FCC Test Report

FCC ID	:	**SWX-LBE5ACLR**
Equipment	:	**LiteBeam AC LR**
Brand Name	:	**UBIQUITI**
Model Name	:	**LBE-5AC-LR**
Applicant / Manufacturer	:	**Ubiquiti Networks, Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jul. 19, 2018, and testing was started from Jul. 23, 2018 and completed on Aug. 30, 2018. . We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR871939AC	01	Initial issue of report	Sep. 05, 2018

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
3.1	15.207	AC Power-line Conducted Emissions	PASS	FCC 15.207
3.2	15.247(a)	DTS Bandwidth	PASS	≥500kHz
3.3	15.247(b)	Maximum Conducted Output Power	PASS	Power [dBm]: 30
3.4	15.247(e)	Power Spectral Density	PASS	PSD [dBm/3kHz]: 8
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	Non-Restricted Bands: > 30 dBc
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: FCC 15.209

Reviewed by: Jackson Tsai

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)
2400-2483.5	b, g, n (HT20)	2412-2462
2400-2483.5	n (HT40)	2422-2452

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
1	-	-	Internal antenna	Murata
2	-	-	Dish antenna	Murata
3	-	-	Dish antenna	Murata

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	2	-
2	2	-	26
3	3	-	26

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

Only Ant. 1 (port 1) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac mode (2TX/2RX)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
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	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.988	0.052	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	0.988	0.052	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	0.997	0.013	n/a (DC>=0.98)	n/a (DC>=0.98)

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 v05

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
AC Conduction	CO04-HY	Daniel	23°C / 52%	28/Aug/2018
RF Conducted	TH06-HY	Tim	26.5°C / 60%	23/Jul/2018
Radiated	03CH03-HY	Andy	24.6°C / 62%	30/Aug/2018

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%
Temperature	0.7 ℃	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software	DoS

2.3 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	PoE 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	PoE mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	**Y Plane**
	
Worst Planes of EUT	V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz +WLAN 5GHz
Refer to Sporton Test Report No.: FA871939 for Co-location RF Exposure Evaluation.	

2.4 Accessories

Accessories				
PoE Adapter	**Brand Name**	UBIQUITI	**Model Name**	GP-J240-030G
	Power Rating	I/P: 100 - 240Vac, 0.3A, O/P: 24Vdc, 0.3A		
Power Cord	**Power Cord**	2.6 meter, non-shielded cable		

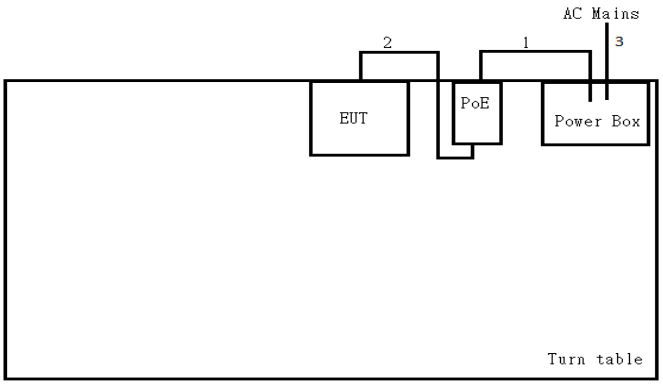
Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

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

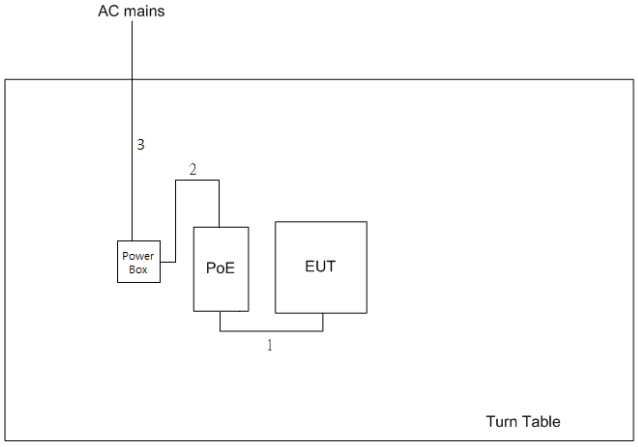
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	AC Power line	No	0.6m
2	RJ45 cable	No	0.5m
3	AC Power line	No	1.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	RJ45 cable	No	0.5m
2	AC Power line	No	0.6m
3	AC Power line	No	1.8m

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

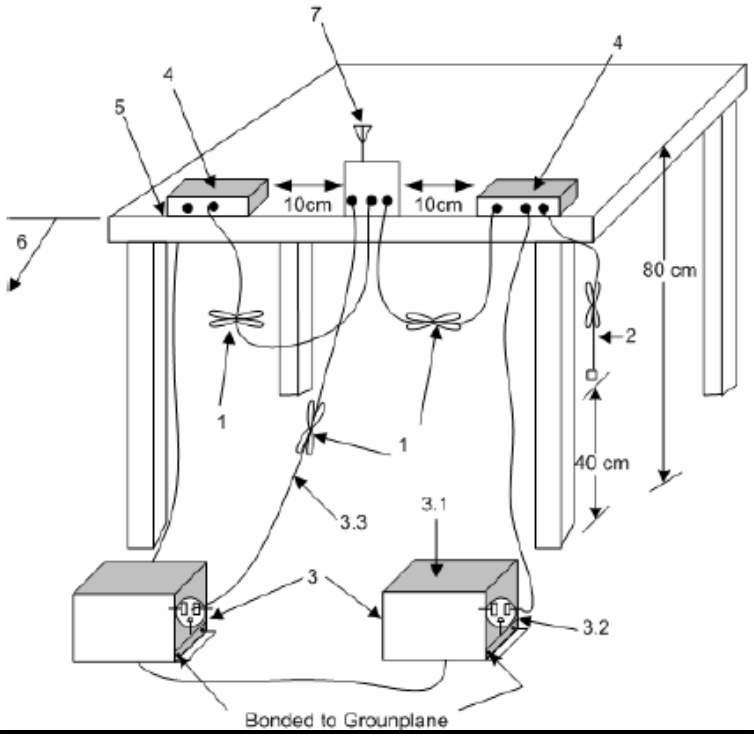
Refer a test equipment and calibration data table in this test report.

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 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

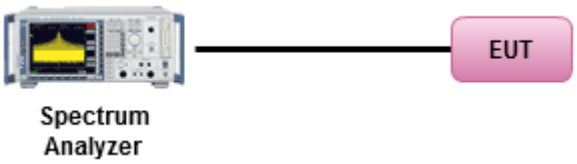
3.2.2 Measuring Instruments

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 (11.9.2.2 of ANSI C63.10) DTS bandwidth measurement.
	☐ Refer as RSS-Gen, clause 6.7 for 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

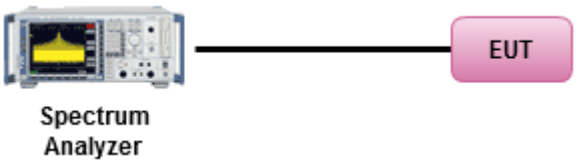
3.4.2 Measuring Instruments

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) Method PKPSD.	
▪ 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 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.	

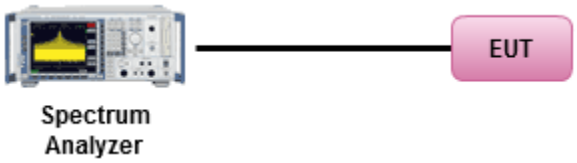
3.5.2 Measuring Instruments

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

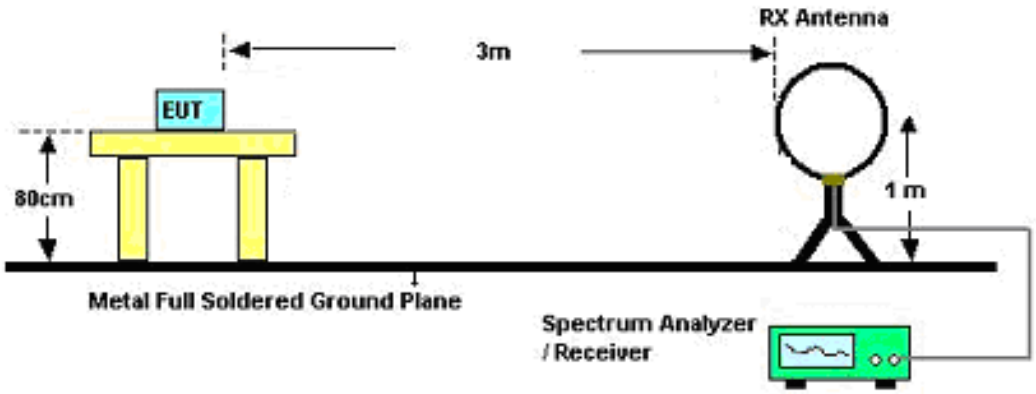
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

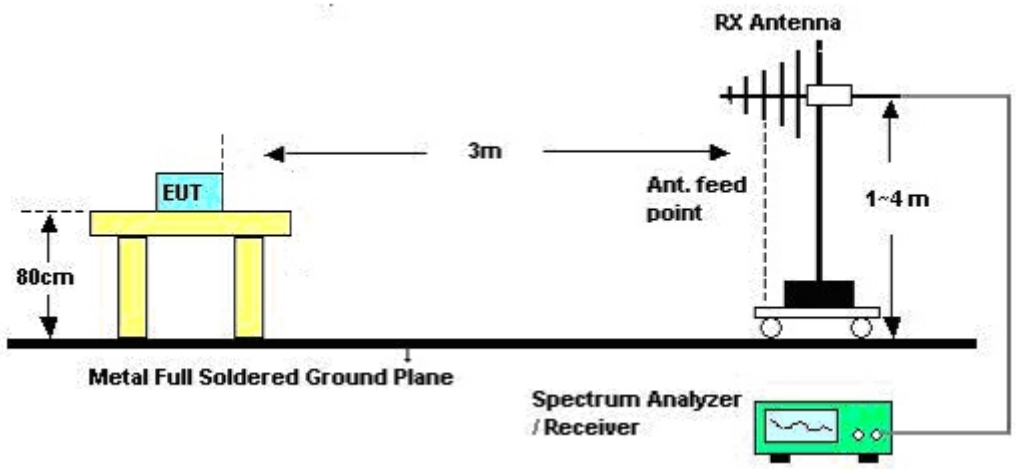
Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted 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 (i.e., 1 MHz).

3.6.4 Test Setup

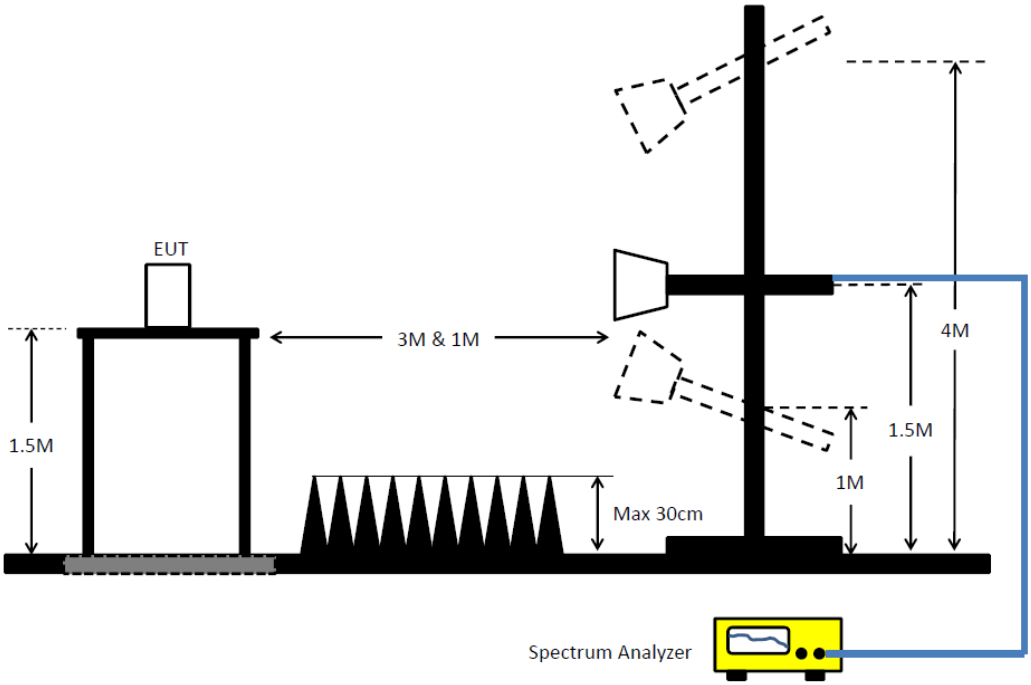
Emissions in Restricted Frequency Bands
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 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.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

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	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/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

NCR : Non-Calibration Require

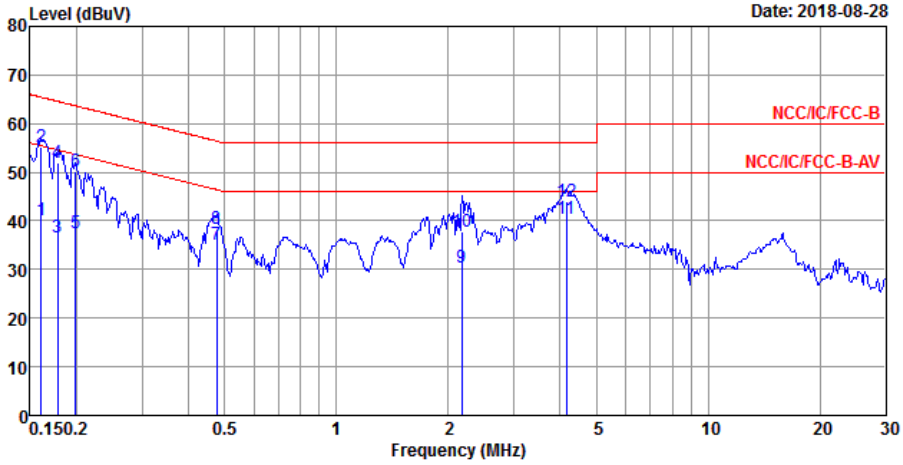
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
CABLE 0.2m	HUBER	MY37960/4	RF Cable - 17	1 to 18GHz	17/Jan/2018	16/Jan/2019
CABLE 0.2m	HUBER	MY37960/4	RF Cable - 17	30 to 1000MHz	17/Jan/2018	16/Jan/2019
CABLE 0.5m	HUBER	MY37963/4	RF Cable - 22	1 to 18GHz	17/Jan/2018	16/Jan/2019

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	31/Oct/2017	30/Oct/2018
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	01/Nov/2017	31/Oct/2018
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	23/Apr/2018	19/Apr/2019
Microwave System Preamplifier	Agilent	8449B	3008A02326	1GHz ~ 26.5GHz	03/Jul/2018	02/Jul/2019
Signal Analyzer	R&S	FSP40	100305	10Hz ~ 40GHz	04/Jan/2018	03/Jan/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	29/Jan/2018	28/Jan/2019
RF Cable-high	SUHNER	SUCOFLEX 106	CB222	1GHz ~ 40GHz	29/Jan/2018	28/Jan/2019
Bilog Antenna	SCHAFFNER	CBL 6112B	2723	30MHz ~ 1GHz	09/Sep/2017	08/Sep/2018
Receiver	R&S	ESCS 30	100354	9kHz ~ 2.75GHz	08/Dec/2017	07/Dec/2018
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	06/Feb/ 2018	05/Feb/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019
Amplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	28/Mar/2018	27/Mar/2019

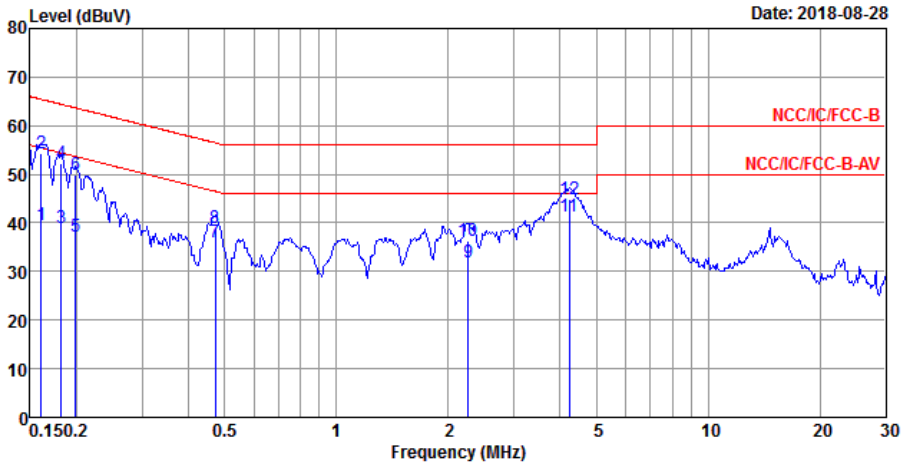
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	40.12	-15.31	55.43	30.46	9.63	0.03	Average
2	0.16	55.15	-10.28	65.43	45.49	9.63	0.03	QP
3	0.18	36.61	-17.98	54.59	26.97	9.62	0.02	Average
4	0.18	51.93	-12.66	64.59	42.29	9.62	0.02	QP
5	0.20	37.41	-16.26	53.67	27.79	9.62	0.00	Average
6	0.20	50.22	-13.45	63.67	40.60	9.62	0.00	QP
7	0.48	35.22	-11.19	46.41	25.53	9.61	0.08	Average
8	0.48	38.40	-18.01	56.41	28.71	9.61	0.08	QP
9	2.18	30.34	-15.66	46.00	20.70	9.63	0.01	Average
10	2.18	37.71	-18.29	56.00	28.07	9.63	0.01	QP
11 MAX	4.16	40.38	-5.62	46.00	30.65	9.64	0.09	Average
12	4.16	44.09	-11.91	56.00	34.36	9.64	0.09	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	PoE mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	39.49	-15.94	55.43	29.84	9.62	0.03	Average
2	0.16	54.43	-11.00	65.43	44.78	9.62	0.03	QP
3	0.18	38.94	-15.48	54.42	29.31	9.62	0.01	Average
4	0.18	52.24	-12.18	64.42	42.61	9.62	0.01	QP
5	0.20	37.28	-16.39	53.67	27.66	9.62	0.00	Average
6	0.20	49.94	-13.73	63.67	40.32	9.62	0.00	QP
7	0.47	36.04	-10.45	46.49	26.35	9.61	0.08	Average
8	0.47	39.08	-17.41	56.49	29.39	9.61	0.08	QP
9	2.26	31.93	-14.07	46.00	22.29	9.62	0.02	Average
10	2.26	36.43	-19.57	56.00	26.79	9.62	0.02	QP
11 MAX	4.22	41.21	-4.79	46.00	31.49	9.63	0.09	Average
12	4.22	44.84	-11.16	56.00	35.12	9.63	0.09	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	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.05M	14.168M	14M2G1D	10.025M	14.118M
802.11g_Nss1,(6Mbps)_1TX	16.275M	28.311M	28M3D1D	15.725M	18.591M
802.11n HT20_Nss1,(MCS0)_1TX	16.55M	30.01M	30M0D1D	16.125M	19.94M
802.11n HT40_Nss1,(MCS0)_1TX	35.7M	36.582M	36M6D1D	35.3M	36.332M

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;

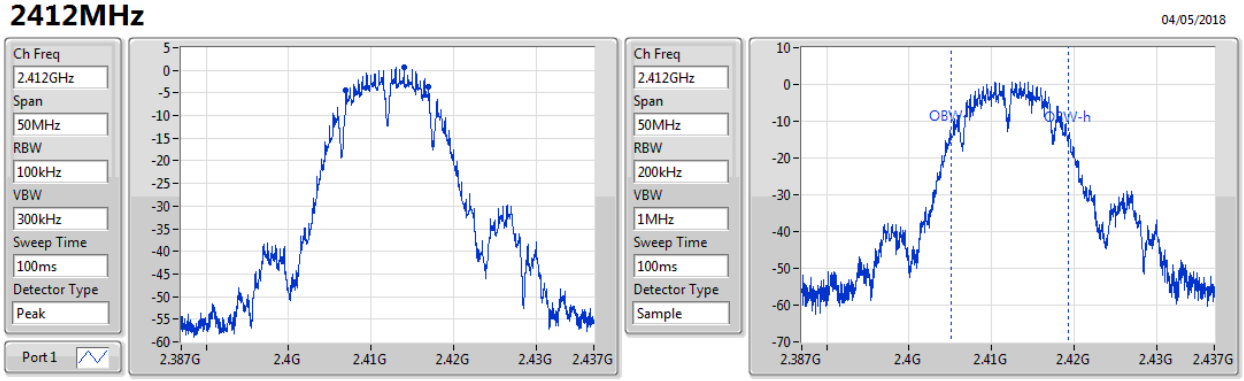
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	10.025M	14.168M
2437MHz_TnomVnom	Pass	500k	10.05M	14.118M
2462MHz_TnomVnom	Pass	500k	10.025M	14.168M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.775M	18.591M
2437MHz_TnomVnom	Pass	500k	16.275M	28.311M
2462MHz_TnomVnom	Pass	500k	15.725M	20.99M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.3M	19.965M
2437MHz_TnomVnom	Pass	500k	16.125M	30.01M
2462MHz_TnomVnom	Pass	500k	16.55M	19.94M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.4M	36.332M
2437MHz_TnomVnom	Pass	500k	35.3M	36.482M
2452MHz_TnomVnom	Pass	500k	35.7M	36.582M

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

802.11b_Nss1,(1Mbps)_1TX EBW

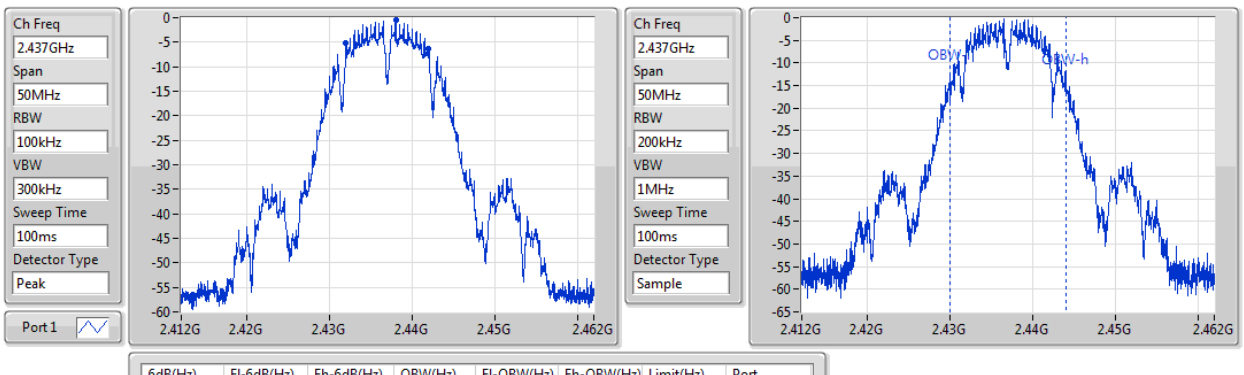
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.406975G	2.417G	14.168M	2.405103G	2.419271G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

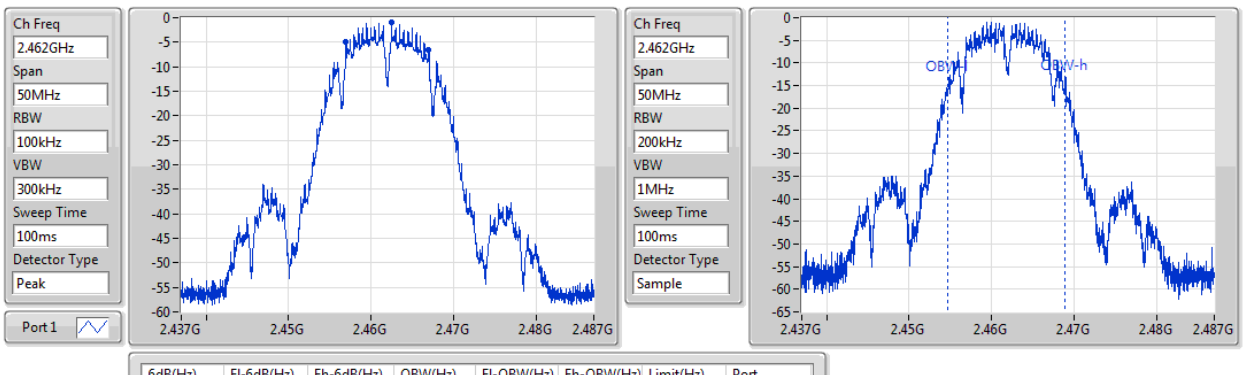
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.43195G	2.442G	14.118M	2.429904G	2.444021G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

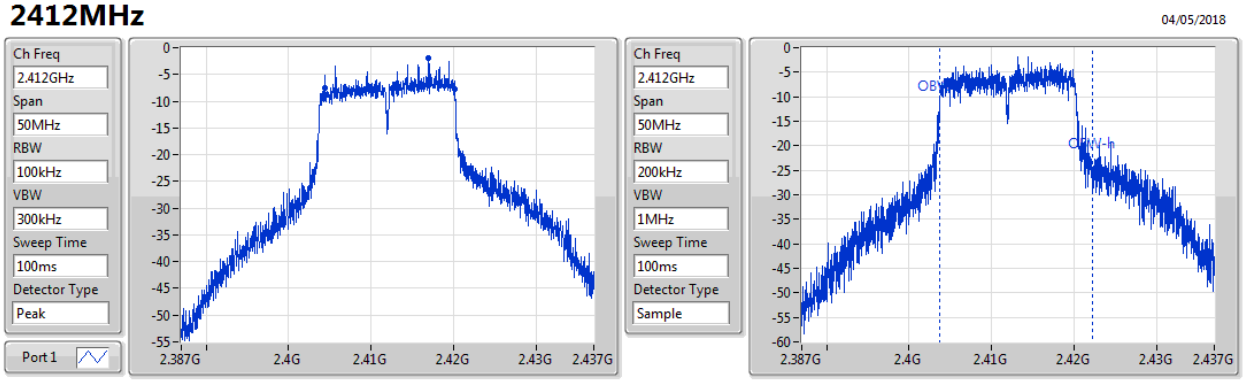
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.45695G	2.466975G	14.168M	2.454754G	2.468922G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

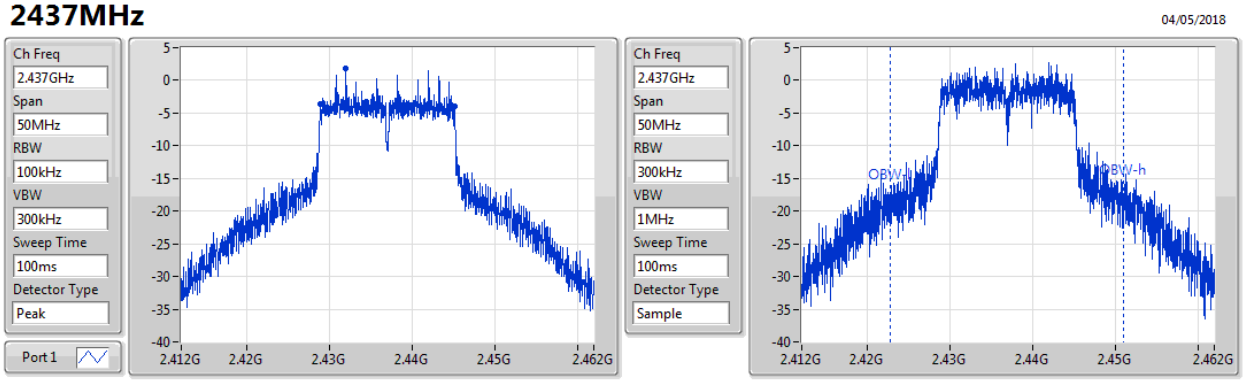
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.775M	2.4044G	2.420175G	18.591M	2.403679G	2.42227G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

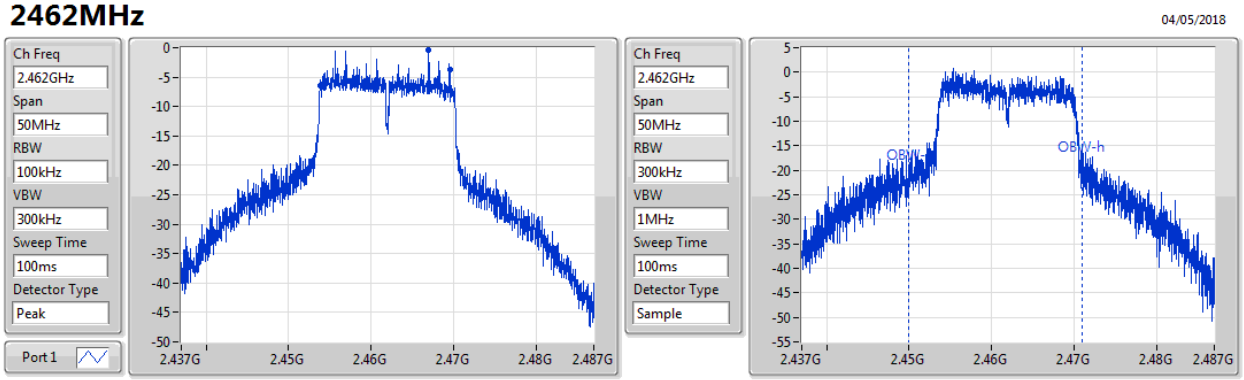
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.428825G	2.4451G	28.311M	2.422732G	2.451043G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2462MHz

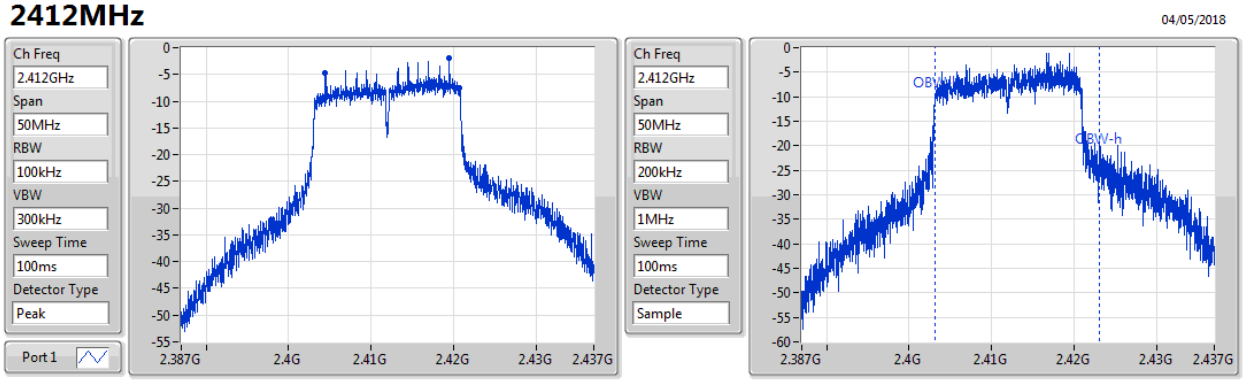


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.725M	2.4538G	2.469525G	20.99M	2.449981G	2.470971G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

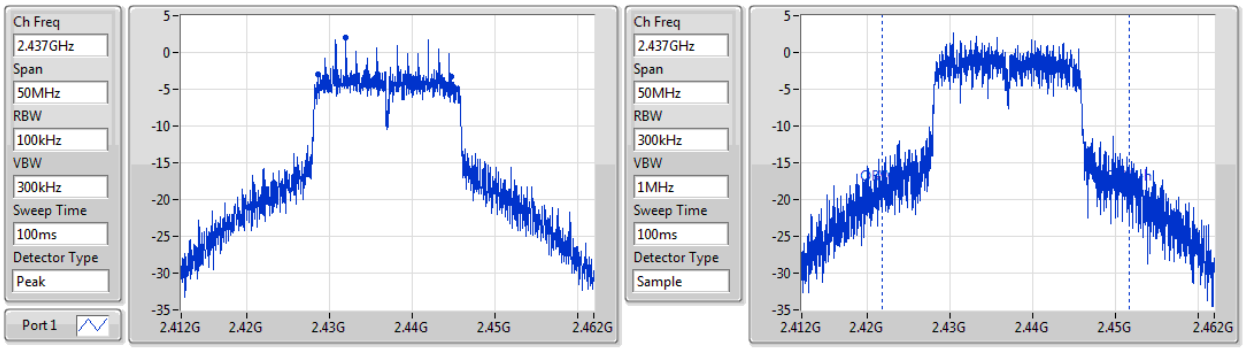


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40445G	2.42075G	19.965M	2.403104G	2.423069G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

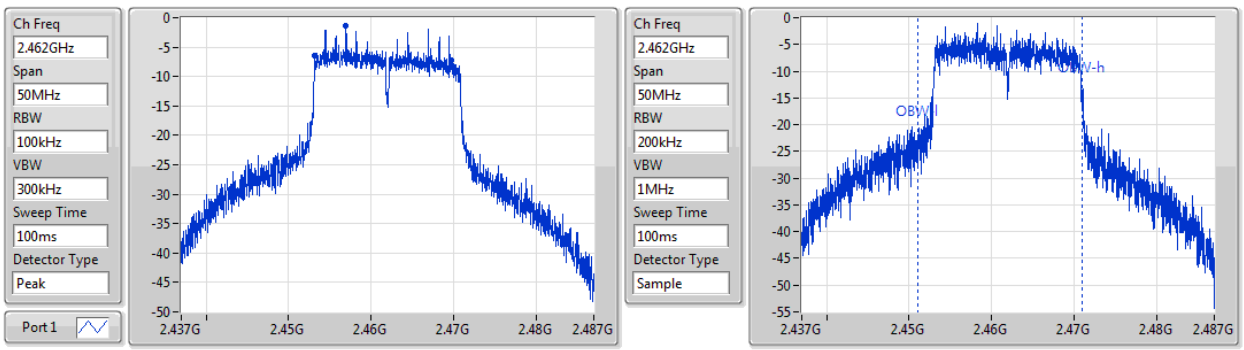


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.125M	2.428625G	2.44475G	30.01M	2.421733G	2.451743G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2462MHz

