FCC Test Report

Equipment	:	**802.11abgn Wireless USB Module**
Brand Name	:	**SparkLAN**
Model No.	:	**WUBR-507N(M); WUBR-507N(MU)**
FCC ID	:	**RYK-WUBR507N**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☐ Point-to-point**
Applicant / Manufacturer	:	**SparkLAN Communications, Inc. 8F., No.257, Sec. 2, Tiding Blvd., Neihu District, Taipei City 11493, Taiwan**

This report was evaluated for permissive change.The product sample received on Dec. 22, 2017 and completely tested on Dec. 29, 2017. We, SPORTON, 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., the test report shall not be reproduced except in full.

Phoenix Chen / Assistant Manager

Testing Laboratory 1190

Table of Contents

Summary of Test Result

Conformance Test Specifications				
Report Clause	**Ref. Std. Clause**	**Description**	**Limit**	**Result**
1.1.2	15.203	Antenna Requirement	FCC 15.203	Complied
3.1	15.207	AC Power-line Conducted Emissions	FCC 15.207	Complied
3.2	15.247(d)	Emissions in Non-restricted Frequency Bands	Non-Restricted Bands: > 20 dBc	Complied
3.3	15.247(d)	Emissions in Restricted Frequency Bands	Restricted Bands: FCC 15.209	Complied

Revision History

Report No.	Version	Description	Issued Date
FR0O1817-12AC	Rev. 01	Initial issue of report	Jan. 12, 2018

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(Port 1)
2.4-2.4835GHz	802.11g	20	1TX(Port 1)
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	PCB	U.FL connector	1.87

Note: 1: 802.11b/g only includes 1TX and Port1 for emission.

Note: 2: 802.11n used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)

Note: 3: Antenna was provided by customer.

1.1.3 EUT Information

Operational Condition					
EUT Power Type	From system				
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 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR0O1817

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Update ANSI C63.10-2013	AC Conduction and Spurious Emission were evaluated

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
- KDB 558074 D01 v04

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Eric	21.5°C / 55%	29/Dec/2017
AC Conduction	CO04-HY	Thor	24.5°C / 45%	27/Dec/2017
RF Conducted	TH06-HY	Tim	22.5°C / 66%	28/Dec/2017

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)	3.6 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 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
Operating Mode	CTX
1	USB Mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	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	CTX		
1	USB Mode		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT			V

2.2 Support Equipment

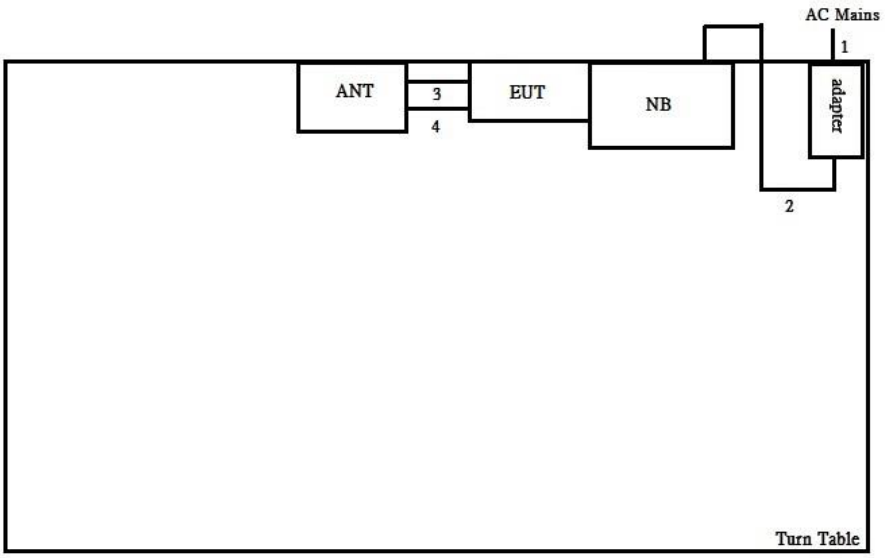
Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5430	DOC
2	Adapter for NB	DELL	LA65NS2-01	N/A

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5430	DOC
2	Adapter for NB	DELL	LA65NS2-01	N/A

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DOC
2	Adapter for NB	DELL	HA65NM130	DOC

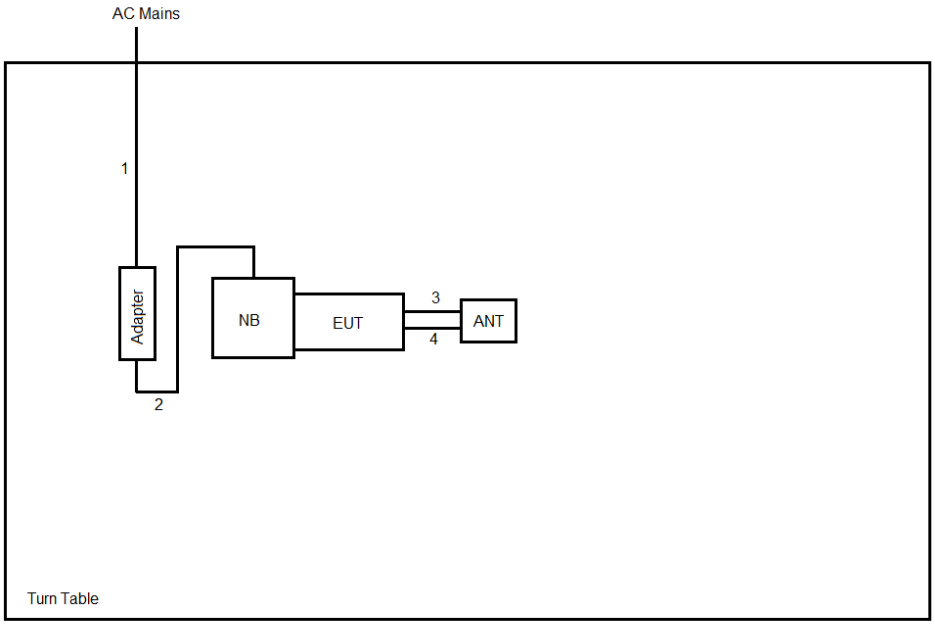
2.3 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8m	-
2	DC Power line	No	1.7m	-
3	RF cable	No	0.4m	
4	RF cable	No	0.6m	

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8m	-
2	DC Power line	No	1.0m	-
3	RF cable	No	0.4m	
4	RF cable	No	0.6m	

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

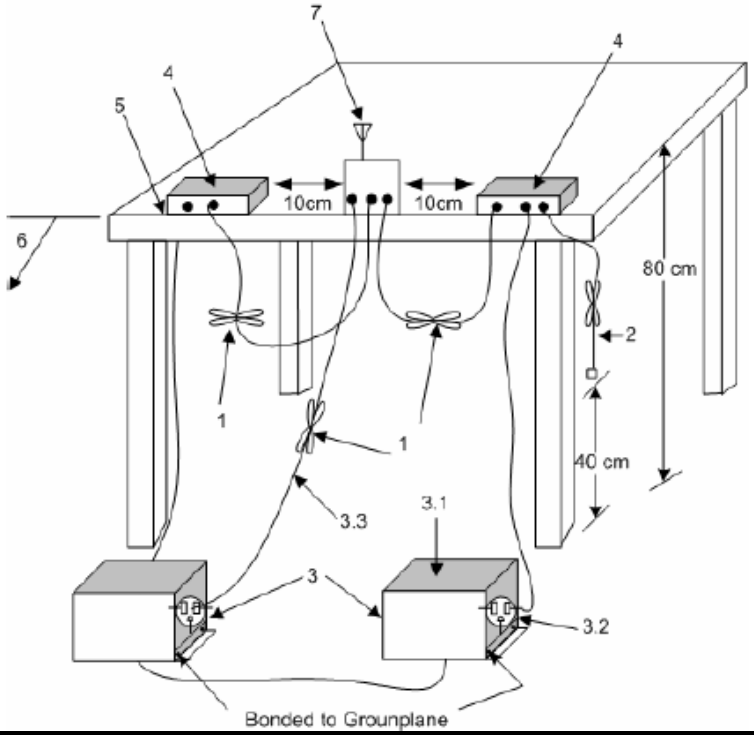
Refer a test equipment and calibration data table in this test report.

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 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emissions in Non-restricted Frequency Bands

3.2.1 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 PSD 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 PSD level.	

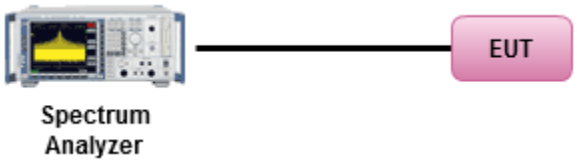
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
▪ Refer as KDB 558074, clause 11 for unwanted emissions into non-restricted bands.

3.2.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.2.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix B

3.3 Emissions in Restricted Frequency Bands

3.3.1 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.

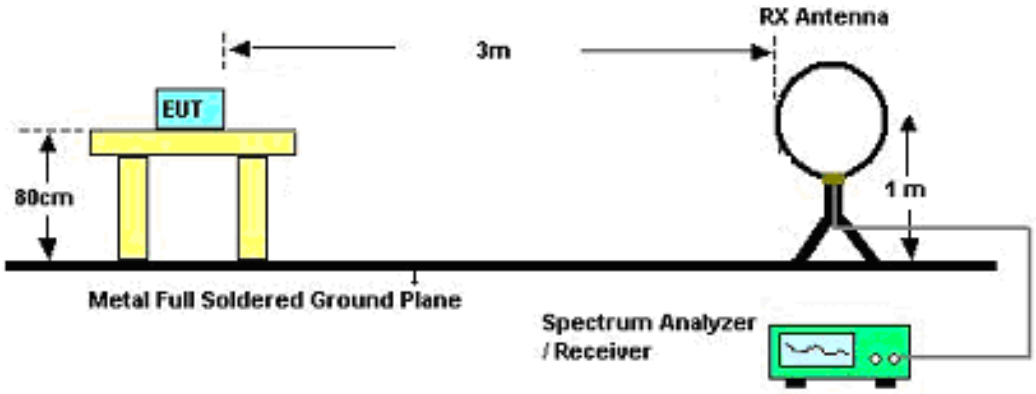
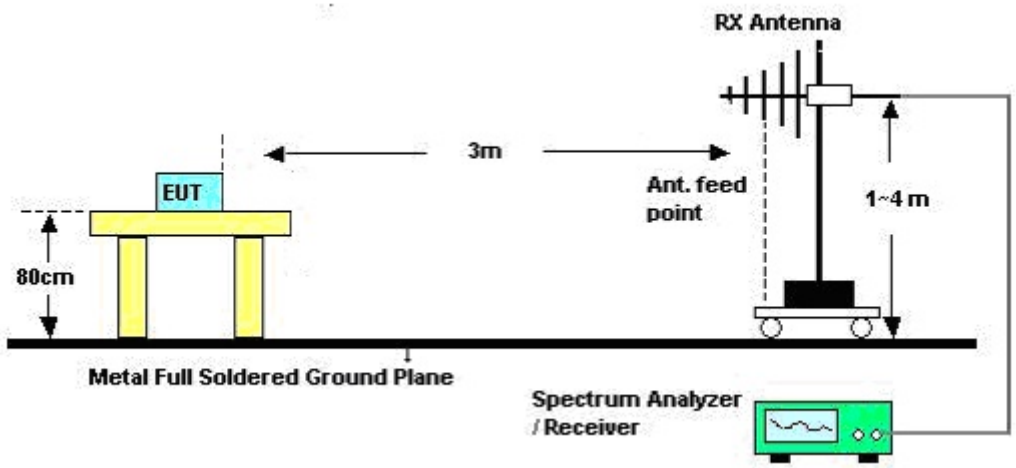
3.3.2 Measuring Instruments

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

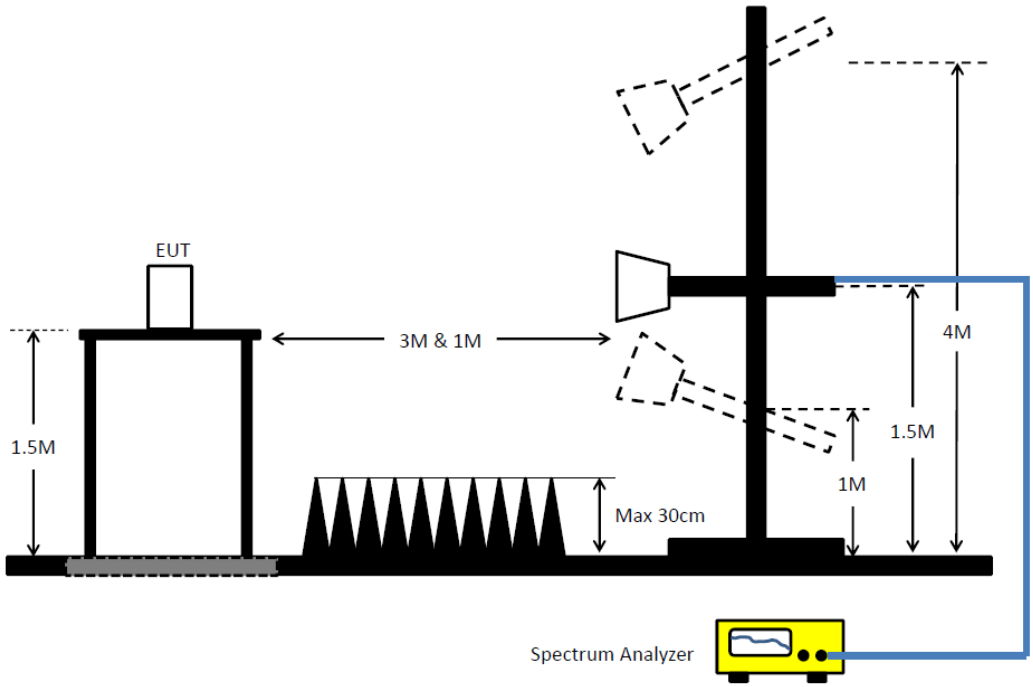
3.3.3 Test Procedures

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 12 for unwanted emissions into restricted bands.	
		☒ Refer as KDB 558074, clause 12.2.5.3 (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW≥1/T.
		☒ Refer as KDB 558074, clause 12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:		
	▪ Refer as KDB 558074 clause 13.1, 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 13.2 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.	
	▪ Refer as KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).	
▪ For conducted and cabinet radiation measurement, refer as KDB 558074, clause 12.2.2.		
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB	
	▪ For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.	

3.3.4 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.3.5 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.

3.3.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix C

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018

NCR : Non-Calibration Require

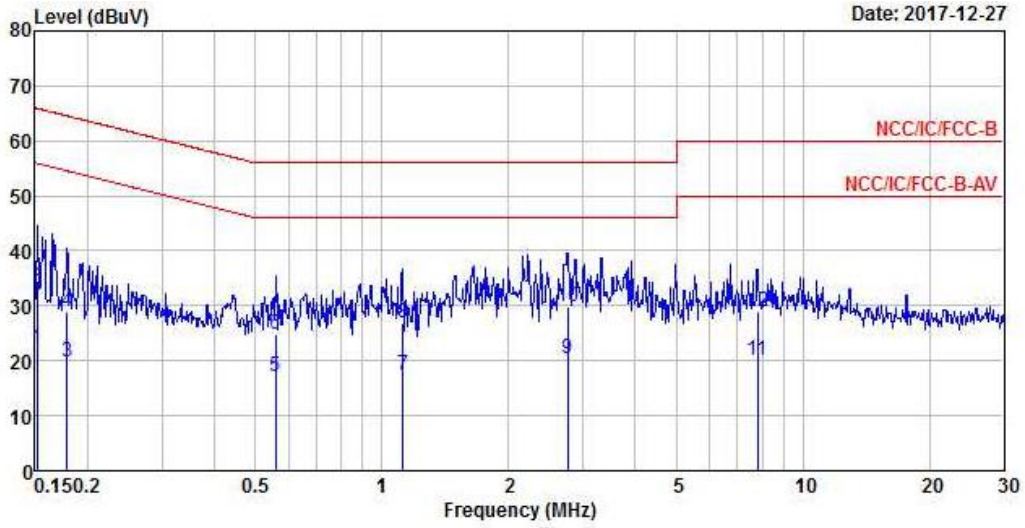
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	25/Apr/2017	24/Apr/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	21/Jun/2017	20/Jun/2018
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	25/Apr/2017	24/Apr/2018
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	25/Apr/2017	24/Apr/2018
Spectrum Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna	TESEQ	CBL 6111D	35418	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	02/Feb/2017	01/Feb/2018
RF Cable-high	Jye Bao	RG142	03CH09-HY	1GHz ~ 40GHz	02/Feb/2017	01/Feb/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40 ~ 100℃	21/Nov/2016	20/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY677/3	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY678/3	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY23000/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12586/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

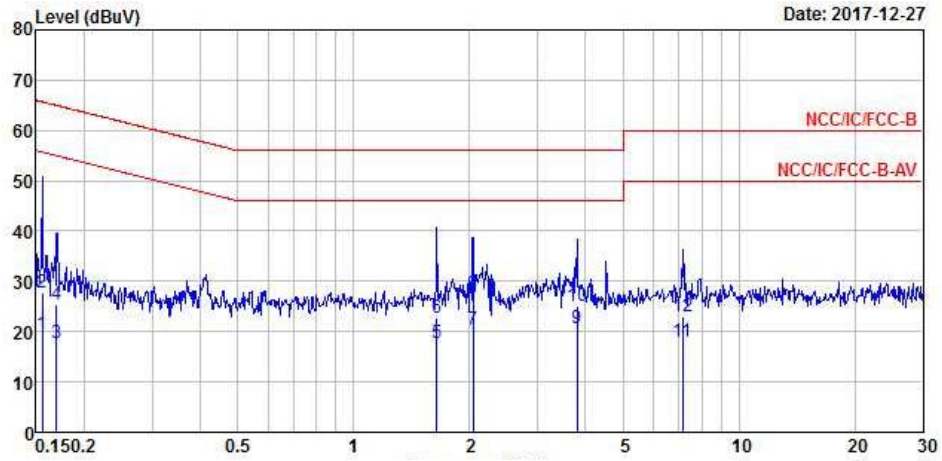
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	USB mode		



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.1516	22.20	-33.71	55.91	12.53	9.63	0.04	Average
2		0.1516	34.45	-31.46	65.91	24.78	9.63	0.04	QP
3		0.1787	19.67	-34.88	54.55	10.03	9.62	0.02	Average
4		0.1787	29.01	-35.54	64.55	19.37	9.62	0.02	QP
5		0.5581	17.05	-28.95	46.00	7.38	9.61	0.06	Average
6		0.5581	24.69	-31.31	56.00	15.02	9.61	0.06	QP
7		1.1233	17.27	-28.73	46.00	7.65	9.62	0.00	Average
8		1.1233	26.99	-29.01	56.00	17.37	9.62	0.00	QP
9	MAX	2.7648	20.25	-25.75	46.00	10.58	9.63	0.04	Average
10		2.7648	29.68	-26.32	56.00	20.01	9.63	0.04	QP
11		7.8102	20.14	-29.86	50.00	10.29	9.68	0.17	Average
12		7.8102	28.87	-31.13	60.00	19.02	9.68	0.17	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	USB mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1557	19.58	-36.11	55.69	9.92	9.62	0.04	Average
2	0.1557	27.71	-37.98	65.69	18.05	9.62	0.04	QP
3	0.1694	17.77	-37.22	54.99	8.13	9.62	0.02	Average
4	0.1694	25.41	-39.58	64.99	15.77	9.62	0.02	QP
5	1.6450	17.59	-28.41	46.00	7.97	9.62	0.00	Average
6	1.6450	22.78	-33.22	56.00	13.16	9.62	0.00	QP
7	2.0441	20.27	-25.73	46.00	10.65	9.62	0.00	Average
8	2.0441	27.33	-28.67	56.00	17.71	9.62	0.00	QP
9 MAX	3.7994	20.81	-25.19	46.00	11.10	9.63	0.08	Average
10	3.7994	25.11	-30.89	56.00	15.40	9.63	0.08	QP
11	7.1374	18.09	-31.91	50.00	8.28	9.65	0.16	Average
12	7.1374	22.98	-37.02	60.00	13.17	9.65	0.16	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.460955G	3.30	-16.70	2.30641G	-56.87	2.39704G	-40.89	2.49102G	-54.71	15.197436G	-52.92	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.459953G	-4.77	-24.77	2.309905G	-58.16	2.39992G	-42.97	2.50038G	-55.76	16.293166G	-51.61	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.434068G	-5.31	-25.31	2.305245G	-57.56	2.39992G	-43.26	2.5007G	-55.59	3.214652G	-52.03	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.414028G	-9.58	-29.58	2.305115G	-58.21	2.3992G	-46.88	2.48558G	-54.95	16.289029G	-52.01	1

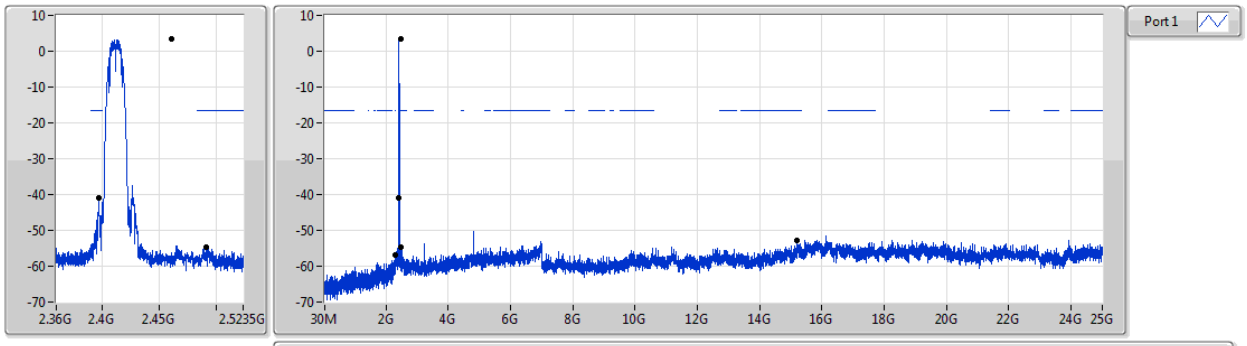
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.460955G	3.30	-16.70	2.30641G	-56.87	2.39704G	-40.89	2.49102G	-54.71	15.197436G	-52.92	1
2437MHz_TnomVnom	Pass	2.460955G	3.30	-16.70	2.305245G	-57.49	2.3968G	-56.07	2.49166G	-54.88	17.439467G	-52.54	1
2462MHz_TnomVnom	Pass	2.460955G	3.30	-16.70	2.30641G	-57.19	2.39248G	-54.79	2.48374G	-53.55	16.245403G	-51.69	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.459953G	-4.77	-24.77	2.309905G	-58.16	2.39992G	-42.97	2.50038G	-55.76	16.293166G	-51.61	1
2437MHz_TnomVnom	Pass	2.459953G	-4.77	-24.77	2.30175G	-57.21	2.39192G	-56.14	2.49094G	-53.49	16.236975G	-52.88	1
2462MHz_TnomVnom	Pass	2.459953G	-4.77	-24.77	2.30874G	-56.27	2.3952G	-53.84	2.51582G	-52.89	17.262465G	-51.88	1
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.434068G	-5.31	-25.31	2.305245G	-57.56	2.39992G	-43.26	2.5007G	-55.59	3.214652G	-52.03	1
2412MHz_TnomVnom	Pass	2.434068G	-5.31	-25.31	2.090885G	-57.53	2.39992G	-44.86	2.49006G	-56.17	16.276308G	-51.73	2
2437MHz_TnomVnom	Pass	2.434068G	-5.31	-25.31	2.30641G	-59.23	2.39624G	-55.77	2.4895G	-52.50	16.214498G	-52.71	1
2437MHz_TnomVnom	Pass	2.434068G	-5.31	-25.31	2.30874G	-58.00	2.39184G	-56.26	2.48846G	-51.67	16.84384G	-51.58	2
2462MHz_TnomVnom	Pass	2.434068G	-5.31	-25.31	2.309905G	-58.00	2.3948G	-55.08	2.51462G	-53.09	16.225736G	-52.55	1
2462MHz_TnomVnom	Pass	2.434068G	-5.31	-25.31	2.30175G	-57.08	2.39424G	-55.65	2.48358G	-53.55	16.225736G	-52.39	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.414028G	-9.58	-29.58	2.305115G	-58.21	2.3992G	-46.88	2.48558G	-54.95	16.289029G	-52.01	1
2422MHz_TnomVnom	Pass	2.414028G	-9.58	-29.58	1.787575G	-58.18	2.39888G	-47.79	2.5243G	-55.51	6.851676G	-52.42	2
2437MHz_TnomVnom	Pass	2.414028G	-9.58	-29.58	2.30855G	-58.38	2.39696G	-55.22	2.5387G	-55.85	16.238547G	-51.95	1
2437MHz_TnomVnom	Pass	2.414028G	-9.58	-29.58	2.300535G	-57.91	2.39776G	-55.30	2.5187G	-55.72	16.294638G	-52.03	2
2452MHz_TnomVnom	Pass	2.414028G	-9.58	-29.58	2.300535G	-59.30	2.39424G	-55.95	2.49006G	-52.29	16.258179G	-52.42	1
2452MHz_TnomVnom	Pass	2.414028G	-9.58	-29.58	2.300535G	-57.82	2.39936G	-55.87	2.48366G	-53.19	16.204892G	-51.53	2

