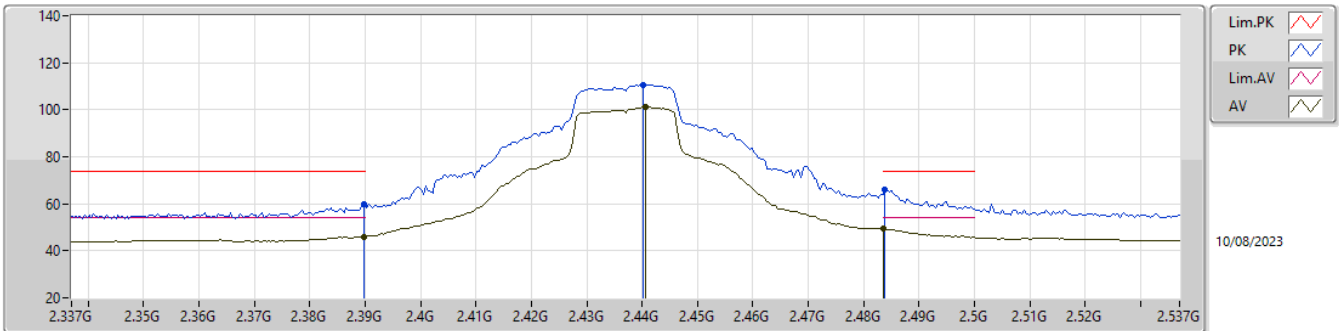
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2417MHz_TX



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

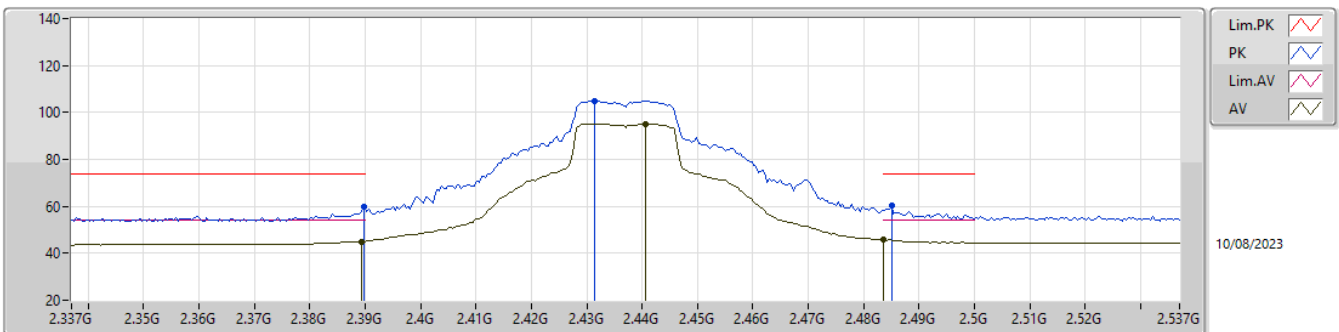
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	45.99	54.00	-8.01	31.14	3	Vertical	198	2.36	14.85	27.38	3.76	-
AV	2.4406G	101.24	Inf	-Inf	31.28	3	Vertical	198	2.36	69.96	27.48	3.80	-
AV	2.4835G	49.41	54.00	-4.59	31.54	3	Vertical	198	2.36	17.87	27.70	3.84	-
PK	2.3898G	59.63	74.00	-14.37	31.14	3	Vertical	198	2.36	28.49	27.38	3.76	-
PK	2.4402G	110.77	Inf	-Inf	31.28	3	Vertical	198	2.36	79.49	27.48	3.80	-
PK	2.4838G	66.08	74.00	-7.92	31.54	3	Vertical	198	2.36	34.54	27.70	3.84	-

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

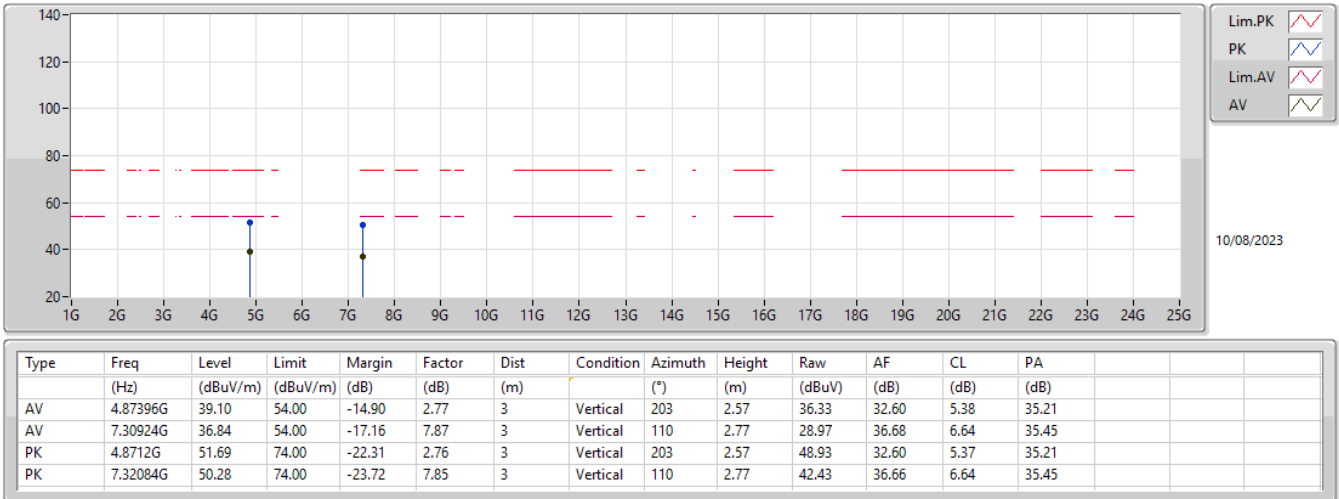
2437MHz_TX



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	45.08	54.00	-8.92	31.14	3	Horizontal	232	2.71	13.94	27.38	3.76	-
AV	2.4406G	95.16	Inf	-Inf	31.28	3	Horizontal	232	2.71	63.88	27.48	3.80	-
AV	2.4835G	45.76	54.00	-8.24	31.54	3	Horizontal	232	2.71	14.22	27.70	3.84	-
PK	2.3898G	59.71	74.00	-14.29	31.14	3	Horizontal	232	2.71	28.57	27.38	3.76	-
PK	2.4314G	104.77	Inf	-Inf	31.26	3	Horizontal	232	2.71	73.51	27.46	3.80	-
PK	2.485G	60.57	74.00	-13.43	31.55	3	Horizontal	232	2.71	29.02	27.71	3.84	-

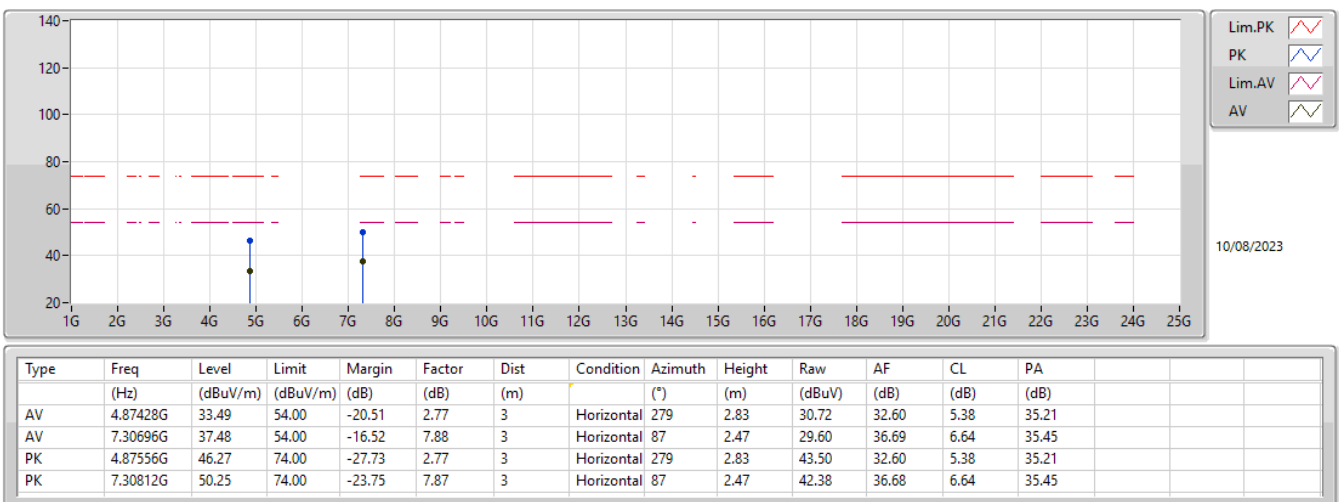
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2437MHz_TX



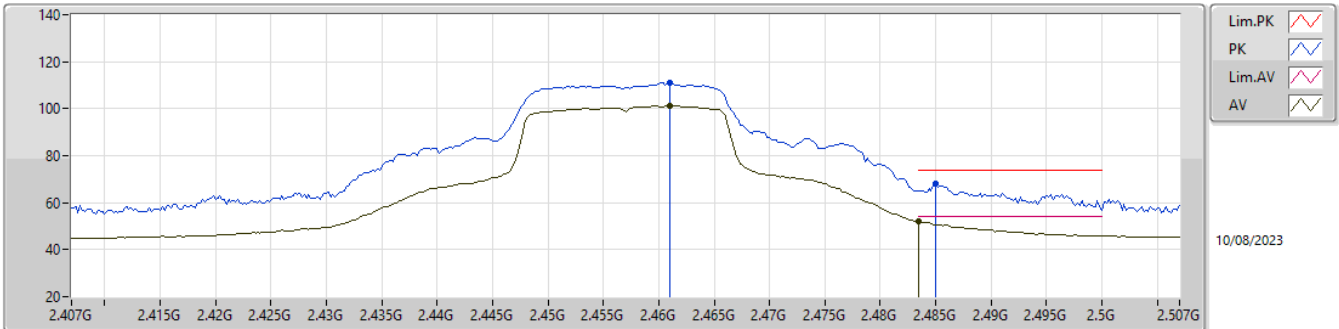
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2437MHz_TX



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

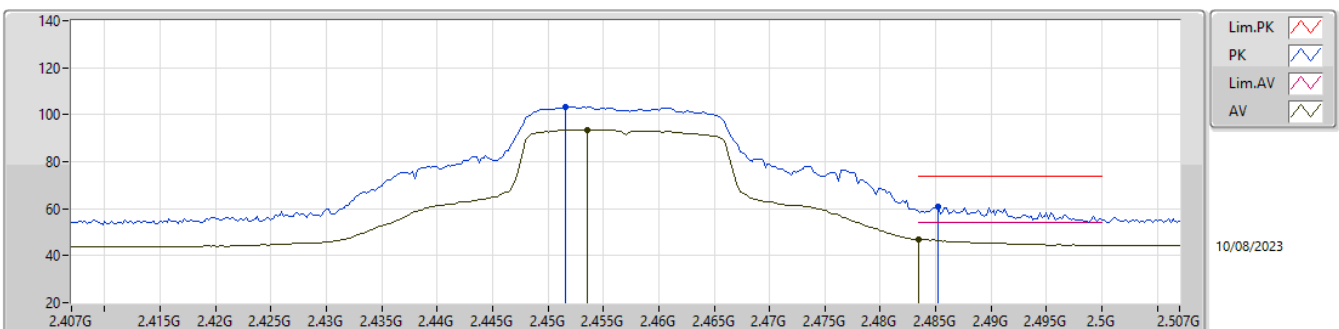
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.461G	101.20	Inf	-Inf	31.39	3	Vertical	0	1.00	69.81	27.57	3.82	-
AV	2.4835G	51.82	54.00	-2.18	31.54	3	Vertical	0	1.00	20.28	27.70	3.84	-
PK	2.461G	111.23	Inf	-Inf	31.39	3	Vertical	0	1.00	79.84	27.57	3.82	-
PK	2.485G	67.92	74.00	-6.08	31.55	3	Vertical	0	1.00	36.37	27.71	3.84	-

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

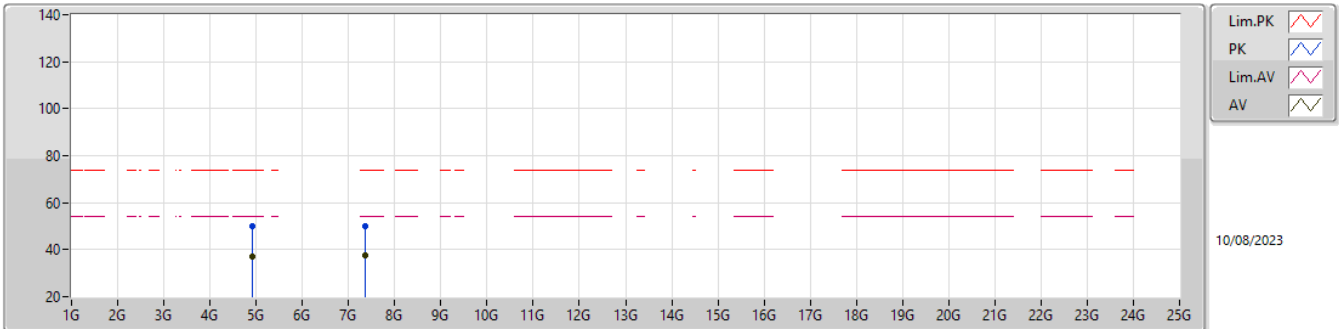
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4536G	93.68	Inf	-Inf	31.34	3	Horizontal	335	1.50	62.34	27.52	3.82	-
AV	2.4835G	46.93	54.00	-7.07	31.54	3	Horizontal	335	1.50	15.39	27.70	3.84	-
PK	2.4516G	103.28	Inf	-Inf	31.32	3	Horizontal	335	1.50	71.96	27.51	3.81	-
PK	2.4852G	60.72	74.00	-13.28	31.55	3	Horizontal	335	1.50	29.17	27.71	3.84	-

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

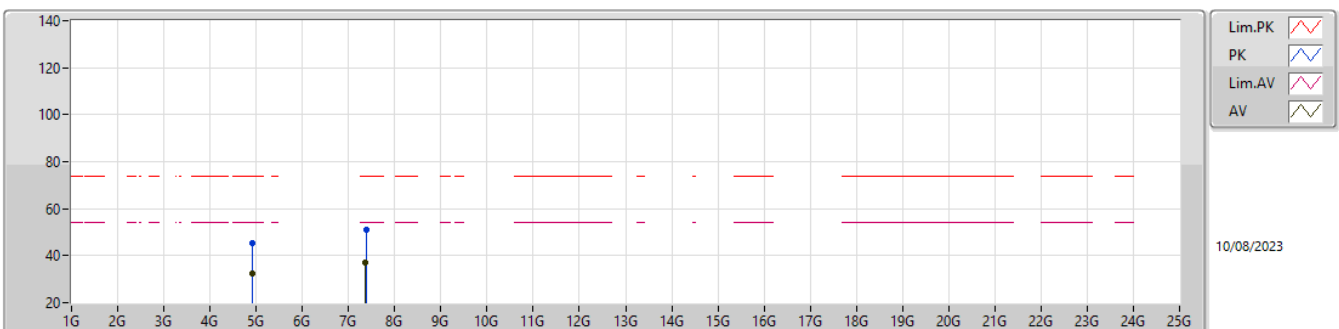
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91364G	37.02	54.00	-16.98	2.86	3	Vertical	198	2.75	34.16	32.65	5.41	35.20
AV	7.373G	37.70	54.00	-16.30	7.73	3	Vertical	286	1.39	29.97	36.51	6.67	35.45
PK	4.91216G	49.95	74.00	-24.05	2.85	3	Vertical	198	2.75	47.10	32.65	5.40	35.20
PK	7.36536G	49.96	74.00	-24.04	7.75	3	Vertical	286	1.39	42.21	36.54	6.66	35.45

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

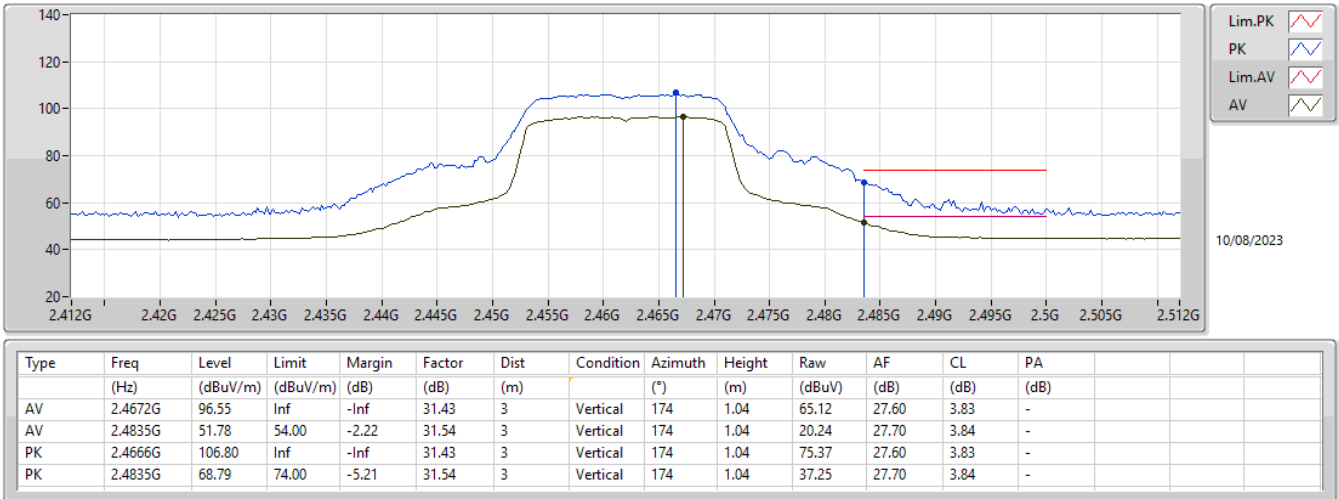
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91364G	32.33	54.00	-21.67	2.87	3	Horizontal	324	2.02	29.46	32.66	5.41	35.20
AV	7.36864G	37.09	54.00	-16.91	7.75	3	Horizontal	319	1.40	29.34	36.53	6.67	35.45
PK	4.91864G	45.20	74.00	-28.80	2.88	3	Horizontal	324	2.02	42.32	32.67	5.41	35.20
PK	7.37708G	51.03	74.00	-22.97	7.71	3	Horizontal	319	1.40	43.32	36.49	6.67	35.45

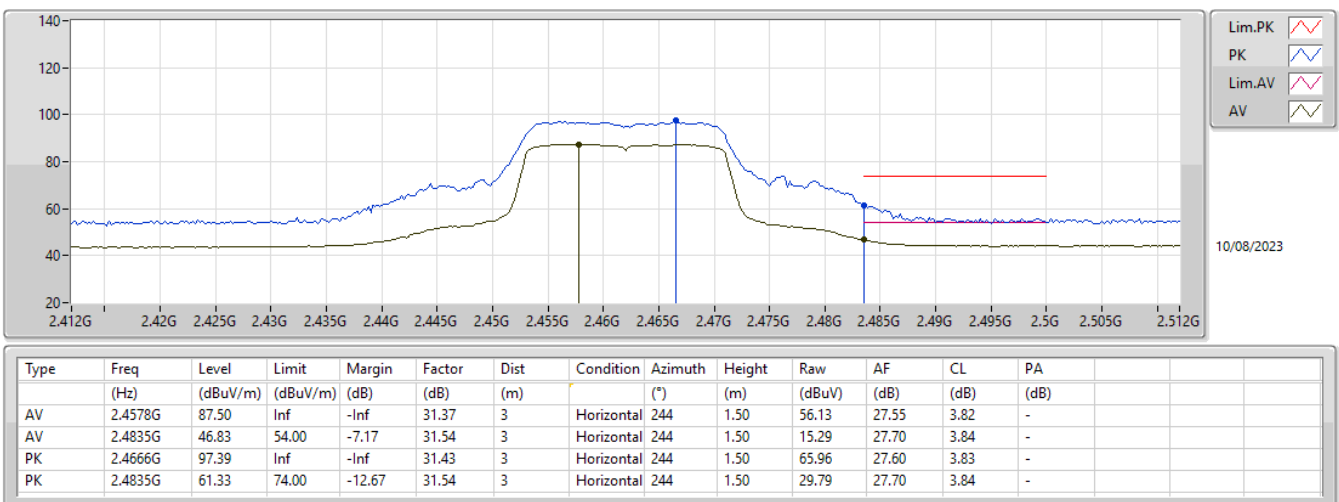
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2462MHz_TX



