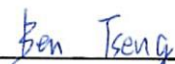


FCC Radio Test Report

FCC ID : RI7WE310G4
Equipment : 802.11 a/b/g/n WiFi Module+BT combo module
Brand Name : 
Model Name : WE310G4-I, WE310G4-P
Applicant : Telit Communications S.p.A.
Viale Stazione di Prosecco 5/b, Trieste 34010, Italy
Manufacturer : Telit Communications S.p.A.
Viale Stazione di Prosecco 5/b, Trieste 34010, Italy
Standard : 47 CFR FCC Part 15.247

The product was received on Jun. 14, 2022, and testing was started from Jul. 15, 2022 and completed on Sep. 28, 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: Ben Tseng

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

[illegible]

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	Remark
1	Atel-Antennas	T-AT9552	Dipole	Reverse SMA	WE310G4-P
2	AMOTECH Co., Ltd	AMOC42H12F7PA	Dielectric Chip Antenna	N/A	WE310G4-I

Ant.	Port	Gain (dBi)				
		2.4G	5150MHz	5500 MHz	5850MHz	BT
1	1	2.5	4.5	4.5	4.5	2.5
2	1	2.28	3.34	3.21	3.15	2.28

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 1) could transmit/receive.

For BT function:

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

Ant. 1 (port 1) or Ant. 2 (port 1) could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n mode (1TX/1RX)

Ant. 1 (port 1) or Ant. 2 (port 1) could transmit/receive.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_1TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g_Nss1,(6Mbps)_1TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20_Nss1,(MCS0)_1TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40_Nss1,(MCS0)_1TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
WE310G4-I	module with integrated SMD antenna
WE310G4-P	module without integrated SMD antenna

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	Wayne	21.6~22.1°C / 56~59%	28/Jul/2022
RF Conducted	TH06-HY	Johnny	20.1~26.9°C / 50~60%	28/Sep/2022
Radiated	03CH03-HY	Edward	20.1~26.9°C / 50~60%	15/Jul/2022~27/Jul/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.				

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	AmebaD_mptool_2V2
Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	91
2417MHz	91
2437MHz	91
2457MHz	91
2462MHz	88
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	86
2417MHz	85
2437MHz	85
2457MHz	84
2462MHz	84
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	80
2417MHz	83
2437MHz	83
2457MHz	83
2462MHz	87
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	79
2427MHz	78
2437MHz	79
2447MHz	78
2452MHz	78

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Test Fixture mode (WE310G4-I)
2	Test Fixture mode (WE310G4-P)

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Test Fixture mode (WE310G4-I)		
2	Test Fixture mode (WE310G4-P)		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (WE310G4-P)		V (WE310G4-I)

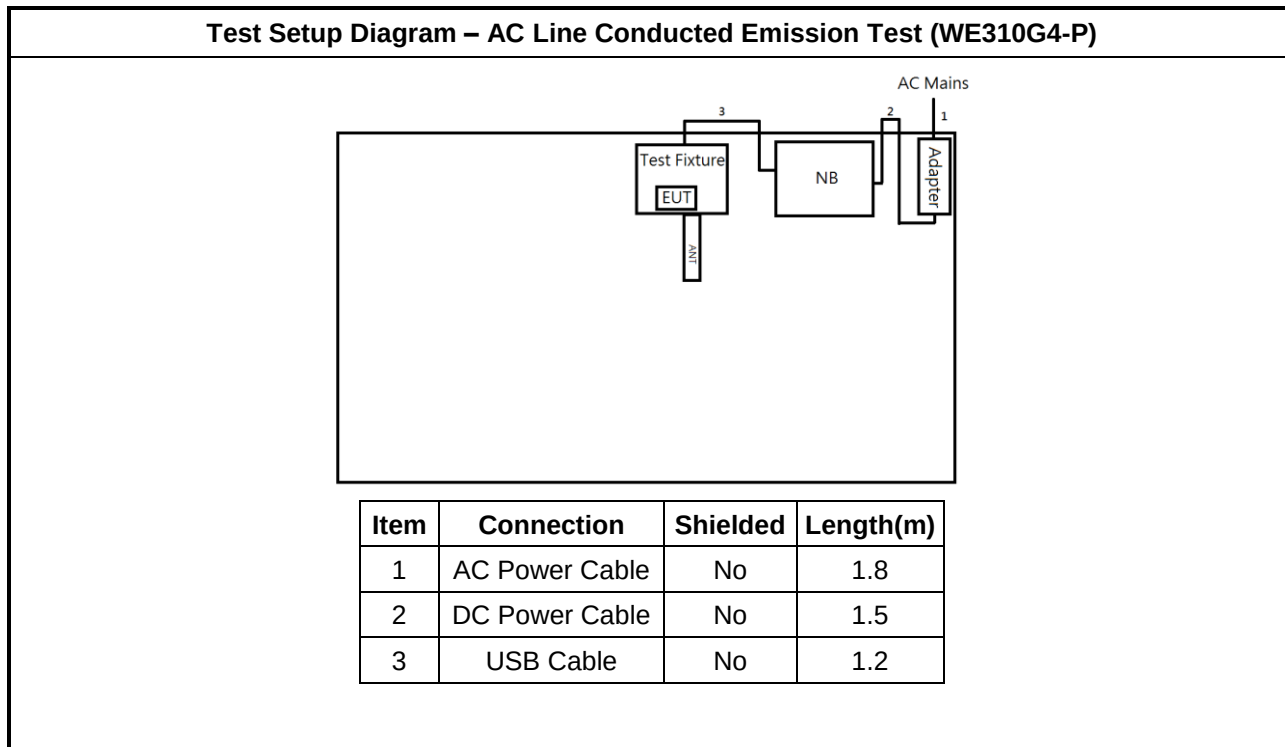
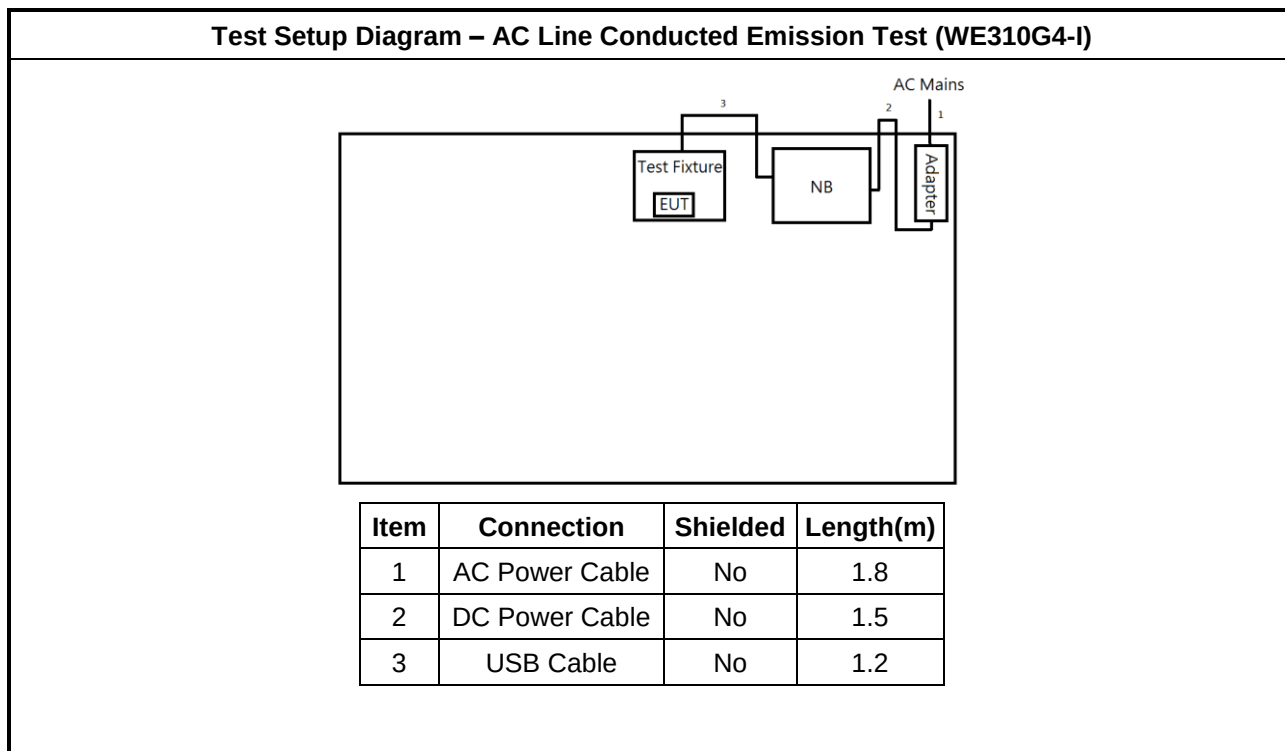
2.3 Support Equipment

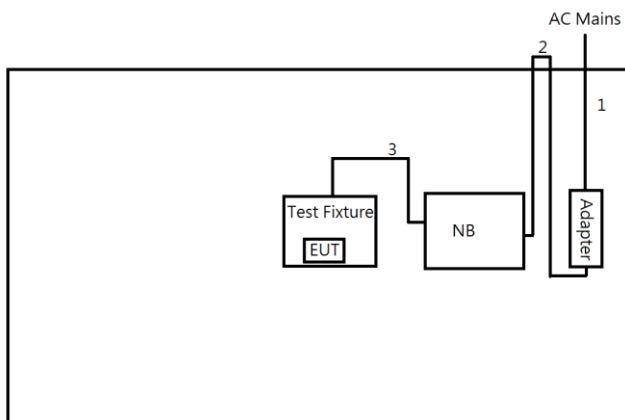
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	5220M	-	-
2	Adapter for Notebook	HP	PPP012L-E	-	-
3	AC Power cable	Power Sync	TPCMRN0018	-	-
4	Fixture	-	-	-	Provided by Customer
5	USB Cable	-	-	-	Provided by Customer
6	USB Cable	-	-	-	Provided by Customer

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

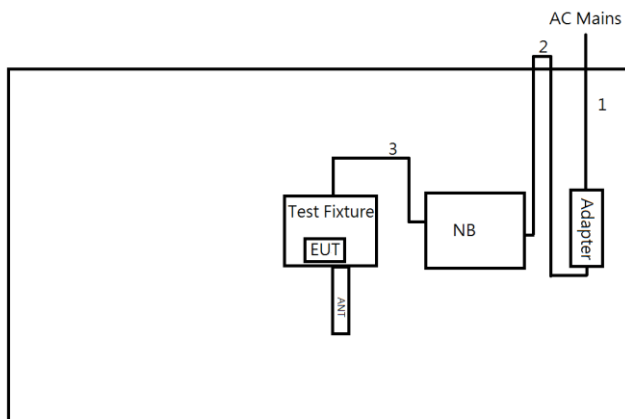
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	5220M	-	-
2	Adapter for Notebook	HP	PPP012L-E	-	-
3	AC Power cable	Power Sync	TPCMRN0018	-	-
4	Fixture	-	-	-	Provided by Customer
5	USB Cable	-	-	-	Provided by Customer
6	USB Cable	-	-	-	Provided by Customer

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test (WE310G4-I)


Item	Connection	Shielded	Length(m)
1	AC Power Cable	No	1.8
2	DC Power Cable	No	1.5
3	USB Cable	No	1.2

Test Setup Diagram - Radiated Test (WE310G4-P)


Item	Connection	Shielded	Length(m)
1	AC Power Cable	No	1.8
2	DC Power Cable	No	1.5
3	USB Cable	No	1.2

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

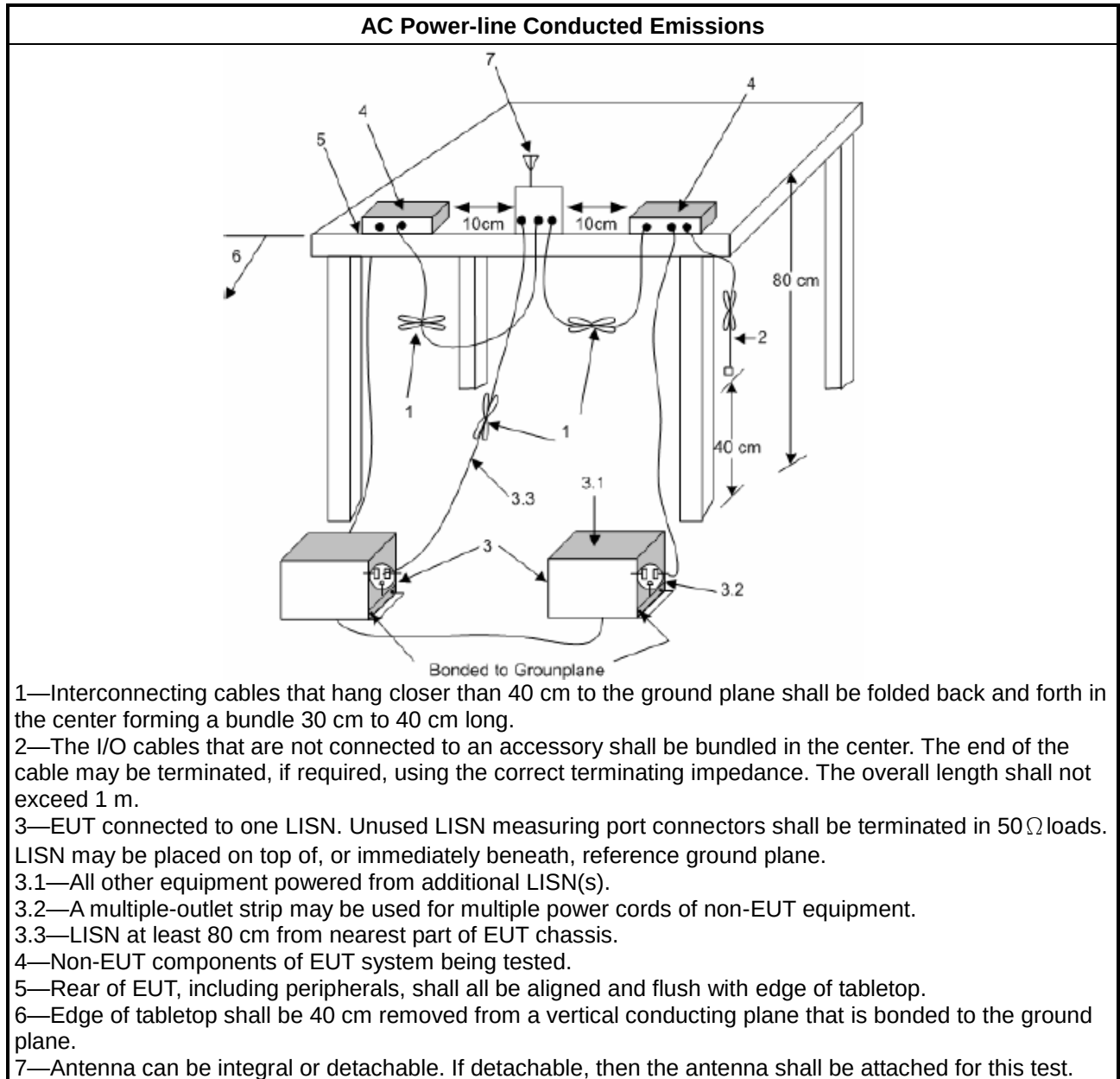
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

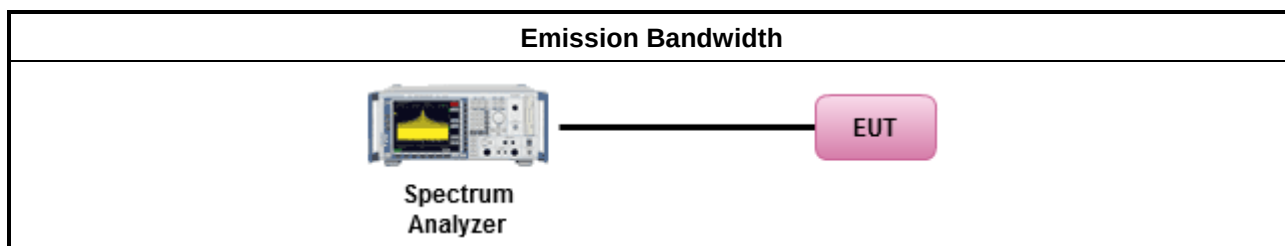
3.2.2 Measuring Instruments

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.	

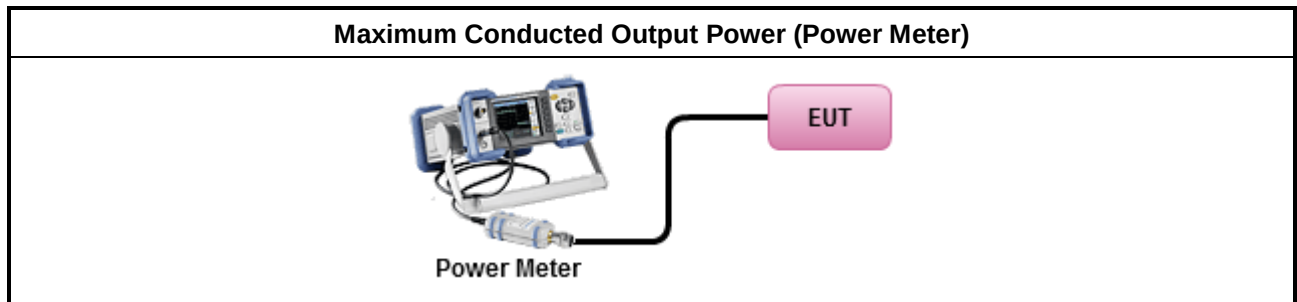
3.3.2 Measuring Instruments

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

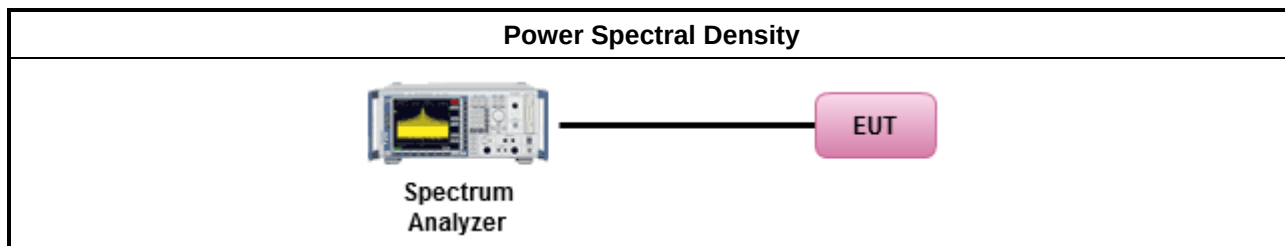
3.4.2 Measuring Instruments

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.	

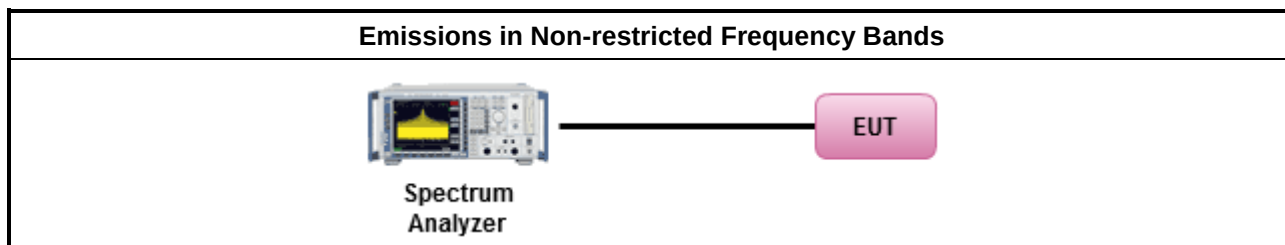
3.5.2 Measuring Instruments

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

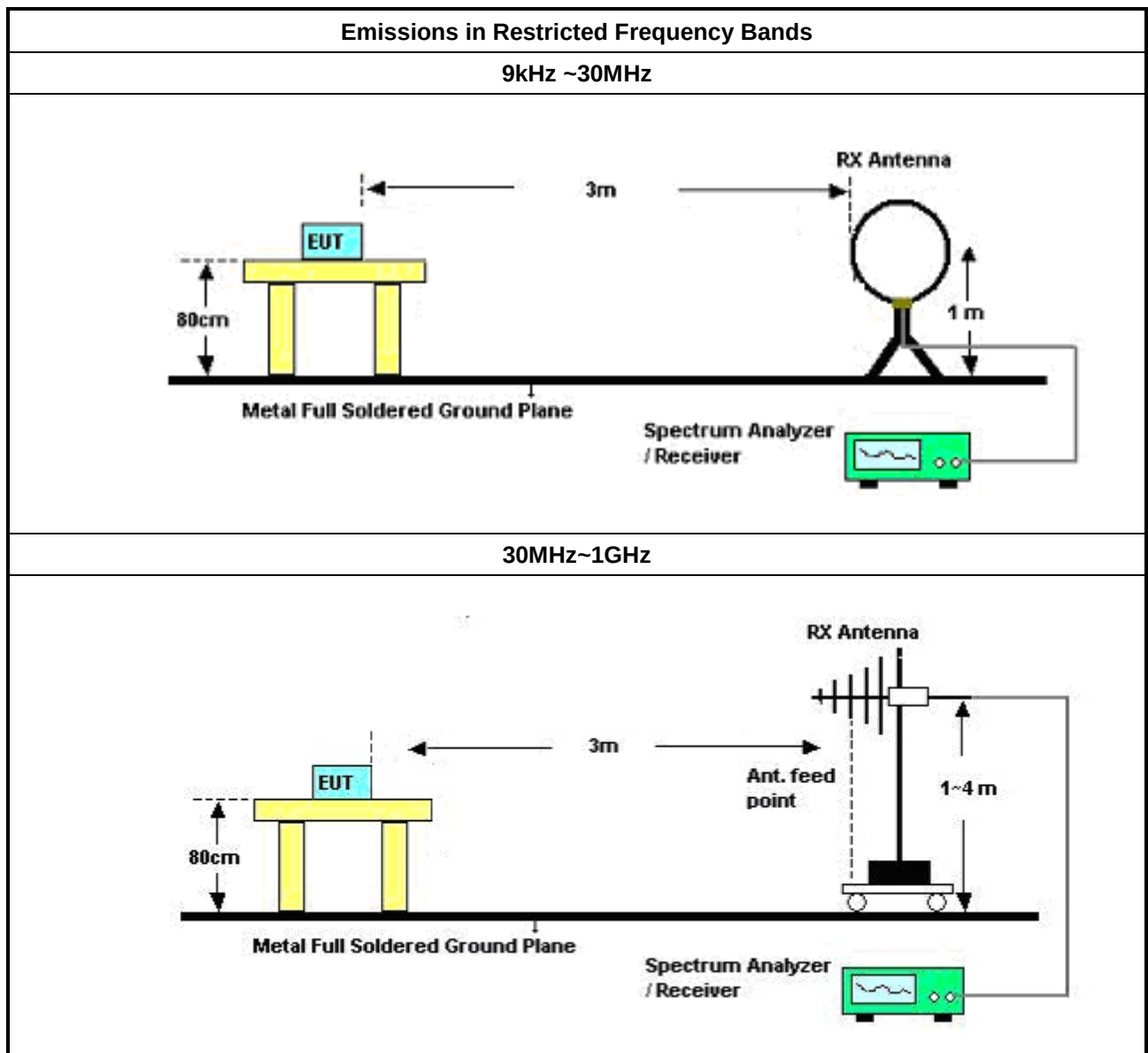
Test Method	
▪	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted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

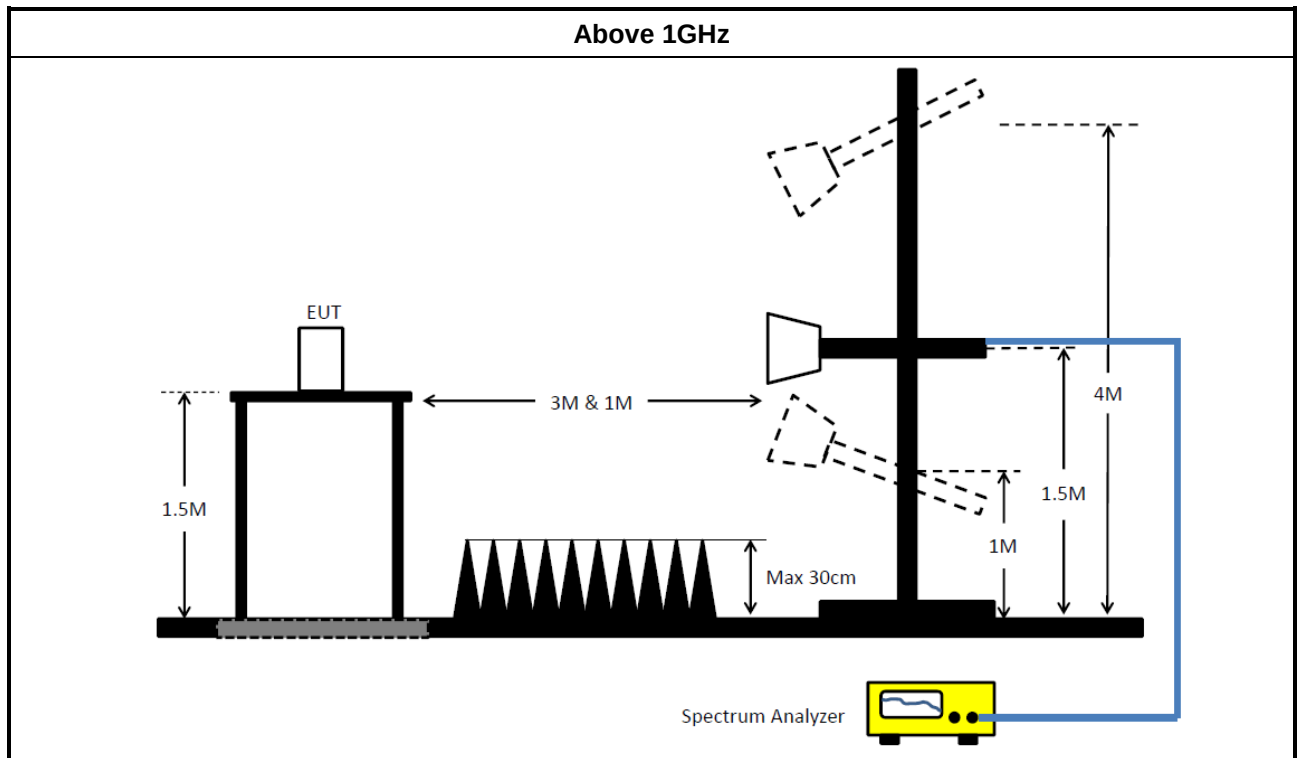
3.6.4 Measurement Results Calculation

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
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	V5.10.8.2	-	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
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/2023
SENSE-15247_DTS	Sporton	5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	03/Aug/2021	02/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	08/Apr/2022	07/Apr/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	17/Oct/2021	16/Oct/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2022	12/Jun/2023
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021-1+CB021-2	30MHz~1GHz	22/Mar/2022	21/Mar/2023
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4 +SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
Amplifier	KEYSIGHT	87422A	MY53270197	1GHz~26.5GHz	30/Nov/2021	29/Nov/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15247_DTS	Sporton	v5.10.8.3	NA	NA	NA	NA



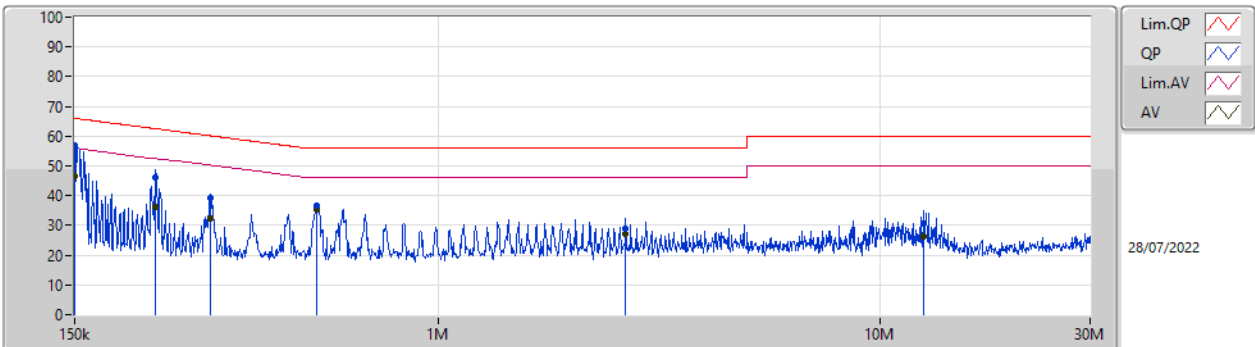
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.807k	57.33	65.90	-8.57	Neutral

Mode Configure

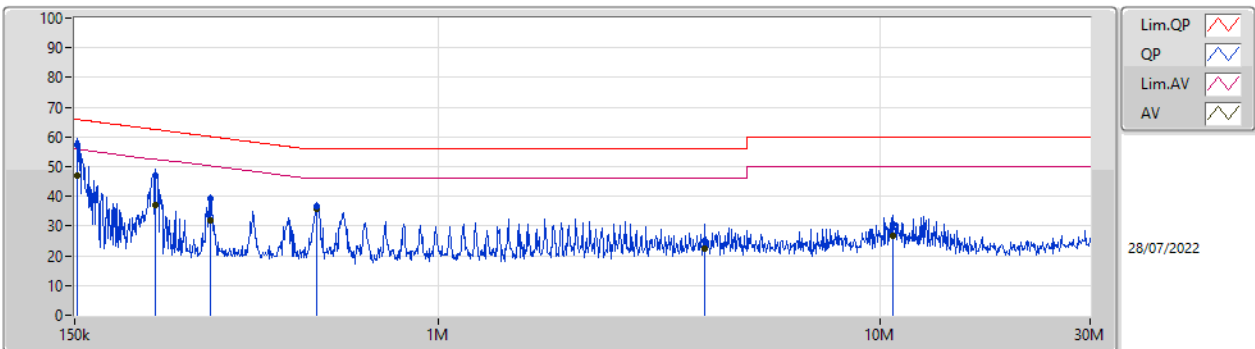
Mode	Result	Type	Freq (Hz)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150k	57.11	66.00	-8.89	Line	-
Mode 1	Pass	AV	150k	46.69	56.00	-9.31	Line	-
Mode 1	Pass	QP	229.015k	46.33	62.48	-16.15	Line	-
Mode 1	Pass	AV	229.015k	36.26	52.48	-16.22	Line	-
Mode 1	Pass	QP	304.059k	39.26	60.13	-20.87	Line	-
Mode 1	Pass	AV	304.059k	32.15	50.13	-17.98	Line	-
Mode 1	Pass	QP	531.714k	36.82	56.00	-19.18	Line	-
Mode 1	Pass	AV	531.714k	35.55	46.00	-10.45	Line	-
Mode 1	Pass	QP	2.657M	28.87	56.00	-27.13	Line	-
Mode 1	Pass	AV	2.657M	27.05	46.00	-18.95	Line	-
Mode 1	Pass	QP	12.604M	30.71	60.00	-29.29	Line	-
Mode 1	Pass	AV	12.604M	26.09	50.00	-23.91	Line	-
Mode 1	Pass	QP	151.807k	57.33	65.90	-8.57	Neutral	-
Mode 1	Pass	AV	151.807k	46.97	55.90	-8.93	Neutral	-
Mode 1	Pass	QP	228.103k	47.18	62.52	-15.34	Neutral	-
Mode 1	Pass	AV	228.103k	37.01	52.52	-15.51	Neutral	-
Mode 1	Pass	QP	304.059k	39.23	60.13	-20.90	Neutral	-
Mode 1	Pass	AV	304.059k	32.02	50.13	-18.11	Neutral	-
Mode 1	Pass	QP	531.714k	36.85	56.00	-19.15	Neutral	-
Mode 1	Pass	AV	531.714k	35.59	46.00	-10.41	Neutral	-
Mode 1	Pass	QP	4.024M	24.91	56.00	-31.09	Neutral	-
Mode 1	Pass	AV	4.024M	22.38	46.00	-23.62	Neutral	-
Mode 1	Pass	QP	10.701M	30.71	60.00	-29.29	Neutral	-
Mode 1	Pass	AV	10.701M	26.86	50.00	-23.14	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	150k	57.11	66.00	-8.89	19.63	Line	-	37.48	9.69	0.03	9.91			
AV	150k	46.69	56.00	-9.31	19.63	Line	-	27.06	9.69	0.03	9.91			
QP	229.015k	46.33	62.48	-16.15	19.63	Line	-	26.70	9.69	0.03	9.91			
AV	229.015k	36.26	52.48	-16.22	19.63	Line	-	16.63	9.69	0.03	9.91			
QP	304.059k	39.26	60.13	-20.87	19.63	Line	-	19.63	9.68	0.04	9.91			
AV	304.059k	32.15	50.13	-17.98	19.63	Line	-	12.52	9.68	0.04	9.91			
QP	531.714k	36.82	56.00	-19.18	19.63	Line	-	17.19	9.68	0.04	9.91			
AV	531.714k	35.55	46.00	-10.45	19.63	Line	-	15.92	9.68	0.04	9.91			
QP	2.657M	28.87	56.00	-27.13	19.72	Line	-	9.15	9.70	0.10	9.92			
AV	2.657M	27.05	46.00	-18.95	19.72	Line	-	7.33	9.70	0.10	9.92			
QP	12.604M	30.71	60.00	-29.29	19.94	Line	-	10.77	9.80	0.21	9.93			
AV	12.604M	26.09	50.00	-23.91	19.94	Line	-	6.15	9.80	0.21	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	151.807k	57.33	65.90	-8.57	19.67	Neutral	-	37.66	9.73	0.03	9.91			
AV	151.807k	46.97	55.90	-8.93	19.67	Neutral	-	27.30	9.73	0.03	9.91			
QP	228.103k	47.18	62.52	-15.34	19.66	Neutral	-	27.52	9.72	0.03	9.91			
AV	228.103k	37.01	52.52	-15.51	19.66	Neutral	-	17.35	9.72	0.03	9.91			
QP	304.059k	39.23	60.13	-20.90	19.67	Neutral	-	19.56	9.72	0.04	9.91			
AV	304.059k	32.02	50.13	-18.11	19.67	Neutral	-	12.35	9.72	0.04	9.91			
QP	531.714k	36.85	56.00	-19.15	19.67	Neutral	-	17.18	9.72	0.04	9.91			
AV	531.714k	35.59	46.00	-10.41	19.67	Neutral	-	15.92	9.72	0.04	9.91			
QP	4.024M	24.91	56.00	-31.09	19.81	Neutral	-	5.10	9.76	0.13	9.92			
AV	4.024M	22.38	46.00	-23.62	19.81	Neutral	-	2.57	9.76	0.13	9.92			
QP	10.701M	30.71	60.00	-29.29	20.02	Neutral	-	10.69	9.90	0.19	9.93			
AV	10.701M	26.86	50.00	-23.14	20.02	Neutral	-	6.84	9.90	0.19	9.93			



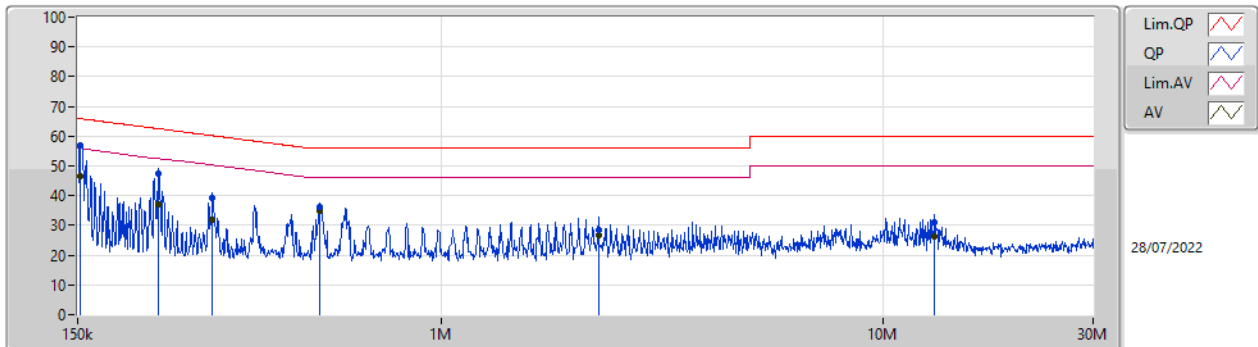
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.202k	57.70	65.92	-8.22	Neutral

Mode Configure

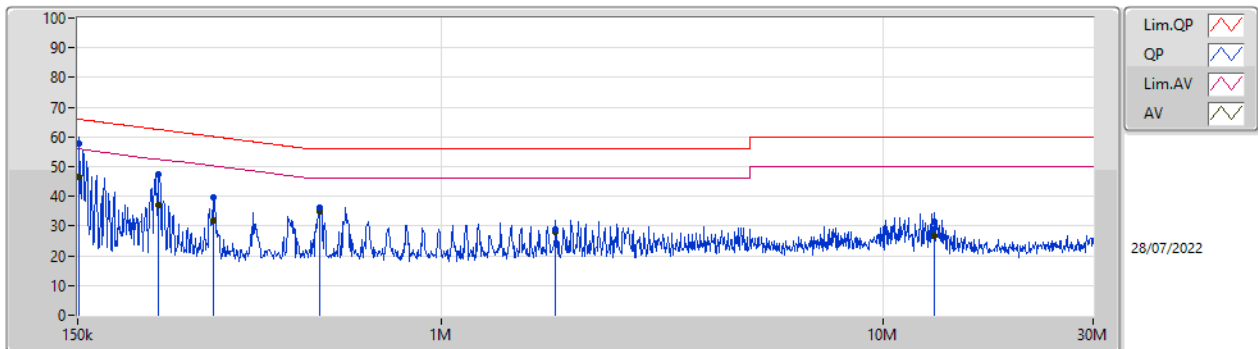
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	152.414k	56.92	65.87	-8.95	Line	-
Mode 1	Pass	AV	152.414k	46.56	55.87	-9.31	Line	-
Mode 1	Pass	QP	228.103k	47.48	62.52	-15.04	Line	-
Mode 1	Pass	AV	228.103k	37.15	52.52	-15.37	Line	-
Mode 1	Pass	QP	302.848k	39.20	60.17	-20.97	Line	-
Mode 1	Pass	AV	302.848k	32.01	50.17	-18.16	Line	-
Mode 1	Pass	QP	529.596k	36.30	56.00	-19.70	Line	-
Mode 1	Pass	AV	529.596k	34.96	46.00	-11.04	Line	-
Mode 1	Pass	QP	2.274M	28.41	56.00	-27.59	Line	-
Mode 1	Pass	AV	2.274M	26.61	46.00	-19.39	Line	-
Mode 1	Pass	QP	13.117M	31.09	60.00	-28.91	Line	-
Mode 1	Pass	AV	13.117M	26.36	50.00	-23.64	Line	-
Mode 1	Pass	QP	151.202k	57.70	65.92	-8.22	Neutral	-
Mode 1	Pass	AV	151.202k	46.75	55.92	-9.17	Neutral	-
Mode 1	Pass	QP	228.103k	47.62	62.52	-14.90	Neutral	-
Mode 1	Pass	AV	228.103k	37.14	52.52	-15.38	Neutral	-
Mode 1	Pass	QP	304.059k	39.47	60.13	-20.66	Neutral	-
Mode 1	Pass	AV	304.059k	31.88	50.13	-18.25	Neutral	-
Mode 1	Pass	QP	529.596k	36.18	56.00	-19.82	Neutral	-
Mode 1	Pass	AV	529.596k	34.92	46.00	-11.08	Neutral	-
Mode 1	Pass	QP	1.818M	29.04	56.00	-26.96	Neutral	-
Mode 1	Pass	AV	1.818M	28.09	46.00	-17.91	Neutral	-
Mode 1	Pass	QP	13.117M	31.45	60.00	-28.55	Neutral	-
Mode 1	Pass	AV	13.117M	26.55	50.00	-23.45	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	152.414k	56.92	65.87	-8.95	19.63	Line	-	37.29	9.69	0.03	9.91			
AV	152.414k	46.56	55.87	-9.31	19.63	Line	-	26.93	9.69	0.03	9.91			
QP	228.103k	47.48	62.52	-15.04	19.63	Line	-	27.85	9.69	0.03	9.91			
AV	228.103k	37.15	52.52	-15.37	19.63	Line	-	17.52	9.69	0.03	9.91			
QP	302.848k	39.20	60.17	-20.97	19.63	Line	-	19.57	9.68	0.04	9.91			
AV	302.848k	32.01	50.17	-18.16	19.63	Line	-	12.38	9.68	0.04	9.91			
QP	529.596k	36.30	56.00	-19.70	19.63	Line	-	16.67	9.68	0.04	9.91			
AV	529.596k	34.96	46.00	-11.04	19.63	Line	-	15.33	9.68	0.04	9.91			
QP	2.274M	28.41	56.00	-27.59	19.71	Line	-	8.70	9.70	0.09	9.92			
AV	2.274M	26.61	46.00	-19.39	19.71	Line	-	6.90	9.70	0.09	9.92			
QP	13.117M	31.09	60.00	-28.91	19.95	Line	-	11.14	9.80	0.22	9.93			
AV	13.117M	26.36	50.00	-23.64	19.95	Line	-	6.41	9.80	0.22	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	151.202k	57.70	65.92	-8.22	19.67	Neutral	-	38.03	9.73	0.03	9.91			
AV	151.202k	46.75	55.92	-9.17	19.67	Neutral	-	27.08	9.73	0.03	9.91			
QP	228.103k	47.62	62.52	-14.90	19.66	Neutral	-	27.96	9.72	0.03	9.91			
AV	228.103k	37.14	52.52	-15.38	19.66	Neutral	-	17.48	9.72	0.03	9.91			
QP	304.059k	39.47	60.13	-20.66	19.67	Neutral	-	19.80	9.72	0.04	9.91			
AV	304.059k	31.88	50.13	-18.25	19.67	Neutral	-	12.21	9.72	0.04	9.91			
QP	529.596k	36.18	56.00	-19.82	19.67	Neutral	-	16.51	9.72	0.04	9.91			
AV	529.596k	34.92	46.00	-11.08	19.67	Neutral	-	15.25	9.72	0.04	9.91			
QP	1.818M	29.04	56.00	-26.96	19.74	Neutral	-	9.30	9.74	0.08	9.92			
AV	1.818M	28.09	46.00	-17.91	19.74	Neutral	-	8.35	9.74	0.08	9.92			
QP	13.117M	31.45	60.00	-28.55	20.08	Neutral	-	11.37	9.93	0.22	9.93			
AV	13.117M	26.55	50.00	-23.45	20.08	Neutral	-	6.47	9.93	0.22	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	10.05M	14.693M	14M7G1D	10M	14.543M
802.11g_Nss1,(6Mbps)_1TX	16.475M	16.642M	16M7D1D	16.4M	16.567M
802.11n HT20_Nss1,(MCS0)_1TX	17.675M	17.791M	17M8D1D	17.6M	17.716M
802.11n HT40_Nss1,(MCS0)_1TX	36.35M	36.082M	36M1D1D	36.3M	35.982M

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	10M	14.643M
2437MHz	Pass	500k	10.05M	14.543M
2462MHz	Pass	500k	10.05M	14.693M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.4M	16.592M
2437MHz	Pass	500k	16.475M	16.567M
2462MHz	Pass	500k	16.45M	16.642M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.625M	17.791M
2437MHz	Pass	500k	17.6M	17.716M
2462MHz	Pass	500k	17.675M	17.766M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	36.35M	36.032M
2437MHz	Pass	500k	36.3M	35.982M
2452MHz	Pass	500k	36.3M	36.082M

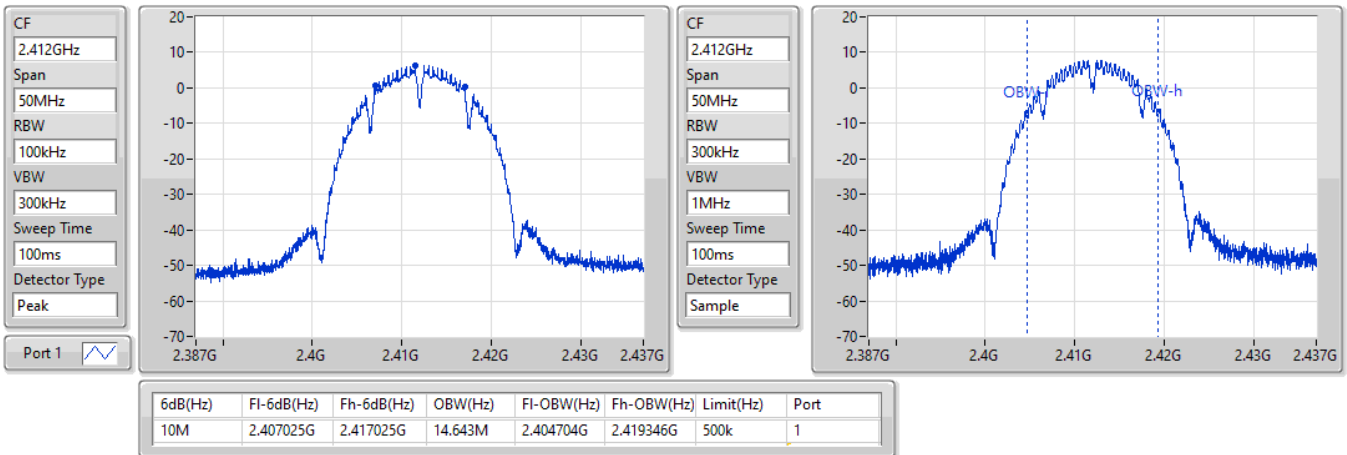
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