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

2412MHz

28/12/2017

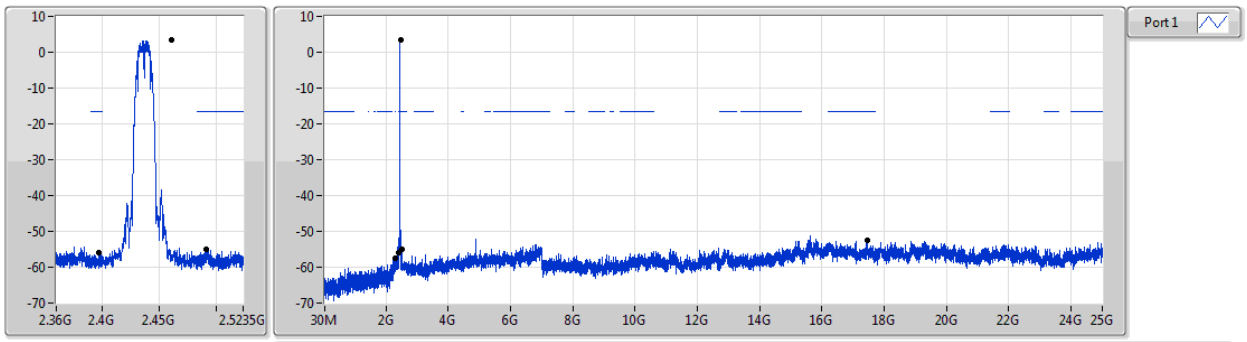


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460955G	3.30	-16.70	2.30641G	-56.87	2.39704G	-40.89	2.49102G	-54.71	15.197436G	-52.92	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

2437MHz

28/12/2017

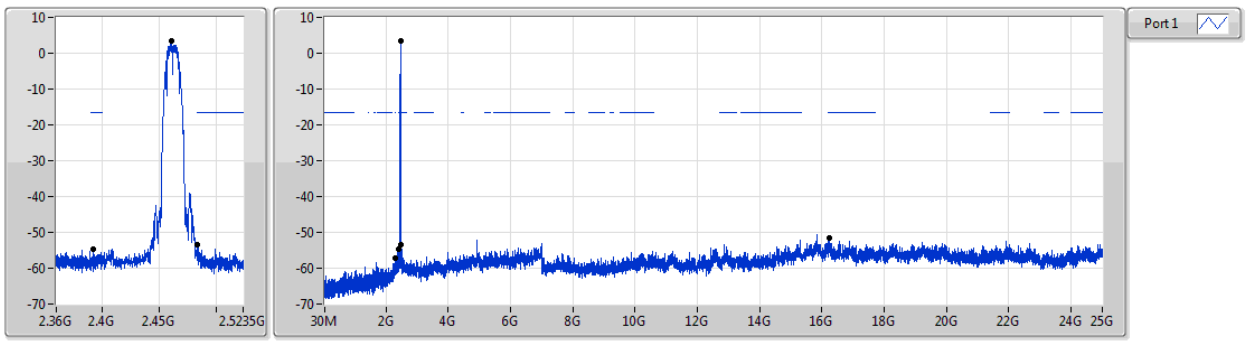


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460955G	3.30	-16.70	2.305245G	-57.49	2.3968G	-56.07	2.49166G	-54.88	17.439467G	-52.54	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

2462MHz

28/12/2017

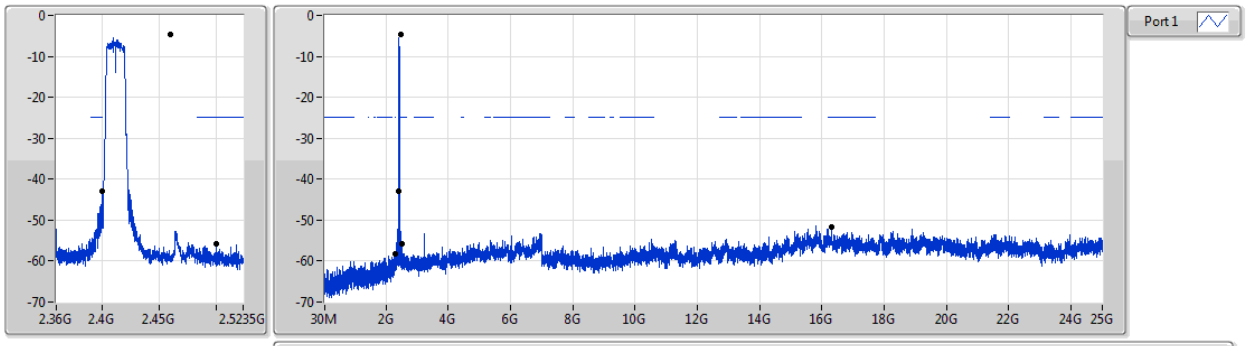


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460955G	3.30	-16.70	2.30641G	-57.19	2.39248G	-54.79	2.48374G	-53.55	16.245403G	-51.69	1

802.11g_Nss1,(6Mbps)_1TX **CSE NdB**

2412MHz

28/12/2017

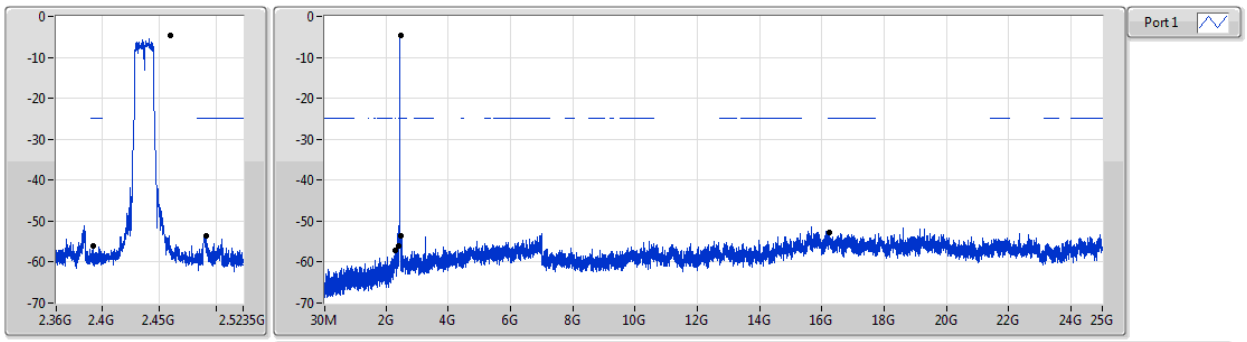


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.459953G	-4.77	-24.77	2.309905G	-58.16	2.39992G	-42.97	2.50038G	-55.76	16.293166G	-51.61	1

802.11g_Nss1,(6Mbps)_1TX **CSE NdB**

2437MHz

28/12/2017

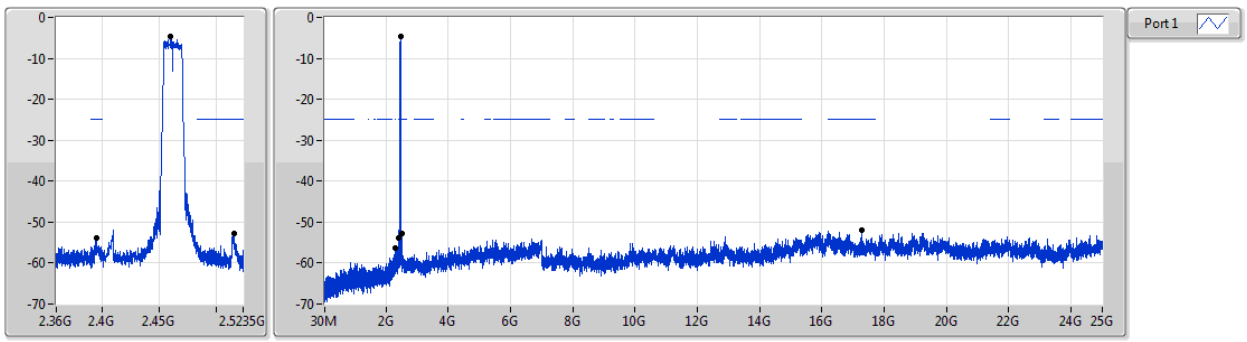


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.459953G	-4.77	-24.77	2.30175G	-57.21	2.39192G	-56.14	2.49094G	-53.49	16.236975G	-52.88	1

802.11g_Nss1,(6Mbps)_1TX **CSE NdB**

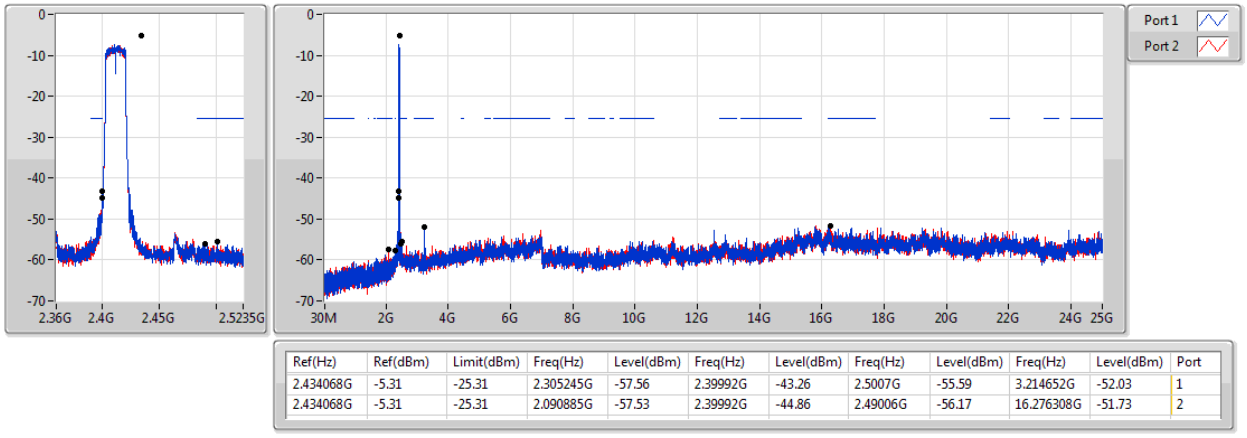
2462MHz

28/12/2017



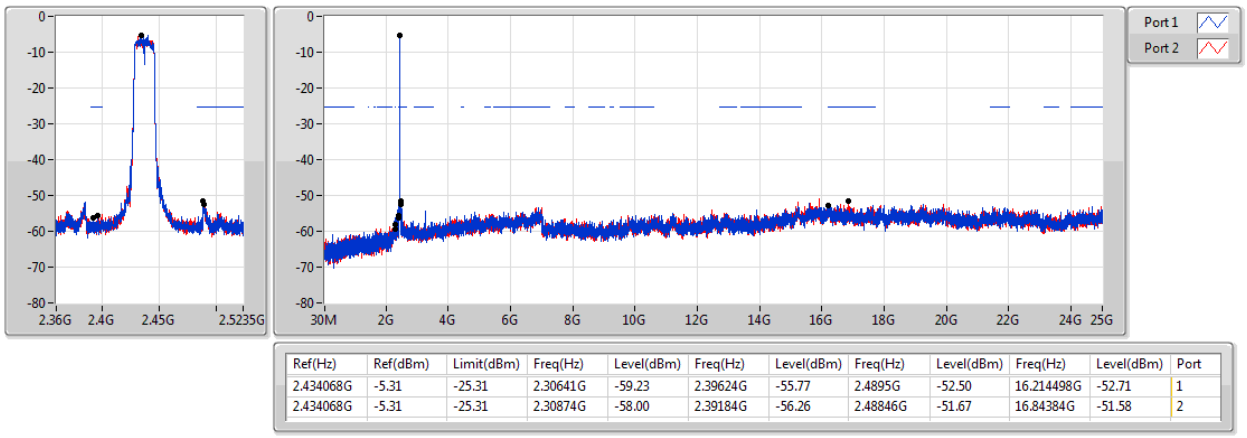
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.459953G	-4.77	-24.77	2.30874G	-56.27	2.3952G	-53.84	2.51582G	-52.89	17.262465G	-51.88	1

802.11n HT20_Nss1,(MCS0)_2TX
2412MHz
CSE NdB
28/12/2017



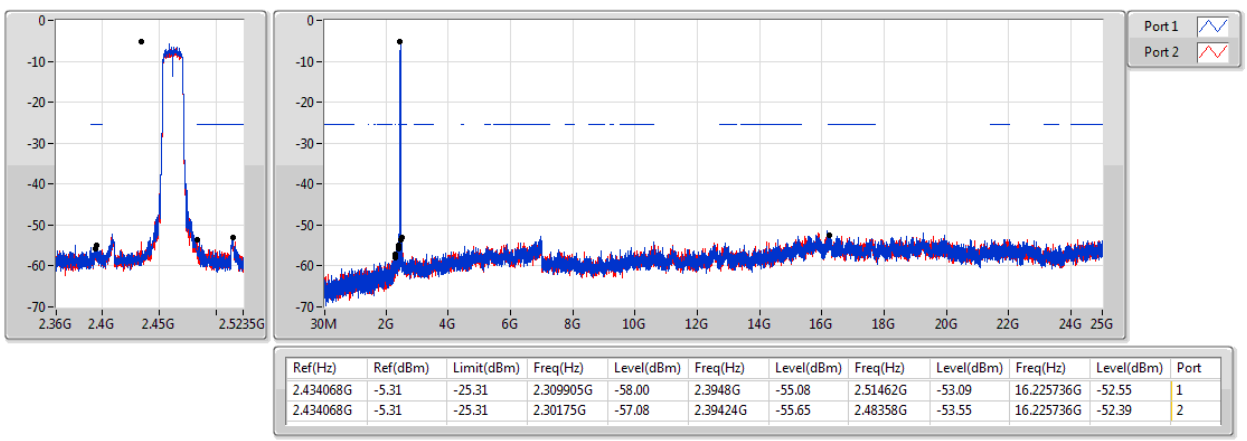
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434068G	-5.31	-25.31	2.305245G	-57.56	2.39992G	-43.26	2.5007G	-55.59	3.214652G	-52.03	1
2.434068G	-5.31	-25.31	2.090885G	-57.53	2.39992G	-44.86	2.49006G	-56.17	16.276308G	-51.73	2

802.11n HT20_Nss1,(MCS0)_2TX
2437MHz
CSE NdB
28/12/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434068G	-5.31	-25.31	2.30641G	-59.23	2.39624G	-55.77	2.4895G	-52.50	16.214498G	-52.71	1
2.434068G	-5.31	-25.31	2.30874G	-58.00	2.39184G	-56.26	2.48846G	-51.67	16.84384G	-51.58	2

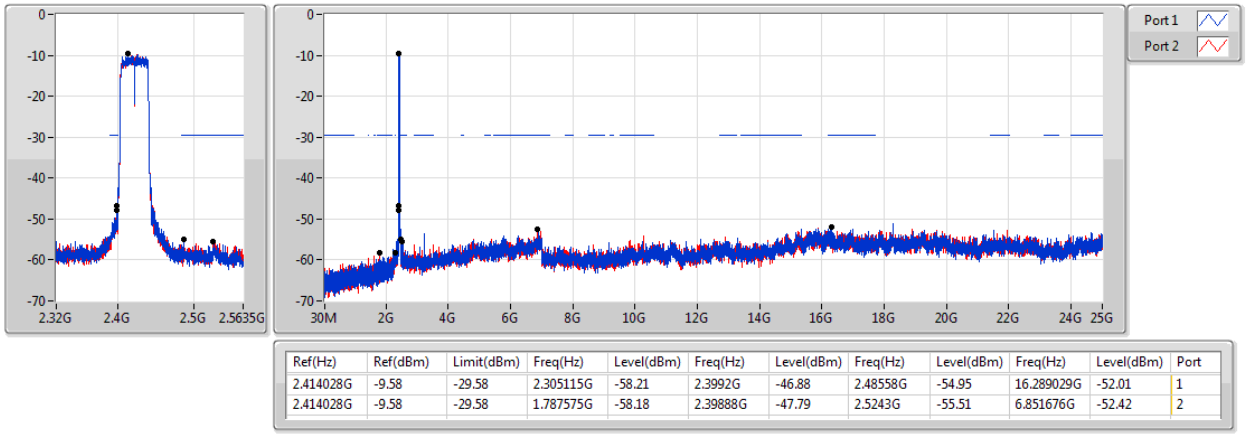
802.11n HT20_Nss1,(MCS0)_2TX
2462MHz
CSE NdB
28/12/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434068G	-5.31	-25.31	2.309905G	-58.00	2.3948G	-55.08	2.51462G	-53.09	16.225736G	-52.55	1
2.434068G	-5.31	-25.31	2.30175G	-57.08	2.39424G	-55.65	2.48358G	-53.55	16.225736G	-52.39	2

802.11n HT40_Nss1,(MCS0)_2TX
CSE NdB
2422MHz

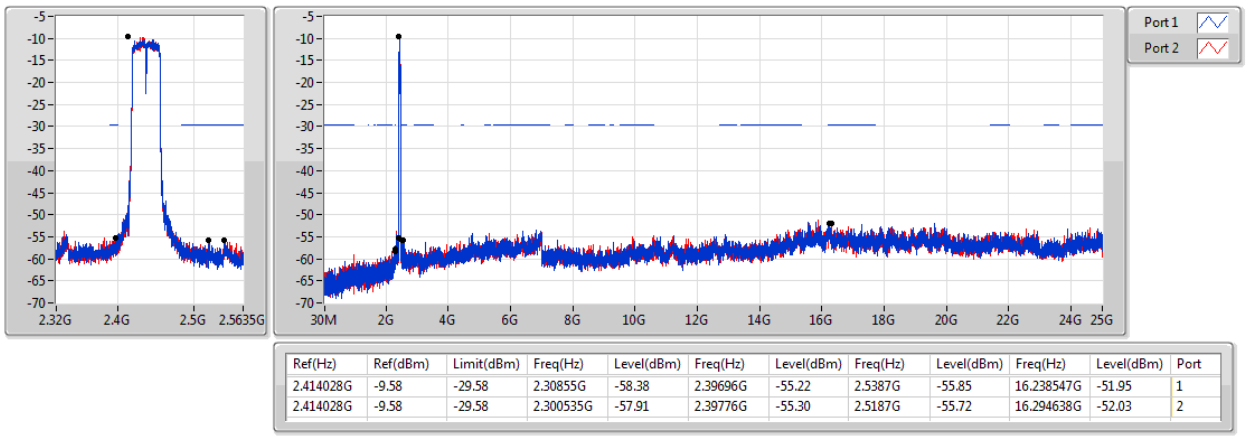
28/12/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.414028G	-9.58	-29.58	2.305115G	-58.21	2.3992G	-46.88	2.48558G	-54.95	16.289029G	-52.01	1
2.414028G	-9.58	-29.58	1.787575G	-58.18	2.39888G	-47.79	2.5243G	-55.51	6.851676G	-52.42	2

802.11n HT40_Nss1,(MCS0)_2TX
CSE NdB
2437MHz

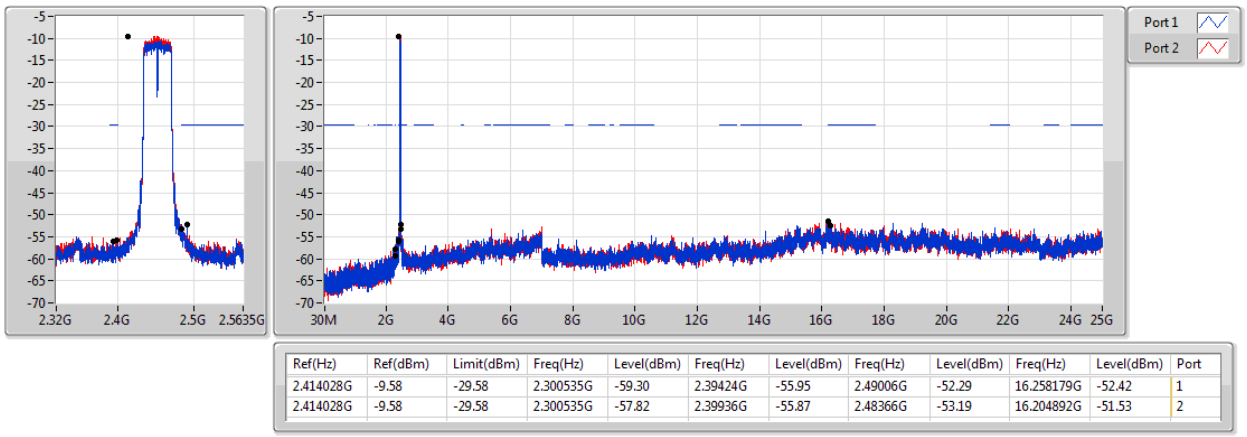
28/12/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.414028G	-9.58	-29.58	2.30855G	-58.38	2.39696G	-55.22	2.5387G	-55.85	16.238547G	-51.95	1
2.414028G	-9.58	-29.58	2.300535G	-57.91	2.39776G	-55.30	2.5187G	-55.72	16.294638G	-52.03	2

802.11n HT40_Nss1,(MCS0)_2TX
CSE NdB
2452MHz

28/12/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.414028G	-9.58	-29.58	2.300535G	-59.30	2.39424G	-55.95	2.49006G	-52.29	16.258179G	-52.42	1
2.414028G	-9.58	-29.58	2.300535G	-57.82	2.39936G	-55.87	2.48366G	-53.19	16.204892G	-51.53	2

Summary

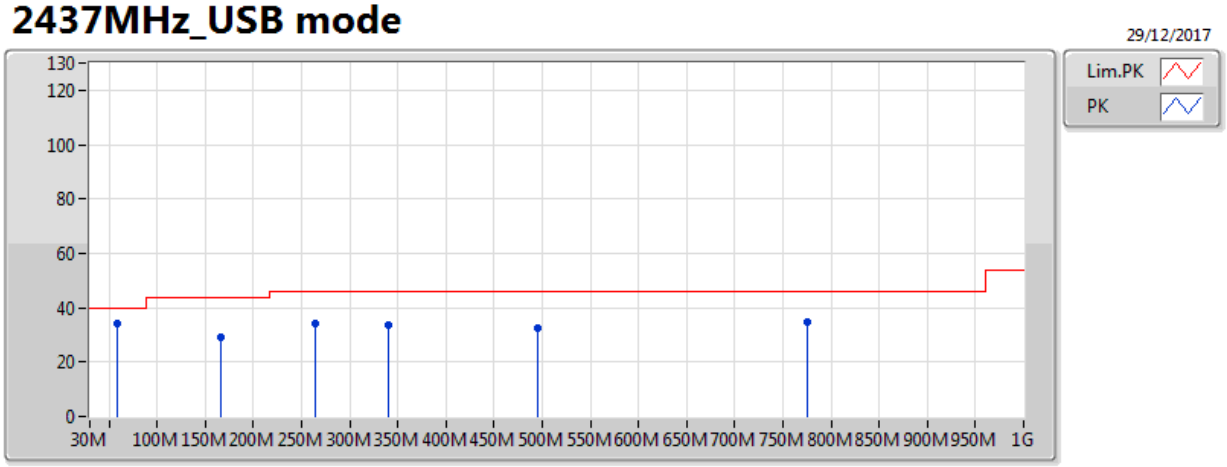
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	165.8M	39.38	43.50	-4.12	-19.23	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	97.9M	35.86	43.50	-7.64	-20.34	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	165.8M	39.38	43.50	-4.12	-19.23	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	262.8M	36.74	46.00	-9.26	-14.46	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	315.18M	37.13	46.00	-8.87	-14.87	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	482.02M	31.11	46.00	-14.89	-10.14	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	773.02M	37.22	46.00	-8.78	-5.40	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	59.1M	33.97	40.00	-6.03	-24.76	3	Vertical	0	1.00	-
2437MHz	Pass	PK	165.8M	29.30	43.50	-14.20	-19.23	3	Vertical	0	1.00	-
2437MHz	Pass	PK	264.74M	34.32	46.00	-11.68	-14.59	3	Vertical	0	1.00	-
2437MHz	Pass	PK	340.4M	33.58	46.00	-12.42	-14.09	3	Vertical	0	1.00	-
2437MHz	Pass	PK	495.6M	32.30	46.00	-13.70	-9.85	3	Vertical	0	1.00	-
2437MHz	Pass	PK	774.96M	34.55	46.00	-11.45	-5.37	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

