FCC Test Report

FCC ID	:	**L9VPG9182AC**
Equipment	:	**Powerline Ethernet WiFi Adapter, WiFi Powerline**
Brand Name	:	**COMTREND**
Model Name	:	**PG-9182AC, PowerGrid 9082, PG-9082**
Applicant/ Manufacturer	:	**COMTREND Corporation 3F-1, 10 Lane 609, Chung Hsin Road, Section 5, San Chung Dist, New Taipei City 24159, Taiwan**
Factory	:	**1. Intelligent Technology Inc. Yuanhe Three Street , Tongsha Industrial Zone , Dongcheng Area, Dongguan City , Guangdong Province , China.** **2. Datamax Electronics (Dong Guan) Co., Ltd. Niu shan Foreign Economic Industrial park, Dong Cheng District, Dong Guan City, Guang Dong , China.**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Feb. 27, 2018, and testing was started from May 14, 2018 and completed on Nov. 27, 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
FR822701AC	01	Initial issue of report	Nov. 21, 2018
FR822701AC	02	Unwanted Emissions 9kHz~30MHz was evaluated	Nov. 28, 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

Declaration of Conformity:
The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.
Comments and explanations:
None

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)	Channel Number
2400-2483.5	b, g, n (HT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX(Port 1)
2.4-2.4835GHz	802.11g	20	1TX(Port 1)
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	9 8P9QPIPF000	PCB antenna	I-PEX
2	-	9 8P9PPIPF000	PCB antenna	I-PEX

Ant.	Port	Gain (dBi)				
		2.4G	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	2.7	2.15	2.95	278	2.74
2	2	0.91	2.89	2.35	2.17	2.3

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

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

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

For 5GHz function:

For IEEE 802.11 a/an/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 AC Power Supply			
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	0.978	0.097	8.422m	300
802.11g	0.875	0.58	1.4m	1k
802.11n HT20	0.869	0.61	1.313m	1k
802.11n HT40	0.752	1.238	653.125u	3k

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
COMTREND	PG-9182AC	All the models are identical, the difference model for difference brand served as marketing strategy.
COMTREND	PowerGrid 9082	
COMTREND	PG-9082	

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
- KDB 662911 D01 v02r01

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	Kevin	25°C / 50%	14/May/2018
RF Conducted	TH01-HY	Barry	23.4°C / 65%	26/Jun/2018
Radiated	03CH09-HY	Andy	23.8°C / 57%	30/Jun/2018
Radiated (co-location)	03CH09-HY	Andy	24.3°C / 55%	02/Nov/2018
Radiated (9k~30MHz)	03CH09-HY	Andy	25.2°C / 58%	27/Nov/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

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	26
2417MHz	32
2422MHz	34
2427MHz	35
2437MHz	35
2452MHz	35
2457MHz	32
2462MHz	28
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	18
2417MHz	25
2422MHz	30
2427MHz	34
2432MHz	35
2437MHz	35
2447MHz	35
2452MHz	31
2457MHz	28
2462MHz	18

Mode	PowerSetting
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	16,13
2417MHz	28,26
2422MHz	32,30
2427MHz	35,35
2437MHz	35,35
2452MHz	35,35
2457MHz	33,33
2462MHz	17,17
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	9,7
2427MHz	12,11
2432MHz	16,15
2437MHz	18,18
2442MHz	18,18
2447MHz	17,17
2452MHz	14,14

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	AC Power Supply 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	AC Power Supply mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz +WLAN 5GHz
Refer to Sporton Test Report No.: FA822701 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Accessories

Accessories		
RJ45 Cable	**In/Out door**	In door
	Cable	1.8 meter, Non-Shielded cable

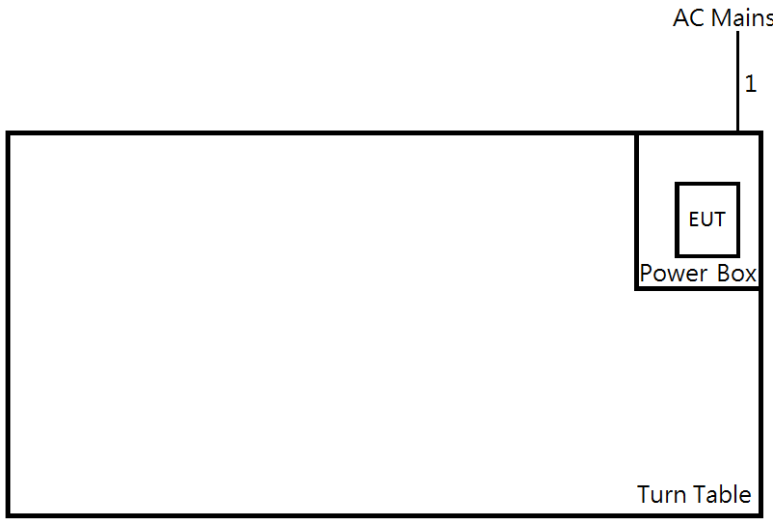
Reminder: Regarding to more detail and other information, please refer to user manual.

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

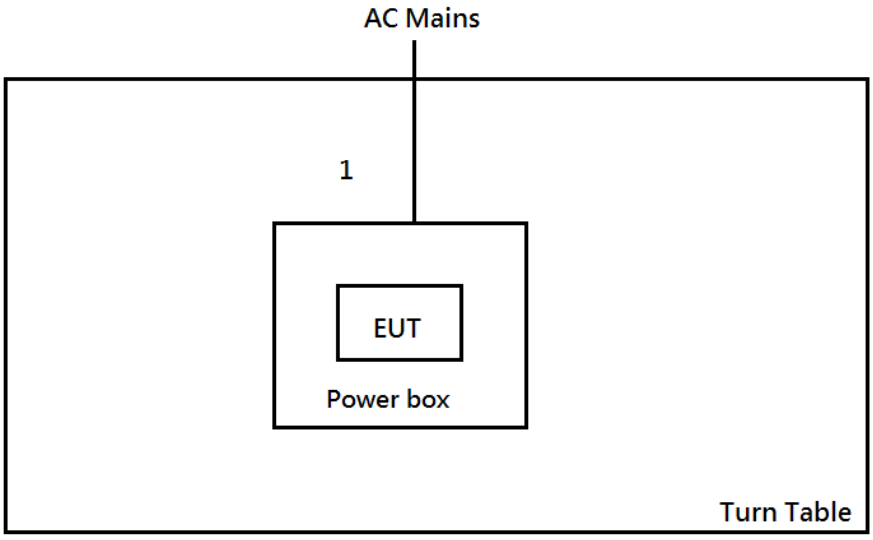
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	AC Power line	No	1.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	AC Power Line	No	1.5m

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

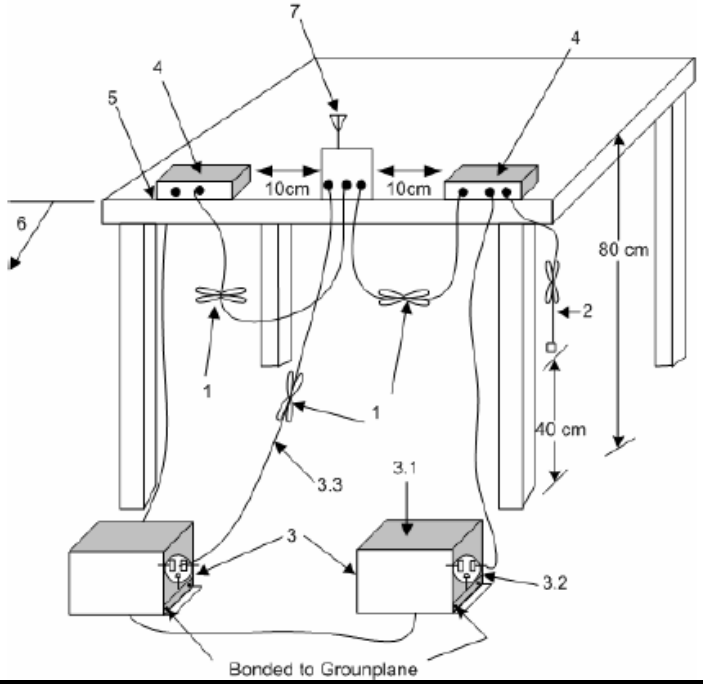
Refer a test equipment and calibration data table in this test report.

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.

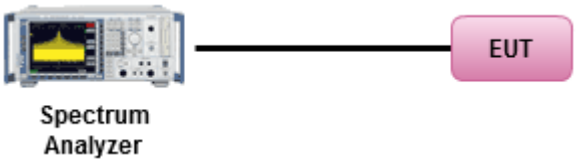
3.2.2 Measuring Instruments

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} ≤ 6 dBi, then P_{Out} ≤ 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 + 8dB dBm
e.i.r.p. Power Limit:		
▪ 2400-2483.5 MHz Band		
	▪ Point-to-multipoint systems (P2M): P_{eirp} ≤ 36 dBm (4 W)	
	▪ Point-to-point systems (P2P): P_{eirp} ≤ MAX(36, [P_{Out} + G_{TX}]) dBm	
	▪ Smart antenna system (SAS)	
		- Single beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm
		- Overlap beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm
		- Aggregate power on all beams: P_{eirp} ≤ 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

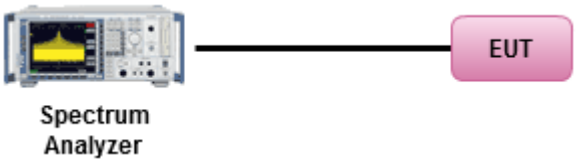
3.4.2 Measuring Instruments

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.	

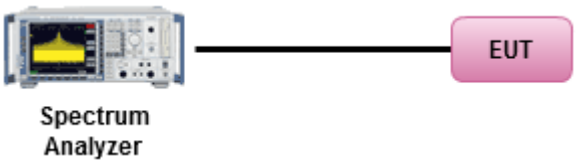
3.5.2 Measuring Instruments

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

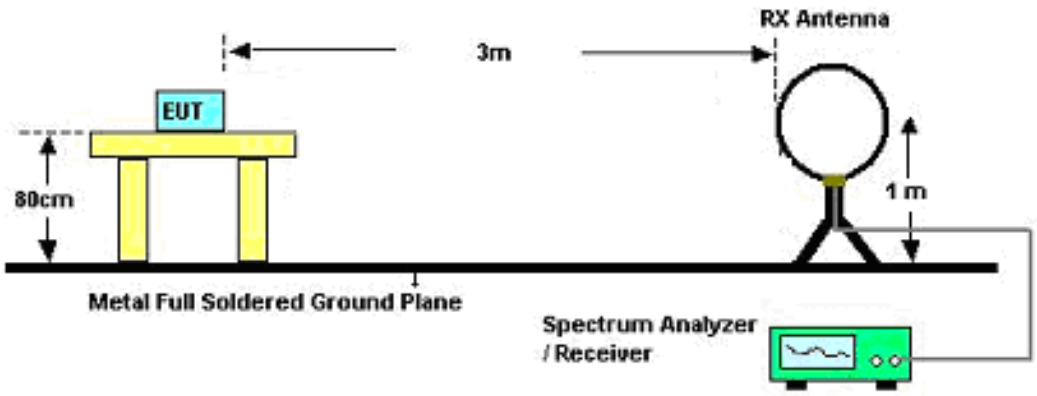
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

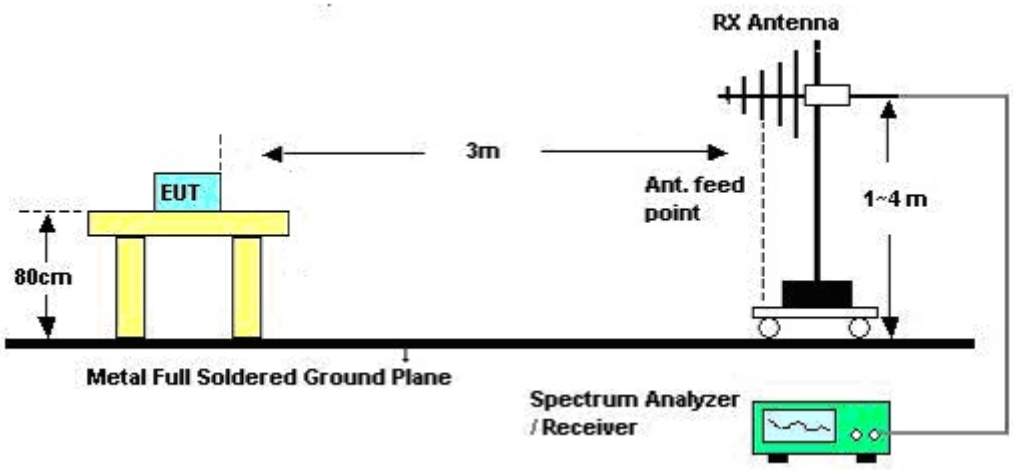
Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted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

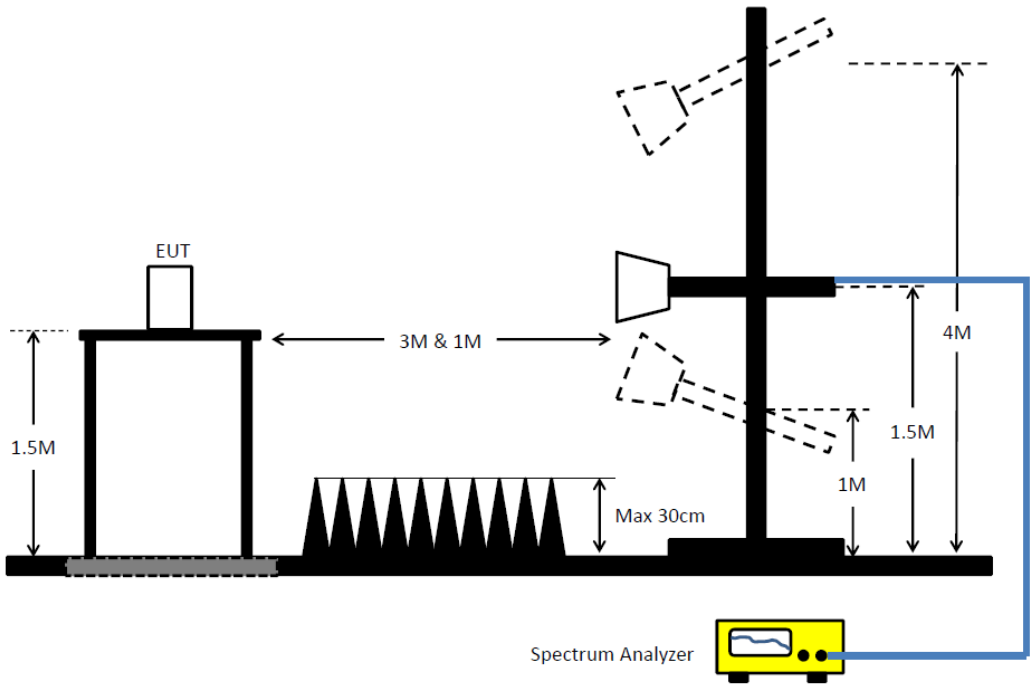
Emissions in Restricted Frequency Bands
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Test Result of Emissions in Restricted Frequency Bands

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	ESCS30	838251/003	9KHz ~ 2.75GHz	13/Jun/2017	12/Jun/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	0761183202000 1	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
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz~26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10712/4	30MHz~26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz~26.5GHz	25/Aug/2017	24/Aug/2018

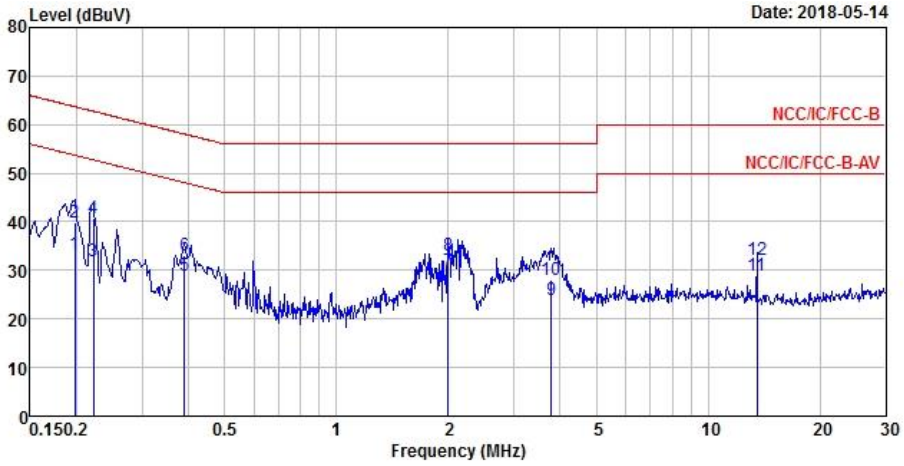
Instrument for Radiated Test (co-location)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz	25/Apr/2017	24/Apr/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz	20/Jun/2017	19/Jun/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	25/Apr/2017	24/Apr/2018
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	20/Jul/2017	19/Jul/2018
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	24/Aug/2017	23/Aug/2018
Loop Antenna	TESEQ	HLA 6120	31244	9k~30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz~1GHz	01/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz~40GHz	14/Mar/2018	13/Mar/2019

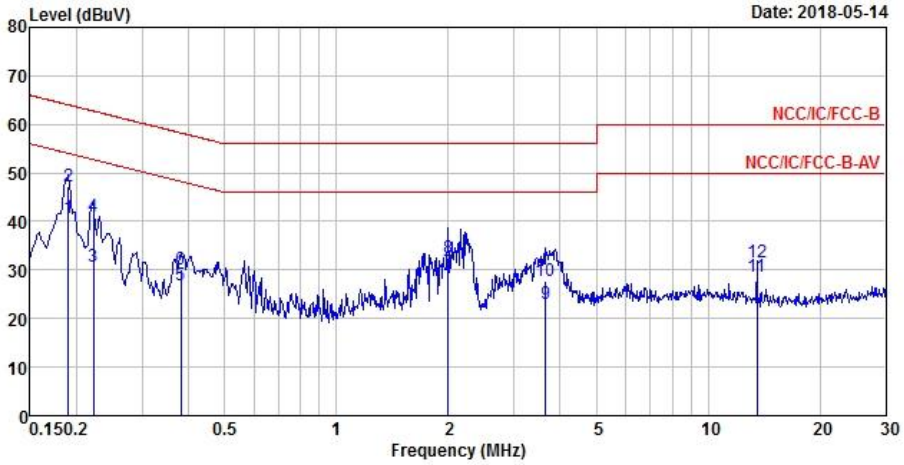
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	AC Power Supply mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.20	33.48	-20.23	53.71	23.86	9.62	0.00	Average
2	0.20	39.87	-23.84	63.71	30.25	9.62	0.00	QP
3	0.22	31.79	-20.95	52.74	22.16	9.62	0.01	Average
4	0.22	40.73	-22.01	62.74	31.10	9.62	0.01	QP
5	0.39	28.94	-19.14	48.08	19.23	9.61	0.10	Average
6	0.39	33.08	-25.00	58.08	23.37	9.61	0.10	QP
7 MAX	2.00	29.76	-16.24	46.00	20.13	9.63	0.00	Average
8	2.00	33.19	-22.81	56.00	23.56	9.63	0.00	QP
9	3.78	23.91	-22.09	46.00	14.19	9.64	0.08	Average
10	3.78	28.03	-27.97	56.00	18.31	9.64	0.08	QP
11	13.56	28.91	-21.09	50.00	19.16	9.70	0.05	Average
12	13.56	32.04	-27.96	60.00	22.29	9.70	0.05	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	AC Power Supply mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.19	40.81	-13.21	54.02	31.18	9.62	0.01	Average
2	0.19	47.22	-16.80	64.02	37.59	9.62	0.01	QP
3	0.22	30.71	-22.03	52.74	21.08	9.62	0.01	Average
4	0.22	41.04	-21.70	62.74	31.41	9.62	0.01	QP
5	0.38	26.79	-21.46	48.25	17.09	9.61	0.09	Average
6	0.38	30.17	-28.08	58.25	20.47	9.61	0.09	QP
7	2.00	29.51	-16.49	46.00	19.89	9.62	0.00	Average
8	2.00	32.40	-23.60	56.00	22.78	9.62	0.00	QP
9	3.66	23.14	-22.86	46.00	13.43	9.63	0.08	Average
10	3.66	27.68	-28.32	56.00	17.97	9.63	0.08	QP
11	13.56	28.75	-21.25	50.00	19.06	9.64	0.05	Average
12	13.56	31.63	-28.37	60.00	21.94	9.64	0.05	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	10.075M	14.218M	14M2G1D	9.975M	12.544M
802.11g_Nss1,(6Mbps)_1TX	16.35M	22.089M	22M1D1D	16.325M	16.517M
802.11n HT20_Nss1,(MCS0)_2TX	17.275M	19.49M	19M5D1D	17.05M	17.616M
802.11n HT40_Nss1,(MCS0)_2TX	36.35M	36.382M	36M4D1D	35.5M	36.232M

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

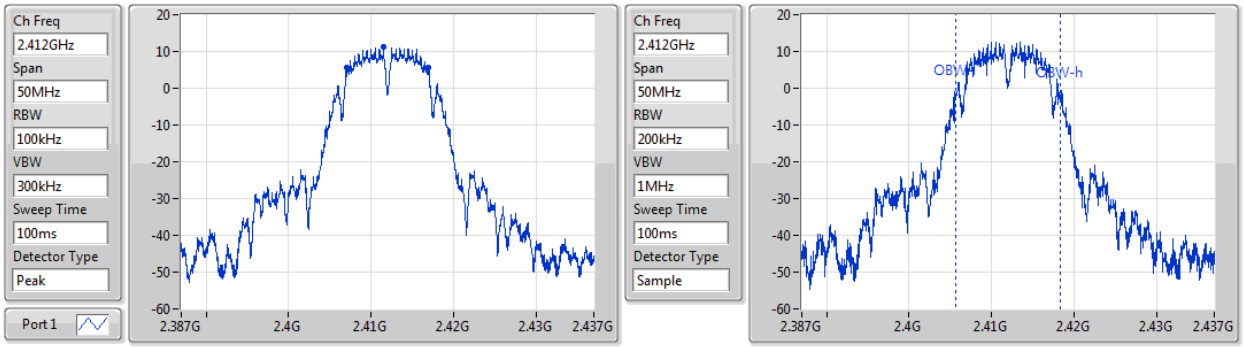
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.975M	12.544M		
2437MHz	Pass	500k	10.075M	14.218M		
2462MHz	Pass	500k	10.05M	12.869M		
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.567M		
2437MHz	Pass	500k	16.35M	22.089M		
2462MHz	Pass	500k	16.325M	16.517M		
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.05M	17.616M	17.275M	17.641M
2437MHz	Pass	500k	17.05M	18.441M	17.075M	19.49M
2462MHz	Pass	500k	17.275M	17.616M	17.075M	17.641M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.35M	36.332M	36.25M	36.332M
2437MHz	Pass	500k	36.3M	36.232M	35.5M	36.332M
2452MHz	Pass	500k	36.3M	36.282M	36M	36.382M

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

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

26/06/2018

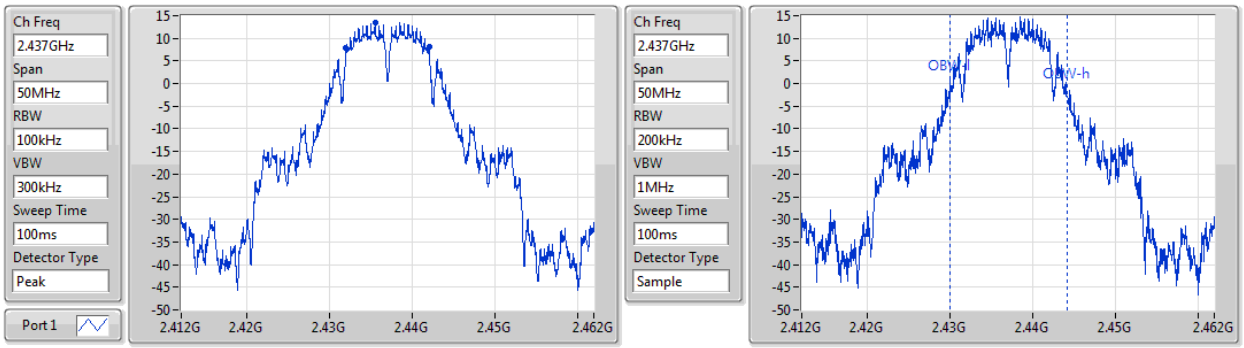


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.975M	2.407025G	2.417G	12.544M	2.405728G	2.418272G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

26/06/2018

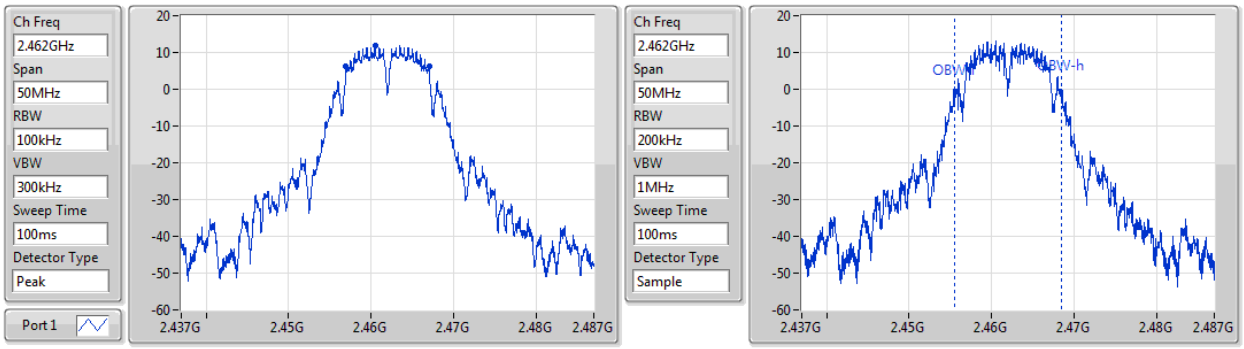


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.075M	2.431975G	2.44205G	14.218M	2.429904G	2.444121G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2462MHz

26/06/2018



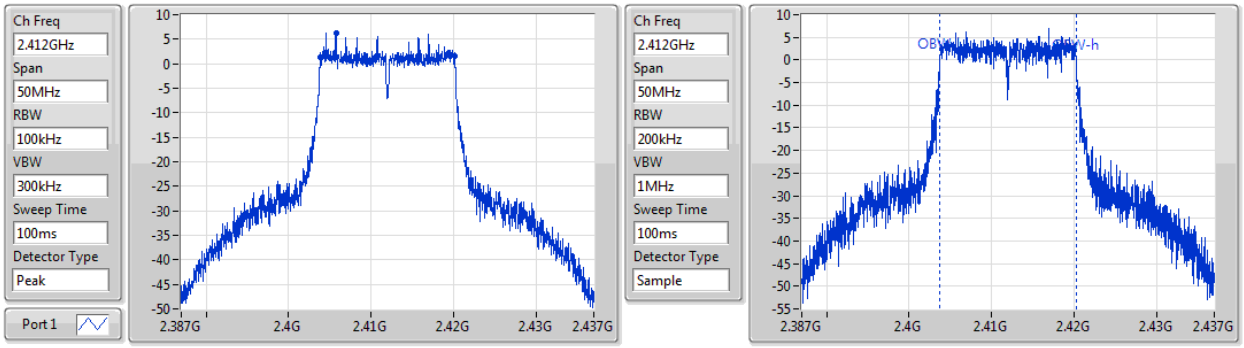
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.456975G	2.467025G	12.869M	2.455578G	2.468447G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