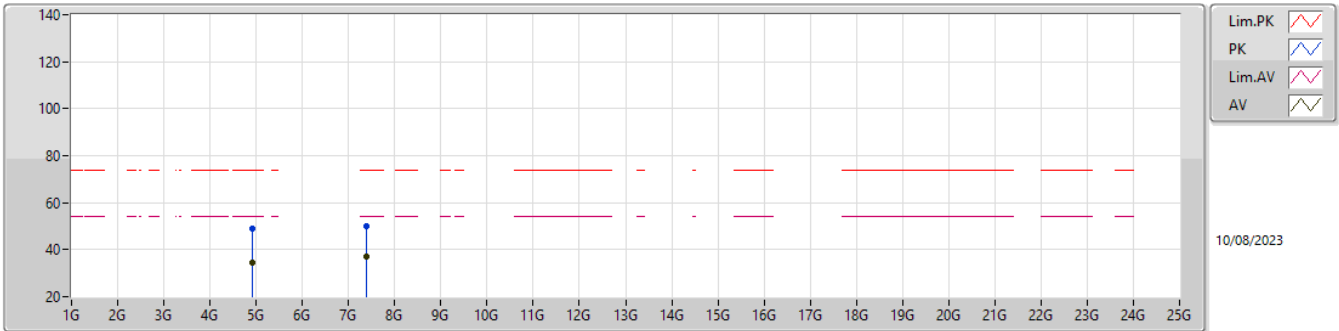
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2462MHz_TX



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

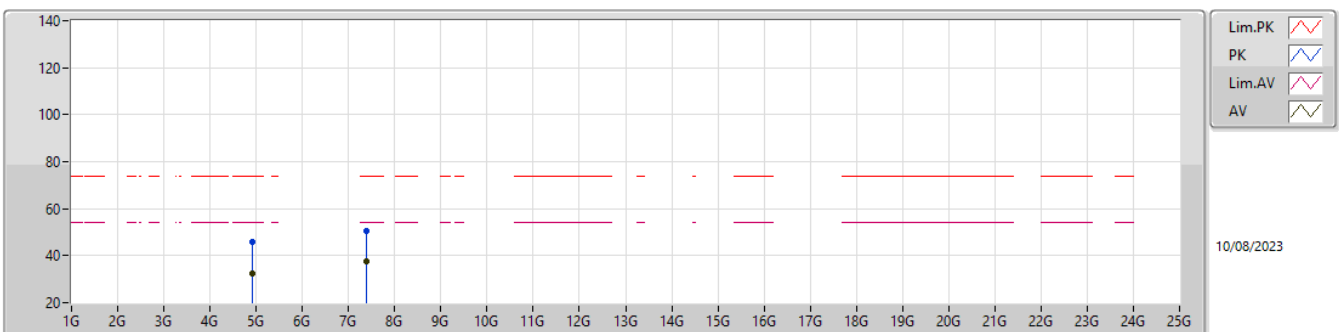
2462MHz_TX



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	4.92696G	34.29	54.00	-19.71	2.93	3	Vertical	133	1.50	31.36	32.71	5.42	35.20
AV	7.38708G	37.15	54.00	-16.85	7.67	3	Vertical	37	1.14	29.48	36.45	6.67	35.45
PK	4.92444G	49.05	74.00	-24.95	2.91	3	Vertical	133	1.50	46.14	32.70	5.41	35.20
PK	7.38804G	50.16	74.00	-23.84	7.67	3	Vertical	37	1.14	42.49	36.45	6.67	35.45

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

2462MHz_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	4.92392G	32.31	54.00	-21.69	2.91	3	Horizontal	242	1.51	29.40	32.70	5.41	35.20
AV	7.38292G	37.36	54.00	-16.64	7.69	3	Horizontal	208	2.93	29.67	36.47	6.67	35.45
PK	4.92876G	45.77	74.00	-28.23	2.94	3	Horizontal	242	1.51	42.83	32.72	5.42	35.20
PK	7.37992G	50.36	74.00	-23.64	7.70	3	Horizontal	208	2.93	42.66	36.48	6.67	35.45



Summary

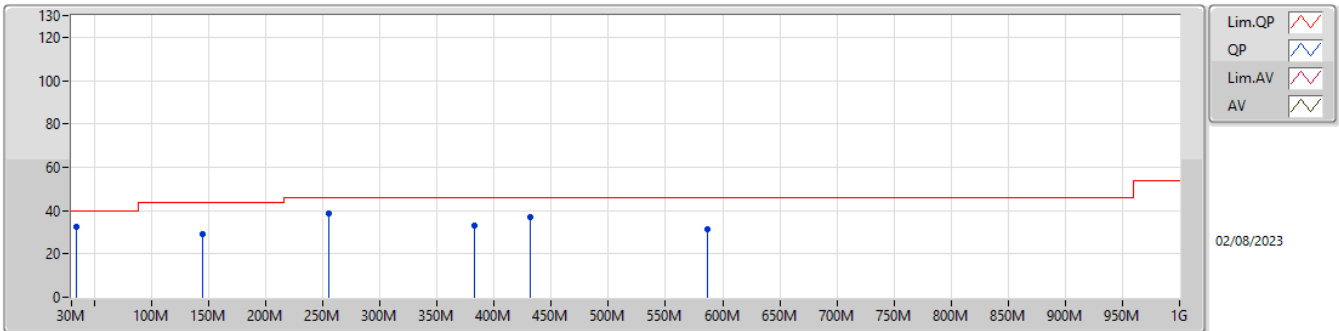
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	144.46M	37.27	43.50	-6.23	3	Horizontal	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11n HT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	33.88M	32.40	40.00	-7.60	3	Vertical	360	1.00
2412MHz	Pass	PK	144.46M	28.87	43.50	-14.63	3	Vertical	360	1.00
2412MHz	Pass	PK	255.04M	38.61	46.00	-7.39	3	Vertical	360	1.00
2412MHz	Pass	PK	383.08M	33.10	46.00	-12.90	3	Vertical	360	1.00
2412MHz	Pass	PK	431.58M	36.86	46.00	-9.14	3	Vertical	360	1.00
2412MHz	Pass	PK	586.78M	31.18	46.00	-14.82	3	Vertical	360	1.00
2412MHz	Pass	PK	144.46M	37.27	43.50	-6.23	3	Horizontal	0	1.00
2412MHz	Pass	PK	251.16M	39.25	46.00	-6.75	3	Horizontal	0	1.00
2412MHz	Pass	PK	431.58M	39.34	46.00	-6.66	3	Horizontal	0	1.00
2412MHz	Pass	PK	540.22M	38.16	46.00	-7.84	3	Horizontal	0	1.00
2412MHz	Pass	PK	588.72M	36.09	46.00	-9.91	3	Horizontal	0	1.00
2412MHz	Pass	PK	613.94M	34.72	46.00	-11.28	3	Horizontal	0	1.00

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

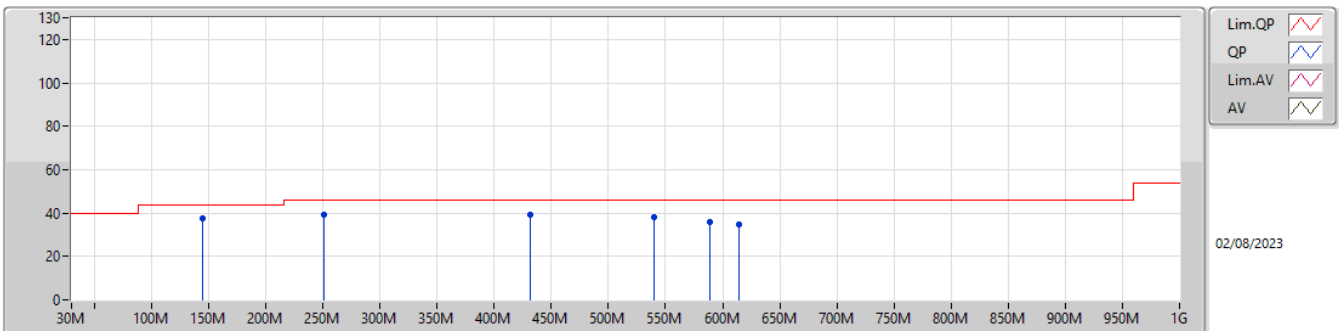
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.88M	32.40	40.00	-7.60	-14.71	3	Vertical	360	1.00	47.11	21.76	0.62	37.09
PK	144.46M	28.87	43.50	-14.63	-18.57	3	Vertical	360	1.00	47.44	16.45	1.33	36.35
PK	255.04M	38.61	46.00	-7.39	-16.12	3	Vertical	360	1.00	54.73	18.44	1.86	36.42
PK	383.08M	33.10	46.00	-12.90	-13.87	3	Vertical	360	1.00	46.97	20.25	2.35	36.47
PK	431.58M	36.86	46.00	-9.14	-12.10	3	Vertical	360	1.00	48.96	21.96	2.51	36.57
PK	586.78M	31.18	46.00	-14.82	-9.23	3	Vertical	360	1.00	40.41	24.84	3.00	37.07

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

2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	144.46M	37.27	43.50	-6.23	-18.57	3	Horizontal	0	1.00	55.84	16.45	1.33	36.35
PK	251.16M	39.25	46.00	-6.75	-16.72	3	Horizontal	0	1.00	55.97	17.86	1.84	36.42
PK	431.58M	39.34	46.00	-6.66	-12.10	3	Horizontal	0	1.00	51.44	21.96	2.51	36.57
PK	540.22M	38.16	46.00	-7.84	-10.82	3	Horizontal	0	1.00	48.98	23.34	2.87	37.03
PK	588.72M	36.09	46.00	-9.91	-9.26	3	Horizontal	0	1.00	45.35	24.82	3.00	37.08
PK	613.94M	34.72	46.00	-11.28	-8.98	3	Horizontal	0	1.00	43.70	25.03	3.07	37.08



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	2.4876G	51.87	54.00	-2.13	3	Vertical	152	1.50
802.11g_Nss1,(6Mbps)_1TX	Pass	PK	2.4844G	71.81	74.00	-2.19	3	Horizontal	324	2.80
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	2.3896G	71.72	74.00	-2.28	3	Vertical	110	1.12

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	Pass	AV	2.3862G	49.43	54.00	-4.57	3	Vertical	112	2.53
2412MHz	Pass	AV	2.4126G	103.41	Inf	-Inf	3	Vertical	112	2.53
2412MHz	Pass	PK	2.3848G	61.09	74.00	-12.91	3	Vertical	112	2.53
2412MHz	Pass	PK	2.413G	107.97	Inf	-Inf	3	Vertical	112	2.53
2412MHz	Pass	AV	2.3862G	46.29	54.00	-7.71	3	Horizontal	331	2.83
2412MHz	Pass	AV	2.4126G	98.39	Inf	-Inf	3	Horizontal	331	2.83
2412MHz	Pass	PK	2.3876G	57.10	74.00	-16.90	3	Horizontal	331	2.83
2412MHz	Pass	PK	2.413G	102.54	Inf	-Inf	3	Horizontal	331	2.83
2412MHz	Pass	AV	4.82394G	44.86	54.00	-9.14	3	Vertical	136	1.50
2412MHz	Pass	PK	4.82388G	49.79	74.00	-24.21	3	Vertical	136	1.50
2412MHz	Pass	AV	4.82394G	45.04	54.00	-8.96	3	Horizontal	309	2.45
2412MHz	Pass	PK	4.824G	49.61	74.00	-24.39	3	Horizontal	309	2.45
2437MHz	Pass	AV	2.3558G	44.28	54.00	-9.72	3	Vertical	120	1.50
2437MHz	Pass	AV	2.4362G	103.52	Inf	-Inf	3	Vertical	120	1.50
2437MHz	Pass	AV	2.4862G	44.30	54.00	-9.70	3	Vertical	120	1.50
2437MHz	Pass	PK	2.355G	56.58	74.00	-17.42	3	Vertical	120	1.50
2437MHz	Pass	PK	2.4378G	107.66	Inf	-Inf	3	Vertical	120	1.50
2437MHz	Pass	PK	2.4902G	57.17	74.00	-16.83	3	Vertical	120	1.50
2437MHz	Pass	AV	2.351G	43.22	54.00	-10.78	3	Horizontal	141	1.50
2437MHz	Pass	AV	2.4362G	94.42	Inf	-Inf	3	Horizontal	141	1.50
2437MHz	Pass	AV	2.4994G	43.73	54.00	-10.27	3	Horizontal	141	1.50
2437MHz	Pass	PK	2.3494G	55.01	74.00	-18.99	3	Horizontal	141	1.50
2437MHz	Pass	PK	2.4378G	98.41	Inf	-Inf	3	Horizontal	141	1.50
2437MHz	Pass	PK	2.4998G	56.02	74.00	-17.98	3	Horizontal	141	1.50
2437MHz	Pass	AV	4.87394G	50.85	54.00	-3.15	3	Vertical	113	1.01
2437MHz	Pass	AV	7.31166G	40.68	54.00	-13.32	3	Vertical	87	1.50
2437MHz	Pass	PK	4.87394G	54.00	74.00	-20.00	3	Vertical	113	1.01
2437MHz	Pass	PK	7.31148G	51.99	74.00	-22.01	3	Vertical	87	1.50
2437MHz	Pass	AV	4.87388G	48.15	54.00	-5.85	3	Horizontal	30	2.53
2437MHz	Pass	AV	7.31166G	45.73	54.00	-8.27	3	Horizontal	177	1.82
2437MHz	Pass	PK	4.874G	51.98	74.00	-22.02	3	Horizontal	30	2.53
2437MHz	Pass	PK	7.30974G	54.47	74.00	-19.53	3	Horizontal	177	1.82
2457MHz	Pass	AV	2.4562G	100.63	Inf	-Inf	3	Vertical	153	1.50
2457MHz	Pass	AV	2.4835G	50.80	54.00	-3.20	3	Vertical	153	1.50
2457MHz	Pass	PK	2.456G	104.50	Inf	-Inf	3	Vertical	153	1.50
2457MHz	Pass	PK	2.484G	59.24	74.00	-14.76	3	Vertical	153	1.50
2457MHz	Pass	AV	2.4562G	98.30	Inf	-Inf	3	Horizontal	330	3.00
2457MHz	Pass	AV	2.4836G	48.04	54.00	-5.96	3	Horizontal	330	3.00
2457MHz	Pass	PK	2.456G	102.16	Inf	-Inf	3	Horizontal	330	3.00
2457MHz	Pass	PK	2.4844G	58.04	74.00	-15.96	3	Horizontal	330	3.00
2462MHz	Pass	AV	2.4612G	102.01	Inf	-Inf	3	Vertical	152	1.50
2462MHz	Pass	AV	2.4876G	51.87	54.00	-2.13	3	Vertical	152	1.50
2462MHz	Pass	PK	2.461G	105.96	Inf	-Inf	3	Vertical	152	1.50
2462MHz	Pass	PK	2.488G	60.41	74.00	-13.59	3	Vertical	152	1.50
2462MHz	Pass	AV	2.4612G	98.83	Inf	-Inf	3	Horizontal	334	2.76
2462MHz	Pass	AV	2.4878G	47.31	54.00	-6.69	3	Horizontal	334	2.76
2462MHz	Pass	PK	2.4628G	102.96	Inf	-Inf	3	Horizontal	334	2.76
2462MHz	Pass	PK	2.484G	58.28	74.00	-15.72	3	Horizontal	334	2.76
2462MHz	Pass	AV	4.92394G	49.47	54.00	-4.53	3	Vertical	111	1.03
2462MHz	Pass	AV	7.38666G	43.52	54.00	-10.48	3	Vertical	98	2.10
2462MHz	Pass	PK	4.92382G	53.09	74.00	-20.91	3	Vertical	111	1.03
2462MHz	Pass	PK	7.38678G	53.66	74.00	-20.34	3	Vertical	98	2.10
2462MHz	Pass	AV	4.92394G	47.98	54.00	-6.02	3	Horizontal	30	2.62
2462MHz	Pass	AV	7.3866G	43.59	54.00	-10.41	3	Horizontal	181	1.50
2462MHz	Pass	PK	4.924G	52.17	74.00	-21.83	3	Horizontal	30	2.62
2462MHz	Pass	PK	7.38714G	53.20	74.00	-20.80	3	Horizontal	181	1.50
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.47	54.00	-6.53	3	Vertical	103	1.43
2412MHz	Pass	AV	2.4144G	92.48	Inf	-Inf	3	Vertical	103	1.43
2412MHz	Pass	PK	2.39G	71.45	74.00	-2.55	3	Vertical	103	1.43

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	2.4102G	102.11	Inf	-Inf	3	Vertical	103	1.43
2412MHz	Pass	AV	2.39G	45.34	54.00	-8.66	3	Horizontal	322	1.50
2412MHz	Pass	AV	2.4088G	86.39	Inf	-Inf	3	Horizontal	322	1.50
2412MHz	Pass	PK	2.3894G	67.37	74.00	-6.63	3	Horizontal	322	1.50
2412MHz	Pass	PK	2.4102G	96.18	Inf	-Inf	3	Horizontal	322	1.50
2412MHz	Pass	AV	4.82728G	32.56	54.00	-21.44	3	Vertical	71	3.00
2412MHz	Pass	PK	4.81736G	46.07	74.00	-27.93	3	Vertical	71	3.00
2412MHz	Pass	AV	4.82828G	33.03	54.00	-20.97	3	Horizontal	307	2.66
2412MHz	Pass	PK	4.82616G	46.94	74.00	-27.06	3	Horizontal	307	2.66
2417MHz	Pass	AV	2.39G	51.16	54.00	-2.84	3	Vertical	121	1.67
2417MHz	Pass	AV	2.4134G	93.42	Inf	-Inf	3	Vertical	121	1.67
2417MHz	Pass	PK	2.39G	71.19	74.00	-2.81	3	Vertical	121	1.67
2417MHz	Pass	PK	2.4158G	106.82	Inf	-Inf	3	Vertical	121	1.67
2417MHz	Pass	AV	2.39G	47.86	54.00	-6.14	3	Horizontal	334.1	1.50
2417MHz	Pass	AV	2.4132G	85.97	Inf	-Inf	3	Horizontal	334.1	1.50
2417MHz	Pass	PK	2.39G	71.03	74.00	-2.97	3	Horizontal	334.1	1.50
2417MHz	Pass	PK	2.4146G	99.19	Inf	-Inf	3	Horizontal	334.1	1.50
2437MHz	Pass	AV	2.3894G	47.83	54.00	-6.17	3	Vertical	112	1.09
2437MHz	Pass	AV	2.441G	97.95	Inf	-Inf	3	Vertical	112	1.09
2437MHz	Pass	AV	2.4835G	48.31	54.00	-5.69	3	Vertical	112	1.09
2437MHz	Pass	PK	2.3898G	63.91	74.00	-10.09	3	Vertical	112	1.09
2437MHz	Pass	PK	2.4418G	107.93	Inf	-Inf	3	Vertical	112	1.09
2437MHz	Pass	PK	2.4858G	64.12	74.00	-9.88	3	Vertical	112	1.09
2437MHz	Pass	AV	2.3882G	44.92	54.00	-9.08	3	Horizontal	134.9	1.50
2437MHz	Pass	AV	2.4402G	90.03	Inf	-Inf	3	Horizontal	134.9	1.50
2437MHz	Pass	AV	2.4835G	45.51	54.00	-8.49	3	Horizontal	134.9	1.50
2437MHz	Pass	PK	2.3894G	58.49	74.00	-15.51	3	Horizontal	134.9	1.50
2437MHz	Pass	PK	2.439G	100.25	Inf	-Inf	3	Horizontal	134.9	1.50
2437MHz	Pass	PK	2.487G	59.76	74.00	-14.24	3	Horizontal	134.9	1.50
2437MHz	Pass	AV	4.87404G	34.82	54.00	-19.18	3	Vertical	343	1.50
2437MHz	Pass	AV	7.3124G	41.84	54.00	-12.16	3	Vertical	119	1.02
2437MHz	Pass	PK	4.86964G	49.46	74.00	-24.54	3	Vertical	343	1.50
2437MHz	Pass	PK	7.31604G	60.97	74.00	-13.03	3	Vertical	119	1.02
2437MHz	Pass	AV	4.87584G	35.23	54.00	-18.77	3	Horizontal	22	2.49
2437MHz	Pass	AV	7.31092G	41.82	54.00	-12.18	3	Horizontal	181	2.19
2437MHz	Pass	PK	4.87096G	50.71	74.00	-23.29	3	Horizontal	22	2.49
2437MHz	Pass	PK	7.30612G	59.10	74.00	-14.90	3	Horizontal	181	2.19
2457MHz	Pass	AV	2.4558G	96.65	Inf	-Inf	3	Vertical	109	2.80
2457MHz	Pass	AV	2.4836G	48.71	54.00	-5.29	3	Vertical	109	2.80
2457MHz	Pass	PK	2.4558G	107.15	Inf	-Inf	3	Vertical	109	2.80
2457MHz	Pass	PK	2.484G	70.64	74.00	-3.36	3	Vertical	109	2.80
2457MHz	Pass	AV	2.4556G	89.91	Inf	-Inf	3	Horizontal	324	2.80
2457MHz	Pass	AV	2.4835G	46.38	54.00	-7.62	3	Horizontal	324	2.80
2457MHz	Pass	PK	2.4558G	100.54	Inf	-Inf	3	Horizontal	324	2.80
2457MHz	Pass	PK	2.4844G	71.81	74.00	-2.19	3	Horizontal	324	2.80
2462MHz	Pass	AV	2.4592G	94.28	Inf	-Inf	3	Vertical	108	2.46
2462MHz	Pass	AV	2.4835G	49.71	54.00	-4.29	3	Vertical	108	2.46
2462MHz	Pass	PK	2.46G	104.47	Inf	-Inf	3	Vertical	108	2.46
2462MHz	Pass	PK	2.4838G	71.38	74.00	-2.62	3	Vertical	108	2.46
2462MHz	Pass	AV	2.4638G	89.37	Inf	-Inf	3	Horizontal	324	2.76
2462MHz	Pass	AV	2.4835G	47.30	54.00	-6.70	3	Horizontal	324	2.76
2462MHz	Pass	PK	2.46G	99.19	Inf	-Inf	3	Horizontal	324	2.76
2462MHz	Pass	PK	2.4835G	67.99	74.00	-6.01	3	Horizontal	324	2.76
2462MHz	Pass	AV	4.92496G	35.03	54.00	-18.97	3	Vertical	113	1.02
2462MHz	Pass	AV	7.38172G	38.24	54.00	-15.76	3	Vertical	33	1.14
2462MHz	Pass	PK	4.92584G	50.41	74.00	-23.59	3	Vertical	113	1.02
2462MHz	Pass	PK	7.38568G	51.48	74.00	-22.52	3	Vertical	33	1.14
2462MHz	Pass	AV	4.92636G	33.67	54.00	-20.33	3	Horizontal	317	1.34
2462MHz	Pass	AV	7.3844G	38.50	54.00	-15.50	3	Horizontal	177	1.00
2462MHz	Pass	PK	4.92744G	47.20	74.00	-26.80	3	Horizontal	317	1.34
2462MHz	Pass	PK	7.382G	52.31	74.00	-21.69	3	Horizontal	177	1.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-

