



FCC Radio Test Report

FCC ID : 2AGBW9290034996X
Equipment : HDMI Sync Box
Brand Name : PHILIPS
Model Name : 9290034996
Applicant : Signify (China) Investment Co., Ltd.
Building 9, Lane 888, Tianlin Road,
Minhang District, Shanghai 200233 China
Manufacturer : Signify (China) Investment Co., Ltd.
Building 9, Lane 888, Tianlin Road,
Minhang District, Shanghai 200233 China
Standard : 47 CFR FCC Part 15.247

The product was received on Sep. 23, 2022, and testing was started from Oct. 13, 2022 and completed on Nov. 10, 2022. 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
FR271604AC	01	Initial issue of report	Jul. 26, 2024

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: Ryan Hsiao

Report Producer: Ann Hou

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]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

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
2.4-2.4835GHz	802.11n HT40	40	1TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ESPRESSIF	ESP32-S3-WROOM-2	PIFA antenna	N/A	2.4

Note 1: The EUT has one antenna.

For 2.4GHz function:

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

Ant. 1 could transmit/receive.

For BT function:

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

Ant. 1 could transmit/receive.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_1TX	0.926	0.33	1.008m	1k
802.11g_Nss1,(6Mbps)_1TX	0.931	0.31	616.25u	3k
802.11n HT20_Nss1,(MCS0)_1TX	0.935	0.29	612.5u	3k
802.11n HT40_Nss1,(MCS0)_1TX	0.935	0.29	613.125u	3k

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

1.1.5 Table for Multiple Listing

Table for Explanation of 2nd Source.

Object/part or Description (location)	Location	Main source (SKU 1)	2nd source (SKU 2)
level shift	U37	Brand: UTC Model: ULSF0204G-P14-R	Brand: TI Model: LSF0204PWR
Power IC	U2	Brand: GMT Model: G5335QT1U	Brand: ANPEC Model: APW8713EQBI-TRG
IO IC	U27,U56	Brand: NOVOSENSE Model: NCA9555	Brand: NXP Model: PCA9555APW
Fuse	F1	Brand: Littelfuse Model: 2016L260/24	Brand: PTTC Model: 2016P260TF/24

From the above SKU, all of SKUs were verified and Main source (SKU 1) was selected as representative SKU for the test and its data was recorded in this report.

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	Bart	23.2~24.1°C / 56~58%	21/Oct/2022~22/Oct/2022
RF Conducted	TH06-HY	Jin	22.6~26.4°C / 51~57%	07/Nov/2022
Radiated below 1G	03CH03-HY	Bart	23.1~24.9°C / 51~58%	21/Oct/2022
☒ 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 above 1G	03CH09-HY	Lego	23.3~25.5°C / 53~56%	13/Oct/2022~10/Nov/2022

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	EspRFTestTool_v2.9
-----------------------	--------------------

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	5
2417MHz	2
2437MHz	2
2457MHz	7
2462MHz	10
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	15
2417MHz	12
2437MHz	0
2457MHz	13
2462MHz	18
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	12
2417MHz	9
2437MHz	0
2457MHz	10
2462MHz	16
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	10
2427MHz	9
2437MHz	7
2447MHz	9
2452MHz	10

2.2 The Worst Case Measurement Configuration

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

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

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

2.3 Accessories

Accessories				
AC Adapter	Brand Name	PHILIPS	Model Name	S024CSM1200200
	Power Rating	I/P: 100-240Vac, 0.6A, O/P: 12.0Vdc, 2.0A		
	Power Cord	1.25 meter, non-shielded cable, w/o ferrite core		
HDMI Cable	Signal Line	1.0 meter, shielded cable, w/o ferrite core		

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

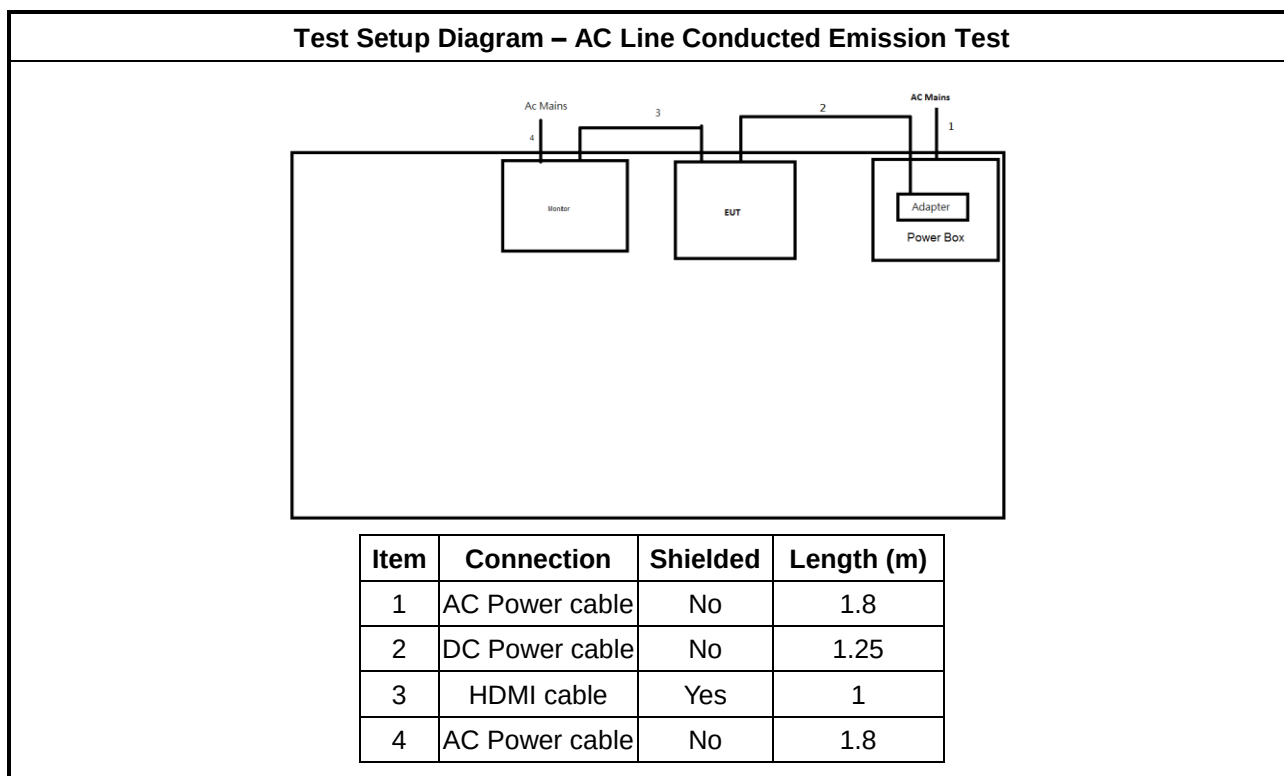
2.4 Support Equipment

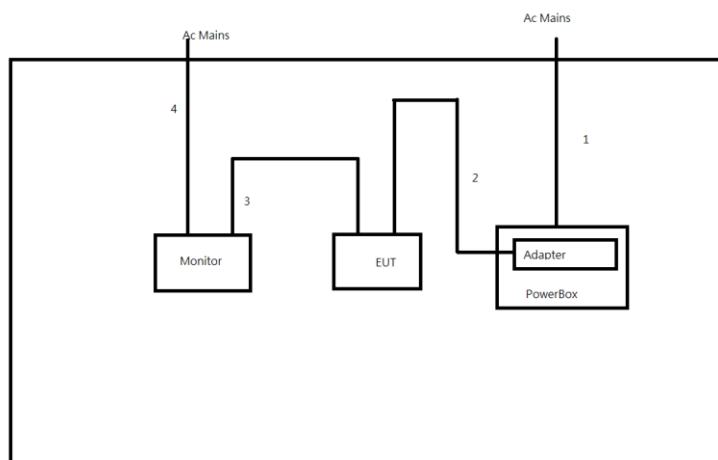
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Monitor	ASUS	PB287Q	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-I42C	-	-
2	Adapter for NB	HP	HSTNN-CA40	-	-
3	USB Cable	CHANG YANG	E210567	-	-
4	CP2102 USB to UART Bridge	segger	CP2102	-	-

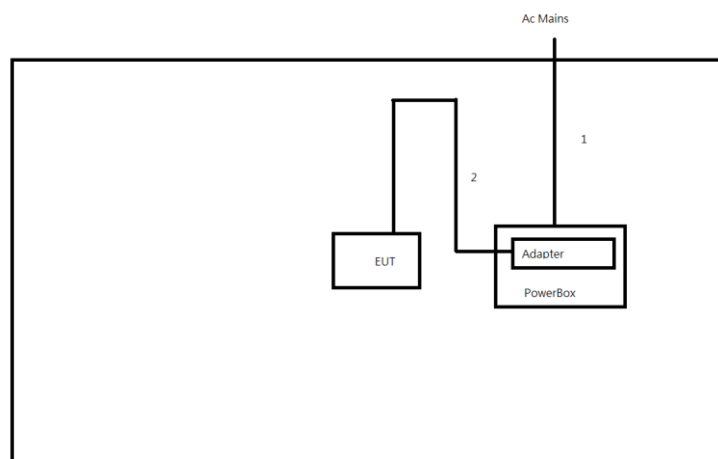
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Monitor	ASUS	PB287Q	-	-

2.5 Test Setup Diagram



Test Setup Diagram – Radiated Test (Below 1G)


Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	1.25
3	HDMI Cable	Yes	1
4	AC Power cable	No	1.8

Test Setup Diagram – Radiated Test (Above 1G)


Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	1.25

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

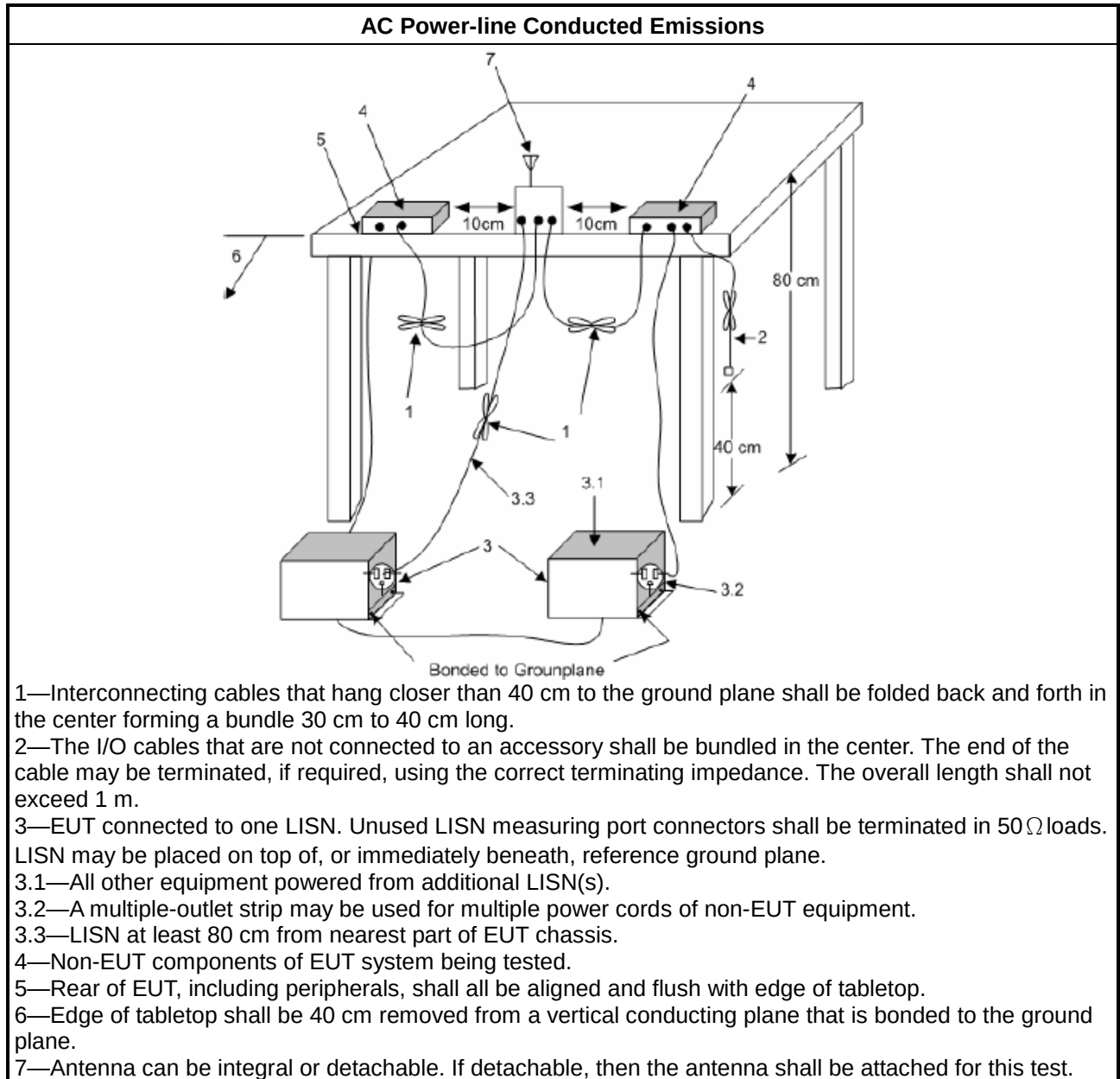
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

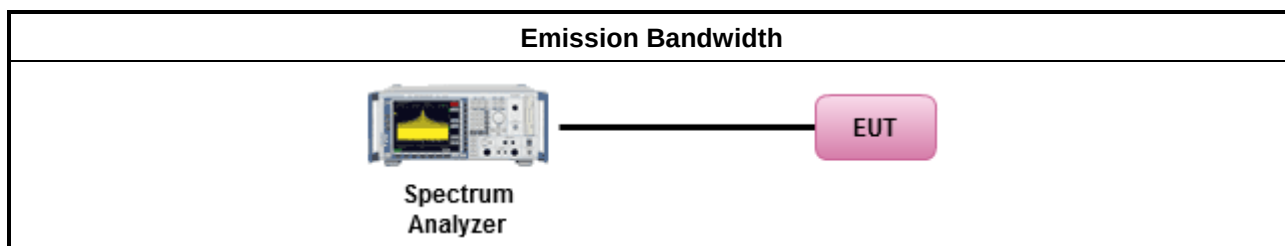
3.2.2 Measuring Instruments

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.	

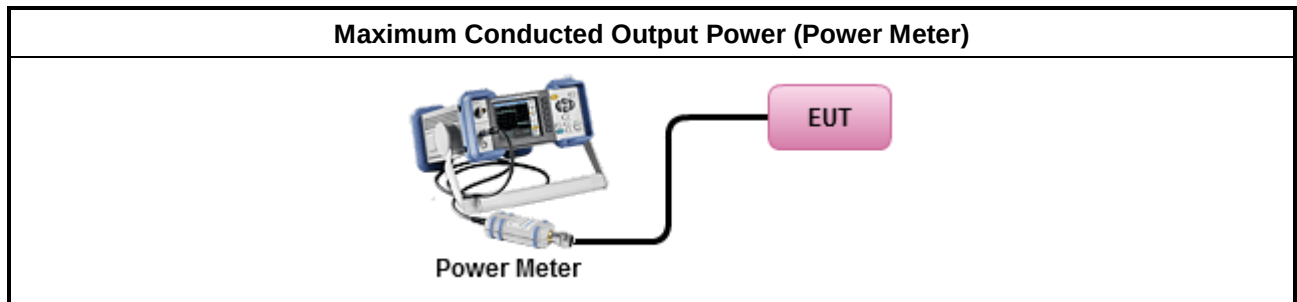
3.3.2 Measuring Instruments

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

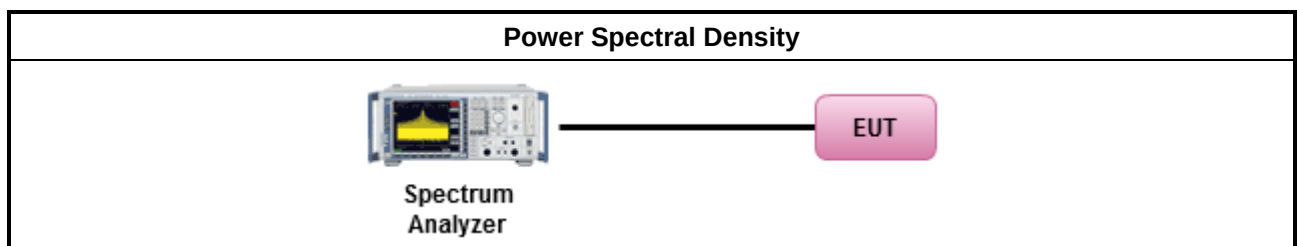
3.4.2 Measuring Instruments

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.	

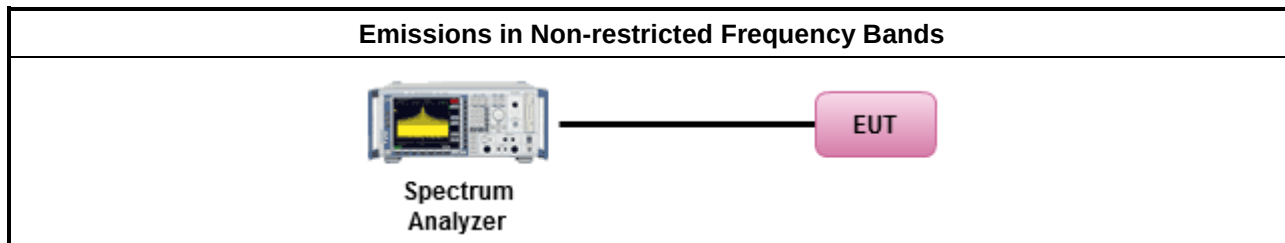
3.5.2 Measuring Instruments

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

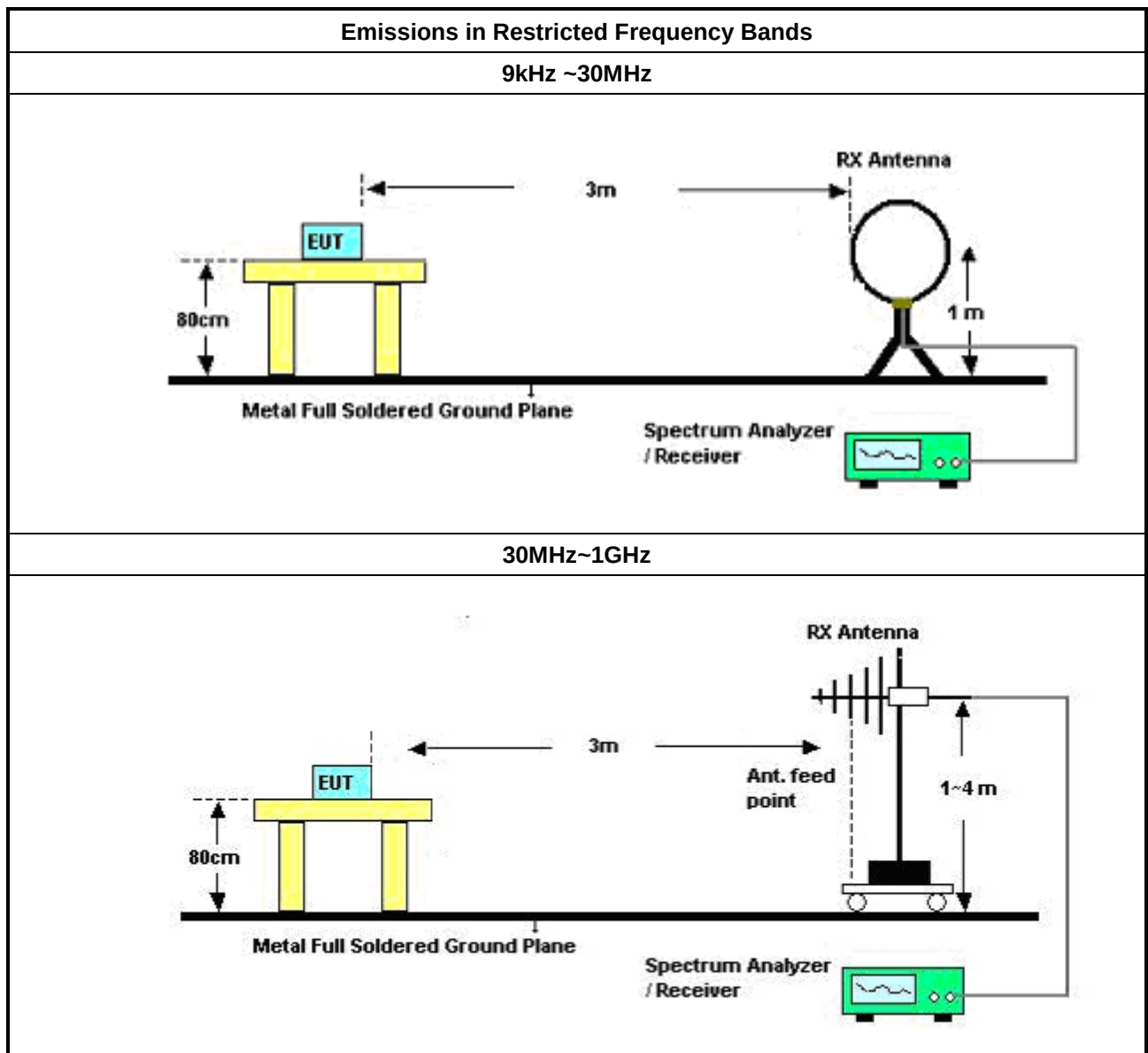
Test Method	
▪	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted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

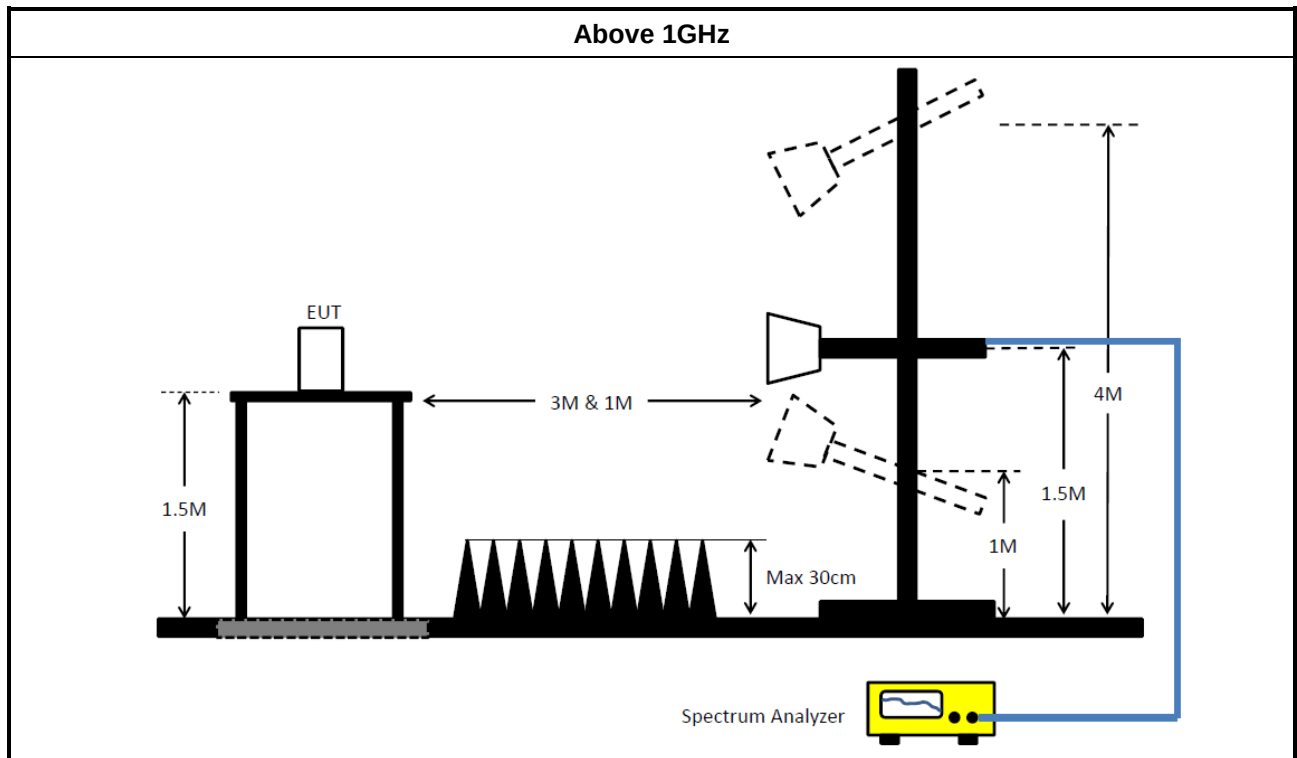
3.6.4 Measurement Results Calculation

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	ESR3	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
LISN (Support Unit)	SCHWARZBECK MESS-ELEKTRO NIK	NSLK 8127	8127477	9kHz ~ 30MHz	15/Mar/2022	14/Mar/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.8.7	-	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	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	24/Nov/2021	23/Nov/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2022	24/Mar/2023
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2022	24/Mar/2023
SENSE-15247_DTS	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated below 1G Test (03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	31/Jul/2022	30/Jul/2023
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15247_DTS	Sporton	NA	5.10.8.7.1	NA	NA	NA

**Instrument for Radiated above 1G Test (03CH09-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
SENSE-15247_DTS	Sporton	N/A	5.10.8.7.1	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

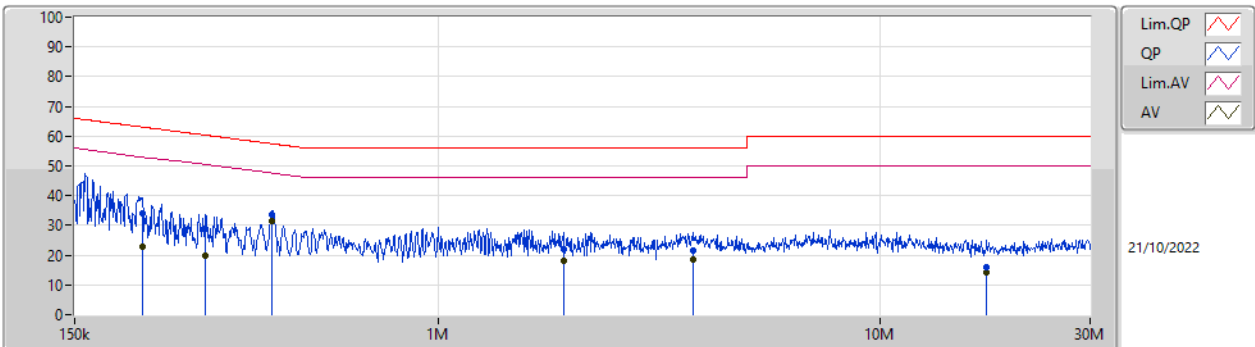
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	421.816k	34.01	47.41	-13.40	Neutral

Result

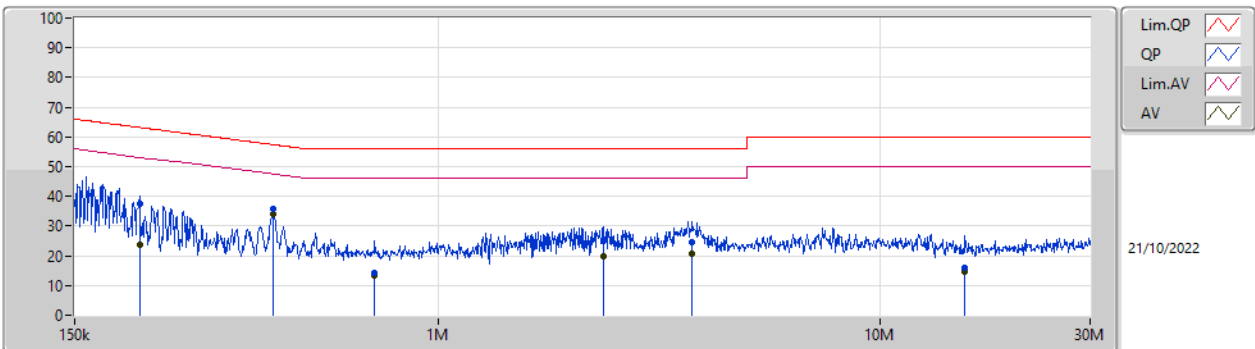
Mode	Result	Type	Freq (Hz)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	213.989k	34.26	63.06	-28.80	Line	-
Mode 1	Pass	AV	213.989k	22.72	53.06	-30.34	Line	-
Mode 1	Pass	QP	296.863k	28.67	60.32	-31.65	Line	-
Mode 1	Pass	AV	296.863k	19.85	50.32	-30.47	Line	-
Mode 1	Pass	QP	420.135k	33.44	57.45	-24.01	Line	-
Mode 1	Pass	AV	420.135k	31.67	47.45	-15.78	Line	-
Mode 1	Pass	QP	1.923M	22.13	56.00	-33.87	Line	-
Mode 1	Pass	AV	1.923M	18.31	46.00	-27.69	Line	-
Mode 1	Pass	QP	3.79M	21.72	56.00	-34.28	Line	-
Mode 1	Pass	AV	3.79M	18.66	46.00	-27.34	Line	-
Mode 1	Pass	QP	17.485M	15.98	60.00	-44.02	Line	-
Mode 1	Pass	AV	17.485M	14.40	50.00	-35.60	Line	-
Mode 1	Pass	QP	210.599k	37.38	63.19	-25.81	Neutral	-
Mode 1	Pass	AV	210.599k	23.92	53.19	-29.27	Neutral	-
Mode 1	Pass	QP	421.816k	35.63	57.41	-21.78	Neutral	-
Mode 1	Pass	AV	421.816k	34.01	47.41	-13.40	Neutral	-
Mode 1	Pass	QP	717.31k	14.42	56.00	-41.58	Neutral	-
Mode 1	Pass	AV	717.31k	13.19	46.00	-32.81	Neutral	-
Mode 1	Pass	QP	2.366M	24.79	56.00	-31.21	Neutral	-
Mode 1	Pass	AV	2.366M	19.98	46.00	-26.02	Neutral	-
Mode 1	Pass	QP	3.76M	24.64	56.00	-31.36	Neutral	-
Mode 1	Pass	AV	3.76M	20.73	46.00	-25.27	Neutral	-
Mode 1	Pass	QP	15.636M	16.10	60.00	-43.90	Neutral	-
Mode 1	Pass	AV	15.636M	14.55	50.00	-35.45	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	213.989k	34.26	63.06	-28.80	19.63	Line	-	14.63	9.69	0.03	9.91			
AV	213.989k	22.72	53.06	-30.34	19.63	Line	-	3.09	9.69	0.03	9.91			
QP	296.863k	28.67	60.32	-31.65	19.63	Line	-	9.04	9.68	0.04	9.91			
AV	296.863k	19.85	50.32	-30.47	19.63	Line	-	0.22	9.68	0.04	9.91			
QP	420.135k	33.44	57.45	-24.01	19.63	Line	-	13.81	9.68	0.04	9.91			
AV	420.135k	31.67	47.45	-15.78	19.63	Line	-	12.04	9.68	0.04	9.91			
QP	1.923M	22.13	56.00	-33.87	19.70	Line	-	2.43	9.70	0.08	9.92			
AV	1.923M	18.31	46.00	-27.69	19.70	Line	-	-1.39	9.70	0.08	9.92			
QP	3.79M	21.72	56.00	-34.28	19.76	Line	-	1.96	9.71	0.13	9.92			
AV	3.79M	18.66	46.00	-27.34	19.76	Line	-	-1.10	9.71	0.13	9.92			
QP	17.485M	15.98	60.00	-44.02	19.98	Line	-	-4.00	9.79	0.26	9.93			
AV	17.485M	14.40	50.00	-35.60	19.98	Line	-	-5.58	9.79	0.26	9.93			

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	210.599k	37.38	63.19	-25.81	19.66	Neutral	-	17.72	9.72	0.03	9.91			
AV	210.599k	23.92	53.19	-29.27	19.66	Neutral	-	4.26	9.72	0.03	9.91			
QP	421.816k	35.63	57.41	-21.78	19.67	Neutral	-	15.96	9.72	0.04	9.91			
AV	421.816k	34.01	47.41	-13.40	19.67	Neutral	-	14.34	9.72	0.04	9.91			
QP	717.31k	14.42	56.00	-41.58	19.70	Neutral	-	-5.28	9.73	0.05	9.92			
AV	717.31k	13.19	46.00	-32.81	19.70	Neutral	-	-6.51	9.73	0.05	9.92			
QP	2.366M	24.79	56.00	-31.21	19.75	Neutral	-	5.04	9.74	0.09	9.92			
AV	2.366M	19.98	46.00	-26.02	19.75	Neutral	-	0.23	9.74	0.09	9.92			
QP	3.76M	24.64	56.00	-31.36	19.81	Neutral	-	4.83	9.76	0.13	9.92			
AV	3.76M	20.73	46.00	-25.27	19.81	Neutral	-	0.92	9.76	0.13	9.92			
QP	15.636M	16.10	60.00	-43.90	20.12	Neutral	-	-4.02	9.95	0.24	9.93			
AV	15.636M	14.55	50.00	-35.45	20.12	Neutral	-	-5.57	9.95	0.24	9.93			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.025M	13.014M	13M0G1D	9.5M	13M
802.11g_Nss1,(6Mbps)_1TX	16.325M	16.609M	16M6D1D	16.3M	16.545M
802.11n HT20_Nss1,(MCS0)_1TX	17.55M	17.729M	17M7D1D	17.175M	17.705M
802.11n HT40_Nss1,(MCS0)_1TX	35.1M	36.144M	36M1D1D	35.05M	36.095M

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	10.025M	13.014M
2437MHz	Pass	500k	9.55M	13.014M
2462MHz	Pass	500k	9.5M	13M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.3M	16.545M
2437MHz	Pass	500k	16.325M	16.609M
2462MHz	Pass	500k	16.325M	16.545M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.55M	17.705M
2437MHz	Pass	500k	17.175M	17.729M
2462MHz	Pass	500k	17.55M	17.729M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.05M	36.095M
2437MHz	Pass	500k	35.05M	36.144M
2452MHz	Pass	500k	35.1M	36.144M

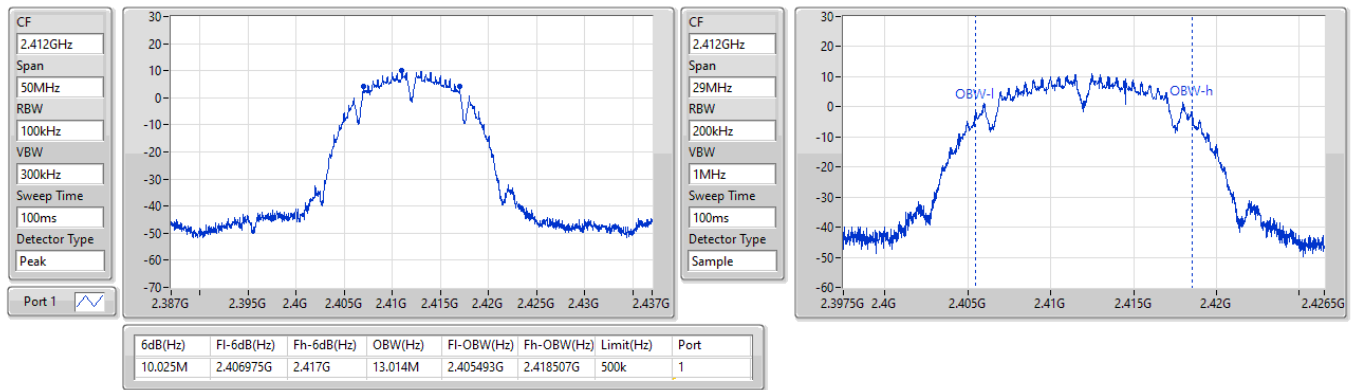
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