26/06/2018



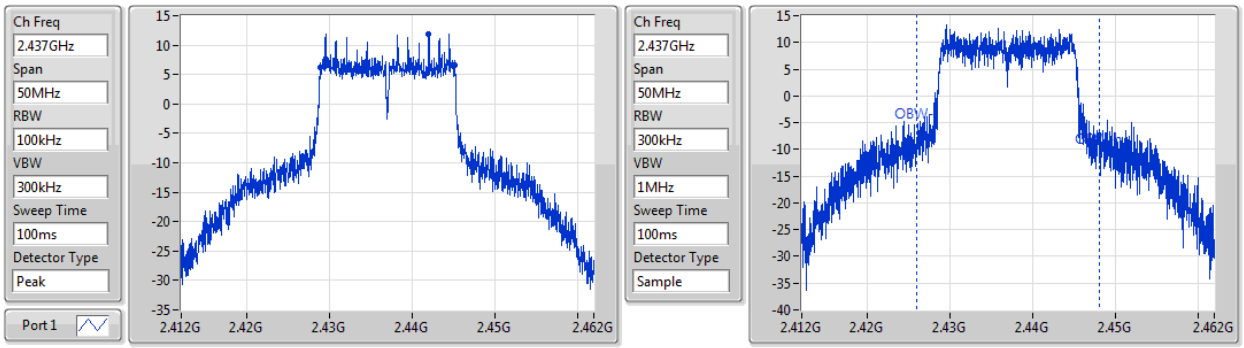
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.40385G	2.420175G	16.567M	2.403704G	2.420271G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

26/06/2018



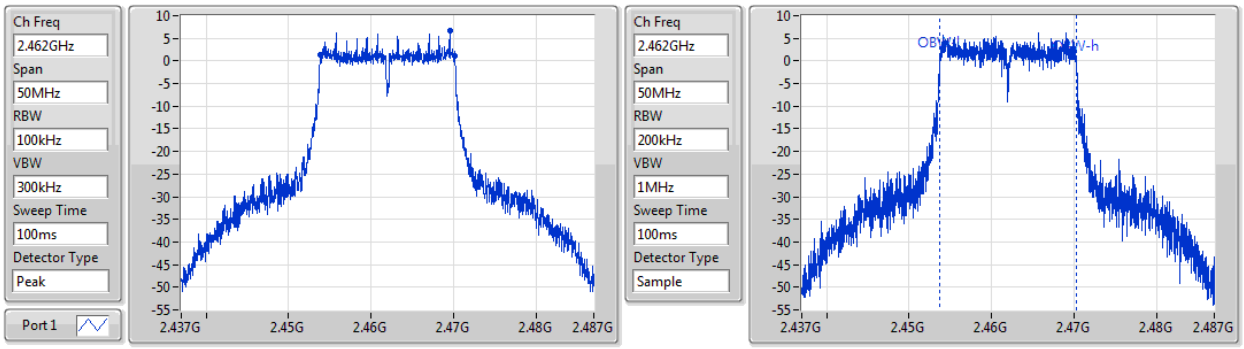
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.428825G	2.445175G	22.089M	2.425956G	2.448044G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

26/06/2018

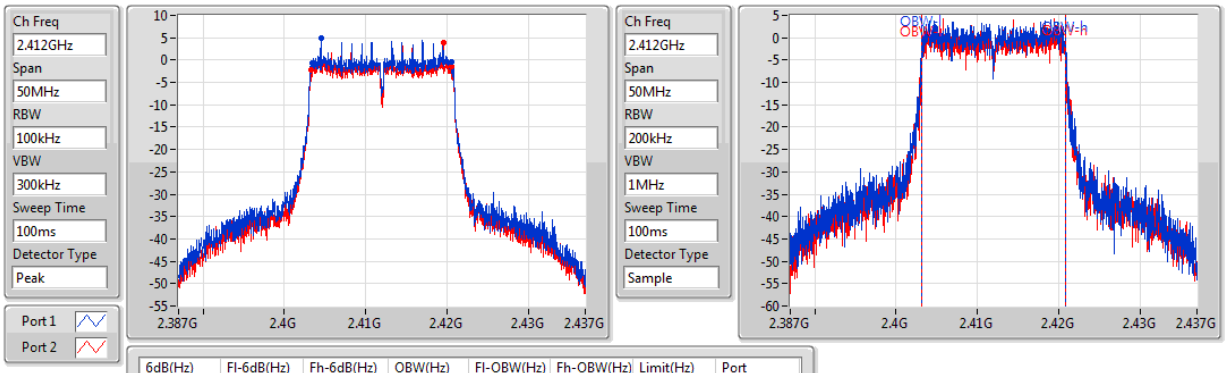


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.45385G	2.470175G	16.517M	2.453754G	2.470271G	500k	1

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

2412MHz

26/06/2018

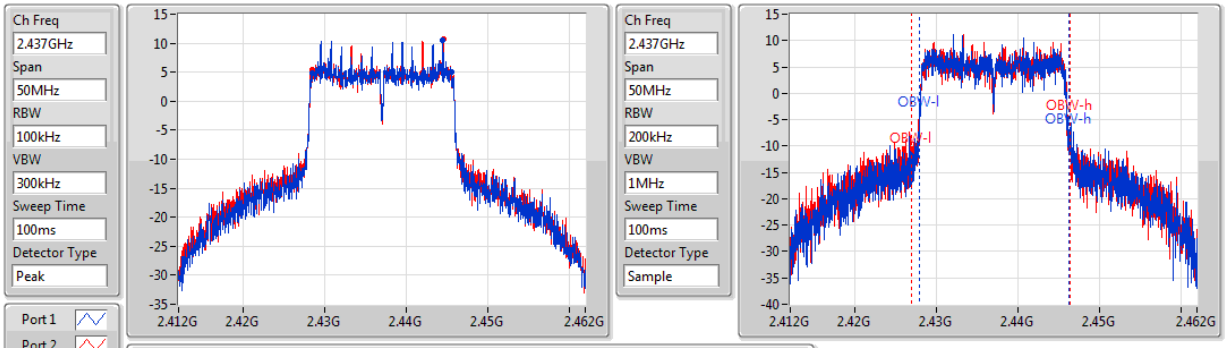


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.05M	2.403475G	2.420525G	17.616M	2.403204G	2.420821G	500k	1
17.275M	2.40325G	2.420525G	17.641M	2.403179G	2.420821G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

2437MHz

26/06/2018

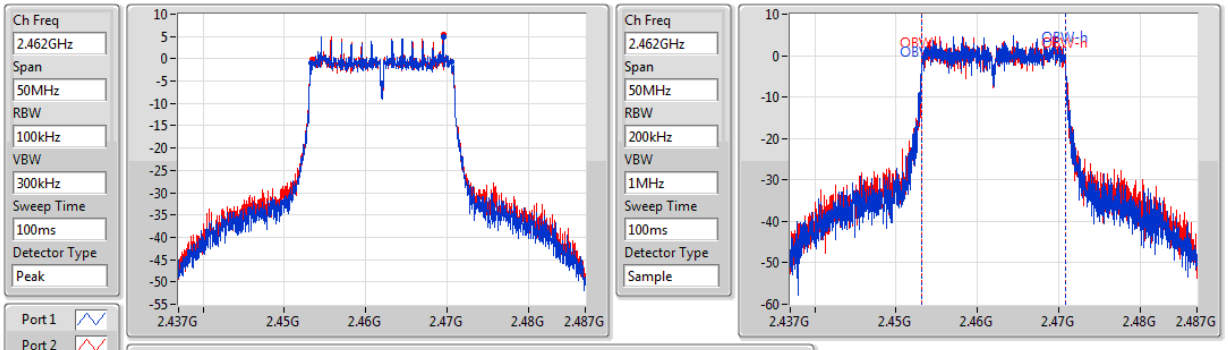


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.05M	2.428475G	2.445525G	18.441M	2.42783G	2.44627G	500k	1
17.075M	2.428475G	2.44555G	19.49M	2.426955G	2.446445G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

2462MHz

26/06/2018

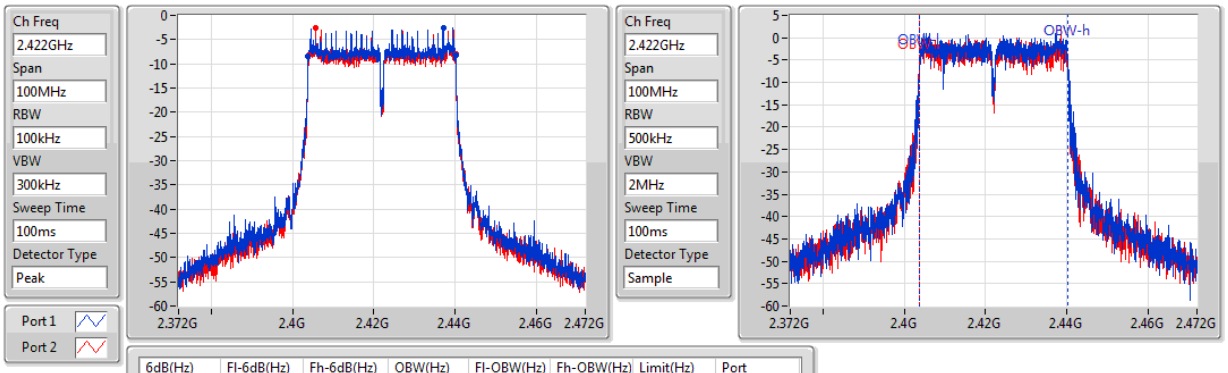


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	2.453275G	2.47055G	17.616M	2.453179G	2.470796G	500k	1
17.075M	2.453475G	2.47055G	17.641M	2.453179G	2.470821G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX **EBW**

2422MHz

26/06/2018

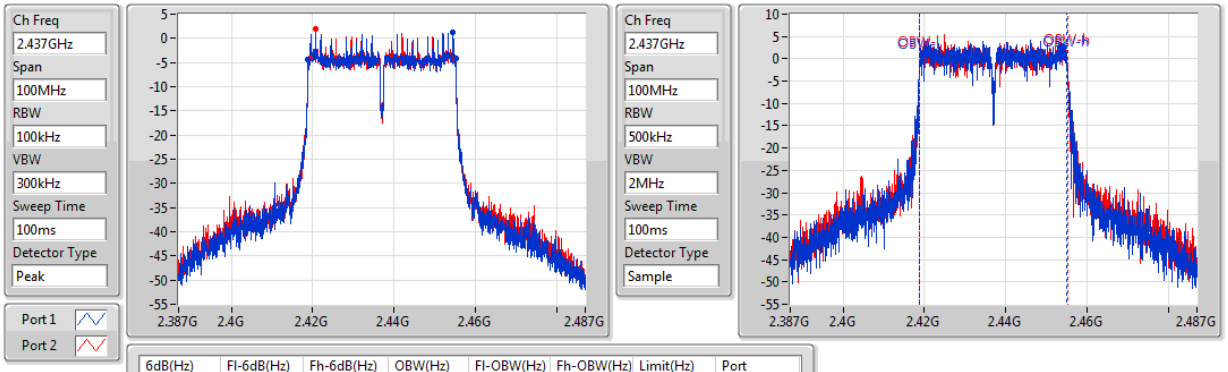


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.40385G	2.4402G	36.332M	2.403859G	2.440191G	500k	1
36.25M	2.4039G	2.44015G	36.332M	2.403859G	2.440191G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX **EBW**

2437MHz

26/06/2018

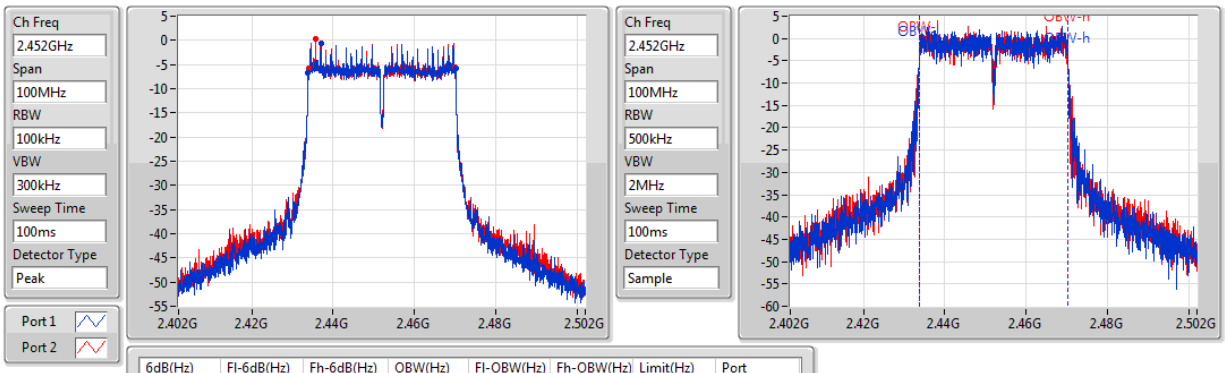


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.232M	2.418859G	2.455091G	500k	1
35.5M	2.41935G	2.45485G	36.332M	2.418809G	2.455141G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX **EBW**

2452MHz

26/06/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.282M	2.433859G	2.470141G	500k	1
36M	2.4339G	2.4699G	36.382M	2.433809G	2.470191G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	23.80	0.23988
802.11g_Nss1,(6Mbps)_1TX	22.43	0.17498
802.11n HT20_Nss1,(MCS0)_2TX	24.08	0.25586
802.11n HT40_Nss1,(MCS0)_2TX	18.31	0.06776

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.70	21.39		21.39	30.00
2417MHz	Pass	2.70	23.23		23.23	30.00
2422MHz	Pass	2.70	23.65		23.65	30.00
2427MHz	Pass	2.70	23.80		23.80	30.00
2437MHz	Pass	2.70	23.77		23.77	30.00
2452MHz	Pass	2.70	23.58		23.58	30.00
2457MHz	Pass	2.70	22.93		22.93	30.00
2462MHz	Pass	2.70	21.94		21.94	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.70	17.55		17.55	30.00
2417MHz	Pass	2.70	19.86		19.86	30.00
2422MHz	Pass	2.70	21.10		21.10	30.00
2427MHz	Pass	2.70	22.22		22.22	30.00
2432MHz	Pass	2.70	22.43		22.43	30.00
2437MHz	Pass	2.70	22.01		22.01	30.00
2447MHz	Pass	2.70	22.38		22.38	30.00
2452MHz	Pass	2.70	21.08		21.08	30.00
2457MHz	Pass	2.70	20.48		20.48	30.00
2462MHz	Pass	2.70	17.22		17.22	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.70	15.56	14.48	18.06	30.00
2417MHz	Pass	2.70	19.64	18.98	22.33	30.00
2422MHz	Pass	2.70	20.22	19.67	22.96	30.00
2427MHz	Pass	2.70	21.04	21.09	24.08	30.00
2437MHz	Pass	2.70	20.87	20.95	23.92	30.00
2452MHz	Pass	2.70	20.89	20.86	23.89	30.00
2457MHz	Pass	2.70	20.16	20.15	23.17	30.00
2462MHz	Pass	2.70	15.67	15.51	18.60	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.70	11.50	10.85	14.20	30.00
2427MHz	Pass	2.70	12.33	12.53	15.44	30.00
2432MHz	Pass	2.70	14.61	13.78	17.23	30.00
2437MHz	Pass	2.70	15.05	14.83	17.95	30.00
2442MHz	Pass	2.70	15.34	15.25	18.31	30.00
2447MHz	Pass	2.70	14.23	14.33	17.29	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2452MHz	Pass	2.70	12.90	13.06	15.99	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	-0.74
802.11g_Nss1,(6Mbps)_1TX	-6.20
802.11n HT20_Nss1,(MCS0)_2TX	-4.27
802.11n HT40_Nss1,(MCS0)_2TX	-13.27

RBW=3kHz.

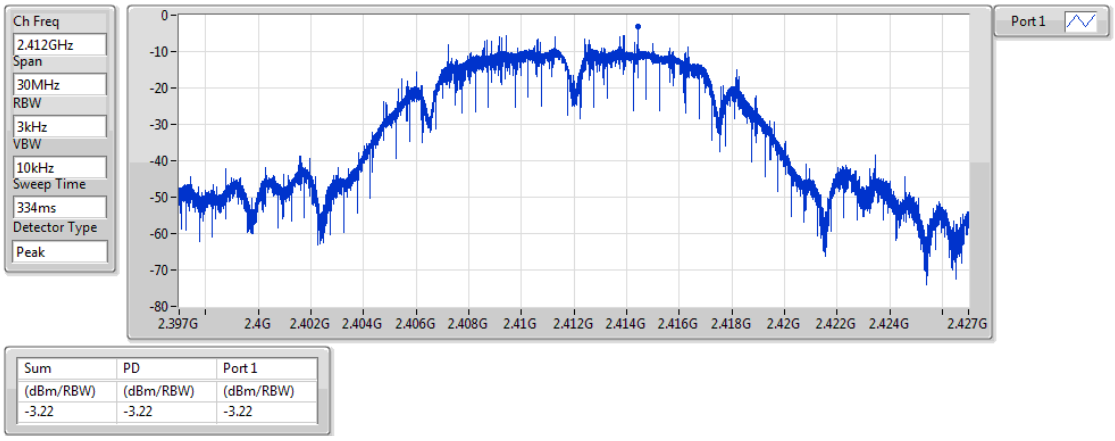
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.70	-3.22		-3.22	8.00
2437MHz	Pass	2.70	-0.74		-0.74	8.00
2462MHz	Pass	2.70	-3.31		-3.31	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.70	-10.50		-10.50	8.00
2437MHz	Pass	2.70	-6.20		-6.20	8.00
2462MHz	Pass	2.70	-10.64		-10.64	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.71	-12.26	-13.05	-11.08	8.00
2437MHz	Pass	5.71	-5.20	-7.26	-4.27	8.00
2462MHz	Pass	5.71	-12.41	-11.34	-9.29	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.71	-18.32	-18.39	-16.23	8.00
2437MHz	Pass	5.71	-14.91	-14.57	-13.27	8.00
2452MHz	Pass	5.71	-16.87	-17.68	-14.81	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**

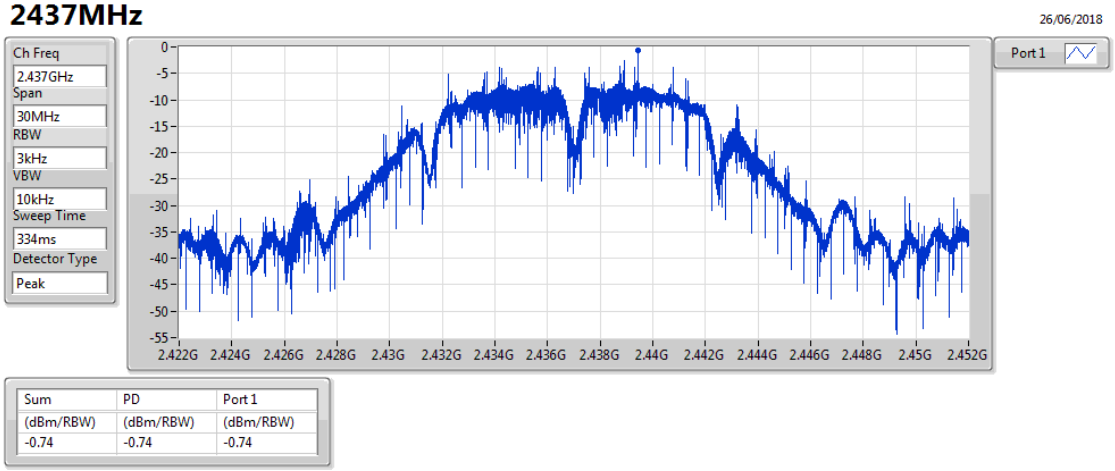
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.22	-3.22	-3.22

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

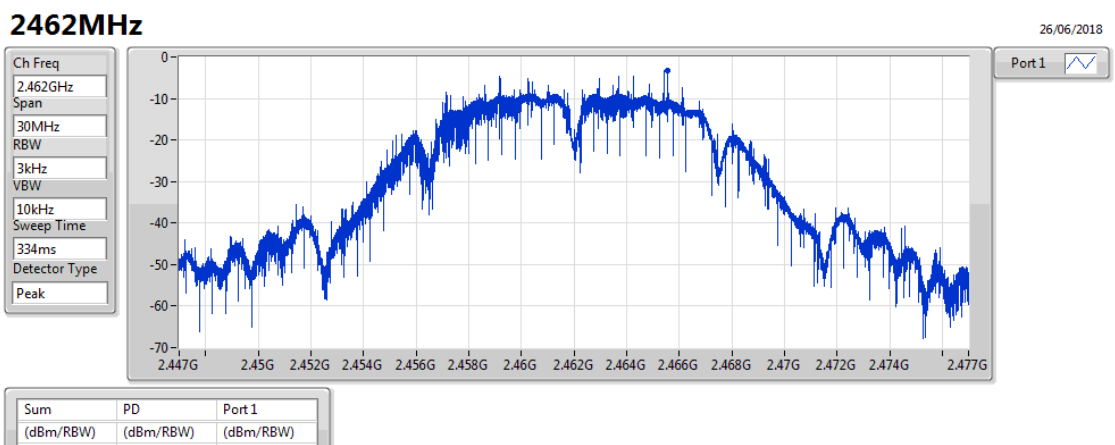
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.74	-0.74	-0.74

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

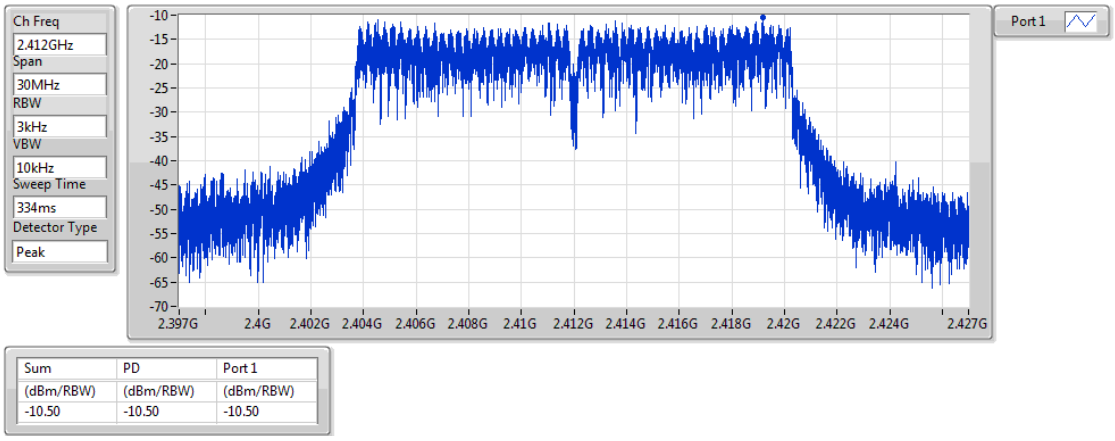
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.31	-3.31	-3.31

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

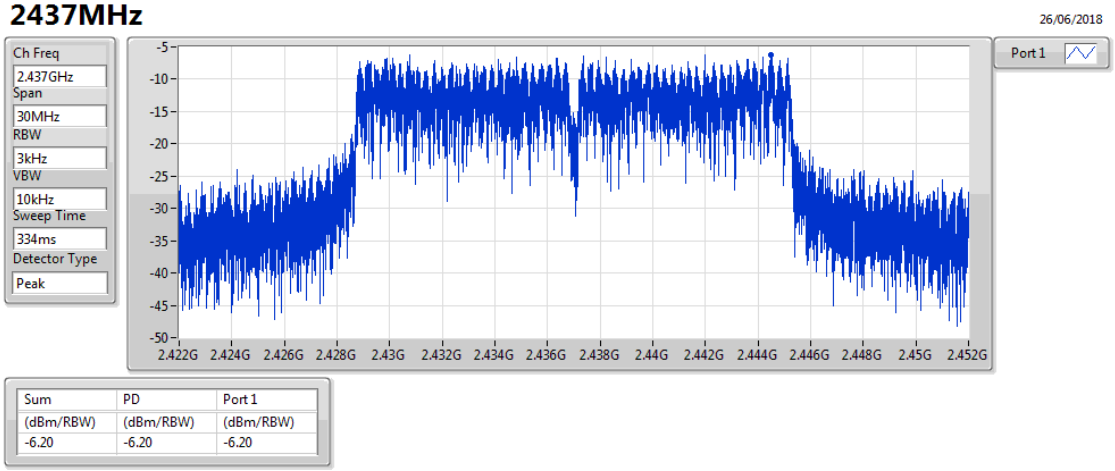
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.50	-10.50	-10.50

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

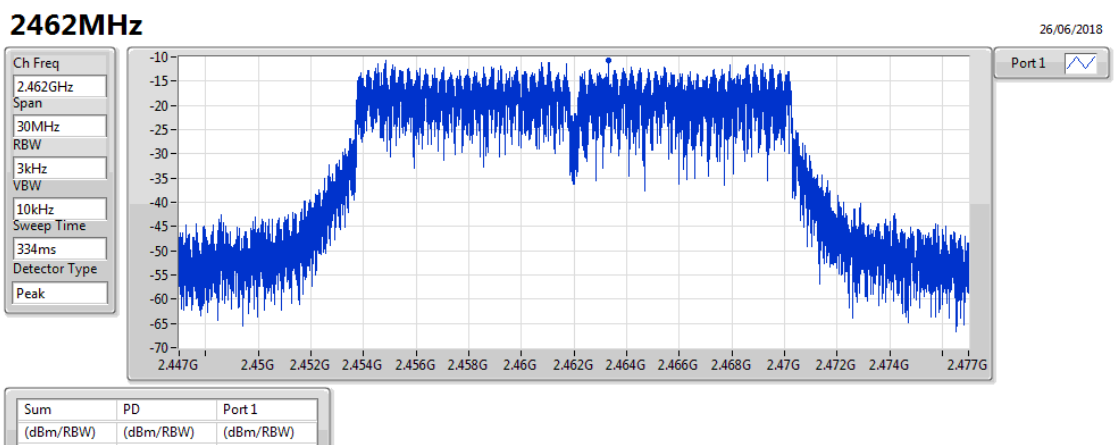
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.20	-6.20	-6.20

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

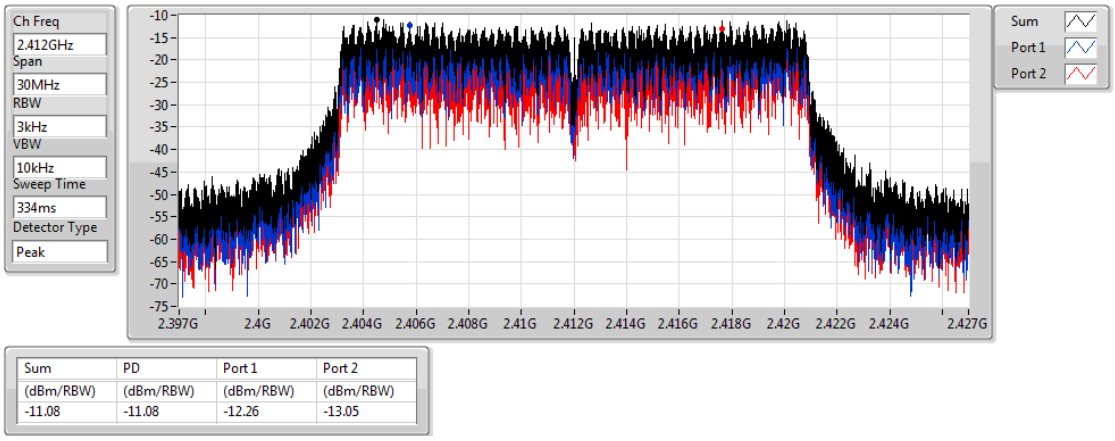
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.64	-10.64	-10.64