28/09/2022

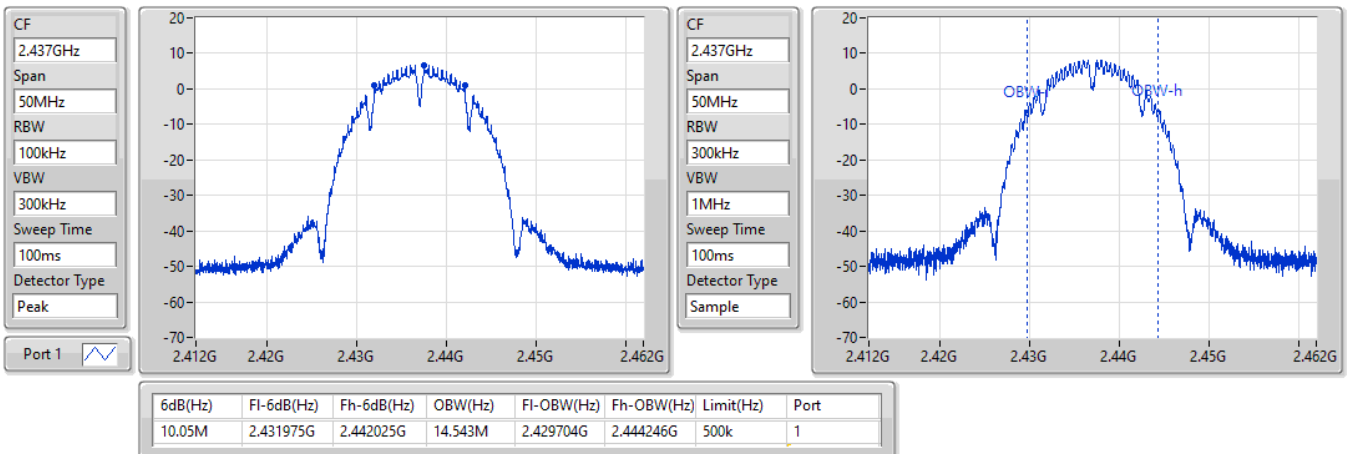


802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

28/09/2022

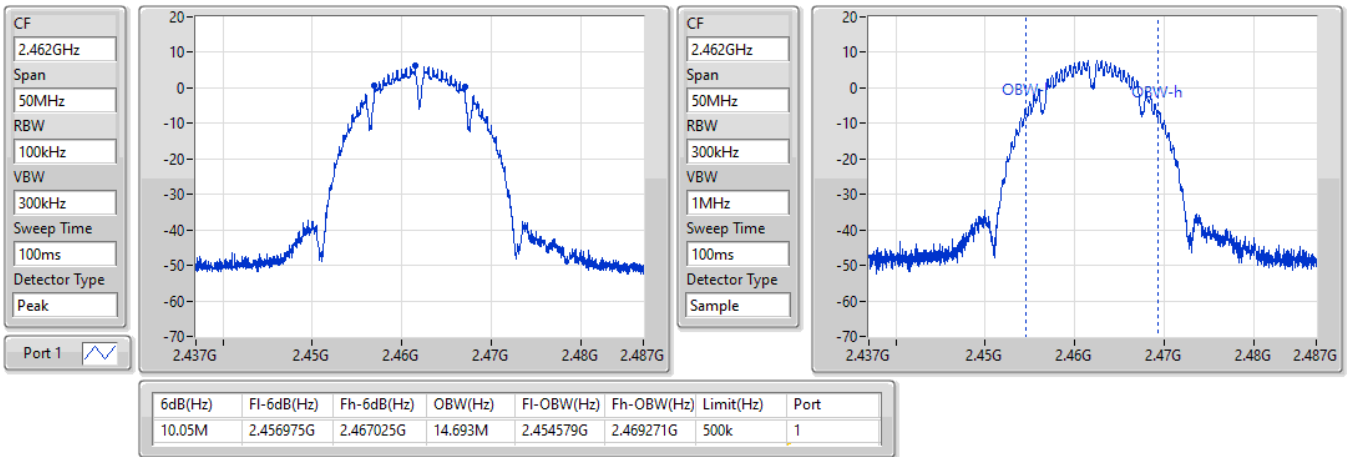


802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

28/09/2022

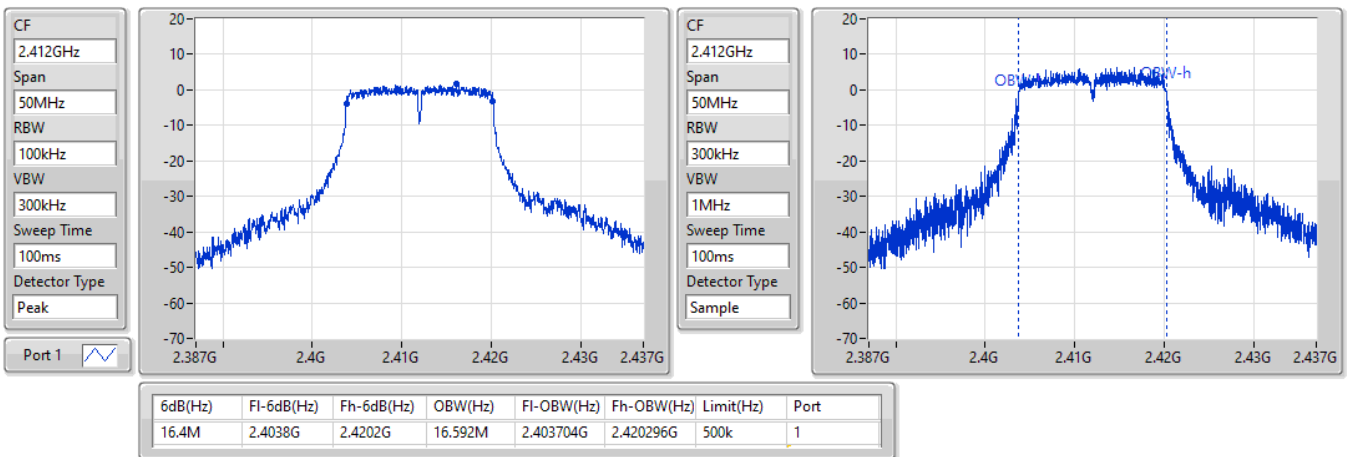


802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

28/09/2022

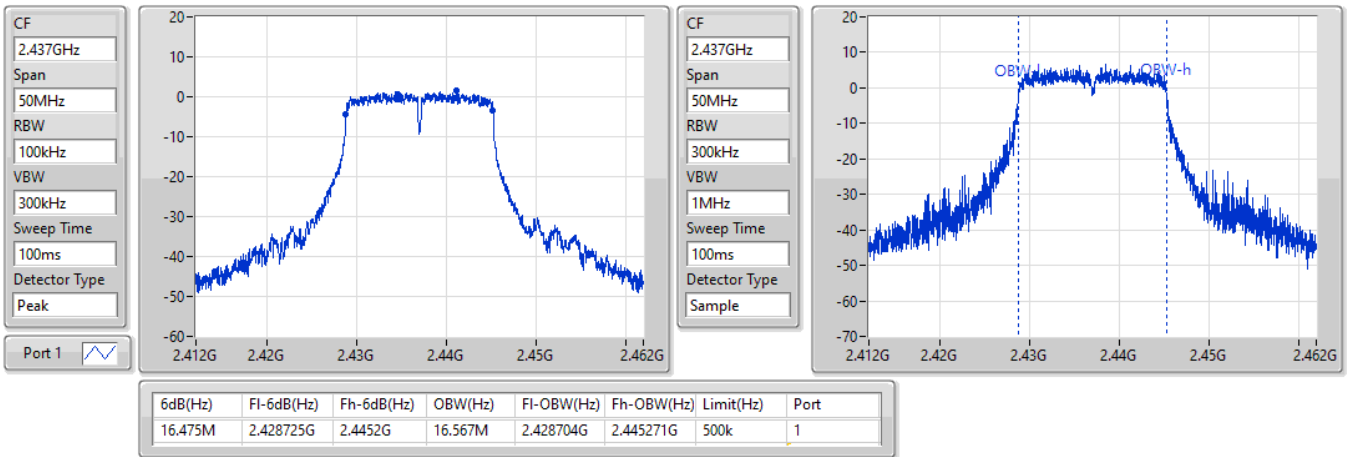


802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

28/09/2022

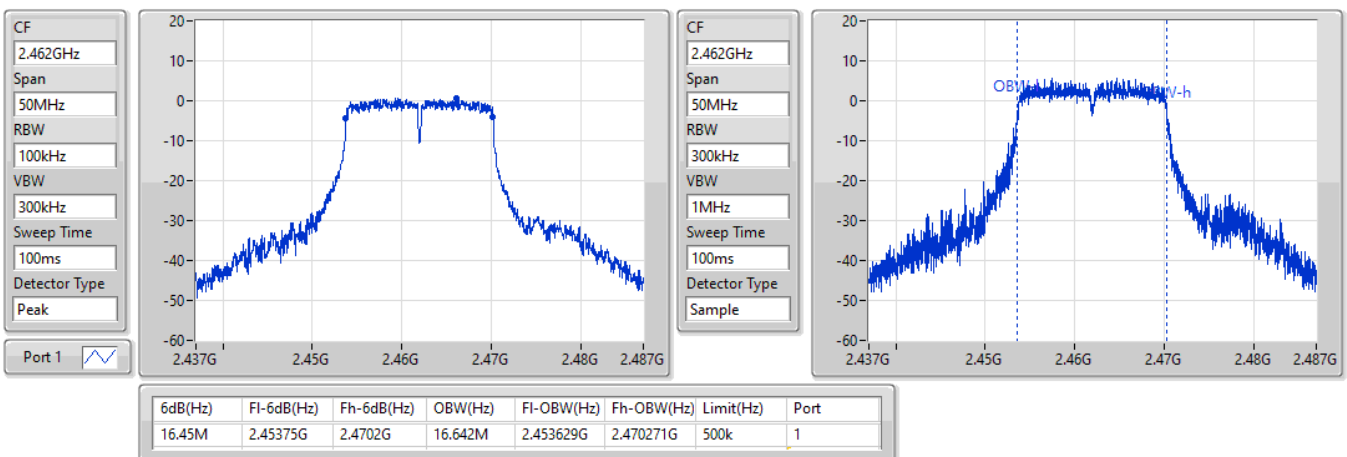


802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

28/09/2022

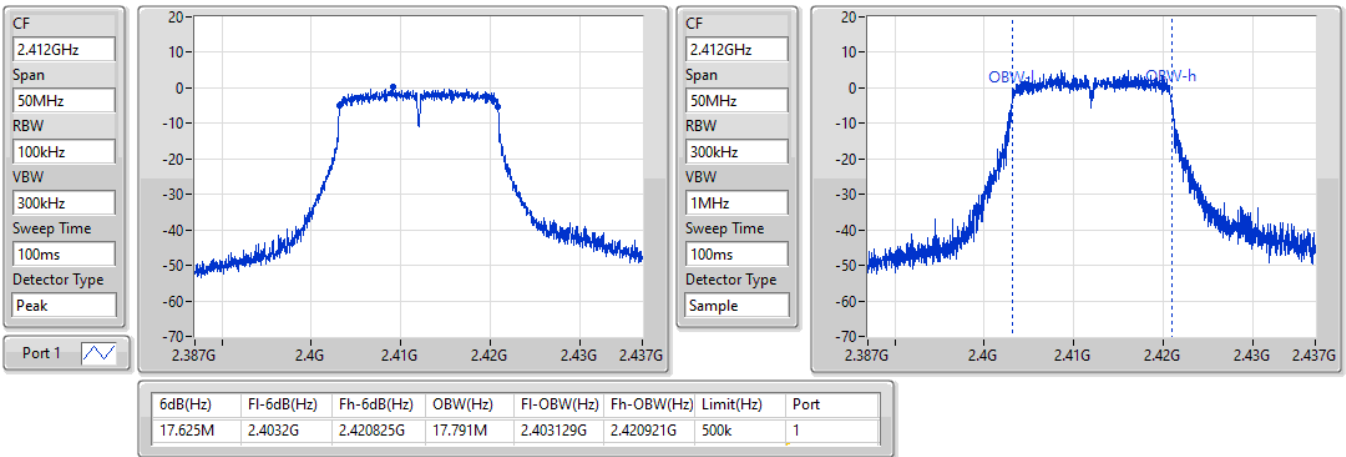


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

28/09/2022

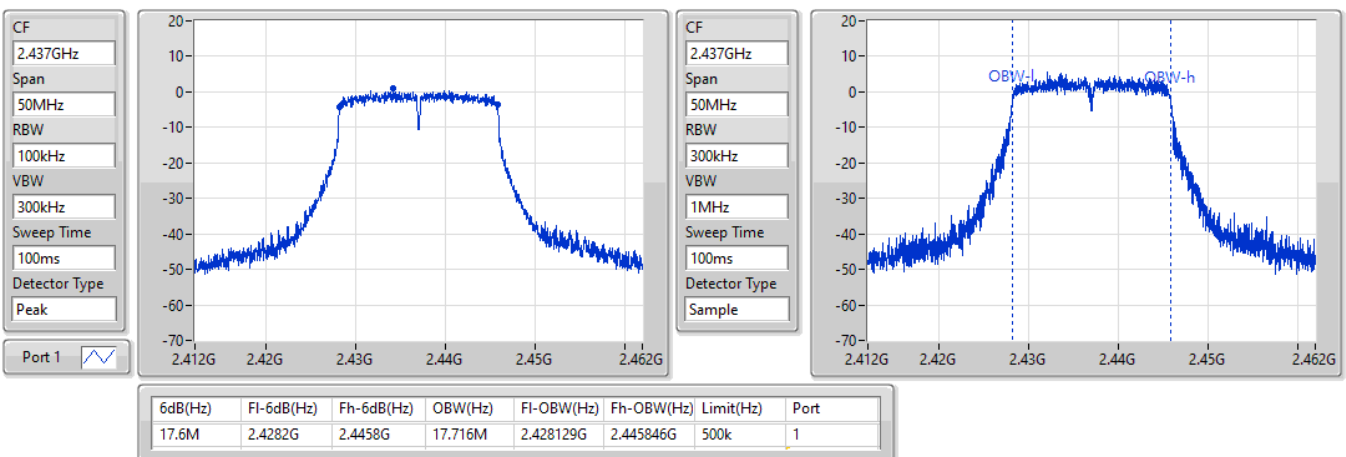


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

28/09/2022

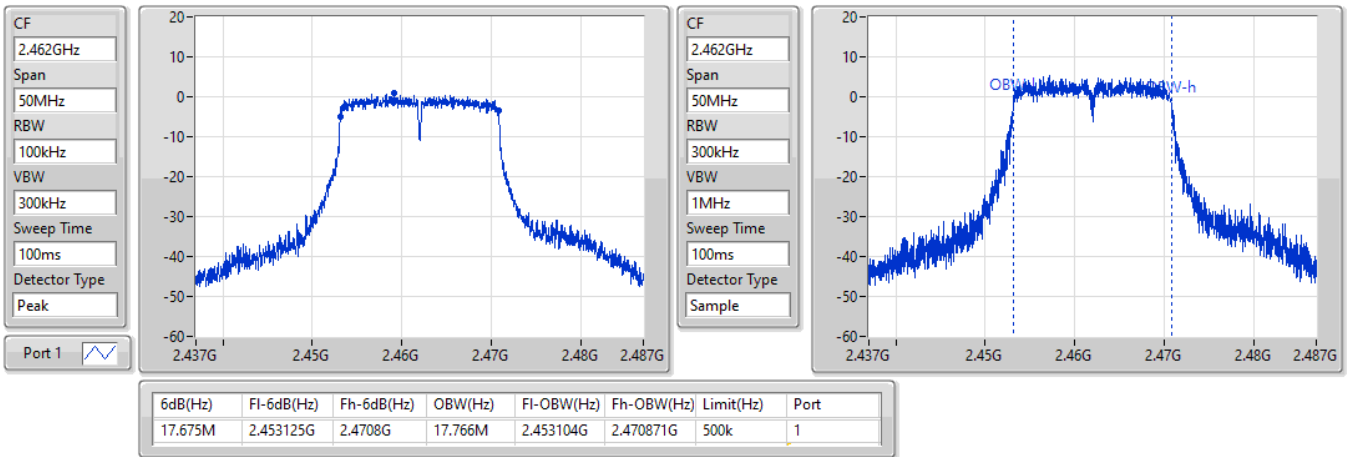


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2462MHz

28/09/2022

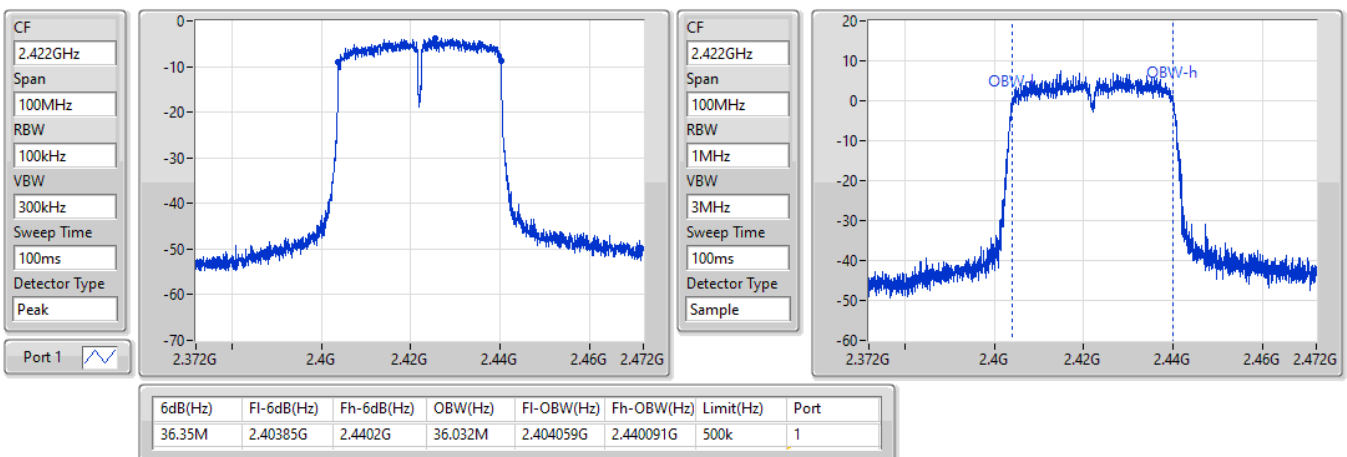


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2422MHz

28/09/2022

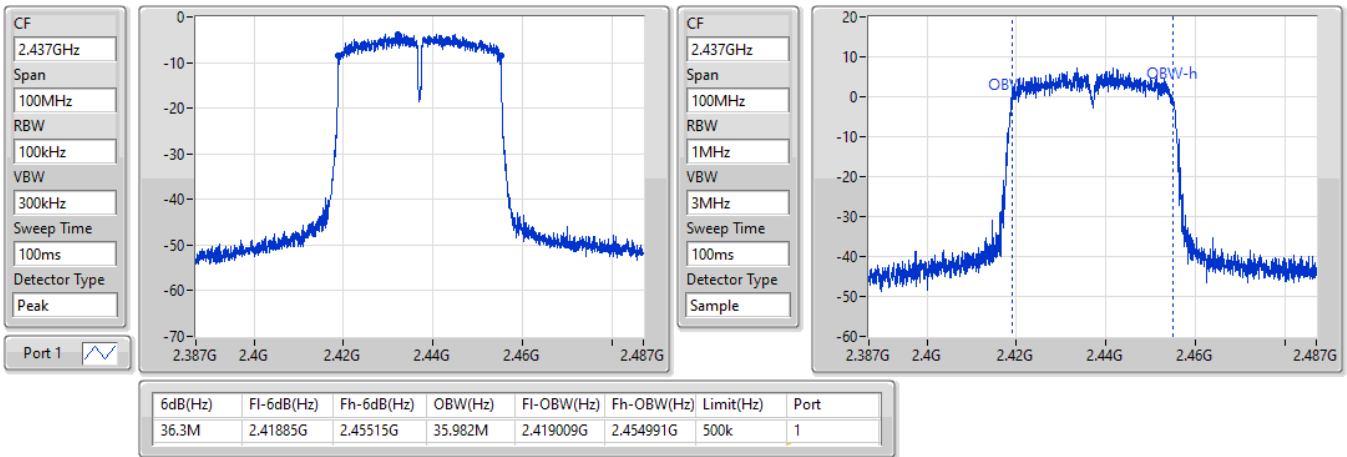


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2437MHz

28/09/2022

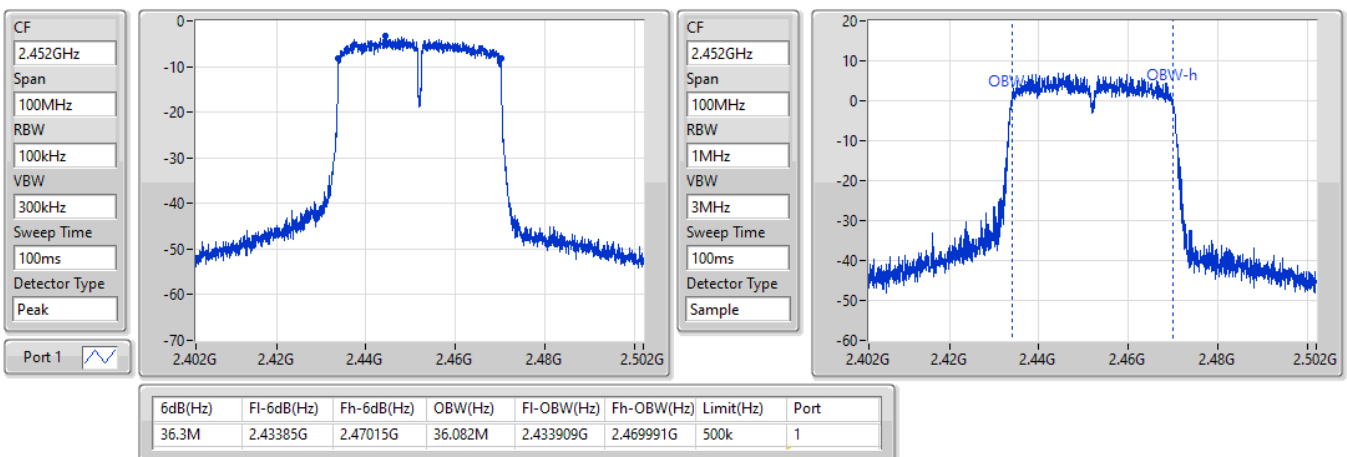


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2452MHz

28/09/2022





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	16.81	0.04797
802.11g_Nss1,(6Mbps)_1TX	15.34	0.03420
802.11n HT20_Nss1,(MCS0)_1TX	14.87	0.03069
802.11n HT40_Nss1,(MCS0)_1TX	13.79	0.02393

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.50	16.47	16.47	30.00
2417MHz	Pass	2.50	16.59	16.59	30.00
2437MHz	Pass	2.50	16.81	16.81	30.00
2457MHz	Pass	2.50	16.62	16.62	30.00
2462MHz	Pass	2.50	16.45	16.45	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.50	15.32	15.32	30.00
2417MHz	Pass	2.50	15.08	15.08	30.00
2437MHz	Pass	2.50	15.25	15.25	30.00
2457MHz	Pass	2.50	15.34	15.34	30.00
2462MHz	Pass	2.50	15.22	15.22	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.50	14.32	14.32	30.00
2417MHz	Pass	2.50	14.17	14.17	30.00
2437MHz	Pass	2.50	14.87	14.87	30.00
2457MHz	Pass	2.50	14.34	14.34	30.00
2462MHz	Pass	2.50	14.71	14.71	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.50	13.67	13.67	30.00
2427MHz	Pass	2.50	13.57	13.57	30.00
2437MHz	Pass	2.50	13.67	13.67	30.00
2447MHz	Pass	2.50	13.79	13.79	30.00
2452MHz	Pass	2.50	13.75	13.75	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	-13.85
802.11g_Nss1,(6Mbps)_1TX	-13.14
802.11n HT20_Nss1,(MCS0)_1TX	-13.65
802.11n HT40_Nss1,(MCS0)_1TX	-16.24

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	2.50	-14.22	-14.22	8.00
2437MHz	Pass	2.50	-13.85	-13.85	8.00
2462MHz	Pass	2.50	-14.44	-14.44	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.50	-13.14	-13.14	8.00
2437MHz	Pass	2.50	-13.28	-13.28	8.00
2462MHz	Pass	2.50	-13.91	-13.91	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.50	-14.77	-14.77	8.00
2437MHz	Pass	2.50	-14.06	-14.06	8.00
2462MHz	Pass	2.50	-13.65	-13.65	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.50	-16.28	-16.28	8.00
2437MHz	Pass	2.50	-16.24	-16.24	8.00
2452MHz	Pass	2.50	-16.64	-16.64	8.00

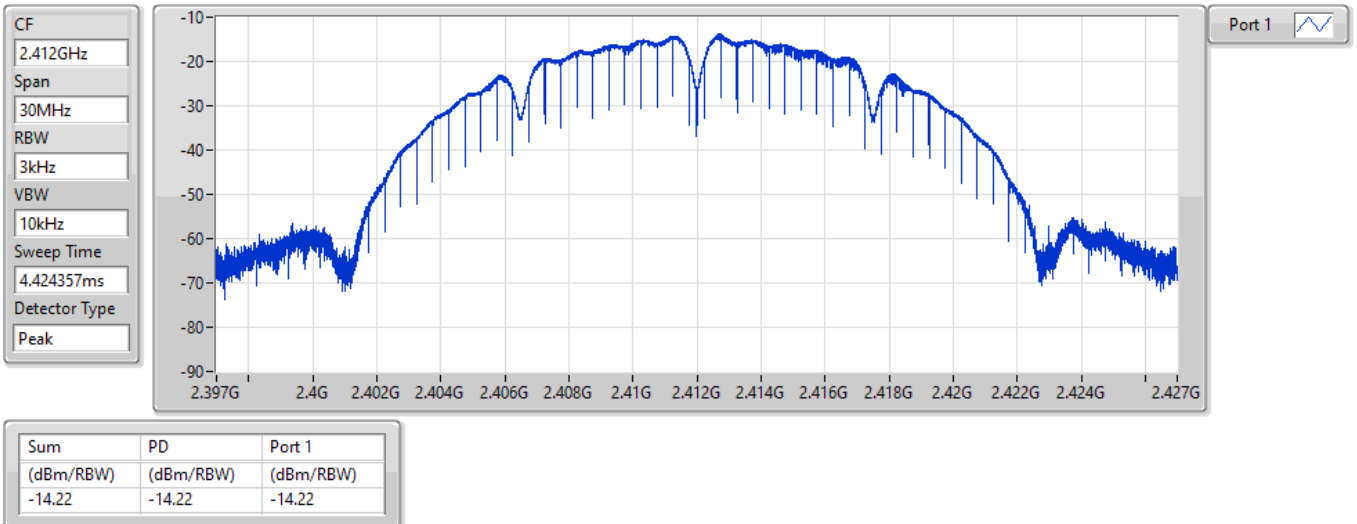
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

28/09/2022

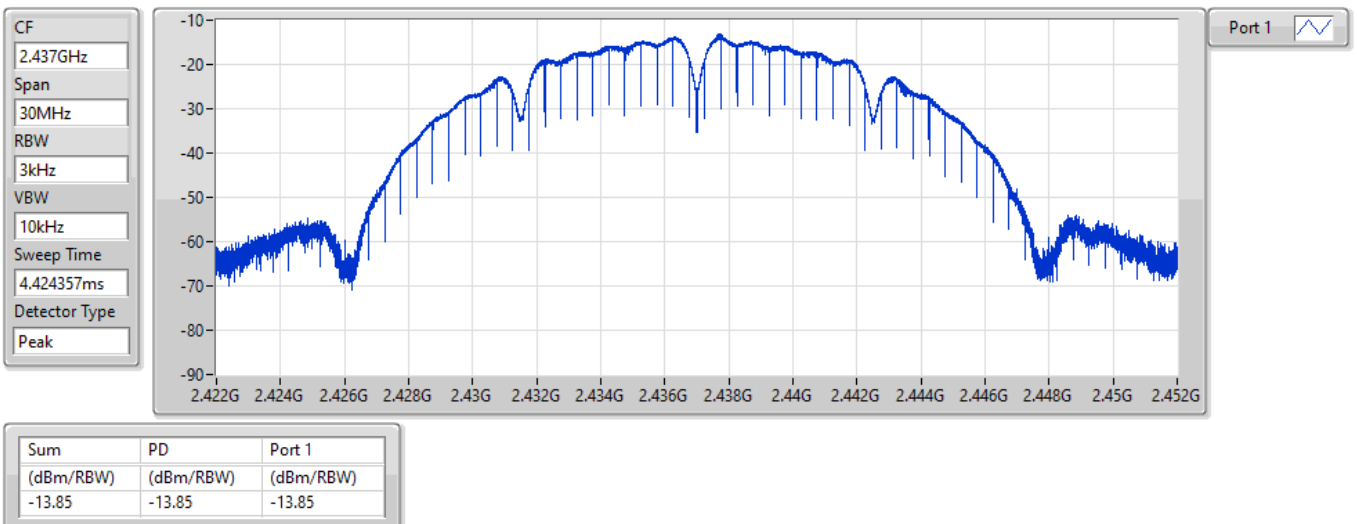


802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

28/09/2022

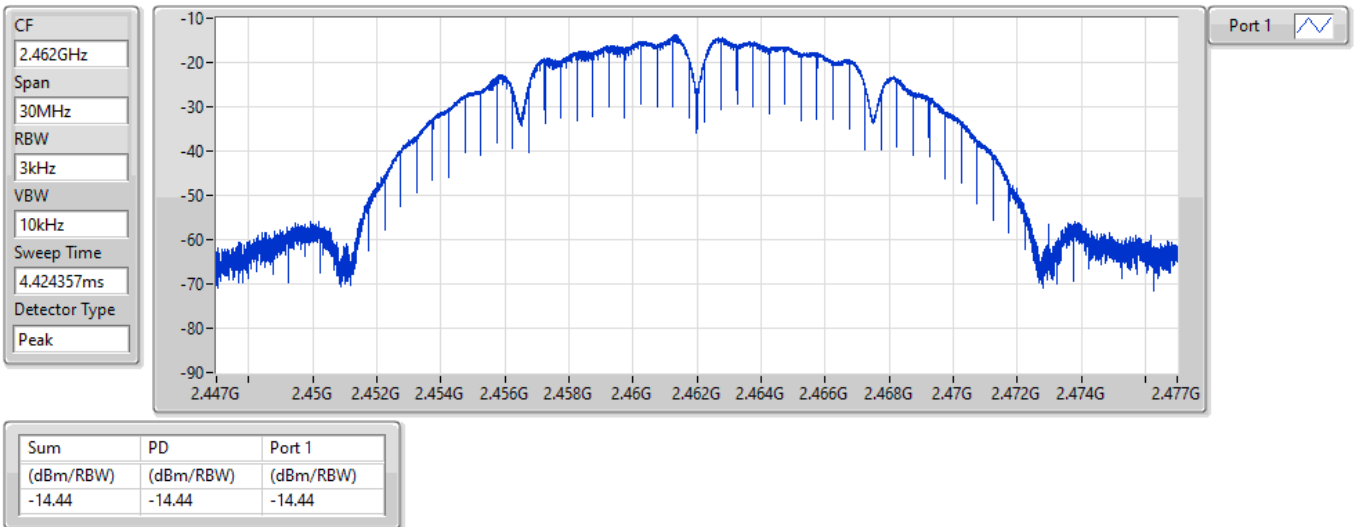


802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

28/09/2022

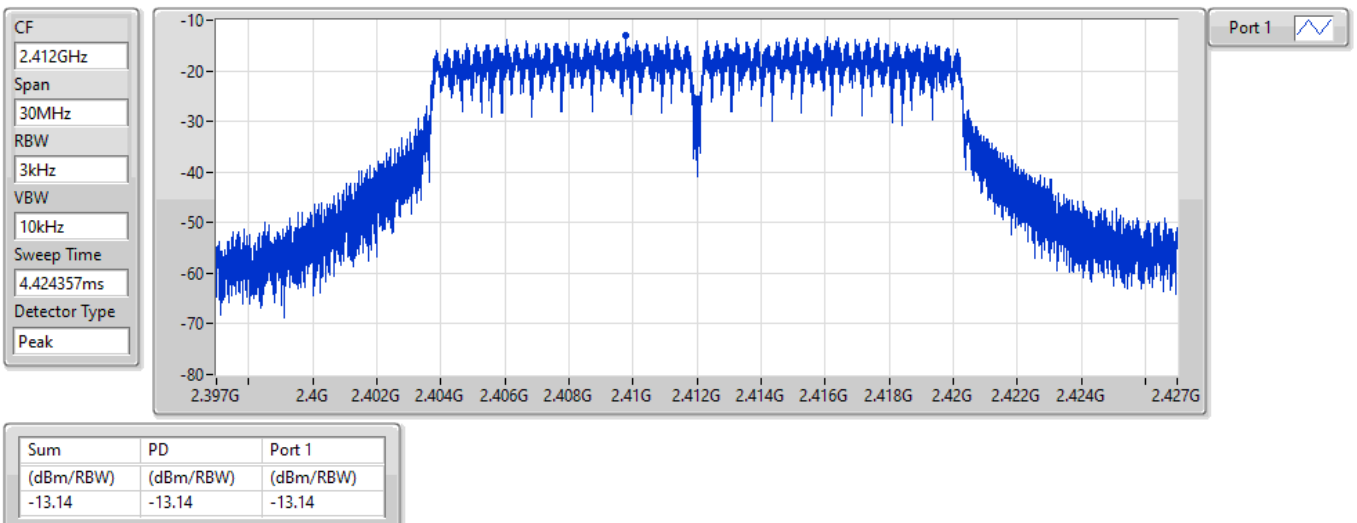


802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

28/09/2022

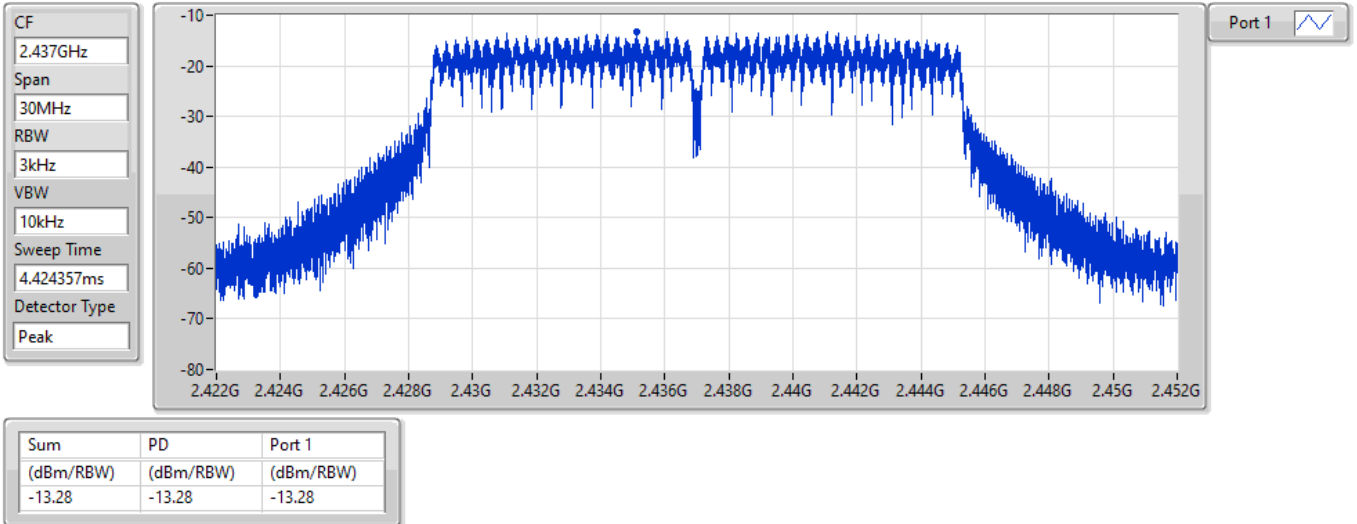


802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

28/09/2022

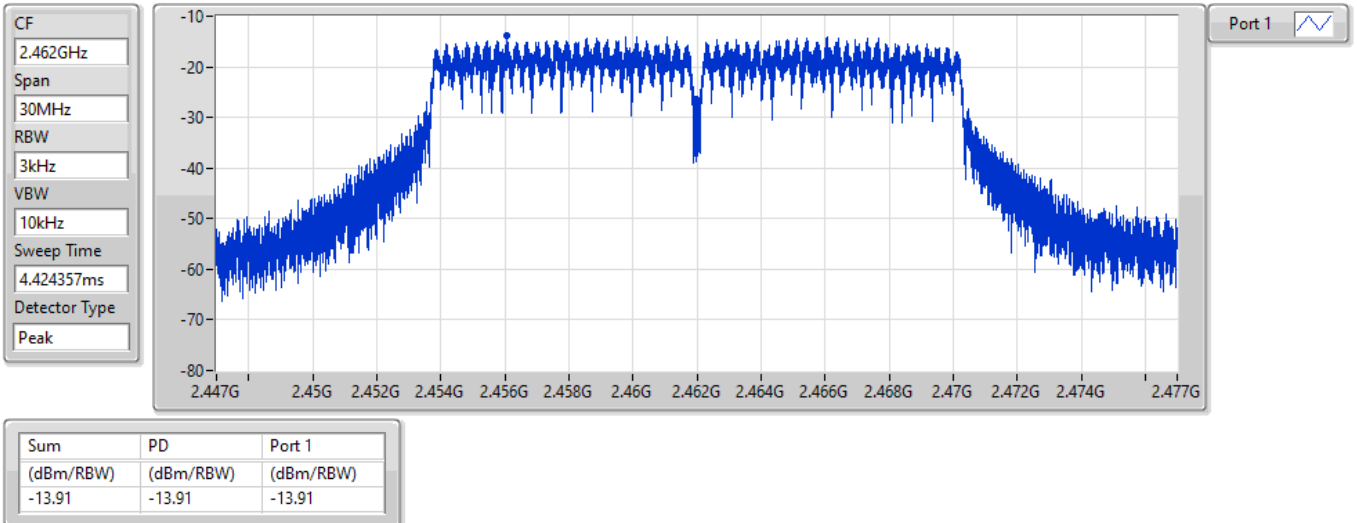


802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

28/09/2022

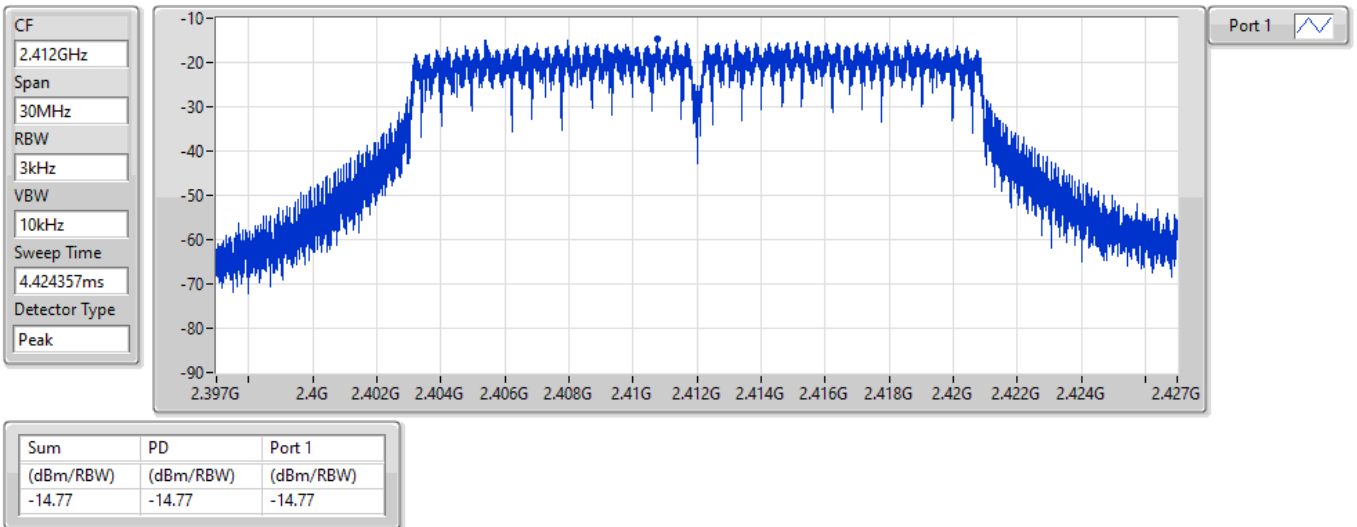


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2412MHz

28/09/2022

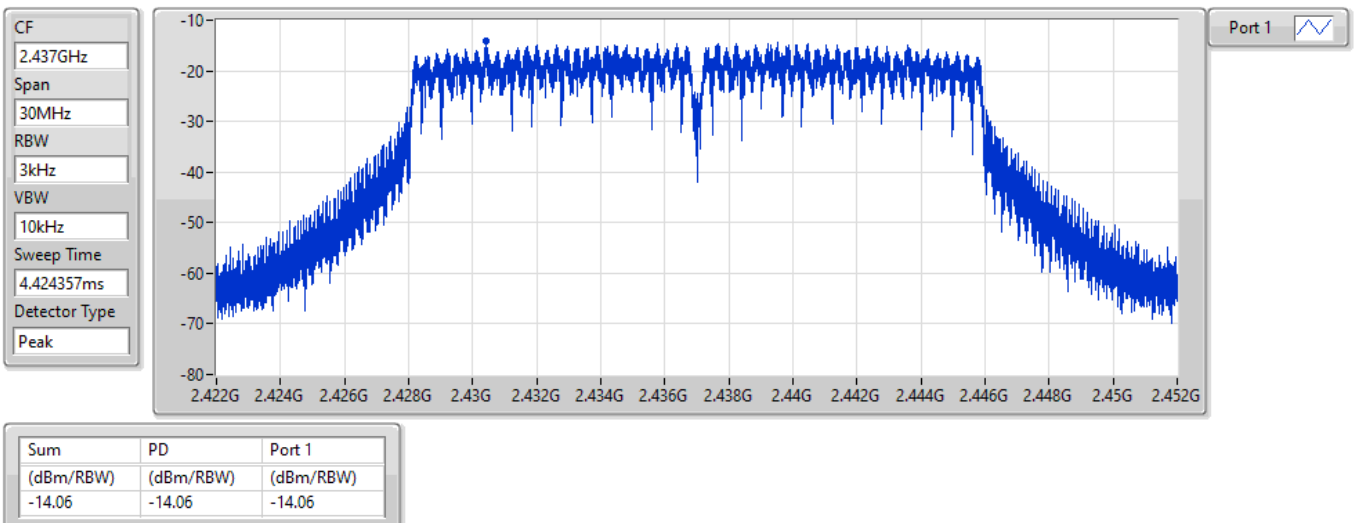


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

28/09/2022

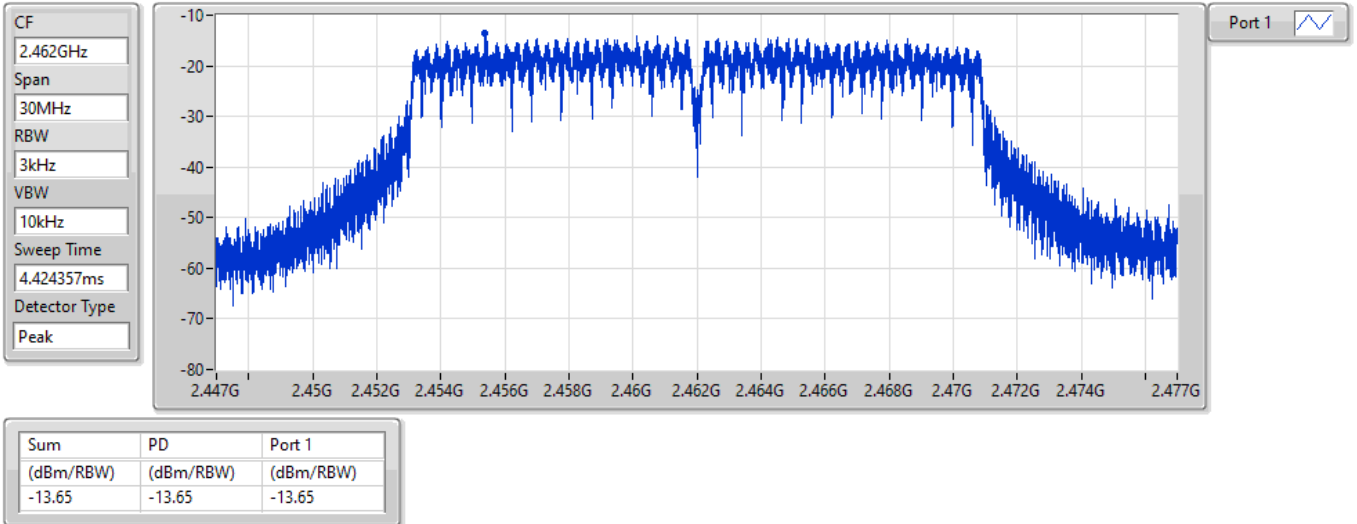


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz

28/09/2022

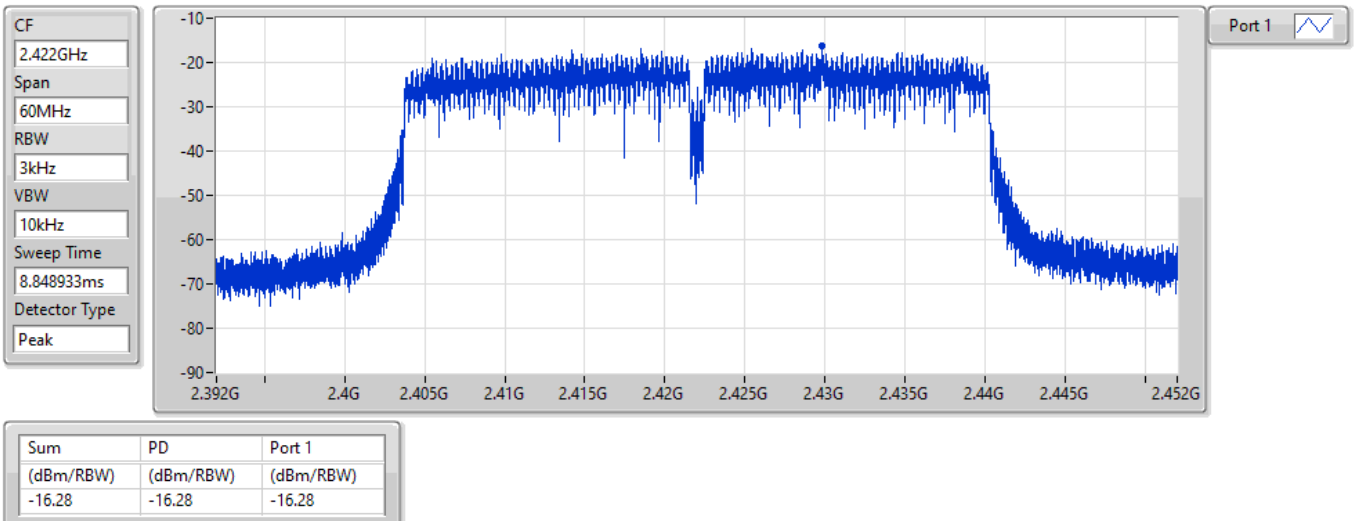


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

28/09/2022

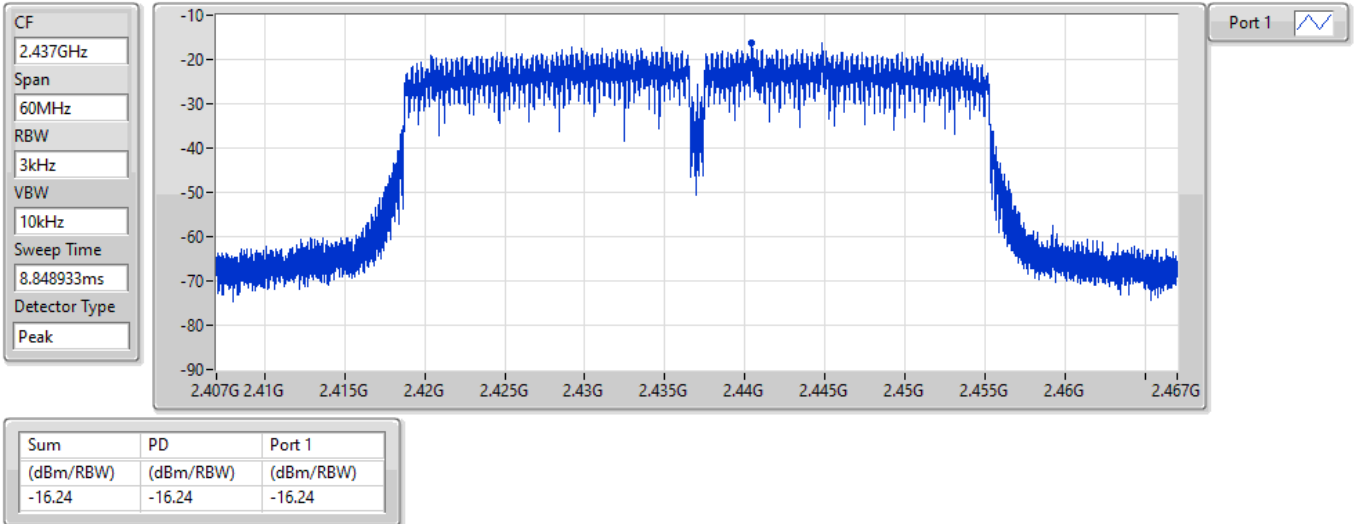


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

28/09/2022

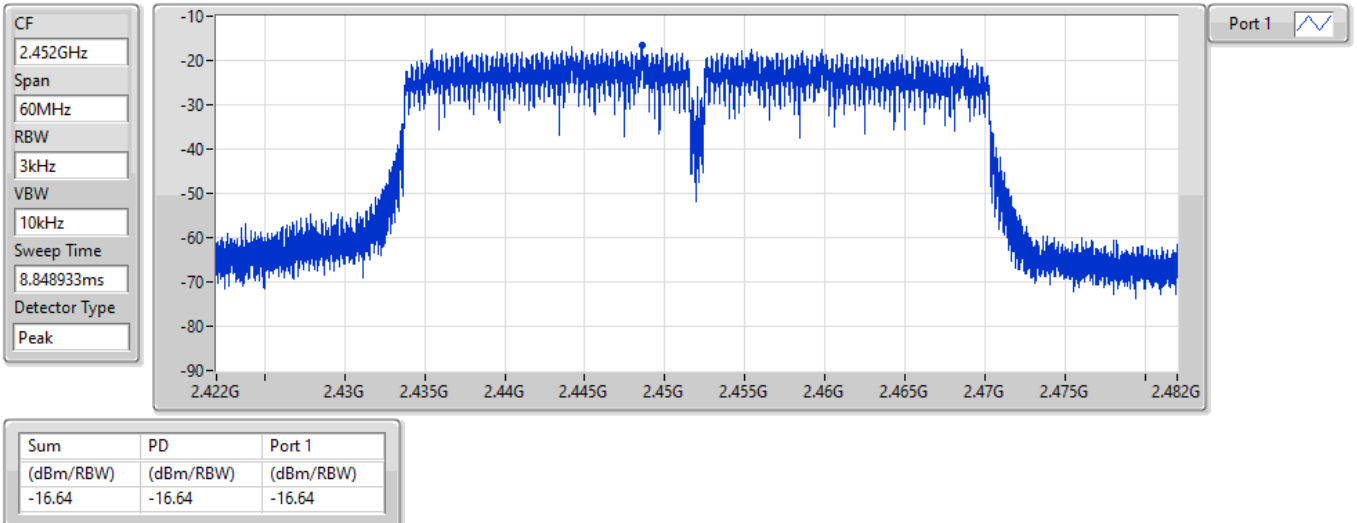


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

28/09/2022





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	2.43641G	6.66	-23.34	1.91847G	-57.79	2.4G	-38.34	2.4G	-39.30	2.5227G	-55.02	16.78484G	-43.12	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44108G	1.71	-28.29	2.14215G	-56.92	2.4G	-30.60	2.4G	-30.80	2.50734G	-55.49	15.27329G	-44.01	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.43407G	0.51	-29.49	2.12001G	-57.14	2.39992G	-33.57	2.4G	-34.12	2.51342G	-55.58	24.15713G	-43.41	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.44426G	-3.04	-33.04	1.94673G	-56.26	2.39984G	-43.34	2.4G	-44.99	2.55214G	-55.47	24.64663G	-43.82	1

Result

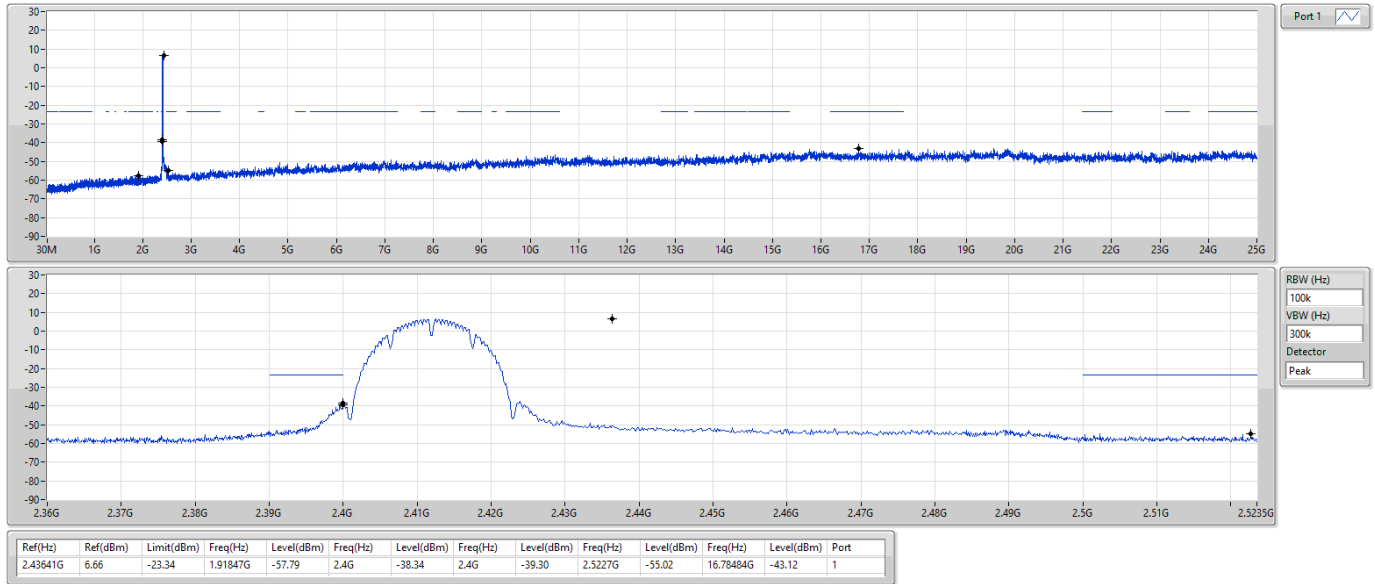
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	6.66	-23.34	1.91847G	-57.79	2.4G	-38.34	2.4G	-39.30	2.5227G	-55.02	16.78484G	-43.12	1
2437MHz	Pass	2.43641G	6.66	-23.34	2.14681G	-56.35	2.39624G	-53.82	2.4G	-53.99	2.51878G	-55.59	16.99275G	-43.70	1
2462MHz	Pass	2.43641G	6.66	-23.34	2.19224G	-57.50	2.39792G	-52.84	2.4G	-54.23	2.51406G	-54.67	17.24842G	-44.10	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44108G	1.71	-28.29	2.14215G	-56.92	2.4G	-30.60	2.4G	-30.80	2.50734G	-55.49	15.27329G	-44.01	1
2437MHz	Pass	2.44108G	1.71	-28.29	1.97555G	-57.53	2.39656G	-51.70	2.4G	-53.49	2.50758G	-55.60	15.05696G	-43.69	1
2462MHz	Pass	2.44108G	1.71	-28.29	2.30059G	-56.81	2.39912G	-53.21	2.4G	-54.60	2.50014G	-55.35	24.82862G	-44.01	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43407G	0.51	-29.49	2.12001G	-57.14	2.39992G	-33.57	2.4G	-34.12	2.51342G	-55.58	24.15713G	-43.41	1
2437MHz	Pass	2.43407G	0.51	-29.49	2.14681G	-57.43	2.39784G	-54.15	2.4G	-53.85	2.50086G	-55.29	17.45071G	-43.16	1
2462MHz	Pass	2.43407G	0.51	-29.49	2.06992G	-57.11	2.39928G	-53.31	2.4G	-56.31	2.50022G	-55.08	24.13746G	-43.33	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44426G	-3.04	-33.04	1.94673G	-56.26	2.39984G	-43.34	2.4G	-44.99	2.55214G	-55.47	24.64663G	-43.82	1
2437MHz	Pass	2.44426G	-3.04	-33.04	2.19634G	-57.73	2.39824G	-46.48	2.4G	-46.66	2.5203G	-54.76	21.81121G	-43.20	1
2452MHz	Pass	2.44426G	-3.04	-33.04	2.15512G	-56.85	2.39856G	-53.84	2.4G	-54.12	2.54862G	-55.25	24.75881G	-43.94	1

802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSEndB

28/09/2022

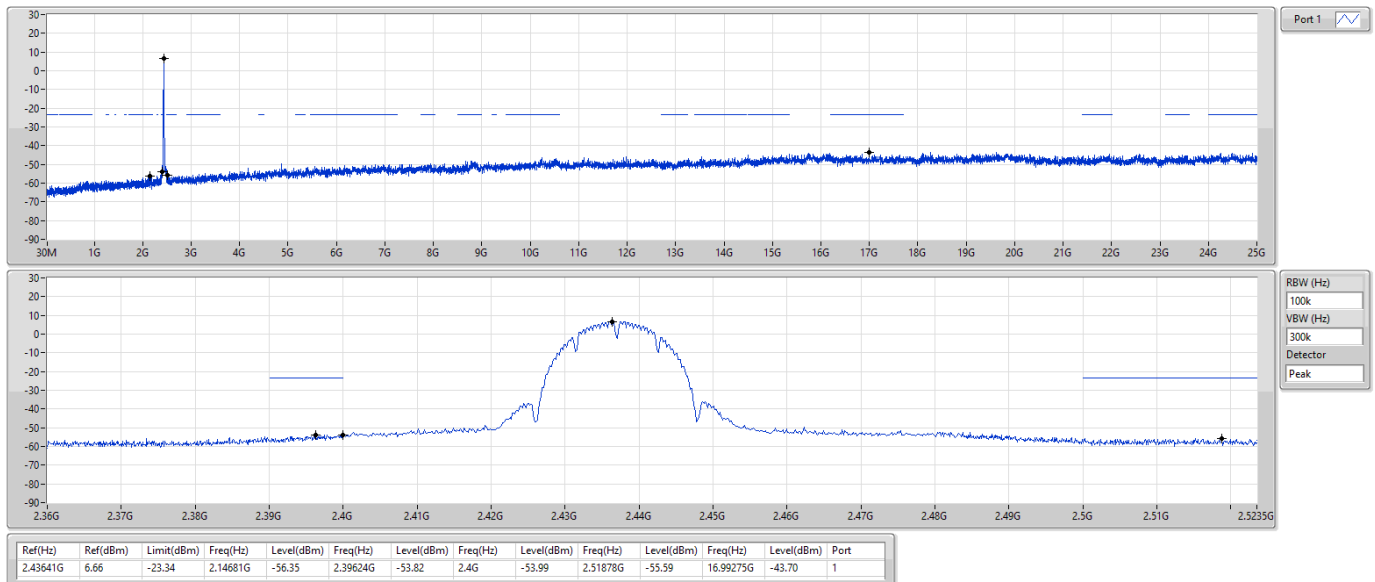


802.11b_Nss1,(1Mbps)_1TX

2437MHz

CSEndB

28/09/2022

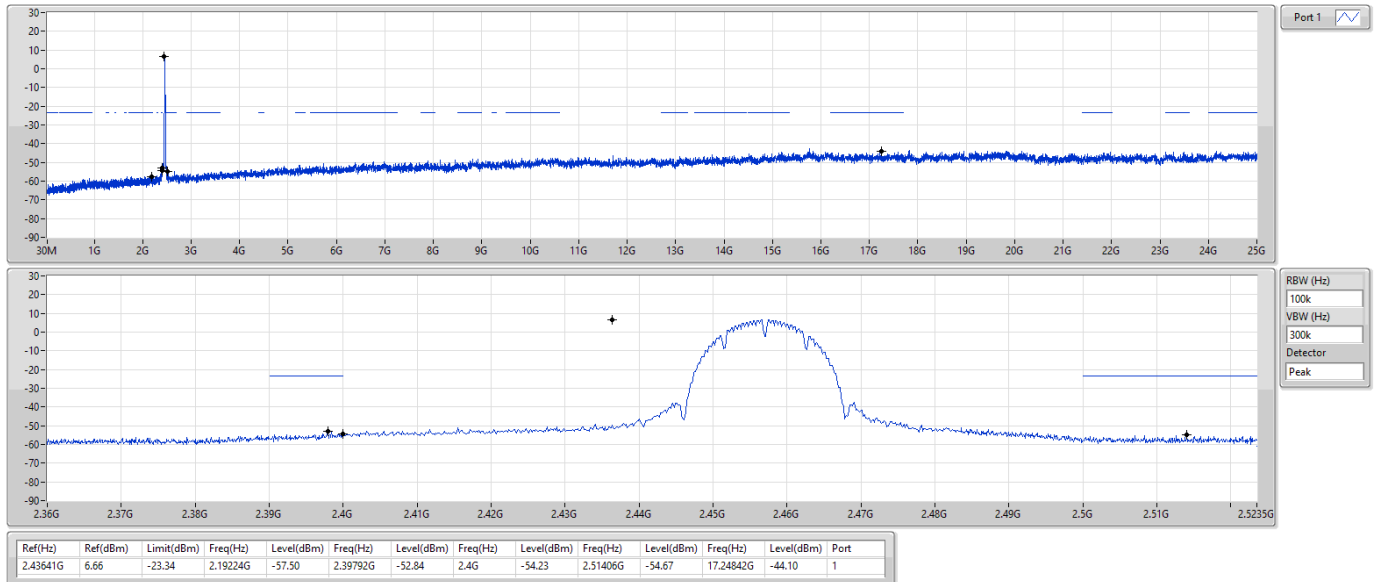


802.11b_Nss1,(1Mbps)_1TX

2462MHz

CSEndB

28/09/2022

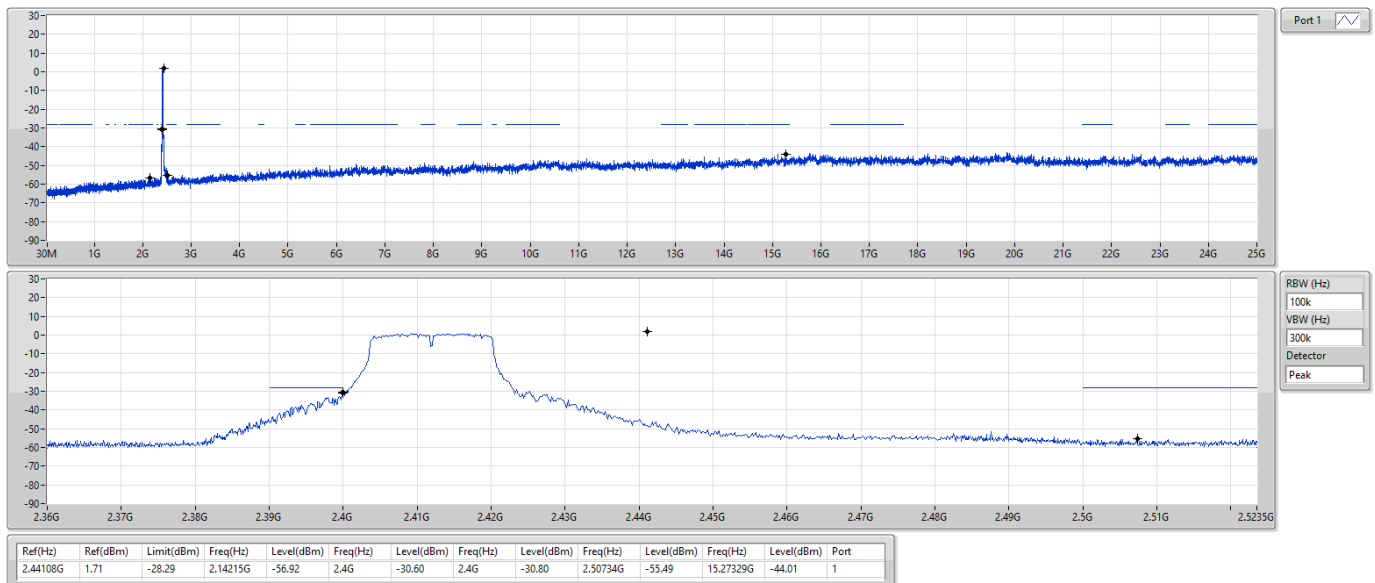


802.11g_Nss1,(6Mbps)_1TX

2412MHz

CSEndB

28/09/2022



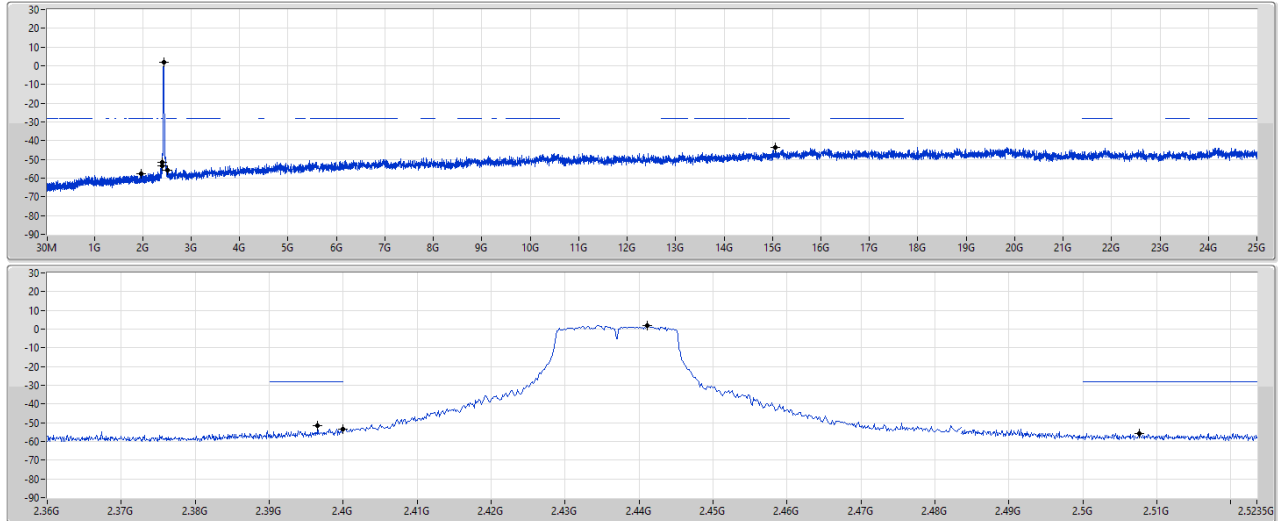
802.11g_Nss1,(6Mbps)_1TX

2437MHz

CSEndB

28/09/2022

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44108G	1.71	-28.29	1.97555G	-57.53	2.39656G	-51.70	2.4G	-53.49	2.50758G	-55.60	15.05696G	-43.69	1