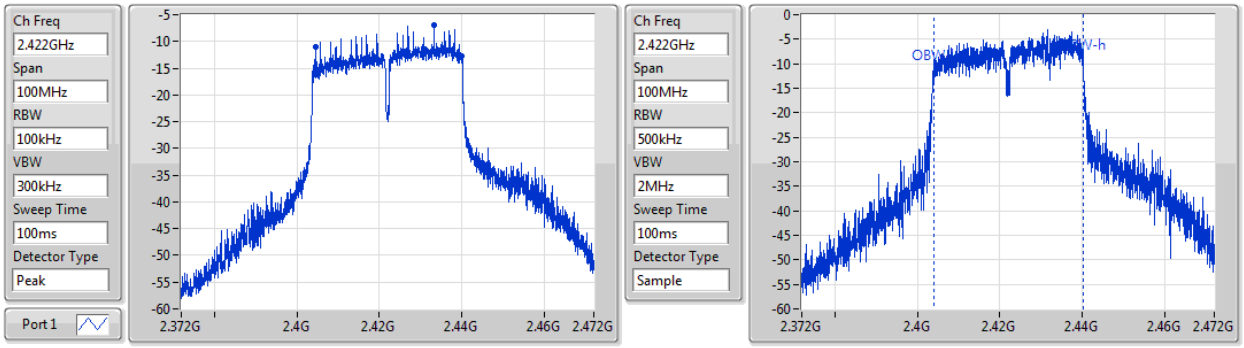


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	2.4532G	2.46975G	19.94M	2.45103G	2.470971G	500k	1

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

2422MHz

04/05/2018

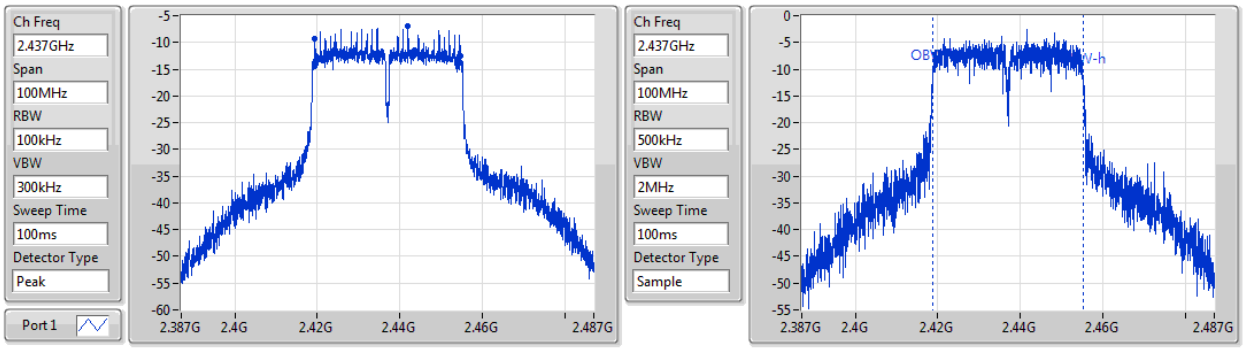


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.4M	2.4045G	2.4399G	36.332M	2.404009G	2.440341G	500k	1

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

2437MHz

04/05/2018

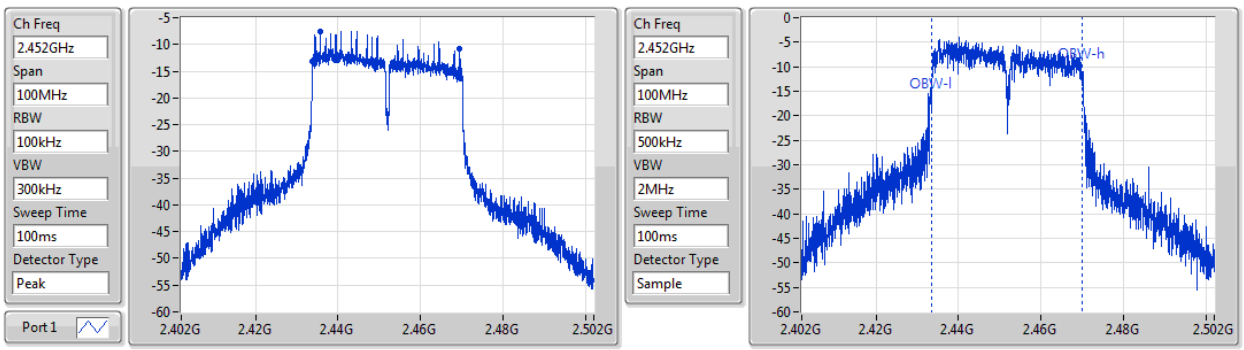


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.3M	2.41945G	2.45475G	36.482M	2.418759G	2.455241G	500k	1

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

2452MHz

04/05/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.4338G	2.4695G	36.582M	2.433459G	2.470041G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	11.47	0.01403
802.11g_Nss1,(6Mbps)_1TX	12.05	0.01603
802.11n HT20_Nss1,(MCS0)_1TX	12.57	0.01807
802.11n HT40_Nss1,(MCS0)_1TX	7.73	0.00593

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	11.47	11.47	30.00
2437MHz_TnomVnom	Pass	2.00	9.48	9.48	30.00
2457MHz_TnomVnom	Pass	2.00	9.39	9.39	30.00
2462MHz_TnomVnom	Pass	2.00	8.62	8.62	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	9.30	9.30	30.00
2417MHz_TnomVnom	Pass	2.00	12.02	12.02	30.00
2437MHz_TnomVnom	Pass	2.00	12.05	12.05	30.00
2457MHz_TnomVnom	Pass	2.00	11.89	11.89	30.00
2462MHz_TnomVnom	Pass	2.00	10.85	10.85	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	8.61	8.61	30.00
2417MHz_TnomVnom	Pass	2.00	12.45	12.45	30.00
2437MHz_TnomVnom	Pass	2.00	12.57	12.57	30.00
2457MHz_TnomVnom	Pass	2.00	12.26	12.26	30.00
2462MHz_TnomVnom	Pass	2.00	9.40	9.40	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.00	6.81	6.81	30.00
2427MHz_TnomVnom	Pass	2.00	7.15	7.15	30.00
2437MHz_TnomVnom	Pass	2.00	7.17	7.17	30.00
2447MHz_TnomVnom	Pass	2.00	7.73	7.73	30.00
2452MHz_TnomVnom	Pass	2.00	6.36	6.36	30.00

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted average output power is for reference only

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-14.29
802.11g_Nss1,(6Mbps)_1TX	-14.04
802.11n HT20_Nss1,(MCS0)_1TX	-14.67
802.11n HT40_Nss1,(MCS0)_1TX	-21.85

RBW=3kHz.

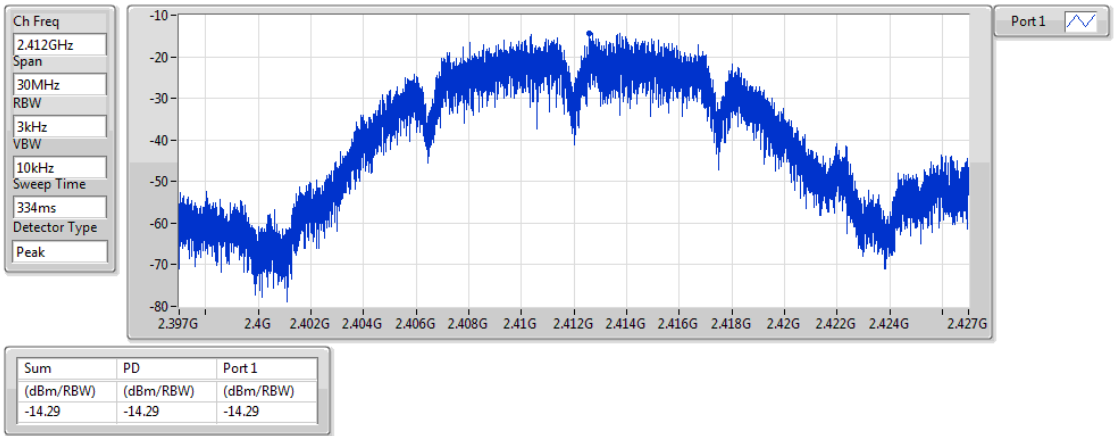
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-14.29	-14.29	8.00
2437MHz_TnomVnom	Pass	2.00	-15.03	-15.03	8.00
2462MHz_TnomVnom	Pass	2.00	-16.58	-16.58	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-16.70	-16.70	8.00
2437MHz_TnomVnom	Pass	2.00	-14.04	-14.04	8.00
2462MHz_TnomVnom	Pass	2.00	-16.50	-16.50	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-16.32	-16.32	8.00
2437MHz_TnomVnom	Pass	2.00	-14.67	-14.67	8.00
2462MHz_TnomVnom	Pass	2.00	-16.09	-16.09	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.00	-21.99	-21.99	8.00
2437MHz_TnomVnom	Pass	2.00	-22.04	-22.04	8.00
2452MHz_TnomVnom	Pass	2.00	-21.85	-21.85	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 Xpower density;

802.11b_Nss1,(1Mbps)_1TX PSD

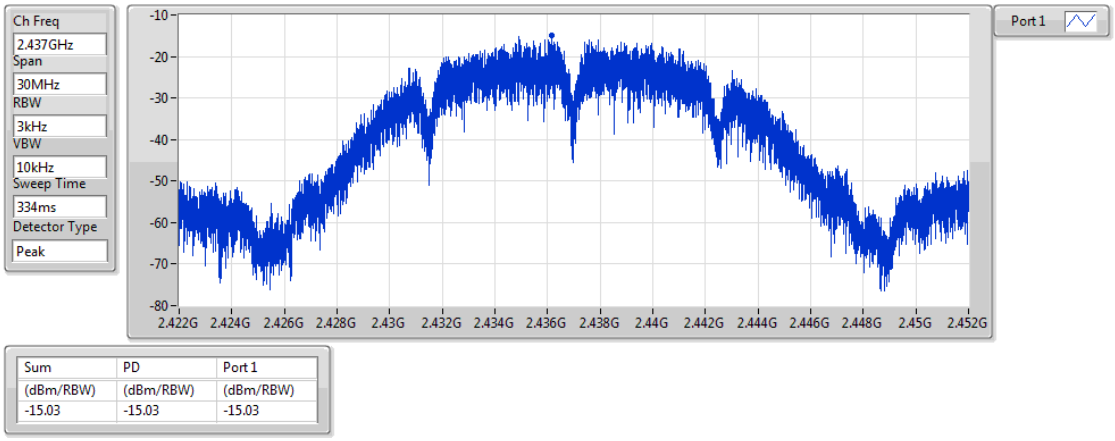
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.29	-14.29	-14.29

802.11b_Nss1,(1Mbps)_1TX PSD

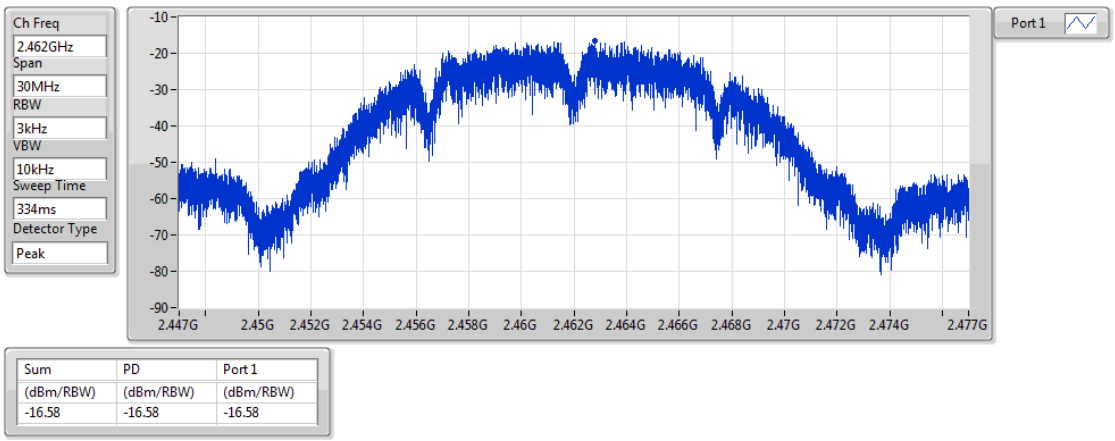
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.03	-15.03	-15.03

802.11b_Nss1,(1Mbps)_1TX PSD

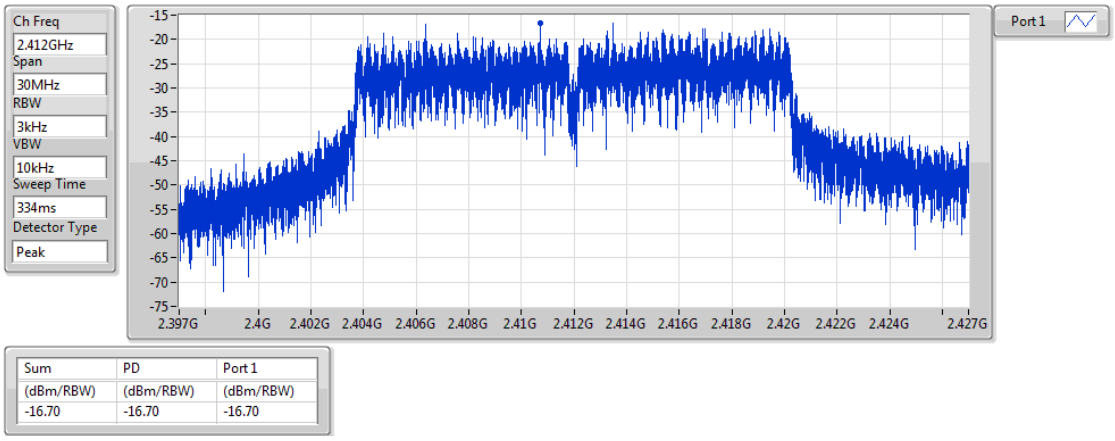
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.58	-16.58	-16.58

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

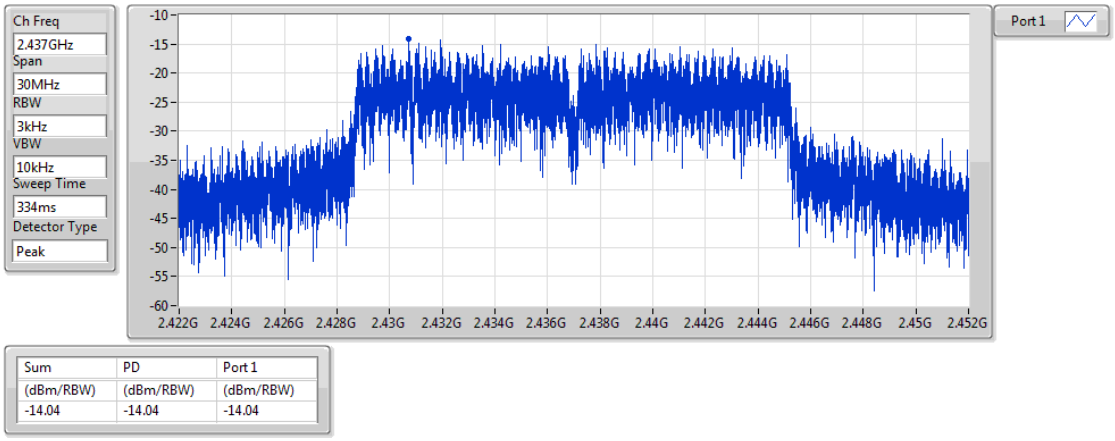
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.70	-16.70	-16.70

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

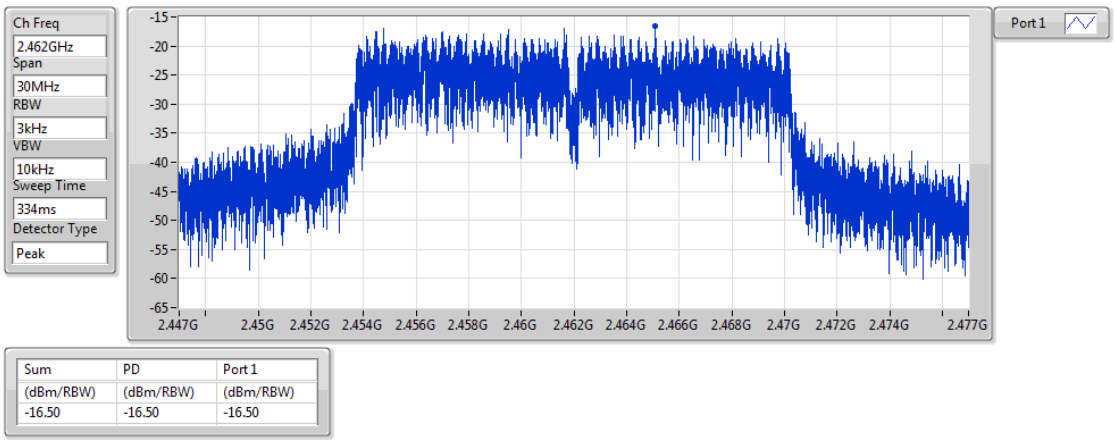
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.04	-14.04	-14.04

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

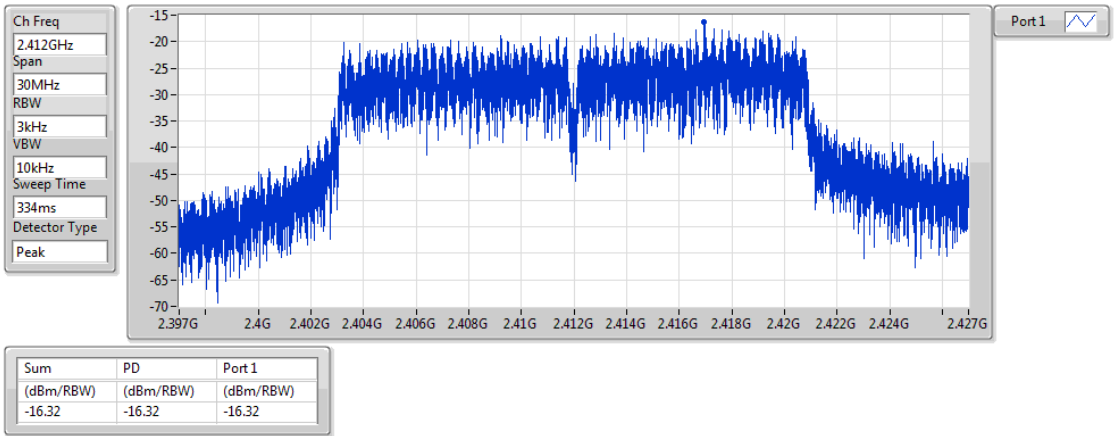
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.50	-16.50	-16.50

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

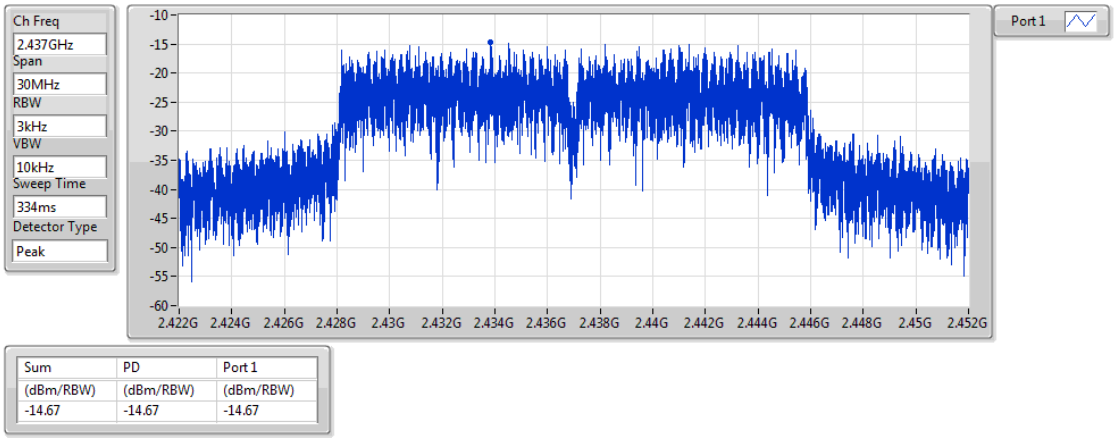
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.32	-16.32	-16.32

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

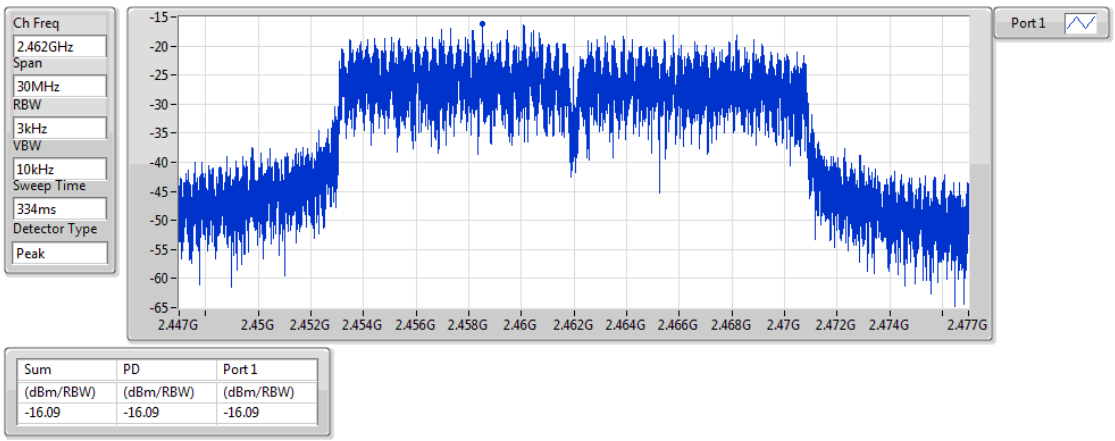
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.67	-14.67	-14.67

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

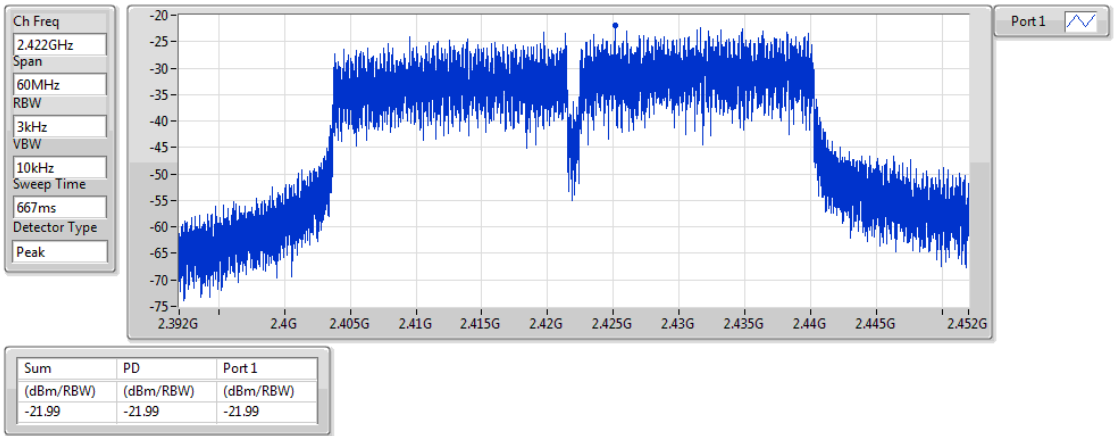
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.09	-16.09	-16.09

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

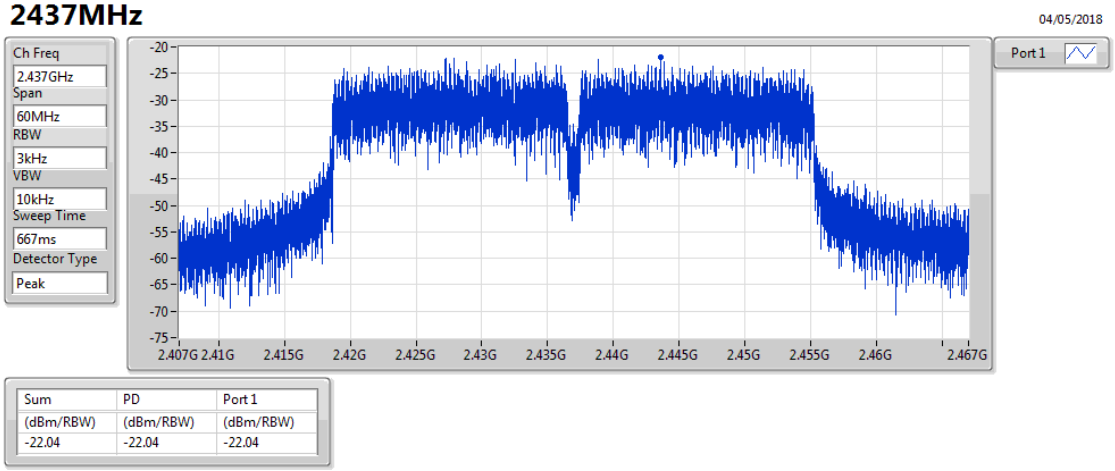
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-21.99	-21.99	-21.99

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

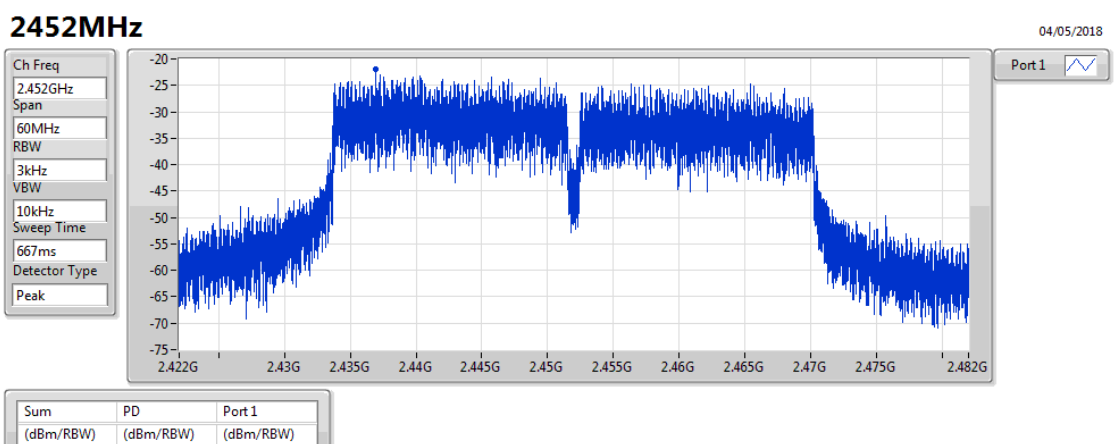
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-22.04	-22.04	-22.04

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

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-21.85	-21.85	-21.85

Summary

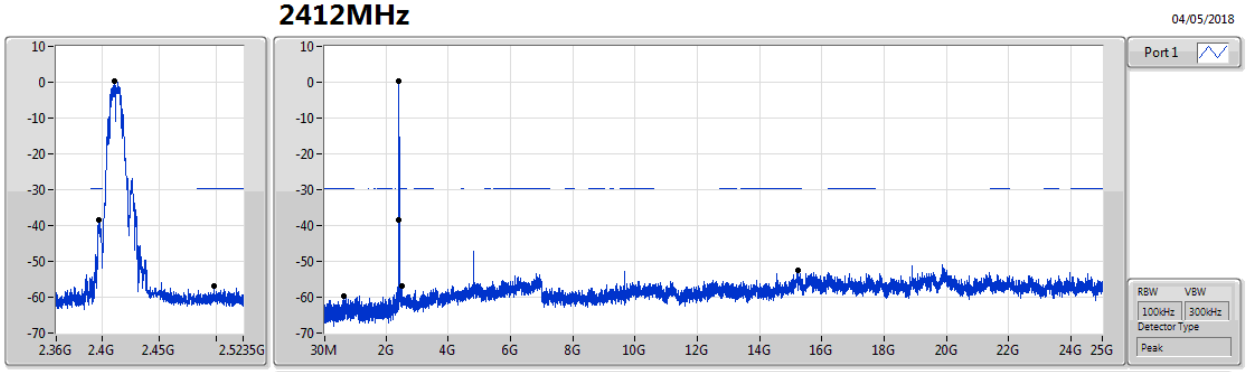
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.411356G	0.31	-29.69	622.985M	-59.55	2.39752G	-38.45	2.49798G	-56.72	15.245199G	-52.46	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.438243G	0.98	-29.02	858.315M	-60.60	2.39992G	-29.59	2.50158G	-57.18	21.673478G	-53.33	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.441917G	1.30	-28.70	791.91M	-59.68	2.39984G	-29.04	2.49086G	-56.74	16.279118G	-52.64	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.425718G	-7.68	-37.68	763.945M	-59.70	2.39264G	-38.24	2.4883G	-55.41	17.551082G	-53.36	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	2.411356G	0.31	-29.69	622.985M	-59.55	2.39752G	-38.45	2.49798G	-56.72	15.245199G	-52.46	1
2437MHz_TnomVnom	Pass	2.411356G	0.31	-29.69	798.9M	-59.87	2.3952G	-57.63	2.5135G	-57.89	16.279118G	-52.41	1
2462MHz_TnomVnom	Pass	2.411356G	0.31	-29.69	2.132825G	-59.07	2.39128G	-57.65	2.48718G	-56.16	15.281723G	-52.91	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.438243G	0.98	-29.02	858.315M	-60.60	2.39992G	-29.59	2.50158G	-57.18	21.673478G	-53.33	1
2437MHz_TnomVnom	Pass	2.438243G	0.98	-29.02	1.641195G	-59.54	2.39984G	-39.90	2.48358G	-50.13	15.248009G	-52.17	1
2462MHz_TnomVnom	Pass	2.438243G	0.98	-29.02	725.505M	-59.91	2.3976G	-57.36	2.48358G	-37.61	15.225532G	-51.49	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.441917G	1.30	-28.70	791.91M	-59.68	2.39984G	-29.04	2.49086G	-56.74	16.279118G	-52.64	1
2437MHz_TnomVnom	Pass	2.441917G	1.30	-28.70	236.205M	-59.90	2.39912G	-37.63	2.48606G	-45.87	15.186198G	-53.00	1
2462MHz_TnomVnom	Pass	2.441917G	1.30	-28.70	1.87769G	-59.97	2.39376G	-58.34	2.48406G	-35.22	16.231355G	-52.68	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.425718G	-7.68	-37.68	763.945M	-59.70	2.39264G	-38.24	2.4883G	-55.41	17.551082G	-53.36	1
2437MHz_TnomVnom	Pass	2.425718G	-7.68	-37.68	921.955M	-58.19	2.39936G	-38.55	2.4843G	-46.11	15.237318G	-52.89	1
2452MHz_TnomVnom	Pass	2.425718G	-7.68	-37.68	901.345M	-59.29	2.39952G	-50.86	2.48574G	-39.61	16.260983G	-52.80	1

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

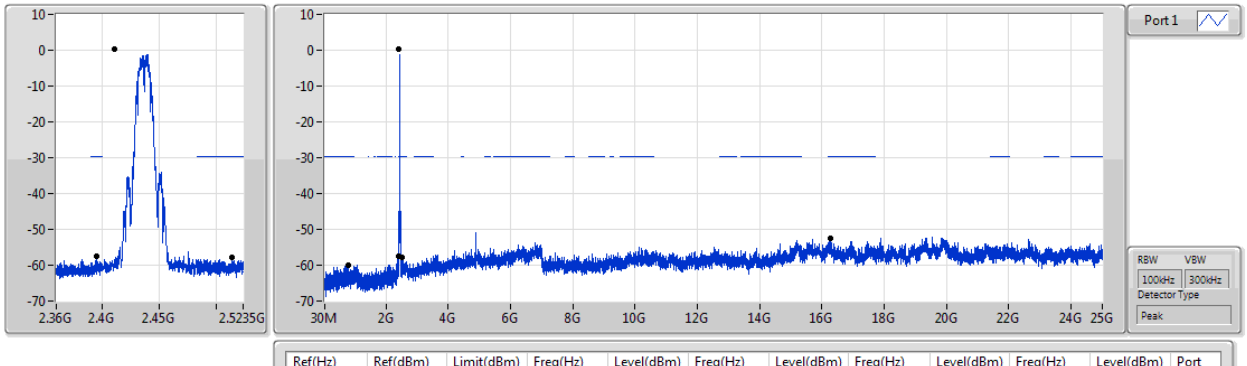
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	0.31	-29.69	622.985M	-59.55	2.39752G	-38.45	2.49798G	-56.72	15.245199G	-52.46	1

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

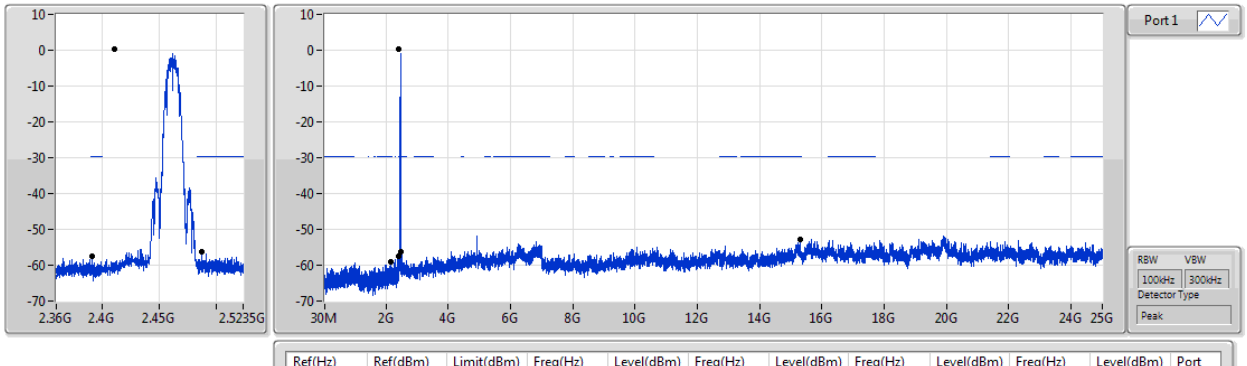
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	0.31	-29.69	798.9M	-59.87	2.3952G	-57.63	2.5135G	-57.89	16.279118G	-52.41	1