802.11n HT20_Nss1,(MCS0)_2TX PSD

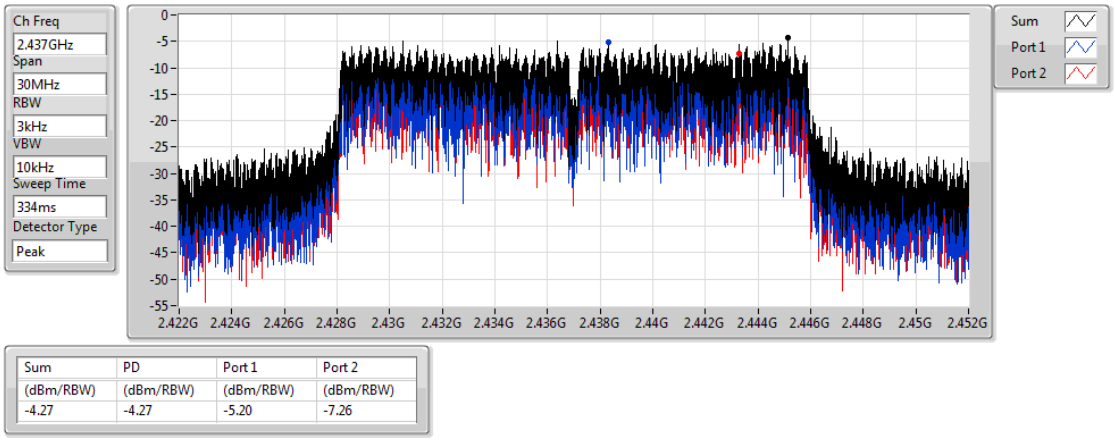
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.08	-11.08	-12.26	-13.05

802.11n HT20_Nss1,(MCS0)_2TX PSD

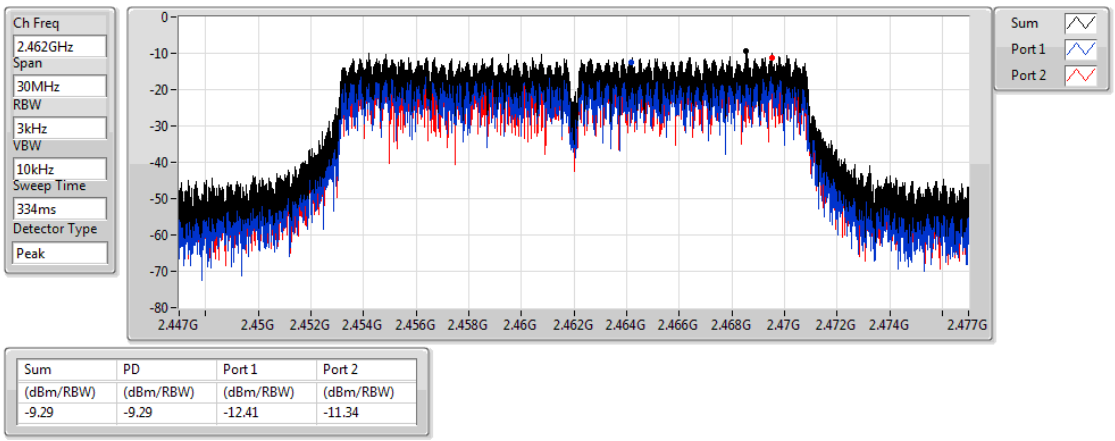
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.27	-4.27	-5.20	-7.26

802.11n HT20_Nss1,(MCS0)_2TX PSD

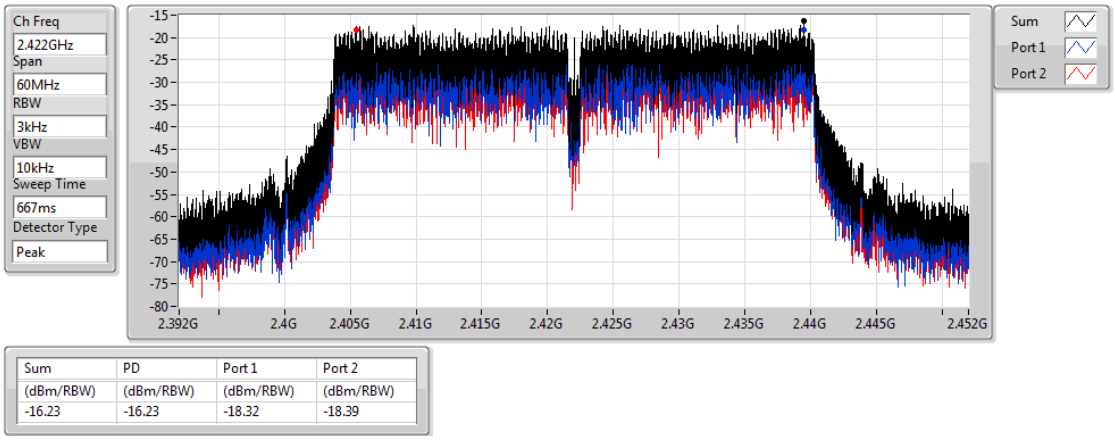
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.29	-9.29	-12.41	-11.34

802.11n HT40_Nss1,(MCS0)_2TX PSD

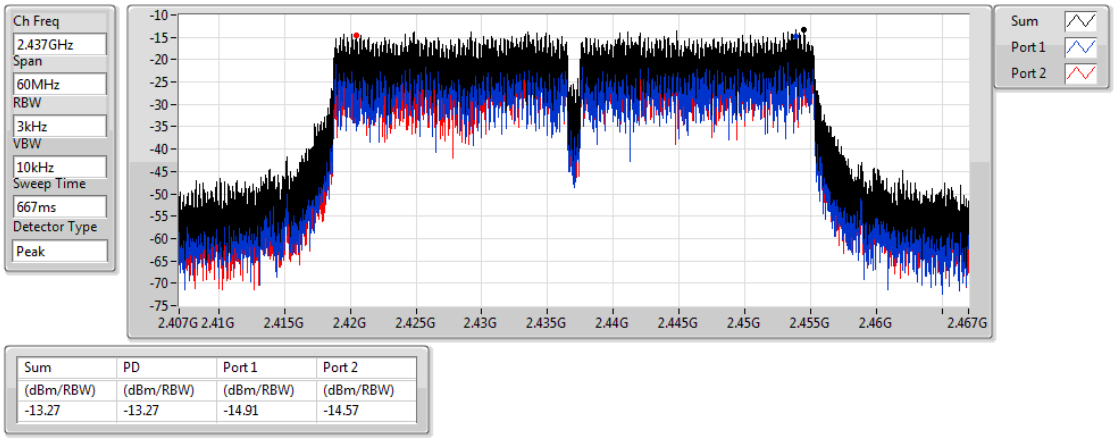
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.23	-16.23	-18.32	-18.39

802.11n HT40_Nss1,(MCS0)_2TX PSD

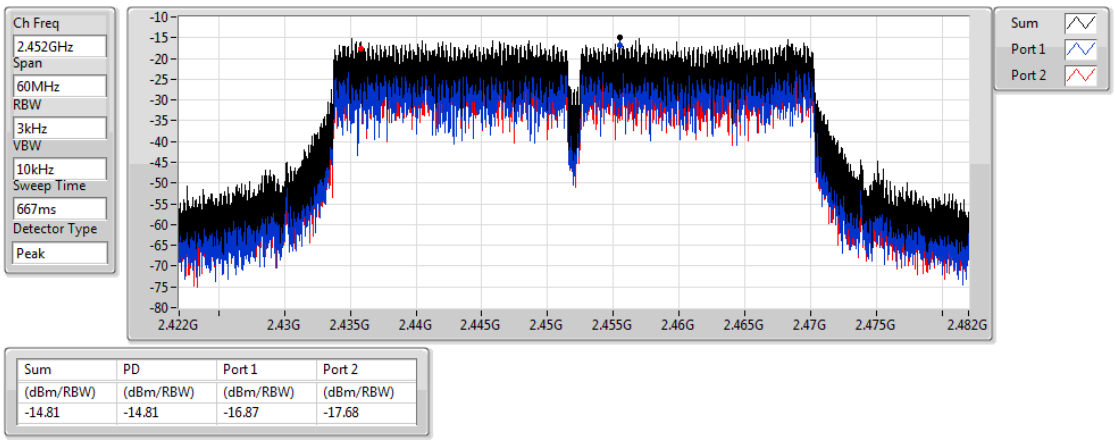
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.27	-13.27	-14.91	-14.57

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.81	-14.81	-16.87	-17.68

Summary

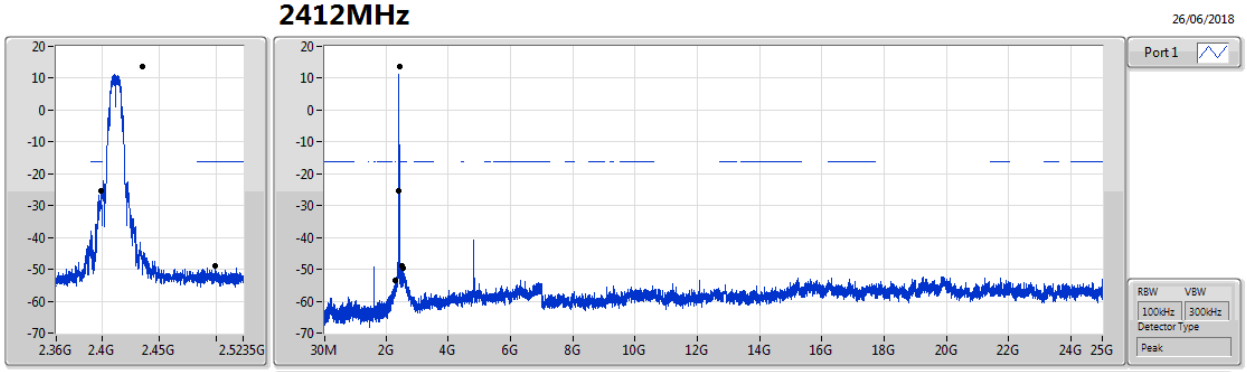
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.435571G	13.68	-16.32	2.302915G	-53.46	2.39904G	-25.19	2.4991G	-48.89	2.531929G	-49.75	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.431897G	12.15	-17.85	2.30874G	-53.58	2.39984G	-23.99	2.48662G	-51.12	2.554405G	-51.69	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.439579G	9.83	-20.17	2.30641G	-54.74	2.39872G	-31.22	2.48606G	-50.80	16.242594G	-52.26	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.419539G	1.39	-28.61	2.305115G	-53.12	2.39904G	-36.54	2.48574G	-46.17	15.282191G	-52.35	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	Pass	2.435571G	13.68	-16.32	2.302915G	-53.46	2.39904G	-25.19	2.4991G	-48.89	2.531929G	-49.75	1
2437MHz	Pass	2.435571G	13.68	-16.32	1.624885G	-49.62	2.39352G	-43.87	2.48846G	-44.67	2.560024G	-51.21	1
2462MHz	Pass	2.435571G	13.68	-16.32	1.641195G	-51.33	2.39488G	-49.85	2.48358G	-39.85	2.576882G	-51.05	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.431897G	12.15	-17.85	2.30874G	-53.58	2.39984G	-23.99	2.48662G	-51.12	2.554405G	-51.69	1
2437MHz	Pass	2.431897G	12.15	-17.85	2.300585G	-50.04	2.39952G	-35.90	2.48518G	-42.68	2.537548G	-50.28	1
2462MHz	Pass	2.431897G	12.15	-17.85	2.307575G	-53.45	2.39784G	-51.69	2.48414G	-38.06	15.217103G	-52.22	1
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439579G	9.83	-20.17	2.30641G	-54.74	2.39872G	-31.22	2.48606G	-50.80	16.242594G	-52.26	1
2412MHz	Pass	2.439579G	9.83	-20.17	2.30641G	-52.50	2.39952G	-33.00	2.48726G	-50.97	3.214652G	-44.71	2
2437MHz	Pass	2.439579G	9.83	-20.17	2.30175G	-52.60	2.39904G	-42.25	2.48886G	-44.92	2.562834G	-50.70	1
2437MHz	Pass	2.439579G	9.83	-20.17	2.30641G	-50.48	2.39896G	-41.19	2.48726G	-44.37	5.889356G	-47.40	2
2462MHz	Pass	2.439579G	9.83	-20.17	2.30641G	-53.57	2.3904G	-51.97	2.48366G	-40.21	2.610596G	-52.56	1
2462MHz	Pass	2.439579G	9.83	-20.17	2.302915G	-53.61	2.39624G	-51.18	2.48446G	-38.33	3.282082G	-48.89	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.419539G	1.39	-28.61	2.305115G	-57.35	2.3992G	-37.79	2.50798G	-55.01	5.651323G	-50.59	1
2422MHz	Pass	2.419539G	1.39	-28.61	2.305115G	-57.26	2.39888G	-37.02	2.4915G	-54.82	3.228181G	-48.14	2
2437MHz	Pass	2.419539G	1.39	-28.61	2.305115G	-53.12	2.39904G	-36.54	2.48574G	-46.17	15.282191G	-52.35	1
2437MHz	Pass	2.419539G	1.39	-28.61	2.30855G	-53.57	2.39952G	-37.53	2.48366G	-44.54	3.247813G	-47.64	2
2452MHz	Pass	2.419539G	1.39	-28.61	2.309695G	-55.66	2.39856G	-51.82	2.48446G	-40.50	6.977881G	-52.20	1
2452MHz	Pass	2.419539G	1.39	-28.61	2.309695G	-52.38	2.39952G	-49.65	2.48942G	-38.43	3.267445G	-48.13	2

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

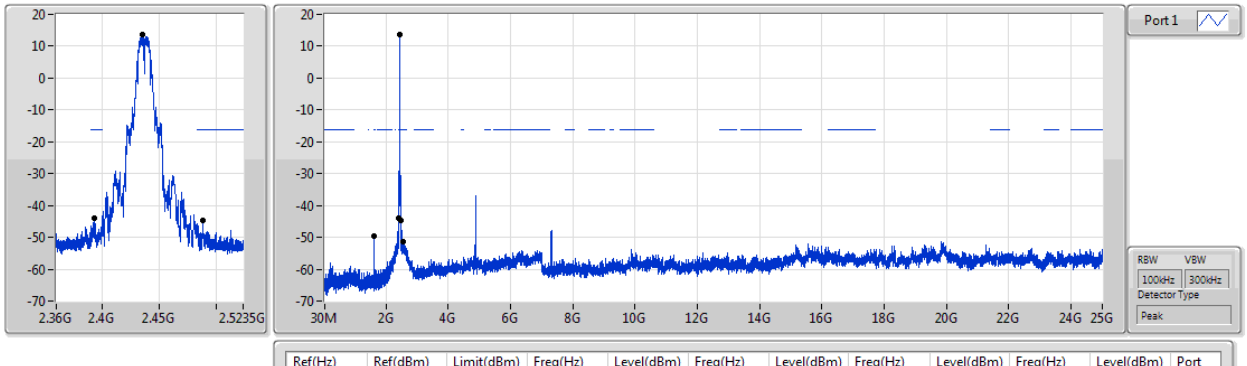
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	13.68	-16.32	2.302915G	-53.46	2.39904G	-25.19	2.4991G	-48.89	2.531929G	-49.75	1

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

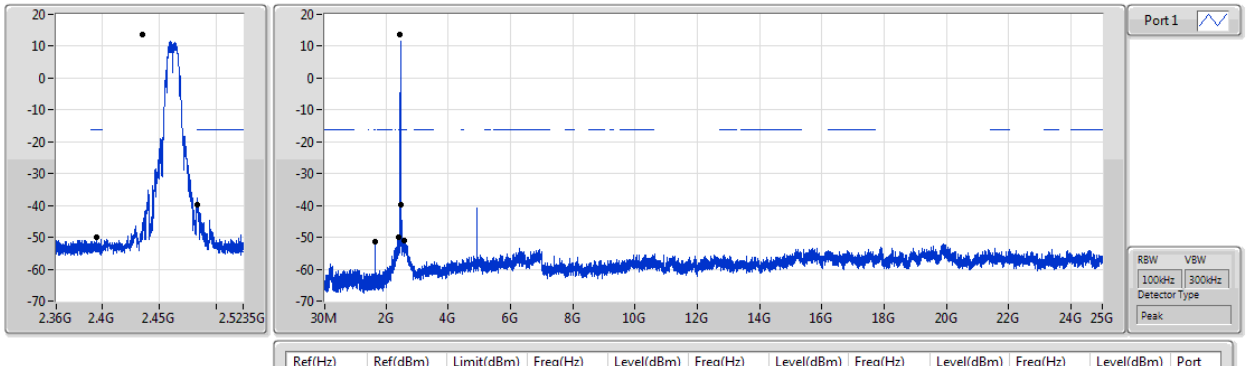
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	13.68	-16.32	1.624885G	-49.62	2.39352G	-43.87	2.48846G	-44.67	2.560024G	-51.21	1

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

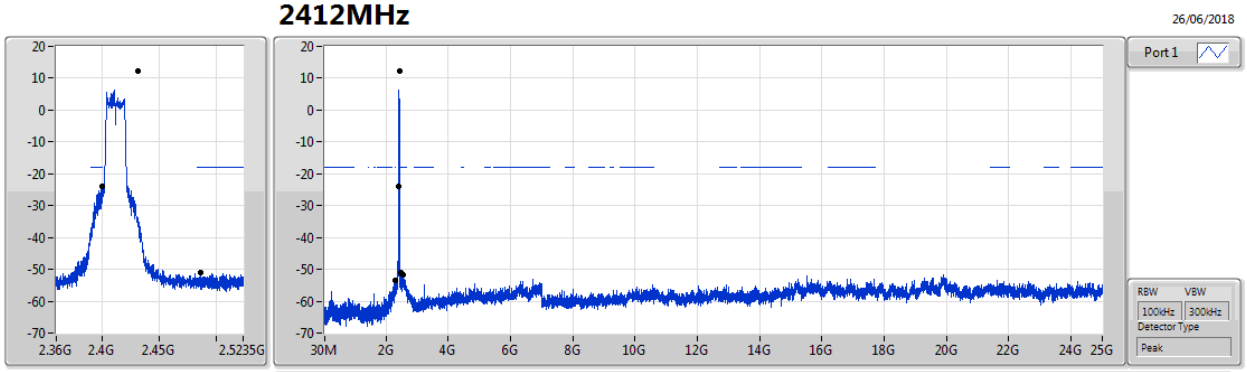
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	13.68	-16.32	1.641195G	-51.33	2.39488G	-49.85	2.48358G	-39.85	2.576882G	-51.05	1

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

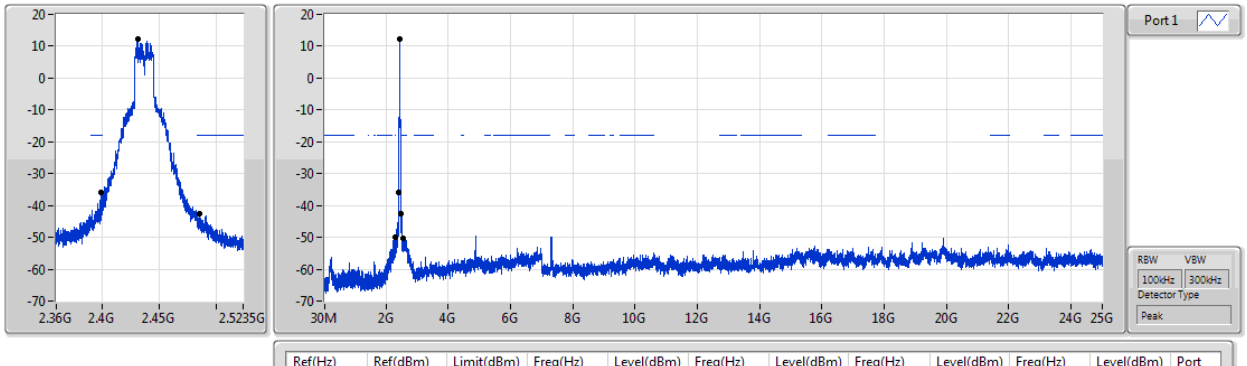
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	12.15	-17.85	2.30874G	-53.58	2.39984G	-23.99	2.48662G	-51.12	2.554405G	-51.69	1

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

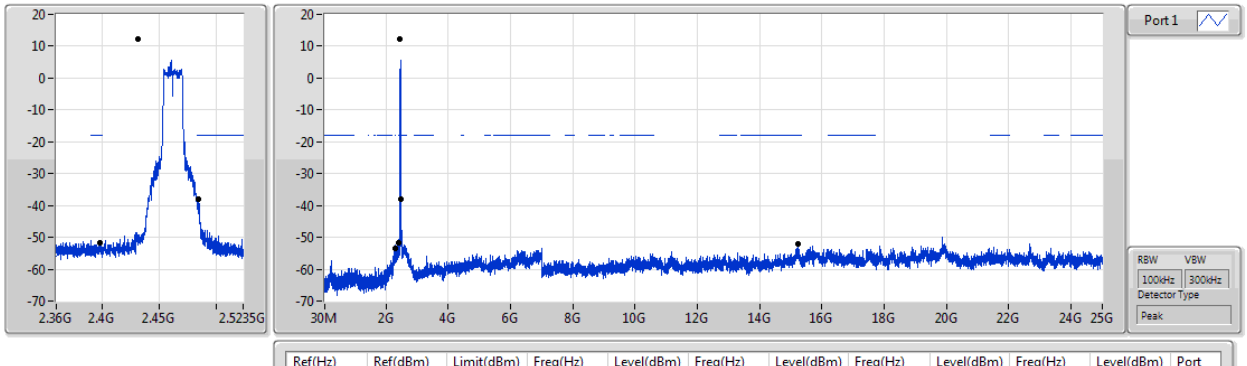
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	12.15	-17.85	2.300585G	-50.04	2.39952G	-35.90	2.48518G	-42.68	2.537548G	-50.28	1

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

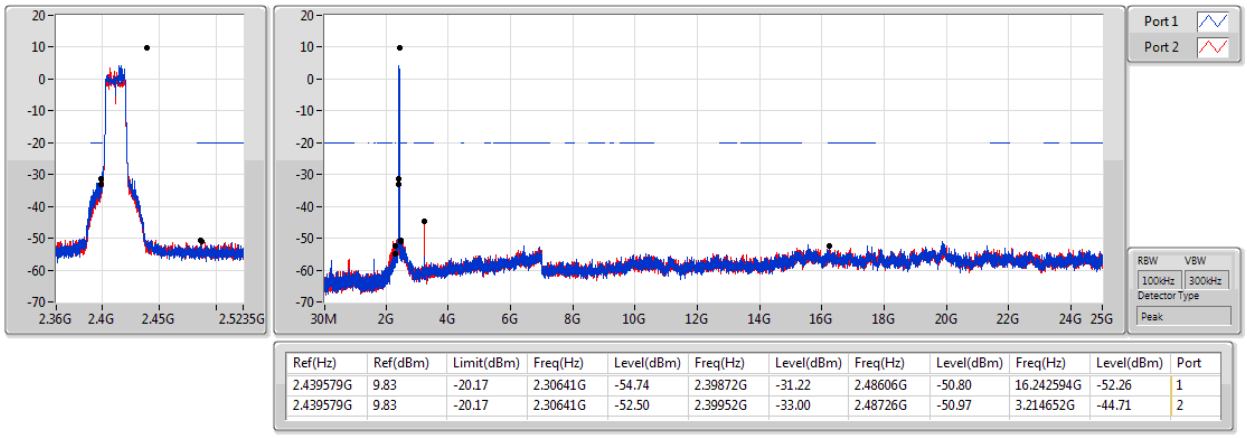
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	12.15	-17.85	2.307575G	-53.45	2.39784G	-51.69	2.48414G	-38.06	15.217103G	-52.22	1

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

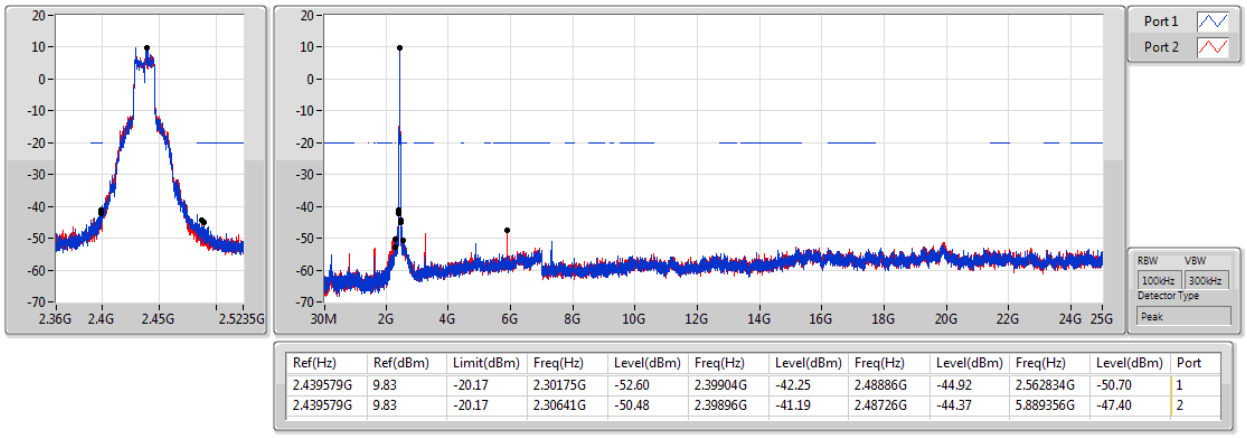
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	9.83	-20.17	2.30641G	-54.74	2.39872G	-31.22	2.48606G	-50.80	16.242594G	-52.26	1
2.439579G	9.83	-20.17	2.30641G	-52.50	2.39952G	-33.00	2.48726G	-50.97	3.214652G	-44.71	2

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

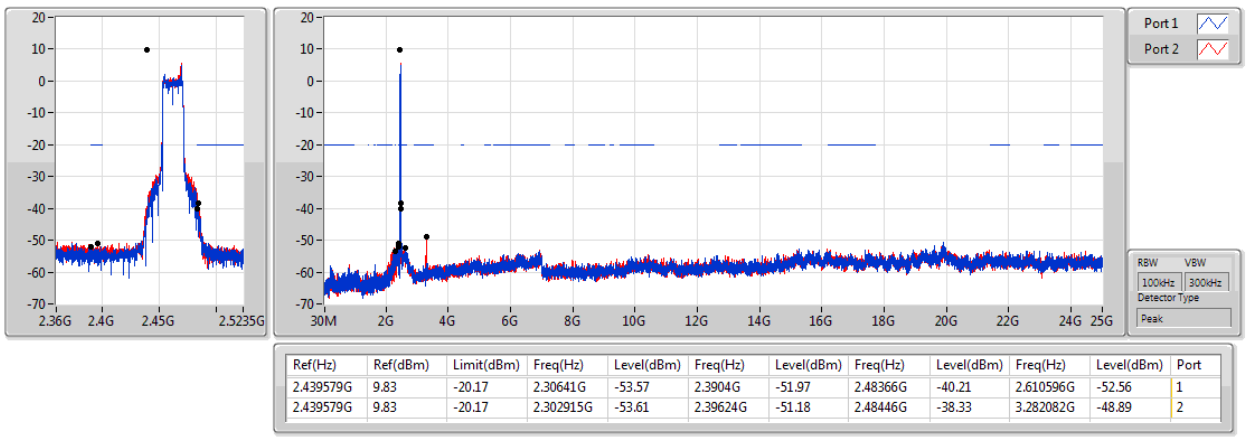
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	9.83	-20.17	2.30175G	-52.60	2.39904G	-42.25	2.48886G	-44.92	2.562834G	-50.70	1
2.439579G	9.83	-20.17	2.30641G	-50.48	2.39896G	-41.19	2.48726G	-44.37	5.889356G	-47.40	2