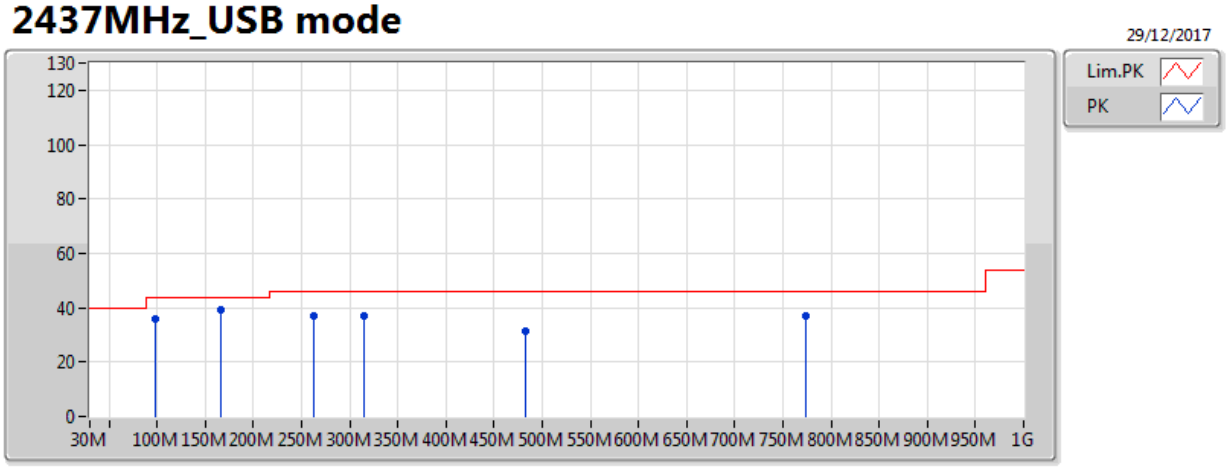
2437MHz_USB mode



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	59.1M	33.97	40.00	-6.03	-24.76	3	Vertical	0	1.00	-	58.73	11.08	1.25	37.09
PK	165.8M	29.30	43.50	-14.20	-19.23	3	Vertical	0	1.00	-	48.53	15.18	2.12	36.53
PK	264.74M	34.32	46.00	-11.68	-14.59	3	Vertical	0	1.00	-	48.91	19.15	2.68	36.42
PK	340.4M	33.58	46.00	-12.42	-14.09	3	Vertical	0	1.00	-	47.67	19.34	3.08	36.51
PK	495.6M	32.30	46.00	-13.70	-9.85	3	Vertical	0	1.00	-	42.15	23.16	3.90	36.91
PK	774.96M	34.55	46.00	-11.45	-5.37	3	Vertical	0	1.00	-	39.92	27.34	4.73	37.44

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_USB mode



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	97.9M	35.86	43.50	-7.64	-20.34	3	Horizontal	360	1.00	-	56.20	14.88	1.59	36.81
PK	165.8M	39.38	43.50	-4.12	-19.23	3	Horizontal	360	1.00	-	58.61	15.18	2.12	36.53
PK	262.8M	36.74	46.00	-9.26	-14.46	3	Horizontal	360	1.00	-	51.20	19.29	2.67	36.42
PK	315.18M	37.13	46.00	-8.87	-14.87	3	Horizontal	360	1.00	-	52.00	18.58	3.02	36.47
PK	482.02M	31.11	46.00	-14.89	-10.14	3	Horizontal	360	1.00	-	41.25	22.93	3.80	36.87
PK	773.02M	37.22	46.00	-8.78	-5.40	3	Horizontal	360	1.00	-	42.62	27.33	4.71	37.44

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.4838G	45.50	54.00	-8.50	30.79	3	Horizontal	121	1.01	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4902G	45.72	54.00	-8.28	30.81	3	Horizontal	118	1.01	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4886G	45.98	54.00	-8.02	30.81	3	Horizontal	117	1.09	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4962G	45.24	54.00	-8.76	30.84	3	Horizontal	117	1.29	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3892G	44.11	54.00	-9.89	30.45	3	Horizontal	124	1.24	-
2412MHz	Pass	AV	2.4128G	94.44	Inf	-Inf	30.54	3	Horizontal	124	1.24	-
2412MHz	Pass	PK	2.3728G	57.57	74.00	-16.43	30.39	3	Horizontal	124	1.24	-
2412MHz	Pass	PK	2.4148G	97.25	Inf	-Inf	30.54	3	Horizontal	124	1.24	-
2412MHz	Pass	AV	2.3804G	43.91	54.00	-10.09	30.42	3	Vertical	233	2.40	-
2412MHz	Pass	AV	2.4138G	89.10	Inf	-Inf	30.54	3	Vertical	233	2.40	-
2412MHz	Pass	PK	2.372G	57.94	74.00	-16.06	30.39	3	Vertical	233	2.40	-
2412MHz	Pass	PK	2.4148G	92.18	Inf	-Inf	30.54	3	Vertical	233	2.40	-
2412MHz	Pass	AV	4.8111G	33.19	54.00	-20.81	4.12	3	Horizontal	360	1.50	-
2412MHz	Pass	PK	4.82304G	43.85	74.00	-30.15	4.15	3	Horizontal	360	1.50	-
2412MHz	Pass	AV	4.81008G	34.78	54.00	-19.22	4.12	3	Vertical	215	1.50	-
2412MHz	Pass	PK	4.82454G	44.70	74.00	-29.30	4.15	3	Vertical	215	1.50	-
2437MHz	Pass	AV	2.3822G	44.02	54.00	-9.98	30.43	3	Horizontal	117	1.01	-
2437MHz	Pass	AV	2.4386G	96.23	Inf	-Inf	30.63	3	Horizontal	117	1.01	-
2437MHz	Pass	AV	2.491G	45.25	54.00	-8.75	30.82	3	Horizontal	117	1.01	-
2437MHz	Pass	PK	2.3778G	57.24	74.00	-16.76	30.41	3	Horizontal	117	1.01	-
2437MHz	Pass	PK	2.4398G	99.19	Inf	-Inf	30.63	3	Horizontal	117	1.01	-
2437MHz	Pass	PK	2.499998G	57.87	74.00	-16.13	30.85	3	Horizontal	117	1.01	-
2437MHz	Pass	AV	2.3886G	43.94	54.00	-10.06	30.45	3	Vertical	239	2.10	-
2437MHz	Pass	AV	2.4378G	88.91	Inf	-Inf	30.63	3	Vertical	239	2.10	-
2437MHz	Pass	AV	2.4958G	44.96	54.00	-9.04	30.83	3	Vertical	239	2.10	-
2437MHz	Pass	PK	2.3454G	56.76	74.00	-17.24	30.30	3	Vertical	239	2.10	-
2437MHz	Pass	PK	2.4398G	91.81	Inf	-Inf	30.63	3	Vertical	239	2.10	-
2437MHz	Pass	PK	2.4862G	57.36	74.00	-16.64	30.80	3	Vertical	239	2.10	-
2437MHz	Pass	AV	7.31688G	40.70	54.00	-13.30	10.73	3	Horizontal	343	1.35	-
2437MHz	Pass	PK	7.3152G	51.40	74.00	-22.60	10.72	3	Horizontal	343	1.35	-
2437MHz	Pass	AV	7.32528G	40.74	54.00	-13.26	10.75	3	Vertical	357	1.93	-
2437MHz	Pass	PK	7.3239G	51.37	74.00	-22.63	10.75	3	Vertical	357	1.93	-
2462MHz	Pass	AV	2.4628G	96.59	Inf	-Inf	30.72	3	Horizontal	121	1.01	-
2462MHz	Pass	AV	2.4838G	45.50	54.00	-8.50	30.79	3	Horizontal	121	1.01	-
2462MHz	Pass	PK	2.4648G	99.41	Inf	-Inf	30.72	3	Horizontal	121	1.01	-
2462MHz	Pass	PK	2.4988G	58.90	74.00	-15.10	30.85	3	Horizontal	121	1.01	-
2462MHz	Pass	AV	2.4628G	89.47	Inf	-Inf	30.72	3	Vertical	239	2.04	-
2462MHz	Pass	AV	2.483502G	45.02	54.00	-8.98	30.79	3	Vertical	239	2.04	-
2462MHz	Pass	PK	2.4648G	92.19	Inf	-Inf	30.72	3	Vertical	239	2.04	-
2462MHz	Pass	PK	2.4962G	58.06	74.00	-15.94	30.84	3	Vertical	239	2.04	-
2462MHz	Pass	AV	7.3731G	40.75	54.00	-13.25	10.88	3	Horizontal	84	1.10	-
2462MHz	Pass	PK	7.395G	51.96	74.00	-22.04	10.95	3	Horizontal	84	1.10	-
2462MHz	Pass	AV	7.37244G	40.82	54.00	-13.18	10.88	3	Vertical	69	3.42	-
2462MHz	Pass	PK	7.37748G	50.75	74.00	-23.25	10.90	3	Vertical	69	3.42	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3888G	43.96	54.00	-10.04	30.45	3	Horizontal	120	1.08	-
2412MHz	Pass	AV	2.4148G	84.58	Inf	-Inf	30.54	3	Horizontal	120	1.08	-
2412MHz	Pass	PK	2.3706G	57.91	74.00	-16.09	30.39	3	Horizontal	120	1.08	-
2412MHz	Pass	PK	2.4134G	94.14	Inf	-Inf	30.54	3	Horizontal	120	1.08	-
2412MHz	Pass	AV	2.3684G	43.87	54.00	-10.13	30.38	3	Vertical	205	3.17	-
2412MHz	Pass	AV	2.4108G	78.49	Inf	-Inf	30.53	3	Vertical	205	3.17	-

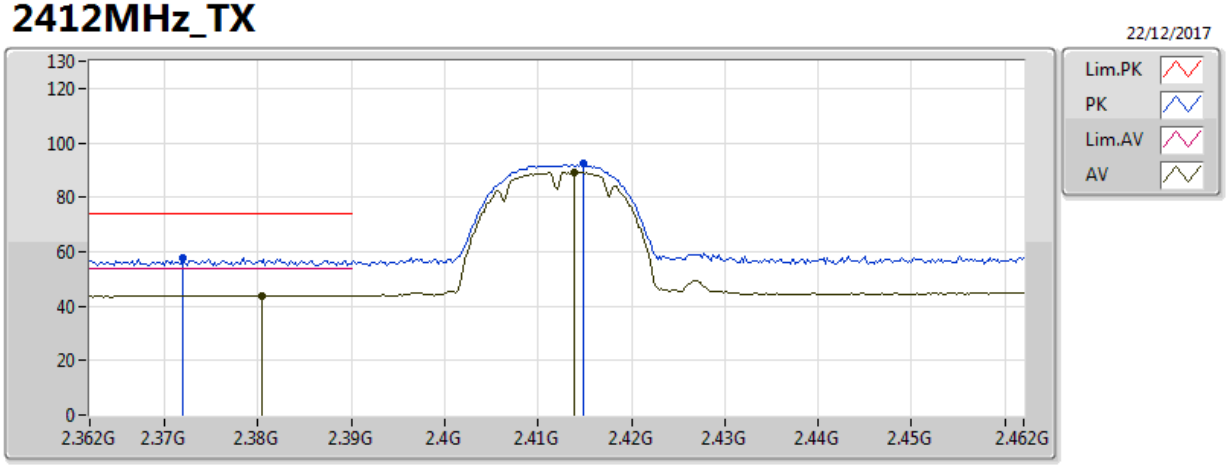
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3798G	56.98	74.00	-17.02	30.42	3	Vertical	205	3.17	-
2412MHz	Pass	PK	2.4134G	88.22	Inf	-Inf	30.54	3	Vertical	205	3.17	-
2412MHz	Pass	AV	4.81044G	34.73	54.00	-19.27	4.12	3	Horizontal	142	1.25	-
2412MHz	Pass	PK	4.83054G	44.92	74.00	-29.08	4.17	3	Horizontal	142	1.25	-
2412MHz	Pass	AV	4.809G	34.72	54.00	-19.28	4.11	3	Vertical	135	1.50	-
2412MHz	Pass	PK	4.81068G	44.76	74.00	-29.24	4.12	3	Vertical	135	1.50	-
2437MHz	Pass	AV	2.3846G	44.11	54.00	-9.89	30.44	3	Horizontal	118	1.01	-
2437MHz	Pass	AV	2.4402G	86.25	Inf	-Inf	30.63	3	Horizontal	118	1.01	-
2437MHz	Pass	AV	2.4902G	45.72	54.00	-8.28	30.81	3	Horizontal	118	1.01	-
2437MHz	Pass	PK	2.3602G	57.09	74.00	-16.91	30.35	3	Horizontal	118	1.01	-
2437MHz	Pass	PK	2.4386G	96.13	Inf	-Inf	30.63	3	Horizontal	118	1.01	-
2437MHz	Pass	PK	2.4862G	58.85	74.00	-15.15	30.80	3	Horizontal	118	1.01	-
2437MHz	Pass	AV	2.3706G	43.93	54.00	-10.07	30.39	3	Vertical	239	2.10	-
2437MHz	Pass	AV	2.4342G	78.74	Inf	-Inf	30.61	3	Vertical	239	2.10	-
2437MHz	Pass	AV	2.4906G	44.92	54.00	-9.08	30.82	3	Vertical	239	2.10	-
2437MHz	Pass	PK	2.377G	57.53	74.00	-16.47	30.41	3	Vertical	239	2.10	-
2437MHz	Pass	PK	2.441G	88.68	Inf	-Inf	30.64	3	Vertical	239	2.10	-
2437MHz	Pass	PK	2.495G	57.85	74.00	-16.15	30.83	3	Vertical	239	2.10	-
2437MHz	Pass	AV	7.3221G	40.81	54.00	-13.19	10.74	3	Horizontal	201	1.49	-
2437MHz	Pass	PK	7.32594G	51.78	74.00	-22.22	10.75	3	Horizontal	201	1.49	-
2437MHz	Pass	AV	7.32498G	41.08	54.00	-12.92	10.75	3	Vertical	181	1.49	-
2437MHz	Pass	PK	7.2987G	51.98	74.00	-22.02	10.68	3	Vertical	181	1.49	-
2462MHz	Pass	AV	2.464G	86.96	Inf	-Inf	30.72	3	Horizontal	120	1.00	-
2462MHz	Pass	AV	2.4884G	45.30	54.00	-8.70	30.81	3	Horizontal	120	1.00	-
2462MHz	Pass	PK	2.4604G	96.20	Inf	-Inf	30.71	3	Horizontal	120	1.00	-
2462MHz	Pass	PK	2.4844G	58.96	74.00	-15.04	30.79	3	Horizontal	120	1.00	-
2462MHz	Pass	AV	2.464G	79.25	Inf	-Inf	30.72	3	Vertical	34	2.90	-
2462MHz	Pass	AV	2.4988G	44.94	54.00	-9.06	30.85	3	Vertical	34	2.90	-
2462MHz	Pass	PK	2.4664G	88.71	Inf	-Inf	30.73	3	Vertical	34	2.90	-
2462MHz	Pass	PK	2.486G	58.26	74.00	-15.74	30.80	3	Vertical	34	2.90	-
2462MHz	Pass	AV	7.37334G	40.92	54.00	-13.08	10.89	3	Horizontal	248	1.50	-
2462MHz	Pass	PK	7.37286G	51.29	74.00	-22.71	10.88	3	Horizontal	248	1.50	-
2462MHz	Pass	AV	7.3719G	40.93	54.00	-13.07	10.88	3	Vertical	89	1.50	-
2462MHz	Pass	PK	7.37514G	51.35	74.00	-22.65	10.89	3	Vertical	89	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	44.14	54.00	-9.86	30.45	3	Horizontal	110	1.19	-
2412MHz	Pass	AV	2.415G	84.87	Inf	-Inf	30.54	3	Horizontal	110	1.19	-
2412MHz	Pass	PK	2.3694G	57.80	74.00	-16.20	30.38	3	Horizontal	110	1.19	-
2412MHz	Pass	PK	2.4152G	94.55	Inf	-Inf	30.54	3	Horizontal	110	1.19	-
2412MHz	Pass	AV	2.3866G	44.01	54.00	-9.99	30.44	3	Vertical	179	1.00	-
2412MHz	Pass	AV	2.4174G	75.89	Inf	-Inf	30.55	3	Vertical	179	1.00	-
2412MHz	Pass	PK	2.3836G	57.68	74.00	-16.32	30.43	3	Vertical	179	1.00	-
2412MHz	Pass	PK	2.417G	85.32	Inf	-Inf	30.55	3	Vertical	179	1.00	-
2412MHz	Pass	AV	4.80918G	34.70	54.00	-19.30	4.11	3	Horizontal	51	1.50	-
2412MHz	Pass	PK	4.809G	44.83	74.00	-29.17	4.11	3	Horizontal	51	1.50	-
2412MHz	Pass	AV	4.8108G	34.67	54.00	-19.33	4.12	3	Vertical	149	1.50	-
2412MHz	Pass	PK	4.83786G	44.62	74.00	-29.38	4.18	3	Vertical	149	1.50	-
2437MHz	Pass	AV	2.3834G	44.05	54.00	-9.95	30.43	3	Horizontal	117	1.09	-
2437MHz	Pass	AV	2.4342G	86.35	Inf	-Inf	30.61	3	Horizontal	117	1.09	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4886G	45.98	54.00	-8.02	30.81	3	Horizontal	117	1.09	-
2437MHz	Pass	PK	2.3718G	56.93	74.00	-17.07	30.39	3	Horizontal	117	1.09	-
2437MHz	Pass	PK	2.4342G	96.35	Inf	-Inf	30.61	3	Horizontal	117	1.09	-
2437MHz	Pass	PK	2.4882G	58.10	74.00	-15.90	30.81	3	Horizontal	117	1.09	-
2437MHz	Pass	AV	2.3386G	43.90	54.00	-10.10	30.28	3	Vertical	170	3.19	-
2437MHz	Pass	AV	2.4302G	78.83	Inf	-Inf	30.60	3	Vertical	170	3.19	-
2437MHz	Pass	AV	2.489G	45.03	54.00	-8.97	30.81	3	Vertical	170	3.19	-
2437MHz	Pass	PK	2.3458G	56.90	74.00	-17.10	30.30	3	Vertical	170	3.19	-
2437MHz	Pass	PK	2.4294G	88.64	Inf	-Inf	30.60	3	Vertical	170	3.19	-
2437MHz	Pass	PK	2.4906G	57.91	74.00	-16.09	30.82	3	Vertical	170	3.19	-
2437MHz	Pass	AV	7.31922G	40.80	54.00	-13.20	10.73	3	Horizontal	354	1.50	-
2437MHz	Pass	PK	7.32594G	51.74	74.00	-22.26	10.75	3	Horizontal	354	1.50	-
2437MHz	Pass	AV	7.32492G	40.97	54.00	-13.03	10.75	3	Vertical	222	1.50	-
2437MHz	Pass	PK	7.3161G	52.43	74.00	-21.57	10.73	3	Vertical	222	1.50	-
2462MHz	Pass	AV	2.4638G	86.63	Inf	-Inf	30.72	3	Horizontal	125	1.18	-
2462MHz	Pass	AV	2.5G	45.16	54.00	-8.84	30.85	3	Horizontal	125	1.18	-
2462MHz	Pass	PK	2.4646G	96.36	Inf	-Inf	30.72	3	Horizontal	125	1.18	-
2462MHz	Pass	PK	2.4838G	58.29	74.00	-15.71	30.79	3	Horizontal	125	1.18	-
2462MHz	Pass	AV	2.4566G	76.93	Inf	-Inf	30.69	3	Vertical	11	2.31	-
2462MHz	Pass	AV	2.499G	44.92	54.00	-9.08	30.85	3	Vertical	11	2.31	-
2462MHz	Pass	PK	2.4572G	87.15	Inf	-Inf	30.70	3	Vertical	11	2.31	-
2462MHz	Pass	PK	2.4952G	58.93	74.00	-15.07	30.83	3	Vertical	11	2.31	-
2462MHz	Pass	AV	7.40016G	41.04	54.00	-12.96	10.96	3	Horizontal	80	1.54	-
2462MHz	Pass	PK	7.37106G	51.54	74.00	-22.46	10.88	3	Horizontal	80	1.54	-
2462MHz	Pass	AV	7.37166G	41.00	54.00	-13.00	10.88	3	Vertical	40	1.50	-
2462MHz	Pass	PK	7.39914G	51.75	74.00	-22.25	10.96	3	Vertical	40	1.50	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3392G	44.14	54.00	-9.86	30.28	3	Horizontal	122	1.18	-
2422MHz	Pass	AV	2.4192G	82.43	Inf	-Inf	30.56	3	Horizontal	122	1.18	-
2422MHz	Pass	AV	2.4844G	44.98	54.00	-9.02	30.79	3	Horizontal	122	1.18	-
2422MHz	Pass	PK	2.3236G	56.81	74.00	-17.19	30.22	3	Horizontal	122	1.18	-
2422MHz	Pass	PK	2.42G	92.64	Inf	-Inf	30.56	3	Horizontal	122	1.18	-
2422MHz	Pass	PK	2.4976G	58.77	74.00	-15.23	30.84	3	Horizontal	122	1.18	-
2422MHz	Pass	AV	2.3252G	44.12	54.00	-9.88	30.23	3	Vertical	12	2.08	-
2422MHz	Pass	AV	2.4192G	73.77	Inf	-Inf	30.56	3	Vertical	12	2.08	-
2422MHz	Pass	AV	2.4936G	44.96	54.00	-9.04	30.83	3	Vertical	12	2.08	-
2422MHz	Pass	PK	2.3348G	56.90	74.00	-17.10	30.26	3	Vertical	12	2.08	-
2422MHz	Pass	PK	2.4196G	83.19	Inf	-Inf	30.56	3	Vertical	12	2.08	-
2422MHz	Pass	PK	2.494G	57.13	74.00	-16.87	30.83	3	Vertical	12	2.08	-
2422MHz	Pass	AV	7.27902G	40.63	54.00	-13.37	10.62	3	Horizontal	254	1.50	-
2422MHz	Pass	PK	7.27176G	51.15	74.00	-22.85	10.60	3	Horizontal	254	1.50	-
2422MHz	Pass	AV	7.2804G	40.63	54.00	-13.37	10.62	3	Vertical	358	1.50	-
2422MHz	Pass	PK	7.26312G	51.80	74.00	-22.20	10.57	3	Vertical	358	1.50	-
2437MHz	Pass	AV	2.3486G	43.96	54.00	-10.04	30.31	3	Horizontal	117	1.29	-
2437MHz	Pass	AV	2.4426G	82.24	Inf	-Inf	30.64	3	Horizontal	117	1.29	-
2437MHz	Pass	AV	2.4962G	45.24	54.00	-8.76	30.84	3	Horizontal	117	1.29	-
2437MHz	Pass	PK	2.3514G	57.14	74.00	-16.86	30.32	3	Horizontal	117	1.29	-
2437MHz	Pass	PK	2.4426G	91.55	Inf	-Inf	30.64	3	Horizontal	117	1.29	-
2437MHz	Pass	PK	2.485G	57.82	74.00	-16.18	30.80	3	Horizontal	117	1.29	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.3398G	43.95	54.00	-10.05	30.28	3	Vertical	169	3.10	-
2437MHz	Pass	AV	2.4386G	74.91	Inf	-Inf	30.63	3	Vertical	169	3.10	-
2437MHz	Pass	AV	2.4938G	44.98	54.00	-9.02	30.83	3	Vertical	169	3.10	-
2437MHz	Pass	PK	2.3698G	57.02	74.00	-16.98	30.38	3	Vertical	169	3.10	-
2437MHz	Pass	PK	2.4402G	84.18	Inf	-Inf	30.63	3	Vertical	169	3.10	-
2437MHz	Pass	PK	2.4934G	57.57	74.00	-16.43	30.83	3	Vertical	169	3.10	-
2437MHz	Pass	AV	7.31982G	40.98	54.00	-13.02	10.74	3	Horizontal	321	1.50	-
2437MHz	Pass	PK	7.32408G	51.32	74.00	-22.68	10.75	3	Horizontal	321	1.50	-
2437MHz	Pass	AV	7.32078G	40.99	54.00	-13.01	10.74	3	Vertical	54	1.50	-
2437MHz	Pass	PK	7.3053G	51.89	74.00	-22.11	10.69	3	Vertical	54	1.50	-
2452MHz	Pass	AV	2.3836G	43.97	54.00	-10.03	30.43	3	Horizontal	126	1.21	-
2452MHz	Pass	AV	2.4536G	82.61	Inf	-Inf	30.68	3	Horizontal	126	1.21	-
2452MHz	Pass	AV	2.488G	45.21	54.00	-8.79	30.81	3	Horizontal	126	1.21	-
2452MHz	Pass	PK	2.3688G	57.31	74.00	-16.69	30.38	3	Horizontal	126	1.21	-
2452MHz	Pass	PK	2.454G	91.93	Inf	-Inf	30.68	3	Horizontal	126	1.21	-
2452MHz	Pass	PK	2.4836G	58.73	74.00	-15.27	30.79	3	Horizontal	126	1.21	-
2452MHz	Pass	AV	2.36G	43.84	54.00	-10.16	30.35	3	Vertical	164	3.05	-
2452MHz	Pass	AV	2.4576G	75.02	Inf	-Inf	30.70	3	Vertical	164	3.05	-
2452MHz	Pass	AV	2.4844G	44.99	54.00	-9.01	30.79	3	Vertical	164	3.05	-
2452MHz	Pass	PK	2.3772G	57.56	74.00	-16.44	30.41	3	Vertical	164	3.05	-
2452MHz	Pass	PK	2.4372G	84.51	Inf	-Inf	30.62	3	Vertical	164	3.05	-
2452MHz	Pass	PK	2.4904G	58.16	74.00	-15.84	30.82	3	Vertical	164	3.05	-
2452MHz	Pass	AV	7.3704G	40.82	54.00	-13.18	10.88	3	Horizontal	140	1.50	-
2452MHz	Pass	PK	7.36824G	51.75	74.00	-22.25	10.87	3	Horizontal	140	1.50	-
2452MHz	Pass	AV	7.3671G	40.80	54.00	-13.20	10.87	3	Vertical	0	1.50	-
2452MHz	Pass	PK	7.34586G	51.73	74.00	-22.27	10.81	3	Vertical	0	1.50	-