2412MHz

EBW

07/11/2022

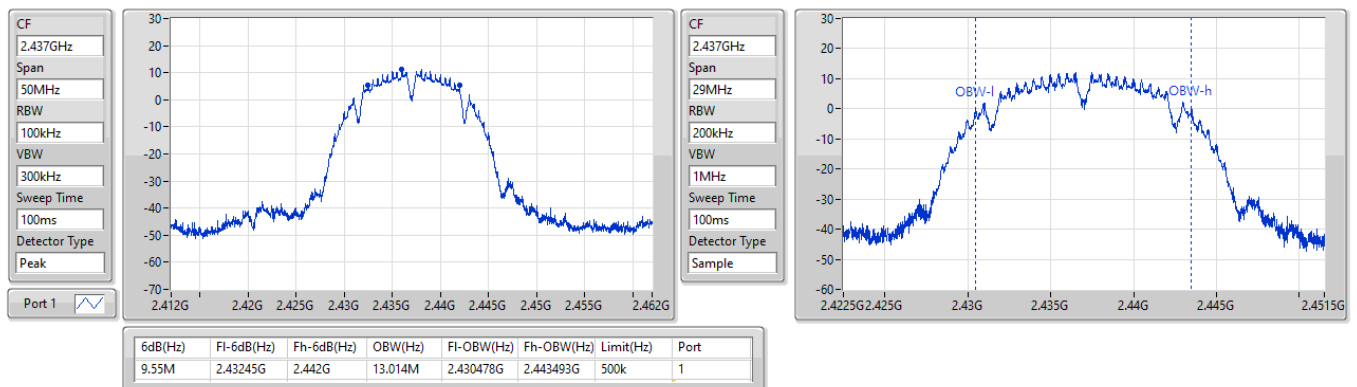


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz

EBW

07/11/2022

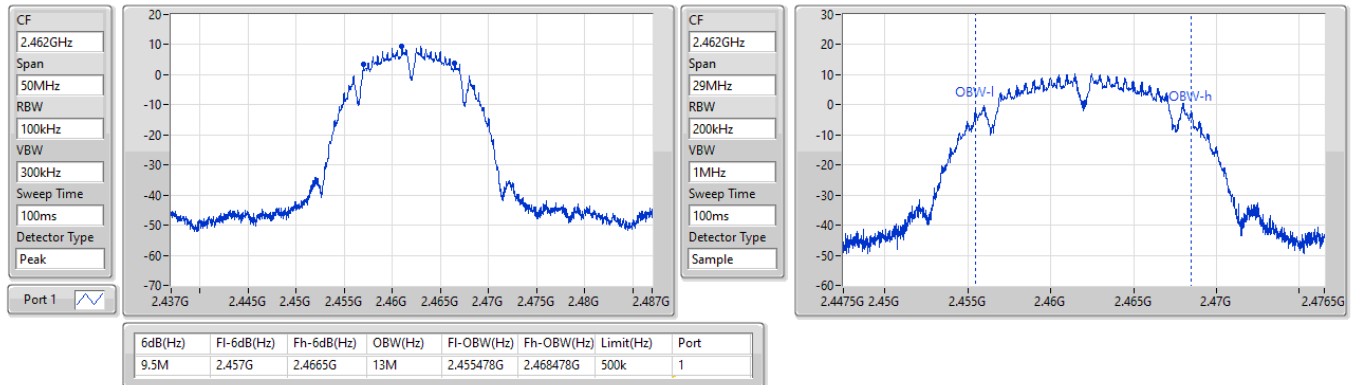


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz

EBW

07/11/2022

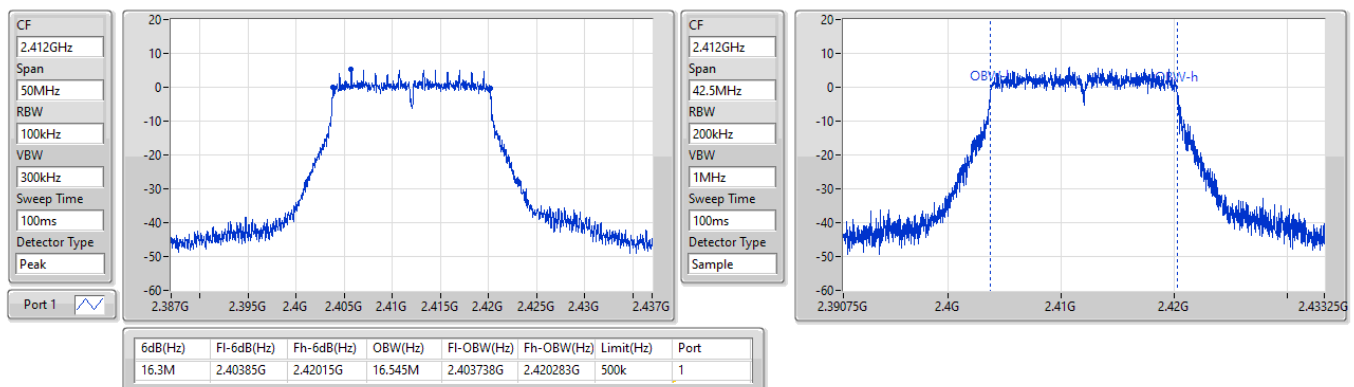


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz

EBW

07/11/2022

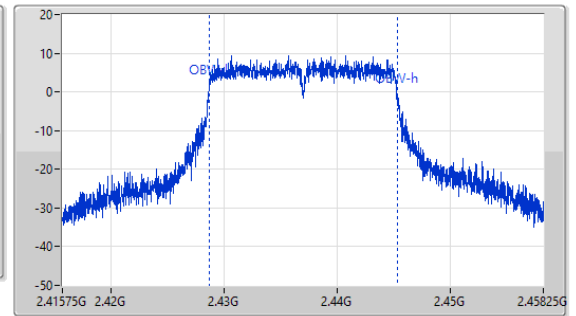
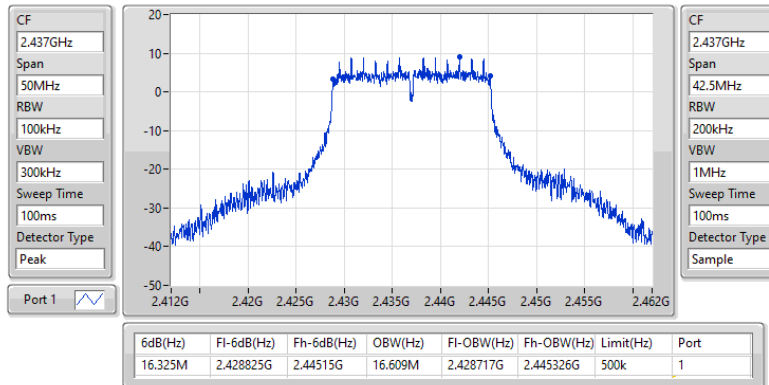


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz

EBW

07/11/2022

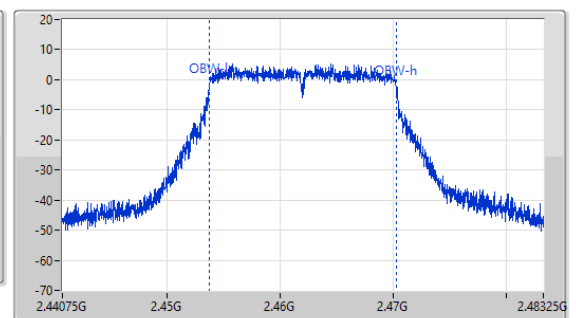
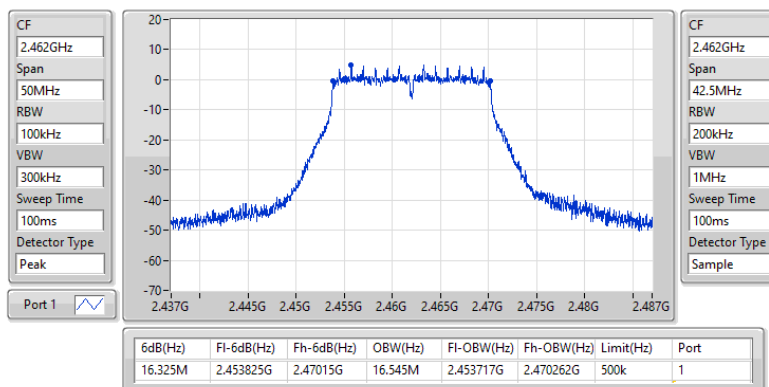


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz

EBW

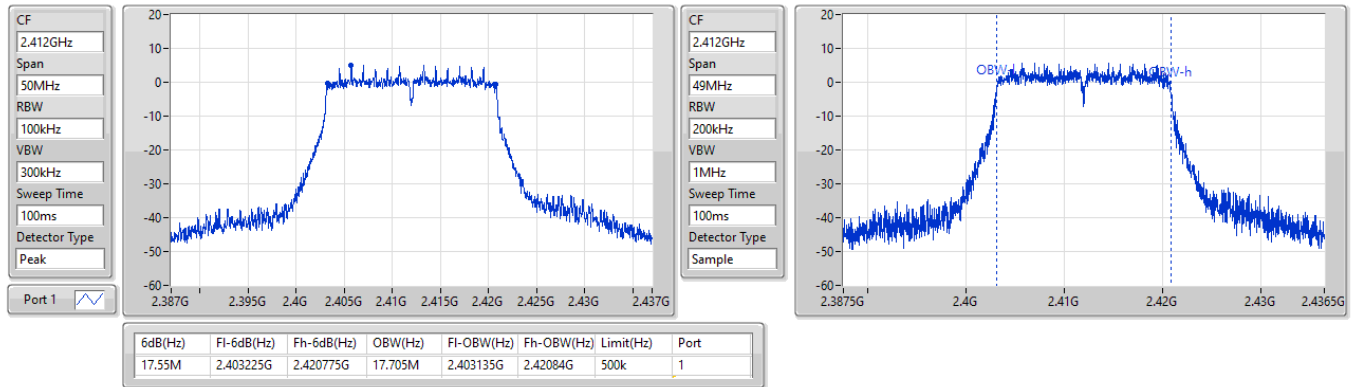
07/11/2022



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX 2412MHz

EBW

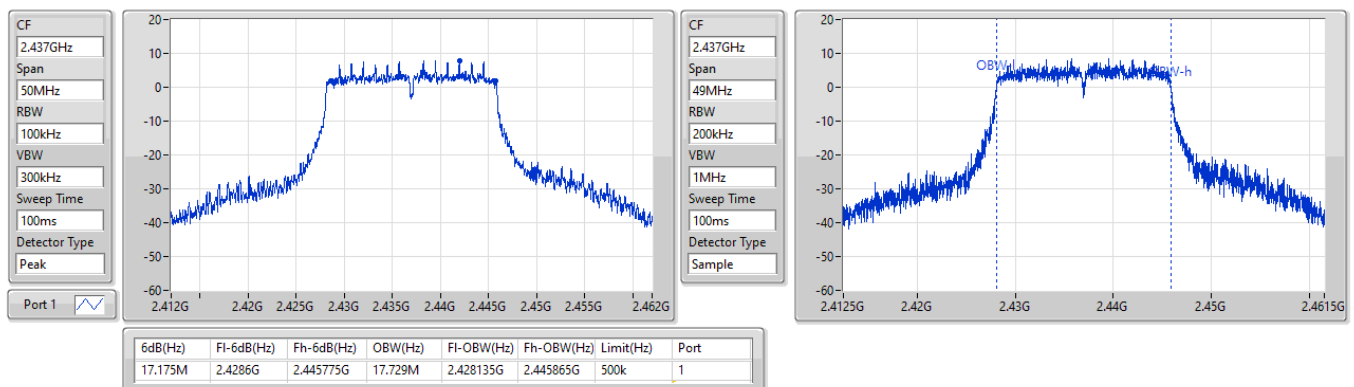
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EBW

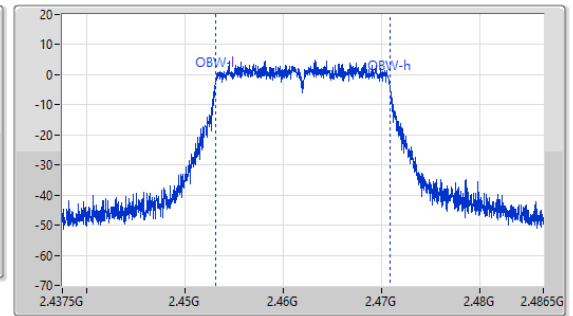
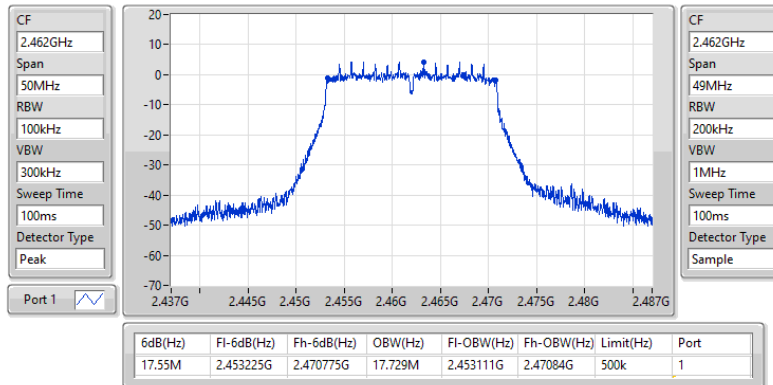
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2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX
2462MHz

EBW

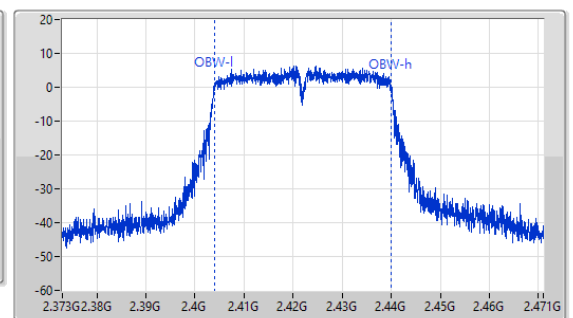
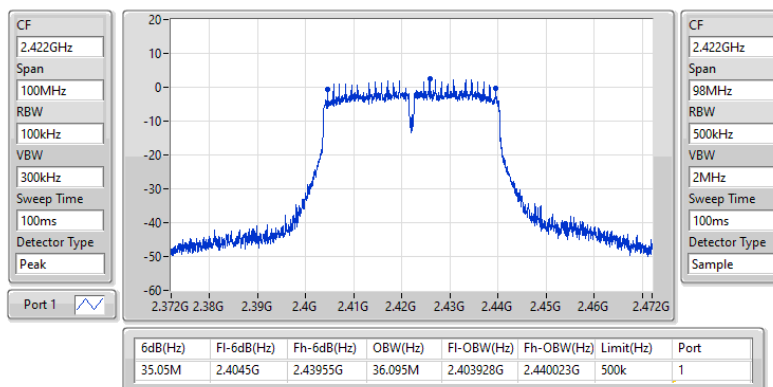
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2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX
2422MHz

EBW

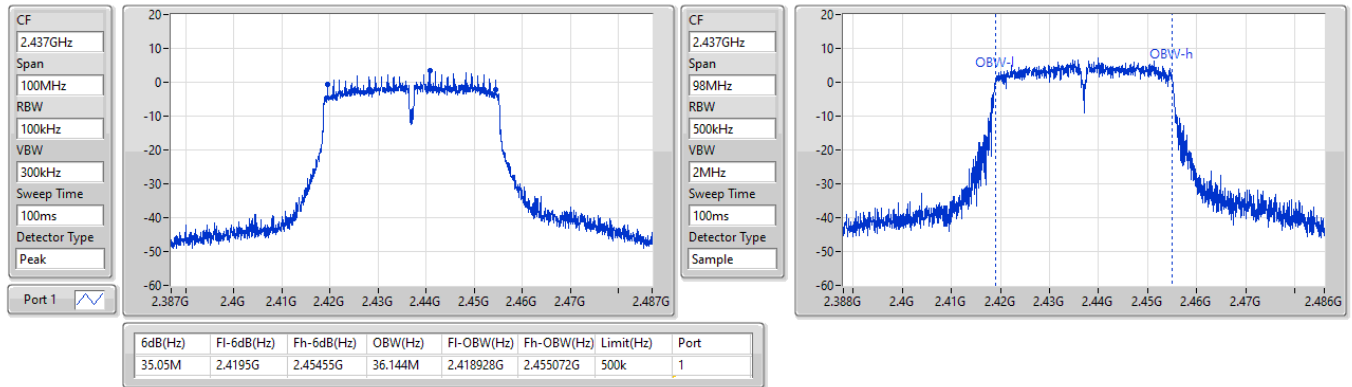
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2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX 2437MHz

EBW

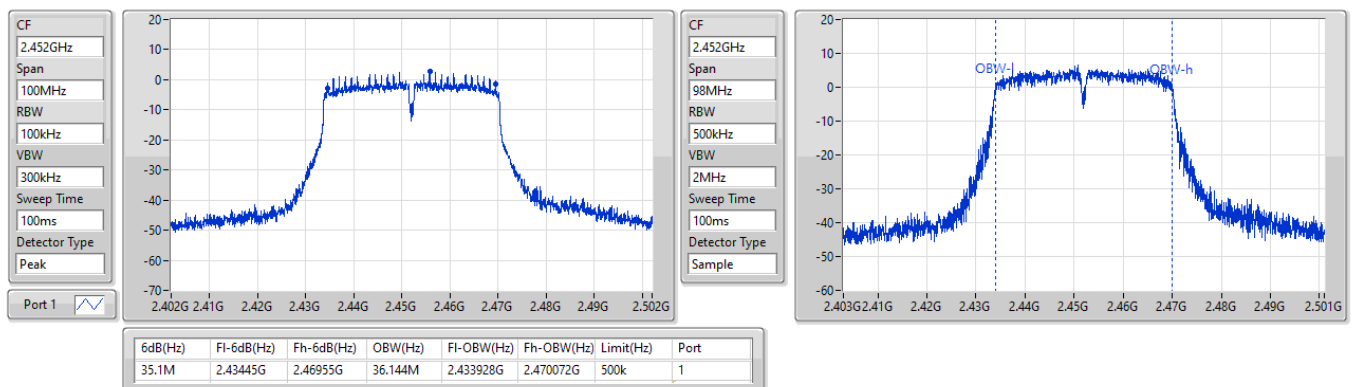
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2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX 2452MHz

EBW

07/11/2022





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	20.31	0.10740
802.11g_Nss1,(6Mbps)_1TX	20.06	0.10139
802.11n HT20_Nss1,(MCS0)_1TX	18.88	0.07727
802.11n HT40_Nss1,(MCS0)_1TX	16.90	0.04898

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	19.12	19.12	30.00
2417MHz	Pass	2.40	20.09	20.09	30.00
2437MHz	Pass	2.40	20.31	20.31	30.00
2457MHz	Pass	2.40	19.02	19.02	30.00
2462MHz	Pass	2.40	18.60	18.60	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	16.38	16.38	30.00
2417MHz	Pass	2.40	17.44	17.44	30.00
2437MHz	Pass	2.40	20.06	20.06	30.00
2457MHz	Pass	2.40	17.28	17.28	30.00
2462MHz	Pass	2.40	16.14	16.14	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	16.26	16.26	30.00
2417MHz	Pass	2.40	17.06	17.06	30.00
2437MHz	Pass	2.40	18.88	18.88	30.00
2457MHz	Pass	2.40	17.06	17.06	30.00
2462MHz	Pass	2.40	15.64	15.64	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.40	16.33	16.33	30.00
2427MHz	Pass	2.40	16.44	16.44	30.00
2437MHz	Pass	2.40	16.90	16.90	30.00
2447MHz	Pass	2.40	16.73	16.73	30.00
2452MHz	Pass	2.40	16.46	16.46	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	-3.92
802.11g_Nss1,(6Mbps)_1TX	-5.97
802.11n HT20_Nss1,(MCS0)_1TX	-7.04
802.11n HT40_Nss1,(MCS0)_1TX	-9.96

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	-5.13	-5.13	8.00
2437MHz	Pass	2.40	-3.92	-3.92	8.00
2462MHz	Pass	2.40	-5.76	-5.76	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	-9.91	-9.91	8.00
2437MHz	Pass	2.40	-5.97	-5.97	8.00
2462MHz	Pass	2.40	-9.95	-9.95	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.40	-9.32	-9.32	8.00
2437MHz	Pass	2.40	-7.04	-7.04	8.00
2462MHz	Pass	2.40	-10.06	-10.06	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.40	-10.71	-10.71	8.00
2437MHz	Pass	2.40	-9.96	-9.96	8.00
2452MHz	Pass	2.40	-10.66	-10.66	8.00

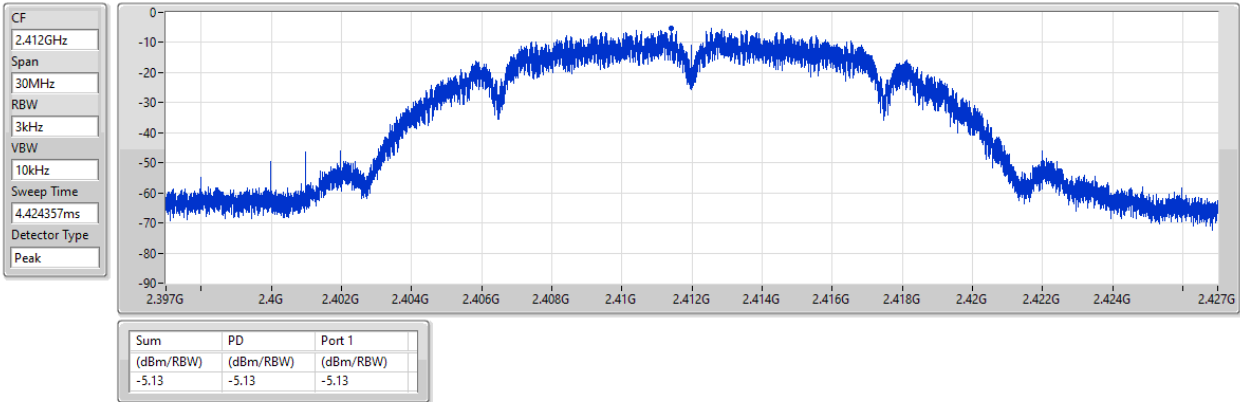
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

PSD

2412MHz

07/11/2022

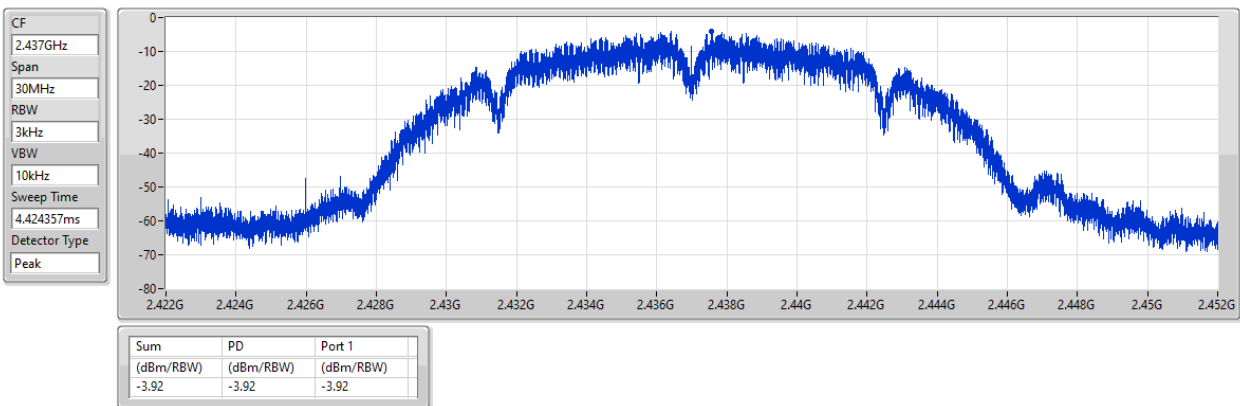


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

07/11/2022

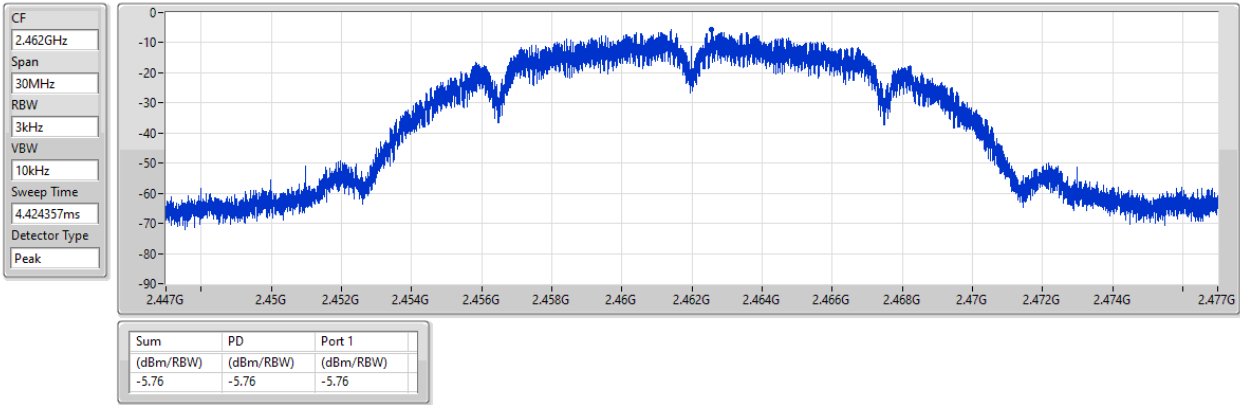


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz

PSD

07/11/2022

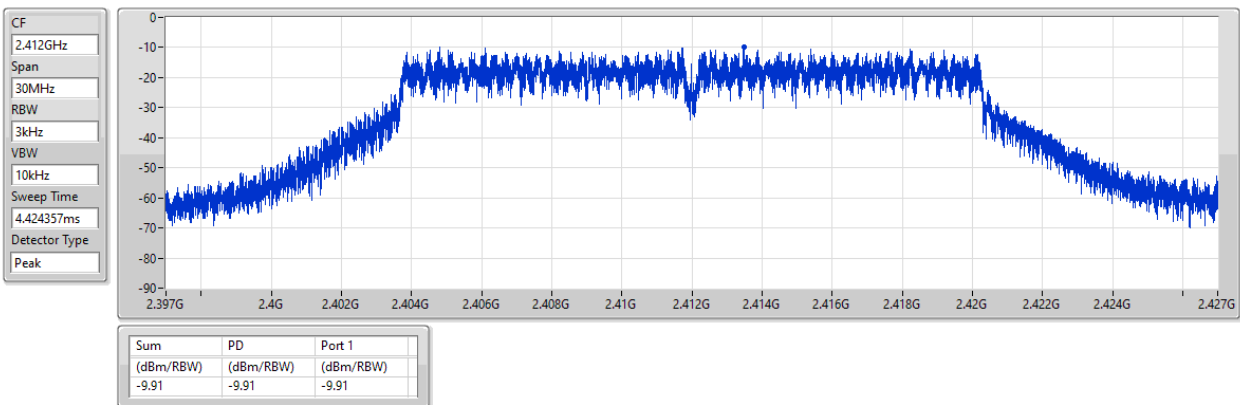


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz

PSD

07/11/2022

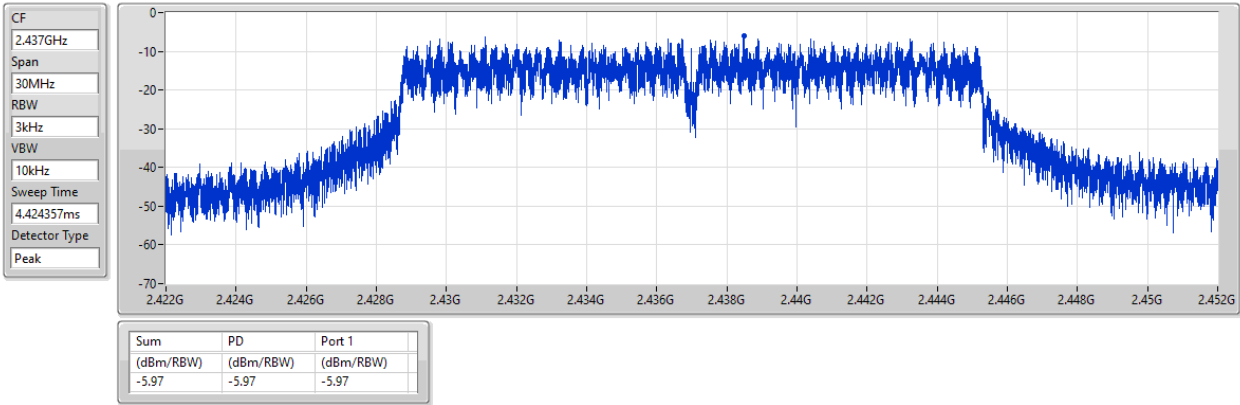


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz

PSD

07/11/2022

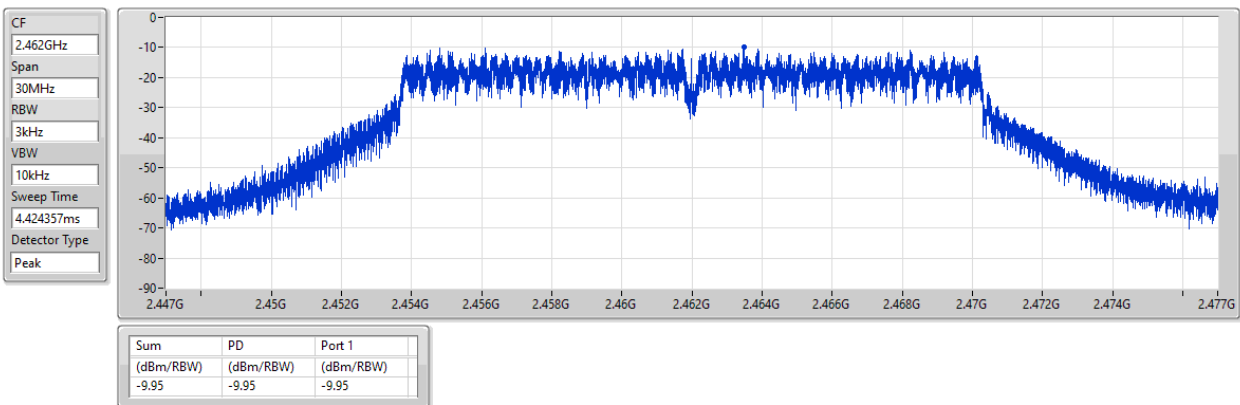


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz

PSD

07/11/2022

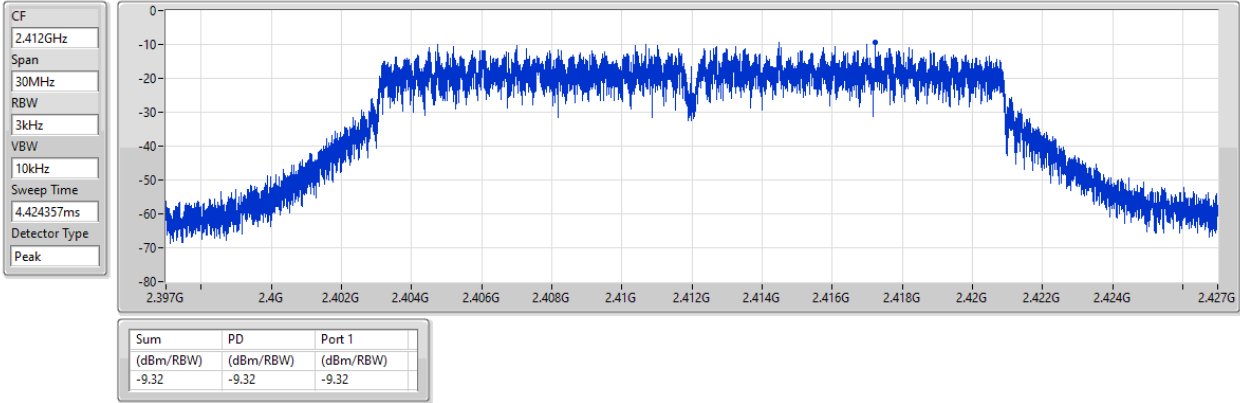


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2412MHz

PSD

07/11/2022

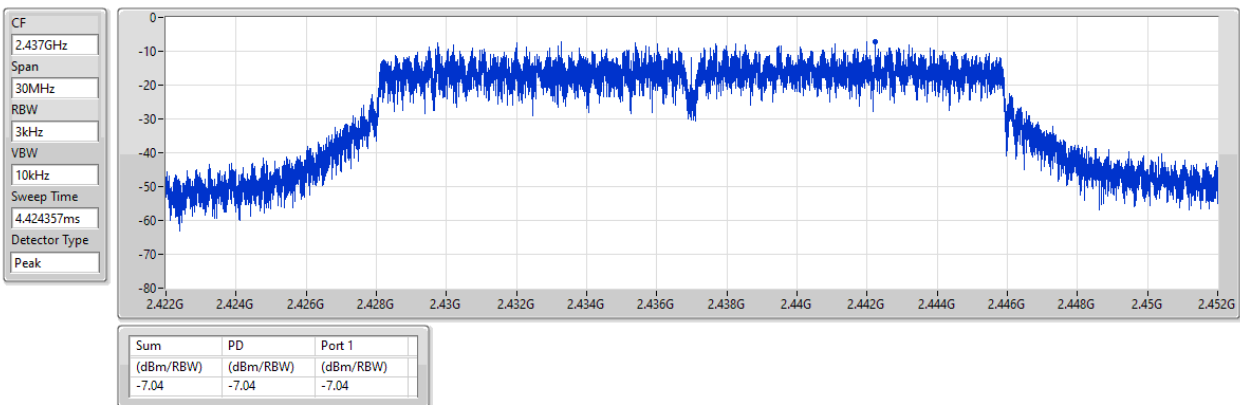


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2437MHz

PSD

07/11/2022

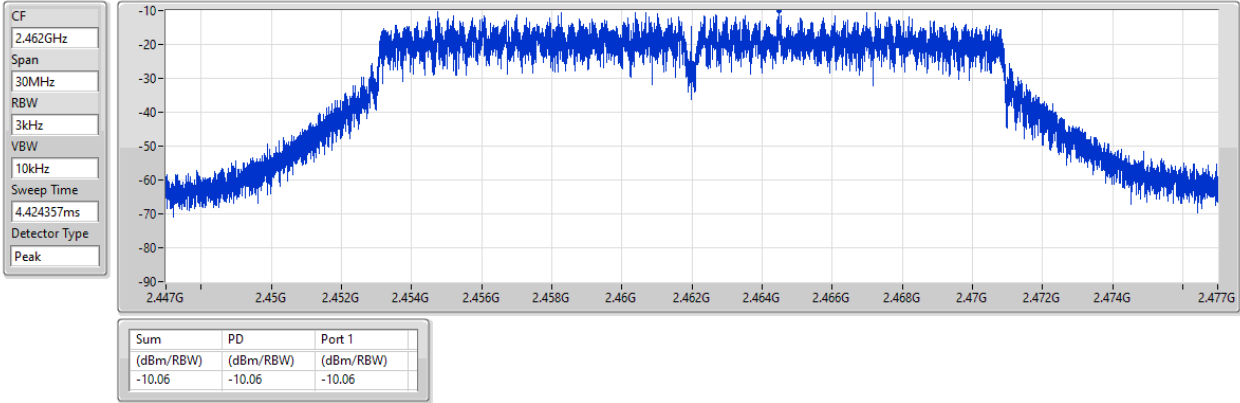


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2462MHz

PSD

07/11/2022

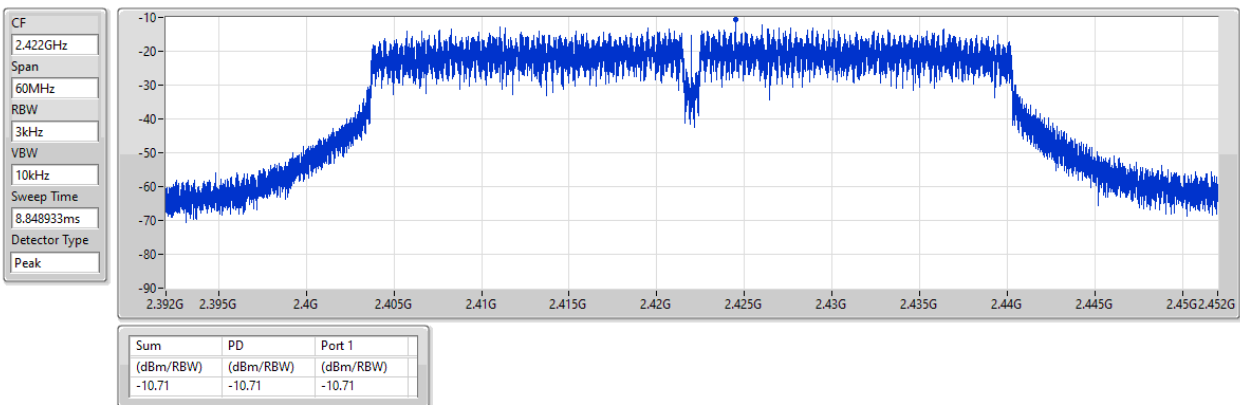


2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2422MHz

PSD

07/11/2022

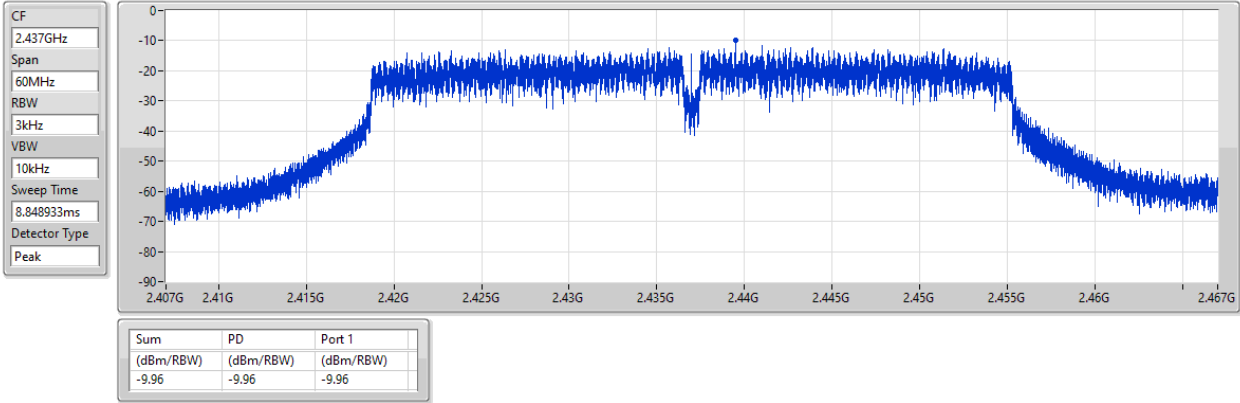


2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2437MHz

PSD

07/11/2022

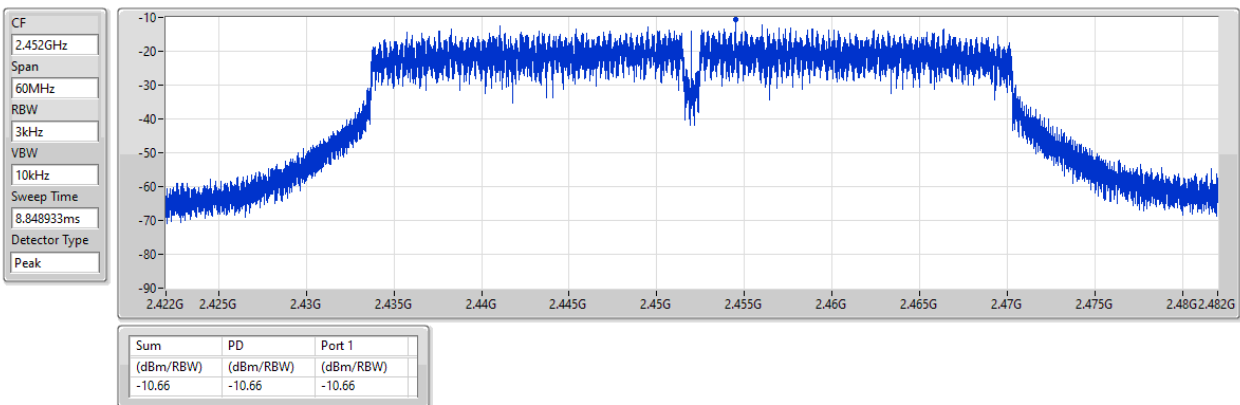


2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2452MHz

PSD

07/11/2022





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	2.43791G	11.20	-18.80	2.30641G	-52.61	2.39656G	-39.99	2.4G	-41.99	2.50366G	-46.96	24.51956G	-39.96	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44192G	9.29	-20.71	2.30292G	-53.53	2.4G	-35.31	2.4G	-34.57	2.51206G	-49.92	24.45775G	-40.07	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.43824G	7.99	-22.01	2.30059G	-53.72	2.4G	-33.22	2.4G	-32.39	2.50086G	-49.54	15.19463G	-39.93	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.44075G	3.29	-26.71	2.30283G	-51.02	2.4G	-30.51	2.4G	-32.33	2.50174G	-49.28	21.77756G	-40.09	1