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

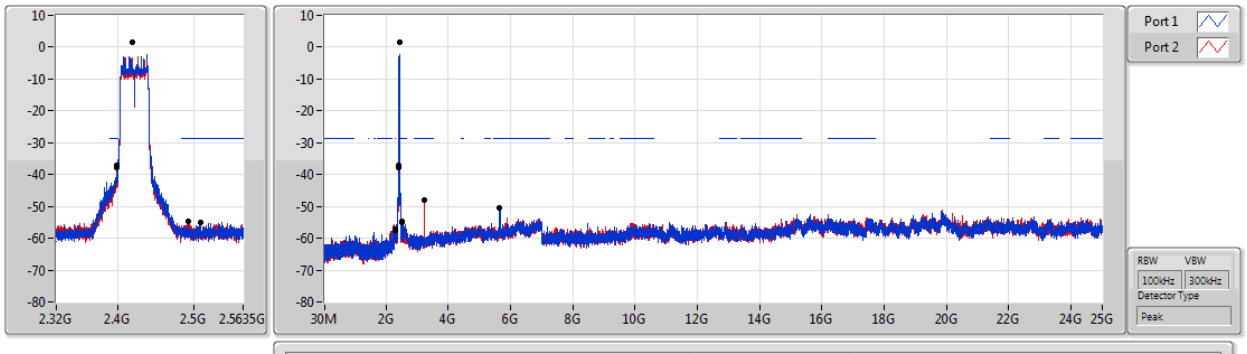
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	9.83	-20.17	2.30641G	-53.57	2.3904G	-51.97	2.48366G	-40.21	2.610596G	-52.56	1
2.439579G	9.83	-20.17	2.302915G	-53.61	2.39624G	-51.18	2.48446G	-38.33	3.282082G	-48.89	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

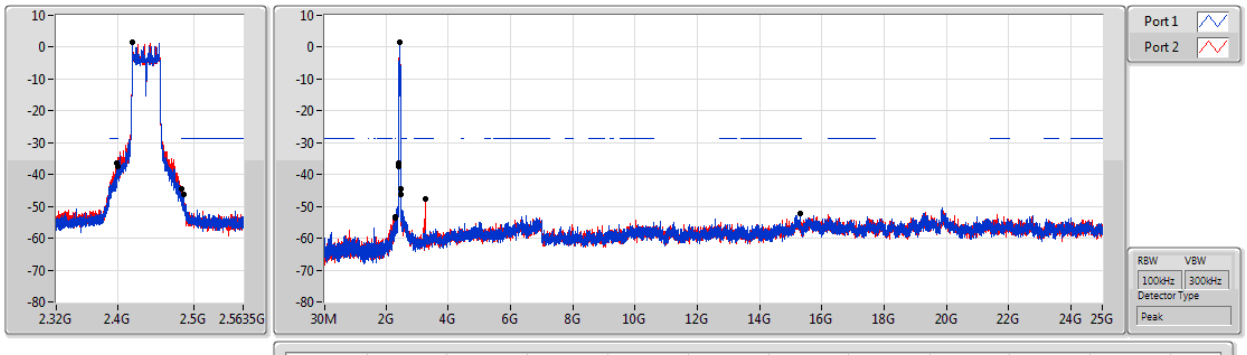
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.419539G	1.39	-28.61	2.305115G	-57.35	2.3992G	-37.79	2.50798G	-55.01	5.651323G	-50.59	1
2.419539G	1.39	-28.61	2.305115G	-57.26	2.39888G	-37.02	2.4915G	-54.82	3.228181G	-48.14	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

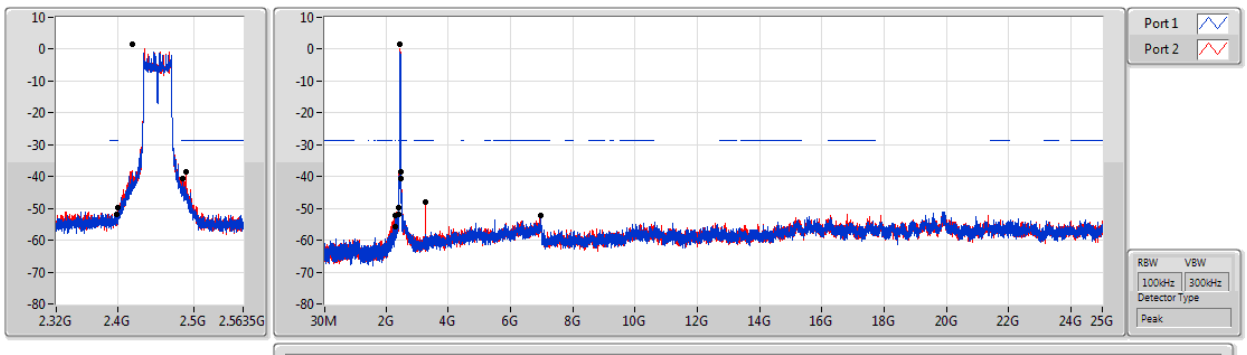
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.419539G	1.39	-28.61	2.305115G	-53.12	2.39904G	-36.54	2.48574G	-46.17	15.282191G	-52.35	1
2.419539G	1.39	-28.61	2.30855G	-53.57	2.39952G	-37.53	2.48366G	-44.54	3.247813G	-47.64	2

802.11n HT40_Nss1,(MCS0)_2TX **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
2.419539G	1.39	-28.61	2.309695G	-55.66	2.39856G	-51.82	2.48446G	-40.50	6.977881G	-52.20	1
2.419539G	1.39	-28.61	2.309695G	-52.38	2.39952G	-49.65	2.48942G	-38.43	3.267445G	-48.13	2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	41.64M	34.05	40.00	-5.95	-19.22	3	Vertical	275	1.75	-

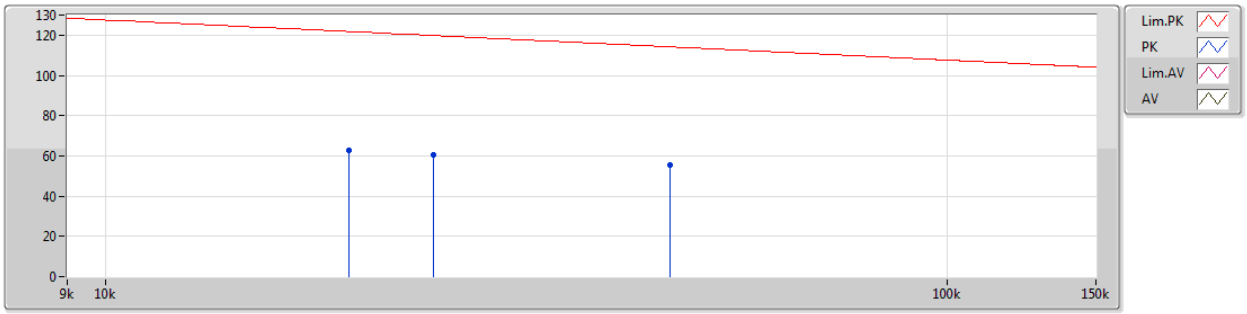
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	19.434k	62.92	121.80	-58.88	21.96	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	24.51k	60.76	119.81	-59.05	22.01	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	46.788k	55.26	114.19	-58.93	21.30	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	388.8k	44.13	95.80	-51.67	20.52	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	2.2395M	41.53	69.50	-27.97	20.88	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	3.4932M	45.54	69.50	-23.96	20.86	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	92.08M	24.40	43.50	-19.10	-22.15	3	Vertical	360	1.00	-
2437MHz	Pass	PK	200.72M	36.72	43.50	-6.78	-21.03	3	Vertical	360	1.00	-
2437MHz	Pass	PK	350.1M	33.46	46.00	-12.54	-15.49	3	Vertical	360	1.00	-
2437MHz	Pass	PK	625.58M	32.25	46.00	-13.75	-10.19	3	Vertical	360	1.00	-
2437MHz	Pass	PK	875.84M	33.26	46.00	-12.74	-6.98	3	Vertical	360	1.00	-
2437MHz	Pass	QP	41.64M	34.05	40.00	-5.95	-19.22	3	Vertical	275	1.75	-
2437MHz	Pass	PK	125.06M	30.98	43.50	-12.52	-19.22	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	200.72M	34.64	43.50	-8.86	-21.03	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	249.22M	38.87	46.00	-7.13	-17.26	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	375.32M	37.36	46.00	-8.64	-14.84	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	499.48M	33.54	46.00	-12.46	-12.10	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	625.58M	30.55	46.00	-15.45	-10.19	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

27/11/2018

2437MHz_TX

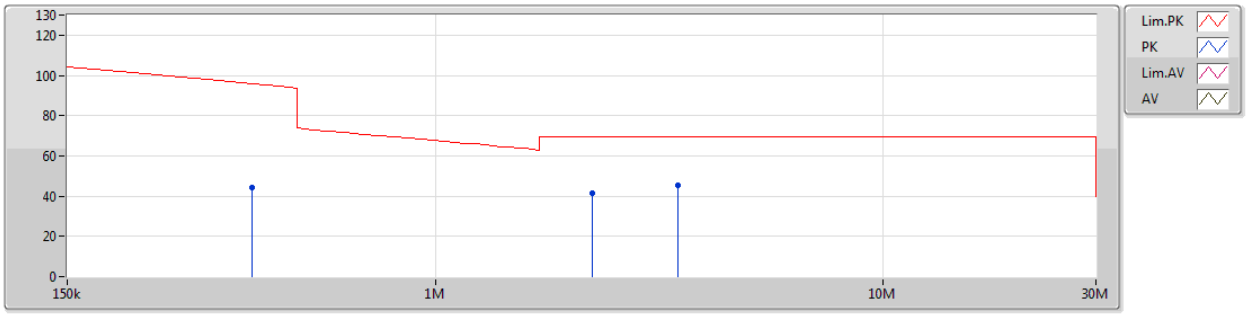


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	19.434k	62.92	121.80	-58.88	21.96	3	Horizontal	0	1.00	-
PK	24.51k	60.76	119.81	-59.05	22.01	3	Horizontal	0	1.00	-
PK	46.788k	55.26	114.19	-58.93	21.30	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

27/11/2018

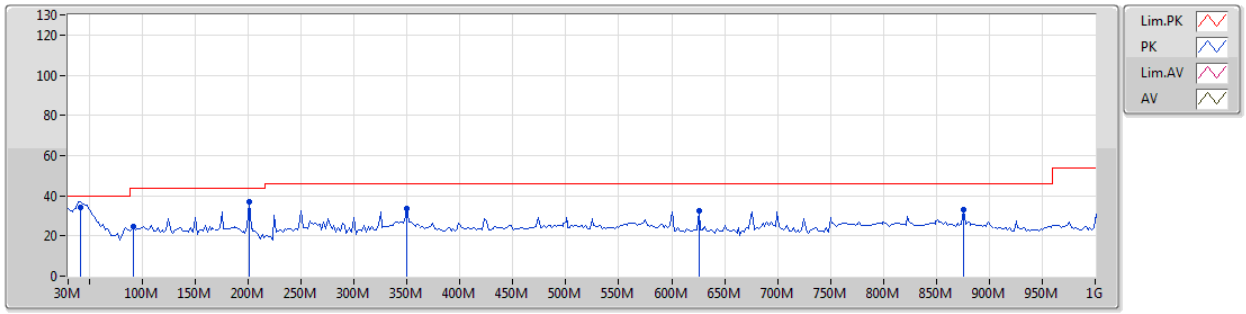


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	388.8k	44.13	95.80	-51.67	20.52	3	Horizontal	360	1.00	-
PK	2.2395M	41.53	69.50	-27.97	20.88	3	Horizontal	360	1.00	-
PK	3.4932M	45.54	69.50	-23.96	20.86	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/06/2018