802.11b_Nss1,(1Mbps)_1TX

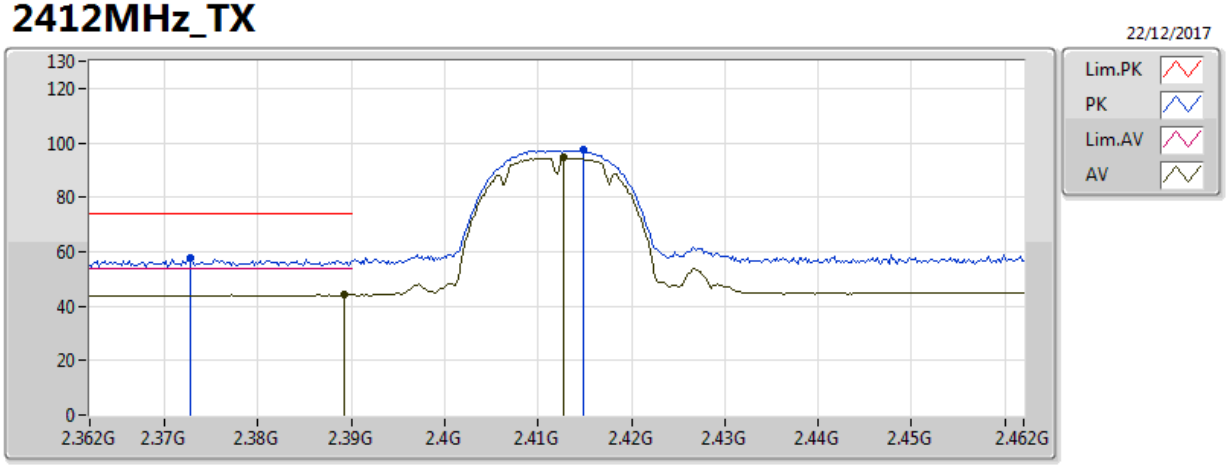
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3804G	43.91	54.00	-10.09	30.42	3	Vertical	233	2.40	-	13.49	27.19	3.23	-
AV	2.4138G	89.10	Inf	-Inf	30.54	3	Vertical	233	2.40	-	58.56	27.28	3.26	-
PK	2.372G	57.94	74.00	-16.06	30.39	3	Vertical	233	2.40	-	27.54	27.17	3.22	-
PK	2.4148G	92.18	Inf	-Inf	30.54	3	Vertical	233	2.40	-	61.63	27.28	3.26	-

802.11b_Nss1,(1Mbps)_1TX

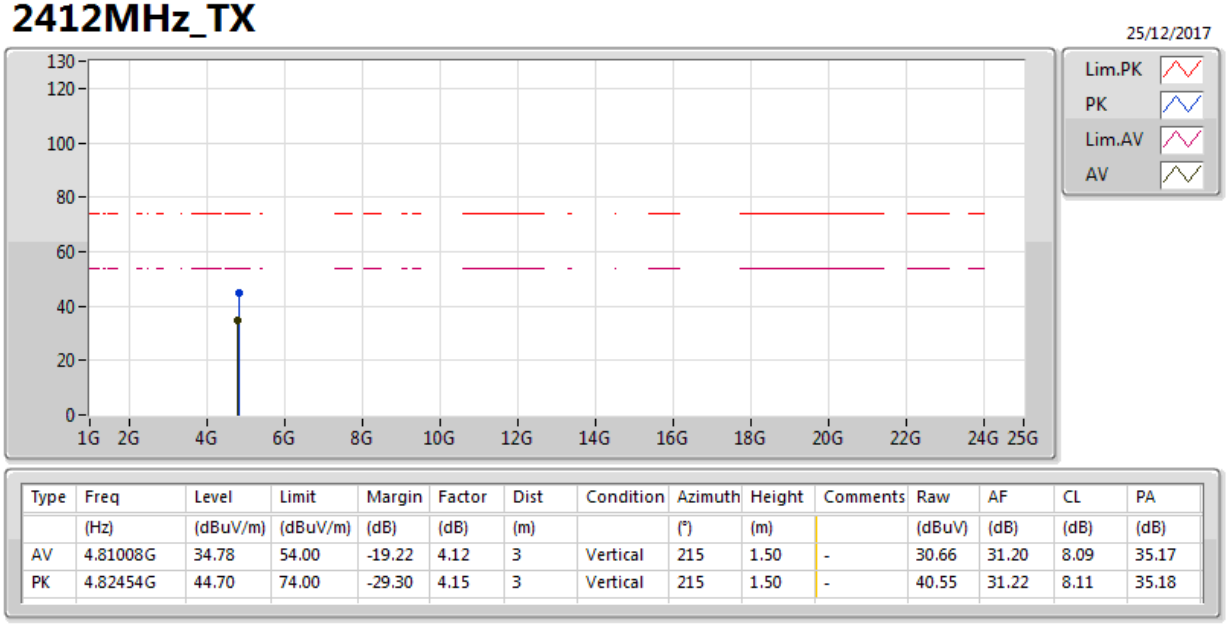
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	44.11	54.00	-9.89	30.45	3	Horizontal	124	1.24	-	13.65	27.21	3.24	-
AV	2.4128G	94.44	Inf	-Inf	30.54	3	Horizontal	124	1.24	-	63.90	27.27	3.26	-
PK	2.3728G	57.57	74.00	-16.43	30.39	3	Horizontal	124	1.24	-	27.18	27.17	3.23	-
PK	2.4148G	97.25	Inf	-Inf	30.54	3	Horizontal	124	1.24	-	66.71	27.28	3.26	-

802.11b_Nss1,(1Mbps)_1TX

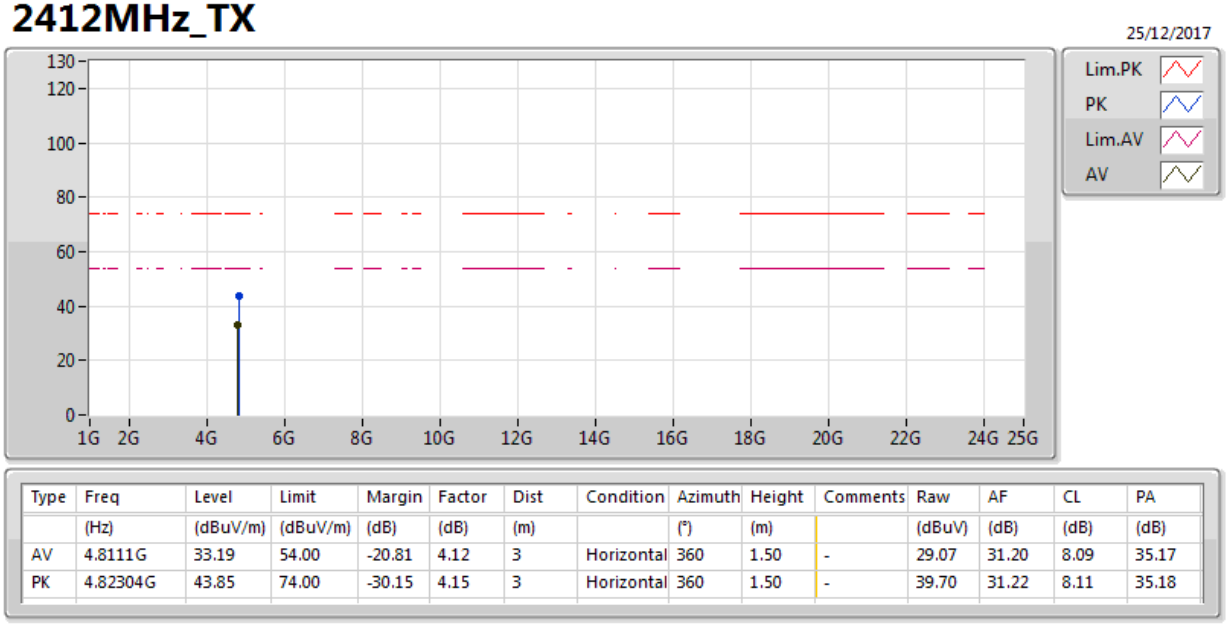
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.81008G	34.78	54.00	-19.22	4.12	3	Vertical	215	1.50	-	30.66	31.20	8.09	35.17
PK	4.82454G	44.70	74.00	-29.30	4.15	3	Vertical	215	1.50	-	40.55	31.22	8.11	35.18

802.11b_Nss1,(1Mbps)_1TX

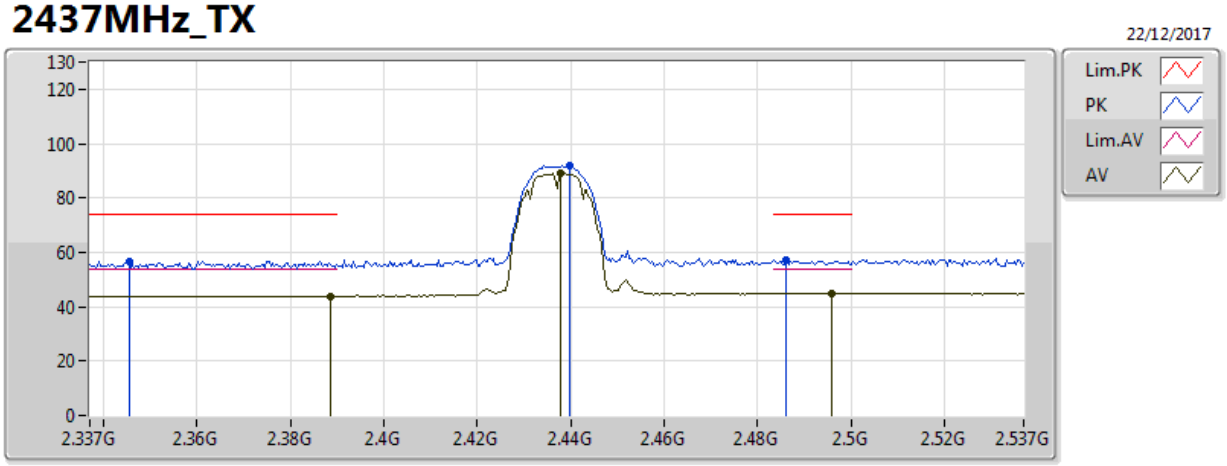
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8111G	33.19	54.00	-20.81	4.12	3	Horizontal	360	1.50	-	29.07	31.20	8.09	35.17
PK	4.82304G	43.85	74.00	-30.15	4.15	3	Horizontal	360	1.50	-	39.70	31.22	8.11	35.18

802.11b_Nss1,(1Mbps)_1TX

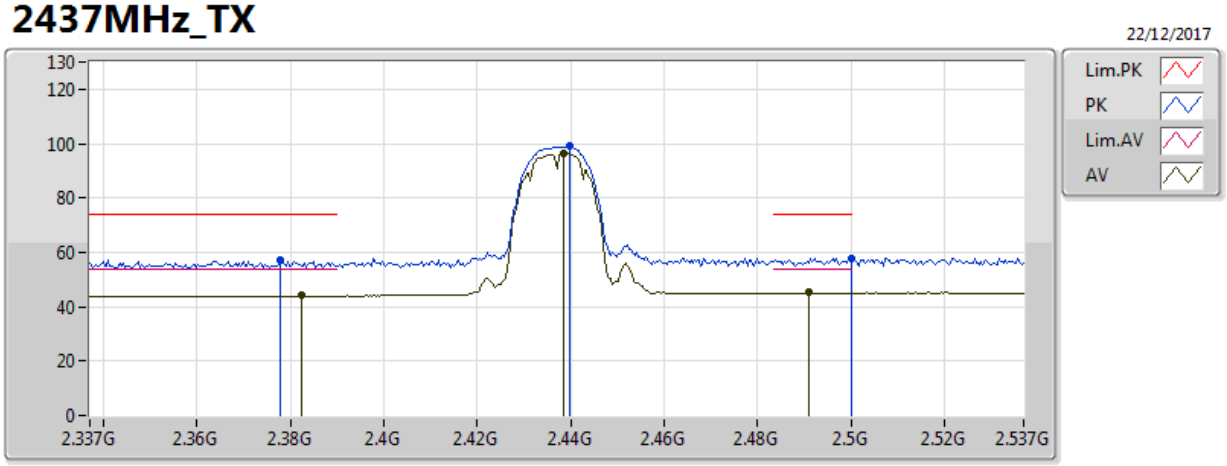
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3886G	43.94	54.00	-10.06	30.45	3	Vertical	239	2.10	-	13.49	27.21	3.24	-
AV	2.4378G	88.91	Inf	-Inf	30.63	3	Vertical	239	2.10	-	58.28	27.34	3.29	-
AV	2.4958G	44.96	54.00	-9.04	30.83	3	Vertical	239	2.10	-	14.13	27.49	3.35	-
PK	2.3454G	56.76	74.00	-17.24	30.30	3	Vertical	239	2.10	-	26.46	27.10	3.20	-
PK	2.4398G	91.81	Inf	-Inf	30.63	3	Vertical	239	2.10	-	61.18	27.34	3.29	-
PK	2.4862G	57.36	74.00	-16.64	30.80	3	Vertical	239	2.10	-	26.56	27.46	3.34	-

802.11b_Nss1,(1Mbps)_1TX

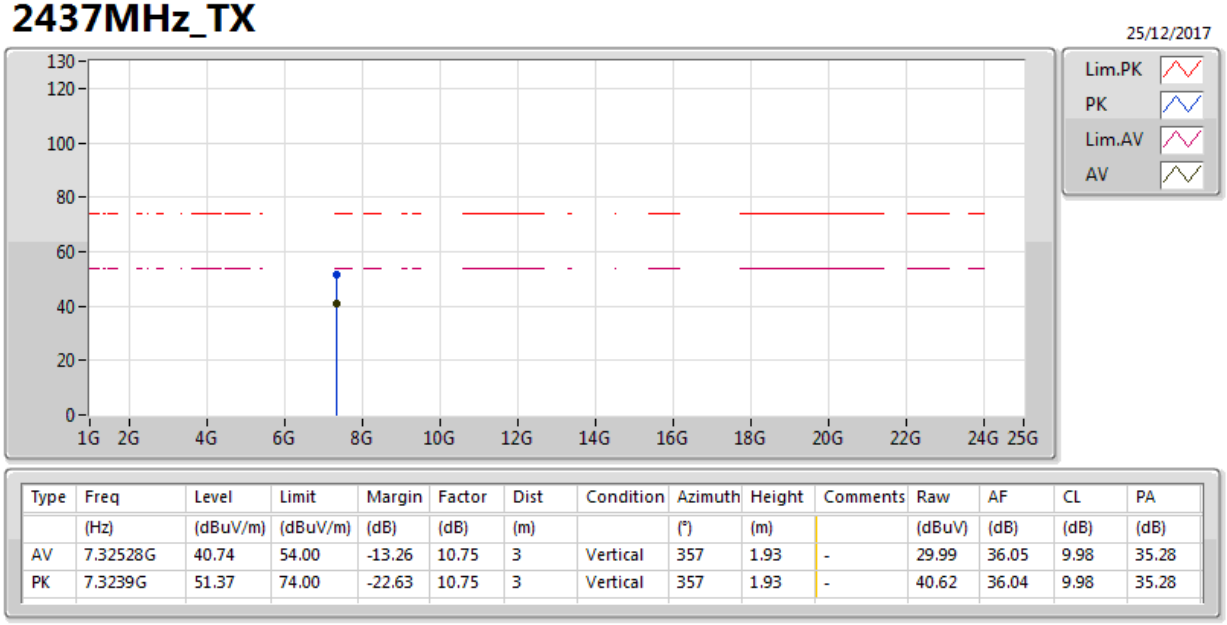
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3822G	44.02	54.00	-9.98	30.43	3	Horizontal	117	1.01	-	13.60	27.19	3.23	-
AV	2.4386G	96.23	Inf	-Inf	30.63	3	Horizontal	117	1.01	-	65.60	27.34	3.29	-
AV	2.491G	45.25	54.00	-8.75	30.82	3	Horizontal	117	1.01	-	14.43	27.48	3.34	-
PK	2.3778G	57.24	74.00	-16.76	30.41	3	Horizontal	117	1.01	-	26.82	27.18	3.23	-
PK	2.4398G	99.19	Inf	-Inf	30.63	3	Horizontal	117	1.01	-	68.55	27.34	3.29	-
PK	2.499998G	57.87	74.00	-16.13	30.85	3	Horizontal	117	1.01	-	27.02	27.50	3.35	-

802.11b_Nss1,(1Mbps)_1TX

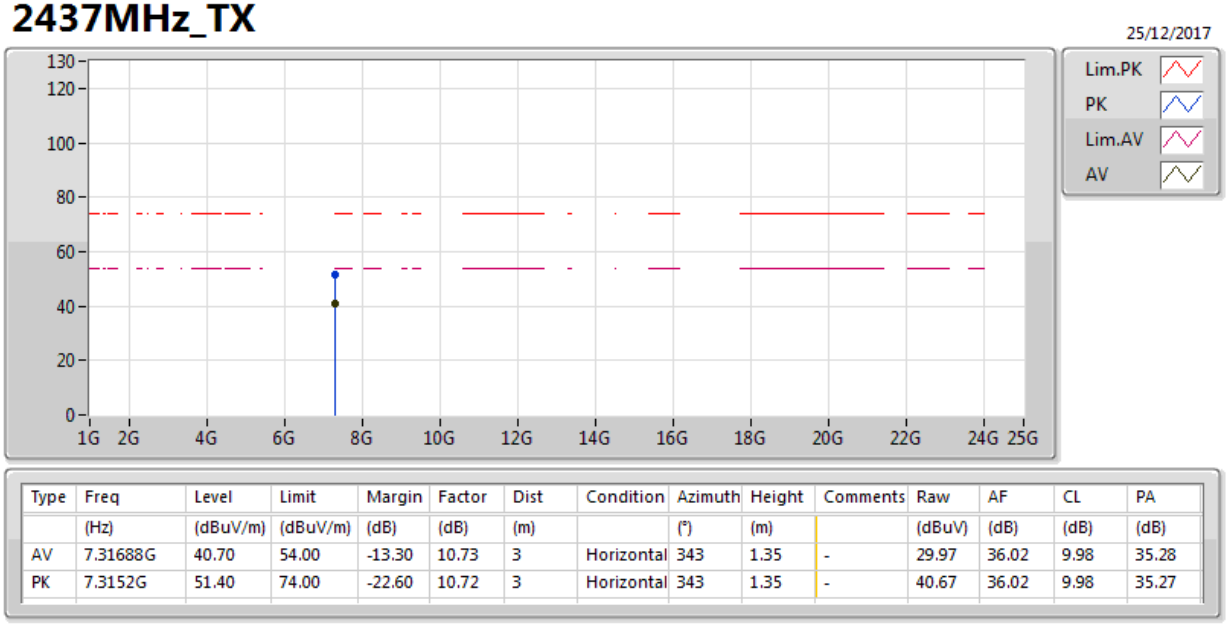
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.32528G	40.74	54.00	-13.26	10.75	3	Vertical	357	1.93	-	29.99	36.05	9.98	35.28
PK	7.3239G	51.37	74.00	-22.63	10.75	3	Vertical	357	1.93	-	40.62	36.04	9.98	35.28

802.11b_Nss1,(1Mbps)_1TX

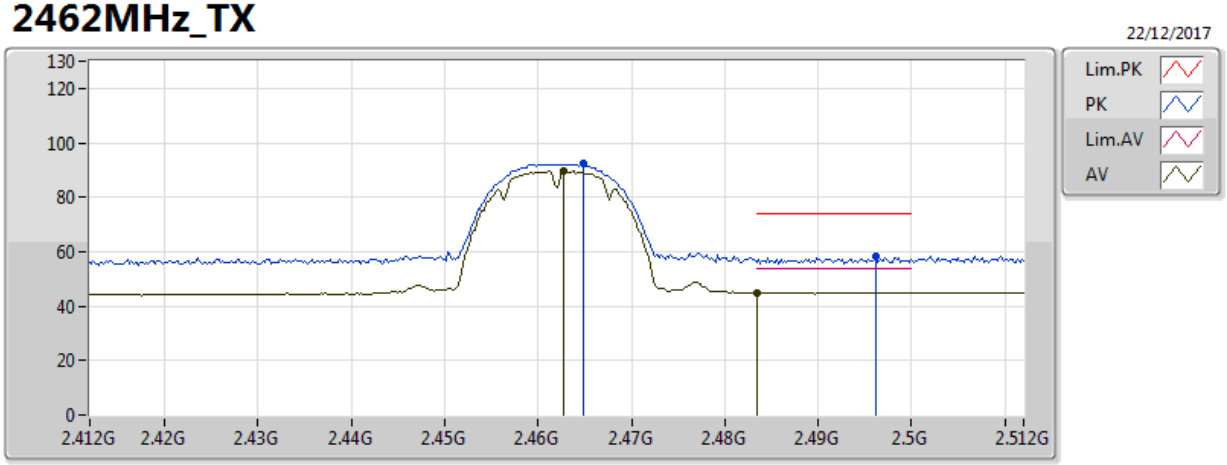
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.31688G	40.70	54.00	-13.30	10.73	3	Horizontal	343	1.35	-	29.97	36.02	9.98	35.28
PK	7.3152G	51.40	74.00	-22.60	10.72	3	Horizontal	343	1.35	-	40.67	36.02	9.98	35.27

802.11b_Nss1,(1Mbps)_1TX

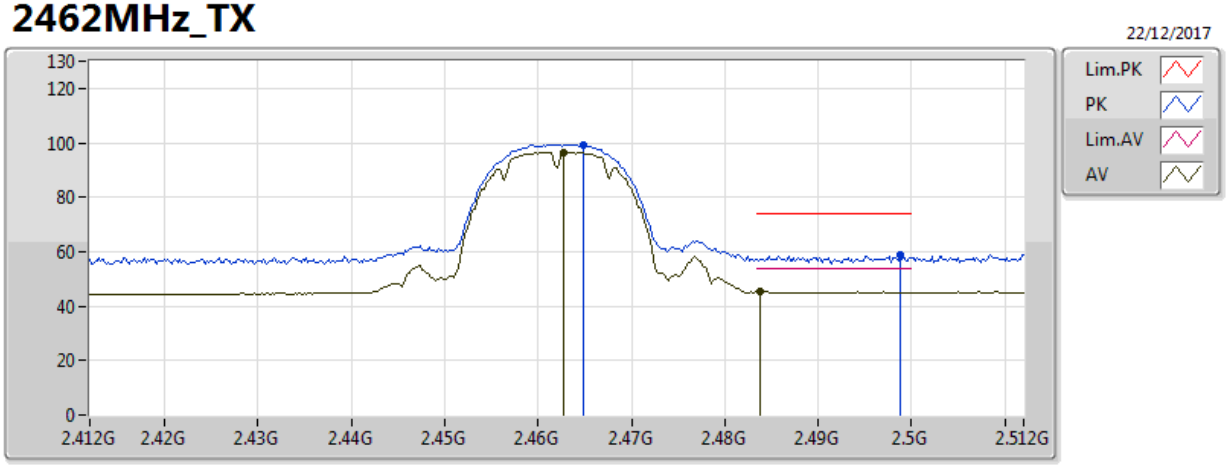
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	89.47	Inf	-Inf	30.72	3	Vertical	239	2.04	-	58.76	27.40	3.31	-
AV	2.483502G	45.02	54.00	-8.98	30.79	3	Vertical	239	2.04	-	14.23	27.46	3.33	-
PK	2.4648G	92.19	Inf	-Inf	30.72	3	Vertical	239	2.04	-	61.46	27.41	3.31	-
PK	2.4962G	58.06	74.00	-15.94	30.84	3	Vertical	239	2.04	-	27.22	27.49	3.35	-