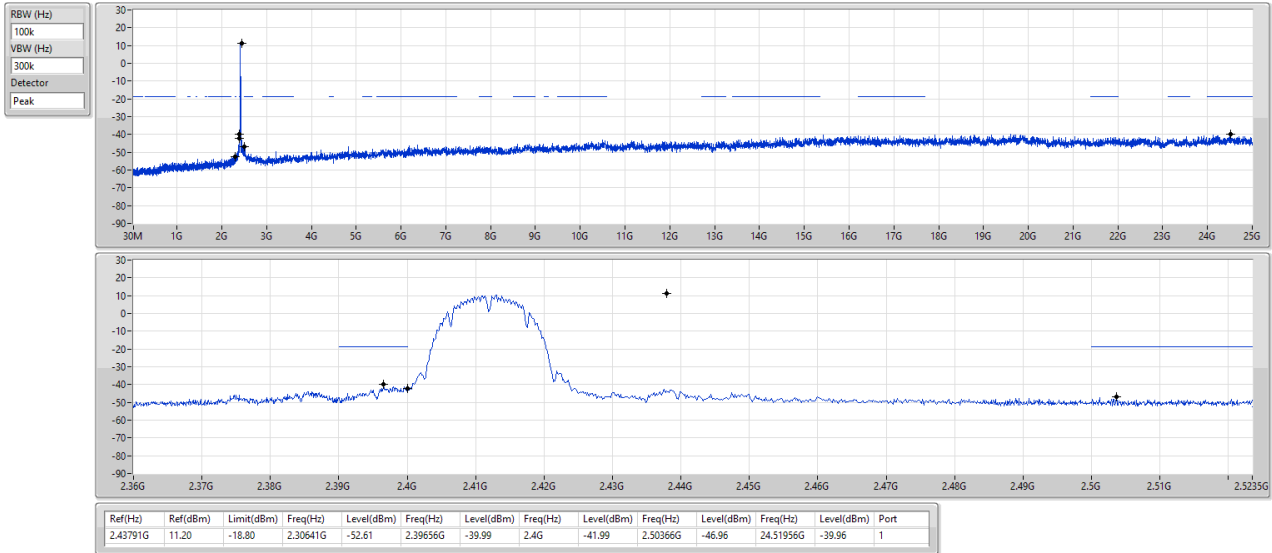
Result

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	2.43791G	11.20	-18.80	2.30641G	-52.61	2.39656G	-39.99	2.4G	-41.99	2.50366G	-46.96	24.51956G	-39.96	1
2437MHz	Pass	2.43791G	11.20	-18.80	2.30525G	-52.48	2.4G	-44.67	2.4G	-45.63	2.52046G	-46.26	24.48585G	-39.73	1
2462MHz	Pass	2.43791G	11.20	-18.80	2.30408G	-53.37	2.4G	-47.34	2.4G	-47.61	2.50926G	-47.27	24.86233G	-40.13	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	9.29	-20.71	2.30292G	-53.53	2.4G	-35.31	2.4G	-34.57	2.51206G	-49.92	24.45775G	-40.07	1
2437MHz	Pass	2.44192G	9.29	-20.71	2.30175G	-52.54	2.39824G	-41.36	2.4G	-43.57	2.51014G	-46.66	16.52636G	-39.85	1
2462MHz	Pass	2.44192G	9.29	-20.71	2.06875G	-53.38	2.4G	-48.87	2.4G	-48.68	2.5111G	-47.85	21.72405G	-40.16	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	7.99	-22.01	2.30059G	-53.72	2.4G	-33.22	2.4G	-32.39	2.50086G	-49.54	15.19463G	-39.93	1
2437MHz	Pass	2.43824G	7.99	-22.01	2.13516G	-53.47	2.39888G	-43.68	2.4G	-45.35	2.5143G	-46.92	15.18339G	-40.26	1
2462MHz	Pass	2.43824G	7.99	-22.01	1.65052G	-53.28	2.4G	-48.15	2.4G	-48.11	2.50334G	-48.79	17.29899G	-40.09	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	3.29	-26.71	2.30283G	-51.02	2.4G	-30.51	2.4G	-32.33	2.50174G	-49.28	21.77756G	-40.09	1
2437MHz	Pass	2.44075G	3.29	-26.71	1.75323G	-53.68	2.39952G	-41.20	2.4G	-43.10	2.50078G	-46.76	23.2163G	-39.96	1
2452MHz	Pass	2.44075G	3.29	-26.71	2.30512G	-53.34	2.39888G	-46.35	2.4G	-46.49	2.50574G	-45.21	24.17265G	-39.34	1

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

CSEndB

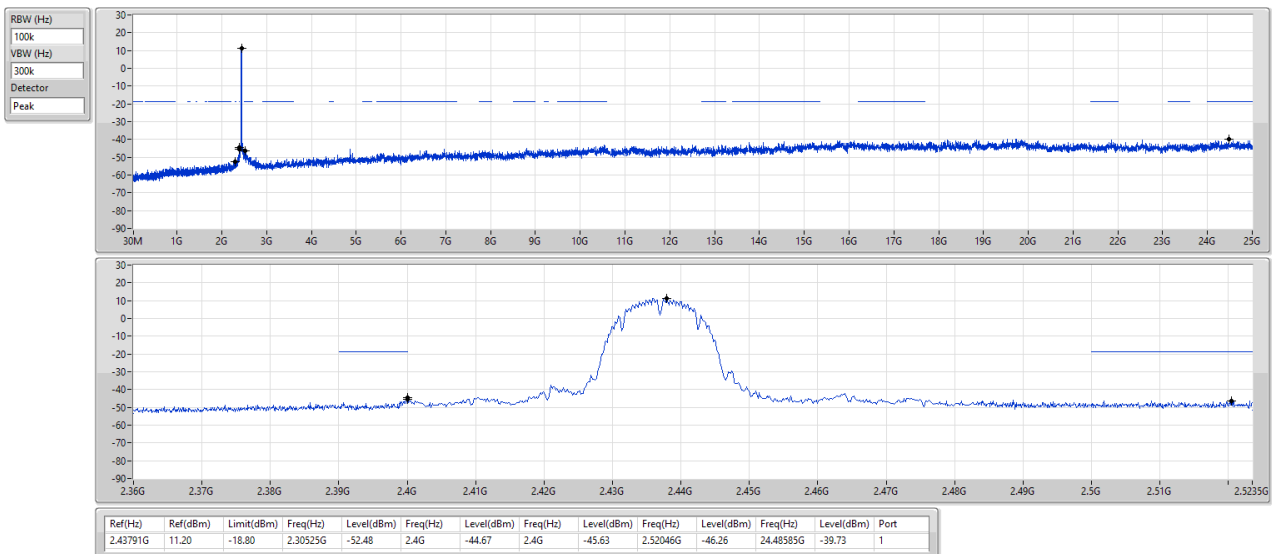
2412MHz



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

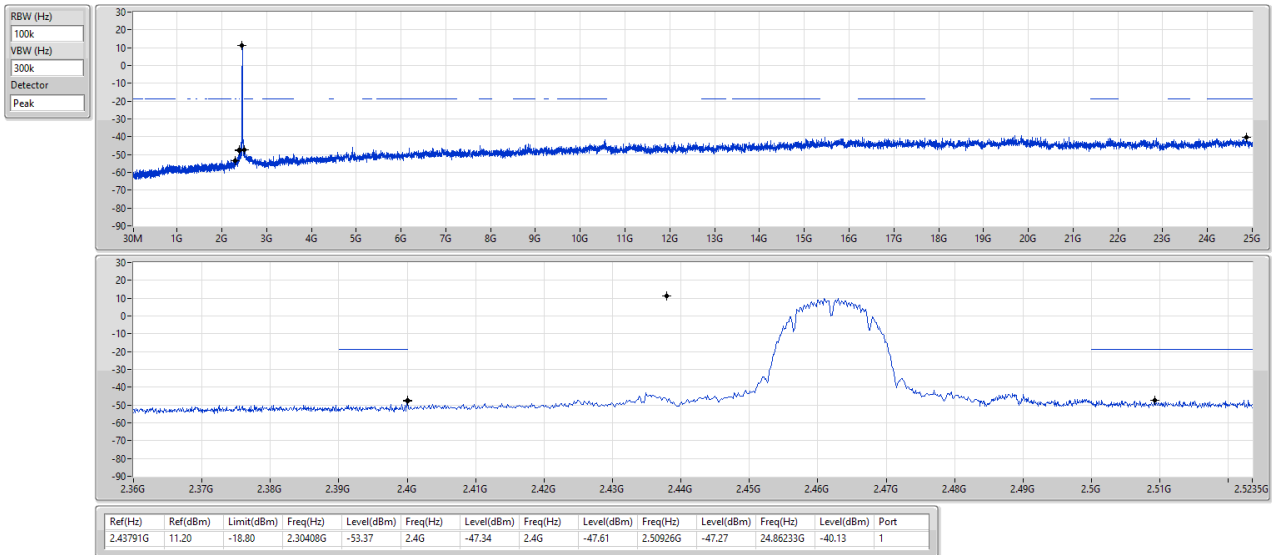
CSEndB

2437MHz



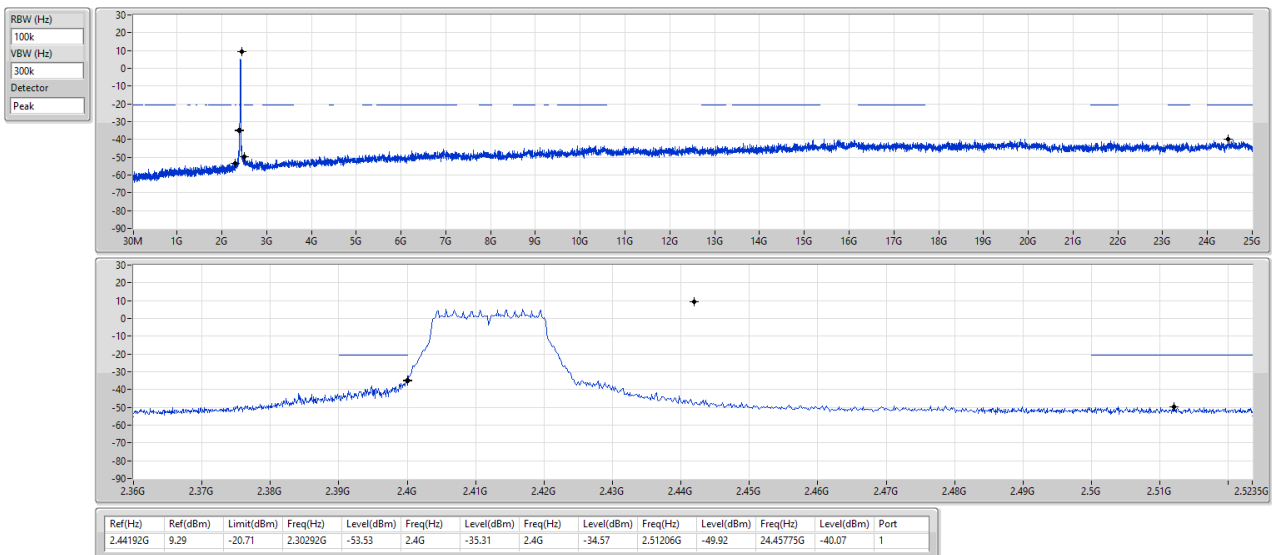
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX 2462MHz

CSEndB



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX 2412MHz

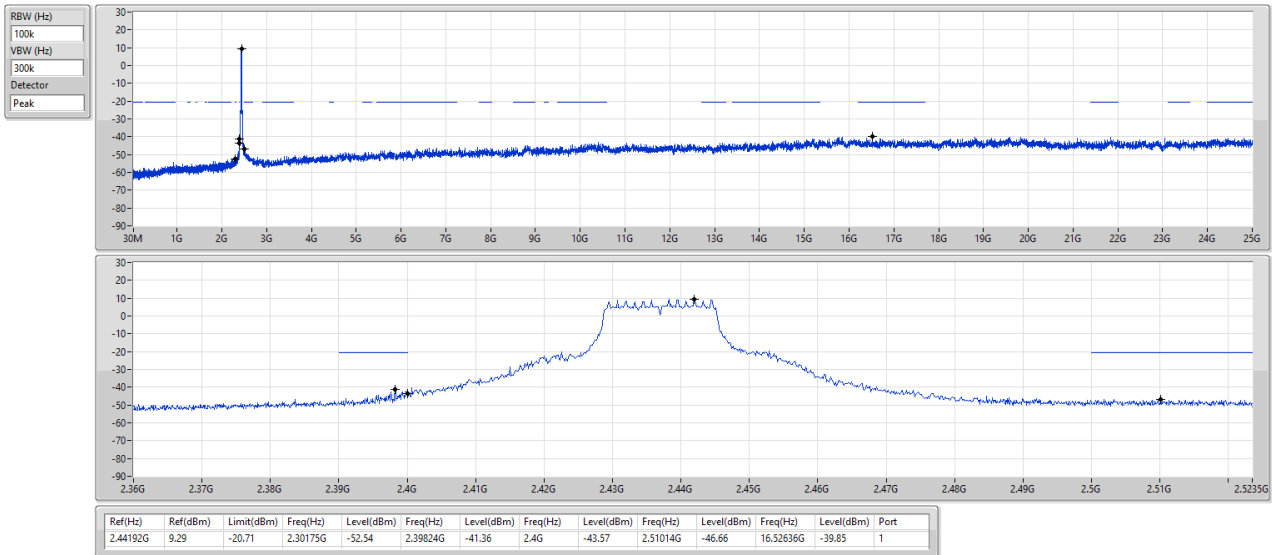
CSEndB



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

CSEndB

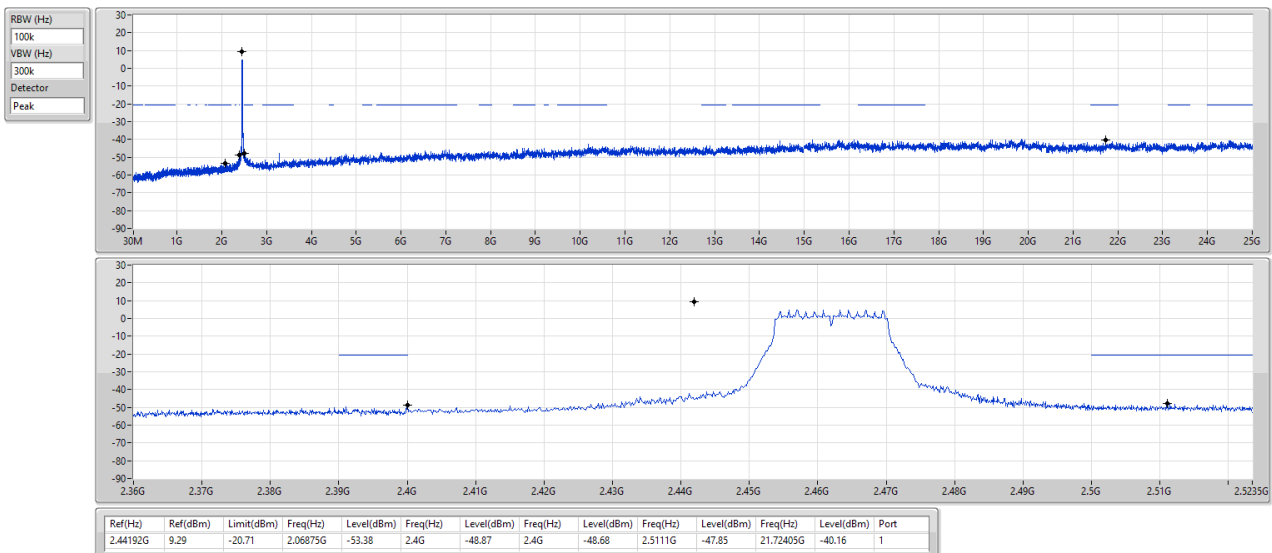
2437MHz



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

CSEndB

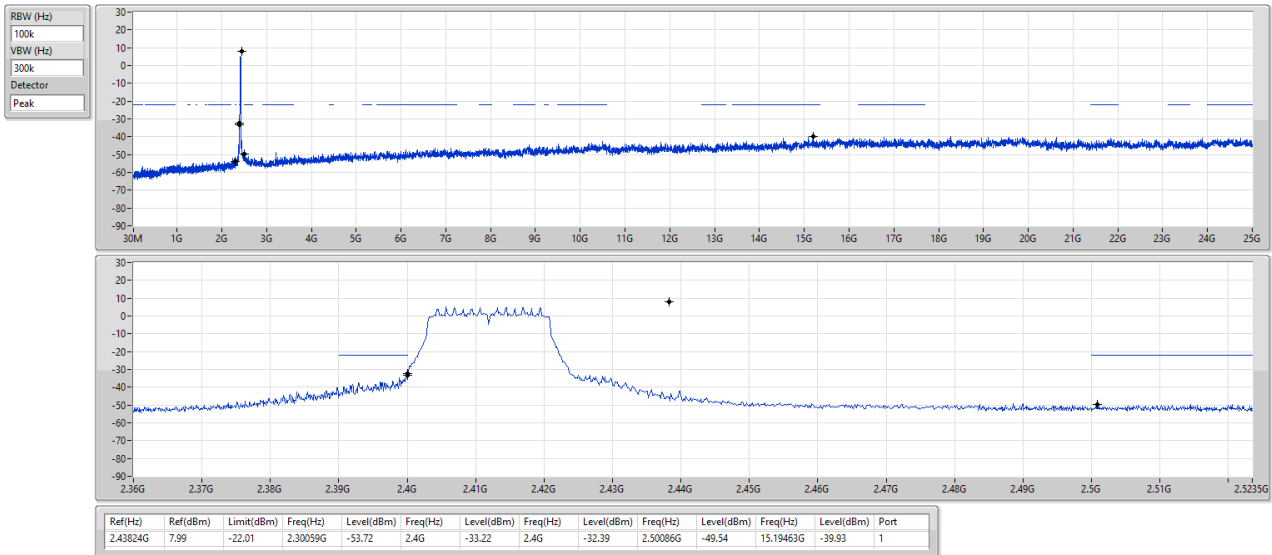
2462MHz



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

CSEndB

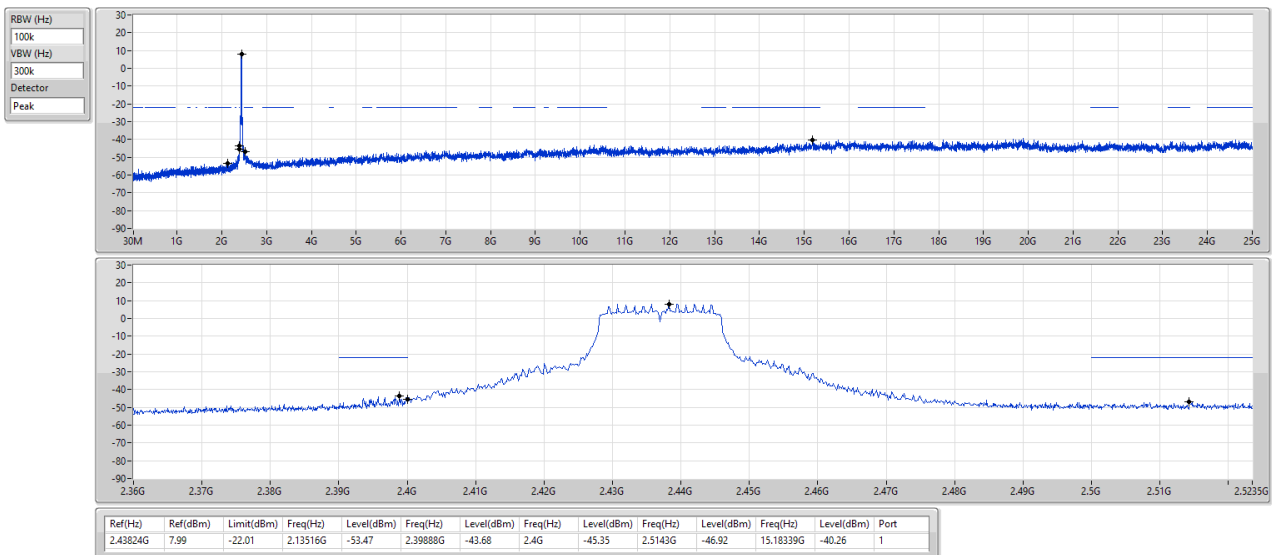
2412MHz



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

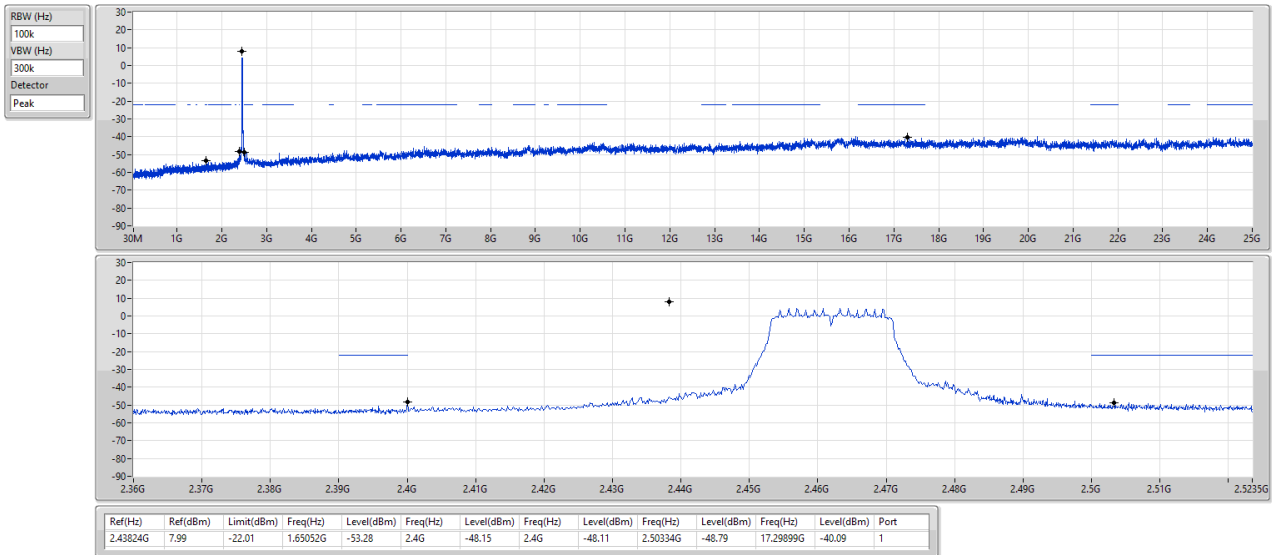
CSEndB

2437MHz



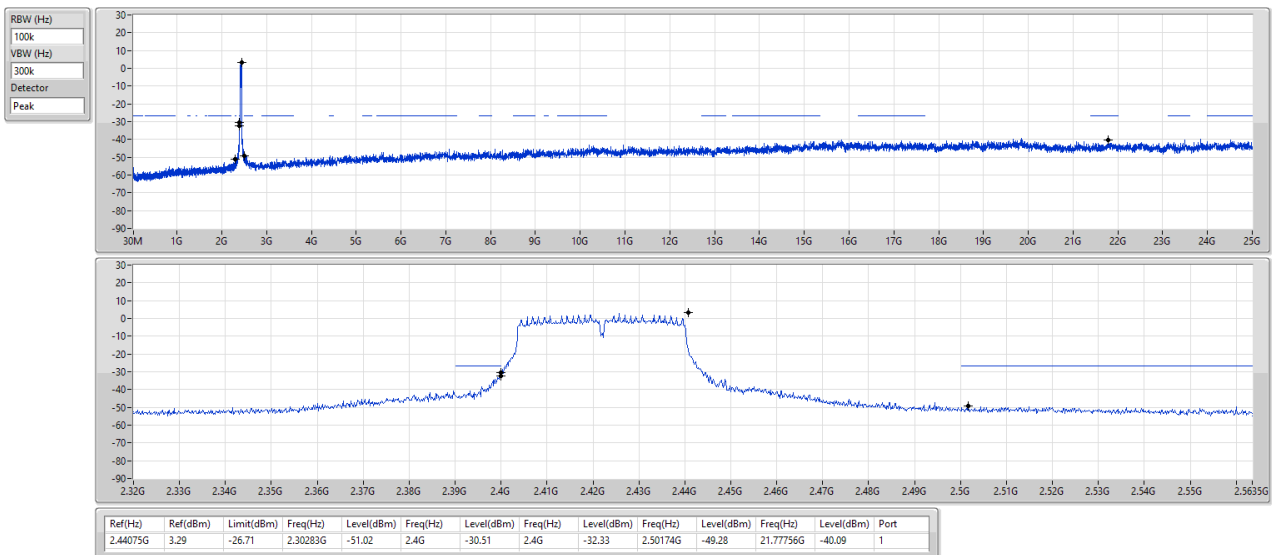
2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX 2462MHz

CSEndB



2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX 2422MHz

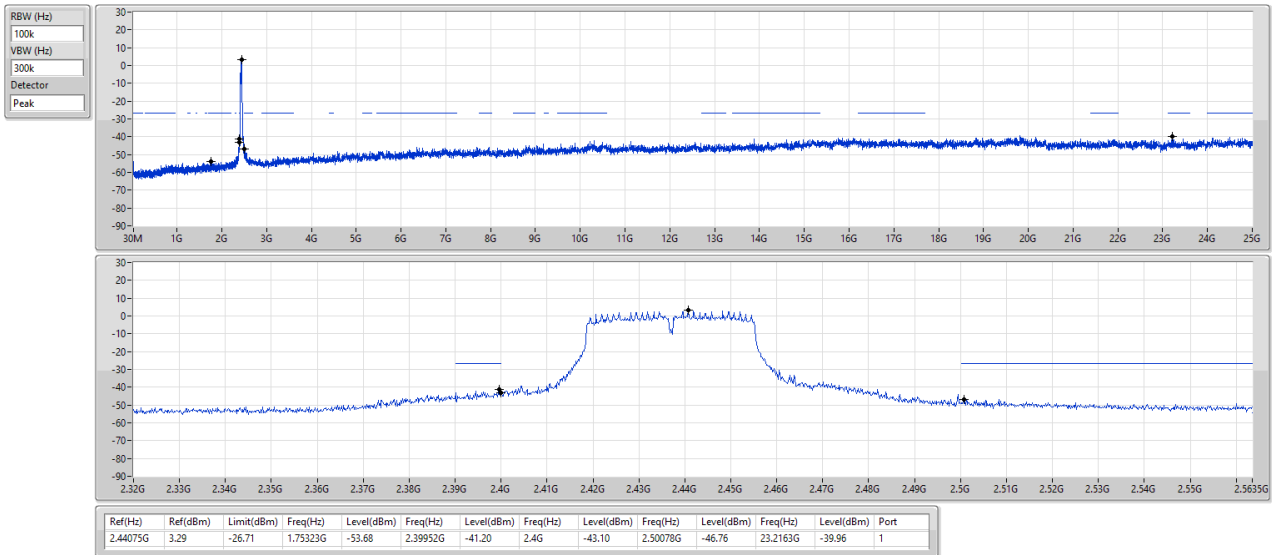
CSEndB



2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

CSEndB

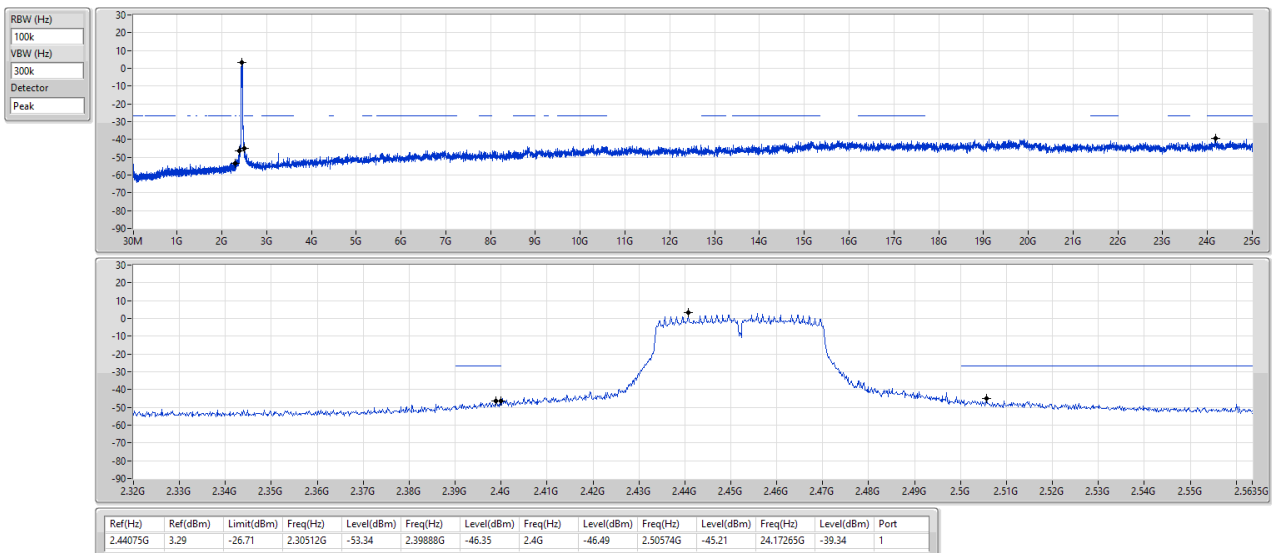
2437MHz



2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

CSEndB

2452MHz





Summary

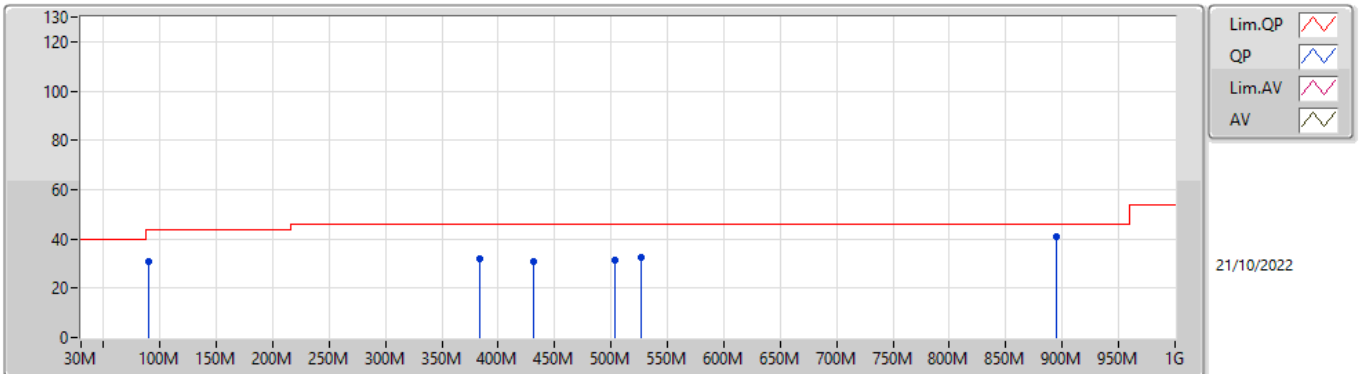
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	PK	35.82M	35.97	40.00	-4.03	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2462MHz	Pass	PK	35.82M	35.97	40.00	-4.03	3	Vertical	0	1.00	-
2462MHz	Pass	PK	90.14M	29.23	43.50	-14.27	3	Vertical	0	1.00	-
2462MHz	Pass	PK	431.58M	33.40	46.00	-12.60	3	Vertical	0	1.00	-
2462MHz	Pass	PK	478.14M	34.04	46.00	-11.96	3	Vertical	0	1.00	-
2462MHz	Pass	PK	526.64M	34.55	46.00	-11.45	3	Vertical	0	1.00	-
2462MHz	Pass	PK	714.82M	36.25	46.00	-9.75	3	Vertical	0	1.00	-
2462MHz	Pass	PK	90.14M	31.55	43.50	-11.95	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	175.5M	28.19	43.50	-15.31	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	291.9M	28.51	46.00	-17.49	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	431.58M	36.06	46.00	-9.94	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	526.64M	41.67	46.00	-4.33	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	575.14M	36.82	46.00	-9.18	3	Horizontal	360	1.00	-

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

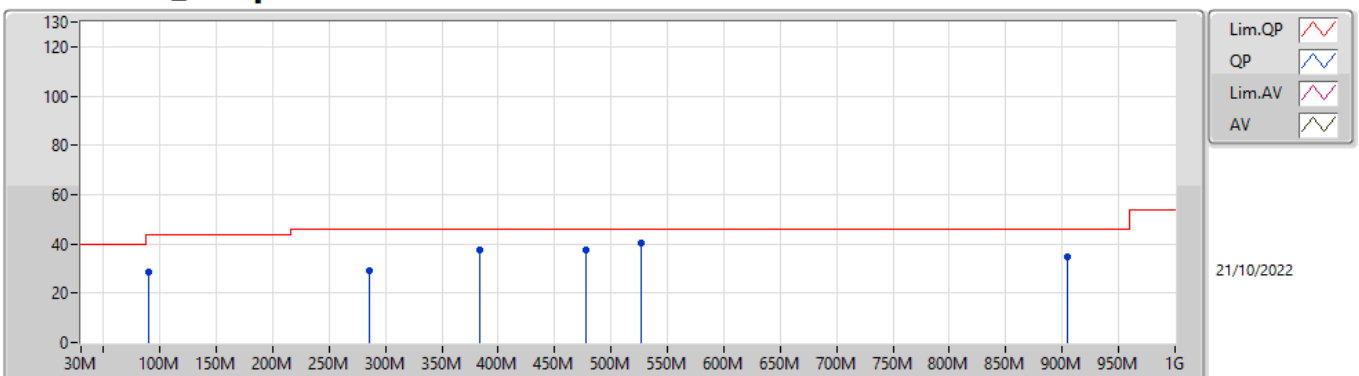
2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	90.14M	31.00	43.50	-12.50	-11.52	3	Vertical	0	1.00	-	42.52	14.34	1.54	27.40
PK	383.08M	32.21	46.00	-13.79	-3.62	3	Vertical	0	1.00	-	35.83	20.16	3.30	27.08
PK	431.58M	30.62	46.00	-15.38	-2.16	3	Vertical	0	1.00	-	32.78	21.75	3.51	27.42
PK	503.36M	31.34	46.00	-14.66	-1.09	3	Vertical	0	1.00	-	32.43	22.87	3.82	27.78
PK	526.64M	32.47	46.00	-13.53	-0.84	3	Vertical	0	1.00	-	33.31	23.15	3.90	27.89
PK	895.24M	40.84	46.00	-5.16	3.44	3	Vertical	0	2.50	-	37.40	25.75	5.24	27.55