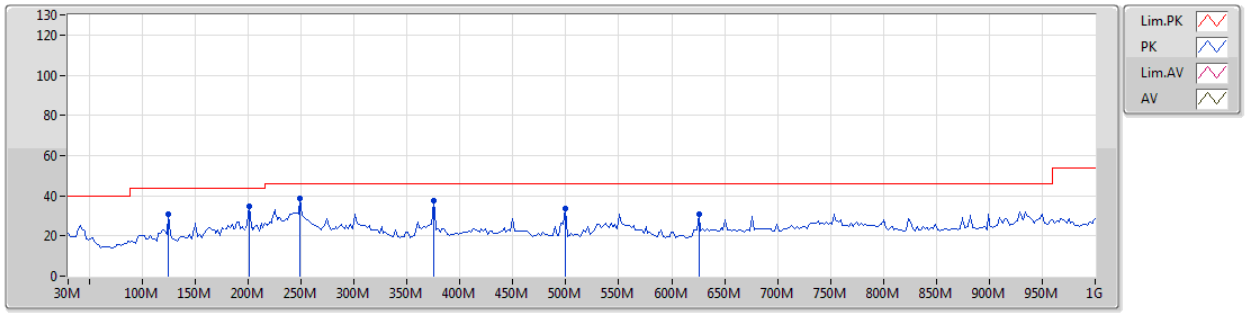


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	92.08M	24.40	43.50	-19.10	-22.15	3	Vertical	360	1.00	-
PK	200.72M	36.72	43.50	-6.78	-21.03	3	Vertical	360	1.00	-
PK	350.1M	33.46	46.00	-12.54	-15.49	3	Vertical	360	1.00	-
PK	625.58M	32.25	46.00	-13.75	-10.19	3	Vertical	360	1.00	-
PK	875.84M	33.26	46.00	-12.74	-6.98	3	Vertical	360	1.00	-
QP	41.64M	34.05	40.00	-5.95	-19.22	3	Vertical	275	1.75	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/06/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	125.06M	30.98	43.50	-12.52	-19.22	3	Horizontal	0	1.00	-
PK	200.72M	34.64	43.50	-8.86	-21.03	3	Horizontal	0	1.00	-
PK	249.22M	38.87	46.00	-7.13	-17.26	3	Horizontal	0	1.00	-
PK	375.32M	37.36	46.00	-8.64	-14.84	3	Horizontal	0	1.00	-
PK	499.48M	33.54	46.00	-12.46	-12.10	3	Horizontal	0	1.00	-
PK	625.58M	30.55	46.00	-15.45	-10.19	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	2.483502G	53.40	54.00	-0.60	32.61	3	Horizontal	30	3.05	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.483502G	53.85	54.00	-0.15	32.61	3	Horizontal	330	3.04	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.483502G	53.90	54.00	-0.10	32.61	3	Horizontal	11	3.07	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.483502G	53.56	54.00	-0.44	32.61	3	Vertical	325	2.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3894G	50.50	54.00	-3.50	32.27	3	Vertical	321	1.54	-
2412MHz	Pass	AV	2.4138G	104.44	Inf	-Inf	32.36	3	Vertical	321	1.54	-
2412MHz	Pass	PK	2.389G	61.52	74.00	-12.48	32.27	3	Vertical	321	1.54	-
2412MHz	Pass	PK	2.4148G	106.58	Inf	-Inf	32.36	3	Vertical	321	1.54	-
2412MHz	Pass	AV	2.3892G	53.21	54.00	-0.79	32.27	3	Horizontal	9	3.19	-
2412MHz	Pass	AV	2.4102G	107.10	Inf	-Inf	32.35	3	Horizontal	9	3.19	-
2412MHz	Pass	PK	2.3896G	63.18	74.00	-10.82	32.28	3	Horizontal	9	3.19	-
2412MHz	Pass	PK	2.4092G	109.23	Inf	-Inf	32.34	3	Horizontal	9	3.19	-
2412MHz	Pass	AV	4.824G	50.83	54.00	-3.17	3.03	3	Vertical	15	1.49	-
2412MHz	Pass	PK	4.82394G	53.67	74.00	-20.33	3.03	3	Vertical	15	1.49	-
2412MHz	Pass	AV	4.82402G	52.21	54.00	-1.79	3.03	3	Horizontal	319	1.00	-
2412MHz	Pass	PK	4.82394G	54.72	74.00	-19.28	3.03	3	Horizontal	319	1.00	-
2417MHz	Pass	AV	2.389998G	51.21	54.00	-2.79	32.28	3	Vertical	324	1.53	-
2417MHz	Pass	AV	2.4152G	106.12	Inf	-Inf	32.36	3	Vertical	324	1.53	-
2417MHz	Pass	PK	2.387G	60.81	74.00	-13.19	32.26	3	Vertical	324	1.53	-
2417MHz	Pass	PK	2.4154G	108.26	Inf	-Inf	32.37	3	Vertical	324	1.53	-
2417MHz	Pass	AV	2.389998G	52.52	54.00	-1.48	32.28	3	Horizontal	22	2.88	-
2417MHz	Pass	AV	2.4188G	107.67	Inf	-Inf	32.38	3	Horizontal	22	2.88	-
2417MHz	Pass	PK	2.3844G	62.18	74.00	-11.82	32.25	3	Horizontal	22	2.88	-
2417MHz	Pass	PK	2.4186G	109.75	Inf	-Inf	32.38	3	Horizontal	22	2.88	-
2422MHz	Pass	AV	2.3896G	50.36	54.00	-3.64	32.28	3	Vertical	326	1.50	-
2422MHz	Pass	AV	2.4202G	106.40	Inf	-Inf	32.38	3	Vertical	326	1.50	-
2422MHz	Pass	PK	2.3894G	61.16	74.00	-12.84	32.27	3	Vertical	326	1.50	-
2422MHz	Pass	PK	2.4206G	108.53	Inf	-Inf	32.38	3	Vertical	326	1.50	-
2422MHz	Pass	AV	2.3896G	51.61	54.00	-2.39	32.28	3	Horizontal	22	2.88	-
2422MHz	Pass	AV	2.4202G	108.88	Inf	-Inf	32.38	3	Horizontal	22	2.88	-
2422MHz	Pass	PK	2.3872G	61.83	74.00	-12.17	32.26	3	Horizontal	22	2.88	-
2422MHz	Pass	PK	2.4192G	110.96	Inf	-Inf	32.38	3	Horizontal	22	2.88	-
2427MHz	Pass	AV	2.383G	49.83	54.00	-4.17	32.25	3	Vertical	330	2.24	-
2427MHz	Pass	AV	2.4286G	107.28	Inf	-Inf	32.41	3	Vertical	330	2.24	-
2427MHz	Pass	AV	2.495G	49.39	54.00	-4.61	32.65	3	Vertical	330	2.24	-
2427MHz	Pass	PK	2.365G	61.30	74.00	-12.70	32.19	3	Vertical	330	2.24	-
2427MHz	Pass	PK	2.4298G	109.37	Inf	-Inf	32.42	3	Vertical	330	2.24	-
2427MHz	Pass	PK	2.4858G	61.26	74.00	-12.74	32.62	3	Vertical	330	2.24	-
2427MHz	Pass	AV	2.3834G	51.33	54.00	-2.67	32.25	3	Horizontal	326	3.12	-
2427MHz	Pass	AV	2.4254G	110.03	Inf	-Inf	32.40	3	Horizontal	326	3.12	-
2427MHz	Pass	AV	2.4986G	49.95	54.00	-4.05	32.67	3	Horizontal	326	3.12	-
2427MHz	Pass	PK	2.383G	61.80	74.00	-12.20	32.25	3	Horizontal	326	3.12	-
2427MHz	Pass	PK	2.4242G	112.22	Inf	-Inf	32.40	3	Horizontal	326	3.12	-
2427MHz	Pass	PK	2.4998G	60.95	74.00	-13.05	32.67	3	Horizontal	326	3.12	-
2437MHz	Pass	AV	2.3898G	48.63	54.00	-5.37	32.28	3	Vertical	324	2.21	-
2437MHz	Pass	AV	2.4354G	107.17	Inf	-Inf	32.44	3	Vertical	324	2.21	-
2437MHz	Pass	AV	2.483502G	49.35	54.00	-4.65	32.61	3	Vertical	324	2.21	-
2437MHz	Pass	PK	2.3406G	60.04	74.00	-13.96	32.10	3	Vertical	324	2.21	-
2437MHz	Pass	PK	2.4342G	109.27	Inf	-Inf	32.43	3	Vertical	324	2.21	-
2437MHz	Pass	PK	2.4842G	60.83	74.00	-13.17	32.61	3	Vertical	324	2.21	-
2437MHz	Pass	AV	2.3898G	48.63	54.00	-5.37	32.28	3	Horizontal	21	3.09	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4354G	109.10	Inf	-Inf	32.44	3	Horizontal	21	3.09	-
2437MHz	Pass	AV	2.483502G	49.87	54.00	-4.13	32.61	3	Horizontal	21	3.09	-
2437MHz	Pass	PK	2.359G	60.51	74.00	-13.49	32.16	3	Horizontal	21	3.09	-
2437MHz	Pass	PK	2.4342G	111.25	Inf	-Inf	32.43	3	Horizontal	21	3.09	-
2437MHz	Pass	PK	2.491G	61.26	74.00	-12.74	32.64	3	Horizontal	21	3.09	-
2437MHz	Pass	AV	4.87402G	51.75	54.00	-2.25	3.14	3	Vertical	27	1.35	-
2437MHz	Pass	PK	4.87406G	54.13	74.00	-19.87	3.14	3	Vertical	27	1.35	-
2437MHz	Pass	AV	4.874G	50.80	54.00	-3.20	3.14	3	Horizontal	124	1.97	-
2437MHz	Pass	PK	4.87392G	53.37	74.00	-20.63	3.14	3	Horizontal	124	1.97	-
2452MHz	Pass	AV	2.4538G	106.08	Inf	-Inf	32.50	3	Vertical	320	1.50	-
2452MHz	Pass	AV	2.4844G	50.89	54.00	-3.11	32.61	3	Vertical	320	1.50	-
2452MHz	Pass	PK	2.4536G	108.13	Inf	-Inf	32.50	3	Vertical	320	1.50	-
2452MHz	Pass	PK	2.4968G	61.88	74.00	-12.12	32.66	3	Vertical	320	1.50	-
2452MHz	Pass	AV	2.4502G	110.57	Inf	-Inf	32.49	3	Horizontal	342	3.05	-
2452MHz	Pass	AV	2.4844G	52.59	54.00	-1.41	32.61	3	Horizontal	342	3.05	-
2452MHz	Pass	PK	2.4492G	112.72	Inf	-Inf	32.49	3	Horizontal	342	3.05	-
2452MHz	Pass	PK	2.4848G	62.86	74.00	-11.14	32.61	3	Horizontal	342	3.05	-
2457MHz	Pass	AV	2.4552G	105.83	Inf	-Inf	32.51	3	Vertical	318	1.50	-
2457MHz	Pass	AV	2.4894G	51.14	54.00	-2.86	32.63	3	Vertical	318	1.50	-
2457MHz	Pass	PK	2.4554G	107.95	Inf	-Inf	32.51	3	Vertical	318	1.50	-
2457MHz	Pass	PK	2.4902G	62.30	74.00	-11.70	32.64	3	Vertical	318	1.50	-
2457MHz	Pass	AV	2.4552G	108.91	Inf	-Inf	32.51	3	Horizontal	351	3.05	-
2457MHz	Pass	AV	2.483502G	52.97	54.00	-1.03	32.61	3	Horizontal	351	3.05	-
2457MHz	Pass	PK	2.4542G	111.21	Inf	-Inf	32.51	3	Horizontal	351	3.05	-
2457MHz	Pass	PK	2.4904G	62.77	74.00	-11.23	32.64	3	Horizontal	351	3.05	-
2462MHz	Pass	AV	2.4602G	104.98	Inf	-Inf	32.53	3	Vertical	328	1.59	-
2462MHz	Pass	AV	2.483502G	52.50	54.00	-1.50	32.61	3	Vertical	328	1.59	-
2462MHz	Pass	PK	2.4592G	107.12	Inf	-Inf	32.52	3	Vertical	328	1.59	-
2462MHz	Pass	PK	2.4836G	62.74	74.00	-11.26	32.61	3	Vertical	328	1.59	-
2462MHz	Pass	AV	2.4602G	107.16	Inf	-Inf	32.53	3	Horizontal	30	3.05	-
2462MHz	Pass	AV	2.483502G	53.40	54.00	-0.60	32.61	3	Horizontal	30	3.05	-
2462MHz	Pass	PK	2.4606G	109.29	Inf	-Inf	32.53	3	Horizontal	30	3.05	-
2462MHz	Pass	PK	2.4842G	62.58	74.00	-11.42	32.61	3	Horizontal	30	3.05	-
2462MHz	Pass	AV	4.924G	53.26	54.00	-0.74	3.25	3	Vertical	30	1.44	-
2462MHz	Pass	PK	4.92398G	55.33	74.00	-18.67	3.25	3	Vertical	30	1.44	-
2462MHz	Pass	AV	4.924G	51.52	54.00	-2.48	3.25	3	Horizontal	318	1.21	-
2462MHz	Pass	PK	4.92402G	54.09	74.00	-19.91	3.25	3	Horizontal	318	1.21	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	52.17	54.00	-1.83	32.28	3	Vertical	325	1.54	-
2412MHz	Pass	AV	2.4192G	97.71	Inf	-Inf	32.38	3	Vertical	325	1.54	-
2412MHz	Pass	PK	2.3898G	65.21	74.00	-8.79	32.28	3	Vertical	325	1.54	-
2412MHz	Pass	PK	2.4072G	105.76	Inf	-Inf	32.34	3	Vertical	325	1.54	-
2412MHz	Pass	AV	2.389998G	53.82	54.00	-0.18	32.28	3	Horizontal	11	2.86	-
2412MHz	Pass	AV	2.4046G	99.98	Inf	-Inf	32.33	3	Horizontal	11	2.86	-
2412MHz	Pass	PK	2.389998G	67.75	74.00	-6.25	32.28	3	Horizontal	11	2.86	-
2412MHz	Pass	PK	2.4072G	108.51	Inf	-Inf	32.34	3	Horizontal	11	2.86	-
2412MHz	Pass	AV	4.82394G	36.79	54.00	-17.21	3.03	3	Vertical	10	1.50	-
2412MHz	Pass	PK	4.82574G	49.17	74.00	-24.83	3.04	3	Vertical	10	1.50	-
2412MHz	Pass	AV	4.82382G	37.32	54.00	-16.68	3.03	3	Horizontal	318	1.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	4.82382G	48.84	74.00	-25.16	3.03	3	Horizontal	318	1.02	-
2417MHz	Pass	AV	2.3898G	51.42	54.00	-2.58	32.28	3	Vertical	325	1.50	-
2417MHz	Pass	AV	2.4098G	100.01	Inf	-Inf	32.35	3	Vertical	325	1.50	-
2417MHz	Pass	PK	2.3898G	65.51	74.00	-8.49	32.28	3	Vertical	325	1.50	-
2417MHz	Pass	PK	2.4122G	108.49	Inf	-Inf	32.35	3	Vertical	325	1.50	-
2417MHz	Pass	AV	2.389998G	53.20	54.00	-0.80	32.28	3	Horizontal	8	2.87	-
2417MHz	Pass	AV	2.4098G	102.82	Inf	-Inf	32.35	3	Horizontal	8	2.87	-
2417MHz	Pass	PK	2.3898G	67.78	74.00	-6.22	32.28	3	Horizontal	8	2.87	-
2417MHz	Pass	PK	2.4122G	111.11	Inf	-Inf	32.35	3	Horizontal	8	2.87	-
2422MHz	Pass	AV	2.389998G	51.80	54.00	-2.20	32.28	3	Vertical	324	1.53	-
2422MHz	Pass	AV	2.4148G	101.71	Inf	-Inf	32.36	3	Vertical	324	1.53	-
2422MHz	Pass	PK	2.3884G	64.29	74.00	-9.71	32.27	3	Vertical	324	1.53	-
2422MHz	Pass	PK	2.4172G	109.83	Inf	-Inf	32.37	3	Vertical	324	1.53	-
2422MHz	Pass	AV	2.389998G	53.82	54.00	-0.18	32.28	3	Horizontal	8	3.19	-
2422MHz	Pass	AV	2.4146G	103.83	Inf	-Inf	32.36	3	Horizontal	8	3.19	-
2422MHz	Pass	PK	2.3878G	67.92	74.00	-6.08	32.27	3	Horizontal	8	3.19	-
2422MHz	Pass	PK	2.4172G	112.13	Inf	-Inf	32.37	3	Horizontal	8	3.19	-
2427MHz	Pass	AV	2.3898G	52.53	54.00	-1.47	32.28	3	Vertical	323	1.80	-
2427MHz	Pass	AV	2.4202G	103.04	Inf	-Inf	32.38	3	Vertical	323	1.80	-
2427MHz	Pass	AV	2.4842G	50.16	54.00	-3.84	32.61	3	Vertical	323	1.80	-
2427MHz	Pass	PK	2.3886G	65.03	74.00	-8.97	32.27	3	Vertical	323	1.80	-
2427MHz	Pass	PK	2.4222G	111.15	Inf	-Inf	32.39	3	Vertical	323	1.80	-
2427MHz	Pass	PK	2.489G	62.11	74.00	-11.89	32.63	3	Vertical	323	1.80	-
2427MHz	Pass	AV	2.3898G	53.67	54.00	-0.33	32.28	3	Horizontal	21	2.89	-
2427MHz	Pass	AV	2.4198G	105.12	Inf	-Inf	32.38	3	Horizontal	21	2.89	-
2427MHz	Pass	AV	2.4842G	50.66	54.00	-3.34	32.61	3	Horizontal	21	2.89	-
2427MHz	Pass	PK	2.3898G	66.75	74.00	-7.25	32.28	3	Horizontal	21	2.89	-
2427MHz	Pass	PK	2.4198G	113.10	Inf	-Inf	32.38	3	Horizontal	21	2.89	-
2427MHz	Pass	PK	2.495G	61.94	74.00	-12.06	32.65	3	Horizontal	21	2.89	-
2432MHz	Pass	AV	2.389998G	51.61	54.00	-2.39	32.28	3	Vertical	324	1.77	-
2432MHz	Pass	AV	2.4248G	103.21	Inf	-Inf	32.40	3	Vertical	324	1.77	-
2432MHz	Pass	AV	2.4856G	50.42	54.00	-3.58	32.62	3	Vertical	324	1.77	-
2432MHz	Pass	PK	2.384G	63.00	74.00	-11.00	32.25	3	Vertical	324	1.77	-
2432MHz	Pass	PK	2.4248G	111.19	Inf	-Inf	32.40	3	Vertical	324	1.77	-
2432MHz	Pass	PK	2.484G	61.97	74.00	-12.03	32.61	3	Vertical	324	1.77	-
2432MHz	Pass	AV	2.389998G	53.67	54.00	-0.33	32.28	3	Horizontal	325	3.17	-
2432MHz	Pass	AV	2.4248G	105.34	Inf	-Inf	32.40	3	Horizontal	325	3.17	-
2432MHz	Pass	AV	2.4856G	51.58	54.00	-2.42	32.62	3	Horizontal	325	3.17	-
2432MHz	Pass	PK	2.3896G	65.65	74.00	-8.35	32.28	3	Horizontal	325	3.17	-
2432MHz	Pass	PK	2.4248G	113.42	Inf	-Inf	32.40	3	Horizontal	325	3.17	-
2432MHz	Pass	PK	2.4844G	63.77	74.00	-10.23	32.61	3	Horizontal	325	3.17	-
2437MHz	Pass	AV	2.389G	50.35	54.00	-3.65	32.27	3	Vertical	332	2.23	-
2437MHz	Pass	AV	2.4298G	103.25	Inf	-Inf	32.42	3	Vertical	332	2.23	-
2437MHz	Pass	AV	2.4838G	50.66	54.00	-3.34	32.61	3	Vertical	332	2.23	-
2437MHz	Pass	PK	2.3886G	62.35	74.00	-11.65	32.27	3	Vertical	332	2.23	-
2437MHz	Pass	PK	2.4322G	111.44	Inf	-Inf	32.43	3	Vertical	332	2.23	-
2437MHz	Pass	PK	2.485G	61.52	74.00	-12.48	32.61	3	Vertical	332	2.23	-
2437MHz	Pass	AV	2.3898G	51.42	54.00	-2.58	32.28	3	Horizontal	328	3.07	-
2437MHz	Pass	AV	2.4298G	106.74	Inf	-Inf	32.42	3	Horizontal	328	3.07	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.483502G	51.57	54.00	-2.43	32.61	3	Horizontal	328	3.07	-
2437MHz	Pass	PK	2.3882G	64.71	74.00	-9.29	32.27	3	Horizontal	328	3.07	-
2437MHz	Pass	PK	2.4322G	114.85	Inf	-Inf	32.43	3	Horizontal	328	3.07	-
2437MHz	Pass	PK	2.4858G	65.60	74.00	-8.40	32.62	3	Horizontal	328	3.07	-
2437MHz	Pass	AV	4.87622G	37.95	54.00	-16.05	3.15	3	Vertical	25	1.26	-
2437MHz	Pass	AV	7.3108G	47.38	54.00	-6.62	9.29	3	Vertical	331	3.05	-
2437MHz	Pass	PK	4.88156G	49.59	74.00	-24.41	3.16	3	Vertical	25	1.26	-
2437MHz	Pass	PK	7.3086G	60.99	74.00	-13.01	9.29	3	Vertical	331	3.05	-
2437MHz	Pass	AV	4.874G	37.25	54.00	-16.75	3.14	3	Horizontal	125	1.79	-
2437MHz	Pass	AV	7.3108G	43.48	54.00	-10.52	9.29	3	Horizontal	146	2.09	-
2437MHz	Pass	PK	4.87748G	48.56	74.00	-25.44	3.15	3	Horizontal	125	1.79	-
2437MHz	Pass	PK	7.3086G	55.18	74.00	-18.82	9.29	3	Horizontal	146	2.09	-
2447MHz	Pass	AV	2.3734G	49.33	54.00	-4.67	32.22	3	Vertical	318	1.50	-
2447MHz	Pass	AV	2.4538G	101.89	Inf	-Inf	32.50	3	Vertical	318	1.50	-
2447MHz	Pass	AV	2.483502G	52.20	54.00	-1.80	32.61	3	Vertical	318	1.50	-
2447MHz	Pass	PK	2.355G	60.23	74.00	-13.77	32.15	3	Vertical	318	1.50	-
2447MHz	Pass	PK	2.4542G	109.69	Inf	-Inf	32.51	3	Vertical	318	1.50	-
2447MHz	Pass	PK	2.4838G	65.55	74.00	-8.45	32.61	3	Vertical	318	1.50	-
2447MHz	Pass	AV	2.3898G	50.59	54.00	-3.41	32.28	3	Horizontal	344	3.12	-
2447MHz	Pass	AV	2.4398G	105.88	Inf	-Inf	32.45	3	Horizontal	344	3.12	-
2447MHz	Pass	AV	2.483502G	53.16	54.00	-0.84	32.61	3	Horizontal	344	3.12	-
2447MHz	Pass	PK	2.3894G	61.92	74.00	-12.08	32.27	3	Horizontal	344	3.12	-
2447MHz	Pass	PK	2.4398G	113.91	Inf	-Inf	32.45	3	Horizontal	344	3.12	-
2447MHz	Pass	PK	2.4842G	65.43	74.00	-8.57	32.61	3	Horizontal	344	3.12	-
2452MHz	Pass	AV	2.4448G	101.50	Inf	-Inf	32.47	3	Vertical	322	2.00	-
2452MHz	Pass	AV	2.483502G	52.20	54.00	-1.80	32.61	3	Vertical	322	2.00	-
2452MHz	Pass	PK	2.4472G	109.85	Inf	-Inf	32.48	3	Vertical	322	2.00	-
2452MHz	Pass	PK	2.4848G	64.68	74.00	-9.32	32.61	3	Vertical	322	2.00	-
2452MHz	Pass	AV	2.4448G	105.63	Inf	-Inf	32.47	3	Horizontal	330	3.04	-
2452MHz	Pass	AV	2.483502G	53.85	54.00	-0.15	32.61	3	Horizontal	330	3.04	-
2452MHz	Pass	PK	2.4472G	113.77	Inf	-Inf	32.48	3	Horizontal	330	3.04	-
2452MHz	Pass	PK	2.4844G	67.38	74.00	-6.62	32.61	3	Horizontal	330	3.04	-
2457MHz	Pass	AV	2.4498G	100.77	Inf	-Inf	32.49	3	Vertical	319	1.99	-
2457MHz	Pass	AV	2.483502G	52.40	54.00	-1.60	32.61	3	Vertical	319	1.99	-
2457MHz	Pass	PK	2.4522G	109.07	Inf	-Inf	32.50	3	Vertical	319	1.99	-
2457MHz	Pass	PK	2.483502G	67.54	74.00	-6.46	32.61	3	Vertical	319	1.99	-
2457MHz	Pass	AV	2.4498G	104.50	Inf	-Inf	32.49	3	Horizontal	2	3.06	-
2457MHz	Pass	AV	2.483502G	53.68	54.00	-0.32	32.61	3	Horizontal	2	3.06	-
2457MHz	Pass	PK	2.4522G	112.66	Inf	-Inf	32.50	3	Horizontal	2	3.06	-
2457MHz	Pass	PK	2.483502G	68.68	74.00	-5.32	32.61	3	Horizontal	2	3.06	-
2462MHz	Pass	AV	2.4548G	96.60	Inf	-Inf	32.51	3	Vertical	325	1.93	-
2462MHz	Pass	AV	2.483502G	51.57	54.00	-2.43	32.61	3	Vertical	325	1.93	-
2462MHz	Pass	PK	2.4572G	105.16	Inf	-Inf	32.52	3	Vertical	325	1.93	-
2462MHz	Pass	PK	2.4844G	65.09	74.00	-8.91	32.61	3	Vertical	325	1.93	-
2462MHz	Pass	AV	2.4548G	99.15	Inf	-Inf	32.51	3	Horizontal	5	3.04	-
2462MHz	Pass	AV	2.483502G	53.34	54.00	-0.66	32.61	3	Horizontal	5	3.04	-
2462MHz	Pass	PK	2.4572G	107.41	Inf	-Inf	32.52	3	Horizontal	5	3.04	-
2462MHz	Pass	PK	2.4842G	68.15	74.00	-5.85	32.61	3	Horizontal	5	3.04	-
2462MHz	Pass	AV	4.924G	38.09	54.00	-15.91	3.25	3	Vertical	87	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.38144G	40.94	54.00	-13.06	9.58	3	Vertical	196	1.50	-
2462MHz	Pass	PK	4.92406G	48.53	74.00	-25.47	3.25	3	Vertical	87	1.50	-
2462MHz	Pass	PK	7.38228G	52.92	74.00	-21.08	9.59	3	Vertical	196	1.50	-
2462MHz	Pass	AV	4.924G	37.45	54.00	-16.55	3.25	3	Horizontal	317	1.16	-
2462MHz	Pass	AV	7.37544G	40.69	54.00	-13.31	9.56	3	Horizontal	220	1.50	-
2462MHz	Pass	PK	4.92508G	49.05	74.00	-24.95	3.25	3	Horizontal	317	1.16	-
2462MHz	Pass	PK	7.3854G	52.89	74.00	-21.11	9.60	3	Horizontal	220	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	52.91	54.00	-1.09	32.28	3	Vertical	333	1.65	-
2412MHz	Pass	AV	2.4042G	97.98	Inf	-Inf	32.33	3	Vertical	333	1.65	-
2412MHz	Pass	PK	2.3886G	67.56	74.00	-6.44	32.27	3	Vertical	333	1.65	-
2412MHz	Pass	PK	2.4046G	105.35	Inf	-Inf	32.33	3	Vertical	333	1.65	-
2412MHz	Pass	AV	2.389998G	53.38	54.00	-0.62	32.28	3	Horizontal	7	3.19	-
2412MHz	Pass	AV	2.4048G	98.87	Inf	-Inf	32.33	3	Horizontal	7	3.19	-
2412MHz	Pass	PK	2.389998G	68.80	74.00	-5.20	32.28	3	Horizontal	7	3.19	-
2412MHz	Pass	PK	2.405G	106.70	Inf	-Inf	32.33	3	Horizontal	7	3.19	-
2412MHz	Pass	AV	4.81638G	37.16	54.00	-16.84	3.02	3	Vertical	10	1.46	-
2412MHz	Pass	PK	4.81482G	50.01	74.00	-23.99	3.01	3	Vertical	10	1.46	-
2412MHz	Pass	AV	4.81872G	37.42	54.00	-16.58	3.02	3	Horizontal	313	1.00	-
2412MHz	Pass	PK	4.8183G	50.23	74.00	-23.77	3.02	3	Horizontal	313	1.00	-
2417MHz	Pass	AV	2.3898G	51.89	54.00	-2.11	32.28	3	Vertical	333	1.50	-
2417MHz	Pass	AV	2.409G	101.77	Inf	-Inf	32.34	3	Vertical	333	1.50	-
2417MHz	Pass	PK	2.3896G	70.61	74.00	-3.39	32.28	3	Vertical	333	1.50	-
2417MHz	Pass	PK	2.42G	109.32	Inf	-Inf	32.38	3	Vertical	333	1.50	-
2417MHz	Pass	AV	2.3898G	53.38	54.00	-0.62	32.28	3	Horizontal	19	3.19	-
2417MHz	Pass	AV	2.409G	103.20	Inf	-Inf	32.34	3	Horizontal	19	3.19	-
2417MHz	Pass	PK	2.3896G	72.39	74.00	-1.61	32.28	3	Horizontal	19	3.19	-
2417MHz	Pass	PK	2.409G	110.98	Inf	-Inf	32.34	3	Horizontal	19	3.19	-
2422MHz	Pass	AV	2.389998G	52.75	54.00	-1.25	32.28	3	Vertical	327	1.98	-
2422MHz	Pass	AV	2.4142G	103.23	Inf	-Inf	32.36	3	Vertical	327	1.98	-
2422MHz	Pass	PK	2.3894G	68.78	74.00	-5.22	32.27	3	Vertical	327	1.98	-
2422MHz	Pass	PK	2.425G	110.85	Inf	-Inf	32.40	3	Vertical	327	1.98	-
2422MHz	Pass	AV	2.389998G	53.07	54.00	-0.93	32.28	3	Horizontal	327	1.98	-
2422MHz	Pass	AV	2.4142G	103.10	Inf	-Inf	32.36	3	Horizontal	327	1.98	-
2422MHz	Pass	PK	2.3888G	69.02	74.00	-4.98	32.27	3	Horizontal	327	1.98	-
2422MHz	Pass	PK	2.415G	110.81	Inf	-Inf	32.36	3	Horizontal	327	1.98	-
2427MHz	Pass	AV	2.389998G	52.42	54.00	-1.58	32.28	3	Vertical	325	1.49	-
2427MHz	Pass	AV	2.424G	103.40	Inf	-Inf	32.40	3	Vertical	325	1.49	-
2427MHz	Pass	PK	2.389998G	67.92	74.00	-6.08	32.28	3	Vertical	325	1.49	-
2427MHz	Pass	PK	2.4226G	111.99	Inf	-Inf	32.39	3	Vertical	325	1.49	-
2427MHz	Pass	AV	2.389998G	52.07	54.00	-1.93	32.28	3	Horizontal	17	3.13	-
2427MHz	Pass	AV	2.42G	104.30	Inf	-Inf	32.38	3	Horizontal	17	3.13	-
2427MHz	Pass	PK	2.3892G	68.01	74.00	-5.99	32.27	3	Horizontal	17	3.13	-
2427MHz	Pass	PK	2.4226G	112.44	Inf	-Inf	32.39	3	Horizontal	17	3.13	-
2437MHz	Pass	AV	2.3898G	50.09	54.00	-3.91	32.28	3	Vertical	329	1.81	-
2437MHz	Pass	AV	2.429G	104.62	Inf	-Inf	32.41	3	Vertical	329	1.81	-
2437MHz	Pass	AV	2.483502G	50.37	54.00	-3.63	32.61	3	Vertical	329	1.81	-
2437MHz	Pass	PK	2.3898G	61.70	74.00	-12.30	32.28	3	Vertical	329	1.81	-
2437MHz	Pass	PK	2.4294G	113.19	Inf	-Inf	32.42	3	Vertical	329	1.81	-

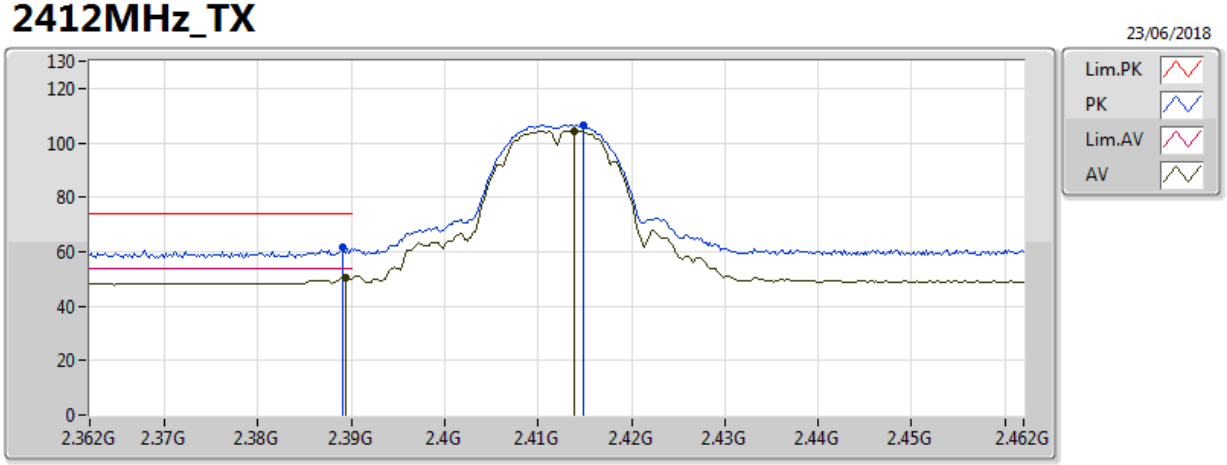
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4878G	62.42	74.00	-11.58	32.63	3	Vertical	329	1.81	-
2437MHz	Pass	AV	2.3898G	50.09	54.00	-3.91	32.28	3	Horizontal	17	3.14	-
2437MHz	Pass	AV	2.429G	103.62	Inf	-Inf	32.41	3	Horizontal	17	3.14	-
2437MHz	Pass	AV	2.483502G	50.13	54.00	-3.87	32.61	3	Horizontal	17	3.14	-
2437MHz	Pass	PK	2.3842G	62.11	74.00	-11.89	32.25	3	Horizontal	17	3.14	-
2437MHz	Pass	PK	2.429G	111.48	Inf	-Inf	32.41	3	Horizontal	17	3.14	-
2437MHz	Pass	PK	2.4854G	61.99	74.00	-12.01	32.61	3	Horizontal	17	3.14	-
2437MHz	Pass	AV	4.8686G	43.63	54.00	-10.37	3.13	3	Vertical	98	1.46	-
2437MHz	Pass	PK	4.86818G	55.81	74.00	-18.19	3.13	3	Vertical	98	1.46	-
2437MHz	Pass	AV	4.86854G	43.00	54.00	-11.00	3.13	3	Horizontal	313	1.02	-
2437MHz	Pass	PK	4.86638G	54.87	74.00	-19.13	3.13	3	Horizontal	313	1.02	-
2452MHz	Pass	AV	2.444G	104.89	Inf	-Inf	32.47	3	Vertical	333	2.20	-
2452MHz	Pass	AV	2.483502G	53.73	54.00	-0.27	32.61	3	Vertical	333	2.20	-
2452MHz	Pass	PK	2.445G	112.75	Inf	-Inf	32.47	3	Vertical	333	2.20	-
2452MHz	Pass	PK	2.4842G	71.89	74.00	-2.11	32.61	3	Vertical	333	2.20	-
2452MHz	Pass	AV	2.445G	104.64	Inf	-Inf	32.47	3	Horizontal	11	3.07	-
2452MHz	Pass	AV	2.483502G	53.90	54.00	-0.10	32.61	3	Horizontal	11	3.07	-
2452MHz	Pass	PK	2.4446G	112.41	Inf	-Inf	32.47	3	Horizontal	11	3.07	-
2452MHz	Pass	PK	2.4836G	72.54	74.00	-1.46	32.61	3	Horizontal	11	3.07	-
2457MHz	Pass	AV	2.4642G	103.51	Inf	-Inf	32.54	3	Vertical	325	2.42	-
2457MHz	Pass	AV	2.483502G	53.23	54.00	-0.77	32.61	3	Vertical	325	2.42	-
2457MHz	Pass	PK	2.464G	111.27	Inf	-Inf	32.54	3	Vertical	325	2.42	-
2457MHz	Pass	PK	2.483502G	72.30	74.00	-1.70	32.61	3	Vertical	325	2.42	-
2457MHz	Pass	AV	2.4492G	103.70	Inf	-Inf	32.49	3	Horizontal	17	3.05	-
2457MHz	Pass	AV	2.483502G	53.73	54.00	-0.27	32.61	3	Horizontal	17	3.05	-
2457MHz	Pass	PK	2.4492G	111.54	Inf	-Inf	32.49	3	Horizontal	17	3.05	-
2457MHz	Pass	PK	2.483502G	72.61	74.00	-1.39	32.61	3	Horizontal	17	3.05	-
2462MHz	Pass	AV	2.4692G	97.97	Inf	-Inf	32.56	3	Vertical	324	1.50	-
2462MHz	Pass	AV	2.483502G	52.31	54.00	-1.69	32.61	3	Vertical	324	1.50	-
2462MHz	Pass	PK	2.469G	105.80	Inf	-Inf	32.56	3	Vertical	324	1.50	-
2462MHz	Pass	PK	2.483502G	66.47	74.00	-7.53	32.61	3	Vertical	324	1.50	-
2462MHz	Pass	AV	2.4542G	98.50	Inf	-Inf	32.51	3	Horizontal	12	3.05	-
2462MHz	Pass	AV	2.4836G	53.09	54.00	-0.91	32.61	3	Horizontal	12	3.05	-
2462MHz	Pass	PK	2.455G	106.07	Inf	-Inf	32.51	3	Horizontal	12	3.05	-
2462MHz	Pass	PK	2.483502G	66.92	74.00	-7.08	32.61	3	Horizontal	12	3.05	-
2462MHz	Pass	AV	4.9168G	37.77	54.00	-16.23	3.24	3	Vertical	87	1.50	-
2462MHz	Pass	PK	4.9183G	51.29	74.00	-22.71	3.24	3	Vertical	87	1.50	-
2462MHz	Pass	AV	4.91836G	37.44	54.00	-16.56	3.24	3	Horizontal	317	1.24	-
2462MHz	Pass	PK	4.91944G	50.27	74.00	-23.73	3.24	3	Horizontal	317	1.24	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3856G	52.18	54.00	-1.82	32.26	3	Vertical	336	1.67	-
2422MHz	Pass	AV	2.4056G	93.51	Inf	-Inf	32.33	3	Vertical	336	1.67	-
2422MHz	Pass	AV	2.4984G	49.92	54.00	-4.08	32.67	3	Vertical	336	1.67	-
2422MHz	Pass	PK	2.3872G	63.32	74.00	-10.68	32.26	3	Vertical	336	1.67	-
2422MHz	Pass	PK	2.406G	100.72	Inf	-Inf	32.33	3	Vertical	336	1.67	-
2422MHz	Pass	PK	2.49G	60.72	74.00	-13.28	32.64	3	Vertical	336	1.67	-
2422MHz	Pass	AV	2.3896G	53.37	54.00	-0.63	32.28	3	Horizontal	8	3.19	-
2422MHz	Pass	AV	2.406G	93.58	Inf	-Inf	32.33	3	Horizontal	8	3.19	-
2422MHz	Pass	AV	2.496G	50.16	54.00	-3.84	32.66	3	Horizontal	8	3.19	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.3896G	64.80	74.00	-9.20	32.28	3	Horizontal	8	3.19	-
2422MHz	Pass	PK	2.406G	100.83	Inf	-Inf	32.33	3	Horizontal	8	3.19	-
2422MHz	Pass	PK	2.4908G	60.72	74.00	-13.28	32.64	3	Horizontal	8	3.19	-
2422MHz	Pass	AV	4.844G	36.38	54.00	-17.62	3.08	3	Vertical	66	1.50	-
2422MHz	Pass	PK	4.844G	48.19	74.00	-25.81	3.08	3	Vertical	66	1.50	-
2422MHz	Pass	AV	4.84406G	36.43	54.00	-17.57	3.08	3	Horizontal	319	1.10	-
2422MHz	Pass	PK	4.84496G	48.07	74.00	-25.93	3.08	3	Horizontal	319	1.10	-
2427MHz	Pass	AV	2.3898G	53.38	54.00	-0.62	32.28	3	Vertical	322	1.65	-
2427MHz	Pass	AV	2.4106G	93.72	Inf	-Inf	32.35	3	Vertical	322	1.65	-
2427MHz	Pass	AV	2.4966G	50.65	54.00	-3.35	32.66	3	Vertical	322	1.65	-
2427MHz	Pass	PK	2.3898G	63.64	74.00	-10.36	32.28	3	Vertical	322	1.65	-
2427MHz	Pass	PK	2.415G	101.34	Inf	-Inf	32.36	3	Vertical	322	1.65	-
2427MHz	Pass	PK	2.4874G	61.63	74.00	-12.37	32.62	3	Vertical	322	1.65	-
2427MHz	Pass	AV	2.3898G	53.22	54.00	-0.78	32.28	3	Horizontal	18	3.19	-
2427MHz	Pass	AV	2.4102G	94.40	Inf	-Inf	32.35	3	Horizontal	18	3.19	-
2427MHz	Pass	AV	2.4986G	50.42	54.00	-3.58	32.67	3	Horizontal	18	3.19	-
2427MHz	Pass	PK	2.3898G	64.08	74.00	-9.92	32.28	3	Horizontal	18	3.19	-
2427MHz	Pass	PK	2.411G	101.63	Inf	-Inf	32.35	3	Horizontal	18	3.19	-
2427MHz	Pass	PK	2.4866G	60.84	74.00	-13.16	32.62	3	Horizontal	18	3.19	-
2432MHz	Pass	AV	2.389998G	53.37	54.00	-0.63	32.28	3	Vertical	329	1.56	-
2432MHz	Pass	AV	2.4224G	95.49	Inf	-Inf	32.39	3	Vertical	329	1.56	-
2432MHz	Pass	AV	2.488G	50.62	54.00	-3.38	32.63	3	Vertical	329	1.56	-
2432MHz	Pass	PK	2.388G	65.31	74.00	-8.69	32.27	3	Vertical	329	1.56	-
2432MHz	Pass	PK	2.42G	102.88	Inf	-Inf	32.38	3	Vertical	329	1.56	-
2432MHz	Pass	PK	2.4932G	61.26	74.00	-12.74	32.64	3	Vertical	329	1.56	-
2432MHz	Pass	AV	2.3896G	53.22	54.00	-0.78	32.28	3	Horizontal	20	3.17	-
2432MHz	Pass	AV	2.4152G	95.75	Inf	-Inf	32.36	3	Horizontal	20	3.17	-
2432MHz	Pass	AV	2.4952G	50.64	54.00	-3.36	32.65	3	Horizontal	20	3.17	-
2432MHz	Pass	PK	2.3884G	64.38	74.00	-9.62	32.27	3	Horizontal	20	3.17	-
2432MHz	Pass	PK	2.4148G	102.79	Inf	-Inf	32.36	3	Horizontal	20	3.17	-
2432MHz	Pass	PK	2.4964G	60.66	74.00	-13.34	32.66	3	Horizontal	20	3.17	-
2437MHz	Pass	AV	2.3898G	53.53	54.00	-0.47	32.28	3	Vertical	332	1.87	-
2437MHz	Pass	AV	2.421G	97.76	Inf	-Inf	32.39	3	Vertical	332	1.87	-
2437MHz	Pass	AV	2.483502G	51.28	54.00	-2.72	32.61	3	Vertical	332	1.87	-
2437MHz	Pass	PK	2.3898G	65.15	74.00	-8.85	32.28	3	Vertical	332	1.87	-
2437MHz	Pass	PK	2.421G	105.34	Inf	-Inf	32.39	3	Vertical	332	1.87	-
2437MHz	Pass	PK	2.485G	62.85	74.00	-11.15	32.61	3	Vertical	332	1.87	-
2437MHz	Pass	AV	2.3898G	52.41	54.00	-1.59	32.28	3	Horizontal	18	3.14	-
2437MHz	Pass	AV	2.4206G	96.75	Inf	-Inf	32.38	3	Horizontal	18	3.14	-
2437MHz	Pass	AV	2.483502G	51.28	54.00	-2.72	32.61	3	Horizontal	18	3.14	-
2437MHz	Pass	PK	2.3878G	64.54	74.00	-9.46	32.27	3	Horizontal	18	3.14	-
2437MHz	Pass	PK	2.425G	104.24	Inf	-Inf	32.40	3	Horizontal	18	3.14	-
2437MHz	Pass	PK	2.483502G	62.58	74.00	-11.42	32.61	3	Horizontal	18	3.14	-
2437MHz	Pass	AV	4.87412G	40.48	54.00	-13.52	3.14	3	Vertical	92	1.67	-
2437MHz	Pass	PK	4.87502G	52.96	74.00	-21.04	3.15	3	Vertical	92	1.67	-
2437MHz	Pass	AV	4.87418G	38.66	54.00	-15.34	3.14	3	Horizontal	316	1.13	-
2437MHz	Pass	PK	4.87688G	51.53	74.00	-22.47	3.15	3	Horizontal	316	1.13	-
2442MHz	Pass	AV	2.389998G	50.52	54.00	-3.48	32.28	3	Vertical	334	1.85	-
2442MHz	Pass	AV	2.4252G	97.63	Inf	-Inf	32.40	3	Vertical	334	1.85	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2442MHz	Pass	AV	2.4856G	52.12	54.00	-1.88	32.62	3	Vertical	334	1.85	-
2442MHz	Pass	PK	2.3468G	60.65	74.00	-13.35	32.12	3	Vertical	334	1.85	-
2442MHz	Pass	PK	2.426G	105.67	Inf	-Inf	32.40	3	Vertical	334	1.85	-
2442MHz	Pass	PK	2.4844G	63.12	74.00	-10.88	32.61	3	Vertical	334	1.85	-
2442MHz	Pass	AV	2.3896G	50.93	54.00	-3.07	32.28	3	Horizontal	8	3.14	-
2442MHz	Pass	AV	2.4252G	96.44	Inf	-Inf	32.40	3	Horizontal	8	3.14	-
2442MHz	Pass	AV	2.483502G	52.31	54.00	-1.69	32.61	3	Horizontal	8	3.14	-
2442MHz	Pass	PK	2.389998G	61.01	74.00	-12.99	32.28	3	Horizontal	8	3.14	-
2442MHz	Pass	PK	2.4296G	103.91	Inf	-Inf	32.42	3	Horizontal	8	3.14	-
2442MHz	Pass	PK	2.484G	63.23	74.00	-10.77	32.61	3	Horizontal	8	3.14	-
2447MHz	Pass	AV	2.3838G	50.22	54.00	-3.78	32.25	3	Vertical	325	2.00	-
2447MHz	Pass	AV	2.4298G	97.16	Inf	-Inf	32.42	3	Vertical	325	2.00	-
2447MHz	Pass	AV	2.483502G	53.56	54.00	-0.44	32.61	3	Vertical	325	2.00	-
2447MHz	Pass	PK	2.377G	60.72	74.00	-13.28	32.22	3	Vertical	325	2.00	-
2447MHz	Pass	PK	2.4302G	103.90	Inf	-Inf	32.42	3	Vertical	325	2.00	-
2447MHz	Pass	PK	2.483502G	64.89	74.00	-9.11	32.61	3	Vertical	325	2.00	-
2447MHz	Pass	AV	2.3894G	49.61	54.00	-4.39	32.27	3	Horizontal	19	3.12	-
2447MHz	Pass	AV	2.4298G	96.40	Inf	-Inf	32.42	3	Horizontal	19	3.12	-
2447MHz	Pass	AV	2.483502G	53.22	54.00	-0.78	32.61	3	Horizontal	19	3.12	-
2447MHz	Pass	PK	2.3874G	59.67	74.00	-14.33	32.26	3	Horizontal	19	3.12	-
2447MHz	Pass	PK	2.431G	103.47	Inf	-Inf	32.42	3	Horizontal	19	3.12	-
2447MHz	Pass	PK	2.4854G	64.85	74.00	-9.15	32.61	3	Horizontal	19	3.12	-
2452MHz	Pass	AV	2.3748G	49.76	54.00	-4.24	32.22	3	Vertical	329	1.82	-
2452MHz	Pass	AV	2.436G	95.22	Inf	-Inf	32.44	3	Vertical	329	1.82	-
2452MHz	Pass	AV	2.484G	53.56	54.00	-0.44	32.61	3	Vertical	329	1.82	-
2452MHz	Pass	PK	2.356G	60.40	74.00	-13.60	32.15	3	Vertical	329	1.82	-
2452MHz	Pass	PK	2.4396G	102.71	Inf	-Inf	32.45	3	Vertical	329	1.82	-
2452MHz	Pass	PK	2.4848G	64.26	74.00	-9.74	32.61	3	Vertical	329	1.82	-
2452MHz	Pass	AV	2.3568G	49.51	54.00	-4.49	32.16	3	Horizontal	6	3.08	-
2452MHz	Pass	AV	2.4348G	94.53	Inf	-Inf	32.44	3	Horizontal	6	3.08	-
2452MHz	Pass	AV	2.483502G	52.69	54.00	-1.31	32.61	3	Horizontal	6	3.08	-
2452MHz	Pass	PK	2.3812G	59.83	74.00	-14.17	32.24	3	Horizontal	6	3.08	-
2452MHz	Pass	PK	2.44G	102.00	Inf	-Inf	32.45	3	Horizontal	6	3.08	-
2452MHz	Pass	PK	2.483502G	63.43	74.00	-10.57	32.61	3	Horizontal	6	3.08	-
2452MHz	Pass	AV	4.904G	39.52	54.00	-14.48	3.21	3	Vertical	91	1.50	-
2452MHz	Pass	PK	4.90796G	50.29	74.00	-23.71	3.22	3	Vertical	91	1.50	-
2452MHz	Pass	AV	4.90682G	37.33	54.00	-16.67	3.21	3	Horizontal	319	1.02	-
2452MHz	Pass	PK	4.90682G	48.15	74.00	-25.85	3.21	3	Horizontal	319	1.02	-