802.11b_Nss1,(1Mbps)_1TX

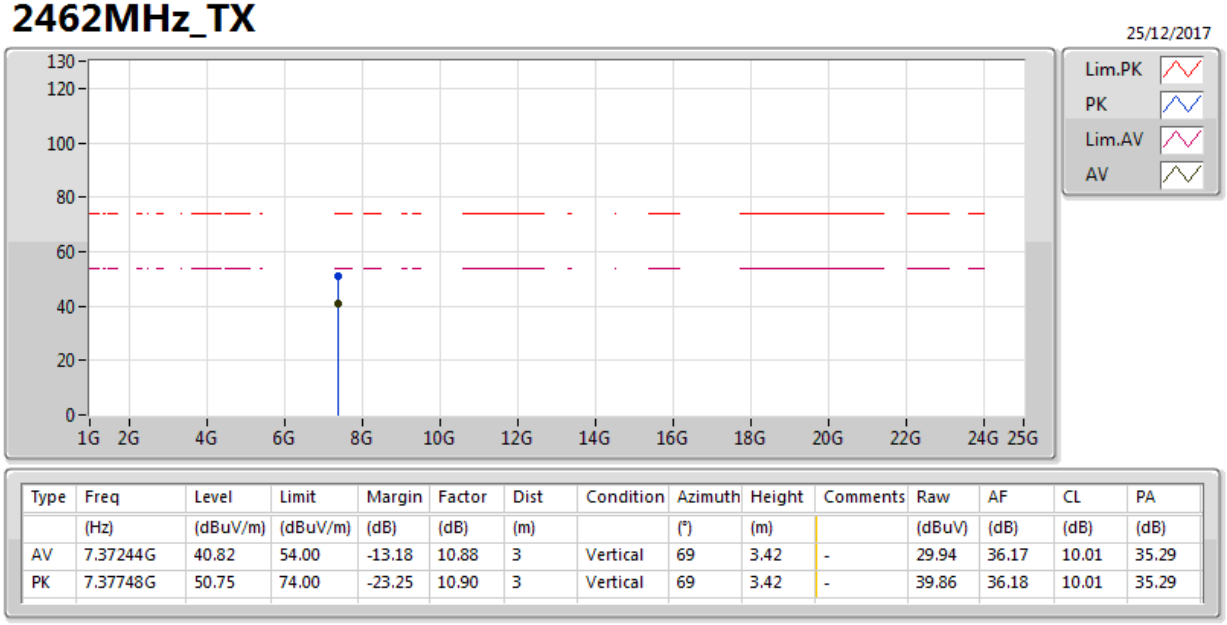
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	96.59	Inf	-Inf	30.72	3	Horizontal	121	1.01	-	65.88	27.40	3.31	-
AV	2.4838G	45.50	54.00	-8.50	30.79	3	Horizontal	121	1.01	-	14.71	27.46	3.33	-
PK	2.4648G	99.41	Inf	-Inf	30.72	3	Horizontal	121	1.01	-	68.68	27.41	3.31	-
PK	2.4988G	58.90	74.00	-15.10	30.85	3	Horizontal	121	1.01	-	28.05	27.50	3.35	-

802.11b_Nss1,(1Mbps)_1TX

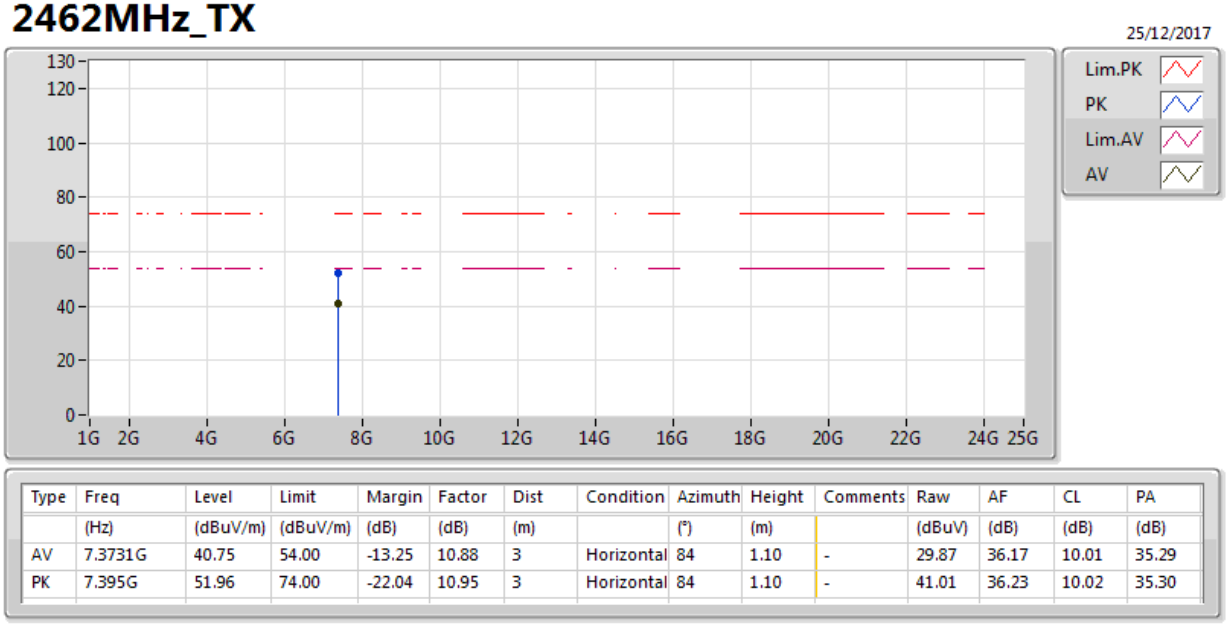
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.37244G	40.82	54.00	-13.18	10.88	3	Vertical	69	3.42	-	29.94	36.17	10.01	35.29
PK	7.37748G	50.75	74.00	-23.25	10.90	3	Vertical	69	3.42	-	39.86	36.18	10.01	35.29

802.11b_Nss1,(1Mbps)_1TX

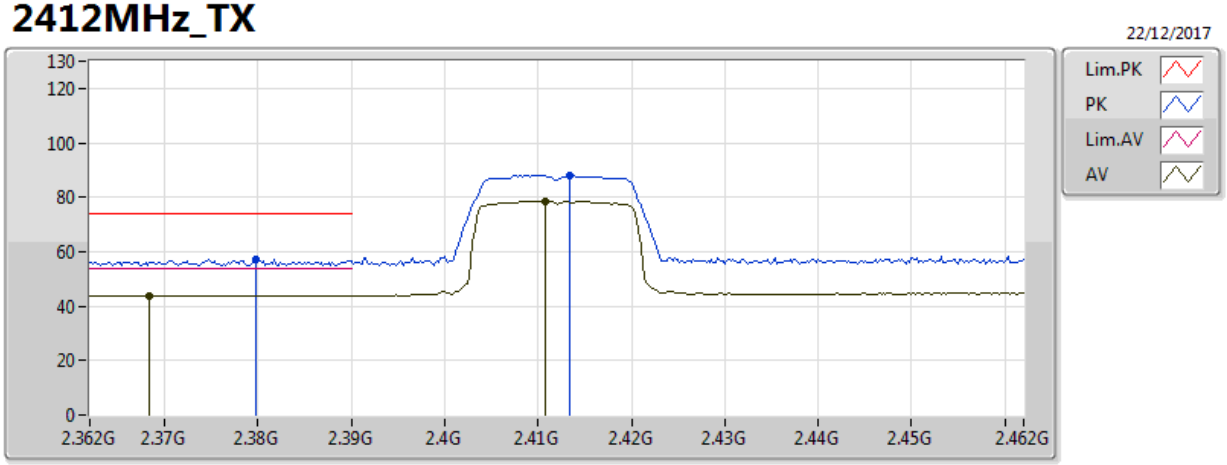
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.3731G	40.75	54.00	-13.25	10.88	3	Horizontal	84	1.10	-	29.87	36.17	10.01	35.29
PK	7.395G	51.96	74.00	-22.04	10.95	3	Horizontal	84	1.10	-	41.01	36.23	10.02	35.30

802.11g_Nss1,(6Mbps)_1TX

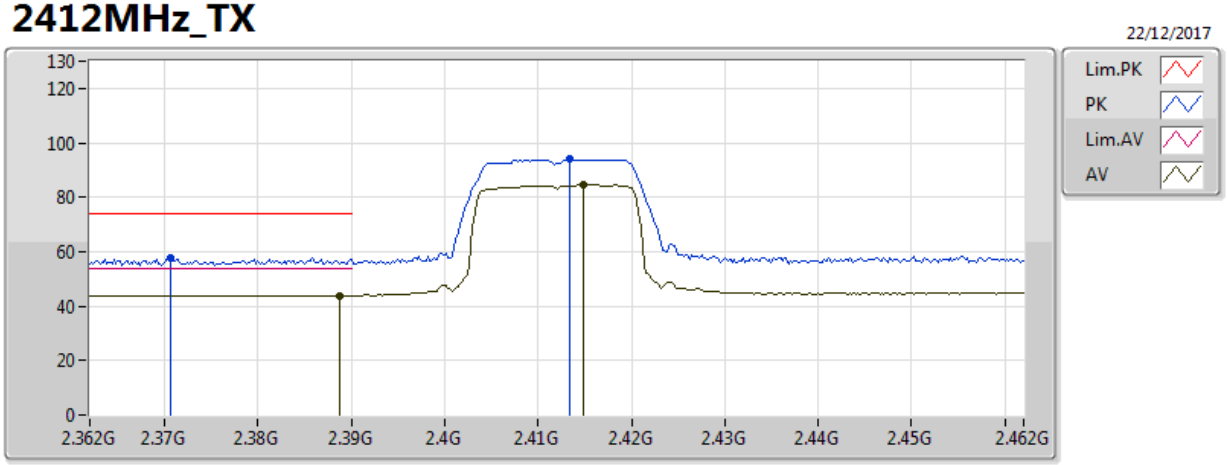
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3684G	43.87	54.00	-10.13	30.38	3	Vertical	205	3.17	-	13.49	27.16	3.22	-
AV	2.4108G	78.49	Inf	-Inf	30.53	3	Vertical	205	3.17	-	47.96	27.27	3.26	-
PK	2.3798G	56.98	74.00	-17.02	30.42	3	Vertical	205	3.17	-	26.56	27.19	3.23	-
PK	2.4134G	88.22	Inf	-Inf	30.54	3	Vertical	205	3.17	-	57.68	27.27	3.26	-

802.11g_Nss1,(6Mbps)_1TX

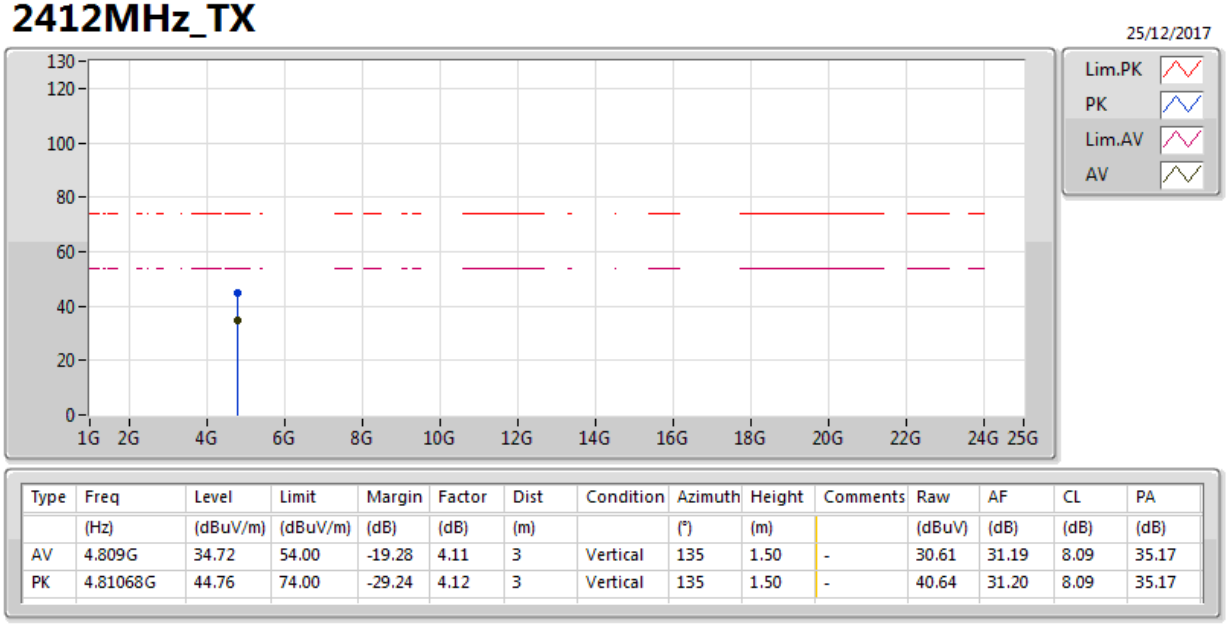
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3888G	43.96	54.00	-10.04	30.45	3	Horizontal	120	1.08	-	13.51	27.21	3.24	-
AV	2.4148G	84.58	Inf	-Inf	30.54	3	Horizontal	120	1.08	-	54.03	27.28	3.26	-
PK	2.3706G	57.91	74.00	-16.09	30.39	3	Horizontal	120	1.08	-	27.52	27.16	3.22	-
PK	2.4134G	94.14	Inf	-Inf	30.54	3	Horizontal	120	1.08	-	63.60	27.27	3.26	-

802.11g_Nss1,(6Mbps)_1TX

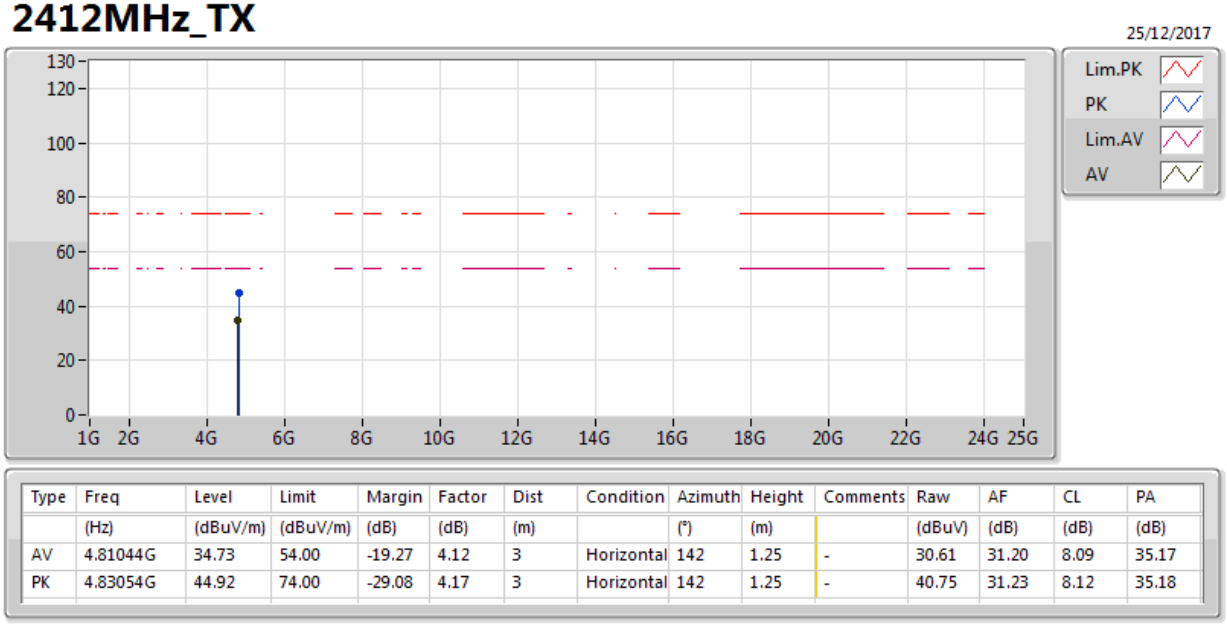
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.809G	34.72	54.00	-19.28	4.11	3	Vertical	135	1.50	-	30.61	31.19	8.09	35.17
PK	4.81068G	44.76	74.00	-29.24	4.12	3	Vertical	135	1.50	-	40.64	31.20	8.09	35.17

802.11g_Nss1,(6Mbps)_1TX

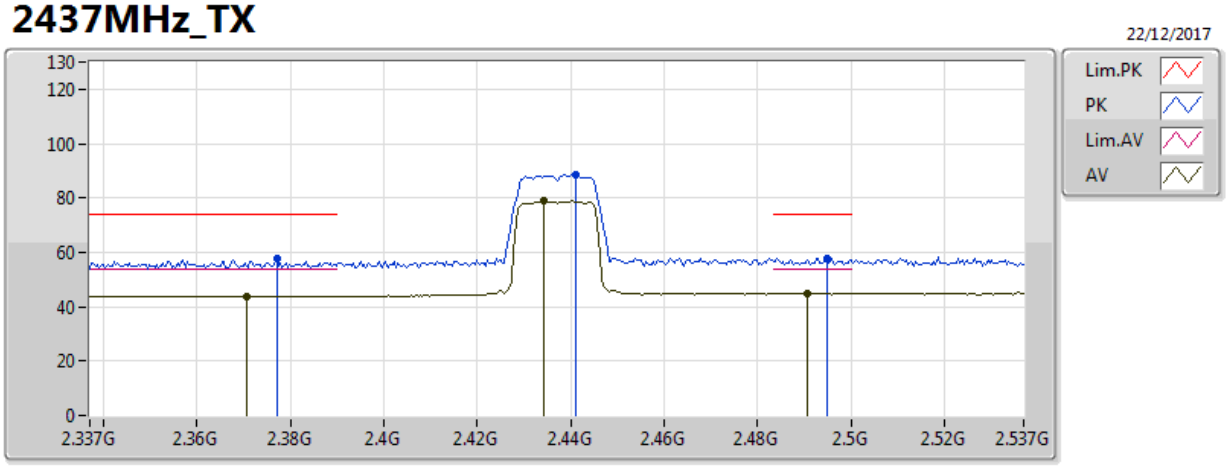
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.81044G	34.73	54.00	-19.27	4.12	3	Horizontal	142	1.25	-	30.61	31.20	8.09	35.17
PK	4.83054G	44.92	74.00	-29.08	4.17	3	Horizontal	142	1.25	-	40.75	31.23	8.12	35.18

802.11g_Nss1,(6Mbps)_1TX

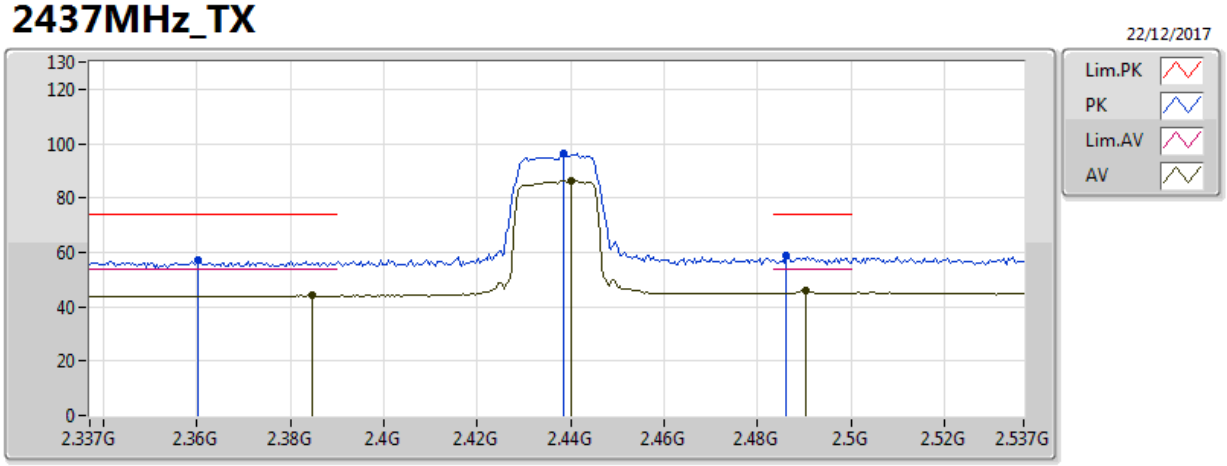
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3706G	43.93	54.00	-10.07	30.39	3	Vertical	239	2.10	-	13.54	27.16	3.22	-
AV	2.4342G	78.74	Inf	-Inf	30.61	3	Vertical	239	2.10	-	48.13	27.33	3.28	-
AV	2.4906G	44.92	54.00	-9.08	30.82	3	Vertical	239	2.10	-	14.10	27.48	3.34	-
PK	2.377G	57.53	74.00	-16.47	30.41	3	Vertical	239	2.10	-	27.12	27.18	3.23	-
PK	2.441G	88.68	Inf	-Inf	30.64	3	Vertical	239	2.10	-	58.04	27.35	3.29	-
PK	2.495G	57.85	74.00	-16.15	30.83	3	Vertical	239	2.10	-	27.02	27.49	3.35	-

802.11g_Nss1,(6Mbps)_1TX

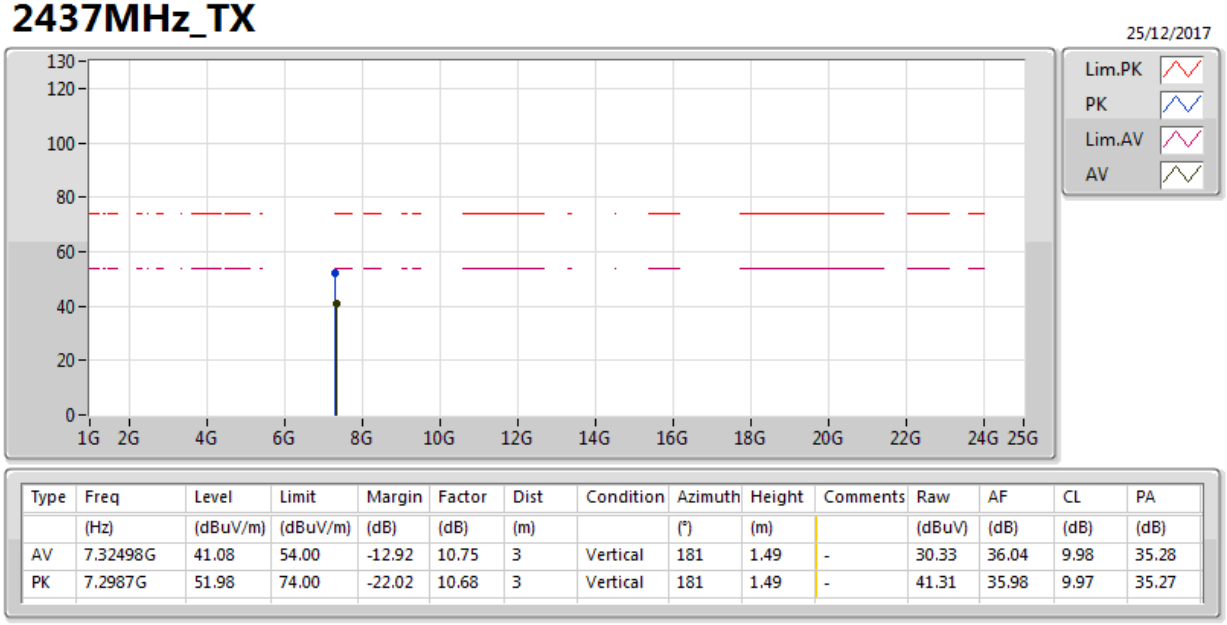
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3846G	44.11	54.00	-9.89	30.44	3	Horizontal	118	1.01	-	13.68	27.20	3.24	-
AV	2.4402G	86.25	Inf	-Inf	30.63	3	Horizontal	118	1.01	-	55.62	27.34	3.29	-
AV	2.4902G	45.72	54.00	-8.28	30.81	3	Horizontal	118	1.01	-	14.90	27.47	3.34	-
PK	2.3602G	57.09	74.00	-16.91	30.35	3	Horizontal	118	1.01	-	26.74	27.14	3.21	-
PK	2.4386G	96.13	Inf	-Inf	30.63	3	Horizontal	118	1.01	-	65.50	27.34	3.29	-
PK	2.4862G	58.85	74.00	-15.15	30.80	3	Horizontal	118	1.01	-	28.05	27.46	3.34	-

802.11g_Nss1,(6Mbps)_1TX

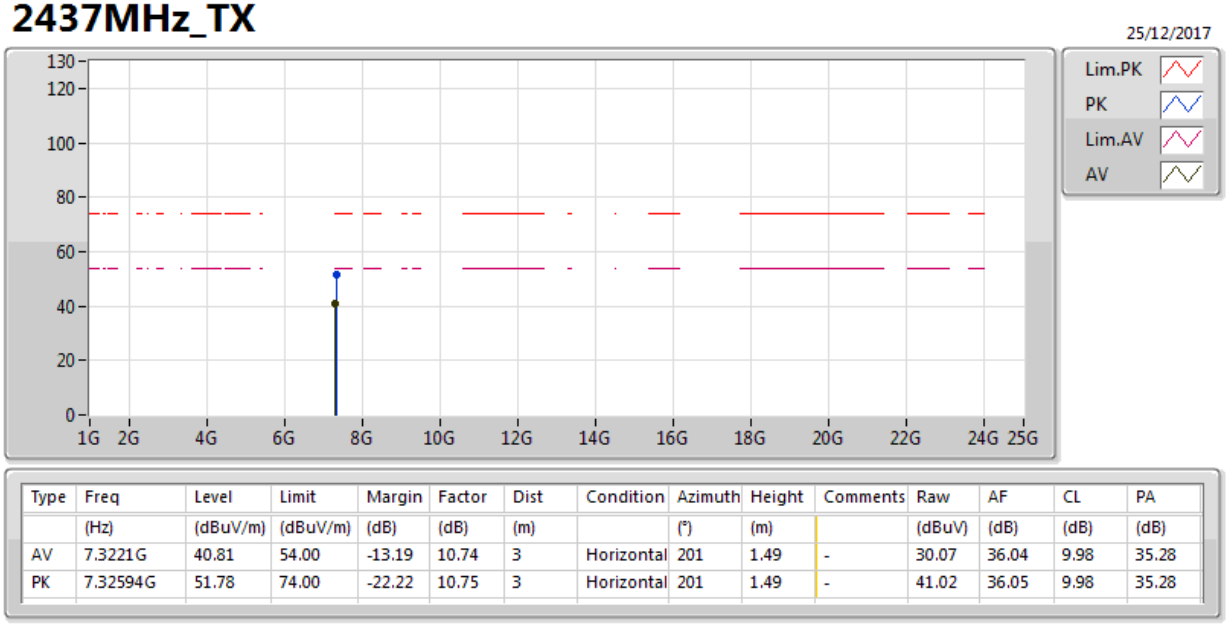
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.32498G	41.08	54.00	-12.92	10.75	3	Vertical	181	1.49	-	30.33	36.04	9.98	35.28
PK	7.2987G	51.98	74.00	-22.02	10.68	3	Vertical	181	1.49	-	41.31	35.98	9.97	35.27