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

2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	90.14M	28.41	43.50	-15.09	-11.52	3	Horizontal	360	1.00	-	39.93	14.34	1.54	27.40
PK	286.08M	29.09	46.00	-16.91	-5.78	3	Horizontal	360	1.00	-	34.87	18.01	2.84	26.63
PK	383.08M	37.51	46.00	-8.49	-3.62	3	Horizontal	360	1.00	-	41.13	20.16	3.30	27.08
PK	478.14M	37.34	46.00	-8.66	-1.27	3	Horizontal	360	1.00	-	38.61	22.70	3.71	27.68
PK	526.64M	40.42	46.00	-5.58	-0.84	3	Horizontal	360	1.00	-	41.26	23.15	3.90	27.89
QP	904.4M	34.69	46.00	-11.31	3.41	3	Horizontal	360	2.72	-	31.28	25.67	5.28	27.54

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.87394G	53.83	54.00	-0.17	3	Horizontal	300	1.00	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.3898G	53.69	54.00	-0.31	3	Horizontal	329	1.19	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.3898G	53.76	54.00	-0.24	3	Horizontal	326	1.37	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.3898G	53.86	54.00	-0.14	3	Horizontal	328	1.15	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3858G	51.82	54.00	-2.18	3	Vertical	104	3.00	-
2412MHz	Pass	AV	2.4112G	105.52	Inf	-Inf	3	Vertical	104	3.00	-
2412MHz	Pass	PK	2.386G	59.87	74.00	-14.13	3	Vertical	104	3.00	-
2412MHz	Pass	PK	2.411G	107.55	Inf	-Inf	3	Vertical	104	3.00	-
2412MHz	Pass	AV	2.3858G	53.39	54.00	-0.61	3	Horizontal	324	1.57	-
2412MHz	Pass	AV	2.4112G	107.01	Inf	-Inf	3	Horizontal	324	1.57	-
2412MHz	Pass	PK	2.3856G	61.28	74.00	-12.72	3	Horizontal	324	1.57	-
2412MHz	Pass	PK	2.411G	108.99	Inf	-Inf	3	Horizontal	324	1.57	-
2412MHz	Pass	AV	4.82398G	47.44	54.00	-6.56	3	Vertical	96	2.33	-
2412MHz	Pass	PK	4.82383G	51.72	74.00	-22.28	3	Vertical	96	2.33	-
2412MHz	Pass	AV	4.82394G	51.03	54.00	-2.97	3	Horizontal	309	1.00	-
2412MHz	Pass	PK	4.82386G	54.47	74.00	-19.53	3	Horizontal	309	1.00	-
2417MHz	Pass	AV	2.3888G	51.25	54.00	-2.75	3	Vertical	90	3.00	-
2417MHz	Pass	AV	2.4178G	106.35	Inf	-Inf	3	Vertical	90	3.00	-
2417MHz	Pass	PK	2.389G	59.90	74.00	-14.10	3	Vertical	90	3.00	-
2417MHz	Pass	PK	2.4178G	108.39	Inf	-Inf	3	Vertical	90	3.00	-
2417MHz	Pass	AV	2.3888G	53.47	54.00	-0.53	3	Horizontal	331	1.04	-
2417MHz	Pass	AV	2.4162G	109.10	Inf	-Inf	3	Horizontal	331	1.04	-
2417MHz	Pass	PK	2.3884G	62.03	74.00	-11.97	3	Horizontal	331	1.04	-
2417MHz	Pass	PK	2.416G	111.03	Inf	-Inf	3	Horizontal	331	1.04	-
2417MHz	Pass	AV	4.83395G	50.82	54.00	-3.18	3	Vertical	93	2.65	-
2417MHz	Pass	AV	7.25001G	40.40	54.00	-13.60	3	Vertical	202	1.23	-
2417MHz	Pass	PK	4.83387G	54.30	74.00	-19.70	3	Vertical	93	2.65	-
2417MHz	Pass	PK	7.25011G	51.39	74.00	-22.61	3	Vertical	202	1.23	-
2417MHz	Pass	AV	4.83394G	53.60	54.00	-0.40	3	Horizontal	300	1.00	-
2417MHz	Pass	AV	7.25001G	42.09	54.00	-11.91	3	Horizontal	87	1.00	-
2417MHz	Pass	PK	4.83395G	56.17	74.00	-17.83	3	Horizontal	300	1.00	-
2417MHz	Pass	PK	7.25008G	52.78	74.00	-21.22	3	Horizontal	87	1.00	-
2437MHz	Pass	AV	2.389G	47.93	54.00	-6.07	3	Vertical	108	3.00	-
2437MHz	Pass	AV	2.4362G	107.01	Inf	-Inf	3	Vertical	108	3.00	-
2437MHz	Pass	AV	2.4838G	47.42	54.00	-6.58	3	Vertical	108	3.00	-
2437MHz	Pass	PK	2.3766G	58.28	74.00	-15.72	3	Vertical	108	3.00	-
2437MHz	Pass	PK	2.4362G	109.02	Inf	-Inf	3	Vertical	108	3.00	-
2437MHz	Pass	PK	2.489G	58.53	74.00	-15.47	3	Vertical	108	3.00	-
2437MHz	Pass	AV	2.389G	48.61	54.00	-5.39	3	Horizontal	61	1.08	-
2437MHz	Pass	AV	2.4362G	109.14	Inf	-Inf	3	Horizontal	61	1.08	-
2437MHz	Pass	AV	2.4842G	48.14	54.00	-5.86	3	Horizontal	61	1.08	-
2437MHz	Pass	PK	2.3874G	59.22	74.00	-14.78	3	Horizontal	61	1.08	-
2437MHz	Pass	PK	2.4362G	111.18	Inf	-Inf	3	Horizontal	61	1.08	-
2437MHz	Pass	PK	2.4942G	59.09	74.00	-14.91	3	Horizontal	61	1.08	-
2437MHz	Pass	AV	4.87394G	50.50	54.00	-3.50	3	Vertical	282	2.92	-
2437MHz	Pass	AV	7.31002G	41.40	54.00	-12.60	3	Vertical	31	1.00	-
2437MHz	Pass	PK	4.87391G	53.76	74.00	-20.24	3	Vertical	282	2.92	-
2437MHz	Pass	PK	7.31118G	51.56	74.00	-22.44	3	Vertical	31	1.00	-
2437MHz	Pass	AV	4.87394G	53.83	54.00	-0.17	3	Horizontal	300	1.00	-
2437MHz	Pass	AV	7.31018G	42.94	54.00	-11.06	3	Horizontal	80	1.03	-
2437MHz	Pass	PK	4.874G	56.18	74.00	-17.82	3	Horizontal	300	1.00	-
2437MHz	Pass	PK	7.30969G	52.26	74.00	-21.74	3	Horizontal	80	1.03	-
2457MHz	Pass	AV	2.4562G	106.66	Inf	-Inf	3	Vertical	109	3.00	-
2457MHz	Pass	AV	2.4838G	49.48	54.00	-4.52	3	Vertical	109	3.00	-
2457MHz	Pass	PK	2.456G	108.67	Inf	-Inf	3	Vertical	109	3.00	-
2457MHz	Pass	PK	2.4836G	59.08	74.00	-14.92	3	Vertical	109	3.00	-
2457MHz	Pass	AV	2.4562G	107.14	Inf	-Inf	3	Horizontal	332	1.28	-
2457MHz	Pass	AV	2.4836G	50.22	54.00	-3.78	3	Horizontal	332	1.28	-
2457MHz	Pass	PK	2.4562G	109.21	Inf	-Inf	3	Horizontal	332	1.28	-
2457MHz	Pass	PK	2.484G	60.01	74.00	-13.99	3	Horizontal	332	1.28	-
2457MHz	Pass	AV	4.91398G	49.66	54.00	-4.34	3	Vertical	240	1.14	-
2457MHz	Pass	AV	7.37012G	39.97	54.00	-14.03	3	Vertical	31	1.00	-
2457MHz	Pass	PK	4.91396G	53.26	74.00	-20.74	3	Vertical	240	1.14	-
2457MHz	Pass	PK	7.37018G	50.55	74.00	-23.45	3	Vertical	31	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	4.91396G	53.80	54.00	-0.20	3	Horizontal	302	1.05	-
2457MHz	Pass	AV	7.3702G	40.62	54.00	-13.38	3	Horizontal	81	1.00	-
2457MHz	Pass	PK	4.914G	56.09	74.00	-17.91	3	Horizontal	302	1.05	-
2457MHz	Pass	PK	7.37058G	50.44	74.00	-23.56	3	Horizontal	81	1.00	-
2462MHz	Pass	AV	2.4612G	105.63	Inf	-Inf	3	Vertical	109	3.00	-
2462MHz	Pass	AV	2.489G	49.12	54.00	-4.88	3	Vertical	109	3.00	-
2462MHz	Pass	PK	2.461G	107.69	Inf	-Inf	3	Vertical	109	3.00	-
2462MHz	Pass	PK	2.4864G	59.03	74.00	-14.97	3	Vertical	109	3.00	-
2462MHz	Pass	AV	2.4612G	106.63	Inf	-Inf	3	Horizontal	332	1.00	-
2462MHz	Pass	AV	2.4888G	49.54	54.00	-4.46	3	Horizontal	332	1.00	-
2462MHz	Pass	PK	2.4628G	108.66	Inf	-Inf	3	Horizontal	332	1.00	-
2462MHz	Pass	PK	2.4906G	59.30	74.00	-14.70	3	Horizontal	332	1.00	-
2462MHz	Pass	AV	4.92399G	48.85	54.00	-5.15	3	Vertical	241	1.26	-
2462MHz	Pass	AV	7.38778G	38.53	54.00	-15.47	3	Vertical	39	1.50	-
2462MHz	Pass	PK	4.92388G	52.97	74.00	-21.03	3	Vertical	241	1.26	-
2462MHz	Pass	PK	7.38776G	49.83	74.00	-24.17	3	Vertical	39	1.50	-
2462MHz	Pass	AV	4.92393G	53.82	54.00	-0.18	3	Horizontal	301	1.00	-
2462MHz	Pass	AV	7.385G	40.21	54.00	-13.79	3	Horizontal	82	1.00	-
2462MHz	Pass	PK	4.92384G	56.15	74.00	-17.85	3	Horizontal	301	1.00	-
2462MHz	Pass	PK	7.38772G	51.29	74.00	-22.71	3	Horizontal	82	1.00	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3894G	52.48	54.00	-1.52	3	Vertical	102	3.00	-
2412MHz	Pass	AV	2.4106G	98.50	Inf	-Inf	3	Vertical	102	3.00	-
2412MHz	Pass	PK	2.3896G	65.98	74.00	-8.02	3	Vertical	102	3.00	-
2412MHz	Pass	PK	2.4084G	106.13	Inf	-Inf	3	Vertical	102	3.00	-
2412MHz	Pass	AV	2.3892G	53.57	54.00	-0.43	3	Horizontal	326	1.38	-
2412MHz	Pass	AV	2.4074G	100.34	Inf	-Inf	3	Horizontal	326	1.38	-
2412MHz	Pass	PK	2.3896G	67.10	74.00	-6.90	3	Horizontal	326	1.38	-
2412MHz	Pass	PK	2.4084G	107.94	Inf	-Inf	3	Horizontal	326	1.38	-
2412MHz	Pass	AV	4.8252G	36.24	54.00	-17.76	3	Vertical	95	2.65	-
2412MHz	Pass	PK	4.8246G	45.45	74.00	-28.55	3	Vertical	95	2.65	-
2412MHz	Pass	AV	4.82496G	37.70	54.00	-16.30	3	Horizontal	304	1.02	-
2412MHz	Pass	PK	4.81746G	46.62	74.00	-27.38	3	Horizontal	304	1.02	-
2417MHz	Pass	AV	2.39G	52.11	54.00	-1.89	3	Vertical	104	3.00	-
2417MHz	Pass	AV	2.411G	99.36	Inf	-Inf	3	Vertical	104	3.00	-
2417MHz	Pass	PK	2.3892G	65.69	74.00	-8.31	3	Vertical	104	3.00	-
2417MHz	Pass	PK	2.4134G	106.74	Inf	-Inf	3	Vertical	104	3.00	-
2417MHz	Pass	AV	2.3898G	53.69	54.00	-0.31	3	Horizontal	329	1.19	-
2417MHz	Pass	AV	2.411G	101.36	Inf	-Inf	3	Horizontal	329	1.19	-
2417MHz	Pass	PK	2.3892G	67.30	74.00	-6.70	3	Horizontal	329	1.19	-
2417MHz	Pass	PK	2.4134G	108.56	Inf	-Inf	3	Horizontal	329	1.19	-
2437MHz	Pass	AV	2.389G	49.16	54.00	-4.84	3	Vertical	94	3.00	-
2437MHz	Pass	AV	2.4358G	103.06	Inf	-Inf	3	Vertical	94	3.00	-
2437MHz	Pass	AV	2.4854G	48.62	54.00	-5.38	3	Vertical	94	3.00	-
2437MHz	Pass	PK	2.3854G	60.91	74.00	-13.09	3	Vertical	94	3.00	-
2437MHz	Pass	PK	2.4354G	110.44	Inf	-Inf	3	Vertical	94	3.00	-
2437MHz	Pass	PK	2.485G	59.67	74.00	-14.33	3	Vertical	94	3.00	-
2437MHz	Pass	AV	2.3898G	50.15	54.00	-3.85	3	Horizontal	324	1.33	-
2437MHz	Pass	AV	2.4322G	104.00	Inf	-Inf	3	Horizontal	324	1.33	-
2437MHz	Pass	AV	2.4835G	49.29	54.00	-4.71	3	Horizontal	324	1.33	-
2437MHz	Pass	PK	2.3886G	61.98	74.00	-12.02	3	Horizontal	324	1.33	-
2437MHz	Pass	PK	2.4354G	111.32	Inf	-Inf	3	Horizontal	324	1.33	-
2437MHz	Pass	PK	2.485G	59.46	74.00	-14.54	3	Horizontal	324	1.33	-
2437MHz	Pass	AV	4.87502G	39.66	54.00	-14.34	3	Vertical	96	2.41	-
2437MHz	Pass	AV	7.3089G	41.39	54.00	-12.61	3	Vertical	186	2.47	-
2437MHz	Pass	PK	4.87478G	48.61	74.00	-25.39	3	Vertical	96	2.41	-
2437MHz	Pass	PK	7.30584G	50.28	74.00	-23.72	3	Vertical	186	2.47	-
2437MHz	Pass	AV	4.87502G	42.06	54.00	-11.94	3	Horizontal	309	1.06	-
2437MHz	Pass	AV	7.3137G	42.57	54.00	-11.43	3	Horizontal	82	1.03	-
2437MHz	Pass	PK	4.87508G	48.74	74.00	-25.26	3	Horizontal	309	1.06	-
2437MHz	Pass	PK	7.31244G	49.86	74.00	-24.14	3	Horizontal	82	1.03	-
2457MHz	Pass	AV	2.4558G	100.58	Inf	-Inf	3	Vertical	98	3.00	-

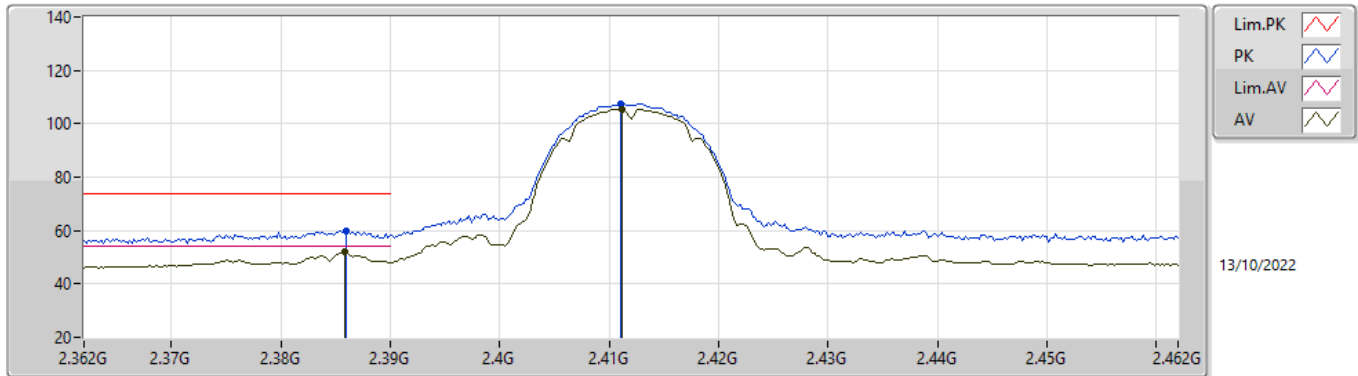
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	2.4835G	52.53	54.00	-1.47	3	Vertical	98	3.00	-
2457MHz	Pass	PK	2.4534G	108.19	Inf	-Inf	3	Vertical	98	3.00	-
2457MHz	Pass	PK	2.4842G	65.78	74.00	-8.22	3	Vertical	98	3.00	-
2457MHz	Pass	AV	2.4524G	101.38	Inf	-Inf	3	Horizontal	324	1.30	-
2457MHz	Pass	AV	2.4835G	53.39	54.00	-0.61	3	Horizontal	324	1.30	-
2457MHz	Pass	PK	2.4534G	109.01	Inf	-Inf	3	Horizontal	324	1.30	-
2457MHz	Pass	PK	2.4842G	66.35	74.00	-7.65	3	Horizontal	324	1.30	-
2462MHz	Pass	AV	2.456G	99.62	Inf	-Inf	3	Vertical	98	3.00	-
2462MHz	Pass	AV	2.4835G	52.90	54.00	-1.10	3	Vertical	98	3.00	-
2462MHz	Pass	PK	2.4584G	107.22	Inf	-Inf	3	Vertical	98	3.00	-
2462MHz	Pass	PK	2.4836G	65.55	74.00	-8.45	3	Vertical	98	3.00	-
2462MHz	Pass	AV	2.456G	100.22	Inf	-Inf	3	Horizontal	324	1.30	-
2462MHz	Pass	AV	2.484G	53.64	54.00	-0.36	3	Horizontal	324	1.30	-
2462MHz	Pass	PK	2.4584G	107.87	Inf	-Inf	3	Horizontal	324	1.30	-
2462MHz	Pass	PK	2.4836G	65.68	74.00	-8.32	3	Horizontal	324	1.30	-
2462MHz	Pass	AV	4.92418G	38.71	54.00	-15.29	3	Vertical	81	2.82	-
2462MHz	Pass	AV	7.37706G	38.94	54.00	-15.06	3	Vertical	103	2.58	-
2462MHz	Pass	PK	4.92436G	49.59	74.00	-24.41	3	Vertical	81	2.82	-
2462MHz	Pass	PK	7.39632G	49.89	74.00	-24.11	3	Vertical	103	2.58	-
2462MHz	Pass	AV	4.92496G	40.27	54.00	-13.73	3	Horizontal	308	1.04	-
2462MHz	Pass	AV	7.38666G	39.26	54.00	-14.74	3	Horizontal	88	1.30	-
2462MHz	Pass	PK	4.9252G	50.83	74.00	-23.17	3	Horizontal	308	1.04	-
2462MHz	Pass	PK	7.39212G	49.95	74.00	-24.05	3	Horizontal	88	1.30	-
802.11n HT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	52.78	54.00	-1.22	3	Vertical	102	3.00	-
2412MHz	Pass	AV	2.406G	98.14	Inf	-Inf	3	Vertical	102	3.00	-
2412MHz	Pass	PK	2.3892G	64.54	74.00	-9.46	3	Vertical	102	3.00	-
2412MHz	Pass	PK	2.4128G	105.13	Inf	-Inf	3	Vertical	102	3.00	-
2412MHz	Pass	AV	2.3898G	53.76	54.00	-0.24	3	Horizontal	326	1.37	-
2412MHz	Pass	AV	2.406G	100.27	Inf	-Inf	3	Horizontal	326	1.37	-
2412MHz	Pass	PK	2.3838G	65.99	74.00	-8.01	3	Horizontal	326	1.37	-
2412MHz	Pass	PK	2.407G	107.17	Inf	-Inf	3	Horizontal	326	1.37	-
2412MHz	Pass	AV	4.82628G	35.28	54.00	-18.72	3	Vertical	55	2.57	-
2412MHz	Pass	PK	4.82514G	45.76	74.00	-28.24	3	Vertical	55	2.57	-
2412MHz	Pass	AV	4.82352G	37.27	54.00	-16.73	3	Horizontal	310	1.02	-
2412MHz	Pass	PK	4.82268G	48.48	74.00	-25.52	3	Horizontal	310	1.02	-
2417MHz	Pass	AV	2.39G	52.21	54.00	-1.79	3	Vertical	103	3.00	-
2417MHz	Pass	AV	2.411G	99.11	Inf	-Inf	3	Vertical	103	3.00	-
2417MHz	Pass	PK	2.389G	66.13	74.00	-7.87	3	Vertical	103	3.00	-
2417MHz	Pass	PK	2.4108G	105.92	Inf	-Inf	3	Vertical	103	3.00	-
2417MHz	Pass	AV	2.3896G	53.56	54.00	-0.44	3	Horizontal	329	1.18	-
2417MHz	Pass	AV	2.411G	101.12	Inf	-Inf	3	Horizontal	329	1.18	-
2417MHz	Pass	PK	2.389G	67.96	74.00	-6.04	3	Horizontal	329	1.18	-
2417MHz	Pass	PK	2.4108G	107.90	Inf	-Inf	3	Horizontal	329	1.18	-
2437MHz	Pass	AV	2.3898G	49.30	54.00	-4.70	3	Vertical	95	3.00	-
2437MHz	Pass	AV	2.431G	102.19	Inf	-Inf	3	Vertical	95	3.00	-
2437MHz	Pass	AV	2.4838G	48.63	54.00	-5.37	3	Vertical	95	3.00	-
2437MHz	Pass	PK	2.3894G	60.17	74.00	-13.83	3	Vertical	95	3.00	-
2437MHz	Pass	PK	2.4382G	109.33	Inf	-Inf	3	Vertical	95	3.00	-
2437MHz	Pass	PK	2.4842G	59.85	74.00	-14.15	3	Vertical	95	3.00	-
2437MHz	Pass	AV	2.3894G	49.71	54.00	-4.29	3	Horizontal	324	1.32	-
2437MHz	Pass	AV	2.431G	103.23	Inf	-Inf	3	Horizontal	324	1.32	-
2437MHz	Pass	AV	2.4854G	48.91	54.00	-5.09	3	Horizontal	324	1.32	-
2437MHz	Pass	PK	2.3898G	61.31	74.00	-12.69	3	Horizontal	324	1.32	-
2437MHz	Pass	PK	2.4318G	110.08	Inf	-Inf	3	Horizontal	324	1.32	-
2437MHz	Pass	PK	2.4835G	59.57	74.00	-14.43	3	Horizontal	324	1.32	-
2437MHz	Pass	AV	4.87292G	37.83	54.00	-16.17	3	Vertical	99	2.46	-
2437MHz	Pass	AV	7.31364G	39.66	54.00	-14.34	3	Vertical	37	1.07	-
2437MHz	Pass	PK	4.8692G	48.90	74.00	-25.10	3	Vertical	99	2.46	-
2437MHz	Pass	PK	7.31574G	50.46	74.00	-23.54	3	Vertical	37	1.07	-
2437MHz	Pass	AV	4.8752G	39.72	54.00	-14.28	3	Horizontal	306	1.06	-
2437MHz	Pass	AV	7.3077G	40.29	54.00	-13.71	3	Horizontal	86	1.11	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	4.87406G	50.77	74.00	-23.23	3	Horizontal	306	1.06	-
2437MHz	Pass	PK	7.30158G	51.46	74.00	-22.54	3	Horizontal	86	1.11	-
2457MHz	Pass	AV	2.451G	100.03	Inf	-Inf	3	Vertical	98	3.00	-
2457MHz	Pass	AV	2.4836G	52.50	54.00	-1.50	3	Vertical	98	3.00	-
2457MHz	Pass	PK	2.458G	107.15	Inf	-Inf	3	Vertical	98	3.00	-
2457MHz	Pass	PK	2.4835G	65.12	74.00	-8.88	3	Vertical	98	3.00	-
2457MHz	Pass	AV	2.451G	100.96	Inf	-Inf	3	Horizontal	324	1.29	-
2457MHz	Pass	AV	2.4836G	53.61	54.00	-0.39	3	Horizontal	324	1.29	-
2457MHz	Pass	PK	2.4518G	107.91	Inf	-Inf	3	Horizontal	324	1.29	-
2457MHz	Pass	PK	2.4836G	66.65	74.00	-7.35	3	Horizontal	324	1.29	-
2462MHz	Pass	AV	2.456G	99.33	Inf	-Inf	3	Vertical	96	3.00	-
2462MHz	Pass	AV	2.4835G	52.28	54.00	-1.72	3	Vertical	96	3.00	-
2462MHz	Pass	PK	2.4558G	106.16	Inf	-Inf	3	Vertical	96	3.00	-
2462MHz	Pass	PK	2.4848G	65.94	74.00	-8.06	3	Vertical	96	3.00	-
2462MHz	Pass	AV	2.456G	100.01	Inf	-Inf	3	Horizontal	324	1.30	-
2462MHz	Pass	AV	2.4835G	53.46	54.00	-0.54	3	Horizontal	324	1.30	-
2462MHz	Pass	PK	2.4558G	106.83	Inf	-Inf	3	Horizontal	324	1.30	-
2462MHz	Pass	PK	2.484G	66.14	74.00	-7.86	3	Horizontal	324	1.30	-
2462MHz	Pass	AV	4.92094G	37.05	54.00	-16.95	3	Vertical	101	1.02	-
2462MHz	Pass	AV	7.39296G	38.88	54.00	-15.12	3	Vertical	188	1.50	-
2462MHz	Pass	PK	4.92268G	47.49	74.00	-26.51	3	Vertical	101	1.02	-
2462MHz	Pass	PK	7.39404G	49.17	74.00	-24.83	3	Vertical	188	1.50	-
2462MHz	Pass	AV	4.92508G	39.64	54.00	-14.36	3	Horizontal	306	1.02	-
2462MHz	Pass	AV	7.38078G	38.75	54.00	-15.25	3	Horizontal	27	1.50	-
2462MHz	Pass	PK	4.9234G	50.62	74.00	-23.38	3	Horizontal	306	1.02	-
2462MHz	Pass	PK	7.39428G	49.53	74.00	-24.47	3	Horizontal	27	1.50	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	52.43	54.00	-1.57	3	Vertical	90	3.00	-
2422MHz	Pass	AV	2.4208G	95.52	Inf	-Inf	3	Vertical	90	3.00	-
2422MHz	Pass	AV	2.484G	46.37	54.00	-7.63	3	Vertical	90	3.00	-
2422MHz	Pass	PK	2.3884G	65.85	74.00	-8.15	3	Vertical	90	3.00	-
2422MHz	Pass	PK	2.4256G	103.83	Inf	-Inf	3	Vertical	90	3.00	-
2422MHz	Pass	PK	2.494G	58.53	74.00	-15.47	3	Vertical	90	3.00	-
2422MHz	Pass	AV	2.3884G	53.71	54.00	-0.29	3	Horizontal	325	1.41	-
2422MHz	Pass	AV	2.4116G	96.64	Inf	-Inf	3	Horizontal	325	1.41	-
2422MHz	Pass	AV	2.4844G	46.66	54.00	-7.34	3	Horizontal	325	1.41	-
2422MHz	Pass	PK	2.3892G	67.44	74.00	-6.56	3	Horizontal	325	1.41	-
2422MHz	Pass	PK	2.4108G	105.47	Inf	-Inf	3	Horizontal	325	1.41	-
2422MHz	Pass	PK	2.4876G	57.91	74.00	-16.09	3	Horizontal	325	1.41	-
2422MHz	Pass	AV	4.84256G	35.03	54.00	-18.97	3	Vertical	283	2.94	-
2422MHz	Pass	AV	7.28064G	38.05	54.00	-15.95	3	Vertical	64	1.50	-
2422MHz	Pass	PK	4.8344G	47.22	74.00	-26.78	3	Vertical	283	2.94	-
2422MHz	Pass	PK	7.25832G	50.42	74.00	-23.58	3	Vertical	64	1.50	-
2422MHz	Pass	AV	4.84244G	35.36	54.00	-18.64	3	Horizontal	310	1.00	-
2422MHz	Pass	AV	7.28604G	38.07	54.00	-15.93	3	Horizontal	123	2.34	-
2422MHz	Pass	PK	4.83716G	46.99	74.00	-27.01	3	Horizontal	310	1.00	-
2422MHz	Pass	PK	7.25412G	49.50	74.00	-24.50	3	Horizontal	123	2.34	-
2427MHz	Pass	AV	2.3898G	52.58	54.00	-1.42	3	Vertical	108	3.00	-
2427MHz	Pass	AV	2.4246G	95.58	Inf	-Inf	3	Vertical	108	3.00	-
2427MHz	Pass	AV	2.4835G	46.99	54.00	-7.01	3	Vertical	108	3.00	-
2427MHz	Pass	PK	2.387G	66.16	74.00	-7.84	3	Vertical	108	3.00	-
2427MHz	Pass	PK	2.4238G	103.74	Inf	-Inf	3	Vertical	108	3.00	-
2427MHz	Pass	PK	2.4866G	58.60	74.00	-15.40	3	Vertical	108	3.00	-
2427MHz	Pass	AV	2.3898G	53.84	54.00	-0.16	3	Horizontal	324	2.73	-
2427MHz	Pass	AV	2.4286G	96.86	Inf	-Inf	3	Horizontal	324	2.73	-
2427MHz	Pass	AV	2.4835G	46.91	54.00	-7.09	3	Horizontal	324	2.73	-
2427MHz	Pass	PK	2.387G	67.52	74.00	-6.48	3	Horizontal	324	2.73	-
2427MHz	Pass	PK	2.4302G	105.66	Inf	-Inf	3	Horizontal	324	2.73	-
2427MHz	Pass	PK	2.4858G	58.13	74.00	-15.87	3	Horizontal	324	2.73	-
2437MHz	Pass	AV	2.3898G	52.17	54.00	-1.83	3	Vertical	97	2.93	-
2437MHz	Pass	AV	2.4394G	96.52	Inf	-Inf	3	Vertical	97	2.93	-
2437MHz	Pass	AV	2.4835G	50.13	54.00	-3.87	3	Vertical	97	2.93	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.3894G	65.74	74.00	-8.26	3	Vertical	97	2.93	-
2437MHz	Pass	PK	2.4406G	105.37	Inf	-Inf	3	Vertical	97	2.93	-
2437MHz	Pass	PK	2.485G	62.54	74.00	-11.46	3	Vertical	97	2.93	-
2437MHz	Pass	AV	2.3898G	53.86	54.00	-0.14	3	Horizontal	328	1.15	-
2437MHz	Pass	AV	2.435G	97.98	Inf	-Inf	3	Horizontal	328	1.15	-
2437MHz	Pass	AV	2.4835G	50.87	54.00	-3.13	3	Horizontal	328	1.15	-
2437MHz	Pass	PK	2.3898G	68.71	74.00	-5.29	3	Horizontal	328	1.15	-
2437MHz	Pass	PK	2.4402G	106.66	Inf	-Inf	3	Horizontal	328	1.15	-
2437MHz	Pass	PK	2.4846G	63.19	74.00	-10.81	3	Horizontal	328	1.15	-
2437MHz	Pass	AV	4.844G	35.10	54.00	-18.90	3	Vertical	284	2.94	-
2437MHz	Pass	AV	7.2852G	38.17	54.00	-15.83	3	Vertical	156	1.50	-
2437MHz	Pass	PK	4.89104G	46.08	74.00	-27.92	3	Vertical	284	2.94	-
2437MHz	Pass	PK	7.32792G	49.78	74.00	-24.22	3	Vertical	156	1.50	-
2437MHz	Pass	AV	4.84484G	35.42	54.00	-18.58	3	Horizontal	302	1.06	-
2437MHz	Pass	AV	7.28364G	38.07	54.00	-15.93	3	Horizontal	307	1.50	-
2437MHz	Pass	PK	4.8446G	47.68	74.00	-26.32	3	Horizontal	302	1.06	-
2437MHz	Pass	PK	7.28292G	49.46	74.00	-24.54	3	Horizontal	307	1.50	-
2447MHz	Pass	AV	2.3898G	48.31	54.00	-5.69	3	Vertical	109	2.97	-
2447MHz	Pass	AV	2.445G	96.54	Inf	-Inf	3	Vertical	109	2.97	-
2447MHz	Pass	AV	2.4835G	52.39	54.00	-1.61	3	Vertical	109	2.97	-
2447MHz	Pass	PK	2.3886G	60.82	74.00	-13.18	3	Vertical	109	2.97	-
2447MHz	Pass	PK	2.4502G	105.24	Inf	-Inf	3	Vertical	109	2.97	-
2447MHz	Pass	PK	2.4846G	66.60	74.00	-7.40	3	Vertical	109	2.97	-
2447MHz	Pass	AV	2.3898G	49.99	54.00	-4.01	3	Horizontal	329	1.50	-
2447MHz	Pass	AV	2.4486G	97.50	Inf	-Inf	3	Horizontal	329	1.50	-
2447MHz	Pass	AV	2.4835G	53.33	54.00	-0.67	3	Horizontal	329	1.50	-
2447MHz	Pass	PK	2.3898G	62.98	74.00	-11.02	3	Horizontal	329	1.50	-
2447MHz	Pass	PK	2.4506G	106.23	Inf	-Inf	3	Horizontal	329	1.50	-
2447MHz	Pass	PK	2.485G	67.96	74.00	-6.04	3	Horizontal	329	1.50	-
2452MHz	Pass	AV	2.3858G	51.82	54.00	-2.18	3	Vertical	104	3.00	-
2452MHz	Pass	AV	2.4112G	105.52	Inf	-Inf	3	Vertical	104	3.00	-
2452MHz	Pass	PK	2.386G	59.87	74.00	-14.13	3	Vertical	104	3.00	-
2452MHz	Pass	PK	2.411G	107.55	Inf	-Inf	3	Vertical	104	3.00	-
2452MHz	Pass	AV	2.3858G	53.39	54.00	-0.61	3	Horizontal	324	1.57	-
2452MHz	Pass	AV	2.4112G	107.01	Inf	-Inf	3	Horizontal	324	1.57	-
2452MHz	Pass	PK	2.3856G	61.28	74.00	-12.72	3	Horizontal	324	1.57	-
2452MHz	Pass	PK	2.411G	108.99	Inf	-Inf	3	Horizontal	324	1.57	-
2452MHz	Pass	AV	4.82398G	47.44	54.00	-6.56	3	Vertical	96	2.33	-
2452MHz	Pass	PK	4.82383G	51.72	74.00	-22.28	3	Vertical	96	2.33	-
2452MHz	Pass	AV	4.82394G	51.03	54.00	-2.97	3	Horizontal	309	1.00	-
2452MHz	Pass	PK	4.82386G	54.47	74.00	-19.53	3	Horizontal	309	1.00	-

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

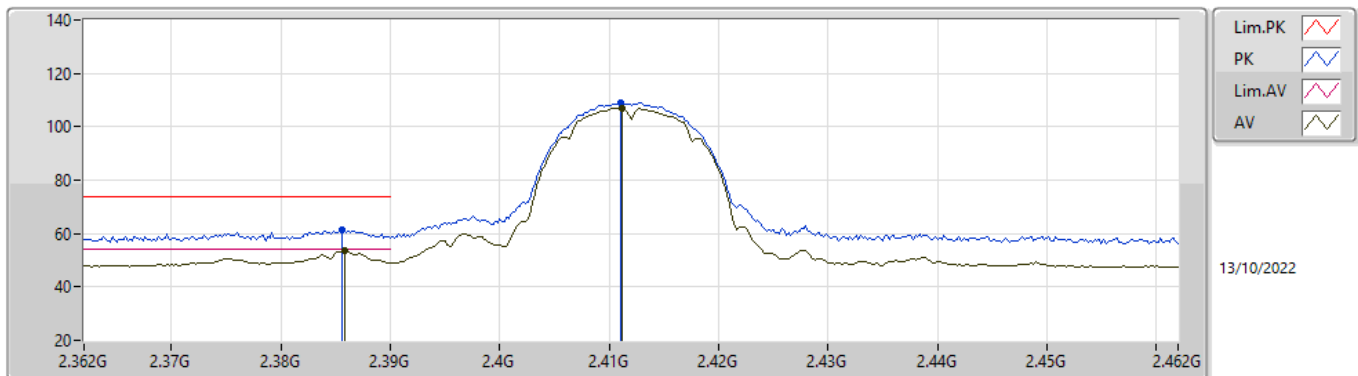
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3858G	51.82	54.00	-2.18	31.57	3	Vertical	104	3.00	-	20.25	27.41	4.16	-
AV	2.4112G	105.52	Inf	-Inf	31.70	3	Vertical	104	3.00	-	73.82	27.52	4.18	-
PK	2.386G	59.87	74.00	-14.13	31.58	3	Vertical	104	3.00	-	28.29	27.42	4.16	-
PK	2.411G	107.55	Inf	-Inf	31.70	3	Vertical	104	3.00	-	75.85	27.52	4.18	-