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

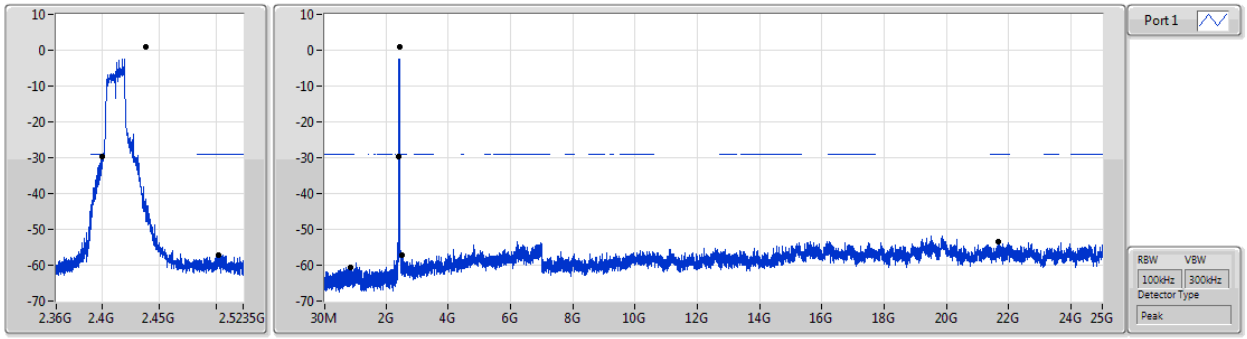
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	0.31	-29.69	2.132825G	-59.07	2.39128G	-57.65	2.48718G	-56.16	15.281723G	-52.91	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

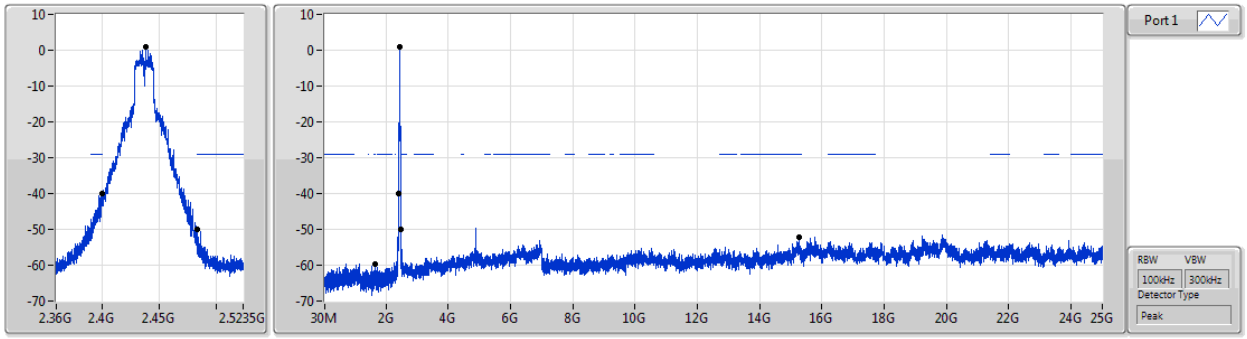
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	0.98	-29.02	858.315M	-60.60	2.39992G	-29.59	2.50158G	-57.18	21.673478G	-53.33	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

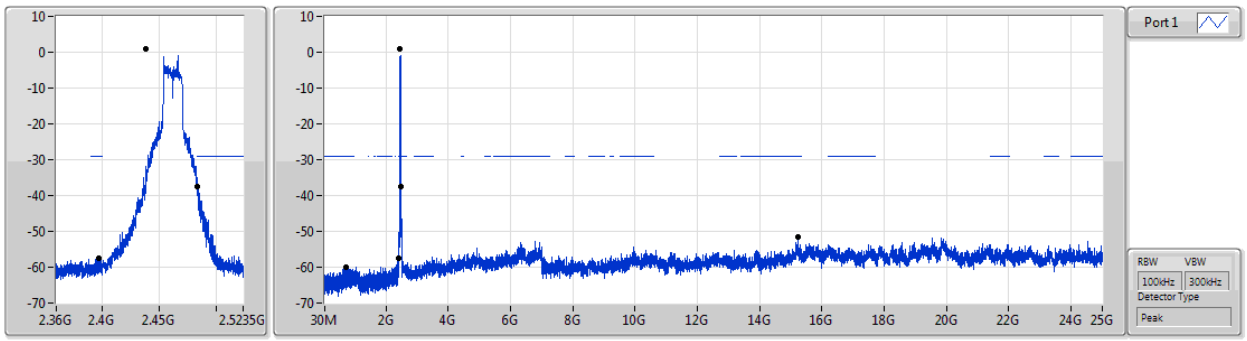
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	0.98	-29.02	1.641195G	-59.54	2.39984G	-39.90	2.48358G	-50.13	15.248009G	-52.17	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

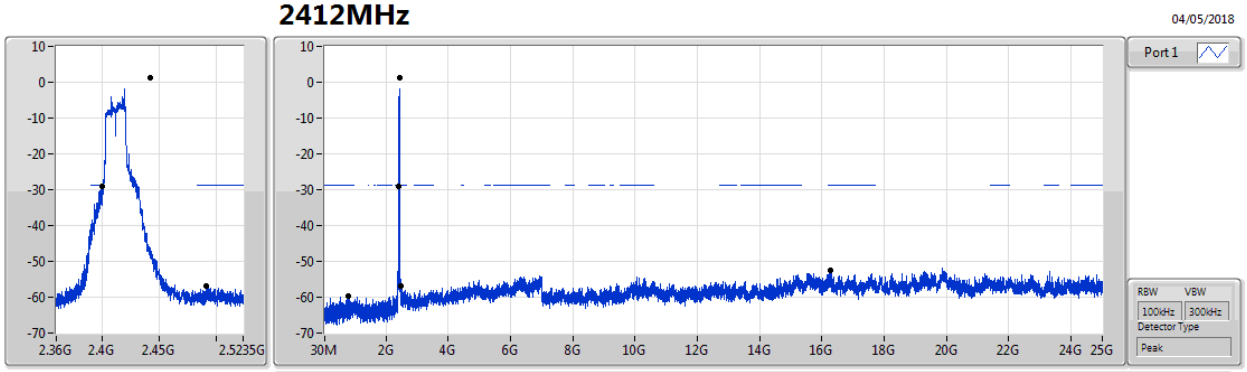
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	0.98	-29.02	725.505M	-59.91	2.3976G	-57.36	2.48358G	-37.61	15.225532G	-51.49	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

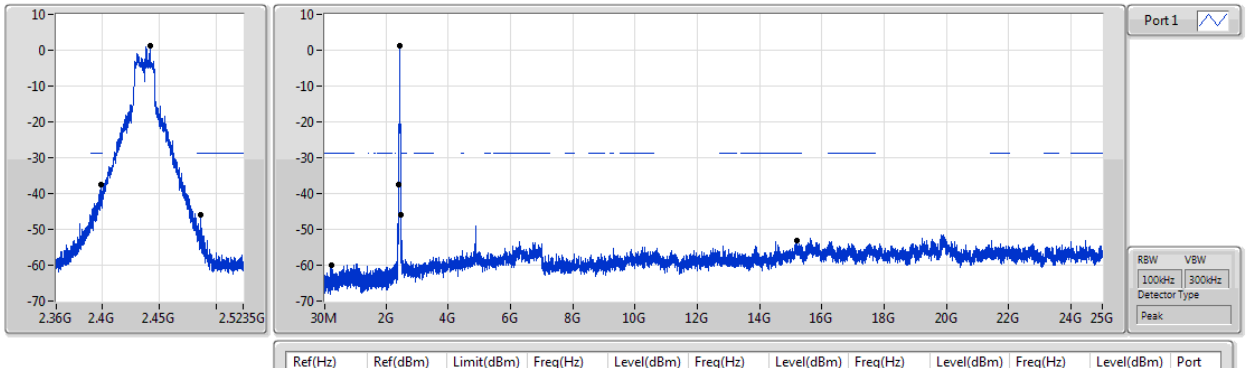
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	1.30	-28.70	791.91M	-59.68	2.39984G	-29.04	2.49086G	-56.74	16.279118G	-52.64	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

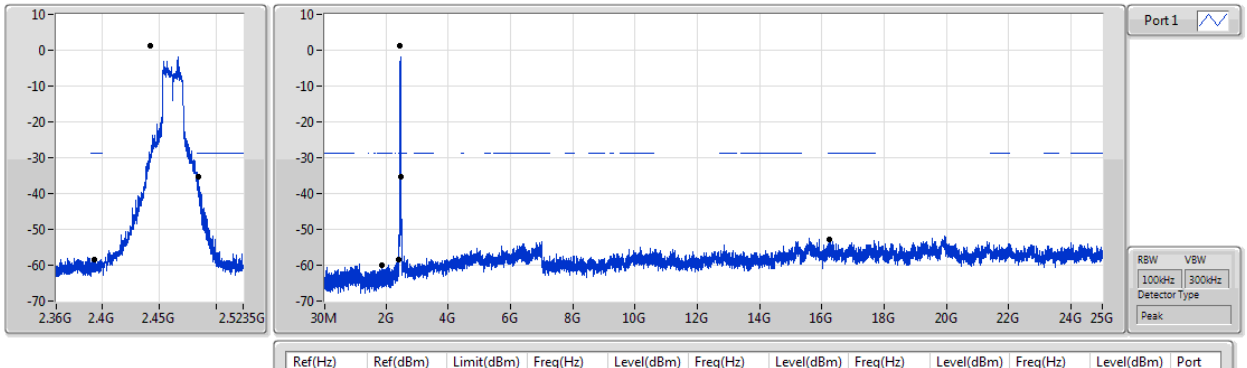
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	1.30	-28.70	236.205M	-59.90	2.39912G	-37.63	2.48606G	-45.87	15.186198G	-53.00	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

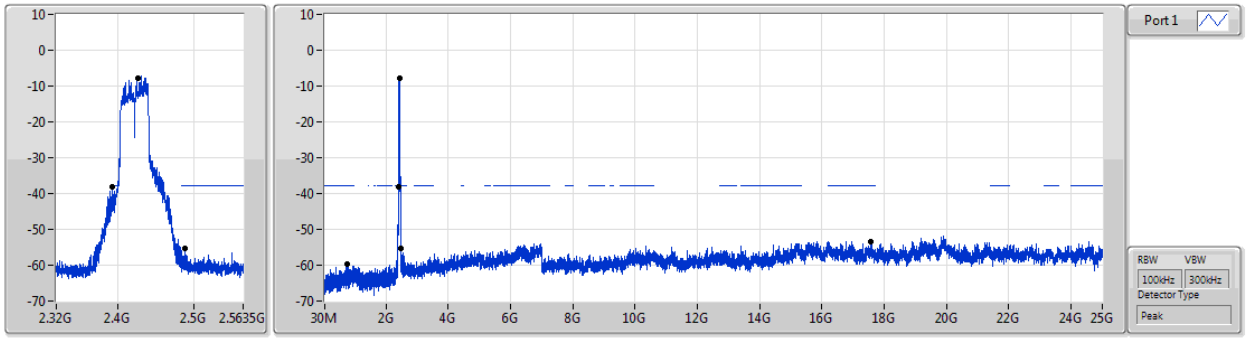
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	1.30	-28.70	1.87769G	-59.97	2.39376G	-58.34	2.48406G	-35.22	16.231355G	-52.68	1

802.11n HT40_Nss1,(MCS0)_1TX **CSE NdB**

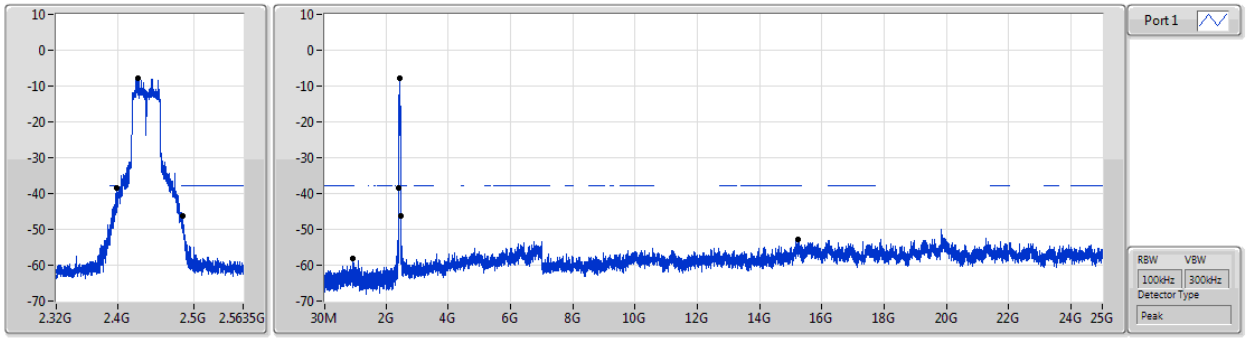
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-7.68	-37.68	763.945M	-59.70	2.39264G	-38.24	2.4883G	-55.41	17.551082G	-53.36	1

802.11n HT40_Nss1,(MCS0)_1TX **CSE NdB**

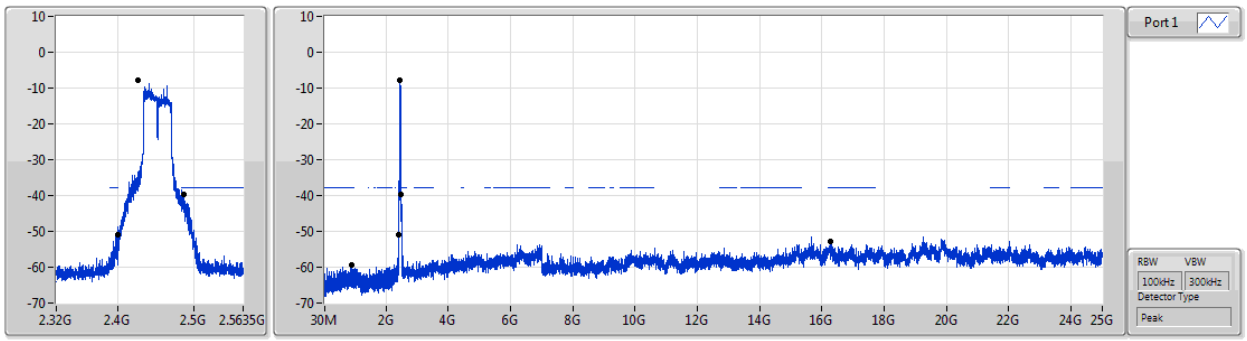
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-7.68	-37.68	921.955M	-58.19	2.39936G	-38.55	2.4843G	-46.11	15.237318G	-52.89	1

802.11n HT40_Nss1,(MCS0)_1TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-7.68	-37.68	901.345M	-59.29	2.39952G	-50.86	2.48574G	-39.61	16.260983G	-52.80	1

Summary

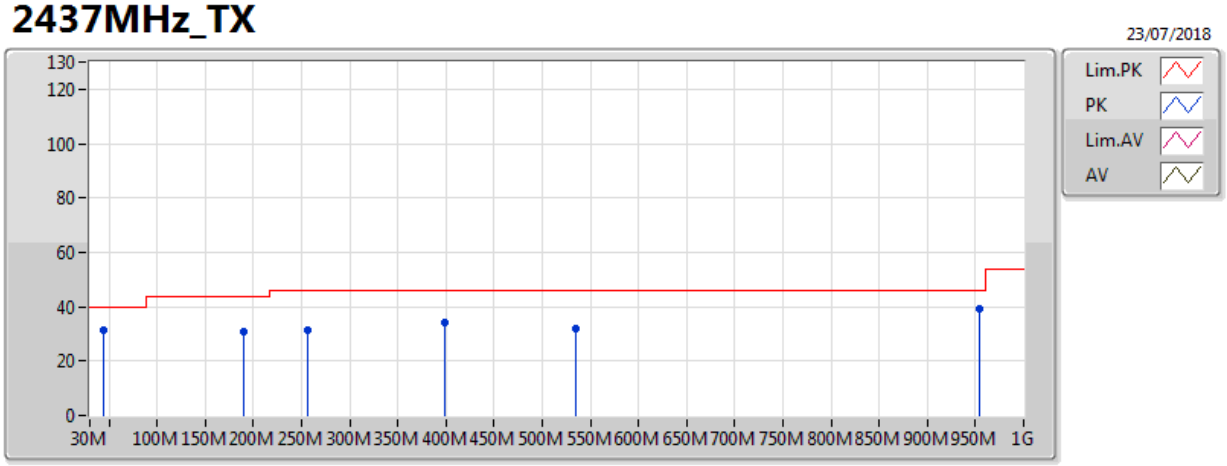
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	299.66M	41.97	46.00	-4.03	-16.66	3	Horizontal	0	1.00	-

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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	43.58M	31.29	40.00	-8.71	-20.25	3	Vertical	360	1.00	-
2437MHz	Pass	PK	189.08M	31.08	43.50	-12.42	-21.38	3	Vertical	360	1.00	-
2437MHz	Pass	PK	256.98M	31.57	46.00	-14.43	-16.10	3	Vertical	360	1.00	-
2437MHz	Pass	PK	398.6M	34.28	46.00	-11.72	-14.09	3	Vertical	360	1.00	-
2437MHz	Pass	PK	534.4M	31.88	46.00	-14.12	-12.07	3	Vertical	360	1.00	-
2437MHz	Pass	PK	953.44M	39.07	46.00	-6.93	-4.71	3	Vertical	360	1.00	-
2437MHz	Pass	PK	140.58M	31.42	43.50	-12.08	-19.27	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	189.08M	32.14	43.50	-11.36	-21.38	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	299.66M	41.97	46.00	-4.03	-16.66	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	355.92M	33.43	46.00	-12.57	-15.34	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	425.76M	30.11	46.00	-15.89	-13.16	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	575.14M	30.62	46.00	-15.38	-10.84	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

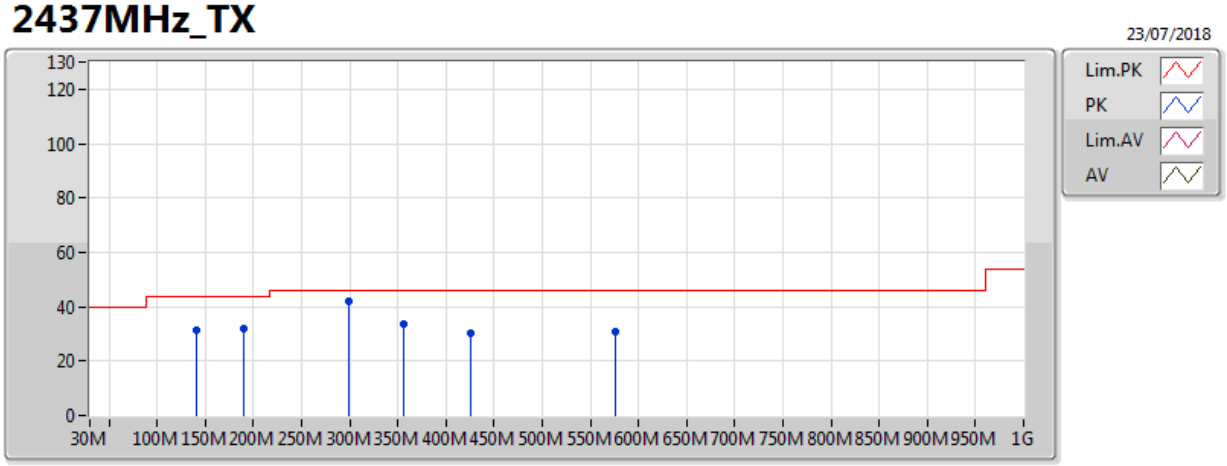
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	43.58M	31.29	40.00	-8.71	-20.25	3	Vertical	360	1.00	-
PK	189.08M	31.08	43.50	-12.42	-21.38	3	Vertical	360	1.00	-
PK	256.98M	31.57	46.00	-14.43	-16.10	3	Vertical	360	1.00	-
PK	398.6M	34.28	46.00	-11.72	-14.09	3	Vertical	360	1.00	-
PK	534.4M	31.88	46.00	-14.12	-12.07	3	Vertical	360	1.00	-
PK	953.44M	39.07	46.00	-6.93	-4.71	3	Vertical	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	140.58M	31.42	43.50	-12.08	-19.27	3	Horizontal	0	1.00	-
PK	189.08M	32.14	43.50	-11.36	-21.38	3	Horizontal	0	1.00	-
PK	299.66M	41.97	46.00	-4.03	-16.66	3	Horizontal	0	1.00	-
PK	355.92M	33.43	46.00	-12.57	-15.34	3	Horizontal	0	1.00	-
PK	425.76M	30.11	46.00	-15.89	-13.16	3	Horizontal	0	1.00	-
PK	575.14M	30.62	46.00	-15.38	-10.84	3	Horizontal	0	1.00	-

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	4.8292G	52.96	54.00	-1.04	3.04	3	Vertical	250	2.56	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.389998G	47.90	54.00	-6.10	32.28	3	Vertical	172	1.16	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	4.8723G	50.84	54.00	-3.16	3.14	3	Vertical	111	1.50	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.389998G	47.12	54.00	-6.88	32.28	3	Vertical	180	1.01	-

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	2.3888G	44.99	54.00	-9.01	32.27	3	Vertical	185	1.03	-
2412MHz	Pass	AV	2.411G	92.89	Inf	-Inf	32.35	3	Vertical	185	1.03	-
2412MHz	Pass	PK	2.3864G	56.90	74.00	-17.10	32.26	3	Vertical	185	1.03	-
2412MHz	Pass	PK	2.4148G	100.72	Inf	-Inf	32.36	3	Vertical	185	1.03	-
2412MHz	Pass	AV	2.3896G	44.74	54.00	-9.26	32.28	3	Horizontal	274	1.03	-
2412MHz	Pass	AV	2.414G	87.54	Inf	-Inf	32.36	3	Horizontal	274	1.03	-
2412MHz	Pass	PK	2.366G	57.21	74.00	-16.79	32.19	3	Horizontal	274	1.03	-
2412MHz	Pass	PK	2.4148G	95.65	Inf	-Inf	32.36	3	Horizontal	274	1.03	-
2412MHz	Pass	AV	4.8292G	52.96	54.00	-1.04	3.04	3	Vertical	250	2.56	-
2412MHz	Pass	PK	4.82972G	53.16	74.00	-20.84	3.05	3	Vertical	250	2.56	-
2412MHz	Pass	AV	4.8292G	52.26	54.00	-1.74	3.04	3	Horizontal	263	1.83	-
2412MHz	Pass	PK	4.82944G	52.31	74.00	-21.69	3.04	3	Horizontal	263	1.83	-
2437MHz	Pass	AV	2.3422G	44.70	54.00	-9.30	32.10	3	Vertical	214	1.06	-
2437MHz	Pass	AV	2.435G	88.73	Inf	-Inf	32.44	3	Vertical	214	1.06	-
2437MHz	Pass	AV	2.4854G	44.76	54.00	-9.24	32.61	3	Vertical	214	1.06	-
2437MHz	Pass	PK	2.3382G	56.48	74.00	-17.52	32.09	3	Vertical	214	1.06	-
2437MHz	Pass	PK	2.4342G	96.61	Inf	-Inf	32.43	3	Vertical	214	1.06	-
2437MHz	Pass	PK	2.4902G	57.11	74.00	-16.89	32.64	3	Vertical	214	1.06	-
2437MHz	Pass	AV	2.351G	44.62	54.00	-9.38	32.13	3	Horizontal	274	1.26	-
2437MHz	Pass	AV	2.435G	84.42	Inf	-Inf	32.44	3	Horizontal	274	1.26	-
2437MHz	Pass	AV	2.4998G	44.78	54.00	-9.22	32.67	3	Horizontal	274	1.26	-
2437MHz	Pass	PK	2.3578G	56.67	74.00	-17.33	32.16	3	Horizontal	274	1.26	-
2437MHz	Pass	PK	2.4342G	92.42	Inf	-Inf	32.43	3	Horizontal	274	1.26	-
2437MHz	Pass	PK	2.485G	56.74	74.00	-17.26	32.61	3	Horizontal	274	1.26	-
2437MHz	Pass	AV	4.86872G	51.79	54.00	-2.21	3.13	3	Vertical	123	1.91	-
2437MHz	Pass	PK	4.87952G	53.18	74.00	-20.82	3.15	3	Vertical	123	1.91	-
2437MHz	Pass	AV	4.86872G	50.33	54.00	-3.67	3.13	3	Horizontal	246	1.90	-
2437MHz	Pass	PK	4.86836G	52.32	74.00	-21.68	3.13	3	Horizontal	246	1.90	-
2457MHz	Pass	AV	2.4588G	86.69	Inf	-Inf	32.52	3	Vertical	209	1.13	-
2457MHz	Pass	AV	2.4976G	44.84	54.00	-9.16	32.66	3	Vertical	209	1.13	-
2457MHz	Pass	PK	2.4596G	94.49	Inf	-Inf	32.52	3	Vertical	209	1.13	-
2457MHz	Pass	PK	2.4866G	57.26	74.00	-16.74	32.62	3	Vertical	209	1.13	-
2457MHz	Pass	AV	2.4588G	80.60	Inf	-Inf	32.52	3	Horizontal	96	1.01	-
2457MHz	Pass	AV	2.4996G	44.80	54.00	-9.20	32.67	3	Horizontal	96	1.01	-
2457MHz	Pass	PK	2.4598G	88.74	Inf	-Inf	32.53	3	Horizontal	96	1.01	-
2457MHz	Pass	PK	2.4898G	56.42	74.00	-17.58	32.64	3	Horizontal	96	1.01	-
2462MHz	Pass	AV	2.461G	87.55	Inf	-Inf	32.53	3	Vertical	214	1.14	-
2462MHz	Pass	AV	2.4878G	44.81	54.00	-9.19	32.63	3	Vertical	214	1.14	-
2462MHz	Pass	PK	2.4592G	95.53	Inf	-Inf	32.52	3	Vertical	214	1.14	-
2462MHz	Pass	PK	2.4932G	56.59	74.00	-17.41	32.64	3	Vertical	214	1.14	-
2462MHz	Pass	AV	2.461G	81.11	Inf	-Inf	32.53	3	Horizontal	95	1.01	-
2462MHz	Pass	AV	2.494G	44.82	54.00	-9.18	32.65	3	Horizontal	95	1.01	-
2462MHz	Pass	PK	2.4592G	89.14	Inf	-Inf	32.52	3	Horizontal	95	1.01	-
2462MHz	Pass	PK	2.4842G	56.78	74.00	-17.22	32.61	3	Horizontal	95	1.01	-
2462MHz	Pass	AV	4.9186G	51.22	54.00	-2.78	3.24	3	Vertical	122	1.42	-
2462MHz	Pass	PK	4.91836G	52.64	74.00	-21.36	3.24	3	Vertical	122	1.42	-
2462MHz	Pass	AV	4.91872G	50.51	54.00	-3.49	3.24	3	Horizontal	263	2.97	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	4.9186G	51.35	74.00	-22.65	3.24	3	Horizontal	263	2.97	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	47.90	54.00	-6.10	32.28	3	Vertical	172	1.16	-
2412MHz	Pass	AV	2.4174G	87.99	Inf	-Inf	32.37	3	Vertical	172	1.16	-
2412MHz	Pass	PK	2.3888G	62.69	74.00	-11.31	32.27	3	Vertical	172	1.16	-
2412MHz	Pass	PK	2.4144G	98.64	Inf	-Inf	32.36	3	Vertical	172	1.16	-
2412MHz	Pass	AV	2.3896G	45.84	54.00	-8.16	32.28	3	Horizontal	273	1.37	-
2412MHz	Pass	AV	2.4172G	83.97	Inf	-Inf	32.37	3	Horizontal	273	1.37	-
2412MHz	Pass	PK	2.389G	57.74	74.00	-16.26	32.27	3	Horizontal	273	1.37	-
2412MHz	Pass	PK	2.4154G	94.09	Inf	-Inf	32.37	3	Horizontal	273	1.37	-
2412MHz	Pass	AV	4.8232G	41.59	54.00	-12.41	3.03	3	Vertical	263	1.50	-
2412MHz	Pass	PK	4.8486G	51.30	74.00	-22.70	3.09	3	Vertical	263	1.50	-
2412MHz	Pass	AV	4.8237G	40.94	54.00	-13.06	3.03	3	Horizontal	265	1.82	-
2412MHz	Pass	PK	4.828G	50.60	74.00	-23.40	3.04	3	Horizontal	265	1.82	-
2417MHz	Pass	AV	2.389998G	46.64	54.00	-7.36	32.28	3	Vertical	171	1.01	-
2417MHz	Pass	AV	2.412G	88.47	Inf	-Inf	32.35	3	Vertical	171	1.01	-
2417MHz	Pass	PK	2.389998G	58.87	74.00	-15.13	32.28	3	Vertical	171	1.01	-
2417MHz	Pass	PK	2.4116G	98.94	Inf	-Inf	32.35	3	Vertical	171	1.01	-
2417MHz	Pass	AV	2.389998G	45.28	54.00	-8.72	32.28	3	Horizontal	274	1.38	-
2417MHz	Pass	AV	2.4186G	84.20	Inf	-Inf	32.38	3	Horizontal	274	1.38	-
2417MHz	Pass	PK	2.388G	57.61	74.00	-16.39	32.27	3	Horizontal	274	1.38	-
2417MHz	Pass	PK	2.4138G	94.78	Inf	-Inf	32.36	3	Horizontal	274	1.38	-
2437MHz	Pass	AV	2.3518G	44.71	54.00	-9.29	32.13	3	Vertical	219	1.02	-
2437MHz	Pass	AV	2.431G	89.09	Inf	-Inf	32.42	3	Vertical	219	1.02	-
2437MHz	Pass	AV	2.4966G	44.81	54.00	-9.19	32.66	3	Vertical	219	1.02	-
2437MHz	Pass	PK	2.3538G	57.62	74.00	-16.38	32.14	3	Vertical	219	1.02	-
2437MHz	Pass	PK	2.4318G	99.12	Inf	-Inf	32.42	3	Vertical	219	1.02	-
2437MHz	Pass	PK	2.4954G	56.51	74.00	-17.49	32.65	3	Vertical	219	1.02	-
2437MHz	Pass	AV	2.353G	44.61	54.00	-9.39	32.14	3	Horizontal	274	1.23	-
2437MHz	Pass	AV	2.4298G	84.84	Inf	-Inf	32.42	3	Horizontal	274	1.23	-
2437MHz	Pass	AV	2.4978G	44.77	54.00	-9.23	32.66	3	Horizontal	274	1.23	-
2437MHz	Pass	PK	2.3698G	56.42	74.00	-17.58	32.20	3	Horizontal	274	1.23	-
2437MHz	Pass	PK	2.4322G	94.87	Inf	-Inf	32.43	3	Horizontal	274	1.23	-
2437MHz	Pass	PK	2.4974G	57.38	74.00	-16.62	32.66	3	Horizontal	274	1.23	-
2437MHz	Pass	AV	4.8742G	46.03	54.00	-7.97	3.14	3	Vertical	129	1.50	-
2437MHz	Pass	PK	4.8704G	54.08	74.00	-19.92	3.13	3	Vertical	129	1.50	-
2437MHz	Pass	AV	4.8736G	45.44	54.00	-8.56	3.14	3	Horizontal	254	1.86	-
2437MHz	Pass	PK	4.8743G	53.39	74.00	-20.61	3.14	3	Horizontal	254	1.86	-
2457MHz	Pass	AV	2.4506G	87.35	Inf	-Inf	32.49	3	Vertical	214	1.00	-
2457MHz	Pass	AV	2.4836G	44.87	54.00	-9.13	32.61	3	Vertical	214	1.00	-
2457MHz	Pass	PK	2.4592G	97.76	Inf	-Inf	32.52	3	Vertical	214	1.00	-
2457MHz	Pass	PK	2.4898G	56.10	74.00	-17.90	32.64	3	Vertical	214	1.00	-
2457MHz	Pass	AV	2.4604G	82.85	Inf	-Inf	32.53	3	Horizontal	279	1.00	-
2457MHz	Pass	AV	2.4964G	44.92	54.00	-9.08	32.66	3	Horizontal	279	1.00	-
2457MHz	Pass	PK	2.4622G	92.77	Inf	-Inf	32.53	3	Horizontal	279	1.00	-
2457MHz	Pass	PK	2.499998G	56.54	74.00	-17.46	32.67	3	Horizontal	279	1.00	-
2462MHz	Pass	AV	2.4582G	86.28	Inf	-Inf	32.52	3	Vertical	209	1.13	-
2462MHz	Pass	AV	2.483502G	45.65	54.00	-8.35	32.61	3	Vertical	209	1.13	-
2462MHz	Pass	PK	2.4636G	96.81	Inf	-Inf	32.54	3	Vertical	209	1.13	-

