FCC Radio Test Report

FCC ID	:	**A4Z-B0014**
Equipment	:	**DrivePro 20**
Brand Name	:	**TRANSCEND**
Model Name	:	**DrivePro 20, DP20, DrivePro 2XXXXX, DP2XXXXX (Multiple Listing: The word "X" in the Model Number could be defined as A-Z, 0-9, -, _, or blank for marketing differentiation)**
Applicant	:	**Transcend Information Inc. No.70, Xingzhong Rd., Neihu Dist., Taipei City 114, Taiwan, R.O.C.**
Manufacturer	:	**Transcend Information Inc. No.70, Xingzhong Rd., Neihu Dist., Taipei City 114, Taiwan, R.O.C.**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jul. 12, 2021, and testing was started from Jul. 29, 2021 and completed on Aug. 04, 2021. 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.

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR140144AC	01	Initial issue of report	Aug. 23, 2021

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Sam Tsai

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	cirocomm	FSAKSI10	Linear	I-Pex	0.11

Note 1: The EUT has one antenna.

For 2.4GHz function:

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

Only Ant. 1 (port 1) can be used as transmitting/receiving.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter / Host system / Battery			
EUT Function	☐	Point-to-multipoint	☒	Point-to-point
Beamforming Function	☐	With beamforming	☒	Without beamforming

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment – Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System – Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_1TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20_Nss1,(MCS0)_1TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40_Nss1,(MCS0)_1TX	1	0	n/a (DC>=0.98)	n/a (DC>=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
DrivePro 20, DP20, DrivePro 2XXXXX, DP2XXXXX (Multiple Listing: The word "X" in the Model Number could be defined as A-Z, 0-9, -, _, or blank for marketing differentiation)	All the models are identical, the difference model served as marketing strategy.

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	Billy Wang	22.5~23.1°C / 58~60%	04/Aug/2021
RF Conducted	TH06-HY	Johnny Yu	20.1~26.9°C / 50~60%	04/Aug/2021
Radiated	03CH03-HY	Tony Chang	22.7~23.8°C / 49~61%	29/Jul/2021~31/Jul/2021
☐ 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**
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Tera Term Version 4.76

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	32
2417MHz	30
2437MHz	33
2457MHz	27
2462MHz	31
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	52
2437MHz	50
2462MHz	54
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	53
2437MHz	51
2462MHz	55
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	53
2437MHz	56
2452MHz	58

2.2 The Worst Case Measurement Configuration

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

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

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

2.3 Accessories

Accessories				
USB Cable	Brand Name	WAN SHIH ELECTRONIC	Model Name	NE1USB0008A
	Power Cord	1.0 meter, shielded cable, w/o ferrite core		
SD Card	Brand Name	Transcend	Model Name	TS32GUSD300S
Bracket	Brand Name	LOONG YEE INDUSTRY CO., LTD.	Model Name	3DP20BAB1
Battery	Brand Name	SHENZHEN KAYO BATTERY	Model Name	KPL622045-2P
	Power Rating	3.7 Vdc, 1140 mAh	Type	Li-ion

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

2.4 Support Equipment

Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Adapter	HTC	TC P100US	-	-
2	Notebook	HP	5220M	-	-
3	Adapter(for NB)	HP	PPP009D	-	-
4	Test Fixture	Silicon lab	CP210X	-	Note 1

Note 1: Provided by Customer.

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Test Fixture	Silicon lab	CP210X	-	Note 1

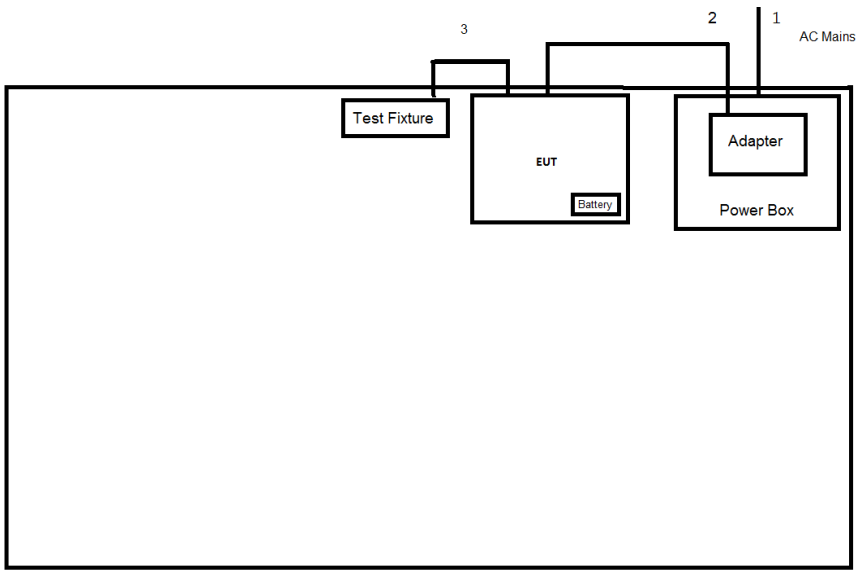
Note 1: Provided by Customer.

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Adapter	HTC	TC P100US	-	-
2	Notebook	HP	5220M	-	-
3	Adapter(for NB)	HP	PPP009D	-	-
4	Test Fixture	Silicon lab	CP210X	-	Note 1

Note 1: Provided by Customer.

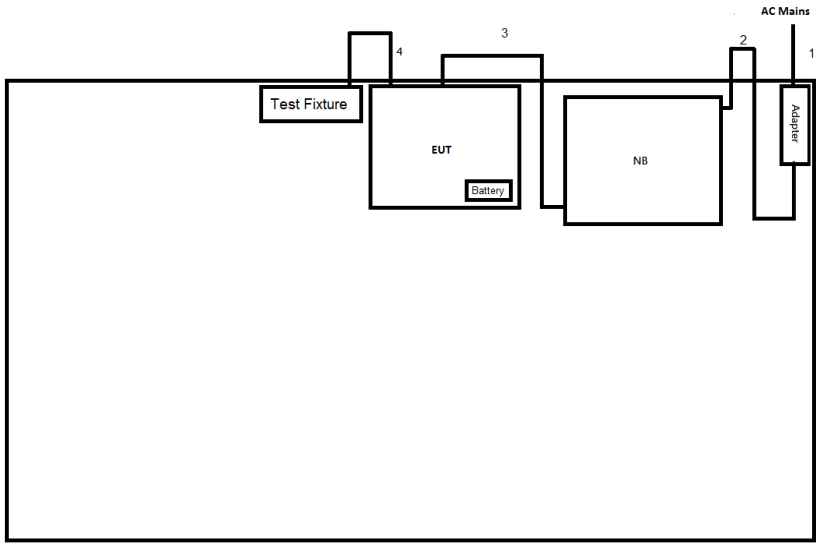
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test for Adapter mode



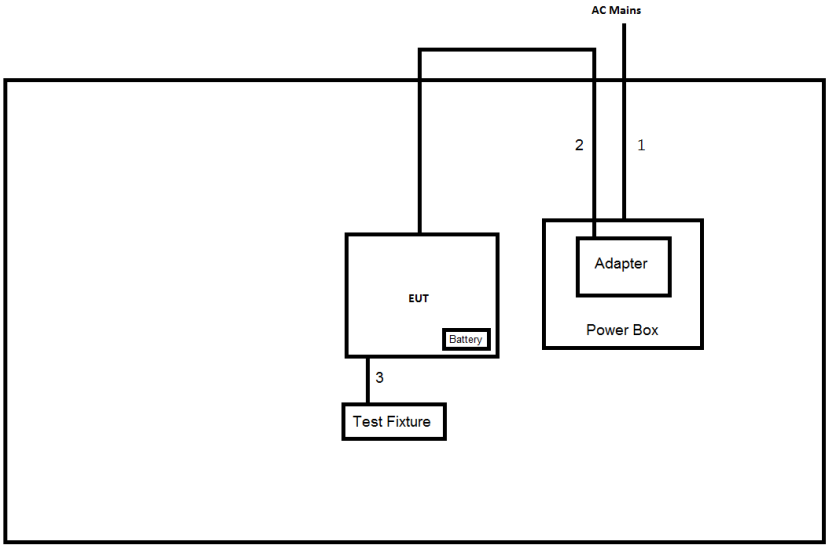
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB cable	Yes	1.0	-
3	Fixture cable	No	0.1	-

Test Setup Diagram – AC Line Conducted Emission Test for USB mode



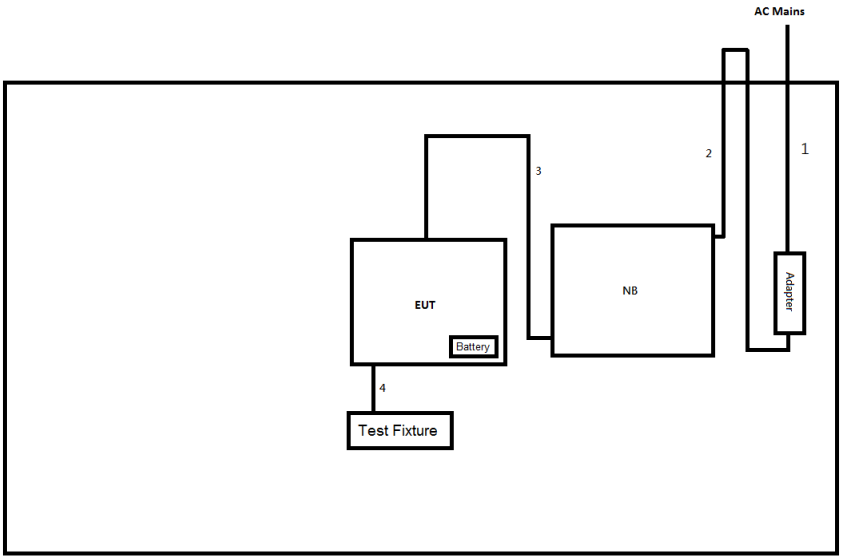
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	USB cable	Yes	1.0	-
4	Fixture cable	No	0.1	-

Test Setup Diagram - Radiated Test for Adapter mode



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB cable	Yes	1.0	-
3	Fixture cable	No	0.1	-

Test Setup Diagram - Radiated Test for USB mode



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	USB cable	Yes	1.0	-
4	Fixture cable	No	0.1	-

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

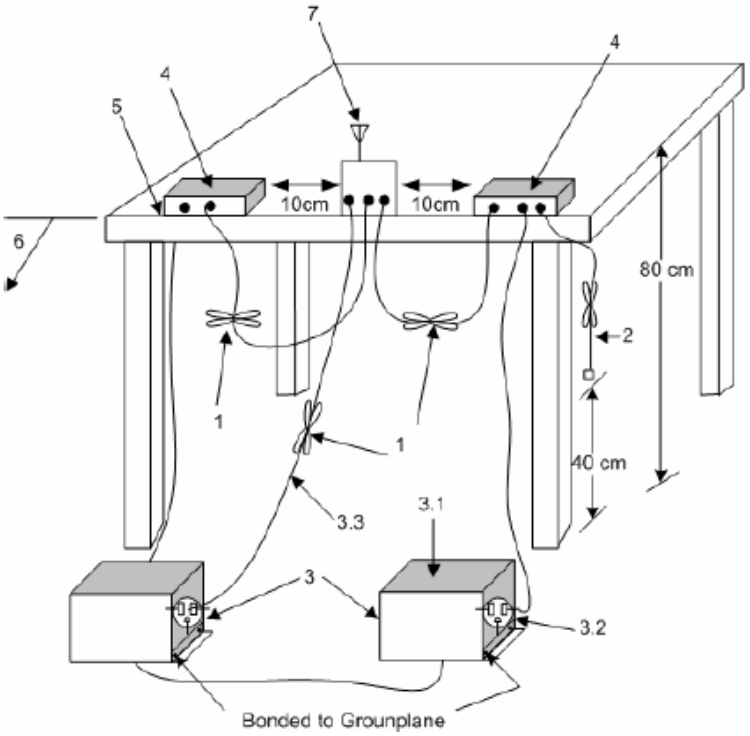
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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 ≥ 500 kHz.

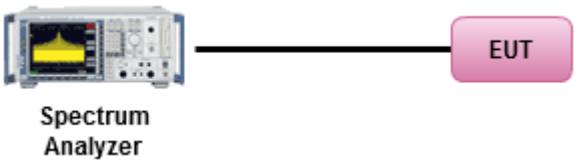
3.2.2 Measuring Instruments

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

Emission Bandwidth


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): $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX}])$ dBm	
	▪ Smart antenna system (SAS)	
		- Single beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
		- Overlap beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
		- Aggregate power on all beams: $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX} + 8])$ 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


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

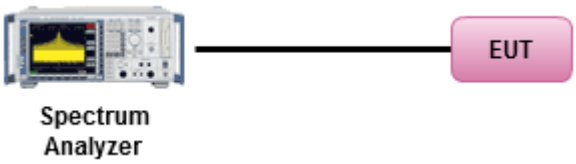
3.4.2 Measuring Instruments

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

Power Spectral Density


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.	

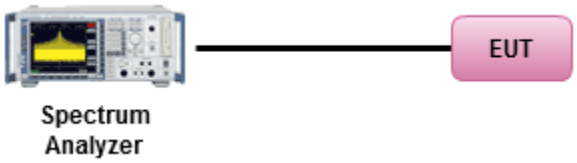
3.5.2 Measuring Instruments

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

Emissions in Non-restricted Frequency Bands


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.

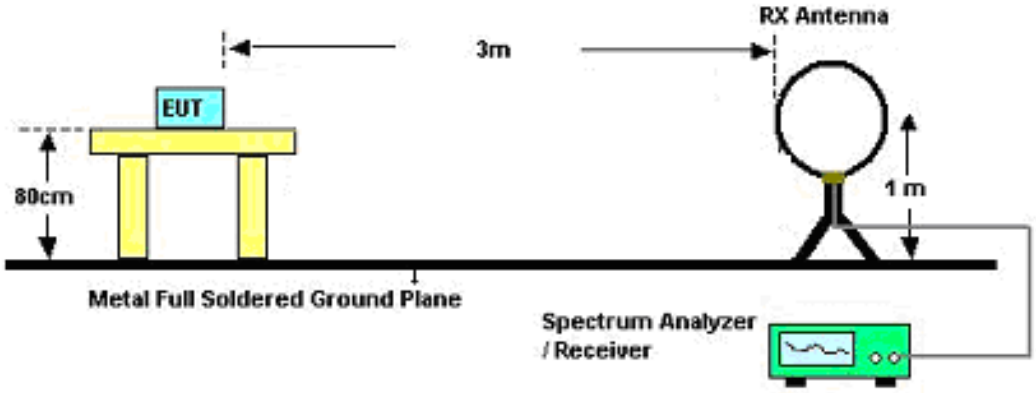
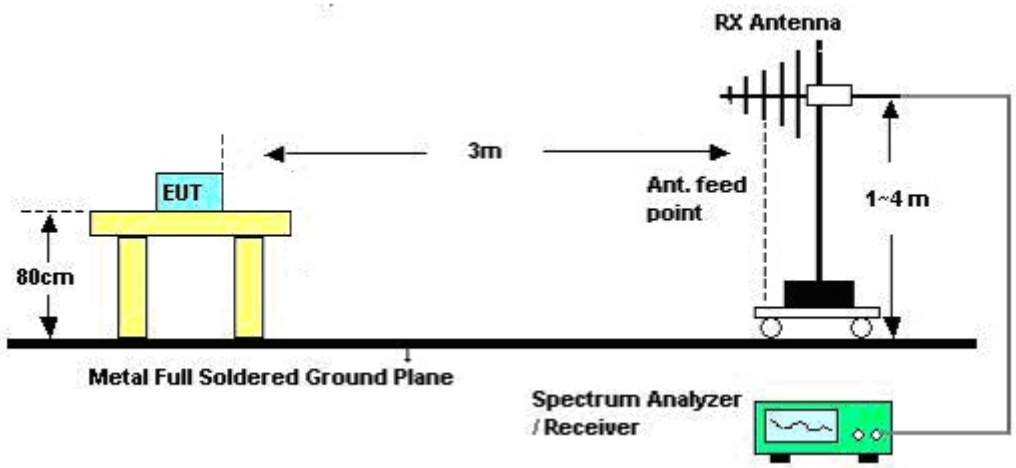
3.6.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 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 ≥ 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.

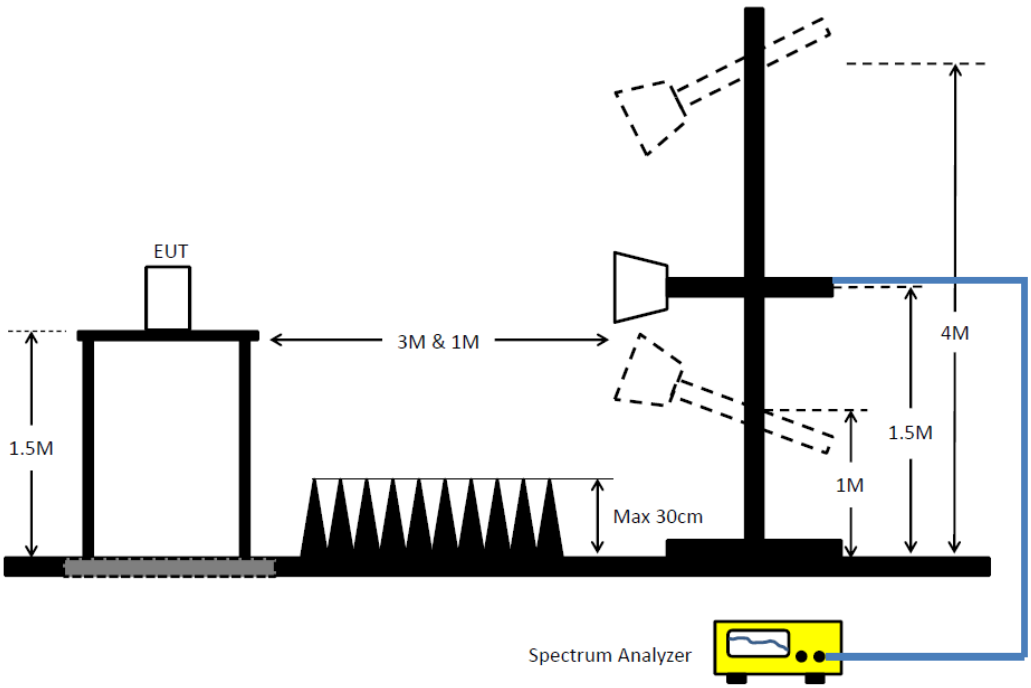
3.6.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102052	9kHz ~ 3.6GHz	19/Apr/2021	18/Apr/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022

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	06/Aug/2020	05/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	13/Apr/2021	12/Apr/2022
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz~26.5GHz	06/Oct/2020	05/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	24/Mar/2021	23/Mar/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	16/Jun/2021	15/Jun/2022
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021-1+CB021-2	30MHz~1GHz	17/Mar/2021	16/Mar/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022

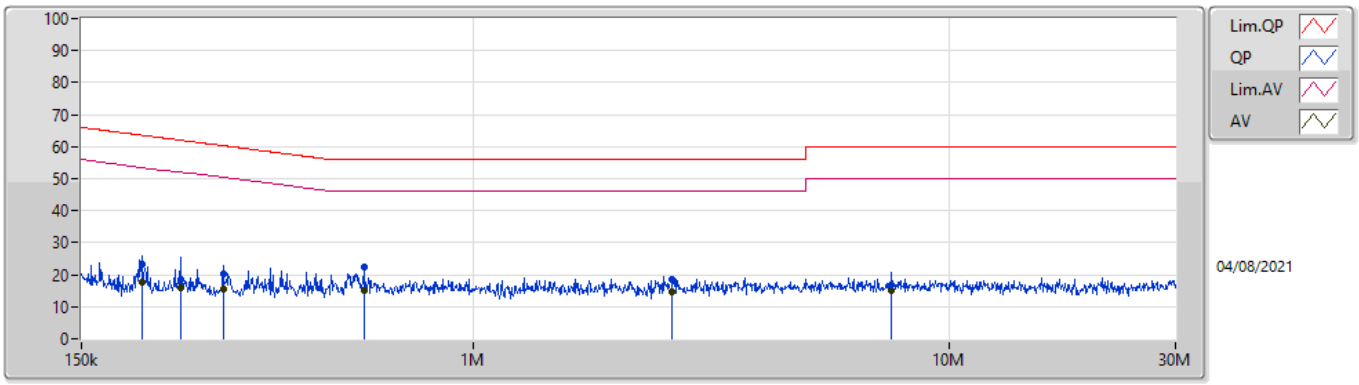
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	551.165k	15.23	46.00	-30.77	Neutral
Mode 2	Pass	AV	211.442k	43.57	53.15	-9.58	Neutral

Mode config

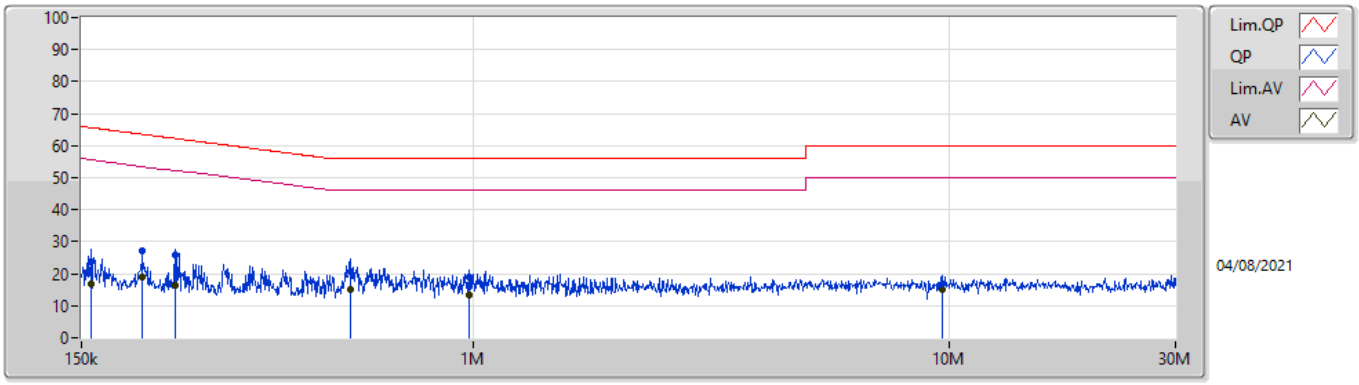
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	200.748k	23.07	63.57	-40.50	Line	-
Mode 1	Pass	AV	200.748k	17.78	53.57	-35.79	Line	-
Mode 1	Pass	QP	242.179k	18.72	62.02	-43.30	Line	-
Mode 1	Pass	AV	242.179k	15.82	52.02	-36.20	Line	-
Mode 1	Pass	QP	298.051k	20.21	60.30	-40.09	Line	-
Mode 1	Pass	AV	298.051k	15.58	50.30	-34.72	Line	-
Mode 1	Pass	QP	589.868k	22.46	56.00	-33.54	Line	-
Mode 1	Pass	AV	589.868k	15.01	46.00	-30.99	Line	-
Mode 1	Pass	QP	2.625M	18.72	56.00	-37.28	Line	-
Mode 1	Pass	AV	2.625M	14.72	46.00	-31.28	Line	-
Mode 1	Pass	QP	7.592M	16.90	60.00	-43.10	Line	-
Mode 1	Pass	AV	7.592M	15.27	50.00	-34.73	Line	-
Mode 1	Pass	QP	157.361k	23.61	65.60	-41.99	Neutral	-
Mode 1	Pass	AV	157.361k	16.78	55.60	-38.82	Neutral	-
Mode 1	Pass	QP	200.748k	27.29	63.57	-36.28	Neutral	-
Mode 1	Pass	AV	200.748k	18.89	53.57	-34.68	Neutral	-
Mode 1	Pass	QP	235.505k	25.76	62.25	-36.49	Neutral	-
Mode 1	Pass	AV	235.505k	16.49	52.25	-35.76	Neutral	-
Mode 1	Pass	QP	551.165k	20.64	56.00	-35.36	Neutral	-
Mode 1	Pass	AV	551.165k	15.23	46.00	-30.77	Neutral	-
Mode 1	Pass	QP	983.264k	18.88	56.00	-37.12	Neutral	-
Mode 1	Pass	AV	983.264k	13.38	46.00	-32.62	Neutral	-
Mode 1	Pass	QP	9.723M	16.83	60.00	-43.17	Neutral	-
Mode 1	Pass	AV	9.723M	15.24	50.00	-34.76	Neutral	-
Mode 2	Pass	QP	210.599k	52.12	63.19	-11.07	Line	-
Mode 2	Pass	AV	210.599k	43.34	53.19	-9.85	Line	-
Mode 2	Pass	QP	282.977k	47.02	60.72	-13.70	Line	-
Mode 2	Pass	AV	282.977k	38.96	50.72	-11.76	Line	-
Mode 2	Pass	QP	352.457k	39.34	58.91	-19.57	Line	-
Mode 2	Pass	AV	352.457k	31.63	48.91	-17.28	Line	-
Mode 2	Pass	QP	633.814k	36.55	56.00	-19.45	Line	-
Mode 2	Pass	AV	633.814k	34.18	46.00	-11.82	Line	-
Mode 2	Pass	QP	2.185M	25.49	56.00	-30.51	Line	-
Mode 2	Pass	AV	2.185M	20.06	46.00	-25.94	Line	-
Mode 2	Pass	QP	12.404M	24.90	60.00	-35.10	Line	-
Mode 2	Pass	AV	12.404M	20.29	50.00	-29.71	Line	-
Mode 2	Pass	QP	211.442k	52.53	63.15	-10.62	Neutral	-
Mode 2	Pass	AV	211.442k	43.57	53.15	-9.58	Neutral	-
Mode 2	Pass	QP	284.109k	46.40	60.70	-14.30	Neutral	-
Mode 2	Pass	AV	284.109k	38.37	50.70	-12.33	Neutral	-
Mode 2	Pass	QP	355.282k	39.17	58.83	-19.66	Neutral	-
Mode 2	Pass	AV	355.282k	32.10	48.83	-16.73	Neutral	-
Mode 2	Pass	QP	566.784k	38.99	56.00	-17.01	Neutral	-
Mode 2	Pass	AV	566.784k	36.10	46.00	-9.90	Neutral	-
Mode 2	Pass	QP	636.349k	38.18	56.00	-17.82	Neutral	-
Mode 2	Pass	AV	636.349k	35.52	46.00	-10.48	Neutral	-
Mode 2	Pass	QP	11.182M	27.61	60.00	-32.39	Neutral	-
Mode 2	Pass	AV	11.182M	21.77	50.00	-28.23	Neutral	-

Conducted Emissions at Powerline_Mode 1



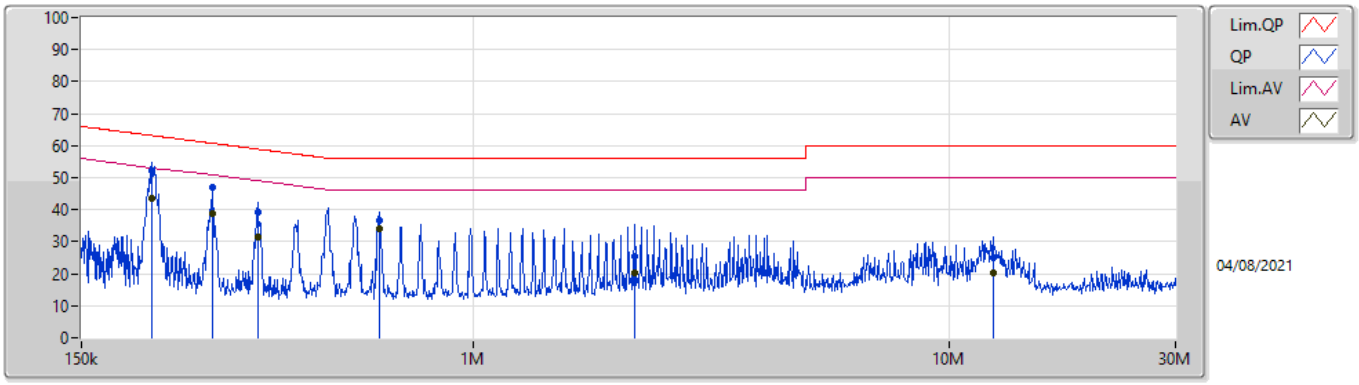
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	200.748k	23.07	63.57	-40.50	19.62	Line	-	3.45	9.68	0.04	9.90
AV	200.748k	17.78	53.57	-35.79	19.62	Line	-	-1.84	9.68	0.04	9.90
QP	242.179k	18.72	62.02	-43.30	19.63	Line	-	-0.91	9.68	0.05	9.90
AV	242.179k	15.82	52.02	-36.20	19.63	Line	-	-3.81	9.68	0.05	9.90
QP	298.051k	20.21	60.30	-40.09	19.62	Line	-	0.59	9.67	0.05	9.90
AV	298.051k	15.58	50.30	-34.72	19.62	Line	-	-4.04	9.67	0.05	9.90
QP	589.868k	22.46	56.00	-33.54	19.60	Line	-	2.86	9.67	0.07	9.86
AV	589.868k	15.01	46.00	-30.99	19.60	Line	-	-4.59	9.67	0.07	9.86
QP	2.625M	18.72	56.00	-37.28	19.64	Line	-	-0.92	9.68	0.12	9.84
AV	2.625M	14.72	46.00	-31.28	19.64	Line	-	-4.92	9.68	0.12	9.84
QP	7.592M	16.90	60.00	-43.10	19.79	Line	-	-2.89	9.71	0.18	9.90
AV	7.592M	15.27	50.00	-34.73	19.79	Line	-	-4.52	9.71	0.18	9.90

Conducted Emissions at Powerline_Mode 1



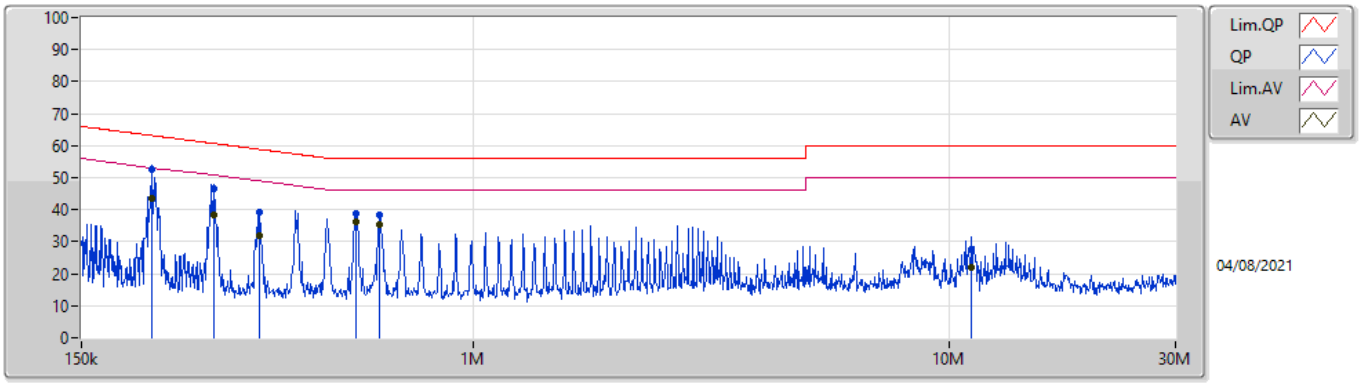
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.361k	23.61	65.60	-41.99	19.63	Neutral	-	3.98	9.69	0.04	9.90
AV	157.361k	16.78	55.60	-38.82	19.63	Neutral	-	-2.85	9.69	0.04	9.90
QP	200.748k	27.29	63.57	-36.28	19.62	Neutral	-	7.67	9.68	0.04	9.90
AV	200.748k	18.89	53.57	-34.68	19.62	Neutral	-	-0.73	9.68	0.04	9.90
QP	235.505k	25.76	62.25	-36.49	19.62	Neutral	-	6.14	9.68	0.04	9.90
AV	235.505k	16.49	52.25	-35.76	19.62	Neutral	-	-3.13	9.68	0.04	9.90
QP	551.165k	20.64	56.00	-35.36	19.61	Neutral	-	1.03	9.67	0.07	9.87
AV	551.165k	15.23	46.00	-30.77	19.61	Neutral	-	-4.38	9.67	0.07	9.87
QP	983.264k	18.88	56.00	-37.12	19.55	Neutral	-	-0.67	9.67	0.08	9.80
AV	983.264k	13.38	46.00	-32.62	19.55	Neutral	-	-6.17	9.67	0.08	9.80
QP	9.723M	16.83	60.00	-43.17	19.83	Neutral	-	-3.00	9.73	0.20	9.90
AV	9.723M	15.24	50.00	-34.76	19.83	Neutral	-	-4.59	9.73	0.20	9.90

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	210.599k	52.12	63.19	-11.07	19.62	Line	-	32.50	9.68	0.04	9.90
AV	210.599k	43.34	53.19	-9.85	19.62	Line	-	23.72	9.68	0.04	9.90
QP	282.977k	47.02	60.72	-13.70	19.62	Line	-	27.40	9.67	0.05	9.90
AV	282.977k	38.96	50.72	-11.76	19.62	Line	-	19.34	9.67	0.05	9.90
QP	352.457k	39.34	58.91	-19.57	19.63	Line	-	19.71	9.67	0.06	9.90
AV	352.457k	31.63	48.91	-17.28	19.63	Line	-	12.00	9.67	0.06	9.90
QP	633.814k	36.55	56.00	-19.45	19.59	Line	-	16.96	9.67	0.07	9.85
AV	633.814k	34.18	46.00	-11.82	19.59	Line	-	14.59	9.67	0.07	9.85
QP	2.185M	25.49	56.00	-30.51	19.60	Line	-	5.89	9.68	0.11	9.81
AV	2.185M	20.06	46.00	-25.94	19.60	Line	-	0.46	9.68	0.11	9.81
QP	12.404M	24.90	60.00	-35.10	19.83	Line	-	5.07	9.70	0.23	9.90
AV	12.404M	20.29	50.00	-29.71	19.83	Line	-	0.46	9.70	0.23	9.90

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	211.442k	52.53	63.15	-10.62	19.62	Neutral	-	32.91	9.68	0.04	9.90
AV	211.442k	43.57	53.15	-9.58	19.62	Neutral	-	23.95	9.68	0.04	9.90
QP	284.109k	46.40	60.70	-14.30	19.62	Neutral	-	26.78	9.67	0.05	9.90
AV	284.109k	38.37	50.70	-12.33	19.62	Neutral	-	18.75	9.67	0.05	9.90
QP	355.282k	39.17	58.83	-19.66	19.63	Neutral	-	19.54	9.67	0.06	9.90
AV	355.282k	32.10	48.83	-16.73	19.63	Neutral	-	12.47	9.67	0.06	9.90
QP	566.784k	38.99	56.00	-17.01	19.60	Neutral	-	19.39	9.67	0.07	9.86
AV	566.784k	36.10	46.00	-9.90	19.60	Neutral	-	16.50	9.67	0.07	9.86
QP	636.349k	38.18	56.00	-17.82	19.59	Neutral	-	18.59	9.67	0.07	9.85
AV	636.349k	35.52	46.00	-10.48	19.59	Neutral	-	15.93	9.67	0.07	9.85
QP	11.182M	27.61	60.00	-32.39	19.84	Neutral	-	7.77	9.73	0.21	9.90
AV	11.182M	21.77	50.00	-28.23	19.84	Neutral	-	1.93	9.73	0.21	9.90

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	9.05M	13.618M	13M6G1D	9.05M	13.493M
802.11g_Nss1,(6Mbps)_1TX	16.55M	16.717M	16M7D1D	16.55M	16.592M
802.11n HT20_Nss1,(MCS0)_1TX	17.775M	17.816M	17M8D1D	17.675M	17.766M
802.11n HT40_Nss1,(MCS0)_1TX	36.35M	36.432M	36M4D1D	36.35M	36.382M