802.11g_Nss1,(6Mbps)_1TX

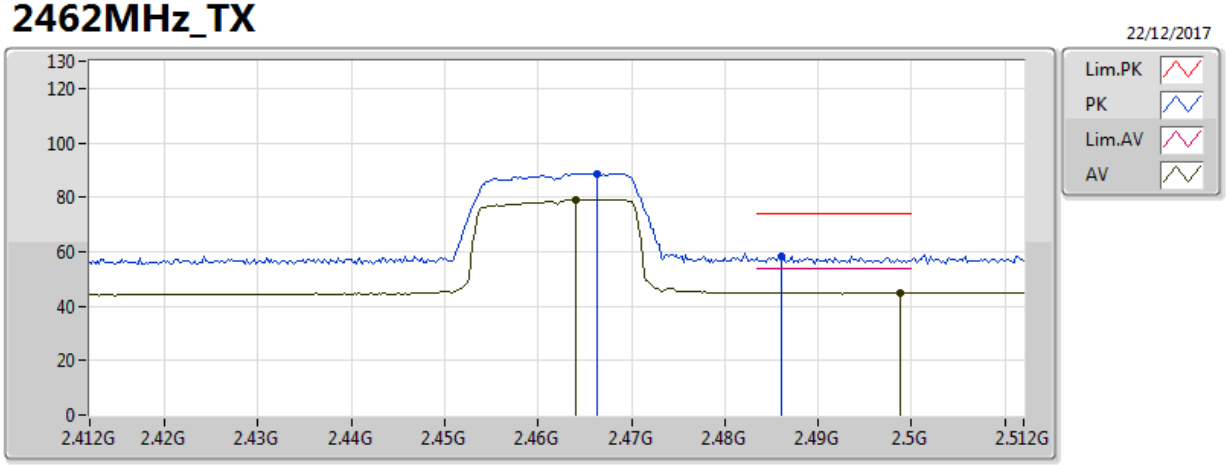
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.3221G	40.81	54.00	-13.19	10.74	3	Horizontal	201	1.49	-	30.07	36.04	9.98	35.28
PK	7.32594G	51.78	74.00	-22.22	10.75	3	Horizontal	201	1.49	-	41.02	36.05	9.98	35.28

802.11g_Nss1,(6Mbps)_1TX

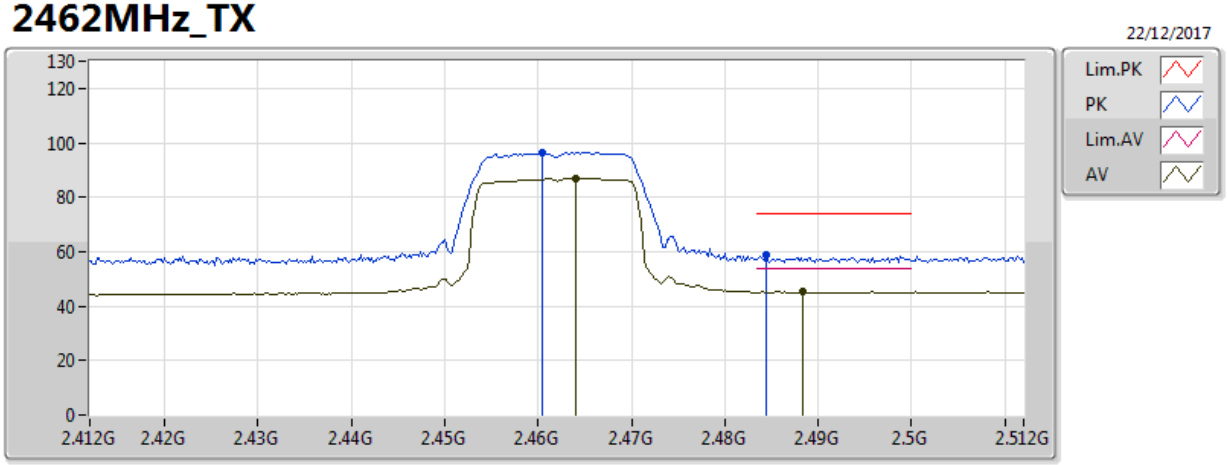
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.464G	79.25	Inf	-Inf	30.72	3	Vertical	34	2.90	-	48.53	27.41	3.31	-
AV	2.4988G	44.94	54.00	-9.06	30.85	3	Vertical	34	2.90	-	14.10	27.50	3.35	-
PK	2.4664G	88.71	Inf	-Inf	30.73	3	Vertical	34	2.90	-	57.98	27.41	3.32	-
PK	2.486G	58.26	74.00	-15.74	30.80	3	Vertical	34	2.90	-	27.46	27.46	3.34	-

802.11g_Nss1,(6Mbps)_1TX

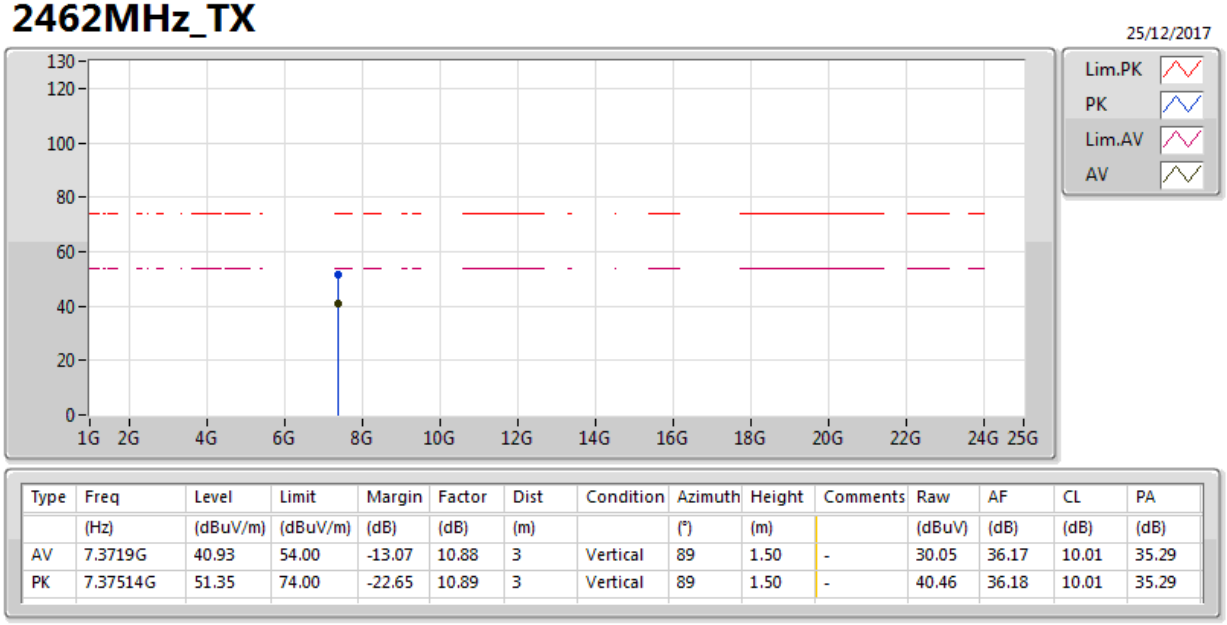
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.464G	86.96	Inf	-Inf	30.72	3	Horizontal	120	1.00	-	56.24	27.41	3.31	-
AV	2.4884G	45.30	54.00	-8.70	30.81	3	Horizontal	120	1.00	-	14.50	27.47	3.34	-
PK	2.4604G	96.20	Inf	-Inf	30.71	3	Horizontal	120	1.00	-	65.49	27.40	3.31	-
PK	2.4844G	58.96	74.00	-15.04	30.79	3	Horizontal	120	1.00	-	28.17	27.46	3.33	-

802.11g_Nss1,(6Mbps)_1TX

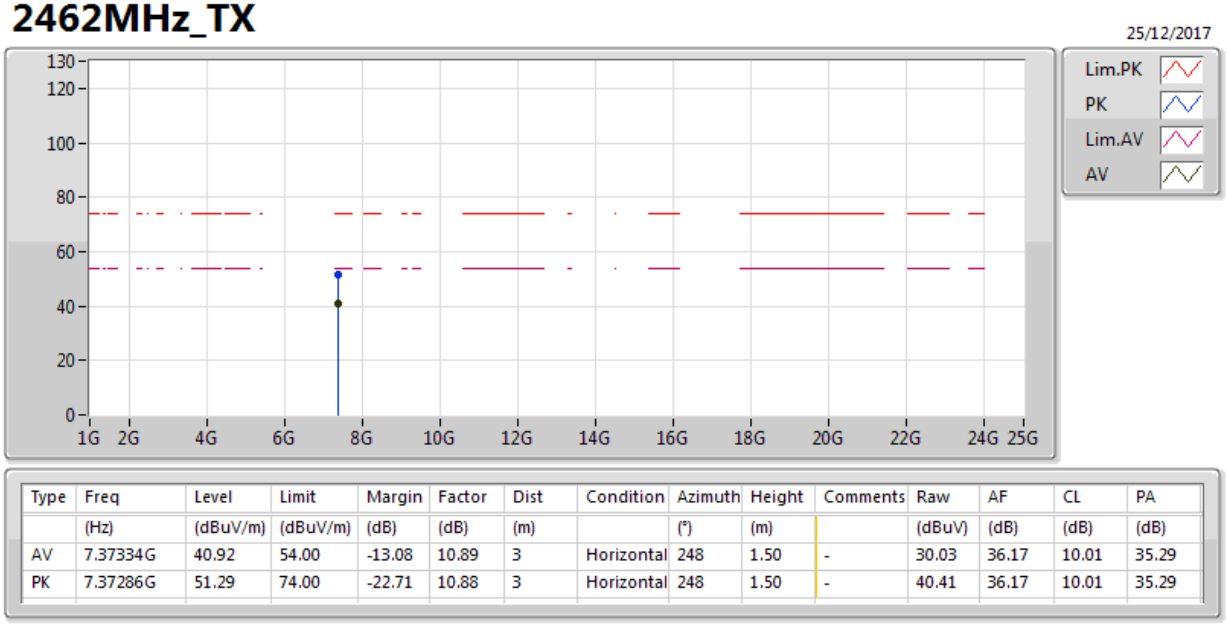
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.3719G	40.93	54.00	-13.07	10.88	3	Vertical	89	1.50	-	30.05	36.17	10.01	35.29
PK	7.37514G	51.35	74.00	-22.65	10.89	3	Vertical	89	1.50	-	40.46	36.18	10.01	35.29

802.11g_Nss1,(6Mbps)_1TX

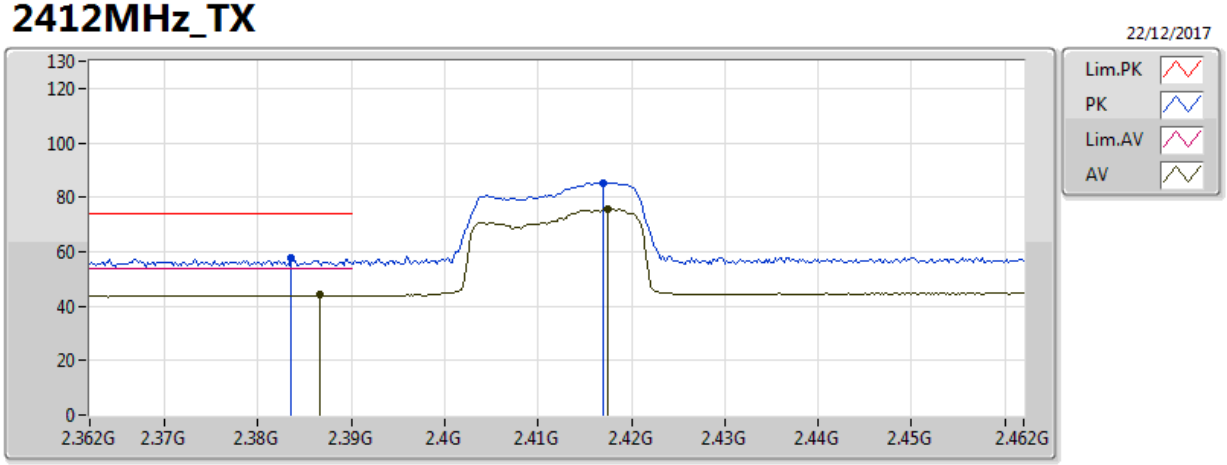
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.37334G	40.92	54.00	-13.08	10.89	3	Horizontal	248	1.50	-	30.03	36.17	10.01	35.29
PK	7.37286G	51.29	74.00	-22.71	10.88	3	Horizontal	248	1.50	-	40.41	36.17	10.01	35.29

802.11n HT20_Nss1,(MCS0)_2TX

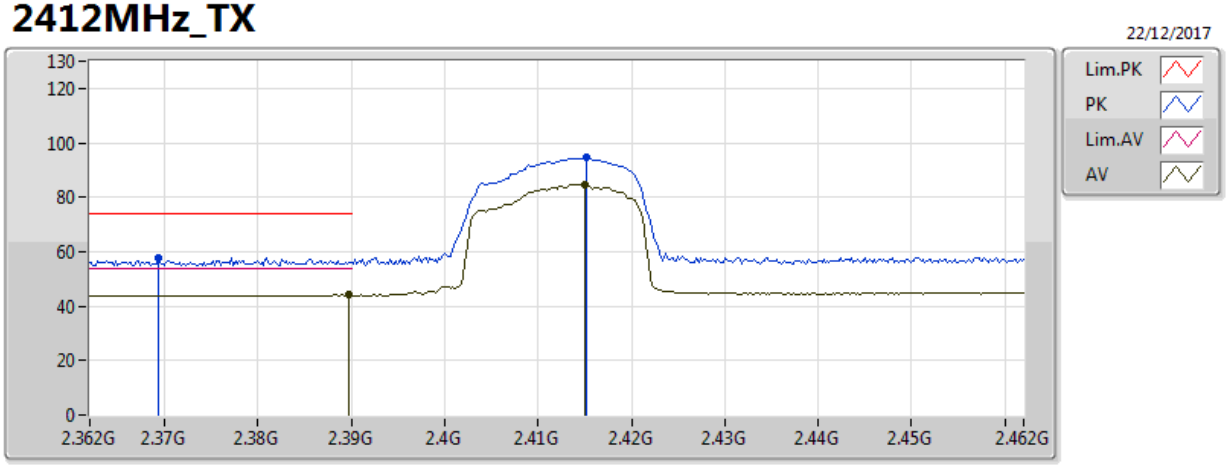
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3866G	44.01	54.00	-9.99	30.44	3	Vertical	179	1.00	-	13.57	27.21	3.24	-
AV	2.4174G	75.89	Inf	-Inf	30.55	3	Vertical	179	1.00	-	45.34	27.29	3.27	-
PK	2.3836G	57.68	74.00	-16.32	30.43	3	Vertical	179	1.00	-	27.24	27.20	3.24	-
PK	2.417G	85.32	Inf	-Inf	30.55	3	Vertical	179	1.00	-	54.77	27.28	3.27	-

802.11n HT20_Nss1,(MCS0)_2TX

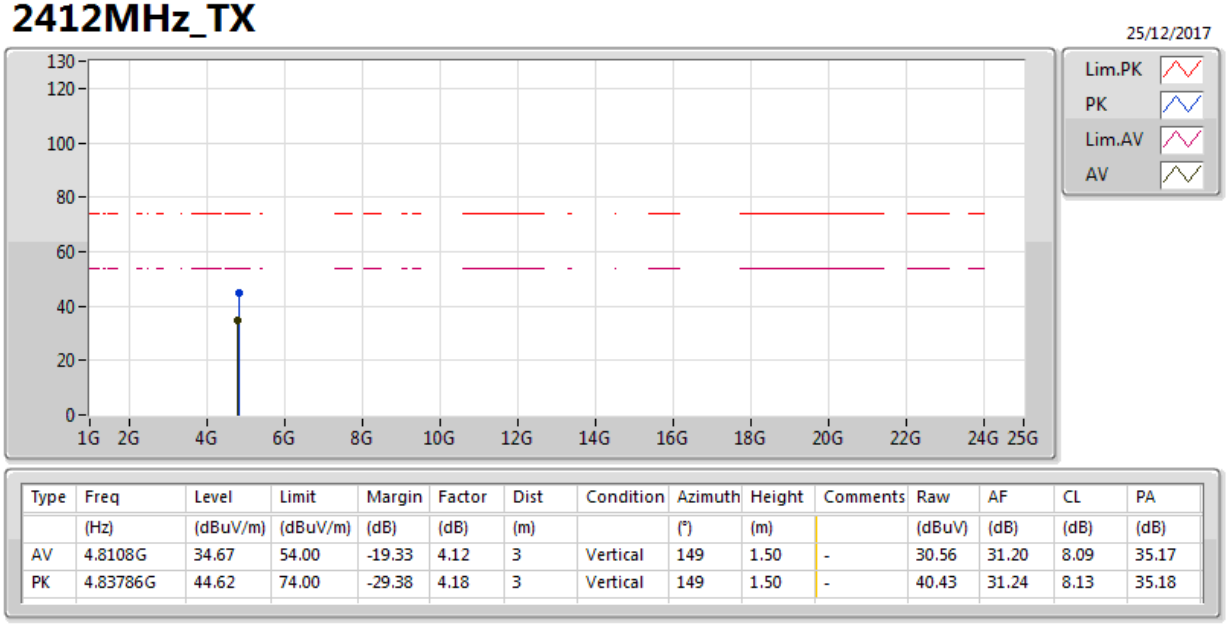
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	44.14	54.00	-9.86	30.45	3	Horizontal	110	1.19	-	13.68	27.21	3.24	-
AV	2.415G	84.87	Inf	-Inf	30.54	3	Horizontal	110	1.19	-	54.33	27.28	3.27	-
PK	2.3694G	57.80	74.00	-16.20	30.38	3	Horizontal	110	1.19	-	27.41	27.16	3.22	-
PK	2.4152G	94.55	Inf	-Inf	30.54	3	Horizontal	110	1.19	-	64.00	27.28	3.27	-

802.11n HT20_Nss1,(MCS0)_2TX

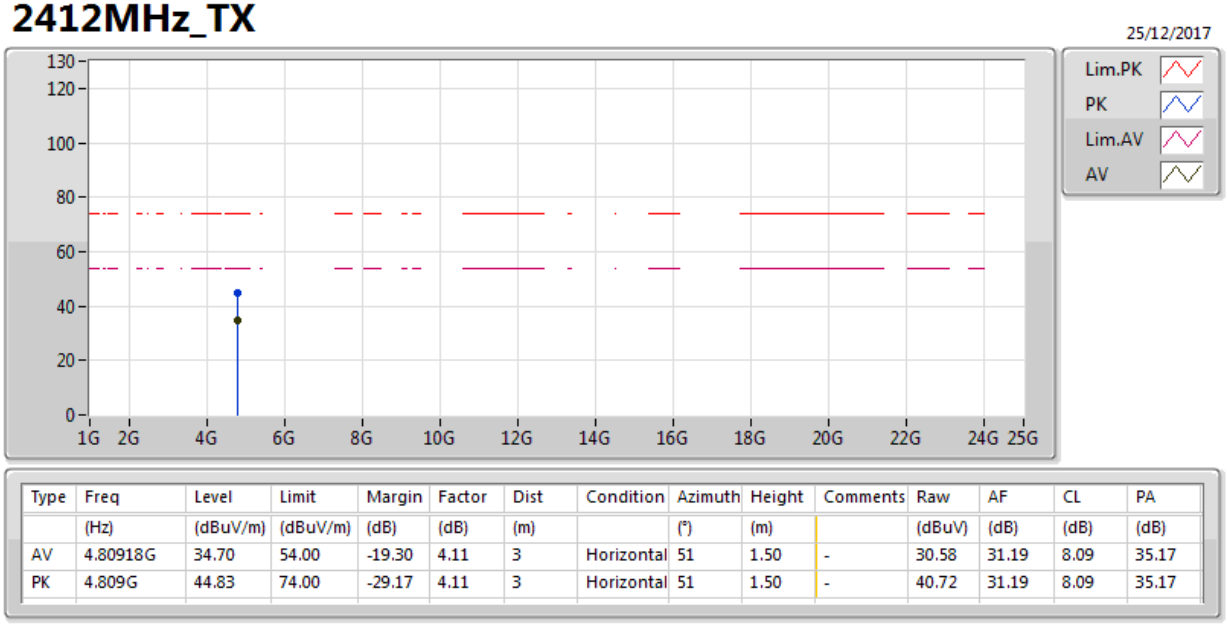
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8108G	34.67	54.00	-19.33	4.12	3	Vertical	149	1.50	-	30.56	31.20	8.09	35.17
PK	4.83786G	44.62	74.00	-29.38	4.18	3	Vertical	149	1.50	-	40.43	31.24	8.13	35.18

802.11n HT20_Nss1,(MCS0)_2TX

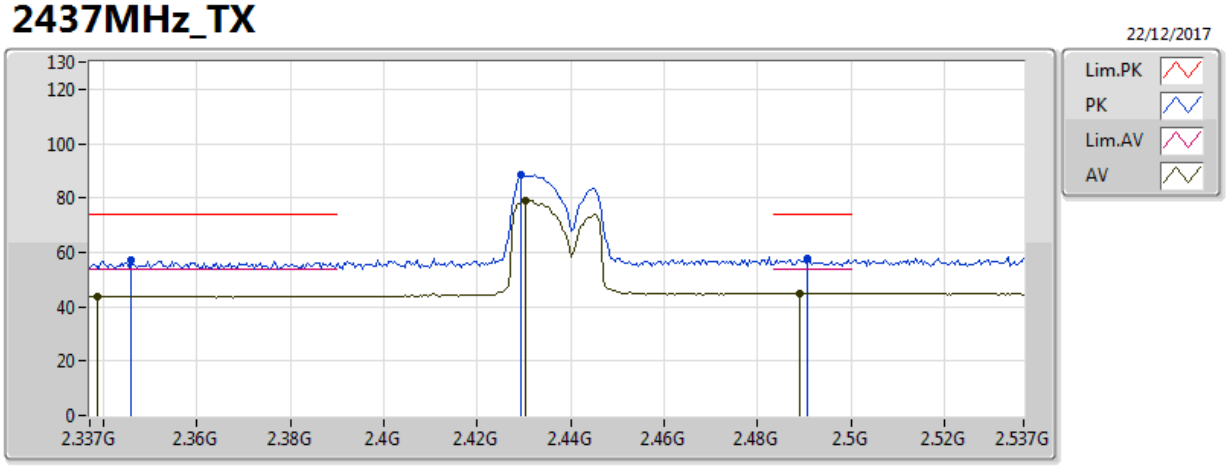
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.80918G	34.70	54.00	-19.30	4.11	3	Horizontal	51	1.50	-	30.58	31.19	8.09	35.17
PK	4.809G	44.83	74.00	-29.17	4.11	3	Horizontal	51	1.50	-	40.72	31.19	8.09	35.17

802.11n HT20_Nss1,(MCS0)_2TX

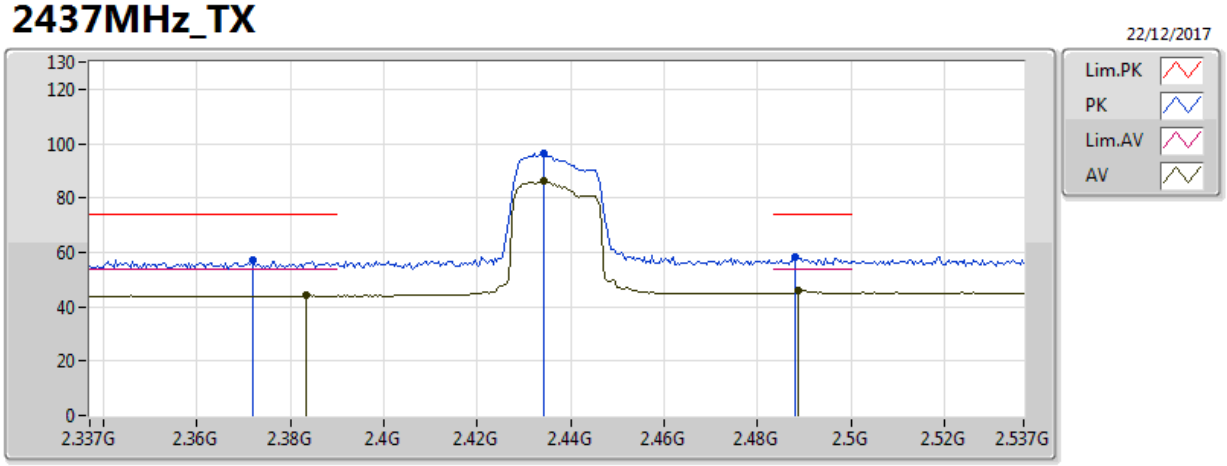
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3386G	43.90	54.00	-10.10	30.28	3	Vertical	170	3.19	-	13.62	27.08	3.19	-
AV	2.4302G	78.83	Inf	-Inf	30.60	3	Vertical	170	3.19	-	48.23	27.32	3.28	-
AV	2.489G	45.03	54.00	-8.97	30.81	3	Vertical	170	3.19	-	14.22	27.47	3.34	-
PK	2.3458G	56.90	74.00	-17.10	30.30	3	Vertical	170	3.19	-	26.60	27.10	3.20	-
PK	2.4294G	88.64	Inf	-Inf	30.60	3	Vertical	170	3.19	-	58.05	27.32	3.28	-
PK	2.4906G	57.91	74.00	-16.09	30.82	3	Vertical	170	3.19	-	27.09	27.48	3.34	-