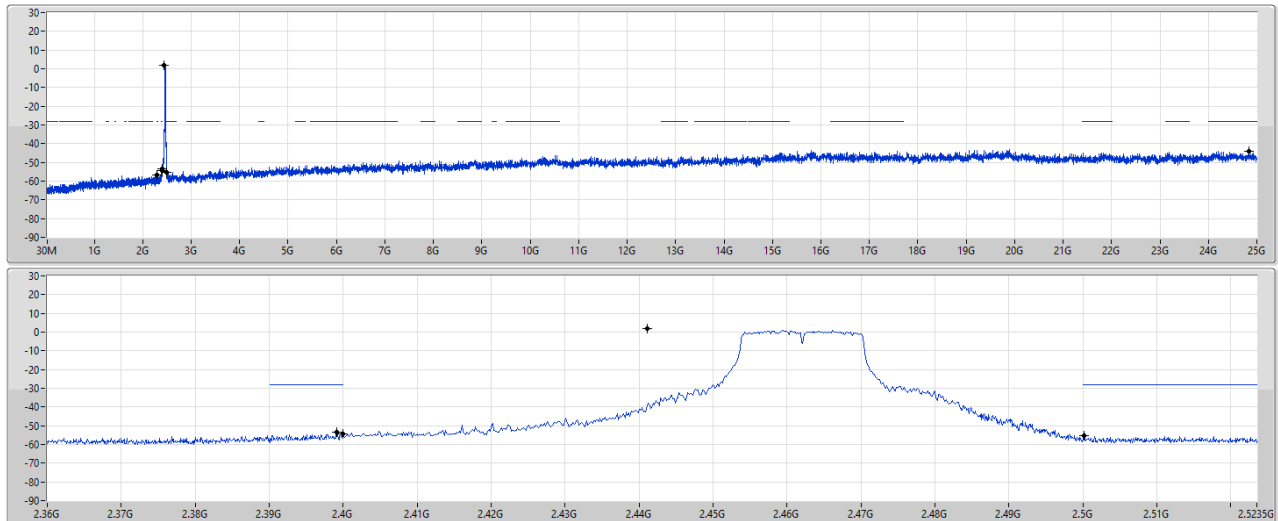
802.11g_Nss1,(6Mbps)_1TX

2462MHz

CSEndB

28/09/2022

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44108G	1.71	-28.29	2.30059G	-56.81	2.39912G	-53.21	2.4G	-54.60	2.50014G	-55.35	24.82862G	-44.01	1

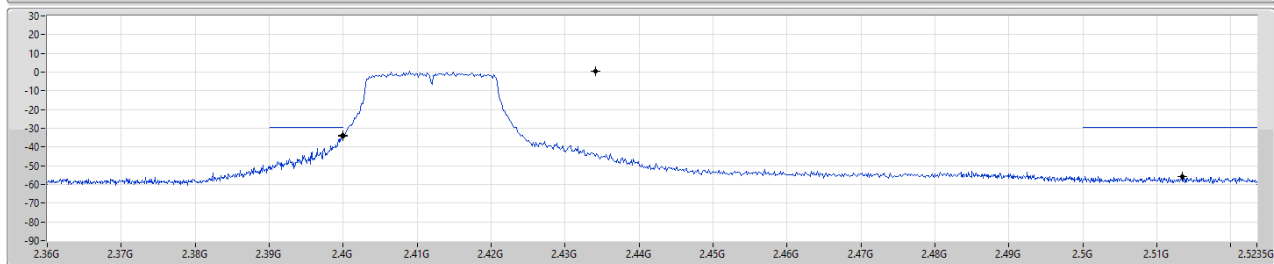
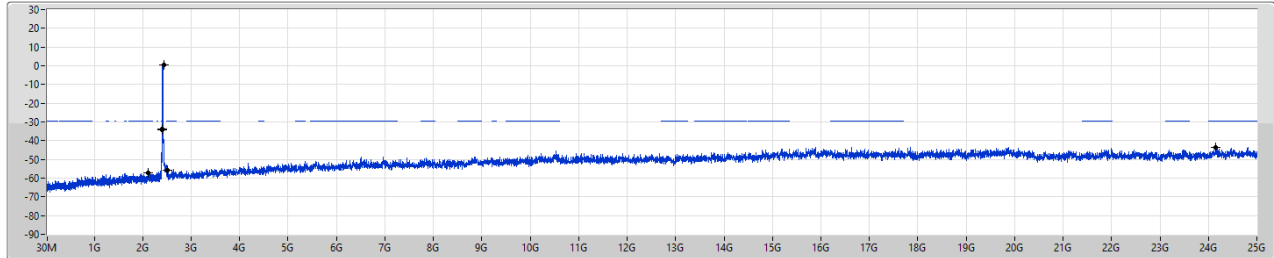
802.11n HT20_Nss1,(MCS0)_1TX

2412MHz

CSEndB

28/09/2022

Port 1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43407G	0.51	-29.49	2.12001G	-57.14	2.39992G	-33.57	2.4G	-34.12	2.51342G	-55.58	2.415713G	-43.41	1

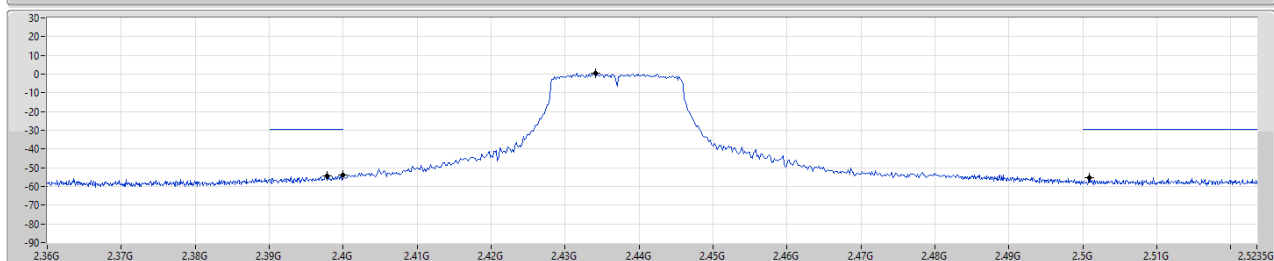
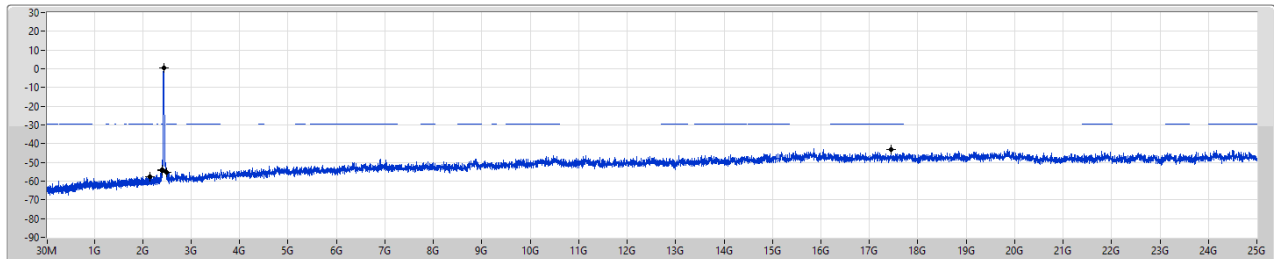
802.11n HT20_Nss1,(MCS0)_1TX

2437MHz

CSEndB

28/09/2022

Port 1



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

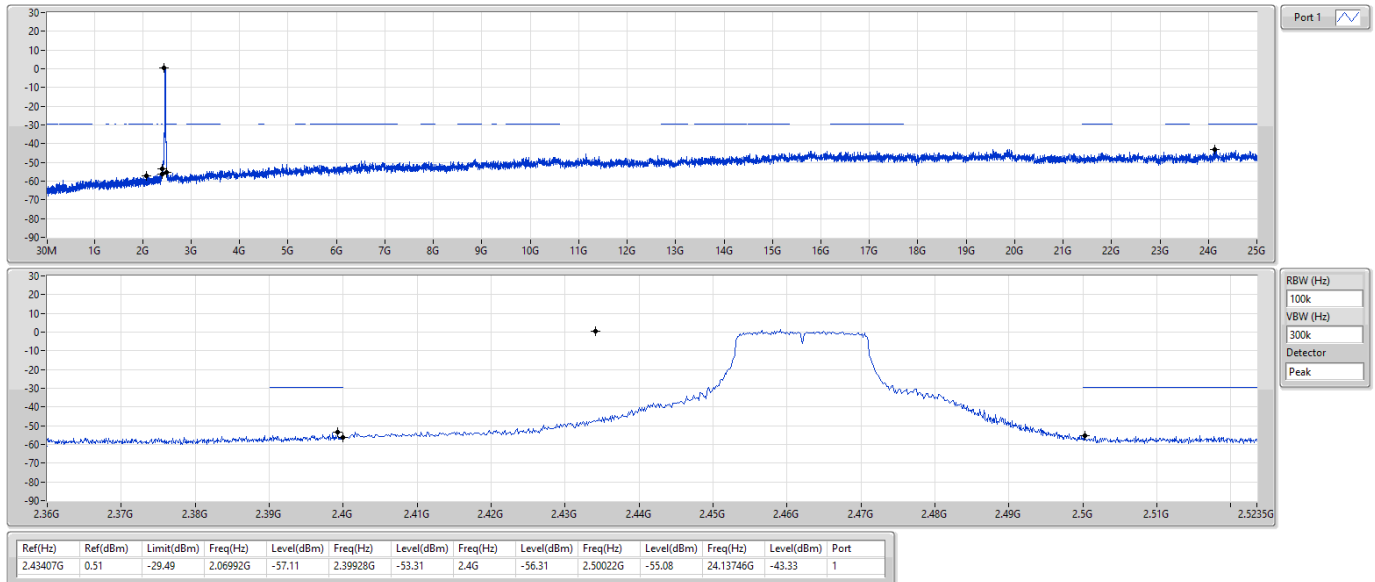
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43407G	0.51	-29.49	2.14681G	-57.43	2.39784G	-54.15	2.4G	-53.85	2.50086G	-55.29	2.45071G	-43.16	1

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz

CSEndB

28/09/2022

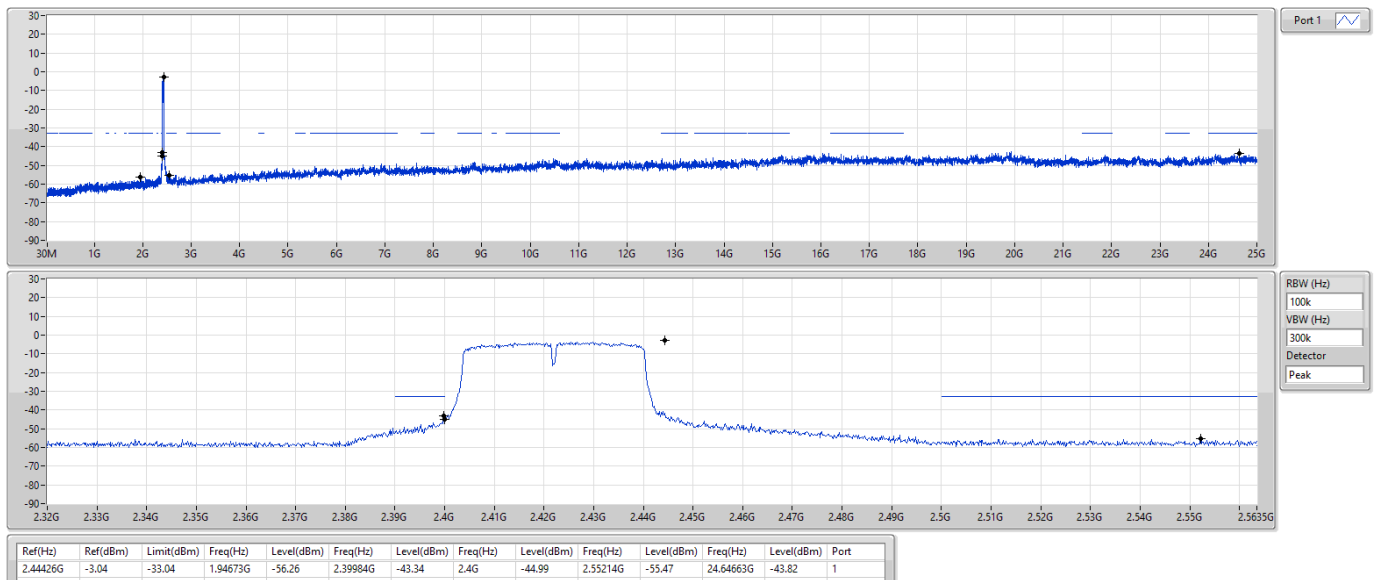


802.11n HT40_Nss1,(MCS0)_1TX

2422MHz

CSEndB

28/09/2022



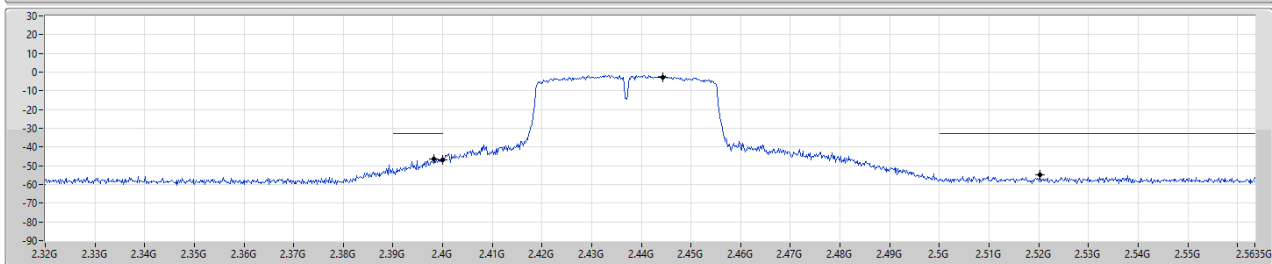
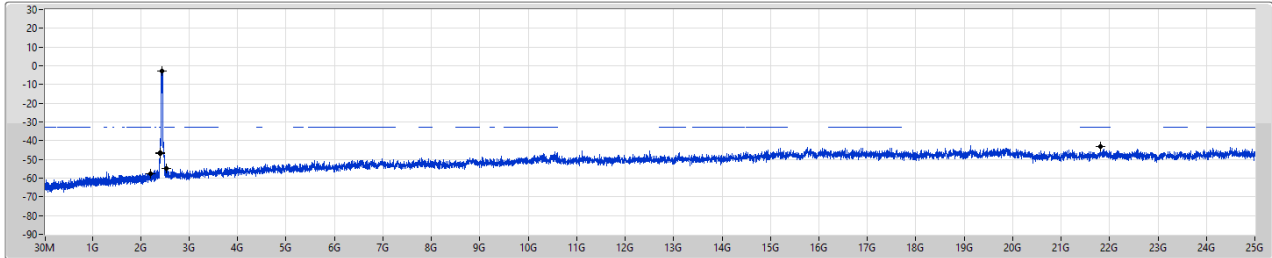
802.11n HT40_Nss1,(MCS0)_1TX

2437MHz

CSEndB

28/09/2022

Port 1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44426G	-3.04	-33.04	2.19634G	-57.73	2.39824G	-46.48	2.4G	-46.66	2.5203G	-54.76	2.181121G	-43.20	1

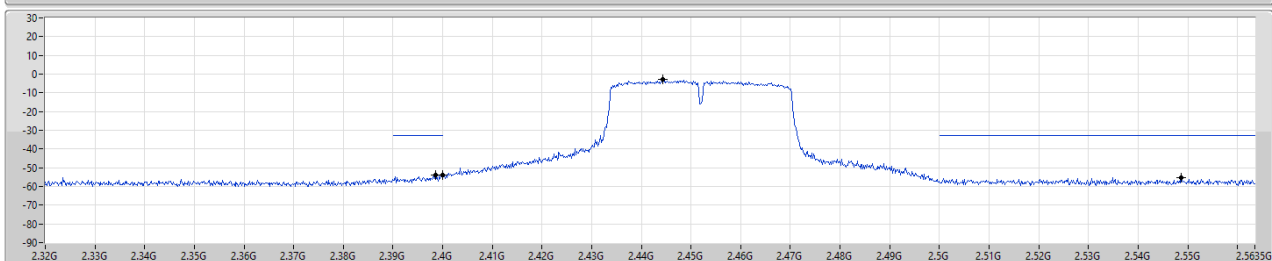
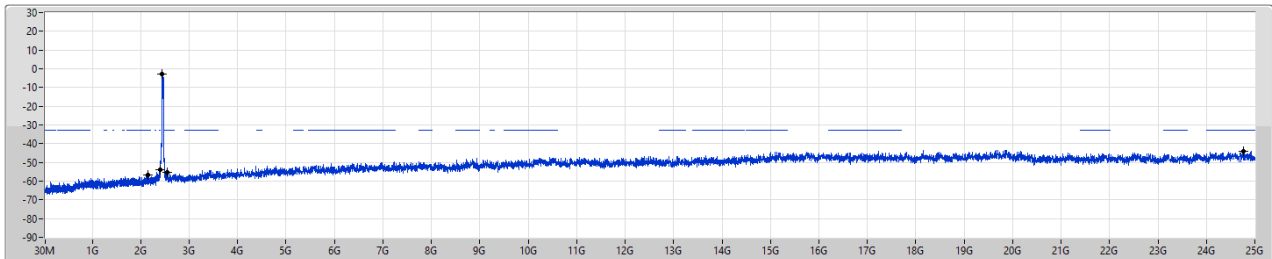
802.11n HT40_Nss1,(MCS0)_1TX

2452MHz

CSEndB

28/09/2022

Port 1



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44426G	-3.04	-33.04	2.15512G	-56.85	2.39856G	-53.84	2.4G	-54.12	2.54862G	-55.25	2.475881G	-43.94	1



Summary

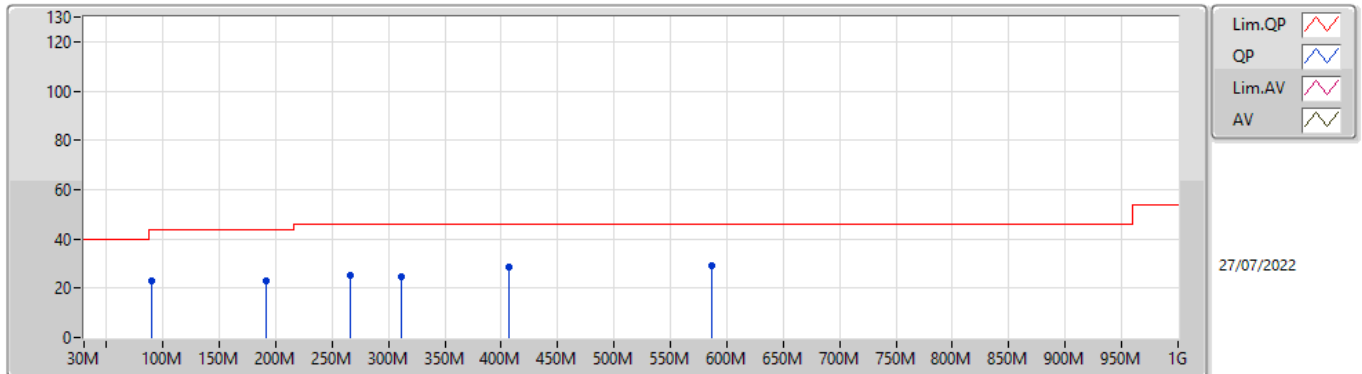
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	408.3M	33.02	46.00	-12.98	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	90.14M	23.11	43.50	-20.39	3	Vertical	360	1.00	-
2437MHz	Pass	PK	191.02M	22.98	43.50	-20.52	3	Vertical	360	1.00	-
2437MHz	Pass	PK	266.68M	25.40	46.00	-20.60	3	Vertical	360	1.00	-
2437MHz	Pass	PK	311.3M	24.53	46.00	-21.47	3	Vertical	360	1.00	-
2437MHz	Pass	PK	406.36M	28.39	46.00	-17.61	3	Vertical	360	1.00	-
2437MHz	Pass	PK	586.78M	28.91	46.00	-17.09	3	Vertical	360	1.00	-
2437MHz	Pass	PK	142.52M	26.96	43.50	-16.54	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	167.74M	28.88	43.50	-14.62	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	311.3M	31.51	46.00	-14.49	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	408.3M	33.02	46.00	-12.98	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	491.72M	27.81	46.00	-18.19	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	586.78M	31.13	46.00	-14.87	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

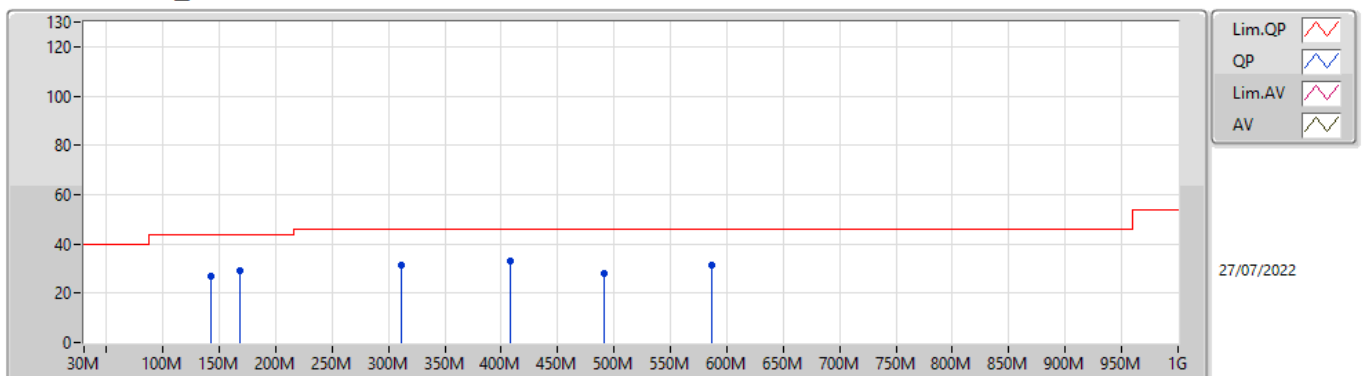
2437MHz_Test Fixture



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	23.11	43.50	-20.39	-11.83	3	Vertical	360	1.00	-	34.94	14.03	1.54	27.40
PK	191.02M	22.98	43.50	-20.52	-10.53	3	Vertical	360	1.00	-	33.51	14.11	2.29	26.93
PK	266.68M	25.40	46.00	-20.60	-5.82	3	Vertical	360	1.00	-	31.22	18.11	2.73	26.66
PK	311.3M	24.53	46.00	-21.47	-5.08	3	Vertical	360	1.00	-	29.61	18.62	2.97	26.67
PK	406.36M	28.39	46.00	-17.61	-2.57	3	Vertical	360	1.00	-	30.96	21.26	3.41	27.24
PK	586.78M	28.91	46.00	-17.09	-0.03	3	Vertical	360	1.00	-	28.94	23.78	4.15	27.96

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_Test Fixture



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	142.52M	26.96	43.50	-16.54	-9.21	3	Horizontal	0	1.00	-	36.17	16.01	1.96	27.18
PK	167.74M	28.88	43.50	-14.62	-10.15	3	Horizontal	0	1.00	-	39.03	14.78	2.13	27.06
PK	311.3M	31.51	46.00	-14.49	-5.08	3	Horizontal	0	1.00	-	36.59	18.62	2.97	26.67
PK	408.3M	33.02	46.00	-12.98	-2.46	3	Horizontal	0	1.00	-	35.48	21.38	3.41	27.25
PK	491.72M	27.81	46.00	-18.19	-1.34	3	Horizontal	0	1.00	-	29.15	22.63	3.77	27.74
PK	586.78M	31.13	46.00	-14.87	-0.03	3	Horizontal	0	1.00	-	31.16	23.78	4.15	27.96

**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	2.4926G	47.70	54.00	-6.30	3	Horizontal	329	1.47	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	53.67	54.00	-0.33	3	Horizontal	331	1.06	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	53.40	54.00	-0.60	3	Horizontal	331	1.07	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	52.99	54.00	-1.01	3	Horizontal	332	1.56	-

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	2.3892G	46.43	54.00	-7.57	3	Vertical	247	2.32	-
2412MHz	Pass	AV	2.4112G	92.57	Inf	-Inf	3	Vertical	247	2.32	-
2412MHz	Pass	PK	2.3626G	58.46	74.00	-15.54	3	Vertical	247	2.32	-
2412MHz	Pass	PK	2.4118G	95.30	Inf	-Inf	3	Vertical	247	2.32	-
2412MHz	Pass	AV	2.3892G	46.43	54.00	-7.57	3	Horizontal	340	1.37	-
2412MHz	Pass	AV	2.4128G	96.89	Inf	-Inf	3	Horizontal	340	1.37	-
2412MHz	Pass	PK	2.3684G	58.34	74.00	-15.66	3	Horizontal	340	1.37	-
2412MHz	Pass	PK	2.412G	99.70	Inf	-Inf	3	Horizontal	340	1.37	-
2412MHz	Pass	AV	4.82388G	33.96	54.00	-20.04	3	Vertical	231	2.74	-
2412MHz	Pass	PK	4.82584G	45.52	74.00	-28.48	3	Vertical	231	2.74	-
2412MHz	Pass	AV	4.82392G	33.72	54.00	-20.28	3	Horizontal	286	1.05	-
2412MHz	Pass	PK	4.8274G	45.44	74.00	-28.56	3	Horizontal	286	1.05	-
2437MHz	Pass	AV	2.389G	46.43	54.00	-7.57	3	Vertical	294	2.85	-
2437MHz	Pass	AV	2.4362G	90.44	Inf	-Inf	3	Vertical	294	2.85	-
2437MHz	Pass	AV	2.4994G	47.46	54.00	-6.54	3	Vertical	294	2.85	-
2437MHz	Pass	PK	2.3814G	58.30	74.00	-15.70	3	Vertical	294	2.85	-
2437MHz	Pass	PK	2.437G	93.18	Inf	-Inf	3	Vertical	294	2.85	-
2437MHz	Pass	PK	2.4934G	59.51	74.00	-14.49	3	Vertical	294	2.85	-
2437MHz	Pass	AV	2.389G	46.43	54.00	-7.57	3	Horizontal	331	1.32	-
2437MHz	Pass	AV	2.4362G	99.20	Inf	-Inf	3	Horizontal	331	1.32	-
2437MHz	Pass	AV	2.4854G	47.66	54.00	-6.34	3	Horizontal	331	1.32	-
2437MHz	Pass	PK	2.3878G	59.08	74.00	-14.92	3	Horizontal	331	1.32	-
2437MHz	Pass	PK	2.437G	101.90	Inf	-Inf	3	Horizontal	331	1.32	-
2437MHz	Pass	PK	2.4962G	59.78	74.00	-14.22	3	Horizontal	331	1.32	-
2437MHz	Pass	AV	4.87012G	33.25	54.00	-20.75	3	Vertical	281	1.28	-
2437MHz	Pass	PK	4.87116G	45.51	74.00	-28.49	3	Vertical	281	1.28	-
2437MHz	Pass	AV	4.87144G	33.38	54.00	-20.62	3	Horizontal	40	1.50	-
2437MHz	Pass	PK	4.87368G	45.90	74.00	-28.10	3	Horizontal	40	1.50	-
2462MHz	Pass	AV	2.4612G	92.22	Inf	-Inf	3	Vertical	142	2.84	-
2462MHz	Pass	AV	2.5G	47.47	54.00	-6.53	3	Vertical	142	2.84	-
2462MHz	Pass	PK	2.462G	94.91	Inf	-Inf	3	Vertical	142	2.84	-
2462MHz	Pass	PK	2.486G	59.27	74.00	-14.73	3	Vertical	142	2.84	-
2462MHz	Pass	AV	2.4628G	99.64	Inf	-Inf	3	Horizontal	329	1.47	-
2462MHz	Pass	AV	2.4926G	47.70	54.00	-6.30	3	Horizontal	329	1.47	-
2462MHz	Pass	PK	2.4622G	102.37	Inf	-Inf	3	Horizontal	329	1.47	-
2462MHz	Pass	PK	2.4942G	60.35	74.00	-13.65	3	Horizontal	329	1.47	-
2462MHz	Pass	AV	4.92876G	33.78	54.00	-20.22	3	Vertical	185	1.50	-
2462MHz	Pass	PK	4.92724G	47.59	74.00	-26.41	3	Vertical	185	1.50	-
2462MHz	Pass	AV	4.92236G	33.92	54.00	-20.08	3	Horizontal	276	1.50	-
2462MHz	Pass	PK	4.93064G	47.10	74.00	-26.90	3	Horizontal	276	1.50	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	46.70	54.00	-7.30	3	Vertical	140	2.84	-
2412MHz	Pass	AV	2.414G	86.31	Inf	-Inf	3	Vertical	140	2.84	-
2412MHz	Pass	PK	2.3686G	58.21	74.00	-15.79	3	Vertical	140	2.84	-
2412MHz	Pass	PK	2.4136G	94.68	Inf	-Inf	3	Vertical	140	2.84	-
2412MHz	Pass	AV	2.3896G	47.45	54.00	-6.55	3	Horizontal	340	1.38	-
2412MHz	Pass	AV	2.414G	93.76	Inf	-Inf	3	Horizontal	340	1.38	-
2412MHz	Pass	PK	2.3898G	60.43	74.00	-13.57	3	Horizontal	340	1.38	-
2412MHz	Pass	PK	2.4136G	102.16	Inf	-Inf	3	Horizontal	340	1.38	-
2412MHz	Pass	AV	4.84376G	33.20	54.00	-20.80	3	Vertical	338	1.50	-
2412MHz	Pass	PK	4.8248G	46.01	74.00	-27.99	3	Vertical	338	1.50	-
2412MHz	Pass	AV	4.84328G	33.19	54.00	-20.81	3	Horizontal	264	1.97	-
2412MHz	Pass	PK	4.834G	45.53	74.00	-28.47	3	Horizontal	264	1.97	-
2437MHz	Pass	AV	2.389G	46.43	54.00	-7.57	3	Vertical	263	2.87	-
2437MHz	Pass	AV	2.4342G	88.36	Inf	-Inf	3	Vertical	263	2.87	-
2437MHz	Pass	AV	2.4994G	47.46	54.00	-6.54	3	Vertical	263	2.87	-
2437MHz	Pass	PK	2.337G	58.21	74.00	-15.79	3	Vertical	263	2.87	-
2437MHz	Pass	PK	2.4386G	96.35	Inf	-Inf	3	Vertical	263	2.87	-
2437MHz	Pass	PK	2.4958G	58.51	74.00	-15.49	3	Vertical	263	2.87	-
2437MHz	Pass	AV	2.389G	46.69	54.00	-7.31	3	Horizontal	331	1.32	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4342G	95.84	Inf	-Inf	3	Horizontal	331	1.32	-
2437MHz	Pass	AV	2.4878G	47.68	54.00	-6.32	3	Horizontal	331	1.32	-
2437MHz	Pass	PK	2.385G	58.04	74.00	-15.96	3	Horizontal	331	1.32	-
2437MHz	Pass	PK	2.4386G	103.96	Inf	-Inf	3	Horizontal	331	1.32	-
2437MHz	Pass	PK	2.497G	58.96	74.00	-15.04	3	Horizontal	331	1.32	-
2437MHz	Pass	AV	4.86832G	33.36	54.00	-20.64	3	Vertical	37	2.45	-
2437MHz	Pass	PK	4.86676G	46.06	74.00	-27.94	3	Vertical	37	2.45	-
2437MHz	Pass	AV	4.86596G	33.33	54.00	-20.67	3	Horizontal	87	2.15	-
2437MHz	Pass	PK	4.86996G	45.59	74.00	-28.41	3	Horizontal	87	2.15	-
2457MHz	Pass	AV	2.4544G	90.36	Inf	-Inf	3	Vertical	225	2.81	-
2457MHz	Pass	AV	2.4835G	48.16	54.00	-5.84	3	Vertical	225	2.81	-
2457MHz	Pass	PK	2.4526G	98.24	Inf	-Inf	3	Vertical	225	2.81	-
2457MHz	Pass	PK	2.4838G	60.53	74.00	-13.47	3	Vertical	225	2.81	-
2457MHz	Pass	AV	2.4544G	96.37	Inf	-Inf	3	Horizontal	331	1.05	-
2457MHz	Pass	AV	2.4835G	49.95	54.00	-4.05	3	Horizontal	331	1.05	-
2457MHz	Pass	PK	2.4586G	104.31	Inf	-Inf	3	Horizontal	331	1.05	-
2457MHz	Pass	PK	2.484G	64.55	74.00	-9.45	3	Horizontal	331	1.05	-
2462MHz	Pass	AV	2.4594G	86.39	Inf	-Inf	3	Vertical	283	2.25	-
2462MHz	Pass	AV	2.4835G	48.41	54.00	-5.59	3	Vertical	283	2.25	-
2462MHz	Pass	PK	2.4576G	94.53	Inf	-Inf	3	Vertical	283	2.25	-
2462MHz	Pass	PK	2.4854G	60.66	74.00	-13.34	3	Vertical	283	2.25	-
2462MHz	Pass	AV	2.4594G	95.43	Inf	-Inf	3	Horizontal	331	1.06	-
2462MHz	Pass	AV	2.4835G	53.67	54.00	-0.33	3	Horizontal	331	1.06	-
2462MHz	Pass	PK	2.4636G	103.58	Inf	-Inf	3	Horizontal	331	1.06	-
2462MHz	Pass	PK	2.4835G	69.33	74.00	-4.67	3	Horizontal	331	1.06	-
2462MHz	Pass	AV	4.92832G	33.78	54.00	-20.22	3	Vertical	239	1.16	-
2462MHz	Pass	PK	4.93048G	46.17	74.00	-27.83	3	Vertical	239	1.16	-
2462MHz	Pass	AV	4.92716G	33.76	54.00	-20.24	3	Horizontal	251	2.22	-
2462MHz	Pass	PK	4.92192G	45.72	74.00	-28.28	3	Horizontal	251	2.22	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3888G	46.69	54.00	-7.31	3	Vertical	140	2.84	-
2412MHz	Pass	AV	2.415G	85.82	Inf	-Inf	3	Vertical	140	2.84	-
2412MHz	Pass	PK	2.3864G	58.60	74.00	-15.40	3	Vertical	140	2.84	-
2412MHz	Pass	PK	2.409G	94.85	Inf	-Inf	3	Vertical	140	2.84	-
2412MHz	Pass	AV	2.39G	47.45	54.00	-6.55	3	Horizontal	339	1.08	-
2412MHz	Pass	AV	2.4152G	93.33	Inf	-Inf	3	Horizontal	339	1.08	-
2412MHz	Pass	PK	2.39G	62.14	74.00	-11.86	3	Horizontal	339	1.08	-
2412MHz	Pass	PK	2.409G	101.51	Inf	-Inf	3	Horizontal	339	1.08	-
2412MHz	Pass	AV	4.82508G	33.00	54.00	-21.00	3	Vertical	189	2.50	-
2412MHz	Pass	PK	4.82608G	44.77	74.00	-29.23	3	Vertical	189	2.50	-
2412MHz	Pass	AV	4.82632G	33.00	54.00	-21.00	3	Horizontal	281	1.28	-
2412MHz	Pass	PK	4.83332G	45.00	74.00	-29.00	3	Horizontal	281	1.28	-
2437MHz	Pass	AV	2.389G	46.43	54.00	-7.57	3	Vertical	263	2.87	-
2437MHz	Pass	AV	2.4338G	87.80	Inf	-Inf	3	Vertical	263	2.87	-
2437MHz	Pass	AV	2.4994G	47.46	54.00	-6.54	3	Vertical	263	2.87	-
2437MHz	Pass	PK	2.3714G	57.86	74.00	-16.14	3	Vertical	263	2.87	-
2437MHz	Pass	PK	2.4342G	96.64	Inf	-Inf	3	Vertical	263	2.87	-
2437MHz	Pass	PK	2.4886G	59.14	74.00	-14.86	3	Vertical	263	2.87	-
2437MHz	Pass	AV	2.3898G	46.70	54.00	-7.30	3	Horizontal	331	1.31	-
2437MHz	Pass	AV	2.4338G	95.24	Inf	-Inf	3	Horizontal	331	1.31	-
2437MHz	Pass	AV	2.4886G	47.68	54.00	-6.32	3	Horizontal	331	1.31	-
2437MHz	Pass	PK	2.375G	58.62	74.00	-15.38	3	Horizontal	331	1.31	-
2437MHz	Pass	PK	2.4342G	104.34	Inf	-Inf	3	Horizontal	331	1.31	-
2437MHz	Pass	PK	2.491G	59.89	74.00	-14.11	3	Horizontal	331	1.31	-
2437MHz	Pass	AV	4.8706G	33.25	54.00	-20.75	3	Vertical	338	2.60	-
2437MHz	Pass	PK	4.86832G	45.46	74.00	-28.54	3	Vertical	338	2.60	-
2437MHz	Pass	AV	4.86888G	33.37	54.00	-20.63	3	Horizontal	300	1.05	-
2437MHz	Pass	PK	4.87472G	46.28	74.00	-27.72	3	Horizontal	300	1.05	-
2457MHz	Pass	AV	2.4538G	89.96	Inf	-Inf	3	Vertical	225	2.80	-
2457MHz	Pass	AV	2.4835G	48.16	54.00	-5.84	3	Vertical	225	2.80	-
2457MHz	Pass	PK	2.4542G	99.15	Inf	-Inf	3	Vertical	225	2.80	-
2457MHz	Pass	PK	2.484G	60.35	74.00	-13.65	3	Vertical	225	2.80	-



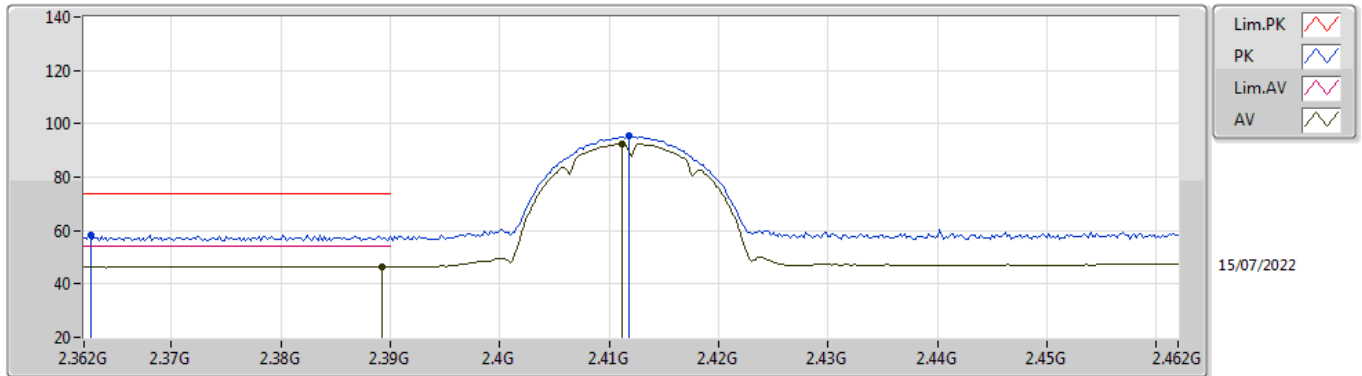
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	2.4538G	95.71	Inf	-Inf	3	Horizontal	330	1.06	-
2457MHz	Pass	AV	2.4835G	49.95	54.00	-4.05	3	Horizontal	330	1.06	-
2457MHz	Pass	PK	2.454G	104.63	Inf	-Inf	3	Horizontal	330	1.06	-
2457MHz	Pass	PK	2.4842G	65.78	74.00	-8.22	3	Horizontal	330	1.06	-
2462MHz	Pass	AV	2.4588G	88.49	Inf	-Inf	3	Vertical	225	2.77	-
2462MHz	Pass	AV	2.4835G	49.95	54.00	-4.05	3	Vertical	225	2.77	-
2462MHz	Pass	PK	2.459G	97.71	Inf	-Inf	3	Vertical	225	2.77	-
2462MHz	Pass	PK	2.4838G	65.54	74.00	-8.46	3	Vertical	225	2.77	-
2462MHz	Pass	AV	2.4588G	94.72	Inf	-Inf	3	Horizontal	331	1.07	-
2462MHz	Pass	AV	2.4835G	53.40	54.00	-0.60	3	Horizontal	331	1.07	-
2462MHz	Pass	PK	2.459G	104.04	Inf	-Inf	3	Horizontal	331	1.07	-
2462MHz	Pass	PK	2.4835G	72.25	74.00	-1.75	3	Horizontal	331	1.07	-
2462MHz	Pass	AV	4.92648G	33.75	54.00	-20.25	3	Vertical	192	1.31	-
2462MHz	Pass	PK	4.925G	45.97	74.00	-28.03	3	Vertical	192	1.31	-
2462MHz	Pass	AV	4.92576G	33.72	54.00	-20.28	3	Horizontal	44	1.62	-
2462MHz	Pass	PK	4.91436G	46.59	74.00	-27.41	3	Horizontal	44	1.62	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3888G	46.95	54.00	-7.05	3	Vertical	263	2.87	-
2422MHz	Pass	AV	2.4276G	84.24	Inf	-Inf	3	Vertical	263	2.87	-
2422MHz	Pass	AV	2.5G	47.47	54.00	-6.53	3	Vertical	263	2.87	-
2422MHz	Pass	PK	2.3828G	58.52	74.00	-15.48	3	Vertical	263	2.87	-
2422MHz	Pass	PK	2.4292G	93.32	Inf	-Inf	3	Vertical	263	2.87	-
2422MHz	Pass	PK	2.4996G	58.75	74.00	-15.25	3	Vertical	263	2.87	-
2422MHz	Pass	AV	2.39G	48.79	54.00	-5.21	3	Horizontal	332	1.80	-
2422MHz	Pass	AV	2.4276G	90.59	Inf	-Inf	3	Horizontal	332	1.80	-
2422MHz	Pass	AV	2.484G	48.16	54.00	-5.84	3	Horizontal	332	1.80	-
2422MHz	Pass	PK	2.39G	63.18	74.00	-10.82	3	Horizontal	332	1.80	-
2422MHz	Pass	PK	2.4292G	99.91	Inf	-Inf	3	Horizontal	332	1.80	-
2422MHz	Pass	PK	2.484G	60.41	74.00	-13.59	3	Horizontal	332	1.80	-
2422MHz	Pass	AV	4.8486G	33.23	54.00	-20.77	3	Vertical	164	2.83	-
2422MHz	Pass	PK	4.841G	45.36	74.00	-28.64	3	Vertical	164	2.83	-
2422MHz	Pass	AV	4.84792G	33.23	54.00	-20.77	3	Horizontal	48	1.24	-
2422MHz	Pass	PK	4.84668G	45.20	74.00	-28.80	3	Horizontal	48	1.24	-
2437MHz	Pass	AV	2.389G	46.43	54.00	-7.57	3	Vertical	281	2.22	-
2437MHz	Pass	AV	2.4442G	84.39	Inf	-Inf	3	Vertical	281	2.22	-
2437MHz	Pass	AV	2.4835G	48.64	54.00	-5.36	3	Vertical	281	2.22	-
2437MHz	Pass	PK	2.3466G	58.68	74.00	-15.32	3	Vertical	281	2.22	-
2437MHz	Pass	PK	2.4438G	93.70	Inf	-Inf	3	Vertical	281	2.22	-
2437MHz	Pass	PK	2.4838G	59.72	74.00	-14.28	3	Vertical	281	2.22	-
2437MHz	Pass	AV	2.3894G	47.21	54.00	-6.79	3	Horizontal	332	1.55	-
2437MHz	Pass	AV	2.4462G	93.00	Inf	-Inf	3	Horizontal	332	1.55	-
2437MHz	Pass	AV	2.4835G	51.93	54.00	-2.07	3	Horizontal	332	1.55	-
2437MHz	Pass	PK	2.389G	59.51	74.00	-14.49	3	Horizontal	332	1.55	-
2437MHz	Pass	PK	2.4442G	101.76	Inf	-Inf	3	Horizontal	332	1.55	-
2437MHz	Pass	PK	2.485G	65.59	74.00	-8.41	3	Horizontal	332	1.55	-
2437MHz	Pass	AV	4.87008G	33.25	54.00	-20.75	3	Vertical	285	1.39	-
2437MHz	Pass	PK	4.88044G	45.14	74.00	-28.86	3	Vertical	285	1.39	-
2437MHz	Pass	AV	4.86908G	33.37	54.00	-20.63	3	Horizontal	101	1.49	-
2437MHz	Pass	PK	4.87132G	45.26	74.00	-28.74	3	Horizontal	101	1.49	-
2447MHz	Pass	AV	2.389G	46.43	54.00	-7.57	3	Vertical	223	2.82	-
2447MHz	Pass	AV	2.4502G	85.74	Inf	-Inf	3	Vertical	223	2.82	-
2447MHz	Pass	AV	2.485G	49.11	54.00	-4.89	3	Vertical	223	2.82	-
2447MHz	Pass	PK	2.355G	58.39	74.00	-15.61	3	Vertical	223	2.82	-
2447MHz	Pass	PK	2.4542G	94.46	Inf	-Inf	3	Vertical	223	2.82	-
2447MHz	Pass	PK	2.4835G	61.54	74.00	-12.46	3	Vertical	223	2.82	-
2447MHz	Pass	AV	2.3878G	46.68	54.00	-7.32	3	Horizontal	331	1.55	-
2447MHz	Pass	AV	2.4486G	92.30	Inf	-Inf	3	Horizontal	331	1.55	-
2447MHz	Pass	AV	2.4835G	52.84	54.00	-1.16	3	Horizontal	331	1.55	-
2447MHz	Pass	PK	2.3778G	58.03	74.00	-15.97	3	Horizontal	331	1.55	-
2447MHz	Pass	PK	2.4538G	100.65	Inf	-Inf	3	Horizontal	331	1.55	-
2447MHz	Pass	PK	2.4835G	69.79	74.00	-4.21	3	Horizontal	331	1.55	-
2452MHz	Pass	AV	2.3892G	46.43	54.00	-7.57	3	Vertical	225	2.82	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.4536G	85.43	Inf	-Inf	3	Vertical	225	2.82	-
2452MHz	Pass	AV	2.4835G	49.54	54.00	-4.46	3	Vertical	225	2.82	-
2452MHz	Pass	PK	2.3824G	58.96	74.00	-15.04	3	Vertical	225	2.82	-
2452MHz	Pass	PK	2.4588G	93.66	Inf	-Inf	3	Vertical	225	2.82	-
2452MHz	Pass	PK	2.486G	63.49	74.00	-10.51	3	Vertical	225	2.82	-
2452MHz	Pass	AV	2.3892G	46.43	54.00	-7.57	3	Horizontal	332	1.56	-
2452MHz	Pass	AV	2.4476G	91.76	Inf	-Inf	3	Horizontal	332	1.56	-
2452MHz	Pass	AV	2.4835G	52.99	54.00	-1.01	3	Horizontal	332	1.56	-
2452MHz	Pass	PK	2.3888G	58.15	74.00	-15.85	3	Horizontal	332	1.56	-
2452MHz	Pass	PK	2.4452G	100.76	Inf	-Inf	3	Horizontal	332	1.56	-
2452MHz	Pass	PK	2.486G	67.50	74.00	-6.50	3	Horizontal	332	1.56	-
2452MHz	Pass	AV	4.91268G	33.51	54.00	-20.49	3	Vertical	111	1.60	-
2452MHz	Pass	PK	4.9044G	45.37	74.00	-28.63	3	Vertical	111	1.60	-
2452MHz	Pass	AV	4.91192G	33.49	54.00	-20.51	3	Horizontal	230	2.22	-
2452MHz	Pass	PK	4.89828G	45.66	74.00	-28.34	3	Horizontal	230	2.22	-

802.11b_Nss1,(1Mbps)_1TX

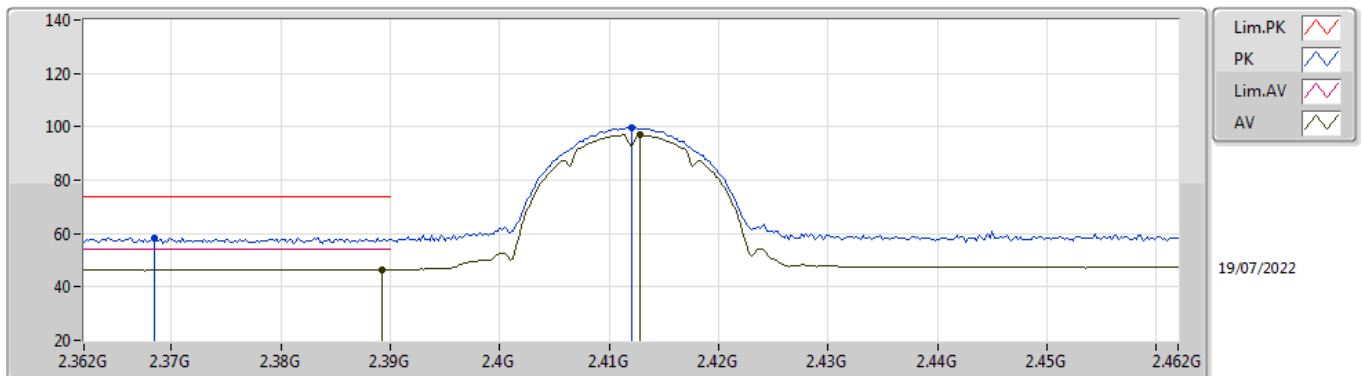
2412MHz_TX



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	46.43	54.00	-7.57	31.75	3	Vertical	247	2.32	-	14.68	27.38	4.37	-
AV	2.4112G	92.57	Inf	-Inf	31.84	3	Vertical	247	2.32	-	60.73	27.44	4.40	-
PK	2.3626G	58.46	74.00	-15.54	31.67	3	Vertical	247	2.32	-	26.79	27.33	4.34	-
PK	2.4118G	95.30	Inf	-Inf	31.85	3	Vertical	247	2.32	-	63.45	27.45	4.40	-

802.11b_Nss1,(1Mbps)_1TX

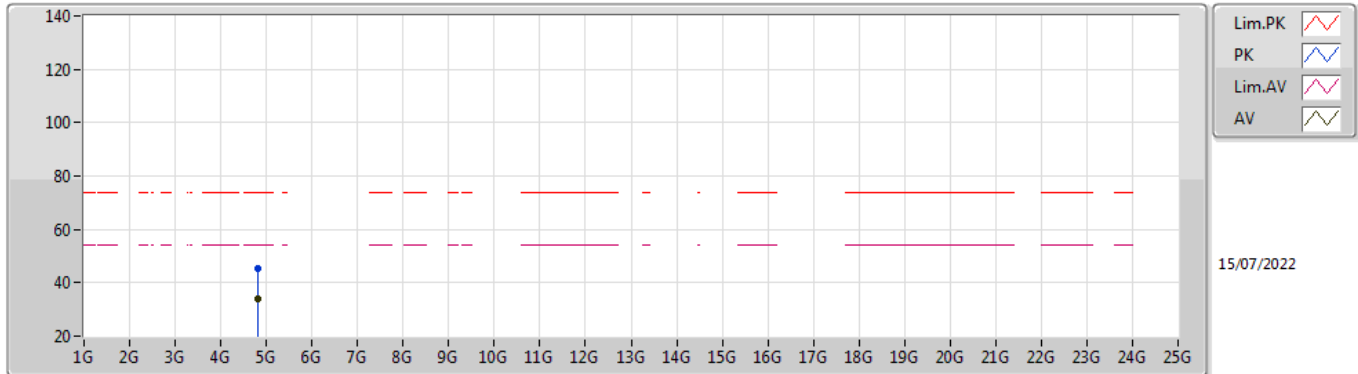
2412MHz_TX



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	46.43	54.00	-7.57	31.75	3	Horizontal	340	1.37	-	14.68	27.38	4.37	-
AV	2.4128G	96.89	Inf	-Inf	31.85	3	Horizontal	340	1.37	-	65.04	27.45	4.40	-
PK	2.3684G	58.34	74.00	-15.66	31.69	3	Horizontal	340	1.37	-	26.65	27.34	4.35	-
PK	2.412G	99.70	Inf	-Inf	31.85	3	Horizontal	340	1.37	-	67.85	27.45	4.40	-