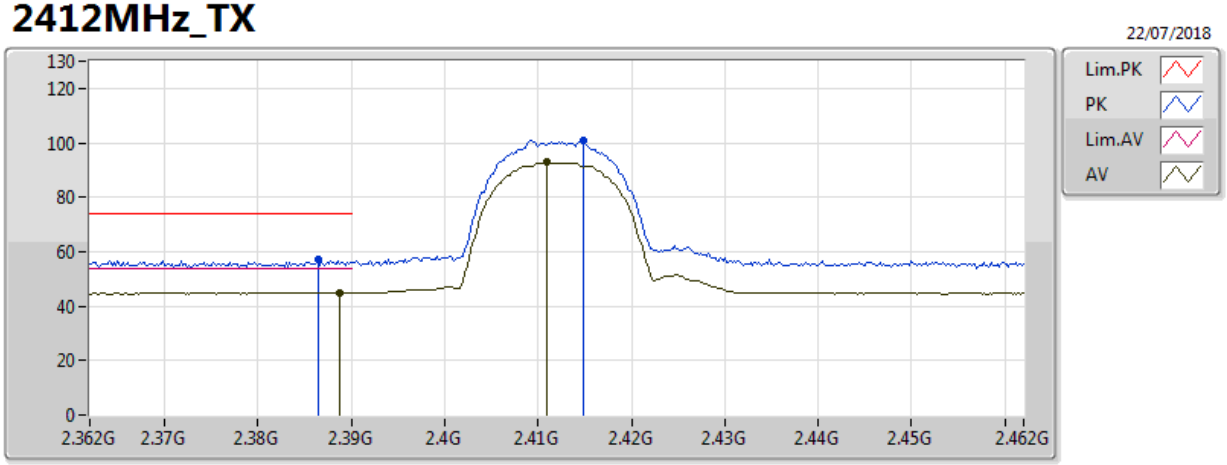
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4842G	59.09	74.00	-14.91	32.61	3	Vertical	209	1.13	-
2462MHz	Pass	AV	2.4588G	81.98	Inf	-Inf	32.52	3	Horizontal	278	1.00	-
2462MHz	Pass	AV	2.483502G	44.94	54.00	-9.06	32.61	3	Horizontal	278	1.00	-
2462MHz	Pass	PK	2.4682G	91.89	Inf	-Inf	32.56	3	Horizontal	278	1.00	-
2462MHz	Pass	PK	2.493G	57.41	74.00	-16.59	32.64	3	Horizontal	278	1.00	-
2462MHz	Pass	AV	4.9238G	41.72	54.00	-12.28	3.25	3	Vertical	245	2.60	-
2462MHz	Pass	PK	4.9243G	52.81	74.00	-21.19	3.25	3	Vertical	245	2.60	-
2462MHz	Pass	AV	4.924G	40.24	54.00	-13.76	3.25	3	Horizontal	260	2.91	-
2462MHz	Pass	PK	4.9284G	51.59	74.00	-22.41	3.26	3	Horizontal	260	2.91	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	47.32	54.00	-6.68	32.28	3	Vertical	215	1.17	-
2412MHz	Pass	AV	2.4178G	86.26	Inf	-Inf	32.37	3	Vertical	215	1.17	-
2412MHz	Pass	PK	2.3898G	60.23	74.00	-13.77	32.28	3	Vertical	215	1.17	-
2412MHz	Pass	PK	2.4186G	97.07	Inf	-Inf	32.38	3	Vertical	215	1.17	-
2412MHz	Pass	AV	2.3896G	45.55	54.00	-8.45	32.28	3	Horizontal	273	1.38	-
2412MHz	Pass	AV	2.417G	81.83	Inf	-Inf	32.37	3	Horizontal	273	1.38	-
2412MHz	Pass	PK	2.3842G	57.27	74.00	-16.73	32.25	3	Horizontal	273	1.38	-
2412MHz	Pass	PK	2.4176G	92.43	Inf	-Inf	32.37	3	Horizontal	273	1.38	-
2412MHz	Pass	AV	4.81994G	40.59	54.00	-13.41	3.02	3	Vertical	288	2.08	-
2412MHz	Pass	PK	4.8237G	50.55	74.00	-23.45	3.03	3	Vertical	288	2.08	-
2412MHz	Pass	AV	4.82312G	39.61	54.00	-14.39	3.03	3	Horizontal	332	2.42	-
2412MHz	Pass	PK	4.82846G	49.19	74.00	-24.81	3.04	3	Horizontal	332	2.42	-
2417MHz	Pass	AV	2.3898G	47.91	54.00	-6.09	32.28	3	Vertical	171	1.17	-
2417MHz	Pass	AV	2.416G	89.99	Inf	-Inf	32.37	3	Vertical	171	1.17	-
2417MHz	Pass	PK	2.3868G	61.32	74.00	-12.68	32.26	3	Vertical	171	1.17	-
2417MHz	Pass	PK	2.4192G	100.57	Inf	-Inf	32.38	3	Vertical	171	1.17	-
2417MHz	Pass	AV	2.389998G	45.71	54.00	-8.29	32.28	3	Horizontal	274	1.37	-
2417MHz	Pass	AV	2.4154G	85.24	Inf	-Inf	32.37	3	Horizontal	274	1.37	-
2417MHz	Pass	PK	2.3896G	57.91	74.00	-16.09	32.28	3	Horizontal	274	1.37	-
2417MHz	Pass	PK	2.4112G	95.93	Inf	-Inf	32.35	3	Horizontal	274	1.37	-
2437MHz	Pass	AV	2.3894G	44.77	54.00	-9.23	32.27	3	Vertical	215	1.03	-
2437MHz	Pass	AV	2.4302G	90.23	Inf	-Inf	32.42	3	Vertical	215	1.03	-
2437MHz	Pass	AV	2.4874G	44.88	54.00	-9.12	32.62	3	Vertical	215	1.03	-
2437MHz	Pass	PK	2.3466G	57.06	74.00	-16.94	32.12	3	Vertical	215	1.03	-
2437MHz	Pass	PK	2.4322G	99.92	Inf	-Inf	32.43	3	Vertical	215	1.03	-
2437MHz	Pass	PK	2.4898G	56.35	74.00	-17.65	32.64	3	Vertical	215	1.03	-
2437MHz	Pass	AV	2.3574G	44.62	54.00	-9.38	32.16	3	Horizontal	273	1.24	-
2437MHz	Pass	AV	2.431G	85.69	Inf	-Inf	32.42	3	Horizontal	273	1.24	-
2437MHz	Pass	AV	2.4886G	44.76	54.00	-9.24	32.63	3	Horizontal	273	1.24	-
2437MHz	Pass	PK	2.353G	57.74	74.00	-16.26	32.14	3	Horizontal	273	1.24	-
2437MHz	Pass	PK	2.4318G	95.88	Inf	-Inf	32.42	3	Horizontal	273	1.24	-
2437MHz	Pass	PK	2.499G	56.42	74.00	-17.58	32.67	3	Horizontal	273	1.24	-
2437MHz	Pass	AV	4.8723G	50.84	54.00	-3.16	3.14	3	Vertical	111	1.50	-
2437MHz	Pass	PK	4.874G	55.36	74.00	-18.64	3.14	3	Vertical	111	1.50	-
2437MHz	Pass	AV	4.8723G	49.71	54.00	-4.29	3.14	3	Horizontal	266	2.96	-
2437MHz	Pass	PK	4.8705G	54.22	74.00	-19.78	3.14	3	Horizontal	266	2.96	-
2457MHz	Pass	AV	2.4516G	87.50	Inf	-Inf	32.50	3	Vertical	214	1.00	-
2457MHz	Pass	AV	2.4862G	44.94	54.00	-9.06	32.62	3	Vertical	214	1.00	-
2457MHz	Pass	PK	2.4516G	98.20	Inf	-Inf	32.50	3	Vertical	214	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4948G	56.98	74.00	-17.02	32.65	3	Vertical	214	1.00	-
2457MHz	Pass	AV	2.451G	82.55	Inf	-Inf	32.49	3	Horizontal	274	1.16	-
2457MHz	Pass	AV	2.499998G	44.61	54.00	-9.39	32.67	3	Horizontal	274	1.16	-
2457MHz	Pass	PK	2.4548G	93.15	Inf	-Inf	32.51	3	Horizontal	274	1.16	-
2457MHz	Pass	PK	2.4962G	56.46	74.00	-17.54	32.66	3	Horizontal	274	1.16	-
2462MHz	Pass	AV	2.4584G	84.65	Inf	-Inf	32.52	3	Vertical	210	1.12	-
2462MHz	Pass	AV	2.483502G	45.45	54.00	-8.55	32.61	3	Vertical	210	1.12	-
2462MHz	Pass	PK	2.4586G	94.83	Inf	-Inf	32.52	3	Vertical	210	1.12	-
2462MHz	Pass	PK	2.4842G	57.81	74.00	-16.19	32.61	3	Vertical	210	1.12	-
2462MHz	Pass	AV	2.4592G	80.12	Inf	-Inf	32.52	3	Horizontal	278	1.01	-
2462MHz	Pass	AV	2.483502G	44.91	54.00	-9.09	32.61	3	Horizontal	278	1.01	-
2462MHz	Pass	PK	2.4588G	90.68	Inf	-Inf	32.52	3	Horizontal	278	1.01	-
2462MHz	Pass	PK	2.4886G	56.83	74.00	-17.17	32.63	3	Horizontal	278	1.01	-
2462MHz	Pass	AV	4.925G	43.25	54.00	-10.75	3.25	3	Vertical	272	2.76	-
2462MHz	Pass	PK	4.9238G	53.73	74.00	-20.27	3.25	3	Vertical	272	2.76	-
2462MHz	Pass	AV	4.9237G	42.29	54.00	-11.71	3.25	3	Horizontal	264	2.92	-
2462MHz	Pass	PK	4.9211G	52.27	74.00	-21.73	3.24	3	Horizontal	264	2.92	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389998G	47.12	54.00	-6.88	32.28	3	Vertical	180	1.01	-
2422MHz	Pass	AV	2.4112G	81.56	Inf	-Inf	32.35	3	Vertical	180	1.01	-
2422MHz	Pass	AV	2.4992G	44.90	54.00	-9.10	32.67	3	Vertical	180	1.01	-
2422MHz	Pass	PK	2.389998G	59.46	74.00	-14.54	32.28	3	Vertical	180	1.01	-
2422MHz	Pass	PK	2.4104G	92.02	Inf	-Inf	32.35	3	Vertical	180	1.01	-
2422MHz	Pass	PK	2.4908G	56.45	74.00	-17.55	32.64	3	Vertical	180	1.01	-
2422MHz	Pass	AV	2.3888G	45.61	54.00	-8.39	32.27	3	Horizontal	271	1.36	-
2422MHz	Pass	AV	2.4148G	77.14	Inf	-Inf	32.36	3	Horizontal	271	1.36	-
2422MHz	Pass	AV	2.4984G	44.78	54.00	-9.22	32.67	3	Horizontal	271	1.36	-
2422MHz	Pass	PK	2.384G	59.03	74.00	-14.97	32.25	3	Horizontal	271	1.36	-
2422MHz	Pass	PK	2.4128G	88.19	Inf	-Inf	32.36	3	Horizontal	271	1.36	-
2422MHz	Pass	PK	2.4964G	56.14	74.00	-17.86	32.66	3	Horizontal	271	1.36	-
2422MHz	Pass	AV	4.84746G	30.64	54.00	-23.36	3.08	3	Vertical	161	1.28	-
2422MHz	Pass	PK	4.84572G	44.80	74.00	-29.20	3.08	3	Vertical	161	1.28	-
2422MHz	Pass	AV	4.8481G	30.62	54.00	-23.38	3.09	3	Horizontal	113	2.44	-
2422MHz	Pass	PK	4.84858G	44.50	74.00	-29.50	3.09	3	Horizontal	113	2.44	-
2427MHz	Pass	AV	2.3898G	46.01	54.00	-7.99	32.28	3	Vertical	171	1.00	-
2427MHz	Pass	AV	2.4146G	81.00	Inf	-Inf	32.36	3	Vertical	171	1.00	-
2427MHz	Pass	AV	2.499G	44.81	54.00	-9.19	32.67	3	Vertical	171	1.00	-
2427MHz	Pass	PK	2.3898G	58.02	74.00	-15.98	32.28	3	Vertical	171	1.00	-
2427MHz	Pass	PK	2.4134G	91.96	Inf	-Inf	32.36	3	Vertical	171	1.00	-
2427MHz	Pass	PK	2.495G	57.03	74.00	-16.97	32.65	3	Vertical	171	1.00	-
2427MHz	Pass	AV	2.3898G	45.04	54.00	-8.96	32.28	3	Horizontal	274	1.36	-
2427MHz	Pass	AV	2.4142G	76.53	Inf	-Inf	32.36	3	Horizontal	274	1.36	-
2427MHz	Pass	AV	2.4974G	44.79	54.00	-9.21	32.66	3	Horizontal	274	1.36	-
2427MHz	Pass	PK	2.3878G	57.52	74.00	-16.48	32.27	3	Horizontal	274	1.36	-
2427MHz	Pass	PK	2.4198G	86.90	Inf	-Inf	32.38	3	Horizontal	274	1.36	-
2427MHz	Pass	PK	2.4906G	56.85	74.00	-17.15	32.64	3	Horizontal	274	1.36	-
2437MHz	Pass	AV	2.3874G	44.72	54.00	-9.28	32.26	3	Vertical	219	1.01	-
2437MHz	Pass	AV	2.4262G	80.87	Inf	-Inf	32.40	3	Vertical	219	1.01	-
2437MHz	Pass	AV	2.483502G	44.89	54.00	-9.11	32.61	3	Vertical	219	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.3786G	56.68	74.00	-17.32	32.23	3	Vertical	219	1.01	-
2437MHz	Pass	PK	2.4274G	91.78	Inf	-Inf	32.41	3	Vertical	219	1.01	-
2437MHz	Pass	PK	2.4966G	56.86	74.00	-17.14	32.66	3	Vertical	219	1.01	-
2437MHz	Pass	AV	2.389G	44.64	54.00	-9.36	32.27	3	Horizontal	274	1.02	-
2437MHz	Pass	AV	2.4246G	76.58	Inf	-Inf	32.40	3	Horizontal	274	1.02	-
2437MHz	Pass	AV	2.4998G	44.86	54.00	-9.14	32.67	3	Horizontal	274	1.02	-
2437MHz	Pass	PK	2.3638G	56.72	74.00	-17.28	32.18	3	Horizontal	274	1.02	-
2437MHz	Pass	PK	2.425G	87.66	Inf	-Inf	32.40	3	Horizontal	274	1.02	-
2437MHz	Pass	PK	2.4978G	56.34	74.00	-17.66	32.66	3	Horizontal	274	1.02	-
2437MHz	Pass	AV	4.87002G	30.87	54.00	-23.13	3.13	3	Vertical	36	1.41	-
2437MHz	Pass	PK	4.8779G	44.92	74.00	-29.08	3.15	3	Vertical	36	1.41	-
2437MHz	Pass	AV	4.87168G	30.82	54.00	-23.18	3.14	3	Horizontal	35	1.18	-
2437MHz	Pass	PK	4.87498G	44.62	74.00	-29.38	3.14	3	Horizontal	35	1.18	-
2447MHz	Pass	AV	2.3818G	44.68	54.00	-9.32	32.25	3	Vertical	214	1.08	-
2447MHz	Pass	AV	2.435G	79.91	Inf	-Inf	32.44	3	Vertical	214	1.08	-
2447MHz	Pass	AV	2.4838G	45.38	54.00	-8.62	32.61	3	Vertical	214	1.08	-
2447MHz	Pass	PK	2.3622G	56.33	74.00	-17.67	32.17	3	Vertical	214	1.08	-
2447MHz	Pass	PK	2.4318G	90.25	Inf	-Inf	32.42	3	Vertical	214	1.08	-
2447MHz	Pass	PK	2.4918G	56.89	74.00	-17.11	32.64	3	Vertical	214	1.08	-
2447MHz	Pass	AV	2.375G	44.60	54.00	-9.40	32.22	3	Horizontal	272	1.26	-
2447MHz	Pass	AV	2.4318G	75.99	Inf	-Inf	32.42	3	Horizontal	272	1.26	-
2447MHz	Pass	AV	2.4862G	44.86	54.00	-9.14	32.62	3	Horizontal	272	1.26	-
2447MHz	Pass	PK	2.359G	56.04	74.00	-17.96	32.16	3	Horizontal	272	1.26	-
2447MHz	Pass	PK	2.435G	86.23	Inf	-Inf	32.44	3	Horizontal	272	1.26	-
2447MHz	Pass	PK	2.4858G	56.73	74.00	-17.27	32.62	3	Horizontal	272	1.26	-
2452MHz	Pass	AV	2.3816G	44.63	54.00	-9.37	32.25	3	Vertical	217	1.10	-
2452MHz	Pass	AV	2.4392G	78.53	Inf	-Inf	32.45	3	Vertical	217	1.10	-
2452MHz	Pass	AV	2.483502G	45.22	54.00	-8.78	32.61	3	Vertical	217	1.10	-
2452MHz	Pass	PK	2.3708G	56.43	74.00	-17.57	32.20	3	Vertical	217	1.10	-
2452MHz	Pass	PK	2.4376G	88.73	Inf	-Inf	32.45	3	Vertical	217	1.10	-
2452MHz	Pass	PK	2.4948G	56.55	74.00	-17.45	32.65	3	Vertical	217	1.10	-
2452MHz	Pass	AV	2.362G	44.61	54.00	-9.39	32.17	3	Horizontal	278	1.00	-
2452MHz	Pass	AV	2.4384G	74.82	Inf	-Inf	32.45	3	Horizontal	278	1.00	-
2452MHz	Pass	AV	2.4904G	44.90	54.00	-9.10	32.64	3	Horizontal	278	1.00	-
2452MHz	Pass	PK	2.378G	56.51	74.00	-17.49	32.23	3	Horizontal	278	1.00	-
2452MHz	Pass	PK	2.4564G	84.93	Inf	-Inf	32.51	3	Horizontal	278	1.00	-
2452MHz	Pass	PK	2.4984G	56.78	74.00	-17.22	32.67	3	Horizontal	278	1.00	-
2452MHz	Pass	AV	4.9053G	30.95	54.00	-23.05	3.21	3	Vertical	343	2.31	-
2452MHz	Pass	PK	4.90116G	45.06	74.00	-28.94	3.20	3	Vertical	343	2.31	-
2452MHz	Pass	AV	4.90336G	30.93	54.00	-23.07	3.21	3	Horizontal	185	1.96	-
2452MHz	Pass	PK	4.90276G	44.68	74.00	-29.32	3.21	3	Horizontal	185	1.96	-

802.11b_Nss1,(1Mbps)_1TX

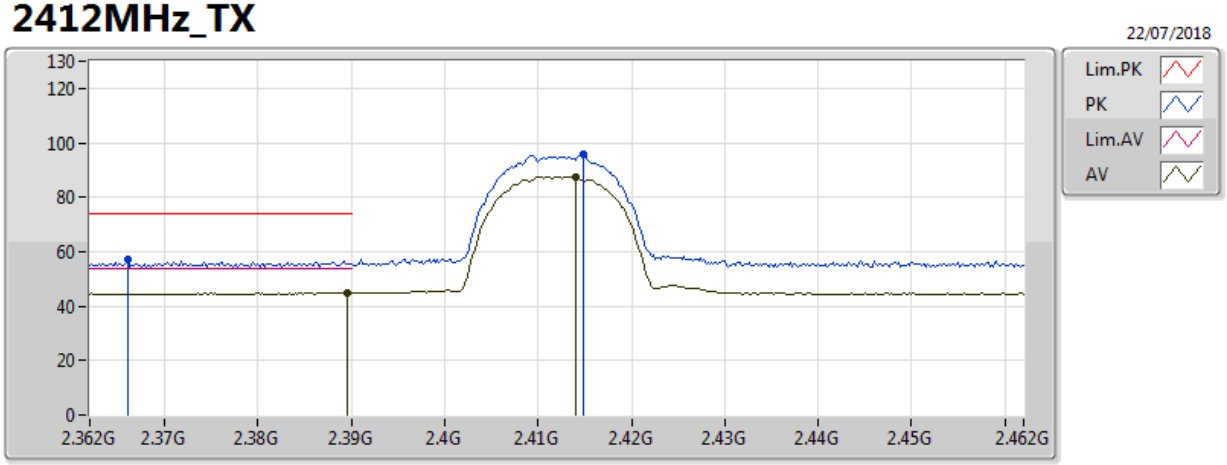
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3888G	44.99	54.00	-9.01	32.27	3	Vertical	185	1.03	-
AV	2.411G	92.89	Inf	-Inf	32.35	3	Vertical	185	1.03	-
PK	2.3864G	56.90	74.00	-17.10	32.26	3	Vertical	185	1.03	-
PK	2.4148G	100.72	Inf	-Inf	32.36	3	Vertical	185	1.03	-

802.11b_Nss1,(1Mbps)_1TX

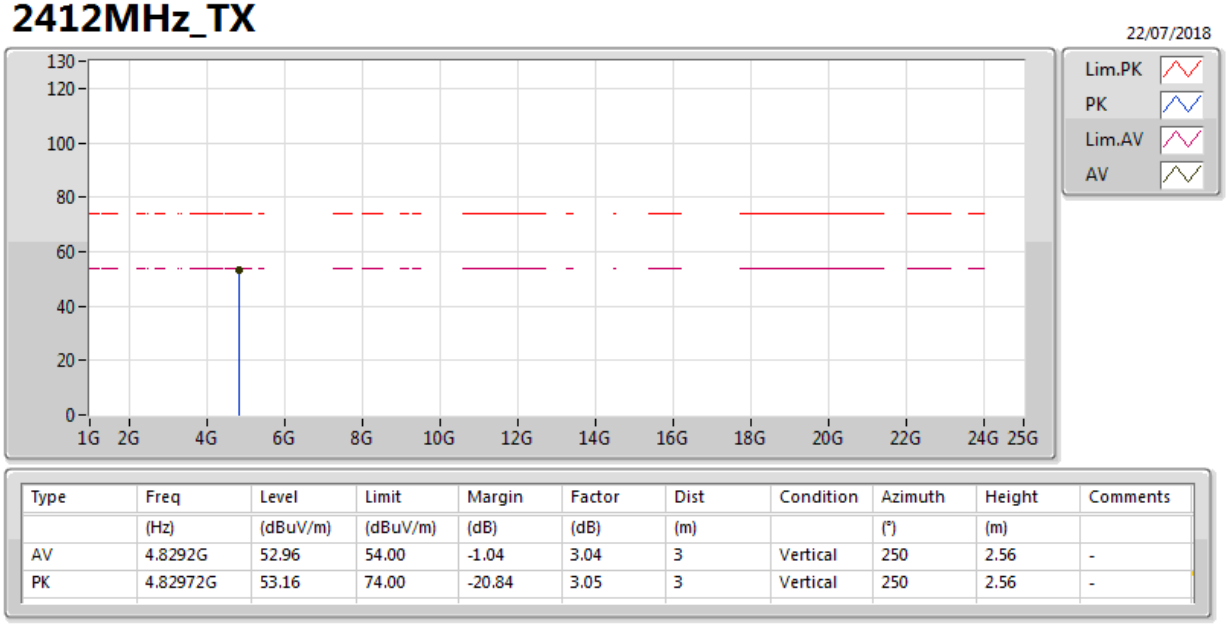
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	44.74	54.00	-9.26	32.28	3	Horizontal	274	1.03	-
AV	2.414G	87.54	Inf	-Inf	32.36	3	Horizontal	274	1.03	-
PK	2.366G	57.21	74.00	-16.79	32.19	3	Horizontal	274	1.03	-
PK	2.4148G	95.65	Inf	-Inf	32.36	3	Horizontal	274	1.03	-

802.11b_Nss1,(1Mbps)_1TX

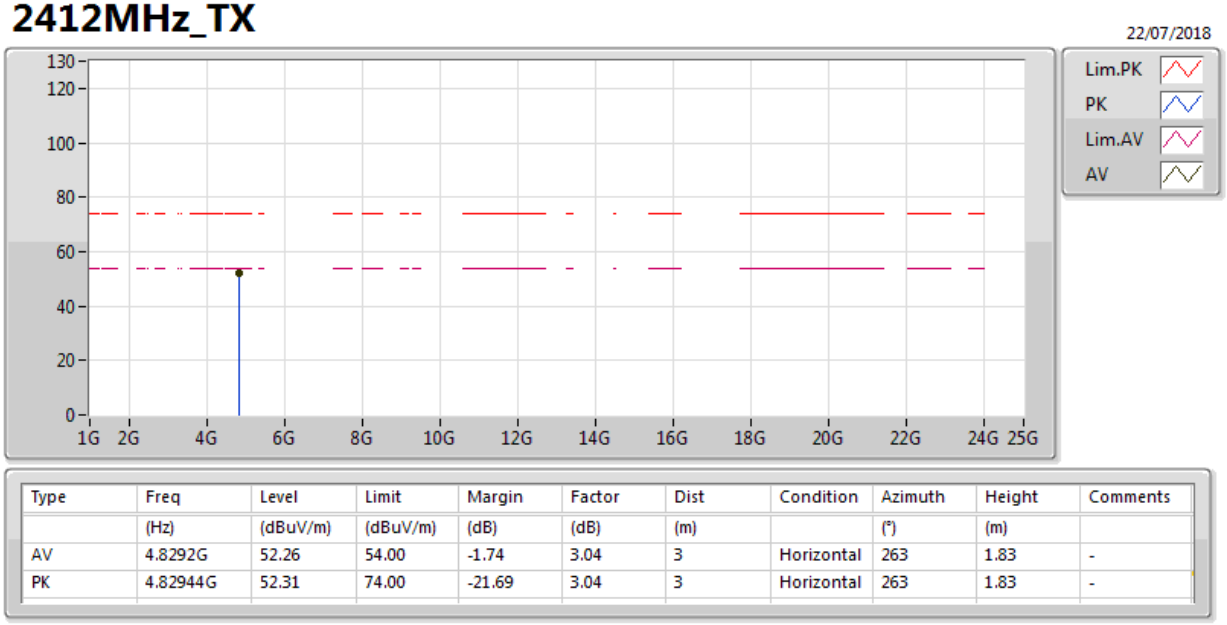
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8292G	52.96	54.00	-1.04	3.04	3	Vertical	250	2.56	-
PK	4.82972G	53.16	74.00	-20.84	3.05	3	Vertical	250	2.56	-

802.11b_Nss1,(1Mbps)_1TX

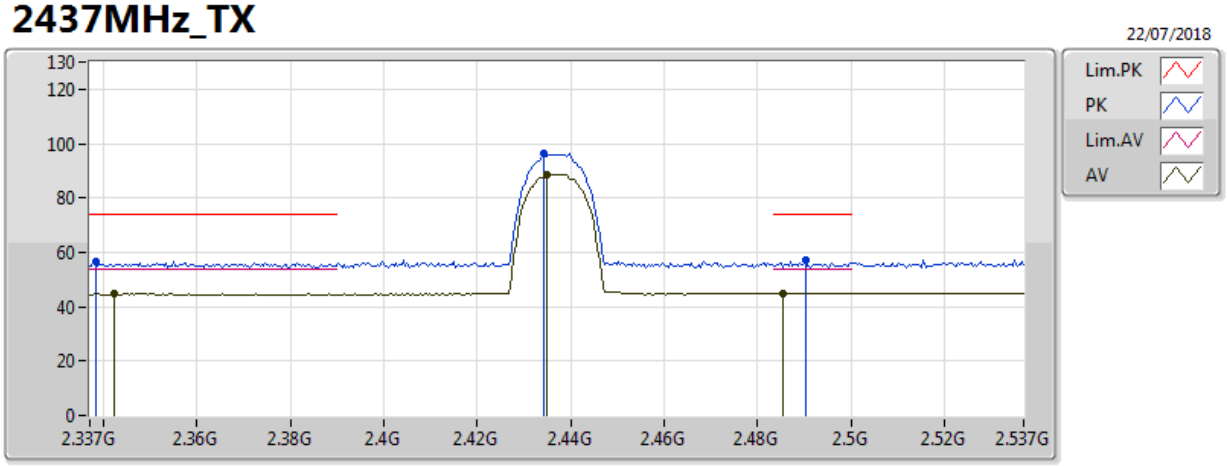
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8292G	52.26	54.00	-1.74	3.04	3	Horizontal	263	1.83	-
PK	4.82944G	52.31	74.00	-21.69	3.04	3	Horizontal	263	1.83	-

802.11b_Nss1,(1Mbps)_1TX

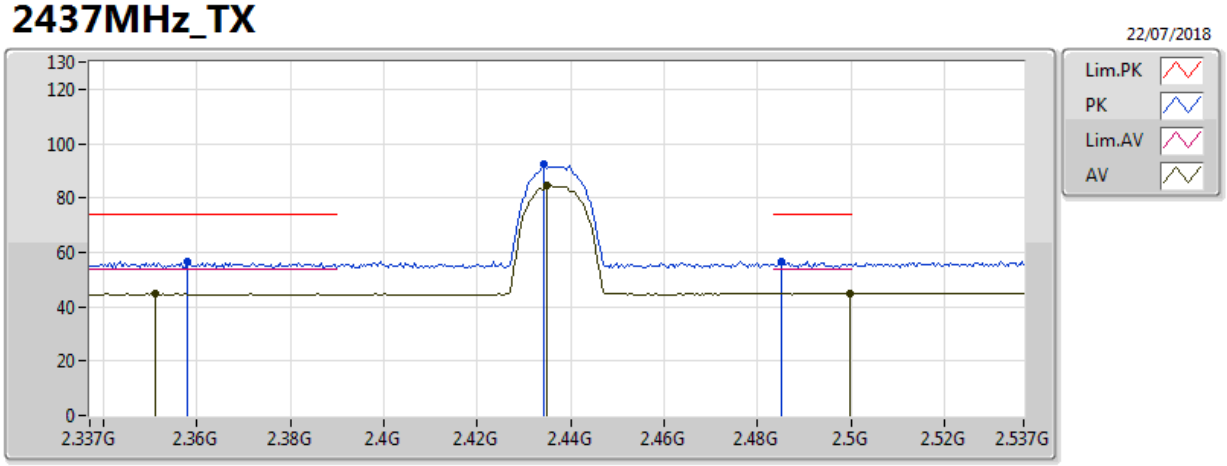
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3422G	44.70	54.00	-9.30	32.10	3	Vertical	214	1.06	-
AV	2.435G	88.73	Inf	-Inf	32.44	3	Vertical	214	1.06	-
AV	2.4854G	44.76	54.00	-9.24	32.61	3	Vertical	214	1.06	-
PK	2.3382G	56.48	74.00	-17.52	32.09	3	Vertical	214	1.06	-
PK	2.4342G	96.61	Inf	-Inf	32.43	3	Vertical	214	1.06	-
PK	2.4902G	57.11	74.00	-16.89	32.64	3	Vertical	214	1.06	-

802.11b_Nss1,(1Mbps)_1TX

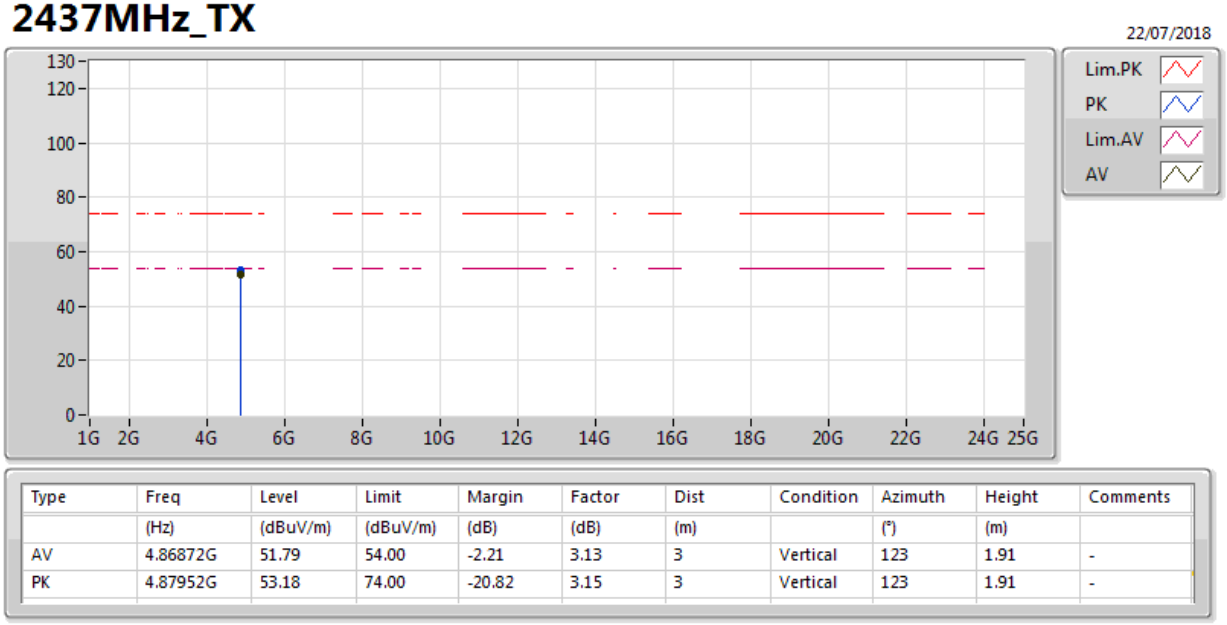
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.351G	44.62	54.00	-9.38	32.13	3	Horizontal	274	1.26	-
AV	2.435G	84.42	Inf	-Inf	32.44	3	Horizontal	274	1.26	-
AV	2.4998G	44.78	54.00	-9.22	32.67	3	Horizontal	274	1.26	-
PK	2.3578G	56.67	74.00	-17.33	32.16	3	Horizontal	274	1.26	-
PK	2.4342G	92.42	Inf	-Inf	32.43	3	Horizontal	274	1.26	-
PK	2.485G	56.74	74.00	-17.26	32.61	3	Horizontal	274	1.26	-