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

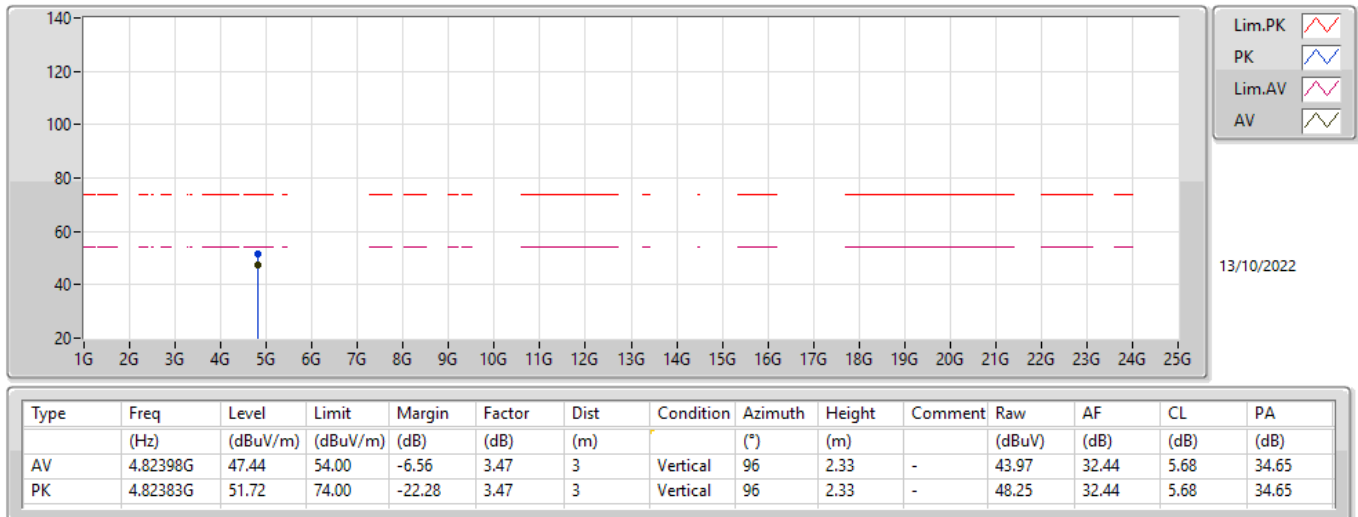
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3858G	53.39	54.00	-0.61	31.57	3	Horizontal	324	1.57	-	21.82	27.41	4.16	-
AV	2.4112G	107.01	Inf	-Inf	31.70	3	Horizontal	324	1.57	-	75.31	27.52	4.18	-
PK	2.3856G	61.28	74.00	-12.72	31.57	3	Horizontal	324	1.57	-	29.71	27.41	4.16	-
PK	2.411G	108.99	Inf	-Inf	31.70	3	Horizontal	324	1.57	-	77.29	27.52	4.18	-

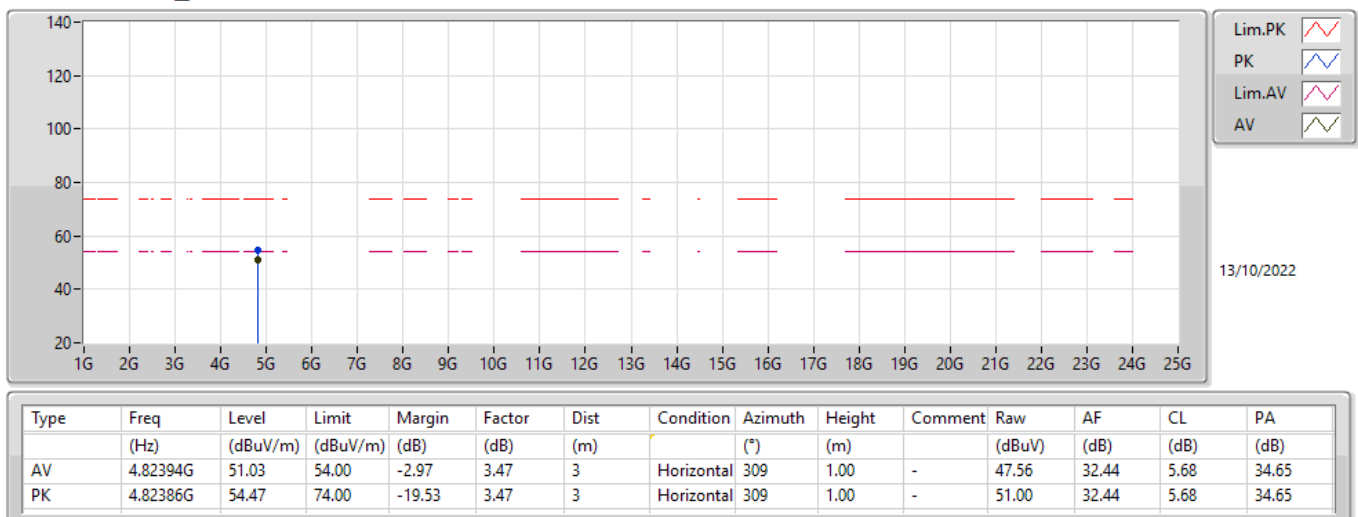
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX



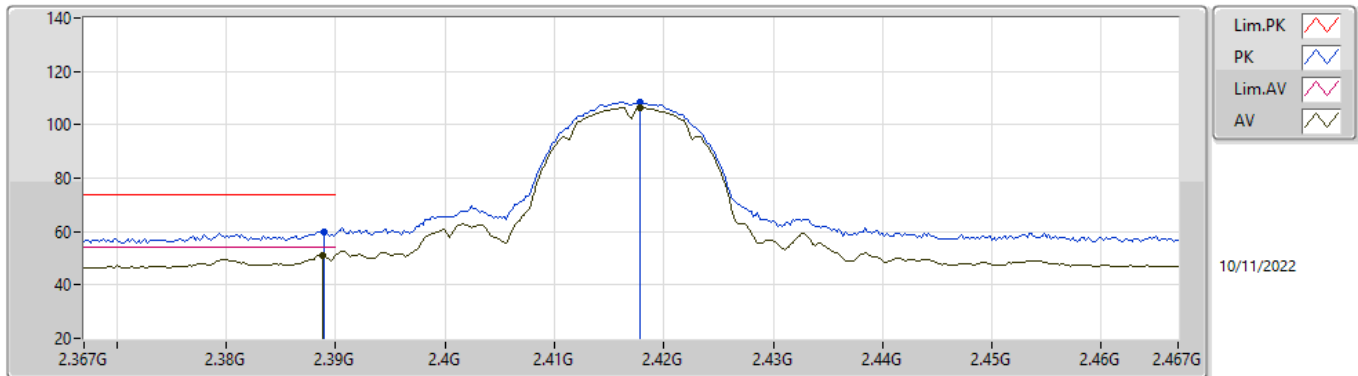
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX



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

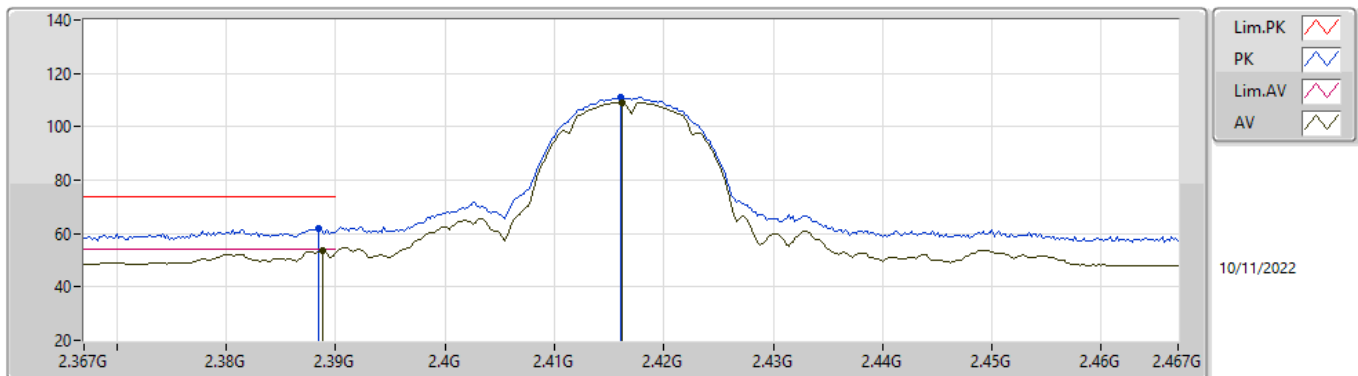
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3888G	51.25	54.00	-2.75	31.59	3	Vertical	90	3.00	-	19.66	27.43	4.16	-
AV	2.4178G	106.35	Inf	-Inf	31.72	3	Vertical	90	3.00	-	74.63	27.54	4.18	-
PK	2.389G	59.90	74.00	-14.10	31.59	3	Vertical	90	3.00	-	28.31	27.43	4.16	-
PK	2.4178G	108.39	Inf	-Inf	31.72	3	Vertical	90	3.00	-	76.67	27.54	4.18	-

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

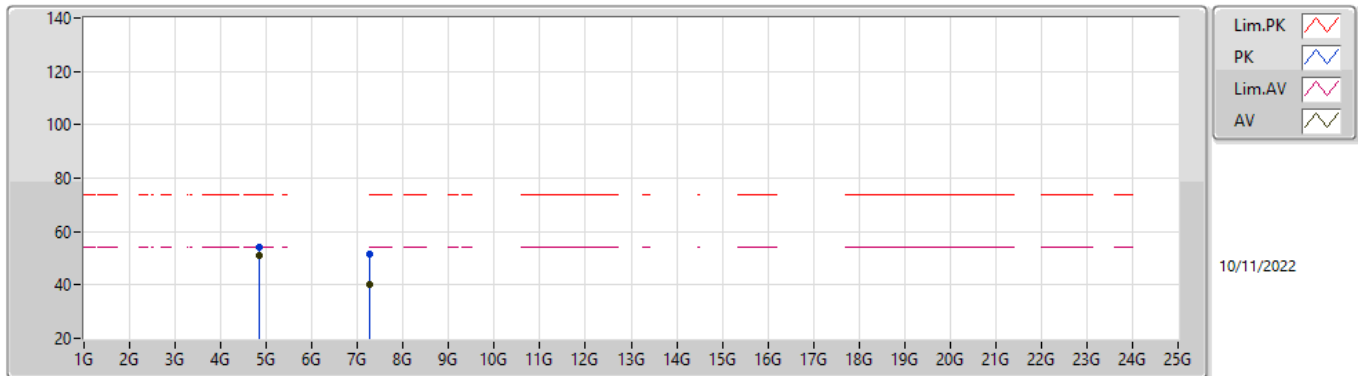
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3888G	53.47	54.00	-0.53	31.59	3	Horizontal	331	1.04	-	21.88	27.43	4.16	-
AV	2.4162G	109.10	Inf	-Inf	31.71	3	Horizontal	331	1.04	-	77.39	27.53	4.18	-
PK	2.3884G	62.03	74.00	-11.97	31.59	3	Horizontal	331	1.04	-	30.44	27.43	4.16	-
PK	2.416G	111.03	Inf	-Inf	31.71	3	Horizontal	331	1.04	-	79.32	27.53	4.18	-

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

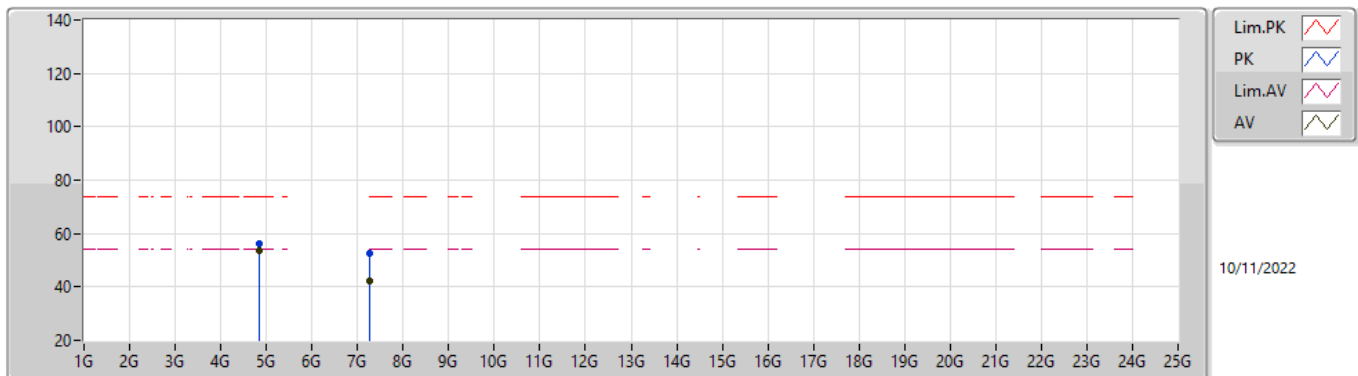
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83395G	50.82	54.00	-3.18	3.54	3	Vertical	93	2.65	-	47.28	32.50	5.69	34.65
AV	7.25001G	40.40	54.00	-13.60	8.81	3	Vertical	202	1.23	-	31.59	36.80	6.78	34.77
PK	4.83387G	54.30	74.00	-19.70	3.54	3	Vertical	93	2.65	-	50.76	32.50	5.69	34.65
PK	7.25011G	51.39	74.00	-22.61	8.81	3	Vertical	202	1.23	-	42.58	36.80	6.78	34.77

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

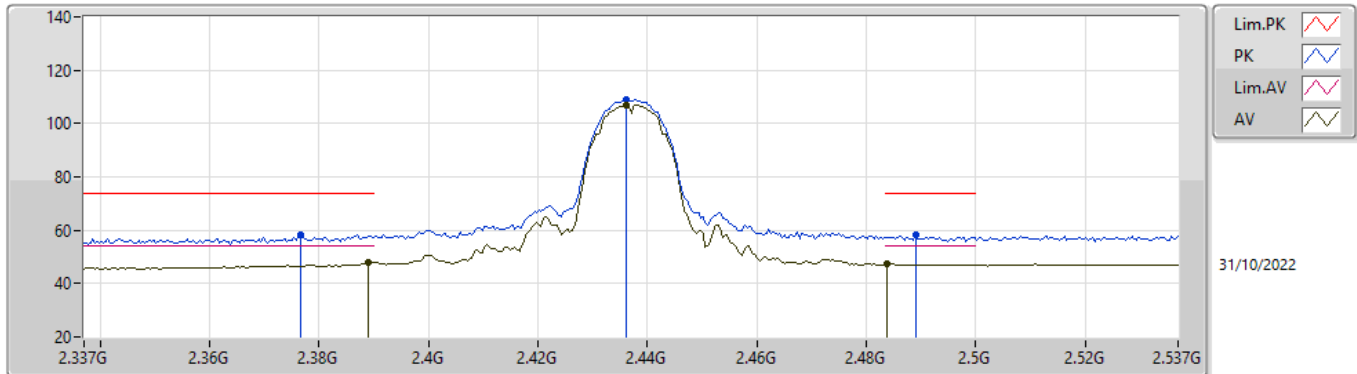
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83394G	53.60	54.00	-0.40	3.54	3	Horizontal	300	1.00	-	50.06	32.50	5.69	34.65
AV	7.25001G	42.09	54.00	-11.91	8.81	3	Horizontal	87	1.00	-	33.28	36.80	6.78	34.77
PK	4.83395G	56.17	74.00	-17.83	3.54	3	Horizontal	300	1.00	-	52.63	32.50	5.69	34.65
PK	7.25008G	52.78	74.00	-21.22	8.81	3	Horizontal	87	1.00	-	43.97	36.80	6.78	34.77

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

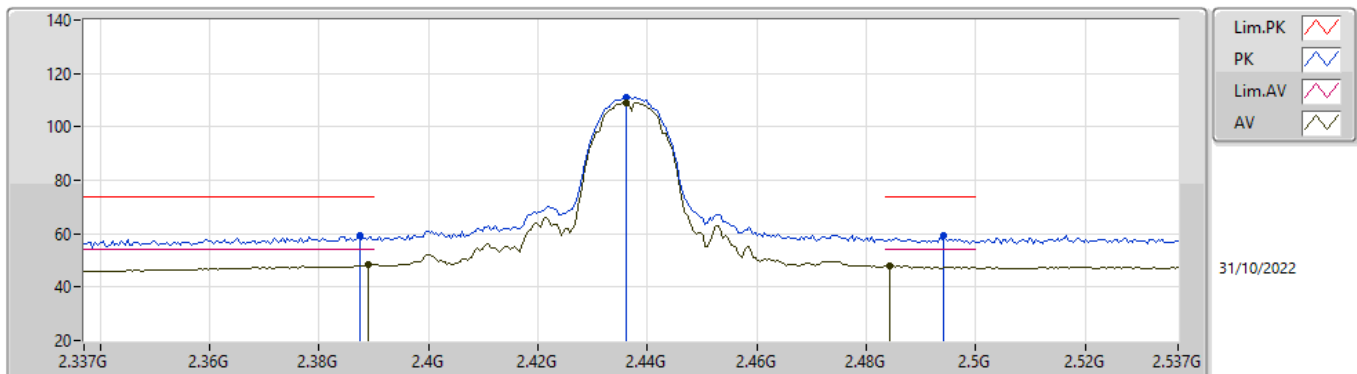
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	47.93	54.00	-6.07	31.59	3	Vertical	108	3.00	-	16.34	27.43	4.16	-
AV	2.4362G	107.01	Inf	-Inf	31.76	3	Vertical	108	3.00	-	75.25	27.57	4.19	-
AV	2.4838G	47.42	54.00	-6.58	32.02	3	Vertical	108	3.00	-	15.40	27.80	4.22	-
PK	2.3766G	58.28	74.00	-15.72	31.51	3	Vertical	108	3.00	-	26.77	27.36	4.15	-
PK	2.4362G	109.02	Inf	-Inf	31.76	3	Vertical	108	3.00	-	77.26	27.57	4.19	-
PK	2.489G	58.53	74.00	-15.47	32.05	3	Vertical	108	3.00	-	26.48	27.83	4.22	-

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

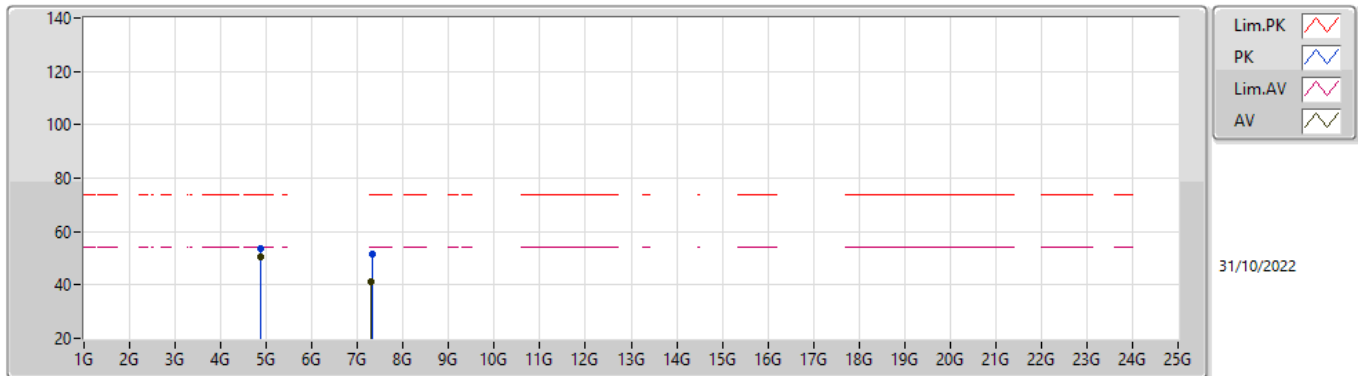
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	48.61	54.00	-5.39	31.59	3	Horizontal	61	1.08	-	17.02	27.43	4.16	-
AV	2.4362G	109.14	Inf	-Inf	31.76	3	Horizontal	61	1.08	-	77.38	27.57	4.19	-
AV	2.4842G	48.14	54.00	-5.86	32.03	3	Horizontal	61	1.08	-	16.11	27.81	4.22	-
PK	2.3874G	59.22	74.00	-14.78	31.58	3	Horizontal	61	1.08	-	27.64	27.42	4.16	-
PK	2.4362G	111.18	Inf	-Inf	31.76	3	Horizontal	61	1.08	-	79.42	27.57	4.19	-
PK	2.4942G	59.09	74.00	-14.91	32.10	3	Horizontal	61	1.08	-	26.99	27.87	4.23	-

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

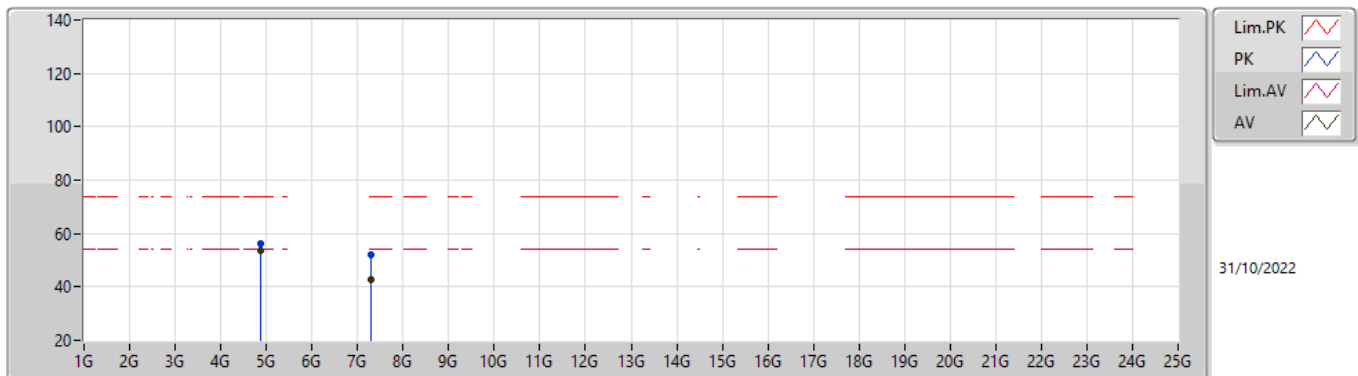
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87394G	50.50	54.00	-3.50	3.76	3	Vertical	282	2.92	-	46.74	32.70	5.71	34.65
AV	7.31002G	41.40	54.00	-12.60	8.78	3	Vertical	31	1.00	-	32.62	36.74	6.82	34.78
PK	4.87391G	53.76	74.00	-20.24	3.76	3	Vertical	282	2.92	-	50.00	32.70	5.71	34.65
PK	7.31118G	51.56	74.00	-22.44	8.77	3	Vertical	31	1.00	-	42.79	36.73	6.82	34.78

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

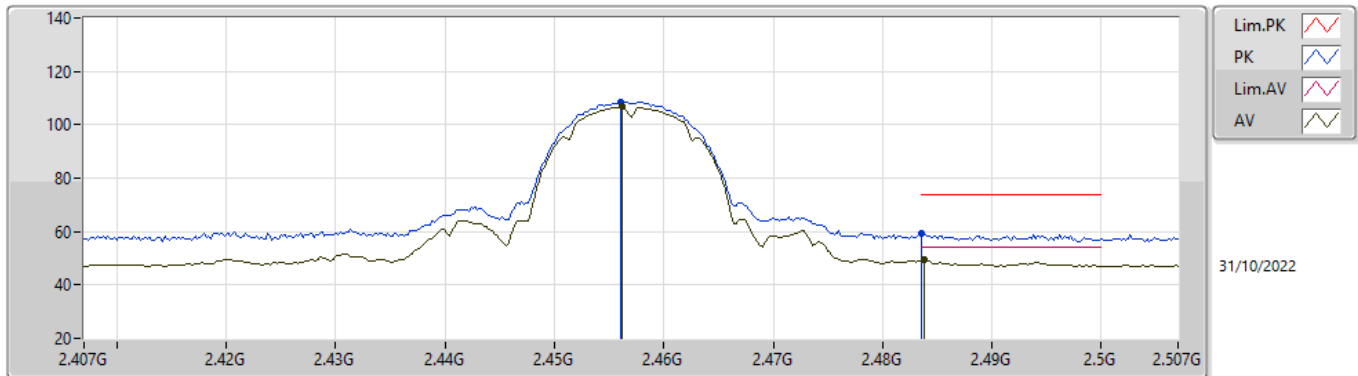
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87394G	53.83	54.00	-0.17	3.76	3	Horizontal	300	1.00	-	50.07	32.70	5.71	34.65
AV	7.31018G	42.94	54.00	-11.06	8.78	3	Horizontal	80	1.03	-	34.16	36.74	6.82	34.78
PK	4.874G	56.18	74.00	-17.82	3.76	3	Horizontal	300	1.00	-	52.42	32.70	5.71	34.65
PK	7.30969G	52.26	74.00	-21.74	8.78	3	Horizontal	80	1.03	-	43.48	36.74	6.82	34.78

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

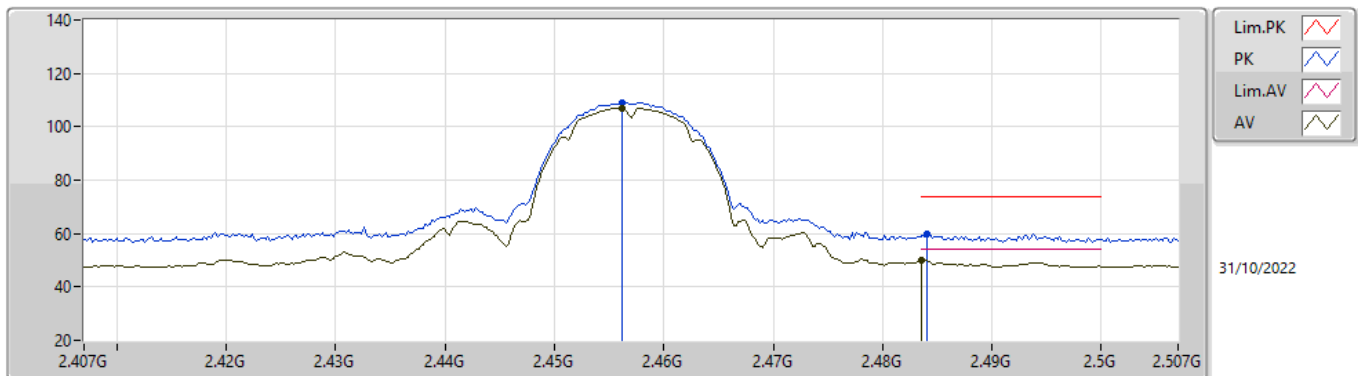
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	106.66	Inf	-Inf	31.84	3	Vertical	109	3.00	-	74.82	27.64	4.20	-
AV	2.4838G	49.48	54.00	-4.52	32.02	3	Vertical	109	3.00	-	17.46	27.80	4.22	-
PK	2.456G	108.67	Inf	-Inf	31.84	3	Vertical	109	3.00	-	76.83	27.64	4.20	-
PK	2.4836G	59.08	74.00	-14.92	32.02	3	Vertical	109	3.00	-	27.06	27.80	4.22	-

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

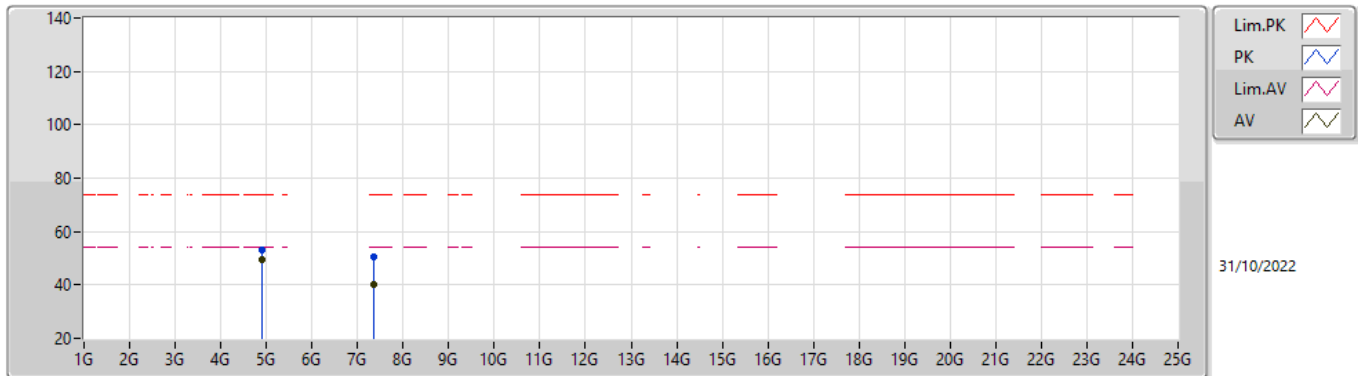
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	107.14	Inf	-Inf	31.84	3	Horizontal	332	1.28	-	75.30	27.64	4.20	-
AV	2.4836G	50.22	54.00	-3.78	32.02	3	Horizontal	332	1.28	-	18.20	27.80	4.22	-
PK	2.4562G	109.21	Inf	-Inf	31.84	3	Horizontal	332	1.28	-	77.37	27.64	4.20	-
PK	2.484G	60.01	74.00	-13.99	32.02	3	Horizontal	332	1.28	-	27.99	27.80	4.22	-

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

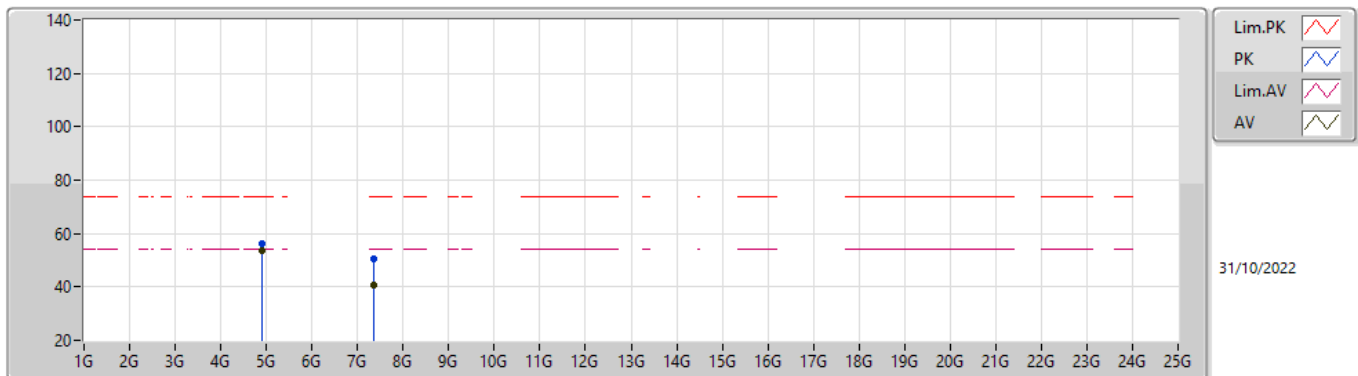
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91398G	49.66	54.00	-4.34	3.95	3	Vertical	240	1.14	-	45.71	32.86	5.74	34.65
AV	7.37012G	39.97	54.00	-14.03	8.50	3	Vertical	31	1.00	-	31.47	36.42	6.86	34.78
PK	4.91396G	53.26	74.00	-20.74	3.95	3	Vertical	240	1.14	-	49.31	32.86	5.74	34.65
PK	7.37018G	50.55	74.00	-23.45	8.50	3	Vertical	31	1.00	-	42.05	36.42	6.86	34.78

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

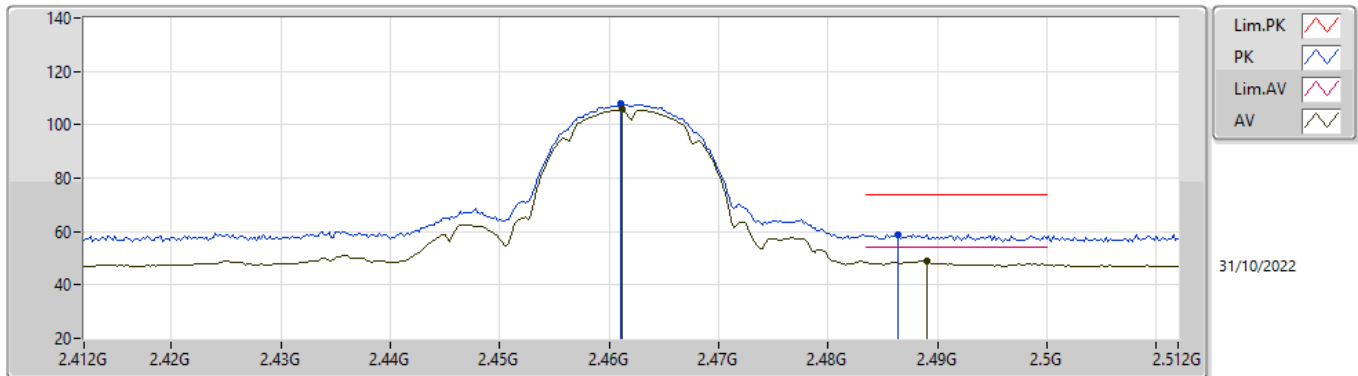
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91396G	53.80	54.00	-0.20	3.95	3	Horizontal	302	1.05	-	49.85	32.86	5.74	34.65
AV	7.3702G	40.62	54.00	-13.38	8.50	3	Horizontal	81	1.00	-	32.12	36.42	6.86	34.78
PK	4.914G	56.09	74.00	-17.91	3.95	3	Horizontal	302	1.05	-	52.14	32.86	5.74	34.65
PK	7.37058G	50.44	74.00	-23.56	8.50	3	Horizontal	81	1.00	-	41.94	36.42	6.86	34.78

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

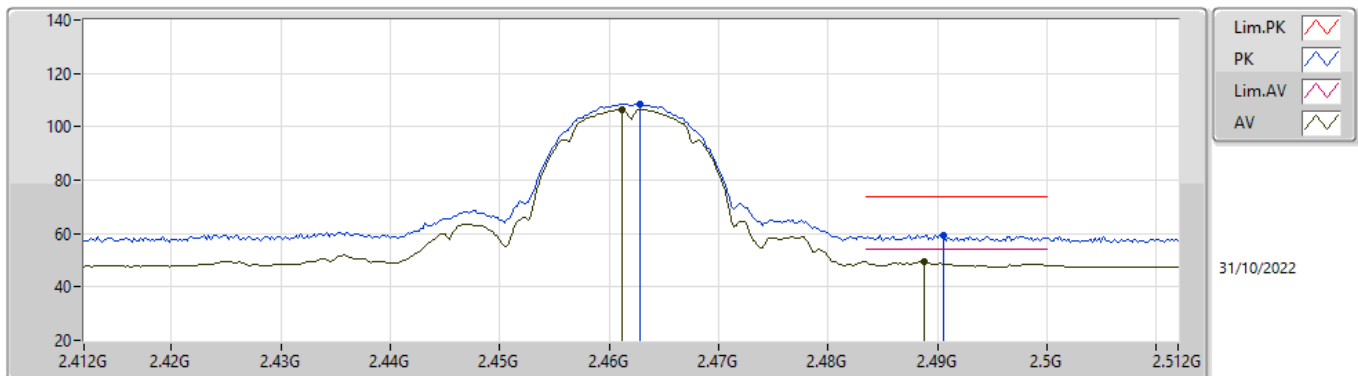
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	105.63	Inf	-Inf	31.88	3	Vertical	109	3.00	-	73.75	27.67	4.21	-
AV	2.489G	49.12	54.00	-4.88	32.05	3	Vertical	109	3.00	-	17.07	27.83	4.22	-
PK	2.461G	107.69	Inf	-Inf	31.88	3	Vertical	109	3.00	-	75.81	27.67	4.21	-
PK	2.4864G	59.03	74.00	-14.97	32.04	3	Vertical	109	3.00	-	26.99	27.82	4.22	-

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

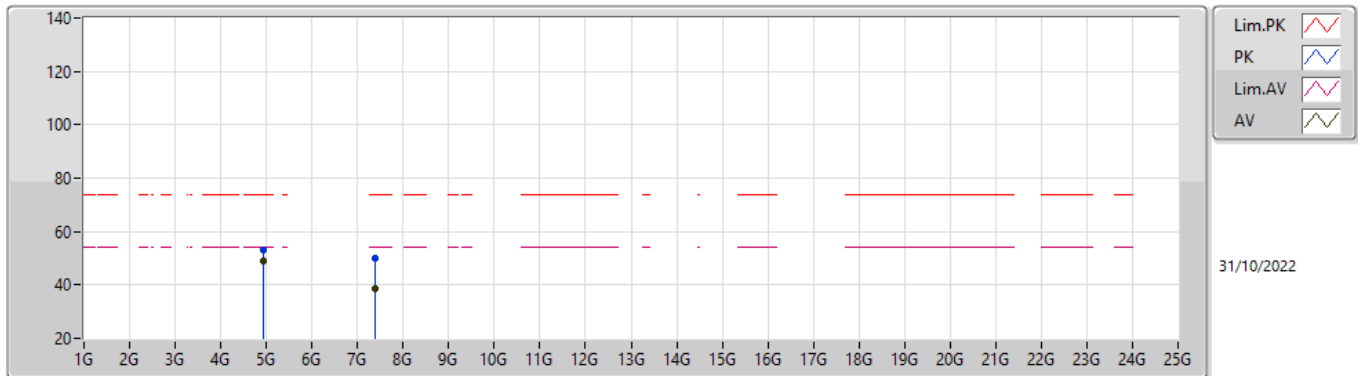
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	106.63	Inf	-Inf	31.88	3	Horizontal	332	1.00	-	74.75	27.67	4.21	-
AV	2.4888G	49.54	54.00	-4.46	32.05	3	Horizontal	332	1.00	-	17.49	27.83	4.22	-
PK	2.4628G	108.66	Inf	-Inf	31.89	3	Horizontal	332	1.00	-	76.77	27.68	4.21	-
PK	2.4906G	59.30	74.00	-14.70	32.06	3	Horizontal	332	1.00	-	27.24	27.84	4.22	-