802.11b_Nss1,(1Mbps)_1TX

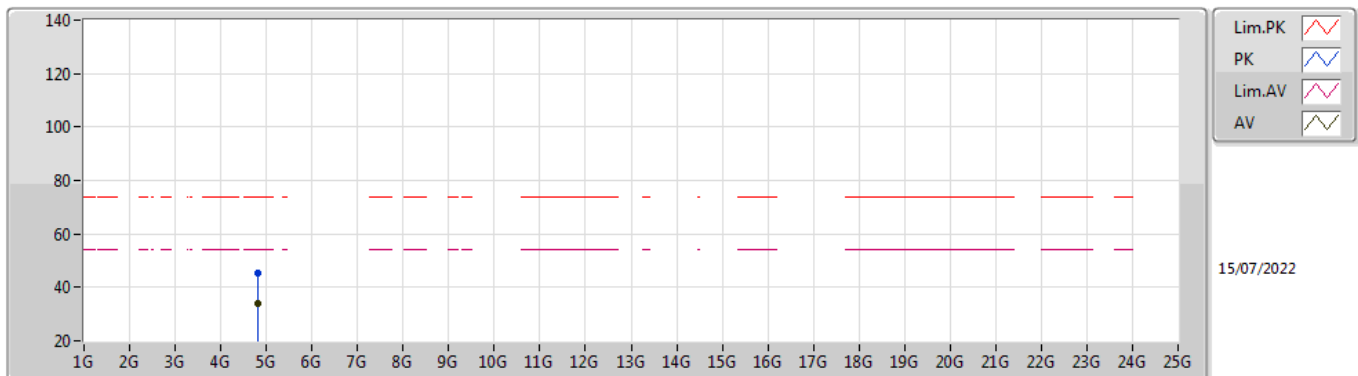
2412MHz_TX



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	4.82388G	33.96	54.00	-20.04	8.85	3	Vertical	231	2.74	-	25.11	32.60	6.27	30.02
PK	4.82584G	45.52	74.00	-28.48	8.86	3	Vertical	231	2.74	-	36.66	32.60	6.28	30.02

802.11b_Nss1,(1Mbps)_1TX

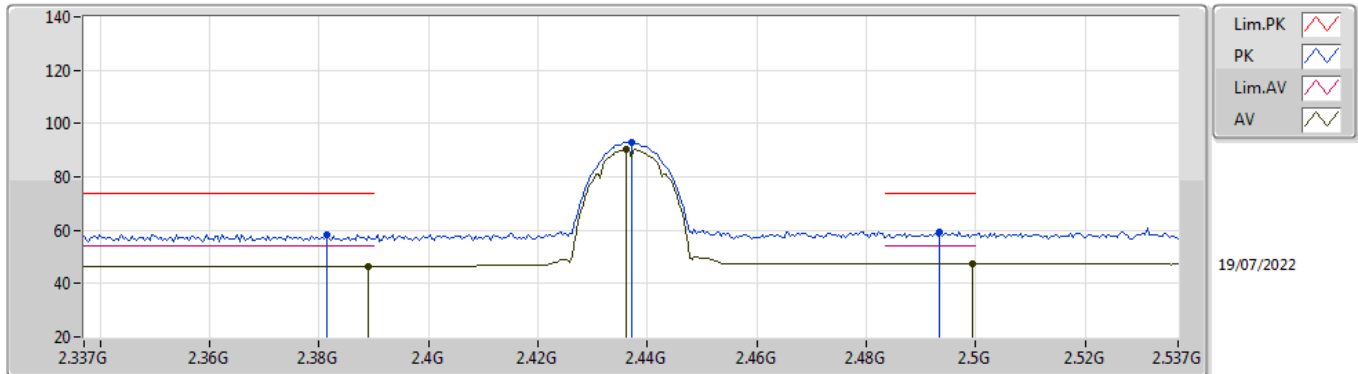
2412MHz_TX



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	4.82392G	33.72	54.00	-20.28	8.85	3	Horizontal	286	1.05	-	24.87	32.60	6.27	30.02
PK	4.8274G	45.44	74.00	-28.56	8.87	3	Horizontal	286	1.05	-	36.57	32.61	6.28	30.02

802.11b_Nss1,(1Mbps)_1TX

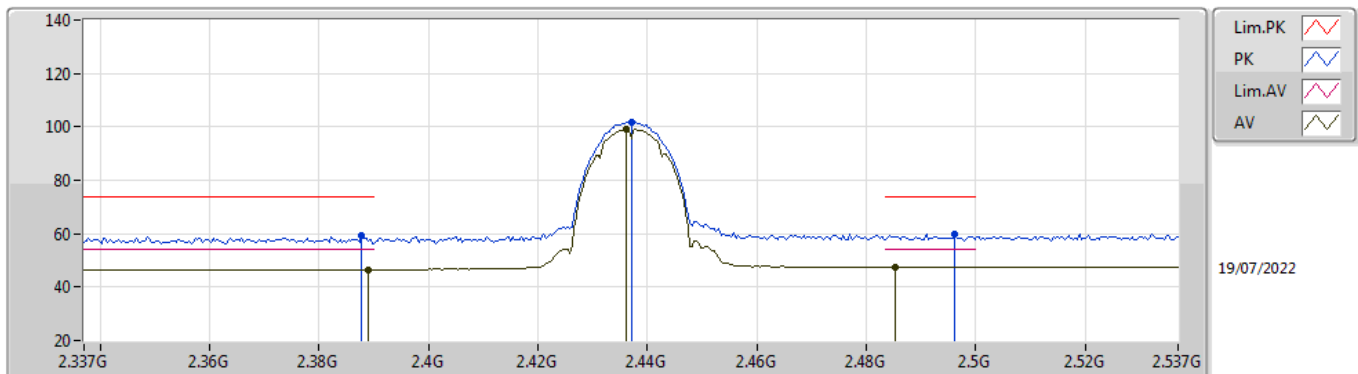
2437MHz_TX



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	2.389G	46.43	54.00	-7.57	31.75	3	Vertical	294	2.85	-	14.68	27.38	4.37	-
AV	2.4362G	90.44	Inf	-Inf	31.97	3	Vertical	294	2.85	-	58.47	27.54	4.43	-
AV	2.4994G	47.46	54.00	-6.54	32.42	3	Vertical	294	2.85	-	15.04	27.90	4.52	-
PK	2.3814G	58.30	74.00	-15.70	31.72	3	Vertical	294	2.85	-	26.58	27.36	4.36	-
PK	2.437G	93.18	Inf	-Inf	31.98	3	Vertical	294	2.85	-	61.20	27.55	4.43	-
PK	2.4934G	59.51	74.00	-14.49	32.38	3	Vertical	294	2.85	-	27.13	27.86	4.52	-

802.11b_Nss1,(1Mbps)_1TX

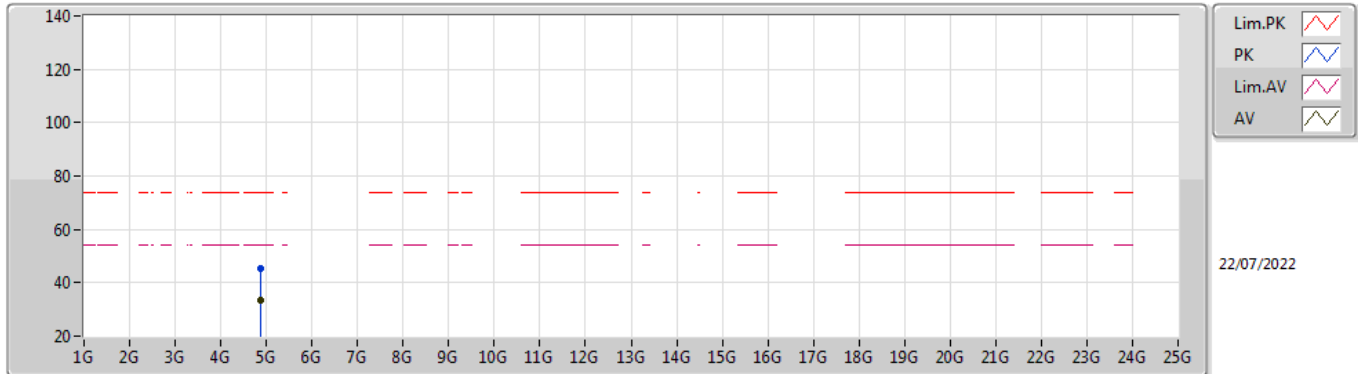
2437MHz_TX



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	2.389G	46.43	54.00	-7.57	31.75	3	Horizontal	331	1.32	-	14.68	27.38	4.37	-
AV	2.4362G	99.20	Inf	-Inf	31.97	3	Horizontal	331	1.32	-	67.23	27.54	4.43	-
AV	2.4854G	47.66	54.00	-6.34	32.31	3	Horizontal	331	1.32	-	15.35	27.81	4.50	-
PK	2.3878G	59.08	74.00	-14.92	31.75	3	Horizontal	331	1.32	-	27.33	27.38	4.37	-
PK	2.437G	101.90	Inf	-Inf	31.98	3	Horizontal	331	1.32	-	69.92	27.55	4.43	-
PK	2.4962G	59.78	74.00	-14.22	32.40	3	Horizontal	331	1.32	-	27.38	27.88	4.52	-

802.11b_Nss1,(1Mbps)_1TX

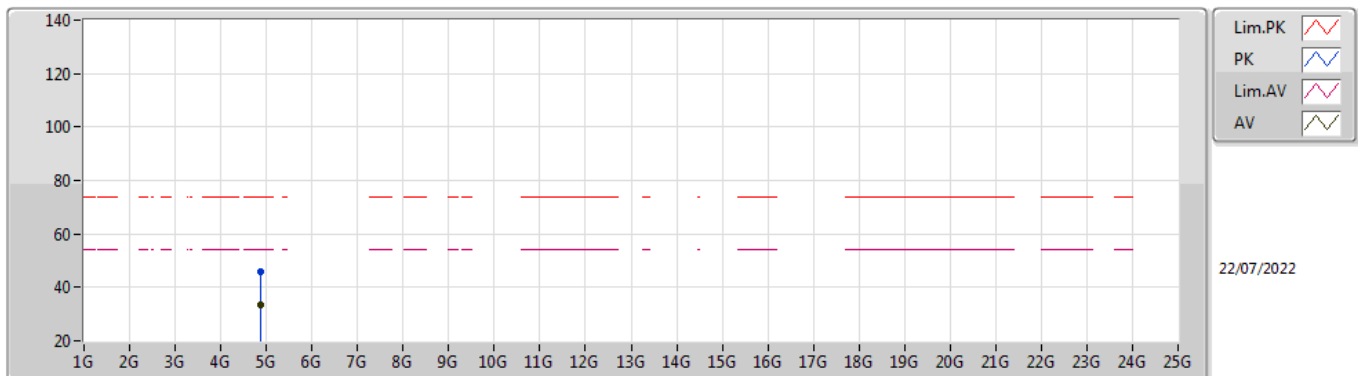
2437MHz_TX



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	4.87012G	33.25	54.00	-20.75	9.04	3	Vertical	281	1.28	-	24.21	32.74	6.30	30.00
PK	4.87116G	45.51	74.00	-28.49	9.04	3	Vertical	281	1.28	-	36.47	32.74	6.30	30.00

802.11b_Nss1,(1Mbps)_1TX

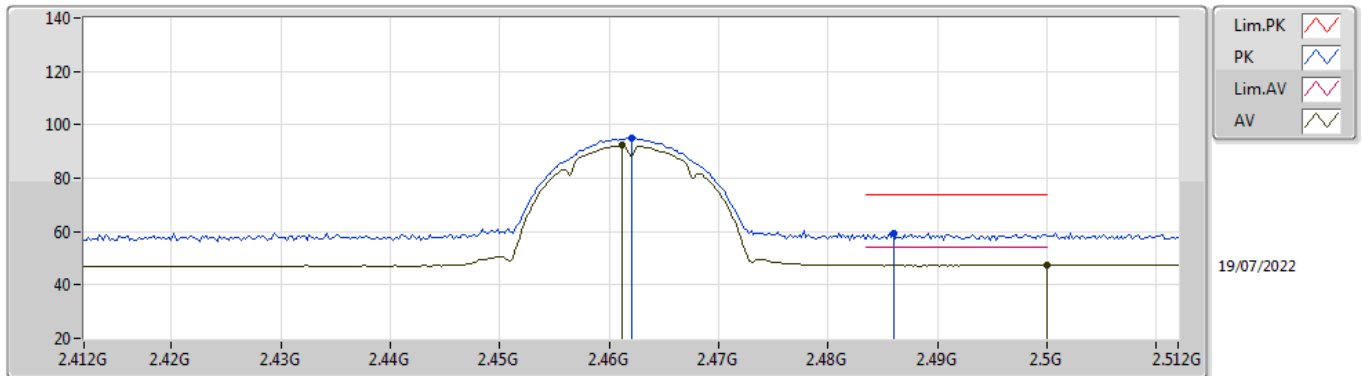
2437MHz_TX



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	4.87144G	33.38	54.00	-20.62	9.04	3	Horizontal	40	1.50	-	24.34	32.74	6.30	30.00
PK	4.87368G	45.90	74.00	-28.10	9.05	3	Horizontal	40	1.50	-	36.85	32.75	6.30	30.00

802.11b_Nss1,(1Mbps)_1TX

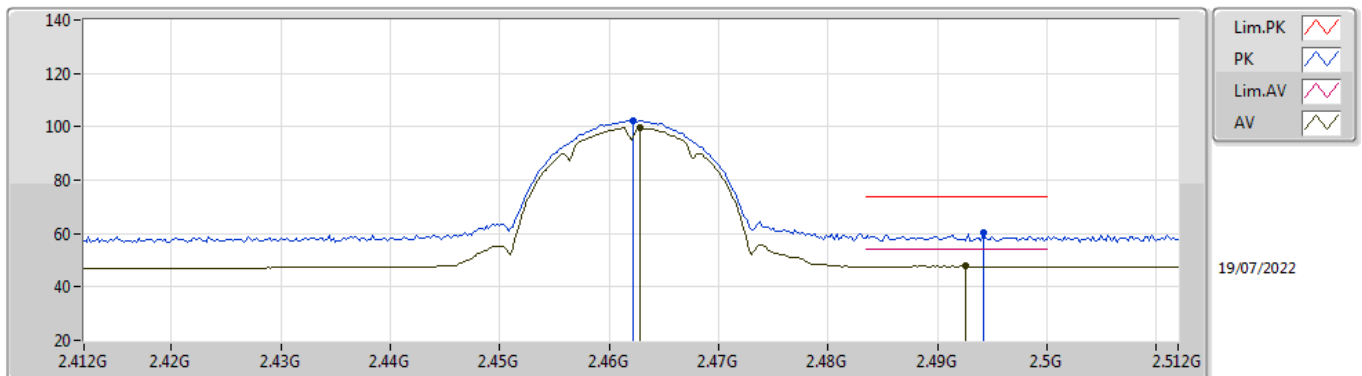
2462MHz_TX



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	92.22	Inf	-Inf	32.14	3	Vertical	142	2.84	-	60.08	27.67	4.47	-
AV	2.5G	47.47	54.00	-6.53	32.43	3	Vertical	142	2.84	-	15.04	27.90	4.53	-
PK	2.462G	94.91	Inf	-Inf	32.14	3	Vertical	142	2.84	-	62.77	27.67	4.47	-
PK	2.486G	59.27	74.00	-14.73	32.32	3	Vertical	142	2.84	-	26.95	27.82	4.50	-

802.11b_Nss1,(1Mbps)_1TX

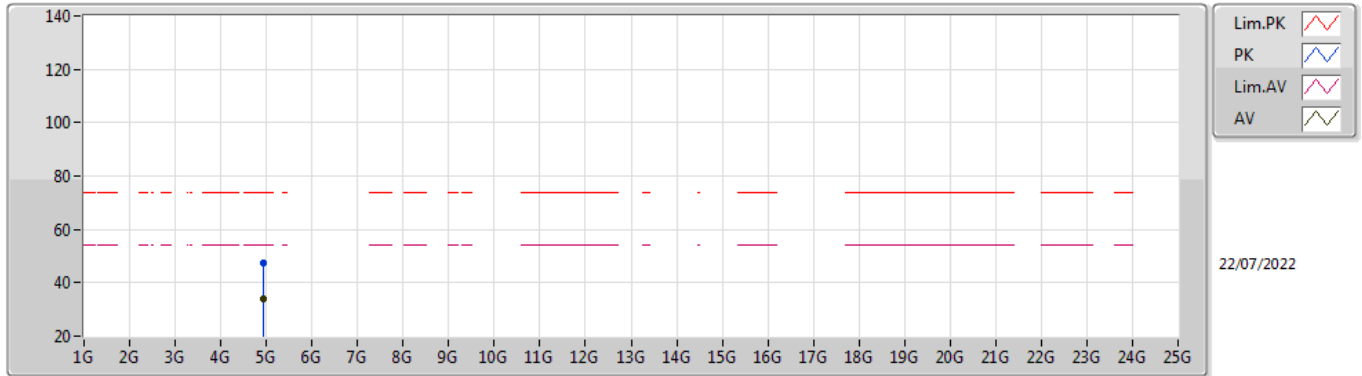
2462MHz_TX



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	2.4628G	99.64	Inf	-Inf	32.15	3	Horizontal	329	1.47	-	67.49	27.68	4.47	-
AV	2.4926G	47.70	54.00	-6.30	32.37	3	Horizontal	329	1.47	-	15.33	27.86	4.51	-
PK	2.4622G	102.37	Inf	-Inf	32.14	3	Horizontal	329	1.47	-	70.23	27.67	4.47	-
PK	2.4942G	60.35	74.00	-13.65	32.39	3	Horizontal	329	1.47	-	27.96	27.87	4.52	-

802.11b_Nss1,(1Mbps)_1TX

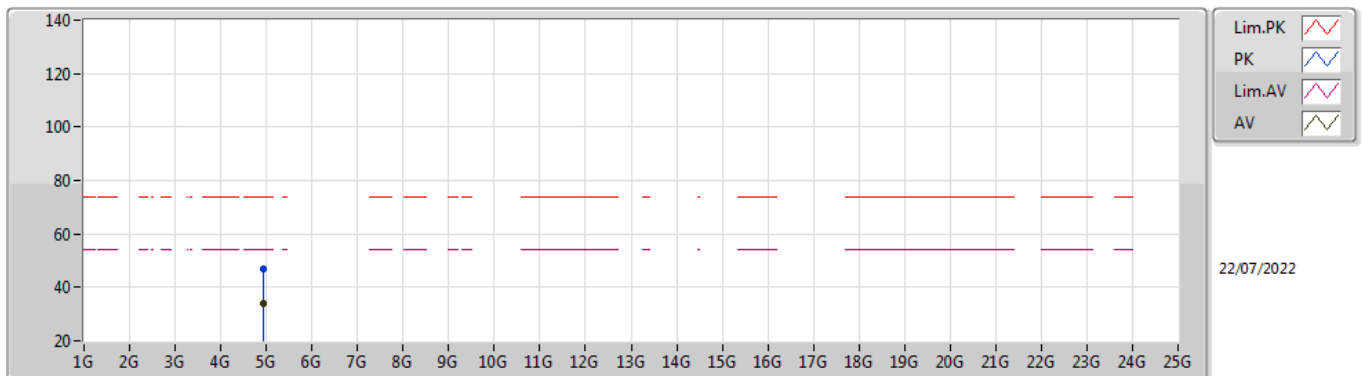
2462MHz_TX



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	4.92876G	33.78	54.00	-20.22	9.33	3	Vertical	185	1.50	-	24.45	32.97	6.34	29.98
PK	4.92724G	47.59	74.00	-26.41	9.32	3	Vertical	185	1.50	-	38.27	32.96	6.34	29.98

802.11b_Nss1,(1Mbps)_1TX

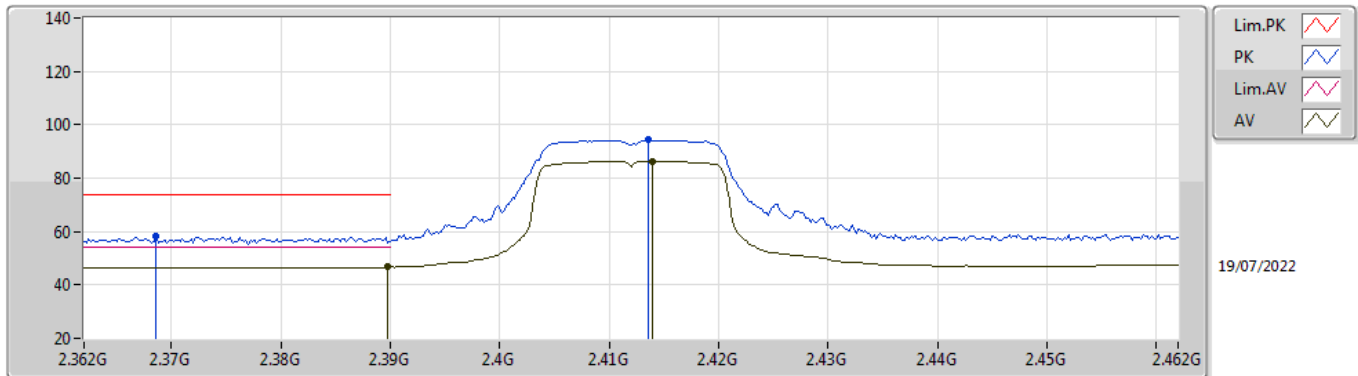
2462MHz_TX



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	4.92236G	33.92	54.00	-20.08	9.27	3	Horizontal	276	1.50	-	24.65	32.93	6.33	29.99
PK	4.93064G	47.10	74.00	-26.90	9.34	3	Horizontal	276	1.50	-	37.76	32.98	6.34	29.98

802.11g_Nss1,(6Mbps)_1TX

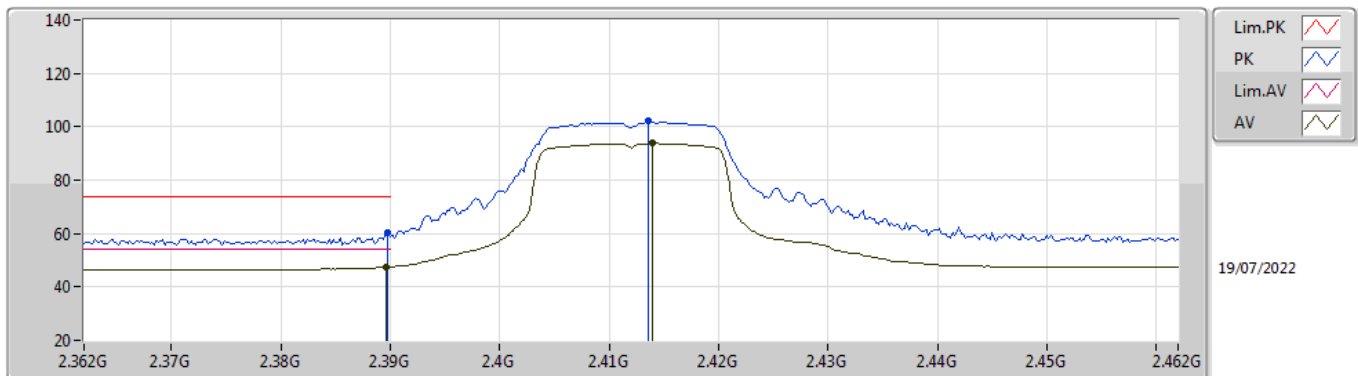
2412MHz_TX



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	2.3898G	46.70	54.00	-7.30	31.75	3	Vertical	140	2.84	-	14.95	27.38	4.37	-
AV	2.414G	86.31	Inf	-Inf	31.86	3	Vertical	140	2.84	-	54.45	27.46	4.40	-
PK	2.3686G	58.21	74.00	-15.79	31.69	3	Vertical	140	2.84	-	26.52	27.34	4.35	-
PK	2.4136G	94.68	Inf	-Inf	31.85	3	Vertical	140	2.84	-	62.83	27.45	4.40	-

802.11g_Nss1,(6Mbps)_1TX

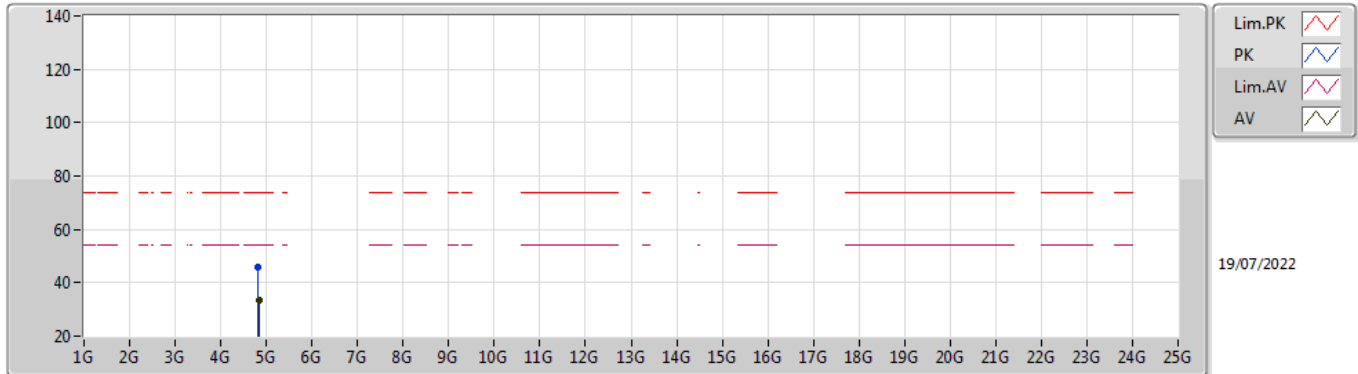
2412MHz_TX



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	2.3896G	47.45	54.00	-6.55	31.75	3	Horizontal	340	1.38	-	15.70	27.38	4.37	-
AV	2.414G	93.76	Inf	-Inf	31.86	3	Horizontal	340	1.38	-	61.90	27.46	4.40	-
PK	2.3898G	60.43	74.00	-13.57	31.75	3	Horizontal	340	1.38	-	28.68	27.38	4.37	-
PK	2.4136G	102.16	Inf	-Inf	31.85	3	Horizontal	340	1.38	-	70.31	27.45	4.40	-

802.11g_Nss1,(6Mbps)_1TX

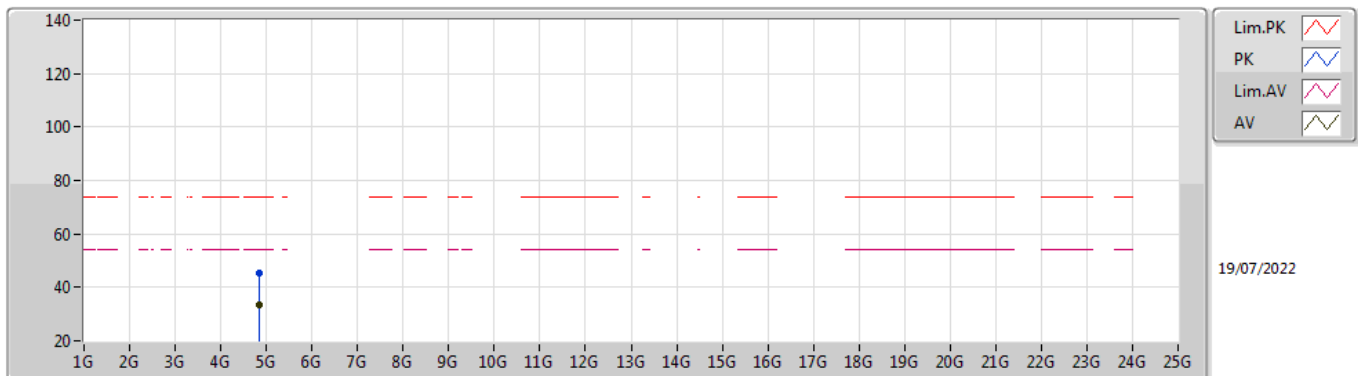
2412MHz_TX



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	4.84376G	33.20	54.00	-20.80	8.96	3	Vertical	338	1.50	-	24.24	32.68	6.29	30.01
PK	4.8248G	46.01	74.00	-27.99	8.85	3	Vertical	338	1.50	-	37.16	32.60	6.27	30.02

802.11g_Nss1,(6Mbps)_1TX

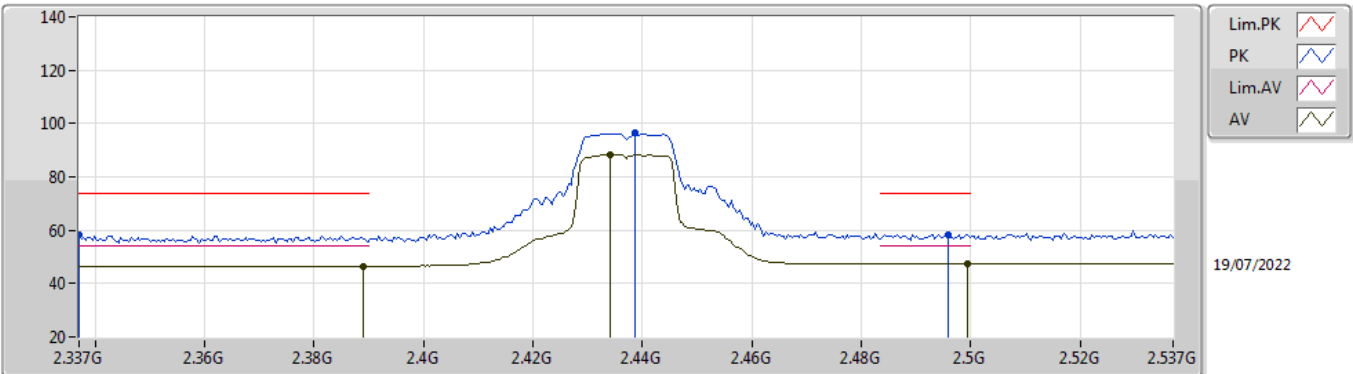
2412MHz_TX



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	4.84328G	33.19	54.00	-20.81	8.95	3	Horizontal	264	1.97	-	24.24	32.67	6.29	30.01
PK	4.834G	45.53	74.00	-28.47	8.90	3	Horizontal	264	1.97	-	36.63	32.64	6.28	30.02

802.11g_Nss1,(6Mbps)_1TX

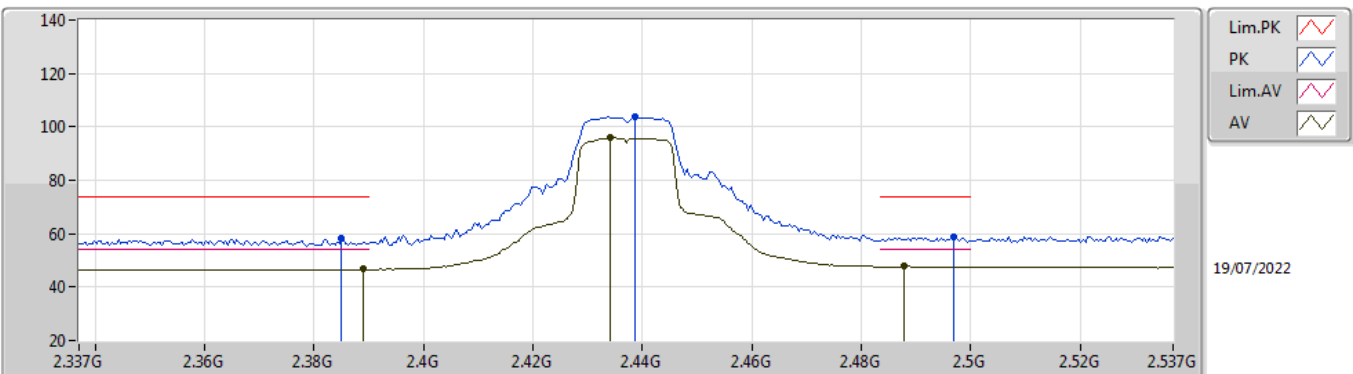
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	46.43	54.00	-7.57	31.75	3	Vertical	263	2.87	-	14.68	27.38	4.37	-
AV	2.4342G	88.36	Inf	-Inf	31.97	3	Vertical	263	2.87	-	56.39	27.54	4.43	-
AV	2.4994G	47.46	54.00	-6.54	32.42	3	Vertical	263	2.87	-	15.04	27.90	4.52	-
PK	2.337G	58.21	74.00	-15.79	31.56	3	Vertical	263	2.87	-	26.65	27.25	4.31	-
PK	2.4386G	96.35	Inf	-Inf	31.99	3	Vertical	263	2.87	-	64.36	27.55	4.44	-
PK	2.4958G	58.51	74.00	-15.49	32.39	3	Vertical	263	2.87	-	26.12	27.87	4.52	-

802.11g_Nss1,(6Mbps)_1TX

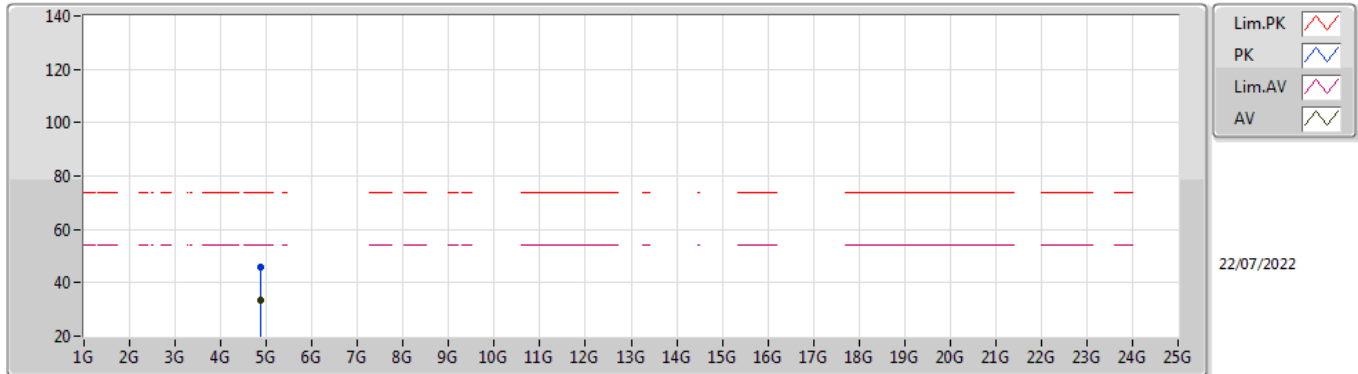
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	46.69	54.00	-7.31	31.75	3	Horizontal	331	1.32	-	14.94	27.38	4.37	-
AV	2.4342G	95.84	Inf	-Inf	31.97	3	Horizontal	331	1.32	-	63.87	27.54	4.43	-
AV	2.4878G	47.68	54.00	-6.32	32.34	3	Horizontal	331	1.32	-	15.34	27.83	4.51	-
PK	2.385G	58.04	74.00	-15.96	31.73	3	Horizontal	331	1.32	-	26.31	27.37	4.36	-
PK	2.4386G	103.96	Inf	-Inf	31.99	3	Horizontal	331	1.32	-	71.97	27.55	4.44	-
PK	2.497G	58.96	74.00	-15.04	32.40	3	Horizontal	331	1.32	-	26.56	27.88	4.52	-

802.11g_Nss1,(6Mbps)_1TX

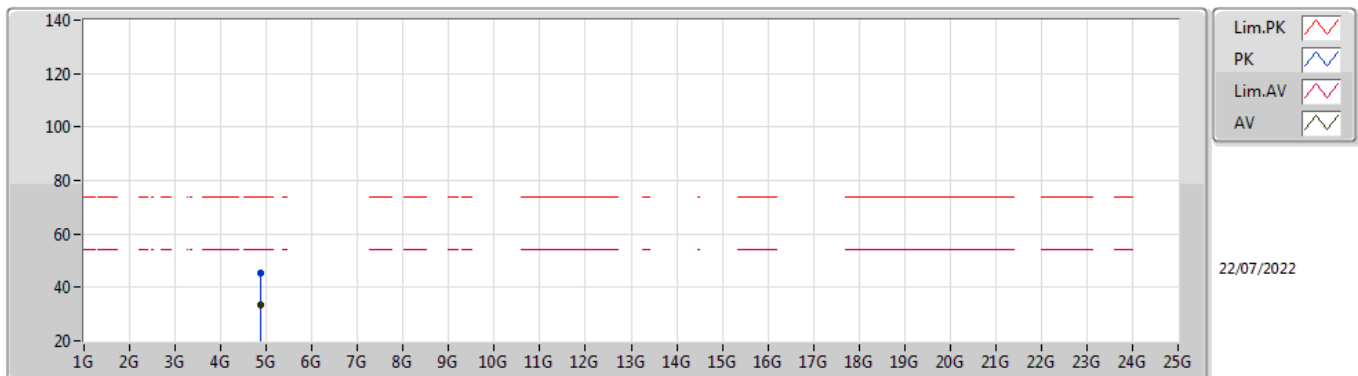
2437MHz_TX



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	4.86832G	33.36	54.00	-20.64	9.04	3	Vertical	37	2.45	-	24.32	32.74	6.30	30.00
PK	4.86676G	46.06	74.00	-27.94	9.02	3	Vertical	37	2.45	-	37.04	32.73	6.30	30.01

802.11g_Nss1,(6Mbps)_1TX

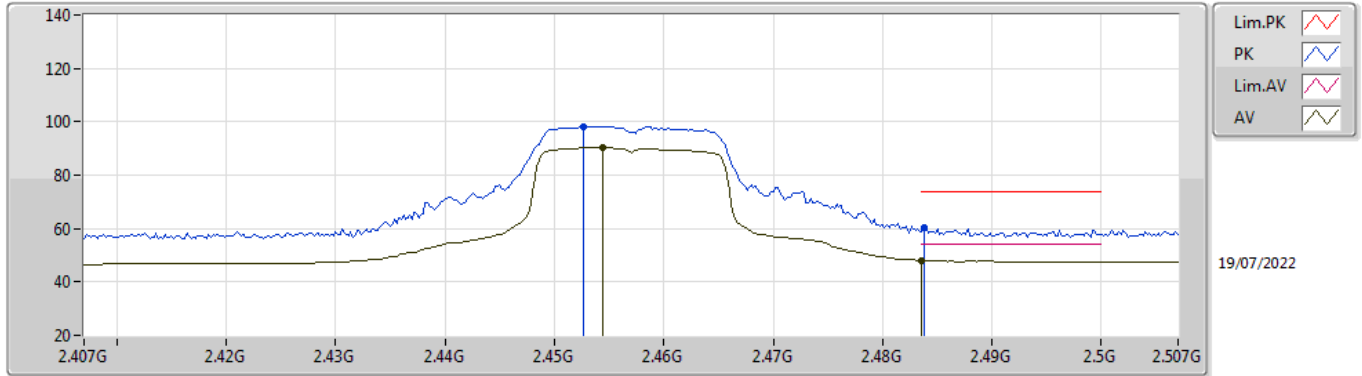
2437MHz_TX



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	4.86596G	33.33	54.00	-20.67	9.02	3	Horizontal	87	2.15	-	24.31	32.73	6.30	30.01
PK	4.86996G	45.59	74.00	-28.41	9.04	3	Horizontal	87	2.15	-	36.55	32.74	6.30	30.00

802.11g_Nss1,(6Mbps)_1TX

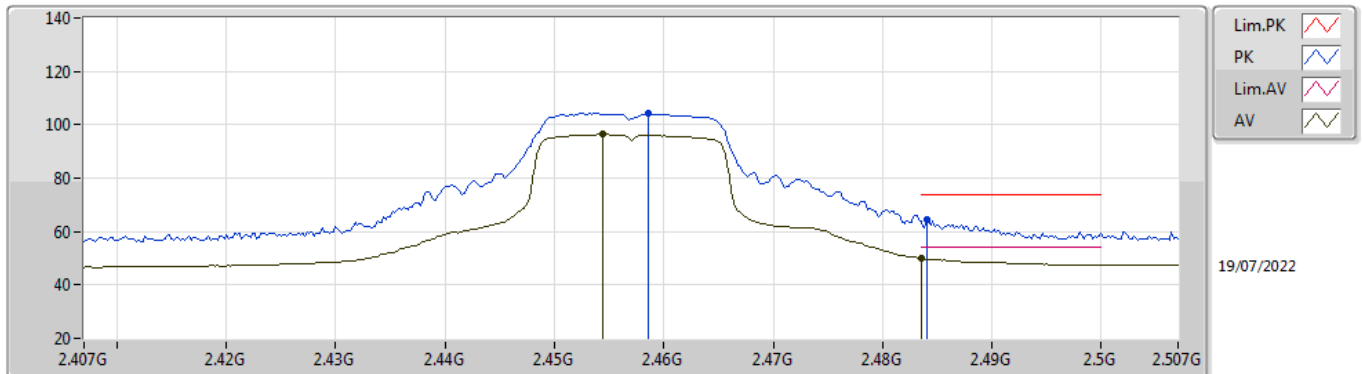
2457MHz_TX



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	2.4544G	90.36	Inf	-Inf	32.09	3	Vertical	225	2.81	-	58.27	27.63	4.46	-
AV	2.4835G	48.16	54.00	-5.84	32.30	3	Vertical	225	2.81	-	15.86	27.80	4.50	-
PK	2.4526G	98.24	Inf	-Inf	32.08	3	Vertical	225	2.81	-	66.16	27.62	4.46	-
PK	2.4838G	60.53	74.00	-13.47	32.30	3	Vertical	225	2.81	-	28.23	27.80	4.50	-

802.11g_Nss1,(6Mbps)_1TX

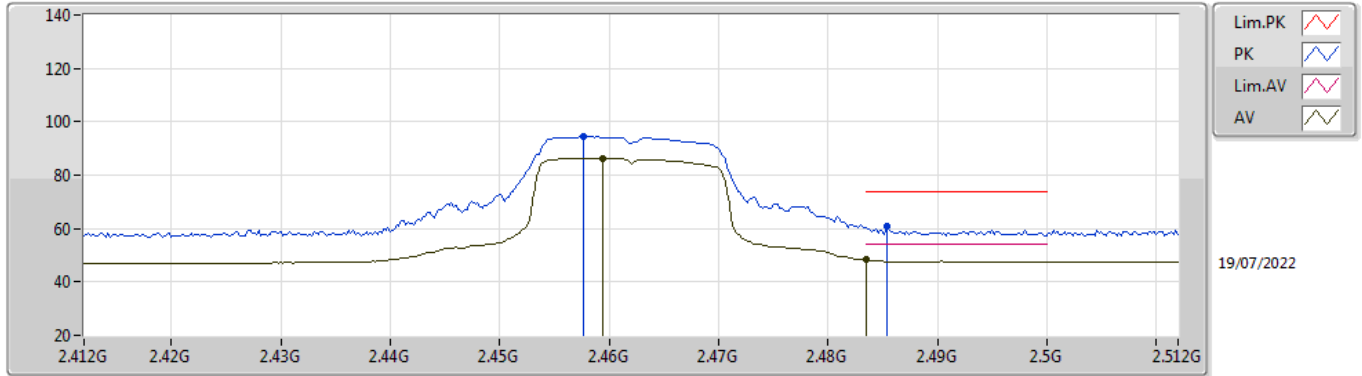
2457MHz_TX



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	2.4544G	96.37	Inf	-Inf	32.09	3	Horizontal	331	1.05	-	64.28	27.63	4.46	-
AV	2.4835G	49.95	54.00	-4.05	32.30	3	Horizontal	331	1.05	-	17.65	27.80	4.50	-
PK	2.4586G	104.31	Inf	-Inf	32.11	3	Horizontal	331	1.05	-	72.20	27.65	4.46	-
PK	2.484G	64.55	74.00	-9.45	32.30	3	Horizontal	331	1.05	-	32.25	27.80	4.50	-

802.11g_Nss1,(6Mbps)_1TX

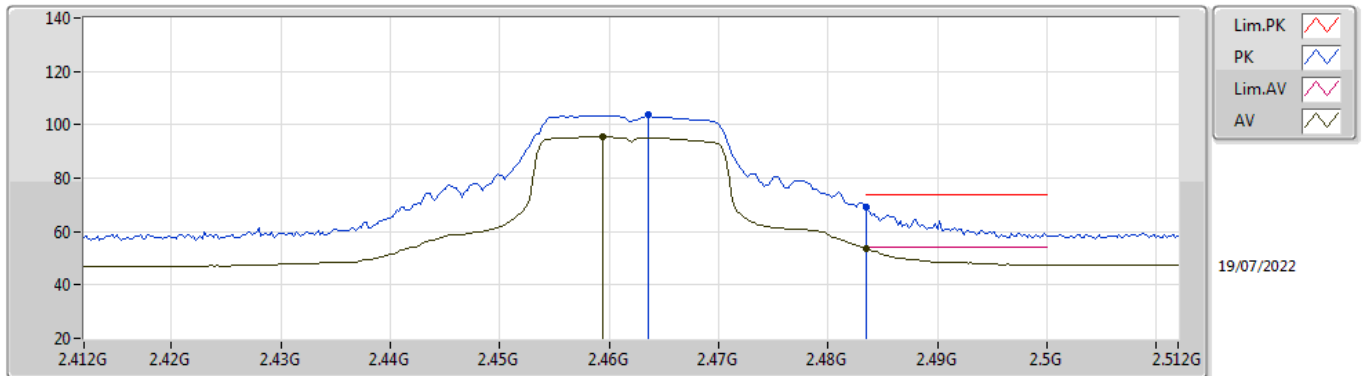
2462MHz_TX



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	2.4594G	86.39	Inf	-Inf	32.13	3	Vertical	283	2.25	-	54.26	27.66	4.47	-
AV	2.4835G	48.41	54.00	-5.59	32.30	3	Vertical	283	2.25	-	16.11	27.80	4.50	-
PK	2.4576G	94.53	Inf	-Inf	32.11	3	Vertical	283	2.25	-	62.42	27.65	4.46	-
PK	2.4854G	60.66	74.00	-13.34	32.31	3	Vertical	283	2.25	-	28.35	27.81	4.50	-

802.11g_Nss1,(6Mbps)_1TX

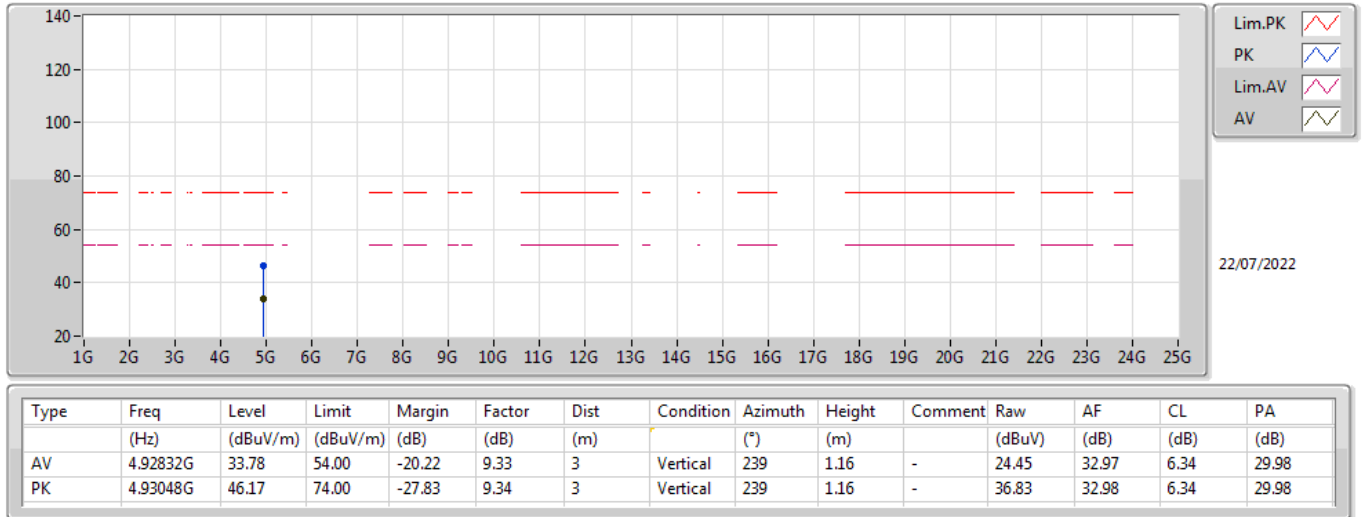
2462MHz_TX



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	2.4594G	95.43	Inf	-Inf	32.13	3	Horizontal	331	1.06	-	63.30	27.66	4.47	-
AV	2.4835G	53.67	54.00	-0.33	32.30	3	Horizontal	331	1.06	-	21.37	27.80	4.50	-
PK	2.4636G	103.58	Inf	-Inf	32.15	3	Horizontal	331	1.06	-	71.43	27.68	4.47	-
PK	2.4835G	69.33	74.00	-4.67	32.30	3	Horizontal	331	1.06	-	37.03	27.80	4.50	-

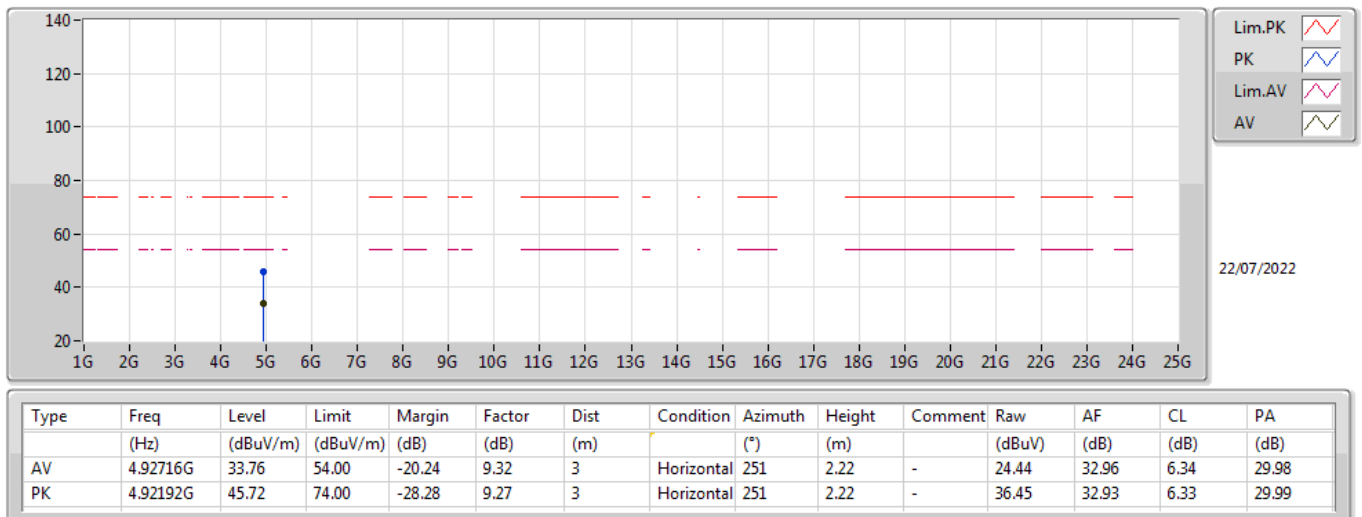
802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



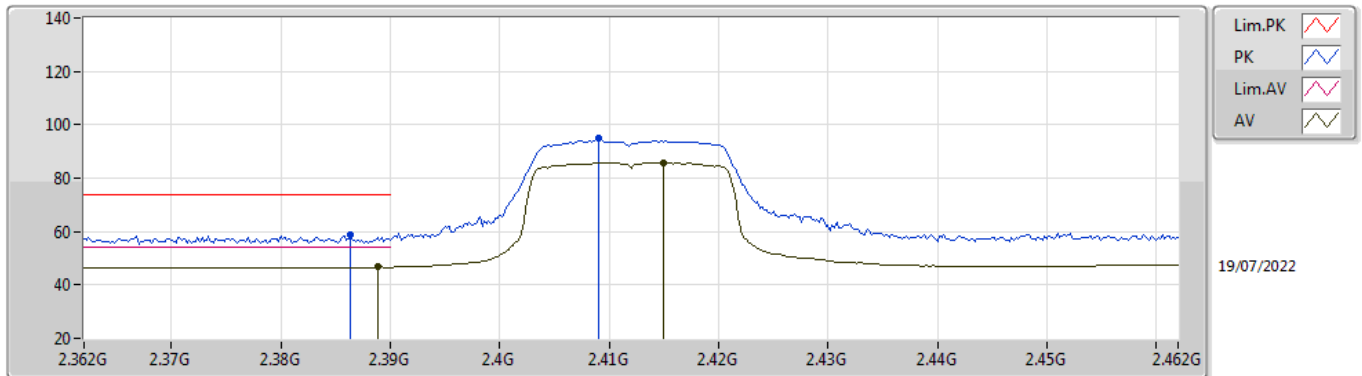
802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



802.11n HT20_Nss1,(MCS0)_1TX

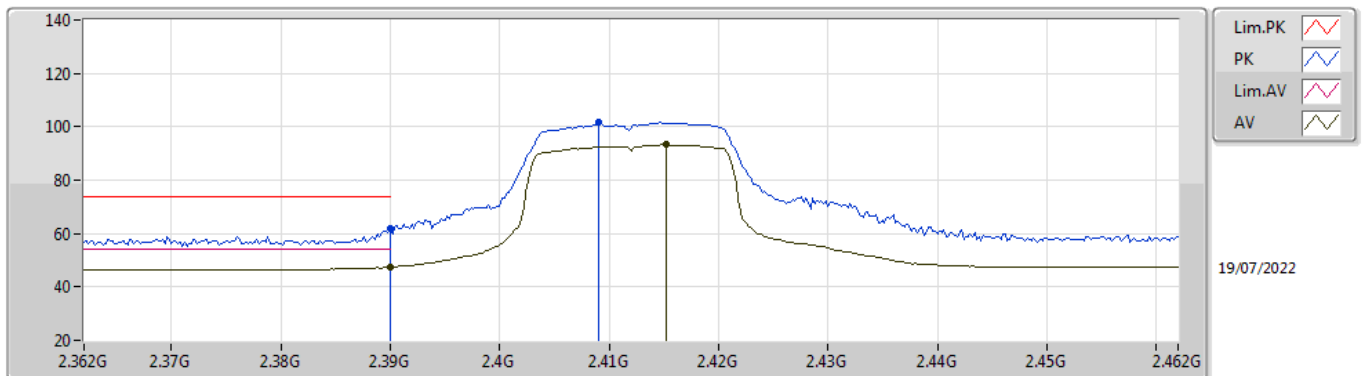
2412MHz_TX



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	2.3888G	46.69	54.00	-7.31	31.75	3	Vertical	140	2.84	-	14.94	27.38	4.37	-
AV	2.415G	85.82	Inf	-Inf	31.86	3	Vertical	140	2.84	-	53.96	27.46	4.40	-
PK	2.3864G	58.60	74.00	-15.40	31.74	3	Vertical	140	2.84	-	26.86	27.37	4.37	-
PK	2.409G	94.85	Inf	-Inf	31.83	3	Vertical	140	2.84	-	63.02	27.44	4.39	-