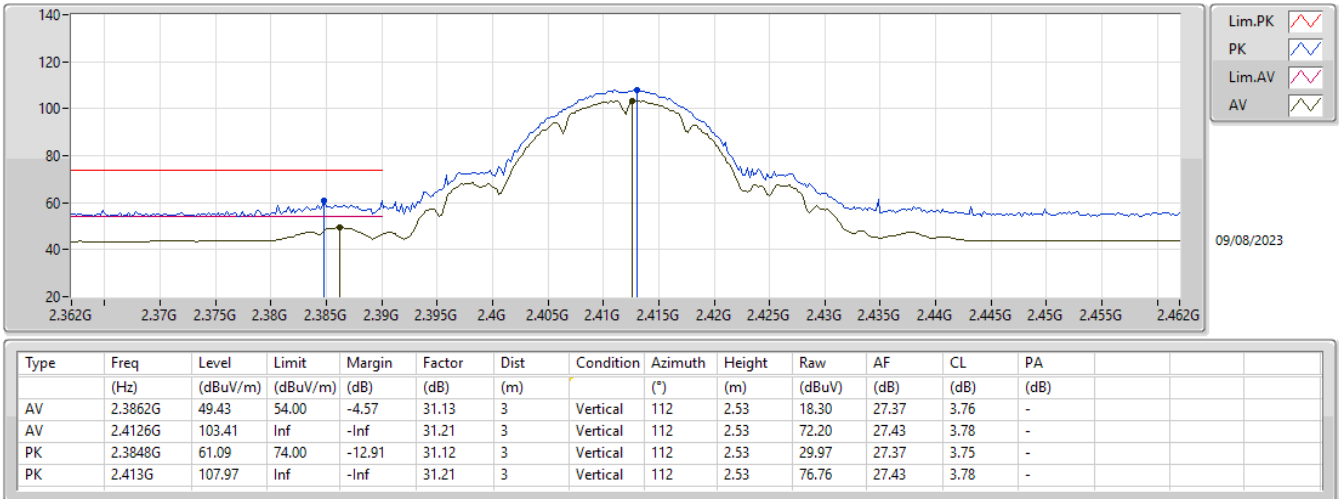
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	AV	2.39G	46.58	54.00	-7.42	3	Vertical	110	1.12
2412MHz	Pass	AV	2.413G	95.53	Inf	-Inf	3	Vertical	110	1.12
2412MHz	Pass	PK	2.3896G	71.72	74.00	-2.28	3	Vertical	110	1.12
2412MHz	Pass	PK	2.415G	105.87	Inf	-Inf	3	Vertical	110	1.12
2412MHz	Pass	AV	2.3898G	44.44	54.00	-9.56	3	Horizontal	162	2.76
2412MHz	Pass	AV	2.413G	89.52	Inf	-Inf	3	Horizontal	162	2.76
2412MHz	Pass	PK	2.3888G	64.57	74.00	-9.43	3	Horizontal	162	2.76
2412MHz	Pass	PK	2.415G	99.83	Inf	-Inf	3	Horizontal	162	2.76
2412MHz	Pass	AV	4.8234G	32.44	54.00	-21.56	3	Vertical	76	2.25
2412MHz	Pass	PK	4.83372G	45.87	74.00	-28.13	3	Vertical	76	2.25
2412MHz	Pass	AV	4.82272G	32.39	54.00	-21.61	3	Horizontal	322	2.85
2412MHz	Pass	PK	4.83024G	46.28	74.00	-27.72	3	Horizontal	322	2.85
2417MHz	Pass	AV	2.39G	47.09	54.00	-6.91	3	Vertical	112	1.17
2417MHz	Pass	AV	2.4144G	96.36	Inf	-Inf	3	Vertical	112	1.17
2417MHz	Pass	PK	2.3896G	70.82	74.00	-3.18	3	Vertical	112	1.17
2417MHz	Pass	PK	2.4134G	106.69	Inf	-Inf	3	Vertical	112	1.17
2417MHz	Pass	AV	2.39G	44.48	54.00	-9.52	3	Horizontal	161	2.78
2417MHz	Pass	AV	2.4144G	90.04	Inf	-Inf	3	Horizontal	161	2.78
2417MHz	Pass	PK	2.3898G	63.73	74.00	-10.27	3	Horizontal	161	2.78
2417MHz	Pass	PK	2.4134G	100.38	Inf	-Inf	3	Horizontal	161	2.78
2437MHz	Pass	AV	2.3898G	48.77	54.00	-5.23	3	Vertical	112	1.50
2437MHz	Pass	AV	2.4398G	97.01	Inf	-Inf	3	Vertical	112	1.50
2437MHz	Pass	AV	2.4835G	49.70	54.00	-4.30	3	Vertical	112	1.50
2437MHz	Pass	PK	2.389G	64.28	74.00	-9.72	3	Vertical	112	1.50
2437MHz	Pass	PK	2.4394G	106.99	Inf	-Inf	3	Vertical	112	1.50
2437MHz	Pass	PK	2.4858G	65.80	74.00	-8.20	3	Vertical	112	1.50
2437MHz	Pass	AV	2.3898G	45.22	54.00	-8.78	3	Horizontal	134	1.50
2437MHz	Pass	AV	2.4398G	89.23	Inf	-Inf	3	Horizontal	134	1.50
2437MHz	Pass	AV	2.4842G	45.75	54.00	-8.25	3	Horizontal	134	1.50
2437MHz	Pass	PK	2.3886G	59.14	74.00	-14.86	3	Horizontal	134	1.50
2437MHz	Pass	PK	2.4394G	99.33	Inf	-Inf	3	Horizontal	134	1.50
2437MHz	Pass	PK	2.4854G	58.91	74.00	-15.09	3	Horizontal	134	1.50
2437MHz	Pass	AV	4.87396G	35.27	54.00	-18.73	3	Vertical	338	1.50
2437MHz	Pass	AV	7.31156G	45.48	54.00	-8.52	3	Vertical	91	2.09
2437MHz	Pass	PK	4.87432G	49.70	74.00	-24.30	3	Vertical	338	1.50
2437MHz	Pass	PK	7.30972G	63.36	74.00	-10.64	3	Vertical	91	2.09
2437MHz	Pass	AV	4.87224G	35.90	54.00	-18.10	3	Horizontal	20	2.65
2437MHz	Pass	AV	7.31032G	42.96	54.00	-11.04	3	Horizontal	181	2.21
2437MHz	Pass	PK	4.8708G	50.60	74.00	-23.40	3	Horizontal	20	2.65
2437MHz	Pass	PK	7.31116G	58.96	74.00	-15.04	3	Horizontal	181	2.21
2457MHz	Pass	AV	2.4544G	94.79	Inf	-Inf	3	Vertical	119	1.50
2457MHz	Pass	AV	2.4835G	48.50	54.00	-5.50	3	Vertical	119	1.50
2457MHz	Pass	PK	2.4536G	104.49	Inf	-Inf	3	Vertical	119	1.50
2457MHz	Pass	PK	2.4844G	71.36	74.00	-2.64	3	Vertical	119	1.50
2457MHz	Pass	AV	2.4544G	90.29	Inf	-Inf	3	Horizontal	335	3.00
2457MHz	Pass	AV	2.4835G	46.12	54.00	-7.88	3	Horizontal	335	3.00
2457MHz	Pass	PK	2.4536G	99.95	Inf	-Inf	3	Horizontal	335	3.00
2457MHz	Pass	PK	2.4852G	67.98	74.00	-6.02	3	Horizontal	335	3.00
2462MHz	Pass	AV	2.46G	95.54	Inf	-Inf	3	Vertical	114	2.42
2462MHz	Pass	AV	2.4835G	51.68	54.00	-2.32	3	Vertical	114	2.42
2462MHz	Pass	PK	2.4588G	106.19	Inf	-Inf	3	Vertical	114	2.42
2462MHz	Pass	PK	2.4835G	69.11	74.00	-4.89	3	Vertical	114	2.42
2462MHz	Pass	AV	2.4666G	88.64	Inf	-Inf	3	Horizontal	318	2.42
2462MHz	Pass	AV	2.4835G	47.85	54.00	-6.15	3	Horizontal	318	2.42
2462MHz	Pass	PK	2.4588G	98.77	Inf	-Inf	3	Horizontal	318	2.42
2462MHz	Pass	PK	2.4835G	67.83	74.00	-6.17	3	Horizontal	318	2.42
2462MHz	Pass	AV	4.92634G	34.13	54.00	-19.87	3	Vertical	99	1.17
2462MHz	Pass	AV	7.38618G	38.57	54.00	-15.43	3	Vertical	360	3.00
2462MHz	Pass	PK	4.92316G	47.14	74.00	-26.86	3	Vertical	99	1.17
2462MHz	Pass	PK	7.38264G	51.58	74.00	-22.42	3	Vertical	360	3.00
2462MHz	Pass	AV	4.92184G	33.49	54.00	-20.51	3	Horizontal	323	1.74
2462MHz	Pass	AV	7.38096G	38.30	54.00	-15.70	3	Horizontal	184	1.50



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	PK	4.9246G	46.41	74.00	-27.59	3	Horizontal	323	1.74
2462MHz	Pass	PK	7.38444G	51.16	74.00	-22.84	3	Horizontal	184	1.50

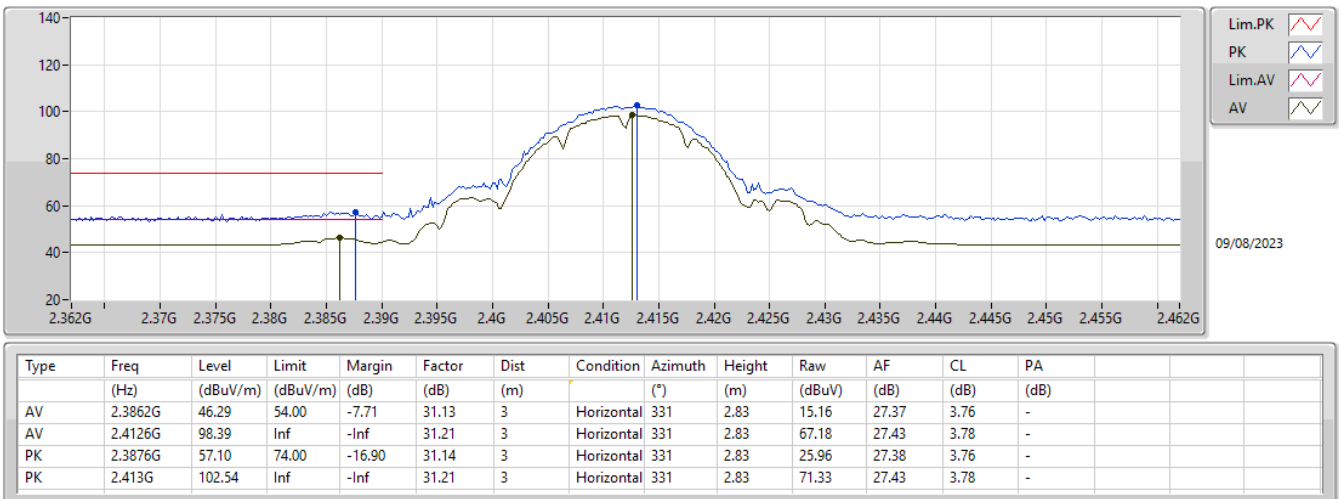
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX



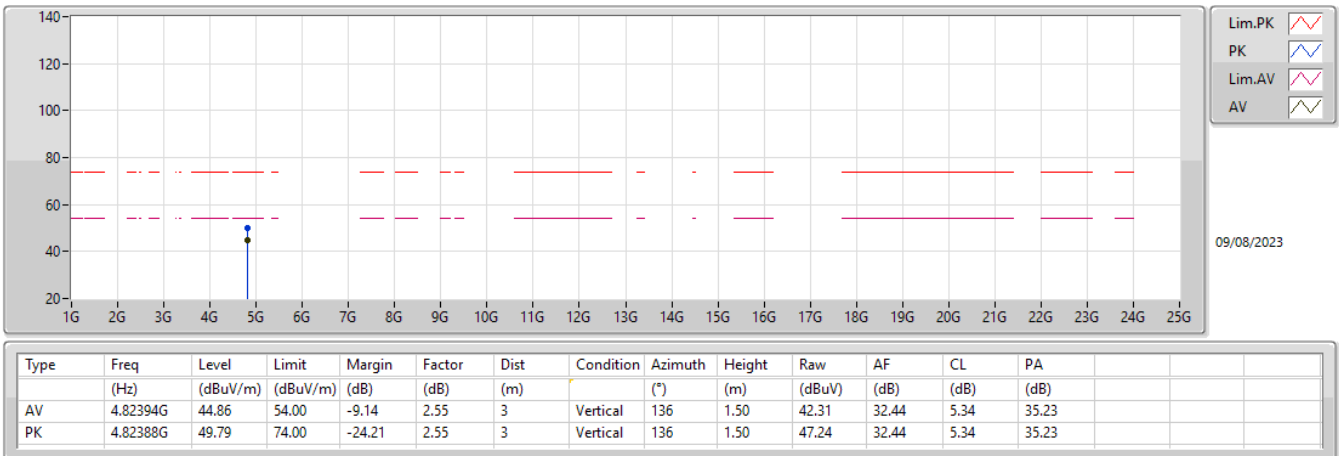
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2412MHz_TX



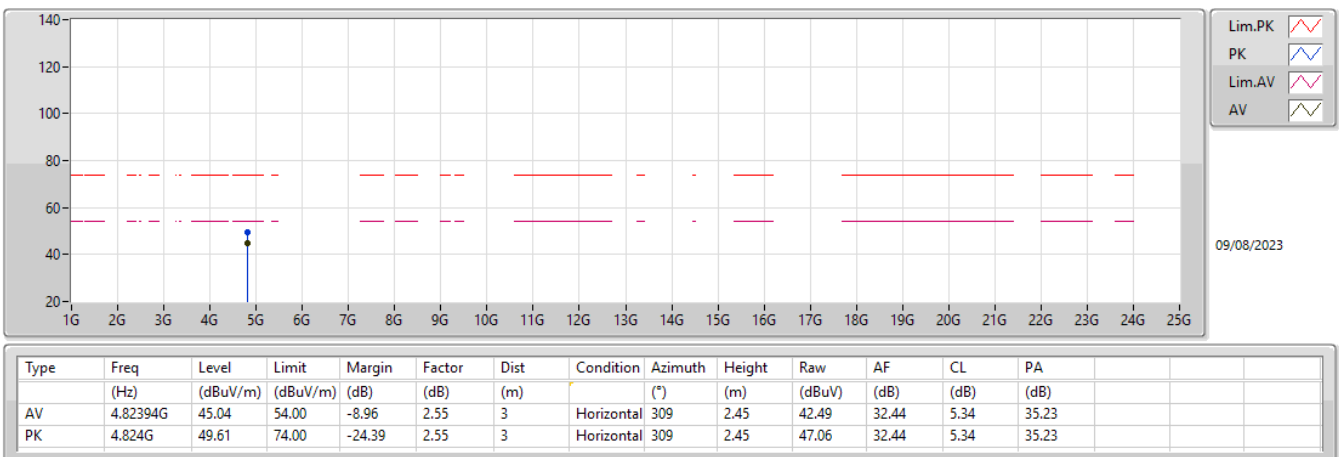
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2412MHz_TX



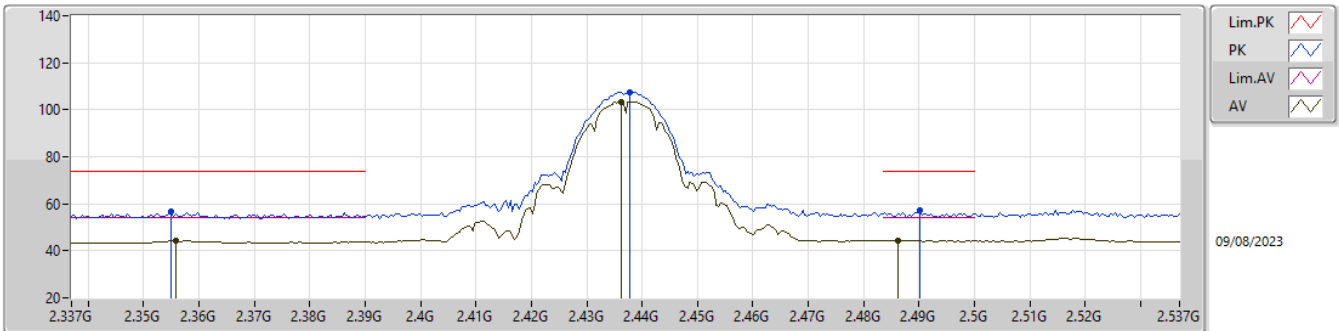
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2412MHz_TX



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

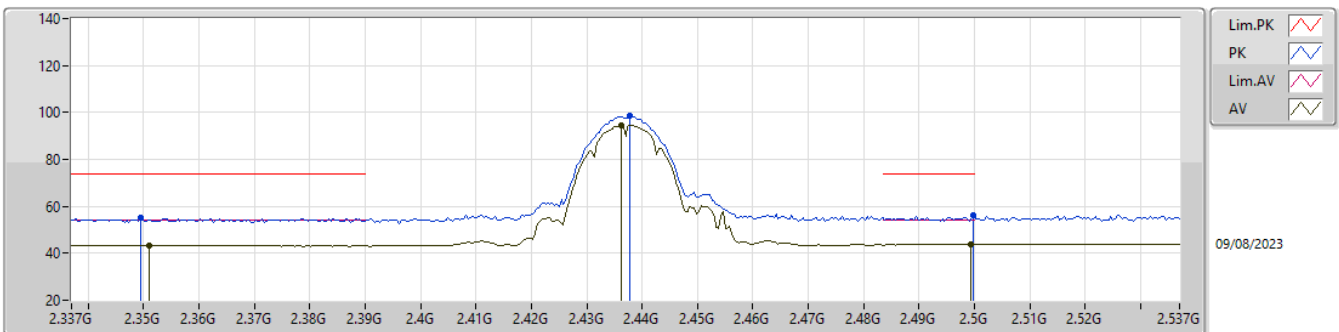
2437MHz_TX



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	2.3558G	44.28	54.00	-9.72	31.03	3	Vertical	120	1.50	13.25	27.31	3.72	-
AV	2.4362G	103.52	Inf	-Inf	31.27	3	Vertical	120	1.50	72.25	27.47	3.80	-
AV	2.4862G	44.30	54.00	-9.70	31.56	3	Vertical	120	1.50	12.74	27.72	3.84	-
PK	2.355G	56.58	74.00	-17.42	31.03	3	Vertical	120	1.50	25.55	27.31	3.72	-
PK	2.4378G	107.66	Inf	-Inf	31.28	3	Vertical	120	1.50	76.38	27.48	3.80	-
PK	2.4902G	57.17	74.00	-16.83	31.59	3	Vertical	120	1.50	25.58	27.74	3.85	-