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

Result

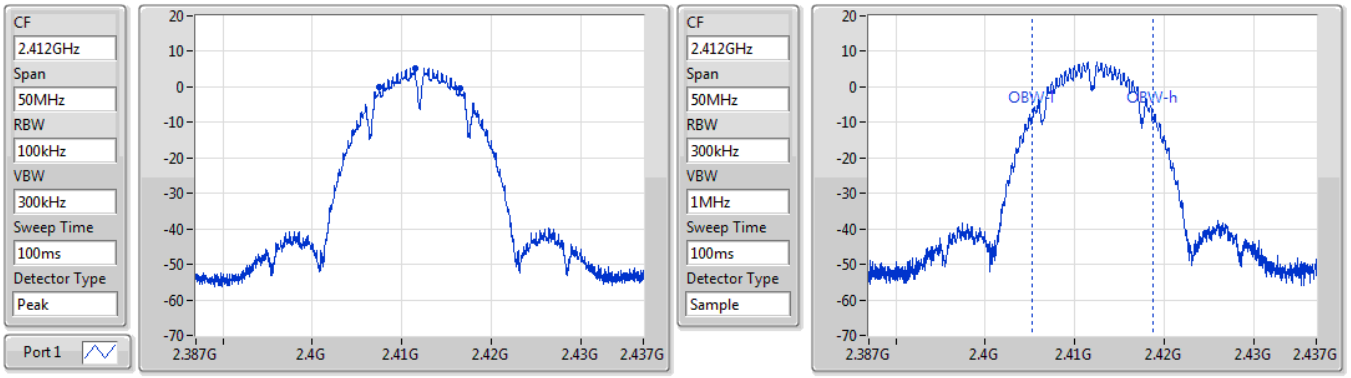
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	9.05M	13.568M
2437MHz	Pass	500k	9.05M	13.618M
2462MHz	Pass	500k	9.05M	13.493M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.55M	16.592M
2437MHz	Pass	500k	16.55M	16.717M
2462MHz	Pass	500k	16.55M	16.617M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.775M	17.791M
2437MHz	Pass	500k	17.7M	17.816M
2462MHz	Pass	500k	17.675M	17.766M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	36.35M	36.382M
2437MHz	Pass	500k	36.35M	36.382M
2452MHz	Pass	500k	36.35M	36.432M

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

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

04/08/2021

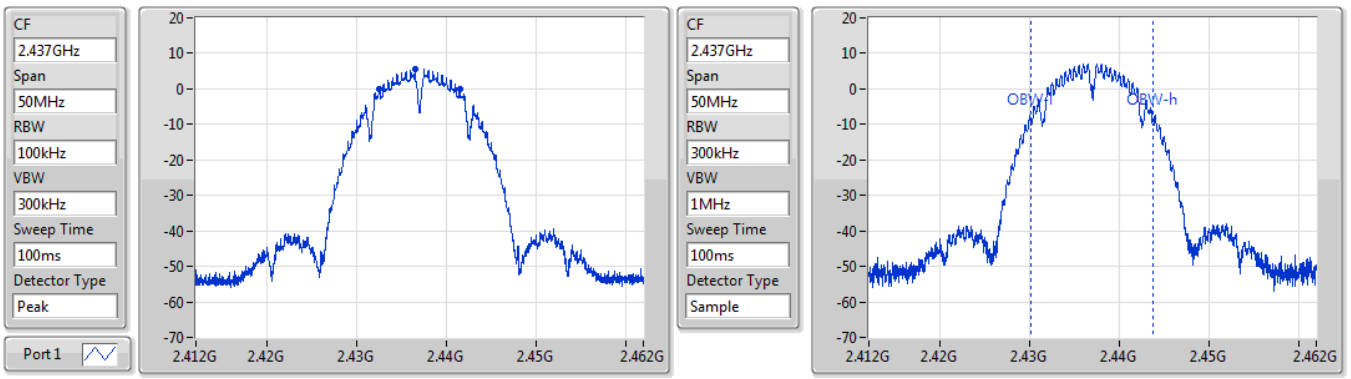


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.407475G	2.416525G	13.568M	2.405228G	2.418797G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

04/08/2021

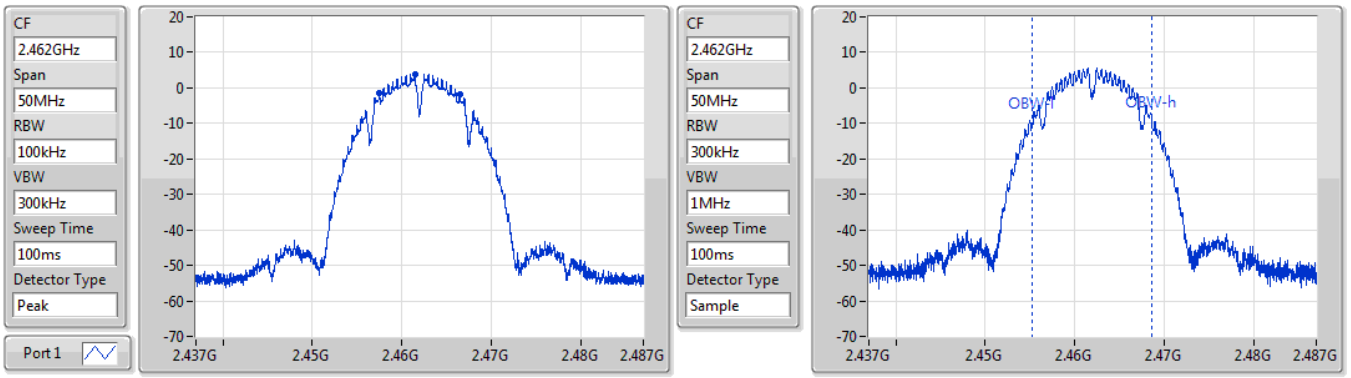


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.432475G	2.441525G	13.618M	2.430153G	2.443772G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2462MHz

04/08/2021

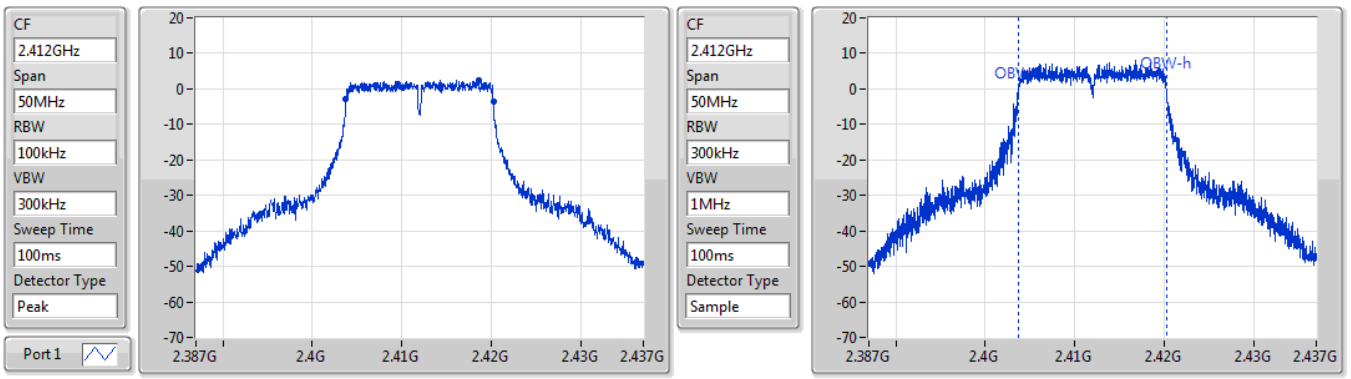


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.457475G	2.466525G	13.493M	2.455178G	2.468672G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2412MHz

04/08/2021

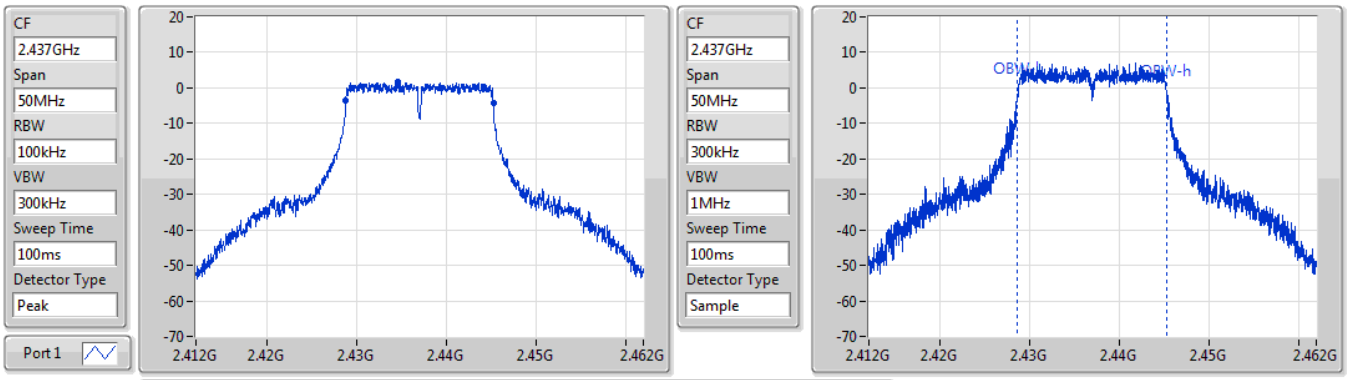


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	2.403725G	2.420275G	16.592M	2.403679G	2.420271G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2437MHz

04/08/2021

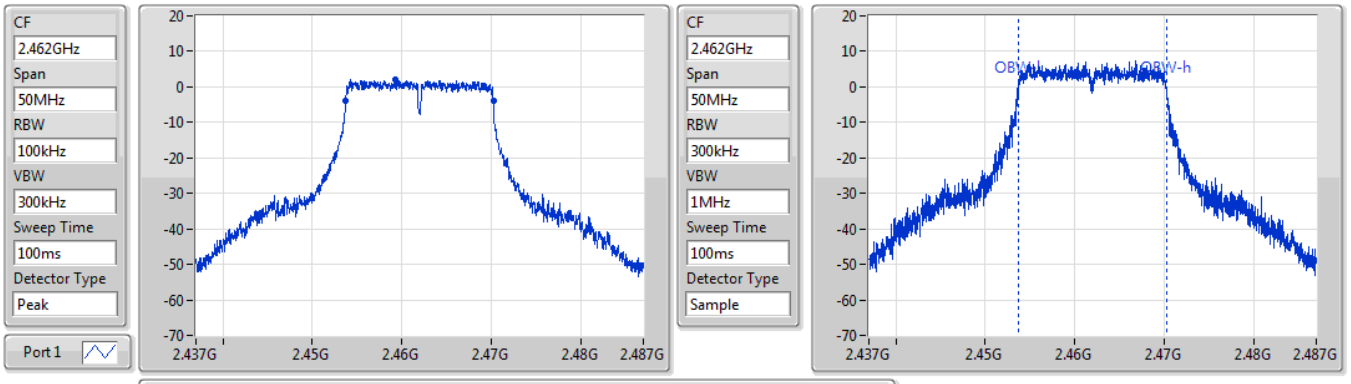


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	2.4287G	2.44525G	16.717M	2.428604G	2.445321G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2462MHz

04/08/2021

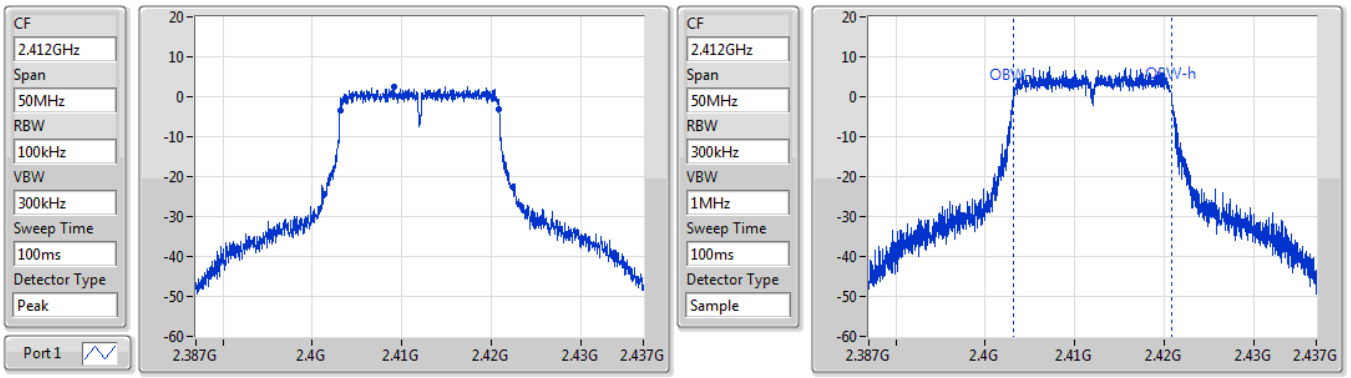


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	2.4537G	2.47025G	16.617M	2.453654G	2.470271G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2412MHz

04/08/2021

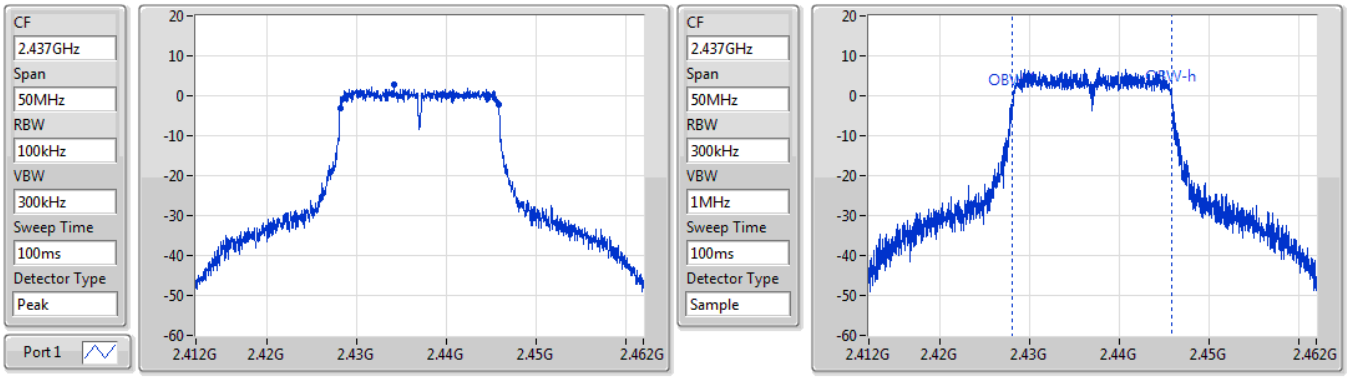


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.775M	2.4031G	2.420875G	17.791M	2.403104G	2.420896G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2437MHz

04/08/2021

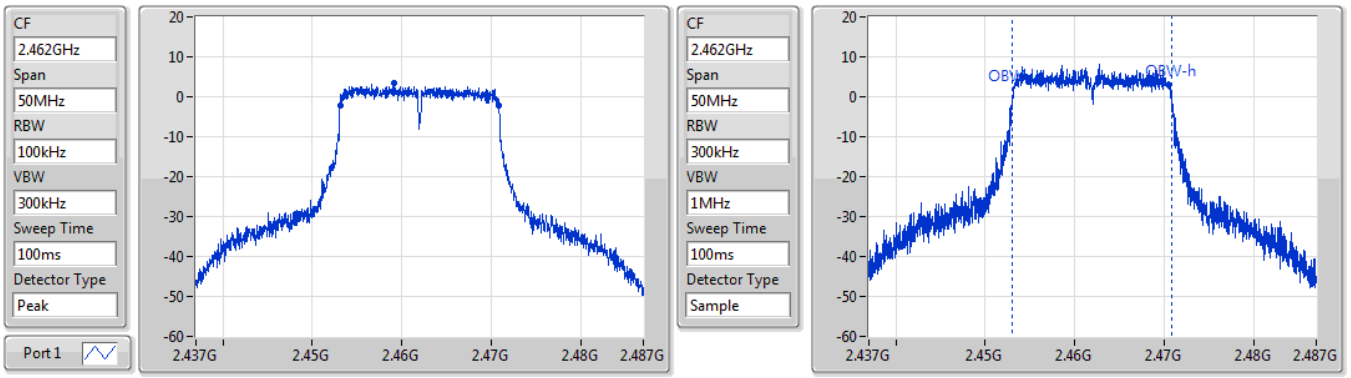


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	2.4281G	2.4458G	17.816M	2.428054G	2.445871G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2462MHz

04/08/2021

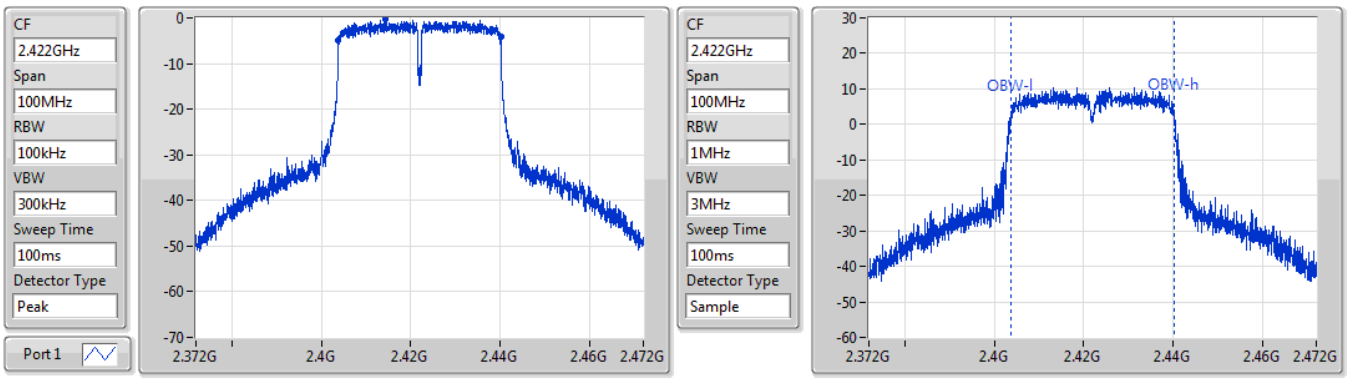


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.675M	2.453125G	2.4708G	17.766M	2.453054G	2.470821G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2422MHz

04/08/2021

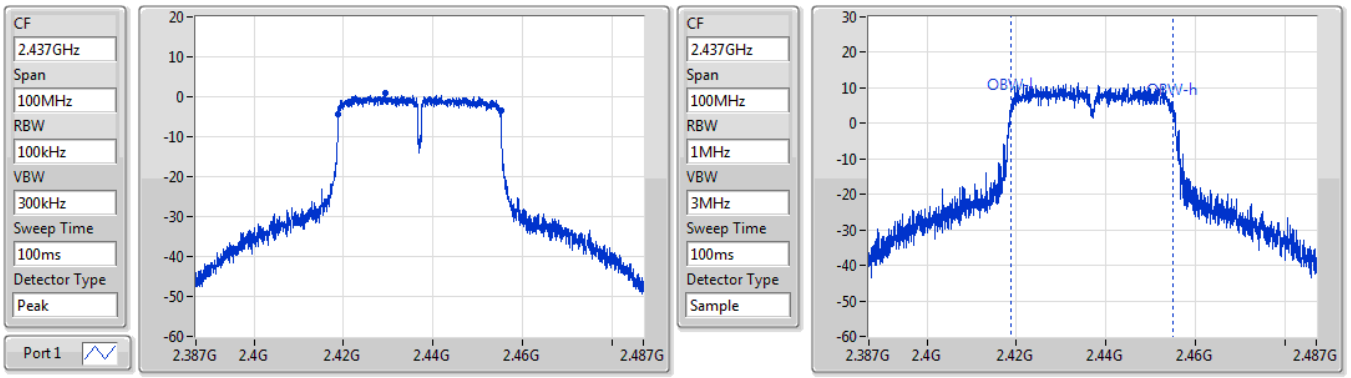


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4038G	2.44015G	36.382M	2.403759G	2.440141G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2437MHz

04/08/2021

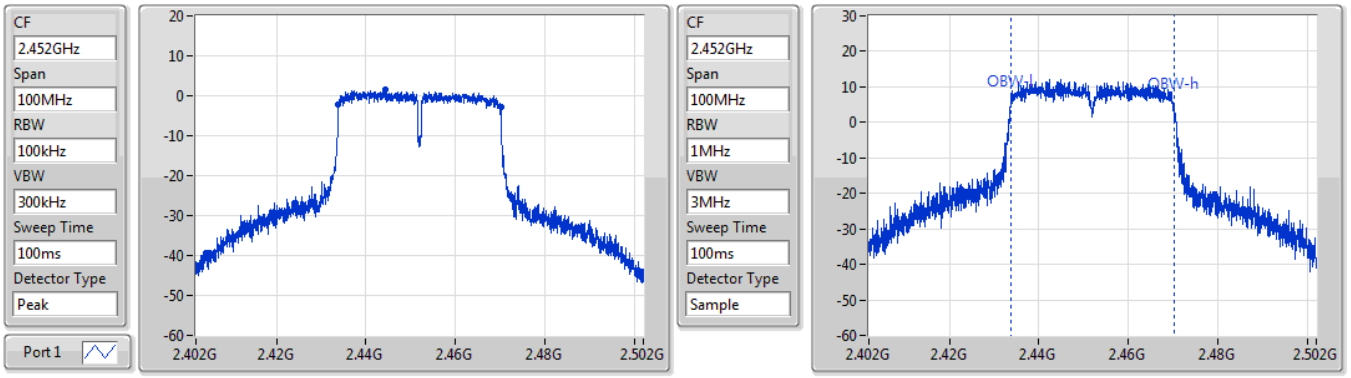


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4188G	2.45515G	36.382M	2.418709G	2.455091G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2452MHz

04/08/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4338G	2.47015G	36.432M	2.433709G	2.470141G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	15.38	0.03451
802.11g_Nss1,(6Mbps)_1TX	17.15	0.05188
802.11n HT20_Nss1,(MCS0)_1TX	17.55	0.05689
802.11n HT40_Nss1,(MCS0)_1TX	19.03	0.07998

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	0.11	15.21	15.21	30.00
2417MHz	Pass	0.11	14.19	14.19	30.00
2437MHz	Pass	0.11	15.38	15.38	30.00
2457MHz	Pass	0.11	12.20	12.20	30.00
2462MHz	Pass	0.11	13.81	13.81	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	0.11	17.15	17.15	30.00
2437MHz	Pass	0.11	16.52	16.52	30.00
2462MHz	Pass	0.11	16.84	16.84	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	0.11	17.10	17.10	30.00
2437MHz	Pass	0.11	16.87	16.87	30.00
2462MHz	Pass	0.11	17.55	17.55	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	0.11	17.46	17.46	30.00
2437MHz	Pass	0.11	18.38	18.38	30.00
2452MHz	Pass	0.11	19.03	19.03	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	-14.95
802.11g_Nss1,(6Mbps)_1TX	-12.07
802.11n HT20_Nss1,(MCS0)_1TX	-10.69
802.11n HT40_Nss1,(MCS0)_1TX	-10.31

RBW = 3kHz;

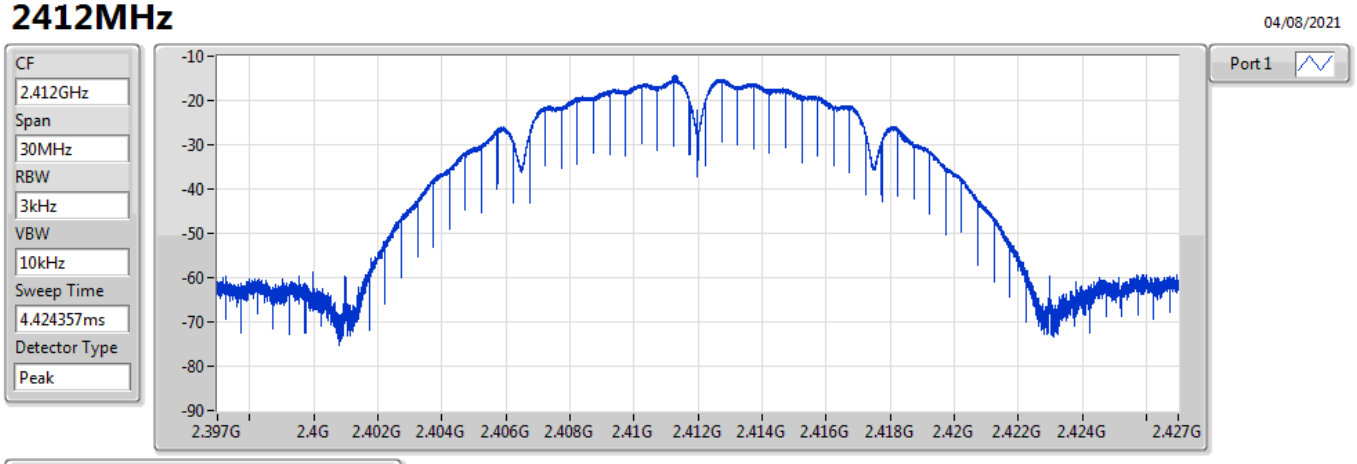
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	0.11	-15.15	-15.15	8.00
2437MHz	Pass	0.11	-14.95	-14.95	8.00
2462MHz	Pass	0.11	-16.53	-16.53	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	0.11	-12.27	-12.27	8.00
2437MHz	Pass	0.11	-13.00	-13.00	8.00
2462MHz	Pass	0.11	-12.07	-12.07	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	0.11	-11.63	-11.63	8.00
2437MHz	Pass	0.11	-11.52	-11.52	8.00
2462MHz	Pass	0.11	-10.69	-10.69	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	0.11	-11.36	-11.36	8.00
2437MHz	Pass	0.11	-10.31	-10.31	8.00
2452MHz	Pass	0.11	-10.42	-10.42	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

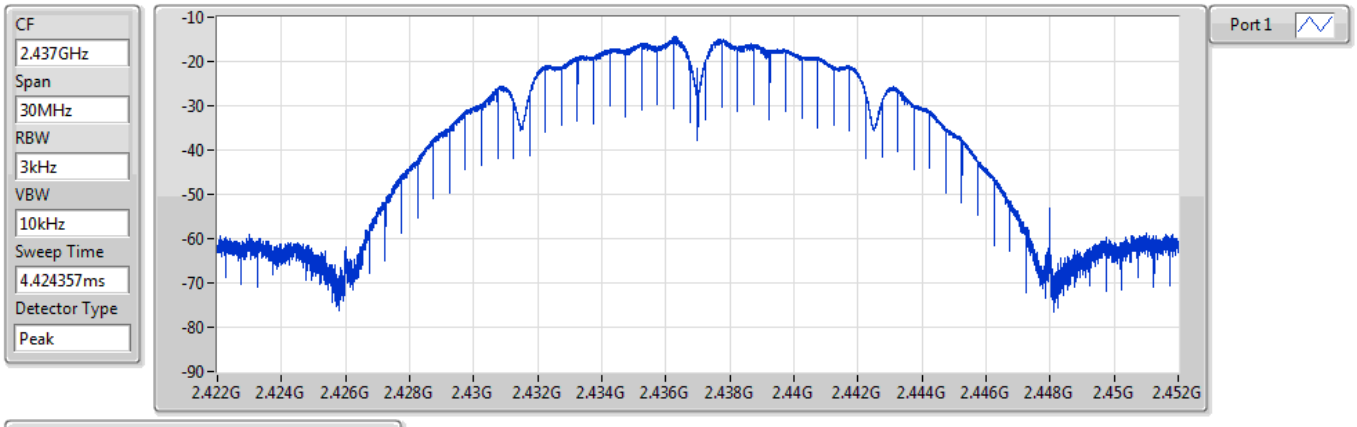
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.15	-15.15	-15.15

802.11b_Nss1,(1Mbps)_1TX PSD

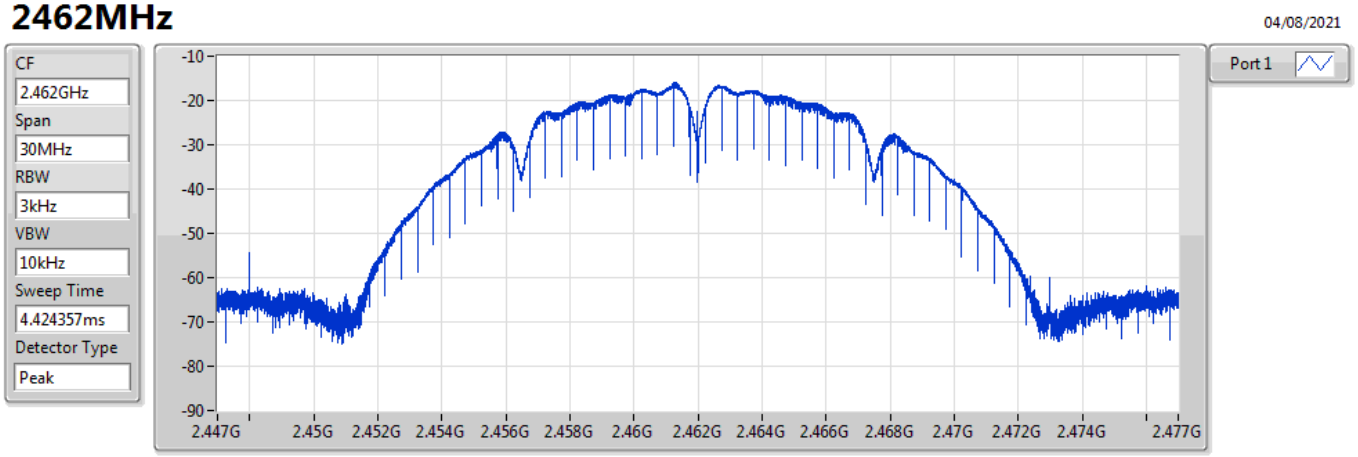
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.95	-14.95	-14.95

802.11b_Nss1,(1Mbps)_1TX PSD

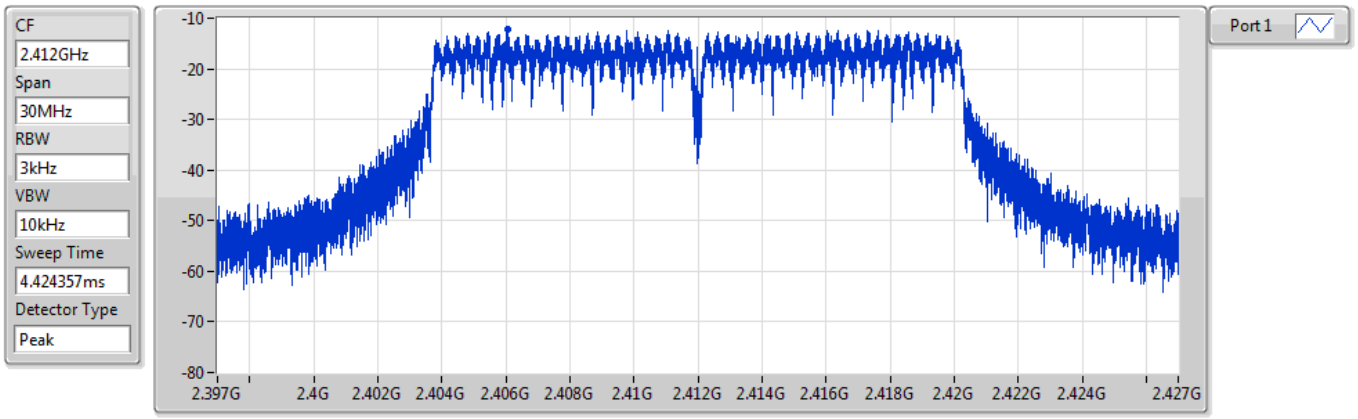
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.53	-16.53	-16.53

802.11g_Nss1,(6Mbps)_1TX PSD

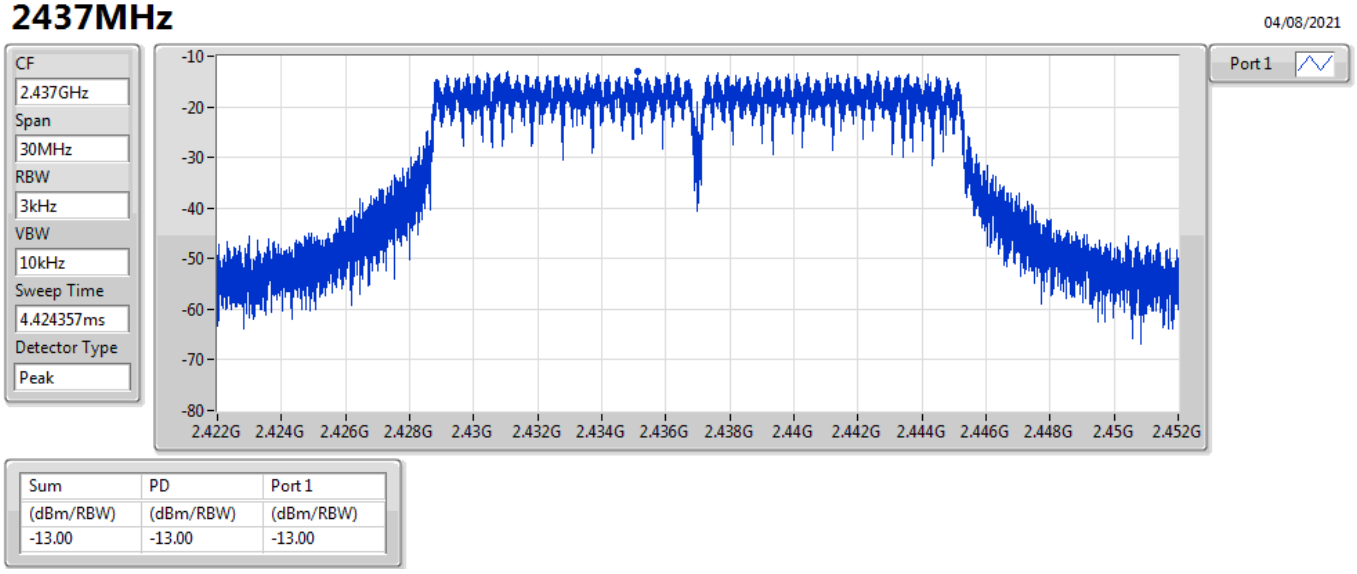
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.27	-12.27	-12.27

802.11g_Nss1,(6Mbps)_1TX PSD

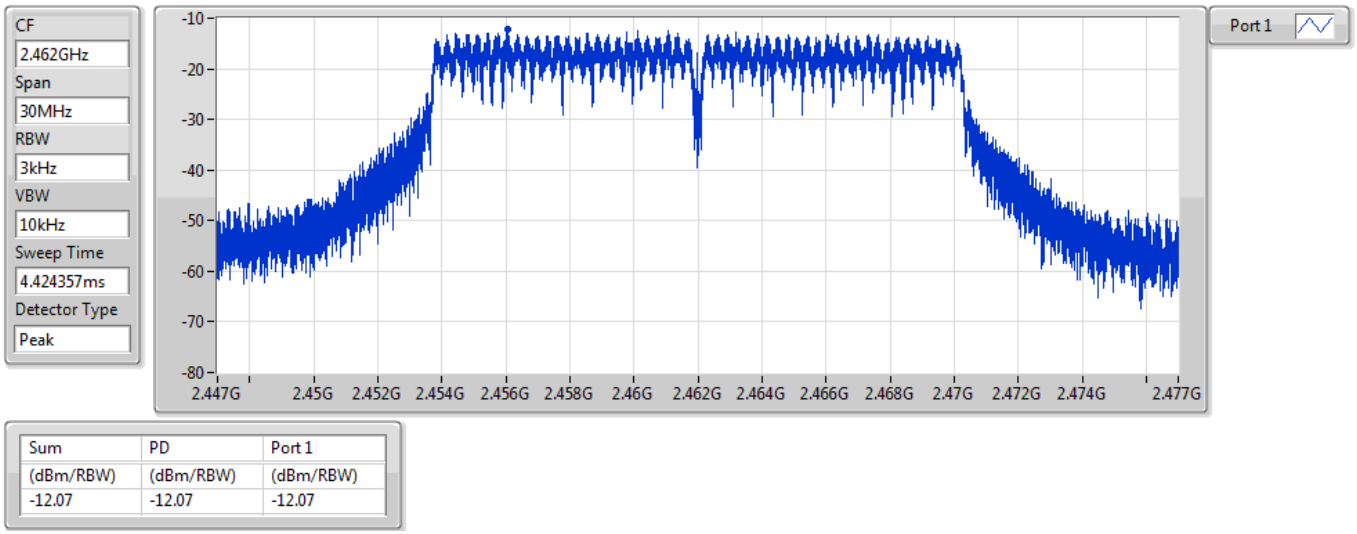
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.00	-13.00	-13.00