802.11n HT20_Nss1,(MCS0)_1TX

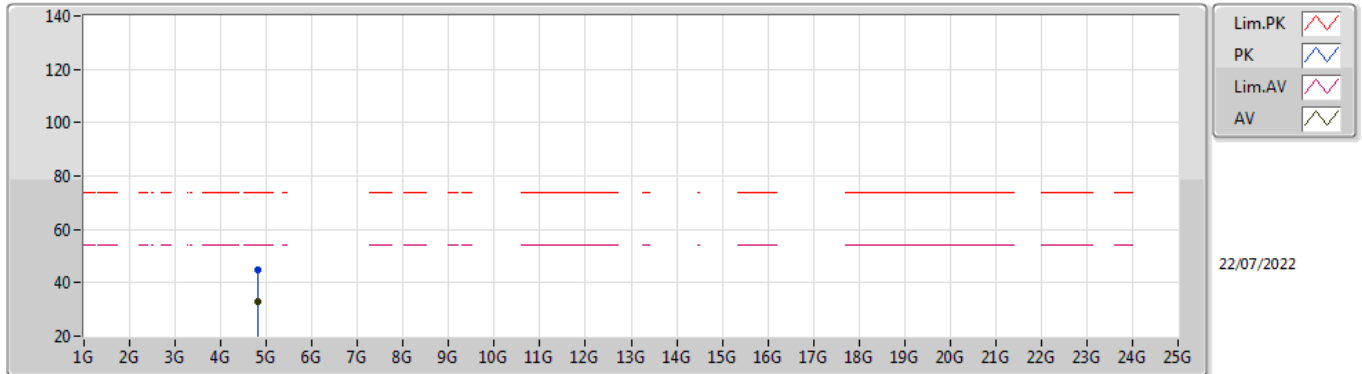
2412MHz_TX



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	2.39G	47.45	54.00	-6.55	31.75	3	Horizontal	339	1.08	-	15.70	27.38	4.37	-
AV	2.4152G	93.33	Inf	-Inf	31.86	3	Horizontal	339	1.08	-	61.47	27.46	4.40	-
PK	2.39G	62.14	74.00	-11.86	31.75	3	Horizontal	339	1.08	-	30.39	27.38	4.37	-
PK	2.409G	101.51	Inf	-Inf	31.83	3	Horizontal	339	1.08	-	69.68	27.44	4.39	-

802.11n HT20_Nss1,(MCS0)_1TX

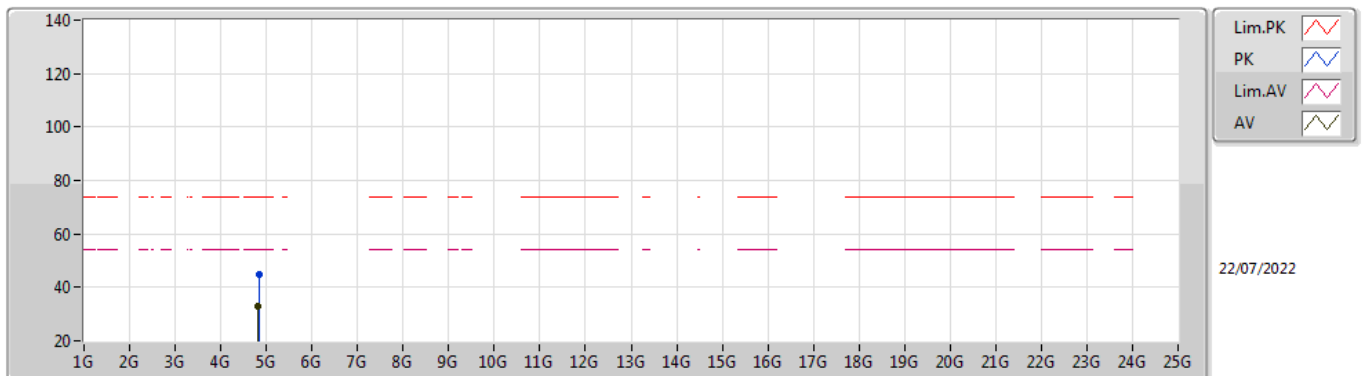
2412MHz_TX



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	4.82508G	33.00	54.00	-21.00	8.86	3	Vertical	189	2.50	-	24.14	32.60	6.28	30.02
PK	4.82608G	44.77	74.00	-29.23	8.86	3	Vertical	189	2.50	-	35.91	32.60	6.28	30.02

802.11n HT20_Nss1,(MCS0)_1TX

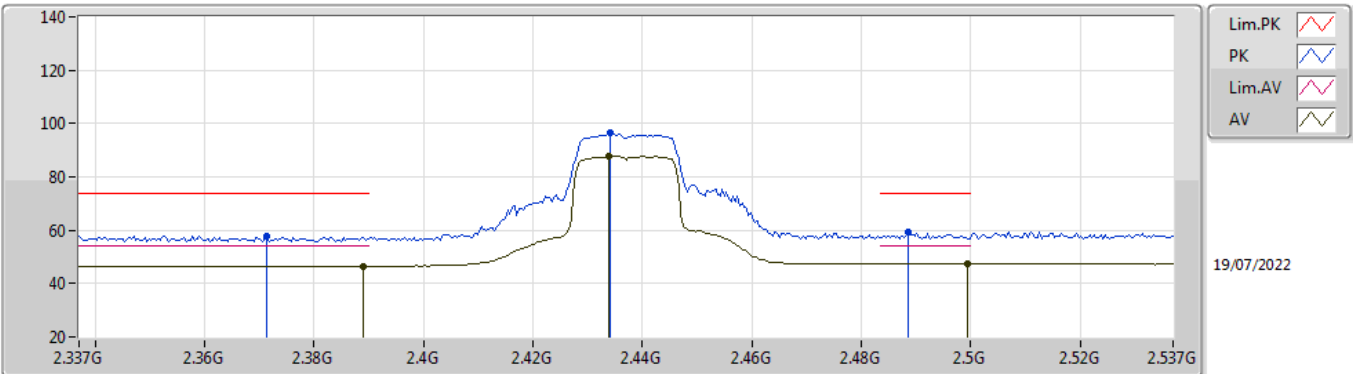
2412MHz_TX



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	4.82632G	33.00	54.00	-21.00	8.87	3	Horizontal	281	1.28	-	24.13	32.61	6.28	30.02
PK	4.83332G	45.00	74.00	-29.00	8.89	3	Horizontal	281	1.28	-	36.11	32.63	6.28	30.02

802.11n HT20_Nss1,(MCS0)_1TX

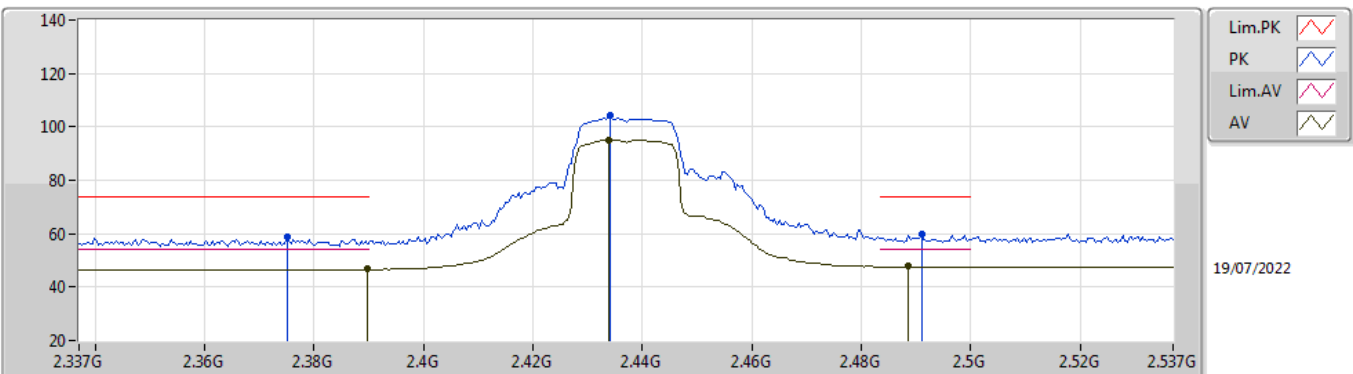
2437MHz_TX



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	2.389G	46.43	54.00	-7.57	31.75	3	Vertical	263	2.87	-	14.68	27.38	4.37	-
AV	2.4338G	87.80	Inf	-Inf	31.97	3	Vertical	263	2.87	-	55.83	27.54	4.43	-
AV	2.4994G	47.46	54.00	-6.54	32.42	3	Vertical	263	2.87	-	15.04	27.90	4.52	-
PK	2.3714G	57.86	74.00	-16.14	31.69	3	Vertical	263	2.87	-	26.17	27.34	4.35	-
PK	2.4342G	96.64	Inf	-Inf	31.97	3	Vertical	263	2.87	-	64.67	27.54	4.43	-
PK	2.4886G	59.14	74.00	-14.86	32.34	3	Vertical	263	2.87	-	26.80	27.83	4.51	-

802.11n HT20_Nss1,(MCS0)_1TX

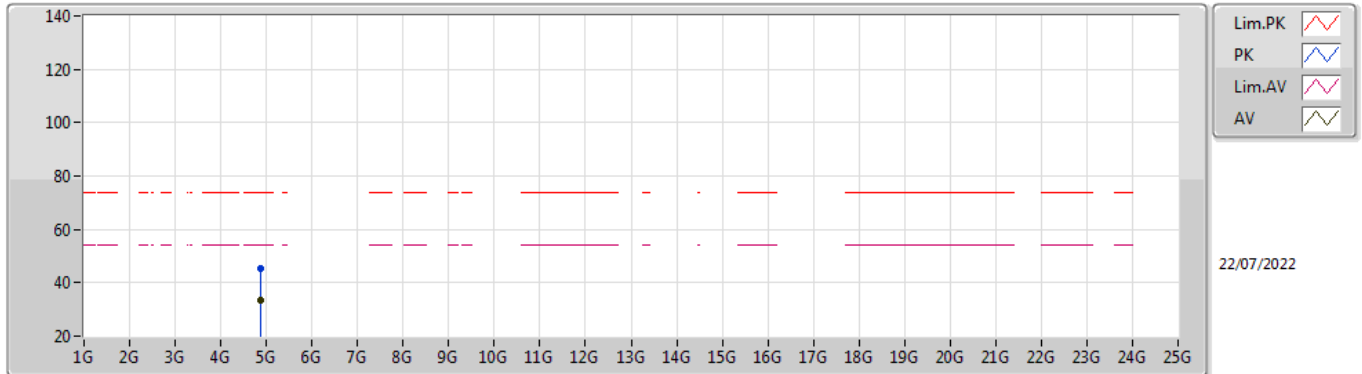
2437MHz_TX



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	2.3898G	46.70	54.00	-7.30	31.75	3	Horizontal	331	1.31	-	14.95	27.38	4.37	-
AV	2.4338G	95.24	Inf	-Inf	31.97	3	Horizontal	331	1.31	-	63.27	27.54	4.43	-
AV	2.4886G	47.68	54.00	-6.32	32.34	3	Horizontal	331	1.31	-	15.34	27.83	4.51	-
PK	2.375G	58.62	74.00	-15.38	31.70	3	Horizontal	331	1.31	-	26.92	27.35	4.35	-
PK	2.4342G	104.34	Inf	-Inf	31.97	3	Horizontal	331	1.31	-	72.37	27.54	4.43	-
PK	2.491G	59.89	74.00	-14.11	32.36	3	Horizontal	331	1.31	-	27.53	27.85	4.51	-

802.11n HT20_Nss1,(MCS0)_1TX

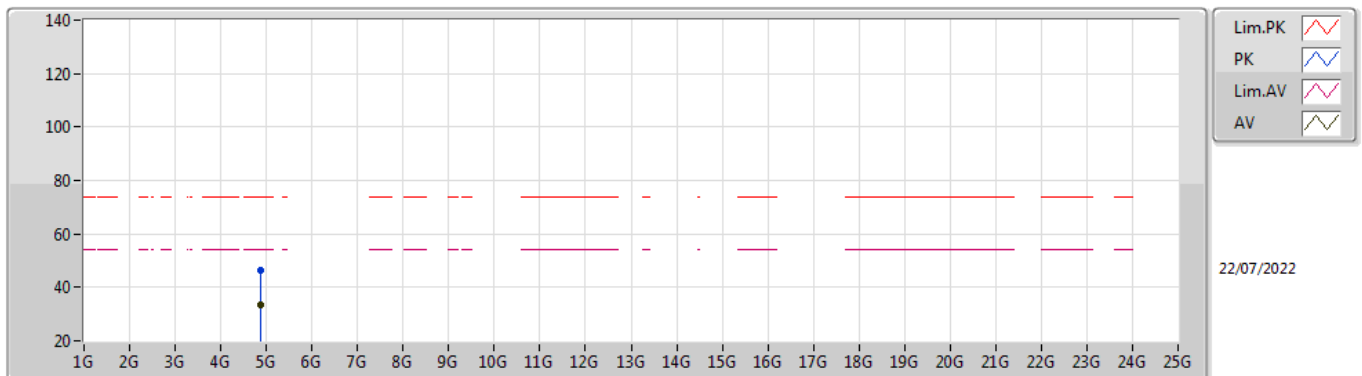
2437MHz_TX



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	4.8706G	33.25	54.00	-20.75	9.04	3	Vertical	338	2.60	-	24.21	32.74	6.30	30.00
PK	4.86832G	45.46	74.00	-28.54	9.04	3	Vertical	338	2.60	-	36.42	32.74	6.30	30.00

802.11n HT20_Nss1,(MCS0)_1TX

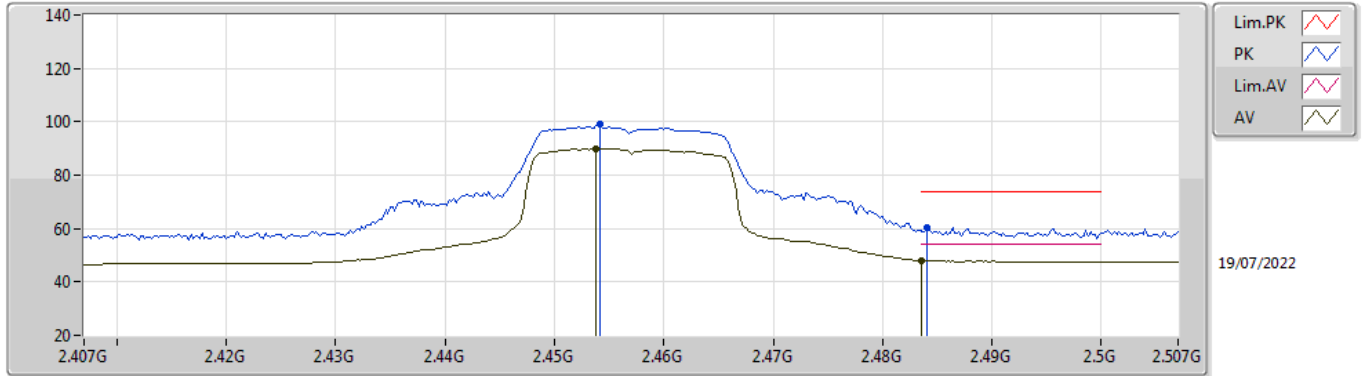
2437MHz_TX



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	4.86888G	33.37	54.00	-20.63	9.04	3	Horizontal	300	1.05	-	24.33	32.74	6.30	30.00
PK	4.87472G	46.28	74.00	-27.72	9.05	3	Horizontal	300	1.05	-	37.23	32.75	6.30	30.00

802.11n HT20_Nss1,(MCS0)_1TX

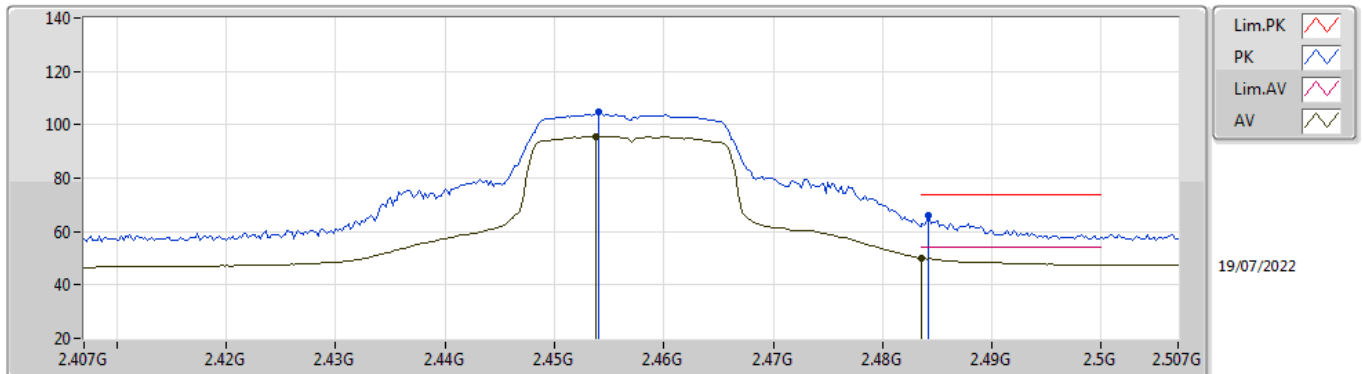
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4538G	89.96	Inf	-Inf	32.08	3	Vertical	225	2.80	-	57.88	27.62	4.46	-
AV	2.4835G	48.16	54.00	-5.84	32.30	3	Vertical	225	2.80	-	15.86	27.80	4.50	-
PK	2.4542G	99.15	Inf	-Inf	32.09	3	Vertical	225	2.80	-	67.06	27.63	4.46	-
PK	2.484G	60.35	74.00	-13.65	32.30	3	Vertical	225	2.80	-	28.05	27.80	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

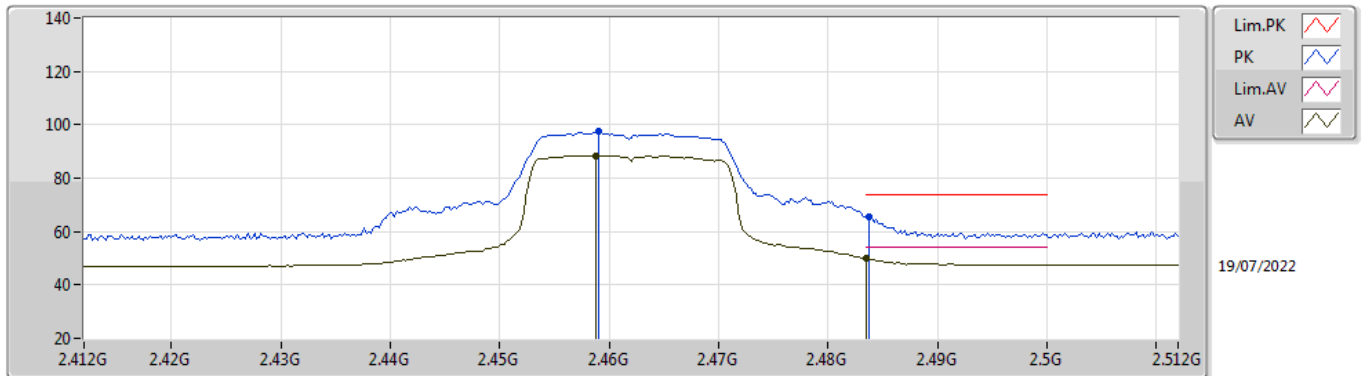
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4538G	95.71	Inf	-Inf	32.08	3	Horizontal	330	1.06	-	63.63	27.62	4.46	-
AV	2.4835G	49.95	54.00	-4.05	32.30	3	Horizontal	330	1.06	-	17.65	27.80	4.50	-
PK	2.454G	104.63	Inf	-Inf	32.08	3	Horizontal	330	1.06	-	72.55	27.62	4.46	-
PK	2.4842G	65.78	74.00	-8.22	32.31	3	Horizontal	330	1.06	-	33.47	27.81	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

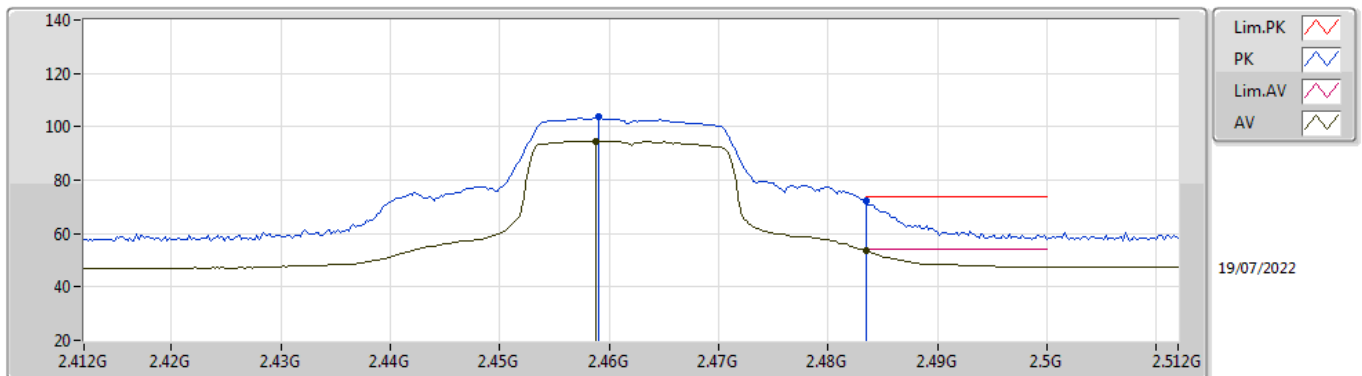
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4588G	88.49	Inf	-Inf	32.12	3	Vertical	225	2.77	-	56.37	27.65	4.47	-
AV	2.4835G	49.95	54.00	-4.05	32.30	3	Vertical	225	2.77	-	17.65	27.80	4.50	-
PK	2.459G	97.71	Inf	-Inf	32.12	3	Vertical	225	2.77	-	65.59	27.65	4.47	-
PK	2.4838G	65.54	74.00	-8.46	32.30	3	Vertical	225	2.77	-	33.24	27.80	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

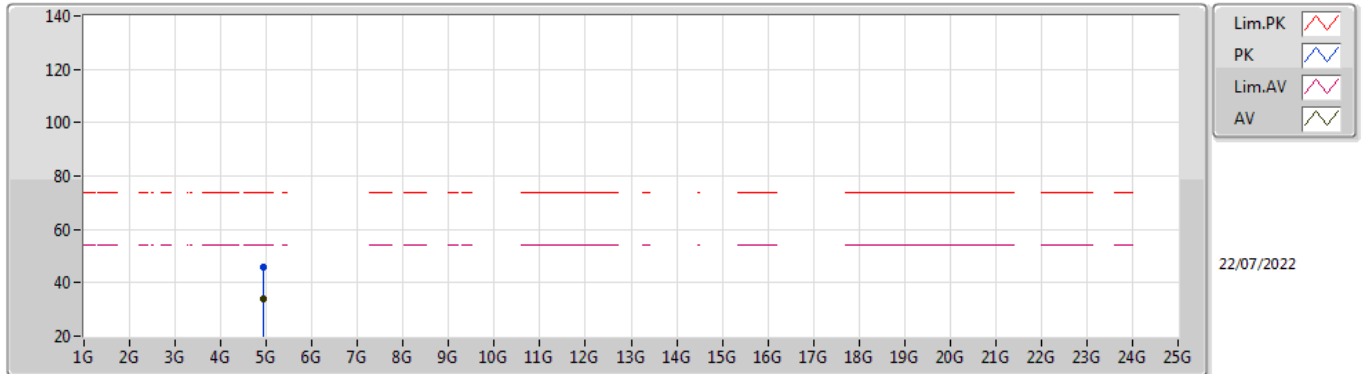
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4588G	94.72	Inf	-Inf	32.12	3	Horizontal	331	1.07	-	62.60	27.65	4.47	-
AV	2.4835G	53.40	54.00	-0.60	32.30	3	Horizontal	331	1.07	-	21.10	27.80	4.50	-
PK	2.459G	104.04	Inf	-Inf	32.12	3	Horizontal	331	1.07	-	71.92	27.65	4.47	-
PK	2.4835G	72.25	74.00	-1.75	32.30	3	Horizontal	331	1.07	-	39.95	27.80	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

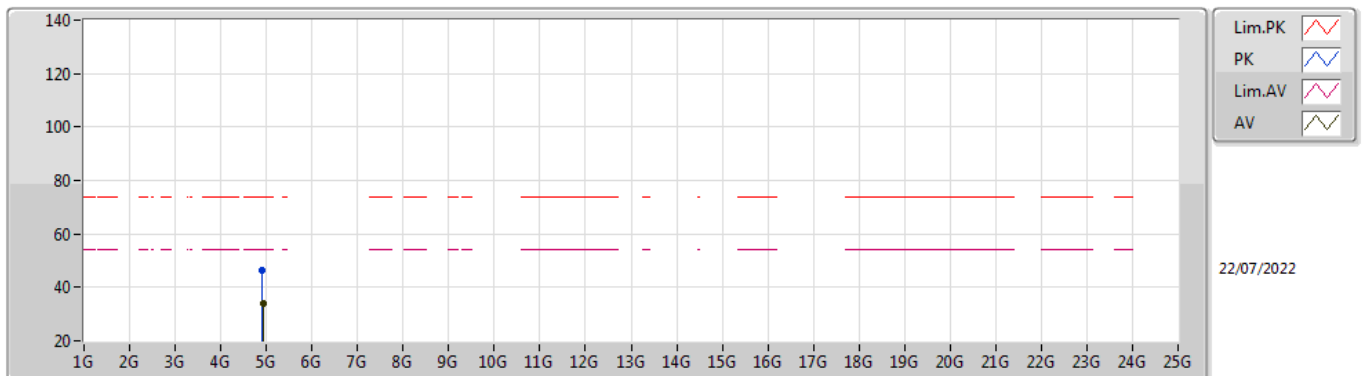
2462MHz_TX



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	4.92648G	33.75	54.00	-20.25	9.32	3	Vertical	192	1.31	-	24.43	32.96	6.34	29.98
PK	4.925G	45.97	74.00	-28.03	9.29	3	Vertical	192	1.31	-	36.68	32.95	6.33	29.99

802.11n HT20_Nss1,(MCS0)_1TX

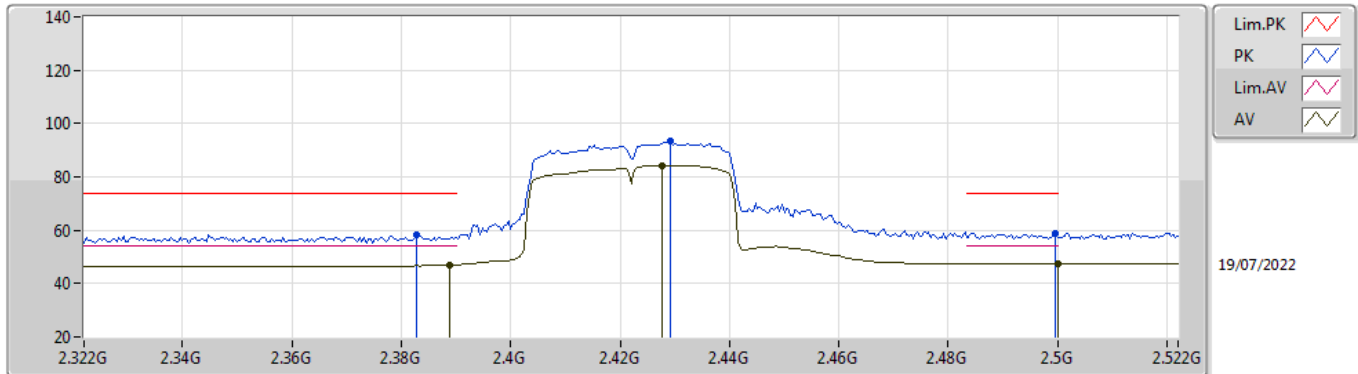
2462MHz_TX



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	4.92576G	33.72	54.00	-20.28	9.30	3	Horizontal	44	1.62	-	24.42	32.95	6.34	29.99
PK	4.91436G	46.59	74.00	-27.41	9.23	3	Horizontal	44	1.62	-	37.36	32.89	6.33	29.99

802.11n HT40_Nss1,(MCS0)_1TX

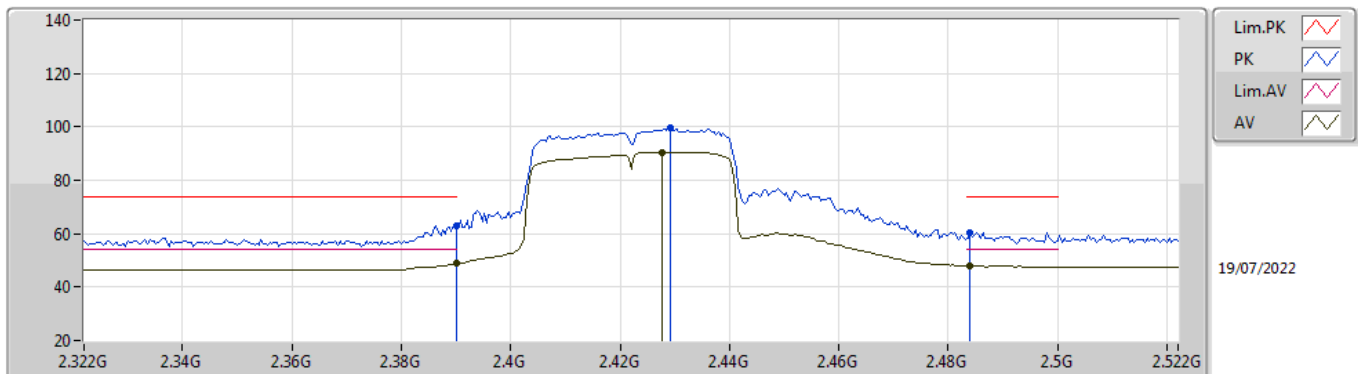
2422MHz_TX



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	2.3888G	46.95	54.00	-7.05	31.75	3	Vertical	263	2.87	-	15.20	27.38	4.37	-
AV	2.4276G	84.24	Inf	-Inf	31.93	3	Vertical	263	2.87	-	52.31	27.51	4.42	-
AV	2.5G	47.47	54.00	-6.53	32.43	3	Vertical	263	2.87	-	15.04	27.90	4.53	-
PK	2.3828G	58.52	74.00	-15.48	31.73	3	Vertical	263	2.87	-	26.79	27.37	4.36	-
PK	2.4292G	93.32	Inf	-Inf	31.94	3	Vertical	263	2.87	-	61.38	27.52	4.42	-
PK	2.4996G	58.75	74.00	-15.25	32.42	3	Vertical	263	2.87	-	26.33	27.90	4.52	-

802.11n HT40_Nss1,(MCS0)_1TX

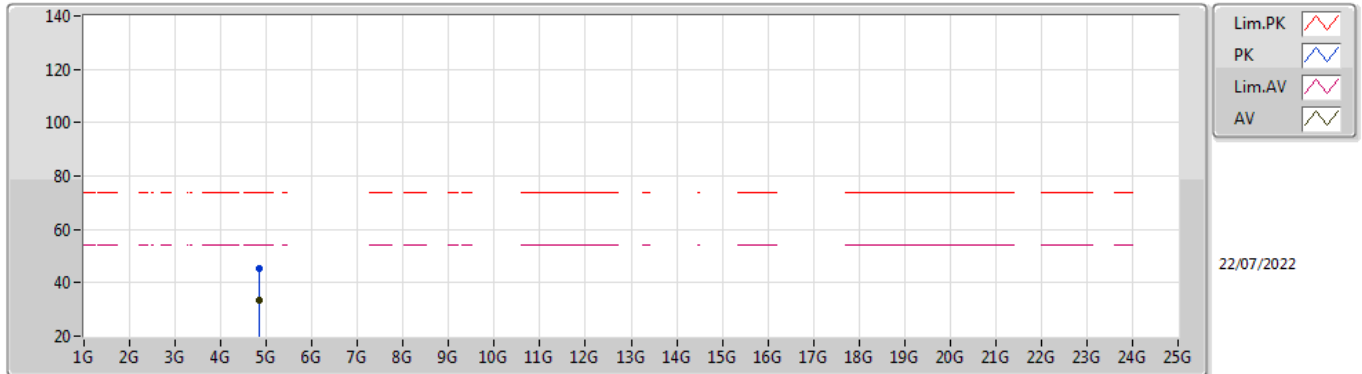
2422MHz_TX



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	2.39G	48.79	54.00	-5.21	31.75	3	Horizontal	332	1.80	-	17.04	27.38	4.37	-
AV	2.4276G	90.59	Inf	-Inf	31.93	3	Horizontal	332	1.80	-	58.66	27.51	4.42	-
AV	2.484G	48.16	54.00	-5.84	32.30	3	Horizontal	332	1.80	-	15.86	27.80	4.50	-
PK	2.39G	63.18	74.00	-10.82	31.75	3	Horizontal	332	1.80	-	31.43	27.38	4.37	-
PK	2.4292G	99.91	Inf	-Inf	31.94	3	Horizontal	332	1.80	-	67.97	27.52	4.42	-
PK	2.484G	60.41	74.00	-13.59	32.30	3	Horizontal	332	1.80	-	28.11	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

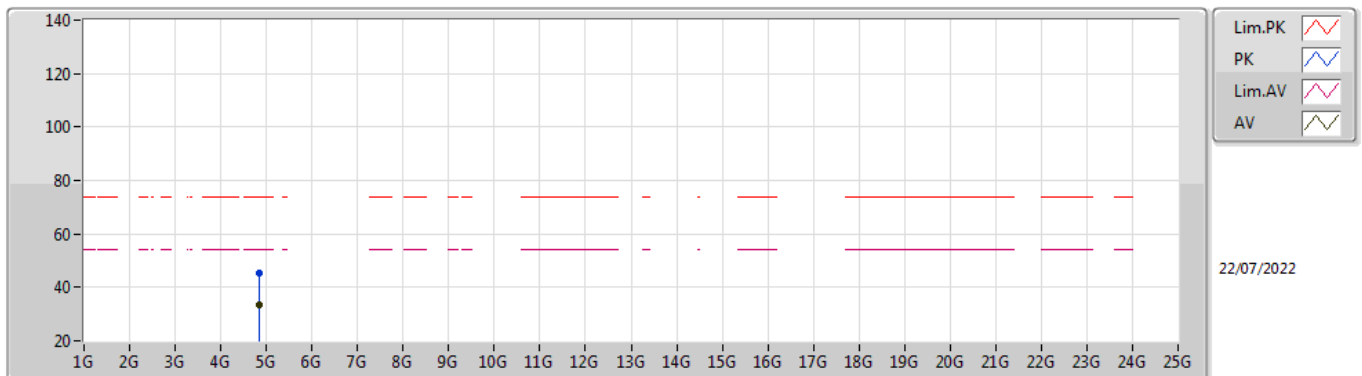
2422MHz_TX



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	4.8486G	33.23	54.00	-20.77	8.97	3	Vertical	164	2.83	-	24.26	32.69	6.29	30.01
PK	4.841G	45.36	74.00	-28.64	8.93	3	Vertical	164	2.83	-	36.43	32.66	6.28	30.01

802.11n HT40_Nss1,(MCS0)_1TX

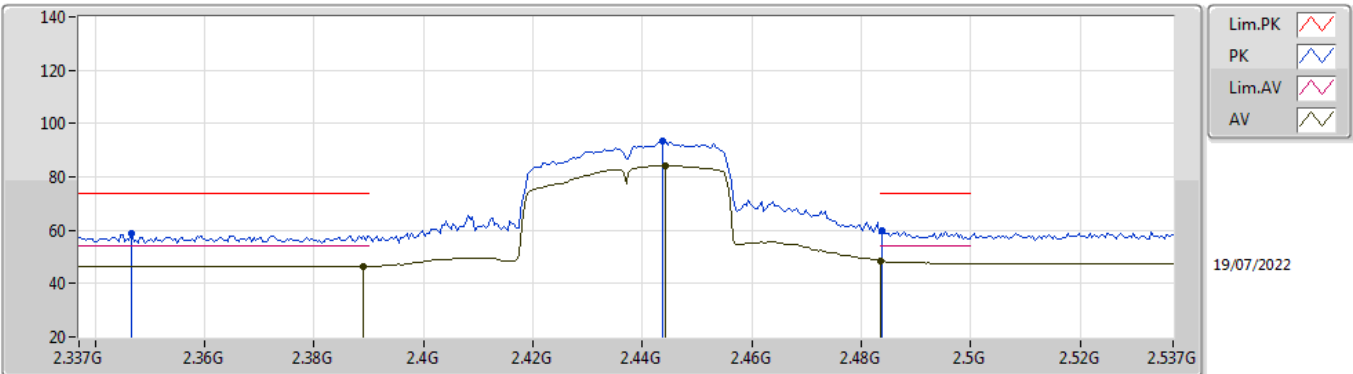
2422MHz_TX



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	4.84792G	33.23	54.00	-20.77	8.97	3	Horizontal	48	1.24	-	24.26	32.69	6.29	30.01
PK	4.84668G	45.20	74.00	-28.80	8.97	3	Horizontal	48	1.24	-	36.23	32.69	6.29	30.01

802.11n HT40_Nss1,(MCS0)_1TX

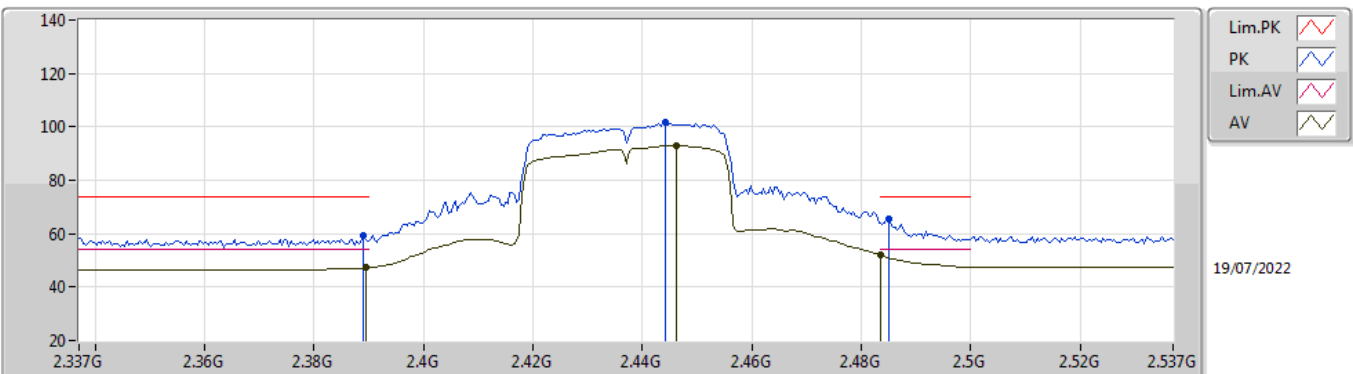
2437MHz_TX



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	2.389G	46.43	54.00	-7.57	31.75	3	Vertical	281	2.22	-	14.68	27.38	4.37	-
AV	2.442G	84.39	Inf	-Inf	32.02	3	Vertical	281	2.22	-	52.37	27.58	4.44	-
AV	2.4835G	48.64	54.00	-5.36	32.30	3	Vertical	281	2.22	-	16.34	27.80	4.50	-
PK	2.3466G	58.68	74.00	-15.32	31.61	3	Vertical	281	2.22	-	27.07	27.29	4.32	-
PK	2.4438G	93.70	Inf	-Inf	32.02	3	Vertical	281	2.22	-	61.68	27.58	4.44	-
PK	2.4838G	59.72	74.00	-14.28	32.30	3	Vertical	281	2.22	-	27.42	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

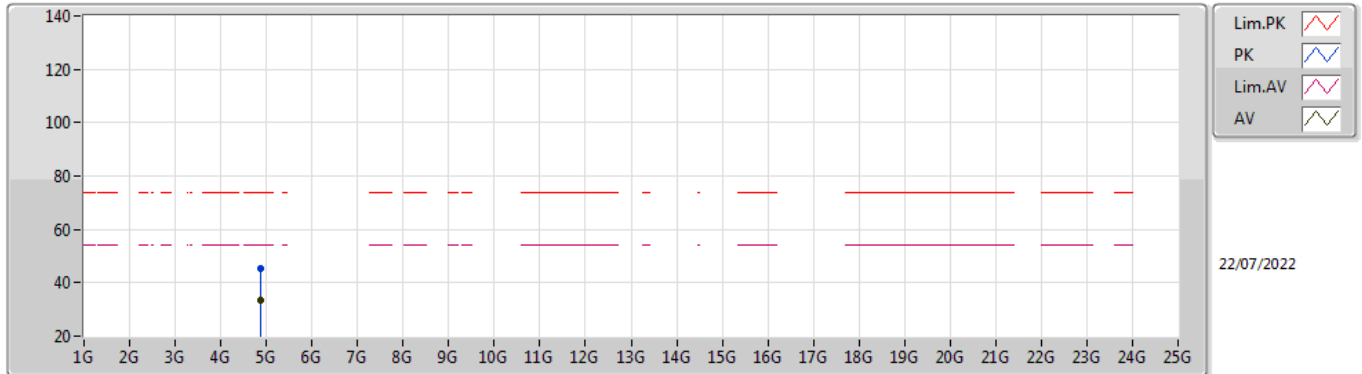
2437MHz_TX



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	2.3894G	47.21	54.00	-6.79	31.75	3	Horizontal	332	1.55	-	15.46	27.38	4.37	-
AV	2.4462G	93.00	Inf	-Inf	32.03	3	Horizontal	332	1.55	-	60.97	27.58	4.45	-
AV	2.4835G	51.93	54.00	-2.07	32.30	3	Horizontal	332	1.55	-	19.63	27.80	4.50	-
PK	2.389G	59.51	74.00	-14.49	31.75	3	Horizontal	332	1.55	-	27.76	27.38	4.37	-
PK	2.442G	101.76	Inf	-Inf	32.02	3	Horizontal	332	1.55	-	69.74	27.58	4.44	-
PK	2.485G	65.59	74.00	-8.41	32.31	3	Horizontal	332	1.55	-	33.28	27.81	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

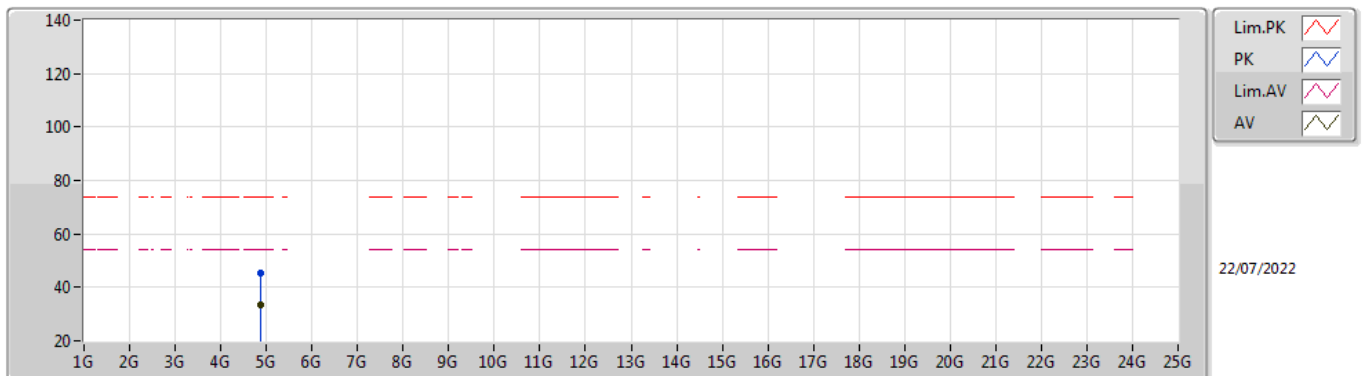
2437MHz_TX



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	4.87008G	33.25	54.00	-20.75	9.04	3	Vertical	285	1.39	-	24.21	32.74	6.30	30.00
PK	4.88044G	45.14	74.00	-28.86	9.07	3	Vertical	285	1.39	-	36.07	32.76	6.31	30.00

802.11n HT40_Nss1,(MCS0)_1TX

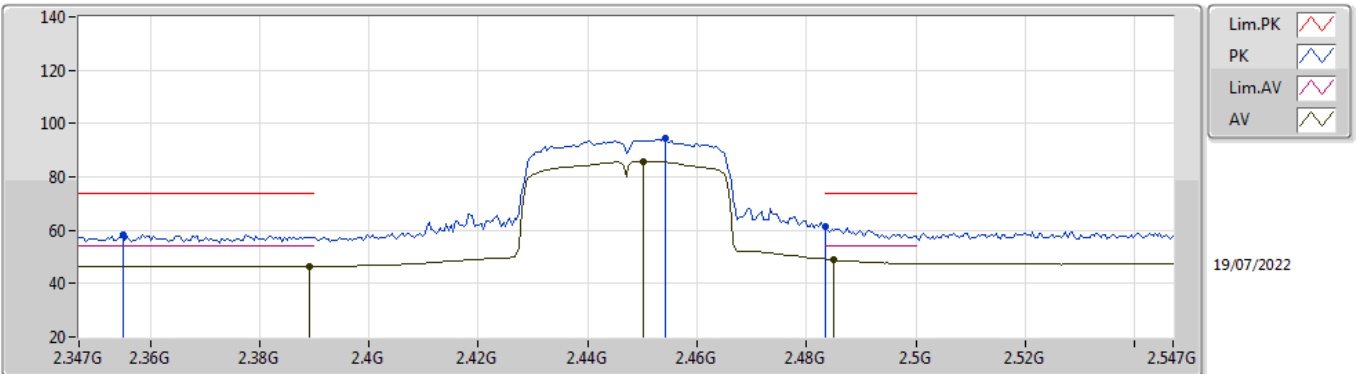
2437MHz_TX



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	4.86908G	33.37	54.00	-20.63	9.04	3	Horizontal	101	1.49	-	24.33	32.74	6.30	30.00
PK	4.87132G	45.26	74.00	-28.74	9.04	3	Horizontal	101	1.49	-	36.22	32.74	6.30	30.00

802.11n HT40_Nss1,(MCS0)_1TX

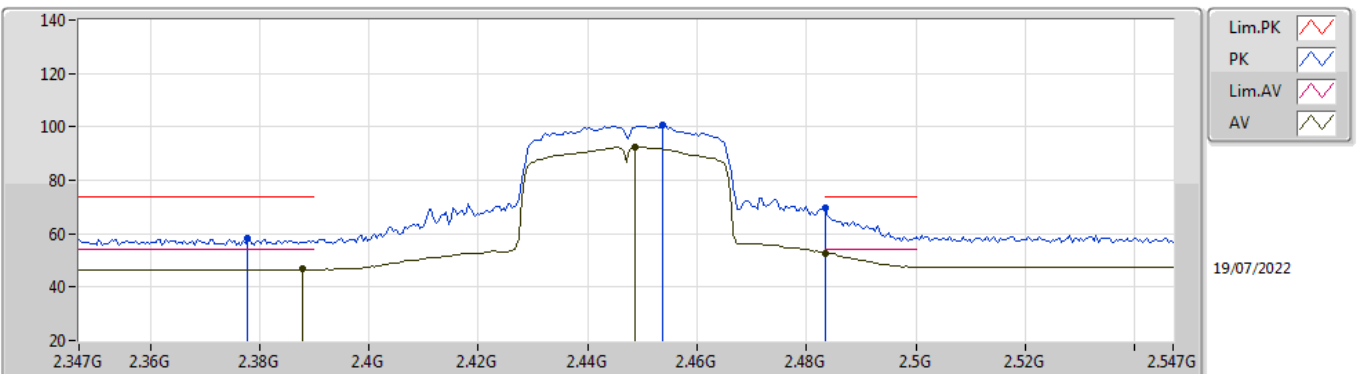
2447MHz_TX



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	2.389G	46.43	54.00	-7.57	31.75	3	Vertical	223	2.82	-	14.68	27.38	4.37	-
AV	2.4502G	85.74	Inf	-Inf	32.05	3	Vertical	223	2.82	-	53.69	27.60	4.45	-
AV	2.485G	49.11	54.00	-4.89	32.31	3	Vertical	223	2.82	-	16.80	27.81	4.50	-
PK	2.355G	58.39	74.00	-15.61	31.64	3	Vertical	223	2.82	-	26.75	27.31	4.33	-
PK	2.4542G	94.46	Inf	-Inf	32.09	3	Vertical	223	2.82	-	62.37	27.63	4.46	-
PK	2.4835G	61.54	74.00	-12.46	32.30	3	Vertical	223	2.82	-	29.24	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

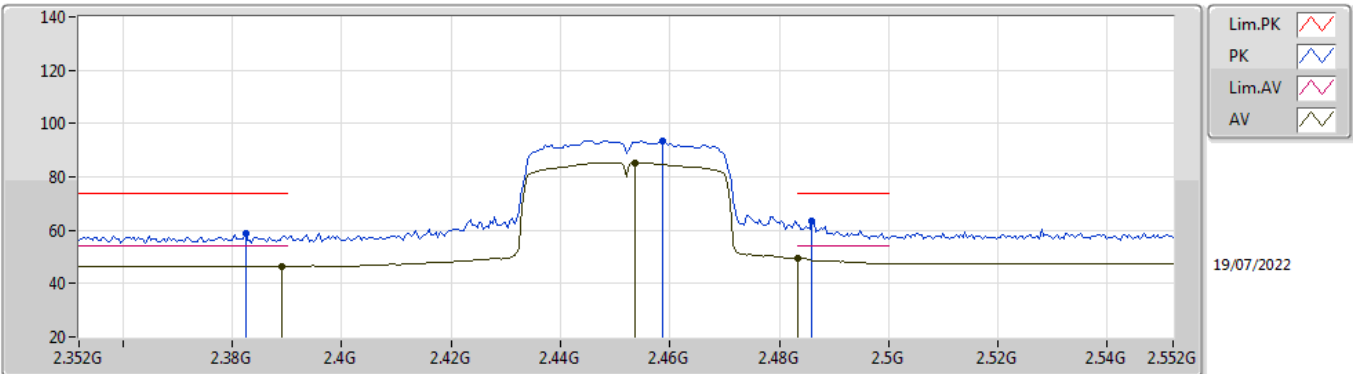
2447MHz_TX



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	2.3878G	46.68	54.00	-7.32	31.75	3	Horizontal	331	1.55	-	14.93	27.38	4.37	-
AV	2.4486G	92.30	Inf	-Inf	32.04	3	Horizontal	331	1.55	-	60.26	27.59	4.45	-
AV	2.4835G	52.84	54.00	-1.16	32.30	3	Horizontal	331	1.55	-	20.54	27.80	4.50	-
PK	2.3778G	58.03	74.00	-15.97	31.72	3	Horizontal	331	1.55	-	26.31	27.36	4.36	-
PK	2.4538G	100.65	Inf	-Inf	32.08	3	Horizontal	331	1.55	-	68.57	27.62	4.46	-
PK	2.4835G	69.79	74.00	-4.21	32.30	3	Horizontal	331	1.55	-	37.49	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

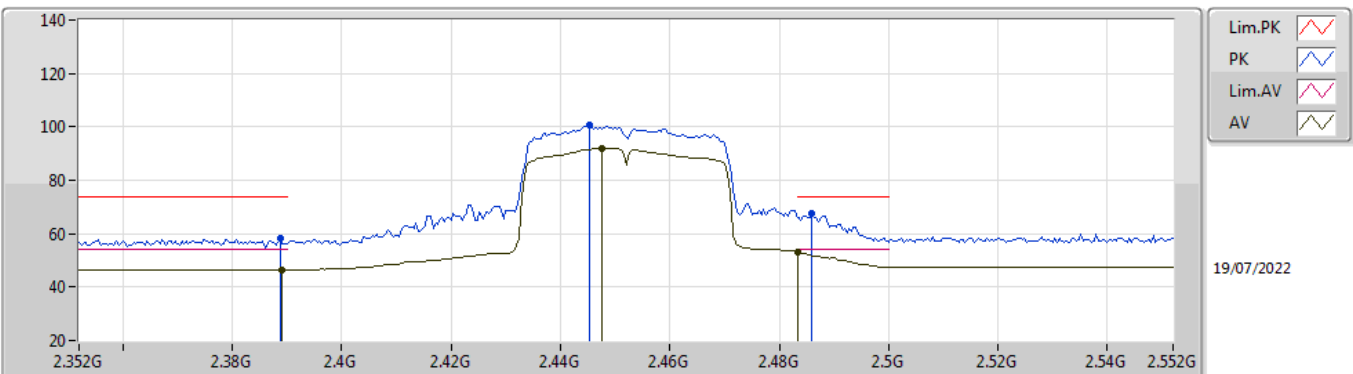
2452MHz_TX



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	2.3892G	46.43	54.00	-7.57	31.75	3	Vertical	225	2.82	-	14.68	27.38	4.37	-
AV	2.4536G	85.43	Inf	-Inf	32.08	3	Vertical	225	2.82	-	53.35	27.62	4.46	-
AV	2.4835G	49.54	54.00	-4.46	32.30	3	Vertical	225	2.82	-	17.24	27.80	4.50	-
PK	2.3824G	58.96	74.00	-15.04	31.72	3	Vertical	225	2.82	-	27.24	27.36	4.36	-
PK	2.4588G	93.66	Inf	-Inf	32.12	3	Vertical	225	2.82	-	61.54	27.65	4.47	-
PK	2.486G	63.49	74.00	-10.51	32.32	3	Vertical	225	2.82	-	31.17	27.82	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

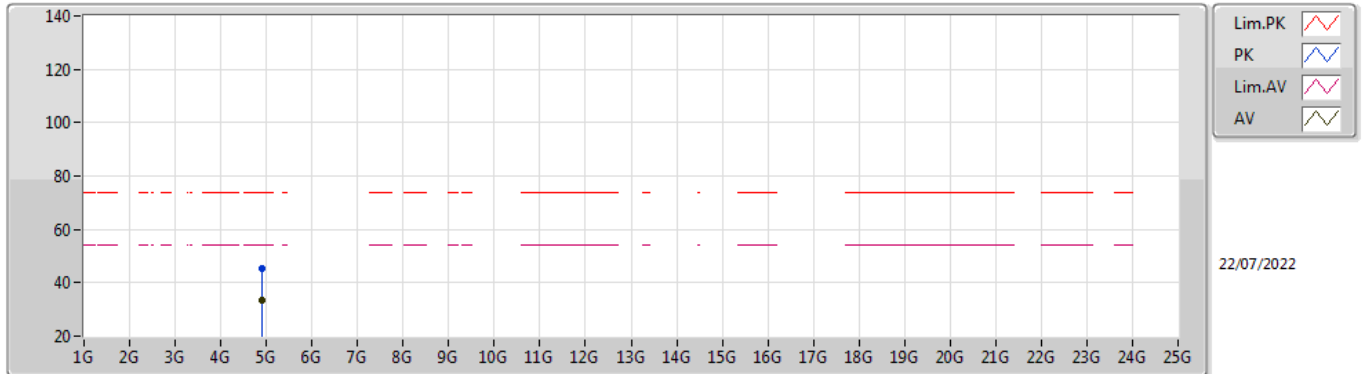
2452MHz_TX



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	2.3892G	46.43	54.00	-7.57	31.75	3	Horizontal	332	1.56	-	14.68	27.38	4.37	-
AV	2.4476G	91.76	Inf	-Inf	32.04	3	Horizontal	332	1.56	-	59.72	27.59	4.45	-
AV	2.4835G	52.99	54.00	-1.01	32.30	3	Horizontal	332	1.56	-	20.69	27.80	4.50	-
PK	2.3888G	58.15	74.00	-15.85	31.75	3	Horizontal	332	1.56	-	26.40	27.38	4.37	-
PK	2.4452G	100.76	Inf	-Inf	32.03	3	Horizontal	332	1.56	-	68.73	27.58	4.45	-
PK	2.486G	67.50	74.00	-6.50	32.32	3	Horizontal	332	1.56	-	35.18	27.82	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