802.11n HT20_Nss1,(MCS0)_2TX

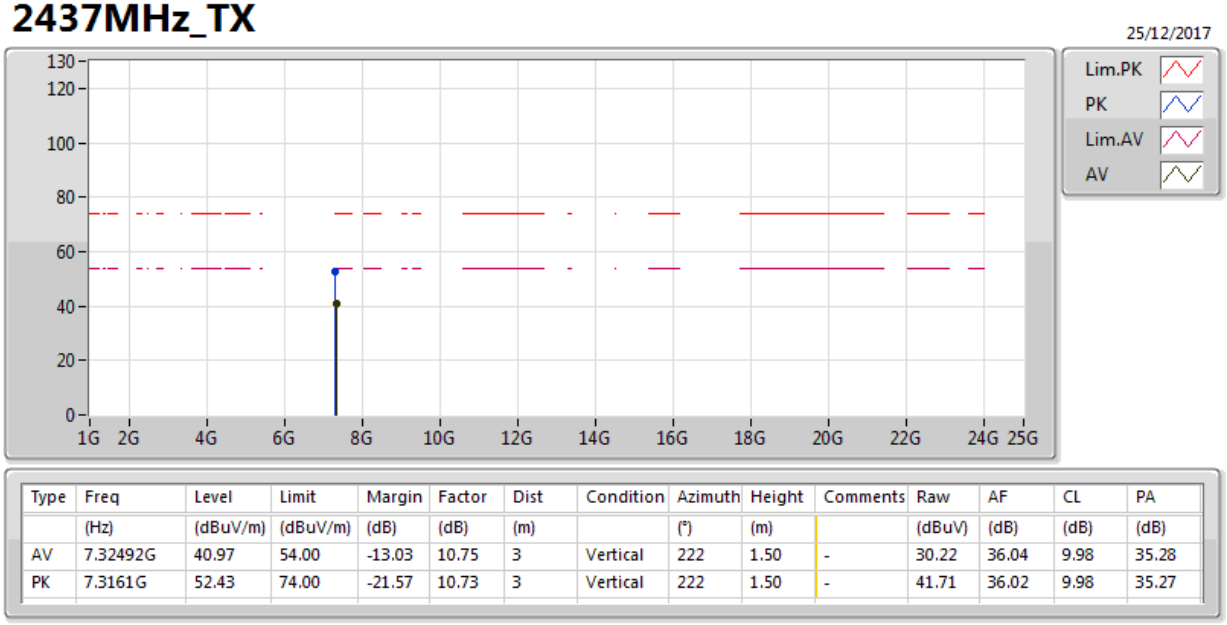
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3834G	44.05	54.00	-9.95	30.43	3	Horizontal	117	1.09	-	13.62	27.20	3.24	-
AV	2.4342G	86.35	Inf	-Inf	30.61	3	Horizontal	117	1.09	-	55.73	27.33	3.28	-
AV	2.4886G	45.98	54.00	-8.02	30.81	3	Horizontal	117	1.09	-	15.17	27.47	3.34	-
PK	2.3718G	56.93	74.00	-17.07	30.39	3	Horizontal	117	1.09	-	26.54	27.17	3.22	-
PK	2.4342G	96.35	Inf	-Inf	30.61	3	Horizontal	117	1.09	-	65.74	27.33	3.28	-
PK	2.4882G	58.10	74.00	-15.90	30.81	3	Horizontal	117	1.09	-	27.29	27.47	3.34	-

802.11n HT20_Nss1,(MCS0)_2TX

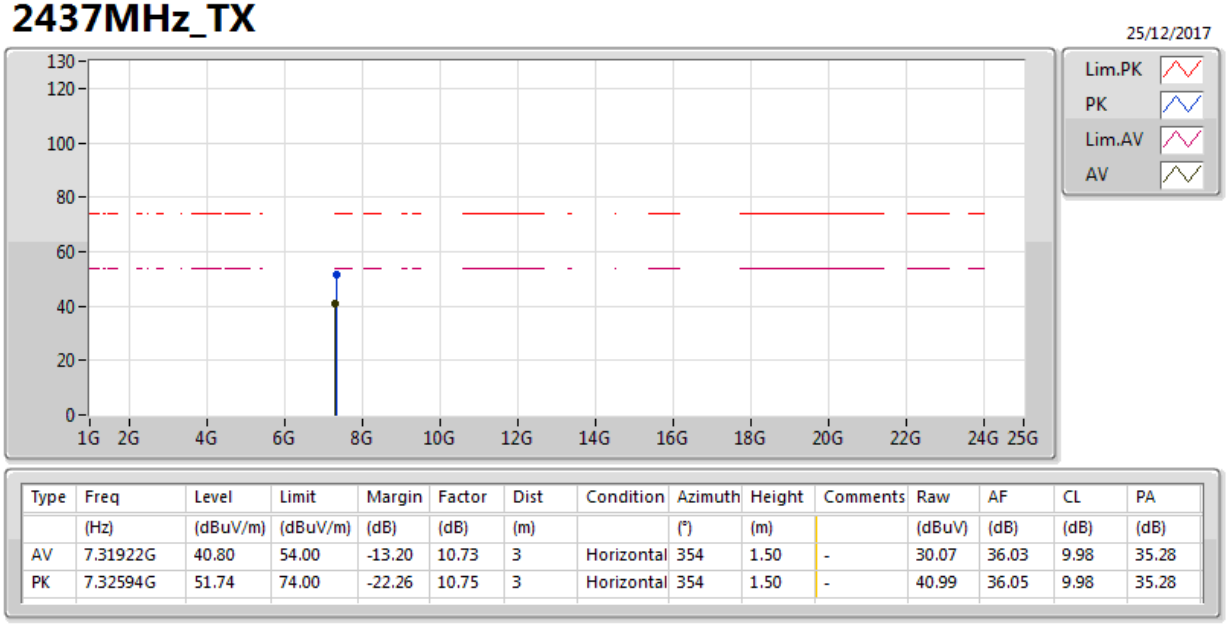
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.32492G	40.97	54.00	-13.03	10.75	3	Vertical	222	1.50	-	30.22	36.04	9.98	35.28
PK	7.3161G	52.43	74.00	-21.57	10.73	3	Vertical	222	1.50	-	41.71	36.02	9.98	35.27

802.11n HT20_Nss1,(MCS0)_2TX

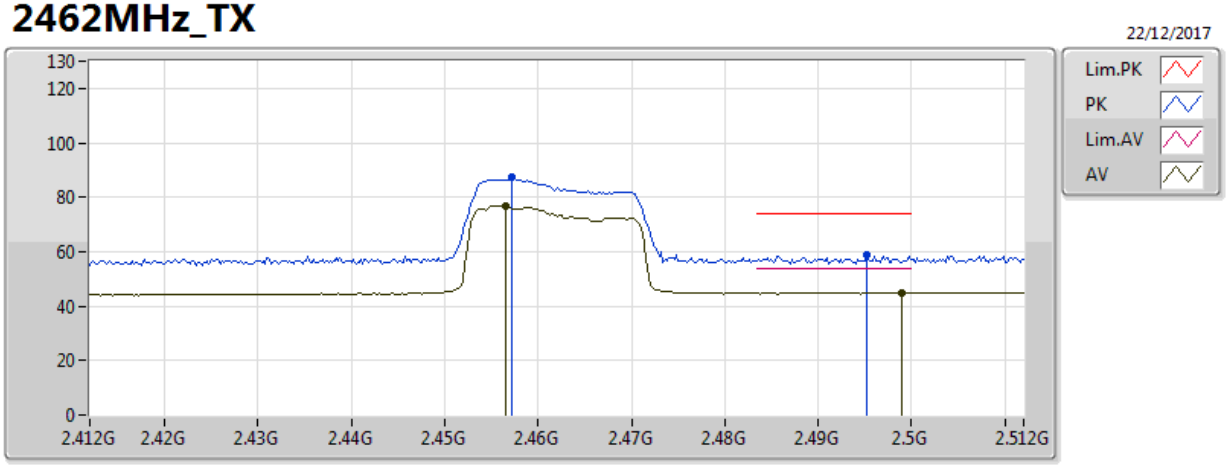
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.31922G	40.80	54.00	-13.20	10.73	3	Horizontal	354	1.50	-	30.07	36.03	9.98	35.28
PK	7.32594G	51.74	74.00	-22.26	10.75	3	Horizontal	354	1.50	-	40.99	36.05	9.98	35.28

802.11n HT20_Nss1,(MCS0)_2TX

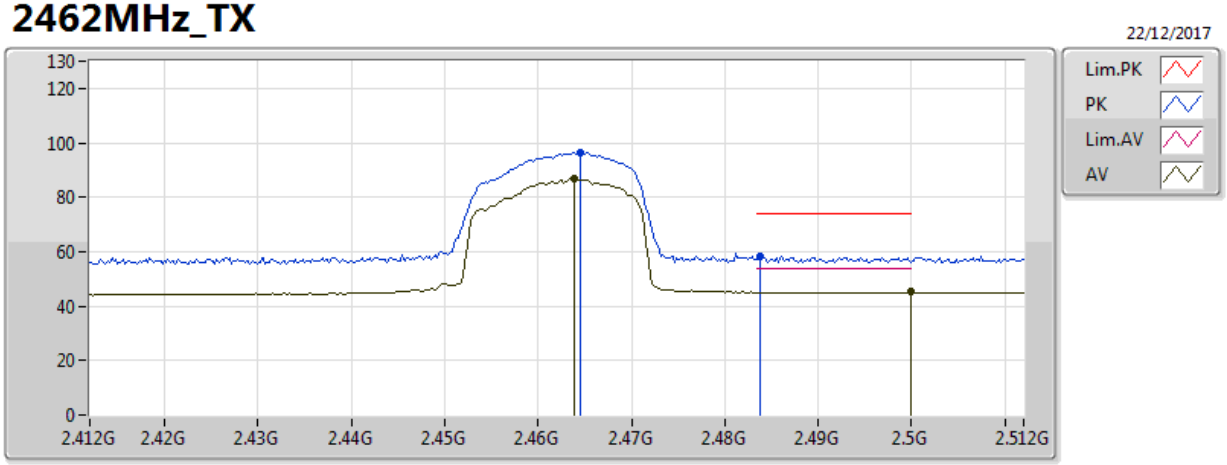
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4566G	76.93	Inf	-Inf	30.69	3	Vertical	11	2.31	-	46.23	27.39	3.31	-
AV	2.499G	44.92	54.00	-9.08	30.85	3	Vertical	11	2.31	-	14.08	27.50	3.35	-
PK	2.4572G	87.15	Inf	-Inf	30.70	3	Vertical	11	2.31	-	56.46	27.39	3.31	-
PK	2.4952G	58.93	74.00	-15.07	30.83	3	Vertical	11	2.31	-	28.10	27.49	3.35	-

802.11n HT20_Nss1,(MCS0)_2TX

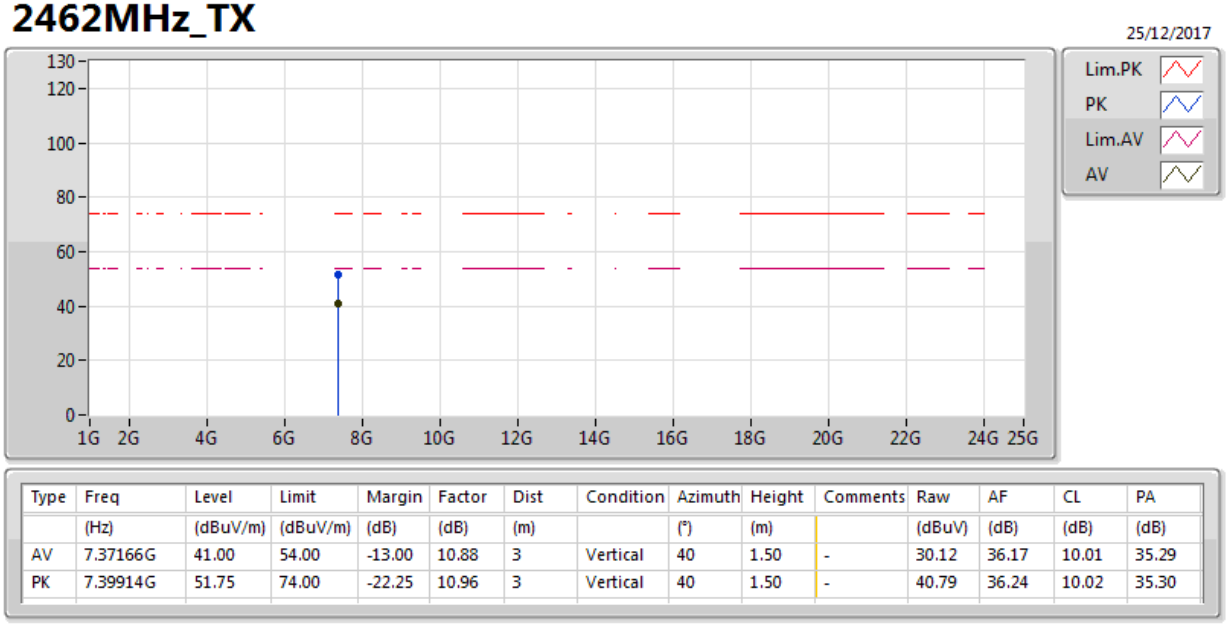
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4638G	86.63	Inf	-Inf	30.72	3	Horizontal	125	1.18	-	55.91	27.41	3.31	-
AV	2.5G	45.16	54.00	-8.84	30.85	3	Horizontal	125	1.18	-	14.31	27.50	3.35	-
PK	2.4646G	96.36	Inf	-Inf	30.72	3	Horizontal	125	1.18	-	65.64	27.41	3.31	-
PK	2.4838G	58.29	74.00	-15.71	30.79	3	Horizontal	125	1.18	-	27.50	27.46	3.33	-

802.11n HT20_Nss1,(MCS0)_2TX

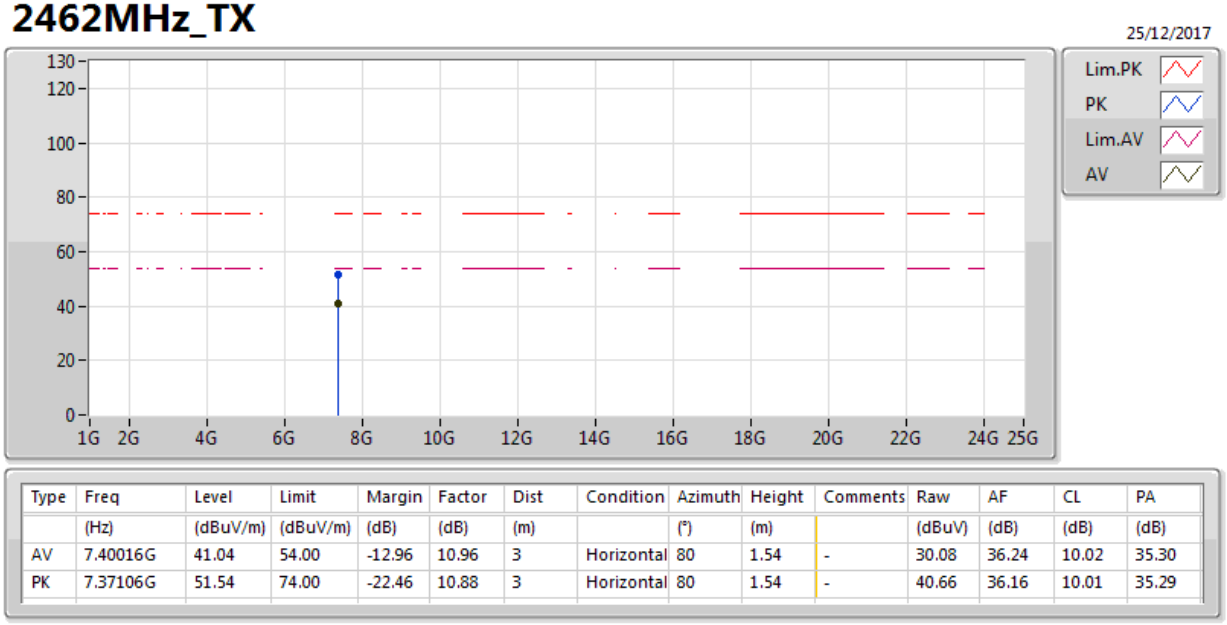
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.37166G	41.00	54.00	-13.00	10.88	3	Vertical	40	1.50	-	30.12	36.17	10.01	35.29
PK	7.39914G	51.75	74.00	-22.25	10.96	3	Vertical	40	1.50	-	40.79	36.24	10.02	35.30

802.11n HT20_Nss1,(MCS0)_2TX

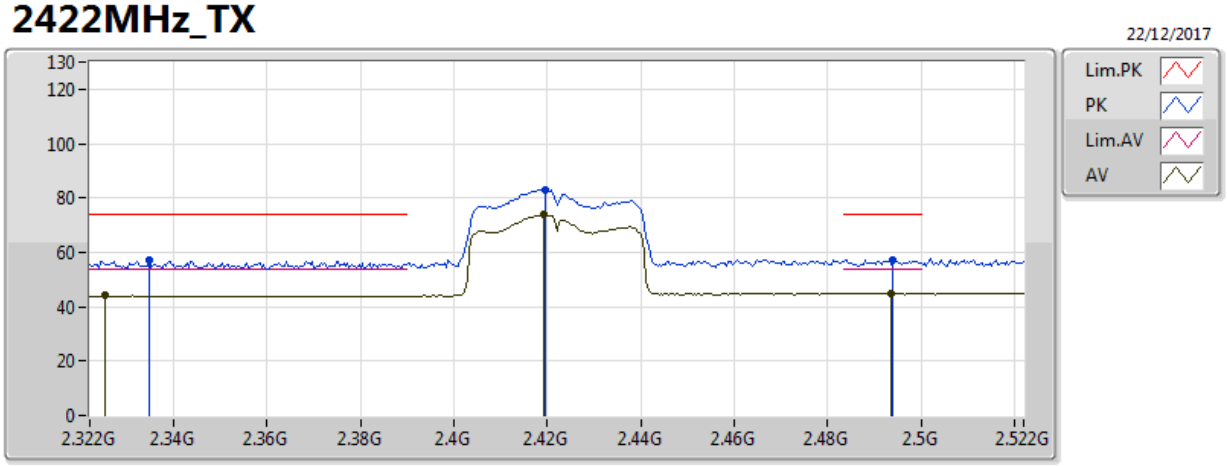
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.40016G	41.04	54.00	-12.96	10.96	3	Horizontal	80	1.54	-	30.08	36.24	10.02	35.30
PK	7.37106G	51.54	74.00	-22.46	10.88	3	Horizontal	80	1.54	-	40.66	36.16	10.01	35.29

802.11n HT40_Nss1,(MCS0)_2TX

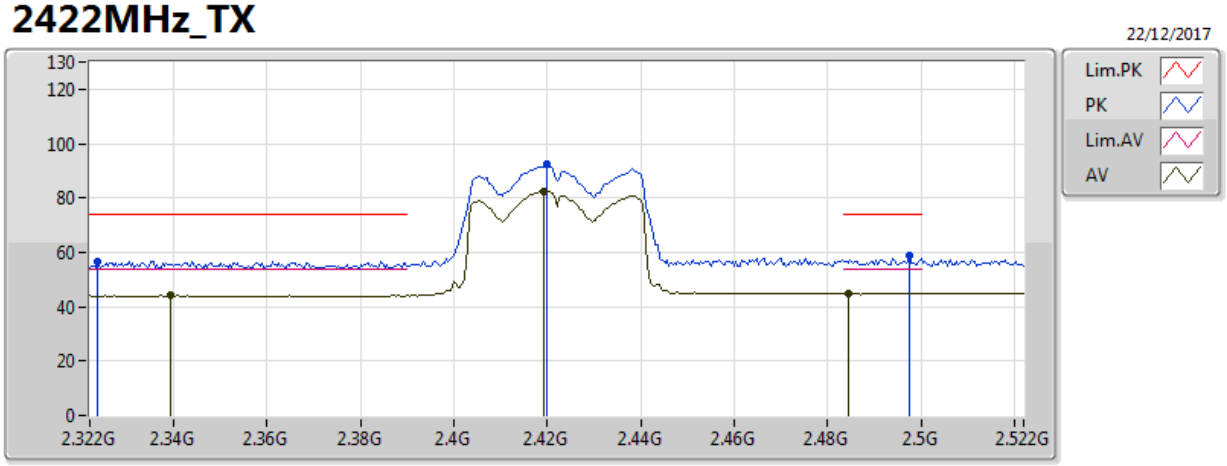
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3252G	44.12	54.00	-9.88	30.23	3	Vertical	12	2.08	-	13.89	27.05	3.18	-
AV	2.4192G	73.77	Inf	-Inf	30.56	3	Vertical	12	2.08	-	43.21	27.29	3.27	-
AV	2.4936G	44.96	54.00	-9.04	30.83	3	Vertical	12	2.08	-	14.13	27.48	3.34	-
PK	2.3348G	56.90	74.00	-17.10	30.26	3	Vertical	12	2.08	-	26.64	27.07	3.19	-
PK	2.4196G	83.19	Inf	-Inf	30.56	3	Vertical	12	2.08	-	52.63	27.29	3.27	-
PK	2.494G	57.13	74.00	-16.87	30.83	3	Vertical	12	2.08	-	26.30	27.48	3.34	-

802.11n HT40_Nss1,(MCS0)_2TX

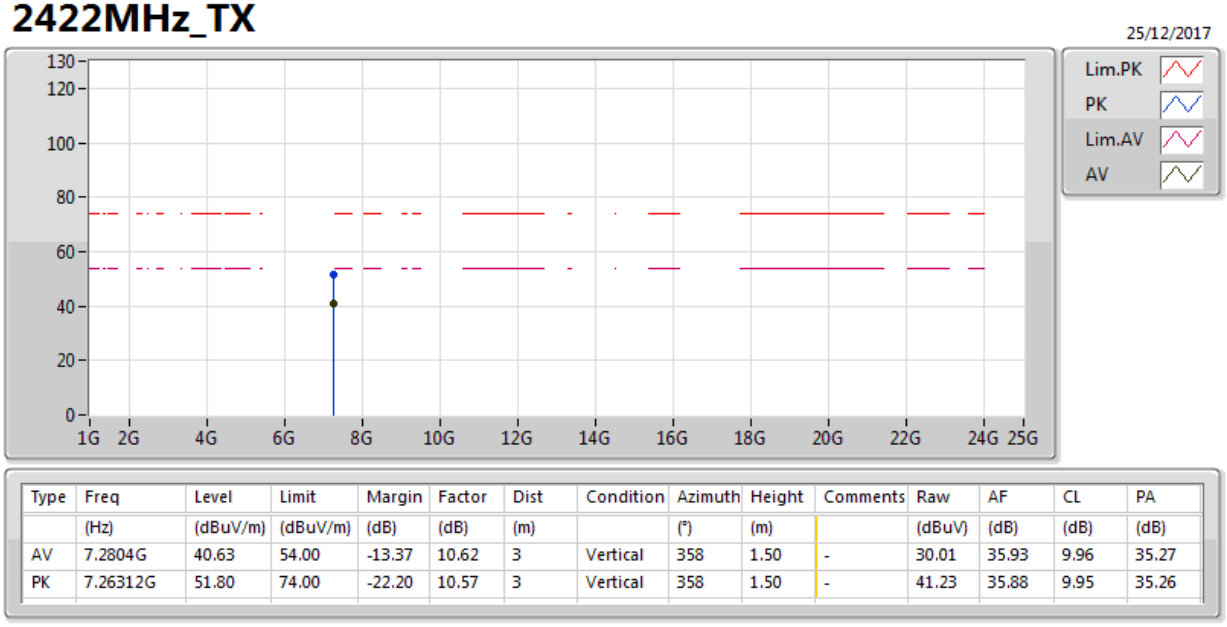
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3392G	44.14	54.00	-9.86	30.28	3	Horizontal	122	1.18	-	13.86	27.08	3.20	-
AV	2.4192G	82.43	Inf	-Inf	30.56	3	Horizontal	122	1.18	-	51.87	27.29	3.27	-
AV	2.4844G	44.98	54.00	-9.02	30.79	3	Horizontal	122	1.18	-	14.18	27.46	3.33	-
PK	2.3236G	56.81	74.00	-17.19	30.22	3	Horizontal	122	1.18	-	26.58	27.04	3.18	-
PK	2.42G	92.64	Inf	-Inf	30.56	3	Horizontal	122	1.18	-	62.08	27.29	3.27	-
PK	2.4976G	58.77	74.00	-15.23	30.84	3	Horizontal	122	1.18	-	27.93	27.49	3.35	-