802.11g_Nss1,(6Mbps)_1TX PSD

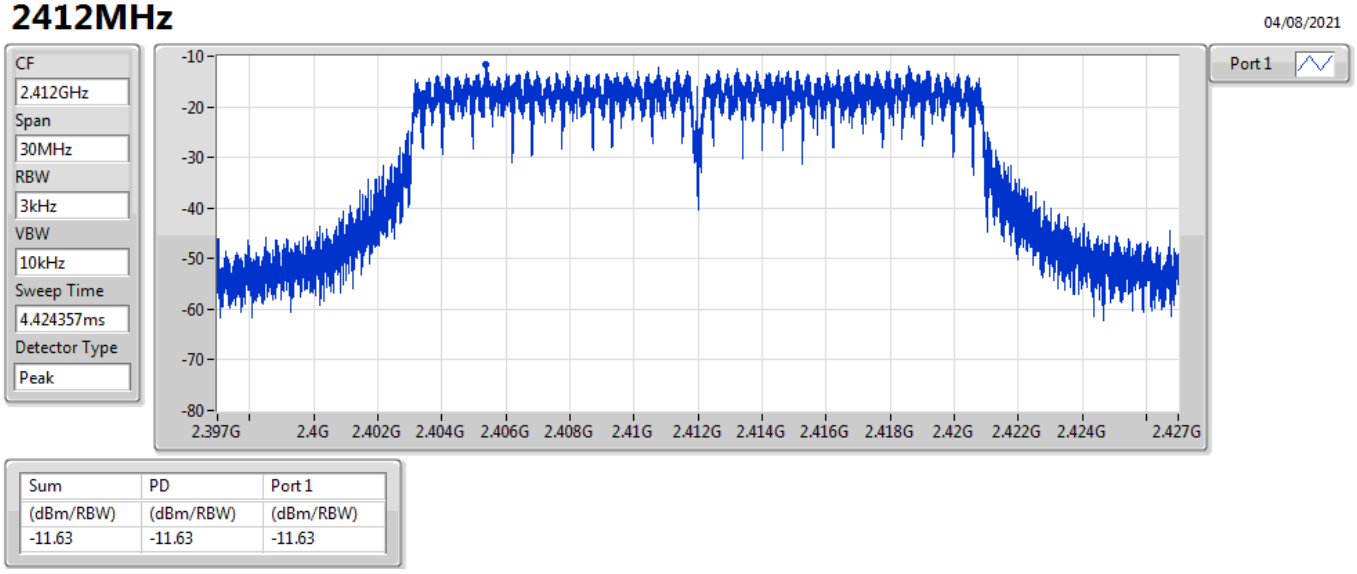
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.07	-12.07	-12.07

802.11n HT20_Nss1,(MCS0)_1TX PSD

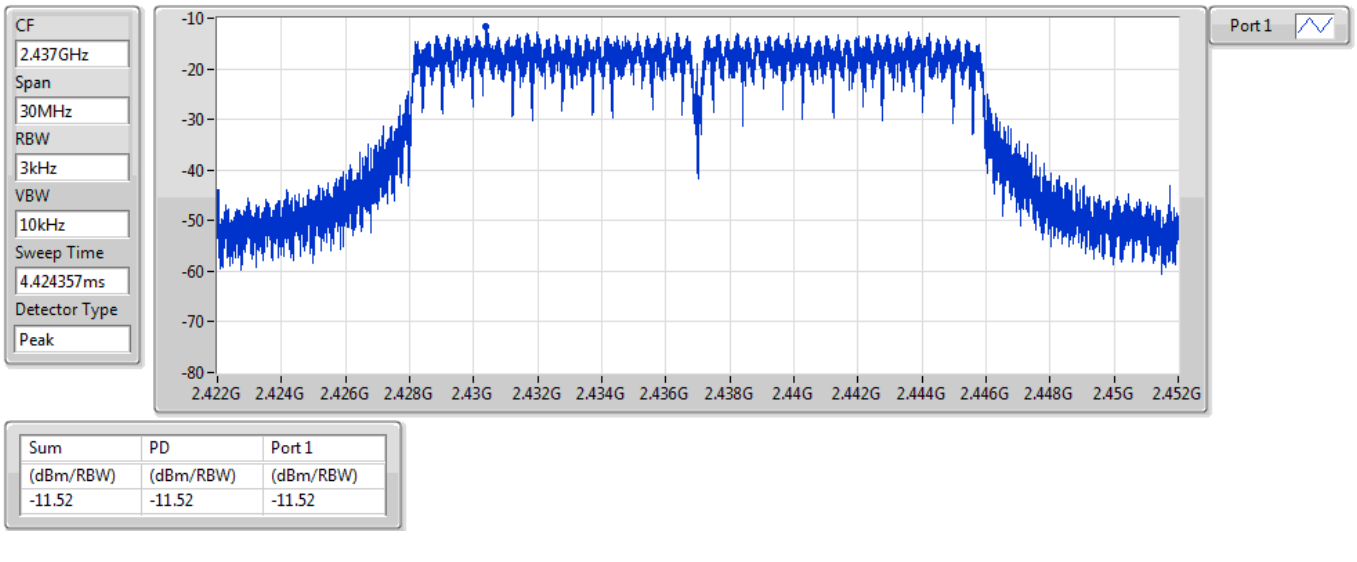
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.63	-11.63	-11.63

802.11n HT20_Nss1,(MCS0)_1TX PSD

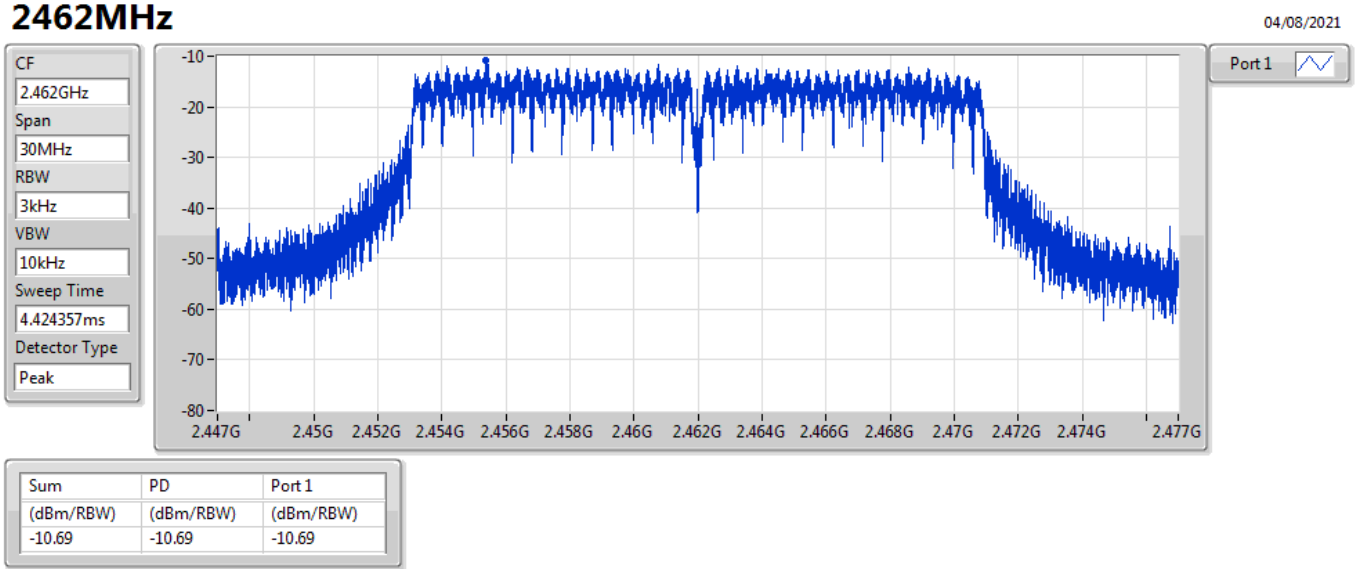
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.52	-11.52	-11.52

802.11n HT20_Nss1,(MCS0)_1TX PSD

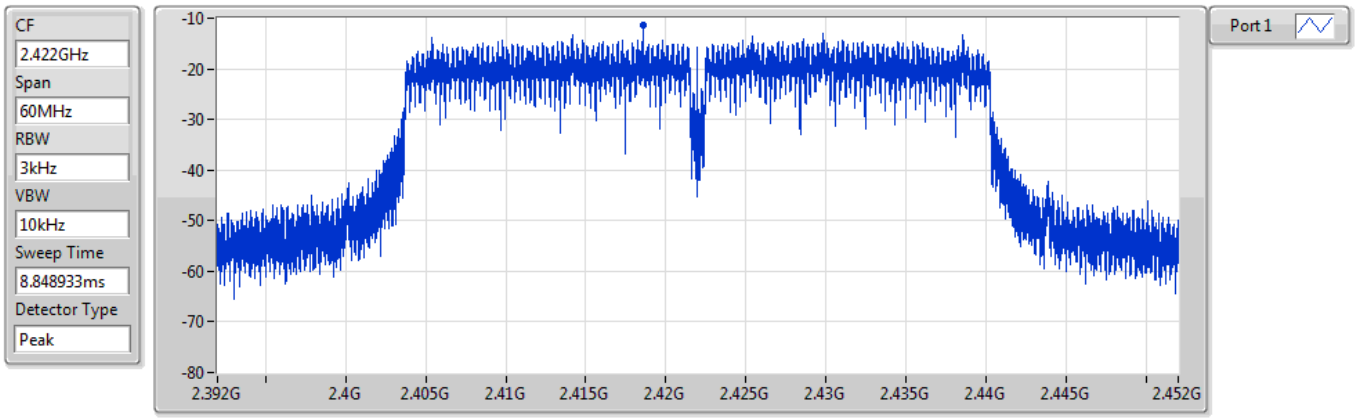
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.69	-10.69	-10.69

802.11n HT40_Nss1,(MCS0)_1TX PSD

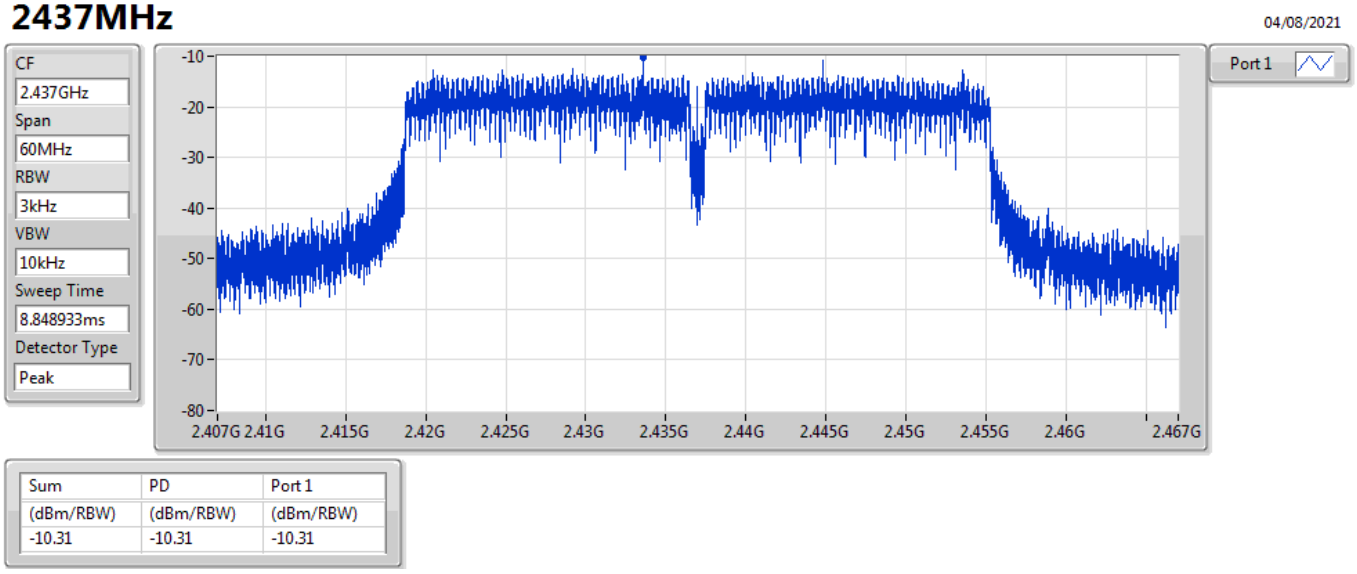
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.36	-11.36	-11.36

802.11n HT40_Nss1,(MCS0)_1TX PSD

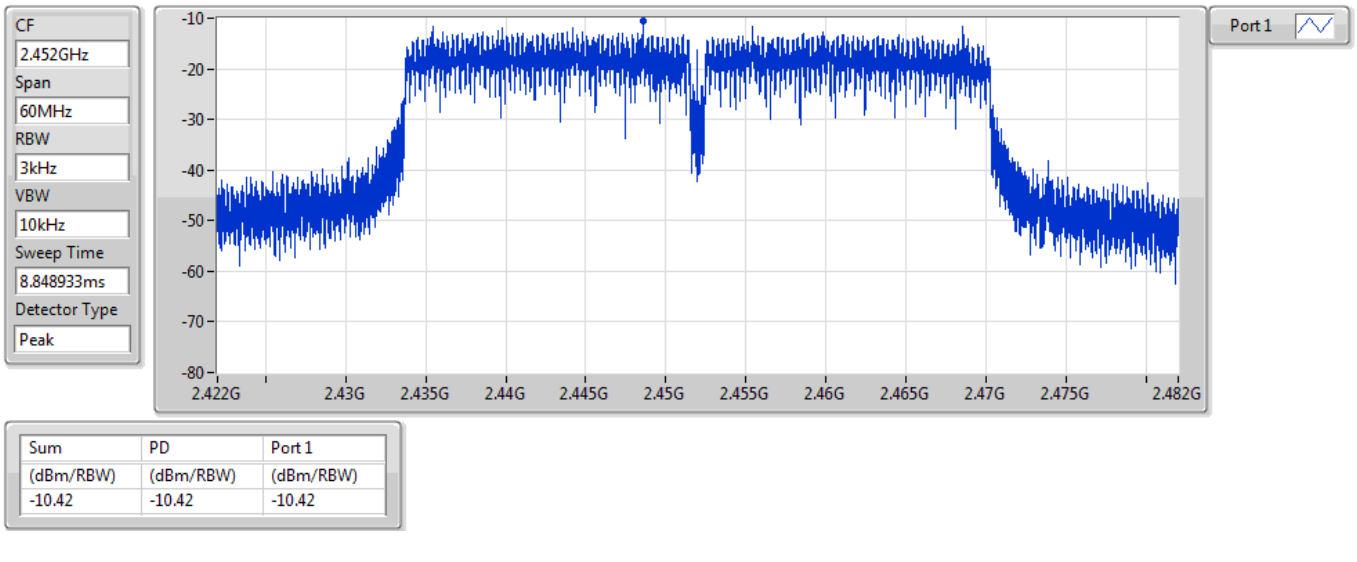
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.31	-10.31	-10.31

802.11n HT40_Nss1,(MCS0)_1TX PSD

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.42	-10.42	-10.42

Summary

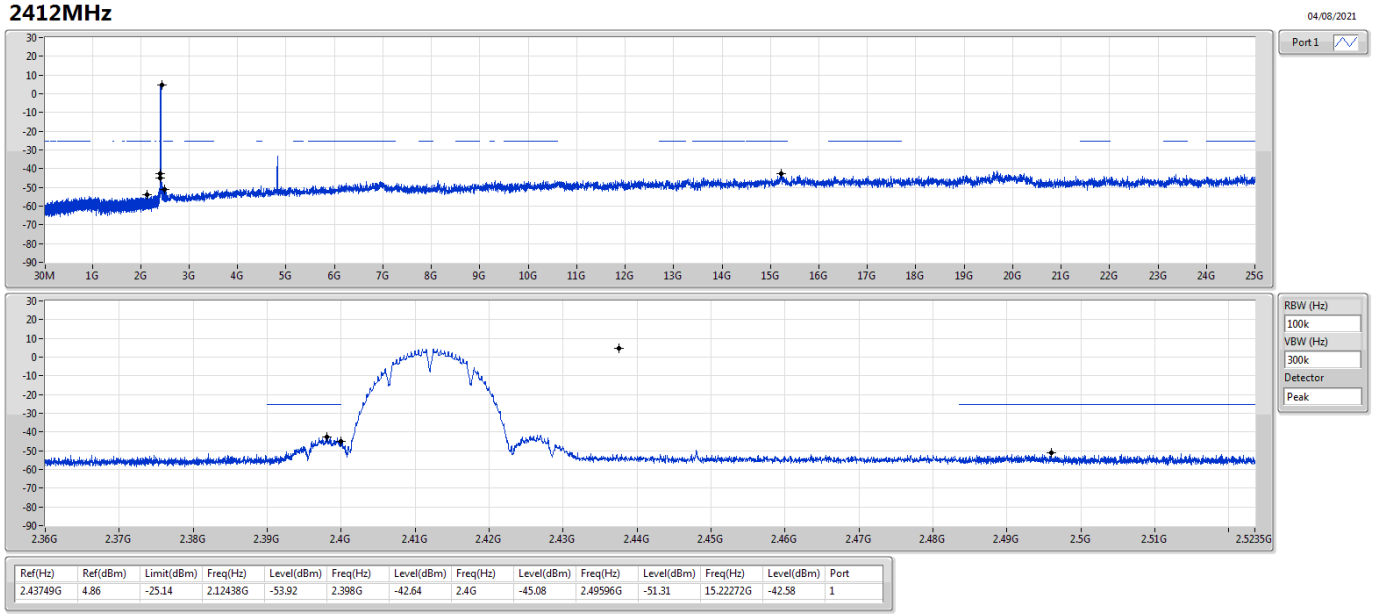
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43749G	4.86	-25.14	2.12438G	-53.92	2.398G	-42.64	2.4G	-45.08	2.49596G	-51.31	15.22272G	-42.58	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.45949G	1.77	-28.23	2.30379G	-53.32	2.39862G	-30.26	2.4G	-32.00	2.49602G	-49.70	23.27212G	-43.26	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.45912G	3.10	-26.90	2.1602G	-53.97	2.39986G	-28.67	2.4G	-31.59	2.496G	-49.94	15.2452G	-42.72	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.44426G	1.09	-28.91	2.30712G	-53.88	2.3986G	-46.63	2.4835G	-31.35	2.48354G	-29.90	15.24012G	-43.03	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	2.43749G	4.86	-25.14	2.12438G	-53.92	2.398G	-42.64	2.4G	-45.08	2.49596G	-51.31	15.22272G	-42.58	1
2437MHz	Pass	2.43749G	4.86	-25.14	2.10865G	-53.19	2.39998G	-52.84	2.4G	-52.67	2.51374G	-50.49	24.88762G	-43.38	1
2462MHz	Pass	2.43749G	4.86	-25.14	922.1M	-54.32	2.39694G	-52.53	2.4G	-52.62	2.49092G	-51.66	15.2761G	-42.75	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.45949G	1.77	-28.23	2.30379G	-53.32	2.39862G	-30.26	2.4G	-32.00	2.49602G	-49.70	23.27212G	-43.26	1
2437MHz	Pass	2.45949G	1.77	-28.23	1.95109G	-53.37	2.39998G	-50.27	2.4G	-51.47	2.5098G	-50.36	16.68089G	-42.05	1
2462MHz	Pass	2.45949G	1.77	-28.23	2.30932G	-53.82	2.4G	-49.44	2.4835G	-45.64	2.48352G	-44.70	15.22272G	-42.64	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.45912G	3.10	-26.90	2.1602G	-53.97	2.39986G	-28.67	2.4G	-31.59	2.496G	-49.94	15.2452G	-42.72	1
2437MHz	Pass	2.45912G	3.10	-26.90	2.1602G	-54.10	2.39308G	-51.72	2.4G	-51.43	2.49636G	-50.60	15.20587G	-43.21	1
2462MHz	Pass	2.45912G	3.10	-26.90	1.98807G	-54.29	2.39996G	-49.60	2.4835G	-41.17	2.48386G	-39.15	24.37909G	-42.71	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44426G	1.09	-28.91	2.30454G	-54.36	2.39788G	-30.24	2.4G	-30.02	2.54398G	-49.35	15.21488G	-42.73	1
2437MHz	Pass	2.44426G	1.09	-28.91	2.30426G	-53.76	2.397G	-33.53	2.4G	-34.87	2.48474G	-42.19	24.84855G	-42.90	1
2452MHz	Pass	2.44426G	1.09	-28.91	2.30712G	-53.88	2.3986G	-46.63	2.4835G	-31.35	2.48354G	-29.90	15.24012G	-43.03	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

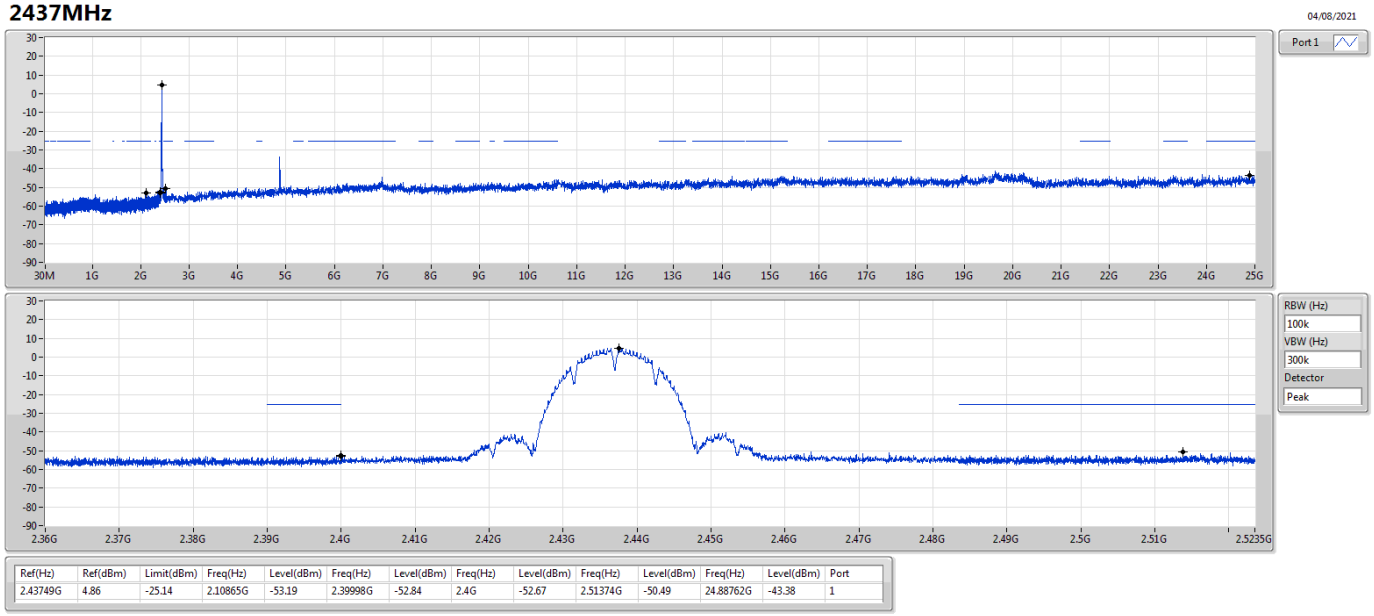
2412MHz



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
2.43749G	4.86	-25.14	2.12438G	-53.92	2.398G	-42.64	2.4G	-45.08	2.49596G	-51.31	15.22272G	-42.58	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

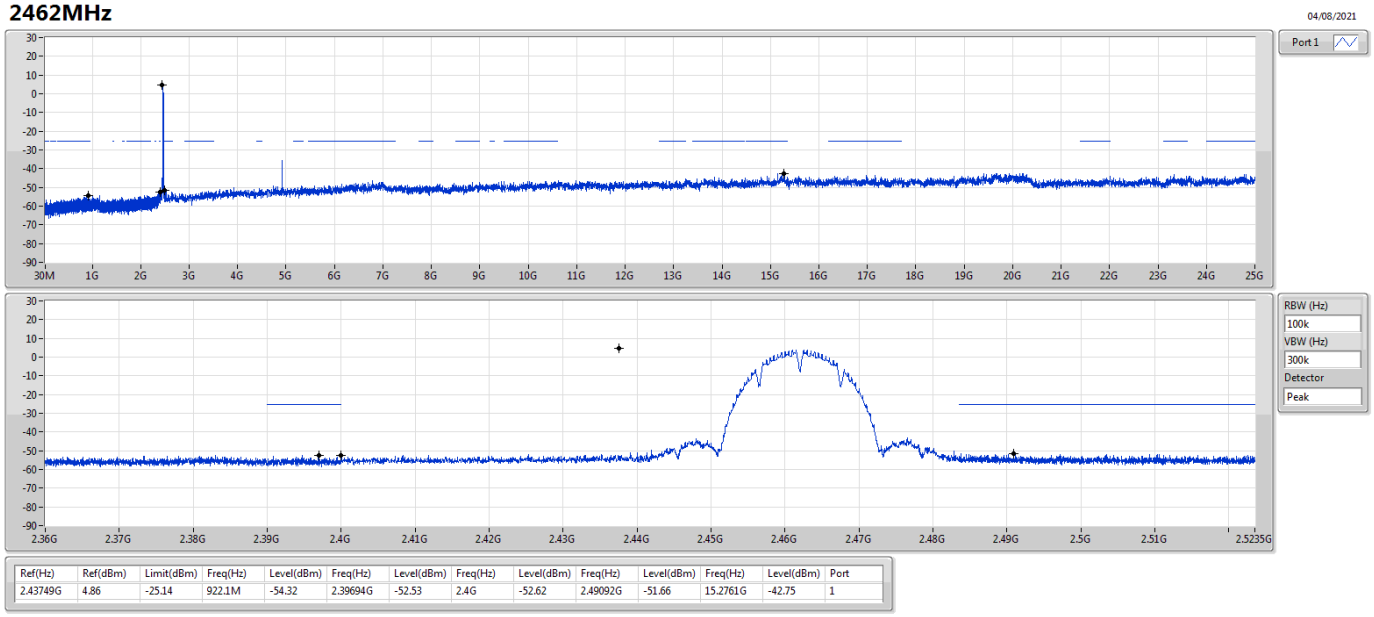
2437MHz



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
2.43749G	4.86	-25.14	2.10865G	-53.19	2.39998G	-52.84	2.4G	-52.67	2.51374G	-50.49	24.88762G	-43.38	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

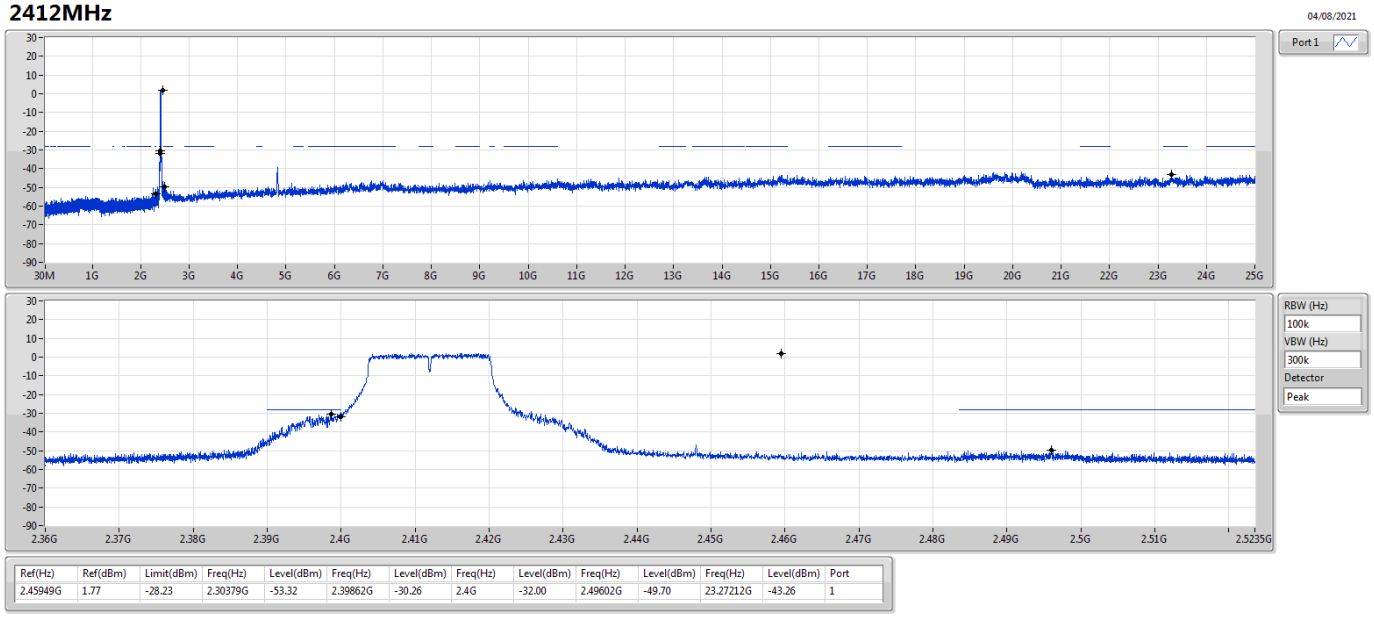
2462MHz



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
2.43749G	4.86	-25.14	922.1M	-54.32	2.39694G	-52.53	2.4G	-52.62	2.49092G	-51.66	15.2761G	-42.75	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

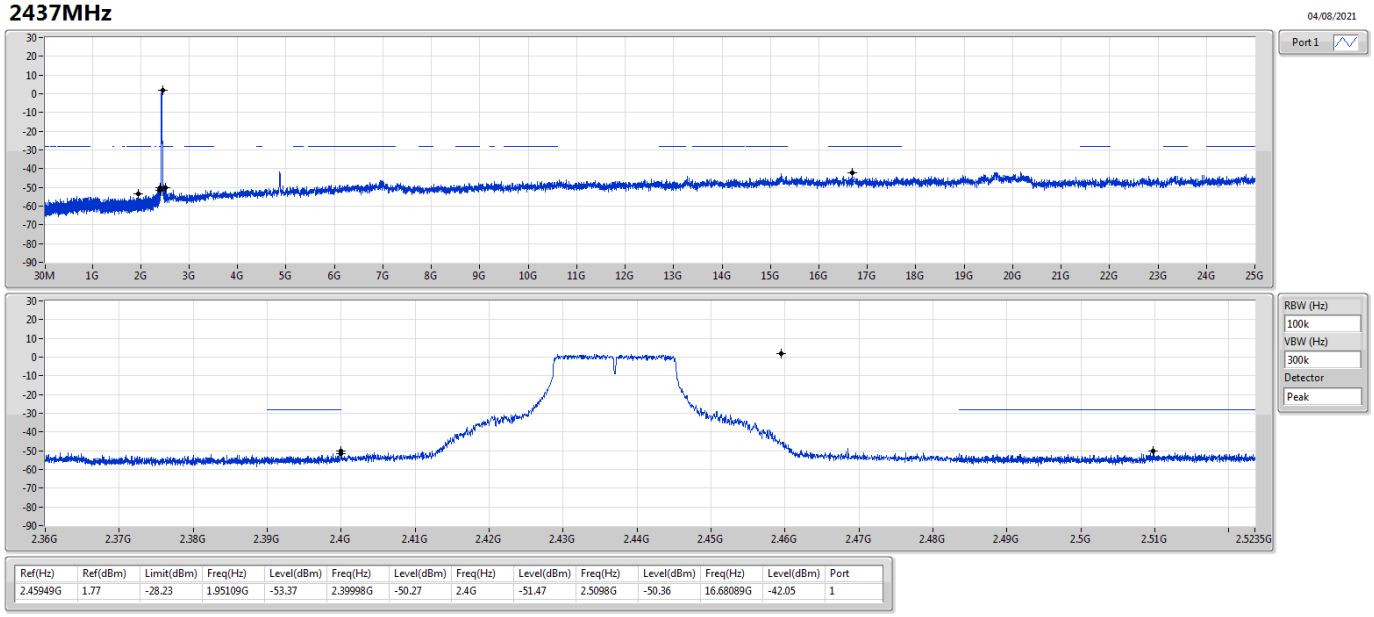
2412MHz



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
2.45949G	1.77	-28.23	2.30379G	-53.32	2.39862G	-30.26	2.4G	-32.00	2.49602G	-49.70	23.27212G	-43.26	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

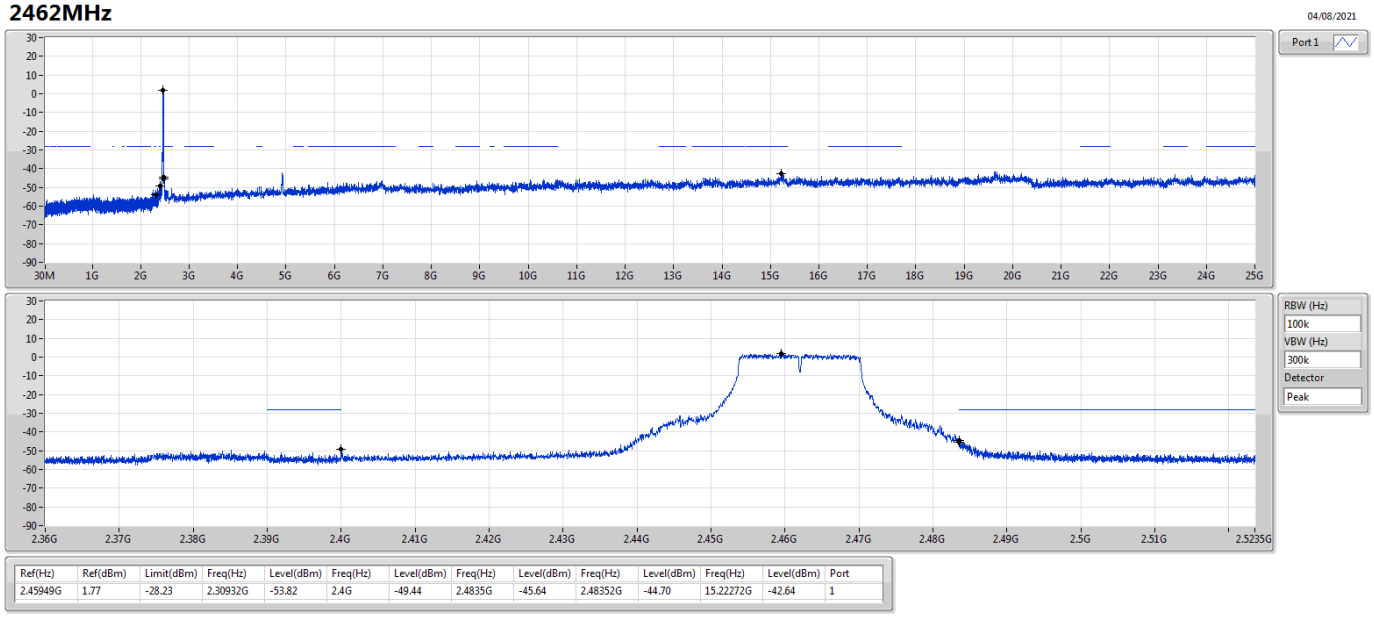
2437MHz



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
2.45949G	1.77	-28.23	1.95109G	-53.37	2.39998G	-50.27	2.4G	-51.47	2.5098G	-50.36	16.68089G	-42.05	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

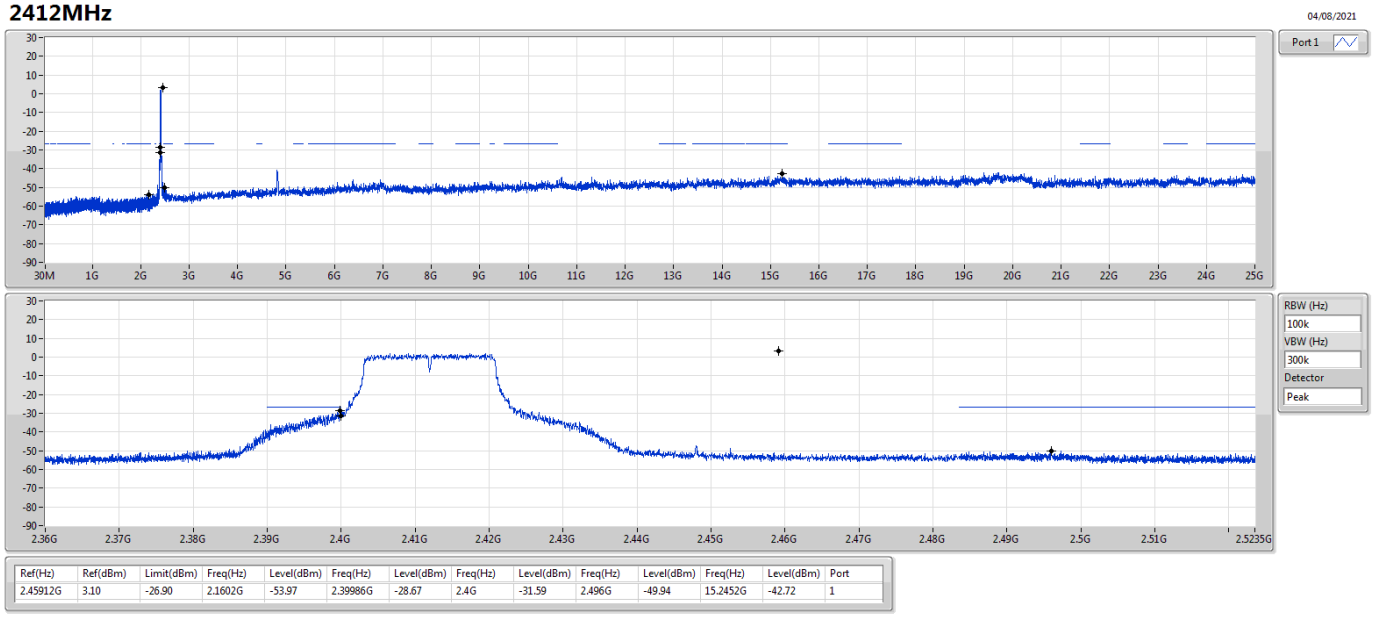
2462MHz



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
2.45949G	1.77	-28.23	2.30932G	-53.82	2.4G	-49.44	2.4835G	-45.64	2.48352G	-44.70	15.22272G	-42.64	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