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

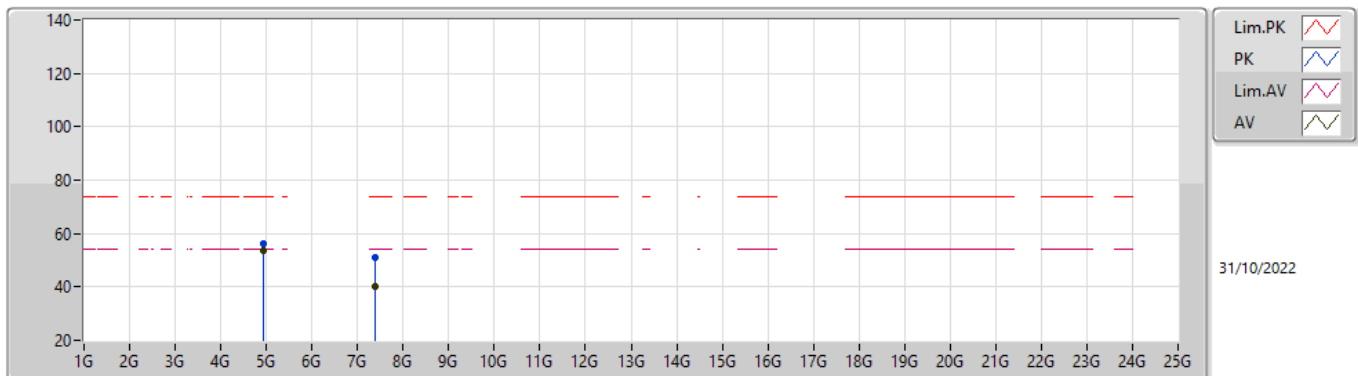
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92399G	48.85	54.00	-5.15	3.99	3	Vertical	241	1.26	-	44.86	32.90	5.74	34.65
AV	7.38778G	38.53	54.00	-15.47	8.43	3	Vertical	39	1.50	-	30.10	36.35	6.87	34.79
PK	4.92388G	52.97	74.00	-21.03	3.99	3	Vertical	241	1.26	-	48.98	32.90	5.74	34.65
PK	7.38776G	49.83	74.00	-24.17	8.43	3	Vertical	39	1.50	-	41.40	36.35	6.87	34.79

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

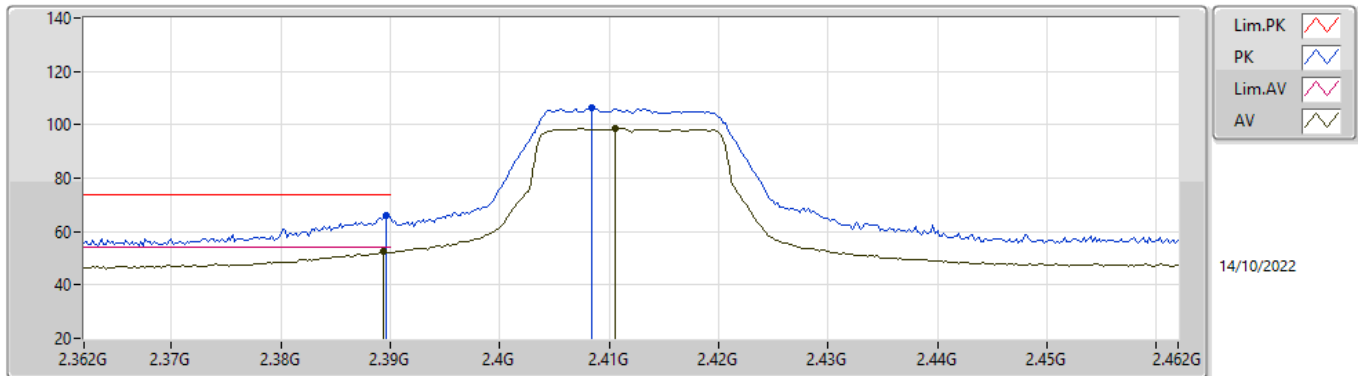
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92393G	53.82	54.00	-0.18	3.99	3	Horizontal	301	1.00	-	49.83	32.90	5.74	34.65
AV	7.385G	40.21	54.00	-13.79	8.44	3	Horizontal	82	1.00	-	31.77	36.36	6.87	34.79
PK	4.92384G	56.15	74.00	-17.85	3.99	3	Horizontal	301	1.00	-	52.16	32.90	5.74	34.65
PK	7.38772G	51.29	74.00	-22.71	8.43	3	Horizontal	82	1.00	-	42.86	36.35	6.87	34.79

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

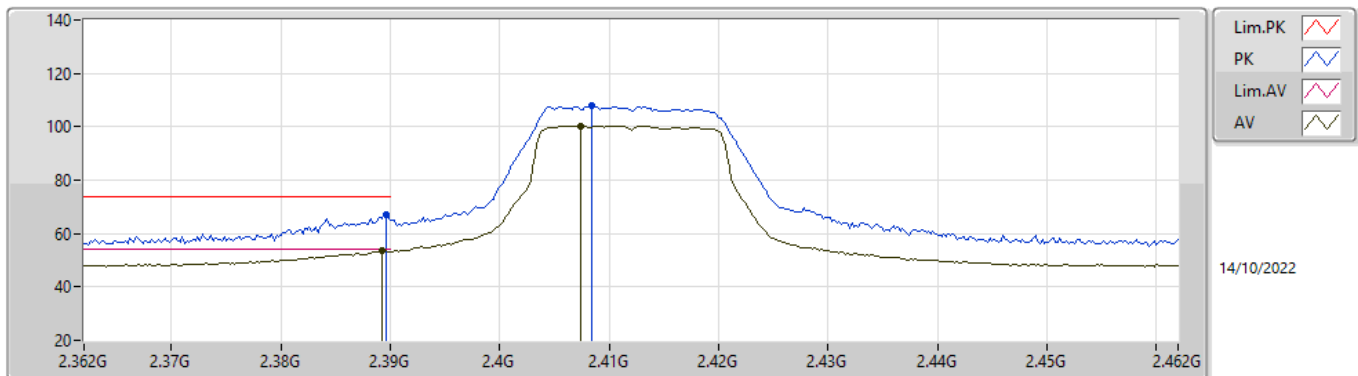
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	52.48	54.00	-1.52	31.60	3	Vertical	102	3.00	-	20.88	27.44	4.16	-
AV	2.4106G	98.50	Inf	-Inf	31.70	3	Vertical	102	3.00	-	66.80	27.52	4.18	-
PK	2.3896G	65.98	74.00	-8.02	31.60	3	Vertical	102	3.00	-	34.38	27.44	4.16	-
PK	2.4084G	106.13	Inf	-Inf	31.70	3	Vertical	102	3.00	-	74.43	27.52	4.18	-

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

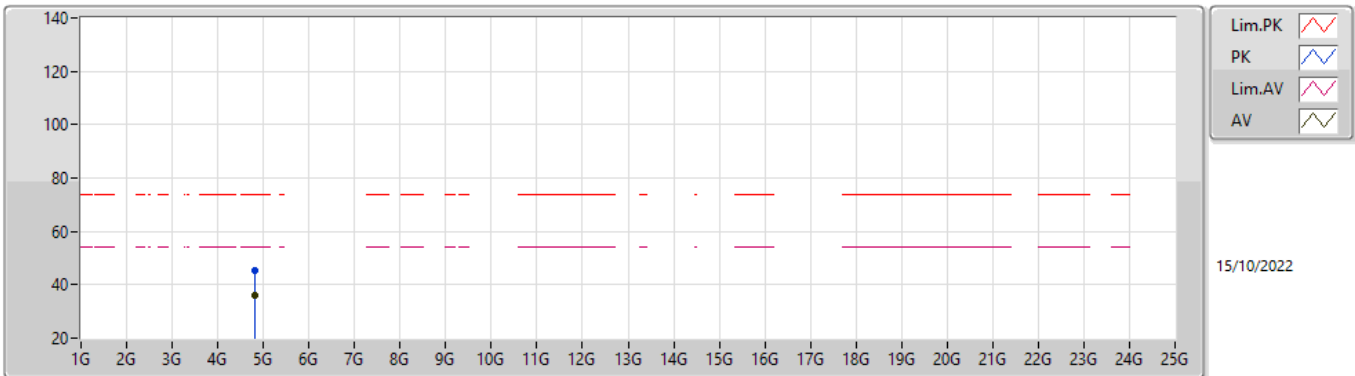
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	53.57	54.00	-0.43	31.60	3	Horizontal	326	1.38	-	21.97	27.44	4.16	-
AV	2.4074G	100.34	Inf	-Inf	31.68	3	Horizontal	326	1.38	-	68.66	27.51	4.17	-
PK	2.3896G	67.10	74.00	-6.90	31.60	3	Horizontal	326	1.38	-	35.50	27.44	4.16	-
PK	2.4084G	107.94	Inf	-Inf	31.70	3	Horizontal	326	1.38	-	76.24	27.52	4.18	-

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

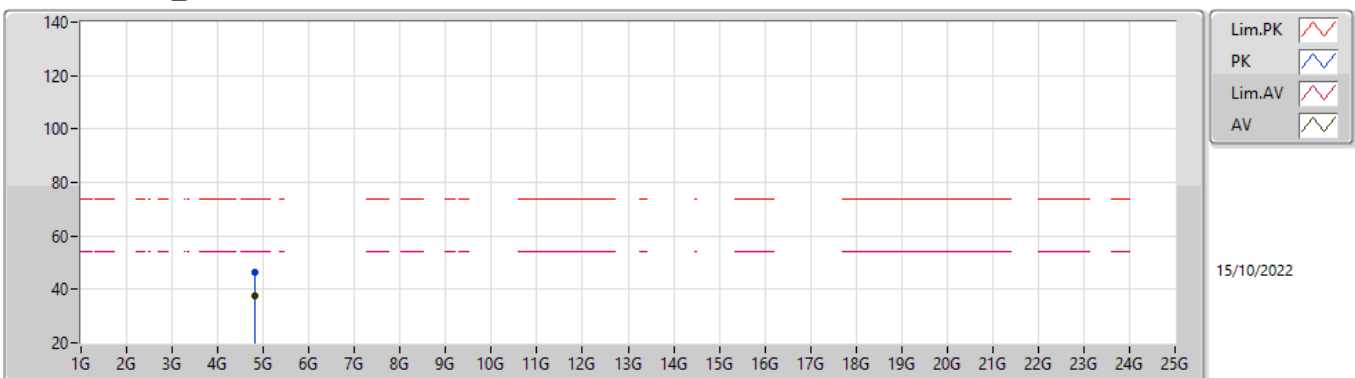
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8252G	36.24	54.00	-17.76	3.49	3	Vertical	95	2.65	-	32.75	32.45	5.69	34.65
PK	4.8246G	45.45	74.00	-28.55	3.48	3	Vertical	95	2.65	-	41.97	32.45	5.68	34.65

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

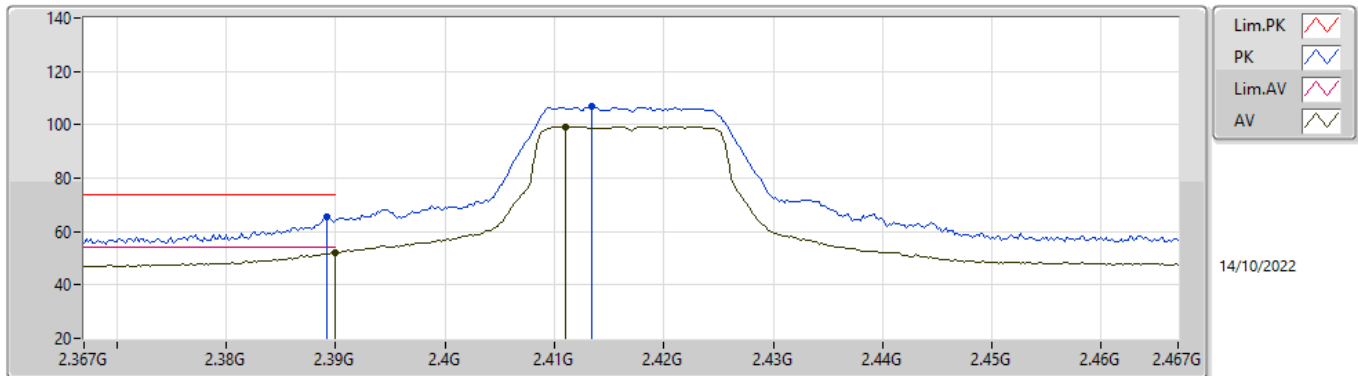
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82496G	37.70	54.00	-16.30	3.48	3	Horizontal	304	1.02	-	34.22	32.45	5.68	34.65
PK	4.81746G	46.62	74.00	-27.38	3.43	3	Horizontal	304	1.02	-	43.19	32.40	5.68	34.65

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

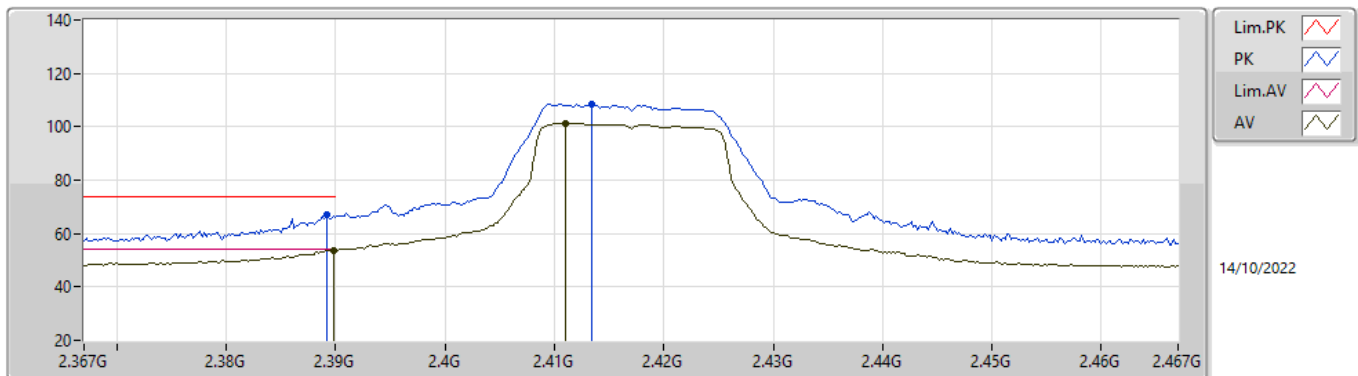
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.11	54.00	-1.89	31.60	3	Vertical	104	3.00	-	20.51	27.44	4.16	-
AV	2.411G	99.36	Inf	-Inf	31.70	3	Vertical	104	3.00	-	67.66	27.52	4.18	-
PK	2.3892G	65.69	74.00	-8.31	31.60	3	Vertical	104	3.00	-	34.09	27.44	4.16	-
PK	2.4134G	106.74	Inf	-Inf	31.71	3	Vertical	104	3.00	-	75.03	27.53	4.18	-

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

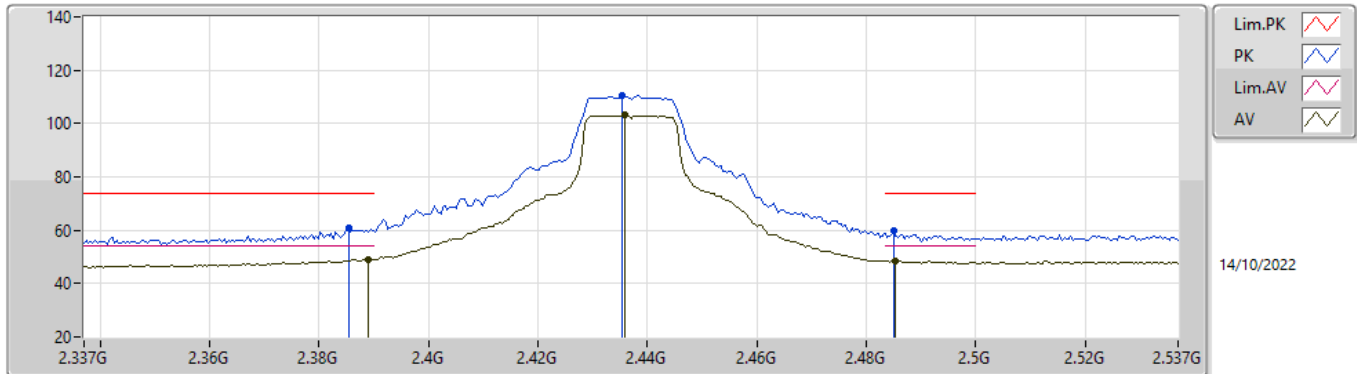
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.69	54.00	-0.31	31.60	3	Horizontal	329	1.19	-	22.09	27.44	4.16	-
AV	2.411G	101.36	Inf	-Inf	31.70	3	Horizontal	329	1.19	-	69.66	27.52	4.18	-
PK	2.3892G	67.30	74.00	-6.70	31.60	3	Horizontal	329	1.19	-	35.70	27.44	4.16	-
PK	2.4134G	108.56	Inf	-Inf	31.71	3	Horizontal	329	1.19	-	76.85	27.53	4.18	-

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

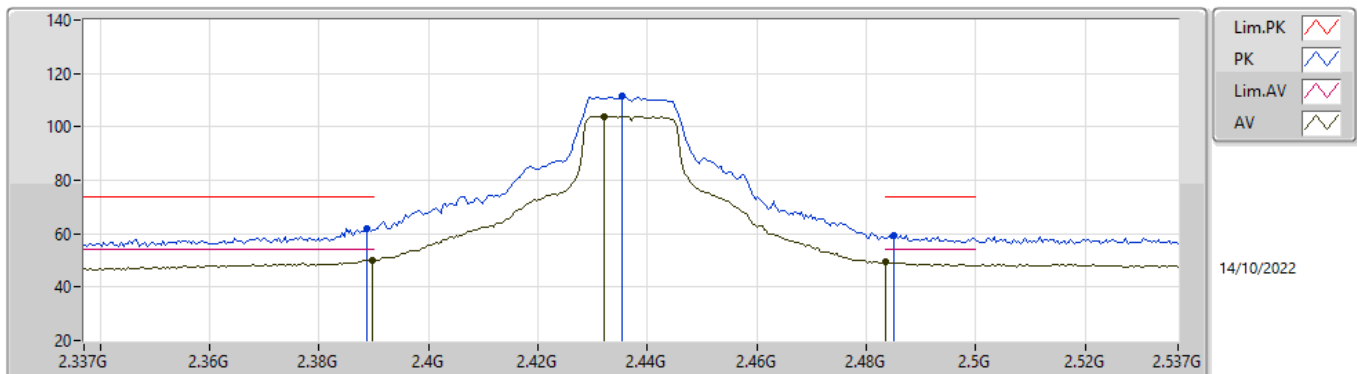
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	49.16	54.00	-4.84	31.59	3	Vertical	94	3.00	-	17.57	27.43	4.16	-
AV	2.4358G	103.06	Inf	-Inf	31.76	3	Vertical	94	3.00	-	71.30	27.57	4.19	-
AV	2.4854G	48.62	54.00	-5.38	32.03	3	Vertical	94	3.00	-	16.59	27.81	4.22	-
PK	2.3854G	60.91	74.00	-13.09	31.57	3	Vertical	94	3.00	-	29.34	27.41	4.16	-
PK	2.4354G	110.44	Inf	-Inf	31.76	3	Vertical	94	3.00	-	78.68	27.57	4.19	-
PK	2.485G	59.67	74.00	-14.33	32.03	3	Vertical	94	3.00	-	27.64	27.81	4.22	-

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

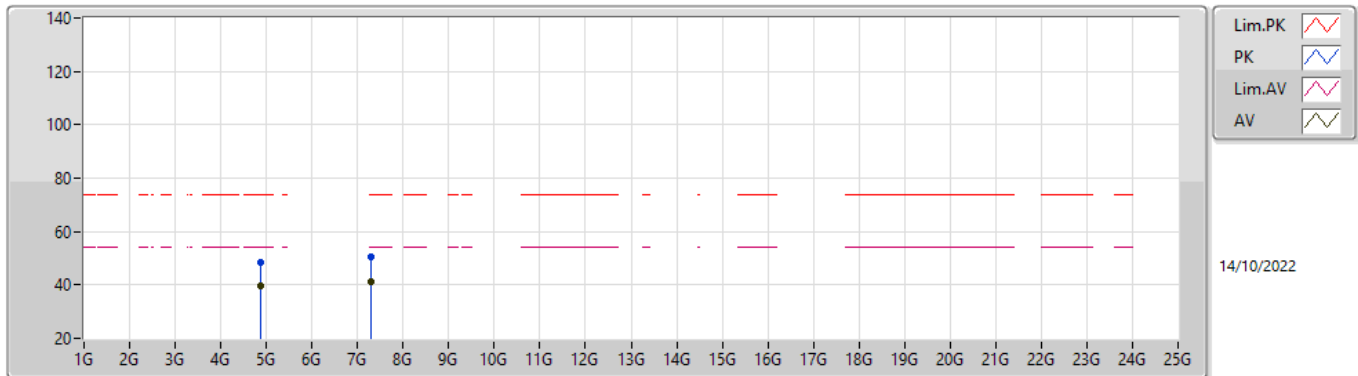
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.15	54.00	-3.85	31.60	3	Horizontal	324	1.33	-	18.55	27.44	4.16	-
AV	2.4322G	104.00	Inf	-Inf	31.75	3	Horizontal	324	1.33	-	72.25	27.56	4.19	-
AV	2.4835G	49.29	54.00	-4.71	32.02	3	Horizontal	324	1.33	-	17.27	27.80	4.22	-
PK	2.3886G	61.98	74.00	-12.02	31.59	3	Horizontal	324	1.33	-	30.39	27.43	4.16	-
PK	2.4354G	111.32	Inf	-Inf	31.76	3	Horizontal	324	1.33	-	79.56	27.57	4.19	-
PK	2.485G	59.46	74.00	-14.54	32.03	3	Horizontal	324	1.33	-	27.43	27.81	4.22	-

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

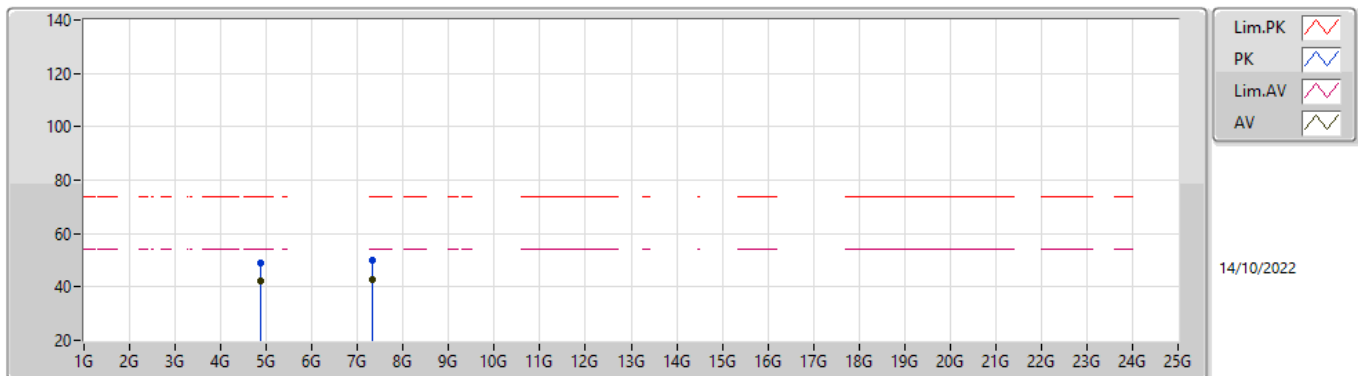
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87502G	39.66	54.00	-14.34	3.77	3	Vertical	96	2.41	-	35.89	32.70	5.72	34.65
AV	7.3089G	41.39	54.00	-12.61	8.79	3	Vertical	186	2.47	-	32.60	36.75	6.82	34.78
PK	4.87478G	48.61	74.00	-25.39	3.76	3	Vertical	96	2.41	-	44.85	32.70	5.71	34.65
PK	7.30584G	50.28	74.00	-23.72	8.80	3	Vertical	186	2.47	-	41.48	36.76	6.82	34.78

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

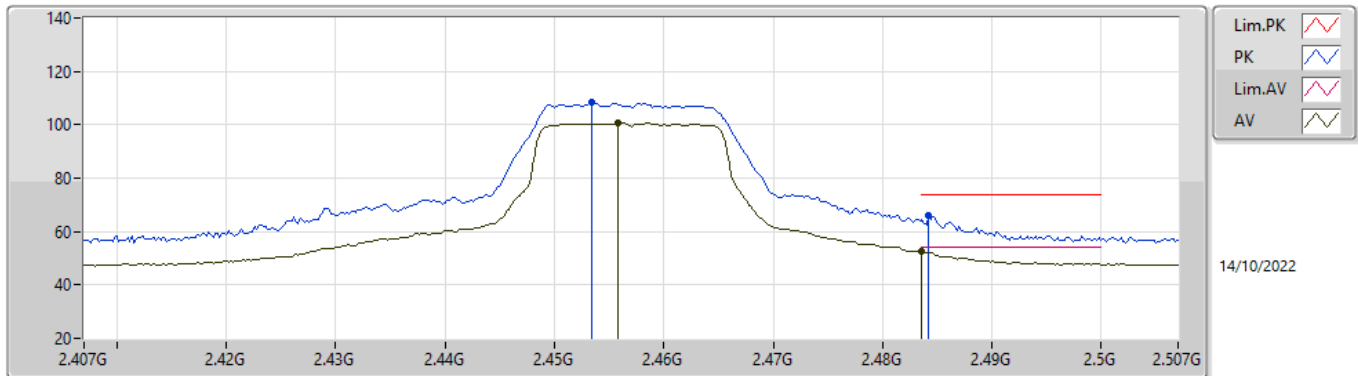
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87502G	42.06	54.00	-11.94	3.77	3	Horizontal	309	1.06	-	38.29	32.70	5.72	34.65
AV	7.3137G	42.57	54.00	-11.43	8.76	3	Horizontal	82	1.03	-	33.81	36.72	6.82	34.78
PK	4.87508G	48.74	74.00	-25.26	3.77	3	Horizontal	309	1.06	-	44.97	32.70	5.72	34.65
PK	7.31244G	49.86	74.00	-24.14	8.77	3	Horizontal	82	1.03	-	41.09	36.73	6.82	34.78

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

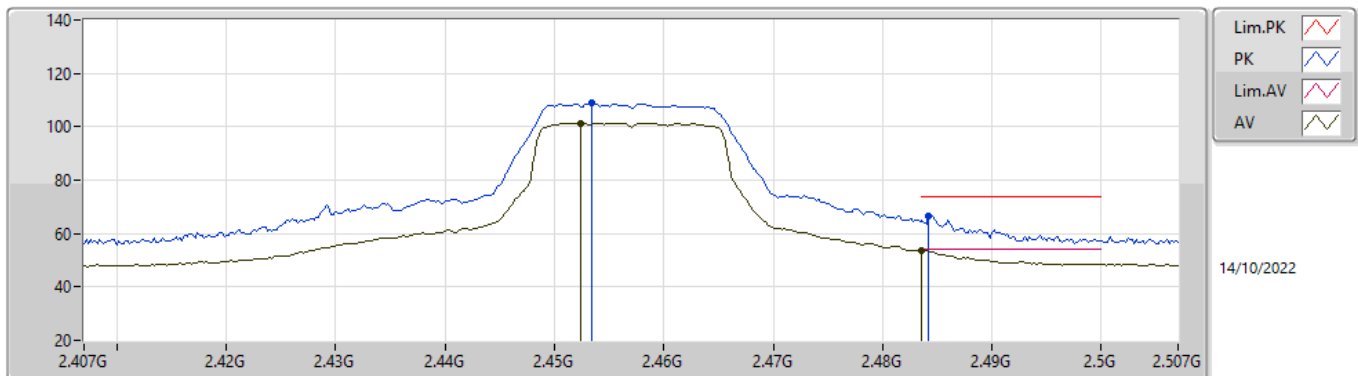
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4558G	100.58	Inf	-Inf	31.83	3	Vertical	98	3.00	-	68.75	27.63	4.20	-
AV	2.4835G	52.53	54.00	-1.47	32.02	3	Vertical	98	3.00	-	20.51	27.80	4.22	-
PK	2.4534G	108.19	Inf	-Inf	31.82	3	Vertical	98	3.00	-	76.37	27.62	4.20	-
PK	2.4842G	65.78	74.00	-8.22	32.03	3	Vertical	98	3.00	-	33.75	27.81	4.22	-

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

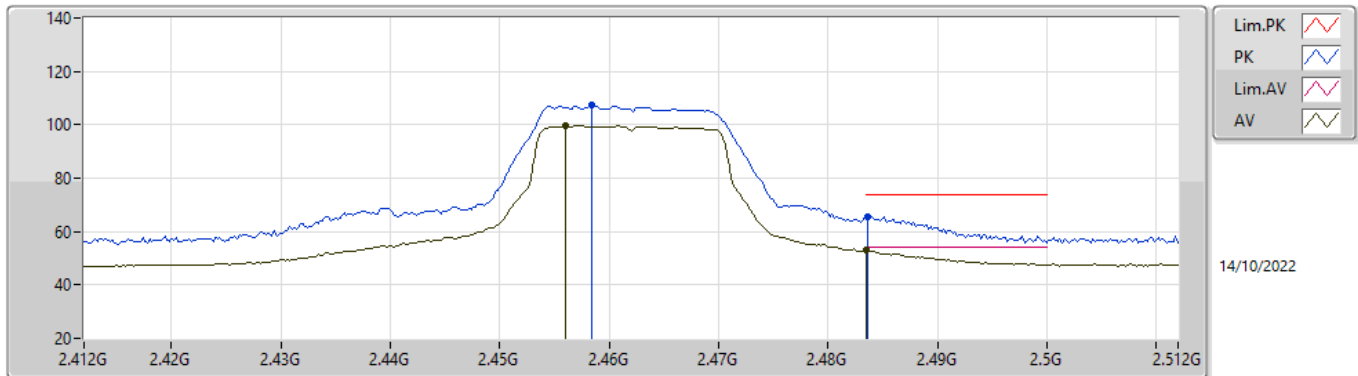
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4524G	101.38	Inf	-Inf	31.81	3	Horizontal	324	1.30	-	69.57	27.61	4.20	-
AV	2.4835G	53.39	54.00	-0.61	32.02	3	Horizontal	324	1.30	-	21.37	27.80	4.22	-
PK	2.4534G	109.01	Inf	-Inf	31.82	3	Horizontal	324	1.30	-	77.19	27.62	4.20	-
PK	2.4842G	66.35	74.00	-7.65	32.03	3	Horizontal	324	1.30	-	34.32	27.81	4.22	-

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

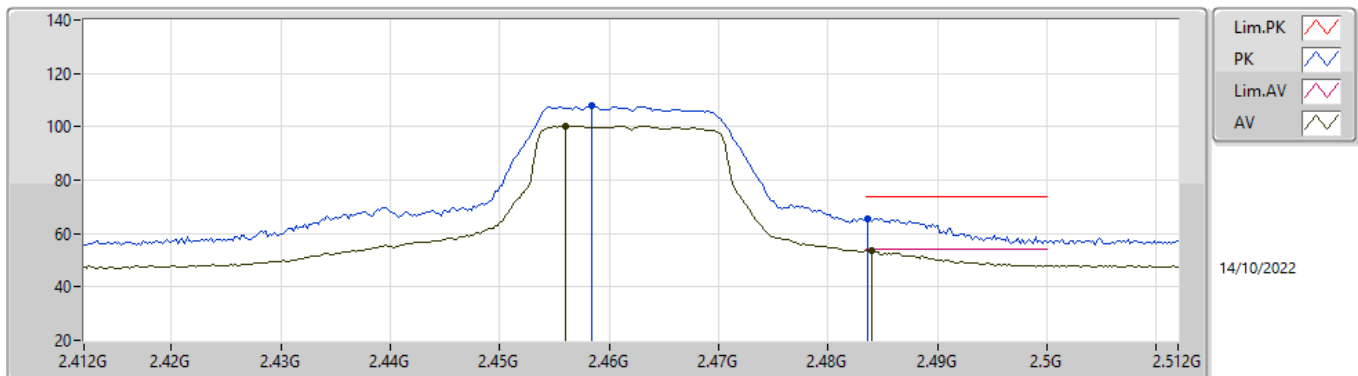
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.456G	99.62	Inf	-Inf	31.84	3	Vertical	98	3.00	-	67.78	27.64	4.20	-
AV	2.4835G	52.90	54.00	-1.10	32.02	3	Vertical	98	3.00	-	20.88	27.80	4.22	-
PK	2.4584G	107.22	Inf	-Inf	31.86	3	Vertical	98	3.00	-	75.36	27.65	4.21	-
PK	2.4836G	65.55	74.00	-8.45	32.02	3	Vertical	98	3.00	-	33.53	27.80	4.22	-

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

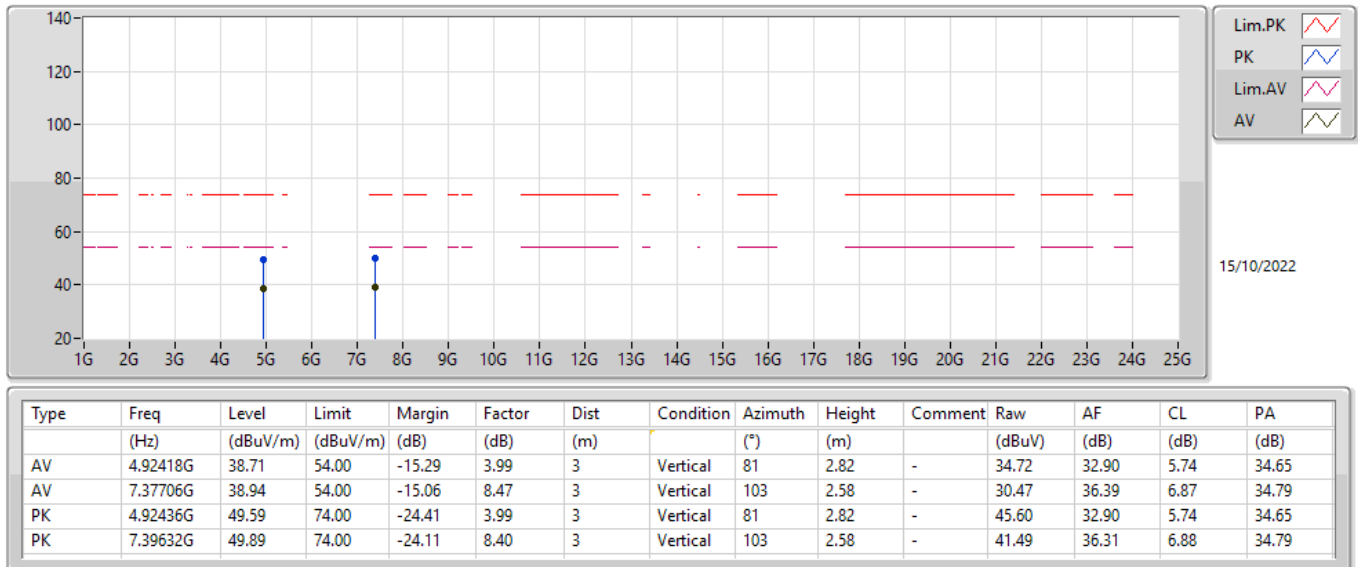
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.456G	100.22	Inf	-Inf	31.84	3	Horizontal	324	1.30	-	68.38	27.64	4.20	-
AV	2.484G	53.64	54.00	-0.36	32.02	3	Horizontal	324	1.30	-	21.62	27.80	4.22	-
PK	2.4584G	107.87	Inf	-Inf	31.86	3	Horizontal	324	1.30	-	76.01	27.65	4.21	-
PK	2.4836G	65.68	74.00	-8.32	32.02	3	Horizontal	324	1.30	-	33.66	27.80	4.22	-