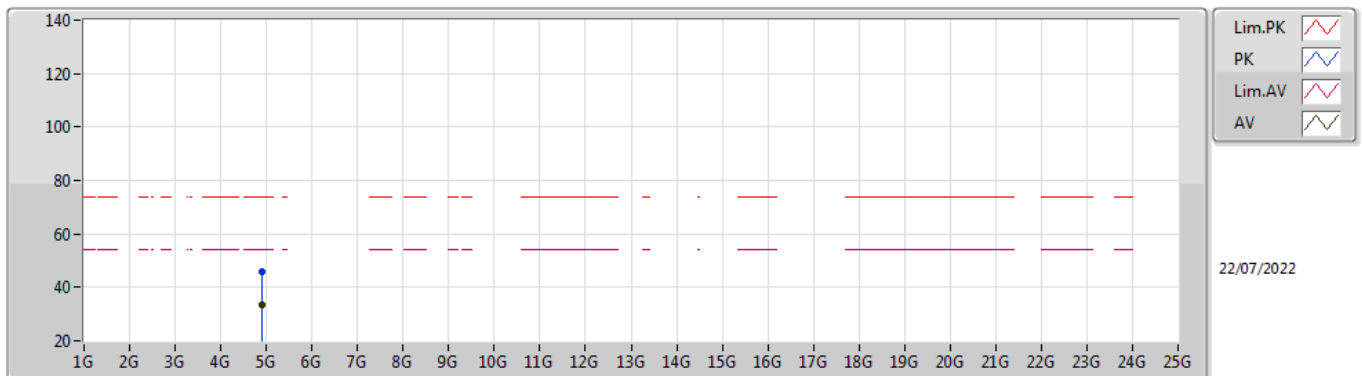
2452MHz_TX



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	4.91268G	33.51	54.00	-20.49	9.22	3	Vertical	111	1.60	-	24.29	32.88	6.33	29.99
PK	4.9044G	45.37	74.00	-28.63	9.16	3	Vertical	111	1.60	-	36.21	32.83	6.32	29.99

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	4.91192G	33.49	54.00	-20.51	9.21	3	Horizontal	230	2.22	-	24.28	32.87	6.33	29.99
PK	4.89828G	45.66	74.00	-28.34	9.13	3	Horizontal	230	2.22	-	36.53	32.80	6.32	29.99



Summary

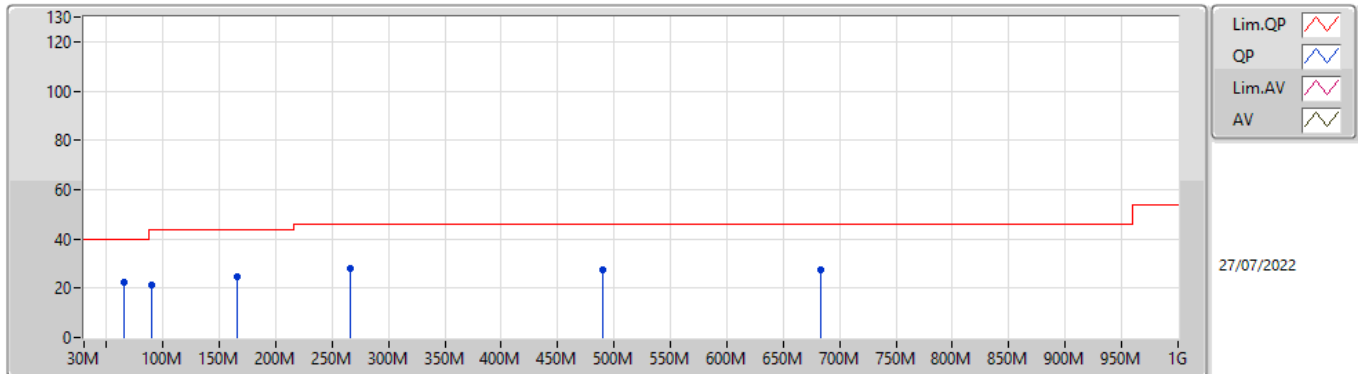
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	142.52M	32.86	43.50	-10.64	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	64.92M	22.60	40.00	-17.40	3	Vertical	0	1.00	-
2437MHz	Pass	PK	90.14M	21.19	43.50	-22.31	3	Vertical	0	1.00	-
2437MHz	Pass	PK	165.8M	24.40	43.50	-19.10	3	Vertical	0	1.00	-
2437MHz	Pass	PK	266.68M	27.79	46.00	-18.21	3	Vertical	0	1.00	-
2437MHz	Pass	PK	489.78M	27.31	46.00	-18.69	3	Vertical	0	1.00	-
2437MHz	Pass	PK	683.78M	27.29	46.00	-18.71	3	Vertical	0	1.00	-
2437MHz	Pass	PK	64.92M	28.52	40.00	-11.48	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	142.52M	32.86	43.50	-10.64	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	165.8M	31.51	43.50	-11.99	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	251.16M	33.92	46.00	-12.08	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	408.3M	32.33	46.00	-13.67	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	670.2M	30.39	46.00	-15.61	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

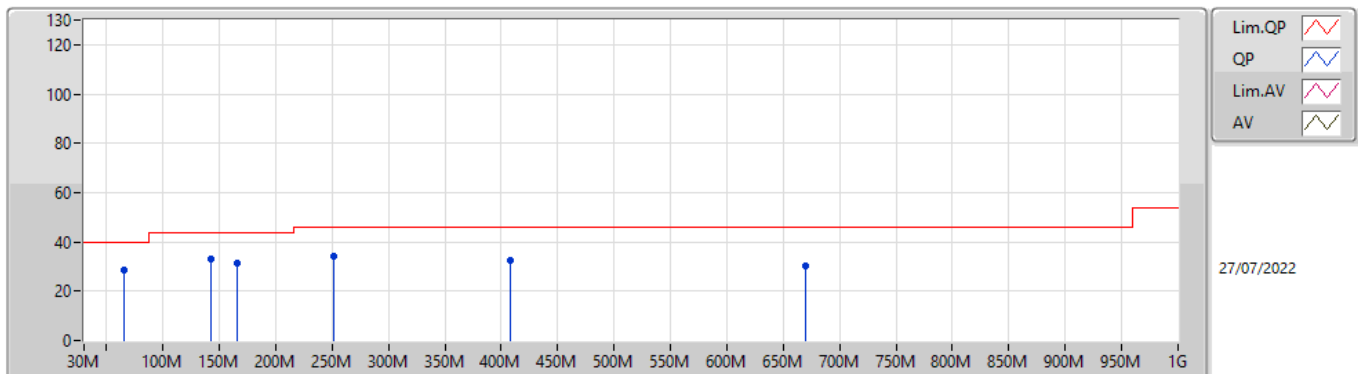
2437MHz_Test Fixture



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	64.92M	22.60	40.00	-17.40	-14.51	3	Vertical	0	1.00	-	37.11	11.44	1.52	27.47
PK	90.14M	21.19	43.50	-22.31	-11.82	3	Vertical	0	1.00	-	33.01	14.03	1.55	27.40
PK	165.8M	24.40	43.50	-19.10	-10.55	3	Vertical	0	1.00	-	34.95	14.88	1.65	27.08
PK	266.68M	27.79	46.00	-18.21	-6.76	3	Vertical	0	1.00	-	34.55	18.11	1.79	26.66
PK	489.78M	27.31	46.00	-18.69	-3.01	3	Vertical	0	1.00	-	30.32	22.63	2.09	27.73
PK	683.78M	27.29	46.00	-18.71	-1.43	3	Vertical	0	1.00	-	28.72	24.15	2.35	27.93

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_Test Fixture



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	64.92M	28.52	40.00	-11.48	-14.51	3	Horizontal	360	1.00	-	43.03	11.44	1.52	27.47
PK	142.52M	32.86	43.50	-10.64	-9.55	3	Horizontal	360	1.00	-	42.41	16.01	1.62	27.18
PK	165.8M	31.51	43.50	-11.99	-10.55	3	Horizontal	360	1.00	-	42.06	14.88	1.65	27.08
PK	251.16M	33.92	46.00	-12.08	-7.24	3	Horizontal	360	1.00	-	41.16	17.67	1.77	26.68
PK	408.3M	32.33	46.00	-13.67	-3.89	3	Horizontal	360	1.00	-	36.22	21.38	1.98	27.25
PK	670.2M	30.39	46.00	-15.61	-1.54	3	Horizontal	360	1.00	-	31.93	24.10	2.33	27.97

**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	2.4835G	48.70	54.00	-5.30	3	Horizontal	348	1.50	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.39G	53.77	54.00	-0.23	3	Horizontal	352	1.83	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	53.63	54.00	-0.37	3	Horizontal	344	1.03	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.39G	53.69	54.00	-0.31	3	Horizontal	349	1.48	-

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	2.39G	46.56	54.00	-7.44	3	Vertical	291	2.75	-
2412MHz	Pass	AV	2.4128G	100.85	Inf	-Inf	3	Vertical	291	2.75	-
2412MHz	Pass	PK	2.384G	59.00	74.00	-15.00	3	Vertical	291	2.75	-
2412MHz	Pass	PK	2.412G	103.61	Inf	-Inf	3	Vertical	291	2.75	-
2412MHz	Pass	AV	2.3898G	46.81	54.00	-7.19	3	Horizontal	352	2.06	-
2412MHz	Pass	AV	2.4128G	106.07	Inf	-Inf	3	Horizontal	352	2.06	-
2412MHz	Pass	PK	2.3834G	58.38	74.00	-15.62	3	Horizontal	352	2.06	-
2412MHz	Pass	PK	2.412G	108.84	Inf	-Inf	3	Horizontal	352	2.06	-
2412MHz	Pass	AV	4.82392G	34.21	54.00	-19.79	3	Vertical	77	2.64	-
2412MHz	Pass	PK	4.82388G	45.98	74.00	-28.02	3	Vertical	77	2.64	-
2412MHz	Pass	AV	4.824G	35.58	54.00	-18.42	3	Horizontal	131	1.00	-
2412MHz	Pass	PK	4.82396G	45.76	74.00	-28.24	3	Horizontal	131	1.00	-
2437MHz	Pass	AV	2.3898G	46.30	54.00	-7.70	3	Vertical	257	1.02	-
2437MHz	Pass	AV	2.4378G	98.91	Inf	-Inf	3	Vertical	257	1.02	-
2437MHz	Pass	AV	2.4886G	47.28	54.00	-6.72	3	Vertical	257	1.02	-
2437MHz	Pass	PK	2.389G	59.52	74.00	-14.48	3	Vertical	257	1.02	-
2437MHz	Pass	PK	2.437G	101.64	Inf	-Inf	3	Vertical	257	1.02	-
2437MHz	Pass	PK	2.4882G	58.81	74.00	-15.19	3	Vertical	257	1.02	-
2437MHz	Pass	AV	2.3886G	46.55	54.00	-7.45	3	Horizontal	350	1.53	-
2437MHz	Pass	AV	2.4362G	106.40	Inf	-Inf	3	Horizontal	350	1.53	-
2437MHz	Pass	AV	2.4835G	47.76	54.00	-6.24	3	Horizontal	350	1.53	-
2437MHz	Pass	PK	2.387G	58.47	74.00	-15.53	3	Horizontal	350	1.53	-
2437MHz	Pass	PK	2.437G	109.07	Inf	-Inf	3	Horizontal	350	1.53	-
2437MHz	Pass	PK	2.4862G	59.20	74.00	-14.80	3	Horizontal	350	1.53	-
2437MHz	Pass	AV	4.86784G	33.21	54.00	-20.79	3	Vertical	165	1.00	-
2437MHz	Pass	PK	4.8828G	45.63	74.00	-28.37	3	Vertical	165	1.00	-
2437MHz	Pass	AV	4.87396G	34.81	54.00	-19.19	3	Horizontal	135	1.19	-
2437MHz	Pass	PK	4.87112G	46.29	74.00	-27.71	3	Horizontal	135	1.19	-
2462MHz	Pass	AV	2.4628G	99.53	Inf	-Inf	3	Vertical	275	1.05	-
2462MHz	Pass	AV	2.4836G	47.51	54.00	-6.49	3	Vertical	275	1.05	-
2462MHz	Pass	PK	2.462G	102.26	Inf	-Inf	3	Vertical	275	1.05	-
2462MHz	Pass	PK	2.4908G	59.28	74.00	-14.72	3	Vertical	275	1.05	-
2462MHz	Pass	AV	2.4628G	105.37	Inf	-Inf	3	Horizontal	348	1.50	-
2462MHz	Pass	AV	2.4835G	48.70	54.00	-5.30	3	Horizontal	348	1.50	-
2462MHz	Pass	PK	2.462G	108.03	Inf	-Inf	3	Horizontal	348	1.50	-
2462MHz	Pass	PK	2.484G	60.87	74.00	-13.13	3	Horizontal	348	1.50	-
2462MHz	Pass	AV	4.9242G	33.68	54.00	-20.32	3	Vertical	233	2.95	-
2462MHz	Pass	PK	4.91552G	46.40	74.00	-27.60	3	Vertical	233	2.95	-
2462MHz	Pass	AV	4.924G	36.17	54.00	-17.83	3	Horizontal	136	1.01	-
2462MHz	Pass	PK	4.92416G	47.01	74.00	-26.99	3	Horizontal	136	1.01	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.41	54.00	-3.59	3	Vertical	289	2.74	-
2412MHz	Pass	AV	2.4094G	97.14	Inf	-Inf	3	Vertical	289	2.74	-
2412MHz	Pass	PK	2.3896G	64.58	74.00	-9.42	3	Vertical	289	2.74	-
2412MHz	Pass	PK	2.4134G	105.34	Inf	-Inf	3	Vertical	289	2.74	-
2412MHz	Pass	AV	2.39G	53.77	54.00	-0.23	3	Horizontal	352	1.83	-
2412MHz	Pass	AV	2.414G	101.90	Inf	-Inf	3	Horizontal	352	1.83	-
2412MHz	Pass	PK	2.39G	69.40	74.00	-4.60	3	Horizontal	352	1.83	-
2412MHz	Pass	PK	2.4136G	110.13	Inf	-Inf	3	Horizontal	352	1.83	-
2412MHz	Pass	AV	4.82668G	32.97	54.00	-21.03	3	Vertical	360	1.68	-
2412MHz	Pass	PK	4.81908G	45.09	74.00	-28.91	3	Vertical	360	1.68	-
2412MHz	Pass	AV	4.82504G	33.09	54.00	-20.91	3	Horizontal	360	2.35	-
2412MHz	Pass	PK	4.82504G	45.71	74.00	-28.29	3	Horizontal	360	2.35	-
2417MHz	Pass	AV	2.3898G	47.95	54.00	-6.05	3	Vertical	196	1.00	-
2417MHz	Pass	AV	2.4144G	94.64	Inf	-Inf	3	Vertical	196	1.00	-
2417MHz	Pass	PK	2.39G	61.12	74.00	-12.88	3	Vertical	196	1.00	-
2417MHz	Pass	PK	2.4126G	102.61	Inf	-Inf	3	Vertical	196	1.00	-
2417MHz	Pass	AV	2.39G	49.35	54.00	-4.65	3	Horizontal	345	1.24	-
2417MHz	Pass	AV	2.419G	101.51	Inf	-Inf	3	Horizontal	345	1.24	-
2417MHz	Pass	PK	2.39G	64.43	74.00	-9.57	3	Horizontal	345	1.24	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.4186G	109.79	Inf	-Inf	3	Horizontal	345	1.24	-
2437MHz	Pass	AV	2.3898G	46.55	54.00	-7.45	3	Vertical	276	1.09	-
2437MHz	Pass	AV	2.4346G	98.08	Inf	-Inf	3	Vertical	276	1.09	-
2437MHz	Pass	AV	2.491G	47.29	54.00	-6.71	3	Vertical	276	1.09	-
2437MHz	Pass	PK	2.3486G	58.59	74.00	-15.41	3	Vertical	276	1.09	-
2437MHz	Pass	PK	2.4386G	106.08	Inf	-Inf	3	Vertical	276	1.09	-
2437MHz	Pass	PK	2.4842G	58.93	74.00	-15.07	3	Vertical	276	1.09	-
2437MHz	Pass	AV	2.3886G	46.55	54.00	-7.45	3	Horizontal	353	1.50	-
2437MHz	Pass	AV	2.4342G	103.14	Inf	-Inf	3	Horizontal	353	1.50	-
2437MHz	Pass	AV	2.4842G	48.01	54.00	-5.99	3	Horizontal	353	1.50	-
2437MHz	Pass	PK	2.389G	58.09	74.00	-15.91	3	Horizontal	353	1.50	-
2437MHz	Pass	PK	2.433G	111.05	Inf	-Inf	3	Horizontal	353	1.50	-
2437MHz	Pass	PK	2.4838G	59.25	74.00	-14.75	3	Horizontal	353	1.50	-
2437MHz	Pass	AV	4.8678G	33.33	54.00	-20.67	3	Vertical	259	1.50	-
2437MHz	Pass	PK	4.86652G	45.89	74.00	-28.11	3	Vertical	259	1.50	-
2437MHz	Pass	AV	4.86796G	33.45	54.00	-20.55	3	Horizontal	144	2.90	-
2437MHz	Pass	PK	4.8714G	45.96	74.00	-28.04	3	Horizontal	144	2.90	-
2457MHz	Pass	AV	2.4592G	90.51	Inf	-Inf	3	Vertical	191	1.17	-
2457MHz	Pass	AV	2.4835G	47.74	54.00	-6.26	3	Vertical	191	1.17	-
2457MHz	Pass	PK	2.4584G	98.69	Inf	-Inf	3	Vertical	191	1.17	-
2457MHz	Pass	PK	2.4964G	59.49	74.00	-14.51	3	Vertical	191	1.17	-
2457MHz	Pass	AV	2.4544G	101.03	Inf	-Inf	3	Horizontal	343	1.04	-
2457MHz	Pass	AV	2.4835G	53.25	54.00	-0.75	3	Horizontal	343	1.04	-
2457MHz	Pass	PK	2.4526G	109.09	Inf	-Inf	3	Horizontal	343	1.04	-
2457MHz	Pass	PK	2.4835G	69.26	74.00	-4.74	3	Horizontal	343	1.04	-
2462MHz	Pass	AV	2.4594G	92.97	Inf	-Inf	3	Vertical	274	1.04	-
2462MHz	Pass	AV	2.4835G	49.13	54.00	-4.87	3	Vertical	274	1.04	-
2462MHz	Pass	PK	2.4634G	101.18	Inf	-Inf	3	Vertical	274	1.04	-
2462MHz	Pass	PK	2.4835G	63.53	74.00	-10.47	3	Vertical	274	1.04	-
2462MHz	Pass	AV	2.4642G	99.47	Inf	-Inf	3	Horizontal	349	1.50	-
2462MHz	Pass	AV	2.4835G	53.27	54.00	-0.73	3	Horizontal	349	1.50	-
2462MHz	Pass	PK	2.4634G	107.72	Inf	-Inf	3	Horizontal	349	1.50	-
2462MHz	Pass	PK	2.4835G	69.37	74.00	-4.63	3	Horizontal	349	1.50	-
2462MHz	Pass	AV	4.92778G	32.68	54.00	-21.32	3	Vertical	130	1.50	-
2462MHz	Pass	PK	4.93786G	44.94	74.00	-29.06	3	Vertical	130	1.50	-
2462MHz	Pass	AV	4.922G	33.88	54.00	-20.12	3	Horizontal	334	1.50	-
2462MHz	Pass	PK	4.92676G	46.81	74.00	-27.19	3	Horizontal	334	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.97	54.00	-6.03	3	Vertical	250	1.18	-
2412MHz	Pass	AV	2.415G	92.29	Inf	-Inf	3	Vertical	250	1.18	-
2412MHz	Pass	PK	2.3898G	65.62	74.00	-8.38	3	Vertical	250	1.18	-
2412MHz	Pass	PK	2.409G	101.04	Inf	-Inf	3	Vertical	250	1.18	-
2412MHz	Pass	AV	2.39G	52.83	54.00	-1.17	3	Horizontal	344	1.48	-
2412MHz	Pass	AV	2.415G	100.23	Inf	-Inf	3	Horizontal	344	1.48	-
2412MHz	Pass	PK	2.3898G	72.72	74.00	-1.28	3	Horizontal	344	1.48	-
2412MHz	Pass	PK	2.409G	108.75	Inf	-Inf	3	Horizontal	344	1.48	-
2412MHz	Pass	AV	4.844G	32.47	54.00	-21.53	3	Vertical	101	2.98	-
2412MHz	Pass	PK	4.8056G	44.64	74.00	-29.36	3	Vertical	101	2.98	-
2412MHz	Pass	AV	4.84392G	32.82	54.00	-21.18	3	Horizontal	129	1.50	-
2412MHz	Pass	PK	4.80632G	44.32	74.00	-29.68	3	Horizontal	129	1.50	-
2417MHz	Pass	AV	2.3894G	48.16	54.00	-5.84	3	Vertical	196	1.00	-
2417MHz	Pass	AV	2.4138G	94.29	Inf	-Inf	3	Vertical	196	1.00	-
2417MHz	Pass	PK	2.388G	61.52	74.00	-12.48	3	Vertical	196	1.00	-
2417MHz	Pass	PK	2.414G	103.45	Inf	-Inf	3	Vertical	196	1.00	-
2417MHz	Pass	AV	2.39G	49.71	54.00	-4.29	3	Horizontal	344	1.26	-
2417MHz	Pass	AV	2.42G	101.30	Inf	-Inf	3	Horizontal	344	1.26	-
2417MHz	Pass	PK	2.3898G	63.33	74.00	-10.67	3	Horizontal	344	1.26	-
2417MHz	Pass	PK	2.4202G	109.61	Inf	-Inf	3	Horizontal	344	1.26	-
2437MHz	Pass	AV	2.3838G	45.42	54.00	-8.58	3	Vertical	185	1.22	-
2437MHz	Pass	AV	2.4314G	87.57	Inf	-Inf	3	Vertical	185	1.22	-
2437MHz	Pass	AV	2.4994G	46.23	54.00	-7.77	3	Vertical	185	1.22	-
2437MHz	Pass	PK	2.3874G	57.58	74.00	-16.42	3	Vertical	185	1.22	-

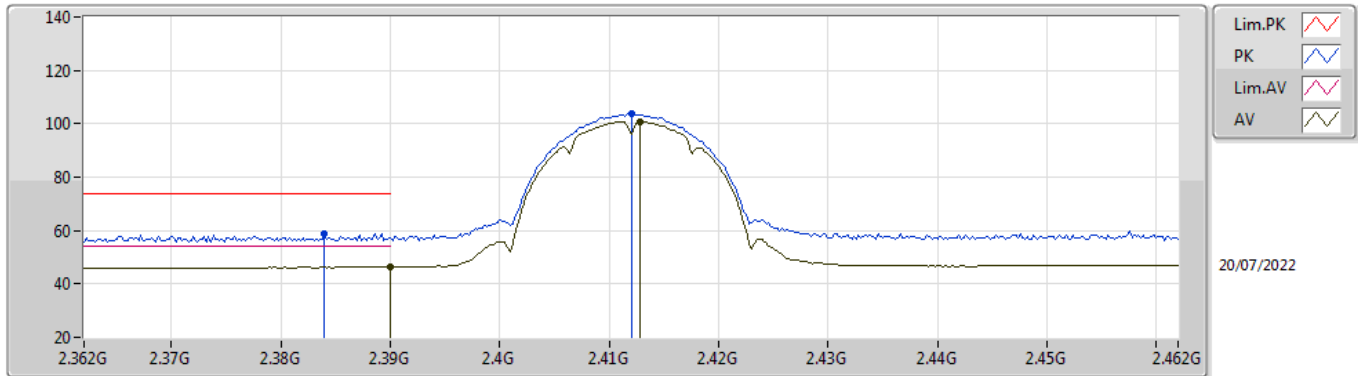


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4338G	96.46	Inf	-Inf	3	Vertical	185	1.22	-
2437MHz	Pass	PK	2.4974G	58.49	74.00	-15.51	3	Vertical	185	1.22	-
2437MHz	Pass	AV	2.3886G	45.73	54.00	-8.27	3	Horizontal	351	1.92	-
2437MHz	Pass	AV	2.4338G	101.42	Inf	-Inf	3	Horizontal	351	1.92	-
2437MHz	Pass	AV	2.4842G	46.95	54.00	-7.05	3	Horizontal	351	1.92	-
2437MHz	Pass	PK	2.3894G	58.23	74.00	-15.77	3	Horizontal	351	1.92	-
2437MHz	Pass	PK	2.4338G	110.49	Inf	-Inf	3	Horizontal	351	1.92	-
2437MHz	Pass	PK	2.4854G	59.13	74.00	-14.87	3	Horizontal	351	1.92	-
2437MHz	Pass	AV	4.8872G	32.16	54.00	-21.84	3	Vertical	196	1.50	-
2437MHz	Pass	PK	4.87624G	44.30	74.00	-29.70	3	Vertical	196	1.50	-
2437MHz	Pass	AV	4.87384G	33.02	54.00	-20.98	3	Horizontal	134	2.29	-
2437MHz	Pass	PK	4.86664G	44.72	74.00	-29.28	3	Horizontal	134	2.29	-
2457MHz	Pass	AV	2.46G	90.13	Inf	-Inf	3	Vertical	191	1.16	-
2457MHz	Pass	AV	2.4835G	47.74	54.00	-6.26	3	Vertical	191	1.16	-
2457MHz	Pass	PK	2.454G	98.87	Inf	-Inf	3	Vertical	191	1.16	-
2457MHz	Pass	PK	2.484G	60.28	74.00	-13.72	3	Vertical	191	1.16	-
2457MHz	Pass	AV	2.4538G	100.73	Inf	-Inf	3	Horizontal	344	1.03	-
2457MHz	Pass	AV	2.4835G	53.63	54.00	-0.37	3	Horizontal	344	1.03	-
2457MHz	Pass	PK	2.454G	109.99	Inf	-Inf	3	Horizontal	344	1.03	-
2457MHz	Pass	PK	2.4835G	69.08	74.00	-4.92	3	Horizontal	344	1.03	-
2462MHz	Pass	AV	2.4652G	86.47	Inf	-Inf	3	Vertical	172	2.14	-
2462MHz	Pass	AV	2.4835G	47.42	54.00	-6.58	3	Vertical	172	2.14	-
2462MHz	Pass	PK	2.4646G	94.69	Inf	-Inf	3	Vertical	172	2.14	-
2462MHz	Pass	PK	2.4838G	61.78	74.00	-12.22	3	Vertical	172	2.14	-
2462MHz	Pass	AV	2.465G	97.81	Inf	-Inf	3	Horizontal	195	1.39	-
2462MHz	Pass	AV	2.4835G	53.44	54.00	-0.56	3	Horizontal	195	1.39	-
2462MHz	Pass	PK	2.459G	106.42	Inf	-Inf	3	Horizontal	195	1.39	-
2462MHz	Pass	PK	2.4838G	72.49	74.00	-1.51	3	Horizontal	195	1.39	-
2462MHz	Pass	AV	4.94224G	32.83	54.00	-21.17	3	Vertical	205	1.50	-
2462MHz	Pass	PK	4.92856G	45.61	74.00	-28.39	3	Vertical	205	1.50	-
2462MHz	Pass	AV	4.924G	33.34	54.00	-20.66	3	Horizontal	135	2.32	-
2462MHz	Pass	PK	4.91624G	44.70	74.00	-29.30	3	Horizontal	135	2.32	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	47.57	54.00	-6.43	3	Vertical	193	1.00	-
2422MHz	Pass	AV	2.4164G	84.54	Inf	-Inf	3	Vertical	193	1.00	-
2422MHz	Pass	AV	2.4872G	46.45	54.00	-7.55	3	Vertical	193	1.00	-
2422MHz	Pass	PK	2.39G	62.30	74.00	-11.70	3	Vertical	193	1.00	-
2422MHz	Pass	PK	2.4148G	94.01	Inf	-Inf	3	Vertical	193	1.00	-
2422MHz	Pass	PK	2.4848G	57.90	74.00	-16.10	3	Vertical	193	1.00	-
2422MHz	Pass	AV	2.39G	53.69	54.00	-0.31	3	Horizontal	349	1.48	-
2422MHz	Pass	AV	2.4252G	97.14	Inf	-Inf	3	Horizontal	349	1.48	-
2422MHz	Pass	AV	2.4835G	48.31	54.00	-5.69	3	Horizontal	349	1.48	-
2422MHz	Pass	PK	2.3888G	70.34	74.00	-3.66	3	Horizontal	349	1.48	-
2422MHz	Pass	PK	2.4288G	106.12	Inf	-Inf	3	Horizontal	349	1.48	-
2422MHz	Pass	PK	2.486G	61.09	74.00	-12.91	3	Horizontal	349	1.48	-
2422MHz	Pass	AV	4.84832G	32.13	54.00	-21.87	3	Vertical	296	1.50	-
2422MHz	Pass	PK	4.84816G	44.87	74.00	-29.13	3	Vertical	296	1.50	-
2422MHz	Pass	AV	4.84936G	32.02	54.00	-21.98	3	Horizontal	350	1.50	-
2422MHz	Pass	PK	4.8468G	44.37	74.00	-29.63	3	Horizontal	350	1.50	-
2427MHz	Pass	AV	2.3898G	51.32	54.00	-2.68	3	Vertical	190	1.00	-
2427MHz	Pass	AV	2.4214G	90.24	Inf	-Inf	3	Vertical	190	1.00	-
2427MHz	Pass	AV	2.495G	47.29	54.00	-6.71	3	Vertical	190	1.00	-
2427MHz	Pass	PK	2.3898G	66.39	74.00	-7.61	3	Vertical	190	1.00	-
2427MHz	Pass	PK	2.4202G	99.60	Inf	-Inf	3	Vertical	190	1.00	-
2427MHz	Pass	PK	2.4906G	58.51	74.00	-15.49	3	Vertical	190	1.00	-
2427MHz	Pass	AV	2.3898G	53.52	54.00	-0.48	3	Horizontal	343	1.55	-
2427MHz	Pass	AV	2.4326G	99.05	Inf	-Inf	3	Horizontal	343	1.55	-
2427MHz	Pass	AV	2.4835G	49.92	54.00	-4.08	3	Horizontal	343	1.55	-
2427MHz	Pass	PK	2.3898G	69.44	74.00	-4.56	3	Horizontal	343	1.55	-
2427MHz	Pass	PK	2.4338G	108.35	Inf	-Inf	3	Horizontal	343	1.55	-
2427MHz	Pass	PK	2.4835G	63.59	74.00	-10.41	3	Horizontal	343	1.55	-
2437MHz	Pass	AV	2.389G	46.23	54.00	-7.77	3	Vertical	183	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4314G	84.74	Inf	-Inf	3	Vertical	183	1.00	-
2437MHz	Pass	AV	2.4882G	46.46	54.00	-7.54	3	Vertical	183	1.00	-
2437MHz	Pass	PK	2.3886G	59.46	74.00	-14.54	3	Vertical	183	1.00	-
2437MHz	Pass	PK	2.4298G	93.73	Inf	-Inf	3	Vertical	183	1.00	-
2437MHz	Pass	PK	2.4898G	58.20	74.00	-15.80	3	Vertical	183	1.00	-
2437MHz	Pass	AV	2.3898G	49.59	54.00	-4.41	3	Horizontal	350	1.90	-
2437MHz	Pass	AV	2.4338G	98.23	Inf	-Inf	3	Horizontal	350	1.90	-
2437MHz	Pass	AV	2.4835G	53.67	54.00	-0.33	3	Horizontal	350	1.90	-
2437MHz	Pass	PK	2.389G	62.45	74.00	-11.55	3	Horizontal	350	1.90	-
2437MHz	Pass	PK	2.435G	106.66	Inf	-Inf	3	Horizontal	350	1.90	-
2437MHz	Pass	PK	2.4835G	68.08	74.00	-5.92	3	Horizontal	350	1.90	-
2437MHz	Pass	AV	4.86928G	32.39	54.00	-21.61	3	Vertical	257	1.43	-
2437MHz	Pass	PK	4.894G	44.78	74.00	-29.22	3	Vertical	257	1.43	-
2437MHz	Pass	AV	4.88768G	32.30	54.00	-21.70	3	Horizontal	360	2.61	-
2437MHz	Pass	PK	4.88696G	44.72	74.00	-29.28	3	Horizontal	360	2.61	-
2447MHz	Pass	AV	2.3886G	46.53	54.00	-7.47	3	Vertical	273	2.86	-
2447MHz	Pass	AV	2.4338G	92.10	Inf	-Inf	3	Vertical	273	2.86	-
2447MHz	Pass	AV	2.4835G	49.32	54.00	-4.68	3	Vertical	273	2.86	-
2447MHz	Pass	PK	2.3726G	59.48	74.00	-14.52	3	Vertical	273	2.86	-
2447MHz	Pass	PK	2.4402G	100.96	Inf	-Inf	3	Vertical	273	2.86	-
2447MHz	Pass	PK	2.4835G	63.86	74.00	-10.14	3	Vertical	273	2.86	-
2447MHz	Pass	AV	2.3894G	46.53	54.00	-7.47	3	Horizontal	343	1.49	-
2447MHz	Pass	AV	2.4454G	96.82	Inf	-Inf	3	Horizontal	343	1.49	-
2447MHz	Pass	AV	2.4835G	52.98	54.00	-1.02	3	Horizontal	343	1.49	-
2447MHz	Pass	PK	2.359G	58.36	74.00	-15.64	3	Horizontal	343	1.49	-
2447MHz	Pass	PK	2.4538G	105.52	Inf	-Inf	3	Horizontal	343	1.49	-
2447MHz	Pass	PK	2.4838G	69.59	74.00	-4.41	3	Horizontal	343	1.49	-
2452MHz	Pass	AV	2.3872G	45.45	54.00	-8.55	3	Vertical	165	2.71	-
2452MHz	Pass	AV	2.4612G	80.56	Inf	-Inf	3	Vertical	165	2.71	-
2452MHz	Pass	AV	2.4876G	46.72	54.00	-7.28	3	Vertical	165	2.71	-
2452MHz	Pass	PK	2.362G	57.29	74.00	-16.71	3	Vertical	165	2.71	-
2452MHz	Pass	PK	2.4588G	89.95	Inf	-Inf	3	Vertical	165	2.71	-
2452MHz	Pass	PK	2.4848G	58.89	74.00	-15.11	3	Vertical	165	2.71	-
2452MHz	Pass	AV	2.39G	45.74	54.00	-8.26	3	Horizontal	195	1.49	-
2452MHz	Pass	AV	2.4464G	95.37	Inf	-Inf	3	Horizontal	195	1.49	-
2452MHz	Pass	AV	2.4835G	53.44	54.00	-0.56	3	Horizontal	195	1.49	-
2452MHz	Pass	PK	2.3868G	57.71	74.00	-16.29	3	Horizontal	195	1.49	-
2452MHz	Pass	PK	2.4452G	104.15	Inf	-Inf	3	Horizontal	195	1.49	-
2452MHz	Pass	PK	2.486G	69.23	74.00	-4.77	3	Horizontal	195	1.49	-
2452MHz	Pass	AV	4.92352G	32.71	54.00	-21.29	3	Vertical	360	2.78	-
2452MHz	Pass	PK	4.90584G	45.81	74.00	-28.19	3	Vertical	360	2.78	-
2452MHz	Pass	AV	4.92248G	32.94	54.00	-21.06	3	Horizontal	234	2.51	-
2452MHz	Pass	PK	4.8892G	45.24	74.00	-28.76	3	Horizontal	234	2.51	-

802.11b_Nss1,(1Mbps)_1TX

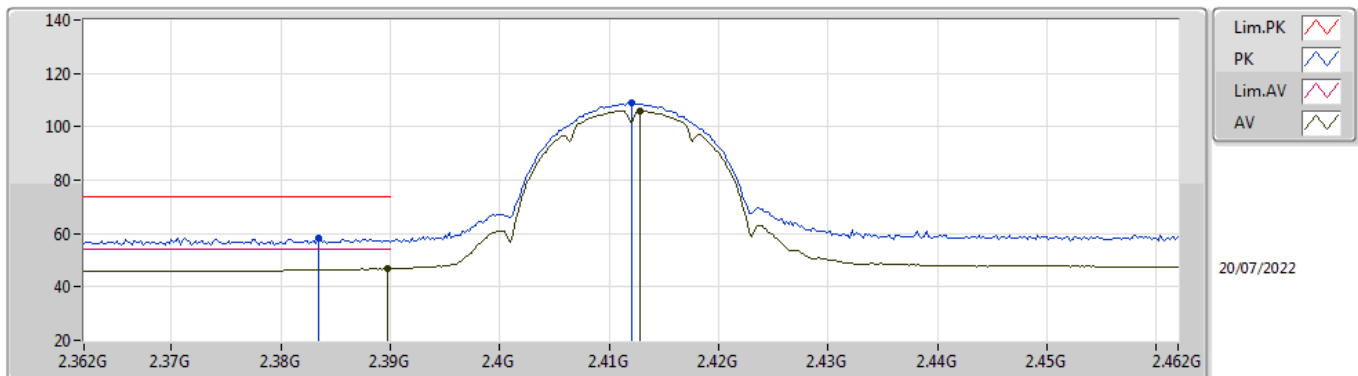
2412MHz_TX



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	2.39G	46.56	54.00	-7.44	31.75	3	Vertical	291	2.75	-	14.81	27.38	4.37	-
AV	2.4128G	100.85	Inf	-Inf	31.85	3	Vertical	291	2.75	-	69.00	27.45	4.40	-
PK	2.384G	59.00	74.00	-15.00	31.73	3	Vertical	291	2.75	-	27.27	27.37	4.36	-
PK	2.412G	103.61	Inf	-Inf	31.85	3	Vertical	291	2.75	-	71.76	27.45	4.40	-

802.11b_Nss1,(1Mbps)_1TX

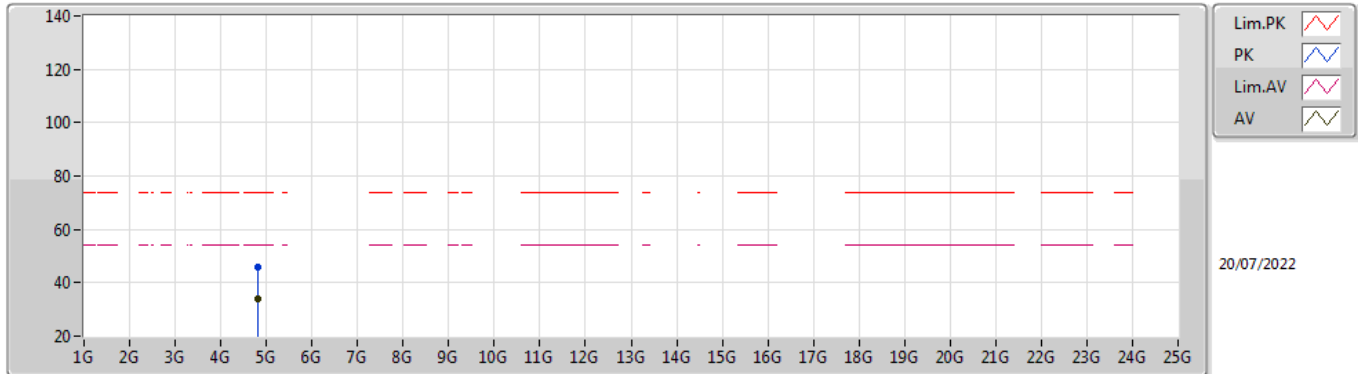
2412MHz_TX



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	46.81	54.00	-7.19	31.75	3	Horizontal	352	2.06	-	15.06	27.38	4.37	-
AV	2.4128G	106.07	Inf	-Inf	31.85	3	Horizontal	352	2.06	-	74.22	27.45	4.40	-
PK	2.3834G	58.38	74.00	-15.62	31.73	3	Horizontal	352	2.06	-	26.65	27.37	4.36	-
PK	2.412G	108.84	Inf	-Inf	31.85	3	Horizontal	352	2.06	-	76.99	27.45	4.40	-

802.11b_Nss1,(1Mbps)_1TX

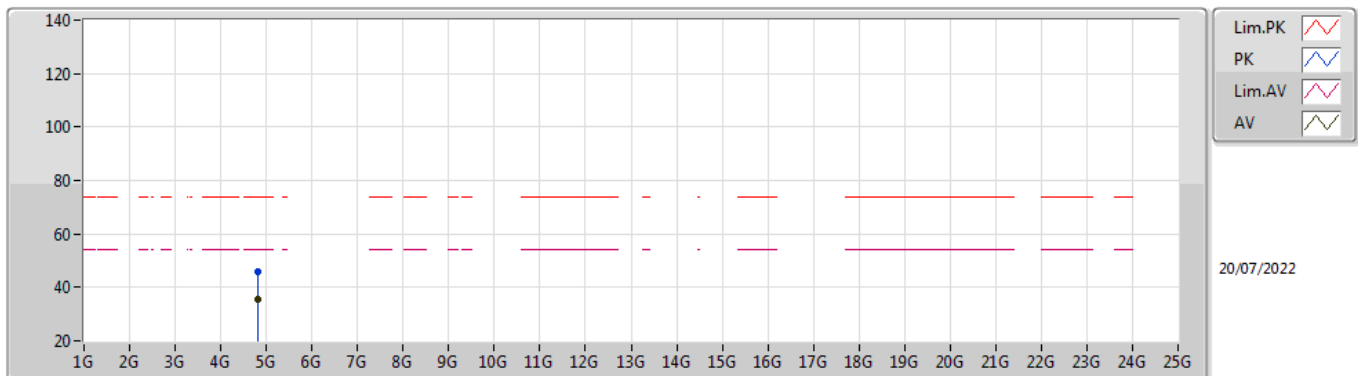
2412MHz_TX



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	4.82392G	34.21	54.00	-19.79	8.85	3	Vertical	77	2.64	-	25.36	32.60	6.27	30.02
PK	4.82388G	45.98	74.00	-28.02	8.85	3	Vertical	77	2.64	-	37.13	32.60	6.27	30.02

802.11b_Nss1,(1Mbps)_1TX

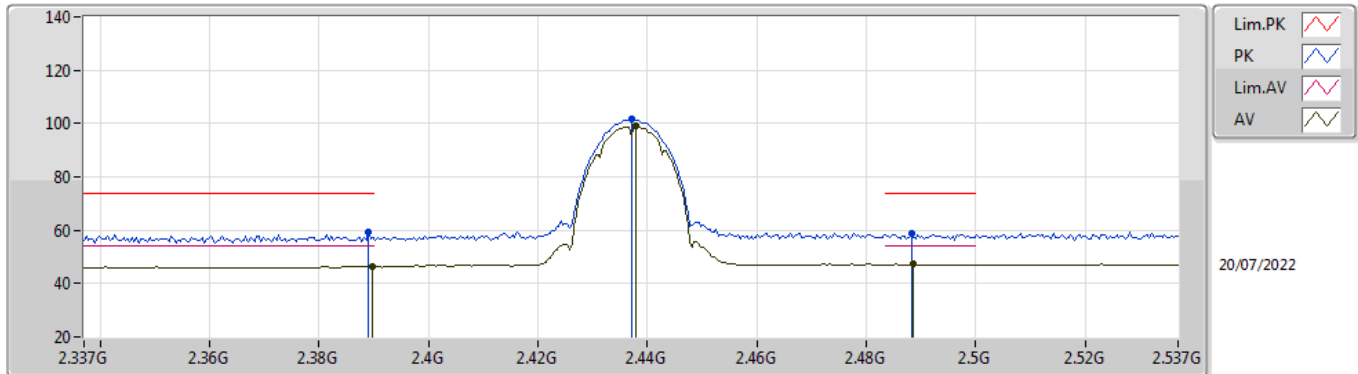
2412MHz_TX



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	4.824G	35.58	54.00	-18.42	8.85	3	Horizontal	131	1.00	-	26.73	32.60	6.27	30.02
PK	4.82396G	45.76	74.00	-28.24	8.85	3	Horizontal	131	1.00	-	36.91	32.60	6.27	30.02

802.11b_Nss1,(1Mbps)_1TX

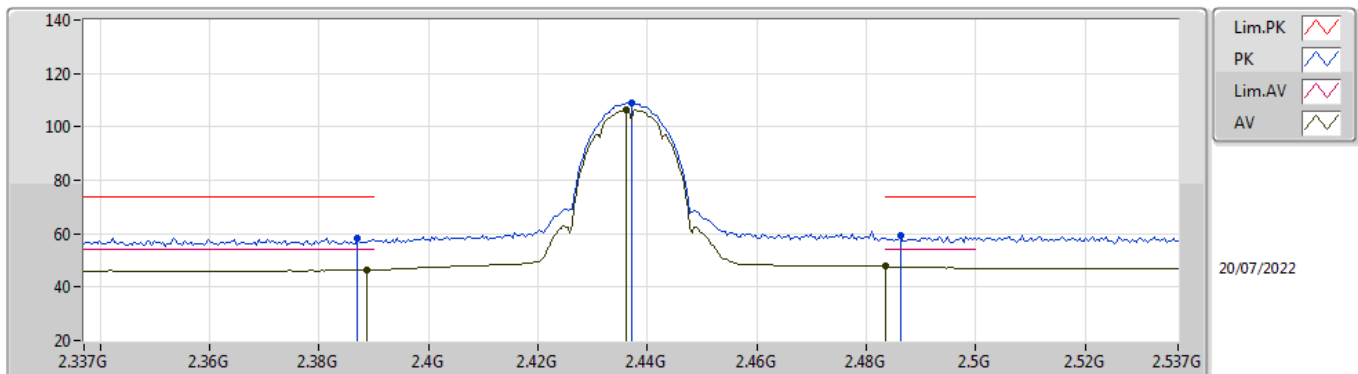
2437MHz_TX



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	2.3898G	46.30	54.00	-7.70	31.75	3	Vertical	257	1.02	-	14.55	27.38	4.37	-
AV	2.4378G	98.91	Inf	-Inf	31.98	3	Vertical	257	1.02	-	66.93	27.55	4.43	-
AV	2.4886G	47.28	54.00	-6.72	32.34	3	Vertical	257	1.02	-	14.94	27.83	4.51	-
PK	2.389G	59.52	74.00	-14.48	31.75	3	Vertical	257	1.02	-	27.77	27.38	4.37	-
PK	2.437G	101.64	Inf	-Inf	31.98	3	Vertical	257	1.02	-	69.66	27.55	4.43	-
PK	2.4882G	58.81	74.00	-15.19	32.34	3	Vertical	257	1.02	-	26.47	27.83	4.51	-

802.11b_Nss1,(1Mbps)_1TX

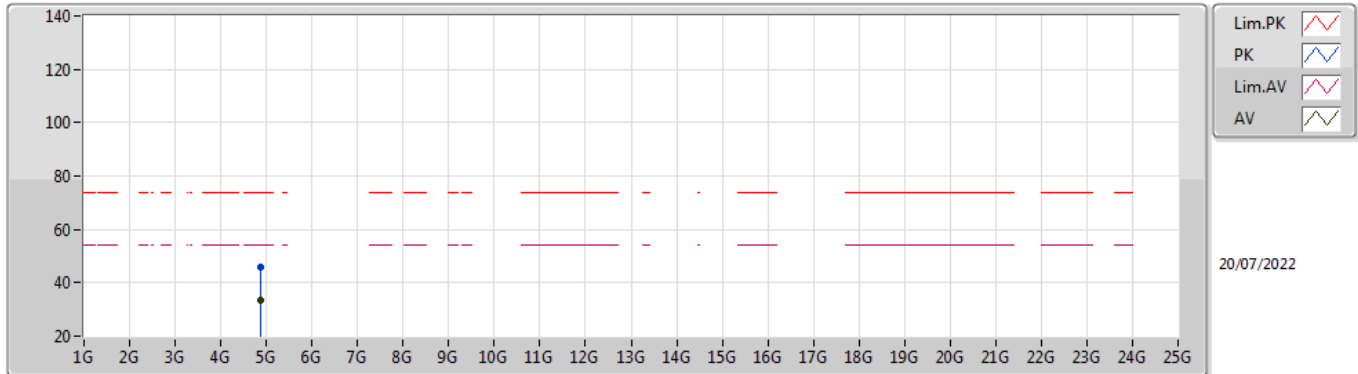
2437MHz_TX



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	2.3886G	46.55	54.00	-7.45	31.75	3	Horizontal	350	1.53	-	14.80	27.38	4.37	-
AV	2.4362G	106.40	Inf	-Inf	31.97	3	Horizontal	350	1.53	-	74.43	27.54	4.43	-
AV	2.4835G	47.76	54.00	-6.24	32.30	3	Horizontal	350	1.53	-	15.46	27.80	4.50	-
PK	2.387G	58.47	74.00	-15.53	31.74	3	Horizontal	350	1.53	-	26.73	27.37	4.37	-
PK	2.437G	109.07	Inf	-Inf	31.98	3	Horizontal	350	1.53	-	77.09	27.55	4.43	-
PK	2.4862G	59.20	74.00	-14.80	32.32	3	Horizontal	350	1.53	-	26.88	27.82	4.50	-

802.11b_Nss1,(1Mbps)_1TX

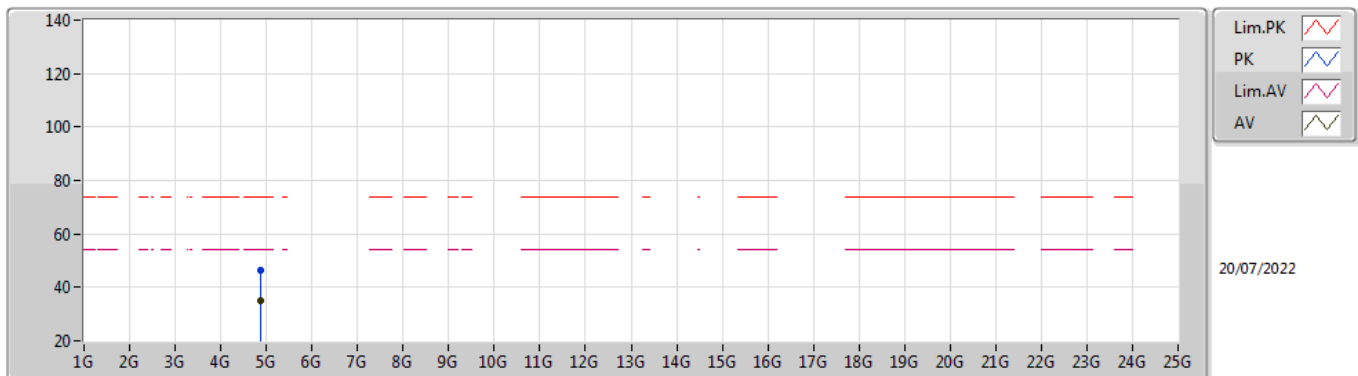
2437MHz_TX



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	4.86784G	33.21	54.00	-20.79	9.04	3	Vertical	165	1.00	-	24.17	32.74	6.30	30.00
PK	4.8828G	45.63	74.00	-28.37	9.08	3	Vertical	165	1.00	-	36.55	32.77	6.31	30.00

802.11b_Nss1,(1Mbps)_1TX

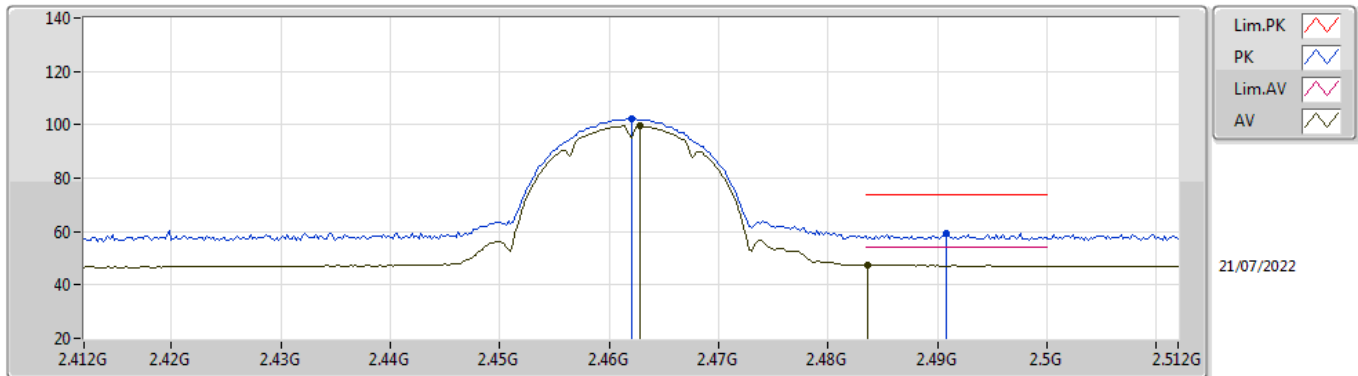
2437MHz_TX



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	4.87396G	34.81	54.00	-19.19	9.05	3	Horizontal	135	1.19	-	25.76	32.75	6.30	30.00
PK	4.87112G	46.29	74.00	-27.71	9.04	3	Horizontal	135	1.19	-	37.25	32.74	6.30	30.00

802.11b_Nss1,(1Mbps)_1TX

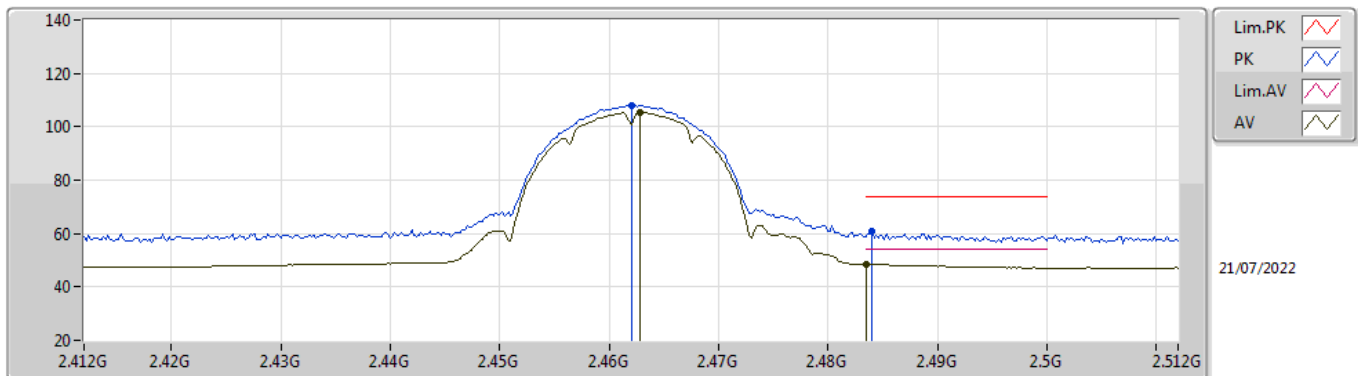
2462MHz_TX



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	24628G	99.53	Inf	-Inf	32.15	3	Vertical	275	1.05	-	67.38	27.68	4.47	-
AV	24836G	47.51	54.00	-6.49	32.30	3	Vertical	275	1.05	-	15.21	27.80	4.50	-
PK	2462G	102.26	Inf	-Inf	32.14	3	Vertical	275	1.05	-	70.12	27.67	4.47	-
PK	24908G	59.28	74.00	-14.72	32.35	3	Vertical	275	1.05	-	26.93	27.84	4.51	-