802.11b_Nss1,(1Mbps)_1TX

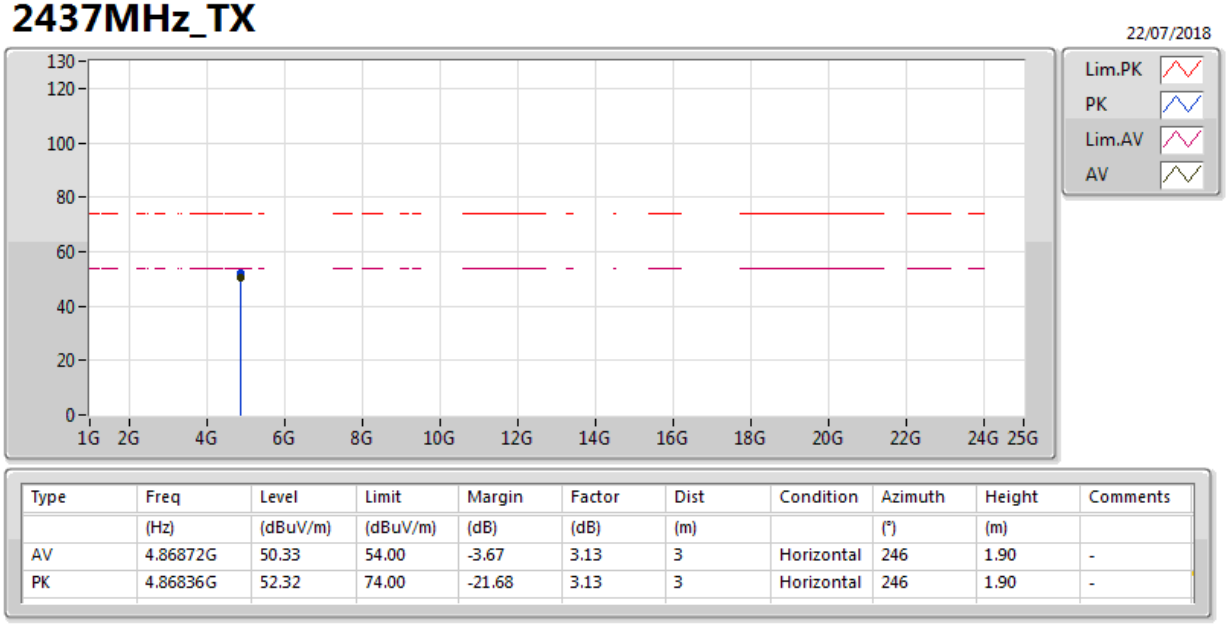
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.86872G	51.79	54.00	-2.21	3.13	3	Vertical	123	1.91	-
PK	4.87952G	53.18	74.00	-20.82	3.15	3	Vertical	123	1.91	-

802.11b_Nss1,(1Mbps)_1TX

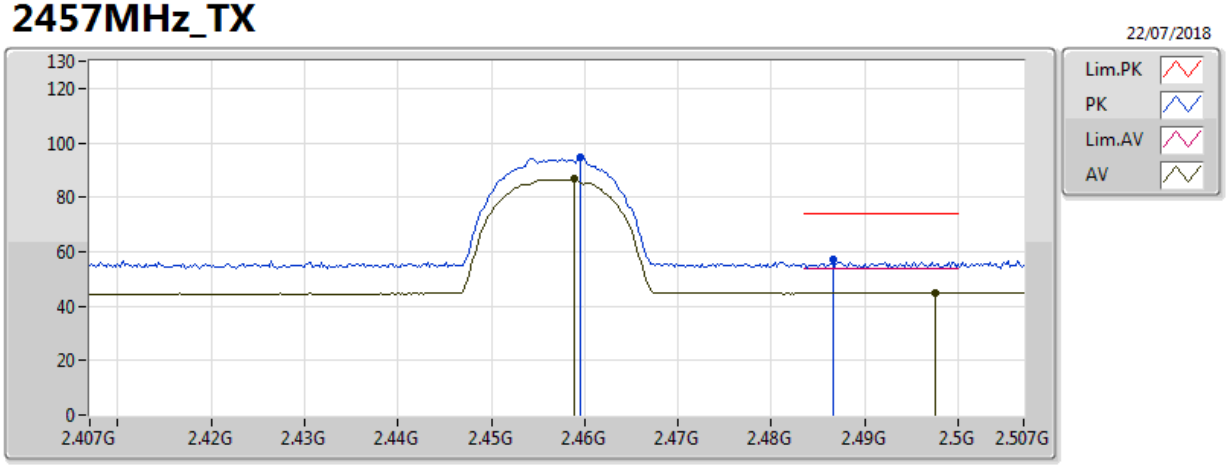
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.86872G	50.33	54.00	-3.67	3.13	3	Horizontal	246	1.90	-
PK	4.86836G	52.32	74.00	-21.68	3.13	3	Horizontal	246	1.90	-

802.11b_Nss1,(1Mbps)_1TX

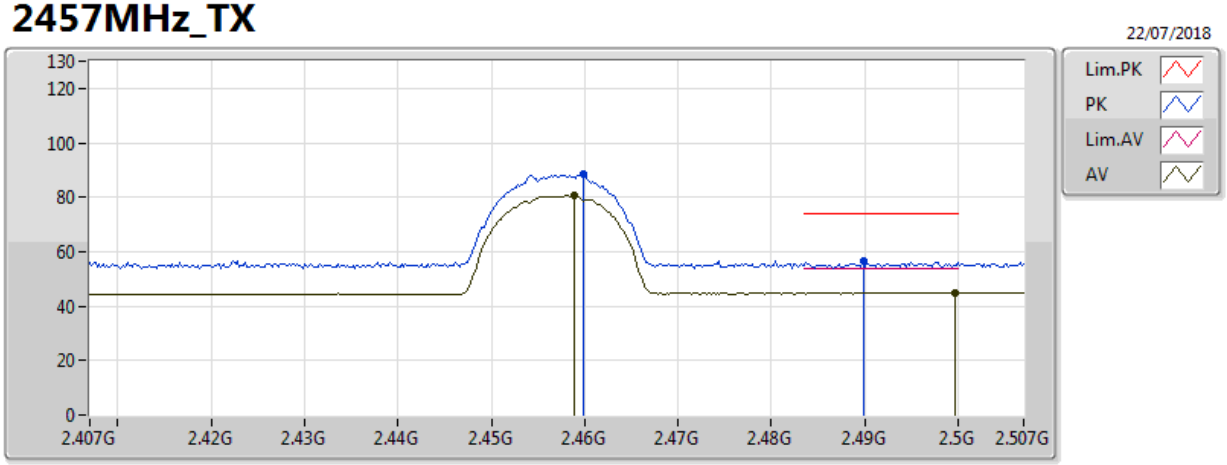
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4588G	86.69	Inf	-Inf	32.52	3	Vertical	209	1.13	-
AV	2.4976G	44.84	54.00	-9.16	32.66	3	Vertical	209	1.13	-
PK	2.4596G	94.49	Inf	-Inf	32.52	3	Vertical	209	1.13	-
PK	2.4866G	57.26	74.00	-16.74	32.62	3	Vertical	209	1.13	-

802.11b_Nss1,(1Mbps)_1TX

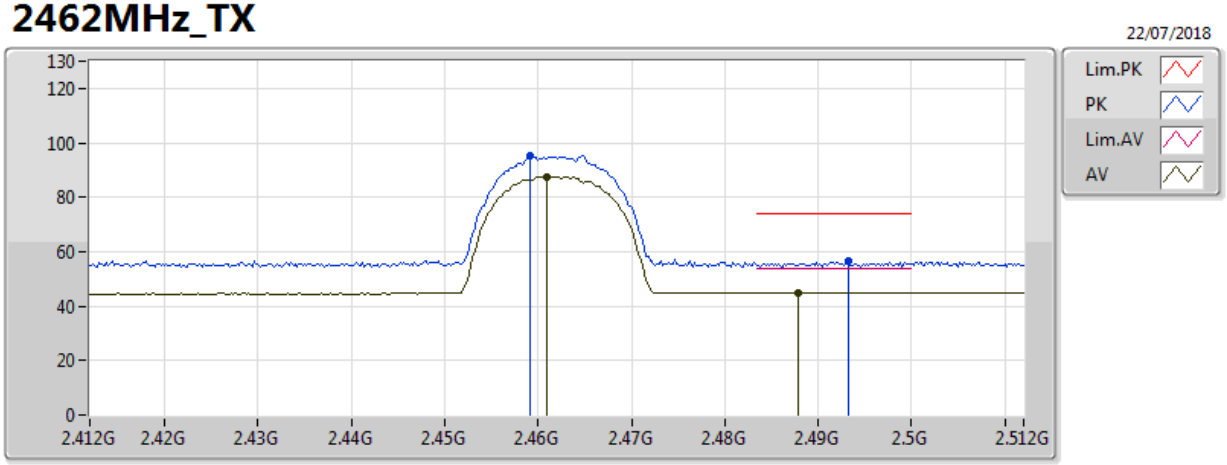
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4588G	80.60	Inf	-Inf	32.52	3	Horizontal	96	1.01	-
AV	2.4996G	44.80	54.00	-9.20	32.67	3	Horizontal	96	1.01	-
PK	2.4598G	88.74	Inf	-Inf	32.53	3	Horizontal	96	1.01	-
PK	2.4898G	56.42	74.00	-17.58	32.64	3	Horizontal	96	1.01	-

802.11b_Nss1,(1Mbps)_1TX

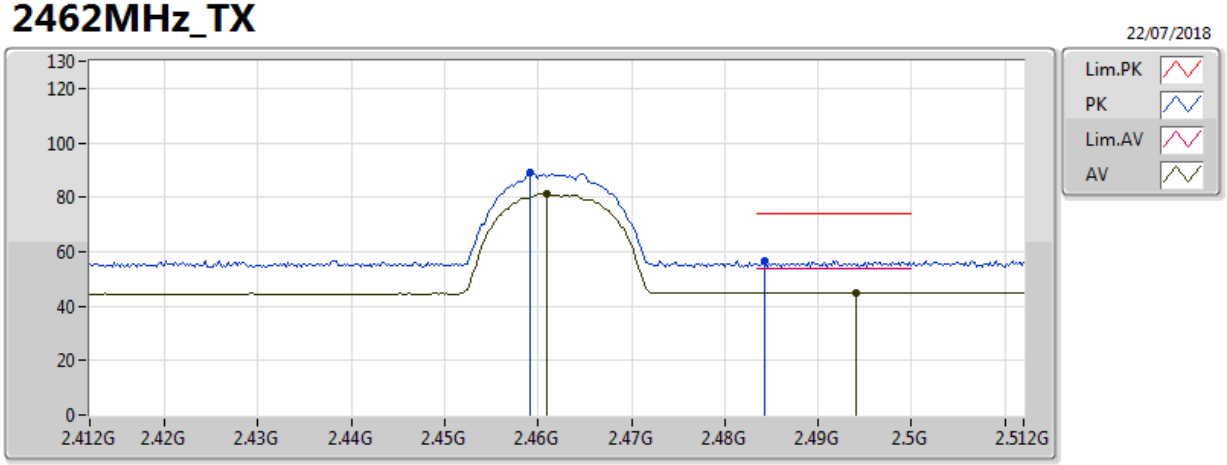
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.461G	87.55	Inf	-Inf	32.53	3	Vertical	214	1.14	-
AV	2.4878G	44.81	54.00	-9.19	32.63	3	Vertical	214	1.14	-
PK	2.4592G	95.53	Inf	-Inf	32.52	3	Vertical	214	1.14	-
PK	2.4932G	56.59	74.00	-17.41	32.64	3	Vertical	214	1.14	-

802.11b_Nss1,(1Mbps)_1TX

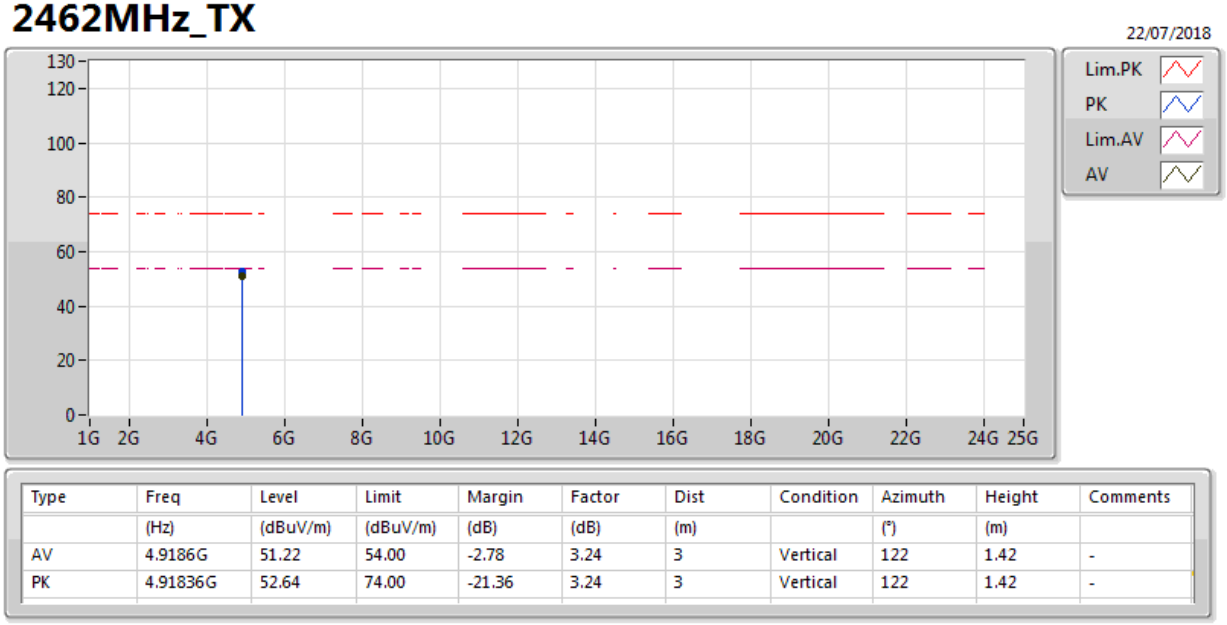
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.461G	81.11	Inf	-Inf	32.53	3	Horizontal	95	1.01	-
AV	2.494G	44.82	54.00	-9.18	32.65	3	Horizontal	95	1.01	-
PK	2.4592G	89.14	Inf	-Inf	32.52	3	Horizontal	95	1.01	-
PK	2.4842G	56.78	74.00	-17.22	32.61	3	Horizontal	95	1.01	-

802.11b_Nss1,(1Mbps)_1TX

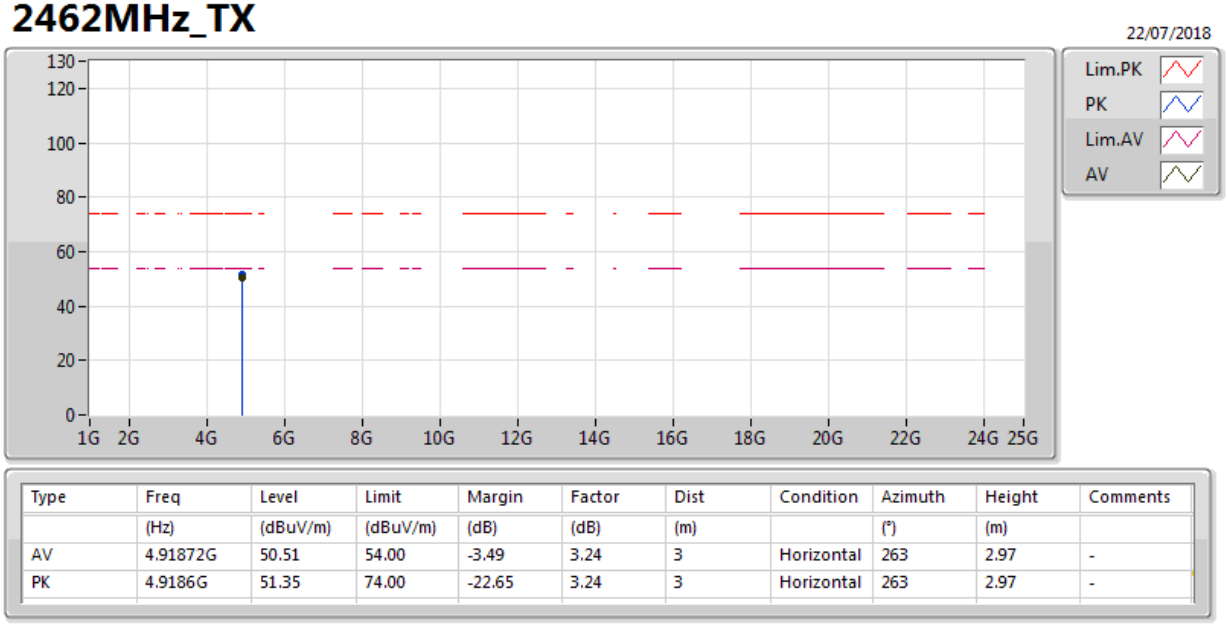
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9186G	51.22	54.00	-2.78	3.24	3	Vertical	122	1.42	-
PK	4.91836G	52.64	74.00	-21.36	3.24	3	Vertical	122	1.42	-

802.11b_Nss1,(1Mbps)_1TX

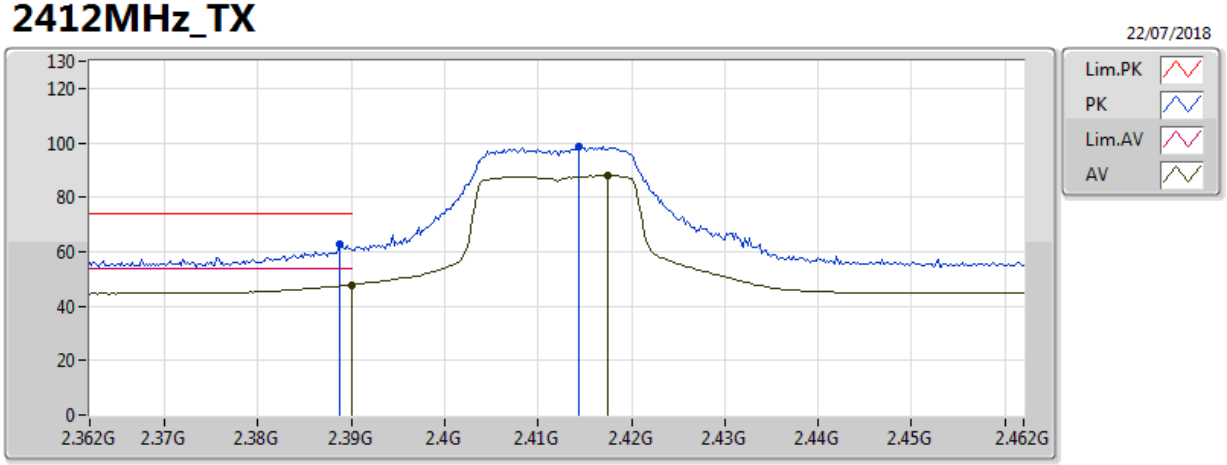
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.91872G	50.51	54.00	-3.49	3.24	3	Horizontal	263	2.97	-
PK	4.9186G	51.35	74.00	-22.65	3.24	3	Horizontal	263	2.97	-

802.11g_Nss1,(6Mbps)_1TX

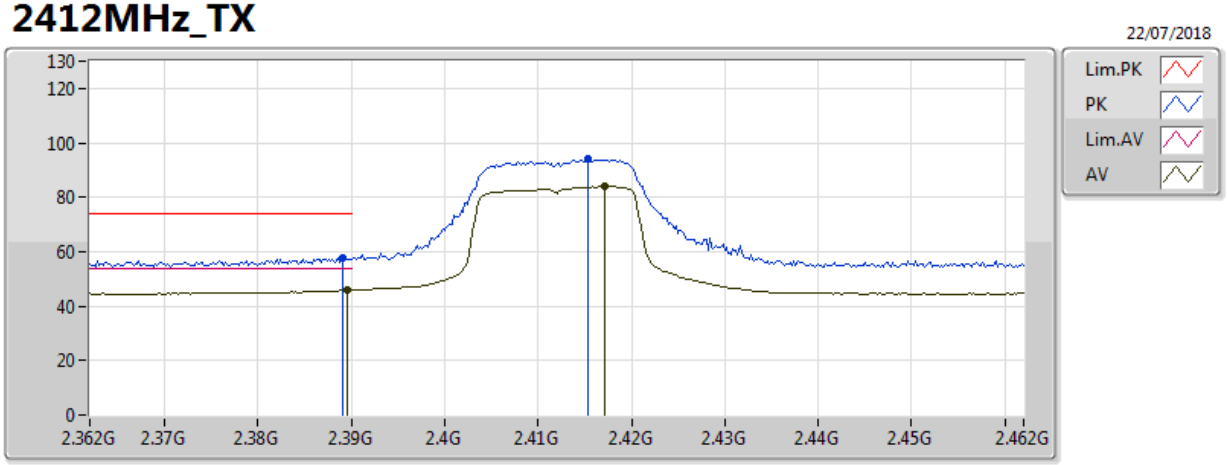
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	47.90	54.00	-6.10	32.28	3	Vertical	172	1.16	-
AV	2.4174G	87.99	Inf	-Inf	32.37	3	Vertical	172	1.16	-
PK	2.3888G	62.69	74.00	-11.31	32.27	3	Vertical	172	1.16	-
PK	2.4144G	98.64	Inf	-Inf	32.36	3	Vertical	172	1.16	-

802.11g_Nss1,(6Mbps)_1TX

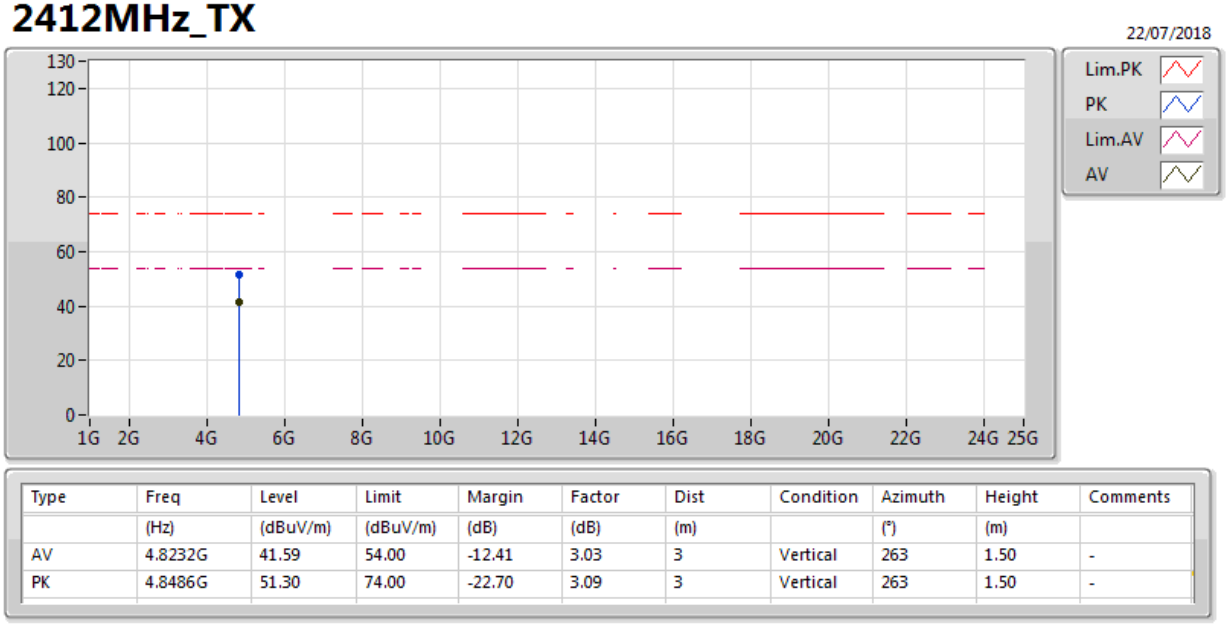
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	45.84	54.00	-8.16	32.28	3	Horizontal	273	1.37	-
AV	2.4172G	83.97	Inf	-Inf	32.37	3	Horizontal	273	1.37	-
PK	2.389G	57.74	74.00	-16.26	32.27	3	Horizontal	273	1.37	-
PK	2.4154G	94.09	Inf	-Inf	32.37	3	Horizontal	273	1.37	-

802.11g_Nss1,(6Mbps)_1TX

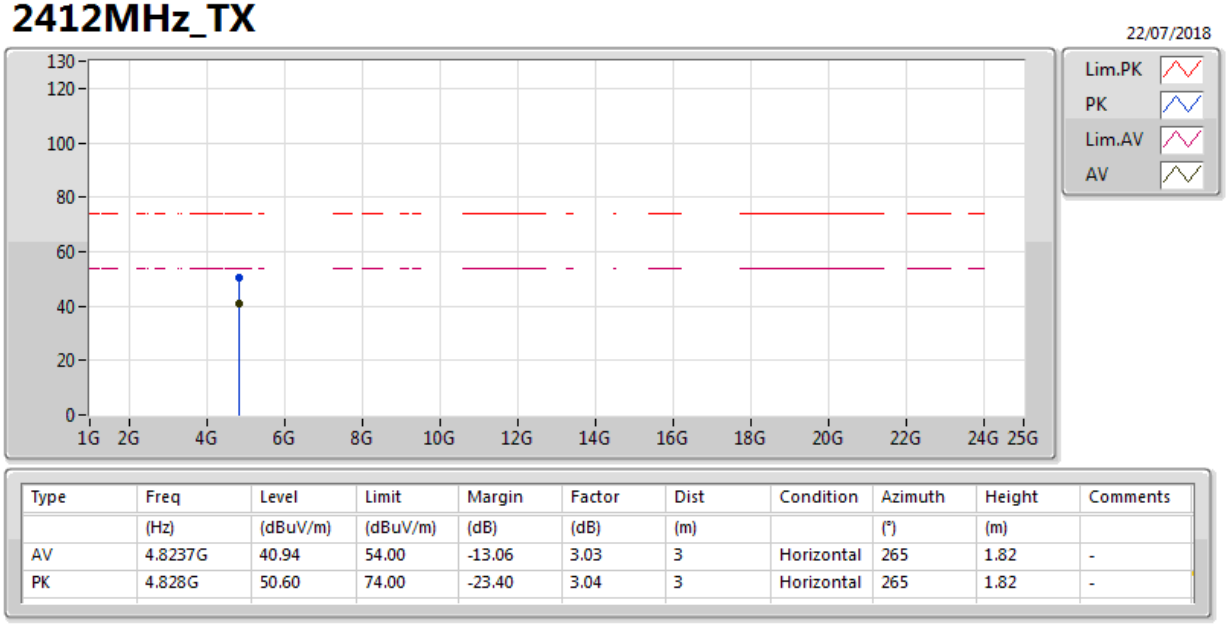
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8232G	41.59	54.00	-12.41	3.03	3	Vertical	263	1.50	-
PK	4.8486G	51.30	74.00	-22.70	3.09	3	Vertical	263	1.50	-

802.11g_Nss1,(6Mbps)_1TX

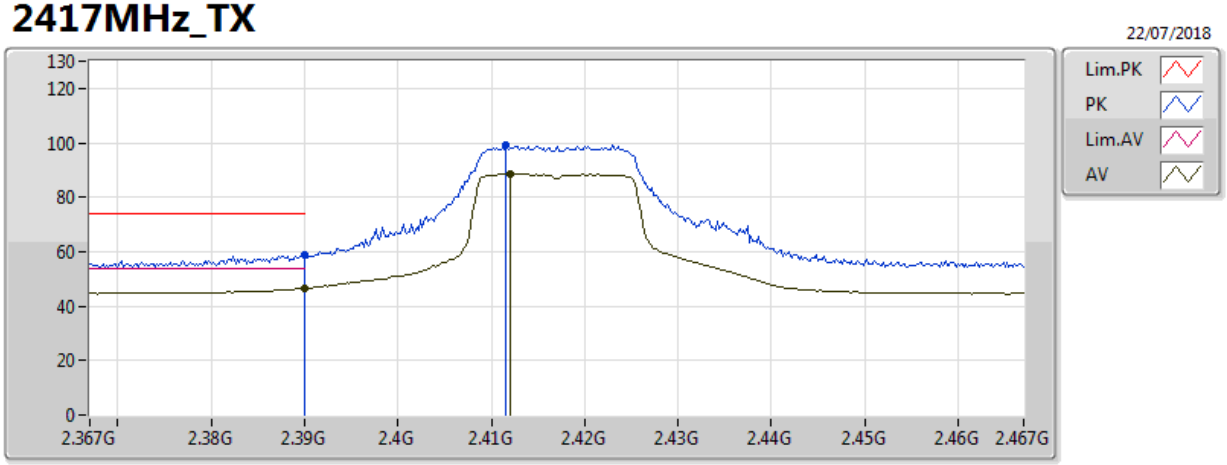
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8237G	40.94	54.00	-13.06	3.03	3	Horizontal	265	1.82	-
PK	4.828G	50.60	74.00	-23.40	3.04	3	Horizontal	265	1.82	-

802.11g_Nss1,(6Mbps)_1TX

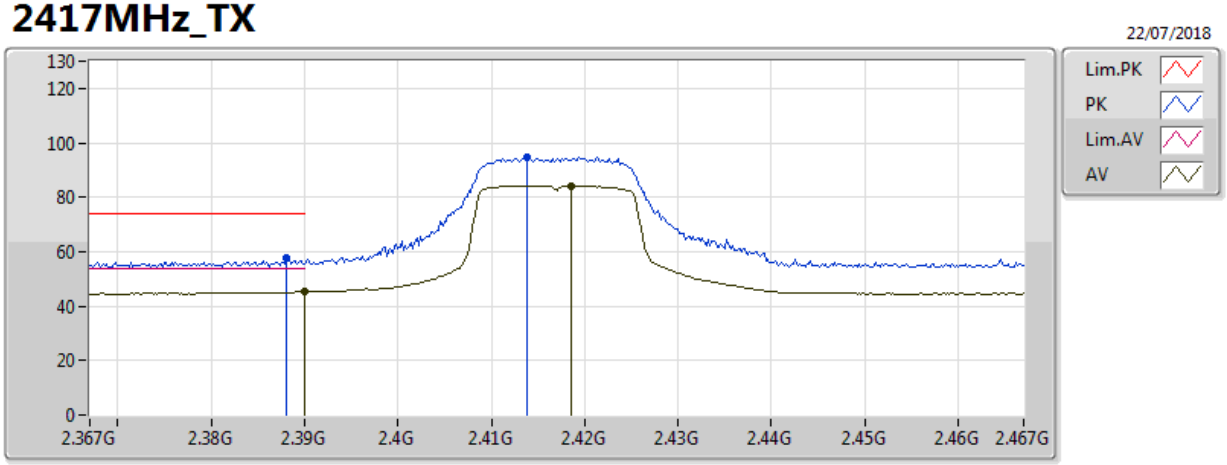
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	46.64	54.00	-7.36	32.28	3	Vertical	171	1.01	-
AV	2.412G	88.47	Inf	-Inf	32.35	3	Vertical	171	1.01	-
PK	2.389998G	58.87	74.00	-15.13	32.28	3	Vertical	171	1.01	-
PK	2.4116G	98.94	Inf	-Inf	32.35	3	Vertical	171	1.01	-

802.11g_Nss1,(6Mbps)_1TX

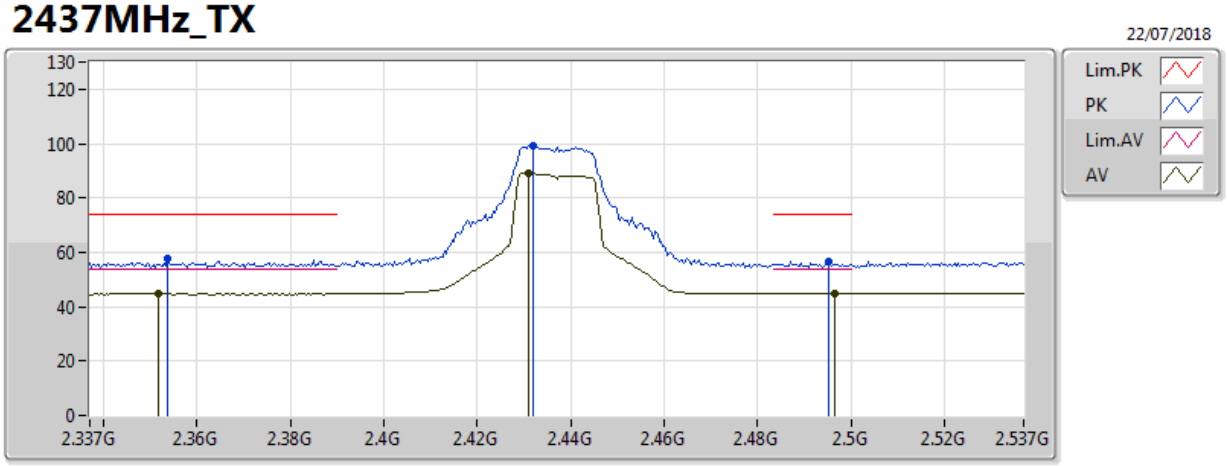
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	45.28	54.00	-8.72	32.28	3	Horizontal	274	1.38	-
AV	2.4186G	84.20	Inf	-Inf	32.38	3	Horizontal	274	1.38	-
PK	2.388G	57.61	74.00	-16.39	32.27	3	Horizontal	274	1.38	-
PK	2.4138G	94.78	Inf	-Inf	32.36	3	Horizontal	274	1.38	-