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

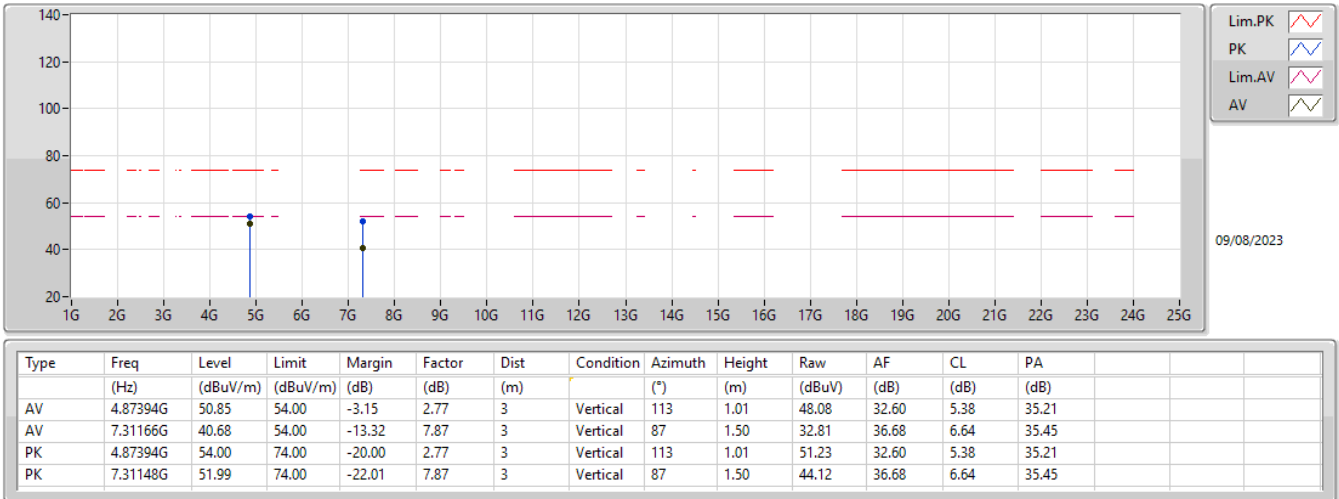
2437MHz_TX



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	2.351G	43.22	54.00	-10.78	31.02	3	Horizontal	141	1.50	12.20	27.30	3.72	-
AV	2.4362G	94.42	Inf	-Inf	31.27	3	Horizontal	141	1.50	63.15	27.47	3.80	-
AV	2.4994G	43.73	54.00	-10.27	31.65	3	Horizontal	141	1.50	12.08	27.80	3.85	-
PK	2.3494G	55.01	74.00	-18.99	31.02	3	Horizontal	141	1.50	23.99	27.30	3.72	-
PK	2.4378G	98.41	Inf	-Inf	31.28	3	Horizontal	141	1.50	67.13	27.48	3.80	-
PK	2.4998G	56.02	74.00	-17.98	31.65	3	Horizontal	141	1.50	24.37	27.80	3.85	-

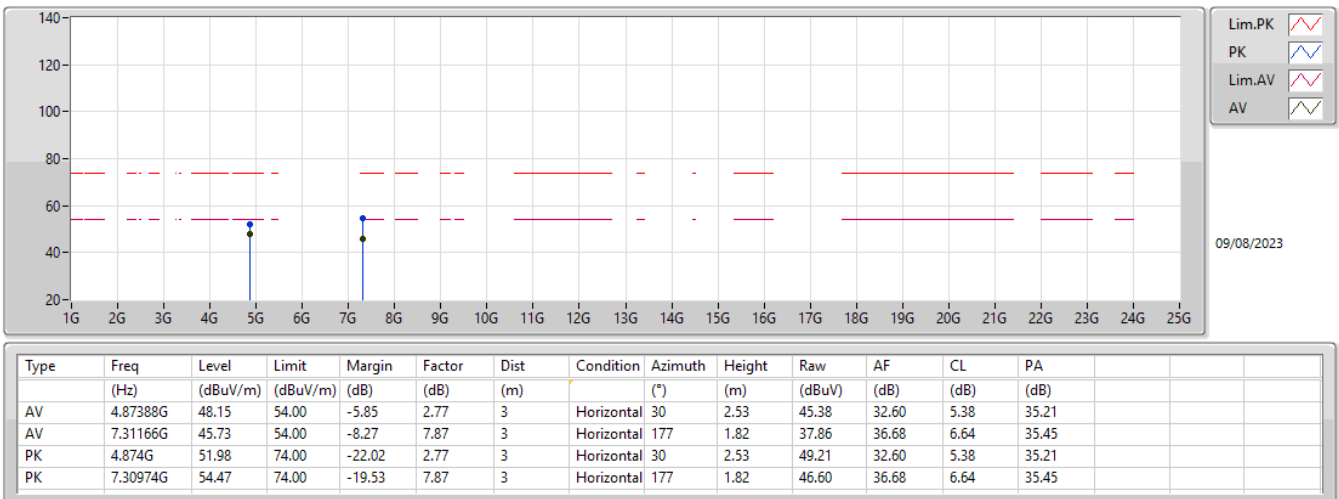
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2437MHz_TX



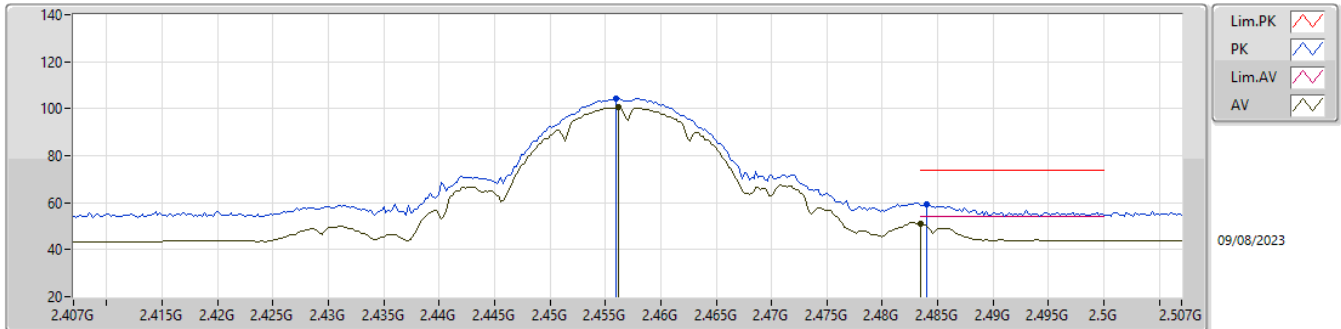
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX



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

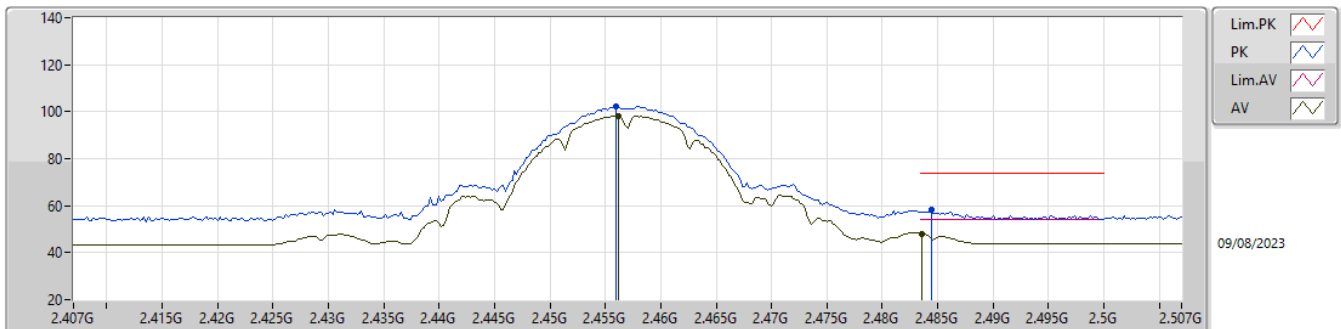
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	100.63	Inf	-Inf	31.36	3	Vertical	153	1.50	69.27	27.54	3.82	-
AV	2.4835G	50.80	54.00	-3.20	31.54	3	Vertical	153	1.50	19.26	27.70	3.84	-
PK	2.456G	104.50	Inf	-Inf	31.36	3	Vertical	153	1.50	73.14	27.54	3.82	-
PK	2.484G	59.24	74.00	-14.76	31.54	3	Vertical	153	1.50	27.70	27.70	3.84	-

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

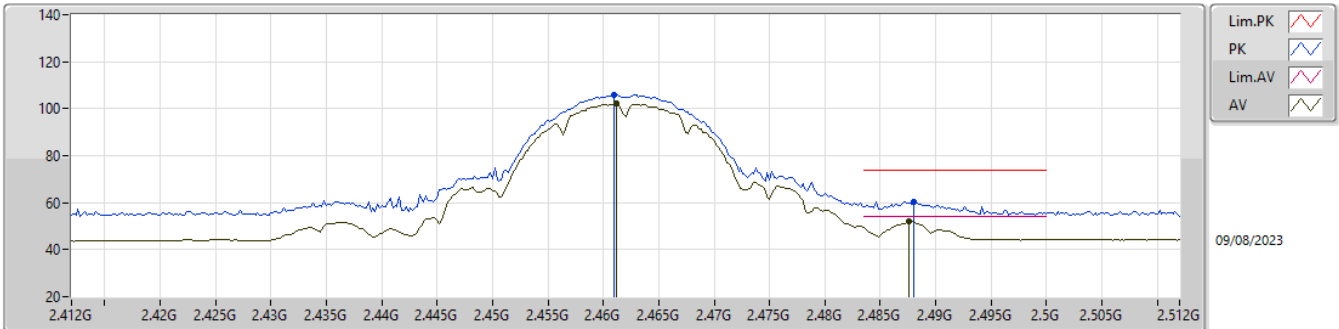
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	98.30	Inf	-Inf	31.36	3	Horizontal	330	3.00	66.94	27.54	3.82	-
AV	2.4836G	48.04	54.00	-5.96	31.54	3	Horizontal	330	3.00	16.50	27.70	3.84	-
PK	2.456G	102.16	Inf	-Inf	31.36	3	Horizontal	330	3.00	70.80	27.54	3.82	-
PK	2.4844G	58.04	74.00	-15.96	31.55	3	Horizontal	330	3.00	26.49	27.71	3.84	-

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

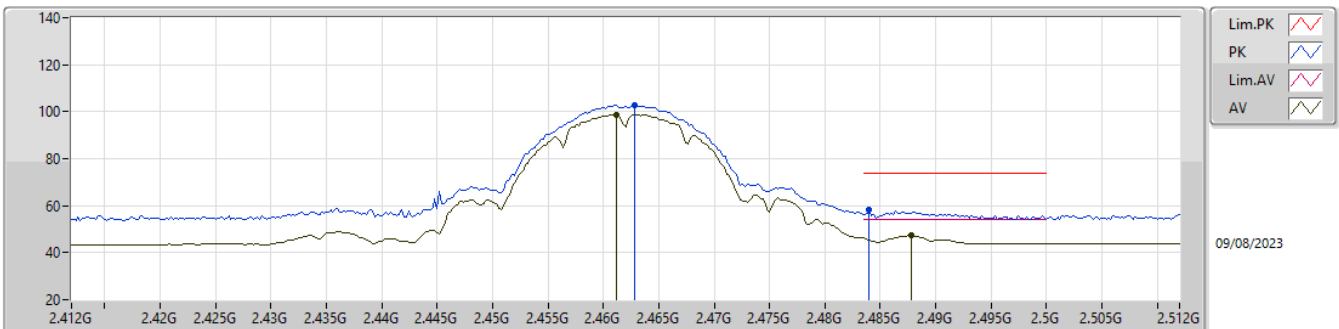
2462MHz_TX



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	2.4612G	102.01	Inf	-Inf	31.39	3	Vertical	152	1.50	70.62	27.57	3.82	-
AV	2.4876G	51.87	54.00	-2.13	31.57	3	Vertical	152	1.50	20.30	27.73	3.84	-
PK	2.461G	105.96	Inf	-Inf	31.39	3	Vertical	152	1.50	74.57	27.57	3.82	-
PK	2.488G	60.41	74.00	-13.59	31.57	3	Vertical	152	1.50	28.84	27.73	3.84	-

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

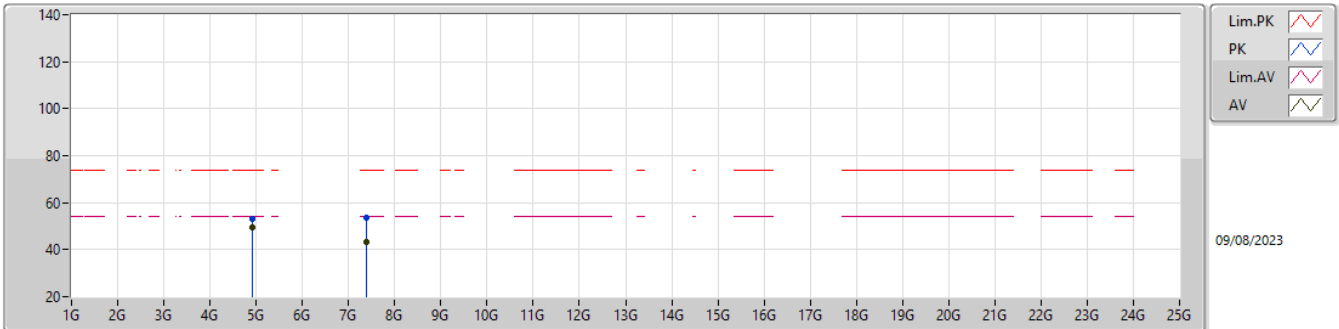
2462MHz_TX



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	2.4612G	98.83	Inf	-Inf	31.39	3	Horizontal	334	2.76	67.44	27.57	3.82	-
AV	2.4878G	47.31	54.00	-6.69	31.57	3	Horizontal	334	2.76	15.74	27.73	3.84	-
PK	2.4628G	102.96	Inf	-Inf	31.40	3	Horizontal	334	2.76	71.56	27.58	3.82	-
PK	2.484G	58.28	74.00	-15.72	31.54	3	Horizontal	334	2.76	26.74	27.70	3.84	-

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

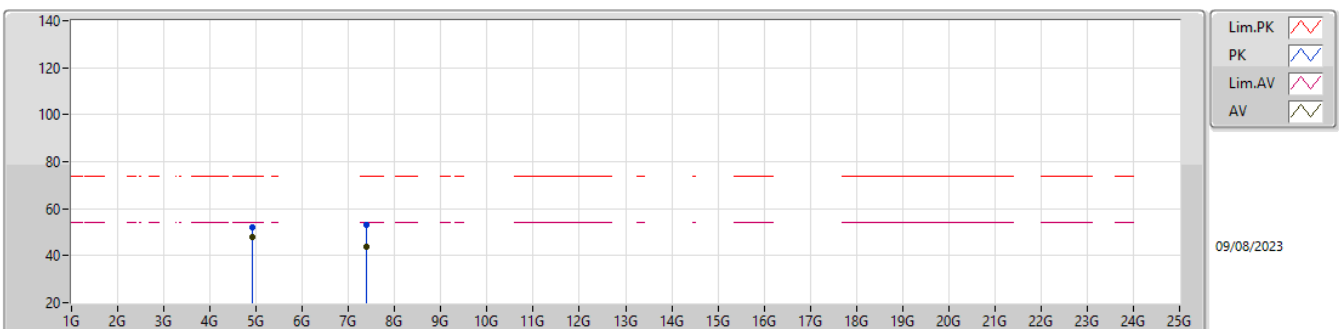
2462MHz_TX



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	4.92394G	49.47	54.00	-4.53	2.91	3	Vertical	111	1.03	46.56	32.70	5.41	35.20
AV	7.38666G	43.52	54.00	-10.48	7.67	3	Vertical	98	2.10	35.85	36.45	6.67	35.45
PK	4.92382G	53.09	74.00	-20.91	2.91	3	Vertical	111	1.03	50.18	32.70	5.41	35.20
PK	7.38678G	53.66	74.00	-20.34	7.67	3	Vertical	98	2.10	45.99	36.45	6.67	35.45

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

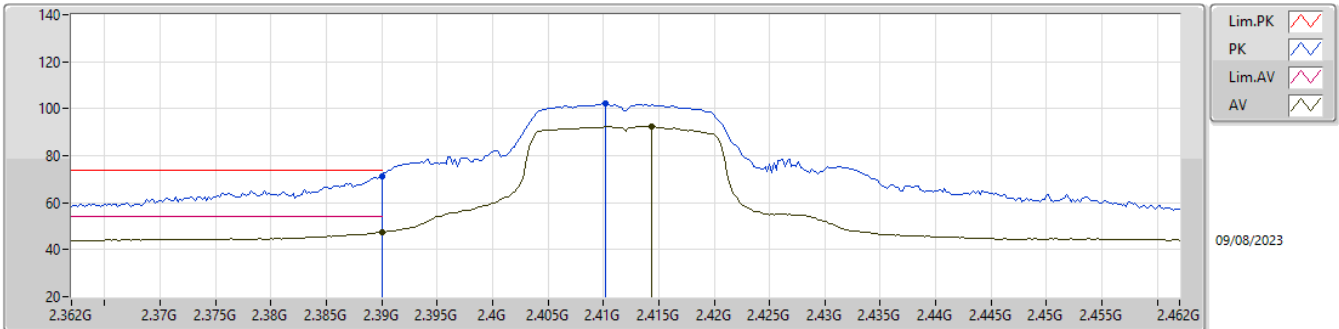
2462MHz_TX



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	4.92394G	47.98	54.00	-6.02	2.91	3	Horizontal	30	2.62	45.07	32.70	5.41	35.20
AV	7.3866G	43.59	54.00	-10.41	7.67	3	Horizontal	181	1.50	35.92	36.45	6.67	35.45
PK	4.924G	52.17	74.00	-21.83	2.91	3	Horizontal	30	2.62	49.26	32.70	5.41	35.20
PK	7.38714G	53.20	74.00	-20.80	7.67	3	Horizontal	181	1.50	45.53	36.45	6.67	35.45

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

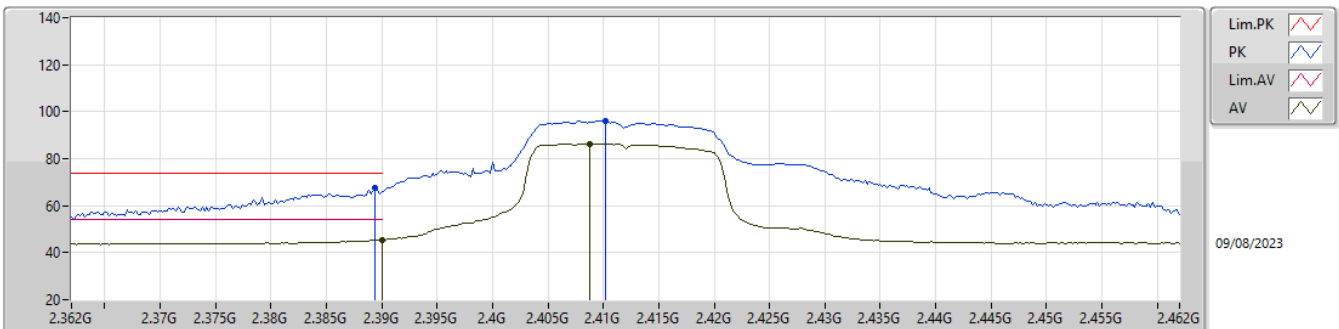
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.47	54.00	-6.53	31.14	3	Vertical	103	1.43	16.33	27.38	3.76	-
AV	2.4144G	92.48	Inf	-Inf	31.21	3	Vertical	103	1.43	61.27	27.43	3.78	-
PK	2.39G	71.45	74.00	-2.55	31.14	3	Vertical	103	1.43	40.31	27.38	3.76	-
PK	2.4102G	102.11	Inf	-Inf	31.20	3	Vertical	103	1.43	70.91	27.42	3.78	-

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

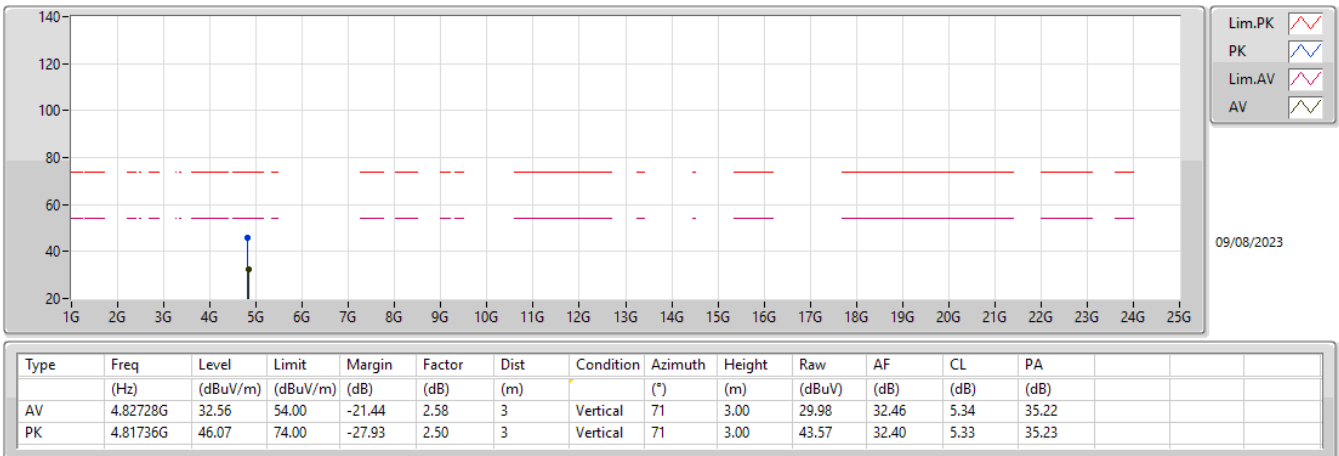
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	45.34	54.00	-8.66	31.14	3	Horizontal	322	1.50	14.20	27.38	3.76	-
AV	2.4088G	86.39	Inf	-Inf	31.20	3	Horizontal	322	1.50	55.19	27.42	3.78	-
PK	2.3894G	67.37	74.00	-6.63	31.14	3	Horizontal	322	1.50	36.23	27.38	3.76	-
PK	2.4102G	96.18	Inf	-Inf	31.20	3	Horizontal	322	1.50	64.98	27.42	3.78	-