802.11n HT40_Nss1,(MCS0)_2TX

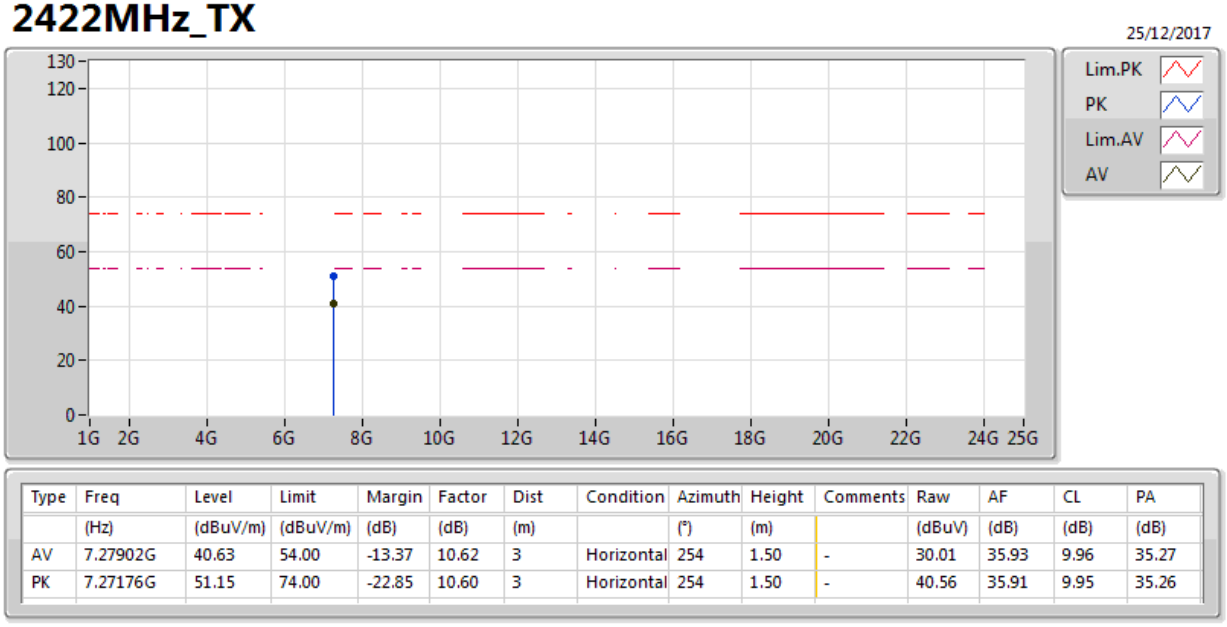
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.2804G	40.63	54.00	-13.37	10.62	3	Vertical	358	1.50	-	30.01	35.93	9.96	35.27
PK	7.26312G	51.80	74.00	-22.20	10.57	3	Vertical	358	1.50	-	41.23	35.88	9.95	35.26

802.11n HT40_Nss1,(MCS0)_2TX

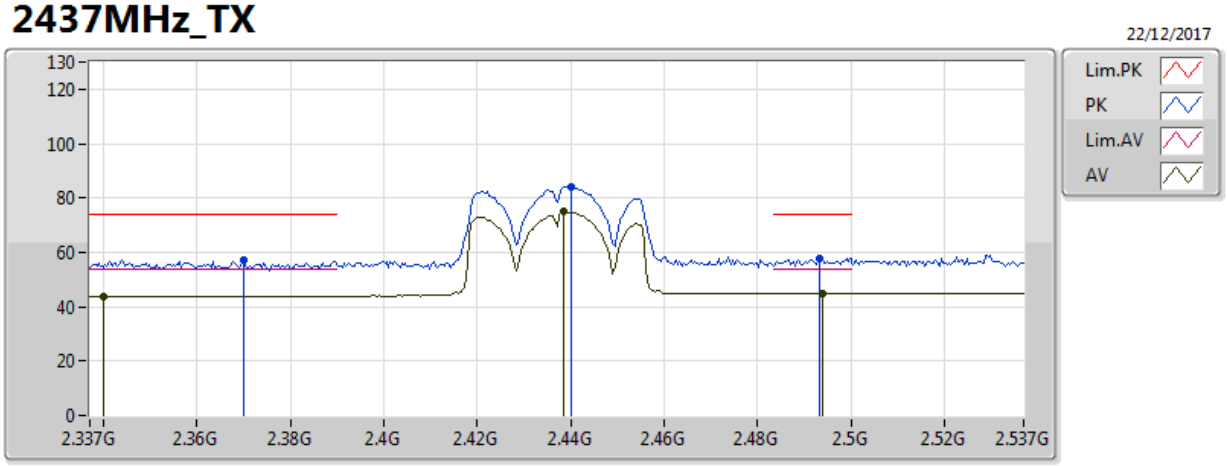
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.27902G	40.63	54.00	-13.37	10.62	3	Horizontal	254	1.50	-	30.01	35.93	9.96	35.27
PK	7.27176G	51.15	74.00	-22.85	10.60	3	Horizontal	254	1.50	-	40.56	35.91	9.95	35.26

802.11n HT40_Nss1,(MCS0)_2TX

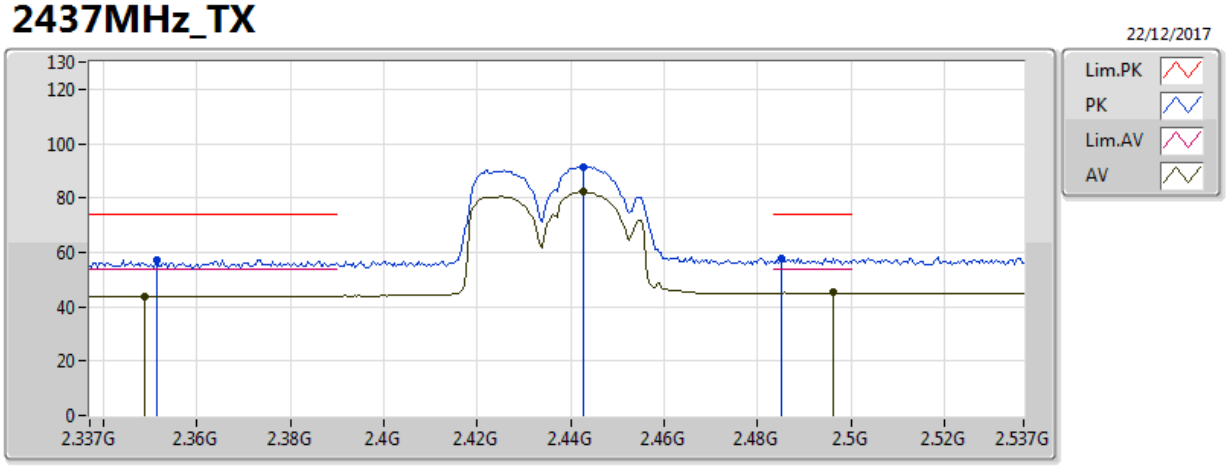
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3398G	43.95	54.00	-10.05	30.28	3	Vertical	169	3.10	-	13.67	27.08	3.20	-
AV	2.4386G	74.91	Inf	-Inf	30.63	3	Vertical	169	3.10	-	44.28	27.34	3.29	-
AV	2.4938G	44.98	54.00	-9.02	30.83	3	Vertical	169	3.10	-	14.15	27.48	3.34	-
PK	2.3698G	57.02	74.00	-16.98	30.38	3	Vertical	169	3.10	-	26.64	27.16	3.22	-
PK	2.4402G	84.18	Inf	-Inf	30.63	3	Vertical	169	3.10	-	53.55	27.34	3.29	-
PK	2.4934G	57.57	74.00	-16.43	30.83	3	Vertical	169	3.10	-	26.75	27.48	3.34	-

802.11n HT40_Nss1,(MCS0)_2TX

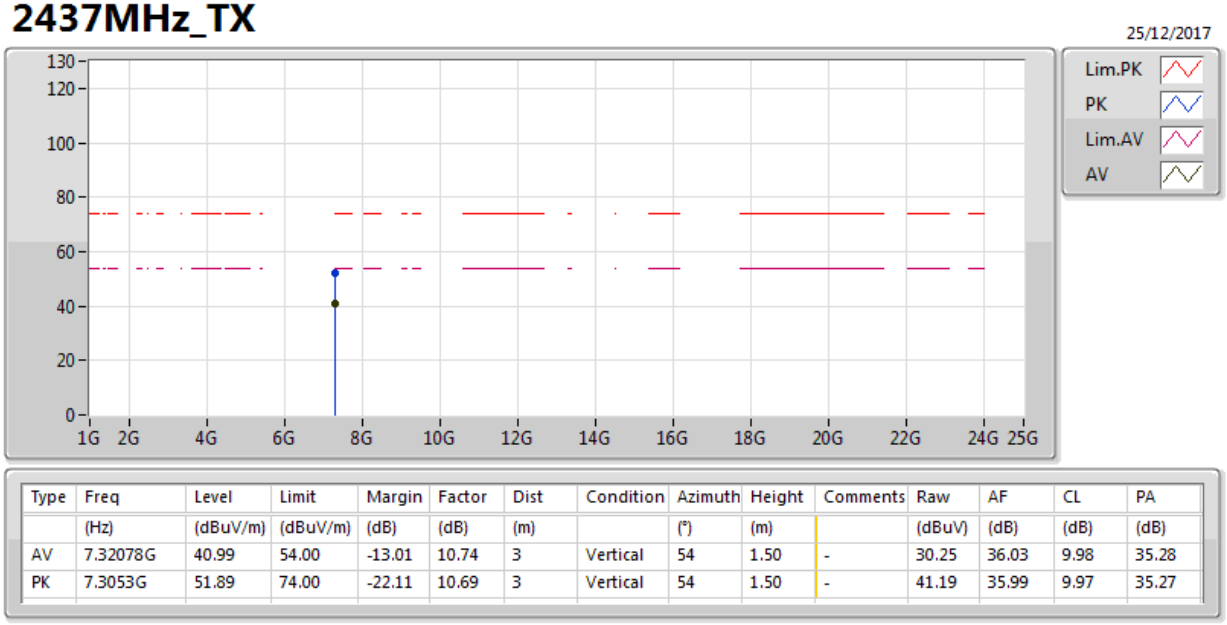
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3486G	43.96	54.00	-10.04	30.31	3	Horizontal	117	1.29	-	13.65	27.11	3.20	-
AV	2.4426G	82.24	Inf	-Inf	30.64	3	Horizontal	117	1.29	-	51.60	27.35	3.29	-
AV	2.4962G	45.24	54.00	-8.76	30.84	3	Horizontal	117	1.29	-	14.40	27.49	3.35	-
PK	2.3514G	57.14	74.00	-16.86	30.32	3	Horizontal	117	1.29	-	26.82	27.11	3.21	-
PK	2.4426G	91.55	Inf	-Inf	30.64	3	Horizontal	117	1.29	-	60.91	27.35	3.29	-
PK	2.485G	57.82	74.00	-16.18	30.80	3	Horizontal	117	1.29	-	27.02	27.46	3.33	-

802.11n HT40_Nss1,(MCS0)_2TX

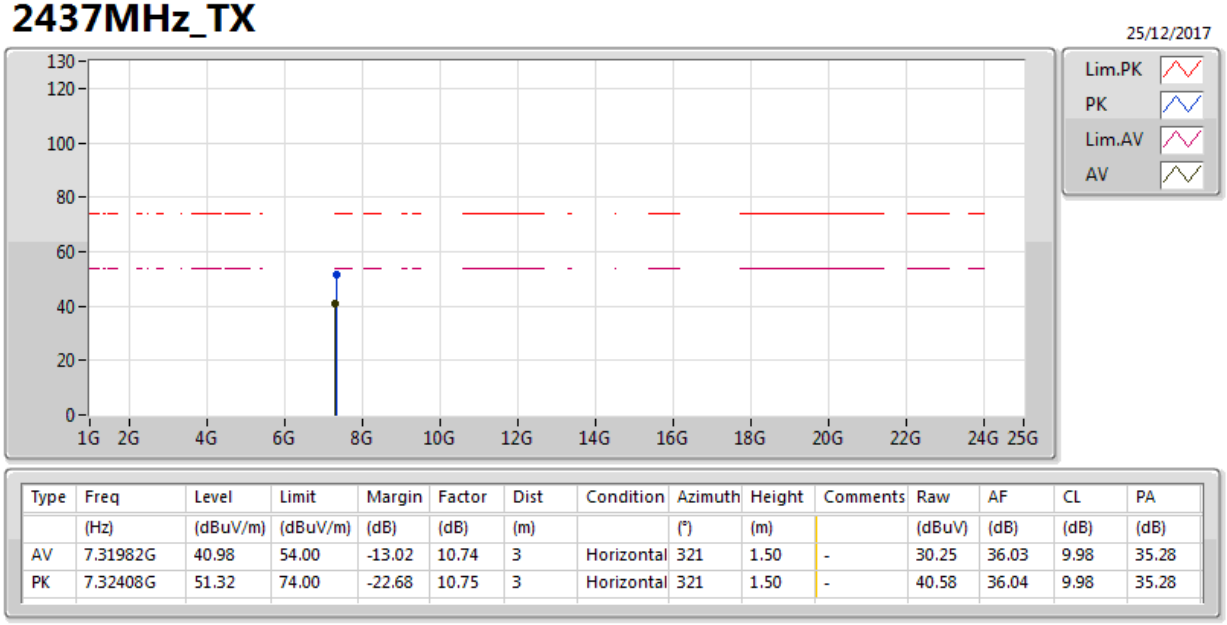
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.32078G	40.99	54.00	-13.01	10.74	3	Vertical	54	1.50	-	30.25	36.03	9.98	35.28
PK	7.3053G	51.89	74.00	-22.11	10.69	3	Vertical	54	1.50	-	41.19	35.99	9.97	35.27

802.11n HT40_Nss1,(MCS0)_2TX

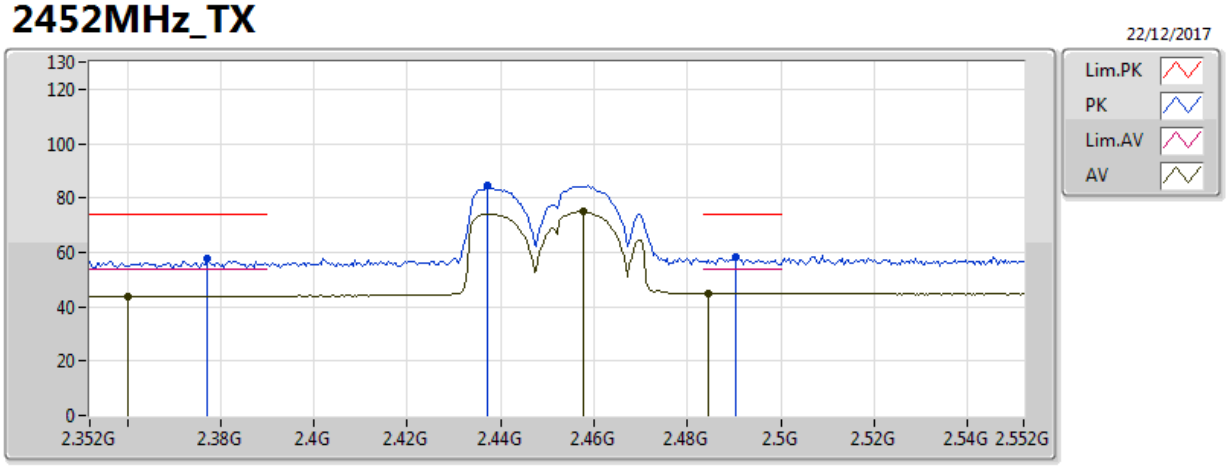
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.31982G	40.98	54.00	-13.02	10.74	3	Horizontal	321	1.50	-	30.25	36.03	9.98	35.28
PK	7.32408G	51.32	74.00	-22.68	10.75	3	Horizontal	321	1.50	-	40.58	36.04	9.98	35.28

802.11n HT40_Nss1,(MCS0)_2TX

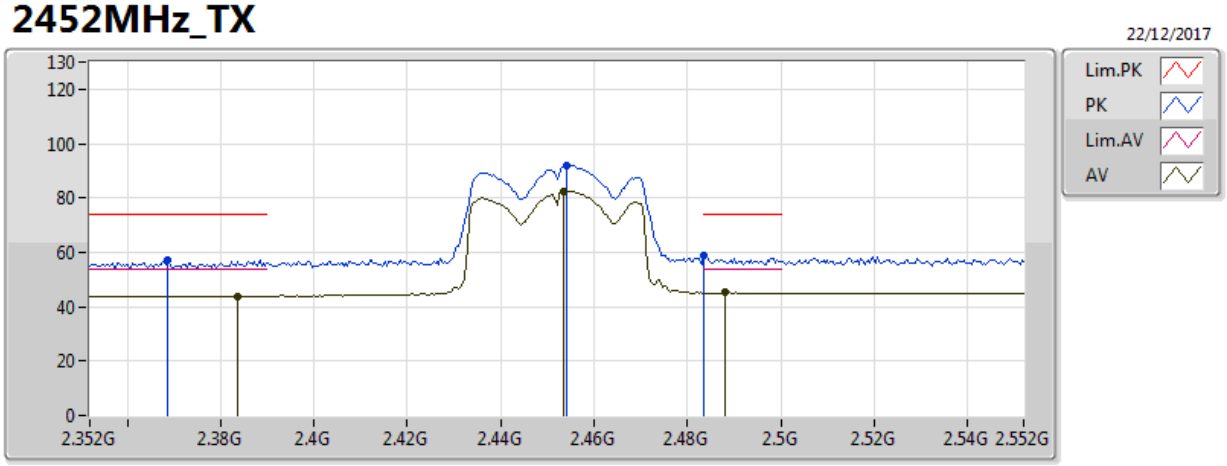
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.36G	43.84	54.00	-10.16	30.35	3	Vertical	164	3.05	-	13.49	27.14	3.21	-
AV	2.4576G	75.02	Inf	-Inf	30.70	3	Vertical	164	3.05	-	44.32	27.39	3.31	-
AV	2.4844G	44.99	54.00	-9.01	30.79	3	Vertical	164	3.05	-	14.20	27.46	3.33	-
PK	2.3772G	57.56	74.00	-16.44	30.41	3	Vertical	164	3.05	-	27.15	27.18	3.23	-
PK	2.4372G	84.51	Inf	-Inf	30.62	3	Vertical	164	3.05	-	53.89	27.34	3.29	-
PK	2.4904G	58.16	74.00	-15.84	30.82	3	Vertical	164	3.05	-	27.34	27.48	3.34	-

802.11n HT40_Nss1,(MCS0)_2TX

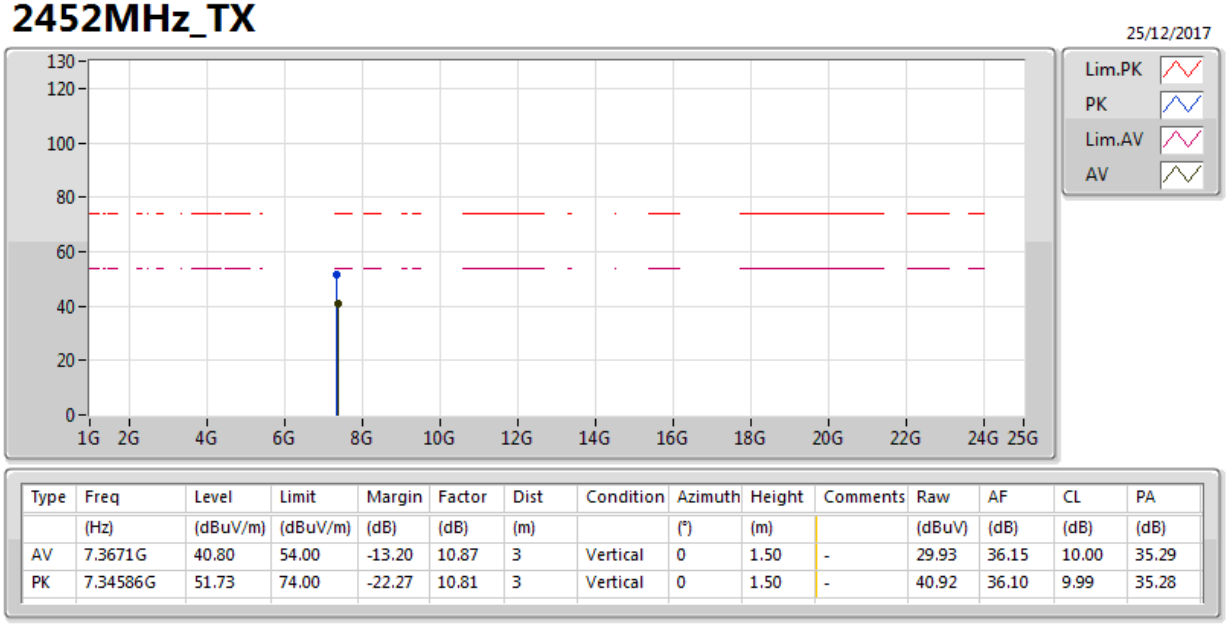
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3836G	43.97	54.00	-10.03	30.43	3	Horizontal	126	1.21	-	13.54	27.20	3.24	-
AV	2.4536G	82.61	Inf	-Inf	30.68	3	Horizontal	126	1.21	-	51.93	27.38	3.30	-
AV	2.488G	45.21	54.00	-8.79	30.81	3	Horizontal	126	1.21	-	14.41	27.47	3.34	-
PK	2.3688G	57.31	74.00	-16.69	30.38	3	Horizontal	126	1.21	-	26.93	27.16	3.22	-
PK	2.454G	91.93	Inf	-Inf	30.68	3	Horizontal	126	1.21	-	61.25	27.38	3.30	-
PK	2.4836G	58.73	74.00	-15.27	30.79	3	Horizontal	126	1.21	-	27.94	27.46	3.33	-

802.11n HT40_Nss1,(MCS0)_2TX

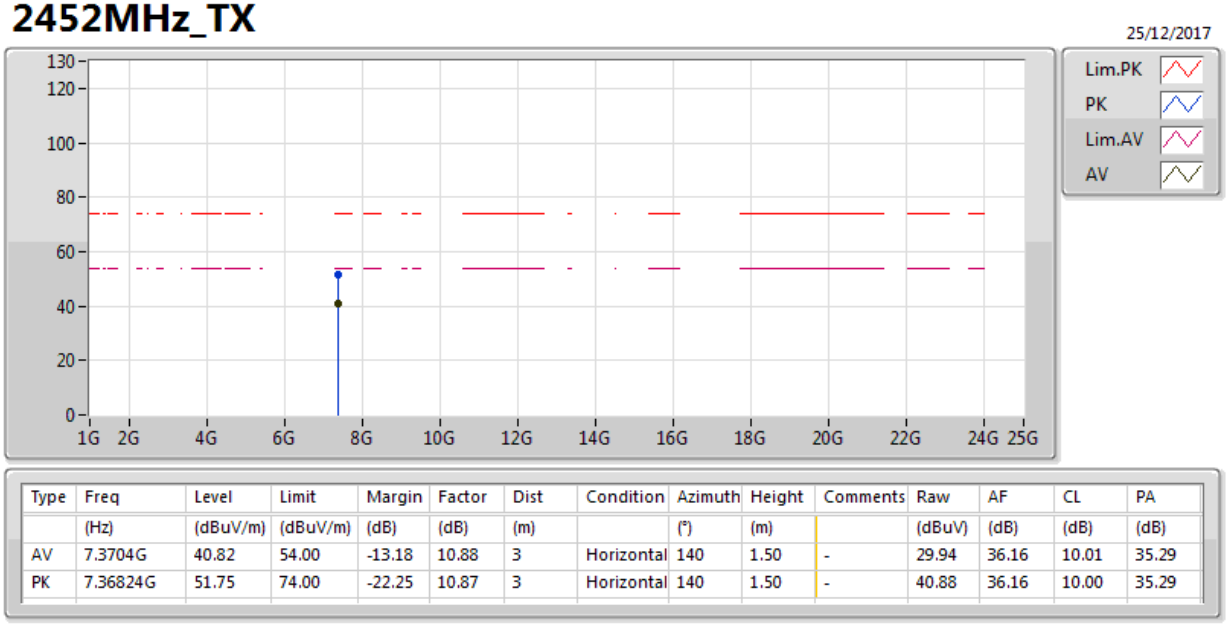
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.3671G	40.80	54.00	-13.20	10.87	3	Vertical	0	1.50	-	29.93	36.15	10.00	35.29
PK	7.34586G	51.73	74.00	-22.27	10.81	3	Vertical	0	1.50	-	40.92	36.10	9.99	35.28

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.3704G	40.82	54.00	-13.18	10.88	3	Horizontal	140	1.50	-	29.94	36.16	10.01	35.29
PK	7.36824G	51.75	74.00	-22.25	10.87	3	Horizontal	140	1.50	-	40.88	36.16	10.00	35.29