802.11g_Nss1,(6Mbps)_1TX

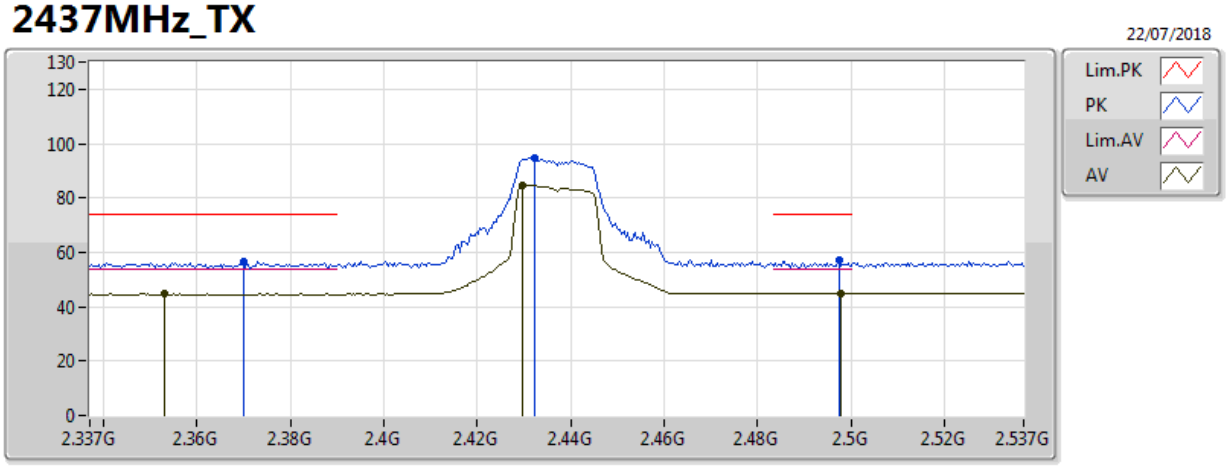
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3518G	44.71	54.00	-9.29	32.13	3	Vertical	219	1.02	-
AV	2.431G	89.09	Inf	-Inf	32.42	3	Vertical	219	1.02	-
AV	2.4966G	44.81	54.00	-9.19	32.66	3	Vertical	219	1.02	-
PK	2.3538G	57.62	74.00	-16.38	32.14	3	Vertical	219	1.02	-
PK	2.4318G	99.12	Inf	-Inf	32.42	3	Vertical	219	1.02	-
PK	2.4954G	56.51	74.00	-17.49	32.65	3	Vertical	219	1.02	-

802.11g_Nss1,(6Mbps)_1TX

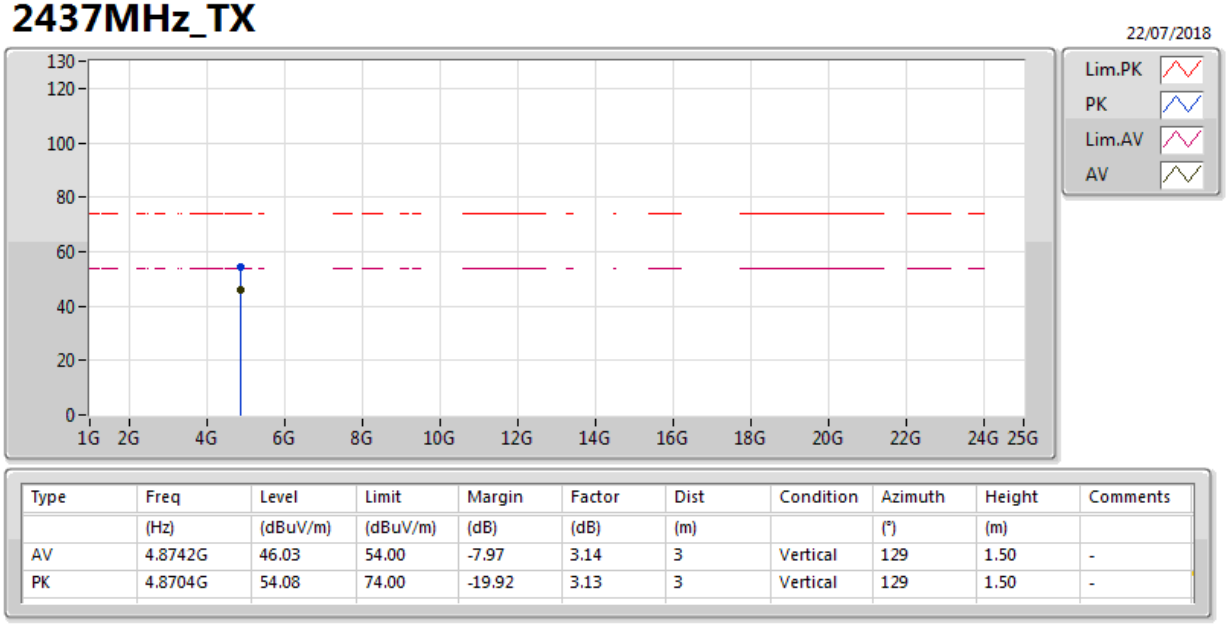
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.353G	44.61	54.00	-9.39	32.14	3	Horizontal	274	1.23	-
AV	2.4298G	84.84	Inf	-Inf	32.42	3	Horizontal	274	1.23	-
AV	2.4978G	44.77	54.00	-9.23	32.66	3	Horizontal	274	1.23	-
PK	2.3698G	56.42	74.00	-17.58	32.20	3	Horizontal	274	1.23	-
PK	2.4322G	94.87	Inf	-Inf	32.43	3	Horizontal	274	1.23	-
PK	2.4974G	57.38	74.00	-16.62	32.66	3	Horizontal	274	1.23	-

802.11g_Nss1,(6Mbps)_1TX

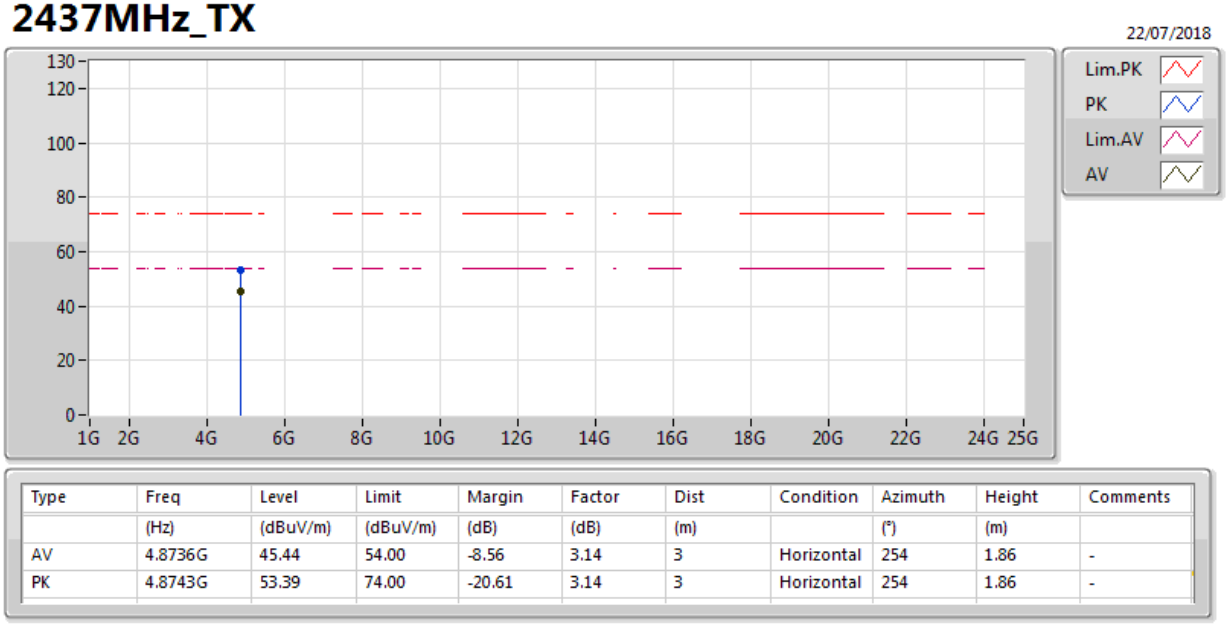
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8742G	46.03	54.00	-7.97	3.14	3	Vertical	129	1.50	-
PK	4.8704G	54.08	74.00	-19.92	3.13	3	Vertical	129	1.50	-

802.11g_Nss1,(6Mbps)_1TX

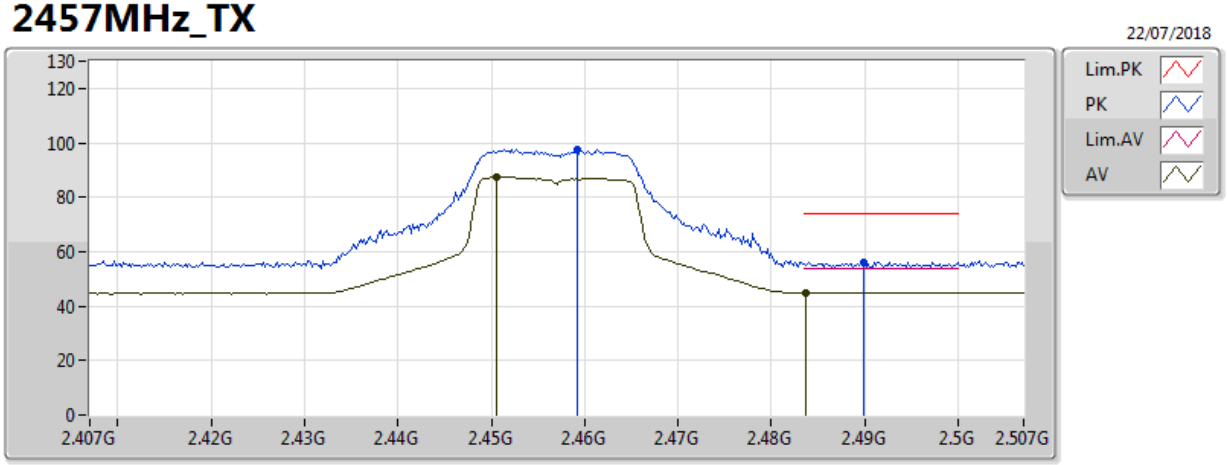
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8736G	45.44	54.00	-8.56	3.14	3	Horizontal	254	1.86	-
PK	4.8743G	53.39	74.00	-20.61	3.14	3	Horizontal	254	1.86	-

802.11g_Nss1,(6Mbps)_1TX

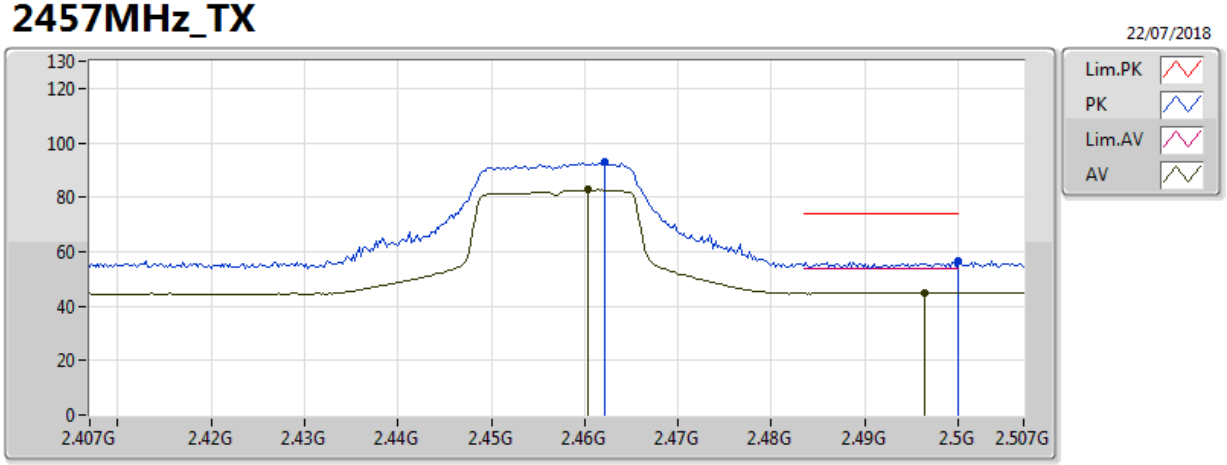
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4506G	87.35	Inf	-Inf	32.49	3	Vertical	214	1.00	-
AV	2.4836G	44.87	54.00	-9.13	32.61	3	Vertical	214	1.00	-
PK	2.4592G	97.76	Inf	-Inf	32.52	3	Vertical	214	1.00	-
PK	2.4898G	56.10	74.00	-17.90	32.64	3	Vertical	214	1.00	-

802.11g_Nss1,(6Mbps)_1TX

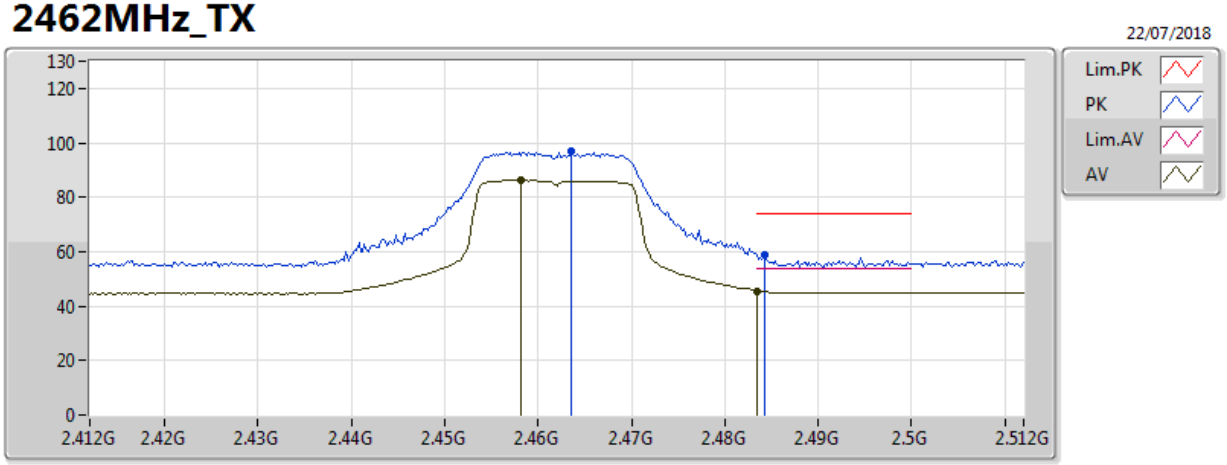
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4604G	82.85	Inf	-Inf	32.53	3	Horizontal	279	1.00	-
AV	2.4964G	44.92	54.00	-9.08	32.66	3	Horizontal	279	1.00	-
PK	2.4622G	92.77	Inf	-Inf	32.53	3	Horizontal	279	1.00	-
PK	2.499998G	56.54	74.00	-17.46	32.67	3	Horizontal	279	1.00	-

802.11g_Nss1,(6Mbps)_1TX

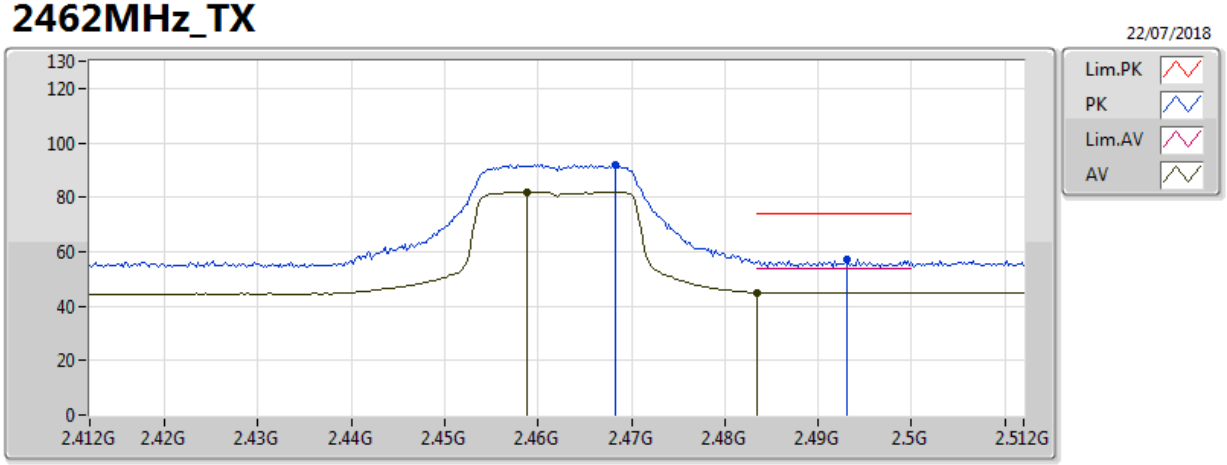
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4582G	86.28	Inf	-Inf	32.52	3	Vertical	209	1.13	-
AV	2.483502G	45.65	54.00	-8.35	32.61	3	Vertical	209	1.13	-
PK	2.4636G	96.81	Inf	-Inf	32.54	3	Vertical	209	1.13	-
PK	2.4842G	59.09	74.00	-14.91	32.61	3	Vertical	209	1.13	-

802.11g_Nss1,(6Mbps)_1TX

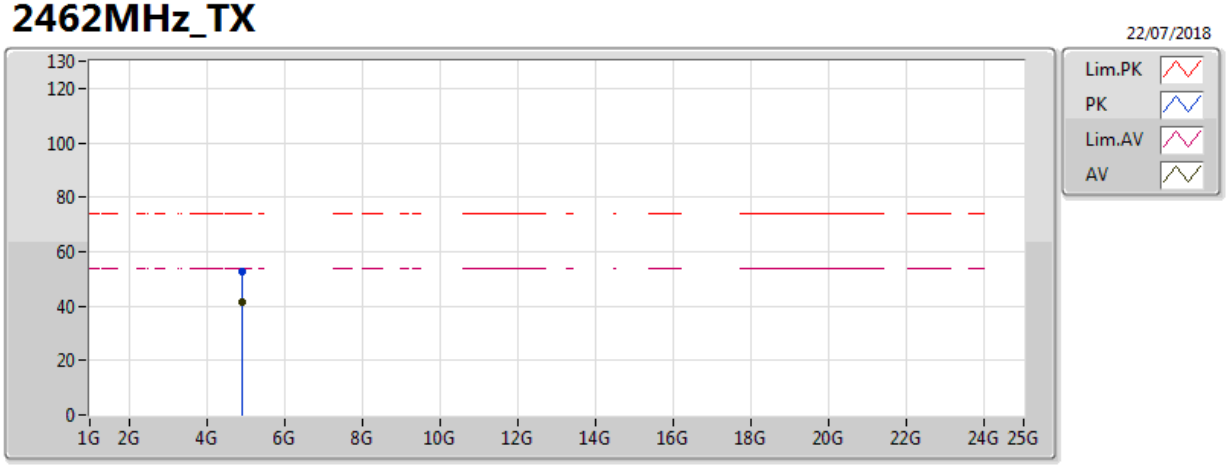
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4588G	81.98	Inf	-Inf	32.52	3	Horizontal	278	1.00	-
AV	2.483502G	44.94	54.00	-9.06	32.61	3	Horizontal	278	1.00	-
PK	2.4682G	91.89	Inf	-Inf	32.56	3	Horizontal	278	1.00	-
PK	2.493G	57.41	74.00	-16.59	32.64	3	Horizontal	278	1.00	-

802.11g_Nss1,(6Mbps)_1TX

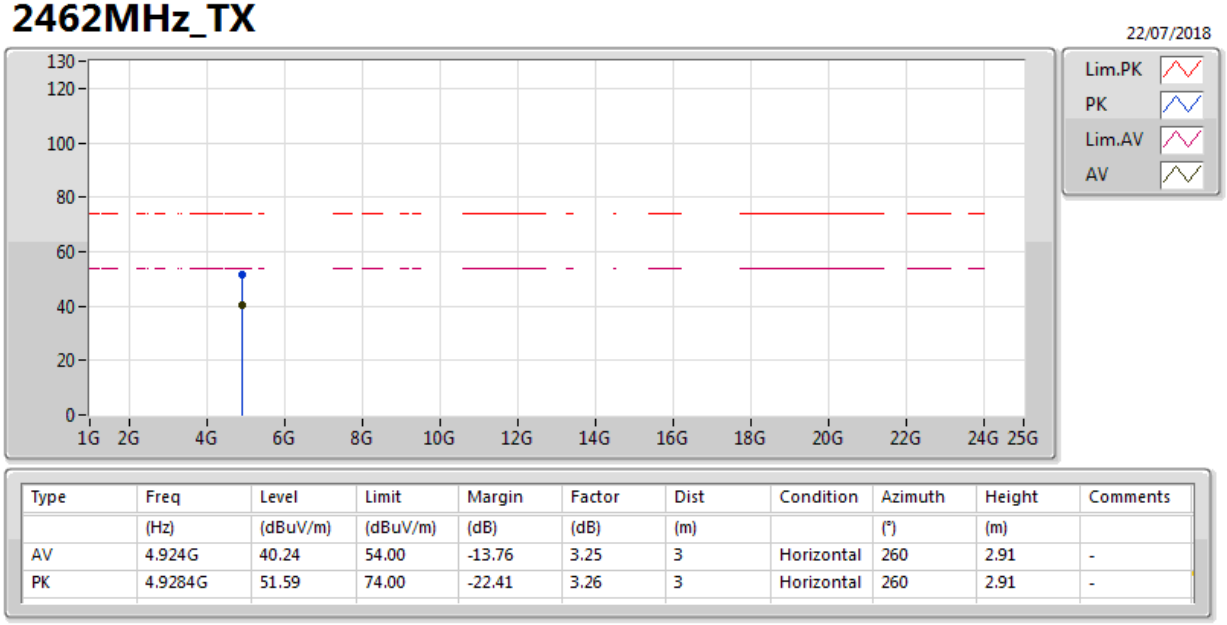
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9238G	41.72	54.00	-12.28	3.25	3	Vertical	245	2.60	-
PK	4.9243G	52.81	74.00	-21.19	3.25	3	Vertical	245	2.60	-

802.11g_Nss1,(6Mbps)_1TX

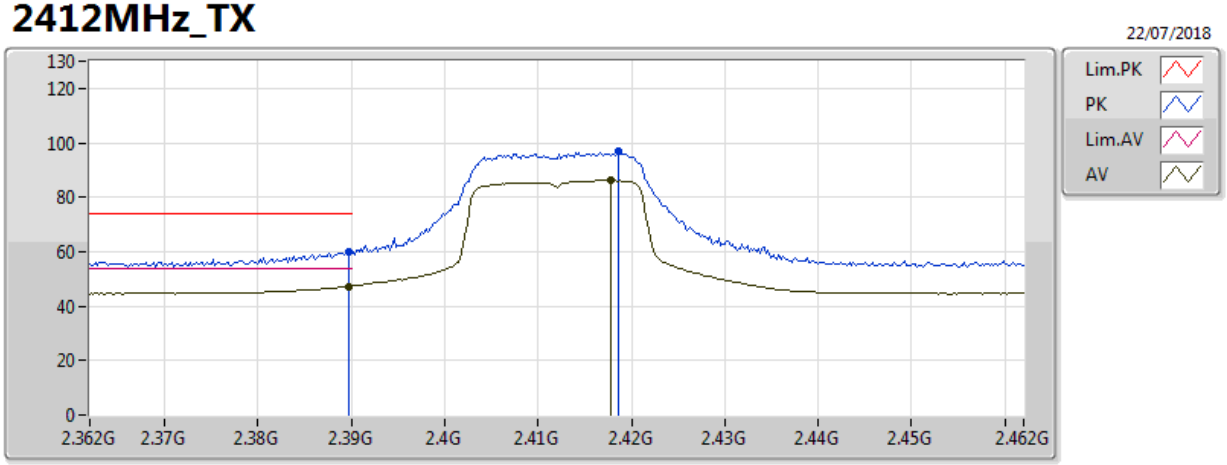
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	40.24	54.00	-13.76	3.25	3	Horizontal	260	2.91	-
PK	4.9284G	51.59	74.00	-22.41	3.26	3	Horizontal	260	2.91	-

802.11n HT20_Nss1,(MCS0)_1TX

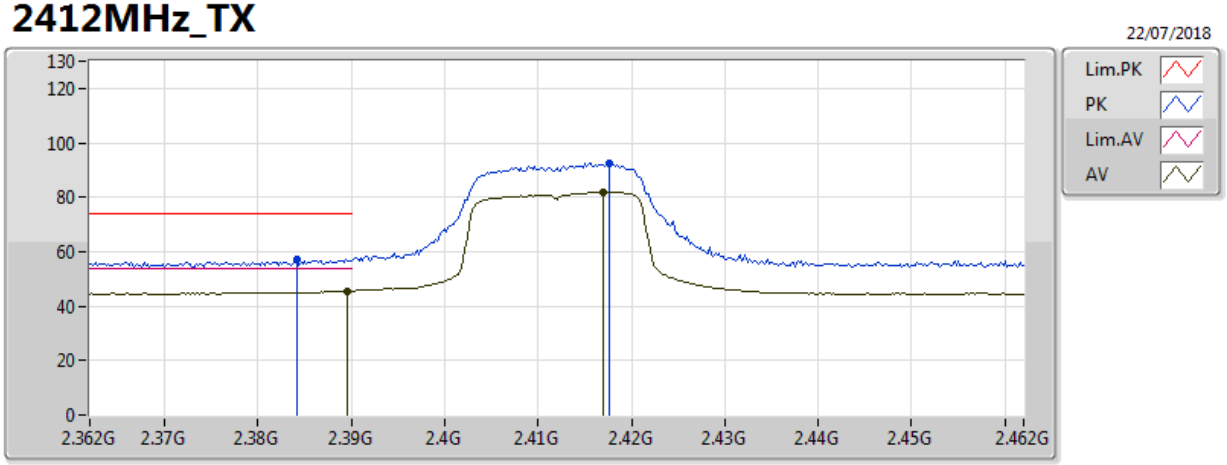
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	47.32	54.00	-6.68	32.28	3	Vertical	215	1.17	-
AV	2.4178G	86.26	Inf	-Inf	32.37	3	Vertical	215	1.17	-
PK	2.3898G	60.23	74.00	-13.77	32.28	3	Vertical	215	1.17	-
PK	2.4186G	97.07	Inf	-Inf	32.38	3	Vertical	215	1.17	-

802.11n HT20_Nss1,(MCS0)_1TX

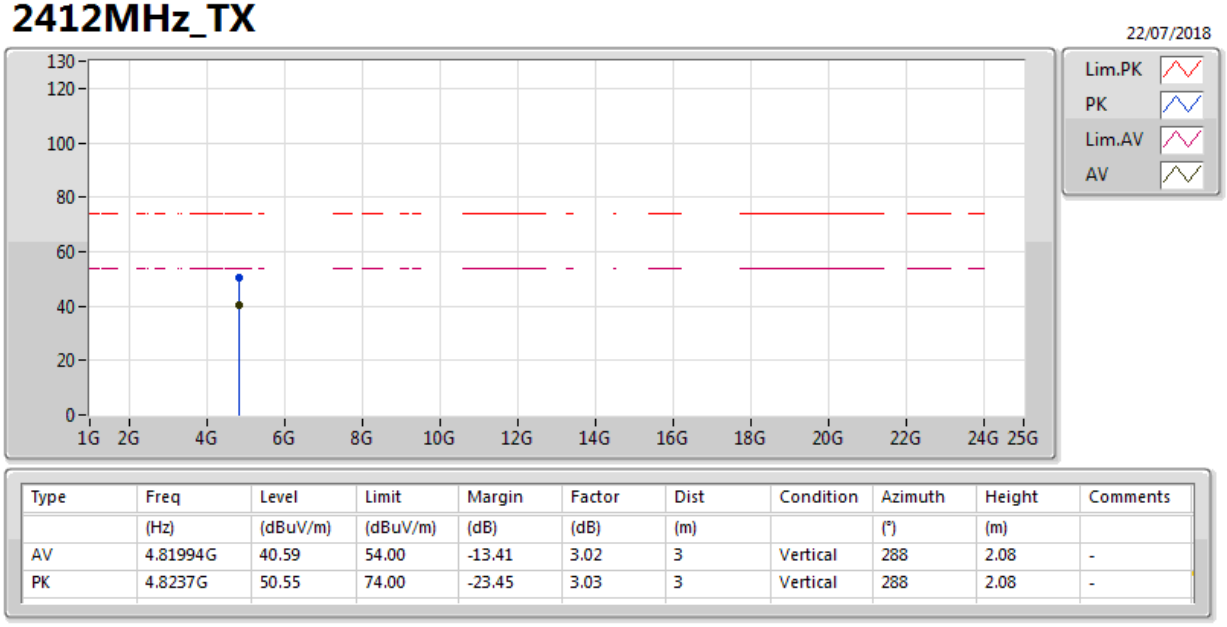
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	45.55	54.00	-8.45	32.28	3	Horizontal	273	1.38	-
AV	2.417G	81.83	Inf	-Inf	32.37	3	Horizontal	273	1.38	-
PK	2.3842G	57.27	74.00	-16.73	32.25	3	Horizontal	273	1.38	-
PK	2.4176G	92.43	Inf	-Inf	32.37	3	Horizontal	273	1.38	-

802.11n HT20_Nss1,(MCS0)_1TX

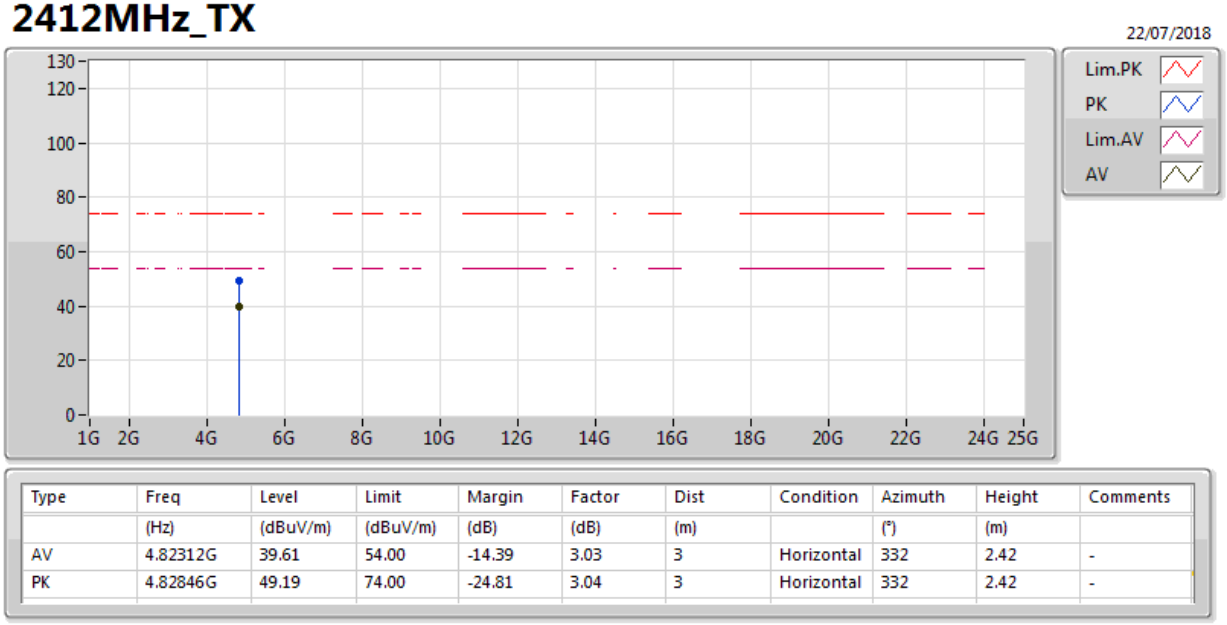
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.81994G	40.59	54.00	-13.41	3.02	3	Vertical	288	2.08	-
PK	4.8237G	50.55	74.00	-23.45	3.03	3	Vertical	288	2.08	-

802.11n HT20_Nss1,(MCS0)_1TX

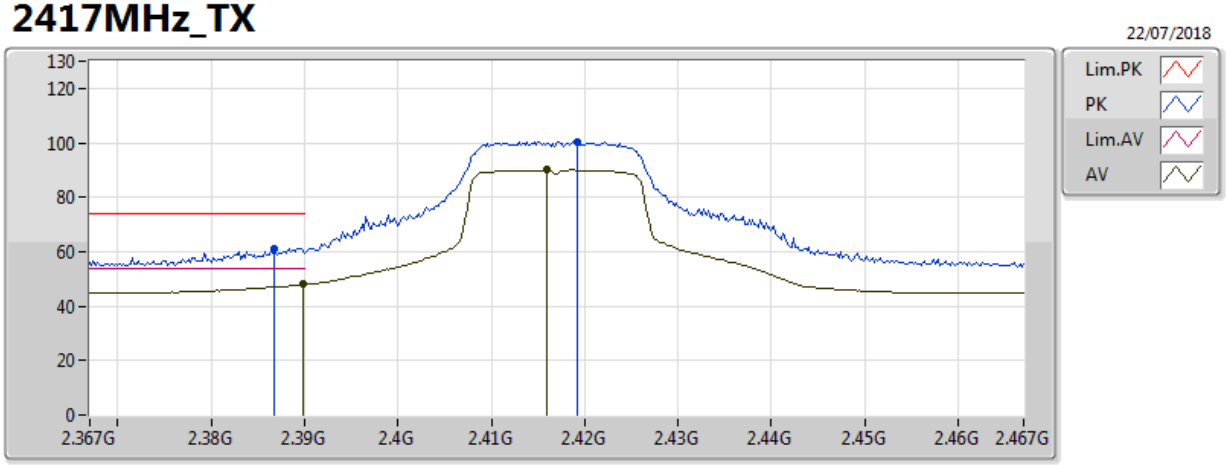
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82312G	39.61	54.00	-14.39	3.03	3	Horizontal	332	2.42	-
PK	4.82846G	49.19	74.00	-24.81	3.04	3	Horizontal	332	2.42	-