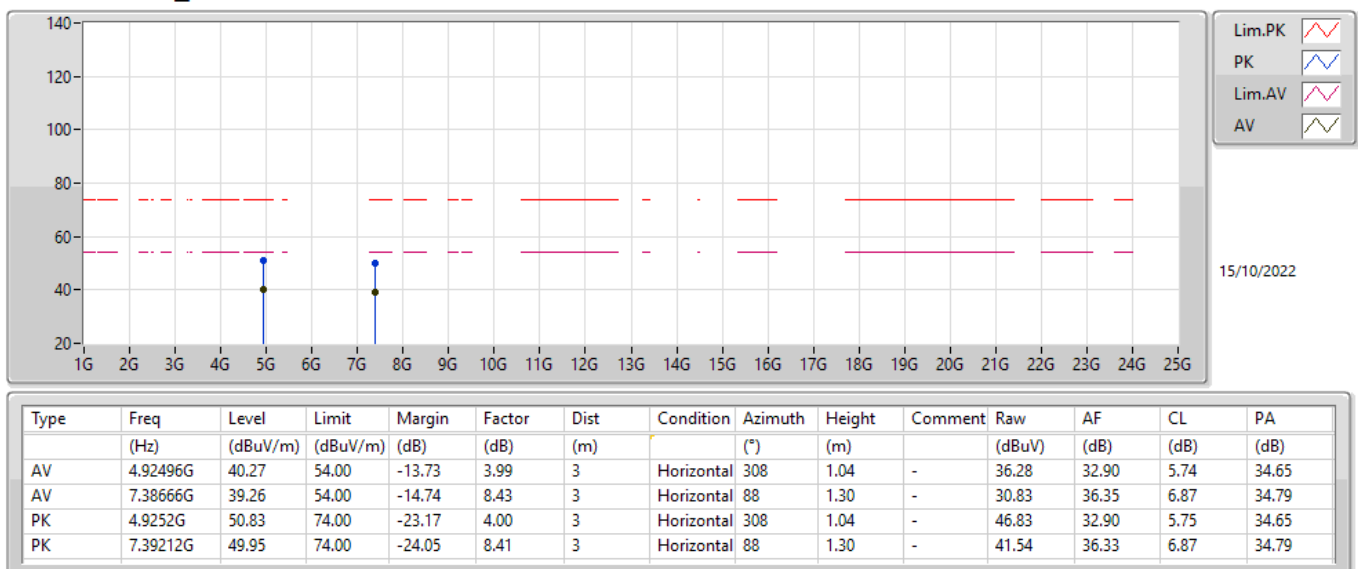
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



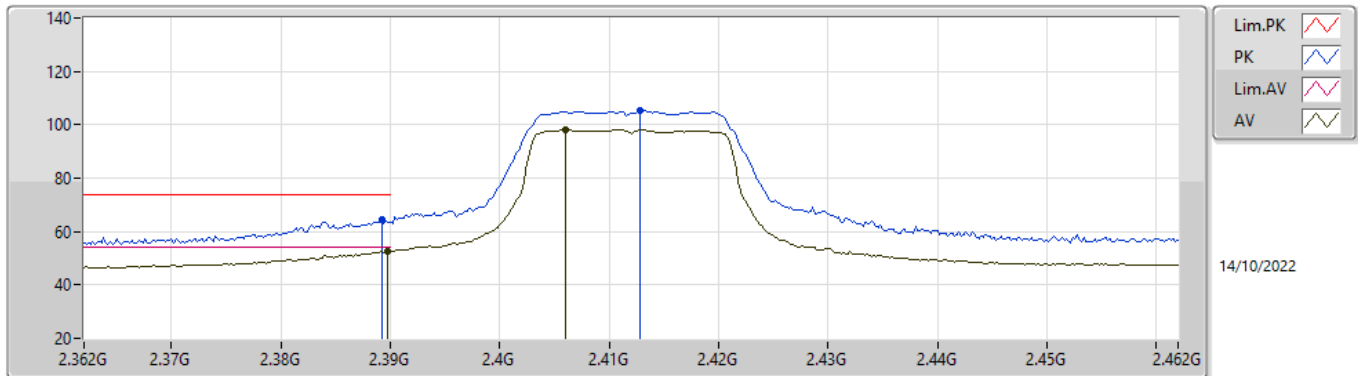
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



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

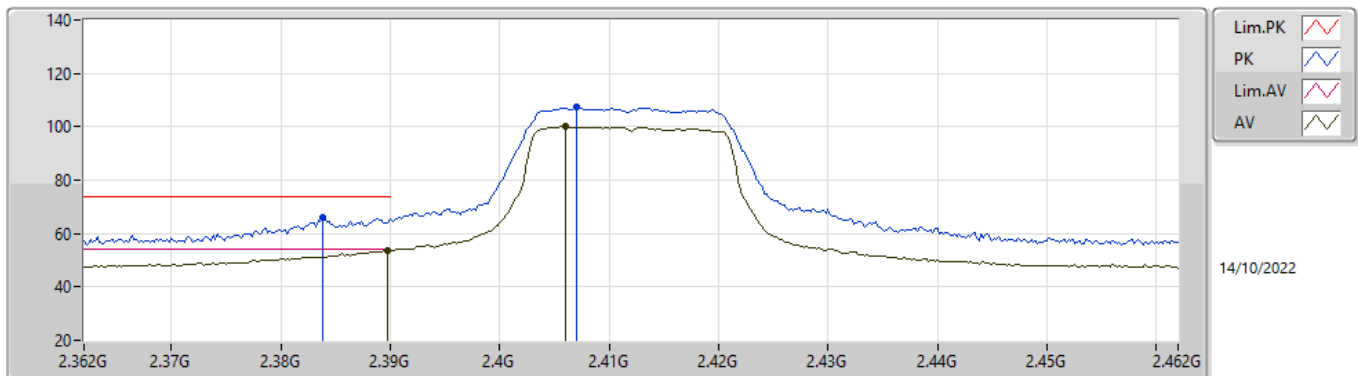
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.78	54.00	-1.22	31.60	3	Vertical	102	3.00	-	21.18	27.44	4.16	-
AV	2.406G	98.14	Inf	-Inf	31.68	3	Vertical	102	3.00	-	66.46	27.51	4.17	-
PK	2.3892G	64.54	74.00	-9.46	31.60	3	Vertical	102	3.00	-	32.94	27.44	4.16	-
PK	2.4128G	105.13	Inf	-Inf	31.71	3	Vertical	102	3.00	-	73.42	27.53	4.18	-

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

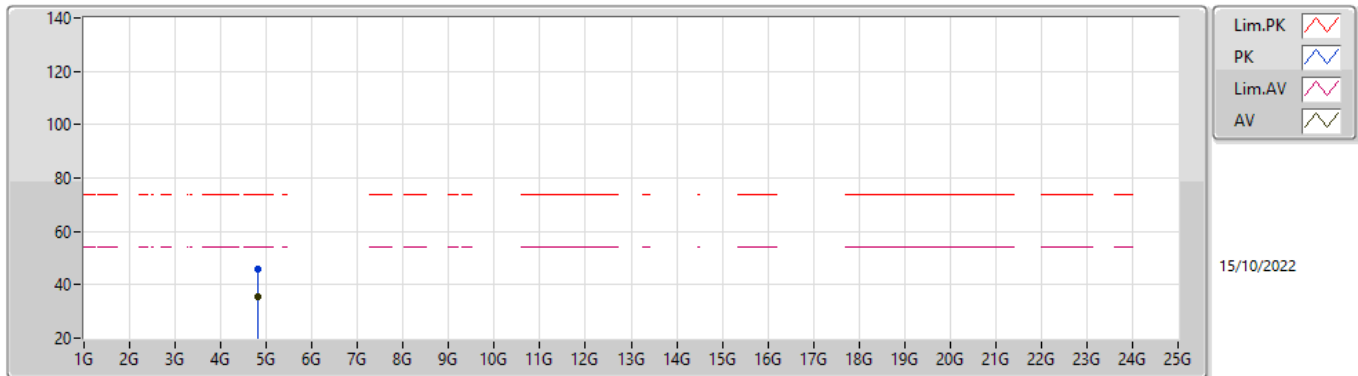
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.76	54.00	-0.24	31.60	3	Horizontal	326	1.37	-	22.16	27.44	4.16	-
AV	2.406G	100.27	Inf	-Inf	31.68	3	Horizontal	326	1.37	-	68.59	27.51	4.17	-
PK	2.3838G	65.99	74.00	-8.01	31.55	3	Horizontal	326	1.37	-	34.44	27.40	4.15	-
PK	2.407G	107.17	Inf	-Inf	31.68	3	Horizontal	326	1.37	-	75.49	27.51	4.17	-

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

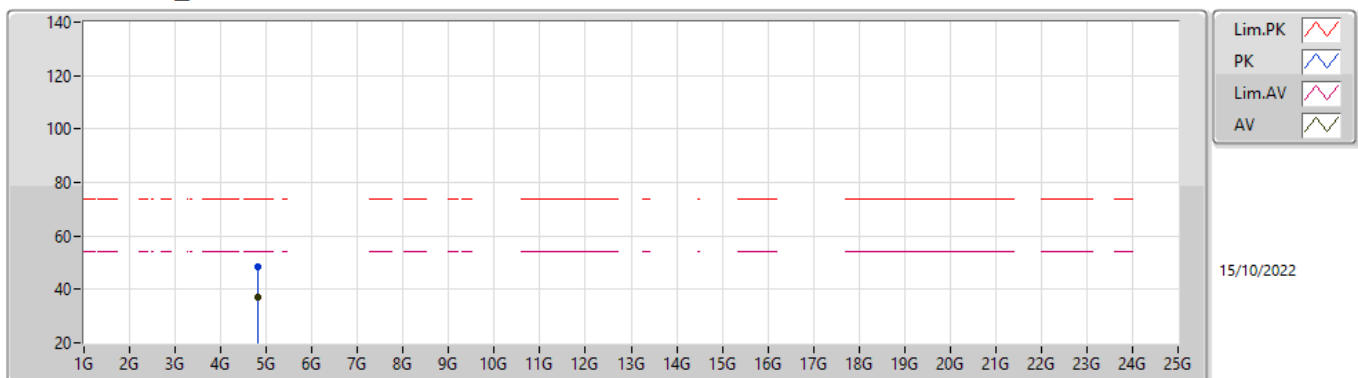
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82628G	35.28	54.00	-18.72	3.50	3	Vertical	55	2.57	-	31.78	32.46	5.69	34.65
PK	4.82514G	45.76	74.00	-28.24	3.49	3	Vertical	55	2.57	-	42.27	32.45	5.69	34.65

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

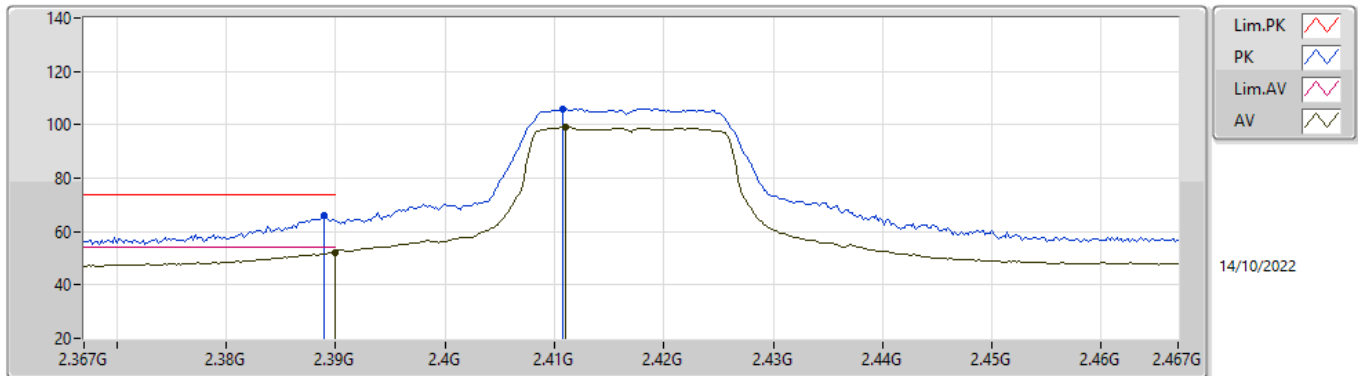
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82352G	37.27	54.00	-16.73	3.47	3	Horizontal	310	1.02	-	33.80	32.44	5.68	34.65
PK	4.82268G	48.48	74.00	-25.52	3.47	3	Horizontal	310	1.02	-	45.01	32.44	5.68	34.65

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

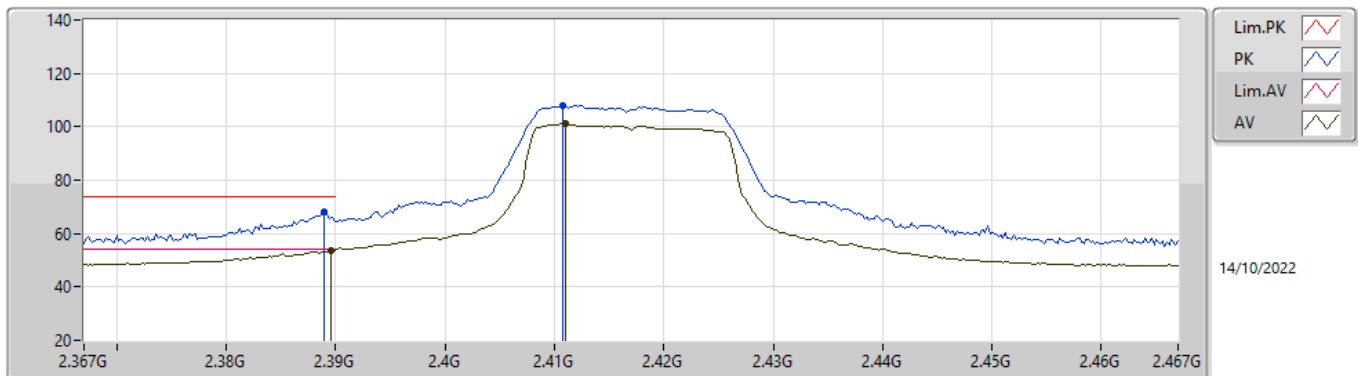
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.21	54.00	-1.79	31.60	3	Vertical	103	3.00	-	20.61	27.44	4.16	-
AV	2.411G	99.11	Inf	-Inf	31.70	3	Vertical	103	3.00	-	67.41	27.52	4.18	-
PK	2.389G	66.13	74.00	-7.87	31.59	3	Vertical	103	3.00	-	34.54	27.43	4.16	-
PK	2.4108G	105.92	Inf	-Inf	31.70	3	Vertical	103	3.00	-	74.22	27.52	4.18	-

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

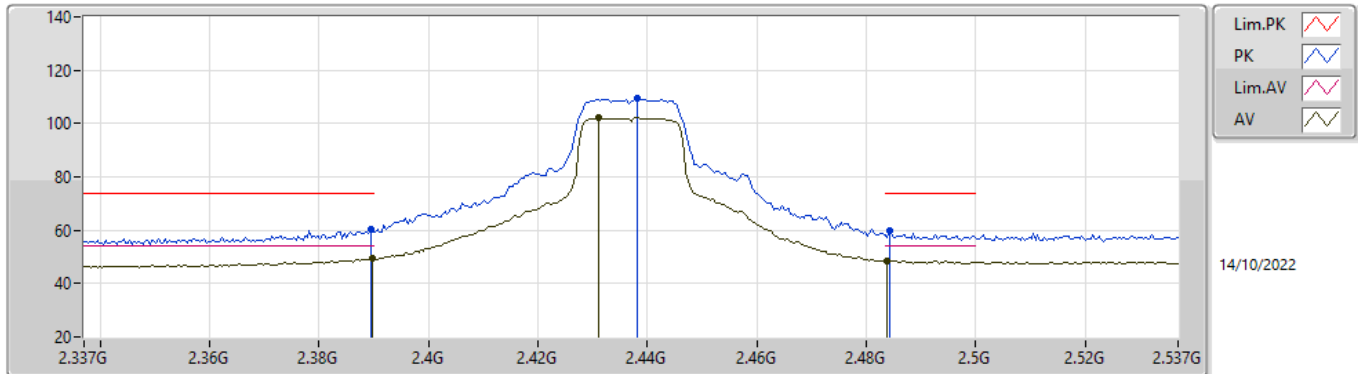
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	53.56	54.00	-0.44	31.60	3	Horizontal	329	1.18	-	21.96	27.44	4.16	-
AV	2.411G	101.12	Inf	-Inf	31.70	3	Horizontal	329	1.18	-	69.42	27.52	4.18	-
PK	2.389G	67.96	74.00	-6.04	31.59	3	Horizontal	329	1.18	-	36.37	27.43	4.16	-
PK	2.4108G	107.90	Inf	-Inf	31.70	3	Horizontal	329	1.18	-	76.20	27.52	4.18	-

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

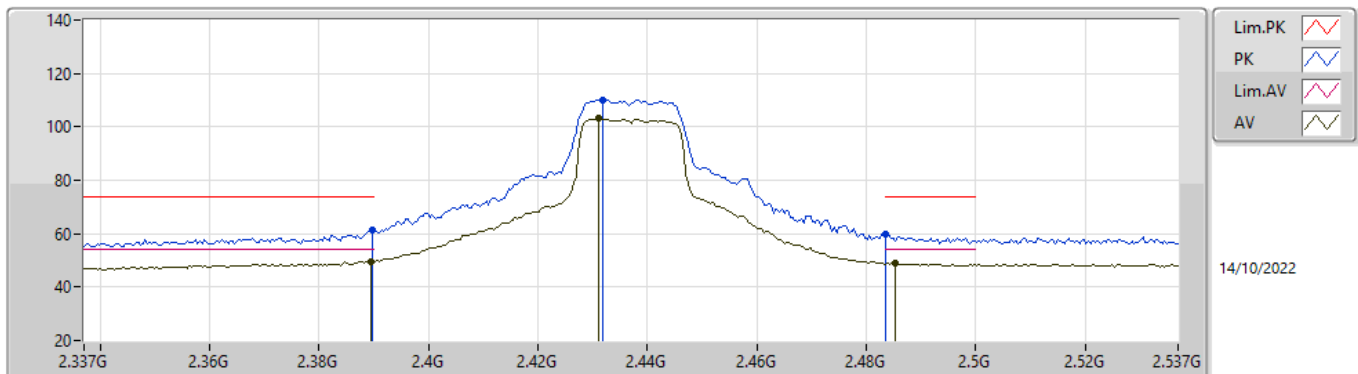
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.30	54.00	-4.70	31.60	3	Vertical	95	3.00	-	17.70	27.44	4.16	-
AV	2.431G	102.19	Inf	-Inf	31.75	3	Vertical	95	3.00	-	70.44	27.56	4.19	-
AV	2.4838G	48.63	54.00	-5.37	32.02	3	Vertical	95	3.00	-	16.61	27.80	4.22	-
PK	2.3894G	60.17	74.00	-13.83	31.60	3	Vertical	95	3.00	-	28.57	27.44	4.16	-
PK	2.4382G	109.33	Inf	-Inf	31.77	3	Vertical	95	3.00	-	77.56	27.58	4.19	-
PK	2.4842G	59.85	74.00	-14.15	32.03	3	Vertical	95	3.00	-	27.82	27.81	4.22	-

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

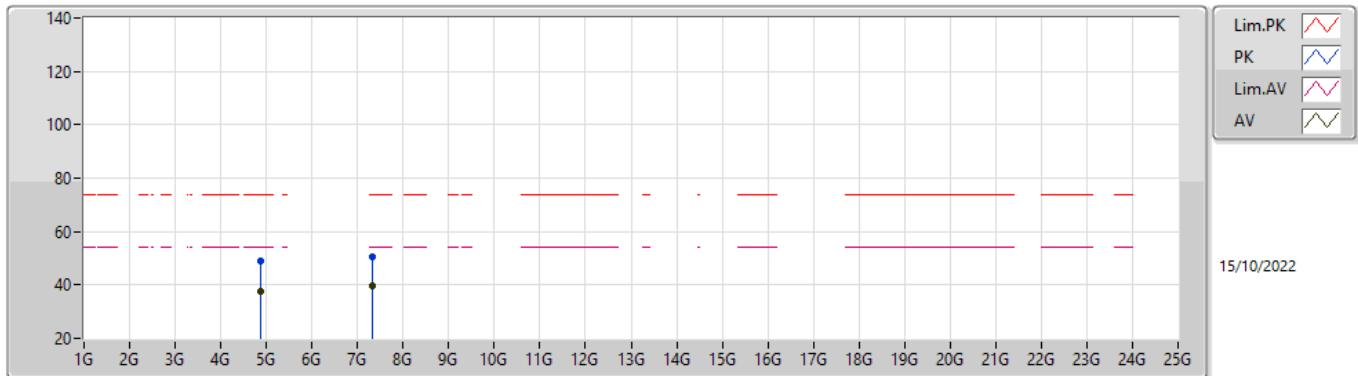
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	49.71	54.00	-4.29	31.60	3	Horizontal	324	1.32	-	18.11	27.44	4.16	-
AV	2.431G	103.23	Inf	-Inf	31.75	3	Horizontal	324	1.32	-	71.48	27.56	4.19	-
AV	2.4854G	48.91	54.00	-5.09	32.03	3	Horizontal	324	1.32	-	16.88	27.81	4.22	-
PK	2.3898G	61.31	74.00	-12.69	31.60	3	Horizontal	324	1.32	-	29.71	27.44	4.16	-
PK	2.4318G	110.08	Inf	-Inf	31.75	3	Horizontal	324	1.32	-	78.33	27.56	4.19	-
PK	2.4835G	59.57	74.00	-14.43	32.02	3	Horizontal	324	1.32	-	27.55	27.80	4.22	-

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

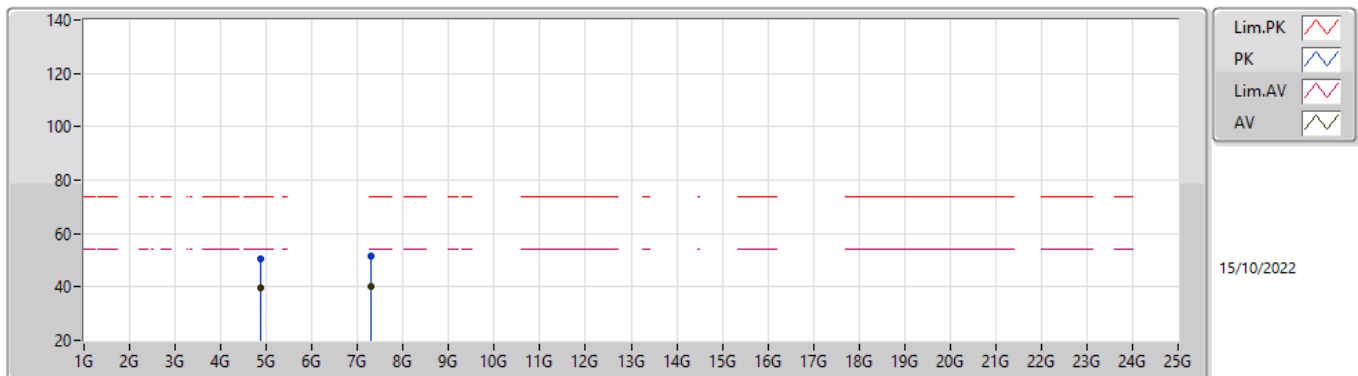
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87292G	37.83	54.00	-16.17	3.75	3	Vertical	99	2.46	-	34.08	32.69	5.71	34.65
AV	7.31364G	39.66	54.00	-14.34	8.76	3	Vertical	37	1.07	-	30.90	36.72	6.82	34.78
PK	4.8692G	48.90	74.00	-25.10	3.74	3	Vertical	99	2.46	-	45.16	32.68	5.71	34.65
PK	7.31574G	50.46	74.00	-23.54	8.76	3	Vertical	37	1.07	-	41.70	36.71	6.83	34.78

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

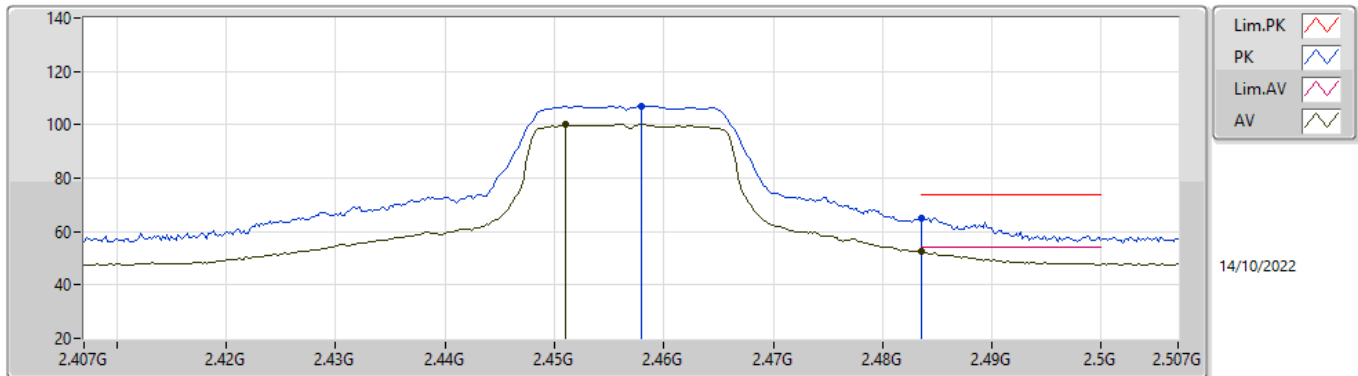
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8752G	39.72	54.00	-14.28	3.77	3	Horizontal	306	1.06	-	35.95	32.70	5.72	34.65
AV	7.3077G	40.29	54.00	-13.71	8.79	3	Horizontal	86	1.11	-	31.50	36.75	6.82	34.78
PK	4.87406G	50.77	74.00	-23.23	3.76	3	Horizontal	306	1.06	-	47.01	32.70	5.71	34.65
PK	7.30158G	51.46	74.00	-22.54	8.83	3	Horizontal	86	1.11	-	42.63	36.79	6.82	34.78

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

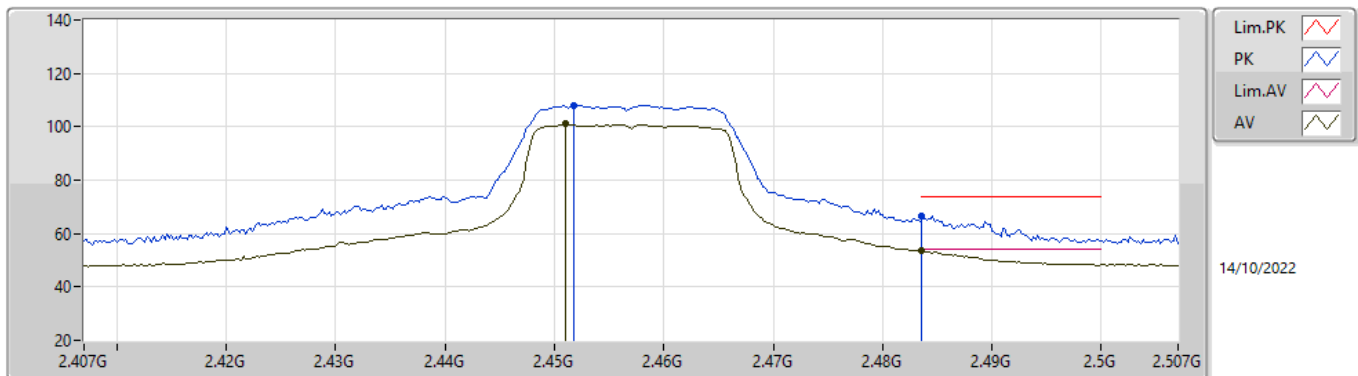
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.451G	100.03	Inf	-Inf	31.81	3	Vertical	98	3.00	-	68.22	27.61	4.20	-
AV	2.4836G	52.50	54.00	-1.50	32.02	3	Vertical	98	3.00	-	20.48	27.80	4.22	-
PK	2.458G	107.15	Inf	-Inf	31.85	3	Vertical	98	3.00	-	75.30	27.65	4.20	-
PK	2.4835G	65.12	74.00	-8.88	32.02	3	Vertical	98	3.00	-	33.10	27.80	4.22	-

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

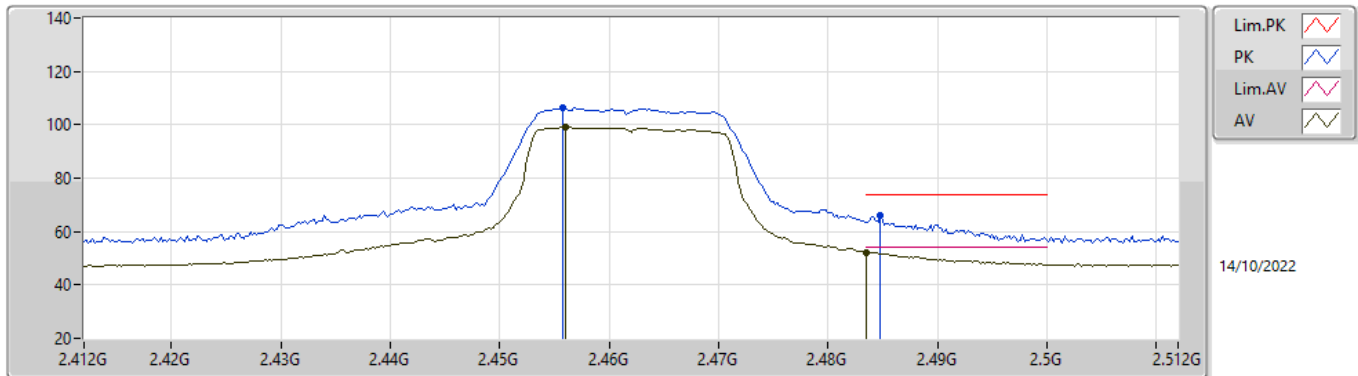
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.451G	100.96	Inf	-Inf	31.81	3	Horizontal	324	1.29	-	69.15	27.61	4.20	-
AV	2.4836G	53.61	54.00	-0.39	32.02	3	Horizontal	324	1.29	-	21.59	27.80	4.22	-
PK	2.4518G	107.91	Inf	-Inf	31.81	3	Horizontal	324	1.29	-	76.10	27.61	4.20	-
PK	2.4836G	66.65	74.00	-7.35	32.02	3	Horizontal	324	1.29	-	34.63	27.80	4.22	-

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

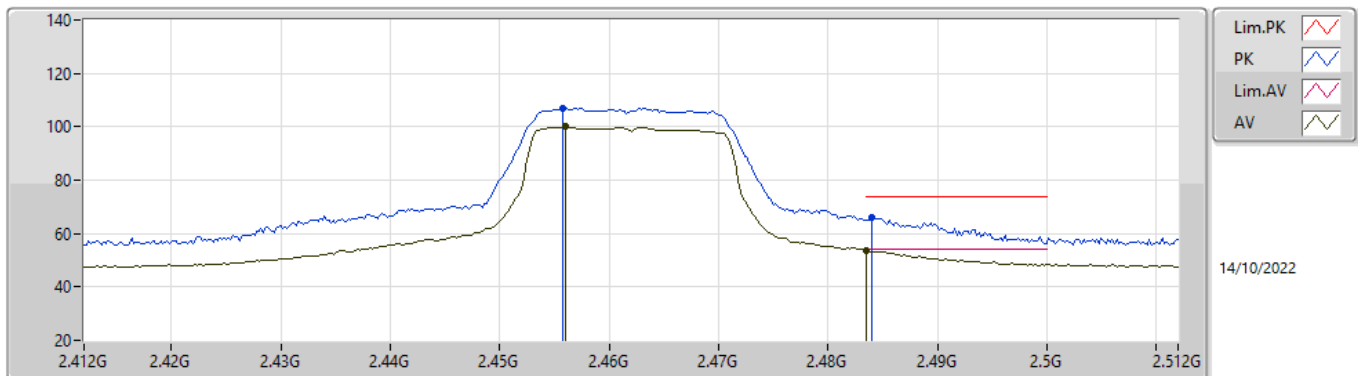
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.456G	99.33	Inf	-Inf	31.84	3	Vertical	96	3.00	-	67.49	27.64	4.20	-
AV	2.4835G	52.28	54.00	-1.72	32.02	3	Vertical	96	3.00	-	20.26	27.80	4.22	-
PK	2.4558G	106.16	Inf	-Inf	31.83	3	Vertical	96	3.00	-	74.33	27.63	4.20	-
PK	2.4848G	65.94	74.00	-8.06	32.03	3	Vertical	96	3.00	-	33.91	27.81	4.22	-

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

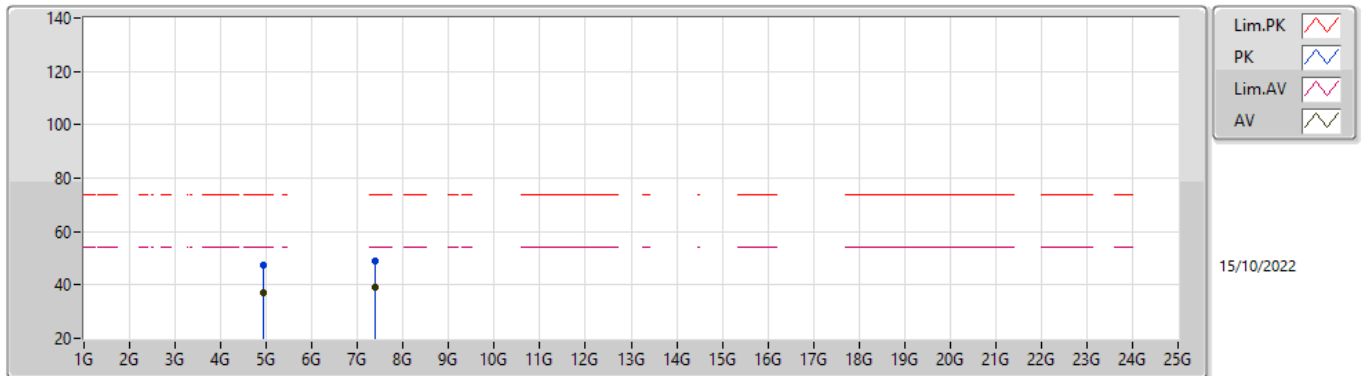
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.456G	100.01	Inf	-Inf	31.84	3	Horizontal	324	1.30	-	68.17	27.64	4.20	-
AV	2.4835G	53.46	54.00	-0.54	32.02	3	Horizontal	324	1.30	-	21.44	27.80	4.22	-
PK	2.4558G	106.83	Inf	-Inf	31.83	3	Horizontal	324	1.30	-	75.00	27.63	4.20	-
PK	2.484G	66.14	74.00	-7.86	32.02	3	Horizontal	324	1.30	-	34.12	27.80	4.22	-

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

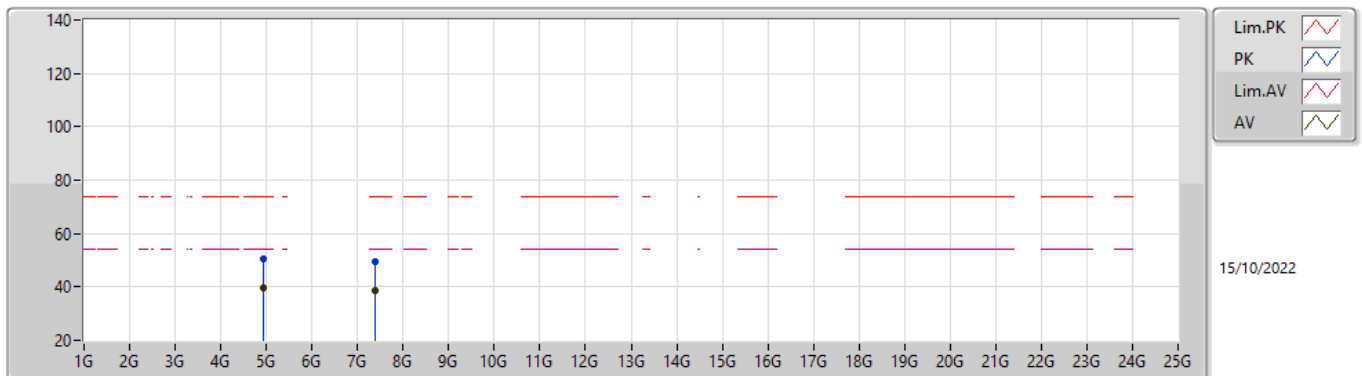
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92094G	37.05	54.00	-16.95	3.97	3	Vertical	101	1.02	-	33.08	32.88	5.74	34.65
AV	7.39296G	38.88	54.00	-15.12	8.42	3	Vertical	188	1.50	-	30.46	36.33	6.88	34.79
PK	4.92268G	47.49	74.00	-26.51	3.98	3	Vertical	101	1.02	-	43.51	32.89	5.74	34.65
PK	7.39404G	49.17	74.00	-24.83	8.41	3	Vertical	188	1.50	-	40.76	36.32	6.88	34.79