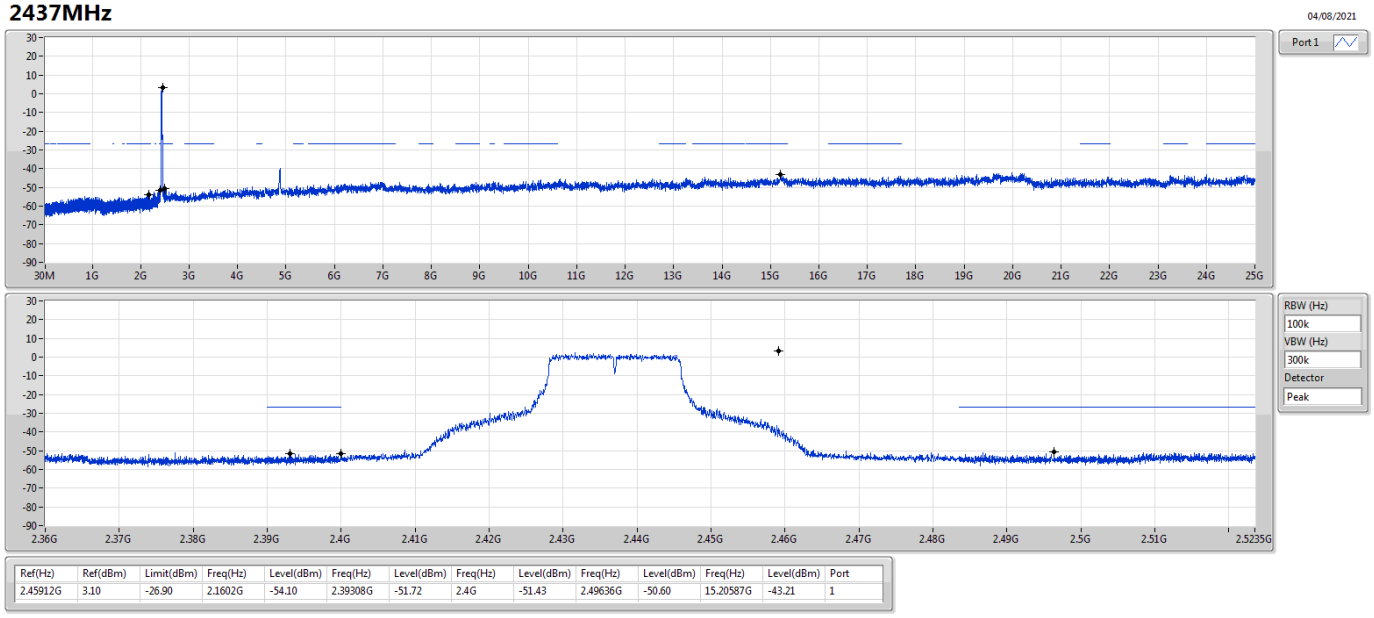
2412MHz



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
2.45912G	3.10	-26.90	2.1602G	-53.97	2.39986G	-28.67	2.4G	-31.59	2.496G	-49.94	15.2452G	-42.72	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

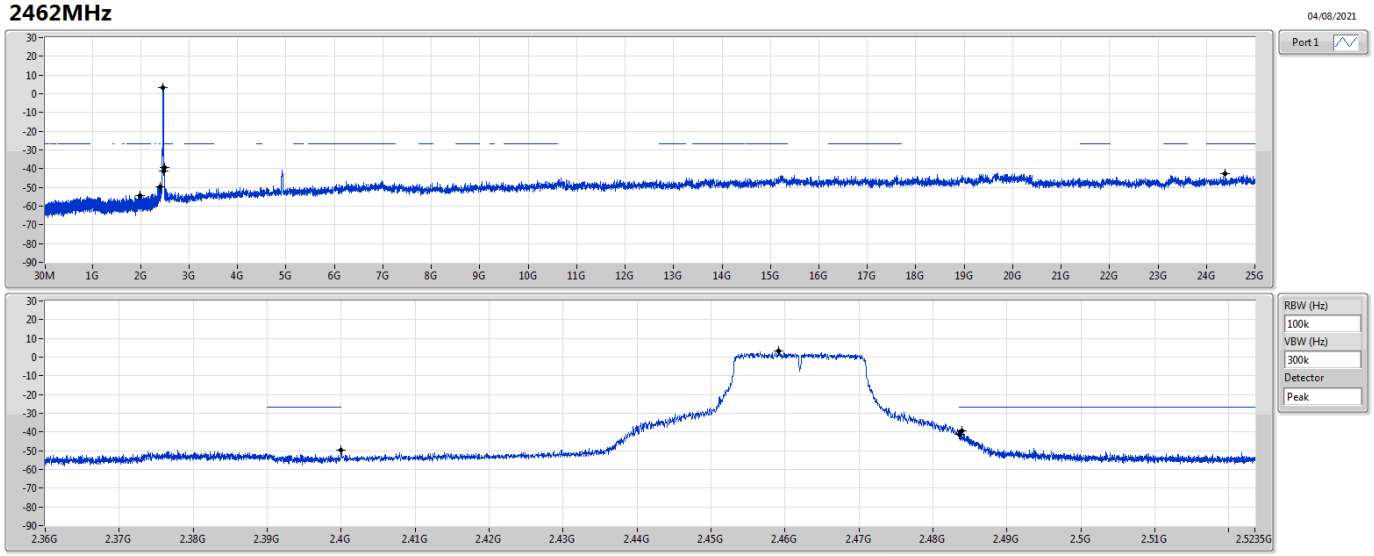
2437MHz



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
2.45912G	3.10	-26.90	2.1602G	-54.10	2.39308G	-51.72	2.4G	-51.43	2.49636G	-50.60	15.20587G	-43.21	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

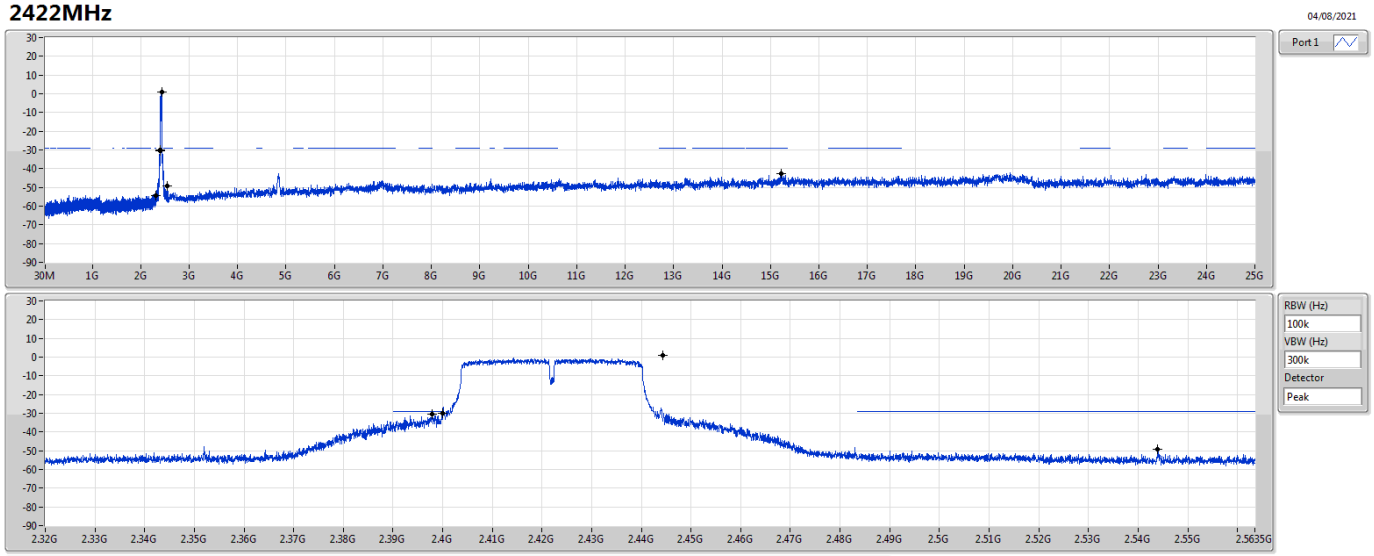
2462MHz



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
2.45912G	3.10	-26.90	1.98807G	-54.29	2.39996G	-49.60	2.4835G	-41.17	2.48386G	-39.15	24.37909G	-42.71	1

802.11n HT40_Nss1,(MCS0)_1TX **CSENdB**

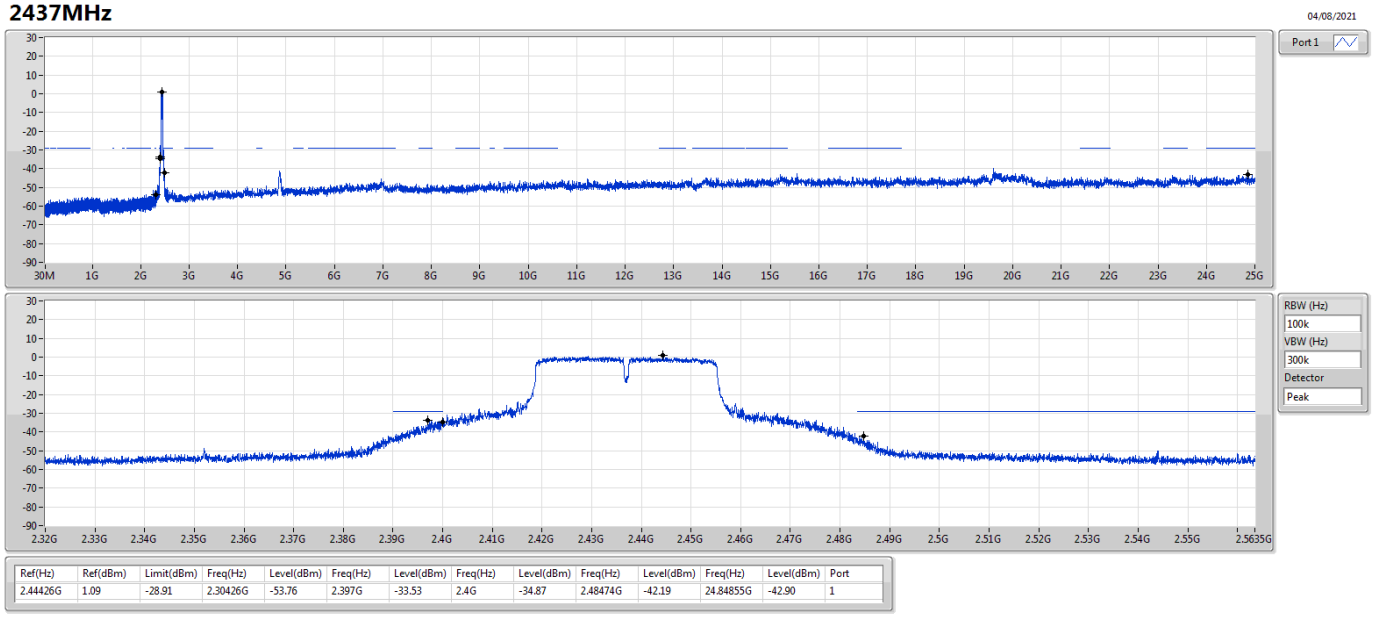
2422MHz



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	1.09	-28.91	2.30454G	-54.36	2.39788G	-30.24	2.4G	-30.02	2.54398G	-49.35	15.21488G	-42.73	1

802.11n HT40_Nss1,(MCS0)_1TX **CSENdB**

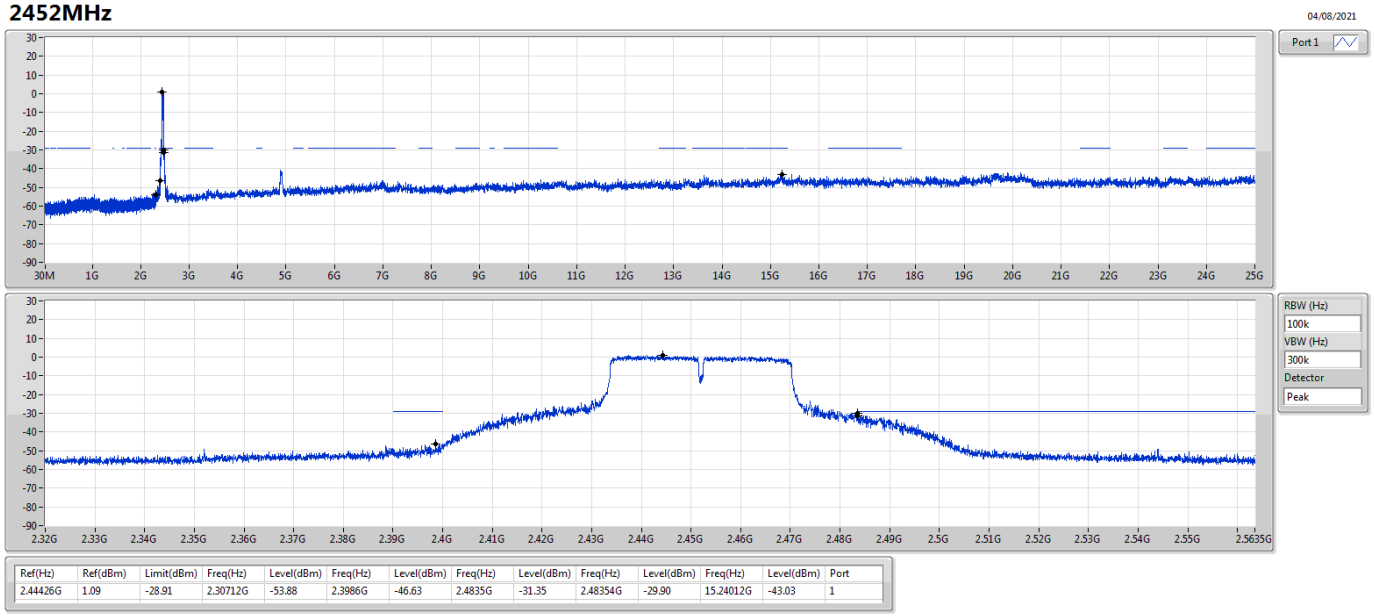
2437MHz



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	1.09	-28.91	2.30426G	-53.76	2.397G	-33.53	2.4G	-34.87	2.48474G	-42.19	24.84855G	-42.90	1

802.11n HT40_Nss1,(MCS0)_1TX **CSENdB**

2452MHz



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	1.09	-28.91	2.30712G	-53.88	2.3986G	-46.63	2.4835G	-31.35	2.48354G	-29.90	15.24012G	-43.03	1

Summary

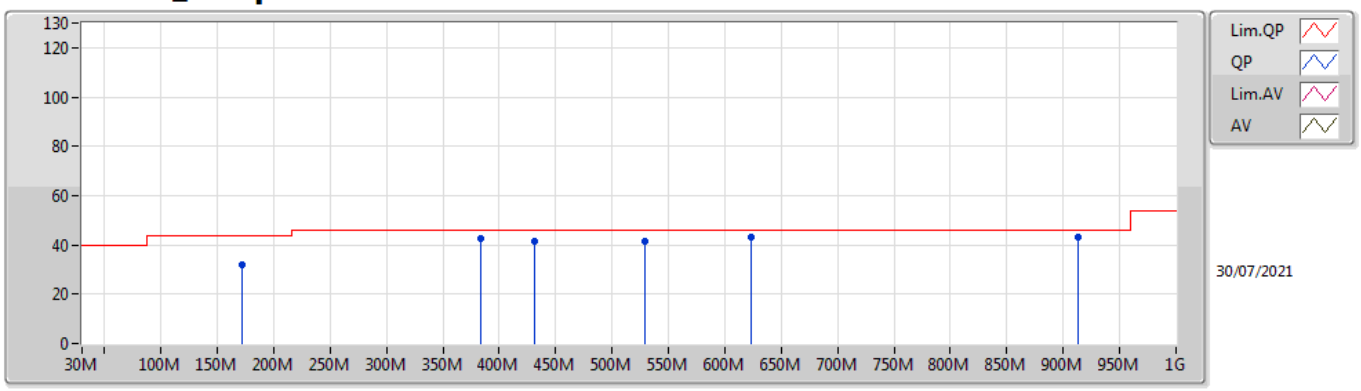
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	QP	912.7M	43.17	46.00	-2.83	3	Vertical	337	1.00	-

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	171.62M	31.72	43.50	-11.78	3	Vertical	0	1.00	-
2437MHz	Pass	PK	383.08M	42.61	46.00	-3.39	3	Vertical	0	1.00	-
2437MHz	Pass	QP	431.58M	41.19	46.00	-4.81	3	Vertical	103	1.27	-
2437MHz	Pass	QP	528.58M	41.57	46.00	-4.43	3	Vertical	345	1.00	-
2437MHz	Pass	QP	623.64M	42.91	46.00	-3.09	3	Vertical	10	1.02	-
2437MHz	Pass	QP	912.7M	43.17	46.00	-2.83	3	Vertical	337	1.00	-
2437MHz	Pass	PK	88M	32.77	43.50	-10.73	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	212.36M	34.28	43.50	-9.22	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	288.02M	38.41	46.00	-7.59	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	528.58M	42.08	46.00	-3.92	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	432.07M	42.93	46.00	-3.07	3	Horizontal	110	1.00	-
2437MHz	Pass	QP	731.05M	42.77	46.00	-3.23	3	Horizontal	227	1.00	-
2437MHz	Pass	PK	31.94M	30.49	40.00	-9.51	3	Vertical	0	1.00	-
2437MHz	Pass	PK	276.38M	34.13	46.00	-11.87	3	Vertical	0	1.00	-
2437MHz	Pass	PK	383.08M	36.16	46.00	-9.84	3	Vertical	0	1.00	-
2437MHz	Pass	PK	431.58M	40.05	46.00	-5.95	3	Vertical	0	1.00	-
2437MHz	Pass	PK	528.58M	41.35	46.00	-4.65	3	Vertical	0	1.00	-
2437MHz	Pass	PK	623.64M	41.27	46.00	-4.73	3	Vertical	0	1.00	-
2437MHz	Pass	PK	169.68M	34.45	43.50	-9.05	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	210.42M	35.98	43.50	-7.52	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	276.38M	36.92	46.00	-9.08	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	431.58M	42.42	46.00	-3.58	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	623.64M	42.88	46.00	-3.12	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	720.64M	39.44	46.00	-6.56	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

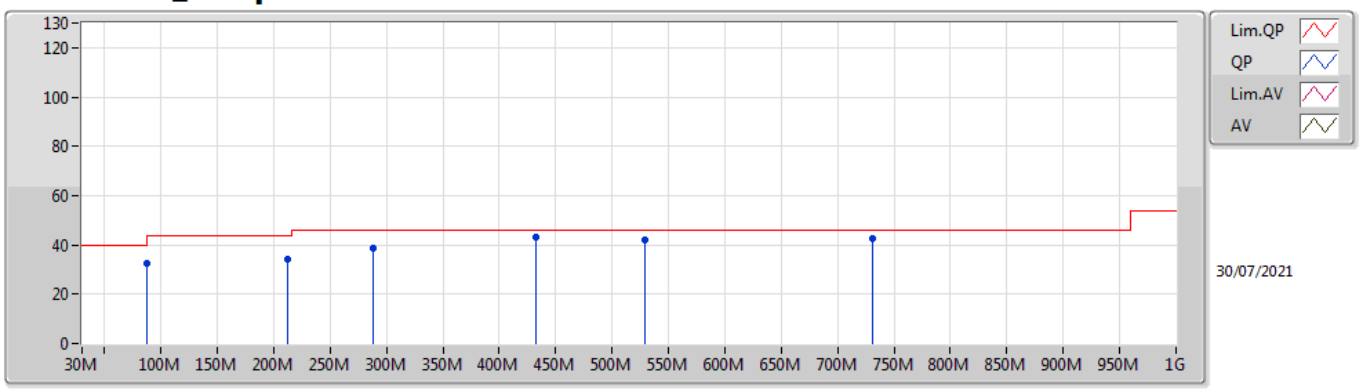
2437MHz_Adapter



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)
PK	171.62M	31.72	43.50	-11.78	-10.14	3	Vertical	0	1.00	-	41.86	14.83	2.20	27.17
PK	383.08M	42.61	46.00	-3.39	-3.49	3	Vertical	0	1.00	-	46.10	20.28	3.39	27.16
QP	431.58M	41.19	46.00	-4.81	-2.14	3	Vertical	103	1.27	-	43.33	21.82	3.60	27.56
QP	528.58M	41.57	46.00	-4.43	-1.02	3	Vertical	345	1.00	-	42.59	22.93	3.99	27.94
QP	623.64M	42.91	46.00	-3.09	0.63	3	Vertical	10	1.02	-	42.28	24.31	4.41	28.09
QP	912.7M	43.17	46.00	-2.83	3.57	3	Vertical	337	1.00	-	39.60	25.71	5.42	27.56

802.11n HT40_Nss1,(MCS0)_1TX

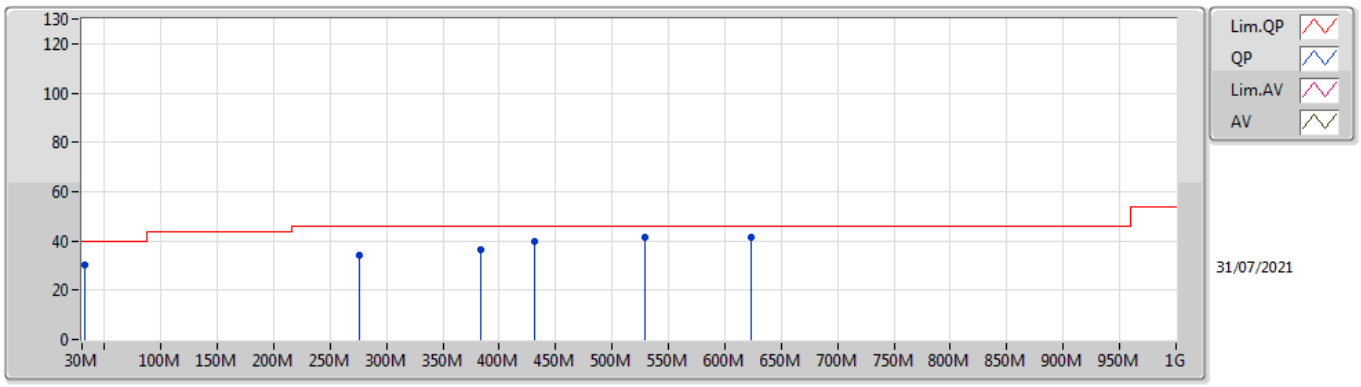
2437MHz_Adapter



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)
PK	88M	32.77	43.50	-10.73	-12.20	3	Horizontal	0	1.00	-	44.97	13.71	1.58	27.49
PK	212.36M	34.28	43.50	-9.22	-10.36	3	Horizontal	0	1.00	-	44.64	14.14	2.47	26.97
PK	288.02M	38.41	46.00	-7.59	-5.75	3	Horizontal	0	1.00	-	44.16	18.16	2.86	26.77
PK	528.58M	42.08	46.00	-3.92	-1.02	3	Horizontal	0	1.00	-	43.10	22.93	3.99	27.94
QP	432.07M	42.93	46.00	-3.07	-2.15	3	Horizontal	110	1.00	-	45.08	21.82	3.60	27.57
QP	731.05M	42.77	46.00	-3.23	1.41	3	Horizontal	227	1.00	-	41.36	24.68	4.74	28.01

802.11n HT40_Nss1,(MCS0)_1TX

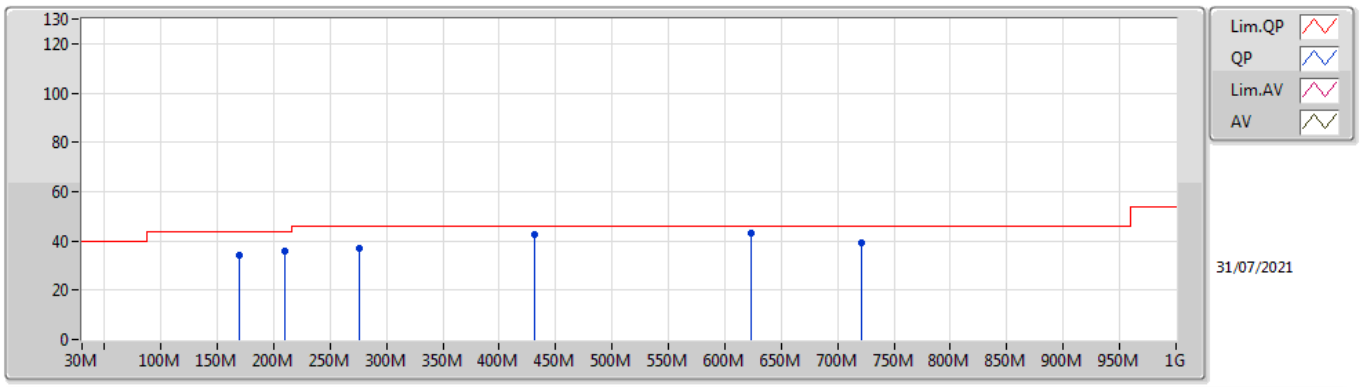
2437MHz_USB



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)
PK	31.94M	30.49	40.00	-9.51	-4.67	3	Vertical	0	1.00	-	35.16	22.03	0.93	27.63
PK	276.38M	34.13	46.00	-11.87	-5.95	3	Vertical	0	1.00	-	40.08	18.01	2.80	26.76
PK	383.08M	36.16	46.00	-9.84	-3.49	3	Vertical	0	1.00	-	39.65	20.28	3.39	27.16
PK	431.58M	40.05	46.00	-5.95	-2.14	3	Vertical	0	1.00	-	42.19	21.82	3.60	27.56
PK	528.58M	41.35	46.00	-4.65	-1.02	3	Vertical	0	1.00	-	42.37	22.93	3.99	27.94
PK	623.64M	41.27	46.00	-4.73	0.63	3	Vertical	0	1.00	-	40.64	24.31	4.41	28.09

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_USB



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)
PK	169.68M	34.45	43.50	-9.05	-10.13	3	Horizontal	360	1.00	-	44.58	14.85	2.19	27.17
PK	210.42M	35.98	43.50	-7.52	-10.31	3	Horizontal	360	1.00	-	46.29	14.21	2.46	26.98
PK	276.38M	36.92	46.00	-9.08	-5.95	3	Horizontal	360	1.00	-	42.87	18.01	2.80	26.76
PK	431.58M	42.42	46.00	-3.58	-2.14	3	Horizontal	360	1.00	-	44.56	21.82	3.60	27.56
PK	623.64M	42.88	46.00	-3.12	0.63	3	Horizontal	360	1.00	-	42.25	24.31	4.41	28.09
PK	720.64M	39.44	46.00	-6.56	1.10	3	Horizontal	360	1.00	-	38.34	24.42	4.70	28.02

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.87408G	53.74	54.00	-0.26	3	Horizontal	203	1.02	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	4.87418G	53.65	54.00	-0.35	3	Horizontal	192	1.14	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	4.874G	53.53	54.00	-0.47	3	Horizontal	198	1.07	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	4.84408G	53.85	54.00	-0.15	3	Horizontal	152	1.02	-

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	47.45	54.00	-6.55	3	Vertical	74	2.33	-
2412MHz	Pass	AV	2.4128G	81.89	Inf	-Inf	3	Vertical	74	2.33	-
2412MHz	Pass	PK	2.3782G	59.77	74.00	-14.23	3	Vertical	74	2.33	-
2412MHz	Pass	PK	2.4122G	84.80	Inf	-Inf	3	Vertical	74	2.33	-
2412MHz	Pass	AV	2.3884G	47.44	54.00	-6.56	3	Horizontal	229	1.58	-
2412MHz	Pass	AV	2.4128G	86.67	Inf	-Inf	3	Horizontal	229	1.58	-
2412MHz	Pass	PK	2.3718G	59.97	74.00	-14.03	3	Horizontal	229	1.58	-
2412MHz	Pass	PK	2.4122G	89.44	Inf	-Inf	3	Horizontal	229	1.58	-
2412MHz	Pass	AV	4.82408G	50.19	54.00	-3.81	3	Vertical	103	1.13	-
2412MHz	Pass	PK	4.82416G	54.16	74.00	-19.84	3	Vertical	103	1.13	-
2412MHz	Pass	AV	4.824G	53.43	54.00	-0.57	3	Horizontal	204	1.04	-
2412MHz	Pass	PK	4.82404G	56.27	74.00	-17.73	3	Horizontal	204	1.04	-
2417MHz	Pass	AV	2.39G	47.45	54.00	-6.55	3	Vertical	82	1.53	-
2417MHz	Pass	AV	2.4178G	82.82	Inf	-Inf	3	Vertical	82	1.53	-
2417MHz	Pass	PK	2.3774G	60.32	74.00	-13.68	3	Vertical	82	1.53	-
2417MHz	Pass	PK	2.417G	85.89	Inf	-Inf	3	Vertical	82	1.53	-
2417MHz	Pass	AV	2.39G	47.45	54.00	-6.55	3	Horizontal	300	2.51	-
2417MHz	Pass	AV	2.4162G	85.12	Inf	-Inf	3	Horizontal	300	2.51	-
2417MHz	Pass	PK	2.3874G	59.72	74.00	-14.28	3	Horizontal	300	2.51	-
2417MHz	Pass	PK	2.417G	88.18	Inf	-Inf	3	Horizontal	300	2.51	-
2417MHz	Pass	AV	4.834G	52.12	54.00	-1.88	3	Vertical	178	1.59	-
2417MHz	Pass	AV	7.26036G	38.98	54.00	-15.02	3	Vertical	300	1.59	-
2417MHz	Pass	PK	4.834G	55.01	74.00	-18.99	3	Vertical	178	1.59	-
2417MHz	Pass	PK	7.25364G	51.46	74.00	-22.54	3	Vertical	300	1.59	-
2417MHz	Pass	AV	4.834G	53.44	54.00	-0.56	3	Horizontal	198	1.08	-
2417MHz	Pass	AV	7.2591G	39.12	54.00	-14.88	3	Horizontal	17	1.50	-
2417MHz	Pass	PK	4.83388G	56.05	74.00	-17.95	3	Horizontal	198	1.08	-
2417MHz	Pass	PK	7.25988G	51.58	74.00	-22.42	3	Horizontal	17	1.50	-
2437MHz	Pass	AV	2.337G	47.62	54.00	-6.38	3	Vertical	80	1.46	-
2437MHz	Pass	AV	2.4362G	83.56	Inf	-Inf	3	Vertical	80	1.46	-
2437MHz	Pass	AV	2.4978G	48.31	54.00	-5.69	3	Vertical	80	1.46	-
2437MHz	Pass	PK	2.347G	59.68	74.00	-14.32	3	Vertical	80	1.46	-
2437MHz	Pass	PK	2.437G	86.43	Inf	-Inf	3	Vertical	80	1.46	-
2437MHz	Pass	PK	2.497G	59.92	74.00	-14.08	3	Vertical	80	1.46	-
2437MHz	Pass	AV	2.337G	47.62	54.00	-6.38	3	Horizontal	208	2.82	-
2437MHz	Pass	AV	2.4362G	84.53	Inf	-Inf	3	Horizontal	208	2.82	-
2437MHz	Pass	AV	2.4986G	48.31	54.00	-5.69	3	Horizontal	208	2.82	-
2437MHz	Pass	PK	2.383G	59.98	74.00	-14.02	3	Horizontal	208	2.82	-
2437MHz	Pass	PK	2.437G	87.40	Inf	-Inf	3	Horizontal	208	2.82	-
2437MHz	Pass	PK	2.4998G	61.10	74.00	-12.90	3	Horizontal	208	2.82	-
2437MHz	Pass	AV	4.87408G	50.47	54.00	-3.53	3	Vertical	19	1.00	-
2437MHz	Pass	AV	7.31188G	42.58	54.00	-11.42	3	Vertical	97	1.86	-
2437MHz	Pass	PK	4.87396G	53.75	74.00	-20.25	3	Vertical	19	1.00	-
2437MHz	Pass	PK	7.30968G	52.72	74.00	-21.28	3	Vertical	97	1.86	-
2437MHz	Pass	AV	4.87408G	53.74	54.00	-0.26	3	Horizontal	203	1.02	-
2437MHz	Pass	AV	7.31192G	45.45	54.00	-8.55	3	Horizontal	204	1.02	-
2437MHz	Pass	PK	4.87404G	56.21	74.00	-17.79	3	Horizontal	203	1.02	-
2437MHz	Pass	PK	7.31164G	54.55	74.00	-19.45	3	Horizontal	204	1.02	-
2457MHz	Pass	AV	2.4562G	81.34	Inf	-Inf	3	Vertical	83	1.22	-
2457MHz	Pass	AV	2.4982G	48.31	54.00	-5.69	3	Vertical	83	1.22	-
2457MHz	Pass	PK	2.457G	84.36	Inf	-Inf	3	Vertical	83	1.22	-
2457MHz	Pass	PK	2.4858G	60.26	74.00	-13.74	3	Vertical	83	1.22	-
2457MHz	Pass	AV	2.4562G	82.86	Inf	-Inf	3	Horizontal	200	2.15	-
2457MHz	Pass	AV	2.4976G	48.31	54.00	-5.69	3	Horizontal	200	2.15	-
2457MHz	Pass	PK	2.457G	85.73	Inf	-Inf	3	Horizontal	200	2.15	-
2457MHz	Pass	PK	2.494G	60.44	74.00	-13.56	3	Horizontal	200	2.15	-
2457MHz	Pass	AV	4.914G	52.75	54.00	-1.25	3	Vertical	180	1.43	-
2457MHz	Pass	AV	7.37184G	41.62	54.00	-12.38	3	Vertical	111	2.72	-
2457MHz	Pass	PK	4.914G	55.63	74.00	-18.37	3	Vertical	180	1.43	-
2457MHz	Pass	PK	7.37196G	52.67	74.00	-21.33	3	Vertical	111	2.72	-