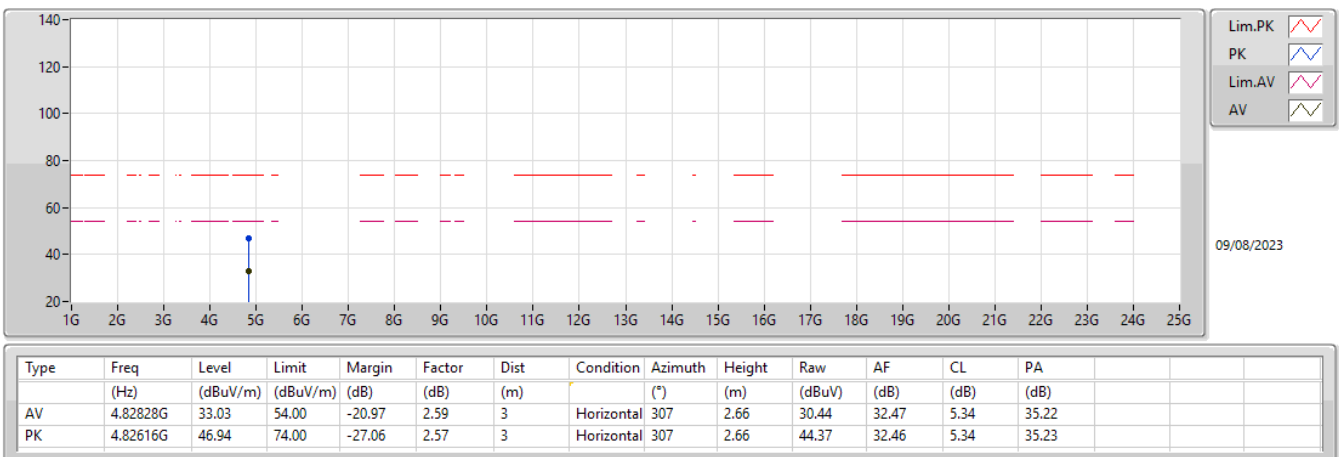
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2412MHz_TX



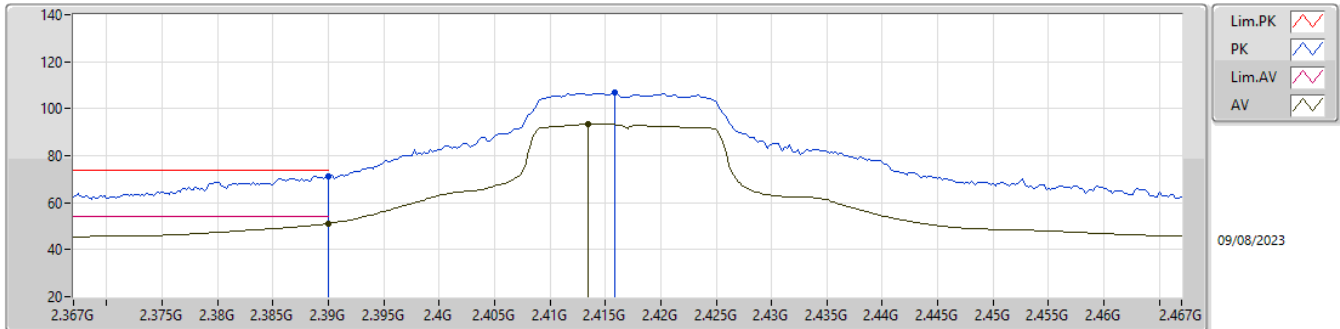
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX



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

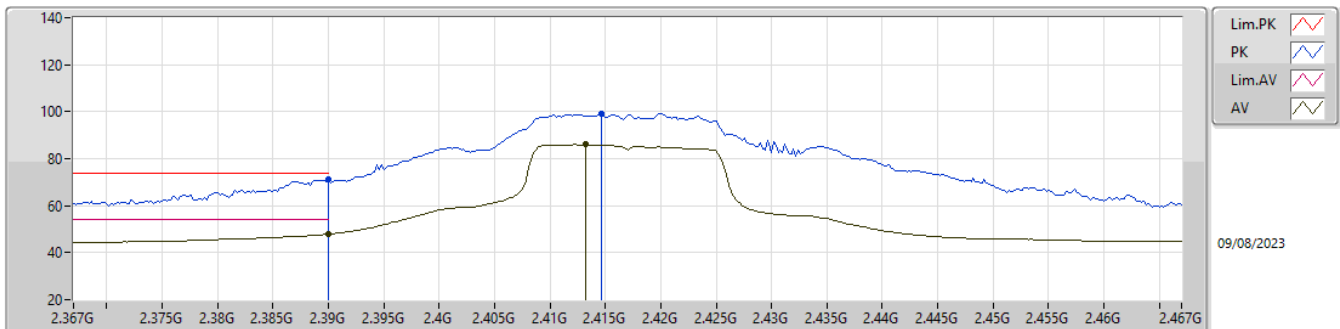
2417MHz_TX



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	2.39G	51.16	54.00	-2.84	31.14	3	Vertical	121	1.67	20.02	27.38	3.76	-
AV	2.4134G	93.42	Inf	-Inf	31.21	3	Vertical	121	1.67	62.21	27.43	3.78	-
PK	2.39G	71.19	74.00	-2.81	31.14	3	Vertical	121	1.67	40.05	27.38	3.76	-
PK	2.4158G	106.82	Inf	-Inf	31.21	3	Vertical	121	1.67	75.61	27.43	3.78	-

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

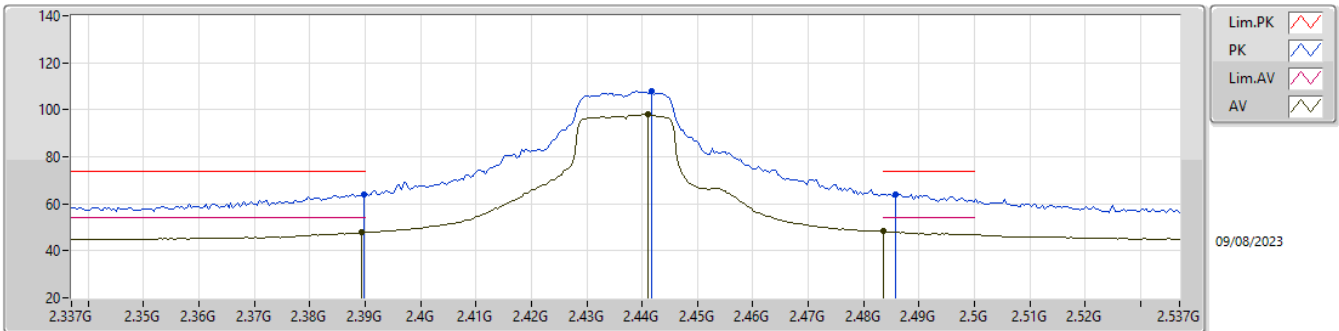
2417MHz_TX



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	2.39G	47.86	54.00	-6.14	31.14	3	Horizontal	334.1	1.50	16.72	27.38	3.76	-
AV	2.4132G	85.97	Inf	-Inf	31.21	3	Horizontal	334.1	1.50	54.76	27.43	3.78	-
PK	2.39G	71.03	74.00	-2.97	31.14	3	Horizontal	334.1	1.50	39.89	27.38	3.76	-
PK	2.4146G	99.19	Inf	-Inf	31.21	3	Horizontal	334.1	1.50	67.98	27.43	3.78	-

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

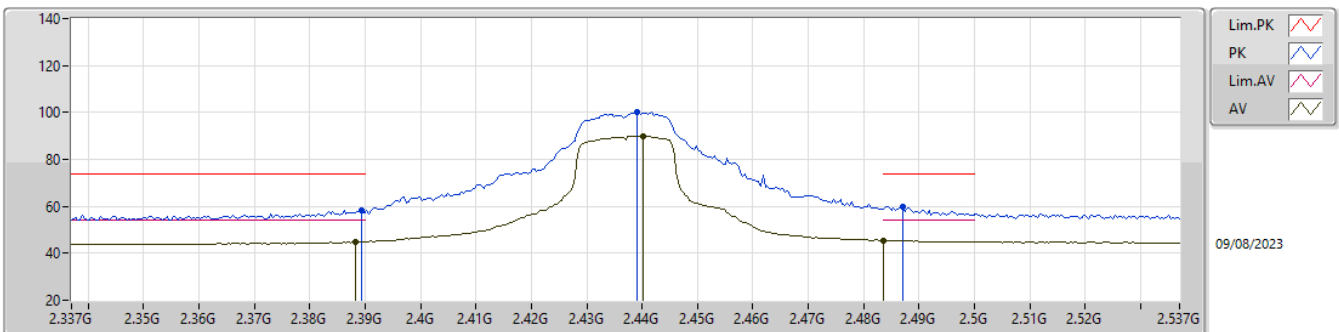
2437MHz_TX



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	47.83	54.00	-6.17	31.14	3	Vertical	112	1.09	16.69	27.38	3.76	-
AV	2.441G	97.95	Inf	-Inf	31.28	3	Vertical	112	1.09	66.67	27.48	3.80	-
AV	2.4835G	48.31	54.00	-5.69	31.54	3	Vertical	112	1.09	16.77	27.70	3.84	-
PK	2.3898G	63.91	74.00	-10.09	31.14	3	Vertical	112	1.09	32.77	27.38	3.76	-
PK	2.4418G	107.93	Inf	-Inf	31.29	3	Vertical	112	1.09	76.64	27.48	3.81	-
PK	2.4858G	64.12	74.00	-9.88	31.55	3	Vertical	112	1.09	32.57	27.71	3.84	-

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

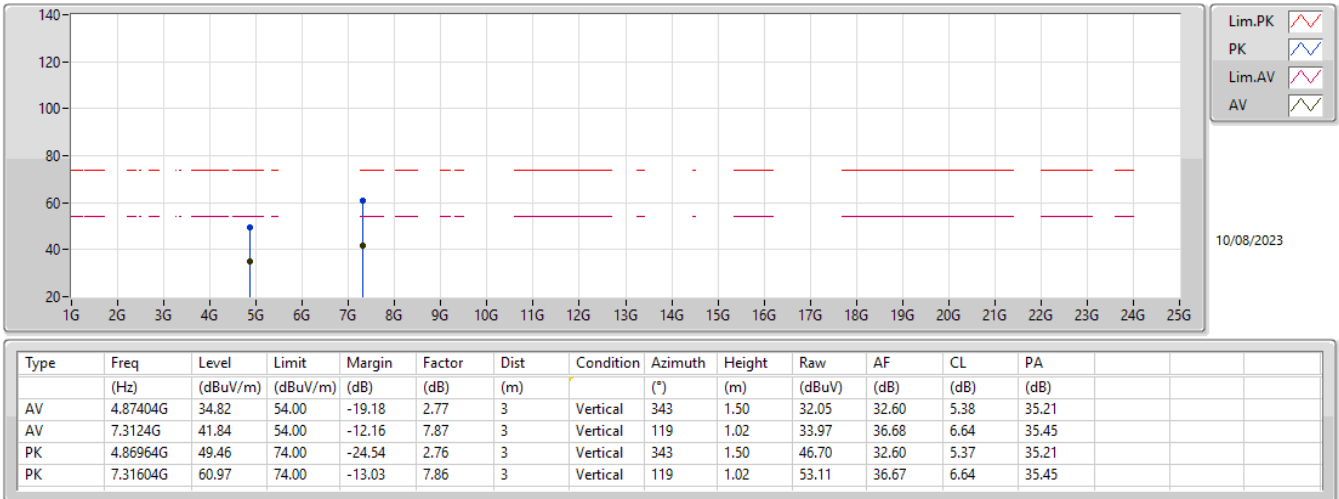
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	44.92	54.00	-9.08	31.14	3	Horizontal	134.9	1.50	13.78	27.38	3.76	-
AV	2.4402G	90.03	Inf	-Inf	31.28	3	Horizontal	134.9	1.50	58.75	27.48	3.80	-
AV	2.4835G	45.51	54.00	-8.49	31.54	3	Horizontal	134.9	1.50	13.97	27.70	3.84	-
PK	2.3894G	58.49	74.00	-15.51	31.14	3	Horizontal	134.9	1.50	27.35	27.38	3.76	-
PK	2.439G	100.25	Inf	-Inf	31.28	3	Horizontal	134.9	1.50	68.97	27.48	3.80	-
PK	2.487G	59.76	74.00	-14.24	31.56	3	Horizontal	134.9	1.50	28.20	27.72	3.84	-

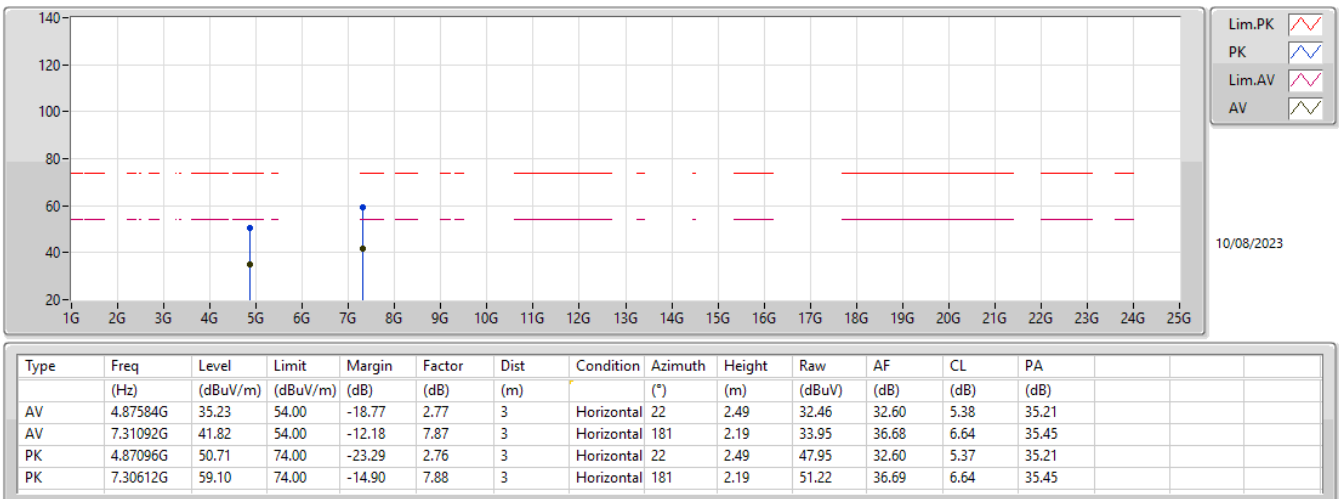
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX



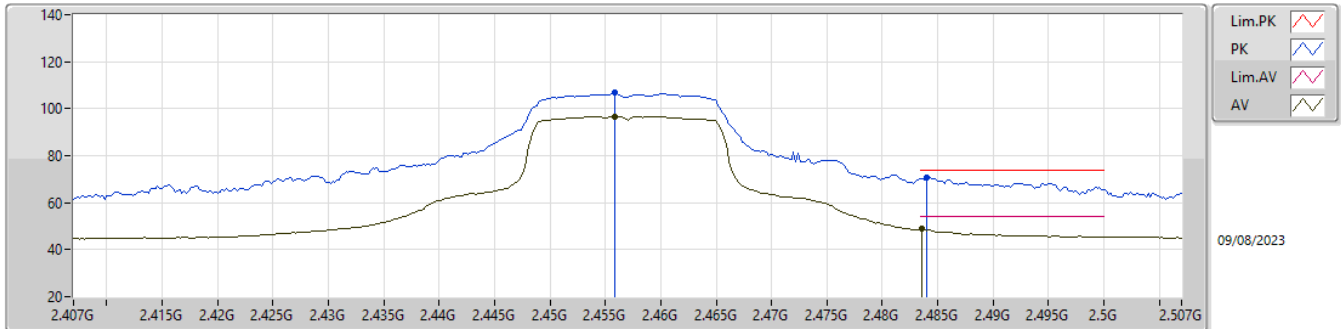
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX



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

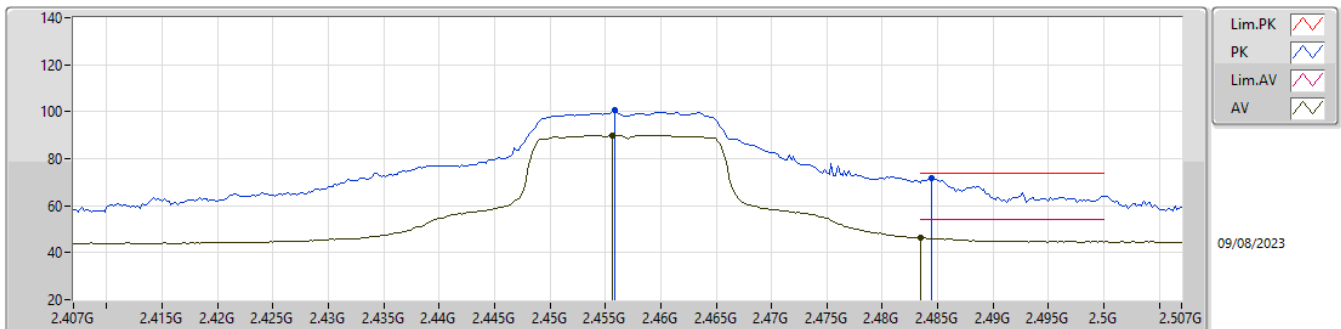
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4558G	96.65	Inf	-Inf	31.35	3	Vertical	109	2.80	65.30	27.53	3.82	-
AV	2.4836G	48.71	54.00	-5.29	31.54	3	Vertical	109	2.80	17.17	27.70	3.84	-
PK	2.4558G	107.15	Inf	-Inf	31.35	3	Vertical	109	2.80	75.80	27.53	3.82	-
PK	2.484G	70.64	74.00	-3.36	31.54	3	Vertical	109	2.80	39.10	27.70	3.84	-

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

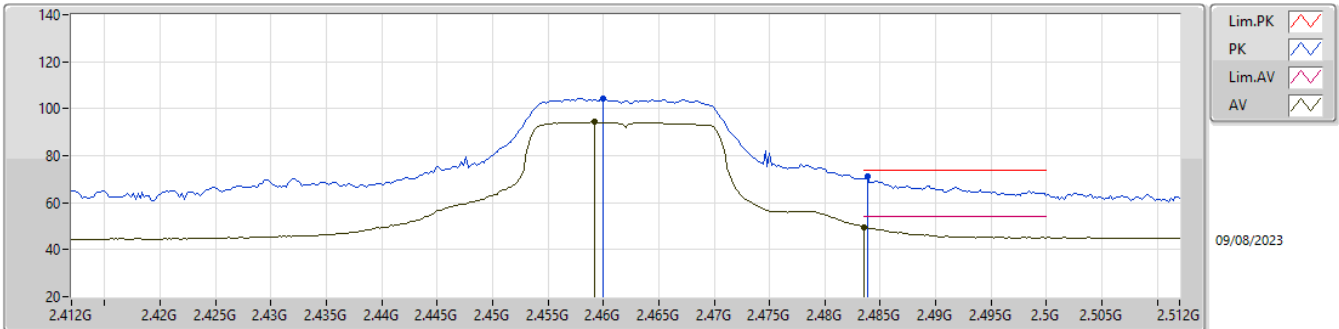
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4556G	89.91	Inf	-Inf	31.35	3	Horizontal	324	2.80	58.56	27.53	3.82	-
AV	2.4835G	46.38	54.00	-7.62	31.54	3	Horizontal	324	2.80	14.84	27.70	3.84	-
PK	2.4558G	100.54	Inf	-Inf	31.35	3	Horizontal	324	2.80	69.19	27.53	3.82	-
PK	2.4844G	71.81	74.00	-2.19	31.55	3	Horizontal	324	2.80	40.26	27.71	3.84	-