802.11n HT20_Nss1,(MCS0)_1TX

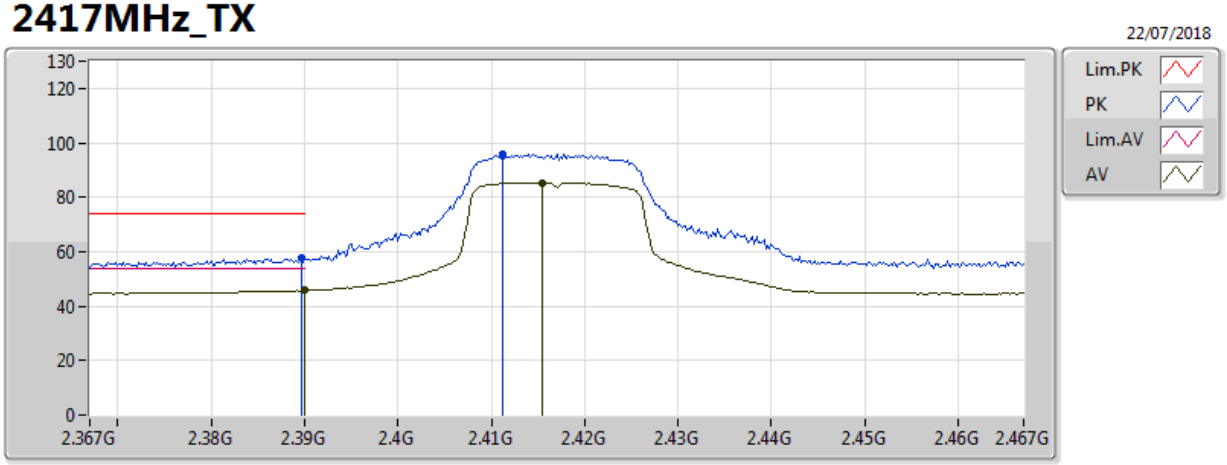
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	47.91	54.00	-6.09	32.28	3	Vertical	171	1.17	-
AV	2.416G	89.99	Inf	-Inf	32.37	3	Vertical	171	1.17	-
PK	2.3868G	61.32	74.00	-12.68	32.26	3	Vertical	171	1.17	-
PK	2.4192G	100.57	Inf	-Inf	32.38	3	Vertical	171	1.17	-

802.11n HT20_Nss1,(MCS0)_1TX

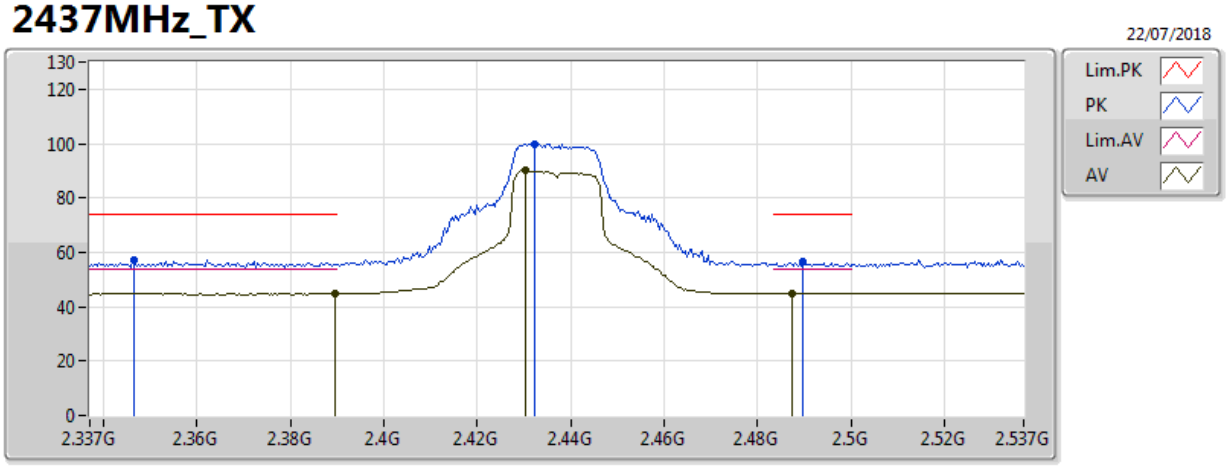
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	45.71	54.00	-8.29	32.28	3	Horizontal	274	1.37	-
AV	2.4154G	85.24	Inf	-Inf	32.37	3	Horizontal	274	1.37	-
PK	2.3896G	57.91	74.00	-16.09	32.28	3	Horizontal	274	1.37	-
PK	2.4112G	95.93	Inf	-Inf	32.35	3	Horizontal	274	1.37	-

802.11n HT20_Nss1,(MCS0)_1TX

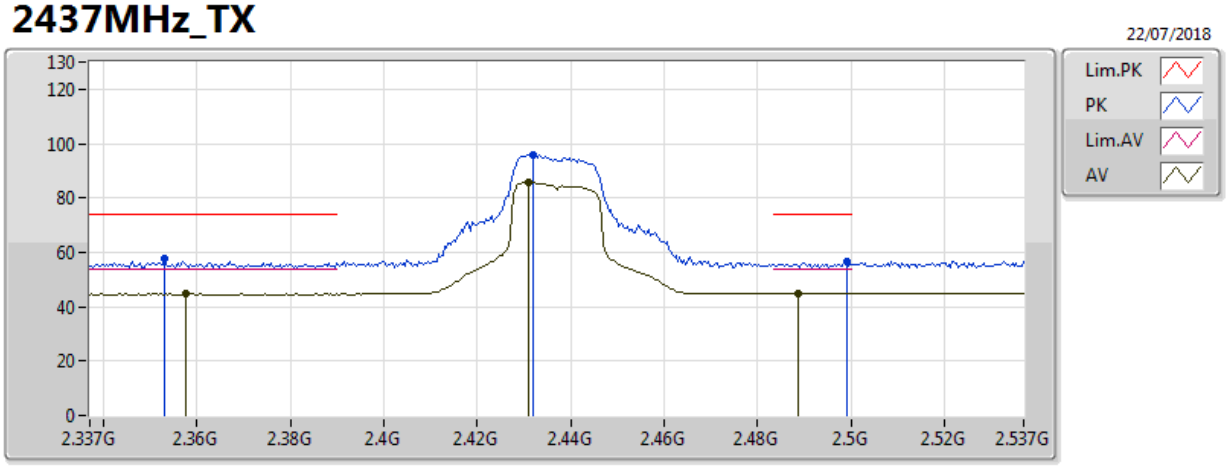
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	44.77	54.00	-9.23	32.27	3	Vertical	215	1.03	-
AV	2.4302G	90.23	Inf	-Inf	32.42	3	Vertical	215	1.03	-
AV	2.4874G	44.88	54.00	-9.12	32.62	3	Vertical	215	1.03	-
PK	2.3466G	57.06	74.00	-16.94	32.12	3	Vertical	215	1.03	-
PK	2.4322G	99.92	Inf	-Inf	32.43	3	Vertical	215	1.03	-
PK	2.4898G	56.35	74.00	-17.65	32.64	3	Vertical	215	1.03	-

802.11n HT20_Nss1,(MCS0)_1TX

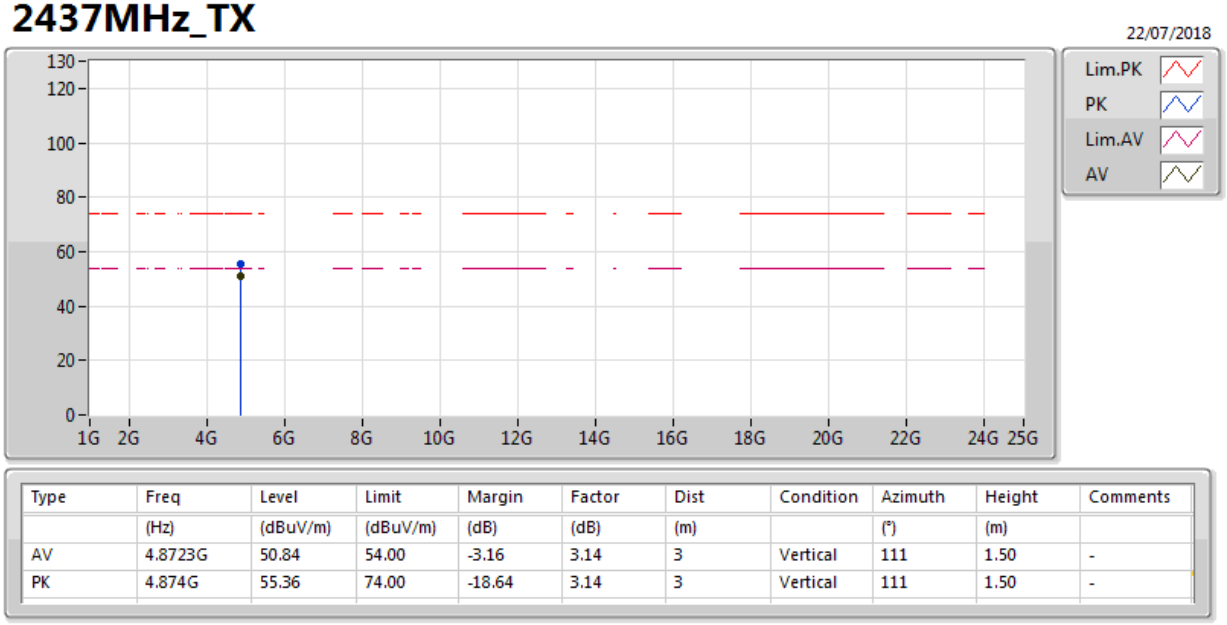
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3574G	44.62	54.00	-9.38	32.16	3	Horizontal	273	1.24	-
AV	2.431G	85.69	Inf	-Inf	32.42	3	Horizontal	273	1.24	-
AV	2.4886G	44.76	54.00	-9.24	32.63	3	Horizontal	273	1.24	-
PK	2.353G	57.74	74.00	-16.26	32.14	3	Horizontal	273	1.24	-
PK	2.4318G	95.88	Inf	-Inf	32.42	3	Horizontal	273	1.24	-
PK	2.499G	56.42	74.00	-17.58	32.67	3	Horizontal	273	1.24	-

802.11n HT20_Nss1,(MCS0)_1TX

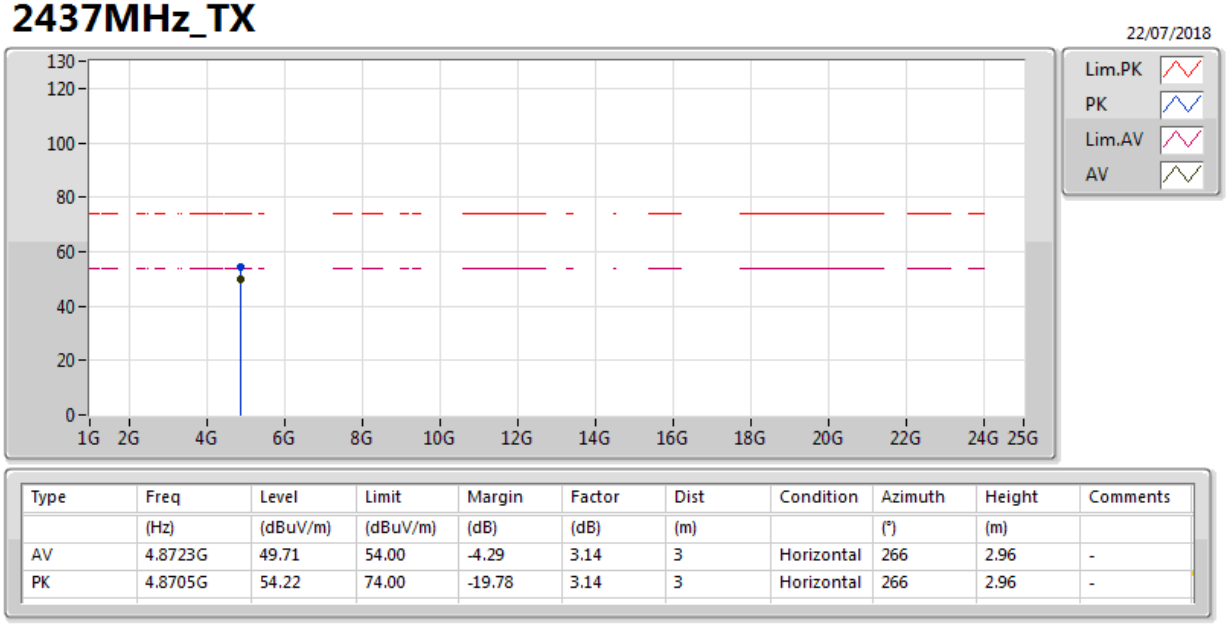
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8723G	50.84	54.00	-3.16	3.14	3	Vertical	111	1.50	-
PK	4.874G	55.36	74.00	-18.64	3.14	3	Vertical	111	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

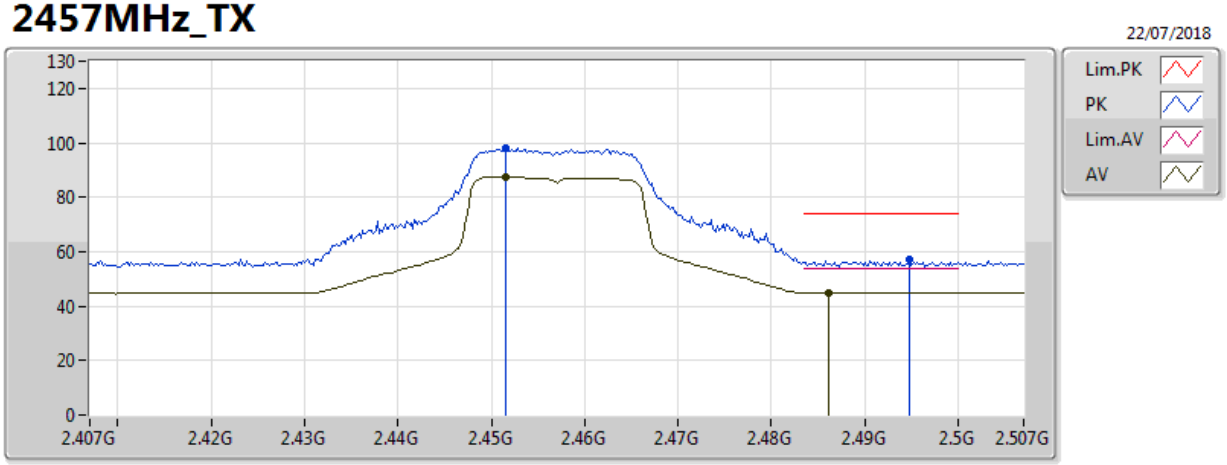
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8723G	49.71	54.00	-4.29	3.14	3	Horizontal	266	2.96	-
PK	4.8705G	54.22	74.00	-19.78	3.14	3	Horizontal	266	2.96	-

802.11n HT20_Nss1,(MCS0)_1TX

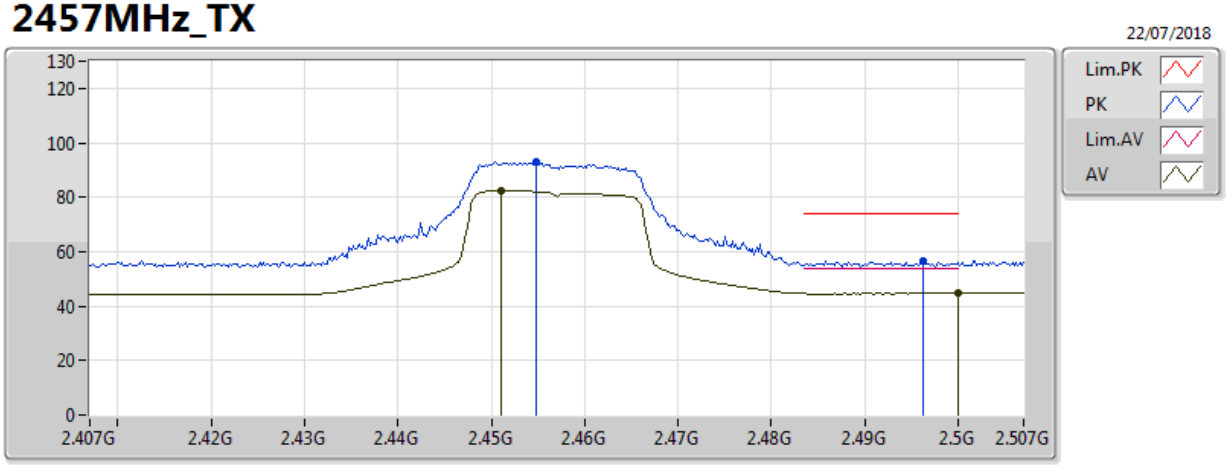
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4516G	87.50	Inf	-Inf	32.50	3	Vertical	214	1.00	-
AV	2.4862G	44.94	54.00	-9.06	32.62	3	Vertical	214	1.00	-
PK	2.4516G	98.20	Inf	-Inf	32.50	3	Vertical	214	1.00	-
PK	2.4948G	56.98	74.00	-17.02	32.65	3	Vertical	214	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

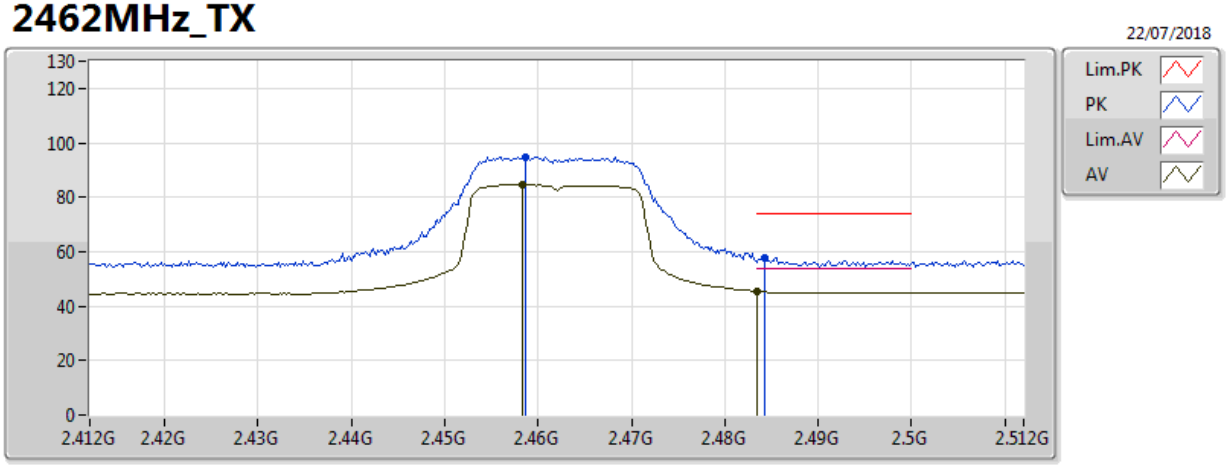
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.451G	82.55	Inf	-Inf	32.49	3	Horizontal	274	1.16	-
AV	2.499998G	44.61	54.00	-9.39	32.67	3	Horizontal	274	1.16	-
PK	2.4548G	93.15	Inf	-Inf	32.51	3	Horizontal	274	1.16	-
PK	2.4962G	56.46	74.00	-17.54	32.66	3	Horizontal	274	1.16	-

802.11n HT20_Nss1,(MCS0)_1TX

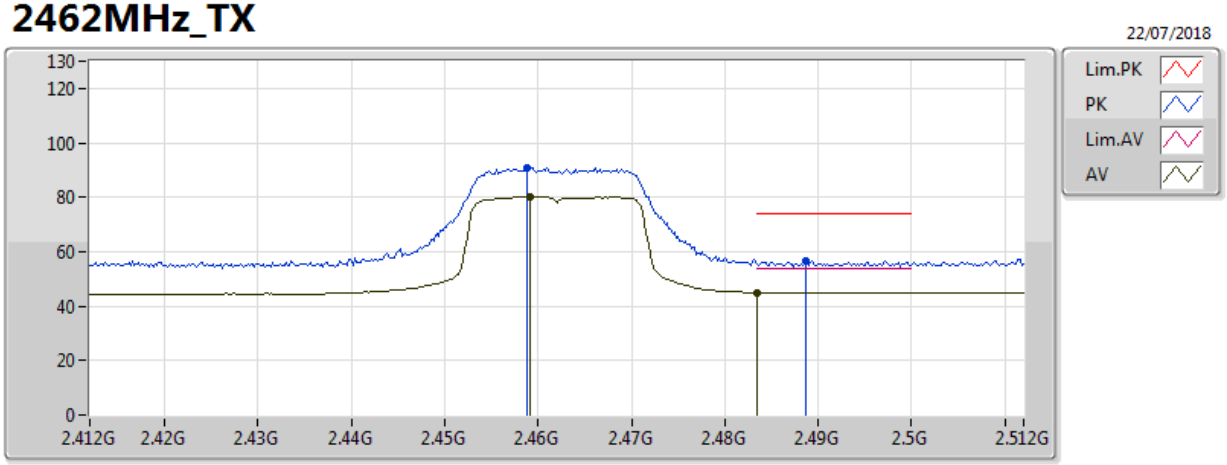
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4584G	84.65	Inf	-Inf	32.52	3	Vertical	210	1.12	-
AV	2.483502G	45.45	54.00	-8.55	32.61	3	Vertical	210	1.12	-
PK	2.4586G	94.83	Inf	-Inf	32.52	3	Vertical	210	1.12	-
PK	2.4842G	57.81	74.00	-16.19	32.61	3	Vertical	210	1.12	-

802.11n HT20_Nss1,(MCS0)_1TX

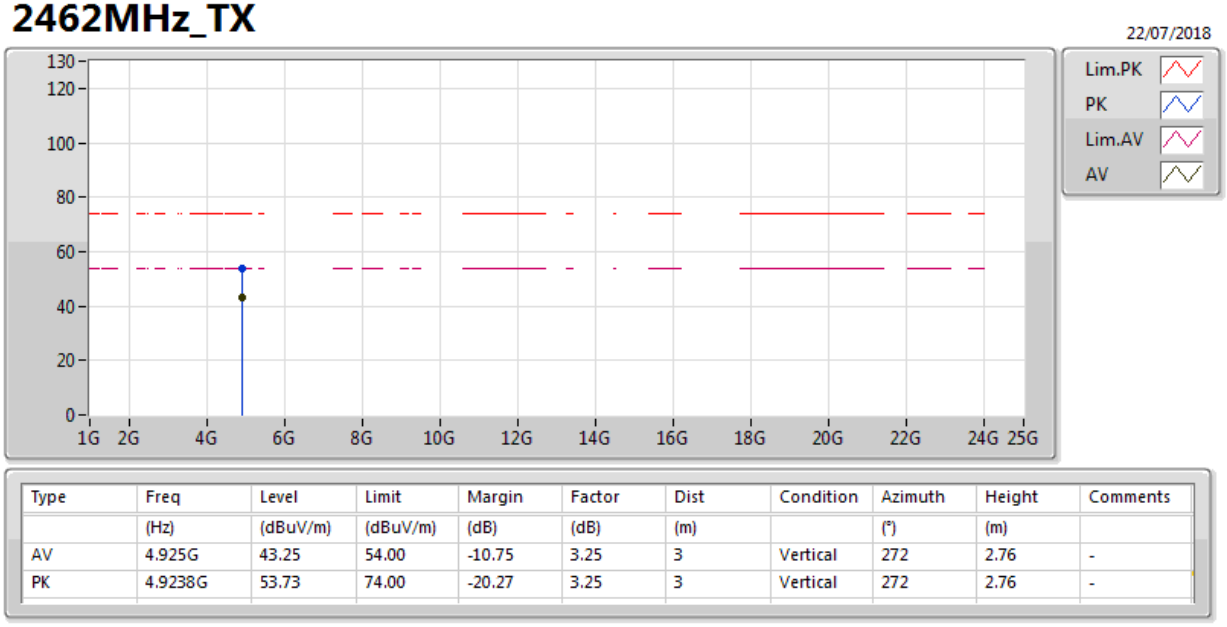
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4592G	80.12	Inf	-Inf	32.52	3	Horizontal	278	1.01	-
AV	2.483502G	44.91	54.00	-9.09	32.61	3	Horizontal	278	1.01	-
PK	2.4588G	90.68	Inf	-Inf	32.52	3	Horizontal	278	1.01	-
PK	2.4886G	56.83	74.00	-17.17	32.63	3	Horizontal	278	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

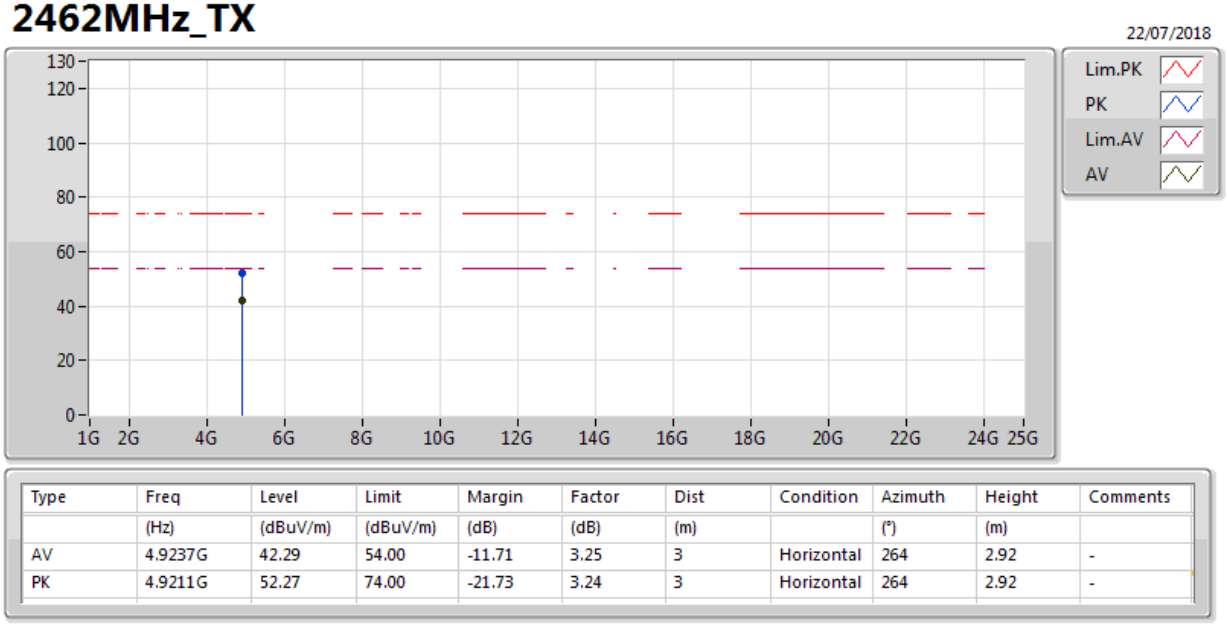
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.925G	43.25	54.00	-10.75	3.25	3	Vertical	272	2.76	-
PK	4.9238G	53.73	74.00	-20.27	3.25	3	Vertical	272	2.76	-

802.11n HT20_Nss1,(MCS0)_1TX

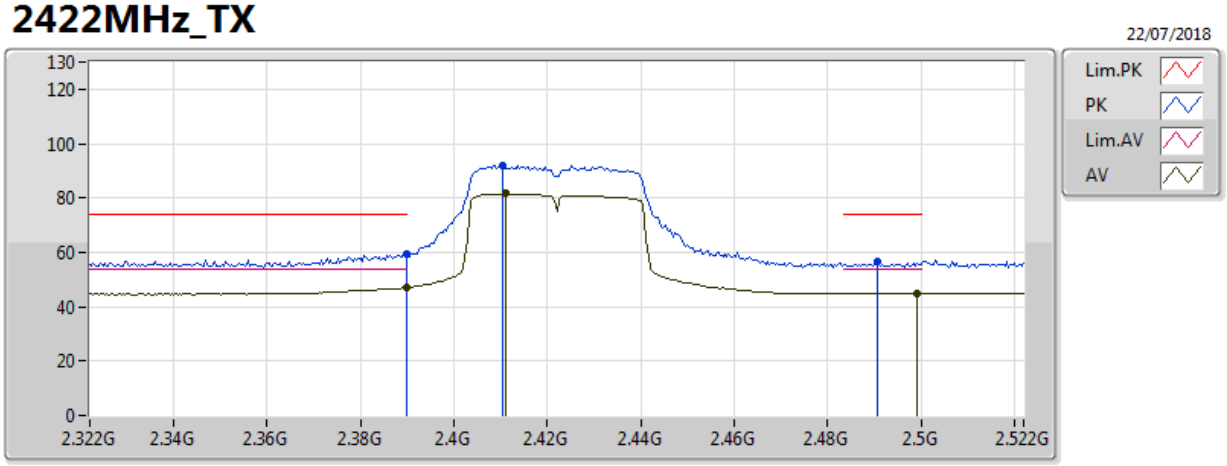
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9237G	42.29	54.00	-11.71	3.25	3	Horizontal	264	2.92	-
PK	4.9211G	52.27	74.00	-21.73	3.24	3	Horizontal	264	2.92	-

802.11n HT40_Nss1,(MCS0)_1TX

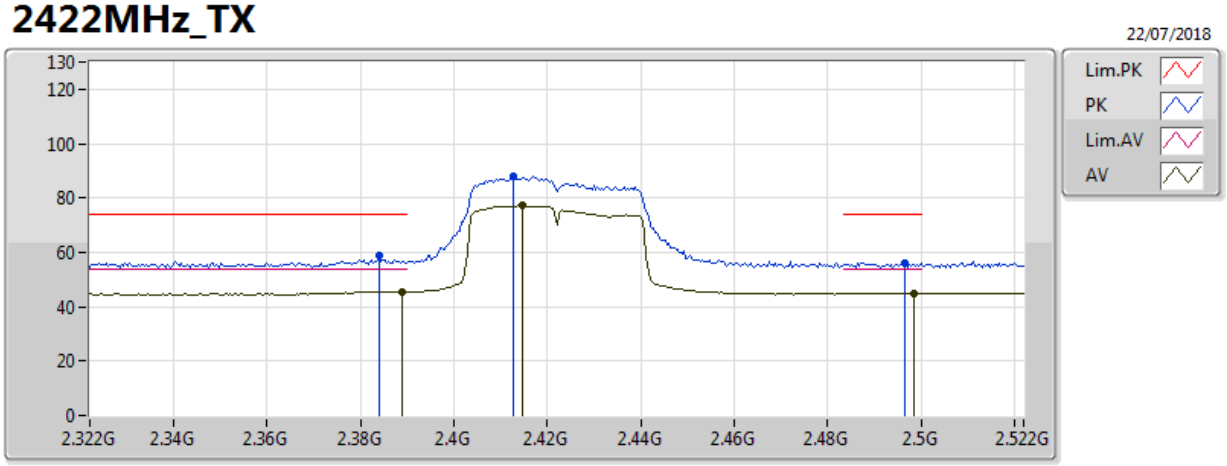
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	47.12	54.00	-6.88	32.28	3	Vertical	180	1.01	-
AV	2.4112G	81.56	Inf	-Inf	32.35	3	Vertical	180	1.01	-
AV	2.4992G	44.90	54.00	-9.10	32.67	3	Vertical	180	1.01	-
PK	2.389998G	59.46	74.00	-14.54	32.28	3	Vertical	180	1.01	-
PK	2.4104G	92.02	Inf	-Inf	32.35	3	Vertical	180	1.01	-
PK	2.4908G	56.45	74.00	-17.55	32.64	3	Vertical	180	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

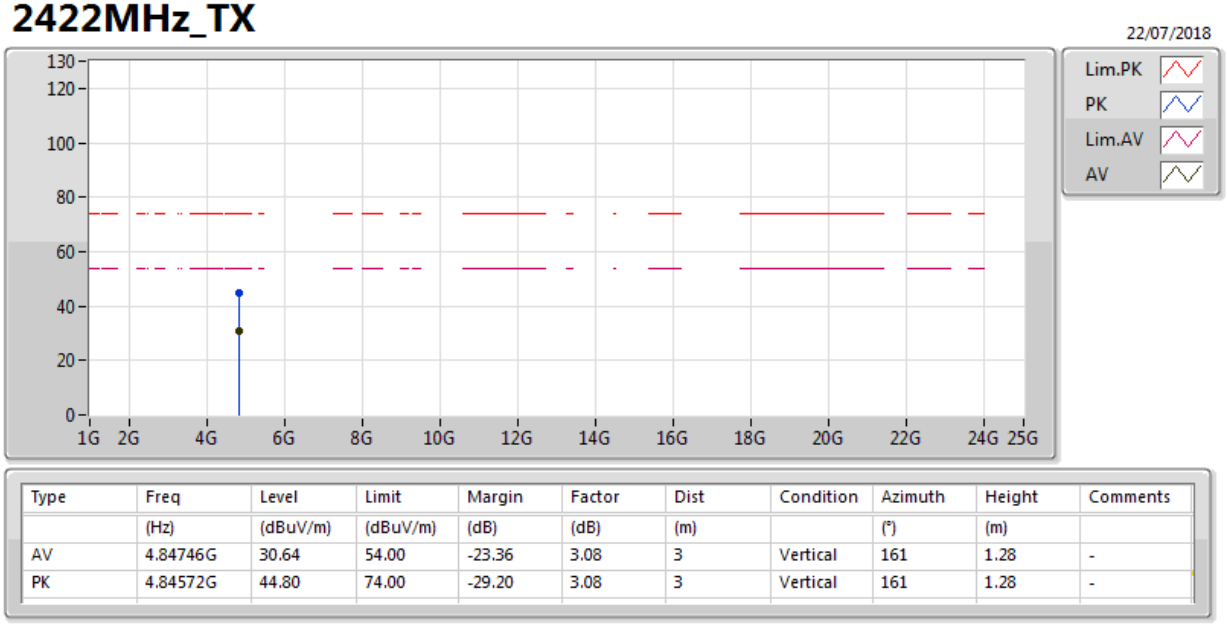
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3888G	45.61	54.00	-8.39	32.27	3	Horizontal	271	1.36	-
AV	2.4148G	77.14	Inf	-Inf	32.36	3	Horizontal	271	1.36	-
AV	2.4984G	44.78	54.00	-9.22	32.67	3	Horizontal	271	1.36	-
PK	2.384G	59.03	74.00	-14.97	32.25	3	Horizontal	271	1.36	-
PK	2.4128G	88.19	Inf	-Inf	32.36	3	Horizontal	271	1.36	-
PK	2.4964G	56.14	74.00	-17.86	32.66	3	Horizontal	271	1.36	-