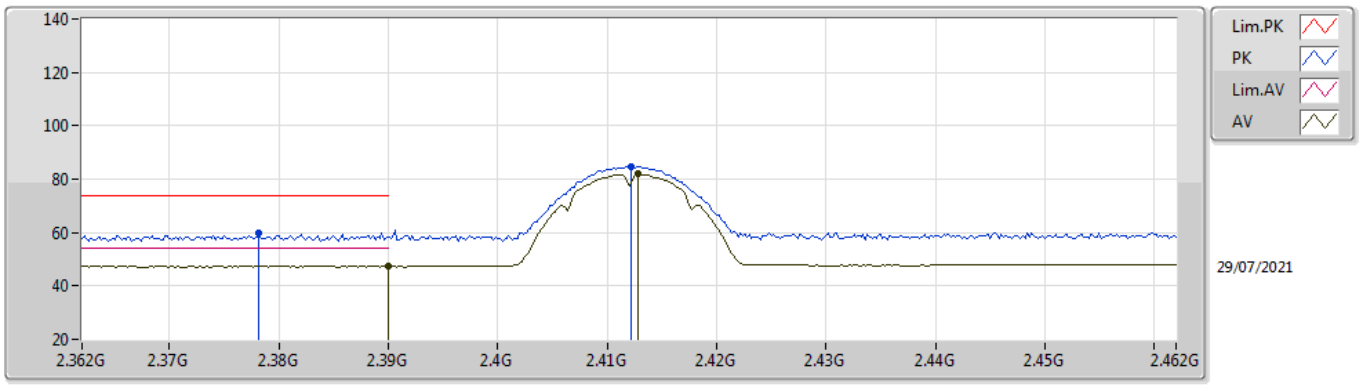
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	4.914G	53.18	54.00	-0.82	3	Horizontal	198	1.06	-
2457MHz	Pass	AV	7.37178G	43.19	54.00	-10.81	3	Horizontal	64	1.14	-
2457MHz	Pass	PK	4.914G	55.91	74.00	-18.09	3	Horizontal	198	1.06	-
2457MHz	Pass	PK	7.37022G	53.10	74.00	-20.90	3	Horizontal	64	1.14	-
2462MHz	Pass	AV	2.4628G	83.63	Inf	-Inf	3	Vertical	81	1.24	-
2462MHz	Pass	AV	2.4976G	48.31	54.00	-5.69	3	Vertical	81	1.24	-
2462MHz	Pass	PK	2.4622G	86.51	Inf	-Inf	3	Vertical	81	1.24	-
2462MHz	Pass	PK	2.487G	60.34	74.00	-13.66	3	Vertical	81	1.24	-
2462MHz	Pass	AV	2.4612G	85.07	Inf	-Inf	3	Horizontal	207	1.19	-
2462MHz	Pass	AV	2.4978G	48.31	54.00	-5.69	3	Horizontal	207	1.19	-
2462MHz	Pass	PK	2.462G	87.94	Inf	-Inf	3	Horizontal	207	1.19	-
2462MHz	Pass	PK	2.487G	60.70	74.00	-13.30	3	Horizontal	207	1.19	-
2462MHz	Pass	AV	4.924G	52.06	54.00	-1.94	3	Vertical	159	1.04	-
2462MHz	Pass	AV	7.3868G	40.92	54.00	-13.08	3	Vertical	92	1.47	-
2462MHz	Pass	PK	4.924G	54.97	74.00	-19.03	3	Vertical	159	1.04	-
2462MHz	Pass	PK	7.38672G	51.80	74.00	-22.20	3	Vertical	92	1.47	-
2462MHz	Pass	AV	4.92404G	53.28	54.00	-0.72	3	Horizontal	166	1.05	-
2462MHz	Pass	AV	7.38676G	47.13	54.00	-6.87	3	Horizontal	153	1.79	-
2462MHz	Pass	PK	4.92392G	56.03	74.00	-17.97	3	Horizontal	166	1.05	-
2462MHz	Pass	PK	7.3868G	54.71	74.00	-19.29	3	Horizontal	153	1.79	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.03	54.00	-5.97	3	Vertical	81	1.23	-
2412MHz	Pass	AV	2.4186G	78.68	Inf	-Inf	3	Vertical	81	1.23	-
2412MHz	Pass	PK	2.3848G	60.39	74.00	-13.61	3	Vertical	81	1.23	-
2412MHz	Pass	PK	2.4186G	86.84	Inf	-Inf	3	Vertical	81	1.23	-
2412MHz	Pass	AV	2.39G	48.03	54.00	-5.97	3	Horizontal	300	2.50	-
2412MHz	Pass	AV	2.4186G	80.61	Inf	-Inf	3	Horizontal	300	2.50	-
2412MHz	Pass	PK	2.3872G	60.21	74.00	-13.79	3	Horizontal	300	2.50	-
2412MHz	Pass	PK	2.4188G	88.83	Inf	-Inf	3	Horizontal	300	2.50	-
2412MHz	Pass	AV	4.82424G	52.26	54.00	-1.74	3	Vertical	180	1.42	-
2412MHz	Pass	PK	4.82478G	64.36	74.00	-9.64	3	Vertical	180	1.42	-
2412MHz	Pass	AV	4.82412G	53.25	54.00	-0.75	3	Horizontal	198	1.24	-
2412MHz	Pass	PK	4.82466G	65.38	74.00	-8.62	3	Horizontal	198	1.24	-
2437MHz	Pass	AV	2.337G	47.62	54.00	-6.38	3	Vertical	83	1.44	-
2437MHz	Pass	AV	2.4306G	77.96	Inf	-Inf	3	Vertical	83	1.44	-
2437MHz	Pass	AV	2.4978G	48.31	54.00	-5.69	3	Vertical	83	1.44	-
2437MHz	Pass	PK	2.3414G	60.01	74.00	-13.99	3	Vertical	83	1.44	-
2437MHz	Pass	PK	2.4306G	86.22	Inf	-Inf	3	Vertical	83	1.44	-
2437MHz	Pass	PK	2.4958G	60.07	74.00	-13.93	3	Vertical	83	1.44	-
2437MHz	Pass	AV	2.337G	47.62	54.00	-6.38	3	Horizontal	300	1.09	-
2437MHz	Pass	AV	2.4302G	79.32	Inf	-Inf	3	Horizontal	300	1.09	-
2437MHz	Pass	AV	2.4978G	48.31	54.00	-5.69	3	Horizontal	300	1.09	-
2437MHz	Pass	PK	2.3582G	60.26	74.00	-13.74	3	Horizontal	300	1.09	-
2437MHz	Pass	PK	2.4306G	87.57	Inf	-Inf	3	Horizontal	300	1.09	-
2437MHz	Pass	PK	2.493G	60.06	74.00	-13.94	3	Horizontal	300	1.09	-
2437MHz	Pass	AV	4.87418G	52.85	54.00	-1.15	3	Vertical	179	1.29	-
2437MHz	Pass	AV	7.30926G	42.24	54.00	-11.76	3	Vertical	96	1.92	-
2437MHz	Pass	PK	4.87028G	65.05	74.00	-8.95	3	Vertical	179	1.29	-
2437MHz	Pass	PK	7.30326G	54.97	74.00	-19.03	3	Vertical	96	1.92	-
2437MHz	Pass	AV	4.87418G	53.65	54.00	-0.35	3	Horizontal	192	1.14	-
2437MHz	Pass	AV	7.31034G	44.57	54.00	-9.43	3	Horizontal	70	1.99	-
2437MHz	Pass	PK	4.87466G	65.68	74.00	-8.32	3	Horizontal	192	1.14	-
2437MHz	Pass	PK	7.3128G	57.83	74.00	-16.17	3	Horizontal	70	1.99	-
2462MHz	Pass	AV	2.455G	77.52	Inf	-Inf	3	Vertical	83	1.35	-
2462MHz	Pass	AV	2.4976G	48.31	54.00	-5.69	3	Vertical	83	1.35	-
2462MHz	Pass	PK	2.4556G	85.79	Inf	-Inf	3	Vertical	83	1.35	-
2462MHz	Pass	PK	2.4988G	60.31	74.00	-13.69	3	Vertical	83	1.35	-
2462MHz	Pass	AV	2.4548G	77.99	Inf	-Inf	3	Horizontal	198	1.50	-
2462MHz	Pass	AV	2.4976G	48.31	54.00	-5.69	3	Horizontal	198	1.50	-
2462MHz	Pass	PK	2.4558G	86.30	Inf	-Inf	3	Horizontal	198	1.50	-
2462MHz	Pass	PK	2.4904G	60.35	74.00	-13.65	3	Horizontal	198	1.50	-
2462MHz	Pass	AV	4.92418G	53.41	54.00	-0.59	3	Vertical	180	1.44	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.38324G	43.07	54.00	-10.93	3	Vertical	111	2.80	-
2462MHz	Pass	PK	4.92034G	65.60	74.00	-8.40	3	Vertical	180	1.44	-
2462MHz	Pass	PK	7.38048G	56.01	74.00	-17.99	3	Vertical	111	2.80	-
2462MHz	Pass	AV	4.92412G	51.76	54.00	-2.24	3	Horizontal	178	1.50	-
2462MHz	Pass	AV	7.38318G	46.57	54.00	-7.43	3	Horizontal	64	1.07	-
2462MHz	Pass	PK	4.92484G	63.85	74.00	-10.15	3	Horizontal	178	1.50	-
2462MHz	Pass	PK	7.37988G	59.90	74.00	-14.10	3	Horizontal	64	1.07	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.30	54.00	-5.70	3	Vertical	81	1.22	-
2412MHz	Pass	AV	2.4174G	78.66	Inf	-Inf	3	Vertical	81	1.22	-
2412MHz	Pass	PK	2.39G	59.96	74.00	-14.04	3	Vertical	81	1.22	-
2412MHz	Pass	PK	2.4152G	86.76	Inf	-Inf	3	Vertical	81	1.22	-
2412MHz	Pass	AV	2.39G	48.57	54.00	-5.43	3	Horizontal	301	2.51	-
2412MHz	Pass	AV	2.4174G	80.64	Inf	-Inf	3	Horizontal	301	2.51	-
2412MHz	Pass	PK	2.3896G	60.44	74.00	-13.56	3	Horizontal	301	2.51	-
2412MHz	Pass	PK	2.4152G	88.75	Inf	-Inf	3	Horizontal	301	2.51	-
2412MHz	Pass	AV	4.82406G	51.98	54.00	-2.02	3	Vertical	180	1.59	-
2412MHz	Pass	PK	4.8231G	65.15	74.00	-8.85	3	Vertical	180	1.59	-
2412MHz	Pass	AV	4.824G	53.32	54.00	-0.68	3	Horizontal	198	1.24	-
2412MHz	Pass	PK	4.82316G	66.56	74.00	-7.44	3	Horizontal	198	1.24	-
2437MHz	Pass	AV	2.337G	47.62	54.00	-6.38	3	Vertical	83	1.44	-
2437MHz	Pass	AV	2.4302G	77.89	Inf	-Inf	3	Vertical	83	1.44	-
2437MHz	Pass	AV	2.4978G	48.31	54.00	-5.69	3	Vertical	83	1.44	-
2437MHz	Pass	PK	2.359G	59.83	74.00	-14.17	3	Vertical	83	1.44	-
2437MHz	Pass	PK	2.4322G	86.30	Inf	-Inf	3	Vertical	83	1.44	-
2437MHz	Pass	PK	2.4974G	60.60	74.00	-13.40	3	Vertical	83	1.44	-
2437MHz	Pass	AV	2.337G	47.62	54.00	-6.38	3	Horizontal	302	1.07	-
2437MHz	Pass	AV	2.4302G	79.17	Inf	-Inf	3	Horizontal	302	1.07	-
2437MHz	Pass	AV	2.4978G	48.31	54.00	-5.69	3	Horizontal	302	1.07	-
2437MHz	Pass	PK	2.3894G	59.95	74.00	-14.05	3	Horizontal	302	1.07	-
2437MHz	Pass	PK	2.4322G	87.39	Inf	-Inf	3	Horizontal	302	1.07	-
2437MHz	Pass	PK	2.497G	61.02	74.00	-12.98	3	Horizontal	302	1.07	-
2437MHz	Pass	AV	4.874G	52.61	54.00	-1.39	3	Vertical	179	1.30	-
2437MHz	Pass	AV	7.31532G	41.71	54.00	-12.29	3	Vertical	96	1.76	-
2437MHz	Pass	PK	4.87316G	66.07	74.00	-7.93	3	Vertical	179	1.30	-
2437MHz	Pass	PK	7.31772G	55.65	74.00	-18.35	3	Vertical	96	1.76	-
2437MHz	Pass	AV	4.874G	53.53	54.00	-0.47	3	Horizontal	198	1.07	-
2437MHz	Pass	AV	7.3116G	43.96	54.00	-10.04	3	Horizontal	64	1.01	-
2437MHz	Pass	PK	4.87214G	66.93	74.00	-7.07	3	Horizontal	198	1.07	-
2437MHz	Pass	PK	7.31772G	58.30	74.00	-15.70	3	Horizontal	64	1.01	-
2462MHz	Pass	AV	2.455G	77.22	Inf	-Inf	3	Vertical	83	1.35	-
2462MHz	Pass	AV	2.4976G	48.31	54.00	-5.69	3	Vertical	83	1.35	-
2462MHz	Pass	PK	2.4552G	85.41	Inf	-Inf	3	Vertical	83	1.35	-
2462MHz	Pass	PK	2.4982G	60.75	74.00	-13.25	3	Vertical	83	1.35	-
2462MHz	Pass	AV	2.455G	79.12	Inf	-Inf	3	Horizontal	299	2.95	-
2462MHz	Pass	AV	2.4978G	48.31	54.00	-5.69	3	Horizontal	299	2.95	-
2462MHz	Pass	PK	2.454G	87.24	Inf	-Inf	3	Horizontal	299	2.95	-
2462MHz	Pass	PK	2.4912G	60.43	74.00	-13.57	3	Horizontal	299	2.95	-
2462MHz	Pass	AV	4.924G	52.63	54.00	-1.37	3	Vertical	180	1.44	-
2462MHz	Pass	AV	7.3818G	43.10	54.00	-10.90	3	Vertical	112	2.73	-
2462MHz	Pass	PK	4.92304G	66.04	74.00	-7.96	3	Vertical	180	1.44	-
2462MHz	Pass	PK	7.39272G	57.23	74.00	-16.77	3	Vertical	112	2.73	-
2462MHz	Pass	AV	4.92394G	53.27	54.00	-0.73	3	Horizontal	190	1.14	-
2462MHz	Pass	AV	7.38192G	46.03	54.00	-7.97	3	Horizontal	71	1.97	-
2462MHz	Pass	PK	4.9231G	66.76	74.00	-7.24	3	Horizontal	190	1.14	-
2462MHz	Pass	PK	7.3929G	60.24	74.00	-13.76	3	Horizontal	71	1.97	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	49.43	54.00	-4.57	3	Vertical	194	2.56	-
2422MHz	Pass	AV	2.4164G	78.34	Inf	-Inf	3	Vertical	194	2.56	-
2422MHz	Pass	AV	2.498G	48.42	54.00	-5.58	3	Vertical	194	2.56	-
2422MHz	Pass	PK	2.3888G	61.66	74.00	-12.34	3	Vertical	194	2.56	-
2422MHz	Pass	PK	2.4144G	87.04	Inf	-Inf	3	Vertical	194	2.56	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.4912G	61.03	74.00	-12.97	3	Vertical	194	2.56	-
2422MHz	Pass	AV	2.3896G	49.90	54.00	-4.10	3	Horizontal	209	1.11	-
2422MHz	Pass	AV	2.4312G	79.07	Inf	-Inf	3	Horizontal	209	1.11	-
2422MHz	Pass	AV	2.4976G	48.42	54.00	-5.58	3	Horizontal	209	1.11	-
2422MHz	Pass	PK	2.3876G	63.31	74.00	-10.69	3	Horizontal	209	1.11	-
2422MHz	Pass	PK	2.432G	87.90	Inf	-Inf	3	Horizontal	209	1.11	-
2422MHz	Pass	PK	2.4944G	60.62	74.00	-13.38	3	Horizontal	209	1.11	-
2422MHz	Pass	AV	4.84416G	51.64	54.00	-2.36	3	Vertical	180	1.11	-
2422MHz	Pass	AV	7.2692G	40.36	54.00	-13.64	3	Vertical	195	2.73	-
2422MHz	Pass	PK	4.84464G	63.11	74.00	-10.89	3	Vertical	180	1.11	-
2422MHz	Pass	PK	7.2888G	52.82	74.00	-21.18	3	Vertical	195	2.73	-
2422MHz	Pass	AV	4.84408G	53.85	54.00	-0.15	3	Horizontal	152	1.02	-
2422MHz	Pass	AV	7.26952G	42.99	54.00	-11.01	3	Horizontal	164	1.73	-
2422MHz	Pass	PK	4.84456G	65.52	74.00	-8.48	3	Horizontal	152	1.02	-
2422MHz	Pass	PK	7.26392G	57.02	74.00	-16.98	3	Horizontal	164	1.73	-
2437MHz	Pass	AV	2.3886G	48.13	54.00	-5.87	3	Vertical	186	1.50	-
2437MHz	Pass	AV	2.4326G	78.83	Inf	-Inf	3	Vertical	186	1.50	-
2437MHz	Pass	AV	2.4978G	48.42	54.00	-5.58	3	Vertical	186	1.50	-
2437MHz	Pass	PK	2.3466G	60.49	74.00	-13.51	3	Vertical	186	1.50	-
2437MHz	Pass	PK	2.4294G	87.75	Inf	-Inf	3	Vertical	186	1.50	-
2437MHz	Pass	PK	2.4874G	60.95	74.00	-13.05	3	Vertical	186	1.50	-
2437MHz	Pass	AV	2.3898G	48.41	54.00	-5.59	3	Horizontal	207	1.11	-
2437MHz	Pass	AV	2.429G	79.09	Inf	-Inf	3	Horizontal	207	1.11	-
2437MHz	Pass	AV	2.4978G	48.42	54.00	-5.58	3	Horizontal	207	1.11	-
2437MHz	Pass	PK	2.3462G	60.43	74.00	-13.57	3	Horizontal	207	1.11	-
2437MHz	Pass	PK	2.4294G	88.01	Inf	-Inf	3	Horizontal	207	1.11	-
2437MHz	Pass	PK	2.4858G	60.81	74.00	-13.19	3	Horizontal	207	1.11	-
2437MHz	Pass	AV	4.874G	52.77	54.00	-1.23	3	Vertical	180	1.00	-
2437MHz	Pass	AV	7.3174G	40.22	54.00	-13.78	3	Vertical	196	2.70	-
2437MHz	Pass	PK	4.8744G	63.85	74.00	-10.15	3	Vertical	180	1.00	-
2437MHz	Pass	PK	7.3206G	53.35	74.00	-20.65	3	Vertical	196	2.70	-
2437MHz	Pass	AV	4.874G	53.50	54.00	-0.50	3	Horizontal	144	1.18	-
2437MHz	Pass	AV	7.3146G	45.83	54.00	-8.17	3	Horizontal	164	1.87	-
2437MHz	Pass	PK	4.8744G	64.43	74.00	-9.57	3	Horizontal	144	1.18	-
2437MHz	Pass	PK	7.3134G	57.60	74.00	-16.40	3	Horizontal	164	1.87	-
2452MHz	Pass	AV	2.3884G	47.84	54.00	-6.16	3	Vertical	66	1.90	-
2452MHz	Pass	AV	2.4388G	77.58	Inf	-Inf	3	Vertical	66	1.90	-
2452MHz	Pass	AV	2.4904G	48.68	54.00	-5.32	3	Vertical	66	1.90	-
2452MHz	Pass	PK	2.358G	59.88	74.00	-14.12	3	Vertical	66	1.90	-
2452MHz	Pass	PK	2.4372G	86.41	Inf	-Inf	3	Vertical	66	1.90	-
2452MHz	Pass	PK	2.4844G	61.35	74.00	-12.65	3	Vertical	66	1.90	-
2452MHz	Pass	AV	2.39G	47.85	54.00	-6.15	3	Horizontal	208	1.00	-
2452MHz	Pass	AV	2.444G	79.04	Inf	-Inf	3	Horizontal	208	1.00	-
2452MHz	Pass	AV	2.4852G	48.66	54.00	-5.34	3	Horizontal	208	1.00	-
2452MHz	Pass	PK	2.358G	60.23	74.00	-13.77	3	Horizontal	208	1.00	-
2452MHz	Pass	PK	2.4444G	88.04	Inf	-Inf	3	Horizontal	208	1.00	-
2452MHz	Pass	PK	2.496G	60.63	74.00	-13.37	3	Horizontal	208	1.00	-
2452MHz	Pass	AV	4.9042G	52.94	54.00	-1.06	3	Vertical	181	1.00	-
2452MHz	Pass	AV	7.351G	40.33	54.00	-13.67	3	Vertical	196	2.71	-
2452MHz	Pass	PK	4.9046G	64.06	74.00	-9.94	3	Vertical	181	1.00	-
2452MHz	Pass	PK	7.3734G	52.60	74.00	-21.40	3	Vertical	196	2.71	-
2452MHz	Pass	AV	4.904G	53.73	54.00	-0.27	3	Horizontal	166	1.27	-
2452MHz	Pass	AV	7.3514G	46.78	54.00	-7.22	3	Horizontal	190	1.50	-
2452MHz	Pass	PK	4.9046G	64.95	74.00	-9.05	3	Horizontal	166	1.27	-
2452MHz	Pass	PK	7.3468G	58.79	74.00	-15.21	3	Horizontal	190	1.50	-

802.11b_Nss1,(1Mbps)_1TX

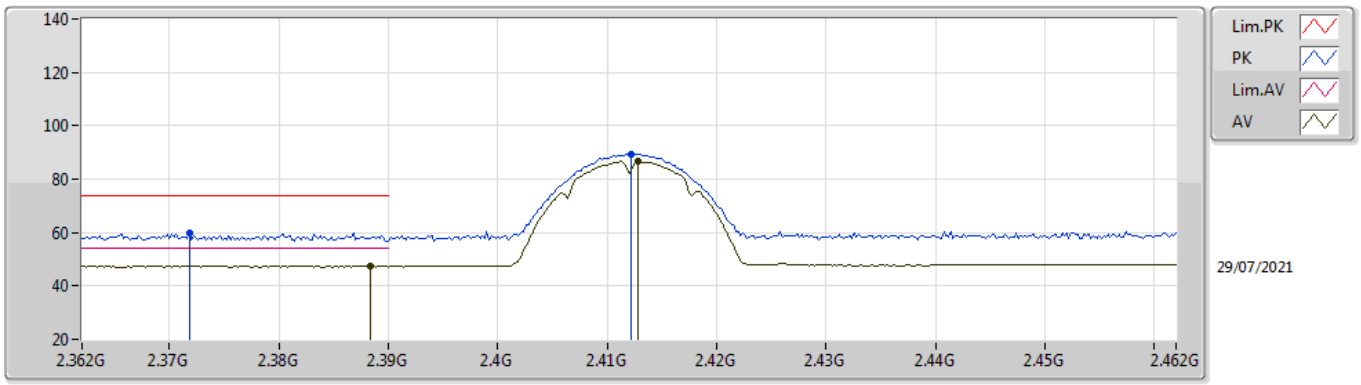
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.45	54.00	-6.55	31.93	3	Vertical	74	2.33	-	15.52	27.64	4.29	-
AV	2.4128G	81.89	Inf	-Inf	31.91	3	Vertical	74	2.33	-	49.98	27.60	4.31	-
PK	2.3782G	59.77	74.00	-14.23	31.97	3	Vertical	74	2.33	-	27.80	27.69	4.28	-
PK	2.4122G	84.80	Inf	-Inf	31.91	3	Vertical	74	2.33	-	52.89	27.60	4.31	-

802.11b_Nss1,(1Mbps)_1TX

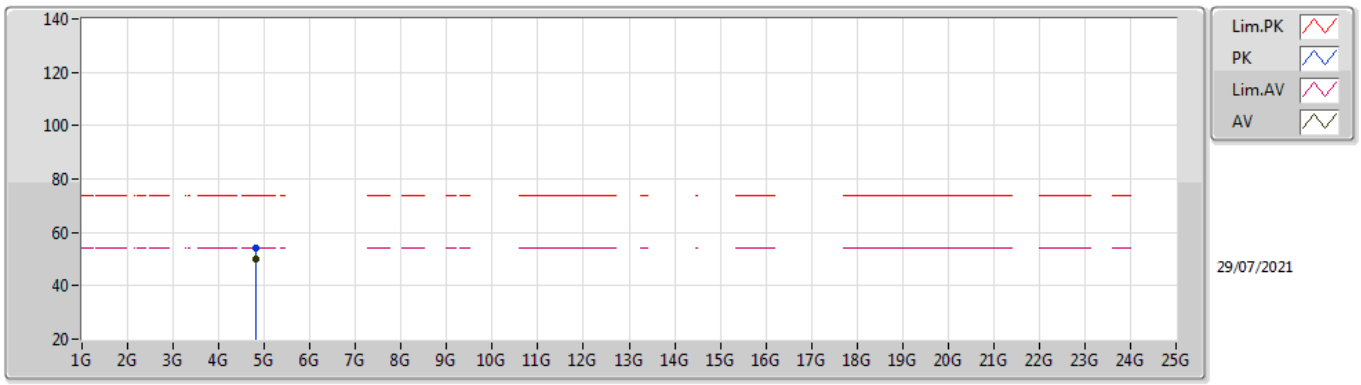
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3884G	47.44	54.00	-6.56	31.94	3	Horizontal	229	1.58	-	15.50	27.65	4.29	-
AV	2.4128G	86.67	Inf	-Inf	31.91	3	Horizontal	229	1.58	-	54.76	27.60	4.31	-
PK	2.3718G	59.97	74.00	-14.03	31.98	3	Horizontal	229	1.58	-	27.99	27.71	4.27	-
PK	2.4122G	89.44	Inf	-Inf	31.91	3	Horizontal	229	1.58	-	57.53	27.60	4.31	-

802.11b_Nss1,(1Mbps)_1TX

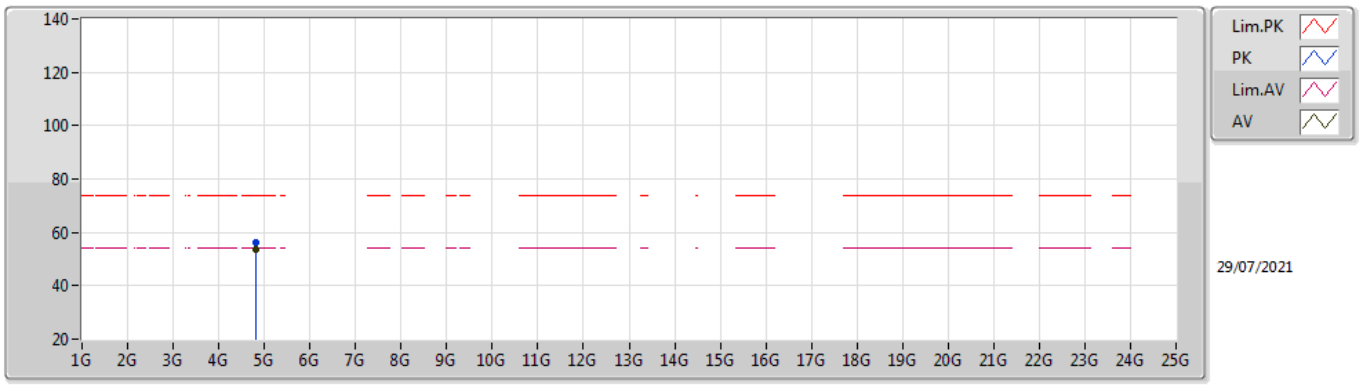
2412MHz_TX



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	4.82408G	50.19	54.00	-3.81	8.44	3	Vertical	103	1.13	-	41.75	31.15	6.52	29.23
PK	4.82416G	54.16	74.00	-19.84	8.44	3	Vertical	103	1.13	-	45.72	31.15	6.52	29.23

802.11b_Nss1,(1Mbps)_1TX

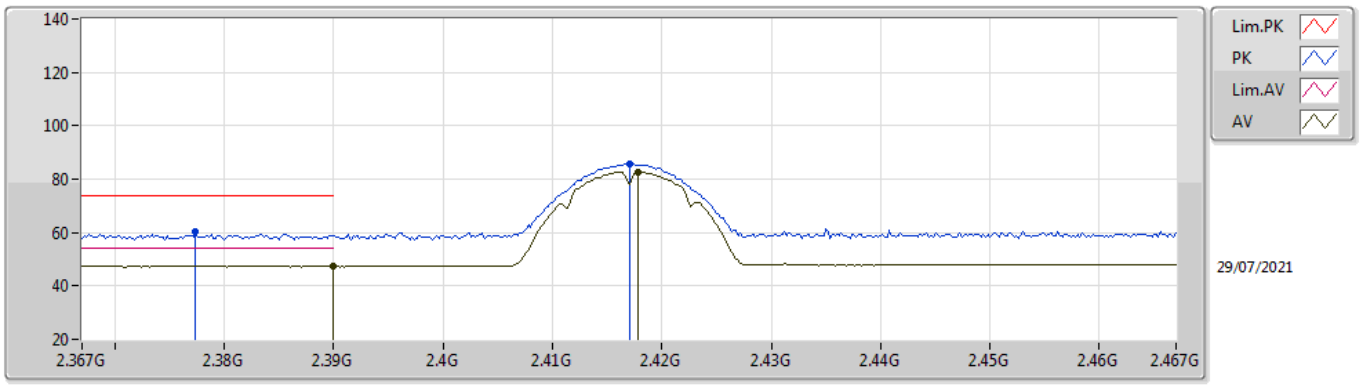
2412MHz_TX



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	53.43	54.00	-0.57	8.44	3	Horizontal	204	1.04	-	44.99	31.15	6.52	29.23
PK	4.82404G	56.27	74.00	-17.73	8.44	3	Horizontal	204	1.04	-	47.83	31.15	6.52	29.23

802.11b_Nss1,(1Mbps)_1TX

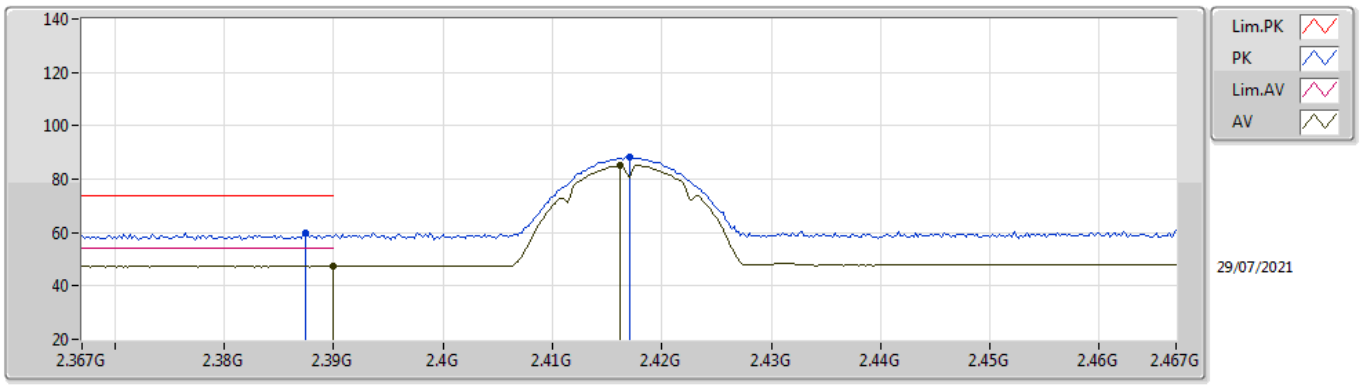
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.45	54.00	-6.55	31.93	3	Vertical	82	1.53	-	15.52	27.64	4.29	-
AV	2.4178G	82.82	Inf	-Inf	31.92	3	Vertical	82	1.53	-	50.90	27.60	4.32	-
PK	2.3774G	60.32	74.00	-13.68	31.97	3	Vertical	82	1.53	-	28.35	27.69	4.28	-
PK	2.417G	85.89	Inf	-Inf	31.92	3	Vertical	82	1.53	-	53.97	27.60	4.32	-

802.11b_Nss1,(1Mbps)_1TX

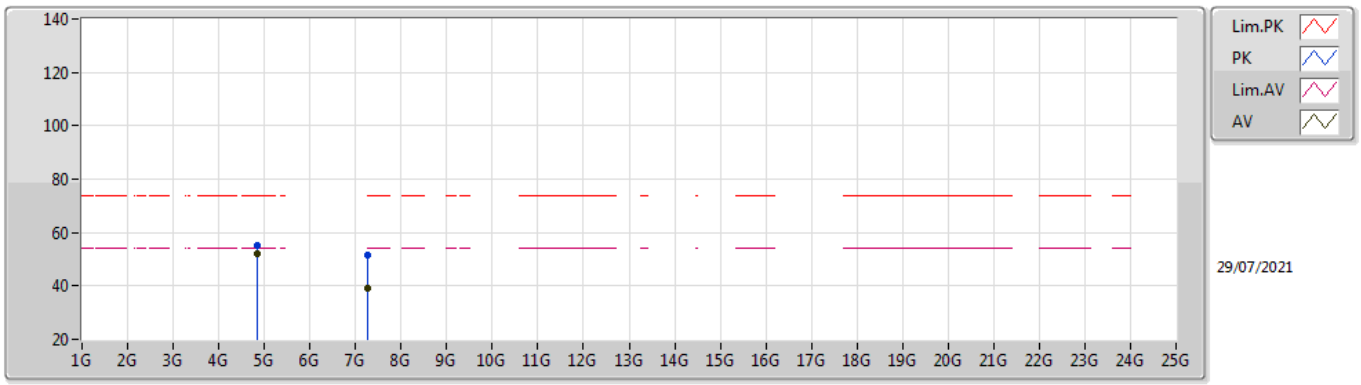
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.45	54.00	-6.55	31.93	3	Horizontal	300	2.51	-	15.52	27.64	4.29	-
AV	2.4162G	85.12	Inf	-Inf	31.92	3	Horizontal	300	2.51	-	53.20	27.60	4.32	-
PK	2.3874G	59.72	74.00	-14.28	31.94	3	Horizontal	300	2.51	-	27.78	27.65	4.29	-
PK	2.417G	88.18	Inf	-Inf	31.92	3	Horizontal	300	2.51	-	56.26	27.60	4.32	-

802.11b_Nss1,(1Mbps)_1TX

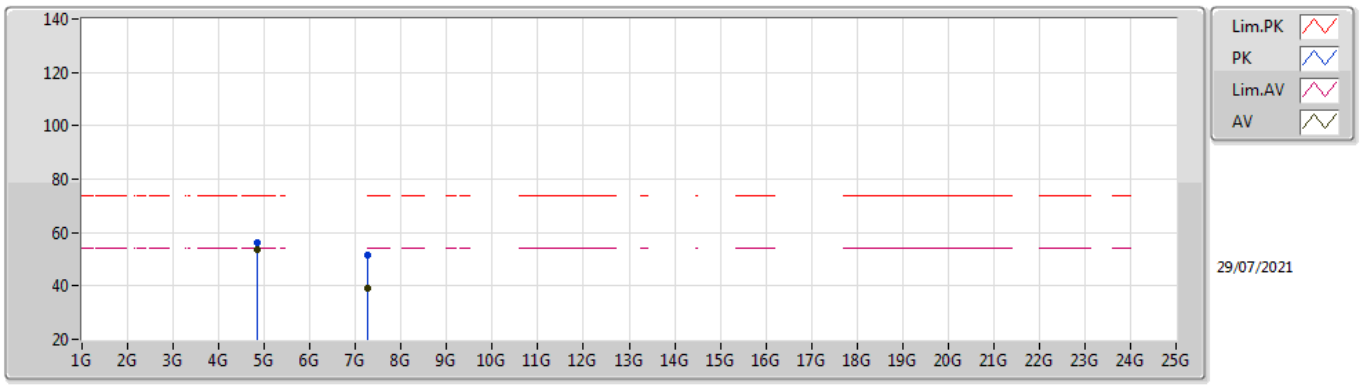
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.834G	52.12	54.00	-1.88	8.48	3	Vertical	178	1.59	-	43.64	31.17	6.53	29.22
AV	7.26036G	38.98	54.00	-15.02	13.61	3	Vertical	300	1.59	-	25.37	36.14	7.60	30.13
PK	4.834G	55.01	74.00	-18.99	8.48	3	Vertical	178	1.59	-	46.53	31.17	6.53	29.22
PK	7.25364G	51.46	74.00	-22.54	13.59	3	Vertical	300	1.59	-	37.87	36.11	7.60	30.12

802.11b_Nss1,(1Mbps)_1TX

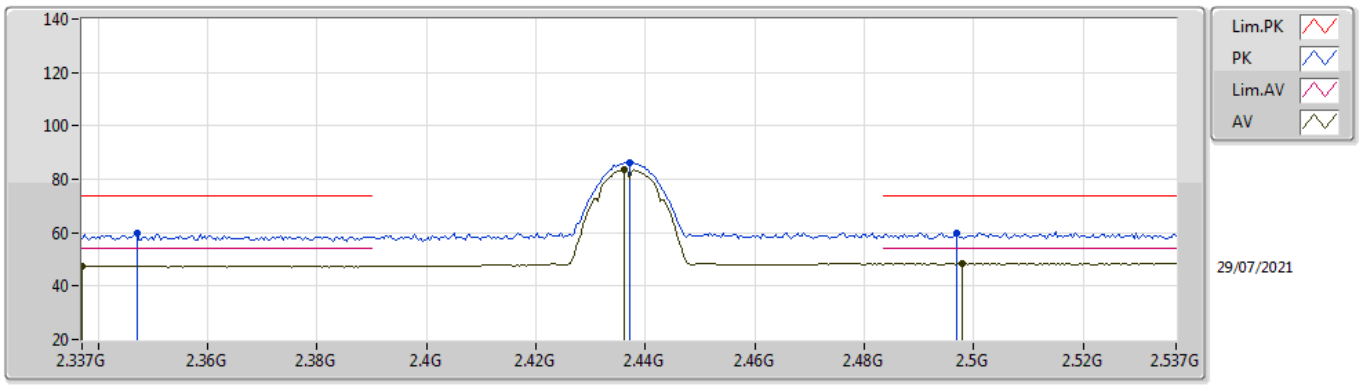
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.834G	53.44	54.00	-0.56	8.48	3	Horizontal	198	1.08	-	44.96	31.17	6.53	29.22
AV	7.2591G	39.12	54.00	-14.88	13.61	3	Horizontal	17	1.50	-	25.51	36.14	7.60	30.13
PK	4.83388G	56.05	74.00	-17.95	8.48	3	Horizontal	198	1.08	-	47.57	31.17	6.53	29.22
PK	7.25988G	51.58	74.00	-22.42	13.61	3	Horizontal	17	1.50	-	37.97	36.14	7.60	30.13