802.11b_Nss1,(1Mbps)_1TX

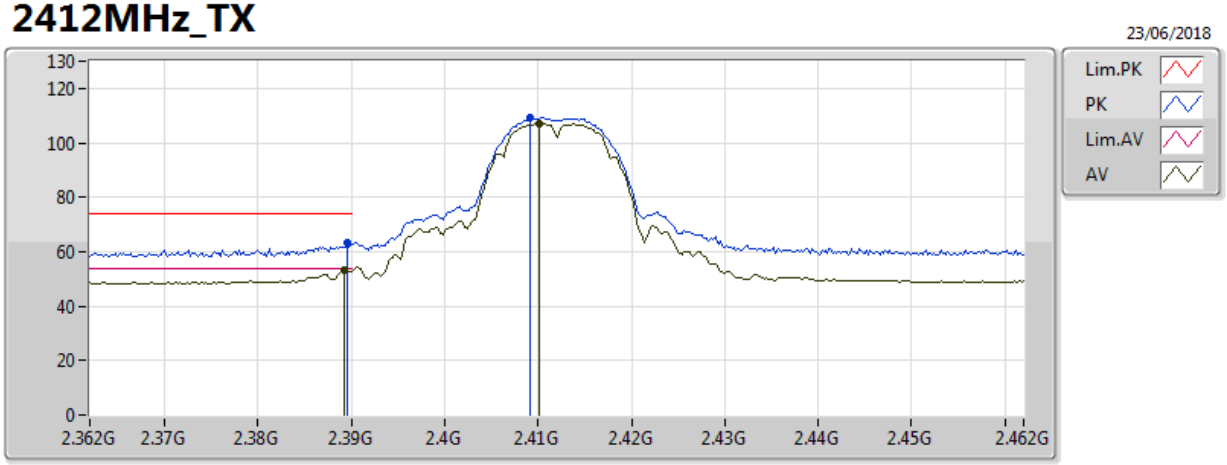
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	50.50	54.00	-3.50	32.27	3	Vertical	321	1.54	-
AV	2.4138G	104.44	Inf	-Inf	32.36	3	Vertical	321	1.54	-
PK	2.389G	61.52	74.00	-12.48	32.27	3	Vertical	321	1.54	-
PK	2.4148G	106.58	Inf	-Inf	32.36	3	Vertical	321	1.54	-

802.11b_Nss1,(1Mbps)_1TX

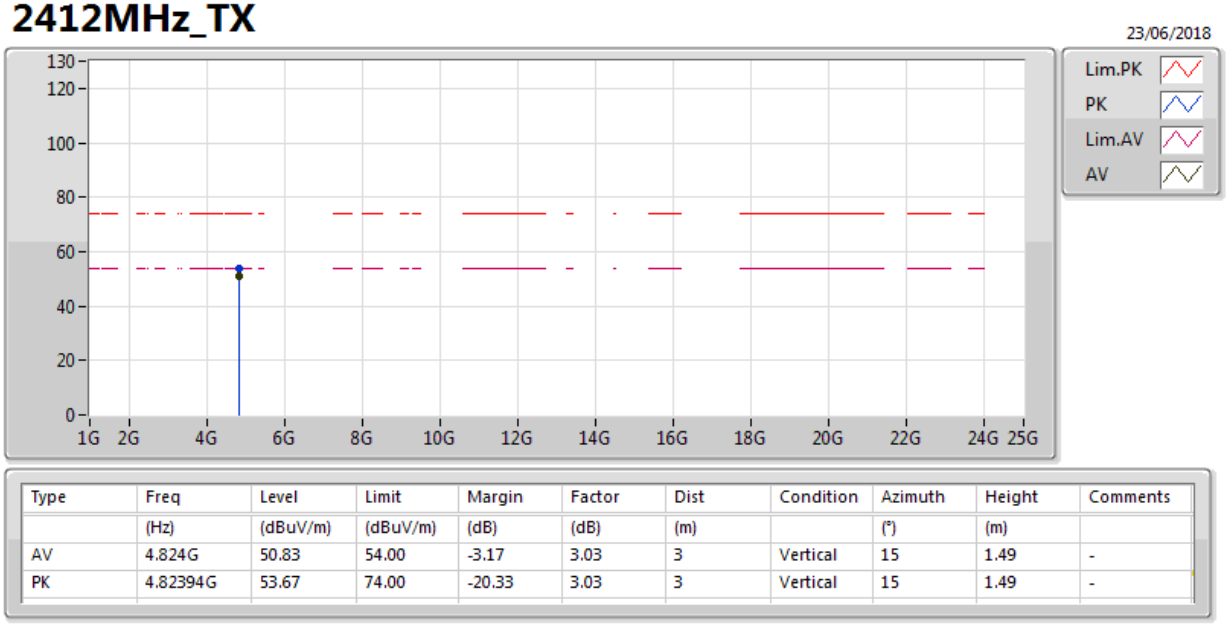
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3892G	53.21	54.00	-0.79	32.27	3	Horizontal	9	3.19	-
AV	2.4102G	107.10	Inf	-Inf	32.35	3	Horizontal	9	3.19	-
PK	2.3896G	63.18	74.00	-10.82	32.28	3	Horizontal	9	3.19	-
PK	2.4092G	109.23	Inf	-Inf	32.34	3	Horizontal	9	3.19	-

802.11b_Nss1,(1Mbps)_1TX

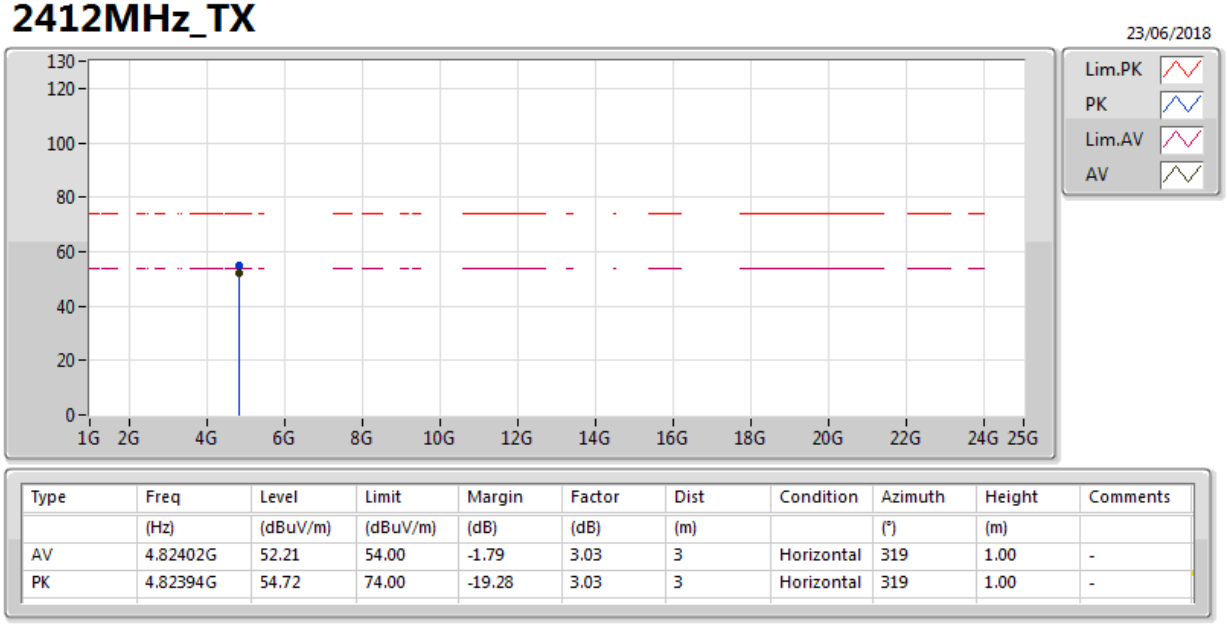
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.824G	50.83	54.00	-3.17	3.03	3	Vertical	15	1.49	-
PK	4.82394G	53.67	74.00	-20.33	3.03	3	Vertical	15	1.49	-

802.11b_Nss1,(1Mbps)_1TX

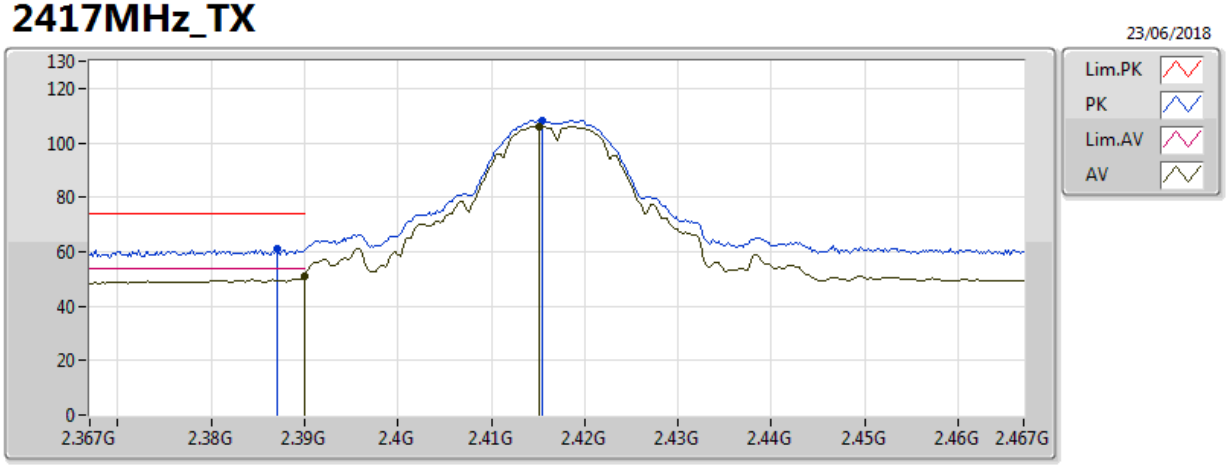
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82402G	52.21	54.00	-1.79	3.03	3	Horizontal	319	1.00	-
PK	4.82394G	54.72	74.00	-19.28	3.03	3	Horizontal	319	1.00	-

802.11b_Nss1,(1Mbps)_1TX

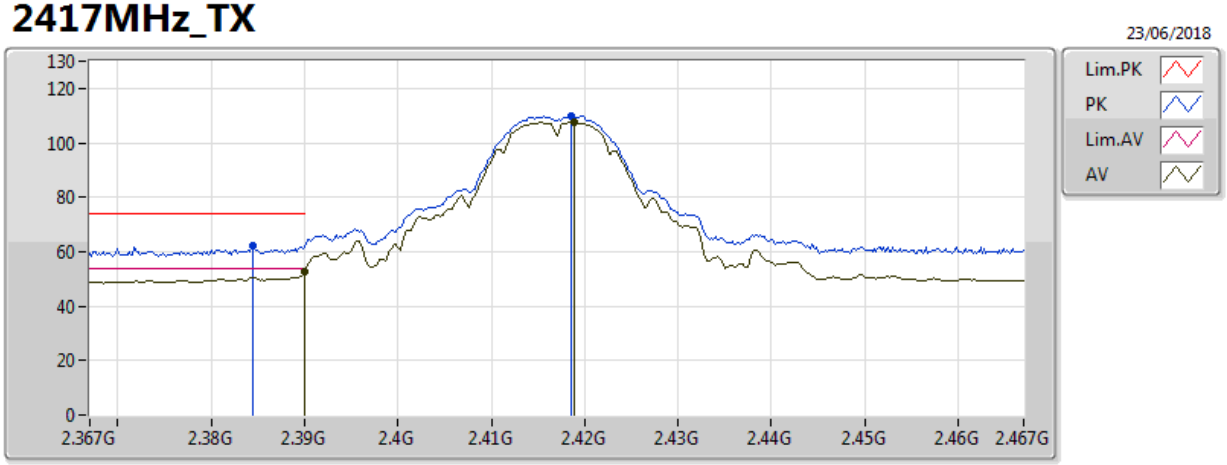
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	51.21	54.00	-2.79	32.28	3	Vertical	324	1.53	-
AV	2.4152G	106.12	Inf	-Inf	32.36	3	Vertical	324	1.53	-
PK	2.387G	60.81	74.00	-13.19	32.26	3	Vertical	324	1.53	-
PK	2.4154G	108.26	Inf	-Inf	32.37	3	Vertical	324	1.53	-

802.11b_Nss1,(1Mbps)_1TX

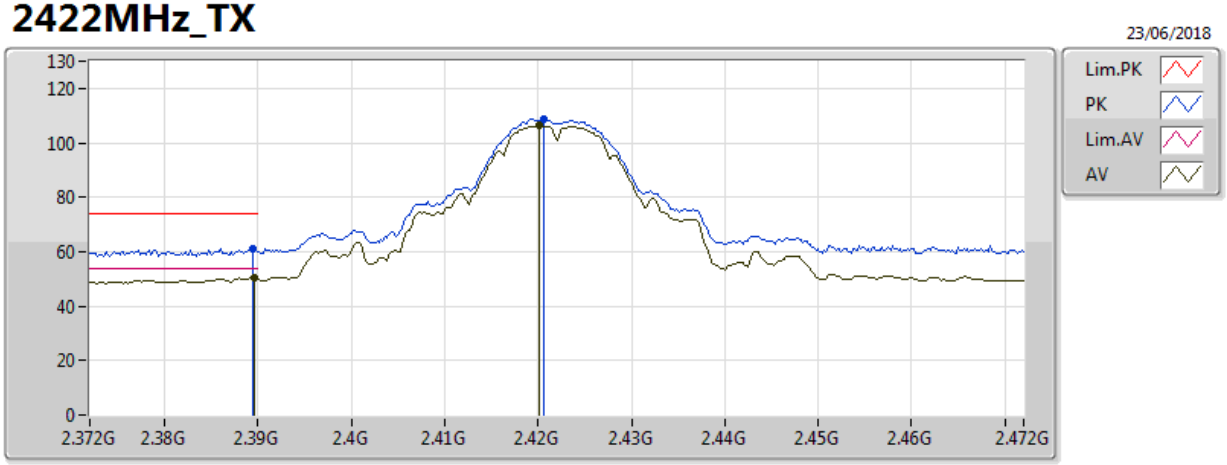
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.52	54.00	-1.48	32.28	3	Horizontal	22	2.88	-
AV	2.4188G	107.67	Inf	-Inf	32.38	3	Horizontal	22	2.88	-
PK	2.3844G	62.18	74.00	-11.82	32.25	3	Horizontal	22	2.88	-
PK	2.4186G	109.75	Inf	-Inf	32.38	3	Horizontal	22	2.88	-

802.11b_Nss1,(1Mbps)_1TX

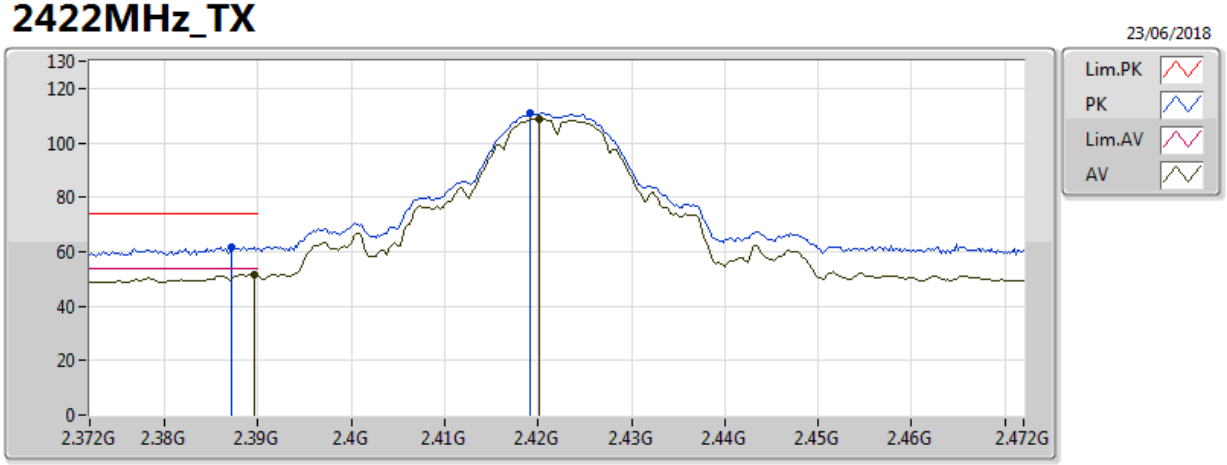
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	50.36	54.00	-3.64	32.28	3	Vertical	326	1.50	-
AV	2.4202G	106.40	Inf	-Inf	32.38	3	Vertical	326	1.50	-
PK	2.3894G	61.16	74.00	-12.84	32.27	3	Vertical	326	1.50	-
PK	2.4206G	108.53	Inf	-Inf	32.38	3	Vertical	326	1.50	-

802.11b_Nss1,(1Mbps)_1TX

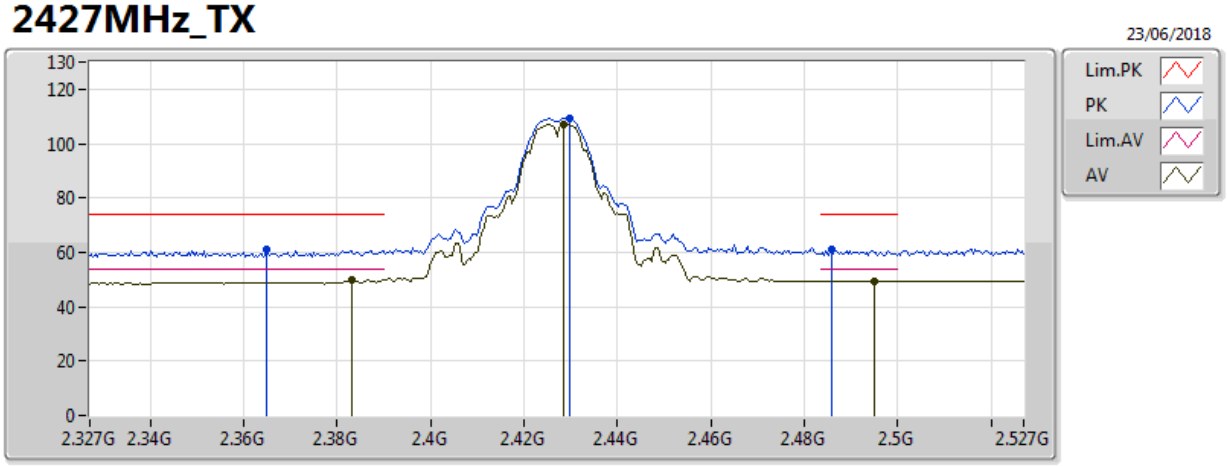
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	51.61	54.00	-2.39	32.28	3	Horizontal	22	2.88	-
AV	2.4202G	108.88	Inf	-Inf	32.38	3	Horizontal	22	2.88	-
PK	2.3872G	61.83	74.00	-12.17	32.26	3	Horizontal	22	2.88	-
PK	2.4192G	110.96	Inf	-Inf	32.38	3	Horizontal	22	2.88	-