802.11b_Nss1,(1Mbps)_1TX

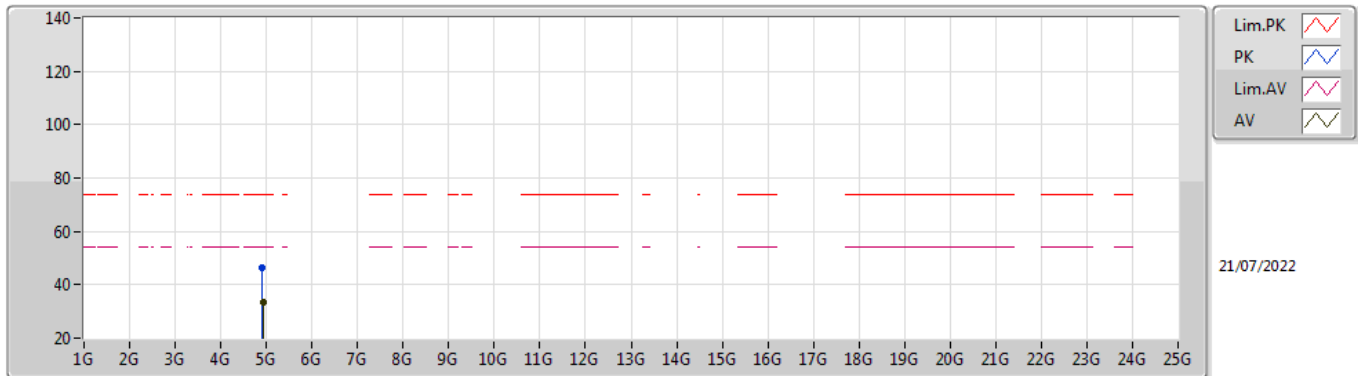
2462MHz_TX



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	24628G	105.37	Inf	-Inf	32.15	3	Horizontal	348	1.50	-	73.22	27.68	4.47	-
AV	24835G	48.70	54.00	-5.30	32.30	3	Horizontal	348	1.50	-	16.40	27.80	4.50	-
PK	2462G	108.03	Inf	-Inf	32.14	3	Horizontal	348	1.50	-	75.89	27.67	4.47	-
PK	2484G	60.87	74.00	-13.13	32.30	3	Horizontal	348	1.50	-	28.57	27.80	4.50	-

802.11b_Nss1,(1Mbps)_1TX

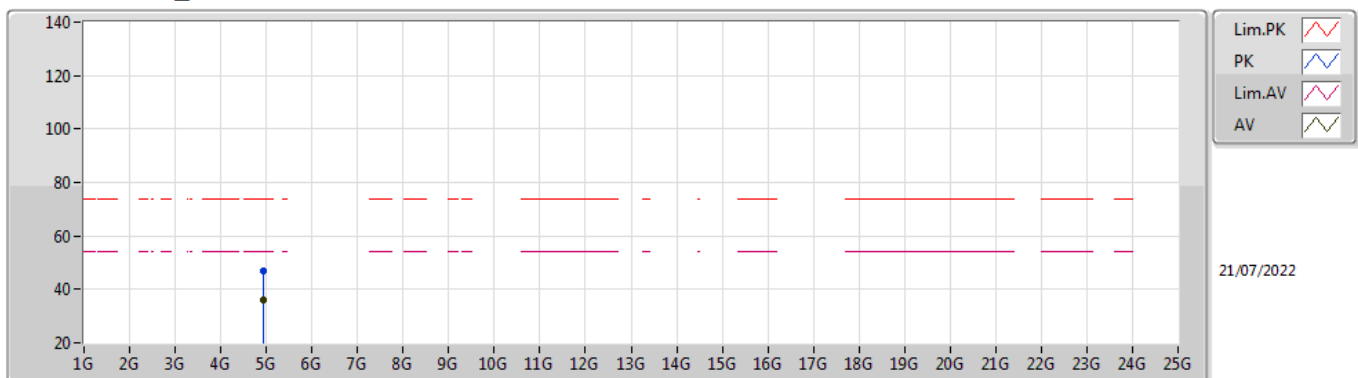
2462MHz_TX



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	4.9242G	33.68	54.00	-20.32	9.29	3	Vertical	233	2.95	-	24.39	32.95	6.33	29.99
PK	4.91552G	46.40	74.00	-27.60	9.23	3	Vertical	233	2.95	-	37.17	32.89	6.33	29.99

802.11b_Nss1,(1Mbps)_1TX

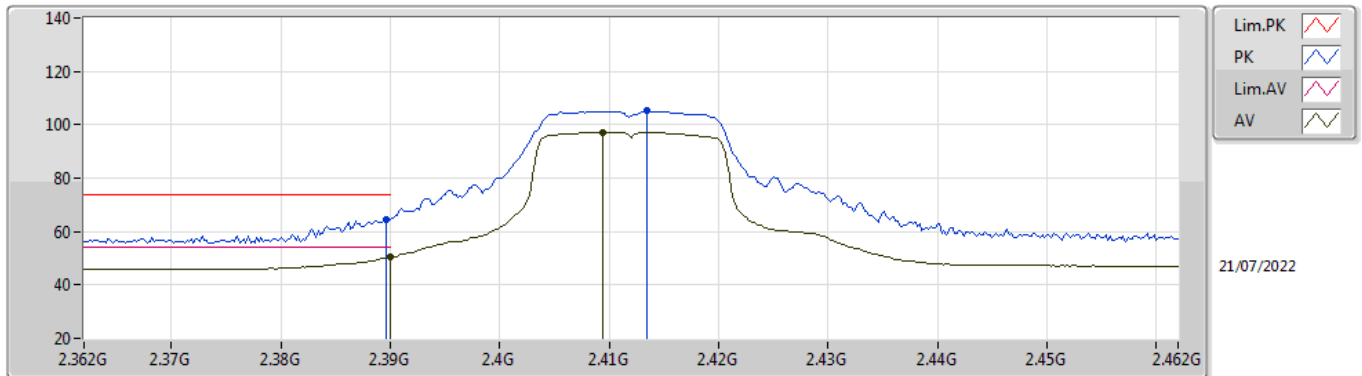
2462MHz_TX



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	4.924G	36.17	54.00	-17.83	9.28	3	Horizontal	136	1.01	-	26.89	32.94	6.33	29.99
PK	4.92416G	47.01	74.00	-26.99	9.28	3	Horizontal	136	1.01	-	37.73	32.94	6.33	29.99

802.11g_Nss1,(6Mbps)_1TX

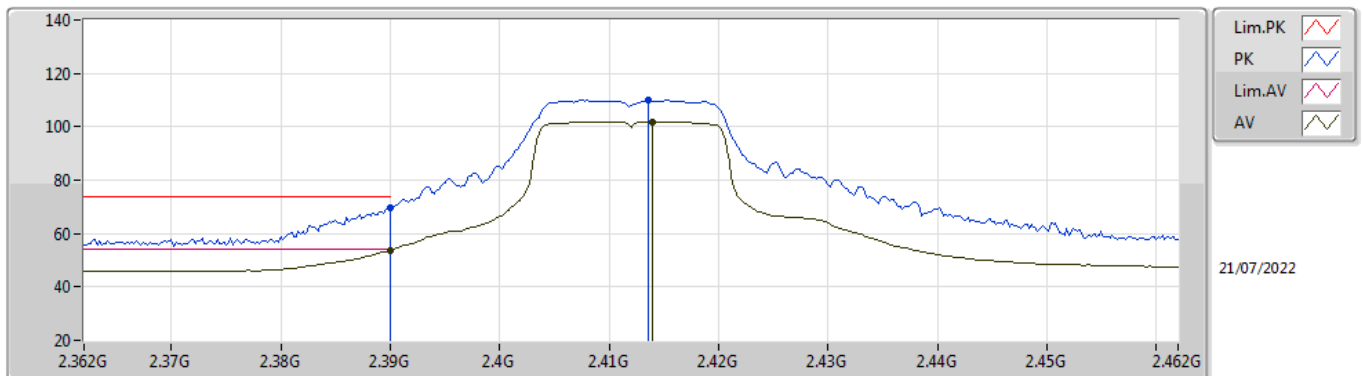
2412MHz_TX



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	2.39G	50.41	54.00	-3.59	31.75	3	Vertical	289	2.74	-	18.66	27.38	4.37	-
AV	2.4094G	97.14	Inf	-Inf	31.83	3	Vertical	289	2.74	-	65.31	27.44	4.39	-
PK	2.3896G	64.58	74.00	-9.42	31.75	3	Vertical	289	2.74	-	32.83	27.38	4.37	-
PK	2.4134G	105.34	Inf	-Inf	31.85	3	Vertical	289	2.74	-	73.49	27.45	4.40	-

802.11g_Nss1,(6Mbps)_1TX

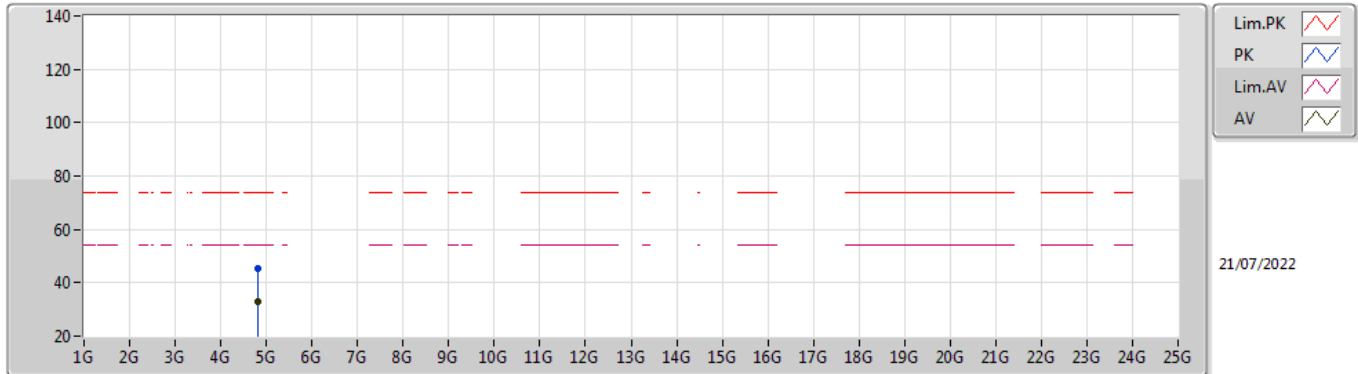
2412MHz_TX



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	2.39G	53.77	54.00	-0.23	31.75	3	Horizontal	352	1.83	-	22.02	27.38	4.37	-
AV	2.414G	101.90	Inf	-Inf	31.86	3	Horizontal	352	1.83	-	70.04	27.46	4.40	-
PK	2.39G	69.40	74.00	-4.60	31.75	3	Horizontal	352	1.83	-	37.65	27.38	4.37	-
PK	2.4136G	110.13	Inf	-Inf	31.85	3	Horizontal	352	1.83	-	78.28	27.45	4.40	-

802.11g_Nss1,(6Mbps)_1TX

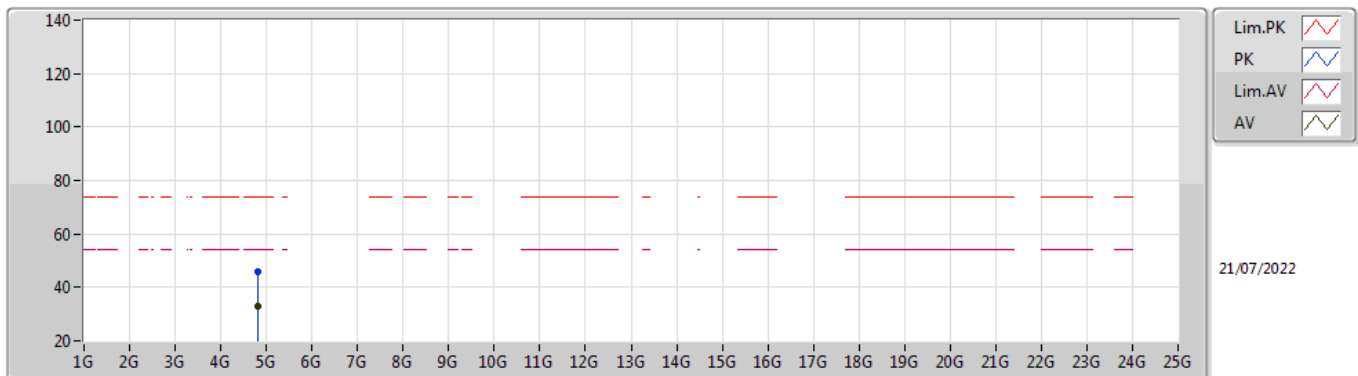
2412MHz_TX



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	4.82668G	32.97	54.00	-21.03	8.87	3	Vertical	360	1.68	-	24.10	32.61	6.28	30.02
PK	4.81908G	45.09	74.00	-28.91	8.83	3	Vertical	360	1.68	-	36.26	32.58	6.27	30.02

802.11g_Nss1,(6Mbps)_1TX

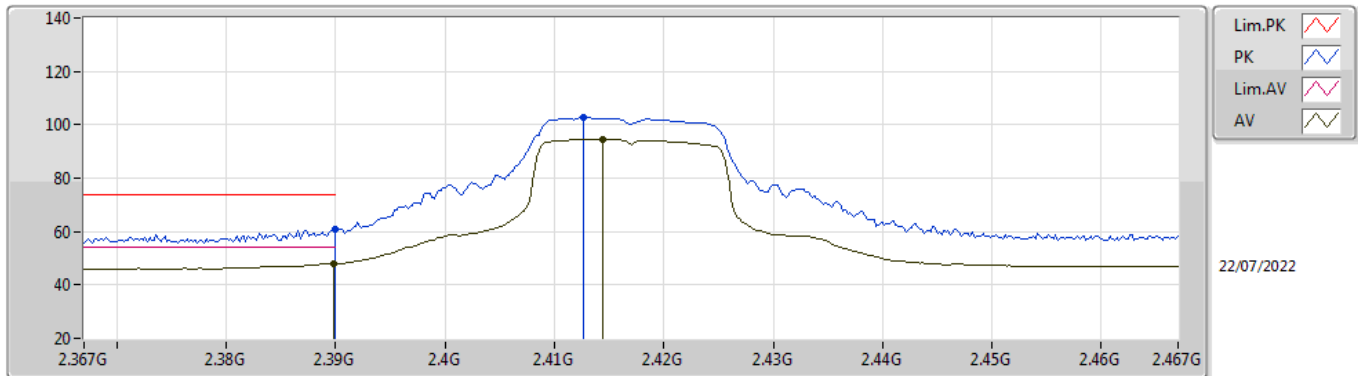
2412MHz_TX



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	4.82504G	33.09	54.00	-20.91	8.86	3	Horizontal	360	2.35	-	24.23	32.60	6.28	30.02
PK	4.82504G	45.71	74.00	-28.29	8.86	3	Horizontal	360	2.35	-	36.85	32.60	6.28	30.02

802.11g_Nss1,(6Mbps)_1TX

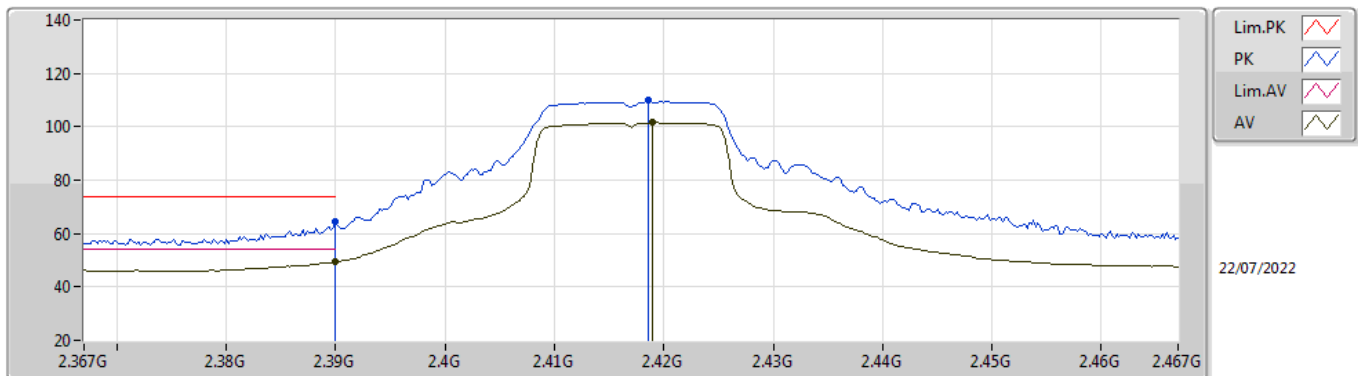
2417MHz_TX



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	47.95	54.00	-6.05	31.75	3	Vertical	196	1.00	-	16.20	27.38	4.37	-
AV	2.4144G	94.64	Inf	-Inf	31.86	3	Vertical	196	1.00	-	62.78	27.46	4.40	-
PK	2.39G	61.12	74.00	-12.88	31.75	3	Vertical	196	1.00	-	29.37	27.38	4.37	-
PK	2.4126G	102.61	Inf	-Inf	31.85	3	Vertical	196	1.00	-	70.76	27.45	4.40	-

802.11g_Nss1,(6Mbps)_1TX

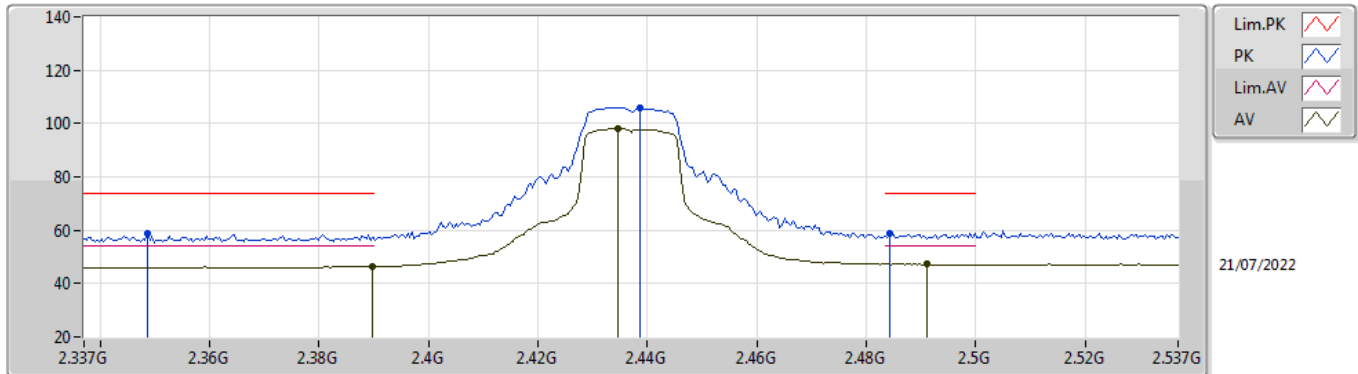
2417MHz_TX



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	49.35	54.00	-4.65	31.75	3	Horizontal	345	1.24	-	17.60	27.38	4.37	-
AV	2.419G	101.51	Inf	-Inf	31.89	3	Horizontal	345	1.24	-	69.62	27.48	4.41	-
PK	2.39G	64.43	74.00	-9.57	31.75	3	Horizontal	345	1.24	-	32.68	27.38	4.37	-
PK	2.4186G	109.79	Inf	-Inf	31.88	3	Horizontal	345	1.24	-	77.91	27.47	4.41	-

802.11g_Nss1,(6Mbps)_1TX

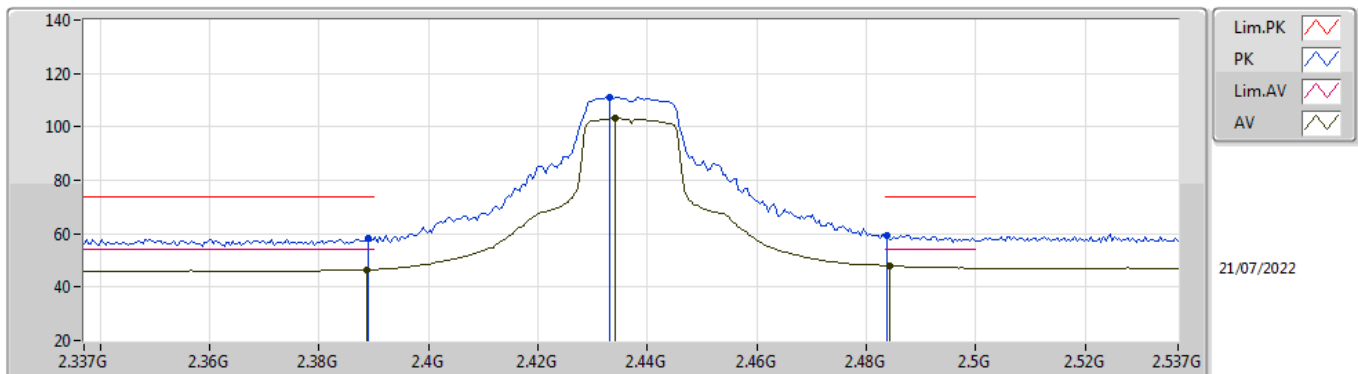
2437MHz_TX



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	46.55	54.00	-7.45	31.75	3	Vertical	276	1.09	-	14.80	27.38	4.37	-
AV	2.4346G	98.08	Inf	-Inf	31.97	3	Vertical	276	1.09	-	66.11	27.54	4.43	-
AV	2.491G	47.29	54.00	-6.71	32.36	3	Vertical	276	1.09	-	14.93	27.85	4.51	-
PK	2.3486G	58.59	74.00	-15.41	31.62	3	Vertical	276	1.09	-	26.97	27.29	4.33	-
PK	2.4386G	106.08	Inf	-Inf	31.99	3	Vertical	276	1.09	-	74.09	27.55	4.44	-
PK	2.4842G	58.93	74.00	-15.07	32.31	3	Vertical	276	1.09	-	26.62	27.81	4.50	-

802.11g_Nss1,(6Mbps)_1TX

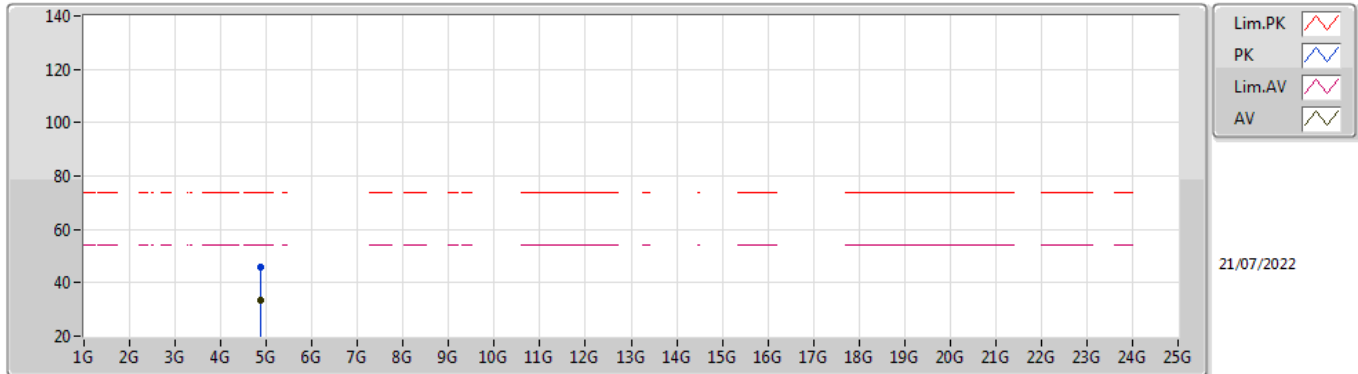
2437MHz_TX



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	2.3886G	46.55	54.00	-7.45	31.75	3	Horizontal	353	1.50	-	14.80	27.38	4.37	-
AV	2.4342G	103.14	Inf	-Inf	31.97	3	Horizontal	353	1.50	-	71.17	27.54	4.43	-
AV	2.4842G	48.01	54.00	-5.99	32.31	3	Horizontal	353	1.50	-	15.70	27.81	4.50	-
PK	2.389G	58.09	74.00	-15.91	31.75	3	Horizontal	353	1.50	-	26.34	27.38	4.37	-
PK	2.433G	111.05	Inf	-Inf	31.96	3	Horizontal	353	1.50	-	79.09	27.53	4.43	-
PK	2.4838G	59.25	74.00	-14.75	32.30	3	Horizontal	353	1.50	-	26.95	27.80	4.50	-

802.11g_Nss1,(6Mbps)_1TX

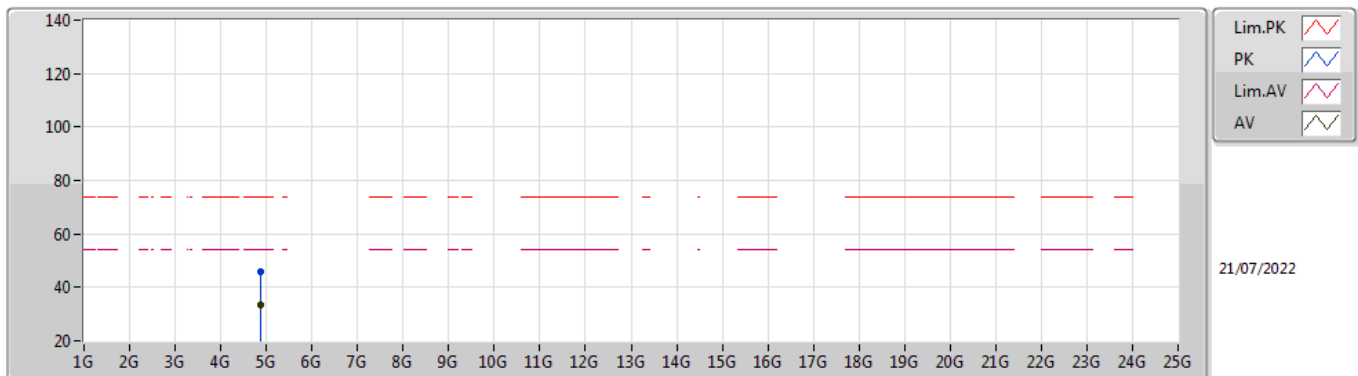
2437MHz_TX



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	4.8678G	33.33	54.00	-20.67	9.04	3	Vertical	259	1.50	-	24.29	32.74	6.30	30.00
PK	4.86652G	45.89	74.00	-28.11	9.02	3	Vertical	259	1.50	-	36.87	32.73	6.30	30.01

802.11g_Nss1,(6Mbps)_1TX

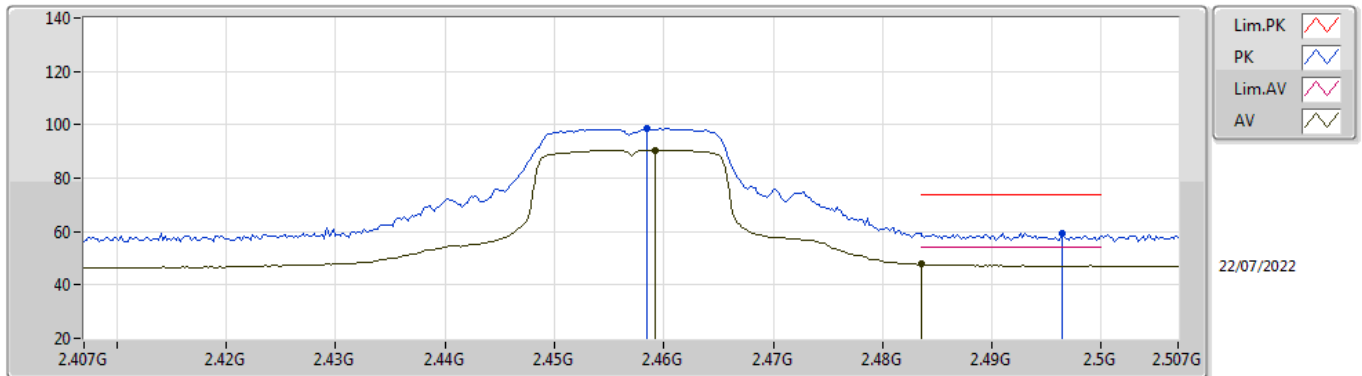
2437MHz_TX



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	4.86796G	33.45	54.00	-20.55	9.04	3	Horizontal	144	2.90	-	24.41	32.74	6.30	30.00
PK	4.8714G	45.96	74.00	-28.04	9.04	3	Horizontal	144	2.90	-	36.92	32.74	6.30	30.00

802.11g_Nss1,(6Mbps)_1TX

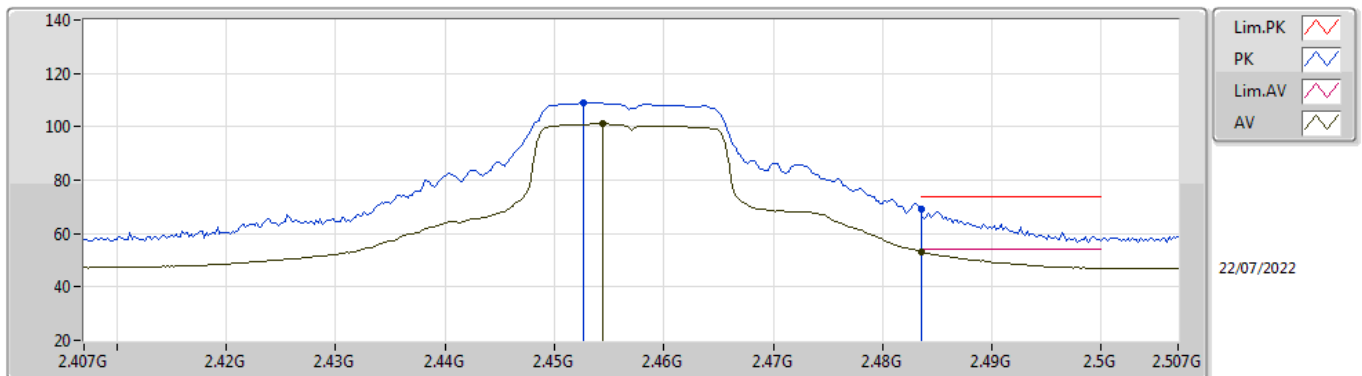
2457MHz_TX



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	2.4592G	90.51	Inf	-Inf	32.13	3	Vertical	191	1.17	-	58.38	27.66	4.47	-
AV	2.4835G	47.74	54.00	-6.26	32.30	3	Vertical	191	1.17	-	15.44	27.80	4.50	-
PK	2.4584G	98.69	Inf	-Inf	32.11	3	Vertical	191	1.17	-	66.58	27.65	4.46	-
PK	2.4964G	59.49	74.00	-14.51	32.40	3	Vertical	191	1.17	-	27.09	27.88	4.52	-

802.11g_Nss1,(6Mbps)_1TX

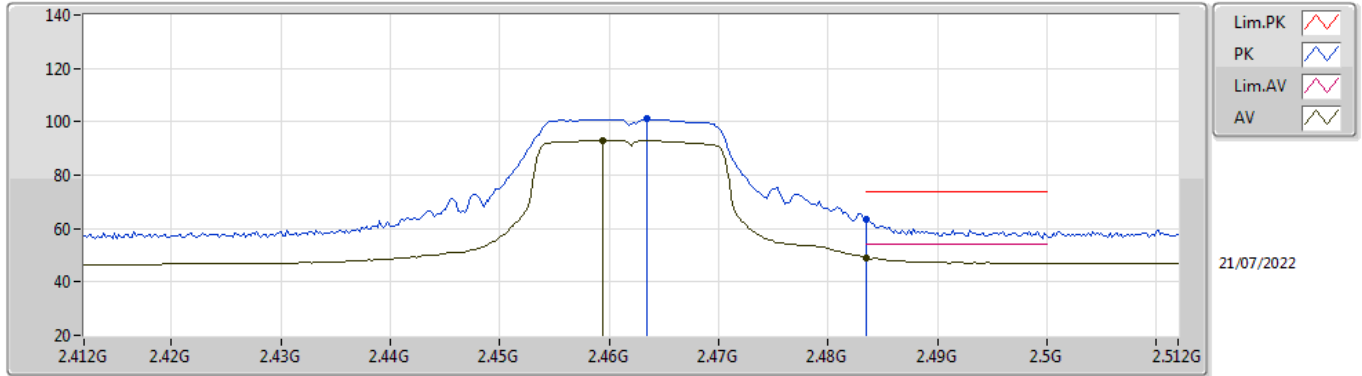
2457MHz_TX



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	2.4544G	101.03	Inf	-Inf	32.09	3	Horizontal	343	1.04	-	68.94	27.63	4.46	-
AV	2.4835G	53.25	54.00	-0.75	32.30	3	Horizontal	343	1.04	-	20.95	27.80	4.50	-
PK	2.4526G	109.09	Inf	-Inf	32.08	3	Horizontal	343	1.04	-	77.01	27.62	4.46	-
PK	2.4835G	69.26	74.00	-4.74	32.30	3	Horizontal	343	1.04	-	36.96	27.80	4.50	-

802.11g_Nss1,(6Mbps)_1TX

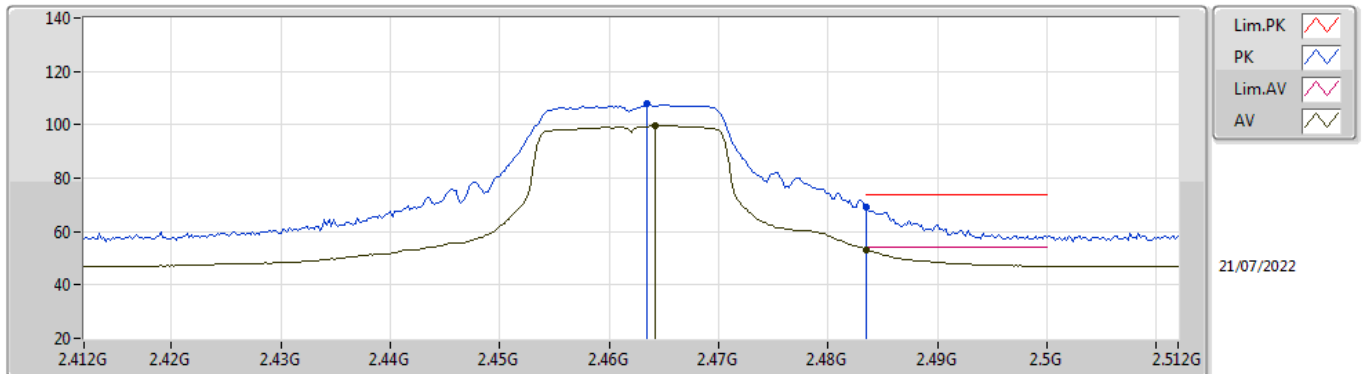
2462MHz_TX



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	2.4594G	92.97	Inf	-Inf	32.13	3	Vertical	274	1.04	-	60.84	27.66	4.47	-
AV	2.4835G	49.13	54.00	-4.87	32.30	3	Vertical	274	1.04	-	16.83	27.80	4.50	-
PK	2.4634G	101.18	Inf	-Inf	32.15	3	Vertical	274	1.04	-	69.03	27.68	4.47	-
PK	2.4835G	63.53	74.00	-10.47	32.30	3	Vertical	274	1.04	-	31.23	27.80	4.50	-

802.11g_Nss1,(6Mbps)_1TX

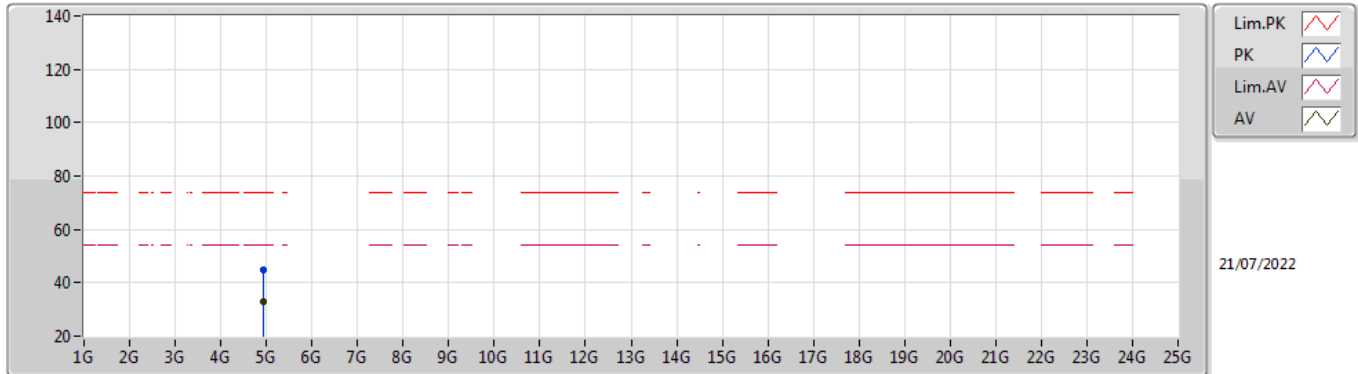
2462MHz_TX



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	2.4642G	99.47	Inf	-Inf	32.16	3	Horizontal	349	1.50	-	67.31	27.69	4.47	-
AV	2.4835G	53.27	54.00	-0.73	32.30	3	Horizontal	349	1.50	-	20.97	27.80	4.50	-
PK	2.4634G	107.72	Inf	-Inf	32.15	3	Horizontal	349	1.50	-	75.57	27.68	4.47	-
PK	2.4835G	69.37	74.00	-4.63	32.30	3	Horizontal	349	1.50	-	37.07	27.80	4.50	-

802.11g_Nss1,(6Mbps)_1TX

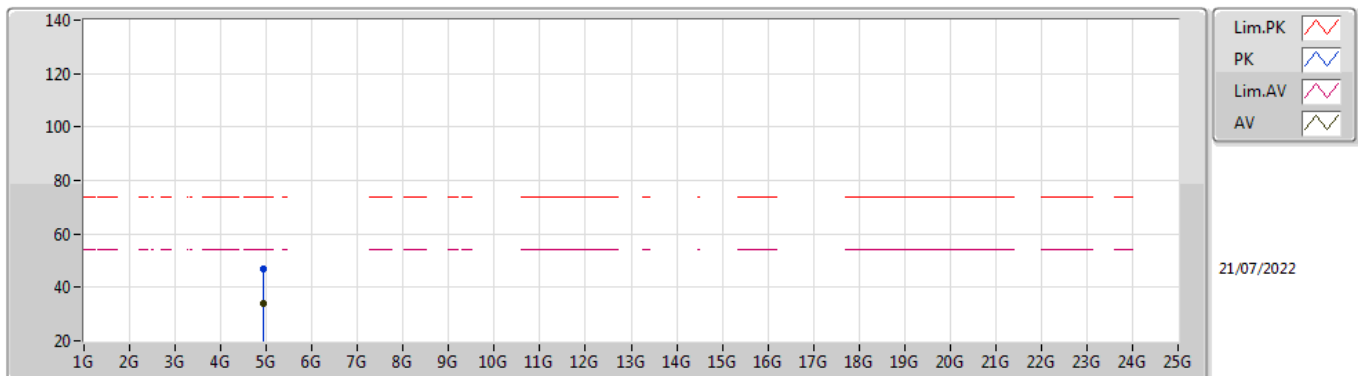
2462MHz_TX



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	4.92778G	32.68	54.00	-21.32	9.33	3	Vertical	130	1.50	-	23.35	32.97	6.34	29.98
PK	4.93786G	44.94	74.00	-29.06	9.39	3	Vertical	130	1.50	-	35.55	33.03	6.34	29.98

802.11g_Nss1,(6Mbps)_1TX

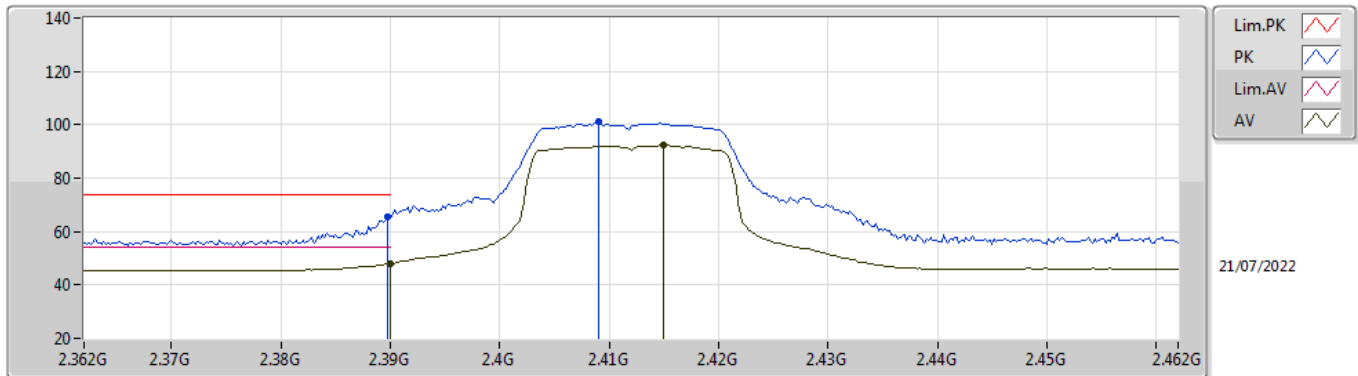
2462MHz_TX



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	4.922G	33.88	54.00	-20.12	9.27	3	Horizontal	334	1.50	-	24.61	32.93	6.33	29.99
PK	4.92676G	46.81	74.00	-27.19	9.32	3	Horizontal	334	1.50	-	37.49	32.96	6.34	29.98

802.11n HT20_Nss1,(MCS0)_1TX

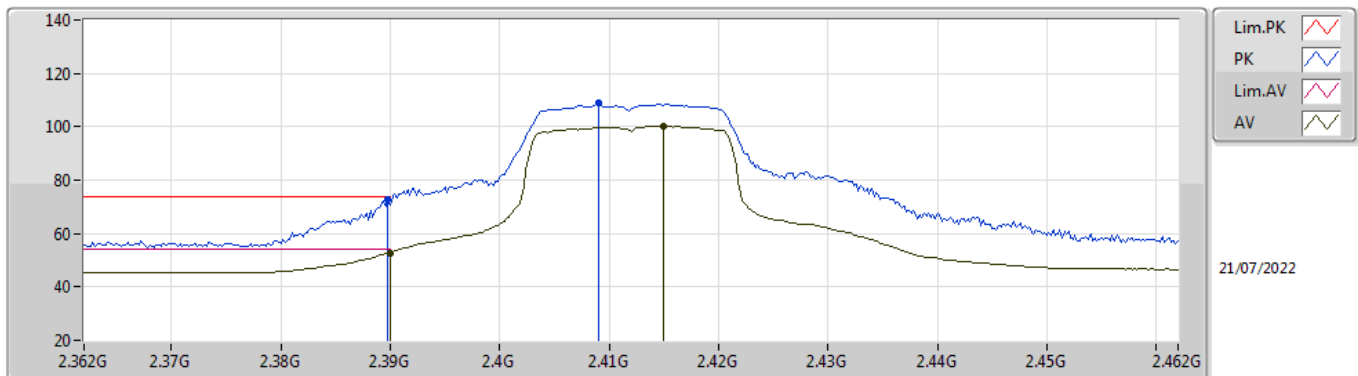
2412MHz_TX



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	2.39G	47.97	54.00	-6.03	31.75	3	Vertical	250	1.18	-	16.22	27.38	4.37	-
AV	2.415G	92.29	Inf	-Inf	31.86	3	Vertical	250	1.18	-	60.43	27.46	4.40	-
PK	2.3898G	65.62	74.00	-8.38	31.75	3	Vertical	250	1.18	-	33.87	27.38	4.37	-
PK	2.409G	101.04	Inf	-Inf	31.83	3	Vertical	250	1.18	-	69.21	27.44	4.39	-

802.11n HT20_Nss1,(MCS0)_1TX

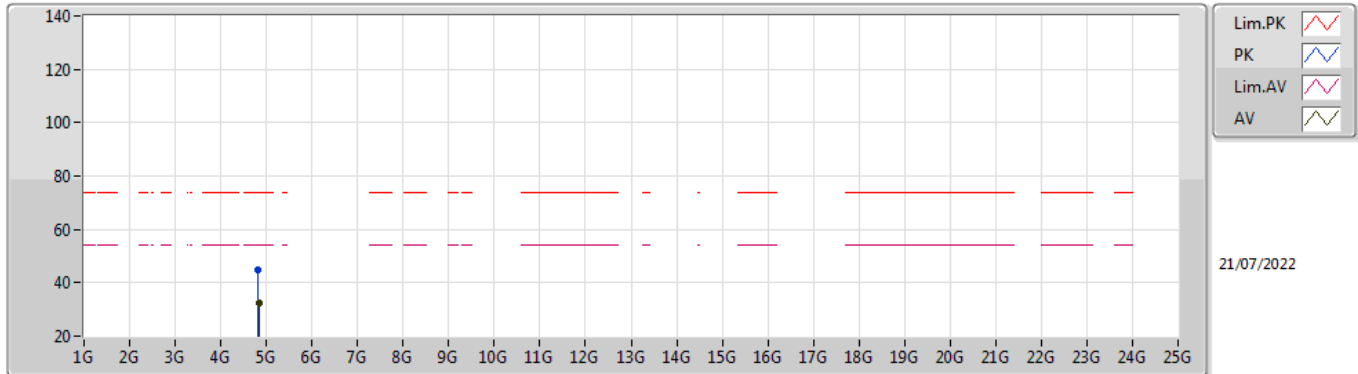
2412MHz_TX



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	2.39G	52.83	54.00	-1.17	31.75	3	Horizontal	344	1.48	-	21.08	27.38	4.37	-
AV	2.415G	100.23	Inf	-Inf	31.86	3	Horizontal	344	1.48	-	68.37	27.46	4.40	-
PK	2.3898G	72.72	74.00	-1.28	31.75	3	Horizontal	344	1.48	-	40.97	27.38	4.37	-
PK	2.409G	108.75	Inf	-Inf	31.83	3	Horizontal	344	1.48	-	76.92	27.44	4.39	-

802.11n HT20_Nss1,(MCS0)_1TX

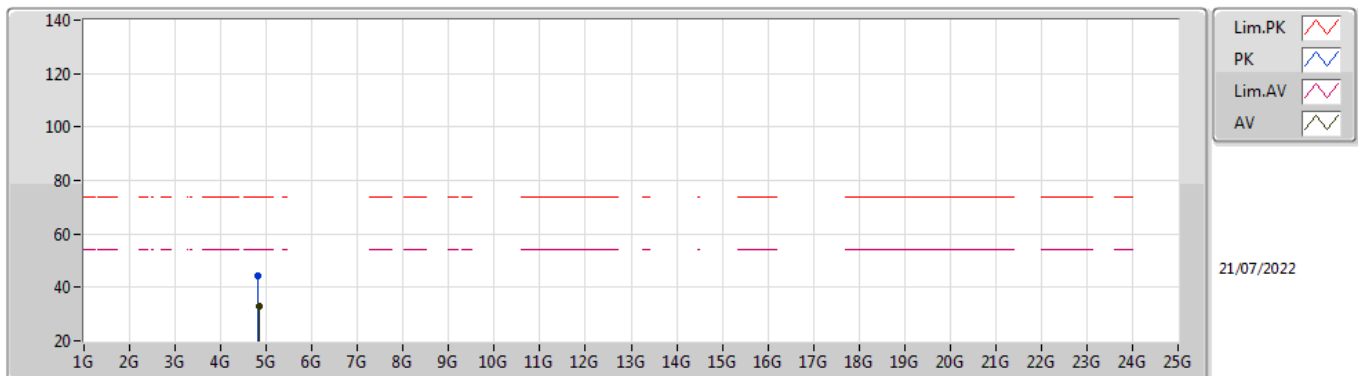
2412MHz_TX



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	4.844G	32.47	54.00	-21.53	8.96	3	Vertical	101	2.98	-	23.51	32.68	6.29	30.01
PK	4.8056G	44.64	74.00	-29.36	8.75	3	Vertical	101	2.98	-	35.89	32.52	6.26	30.03

802.11n HT20_Nss1,(MCS0)_1TX

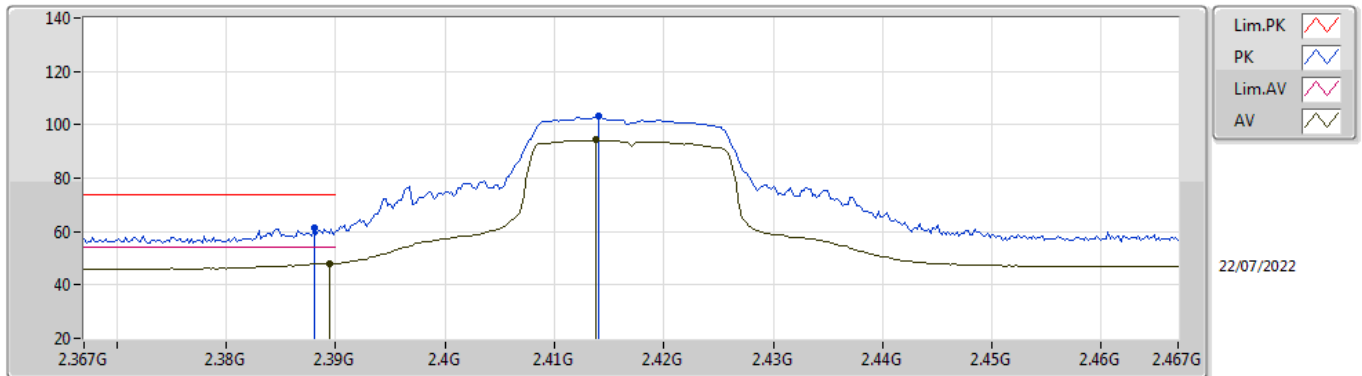
2412MHz_TX



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	4.84392G	32.82	54.00	-21.18	8.96	3	Horizontal	129	1.50	-	23.86	32.68	6.29	30.01
PK	4.80632G	44.32	74.00	-29.68	8.76	3	Horizontal	129	1.50	-	35.56	32.53	6.26	30.03

802.11n HT20_Nss1,(MCS0)_1TX

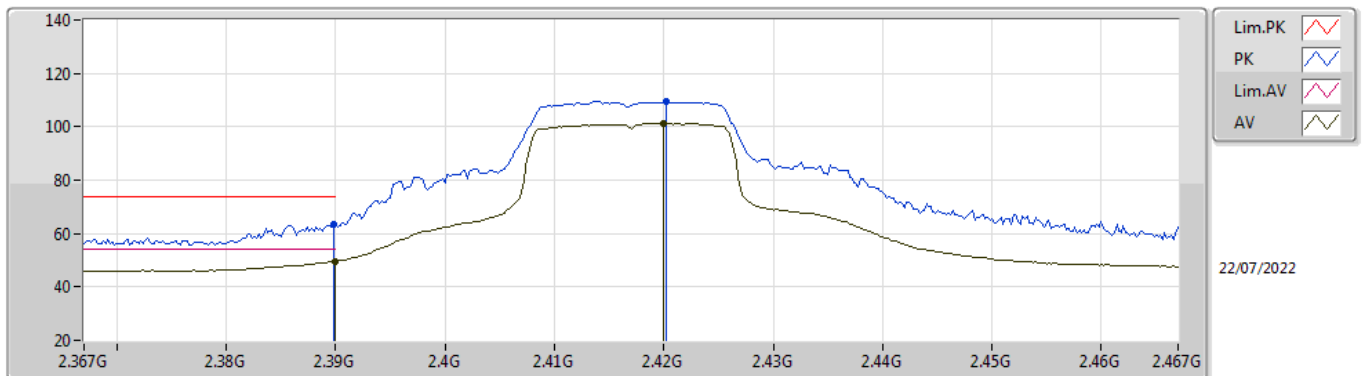
2417MHz_TX



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	2.3894G	48.16	54.00	-5.84	31.75	3	Vertical	196	1.00	-	16.41	27.38	4.37	-
AV	2.4138G	94.29	Inf	-Inf	31.86	3	Vertical	196	1.00	-	62.43	27.46	4.40	-
PK	2.388G	61.52	74.00	-12.48	31.75	3	Vertical	196	1.00	-	29.77	27.38	4.37	-
PK	2.414G	103.45	Inf	-Inf	31.86	3	Vertical	196	1.00	-	71.59	27.46	4.40	-

802.11n HT20_Nss1,(MCS0)_1TX

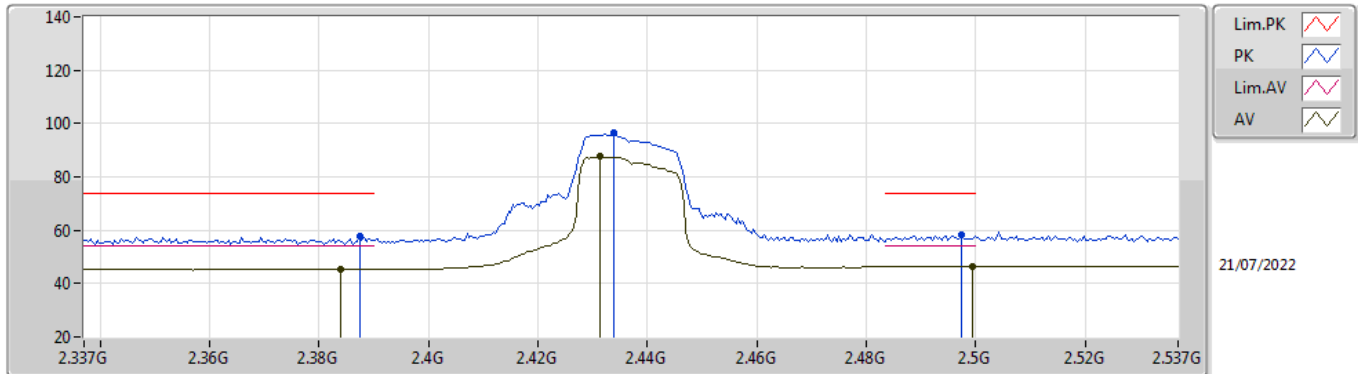
2417MHz_TX



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	2.39G	49.71	54.00	-4.29	31.75	3	Horizontal	344	1.26	-	17.96	27.38	4.37	-
AV	2.42G	101.30	Inf	-Inf	31.89	3	Horizontal	344	1.26	-	69.41	27.48	4.41	-
PK	2.3898G	63.33	74.00	-10.67	31.75	3	Horizontal	344	1.26	-	31.58	27.38	4.37	-
PK	2.4202G	109.61	Inf	-Inf	31.89	3	Horizontal	344	1.26	-	77.72	27.48	4.41	-

802.11n HT20_Nss1,(MCS0)_1TX

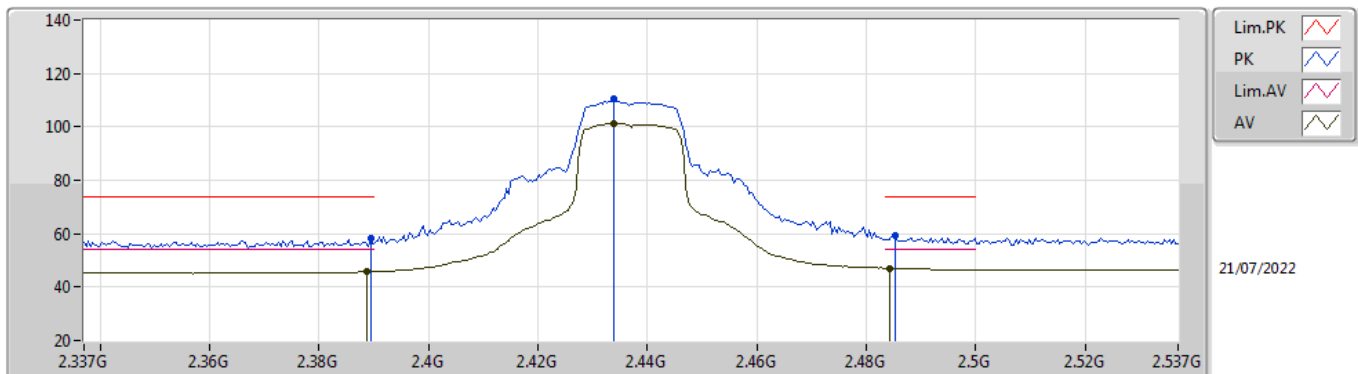
2437MHz_TX



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	2.3838G	45.42	54.00	-8.58	31.73	3	Vertical	185	1.22	-	13.69	27.37	4.36	-
AV	2.4314G	87.57	Inf	-Inf	31.96	3	Vertical	185	1.22	-	55.61	27.53	4.43	-
AV	2.4994G	46.23	54.00	-7.77	32.42	3	Vertical	185	1.22	-	13.81	27.90	4.52	-
PK	2.3874G	57.58	74.00	-16.42	31.74	3	Vertical	185	1.22	-	25.84	27.37	4.37	-
PK	2.4338G	96.46	Inf	-Inf	31.97	3	Vertical	185	1.22	-	64.49	27.54	4.43	-
PK	2.4974G	58.49	74.00	-15.51	32.40	3	Vertical	185	1.22	-	26.09	27.88	4.52	-