802.11b_Nss1,(1Mbps)_1TX

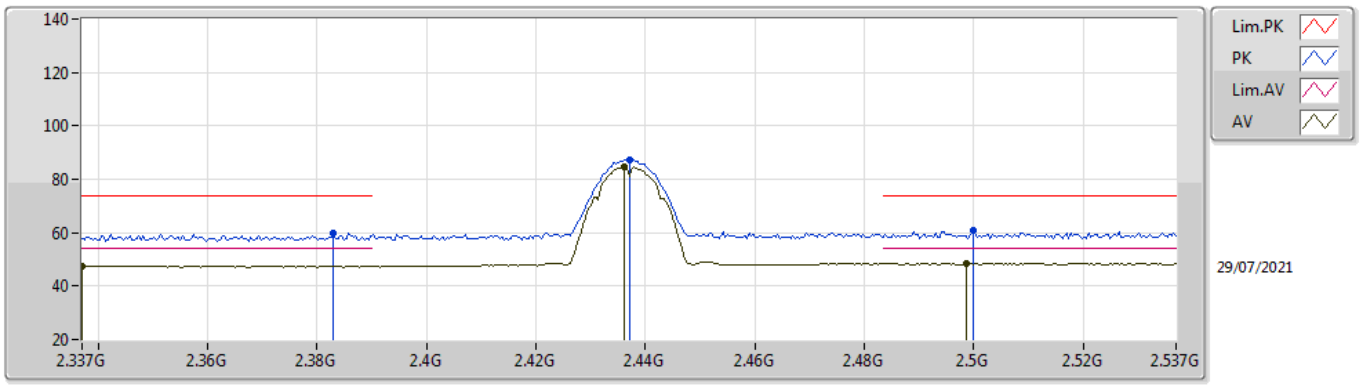
2437MHz_TX



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	2.337G	47.62	54.00	-6.38	32.07	3	Vertical	80	1.46	-	15.55	27.83	4.24	-
AV	2.4362G	83.56	Inf	-Inf	31.94	3	Vertical	80	1.46	-	51.62	27.60	4.34	-
AV	2.4978G	48.31	54.00	-5.69	32.10	3	Vertical	80	1.46	-	16.21	27.70	4.40	-
PK	2.347G	59.68	74.00	-14.32	32.06	3	Vertical	80	1.46	-	27.62	27.81	4.25	-
PK	2.437G	86.43	Inf	-Inf	31.94	3	Vertical	80	1.46	-	54.49	27.60	4.34	-
PK	2.497G	59.92	74.00	-14.08	32.09	3	Vertical	80	1.46	-	27.83	27.69	4.40	-

802.11b_Nss1,(1Mbps)_1TX

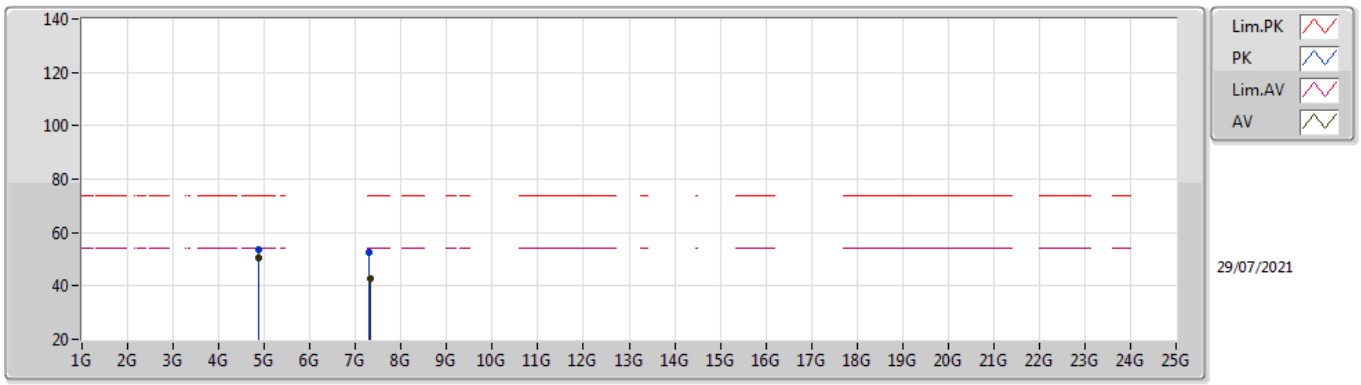
2437MHz_TX



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	2.337G	47.62	54.00	-6.38	32.07	3	Horizontal	208	2.82	-	15.55	27.83	4.24	-
AV	2.4362G	84.53	Inf	-Inf	31.94	3	Horizontal	208	2.82	-	52.59	27.60	4.34	-
AV	2.4986G	48.31	54.00	-5.69	32.10	3	Horizontal	208	2.82	-	16.21	27.70	4.40	-
PK	2.383G	59.98	74.00	-14.02	31.95	3	Horizontal	208	2.82	-	28.03	27.67	4.28	-
PK	2.437G	87.40	Inf	-Inf	31.94	3	Horizontal	208	2.82	-	55.46	27.60	4.34	-
PK	2.4998G	61.10	74.00	-12.90	32.10	3	Horizontal	208	2.82	-	29.00	27.70	4.40	-

802.11b_Nss1,(1Mbps)_1TX

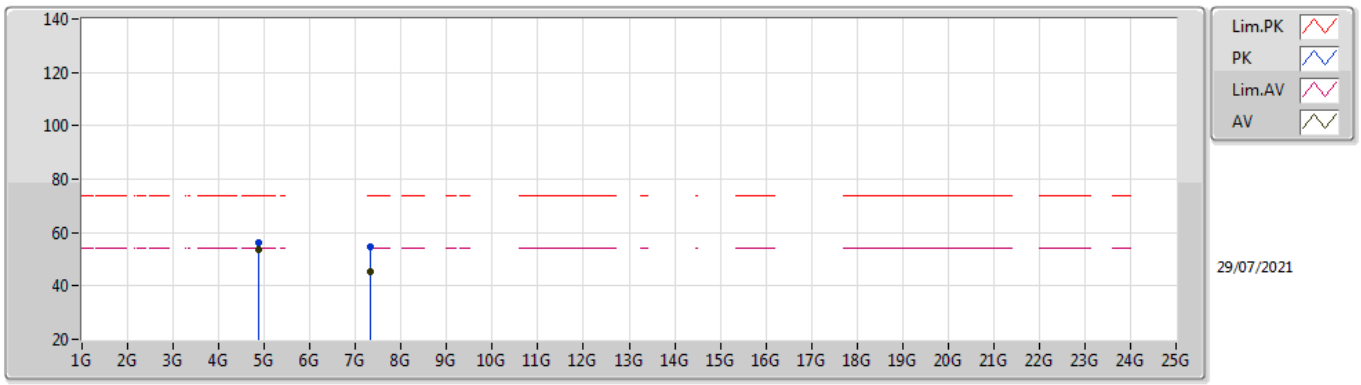
2437MHz_TX



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	4.87408G	50.47	54.00	-3.53	8.56	3	Vertical	19	1.00	-	41.91	31.20	6.57	29.21
AV	7.31188G	42.58	54.00	-11.42	13.72	3	Vertical	97	1.86	-	28.86	36.28	7.60	30.16
PK	4.87396G	53.75	74.00	-20.25	8.56	3	Vertical	19	1.00	-	45.19	31.20	6.57	29.21
PK	7.30968G	52.72	74.00	-21.28	13.72	3	Vertical	97	1.86	-	39.00	36.28	7.60	30.16

802.11b_Nss1,(1Mbps)_1TX

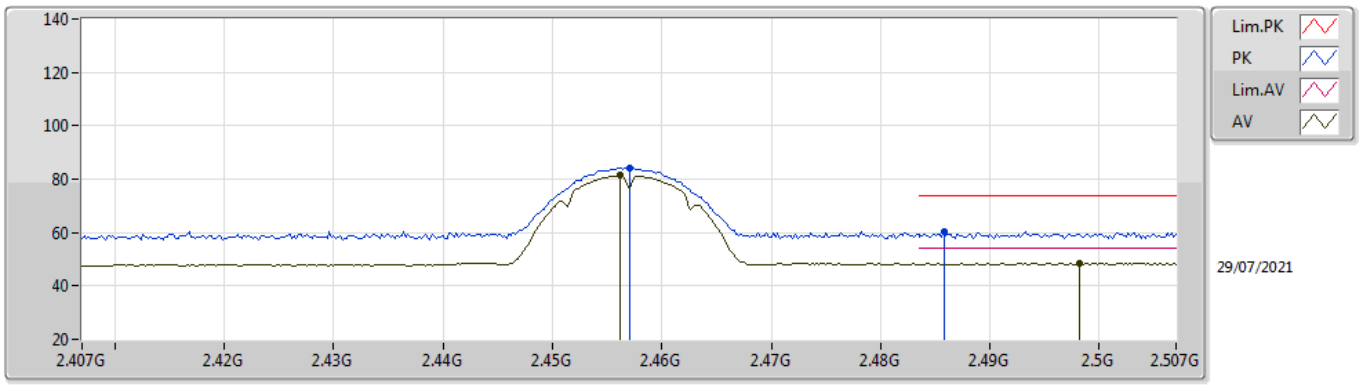
2437MHz_TX



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	4.87408G	53.74	54.00	-0.26	8.56	3	Horizontal	203	1.02	-	45.18	31.20	6.57	29.21
AV	7.31192G	45.45	54.00	-8.55	13.72	3	Horizontal	204	1.02	-	31.73	36.28	7.60	30.16
PK	4.87404G	56.21	74.00	-17.79	8.56	3	Horizontal	203	1.02	-	47.65	31.20	6.57	29.21
PK	7.31164G	54.55	74.00	-19.45	13.72	3	Horizontal	204	1.02	-	40.83	36.28	7.60	30.16

802.11b_Nss1,(1Mbps)_1TX

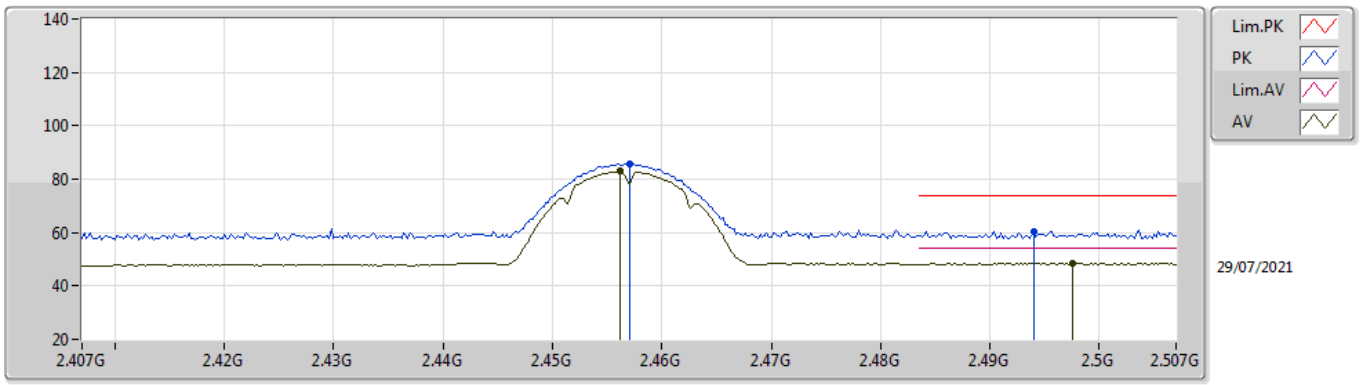
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	81.34	Inf	-Inf	31.97	3	Vertical	83	1.22	-	49.37	27.61	4.36	-
AV	2.4982G	48.31	54.00	-5.69	32.10	3	Vertical	83	1.22	-	16.21	27.70	4.40	-
PK	2.457G	84.36	Inf	-Inf	31.97	3	Vertical	83	1.22	-	52.39	27.61	4.36	-
PK	2.4858G	60.26	74.00	-13.74	32.06	3	Vertical	83	1.22	-	28.20	27.67	4.39	-

802.11b_Nss1,(1Mbps)_1TX

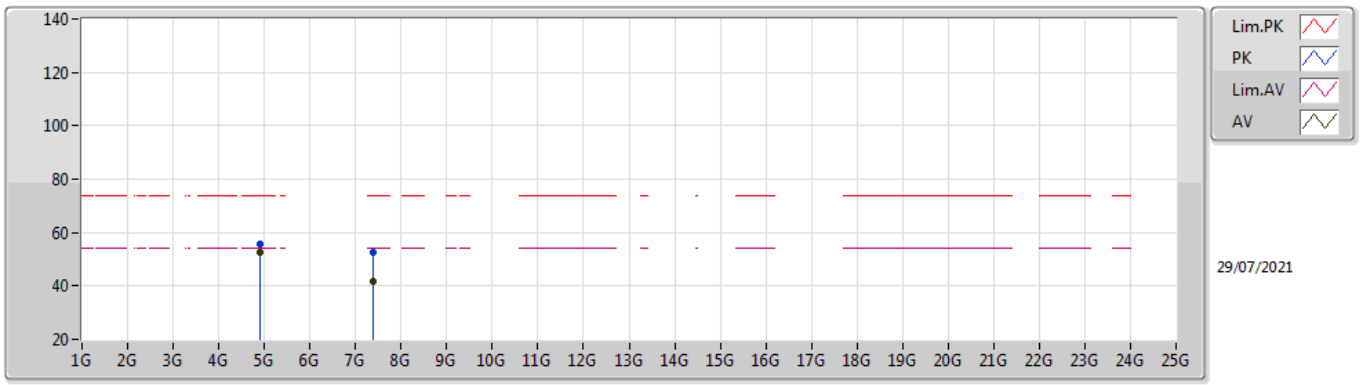
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	82.86	Inf	-Inf	31.97	3	Horizontal	200	2.15	-	50.89	27.61	4.36	-
AV	2.4976G	48.31	54.00	-5.69	32.10	3	Horizontal	200	2.15	-	16.21	27.70	4.40	-
PK	2.457G	85.73	Inf	-Inf	31.97	3	Horizontal	200	2.15	-	53.76	27.61	4.36	-
PK	2.494G	60.44	74.00	-13.56	32.08	3	Horizontal	200	2.15	-	28.36	27.69	4.39	-

802.11b_Nss1,(1Mbps)_1TX

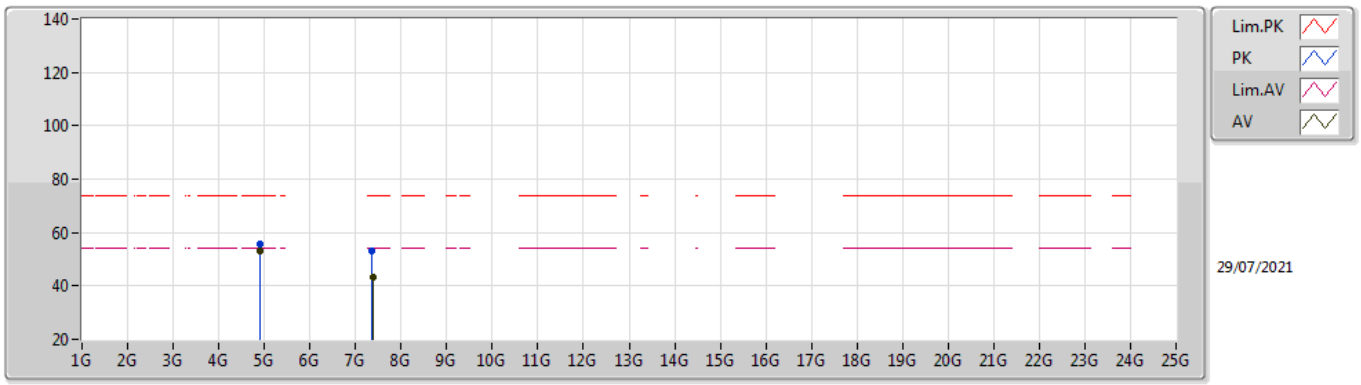
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.914G	52.75	54.00	-1.25	8.64	3	Vertical	180	1.43	-	44.11	31.23	6.61	29.20
AV	7.37184G	41.62	54.00	-12.38	13.55	3	Vertical	111	2.72	-	28.07	36.16	7.60	30.21
PK	4.914G	55.63	74.00	-18.37	8.64	3	Vertical	180	1.43	-	46.99	31.23	6.61	29.20
PK	7.37196G	52.67	74.00	-21.33	13.55	3	Vertical	111	2.72	-	39.12	36.16	7.60	30.21

802.11b_Nss1,(1Mbps)_1TX

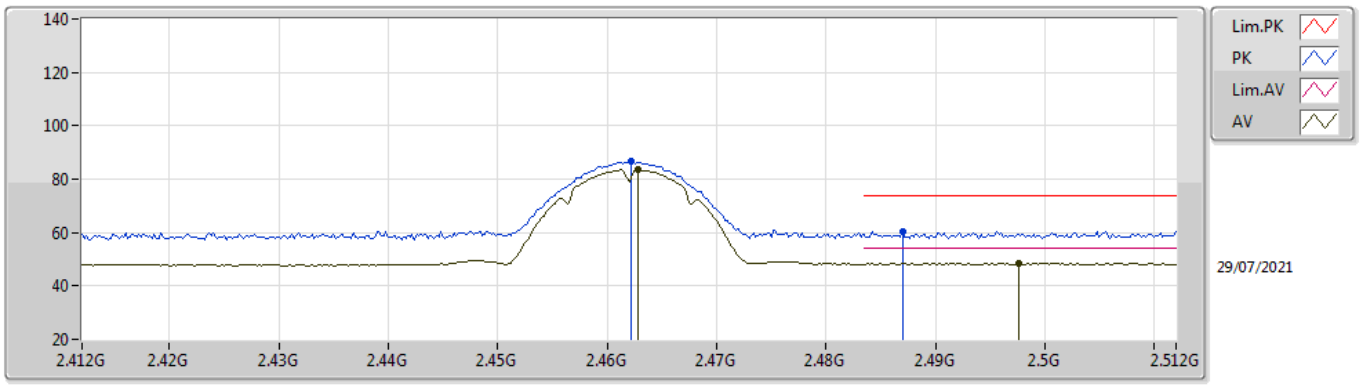
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.914G	53.18	54.00	-0.82	8.64	3	Horizontal	198	1.06	-	44.54	31.23	6.61	29.20
AV	7.37178G	43.19	54.00	-10.81	13.55	3	Horizontal	64	1.14	-	29.64	36.16	7.60	30.21
PK	4.914G	55.91	74.00	-18.09	8.64	3	Horizontal	198	1.06	-	47.27	31.23	6.61	29.20
PK	7.37022G	53.10	74.00	-20.90	13.55	3	Horizontal	64	1.14	-	39.55	36.16	7.60	30.21

802.11b_Nss1,(1Mbps)_1TX

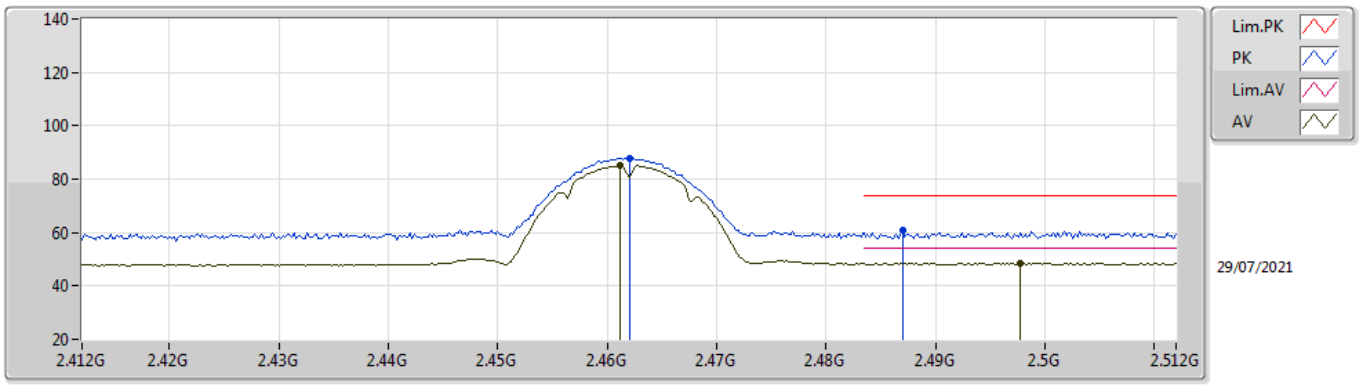
2462MHz_TX



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	2.4628G	83.63	Inf	-Inf	31.99	3	Vertical	81	1.24	-	51.64	27.63	4.36	-
AV	2.4976G	48.31	54.00	-5.69	32.10	3	Vertical	81	1.24	-	16.21	27.70	4.40	-
PK	2.4622G	86.51	Inf	-Inf	31.98	3	Vertical	81	1.24	-	54.53	27.62	4.36	-
PK	2.487G	60.34	74.00	-13.66	32.06	3	Vertical	81	1.24	-	28.28	27.67	4.39	-

802.11b_Nss1,(1Mbps)_1TX

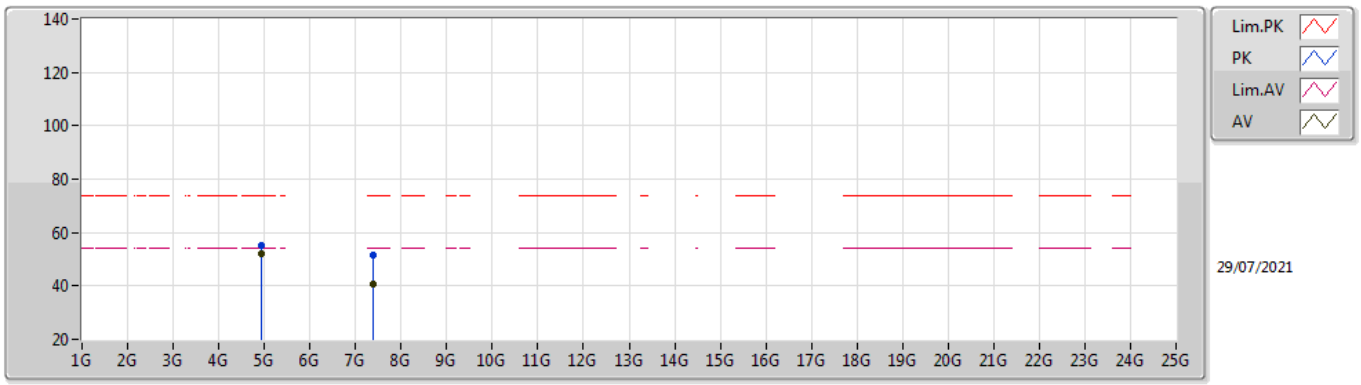
2462MHz_TX



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	2.4612G	85.07	Inf	-Inf	31.98	3	Horizontal	207	1.19	-	53.09	27.62	4.36	-
AV	2.4978G	48.31	54.00	-5.69	32.10	3	Horizontal	207	1.19	-	16.21	27.70	4.40	-
PK	2.462G	87.94	Inf	-Inf	31.98	3	Horizontal	207	1.19	-	55.96	27.62	4.36	-
PK	2.487G	60.70	74.00	-13.30	32.06	3	Horizontal	207	1.19	-	28.64	27.67	4.39	-

802.11b_Nss1,(1Mbps)_1TX

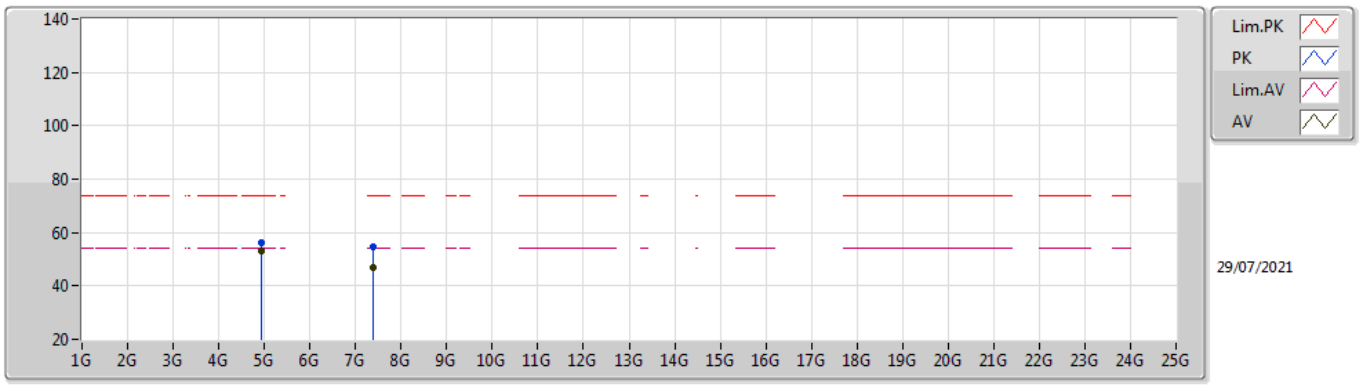
2462MHz_TX



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	52.06	54.00	-1.94	8.68	3	Vertical	159	1.04	-	43.38	31.25	6.62	29.19
AV	7.3868G	40.92	54.00	-13.08	13.51	3	Vertical	92	1.47	-	27.41	36.13	7.60	30.22
PK	4.924G	54.97	74.00	-19.03	8.68	3	Vertical	159	1.04	-	46.29	31.25	6.62	29.19
PK	7.38672G	51.80	74.00	-22.20	13.51	3	Vertical	92	1.47	-	38.29	36.13	7.60	30.22

802.11b_Nss1,(1Mbps)_1TX

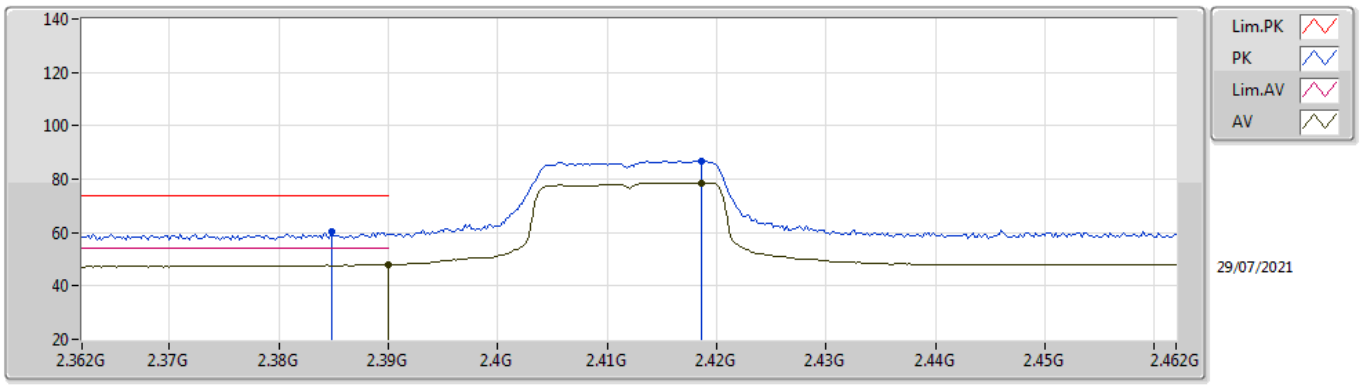
2462MHz_TX



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	4.92404G	53.28	54.00	-0.72	8.68	3	Horizontal	166	1.05	-	44.60	31.25	6.62	29.19
AV	7.38676G	47.13	54.00	-6.87	13.51	3	Horizontal	153	1.79	-	33.62	36.13	7.60	30.22
PK	4.92392G	56.03	74.00	-17.97	8.68	3	Horizontal	166	1.05	-	47.35	31.25	6.62	29.19
PK	7.3868G	54.71	74.00	-19.29	13.51	3	Horizontal	153	1.79	-	41.20	36.13	7.60	30.22

802.11g_Nss1,(6Mbps)_1TX

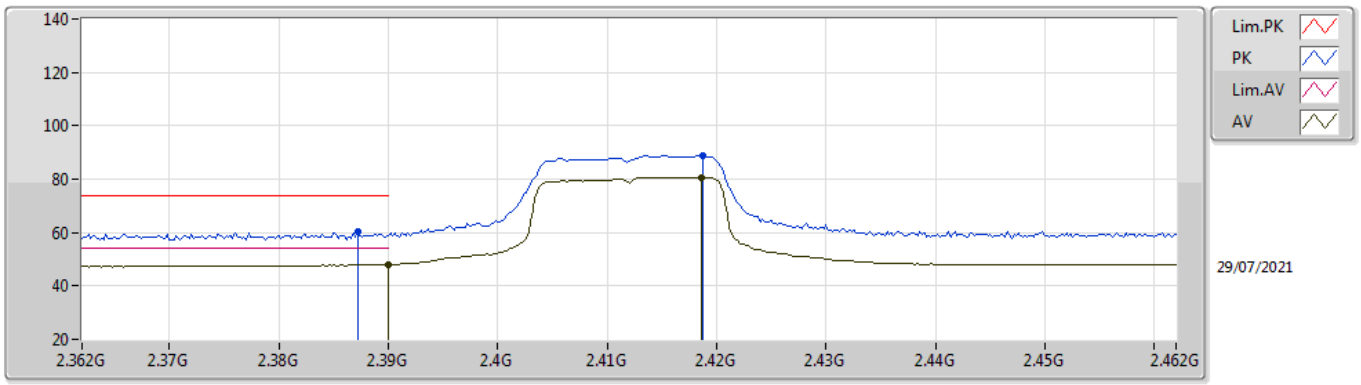
2412MHz_TX



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	2.39G	48.03	54.00	-5.97	31.93	3	Vertical	81	1.23	-	16.10	27.64	4.29	-
AV	2.4186G	78.68	Inf	-Inf	31.92	3	Vertical	81	1.23	-	46.76	27.60	4.32	-
PK	2.3848G	60.39	74.00	-13.61	31.94	3	Vertical	81	1.23	-	28.45	27.66	4.28	-
PK	2.4186G	86.84	Inf	-Inf	31.92	3	Vertical	81	1.23	-	54.92	27.60	4.32	-

802.11g_Nss1,(6Mbps)_1TX

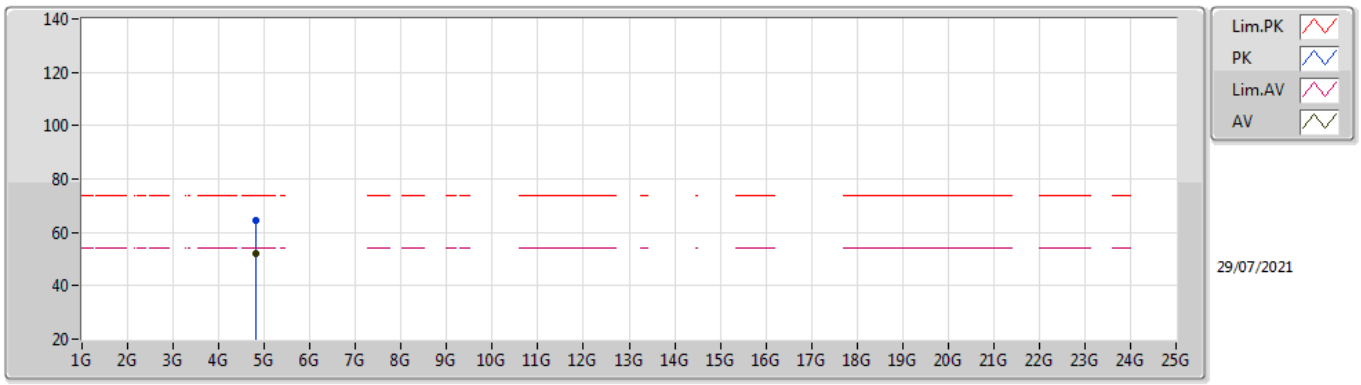
2412MHz_TX



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	2.39G	48.03	54.00	-5.97	31.93	3	Horizontal	300	2.50	-	16.10	27.64	4.29	-
AV	2.4186G	80.61	Inf	-Inf	31.92	3	Horizontal	300	2.50	-	48.69	27.60	4.32	-
PK	2.3872G	60.21	74.00	-13.79	31.94	3	Horizontal	300	2.50	-	28.27	27.65	4.29	-
PK	2.4188G	88.83	Inf	-Inf	31.92	3	Horizontal	300	2.50	-	56.91	27.60	4.32	-

802.11g_Nss1,(6Mbps)_1TX

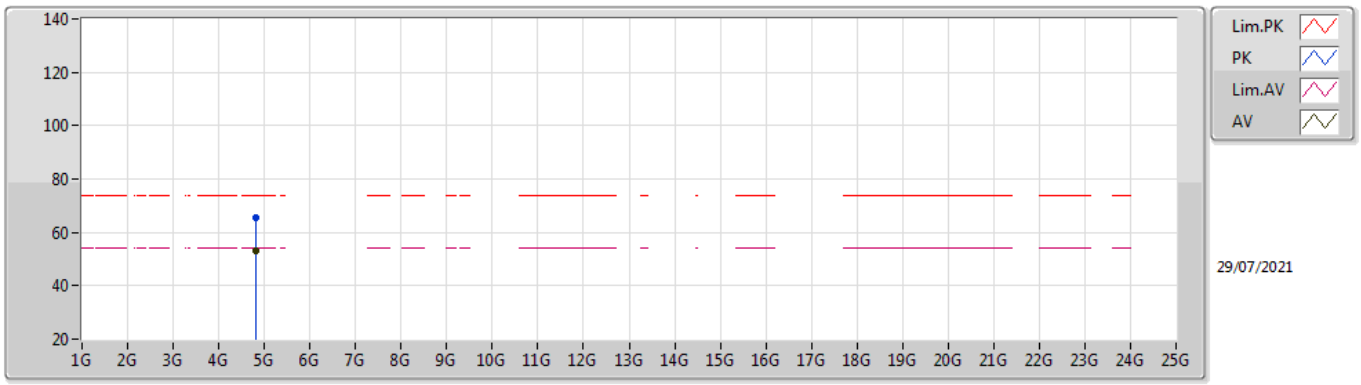
2412MHz_TX



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	4.82424G	52.26	54.00	-1.74	8.44	3	Vertical	180	1.42	-	43.82	31.15	6.52	29.23
PK	4.82478G	64.36	74.00	-9.64	8.44	3	Vertical	180	1.42	-	55.92	31.15	6.52	29.23

802.11g_Nss1,(6Mbps)_1TX

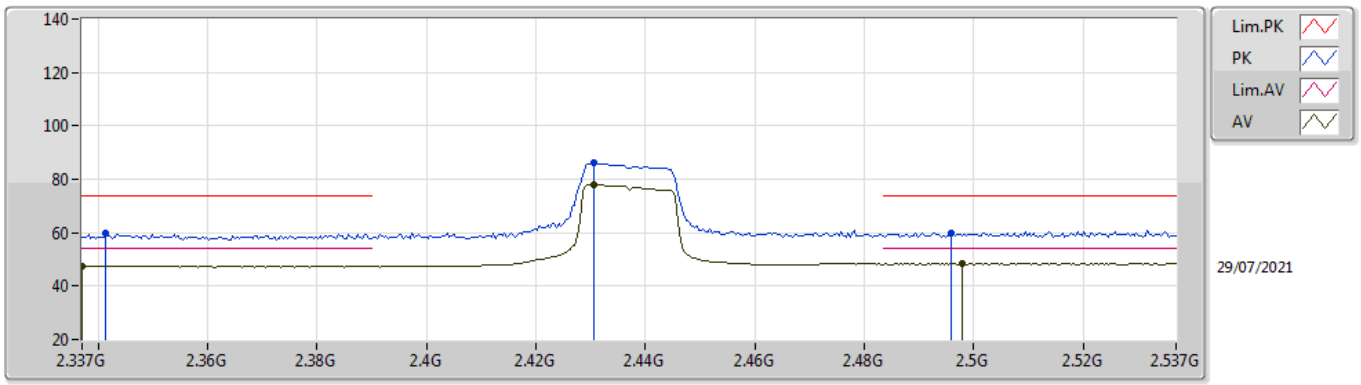
2412MHz_TX



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	4.82412G	53.25	54.00	-0.75	8.44	3	Horizontal	198	1.24	-	44.81	31.15	6.52	29.23
PK	4.82466G	65.38	74.00	-8.62	8.44	3	Horizontal	198	1.24	-	56.94	31.15	6.52	29.23