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

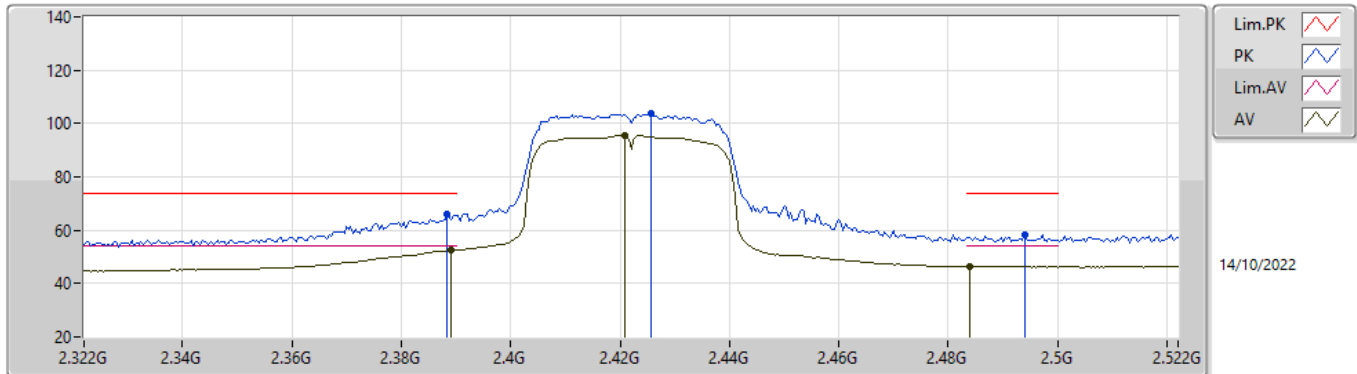
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92508G	39.64	54.00	-14.36	4.00	3	Horizontal	306	1.02	-	35.64	32.90	5.75	34.65
AV	7.38078G	38.75	54.00	-15.25	8.46	3	Horizontal	27	1.50	-	30.29	36.38	6.87	34.79
PK	4.9234G	50.62	74.00	-23.38	3.98	3	Horizontal	306	1.02	-	46.64	32.89	5.74	34.65
PK	7.39428G	49.53	74.00	-24.47	8.41	3	Horizontal	27	1.50	-	41.12	36.32	6.88	34.79

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

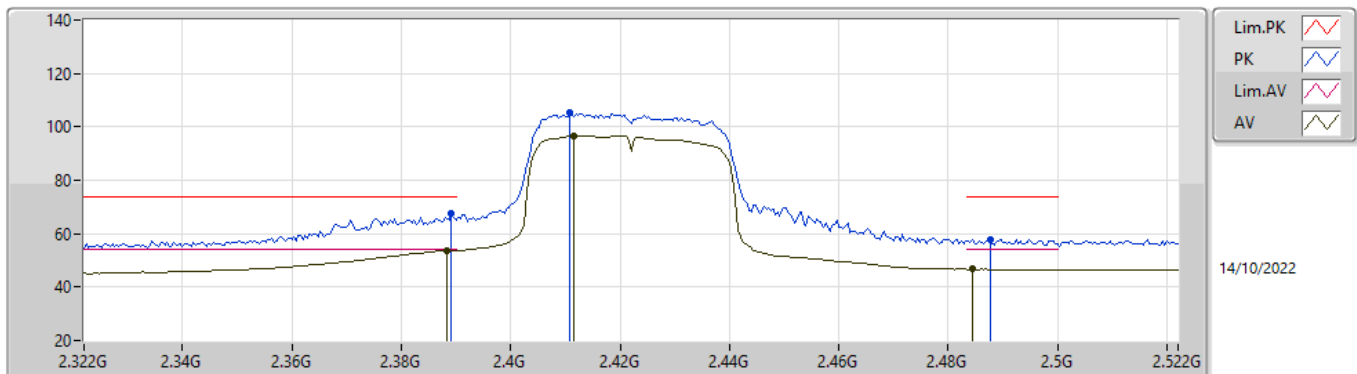
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	52.43	54.00	-1.57	31.60	3	Vertical	90	3.00	-	20.83	27.44	4.16	-
AV	2.4208G	95.52	Inf	-Inf	31.72	3	Vertical	90	3.00	-	63.80	27.54	4.18	-
AV	2.484G	46.37	54.00	-7.63	32.02	3	Vertical	90	3.00	-	14.35	27.80	4.22	-
PK	2.3884G	65.85	74.00	-8.15	31.59	3	Vertical	90	3.00	-	34.26	27.43	4.16	-
PK	2.4256G	103.83	Inf	-Inf	31.74	3	Vertical	90	3.00	-	72.09	27.55	4.19	-
PK	2.494G	58.53	74.00	-15.47	32.09	3	Vertical	90	3.00	-	26.44	27.86	4.23	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

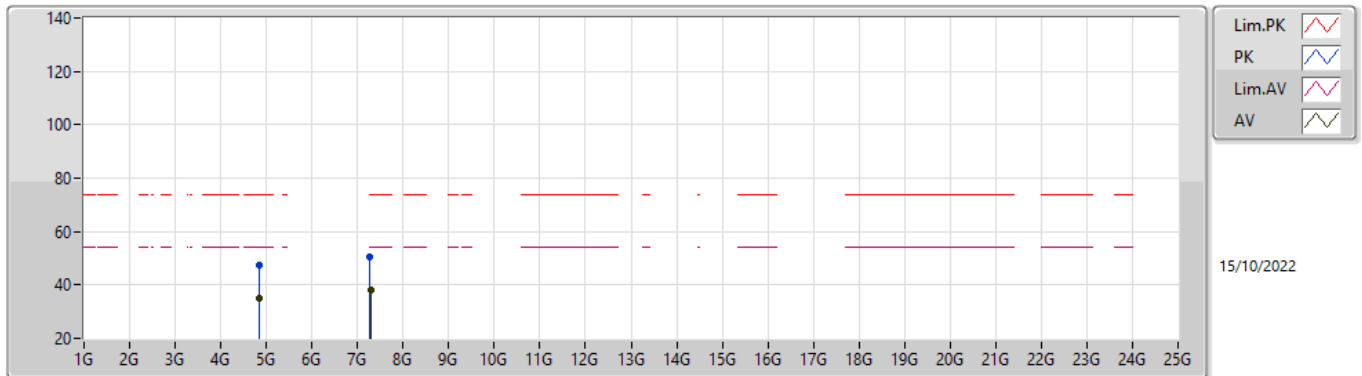
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3884G	53.71	54.00	-0.29	31.59	3	Horizontal	325	1.41	-	22.12	27.43	4.16	-
AV	2.4116G	96.64	Inf	-Inf	31.70	3	Horizontal	325	1.41	-	64.94	27.52	4.18	-
AV	2.4844G	46.66	54.00	-7.34	32.03	3	Horizontal	325	1.41	-	14.63	27.81	4.22	-
PK	2.3892G	67.44	74.00	-6.56	31.60	3	Horizontal	325	1.41	-	35.84	27.44	4.16	-
PK	2.4108G	105.47	Inf	-Inf	31.70	3	Horizontal	325	1.41	-	73.77	27.52	4.18	-
PK	2.4876G	57.91	74.00	-16.09	32.05	3	Horizontal	325	1.41	-	25.86	27.83	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

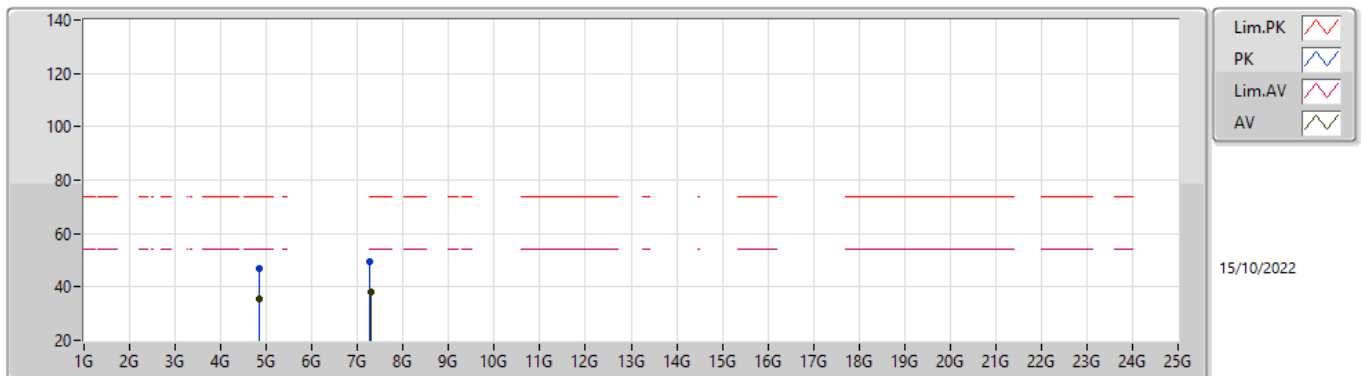
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84256G	35.03	54.00	-18.97	3.61	3	Vertical	283	2.94	-	31.42	32.56	5.70	34.65
AV	7.28064G	38.05	54.00	-15.95	8.83	3	Vertical	64	1.50	-	29.22	36.80	6.80	34.77
PK	4.8344G	47.22	74.00	-26.78	3.55	3	Vertical	283	2.94	-	43.67	32.51	5.69	34.65
PK	7.25832G	50.42	74.00	-23.58	8.82	3	Vertical	64	1.50	-	41.60	36.80	6.79	34.77

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

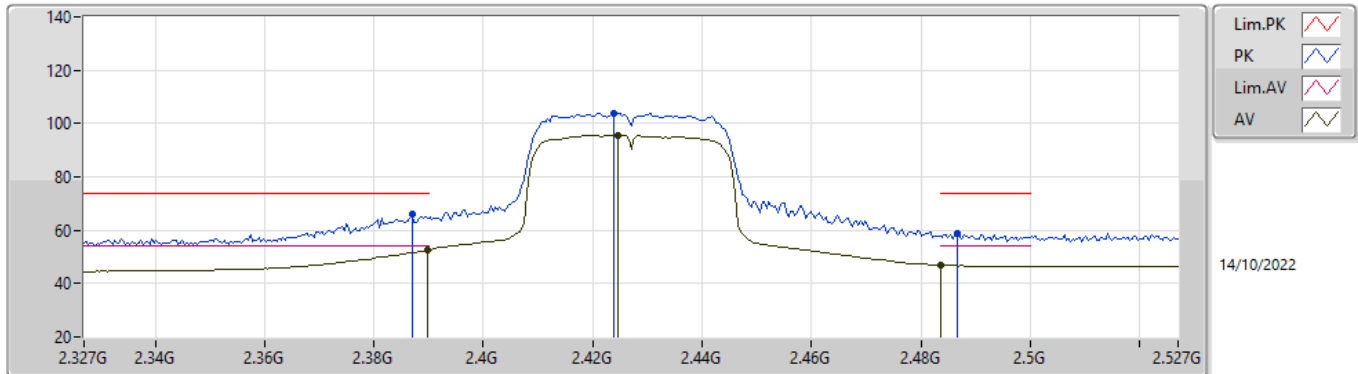
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84244G	35.36	54.00	-18.64	3.60	3	Horizontal	310	1.00	-	31.76	32.55	5.70	34.65
AV	7.28604G	38.07	54.00	-15.93	8.84	3	Horizontal	123	2.34	-	29.23	36.80	6.81	34.77
PK	4.83716G	46.99	74.00	-27.01	3.56	3	Horizontal	310	1.00	-	43.43	32.52	5.69	34.65
PK	7.25412G	49.50	74.00	-24.50	8.82	3	Horizontal	123	2.34	-	40.68	36.80	6.79	34.77

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

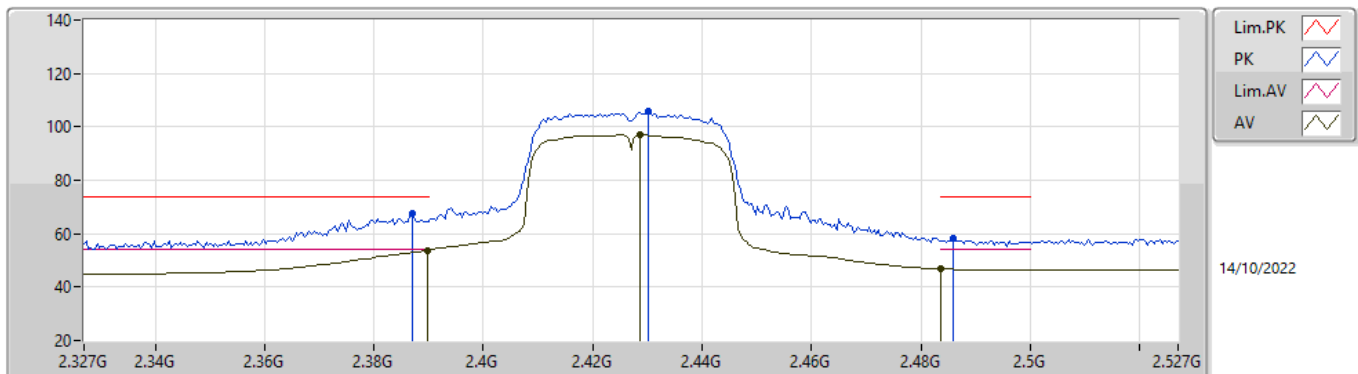
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	52.58	54.00	-1.42	31.60	3	Vertical	108	3.00	-	20.98	27.44	4.16	-
AV	2.4246G	95.58	Inf	-Inf	31.73	3	Vertical	108	3.00	-	63.85	27.55	4.18	-
AV	2.4835G	46.99	54.00	-7.01	32.02	3	Vertical	108	3.00	-	14.97	27.80	4.22	-
PK	2.387G	66.16	74.00	-7.84	31.58	3	Vertical	108	3.00	-	34.58	27.42	4.16	-
PK	2.4238G	103.74	Inf	-Inf	31.73	3	Vertical	108	3.00	-	72.01	27.55	4.18	-
PK	2.4866G	58.60	74.00	-15.40	32.04	3	Vertical	108	3.00	-	26.56	27.82	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

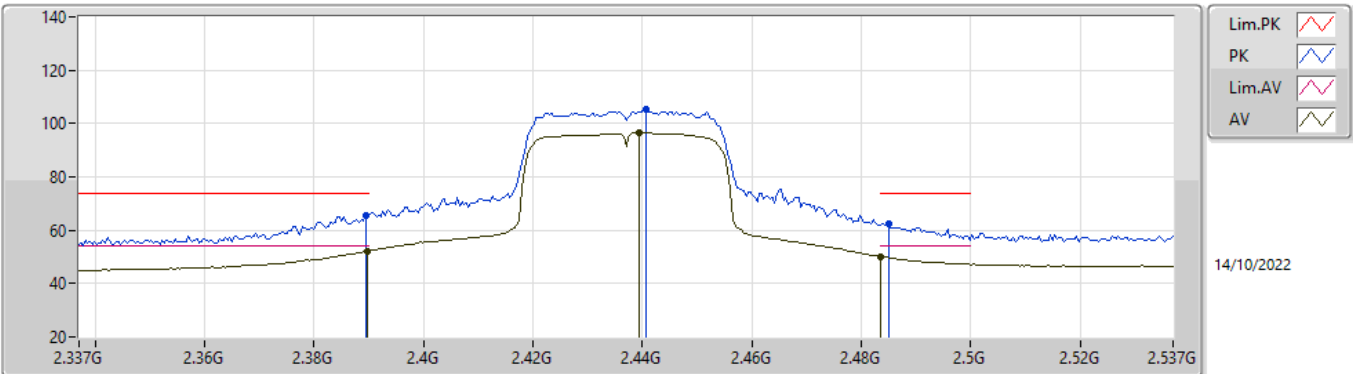
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	53.84	54.00	-0.16	31.60	3	Horizontal	324	2.73	-	22.24	27.44	4.16	-
AV	2.4286G	96.86	Inf	-Inf	31.75	3	Horizontal	324	2.73	-	65.11	27.56	4.19	-
AV	2.4835G	46.91	54.00	-7.09	32.02	3	Horizontal	324	2.73	-	14.89	27.80	4.22	-
PK	2.387G	67.52	74.00	-6.48	31.58	3	Horizontal	324	2.73	-	35.94	27.42	4.16	-
PK	2.4302G	105.66	Inf	-Inf	31.75	3	Horizontal	324	2.73	-	73.91	27.56	4.19	-
PK	2.4858G	58.13	74.00	-15.87	32.03	3	Horizontal	324	2.73	-	26.10	27.81	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

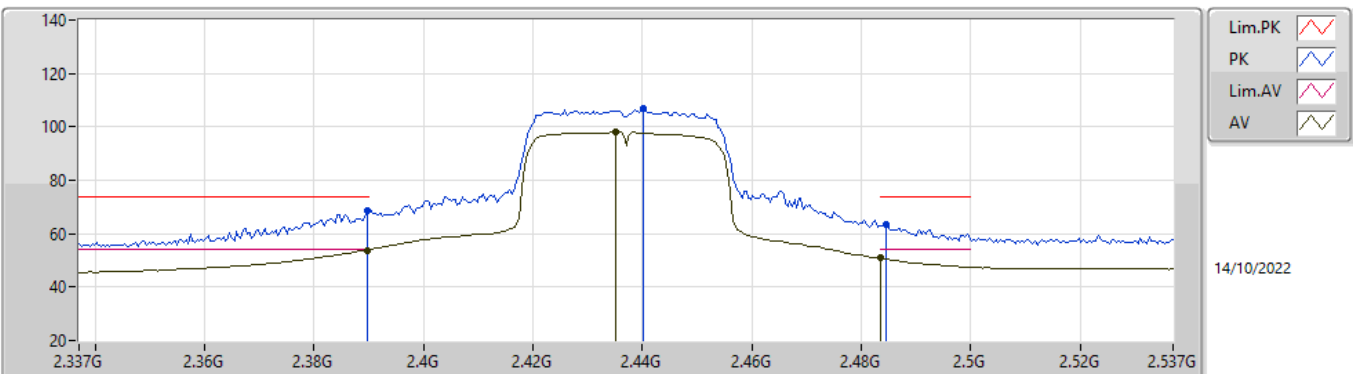
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	52.17	54.00	-1.83	31.60	3	Vertical	97	2.93	-	20.57	27.44	4.16	-
AV	2.4394G	96.52	Inf	-Inf	31.77	3	Vertical	97	2.93	-	64.75	27.58	4.19	-
AV	2.4835G	50.13	54.00	-3.87	32.02	3	Vertical	97	2.93	-	18.11	27.80	4.22	-
PK	2.3894G	65.74	74.00	-8.26	31.60	3	Vertical	97	2.93	-	34.14	27.44	4.16	-
PK	2.4406G	105.37	Inf	-Inf	31.77	3	Vertical	97	2.93	-	73.60	27.58	4.19	-
PK	2.485G	62.54	74.00	-11.46	32.03	3	Vertical	97	2.93	-	30.51	27.81	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

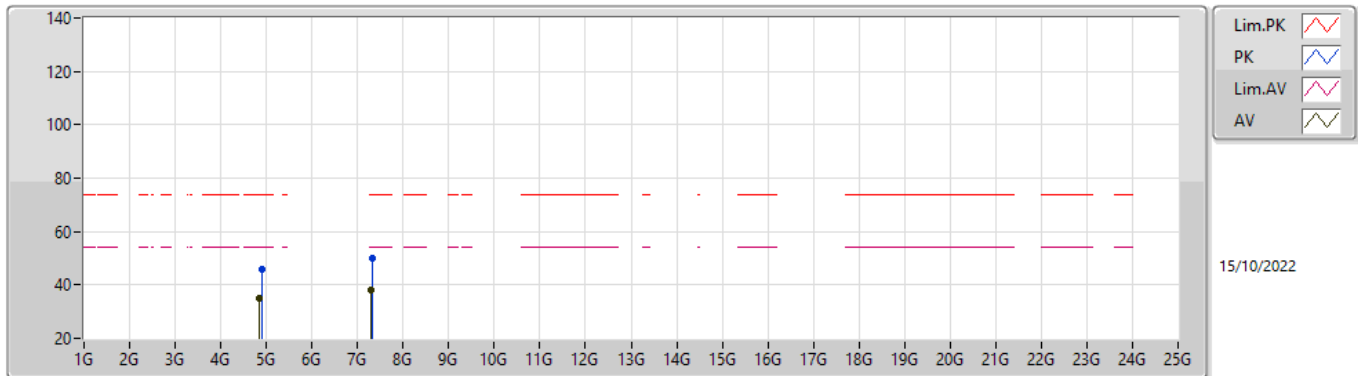
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	53.86	54.00	-0.14	31.60	3	Horizontal	328	1.15	-	22.26	27.44	4.16	-
AV	2.435G	97.98	Inf	-Inf	31.76	3	Horizontal	328	1.15	-	66.22	27.57	4.19	-
AV	2.4835G	50.87	54.00	-3.13	32.02	3	Horizontal	328	1.15	-	18.85	27.80	4.22	-
PK	2.3898G	68.71	74.00	-5.29	31.60	3	Horizontal	328	1.15	-	37.11	27.44	4.16	-
PK	2.4402G	106.66	Inf	-Inf	31.77	3	Horizontal	328	1.15	-	74.89	27.58	4.19	-
PK	2.4846G	63.19	74.00	-10.81	32.03	3	Horizontal	328	1.15	-	31.16	27.81	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

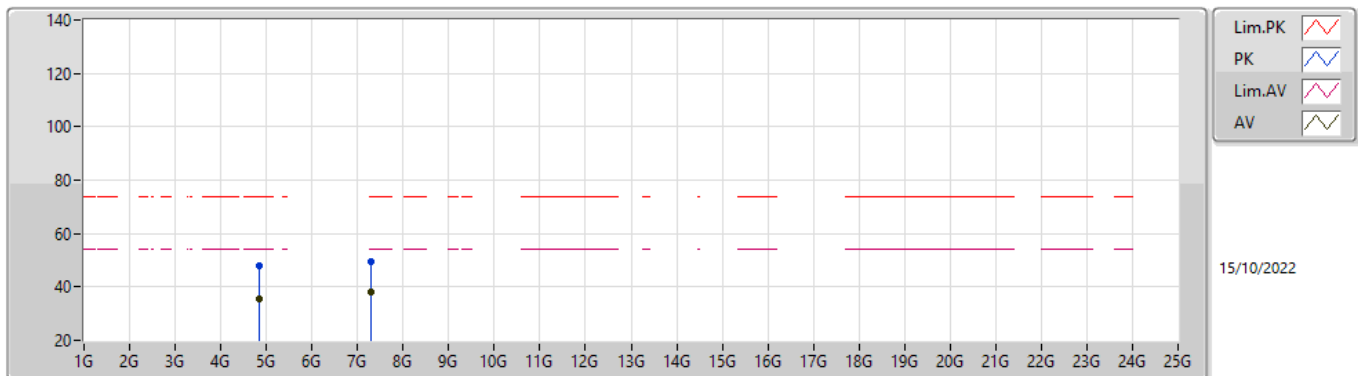
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.844G	35.10	54.00	-18.90	3.61	3	Vertical	284	2.94	-	31.49	32.56	5.70	34.65
AV	7.2852G	38.17	54.00	-15.83	8.84	3	Vertical	156	1.50	-	29.33	36.80	6.81	34.77
PK	4.89104G	46.08	74.00	-27.92	3.83	3	Vertical	284	2.94	-	42.25	32.76	5.72	34.65
PK	7.32792G	49.78	74.00	-24.22	8.68	3	Vertical	156	1.50	-	41.10	36.63	6.83	34.78

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

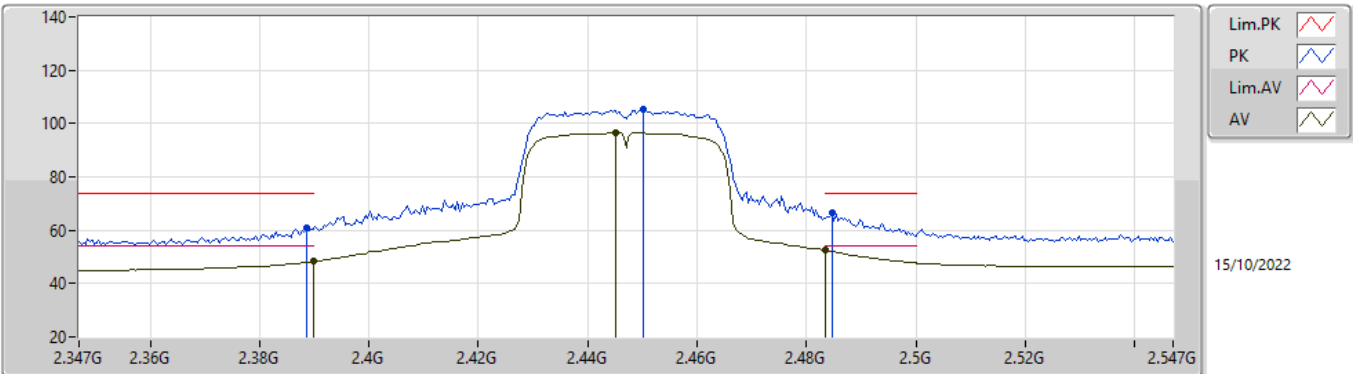
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84484G	35.42	54.00	-18.58	3.62	3	Horizontal	302	1.06	-	31.80	32.57	5.70	34.65
AV	7.28364G	38.07	54.00	-15.93	8.83	3	Horizontal	307	1.50	-	29.24	36.80	6.80	34.77
PK	4.8446G	47.68	74.00	-26.32	3.62	3	Horizontal	302	1.06	-	44.06	32.57	5.70	34.65
PK	7.28292G	49.46	74.00	-24.54	8.83	3	Horizontal	307	1.50	-	40.63	36.80	6.80	34.77

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

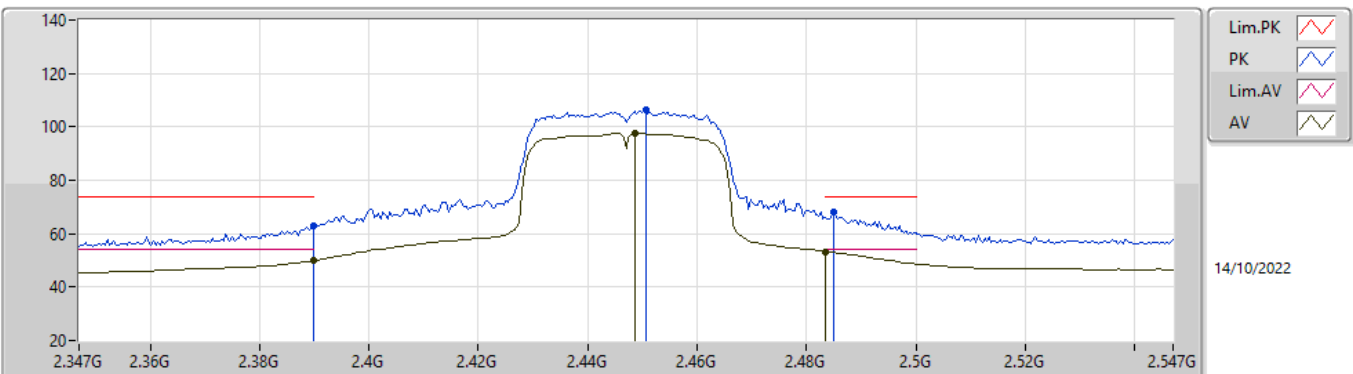
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	48.31	54.00	-5.69	31.60	3	Vertical	109	2.97	-	16.71	27.44	4.16	-
AV	2.445G	96.54	Inf	-Inf	31.79	3	Vertical	109	2.97	-	64.75	27.59	4.20	-
AV	2.4835G	52.39	54.00	-1.61	32.02	3	Vertical	109	2.97	-	20.37	27.80	4.22	-
PK	2.3886G	60.82	74.00	-13.18	31.59	3	Vertical	109	2.97	-	29.23	27.43	4.16	-
PK	2.4502G	105.24	Inf	-Inf	31.80	3	Vertical	109	2.97	-	73.44	27.60	4.20	-
PK	2.4846G	66.60	74.00	-7.40	32.03	3	Vertical	109	2.97	-	34.57	27.81	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

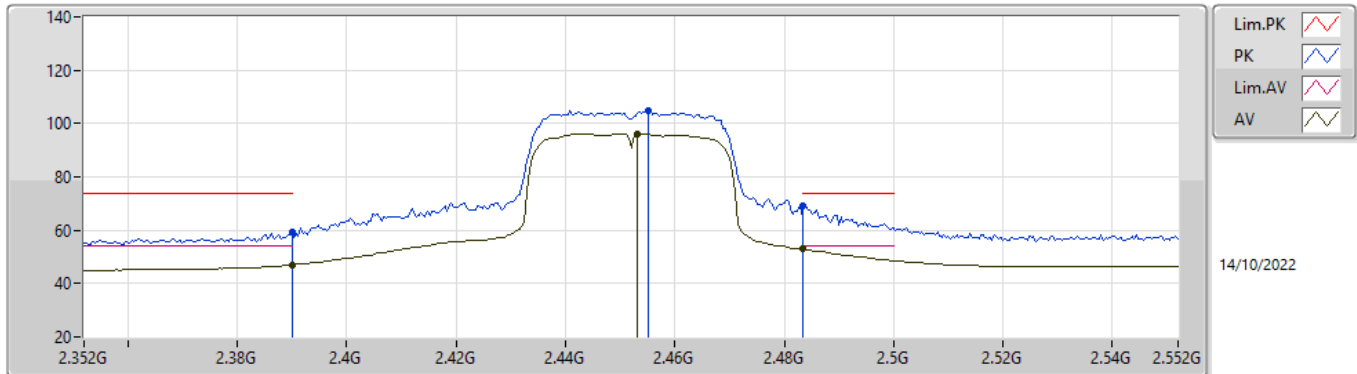
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.99	54.00	-4.01	31.60	3	Horizontal	329	1.50	-	18.39	27.44	4.16	-
AV	2.4486G	97.50	Inf	-Inf	31.80	3	Horizontal	329	1.50	-	65.70	27.60	4.20	-
AV	2.4835G	53.33	54.00	-0.67	32.02	3	Horizontal	329	1.50	-	21.31	27.80	4.22	-
PK	2.3898G	62.98	74.00	-11.02	31.60	3	Horizontal	329	1.50	-	31.38	27.44	4.16	-
PK	2.4506G	106.23	Inf	-Inf	31.80	3	Horizontal	329	1.50	-	74.43	27.60	4.20	-
PK	2.485G	67.96	74.00	-6.04	32.03	3	Horizontal	329	1.50	-	35.93	27.81	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

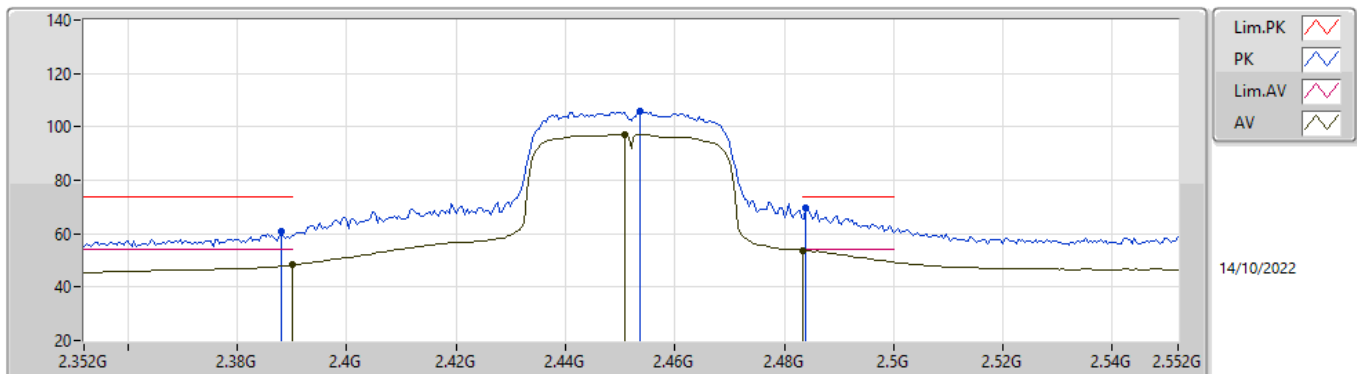
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.00	54.00	-7.00	31.60	3	Vertical	108	2.94	-	15.40	27.44	4.16	-
AV	2.4532G	96.02	Inf	-Inf	31.82	3	Vertical	108	2.94	-	64.20	27.62	4.20	-
AV	2.4835G	52.90	54.00	-1.10	32.02	3	Vertical	108	2.94	-	20.88	27.80	4.22	-
PK	2.39G	59.33	74.00	-14.67	31.60	3	Vertical	108	2.94	-	27.73	27.44	4.16	-
PK	2.4552G	104.77	Inf	-Inf	31.83	3	Vertical	108	2.94	-	72.94	27.63	4.20	-
PK	2.4835G	68.97	74.00	-5.03	32.02	3	Vertical	108	2.94	-	36.95	27.80	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

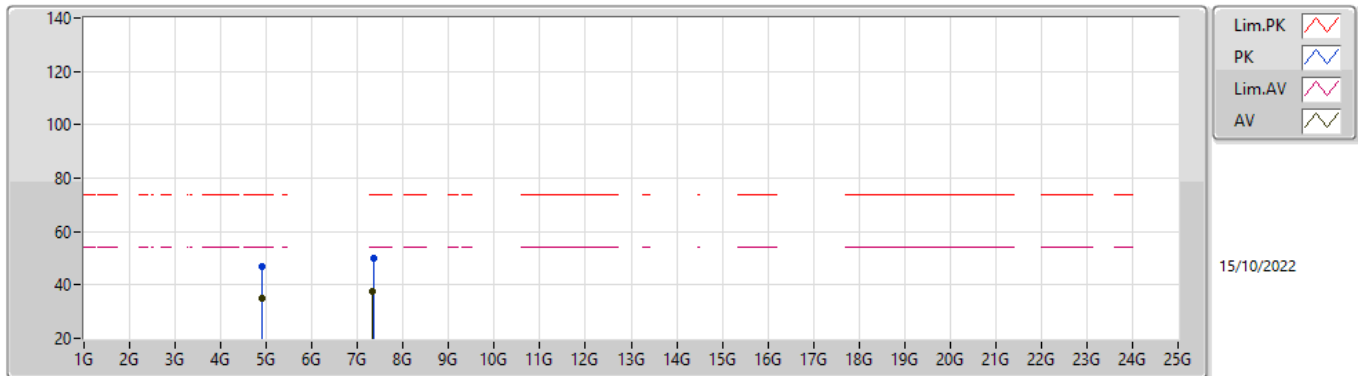
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.28	54.00	-5.72	31.60	3	Horizontal	328	1.50	-	16.68	27.44	4.16	-
AV	2.4508G	97.32	Inf	-Inf	31.80	3	Horizontal	328	1.50	-	65.52	27.60	4.20	-
AV	2.4835G	53.84	54.00	-0.16	32.02	3	Horizontal	328	1.50	-	21.82	27.80	4.22	-
PK	2.388G	60.81	74.00	-13.19	31.59	3	Horizontal	328	1.50	-	29.22	27.43	4.16	-
PK	2.4536G	105.64	Inf	-Inf	31.82	3	Horizontal	328	1.50	-	73.82	27.62	4.20	-
PK	2.484G	69.61	74.00	-4.39	32.02	3	Horizontal	328	1.50	-	37.59	27.80	4.22	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

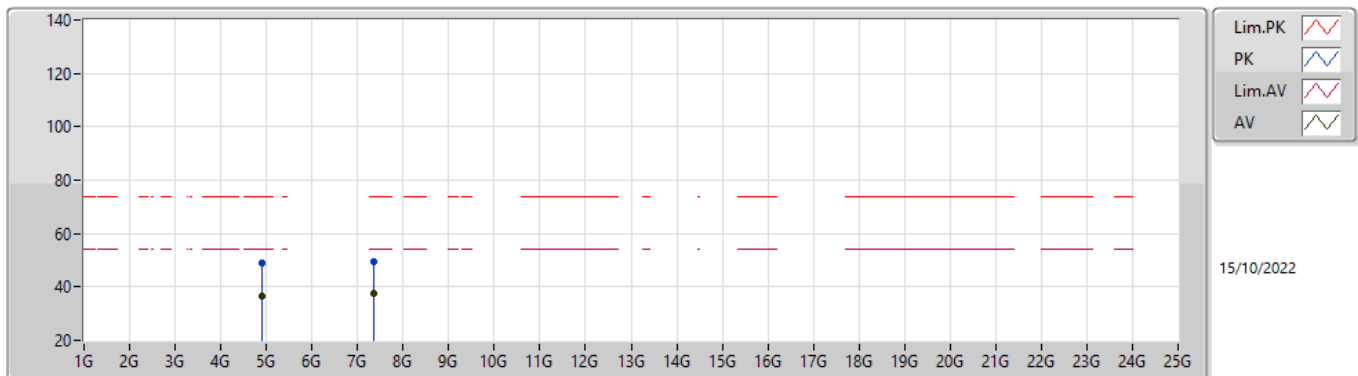
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90538G	35.21	54.00	-18.79	3.90	3	Vertical	296	3.00	-	31.31	32.82	5.73	34.65
AV	7.3344G	37.80	54.00	-16.20	8.65	3	Vertical	312	1.22	-	29.15	36.59	6.84	34.78
PK	4.9031G	46.92	74.00	-27.08	3.89	3	Vertical	296	3.00	-	43.03	32.81	5.73	34.65
PK	7.34928G	49.82	74.00	-24.18	8.57	3	Vertical	312	1.22	-	41.25	36.50	6.85	34.78

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90484G	36.63	54.00	-17.37	3.90	3	Horizontal	305	1.02	-	32.73	32.82	5.73	34.65
AV	7.3422G	37.75	54.00	-16.25	8.61	3	Horizontal	151	1.26	-	29.14	36.55	6.84	34.78
PK	4.90772G	48.73	74.00	-25.27	3.91	3	Horizontal	305	1.02	-	44.82	32.83	5.73	34.65
PK	7.36362G	49.37	74.00	-24.63	8.53	3	Horizontal	151	1.26	-	40.84	36.45	6.86	34.78