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

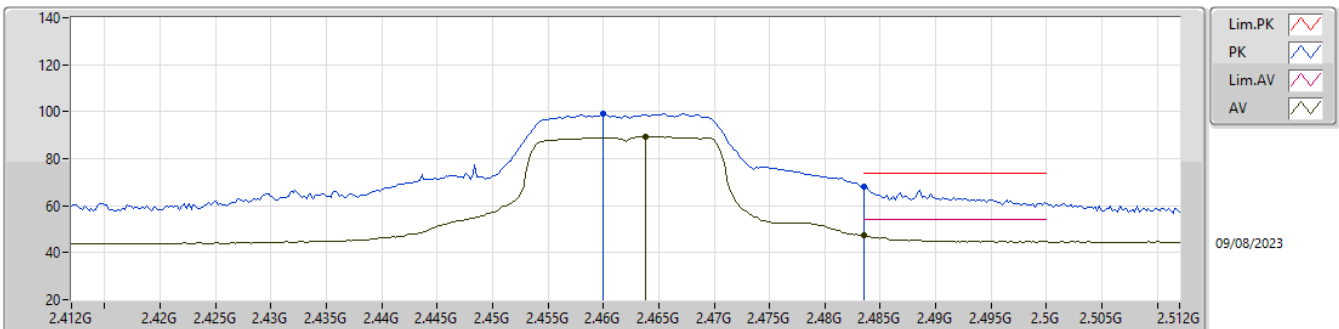
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4592G	94.28	Inf	-Inf	31.38	3	Vertical	108	2.46	62.90	27.56	3.82	-
AV	2.4835G	49.71	54.00	-4.29	31.54	3	Vertical	108	2.46	18.17	27.70	3.84	-
PK	2.46G	104.47	Inf	-Inf	31.38	3	Vertical	108	2.46	73.09	27.56	3.82	-
PK	2.4838G	71.38	74.00	-2.62	31.54	3	Vertical	108	2.46	39.84	27.70	3.84	-

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

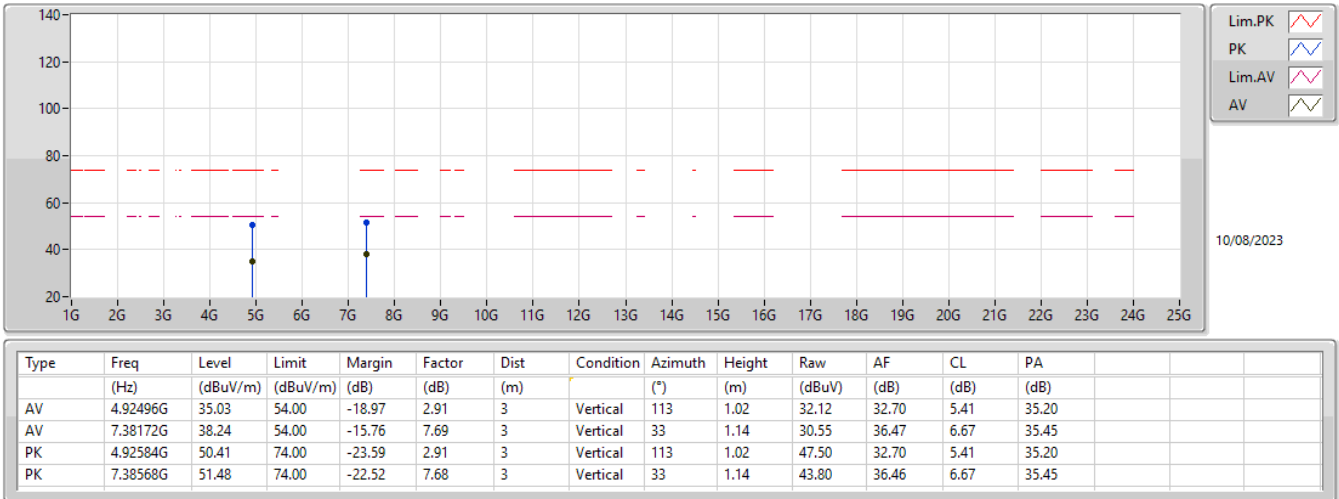
2462MHz_TX



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	2.4638G	89.37	Inf	-Inf	31.40	3	Horizontal	324	2.76	57.97	27.58	3.82	-
AV	2.4835G	47.30	54.00	-6.70	31.54	3	Horizontal	324	2.76	15.76	27.70	3.84	-
PK	2.46G	99.19	Inf	-Inf	31.38	3	Horizontal	324	2.76	67.81	27.56	3.82	-
PK	2.4835G	67.99	74.00	-6.01	31.54	3	Horizontal	324	2.76	36.45	27.70	3.84	-

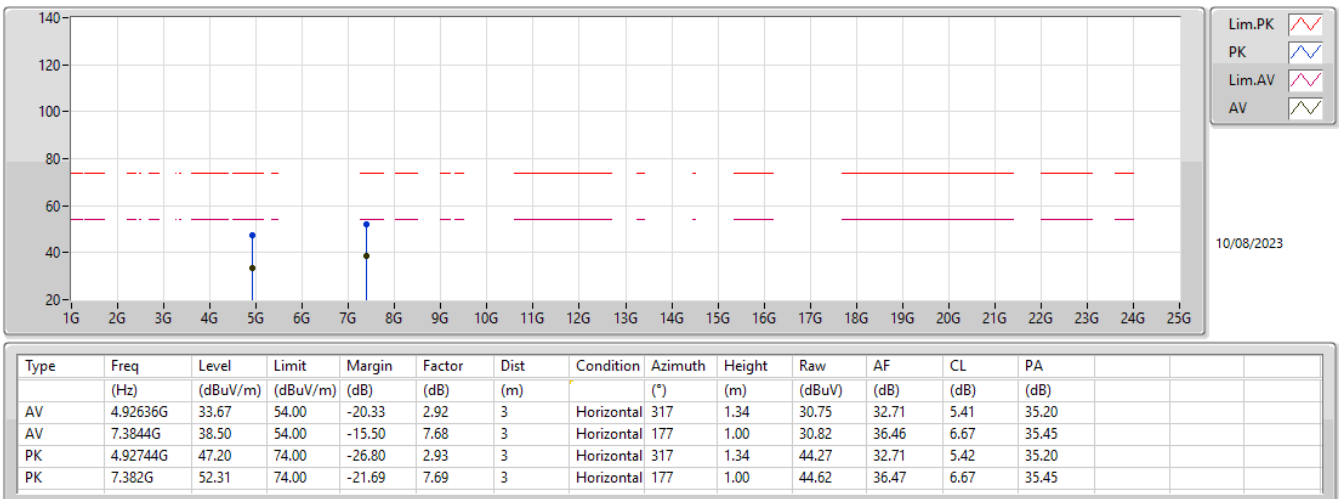
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



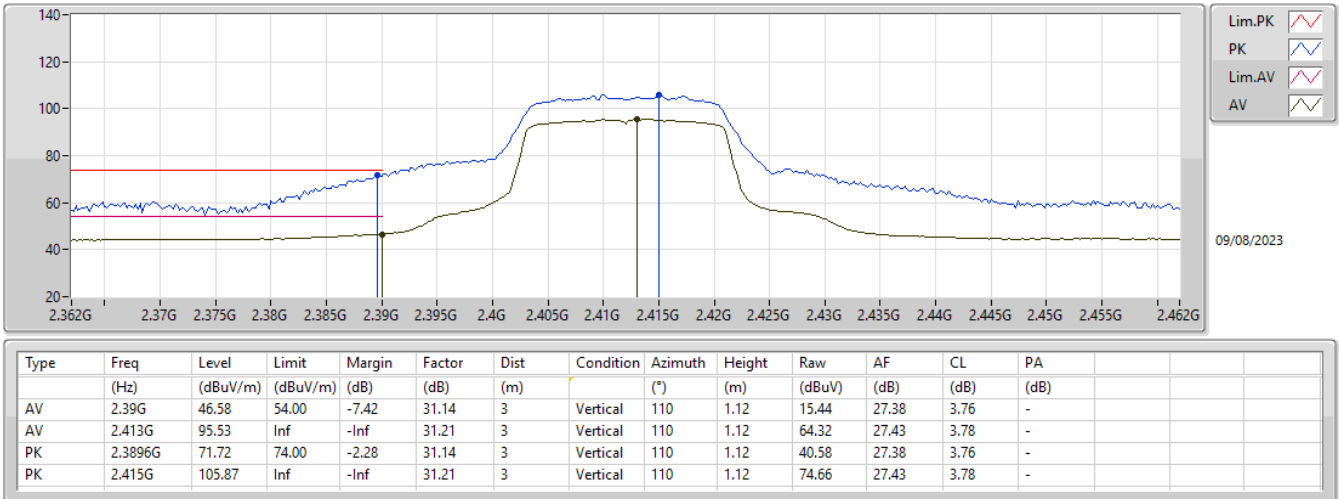
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2462MHz_TX



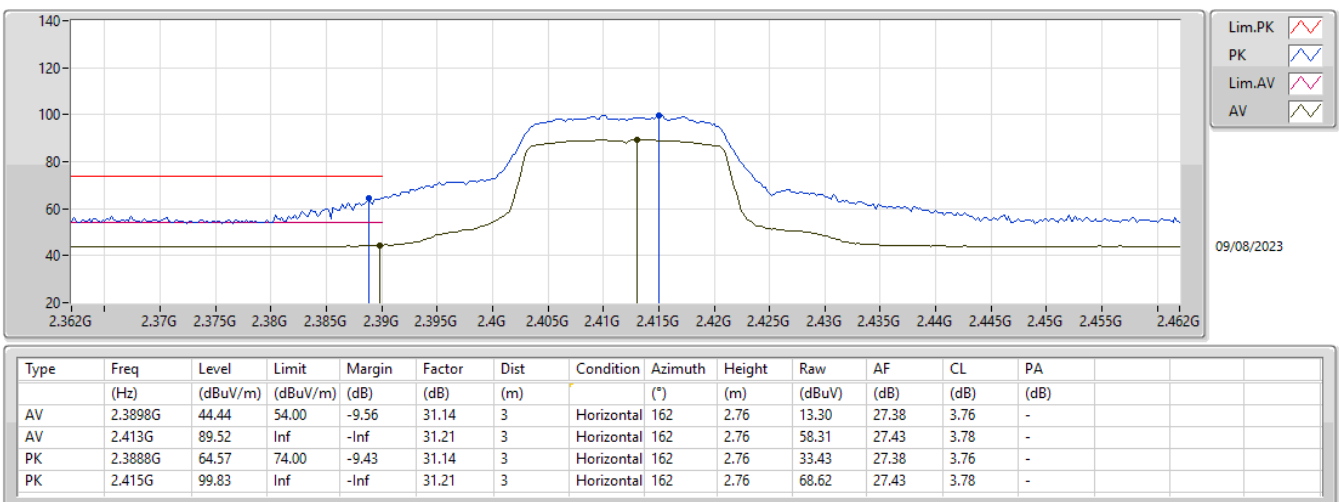
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2412MHz_TX



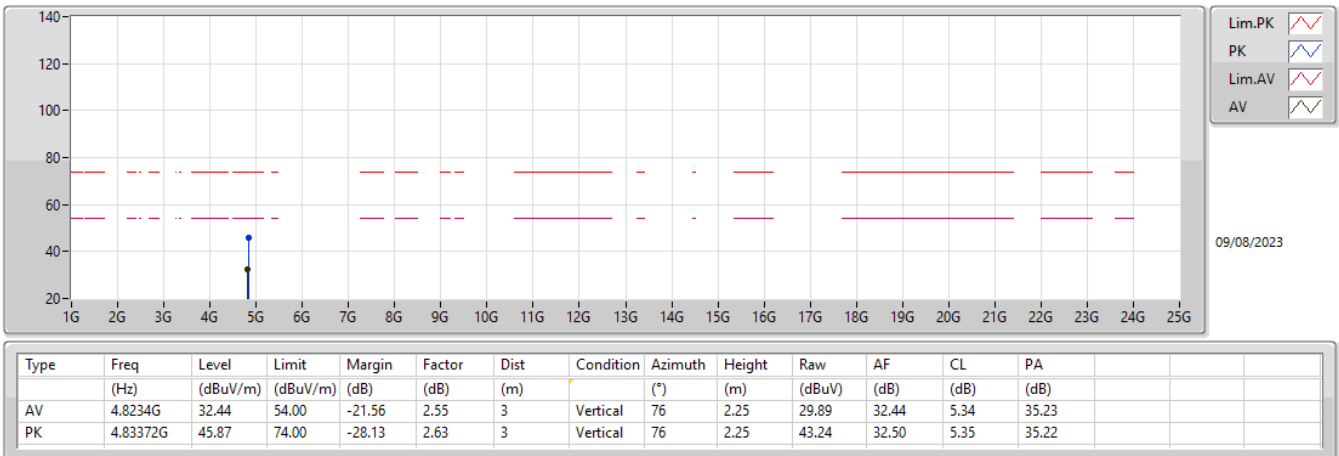
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2412MHz_TX



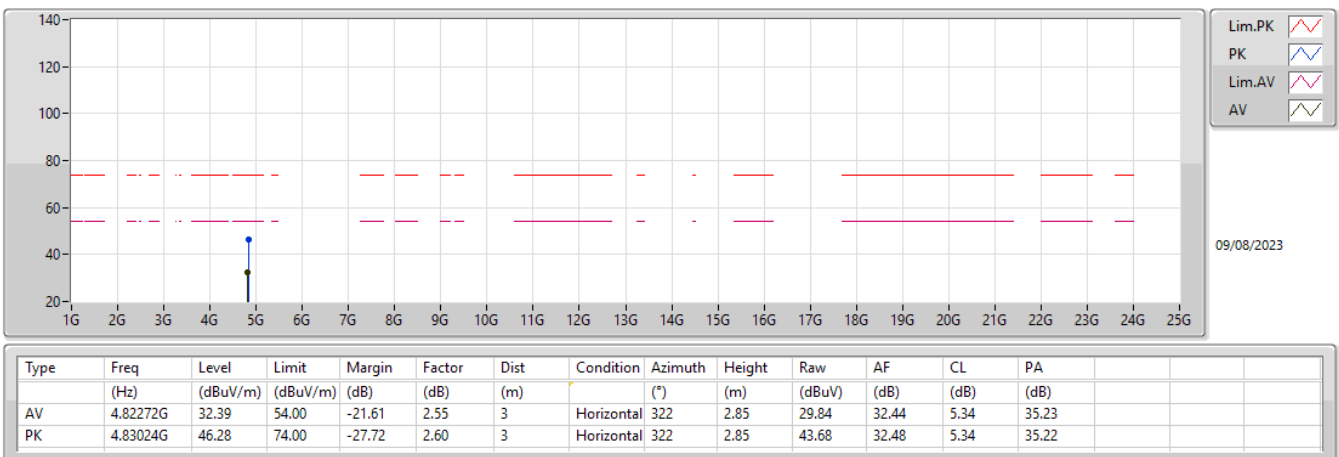
2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX



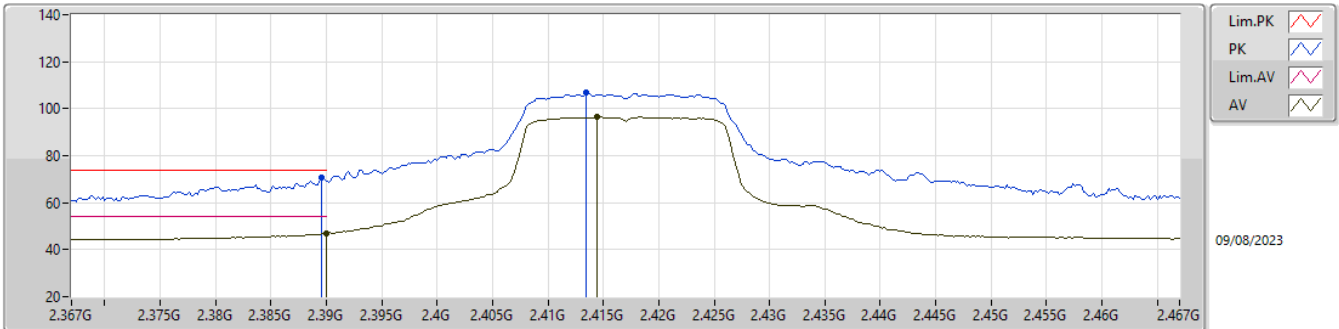
2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX



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

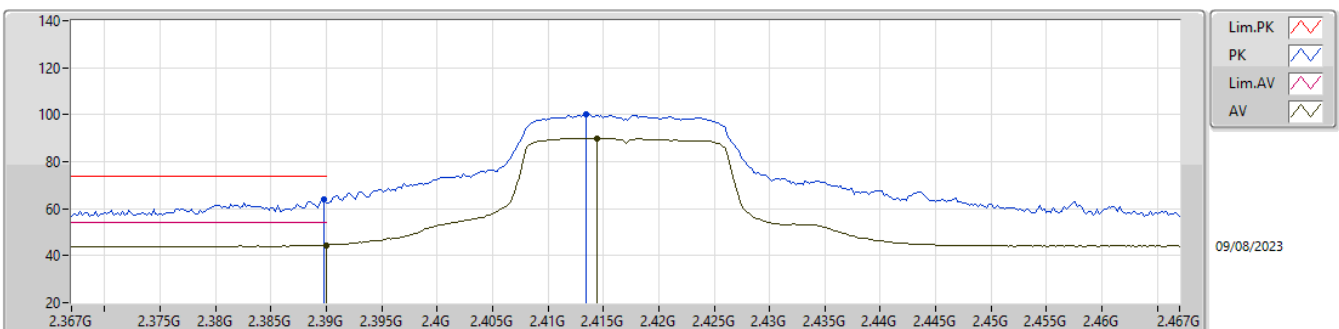
2417MHz_TX



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	2.39G	47.09	54.00	-6.91	31.14	3	Vertical	112	1.17	15.95	27.38	3.76	-
AV	2.4144G	96.36	Inf	-Inf	31.21	3	Vertical	112	1.17	65.15	27.43	3.78	-
PK	2.3896G	70.82	74.00	-3.18	31.14	3	Vertical	112	1.17	39.68	27.38	3.76	-
PK	2.4134G	106.69	Inf	-Inf	31.21	3	Vertical	112	1.17	75.48	27.43	3.78	-

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

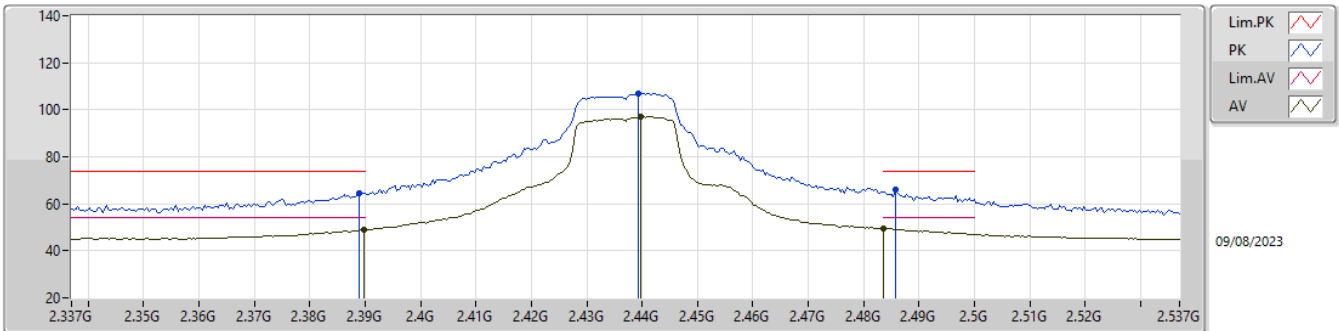
2417MHz_TX



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	2.39G	44.48	54.00	-9.52	31.14	3	Horizontal	161	2.78	13.34	27.38	3.76	-
AV	2.4144G	90.04	Inf	-Inf	31.21	3	Horizontal	161	2.78	58.83	27.43	3.78	-
PK	2.3898G	63.73	74.00	-10.27	31.14	3	Horizontal	161	2.78	32.59	27.38	3.76	-
PK	2.4134G	100.38	Inf	-Inf	31.21	3	Horizontal	161	2.78	69.17	27.43	3.78	-