802.11g_Nss1,(6Mbps)_1TX

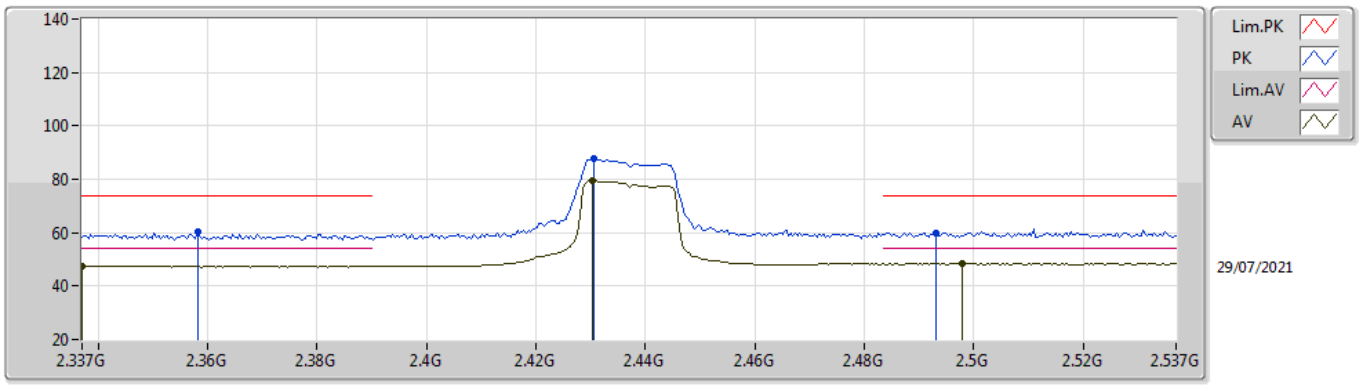
2437MHz_TX



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	2.337G	47.62	54.00	-6.38	32.07	3	Vertical	83	1.44	-	15.55	27.83	4.24	-
AV	2.4306G	77.96	Inf	-Inf	31.93	3	Vertical	83	1.44	-	46.03	27.60	4.33	-
AV	2.4978G	48.31	54.00	-5.69	32.10	3	Vertical	83	1.44	-	16.21	27.70	4.40	-
PK	2.3414G	60.01	74.00	-13.99	32.06	3	Vertical	83	1.44	-	27.95	27.82	4.24	-
PK	2.4306G	86.22	Inf	-Inf	31.93	3	Vertical	83	1.44	-	54.29	27.60	4.33	-
PK	2.4958G	60.07	74.00	-13.93	32.09	3	Vertical	83	1.44	-	27.98	27.69	4.40	-

802.11g_Nss1,(6Mbps)_1TX

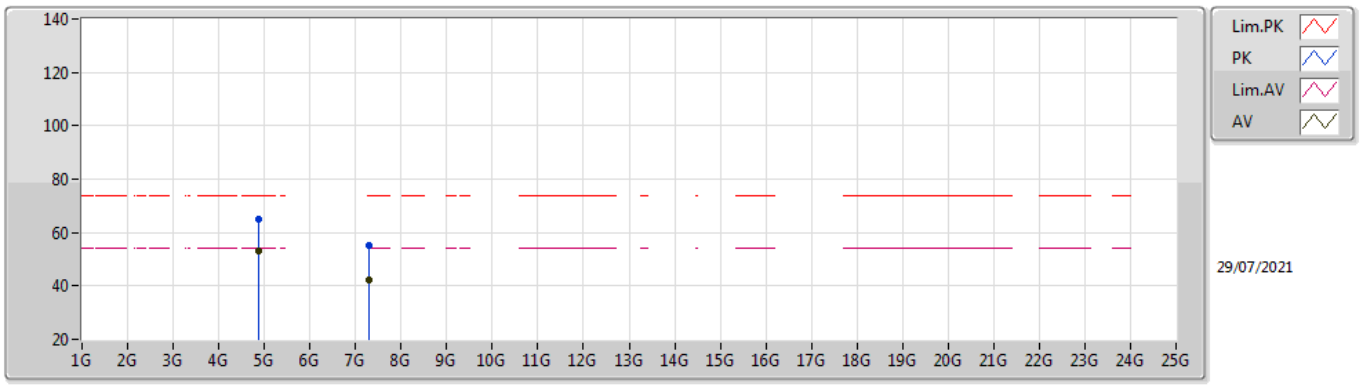
2437MHz_TX



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	2.337G	47.62	54.00	-6.38	32.07	3	Horizontal	300	1.09	-	15.55	27.83	4.24	-
AV	2.4302G	79.32	Inf	-Inf	31.93	3	Horizontal	300	1.09	-	47.39	27.60	4.33	-
AV	2.4978G	48.31	54.00	-5.69	32.10	3	Horizontal	300	1.09	-	16.21	27.70	4.40	-
PK	2.3582G	60.26	74.00	-13.74	32.03	3	Horizontal	300	1.09	-	28.23	27.77	4.26	-
PK	2.4306G	87.57	Inf	-Inf	31.93	3	Horizontal	300	1.09	-	55.64	27.60	4.33	-
PK	2.493G	60.06	74.00	-13.94	32.08	3	Horizontal	300	1.09	-	27.98	27.69	4.39	-

802.11g_Nss1,(6Mbps)_1TX

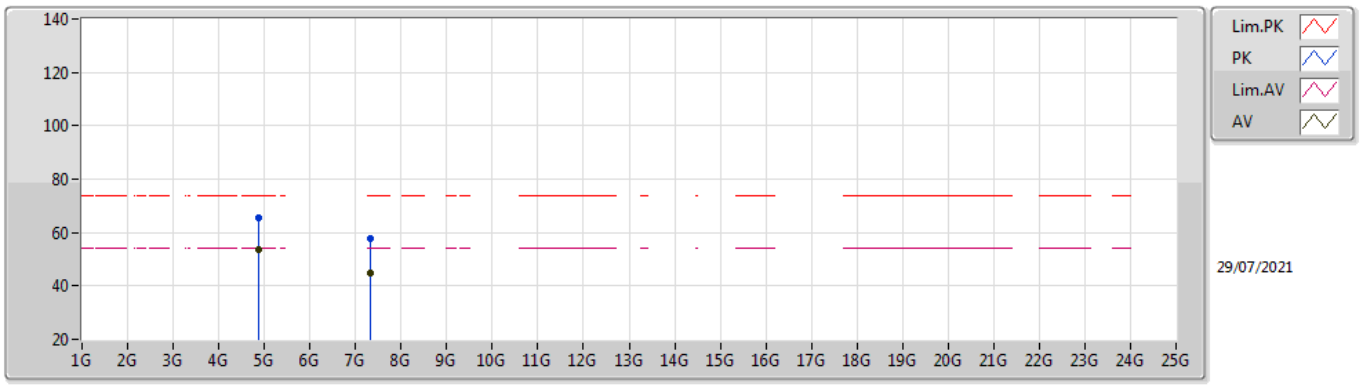
2437MHz_TX



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	4.87418G	52.85	54.00	-1.15	8.56	3	Vertical	179	1.29	-	44.29	31.20	6.57	29.21
AV	7.30926G	42.24	54.00	-11.76	13.72	3	Vertical	96	1.92	-	28.52	36.28	7.60	30.16
PK	4.87028G	65.05	74.00	-8.95	8.56	3	Vertical	179	1.29	-	56.49	31.20	6.57	29.21
PK	7.30326G	54.97	74.00	-19.03	13.73	3	Vertical	96	1.92	-	41.24	36.29	7.60	30.16

802.11g_Nss1,(6Mbps)_1TX

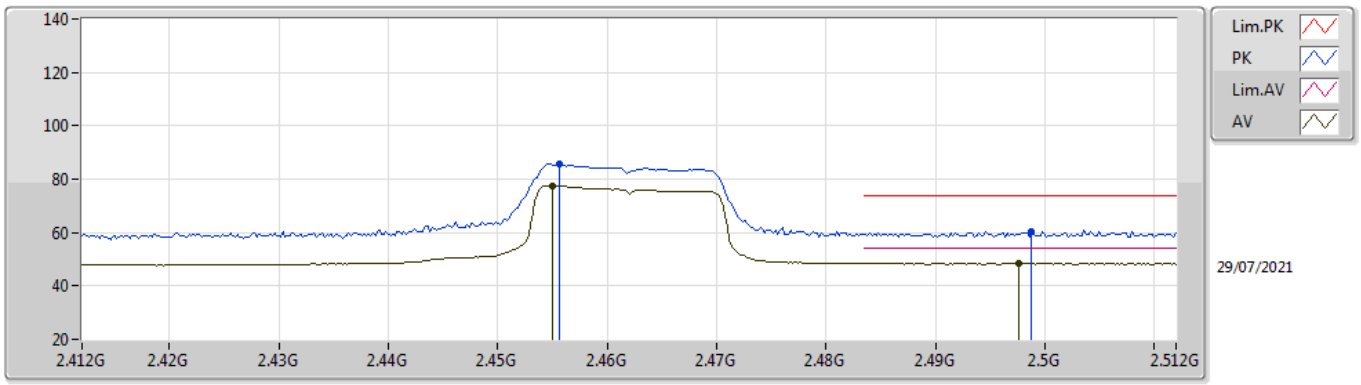
2437MHz_TX



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	4.87418G	53.65	54.00	-0.35	8.56	3	Horizontal	192	1.14	-	45.09	31.20	6.57	29.21
AV	7.31034G	44.57	54.00	-9.43	13.72	3	Horizontal	70	1.99	-	30.85	36.28	7.60	30.16
PK	4.87466G	65.68	74.00	-8.32	8.56	3	Horizontal	192	1.14	-	57.12	31.20	6.57	29.21
PK	7.3128G	57.83	74.00	-16.17	13.70	3	Horizontal	70	1.99	-	44.13	36.27	7.60	30.17

802.11g_Nss1,(6Mbps)_1TX

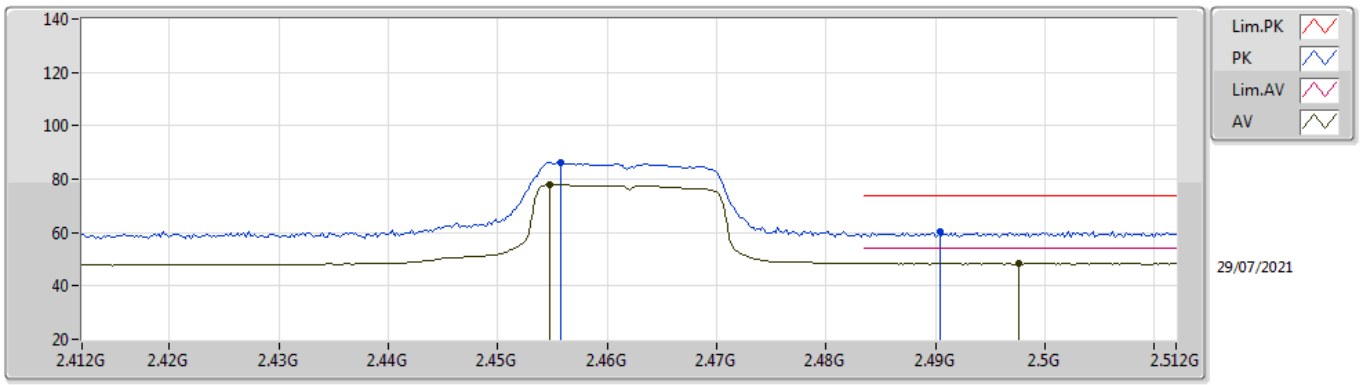
2462MHz_TX



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	2.455G	77.52	Inf	-Inf	31.96	3	Vertical	83	1.35	-	45.56	27.61	4.35	-
AV	2.4976G	48.31	54.00	-5.69	32.10	3	Vertical	83	1.35	-	16.21	27.70	4.40	-
PK	2.4556G	85.79	Inf	-Inf	31.97	3	Vertical	83	1.35	-	53.82	27.61	4.36	-
PK	2.4988G	60.31	74.00	-13.69	32.10	3	Vertical	83	1.35	-	28.21	27.70	4.40	-

802.11g_Nss1,(6Mbps)_1TX

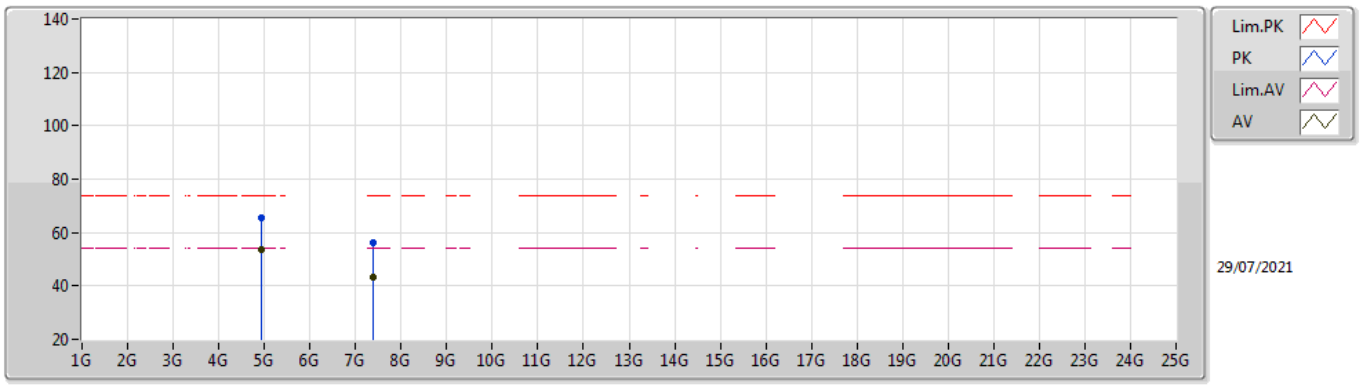
2462MHz_TX



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	2.4548G	77.99	Inf	-Inf	31.96	3	Horizontal	198	1.50	-	46.03	27.61	4.35	-
AV	2.4976G	48.31	54.00	-5.69	32.10	3	Horizontal	198	1.50	-	16.21	27.70	4.40	-
PK	2.4558G	86.30	Inf	-Inf	31.97	3	Horizontal	198	1.50	-	54.33	27.61	4.36	-
PK	2.4904G	60.35	74.00	-13.65	32.07	3	Horizontal	198	1.50	-	28.28	27.68	4.39	-

802.11g_Nss1,(6Mbps)_1TX

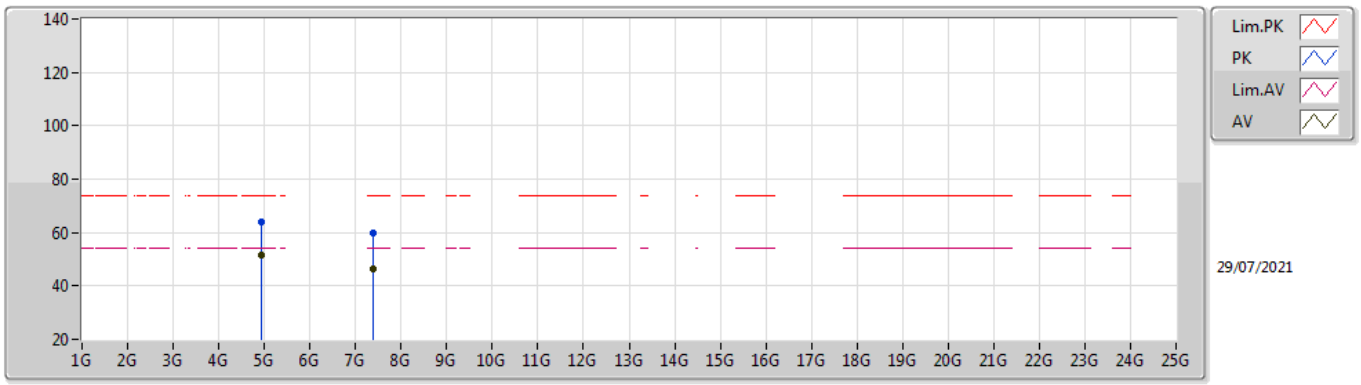
2462MHz_TX



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	4.92418G	53.41	54.00	-0.59	8.68	3	Vertical	180	1.44	-	44.73	31.25	6.62	29.19
AV	7.38324G	43.07	54.00	-10.93	13.51	3	Vertical	111	2.80	-	29.56	36.13	7.60	30.22
PK	4.92034G	65.60	74.00	-8.40	8.66	3	Vertical	180	1.44	-	56.94	31.24	6.62	29.20
PK	7.38048G	56.01	74.00	-17.99	13.53	3	Vertical	111	2.80	-	42.48	36.14	7.60	30.21

802.11g_Nss1,(6Mbps)_1TX

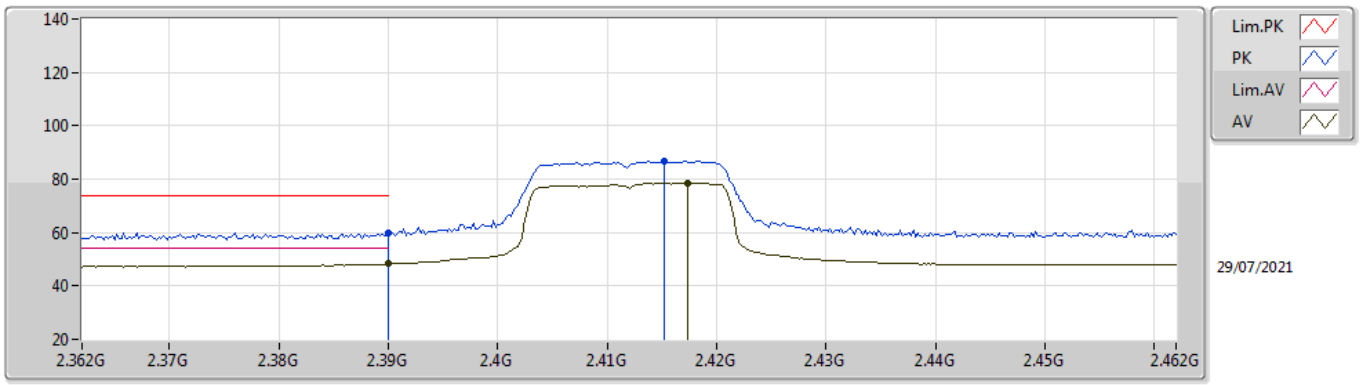
2462MHz_TX



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	4.92412G	51.76	54.00	-2.24	8.68	3	Horizontal	178	1.50	-	43.08	31.25	6.62	29.19
AV	7.38318G	46.57	54.00	-7.43	13.51	3	Horizontal	64	1.07	-	33.06	36.13	7.60	30.22
PK	4.92484G	63.85	74.00	-10.15	8.68	3	Horizontal	178	1.50	-	55.17	31.25	6.62	29.19
PK	7.37988G	59.90	74.00	-14.10	13.53	3	Horizontal	64	1.07	-	46.37	36.14	7.60	30.21

802.11n HT20_Nss1,(MCS0)_1TX

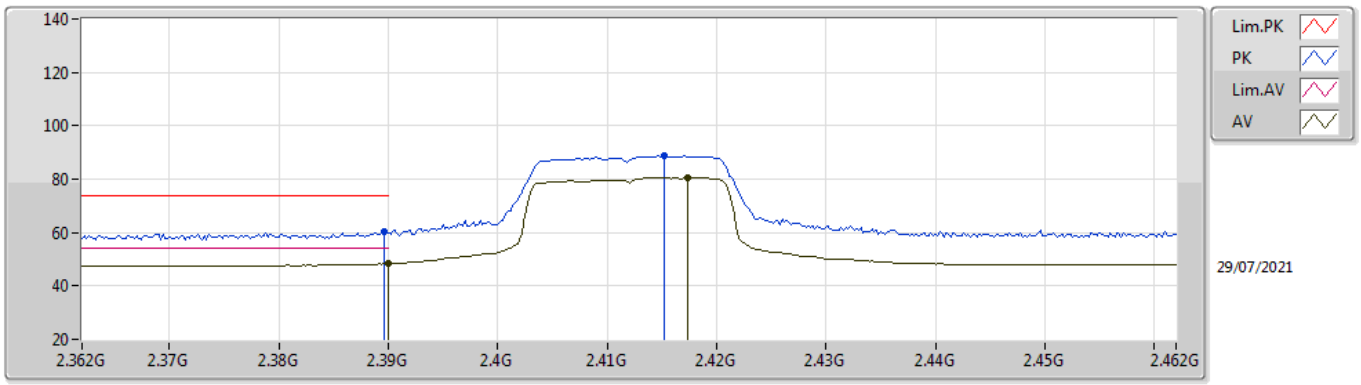
2412MHz_TX



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	48.30	54.00	-5.70	31.93	3	Vertical	81	1.22	-	16.37	27.64	4.29	-
AV	2.4174G	78.66	Inf	-Inf	31.92	3	Vertical	81	1.22	-	46.74	27.60	4.32	-
PK	2.39G	59.96	74.00	-14.04	31.93	3	Vertical	81	1.22	-	28.03	27.64	4.29	-
PK	2.4152G	86.76	Inf	-Inf	31.92	3	Vertical	81	1.22	-	54.84	27.60	4.32	-

802.11n HT20_Nss1,(MCS0)_1TX

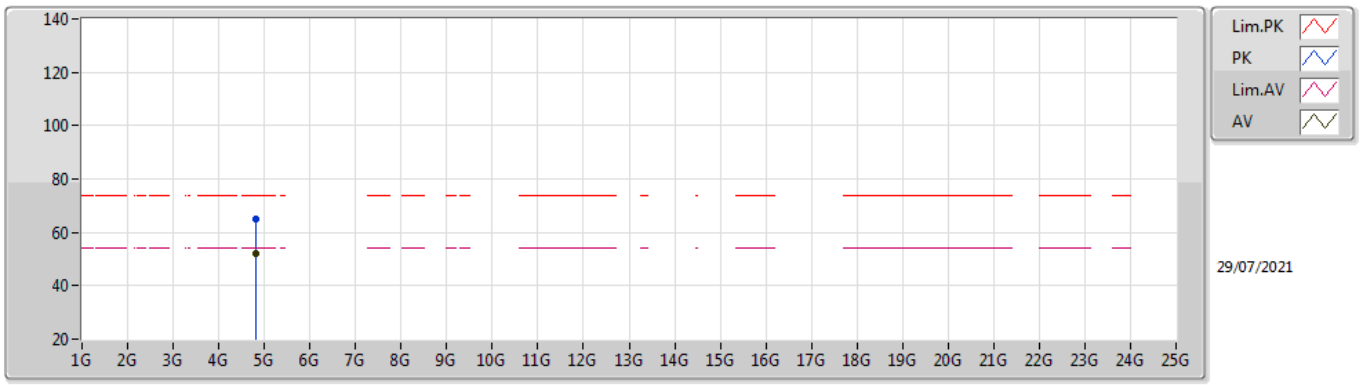
2412MHz_TX



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	48.57	54.00	-5.43	31.93	3	Horizontal	301	2.51	-	16.64	27.64	4.29	-
AV	2.4174G	80.64	Inf	-Inf	31.92	3	Horizontal	301	2.51	-	48.72	27.60	4.32	-
PK	2.3896G	60.44	74.00	-13.56	31.93	3	Horizontal	301	2.51	-	28.51	27.64	4.29	-
PK	2.4152G	88.75	Inf	-Inf	31.92	3	Horizontal	301	2.51	-	56.83	27.60	4.32	-

802.11n HT20_Nss1,(MCS0)_1TX

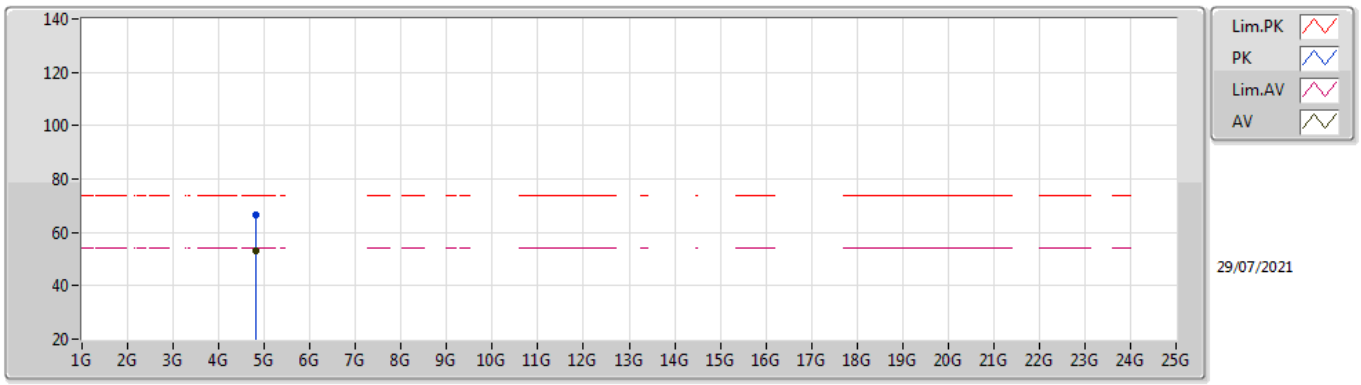
2412MHz_TX



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	4.82406G	51.98	54.00	-2.02	8.44	3	Vertical	180	1.59	-	43.54	31.15	6.52	29.23
PK	4.8231G	65.15	74.00	-8.85	8.44	3	Vertical	180	1.59	-	56.71	31.15	6.52	29.23

802.11n HT20_Nss1,(MCS0)_1TX

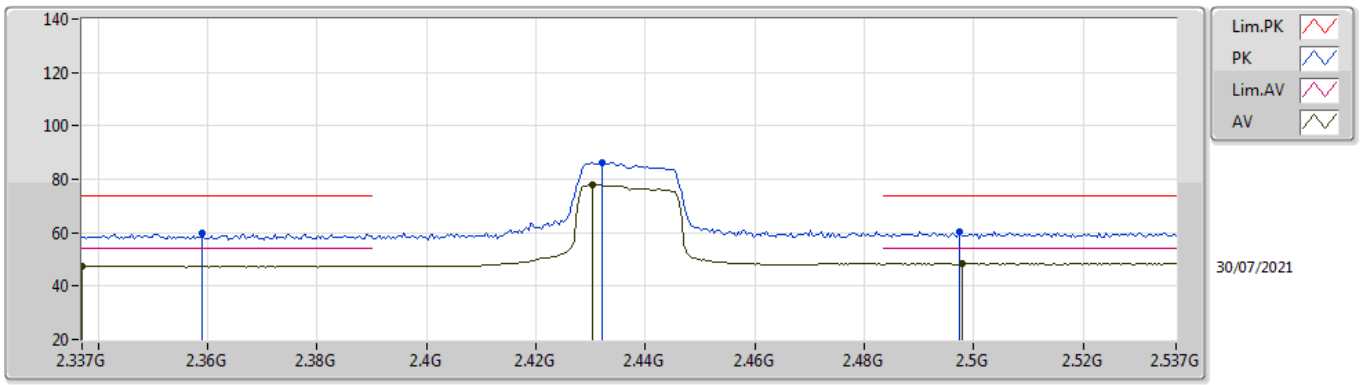
2412MHz_TX



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	4.824G	53.32	54.00	-0.68	8.44	3	Horizontal	198	1.24	-	44.88	31.15	6.52	29.23
PK	4.82316G	66.56	74.00	-7.44	8.44	3	Horizontal	198	1.24	-	58.12	31.15	6.52	29.23

802.11n HT20_Nss1,(MCS0)_1TX

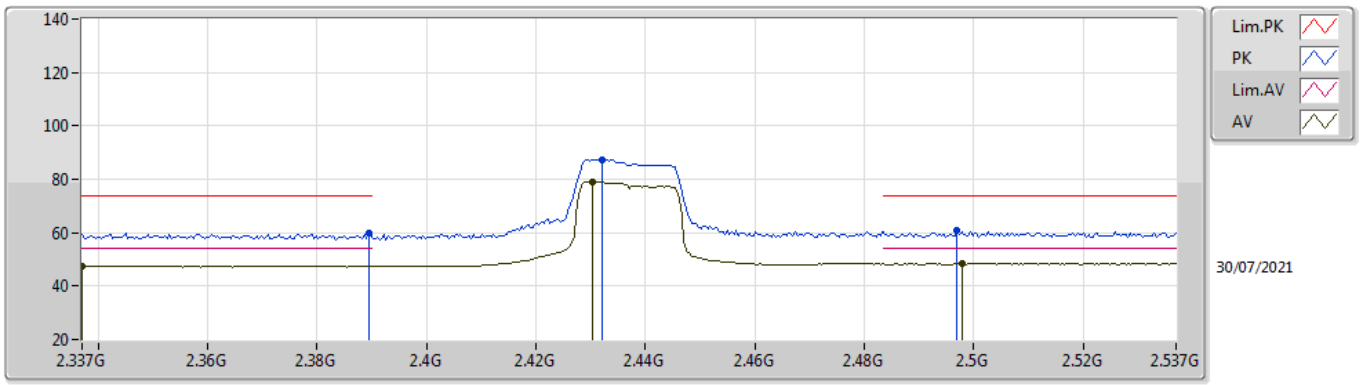
2437MHz_TX



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	2.337G	47.62	54.00	-6.38	32.07	3	Vertical	83	1.44	-	15.55	27.83	4.24	-
AV	2.4302G	77.89	Inf	-Inf	31.93	3	Vertical	83	1.44	-	45.96	27.60	4.33	-
AV	2.4978G	48.31	54.00	-5.69	32.10	3	Vertical	83	1.44	-	16.21	27.70	4.40	-
PK	2.359G	59.83	74.00	-14.17	32.02	3	Vertical	83	1.44	-	27.81	27.76	4.26	-
PK	2.4322G	86.30	Inf	-Inf	31.93	3	Vertical	83	1.44	-	54.37	27.60	4.33	-
PK	2.4974G	60.60	74.00	-13.40	32.09	3	Vertical	83	1.44	-	28.51	27.69	4.40	-

802.11n HT20_Nss1,(MCS0)_1TX

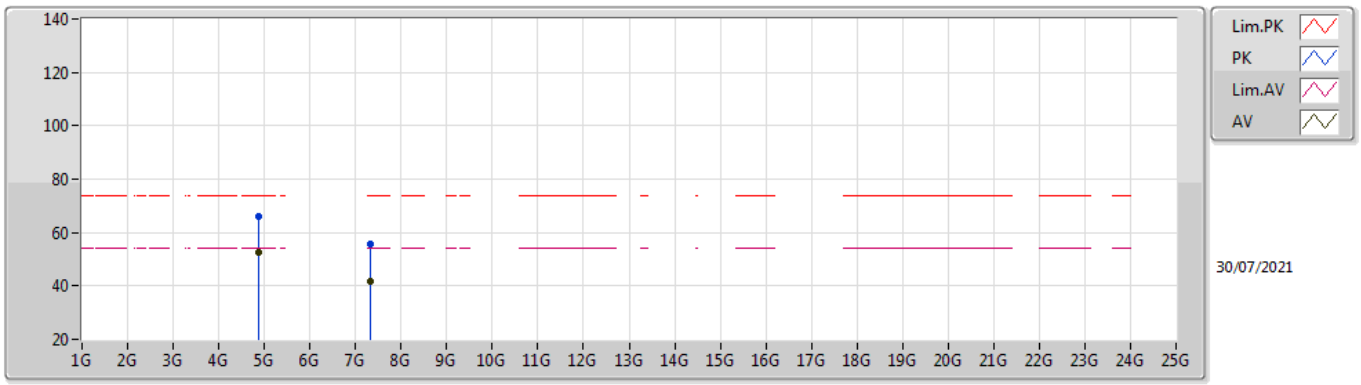
2437MHz_TX



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	2.337G	47.62	54.00	-6.38	32.07	3	Horizontal	302	1.07	-	15.55	27.83	4.24	-
AV	2.4302G	79.17	Inf	-Inf	31.93	3	Horizontal	302	1.07	-	47.24	27.60	4.33	-
AV	2.4978G	48.31	54.00	-5.69	32.10	3	Horizontal	302	1.07	-	16.21	27.70	4.40	-
PK	2.3894G	59.95	74.00	-14.05	31.93	3	Horizontal	302	1.07	-	28.02	27.64	4.29	-
PK	2.4322G	87.39	Inf	-Inf	31.93	3	Horizontal	302	1.07	-	55.46	27.60	4.33	-
PK	2.497G	61.02	74.00	-12.98	32.09	3	Horizontal	302	1.07	-	28.93	27.69	4.40	-

802.11n HT20_Nss1,(MCS0)_1TX

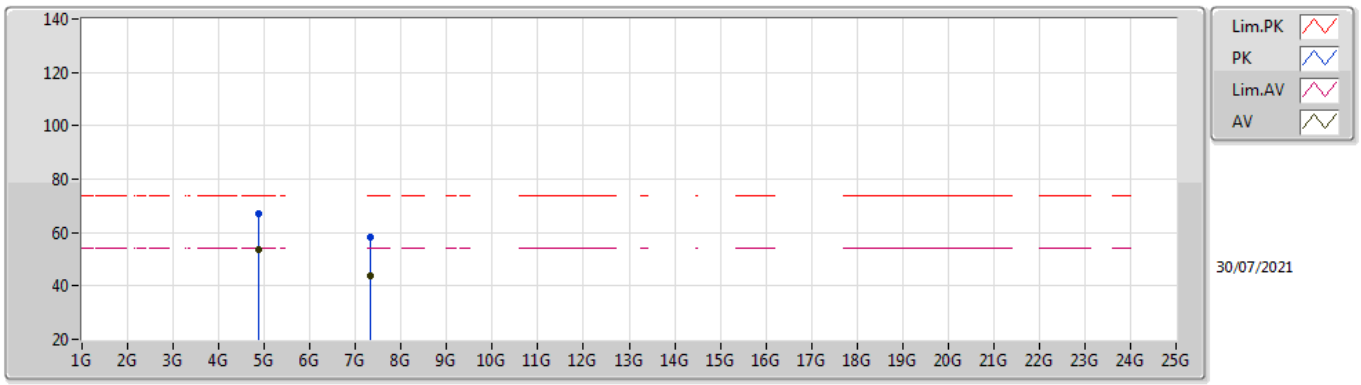
2437MHz_TX



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	4.874G	52.61	54.00	-1.39	8.56	3	Vertical	179	1.30	-	44.05	31.20	6.57	29.21
AV	7.31532G	41.71	54.00	-12.29	13.70	3	Vertical	96	1.76	-	28.01	36.27	7.60	30.17
PK	4.87316G	66.07	74.00	-7.93	8.56	3	Vertical	179	1.30	-	57.51	31.20	6.57	29.21
PK	7.31772G	55.65	74.00	-18.35	13.69	3	Vertical	96	1.76	-	41.96	36.26	7.60	30.17

802.11n HT20_Nss1,(MCS0)_1TX

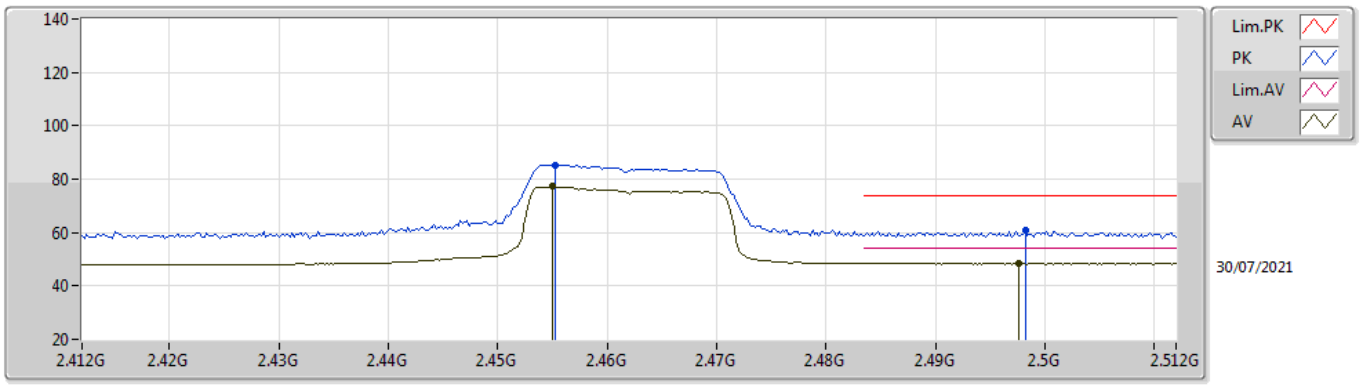
2437MHz_TX



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	4.874G	53.53	54.00	-0.47	8.56	3	Horizontal	198	1.07	-	44.97	31.20	6.57	29.21
AV	7.3116G	43.96	54.00	-10.04	13.72	3	Horizontal	64	1.01	-	30.24	36.28	7.60	30.16
PK	4.87214G	66.93	74.00	-7.07	8.56	3	Horizontal	198	1.07	-	58.37	31.20	6.57	29.21
PK	7.31772G	58.30	74.00	-15.70	13.69	3	Horizontal	64	1.01	-	44.61	36.26	7.60	30.17