802.11b_Nss1,(1Mbps)_1TX

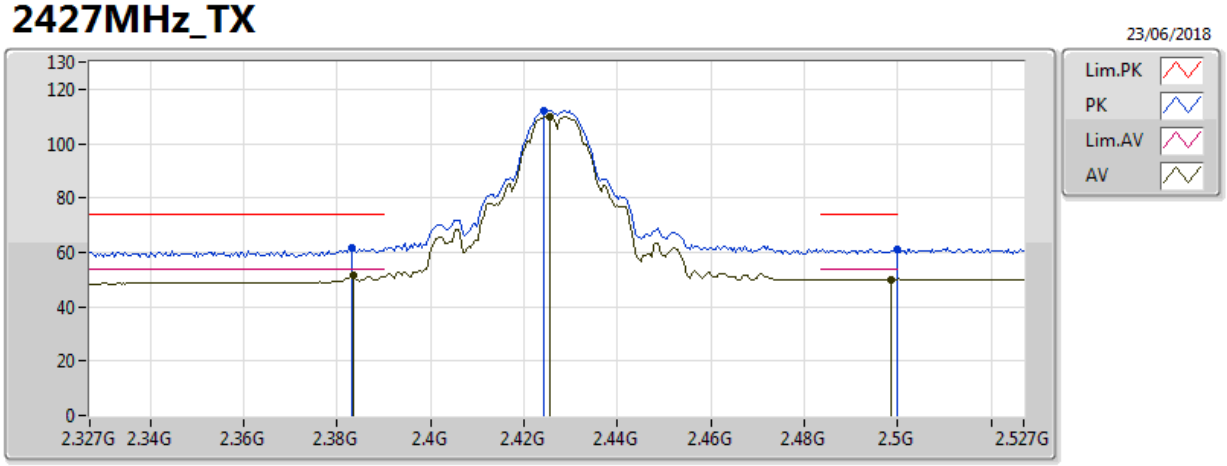
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.383G	49.83	54.00	-4.17	32.25	3	Vertical	330	2.24	-
AV	2.4286G	107.28	Inf	-Inf	32.41	3	Vertical	330	2.24	-
AV	2.495G	49.39	54.00	-4.61	32.65	3	Vertical	330	2.24	-
PK	2.365G	61.30	74.00	-12.70	32.19	3	Vertical	330	2.24	-
PK	2.4298G	109.37	Inf	-Inf	32.42	3	Vertical	330	2.24	-
PK	2.4858G	61.26	74.00	-12.74	32.62	3	Vertical	330	2.24	-

802.11b_Nss1,(1Mbps)_1TX

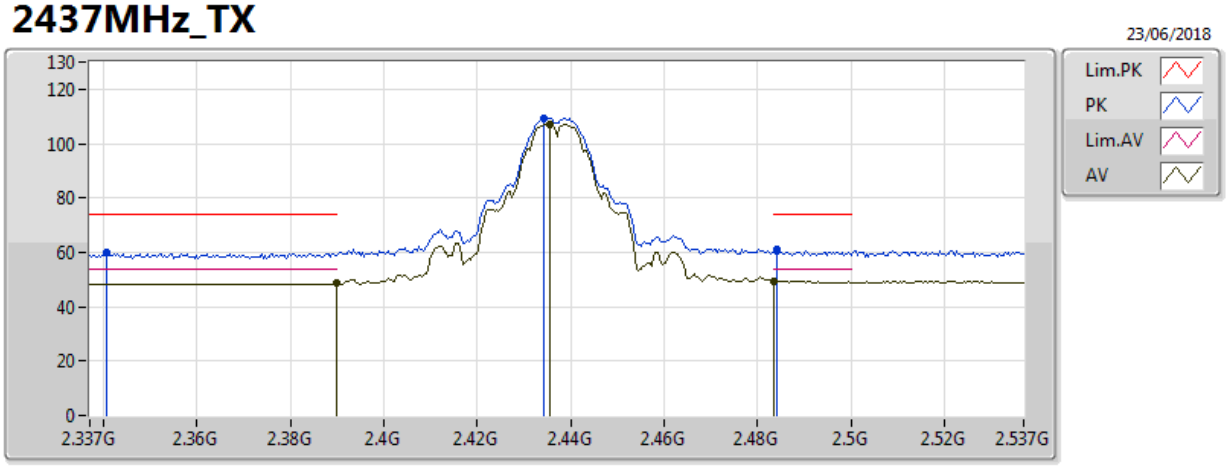
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3834G	51.33	54.00	-2.67	32.25	3	Horizontal	326	3.12	-
AV	2.4254G	110.03	Inf	-Inf	32.40	3	Horizontal	326	3.12	-
AV	2.4986G	49.95	54.00	-4.05	32.67	3	Horizontal	326	3.12	-
PK	2.383G	61.80	74.00	-12.20	32.25	3	Horizontal	326	3.12	-
PK	2.4242G	112.22	Inf	-Inf	32.40	3	Horizontal	326	3.12	-
PK	2.4998G	60.95	74.00	-13.05	32.67	3	Horizontal	326	3.12	-

802.11b_Nss1,(1Mbps)_1TX

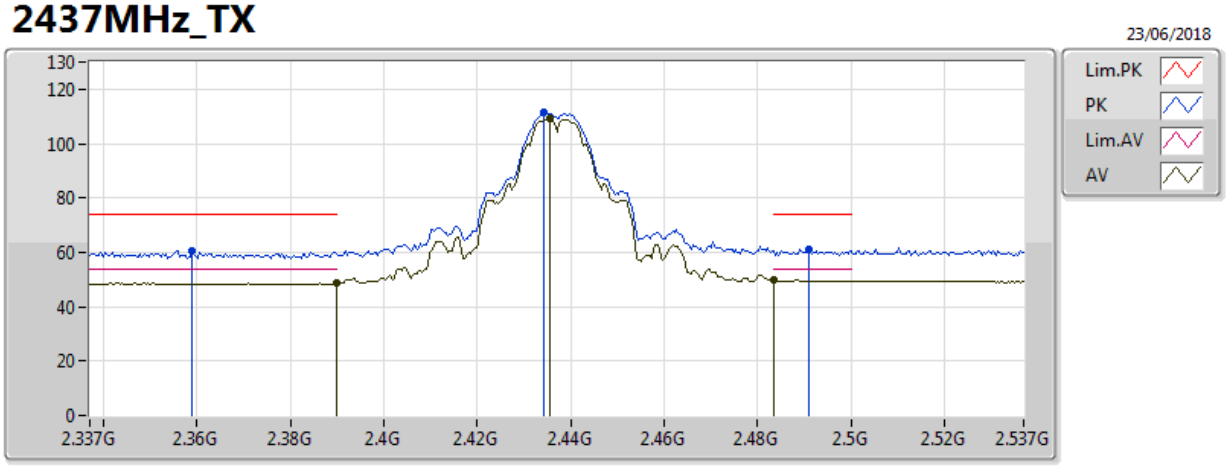
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.63	54.00	-5.37	32.28	3	Vertical	324	2.21	-
AV	2.4354G	107.17	Inf	-Inf	32.44	3	Vertical	324	2.21	-
AV	2.483502G	49.35	54.00	-4.65	32.61	3	Vertical	324	2.21	-
PK	2.3406G	60.04	74.00	-13.96	32.10	3	Vertical	324	2.21	-
PK	2.4342G	109.27	Inf	-Inf	32.43	3	Vertical	324	2.21	-
PK	2.4842G	60.83	74.00	-13.17	32.61	3	Vertical	324	2.21	-

802.11b_Nss1,(1Mbps)_1TX

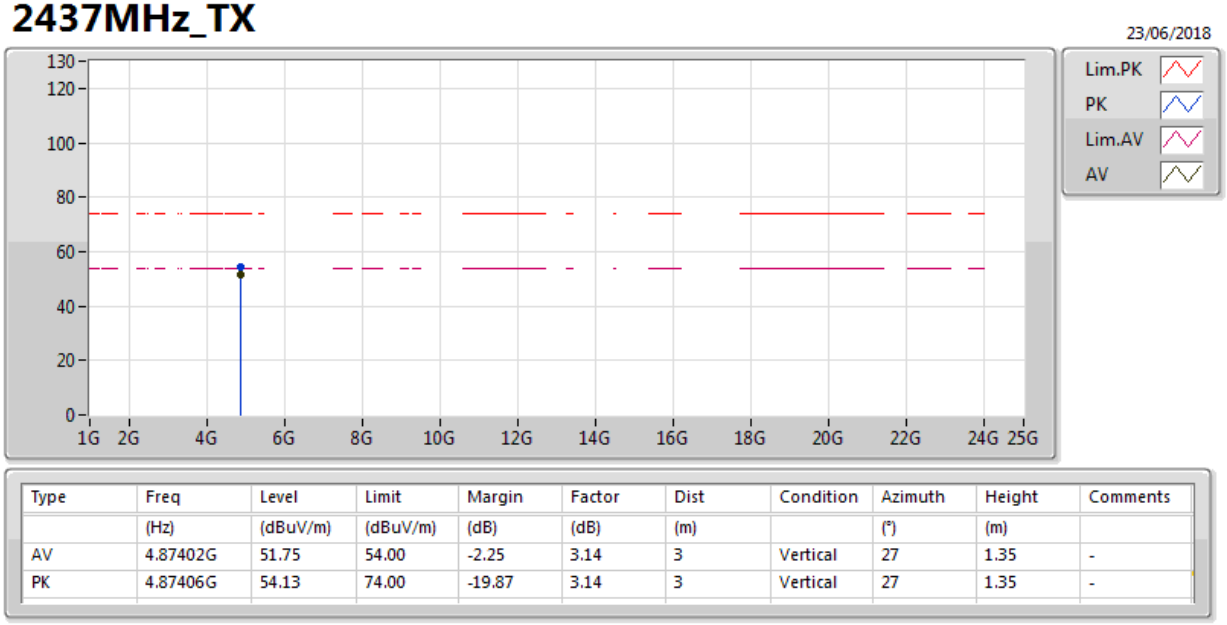
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.63	54.00	-5.37	32.28	3	Horizontal	21	3.09	-
AV	2.4354G	109.10	Inf	-Inf	32.44	3	Horizontal	21	3.09	-
AV	2.483502G	49.87	54.00	-4.13	32.61	3	Horizontal	21	3.09	-
PK	2.359G	60.51	74.00	-13.49	32.16	3	Horizontal	21	3.09	-
PK	2.4342G	111.25	Inf	-Inf	32.43	3	Horizontal	21	3.09	-
PK	2.491G	61.26	74.00	-12.74	32.64	3	Horizontal	21	3.09	-

802.11b_Nss1,(1Mbps)_1TX

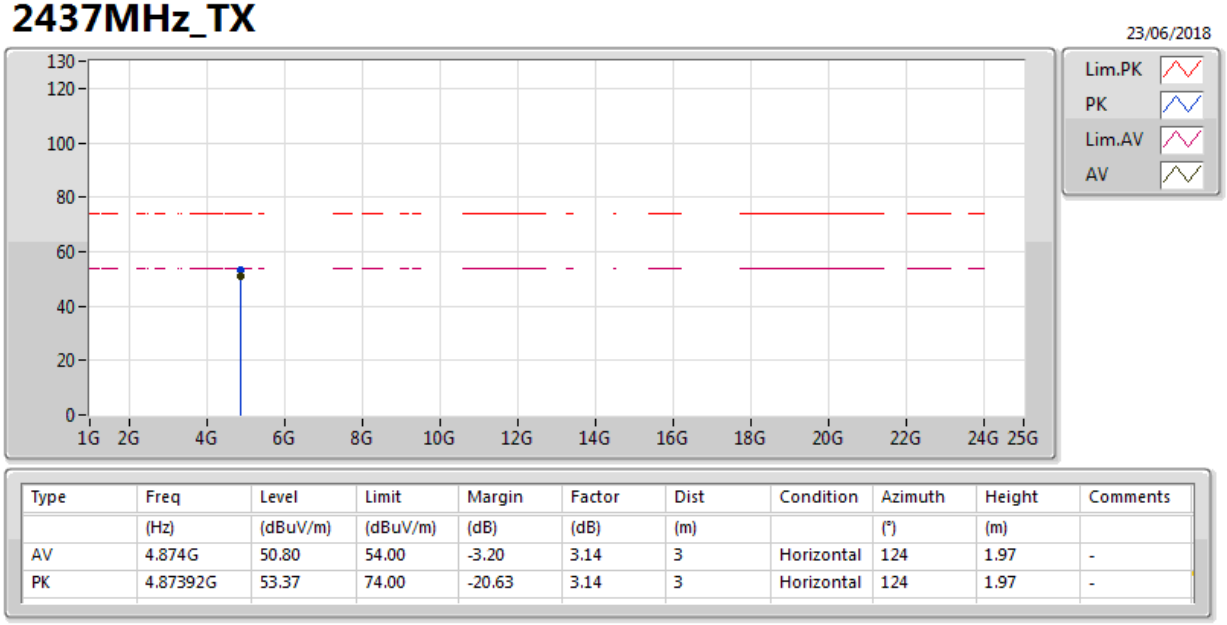
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87402G	51.75	54.00	-2.25	3.14	3	Vertical	27	1.35	-
PK	4.87406G	54.13	74.00	-19.87	3.14	3	Vertical	27	1.35	-

802.11b_Nss1,(1Mbps)_1TX

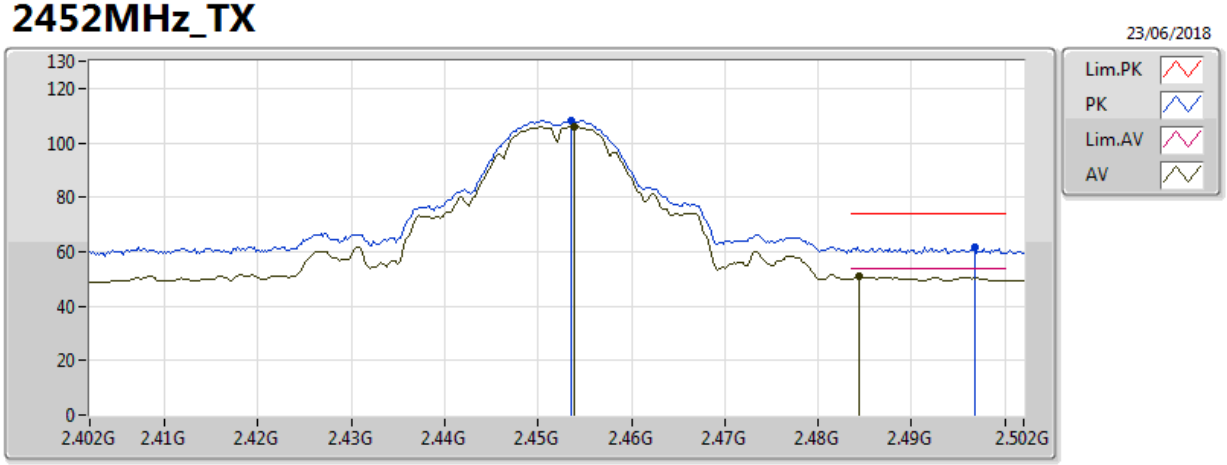
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	50.80	54.00	-3.20	3.14	3	Horizontal	124	1.97	-
PK	4.87392G	53.37	74.00	-20.63	3.14	3	Horizontal	124	1.97	-

802.11b_Nss1,(1Mbps)_1TX

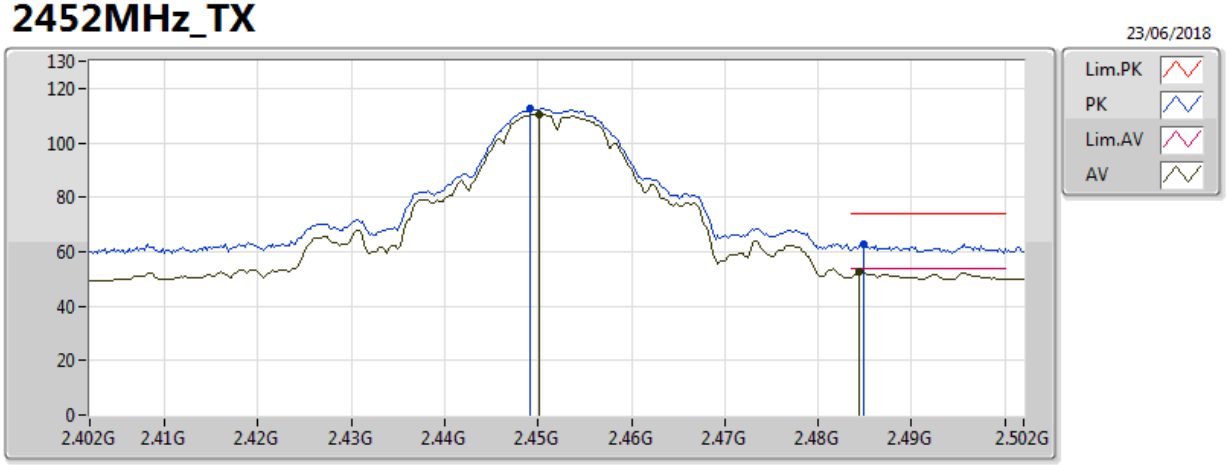
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4538G	106.08	Inf	-Inf	32.50	3	Vertical	320	1.50	-
AV	2.4844G	50.89	54.00	-3.11	32.61	3	Vertical	320	1.50	-
PK	2.4536G	108.13	Inf	-Inf	32.50	3	Vertical	320	1.50	-
PK	2.4968G	61.88	74.00	-12.12	32.66	3	Vertical	320	1.50	-

802.11b_Nss1,(1Mbps)_1TX

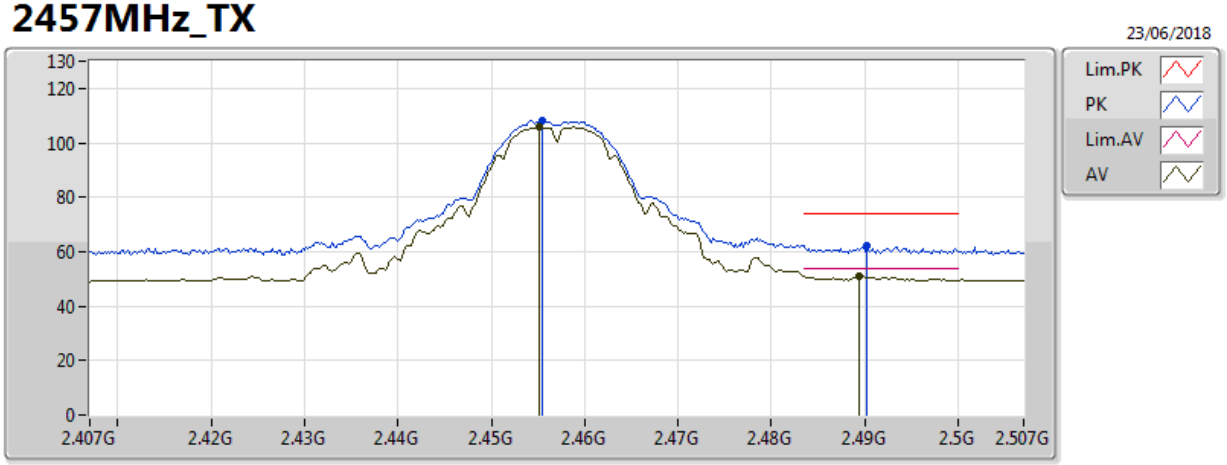
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4502G	110.57	Inf	-Inf	32.49	3	Horizontal	342	3.05	-
AV	2.4844G	52.59	54.00	-1.41	32.61	3	Horizontal	342	3.05	-
PK	2.4492G	112.72	Inf	-Inf	32.49	3	Horizontal	342	3.05	-
PK	2.4848G	62.86	74.00	-11.14	32.61	3	Horizontal	342	3.05	-

802.11b_Nss1,(1Mbps)_1TX

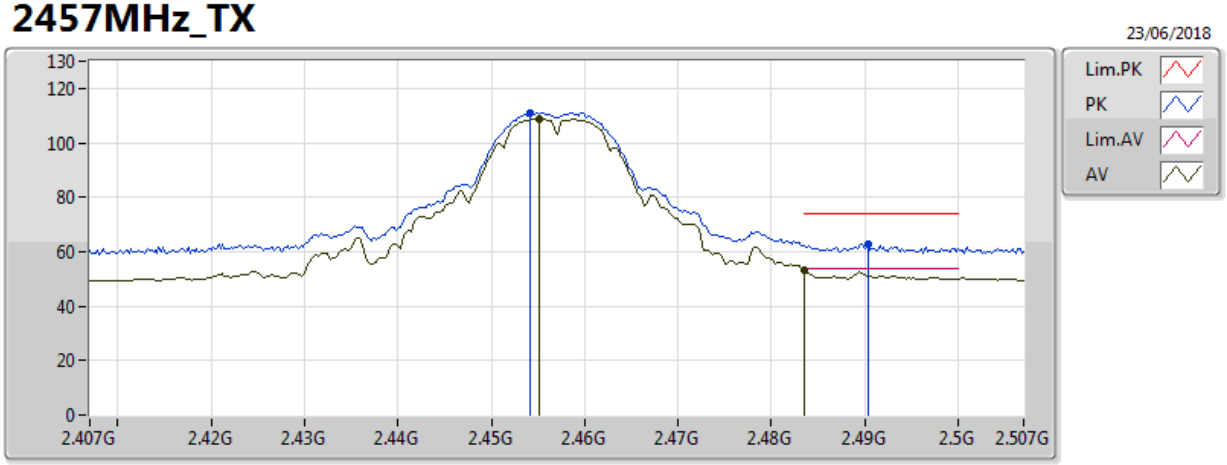
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4552G	105.83	Inf	-Inf	32.51	3	Vertical	318	1.50	-
AV	2.4894G	51.14	54.00	-2.86	32.63	3	Vertical	318	1.50	-
PK	2.4554G	107.95	Inf	-Inf	32.51	3	Vertical	318	1.50	-
PK	2.4902G	62.30	74.00	-11.70	32.64	3	Vertical	318	1.50	-

802.11b_Nss1,(1Mbps)_1TX

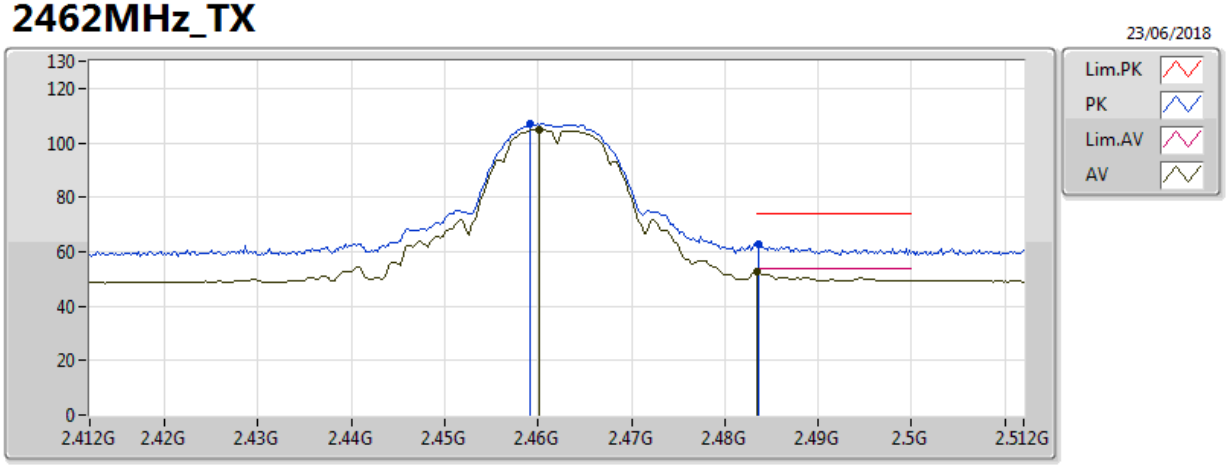
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4552G	108.91	Inf	-Inf	32.51	3	Horizontal	351	3.05	-
AV	2.483502G	52.97	54.00	-1.03	32.61	3	Horizontal	351	3.05	-
PK	2.4542G	111.21	Inf	-Inf	32.51	3	Horizontal	351	3.05	-
PK	2.4904G	62.77	74.00	-11.23	32.64	3	Horizontal	351	3.05	-

802.11b_Nss1,(1Mbps)_1TX

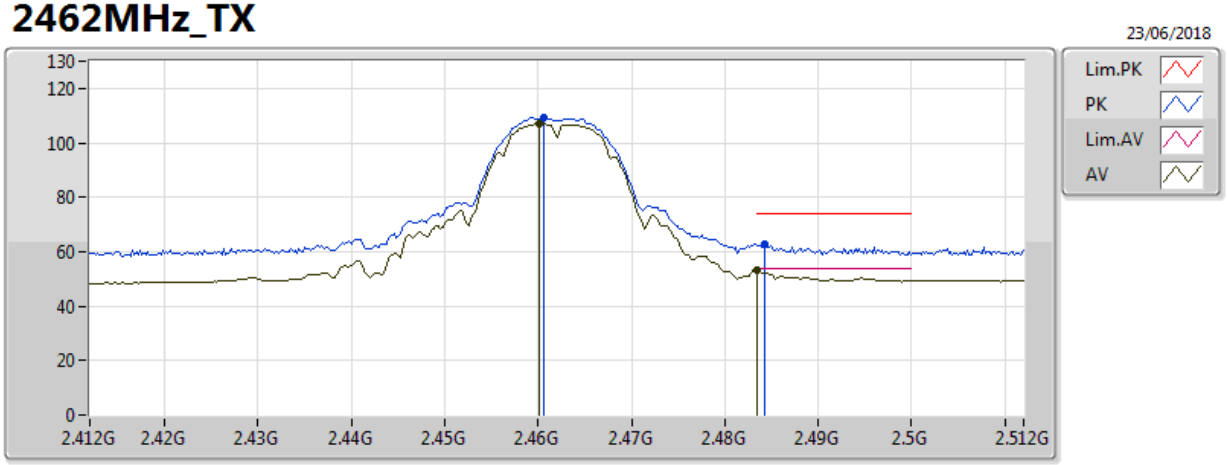
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4602G	104.98	Inf	-Inf	32.53	3	Vertical	328	1.59	-
AV	2.483502G	52.50	54.00	-1.50	32.61	3	Vertical	328	1.59	-
PK	2.4592G	107.12	Inf	-Inf	32.52	3	Vertical	328	1.59	-
PK	2.4836G	62.74	74.00	-11.26	32.61	3	Vertical	328	1.59	-

802.11b_Nss1,(1Mbps)_1TX

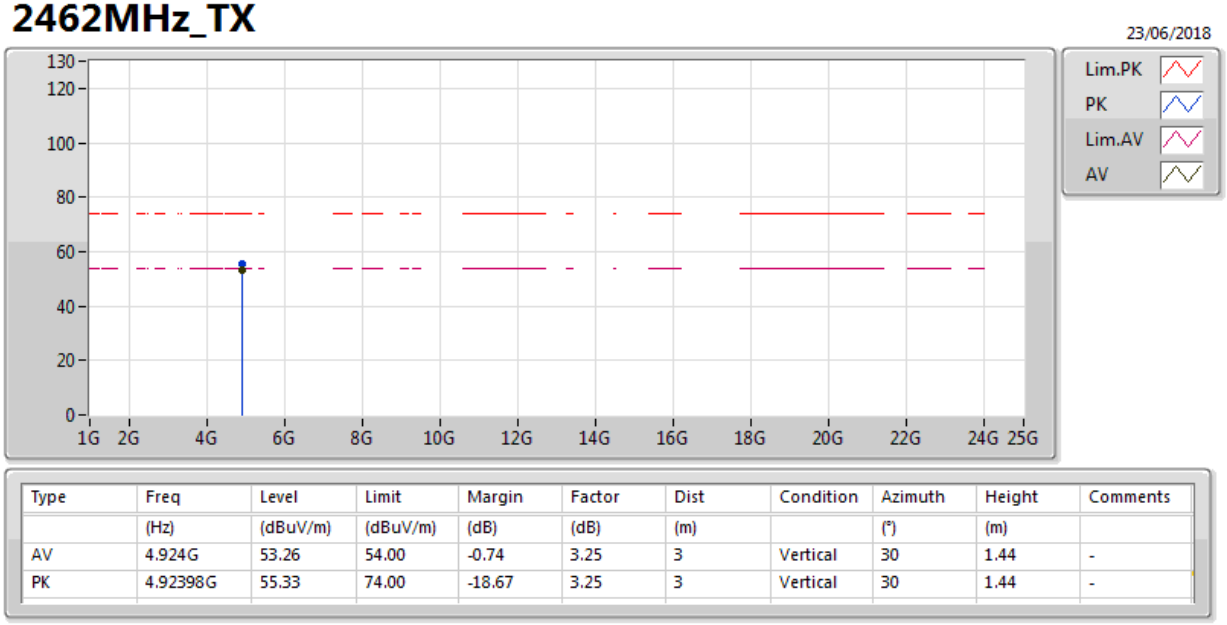
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4602G	107.16	Inf	-Inf	32.53	3	Horizontal	30	3.05	-
AV	2.483502G	53.40	54.00	-0.60	32.61	3	Horizontal	30	3.05	-
PK	2.4606G	109.29	Inf	-Inf	32.53	3	Horizontal	30	3.05	-
PK	2.4842G	62.58	74.00	-11.42	32.61	3	Horizontal	30	3.05	-