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

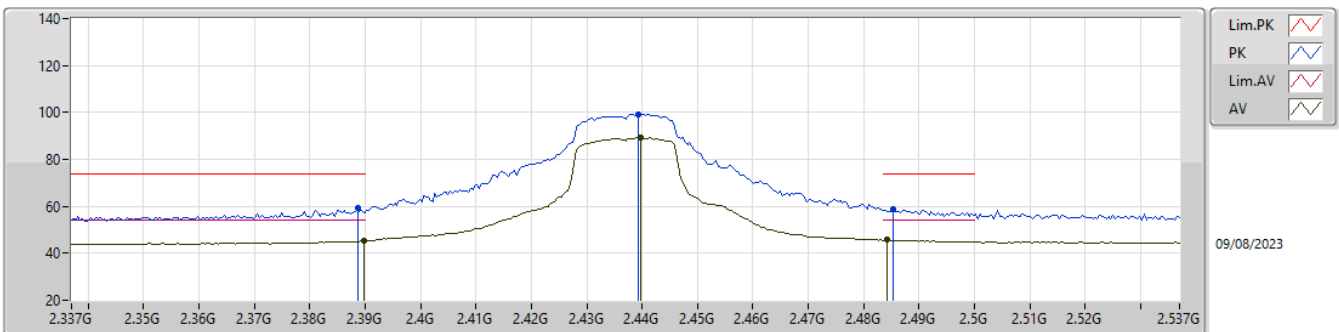
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.77	54.00	-5.23	31.14	3	Vertical	112	1.50	17.63	27.38	3.76	-
AV	2.4398G	97.01	Inf	-Inf	31.28	3	Vertical	112	1.50	65.73	27.48	3.80	-
AV	2.4835G	49.70	54.00	-4.30	31.54	3	Vertical	112	1.50	18.16	27.70	3.84	-
PK	2.389G	64.28	74.00	-9.72	31.14	3	Vertical	112	1.50	33.14	27.38	3.76	-
PK	2.4394G	106.99	Inf	-Inf	31.28	3	Vertical	112	1.50	75.71	27.48	3.80	-
PK	2.4858G	65.80	74.00	-8.20	31.55	3	Vertical	112	1.50	34.25	27.71	3.84	-

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

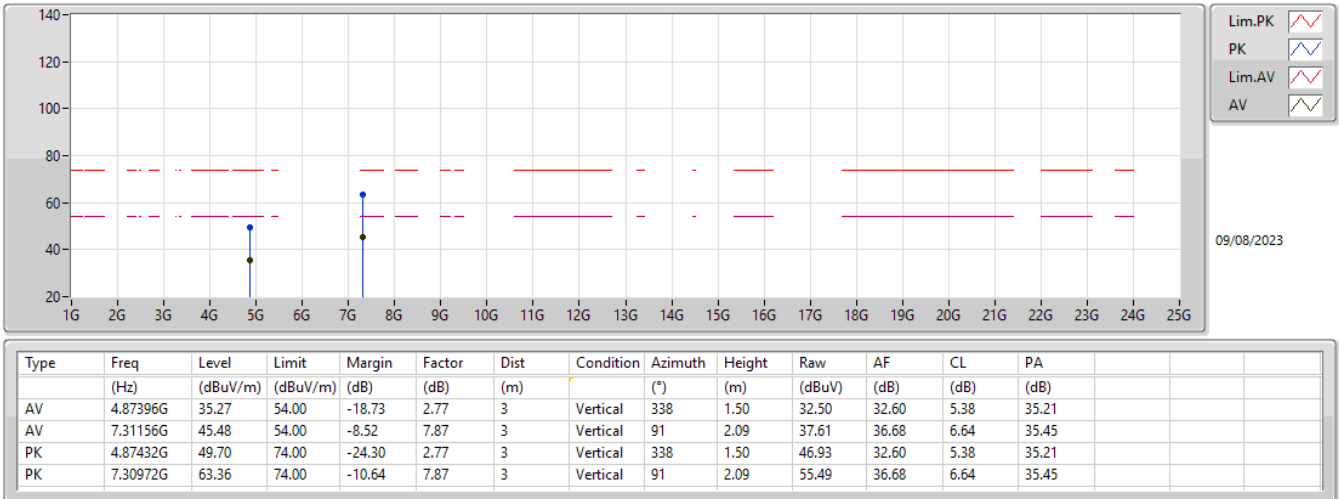
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	45.22	54.00	-8.78	31.14	3	Horizontal	134	1.50	14.08	27.38	3.76	-
AV	2.4398G	89.23	Inf	-Inf	31.28	3	Horizontal	134	1.50	57.95	27.48	3.80	-
AV	2.4842G	45.75	54.00	-8.25	31.55	3	Horizontal	134	1.50	14.20	27.71	3.84	-
PK	2.3886G	59.14	74.00	-14.86	31.14	3	Horizontal	134	1.50	28.00	27.38	3.76	-
PK	2.4394G	99.33	Inf	-Inf	31.28	3	Horizontal	134	1.50	68.05	27.48	3.80	-
PK	2.4854G	58.91	74.00	-15.09	31.55	3	Horizontal	134	1.50	27.36	27.71	3.84	-

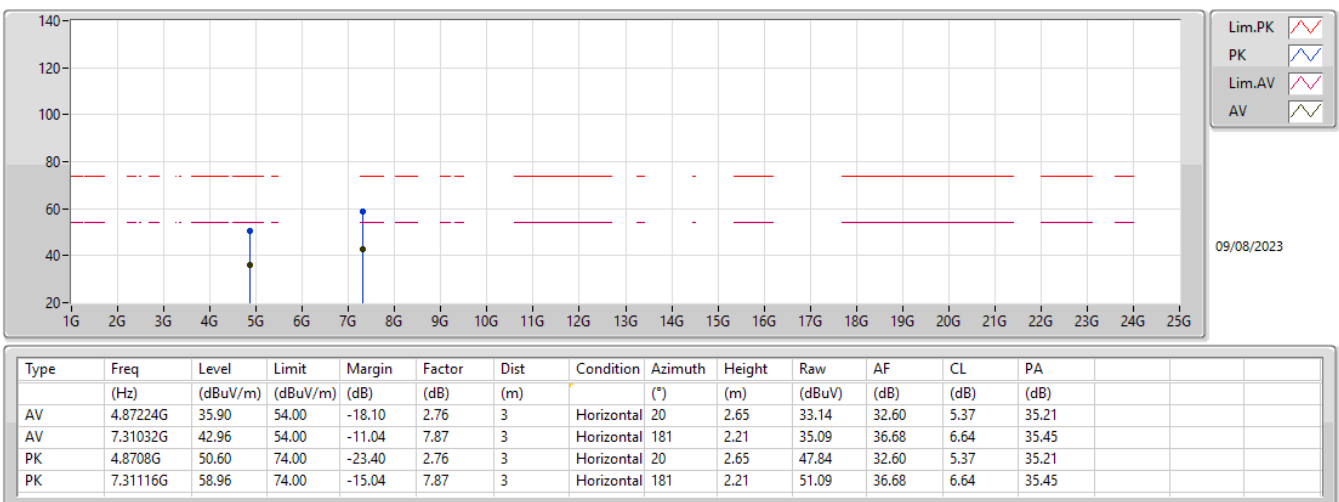
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2437MHz_TX



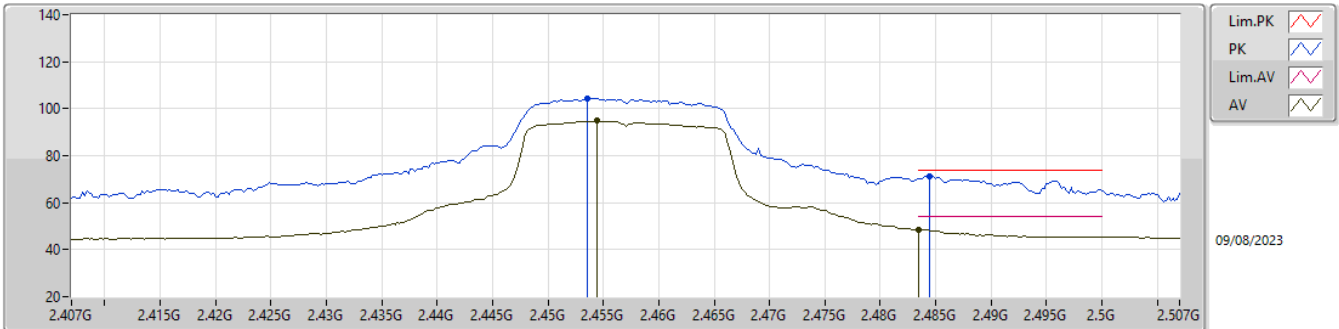
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

2437MHz_TX



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

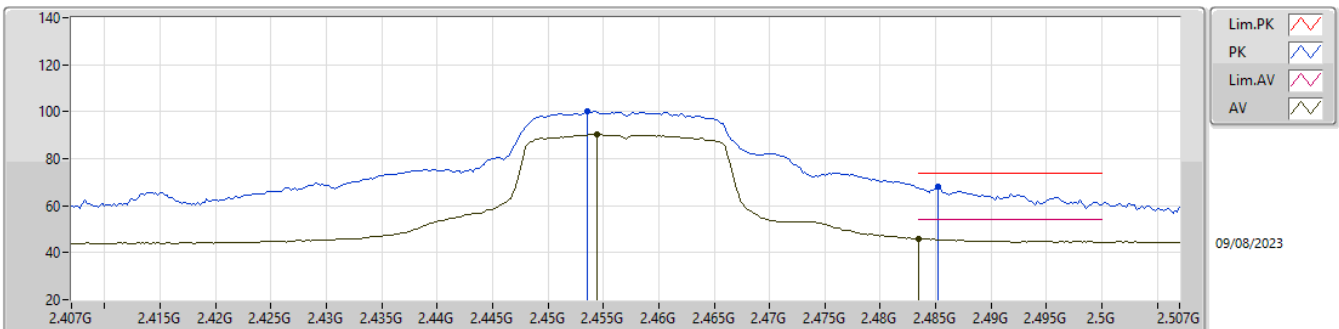
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4544G	94.79	Inf	-Inf	31.35	3	Vertical	119	1.50	63.44	27.53	3.82	-
AV	2.4835G	48.50	54.00	-5.50	31.54	3	Vertical	119	1.50	16.96	27.70	3.84	-
PK	2.4536G	104.49	Inf	-Inf	31.34	3	Vertical	119	1.50	73.15	27.52	3.82	-
PK	2.4844G	71.36	74.00	-2.64	31.55	3	Vertical	119	1.50	39.81	27.71	3.84	-

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

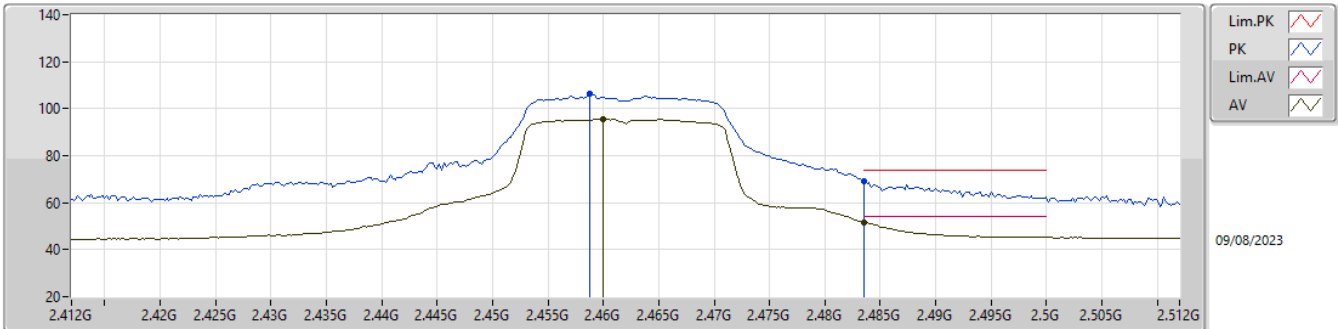
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4544G	90.29	Inf	-Inf	31.35	3	Horizontal	335	3.00	58.94	27.53	3.82	-
AV	2.4835G	46.12	54.00	-7.88	31.54	3	Horizontal	335	3.00	14.58	27.70	3.84	-
PK	2.4536G	99.95	Inf	-Inf	31.34	3	Horizontal	335	3.00	68.61	27.52	3.82	-
PK	2.4852G	67.98	74.00	-6.02	31.55	3	Horizontal	335	3.00	36.43	27.71	3.84	-

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

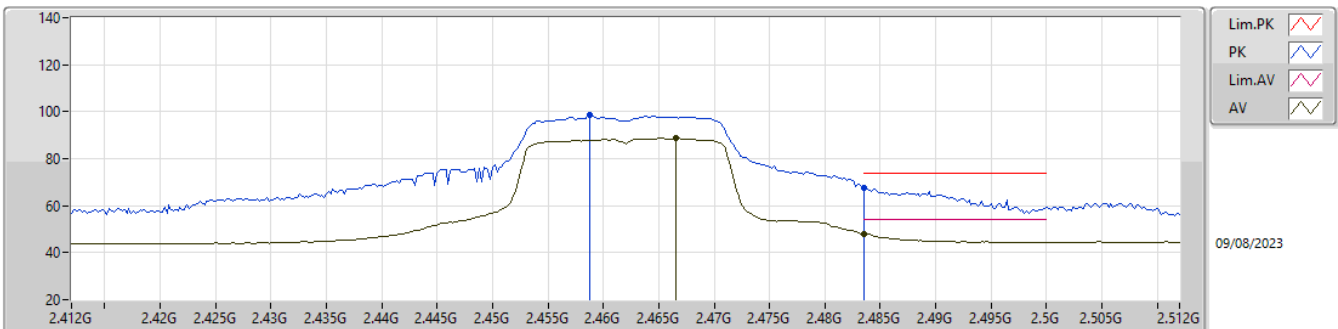
2462MHz_TX



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	2.46G	95.54	Inf	-Inf	31.38	3	Vertical	114	2.42	64.16	27.56	3.82	-
AV	2.4835G	51.68	54.00	-2.32	31.54	3	Vertical	114	2.42	20.14	27.70	3.84	-
PK	2.4588G	106.19	Inf	-Inf	31.37	3	Vertical	114	2.42	74.82	27.55	3.82	-
PK	2.4835G	69.11	74.00	-4.89	31.54	3	Vertical	114	2.42	37.57	27.70	3.84	-

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

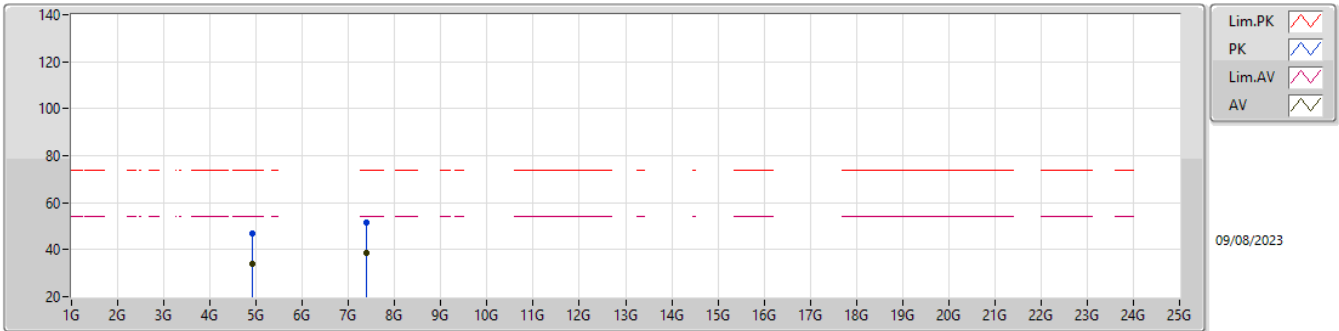
2462MHz_TX



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	2.4666G	88.64	Inf	-Inf	31.43	3	Horizontal	318	2.42	57.21	27.60	3.83	-
AV	2.4835G	47.85	54.00	-6.15	31.54	3	Horizontal	318	2.42	16.31	27.70	3.84	-
PK	2.4588G	98.77	Inf	-Inf	31.37	3	Horizontal	318	2.42	67.40	27.55	3.82	-
PK	2.4835G	67.83	74.00	-6.17	31.54	3	Horizontal	318	2.42	36.29	27.70	3.84	-

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

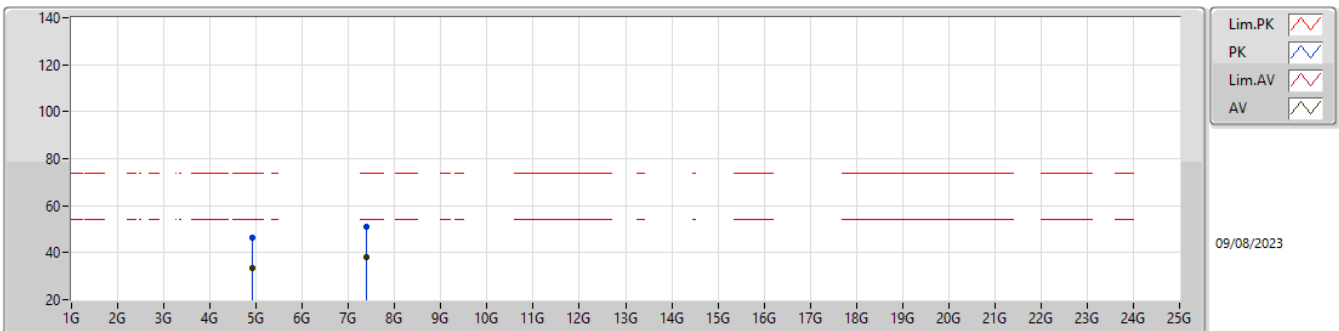
2462MHz_TX



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	4.92634G	34.13	54.00	-19.87	2.92	3	Vertical	99	1.17	31.21	32.71	5.41	35.20
AV	7.38618G	38.57	54.00	-15.43	7.68	3	Vertical	360	3.00	30.89	36.46	6.67	35.45
PK	4.92316G	47.14	74.00	-26.86	2.90	3	Vertical	99	1.17	44.24	32.69	5.41	35.20
PK	7.38264G	51.58	74.00	-22.42	7.69	3	Vertical	360	3.00	43.89	36.47	6.67	35.45

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

2462MHz_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	4.92184G	33.49	54.00	-20.51	2.90	3	Horizontal	323	1.74	30.59	32.69	5.41	35.20
AV	7.38096G	38.30	54.00	-15.70	7.70	3	Horizontal	184	1.50	30.60	36.48	6.67	35.45
PK	4.9246G	46.41	74.00	-27.59	2.91	3	Horizontal	323	1.74	43.50	32.70	5.41	35.20
PK	7.38444G	51.16	74.00	-22.84	7.68	3	Horizontal	184	1.50	43.48	36.46	6.67	35.45



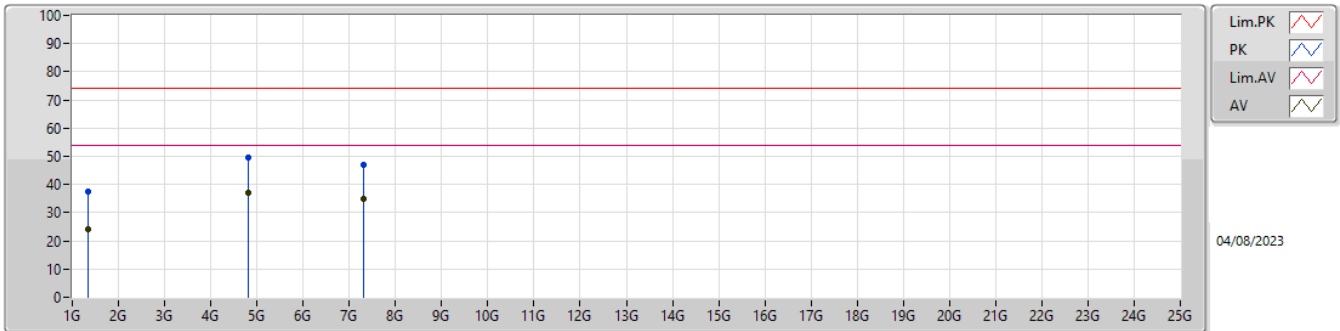
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87508G	46.32	54.00	-7.68	Horizontal
Mode 2	Pass	AV	4.85352G	47.45	54.00	-6.55	Horizontal
Mode 3	Pass	AV	7.86361G	44.74	54.00	-9.26	Horizontal
Mode 4	Pass	AV	4.87508G	37.13	54.00	-16.87	Horizontal