802.11n HT20_Nss1,(MCS0)_1TX

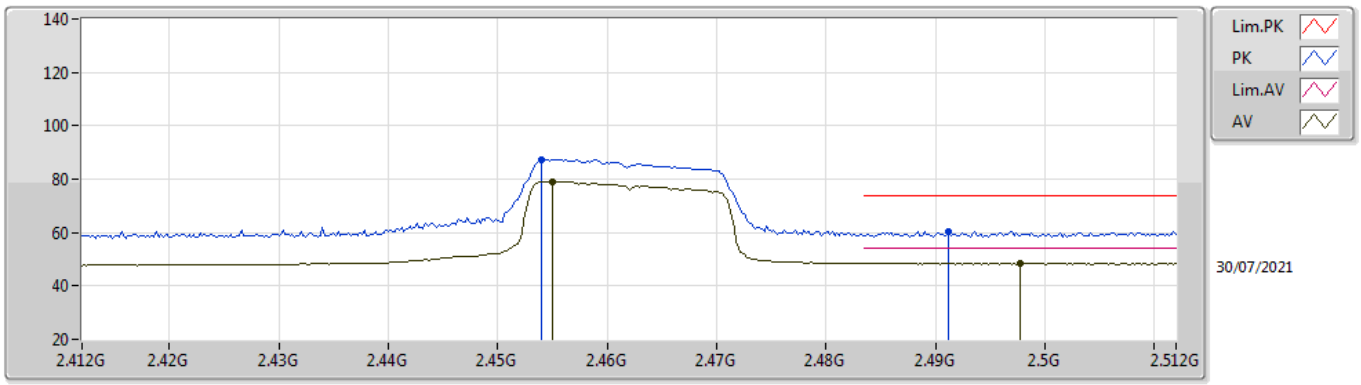
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.455G	77.22	Inf	-Inf	31.96	3	Vertical	83	1.35	-	45.26	27.61	4.35	-
AV	2.4976G	48.31	54.00	-5.69	32.10	3	Vertical	83	1.35	-	16.21	27.70	4.40	-
PK	2.4552G	85.41	Inf	-Inf	31.97	3	Vertical	83	1.35	-	53.44	27.61	4.36	-
PK	2.4982G	60.75	74.00	-13.25	32.10	3	Vertical	83	1.35	-	28.65	27.70	4.40	-

802.11n HT20_Nss1,(MCS0)_1TX

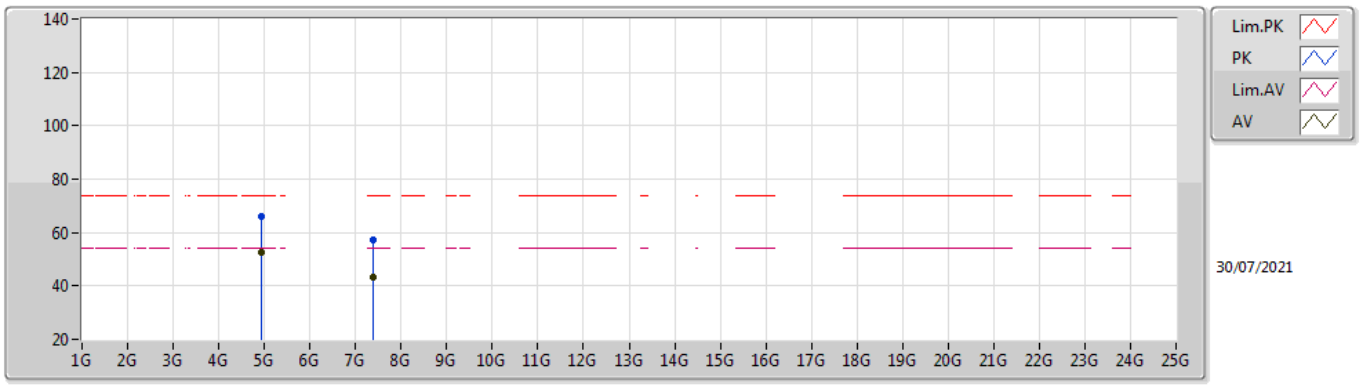
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.455G	79.12	Inf	-Inf	31.96	3	Horizontal	299	2.95	-	47.16	27.61	4.35	-
AV	2.4978G	48.31	54.00	-5.69	32.10	3	Horizontal	299	2.95	-	16.21	27.70	4.40	-
PK	2.454G	87.24	Inf	-Inf	31.96	3	Horizontal	299	2.95	-	55.28	27.61	4.35	-
PK	2.4912G	60.43	74.00	-13.57	32.07	3	Horizontal	299	2.95	-	28.36	27.68	4.39	-

802.11n HT20_Nss1,(MCS0)_1TX

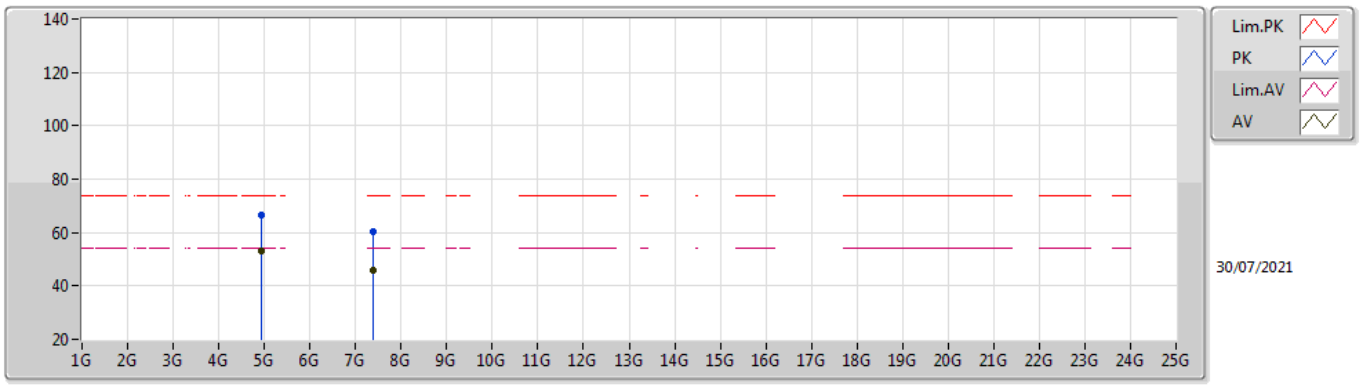
2462MHz_TX



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	52.63	54.00	-1.37	8.68	3	Vertical	180	1.44	-	43.95	31.25	6.62	29.19
AV	7.3818G	43.10	54.00	-10.90	13.53	3	Vertical	112	2.73	-	29.57	36.14	7.60	30.21
PK	4.92304G	66.04	74.00	-7.96	8.68	3	Vertical	180	1.44	-	57.36	31.25	6.62	29.19
PK	7.39272G	57.23	74.00	-16.77	13.49	3	Vertical	112	2.73	-	43.74	36.11	7.60	30.22

802.11n HT20_Nss1,(MCS0)_1TX

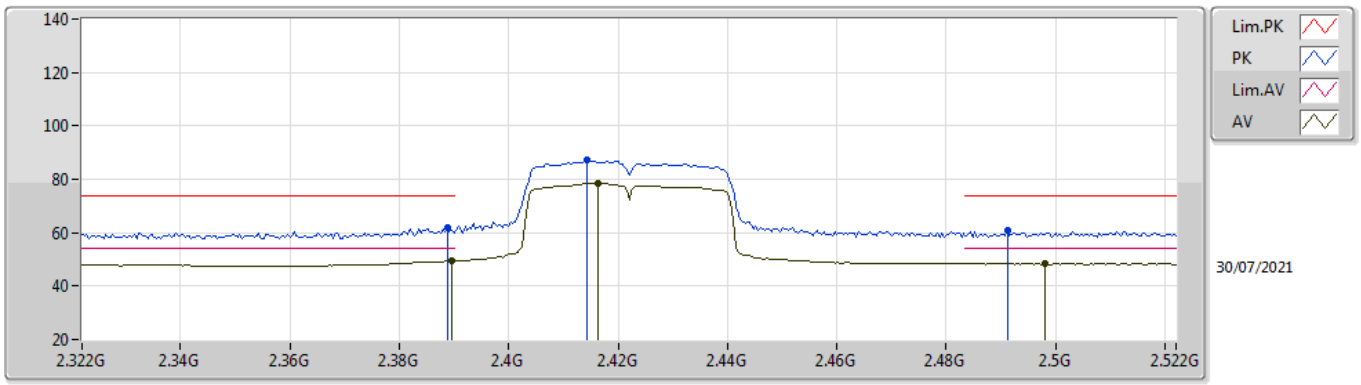
2462MHz_TX



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	4.92394G	53.27	54.00	-0.73	8.68	3	Horizontal	190	1.14	-	44.59	31.25	6.62	29.19
AV	7.38192G	46.03	54.00	-7.97	13.53	3	Horizontal	71	1.97	-	32.50	36.14	7.60	30.21
PK	4.9231G	66.76	74.00	-7.24	8.68	3	Horizontal	190	1.14	-	58.08	31.25	6.62	29.19
PK	7.3929G	60.24	74.00	-13.76	13.49	3	Horizontal	71	1.97	-	46.75	36.11	7.60	30.22

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

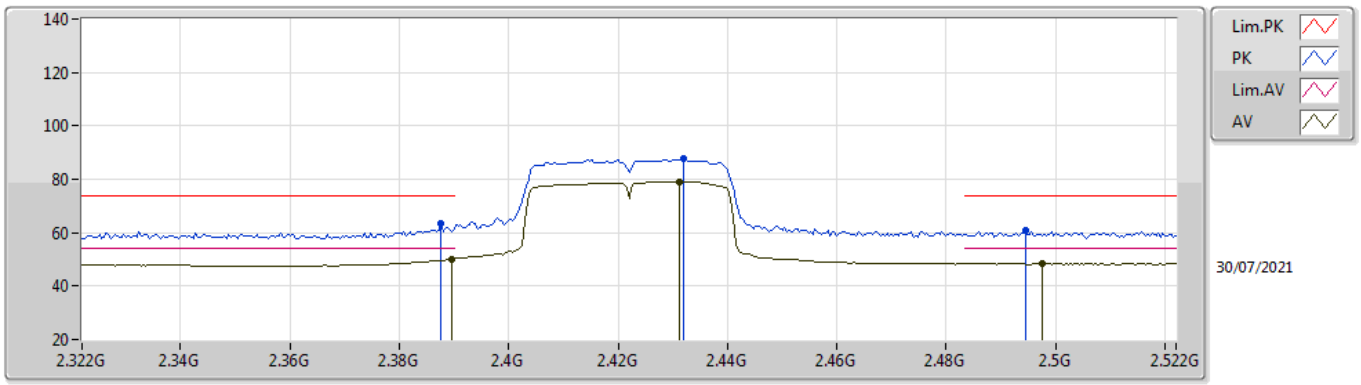


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	49.43	54.00	-4.57	31.93	3	Vertical	194	2.56	-	17.50	27.64	4.29	-
AV	2.4164G	78.34	Inf	-Inf	31.92	3	Vertical	194	2.56	-	46.42	27.60	4.32	-
AV	2.498G	48.42	54.00	-5.58	32.10	3	Vertical	194	2.56	-	16.32	27.70	4.40	-
PK	2.3888G	61.66	74.00	-12.34	31.93	3	Vertical	194	2.56	-	29.73	27.64	4.29	-
PK	2.4144G	87.04	Inf	-Inf	31.91	3	Vertical	194	2.56	-	55.13	27.60	4.31	-
PK	2.4912G	61.03	74.00	-12.97	32.07	3	Vertical	194	2.56	-	28.96	27.68	4.39	-

The radiated test of low channel for HT40 was passed by setting 56 which is same as the middle channel, therefore, the edge on the next lowest channels is not required.

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

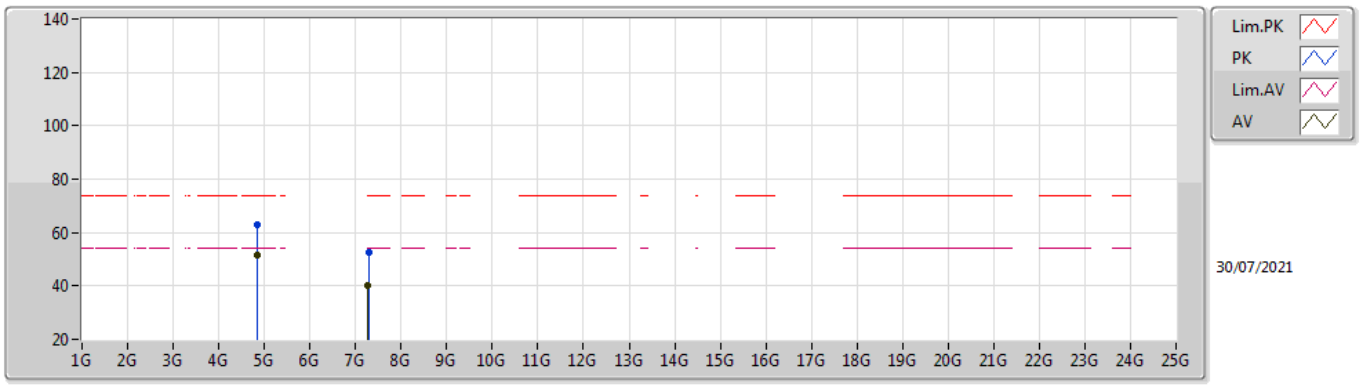


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	49.90	54.00	-4.10	31.93	3	Horizontal	209	1.11	-	17.97	27.64	4.29	-
AV	2.4312G	79.07	Inf	-Inf	31.93	3	Horizontal	209	1.11	-	47.14	27.60	4.33	-
AV	2.4976G	48.42	54.00	-5.58	32.10	3	Horizontal	209	1.11	-	16.32	27.70	4.40	-
PK	2.3876G	63.31	74.00	-10.69	31.94	3	Horizontal	209	1.11	-	31.37	27.65	4.29	-
PK	2.432G	87.90	Inf	-Inf	31.93	3	Horizontal	209	1.11	-	55.97	27.60	4.33	-
PK	2.4944G	60.62	74.00	-13.38	32.08	3	Horizontal	209	1.11	-	28.54	27.69	4.39	-

The radiated test of low channel for HT40 was passed by setting 56 which is same as the middle channel, therefore, the edge on the next lowest channels is not required.

802.11n HT40_Nss1,(MCS0)_1TX

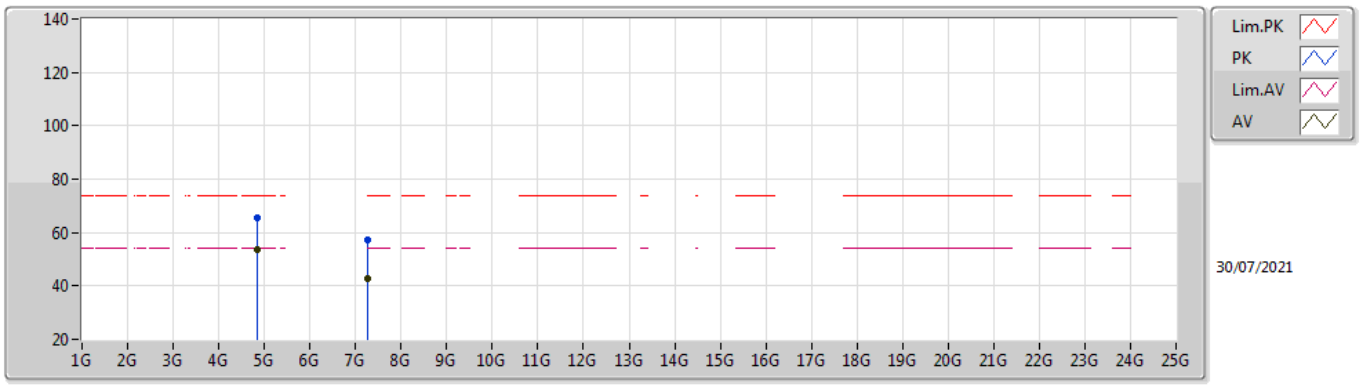
2422MHz_TX



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	4.84416G	51.64	54.00	-2.36	8.51	3	Vertical	180	1.11	-	43.13	31.19	6.54	29.22
AV	7.2692G	40.36	54.00	-13.64	13.65	3	Vertical	195	2.73	-	26.71	36.18	7.60	30.13
PK	4.84464G	63.11	74.00	-10.89	8.51	3	Vertical	180	1.11	-	54.60	31.19	6.54	29.22
PK	7.2888G	52.82	74.00	-21.18	13.71	3	Vertical	195	2.73	-	39.11	36.26	7.60	30.15

802.11n HT40_Nss1,(MCS0)_1TX

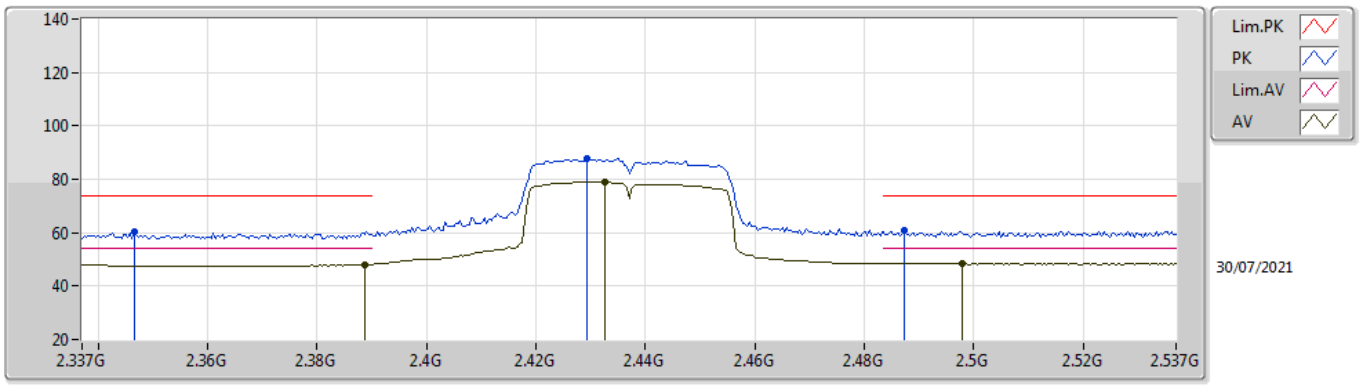
2422MHz_TX



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	4.84408G	53.85	54.00	-0.15	8.51	3	Horizontal	152	1.02	-	45.34	31.19	6.54	29.22
AV	7.26952G	42.99	54.00	-11.01	13.65	3	Horizontal	164	1.73	-	29.34	36.18	7.60	30.13
PK	4.84456G	65.52	74.00	-8.48	8.51	3	Horizontal	152	1.02	-	57.01	31.19	6.54	29.22
PK	7.26392G	57.02	74.00	-16.98	13.63	3	Horizontal	164	1.73	-	43.39	36.16	7.60	30.13

802.11n HT40_Nss1,(MCS0)_1TX

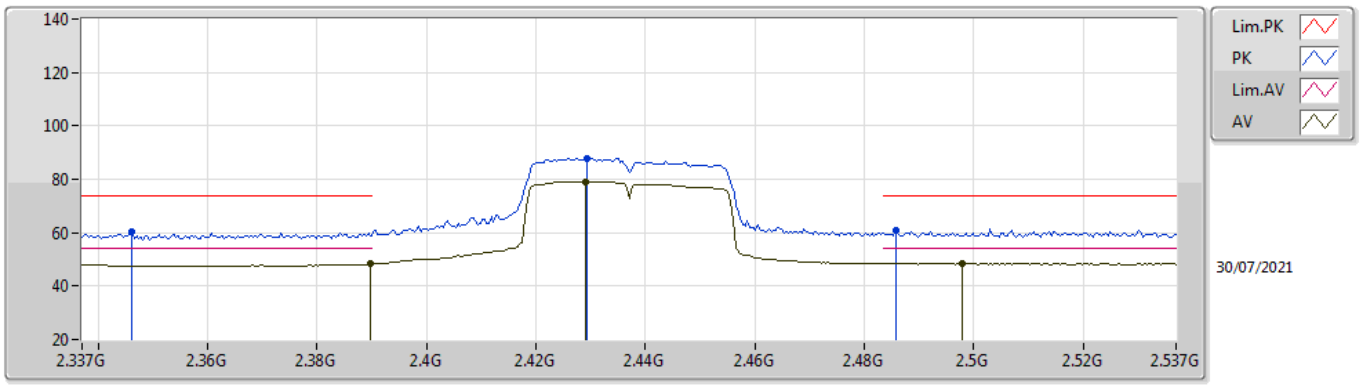
2437MHz_TX



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	2.3886G	48.13	54.00	-5.87	31.94	3	Vertical	186	1.50	-	16.19	27.65	4.29	-
AV	2.4326G	78.83	Inf	-Inf	31.93	3	Vertical	186	1.50	-	46.90	27.60	4.33	-
AV	2.4978G	48.42	54.00	-5.58	32.10	3	Vertical	186	1.50	-	16.32	27.70	4.40	-
PK	2.3466G	60.49	74.00	-13.51	32.06	3	Vertical	186	1.50	-	28.43	27.81	4.25	-
PK	2.4294G	87.75	Inf	-Inf	31.93	3	Vertical	186	1.50	-	55.82	27.60	4.33	-
PK	2.4874G	60.95	74.00	-13.05	32.06	3	Vertical	186	1.50	-	28.89	27.67	4.39	-

802.11n HT40_Nss1,(MCS0)_1TX

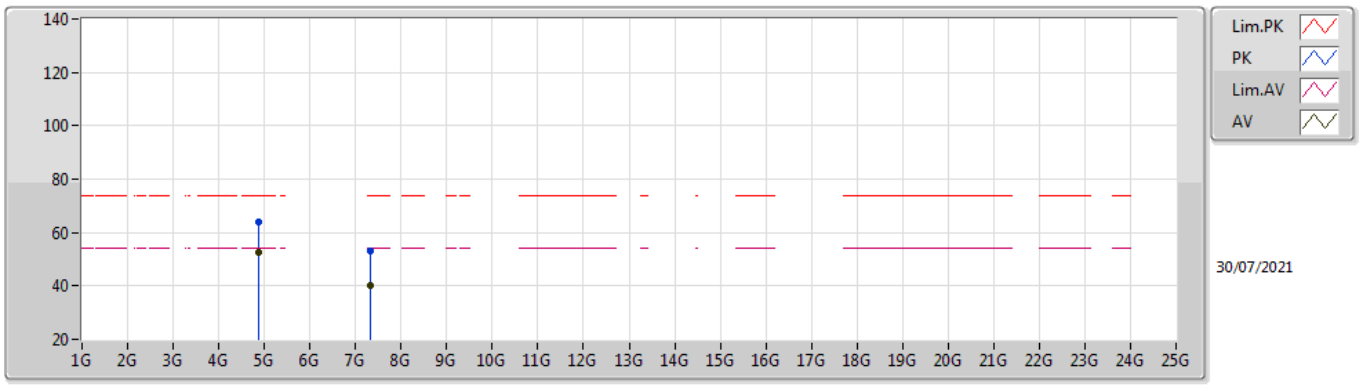
2437MHz_TX



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	48.41	54.00	-5.59	31.93	3	Horizontal	207	1.11	-	16.48	27.64	4.29	-
AV	2.429G	79.09	Inf	-Inf	31.93	3	Horizontal	207	1.11	-	47.16	27.60	4.33	-
AV	2.4978G	48.42	54.00	-5.58	32.10	3	Horizontal	207	1.11	-	16.32	27.70	4.40	-
PK	2.3462G	60.43	74.00	-13.57	32.06	3	Horizontal	207	1.11	-	28.37	27.81	4.25	-
PK	2.4294G	88.01	Inf	-Inf	31.93	3	Horizontal	207	1.11	-	56.08	27.60	4.33	-
PK	2.4858G	60.81	74.00	-13.19	32.06	3	Horizontal	207	1.11	-	28.75	27.67	4.39	-

802.11n HT40_Nss1,(MCS0)_1TX

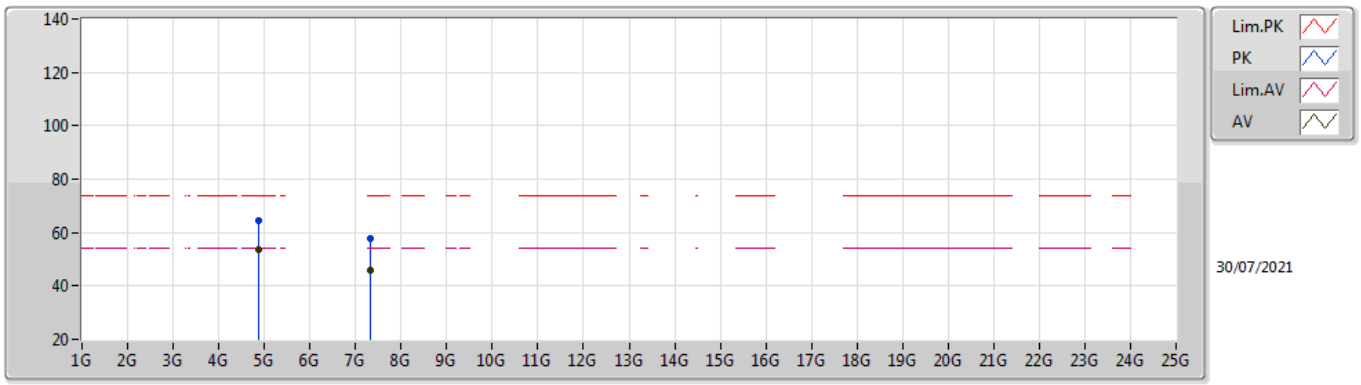
2437MHz_TX



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	4.874G	52.77	54.00	-1.23	8.56	3	Vertical	180	1.00	-	44.21	31.20	6.57	29.21
AV	7.3174G	40.22	54.00	-13.78	13.70	3	Vertical	196	2.70	-	26.52	36.27	7.60	30.17
PK	4.8744G	63.85	74.00	-10.15	8.56	3	Vertical	180	1.00	-	55.29	31.20	6.57	29.21
PK	7.3206G	53.35	74.00	-20.65	13.69	3	Vertical	196	2.70	-	39.66	36.26	7.60	30.17

802.11n HT40_Nss1,(MCS0)_1TX

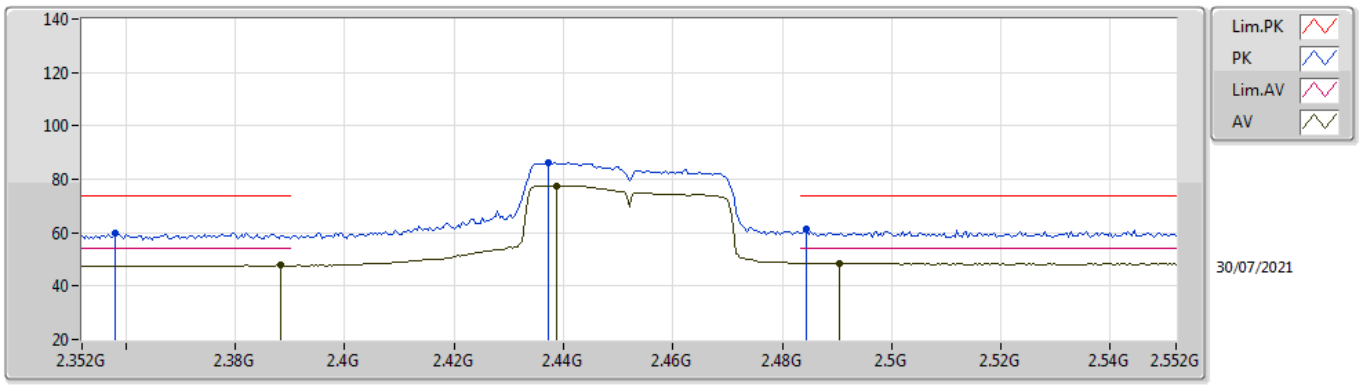
2437MHz_TX



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	4.874G	53.50	54.00	-0.50	8.56	3	Horizontal	144	1.18	-	44.94	31.20	6.57	29.21
AV	7.3146G	45.83	54.00	-8.17	13.70	3	Horizontal	164	1.87	-	32.13	36.27	7.60	30.17
PK	4.8744G	64.43	74.00	-9.57	8.56	3	Horizontal	144	1.18	-	55.87	31.20	6.57	29.21
PK	7.3134G	57.60	74.00	-16.40	13.70	3	Horizontal	164	1.87	-	43.90	36.27	7.60	30.17

802.11n HT40_Nss1,(MCS0)_1TX

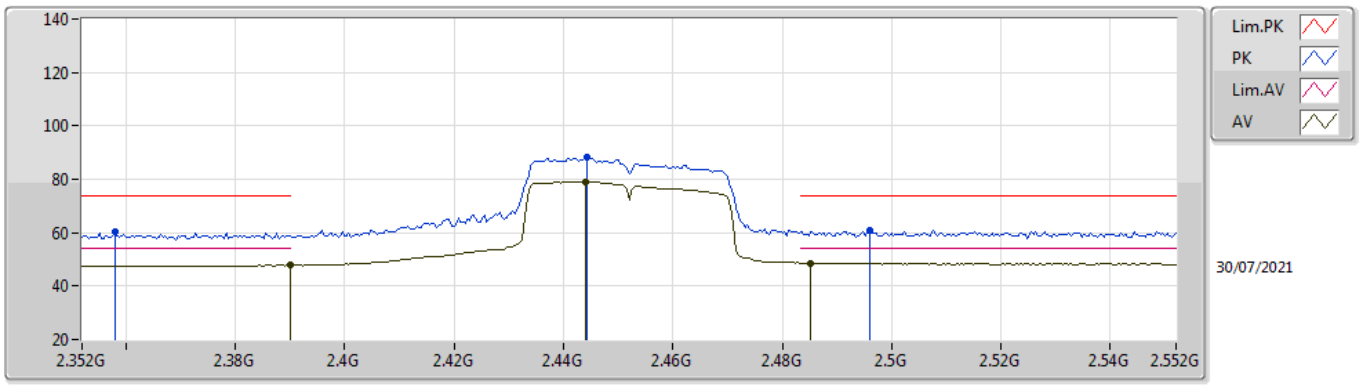
2452MHz_TX



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	2.3884G	47.84	54.00	-6.16	31.94	3	Vertical	66	1.90	-	15.90	27.65	4.29	-
AV	2.4388G	77.58	Inf	-Inf	31.94	3	Vertical	66	1.90	-	45.64	27.60	4.34	-
AV	2.4904G	48.68	54.00	-5.32	32.07	3	Vertical	66	1.90	-	16.61	27.68	4.39	-
PK	2.358G	59.88	74.00	-14.12	32.03	3	Vertical	66	1.90	-	27.85	27.77	4.26	-
PK	2.4372G	86.41	Inf	-Inf	31.94	3	Vertical	66	1.90	-	54.47	27.60	4.34	-
PK	2.4844G	61.35	74.00	-12.65	32.05	3	Vertical	66	1.90	-	29.30	27.67	4.38	-

802.11n HT40_Nss1,(MCS0)_1TX

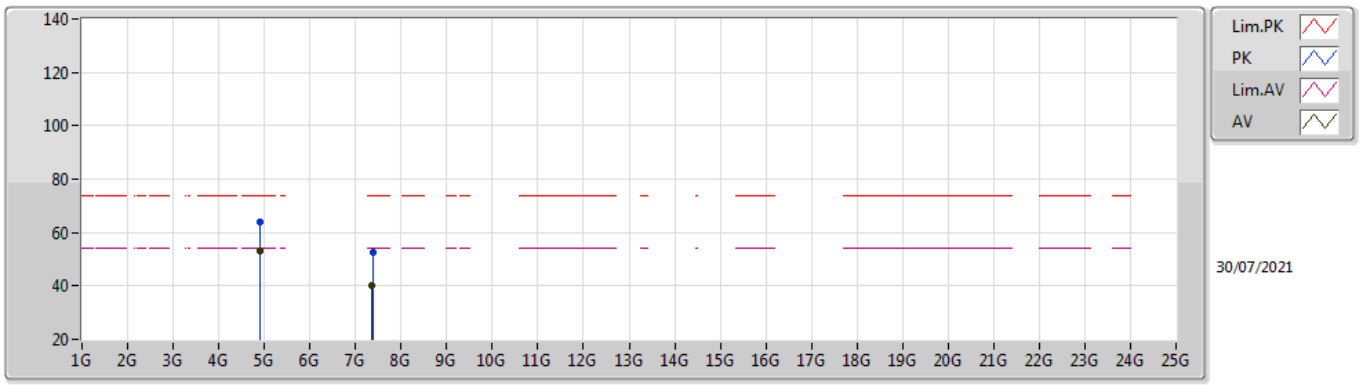
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.85	54.00	-6.15	31.93	3	Horizontal	208	1.00	-	15.92	27.64	4.29	-
AV	2.444G	79.04	Inf	-Inf	31.94	3	Horizontal	208	1.00	-	47.10	27.60	4.34	-
AV	2.4852G	48.66	54.00	-5.34	32.06	3	Horizontal	208	1.00	-	16.60	27.67	4.39	-
PK	2.358G	60.23	74.00	-13.77	32.03	3	Horizontal	208	1.00	-	28.20	27.77	4.26	-
PK	2.4444G	88.04	Inf	-Inf	31.94	3	Horizontal	208	1.00	-	56.10	27.60	4.34	-
PK	2.496G	60.63	74.00	-13.37	32.09	3	Horizontal	208	1.00	-	28.54	27.69	4.40	-

802.11n HT40_Nss1,(MCS0)_1TX

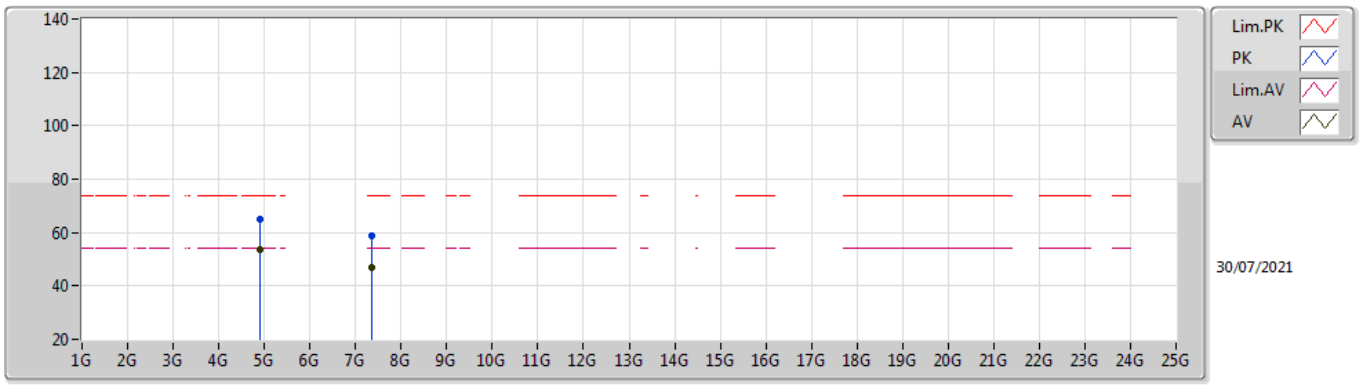
2452MHz_TX



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	4.9042G	52.94	54.00	-1.06	8.61	3	Vertical	181	1.00	-	44.33	31.21	6.60	29.20
AV	7.351G	40.33	54.00	-13.67	13.61	3	Vertical	196	2.71	-	26.72	36.20	7.60	30.19
PK	4.9046G	64.06	74.00	-9.94	8.61	3	Vertical	181	1.00	-	55.45	31.21	6.60	29.20
PK	7.3734G	52.60	74.00	-21.40	13.54	3	Vertical	196	2.71	-	39.06	36.15	7.60	30.21

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	4.904G	53.73	54.00	-0.27	8.61	3	Horizontal	166	1.27	-	45.12	31.21	6.60	29.20
AV	7.3514G	46.78	54.00	-7.22	13.61	3	Horizontal	190	1.50	-	33.17	36.20	7.60	30.19
PK	4.9046G	64.95	74.00	-9.05	8.61	3	Horizontal	166	1.27	-	56.34	31.21	6.60	29.20
PK	7.3468G	58.79	74.00	-15.21	13.62	3	Horizontal	190	1.50	-	45.17	36.21	7.60	30.19