802.11n HT20_Nss1,(MCS0)_1TX

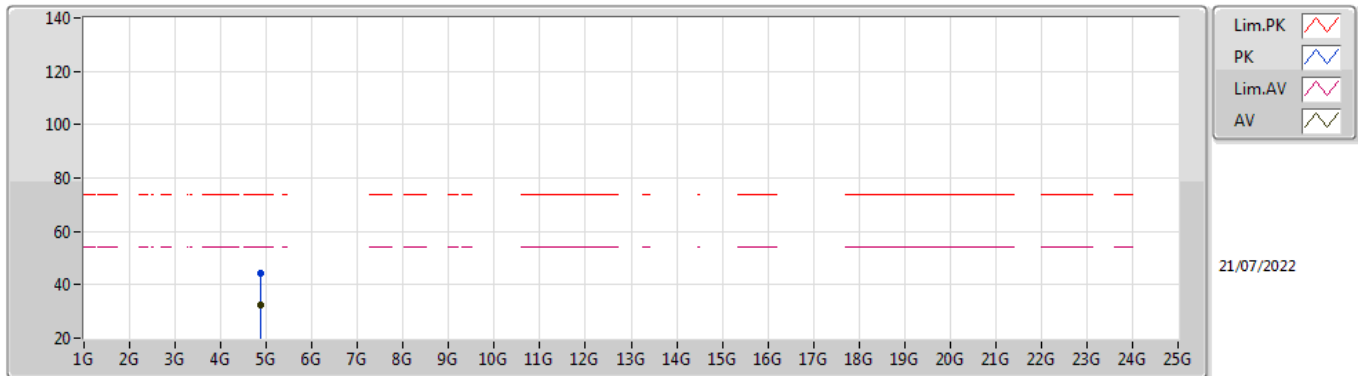
2437MHz_TX



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	2.3886G	45.73	54.00	-8.27	31.75	3	Horizontal	351	1.92	-	13.98	27.38	4.37	-
AV	2.4338G	101.42	Inf	-Inf	31.97	3	Horizontal	351	1.92	-	69.45	27.54	4.43	-
AV	2.4842G	46.95	54.00	-7.05	32.31	3	Horizontal	351	1.92	-	14.64	27.81	4.50	-
PK	2.3894G	58.23	74.00	-15.77	31.75	3	Horizontal	351	1.92	-	26.48	27.38	4.37	-
PK	2.4338G	110.49	Inf	-Inf	31.97	3	Horizontal	351	1.92	-	78.52	27.54	4.43	-
PK	2.4854G	59.13	74.00	-14.87	32.31	3	Horizontal	351	1.92	-	26.82	27.81	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

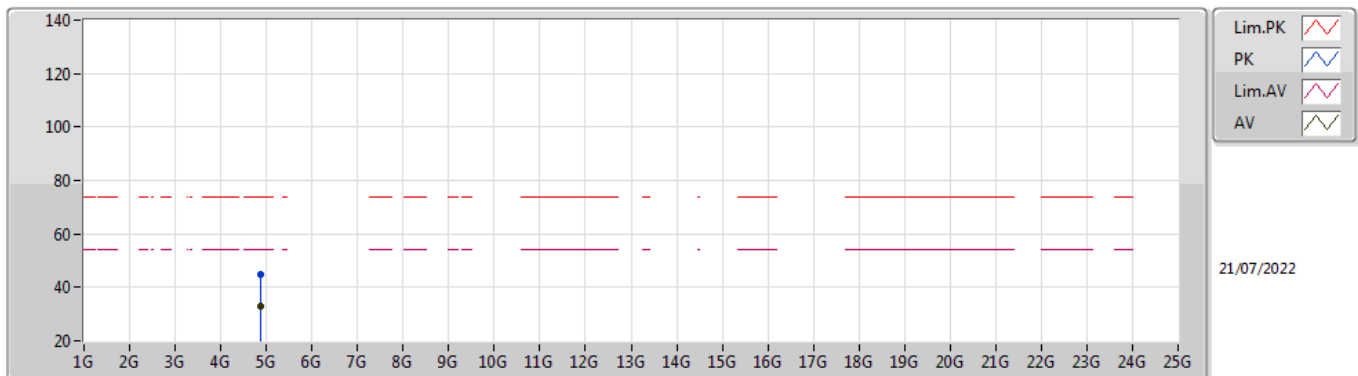
2437MHz_TX



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	4.8872G	32.16	54.00	-21.84	9.08	3	Vertical	196	1.50	-	23.08	32.77	6.31	30.00
PK	4.87624G	44.30	74.00	-29.70	9.06	3	Vertical	196	1.50	-	35.24	32.75	6.31	30.00

802.11n HT20_Nss1,(MCS0)_1TX

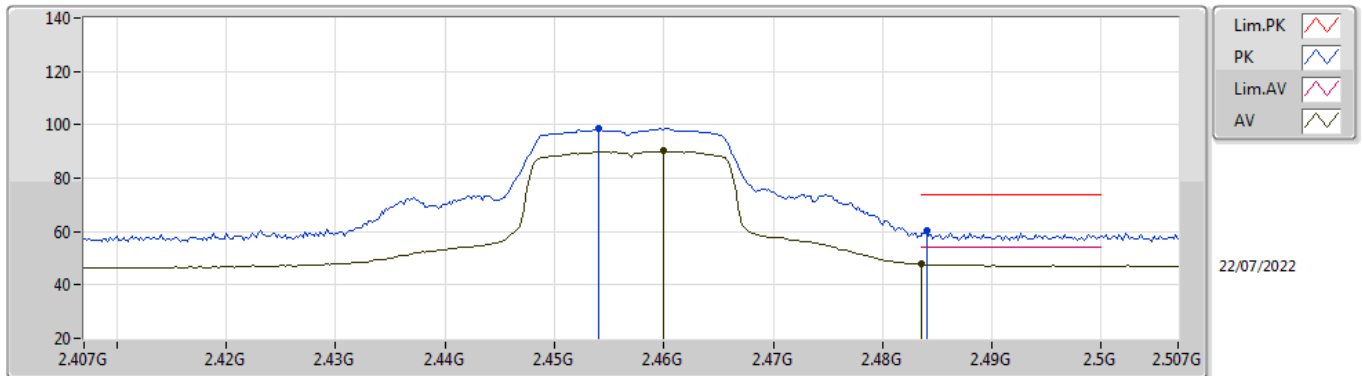
2437MHz_TX



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	4.87384G	33.02	54.00	-20.98	9.05	3	Horizontal	134	2.29	-	23.97	32.75	6.30	30.00
PK	4.86664G	44.72	74.00	-29.28	9.02	3	Horizontal	134	2.29	-	35.70	32.73	6.30	30.01

802.11n HT20_Nss1,(MCS0)_1TX

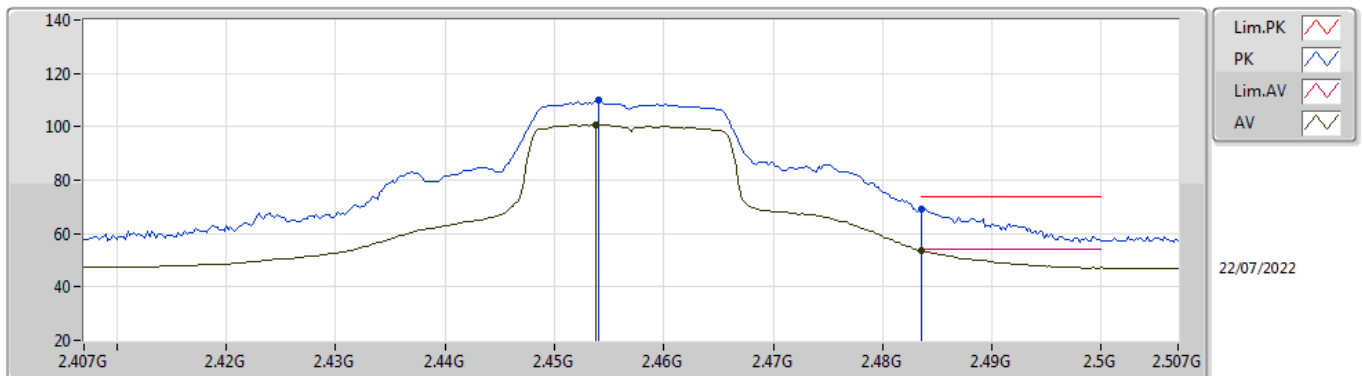
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.46G	90.13	Inf	-Inf	32.13	3	Vertical	191	1.16	-	58.00	27.66	4.47	-
AV	2.4835G	47.74	54.00	-6.26	32.30	3	Vertical	191	1.16	-	15.44	27.80	4.50	-
PK	2.454G	98.87	Inf	-Inf	32.08	3	Vertical	191	1.16	-	66.79	27.62	4.46	-
PK	2.484G	60.28	74.00	-13.72	32.30	3	Vertical	191	1.16	-	27.98	27.80	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

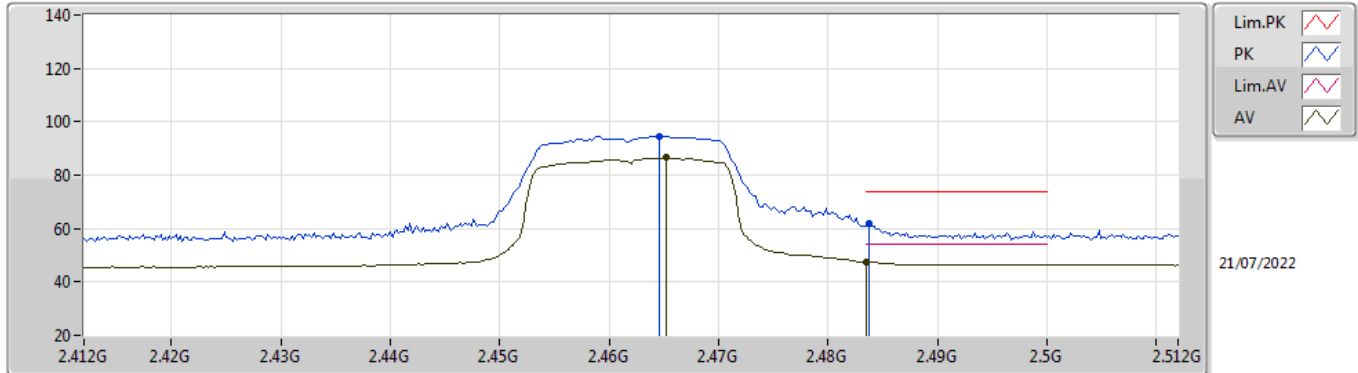
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4538G	100.73	Inf	-Inf	32.08	3	Horizontal	344	1.03	-	68.65	27.62	4.46	-
AV	2.4835G	53.63	54.00	-0.37	32.30	3	Horizontal	344	1.03	-	21.33	27.80	4.50	-
PK	2.454G	109.99	Inf	-Inf	32.08	3	Horizontal	344	1.03	-	77.91	27.62	4.46	-
PK	2.4835G	69.08	74.00	-4.92	32.30	3	Horizontal	344	1.03	-	36.78	27.80	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

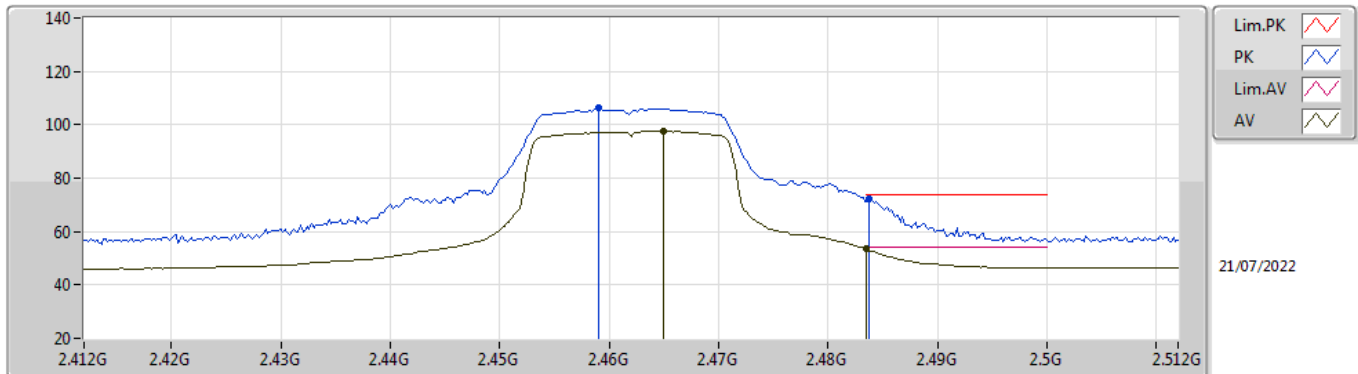
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4652G	86.47	Inf	-Inf	32.16	3	Vertical	172	2.14	-	54.31	27.69	4.47	-
AV	2.4835G	47.42	54.00	-6.58	32.30	3	Vertical	172	2.14	-	15.12	27.80	4.50	-
PK	2.4646G	94.69	Inf	-Inf	32.16	3	Vertical	172	2.14	-	62.53	27.69	4.47	-
PK	2.4838G	61.78	74.00	-12.22	32.30	3	Vertical	172	2.14	-	29.48	27.80	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

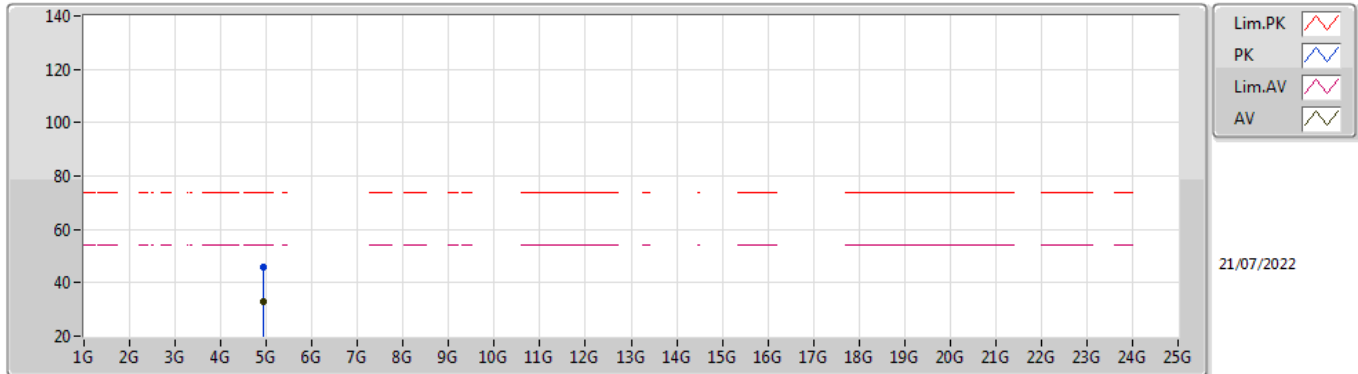
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.465G	97.81	Inf	-Inf	32.16	3	Horizontal	195	1.39	-	65.65	27.69	4.47	-
AV	2.4835G	53.44	54.00	-0.56	32.30	3	Horizontal	195	1.39	-	21.14	27.80	4.50	-
PK	2.459G	106.42	Inf	-Inf	32.12	3	Horizontal	195	1.39	-	74.30	27.65	4.47	-
PK	2.4838G	72.49	74.00	-1.51	32.30	3	Horizontal	195	1.39	-	40.19	27.80	4.50	-

802.11n HT20_Nss1,(MCS0)_1TX

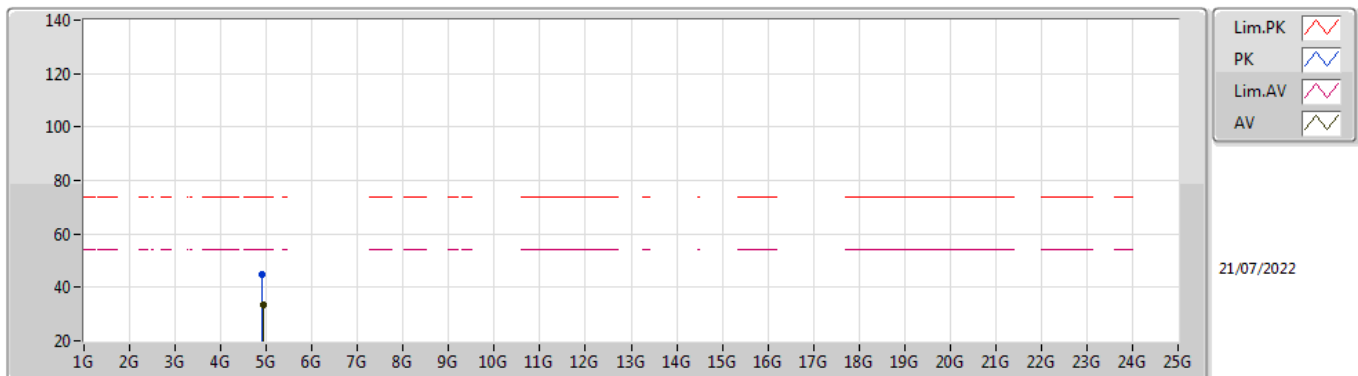
2462MHz_TX



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	4.94224G	32.83	54.00	-21.17	9.42	3	Vertical	205	1.50	-	23.41	33.05	6.35	29.98
PK	4.92856G	45.61	74.00	-28.39	9.33	3	Vertical	205	1.50	-	36.28	32.97	6.34	29.98

802.11n HT20_Nss1,(MCS0)_1TX

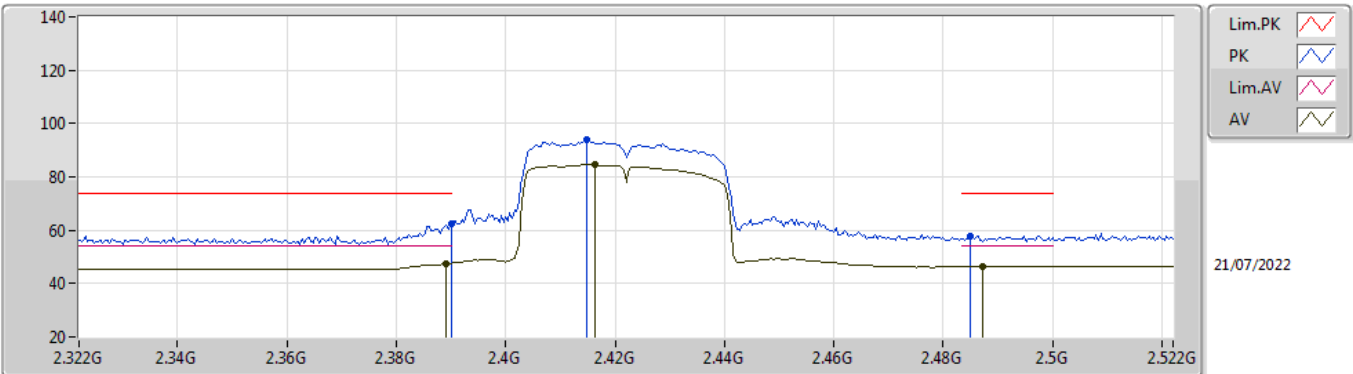
2462MHz_TX



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	4.924G	33.34	54.00	-20.66	9.28	3	Horizontal	135	2.32	-	24.06	32.94	6.33	29.99
PK	4.91624G	44.70	74.00	-29.30	9.24	3	Horizontal	135	2.32	-	35.46	32.90	6.33	29.99

802.11n HT40_Nss1,(MCS0)_1TX

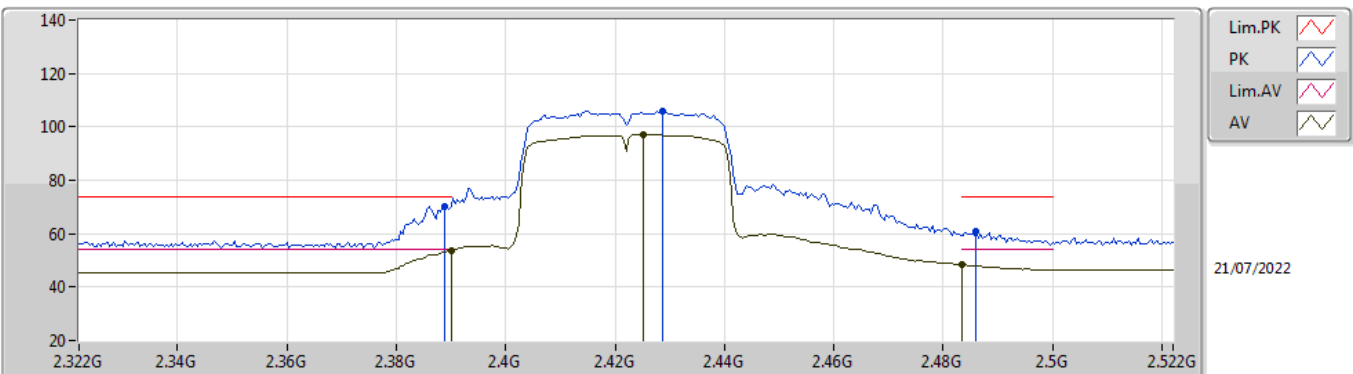
2422MHz_TX



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	47.57	54.00	-6.43	31.75	3	Vertical	193	1.00	-	15.82	27.38	4.37	-
AV	2.4164G	84.54	Inf	-Inf	31.87	3	Vertical	193	1.00	-	52.67	27.47	4.40	-
AV	2.4872G	46.45	54.00	-7.55	32.33	3	Vertical	193	1.00	-	14.12	27.82	4.51	-
PK	2.39G	62.30	74.00	-11.70	31.75	3	Vertical	193	1.00	-	30.55	27.38	4.37	-
PK	2.4148G	94.01	Inf	-Inf	31.86	3	Vertical	193	1.00	-	62.15	27.46	4.40	-
PK	2.4848G	57.90	74.00	-16.10	32.31	3	Vertical	193	1.00	-	25.59	27.81	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

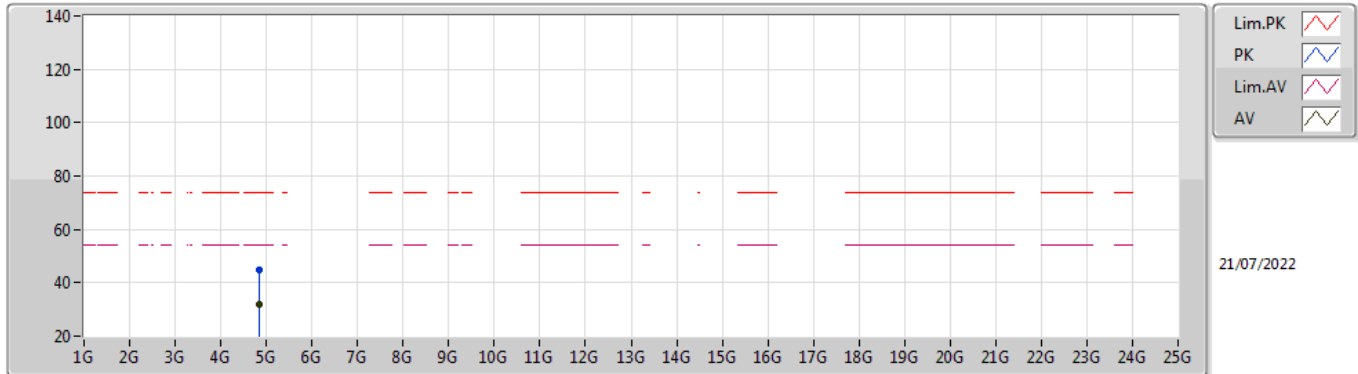
2422MHz_TX



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	2.39G	53.69	54.00	-0.31	31.75	3	Horizontal	349	1.48	-	21.94	27.38	4.37	-
AV	2.4252G	97.14	Inf	-Inf	31.92	3	Horizontal	349	1.48	-	65.22	27.50	4.42	-
AV	2.4835G	48.31	54.00	-5.69	32.30	3	Horizontal	349	1.48	-	16.01	27.80	4.50	-
PK	2.3888G	70.34	74.00	-3.66	31.75	3	Horizontal	349	1.48	-	38.59	27.38	4.37	-
PK	2.4288G	106.12	Inf	-Inf	31.94	3	Horizontal	349	1.48	-	74.18	27.52	4.42	-
PK	2.486G	61.09	74.00	-12.91	32.32	3	Horizontal	349	1.48	-	28.77	27.82	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

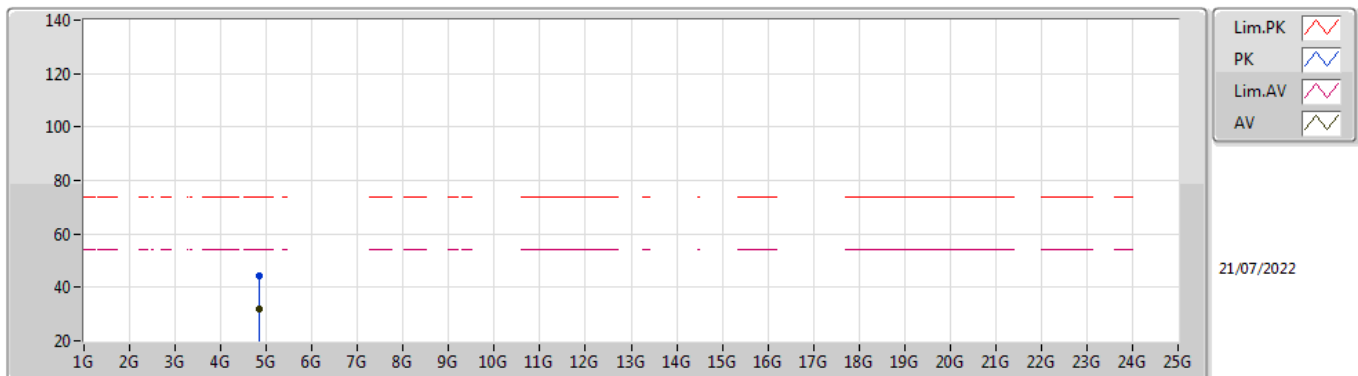
2422MHz_TX



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	4.84832G	32.13	54.00	-21.87	8.97	3	Vertical	296	1.50	-	23.16	32.69	6.29	30.01
PK	4.84816G	44.87	74.00	-29.13	8.97	3	Vertical	296	1.50	-	35.90	32.69	6.29	30.01

802.11n HT40_Nss1,(MCS0)_1TX

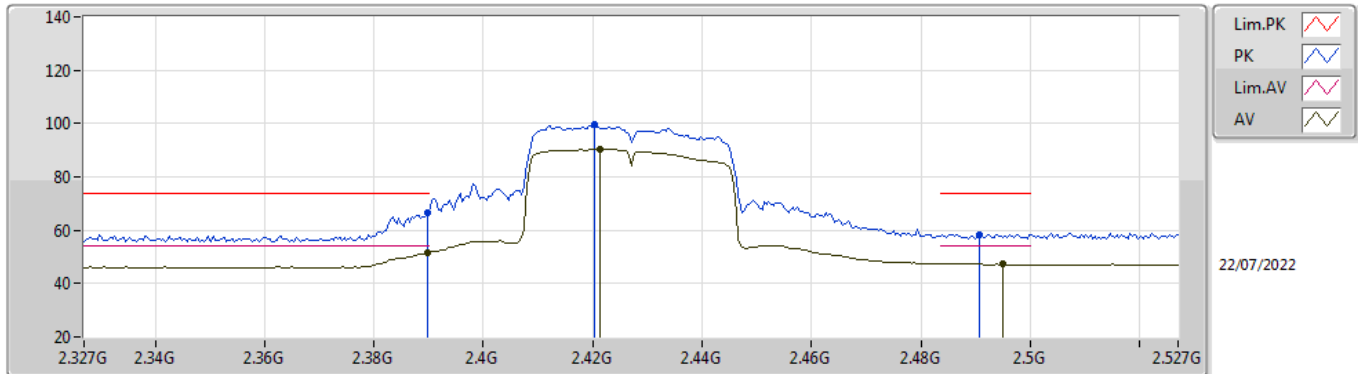
2422MHz_TX



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	4.84936G	32.02	54.00	-21.98	8.98	3	Horizontal	350	1.50	-	23.04	32.70	6.29	30.01
PK	4.8468G	44.37	74.00	-29.63	8.97	3	Horizontal	350	1.50	-	35.40	32.69	6.29	30.01

802.11n HT40_Nss1,(MCS0)_1TX

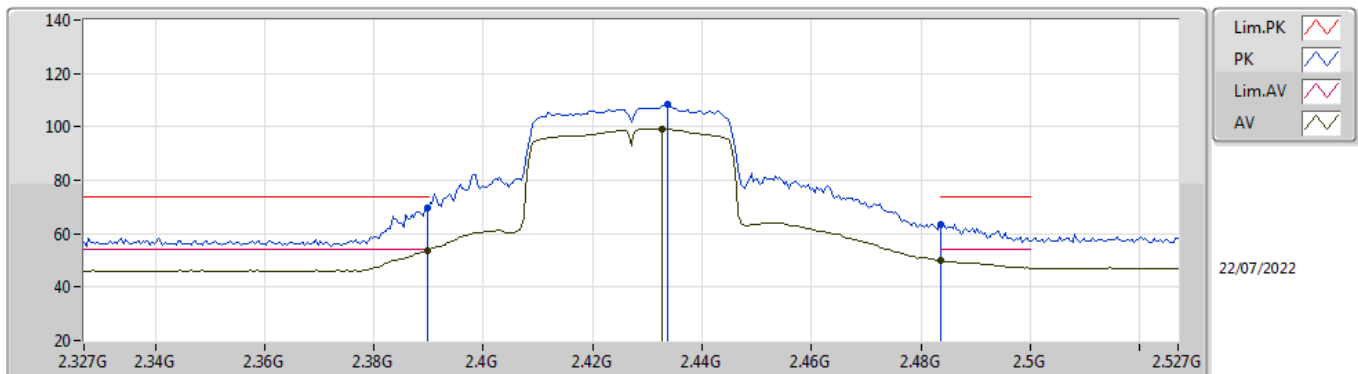
2427MHz_TX



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	51.32	54.00	-2.68	31.75	3	Vertical	190	1.00	-	19.57	27.38	4.37	-
AV	2.4214G	90.24	Inf	-Inf	31.90	3	Vertical	190	1.00	-	58.34	27.49	4.41	-
AV	2.495G	47.29	54.00	-6.71	32.39	3	Vertical	190	1.00	-	14.90	27.87	4.52	-
PK	2.3898G	66.39	74.00	-7.61	31.75	3	Vertical	190	1.00	-	34.64	27.38	4.37	-
PK	2.4202G	99.60	Inf	-Inf	31.89	3	Vertical	190	1.00	-	67.71	27.48	4.41	-
PK	2.4906G	58.51	74.00	-15.49	32.35	3	Vertical	190	1.00	-	26.16	27.84	4.51	-

802.11n HT40_Nss1,(MCS0)_1TX

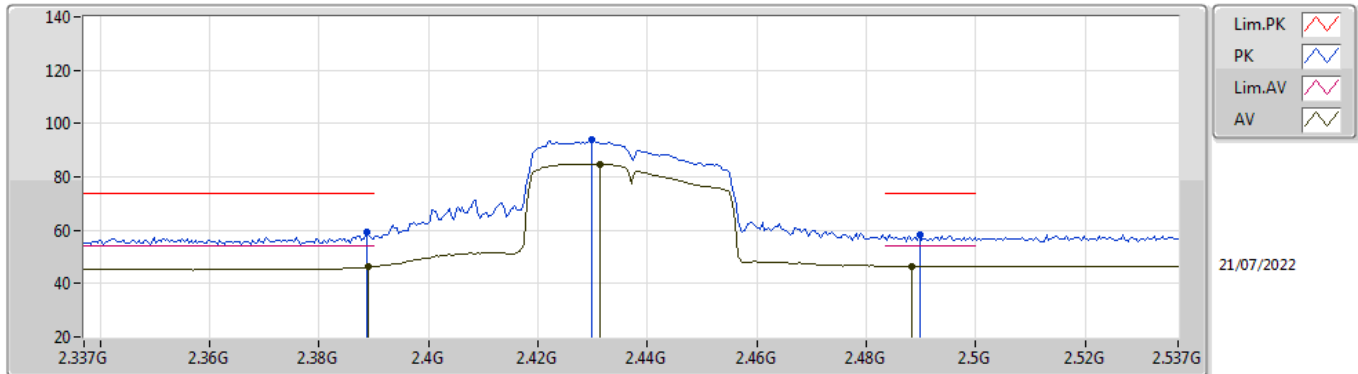
2427MHz_TX



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	53.52	54.00	-0.48	31.75	3	Horizontal	343	1.55	-	21.77	27.38	4.37	-
AV	2.4326G	99.05	Inf	-Inf	31.96	3	Horizontal	343	1.55	-	67.09	27.53	4.43	-
AV	2.4835G	49.92	54.00	-4.08	32.30	3	Horizontal	343	1.55	-	17.62	27.80	4.50	-
PK	2.3898G	69.44	74.00	-4.56	31.75	3	Horizontal	343	1.55	-	37.69	27.38	4.37	-
PK	2.4338G	108.35	Inf	-Inf	31.97	3	Horizontal	343	1.55	-	76.38	27.54	4.43	-
PK	2.4835G	63.59	74.00	-10.41	32.30	3	Horizontal	343	1.55	-	31.29	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

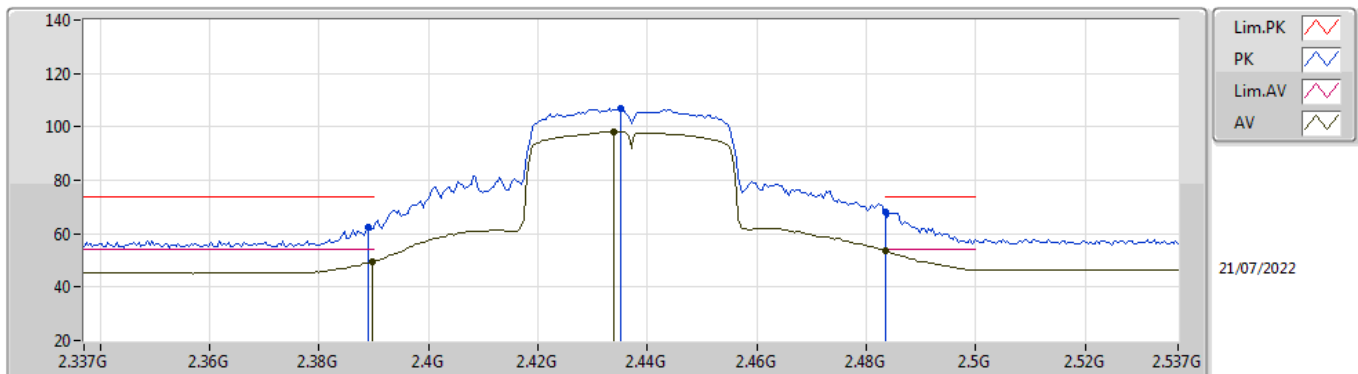
2437MHz_TX



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	2.389G	46.23	54.00	-7.77	31.75	3	Vertical	183	1.00	-	14.48	27.38	4.37	-
AV	2.4314G	84.74	Inf	-Inf	31.96	3	Vertical	183	1.00	-	52.78	27.53	4.43	-
AV	2.4882G	46.46	54.00	-7.54	32.34	3	Vertical	183	1.00	-	14.12	27.83	4.51	-
PK	2.3886G	59.46	74.00	-14.54	31.75	3	Vertical	183	1.00	-	27.71	27.38	4.37	-
PK	2.4298G	93.73	Inf	-Inf	31.94	3	Vertical	183	1.00	-	61.79	27.52	4.42	-
PK	2.4898G	58.20	74.00	-15.80	32.35	3	Vertical	183	1.00	-	25.85	27.84	4.51	-

802.11n HT40_Nss1,(MCS0)_1TX

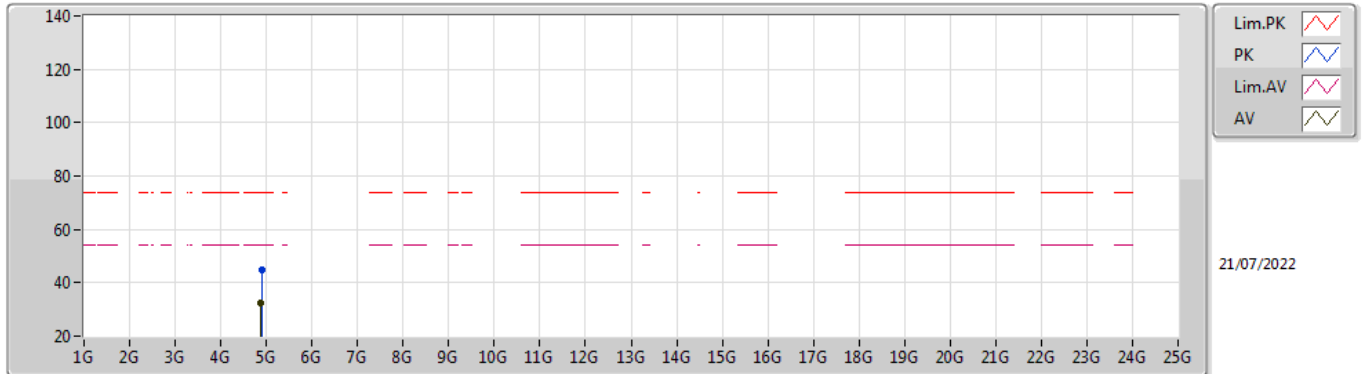
2437MHz_TX



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	49.59	54.00	-4.41	31.75	3	Horizontal	350	1.90	-	17.84	27.38	4.37	-
AV	2.4338G	98.23	Inf	-Inf	31.97	3	Horizontal	350	1.90	-	66.26	27.54	4.43	-
AV	2.4835G	53.67	54.00	-0.33	32.30	3	Horizontal	350	1.90	-	21.37	27.80	4.50	-
PK	2.389G	62.45	74.00	-11.55	31.75	3	Horizontal	350	1.90	-	30.70	27.38	4.37	-
PK	2.435G	106.66	Inf	-Inf	31.97	3	Horizontal	350	1.90	-	74.69	27.54	4.43	-
PK	2.4835G	68.08	74.00	-5.92	32.30	3	Horizontal	350	1.90	-	35.78	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

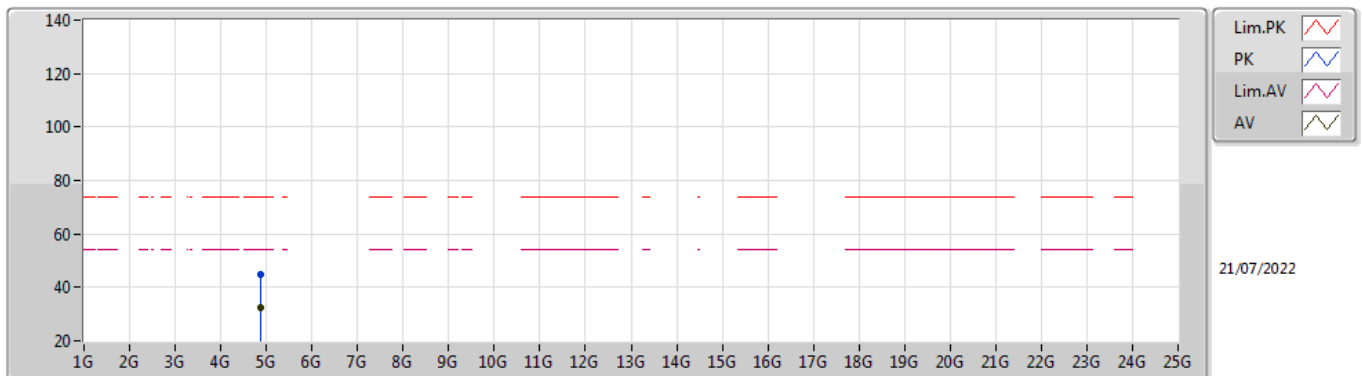
2437MHz_TX



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	4.86928G	32.39	54.00	-21.61	9.04	3	Vertical	257	1.43	-	23.35	32.74	6.30	30.00
PK	4.894G	44.78	74.00	-29.22	9.11	3	Vertical	257	1.43	-	35.67	32.79	6.32	30.00

802.11n HT40_Nss1,(MCS0)_1TX

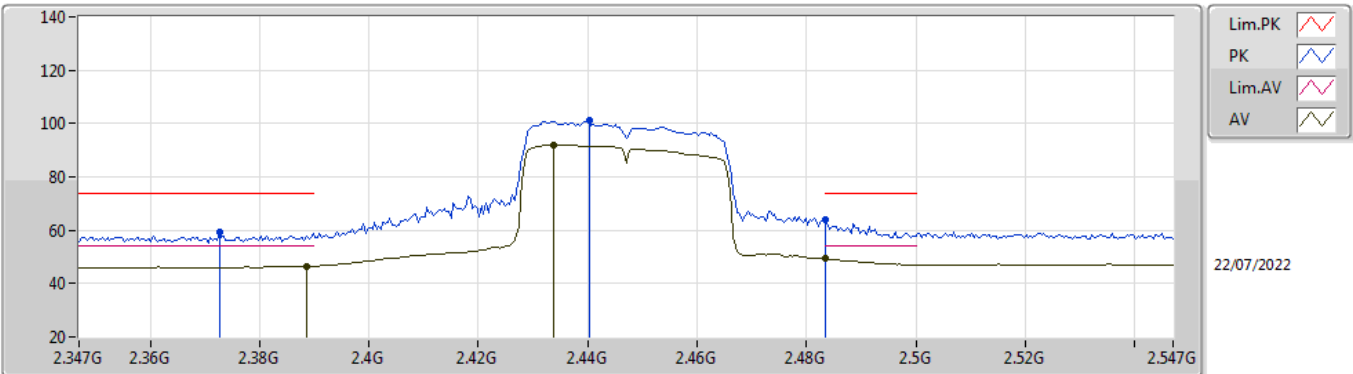
2437MHz_TX



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	4.88768G	32.30	54.00	-21.70	9.09	3	Horizontal	360	2.61	-	23.21	32.78	6.31	30.00
PK	4.88696G	44.72	74.00	-29.28	9.08	3	Horizontal	360	2.61	-	35.64	32.77	6.31	30.00

802.11n HT40_Nss1,(MCS0)_1TX

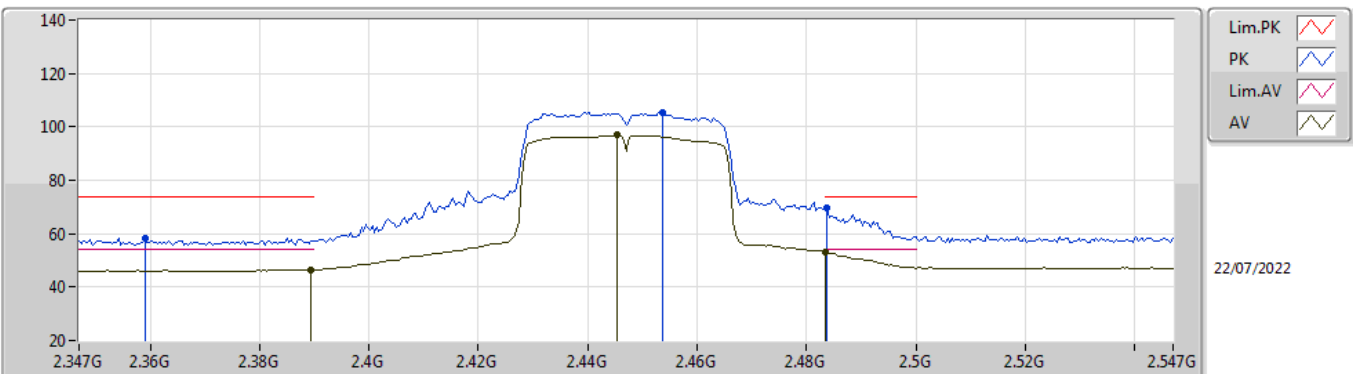
2447MHz_TX



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	2.3886G	46.53	54.00	-7.47	31.75	3	Vertical	273	2.86	-	14.78	27.38	4.37	-
AV	2.4338G	92.10	Inf	-Inf	31.97	3	Vertical	273	2.86	-	60.13	27.54	4.43	-
AV	2.4835G	49.32	54.00	-4.68	32.30	3	Vertical	273	2.86	-	17.02	27.80	4.50	-
PK	2.3726G	59.48	74.00	-14.52	31.70	3	Vertical	273	2.86	-	27.78	27.35	4.35	-
PK	2.4402G	100.96	Inf	-Inf	32.00	3	Vertical	273	2.86	-	68.96	27.56	4.44	-
PK	2.4835G	63.86	74.00	-10.14	32.30	3	Vertical	273	2.86	-	31.56	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

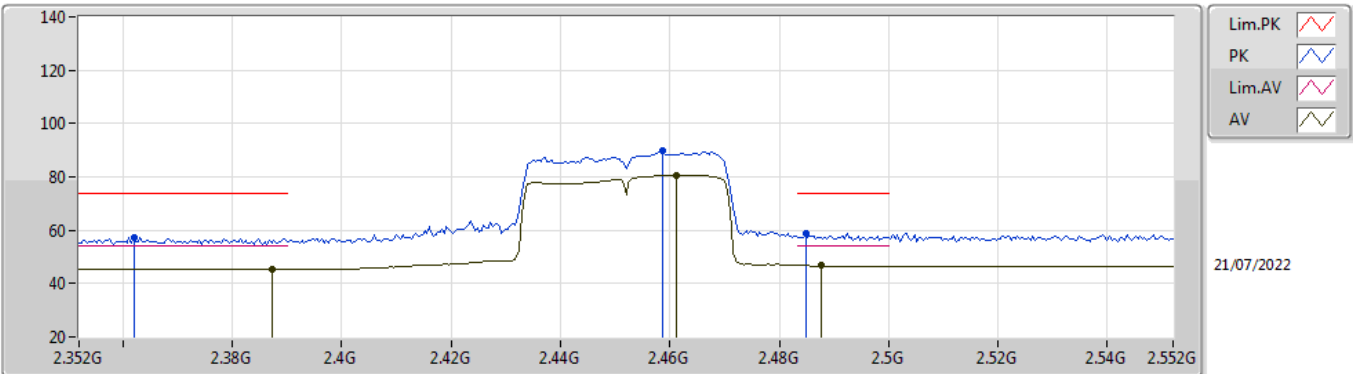
2447MHz_TX



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	46.53	54.00	-7.47	31.75	3	Horizontal	343	1.49	-	14.78	27.38	4.37	-
AV	2.4454G	96.82	Inf	-Inf	32.03	3	Horizontal	343	1.49	-	64.79	27.58	4.45	-
AV	2.4835G	52.98	54.00	-1.02	32.30	3	Horizontal	343	1.49	-	20.68	27.80	4.50	-
PK	2.359G	58.36	74.00	-15.64	31.66	3	Horizontal	343	1.49	-	26.70	27.32	4.34	-
PK	2.4538G	105.52	Inf	-Inf	32.08	3	Horizontal	343	1.49	-	73.44	27.62	4.46	-
PK	2.4838G	69.59	74.00	-4.41	32.30	3	Horizontal	343	1.49	-	37.29	27.80	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

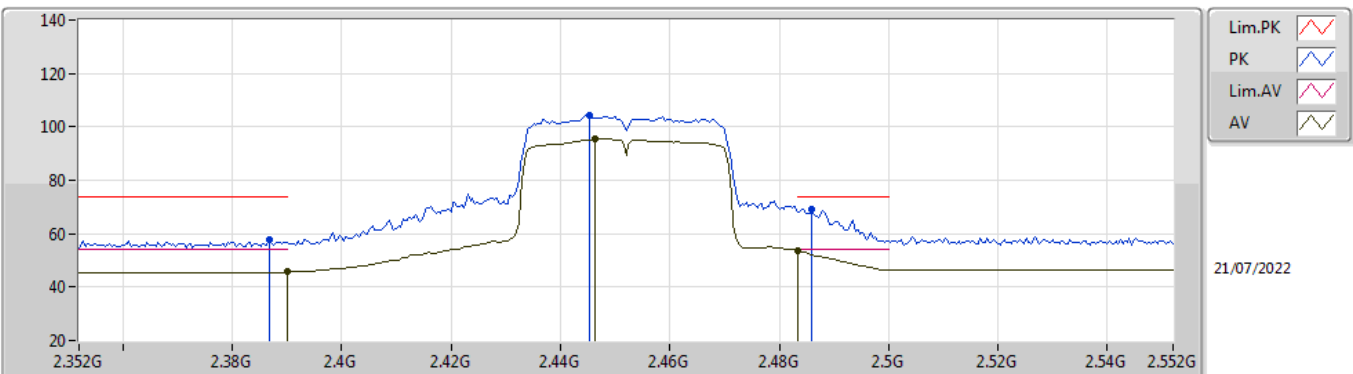
2452MHz_TX



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	2.3872G	45.45	54.00	-8.55	31.74	3	Vertical	165	2.71	-	13.71	27.37	4.37	-
AV	2.4612G	80.56	Inf	-Inf	32.14	3	Vertical	165	2.71	-	48.42	27.67	4.47	-
AV	2.4876G	46.72	54.00	-7.28	32.34	3	Vertical	165	2.71	-	14.38	27.83	4.51	-
PK	2.362G	57.29	74.00	-16.71	31.66	3	Vertical	165	2.71	-	25.63	27.32	4.34	-
PK	2.4588G	89.95	Inf	-Inf	32.12	3	Vertical	165	2.71	-	57.83	27.65	4.47	-
PK	2.4848G	58.89	74.00	-15.11	32.31	3	Vertical	165	2.71	-	26.58	27.81	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

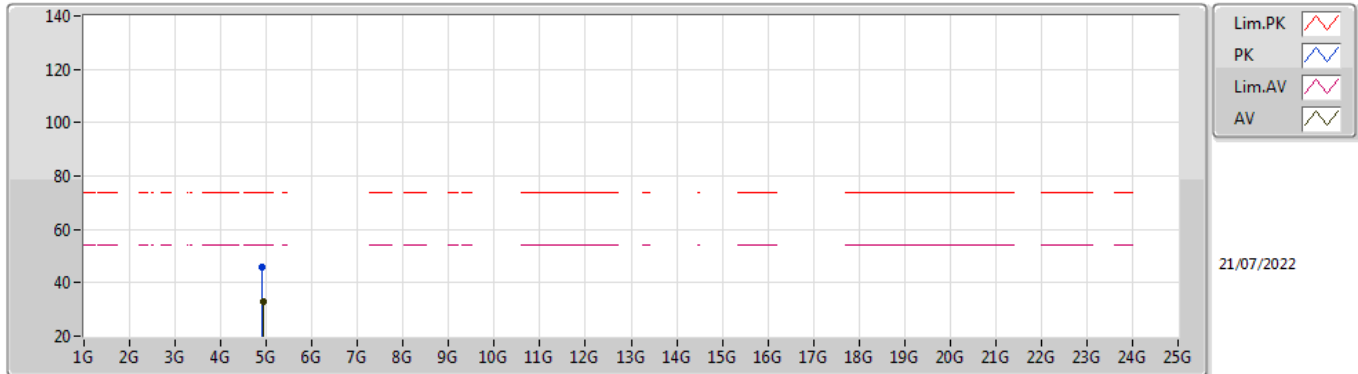
2452MHz_TX



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	45.74	54.00	-8.26	31.75	3	Horizontal	195	1.49	-	13.99	27.38	4.37	-
AV	2.4464G	95.37	Inf	-Inf	32.04	3	Horizontal	195	1.49	-	63.33	27.59	4.45	-
AV	2.4835G	53.44	54.00	-0.56	32.30	3	Horizontal	195	1.49	-	21.14	27.80	4.50	-
PK	2.3868G	57.71	74.00	-16.29	31.74	3	Horizontal	195	1.49	-	25.97	27.37	4.37	-
PK	2.4452G	104.15	Inf	-Inf	32.03	3	Horizontal	195	1.49	-	72.12	27.58	4.45	-
PK	2.486G	69.23	74.00	-4.77	32.32	3	Horizontal	195	1.49	-	36.91	27.82	4.50	-

802.11n HT40_Nss1,(MCS0)_1TX

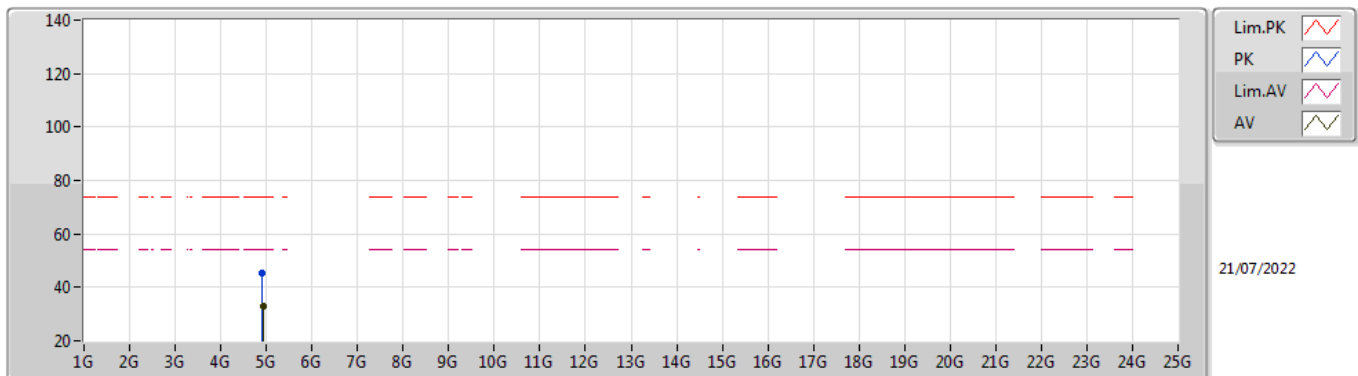
2452MHz_TX



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	4.92352G	32.71	54.00	-21.29	9.28	3	Vertical	360	2.78	-	23.43	32.94	6.33	29.99
PK	4.90584G	45.81	74.00	-28.19	9.17	3	Vertical	360	2.78	-	36.64	32.84	6.32	29.99

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	4.92248G	32.94	54.00	-21.06	9.27	3	Horizontal	234	2.51	-	23.67	32.93	6.33	29.99
PK	4.8892G	45.24	74.00	-28.76	9.09	3	Horizontal	234	2.51	-	36.15	32.78	6.31	30.00