Result

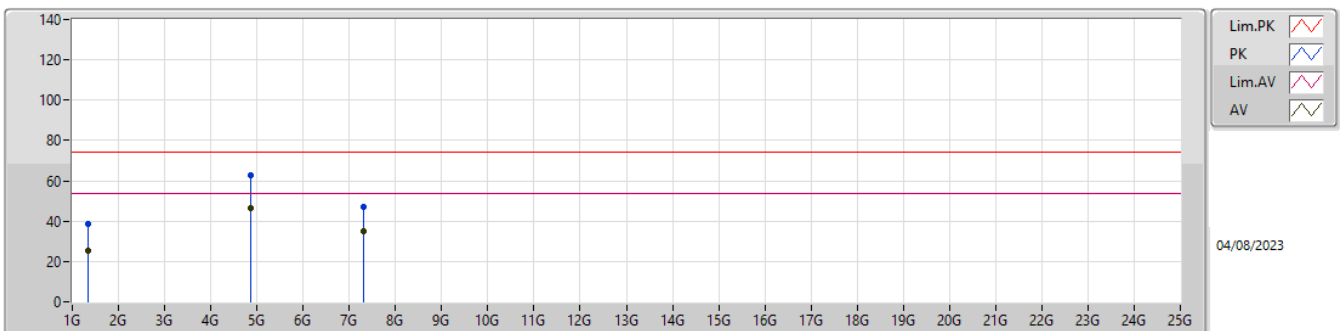
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.34476G	23.96	54.00	-30.04	3	Vertical	210	1.43
Mode 1	Pass	AV	4.82175G	36.96	54.00	-17.04	3	Vertical	156	2.17
Mode 1	Pass	AV	7.30424G	35.04	54.00	-18.96	3	Vertical	182	2.13
Mode 1	Pass	PK	1.34523G	37.54	74.00	-36.46	3	Vertical	210	1.43
Mode 1	Pass	PK	4.82175G	49.78	74.00	-24.22	3	Vertical	156	2.17
Mode 1	Pass	PK	7.30564G	46.96	74.00	-27.04	3	Vertical	182	2.13
Mode 1	Pass	AV	1.34562G	25.54	54.00	-28.46	3	Horizontal	35	1.35
Mode 1	Pass	AV	4.87508G	46.32	54.00	-7.68	3	Horizontal	81	2.43
Mode 1	Pass	AV	7.30424G	35.04	54.00	-18.96	3	Horizontal	168	2.57
Mode 1	Pass	PK	1.34473G	38.63	74.00	-35.37	3	Horizontal	35	1.35
Mode 1	Pass	PK	4.87472G	63.03	74.00	-10.97	3	Horizontal	81	2.43
Mode 1	Pass	PK	7.30564G	46.96	74.00	-27.04	3	Horizontal	168	2.57
Mode 2	Pass	AV	1.1982G	36.98	54.00	-17.02	3	Vertical	128	1.47
Mode 2	Pass	AV	3.18734G	39.93	54.00	-14.07	3	Vertical	193	2.52
Mode 2	Pass	AV	4.84981G	36.37	54.00	-17.63	3	Vertical	243	2.81
Mode 2	Pass	PK	1.19887G	46.96	74.00	-27.04	3	Vertical	128	1.47
Mode 2	Pass	PK	3.18765G	49.89	74.00	-24.11	3	Vertical	193	2.52
Mode 2	Pass	PK	4.84997G	47.49	74.00	-26.51	3	Vertical	243	2.81
Mode 2	Pass	AV	1.1824G	34.65	54.00	-19.35	3	Horizontal	345	2.74
Mode 2	Pass	AV	2.0631G	34.03	54.00	-19.97	3	Horizontal	270	1.49
Mode 2	Pass	AV	4.85352G	47.45	54.00	-6.55	3	Horizontal	195	2.46
Mode 2	Pass	PK	1.18521G	49.02	74.00	-24.98	3	Horizontal	345	2.74
Mode 2	Pass	PK	2.0635G	44.65	74.00	-29.35	3	Horizontal	150	1.49
Mode 2	Pass	PK	4.8537G	61.35	74.00	-12.65	3	Horizontal	195	2.46
Mode 3	Pass	AV	4.95978G	35.21	54.00	-18.79	3	Vertical	325	1.67
Mode 3	Pass	AV	7.86387G	42.84	54.00	-11.16	3	Vertical	320	1.52
Mode 3	Pass	AV	11.70682G	43.08	54.00	-10.92	3	Vertical	28	2.31
Mode 3	Pass	PK	4.95766G	45.14	74.00	-28.86	3	Vertical	325	1.67
Mode 3	Pass	PK	7.86392G	53.00	74.00	-21.00	3	Vertical	320	1.52
Mode 3	Pass	PK	11.7135G	53.43	74.00	-20.57	3	Vertical	28	2.31
Mode 3	Pass	AV	4.95983G	36.87	54.00	-17.13	3	Horizontal	43	2.38
Mode 3	Pass	AV	7.86361G	44.74	54.00	-9.26	3	Horizontal	137	2.08
Mode 3	Pass	AV	11.71469G	42.95	54.00	-11.05	3	Horizontal	257	1.84
Mode 3	Pass	PK	4.96019G	46.22	74.00	-27.78	3	Horizontal	43	2.38
Mode 3	Pass	PK	7.86388G	53.47	74.00	-20.53	3	Horizontal	137	2.08
Mode 3	Pass	PK	11.71474G	53.83	74.00	-20.17	3	Horizontal	257	1.84
Mode 4	Pass	AV	1.34476G	23.96	54.00	-30.04	3	Vertical	210	1.43
Mode 4	Pass	AV	4.82175G	36.96	54.00	-17.04	3	Vertical	156	2.17
Mode 4	Pass	AV	7.30424G	35.04	54.00	-18.96	3	Vertical	182	2.13
Mode 4	Pass	PK	1.34523G	37.54	74.00	-36.46	3	Vertical	210	1.43
Mode 4	Pass	PK	4.82175G	49.78	74.00	-24.22	3	Vertical	156	2.17
Mode 4	Pass	PK	7.30564G	46.96	74.00	-27.04	3	Vertical	182	2.13
Mode 4	Pass	AV	1.34562G	25.54	54.00	-28.46	3	Horizontal	35	1.35
Mode 4	Pass	AV	4.87508G	37.13	54.00	-16.87	3	Horizontal	81	2.43
Mode 4	Pass	AV	7.30424G	35.04	54.00	-18.96	3	Horizontal	168	2.57
Mode 4	Pass	PK	1.34473G	38.63	74.00	-35.37	3	Horizontal	35	1.35
Mode 4	Pass	PK	4.87472G	53.59	74.00	-20.41	3	Horizontal	81	2.43
Mode 4	Pass	PK	7.30564G	46.96	74.00	-27.04	3	Horizontal	168	2.57

Radiated Emissions above 1GHz_Mode 1



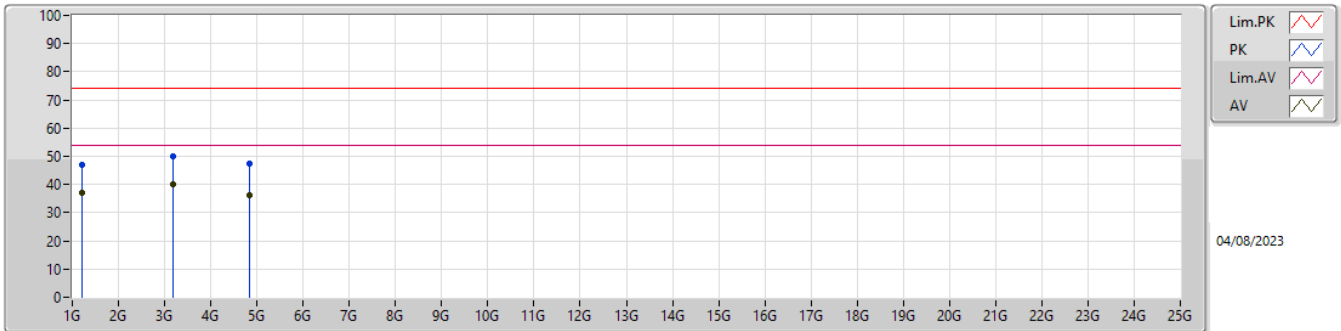
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.34476G	23.96	54.00	-30.04	-5.24	3	Vertical	210	1.43	29.20	26.06	3.16	34.46
AV	4.82175G	36.96	54.00	-17.04	4.33	3	Vertical	156	2.17	32.63	32.33	6.18	34.18
AV	7.30424G	35.04	54.00	-18.96	10.07	3	Vertical	182	2.13	24.97	36.78	7.79	34.50
PK	1.34523G	37.54	74.00	-36.46	-5.24	3	Vertical	210	1.43	42.78	26.06	3.16	34.46
PK	4.82175G	49.78	74.00	-24.22	4.33	3	Vertical	156	2.17	45.45	32.33	6.18	34.18
PK	7.30564G	46.96	74.00	-27.04	10.07	3	Vertical	182	2.13	36.89	36.78	7.79	34.50

Radiated Emissions above 1GHz_Mode 1



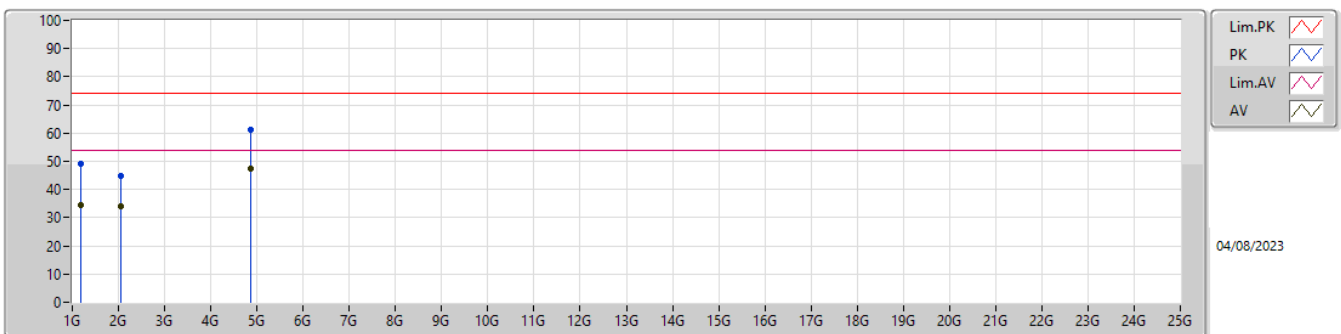
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.34562G	25.54	54.00	-28.46	-5.24	3	Horizontal	35	1.35	30.78	26.06	3.16	34.46
AV	4.87508G	46.32	54.00	-7.68	4.65	3	Horizontal	81	2.43	41.67	32.60	6.21	34.16
AV	7.30424G	35.04	54.00	-18.96	10.07	3	Horizontal	168	2.57	24.97	36.78	7.79	34.50
PK	1.34473G	38.63	74.00	-35.37	-5.24	3	Horizontal	35	1.35	43.87	26.06	3.16	34.46
PK	4.87472G	63.03	74.00	-10.97	4.64	3	Horizontal	81	2.43	58.39	32.60	6.21	34.17
PK	7.30564G	46.96	74.00	-27.04	10.07	3	Horizontal	168	2.57	36.89	36.78	7.79	34.50

Radiated Emissions above 1GHz_Mode 2



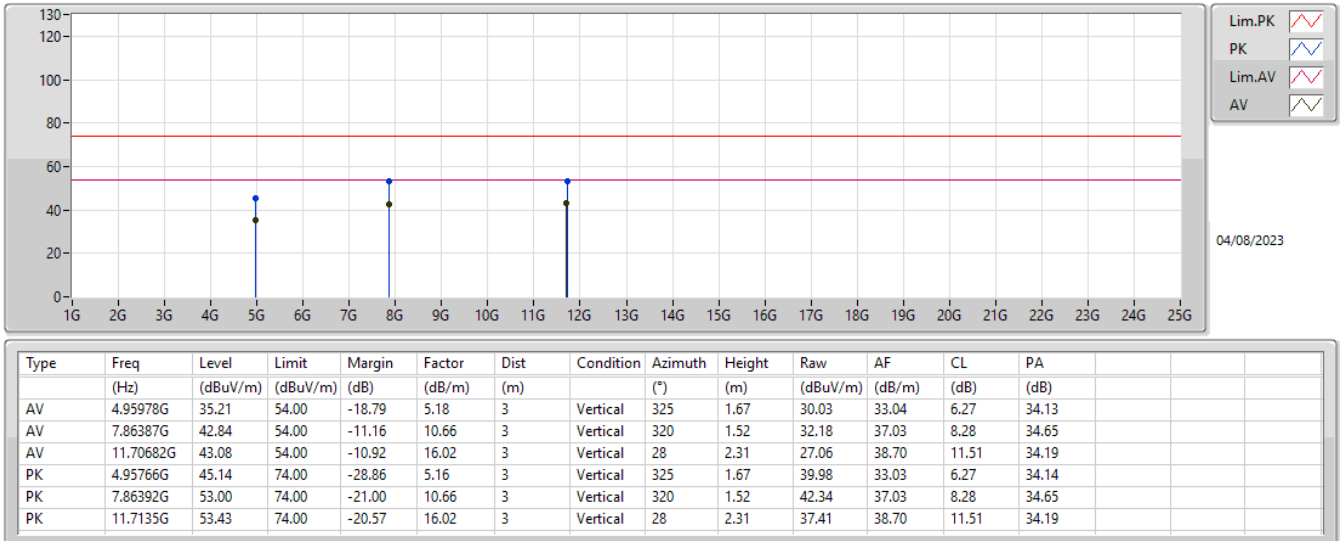
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.1982G	36.98	54.00	-17.02	-5.66	3	Vertical	128	1.47	42.64	26.10	2.95	34.71
AV	3.18734G	39.93	54.00	-14.07	0.45	3	Vertical	193	2.52	39.48	29.80	4.93	34.28
AV	4.84981G	36.37	54.00	-17.63	4.52	3	Vertical	243	2.81	31.85	32.50	6.19	34.17
PK	1.19887G	46.96	74.00	-27.04	-5.66	3	Vertical	128	1.47	52.62	26.10	2.95	34.71
PK	3.18765G	49.89	74.00	-24.11	0.46	3	Vertical	193	2.52	49.43	29.80	4.93	34.27
PK	4.84997G	47.49	74.00	-26.51	4.52	3	Vertical	243	2.81	42.97	32.50	6.19	34.17

Radiated Emissions above 1GHz_Mode 2

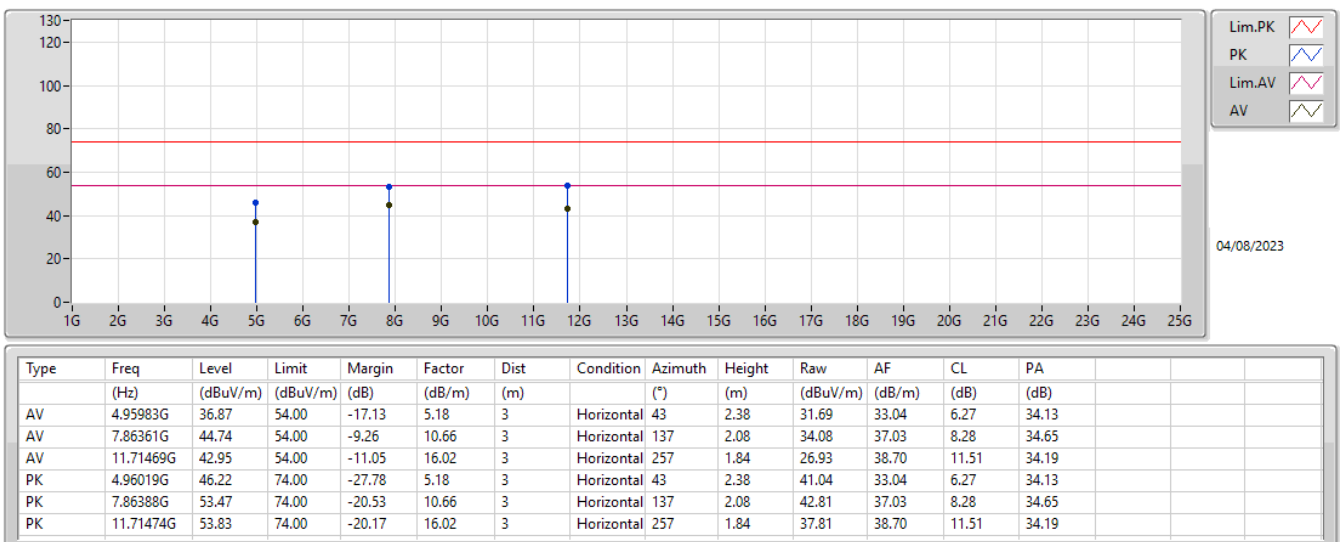


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.1824G	34.65	54.00	-19.35	-5.70	3	Horizontal	345	2.74	40.35	26.10	2.93	34.73
AV	2.0631G	34.03	54.00	-19.97	-2.81	3	Horizontal	270	1.49	36.84	27.35	3.97	34.13
AV	4.85352G	47.45	54.00	-6.55	4.54	3	Horizontal	195	2.46	42.91	32.51	6.20	34.17
PK	1.18521G	49.02	74.00	-24.98	-5.70	3	Horizontal	345	2.74	54.72	26.10	2.93	34.73
PK	2.0635G	44.65	74.00	-29.35	-2.81	3	Horizontal	150	1.49	47.46	27.35	3.97	34.13
PK	4.8537G	61.35	74.00	-12.65	4.54	3	Horizontal	195	2.46	56.81	32.51	6.20	34.17

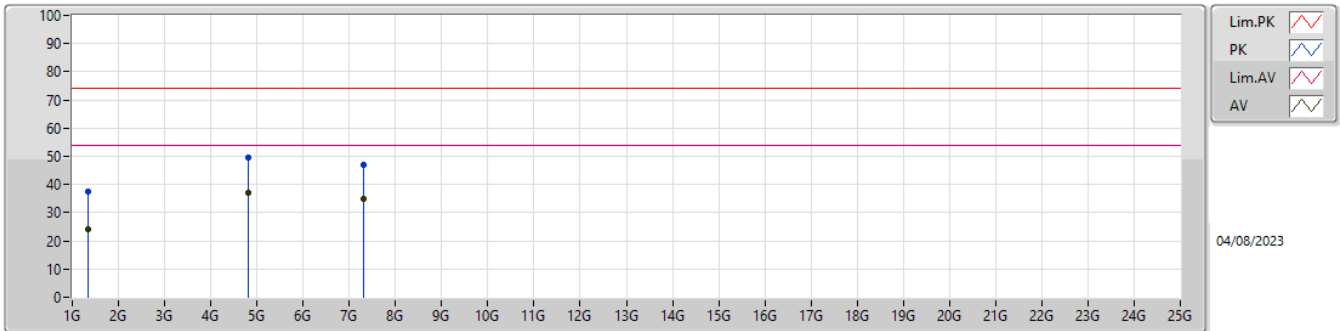
Radiated Emissions above 1GHz_Mode 3



Radiated Emissions above 1GHz_Mode 3

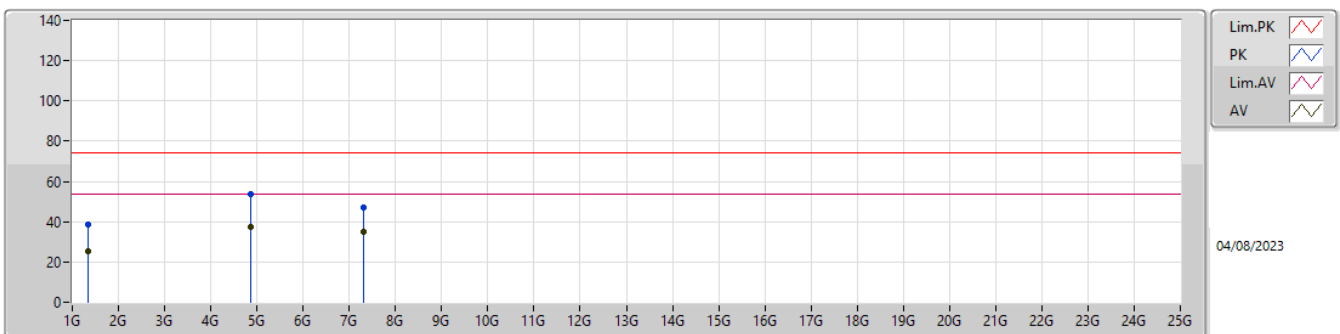


Radiated Emissions above 1GHz_Mode 4



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.34476G	23.96	54.00	-30.04	-5.24	3	Vertical	210	1.43	29.20	26.06	3.16	34.46
AV	4.82175G	36.96	54.00	-17.04	4.33	3	Vertical	156	2.17	32.63	32.33	6.18	34.18
AV	7.30424G	35.04	54.00	-18.96	10.07	3	Vertical	182	2.13	24.97	36.78	7.79	34.50
PK	1.34523G	37.54	74.00	-36.46	-5.24	3	Vertical	210	1.43	42.78	26.06	3.16	34.46
PK	4.82175G	49.78	74.00	-24.22	4.33	3	Vertical	156	2.17	45.45	32.33	6.18	34.18
PK	7.30564G	46.96	74.00	-27.04	10.07	3	Vertical	182	2.13	36.89	36.78	7.79	34.50

Radiated Emissions above 1GHz_Mode 4



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.34562G	25.54	54.00	-28.46	-5.24	3	Horizontal	35	1.35	30.78	26.06	3.16	34.46
AV	4.87508G	37.13	54.00	-16.87	4.65	3	Horizontal	81	2.43	32.48	32.60	6.21	34.16
AV	7.30424G	35.04	54.00	-18.96	10.07	3	Horizontal	168	2.57	24.97	36.78	7.79	34.50
PK	1.34473G	38.63	74.00	-35.37	-5.24	3	Horizontal	35	1.35	43.87	26.06	3.16	34.46
PK	4.87472G	53.59	74.00	-20.41	4.64	3	Horizontal	81	2.43	48.95	32.60	6.21	34.17
PK	7.30564G	46.96	74.00	-27.04	10.07	3	Horizontal	168	2.57	36.89	36.78	7.79	34.50