802.11n HT40_Nss1,(MCS0)_1TX

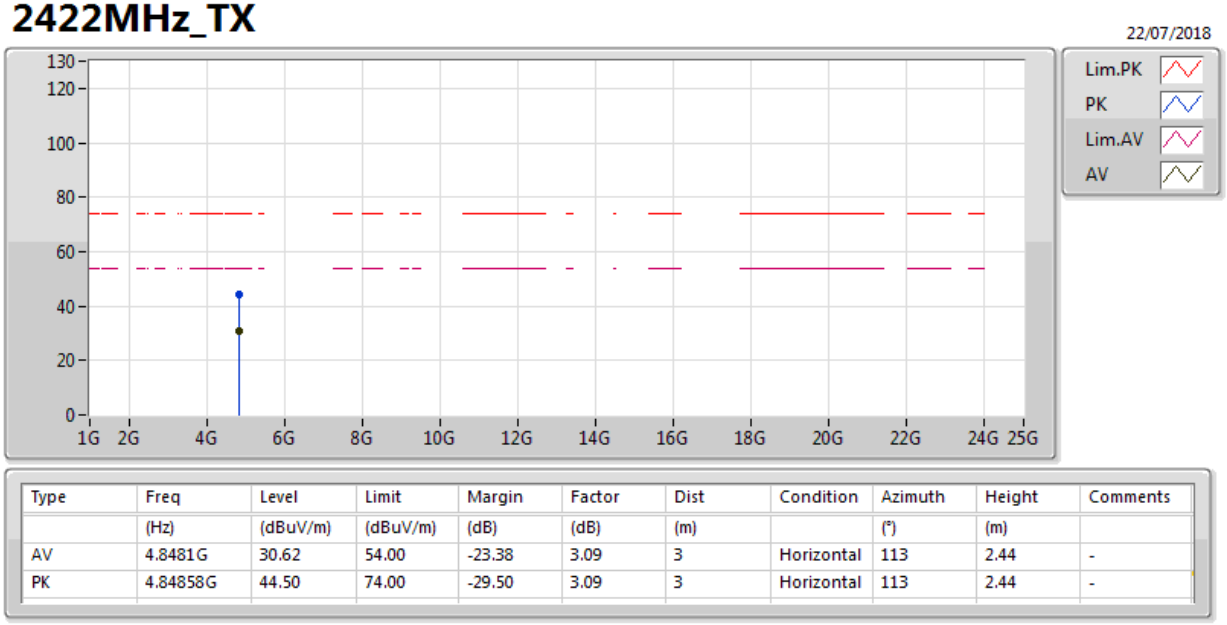
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84746G	30.64	54.00	-23.36	3.08	3	Vertical	161	1.28	-
PK	4.84572G	44.80	74.00	-29.20	3.08	3	Vertical	161	1.28	-

802.11n HT40_Nss1,(MCS0)_1TX

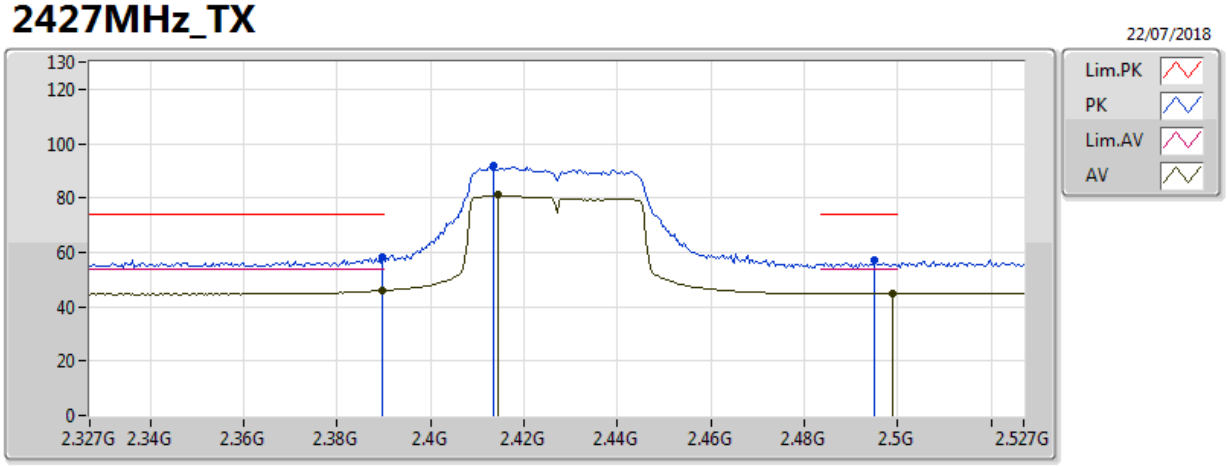
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8481G	30.62	54.00	-23.38	3.09	3	Horizontal	113	2.44	-
PK	4.84858G	44.50	74.00	-29.50	3.09	3	Horizontal	113	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

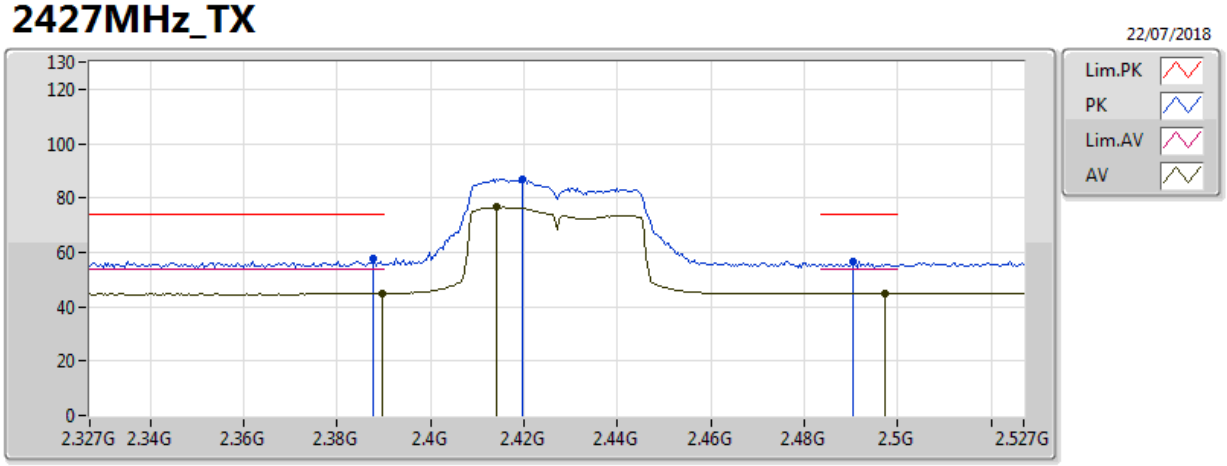
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	46.01	54.00	-7.99	32.28	3	Vertical	171	1.00	-
AV	2.4146G	81.00	Inf	-Inf	32.36	3	Vertical	171	1.00	-
AV	2.499G	44.81	54.00	-9.19	32.67	3	Vertical	171	1.00	-
PK	2.3898G	58.02	74.00	-15.98	32.28	3	Vertical	171	1.00	-
PK	2.4134G	91.96	Inf	-Inf	32.36	3	Vertical	171	1.00	-
PK	2.495G	57.03	74.00	-16.97	32.65	3	Vertical	171	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

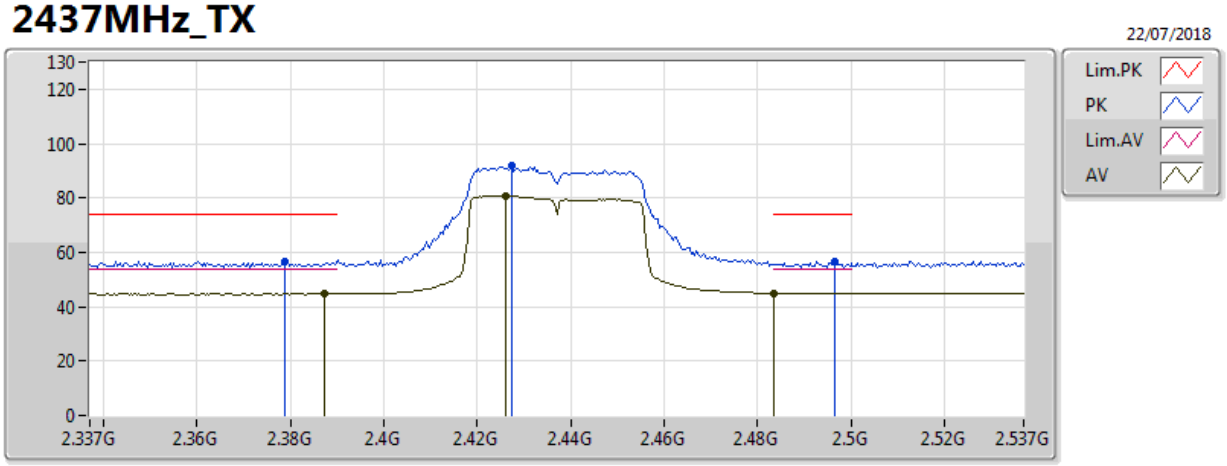
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	45.04	54.00	-8.96	32.28	3	Horizontal	274	1.36	-
AV	2.4142G	76.53	Inf	-Inf	32.36	3	Horizontal	274	1.36	-
AV	2.4974G	44.79	54.00	-9.21	32.66	3	Horizontal	274	1.36	-
PK	2.3878G	57.52	74.00	-16.48	32.27	3	Horizontal	274	1.36	-
PK	2.4198G	86.90	Inf	-Inf	32.38	3	Horizontal	274	1.36	-
PK	2.4906G	56.85	74.00	-17.15	32.64	3	Horizontal	274	1.36	-

802.11n HT40_Nss1,(MCS0)_1TX

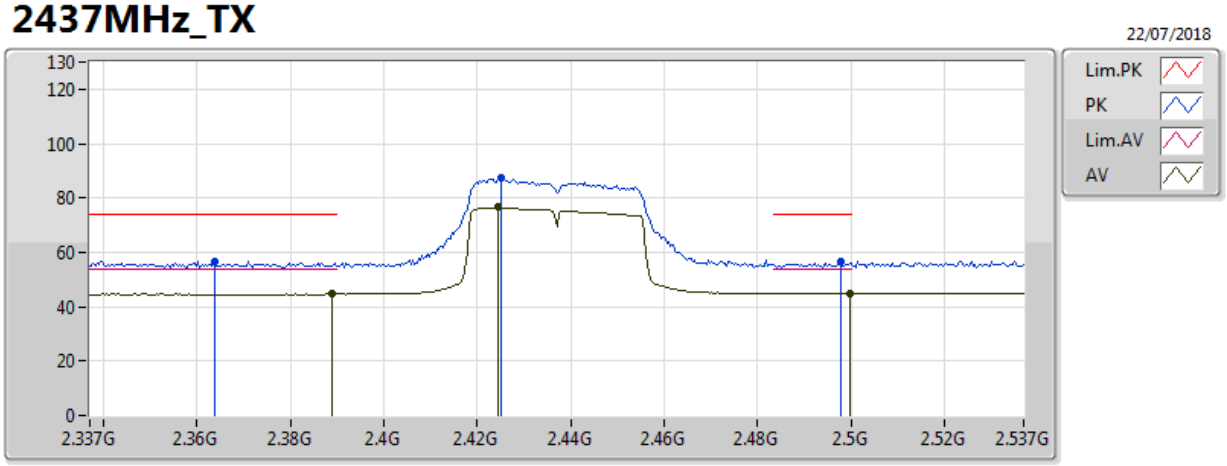
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3874G	44.72	54.00	-9.28	32.26	3	Vertical	219	1.01	-
AV	2.4262G	80.87	Inf	-Inf	32.40	3	Vertical	219	1.01	-
AV	2.483502G	44.89	54.00	-9.11	32.61	3	Vertical	219	1.01	-
PK	2.3786G	56.68	74.00	-17.32	32.23	3	Vertical	219	1.01	-
PK	2.4274G	91.78	Inf	-Inf	32.41	3	Vertical	219	1.01	-
PK	2.4966G	56.86	74.00	-17.14	32.66	3	Vertical	219	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

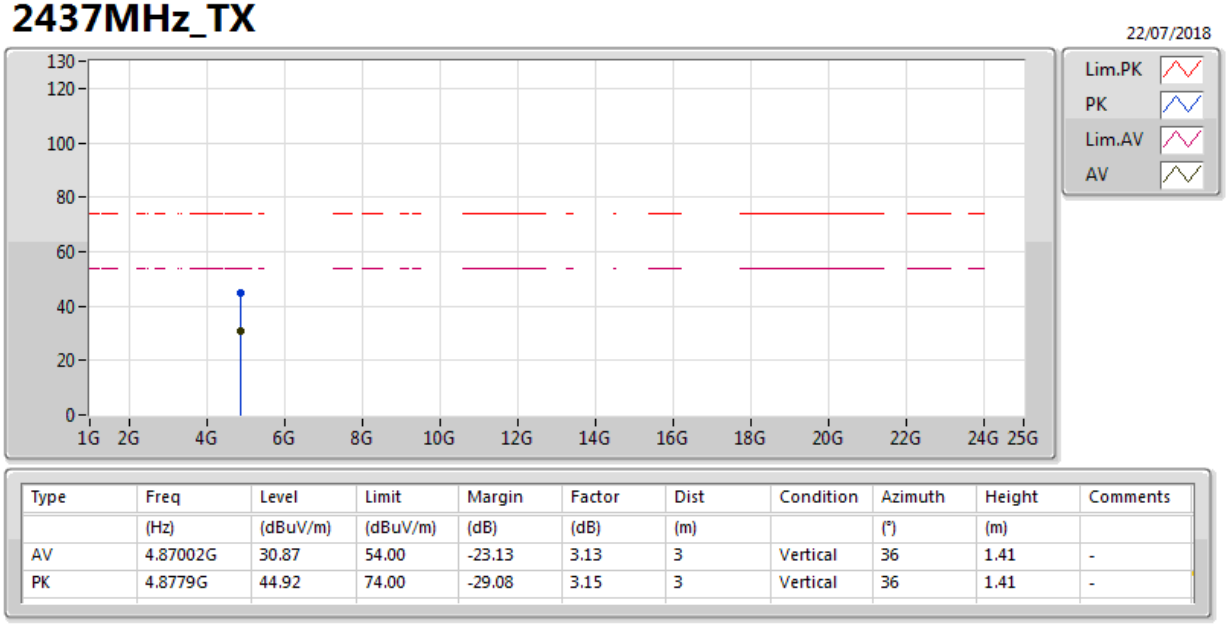
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	44.64	54.00	-9.36	32.27	3	Horizontal	274	1.02	-
AV	2.4246G	76.58	Inf	-Inf	32.40	3	Horizontal	274	1.02	-
AV	2.4998G	44.86	54.00	-9.14	32.67	3	Horizontal	274	1.02	-
PK	2.3638G	56.72	74.00	-17.28	32.18	3	Horizontal	274	1.02	-
PK	2.425G	87.66	Inf	-Inf	32.40	3	Horizontal	274	1.02	-
PK	2.4978G	56.34	74.00	-17.66	32.66	3	Horizontal	274	1.02	-

802.11n HT40_Nss1,(MCS0)_1TX

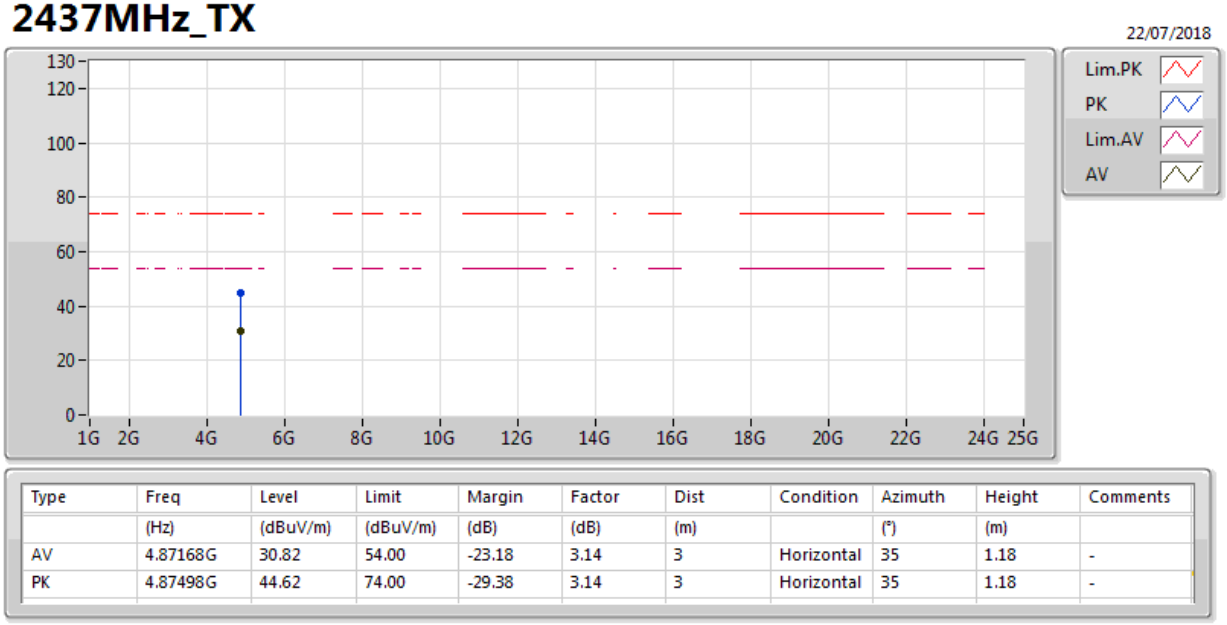
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87002G	30.87	54.00	-23.13	3.13	3	Vertical	36	1.41	-
PK	4.8779G	44.92	74.00	-29.08	3.15	3	Vertical	36	1.41	-

802.11n HT40_Nss1,(MCS0)_1TX

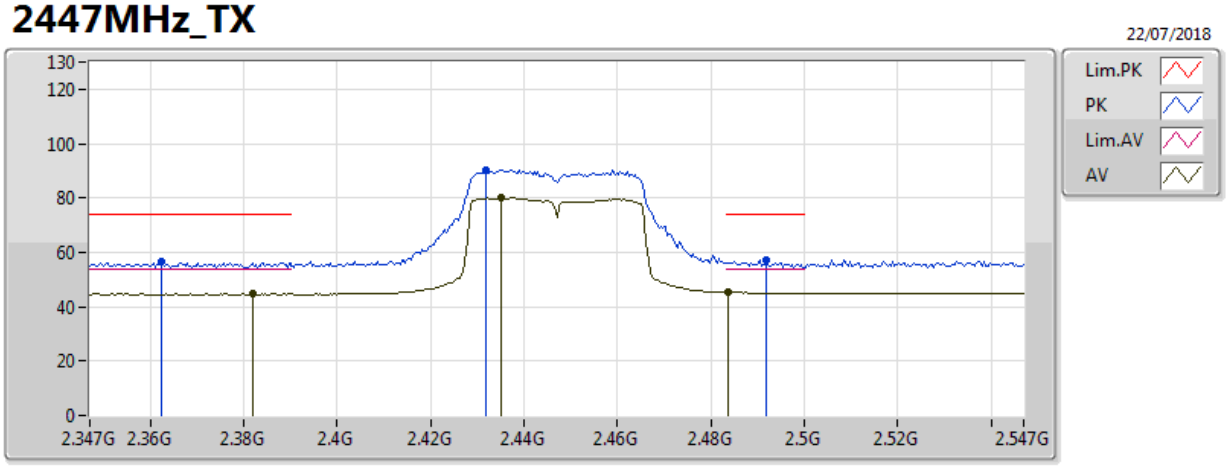
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87168G	30.82	54.00	-23.18	3.14	3	Horizontal	35	1.18	-
PK	4.87498G	44.62	74.00	-29.38	3.14	3	Horizontal	35	1.18	-

802.11n HT40_Nss1,(MCS0)_1TX

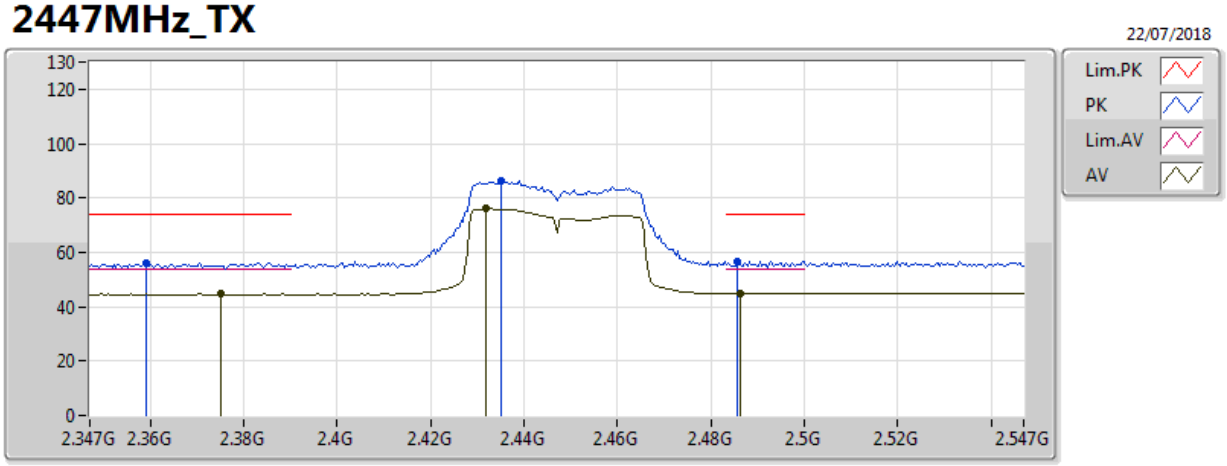
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3818G	44.68	54.00	-9.32	32.25	3	Vertical	214	1.08	-
AV	2.435G	79.91	Inf	-Inf	32.44	3	Vertical	214	1.08	-
AV	2.4838G	45.38	54.00	-8.62	32.61	3	Vertical	214	1.08	-
PK	2.3622G	56.33	74.00	-17.67	32.17	3	Vertical	214	1.08	-
PK	2.4318G	90.25	Inf	-Inf	32.42	3	Vertical	214	1.08	-
PK	2.4918G	56.89	74.00	-17.11	32.64	3	Vertical	214	1.08	-

802.11n HT40_Nss1,(MCS0)_1TX

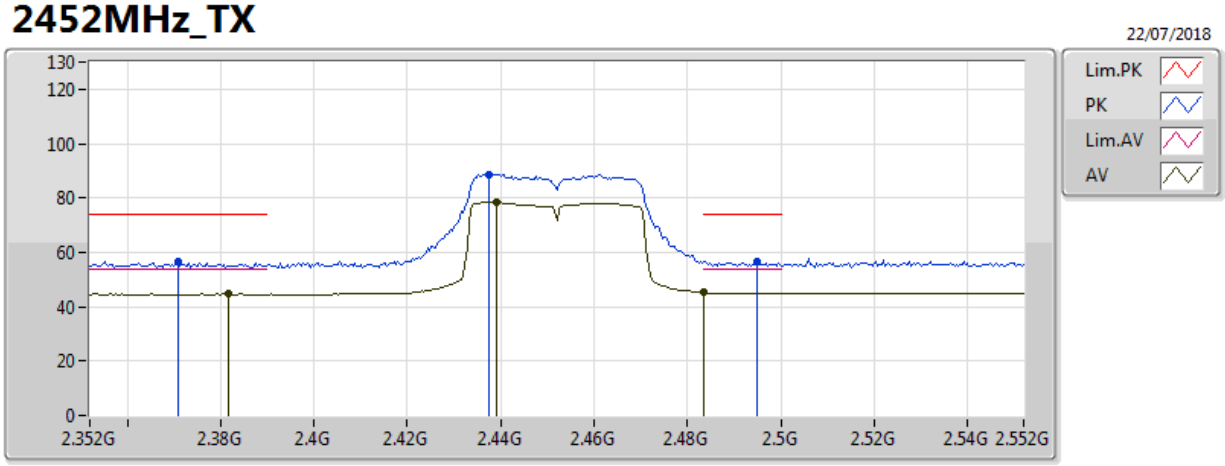
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.375G	44.60	54.00	-9.40	32.22	3	Horizontal	272	1.26	-
AV	2.4318G	75.99	Inf	-Inf	32.42	3	Horizontal	272	1.26	-
AV	2.4862G	44.86	54.00	-9.14	32.62	3	Horizontal	272	1.26	-
PK	2.359G	56.04	74.00	-17.96	32.16	3	Horizontal	272	1.26	-
PK	2.435G	86.23	Inf	-Inf	32.44	3	Horizontal	272	1.26	-
PK	2.4858G	56.73	74.00	-17.27	32.62	3	Horizontal	272	1.26	-

802.11n HT40_Nss1,(MCS0)_1TX

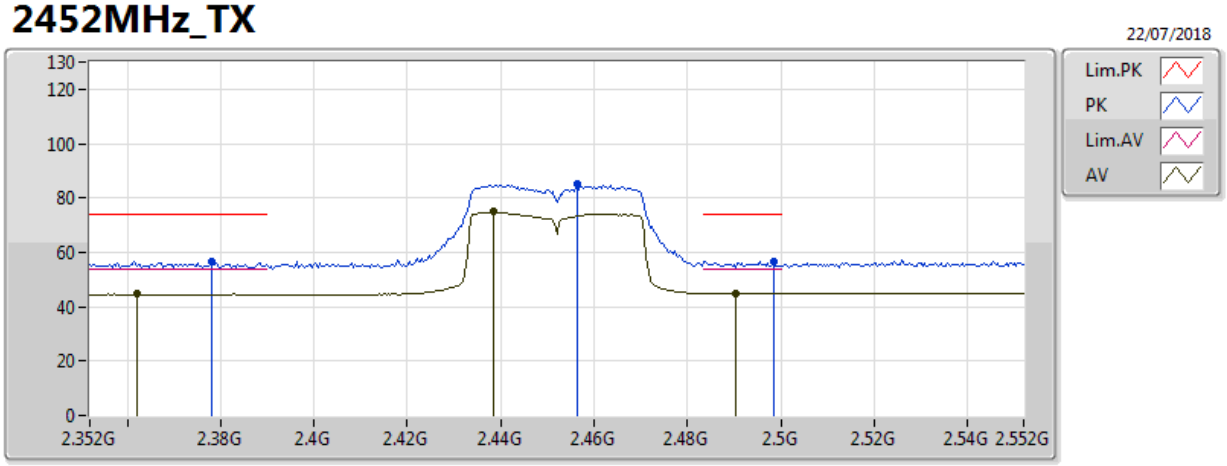
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3816G	44.63	54.00	-9.37	32.25	3	Vertical	217	1.10	-
AV	2.4392G	78.53	Inf	-Inf	32.45	3	Vertical	217	1.10	-
AV	2.483502G	45.22	54.00	-8.78	32.61	3	Vertical	217	1.10	-
PK	2.3708G	56.43	74.00	-17.57	32.20	3	Vertical	217	1.10	-
PK	2.4376G	88.73	Inf	-Inf	32.45	3	Vertical	217	1.10	-
PK	2.4948G	56.55	74.00	-17.45	32.65	3	Vertical	217	1.10	-

802.11n HT40_Nss1,(MCS0)_1TX

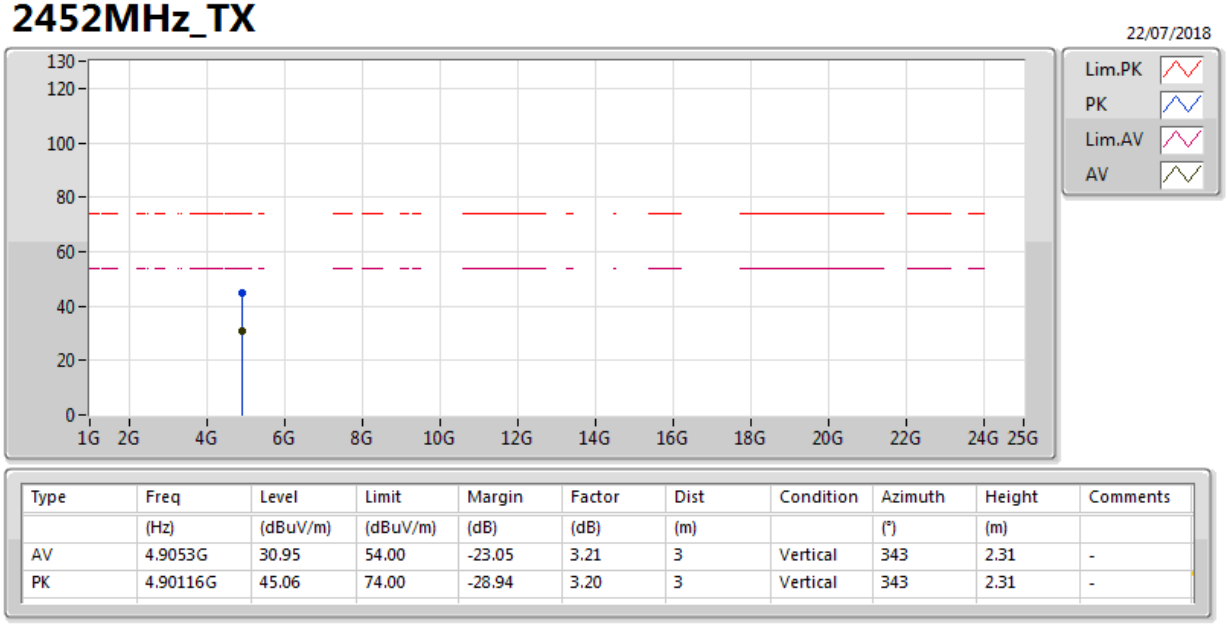
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.362G	44.61	54.00	-9.39	32.17	3	Horizontal	278	1.00	-
AV	2.4384G	74.82	Inf	-Inf	32.45	3	Horizontal	278	1.00	-
AV	2.4904G	44.90	54.00	-9.10	32.64	3	Horizontal	278	1.00	-
PK	2.378G	56.51	74.00	-17.49	32.23	3	Horizontal	278	1.00	-
PK	2.4564G	84.93	Inf	-Inf	32.51	3	Horizontal	278	1.00	-
PK	2.4984G	56.78	74.00	-17.22	32.67	3	Horizontal	278	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

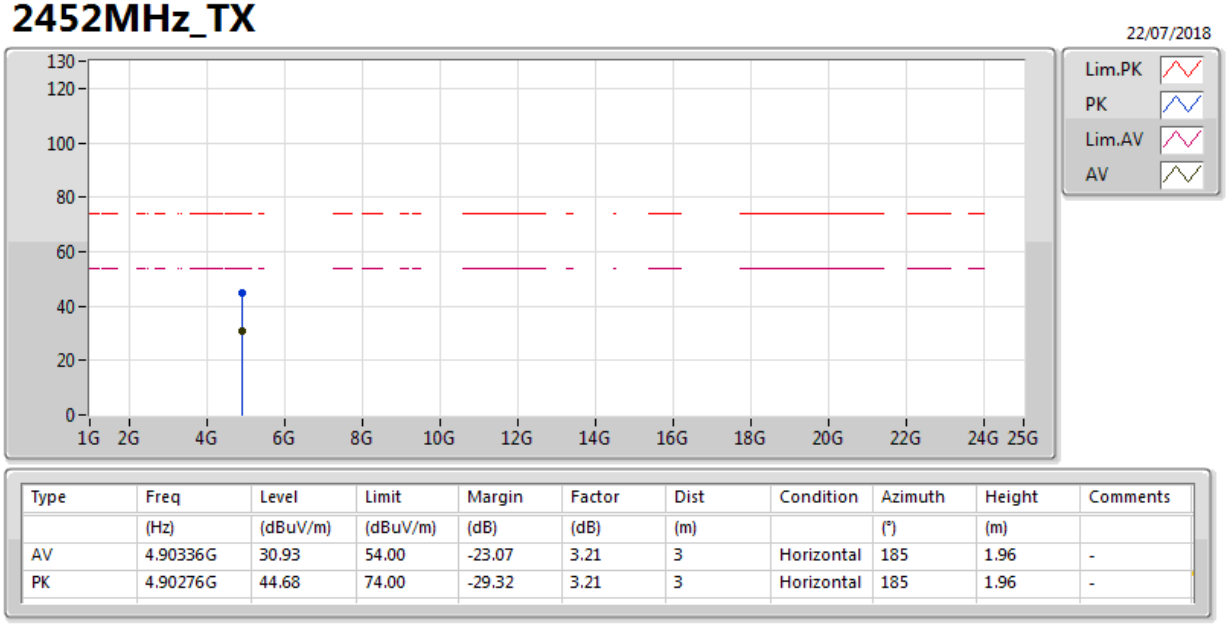
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9053G	30.95	54.00	-23.05	3.21	3	Vertical	343	2.31	-
PK	4.90116G	45.06	74.00	-28.94	3.20	3	Vertical	343	2.31	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90336G	30.93	54.00	-23.07	3.21	3	Horizontal	185	1.96	-
PK	4.90276G	44.68	74.00	-29.32	3.21	3	Horizontal	185	1.96	-