802.11b_Nss1,(1Mbps)_1TX

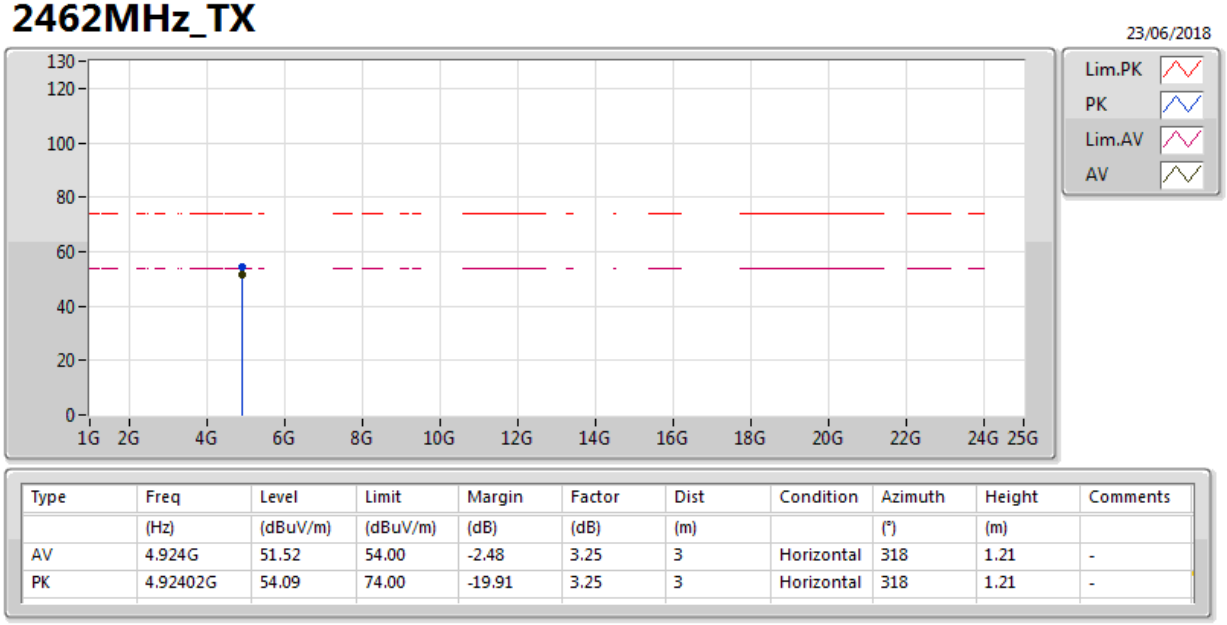
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	53.26	54.00	-0.74	3.25	3	Vertical	30	1.44	-
PK	4.92398G	55.33	74.00	-18.67	3.25	3	Vertical	30	1.44	-

802.11b_Nss1,(1Mbps)_1TX

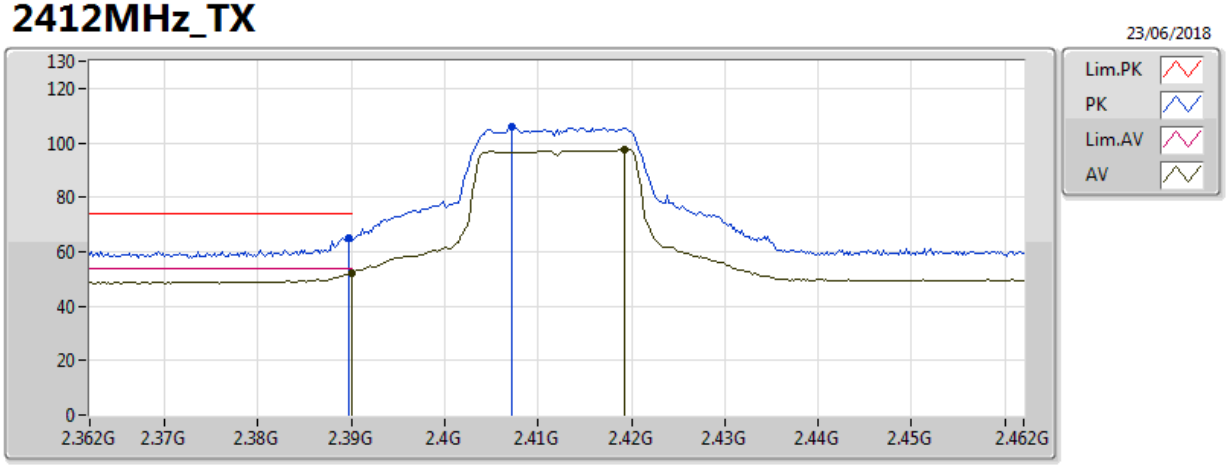
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	51.52	54.00	-2.48	3.25	3	Horizontal	318	1.21	-
PK	4.92402G	54.09	74.00	-19.91	3.25	3	Horizontal	318	1.21	-

802.11g_Nss1,(6Mbps)_1TX

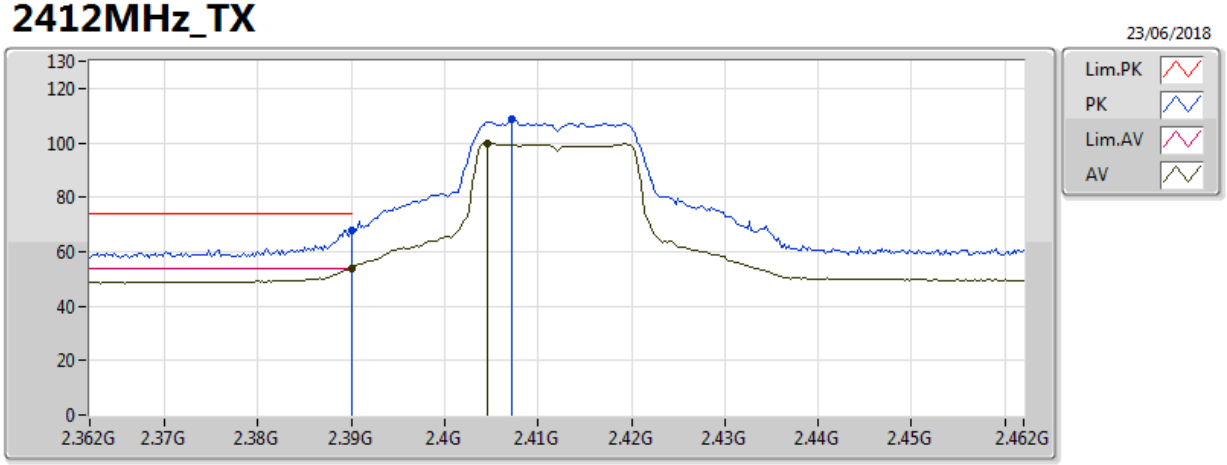
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.17	54.00	-1.83	32.28	3	Vertical	325	1.54	-
AV	2.4192G	97.71	Inf	-Inf	32.38	3	Vertical	325	1.54	-
PK	2.3898G	65.21	74.00	-8.79	32.28	3	Vertical	325	1.54	-
PK	2.4072G	105.76	Inf	-Inf	32.34	3	Vertical	325	1.54	-

802.11g_Nss1,(6Mbps)_1TX

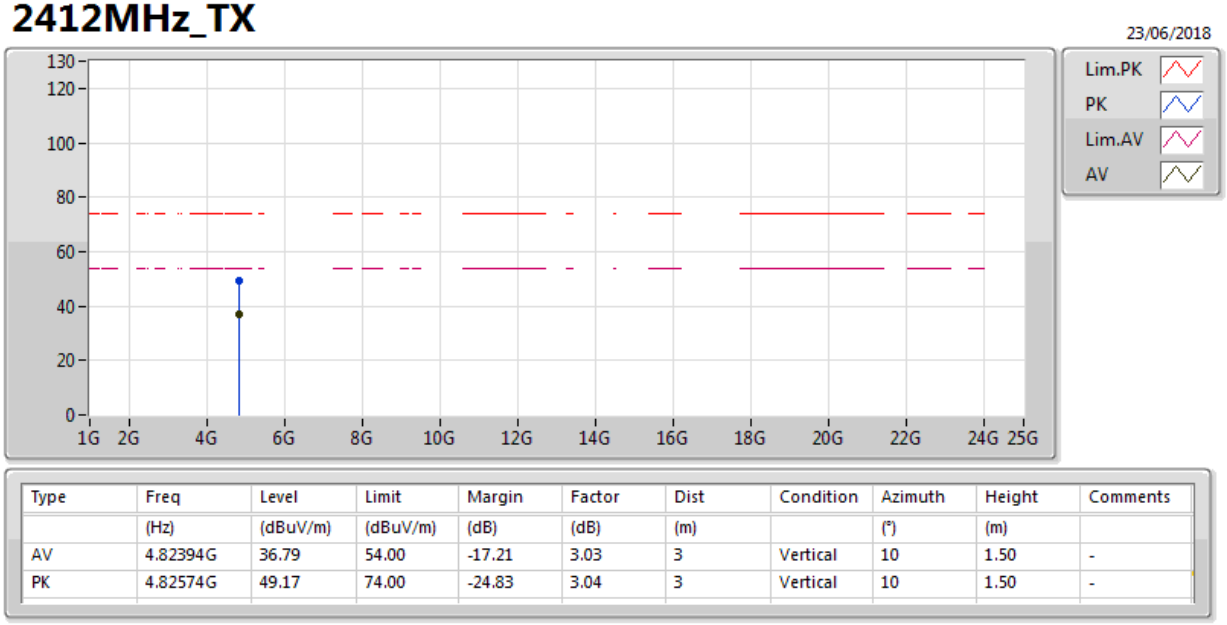
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.82	54.00	-0.18	32.28	3	Horizontal	11	2.86	-
AV	2.4046G	99.98	Inf	-Inf	32.33	3	Horizontal	11	2.86	-
PK	2.389998G	67.75	74.00	-6.25	32.28	3	Horizontal	11	2.86	-
PK	2.4072G	108.51	Inf	-Inf	32.34	3	Horizontal	11	2.86	-

802.11g_Nss1,(6Mbps)_1TX

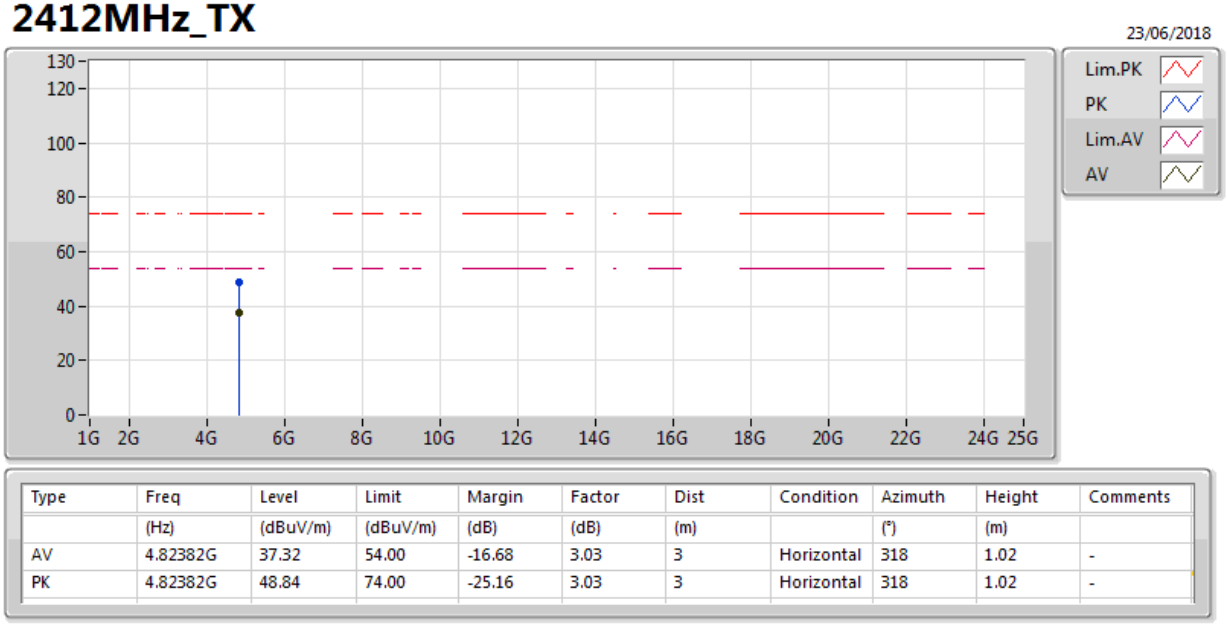
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82394G	36.79	54.00	-17.21	3.03	3	Vertical	10	1.50	-
PK	4.82574G	49.17	74.00	-24.83	3.04	3	Vertical	10	1.50	-

802.11g_Nss1,(6Mbps)_1TX

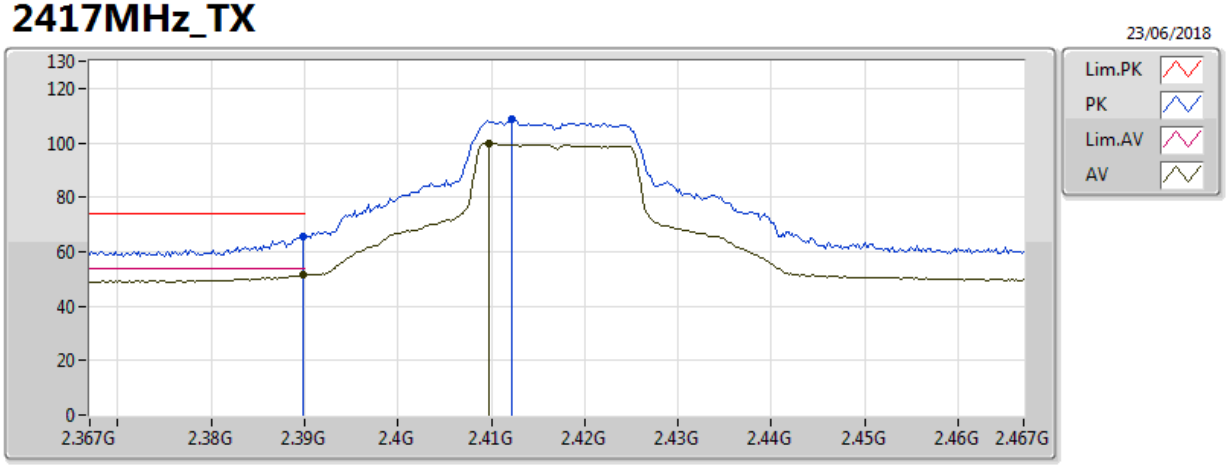
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82382G	37.32	54.00	-16.68	3.03	3	Horizontal	318	1.02	-
PK	4.82382G	48.84	74.00	-25.16	3.03	3	Horizontal	318	1.02	-

802.11g_Nss1,(6Mbps)_1TX

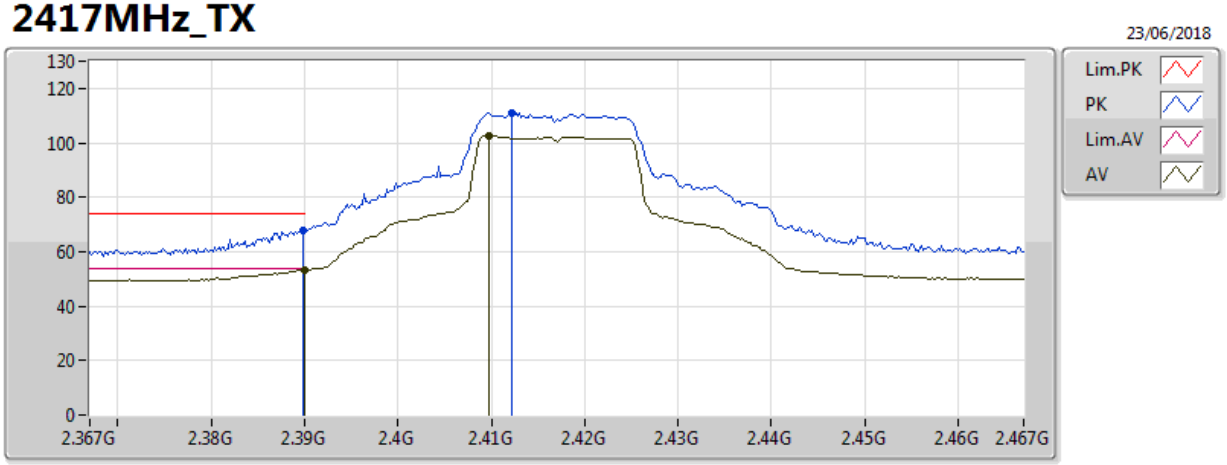
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.42	54.00	-2.58	32.28	3	Vertical	325	1.50	-
AV	2.4098G	100.01	Inf	-Inf	32.35	3	Vertical	325	1.50	-
PK	2.3898G	65.51	74.00	-8.49	32.28	3	Vertical	325	1.50	-
PK	2.4122G	108.49	Inf	-Inf	32.35	3	Vertical	325	1.50	-

802.11g_Nss1,(6Mbps)_1TX

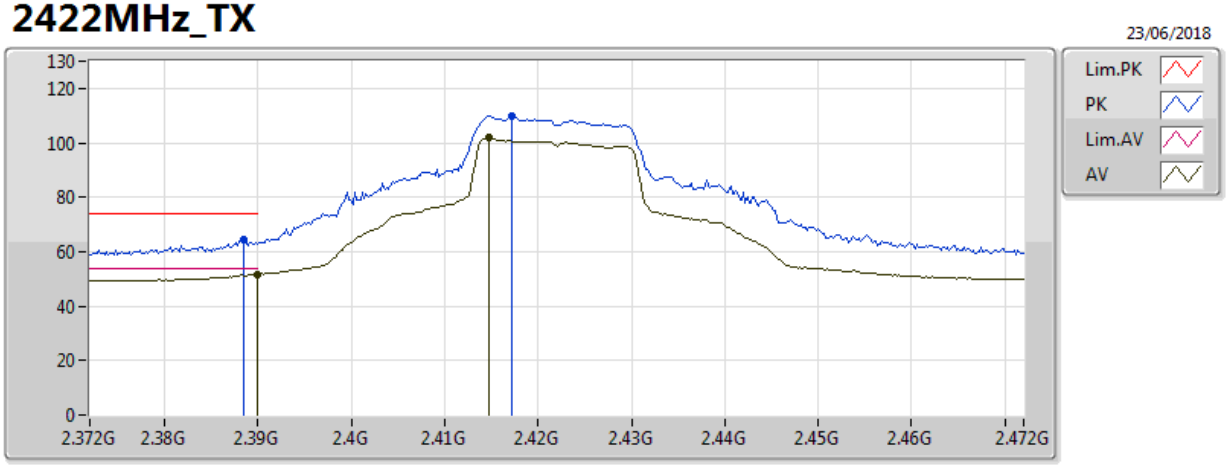
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.20	54.00	-0.80	32.28	3	Horizontal	8	2.87	-
AV	2.4098G	102.82	Inf	-Inf	32.35	3	Horizontal	8	2.87	-
PK	2.3898G	67.78	74.00	-6.22	32.28	3	Horizontal	8	2.87	-
PK	2.4122G	111.11	Inf	-Inf	32.35	3	Horizontal	8	2.87	-

802.11g_Nss1,(6Mbps)_1TX

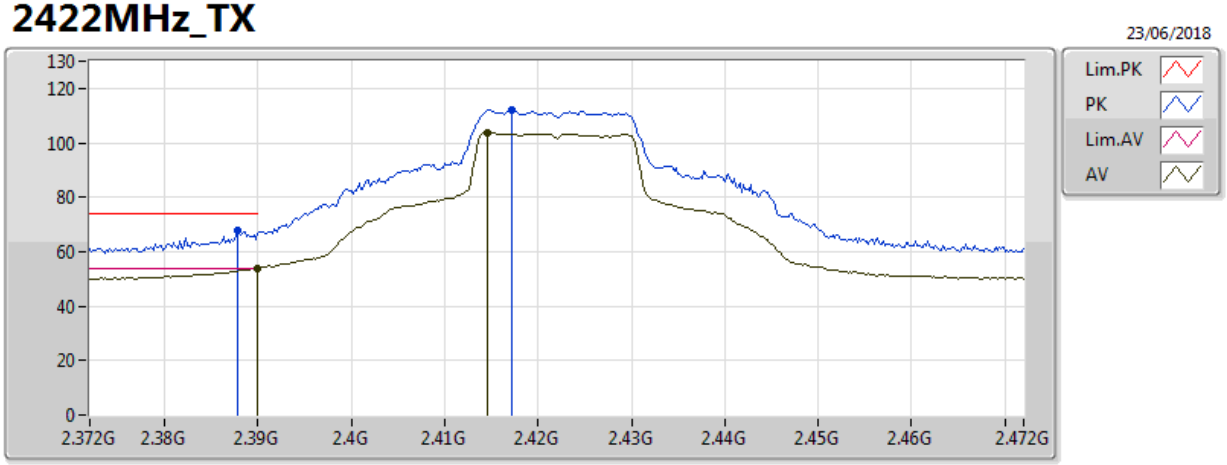
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	51.80	54.00	-2.20	32.28	3	Vertical	324	1.53	-
AV	2.4148G	101.71	Inf	-Inf	32.36	3	Vertical	324	1.53	-
PK	2.3884G	64.29	74.00	-9.71	32.27	3	Vertical	324	1.53	-
PK	2.4172G	109.83	Inf	-Inf	32.37	3	Vertical	324	1.53	-

802.11g_Nss1,(6Mbps)_1TX

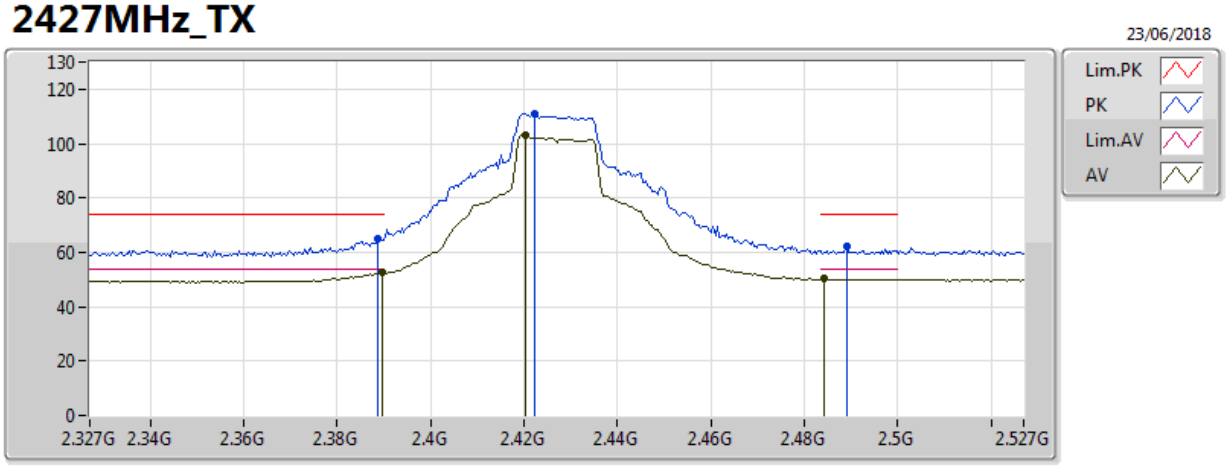
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.82	54.00	-0.18	32.28	3	Horizontal	8	3.19	-
AV	2.4146G	103.83	Inf	-Inf	32.36	3	Horizontal	8	3.19	-
PK	2.3878G	67.92	74.00	-6.08	32.27	3	Horizontal	8	3.19	-
PK	2.4172G	112.13	Inf	-Inf	32.37	3	Horizontal	8	3.19	-

802.11g_Nss1,(6Mbps)_1TX

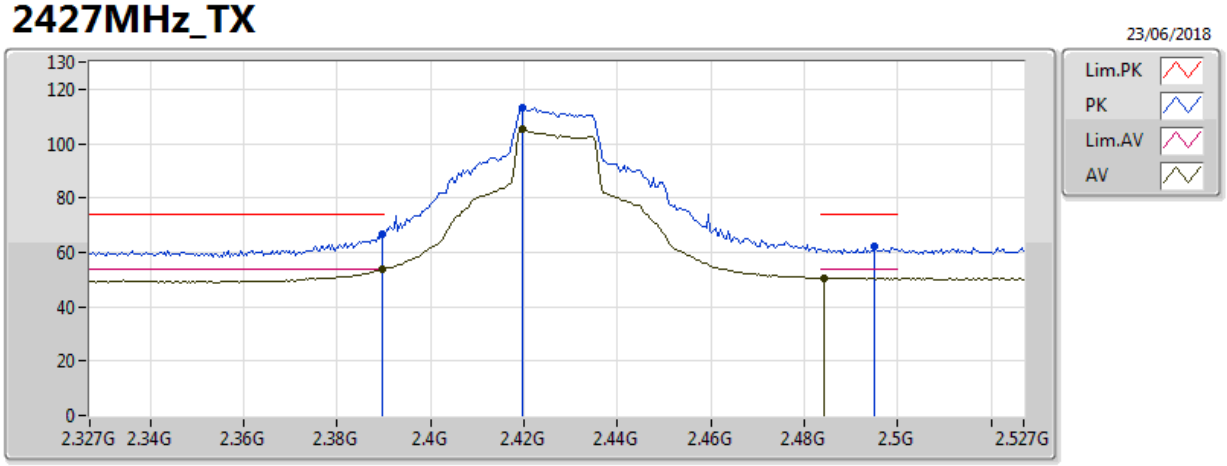
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	52.53	54.00	-1.47	32.28	3	Vertical	323	1.80	-
AV	2.4202G	103.04	Inf	-Inf	32.38	3	Vertical	323	1.80	-
AV	2.4842G	50.16	54.00	-3.84	32.61	3	Vertical	323	1.80	-
PK	2.3886G	65.03	74.00	-8.97	32.27	3	Vertical	323	1.80	-
PK	2.4222G	111.15	Inf	-Inf	32.39	3	Vertical	323	1.80	-
PK	2.489G	62.11	74.00	-11.89	32.63	3	Vertical	323	1.80	-

802.11g_Nss1,(6Mbps)_1TX

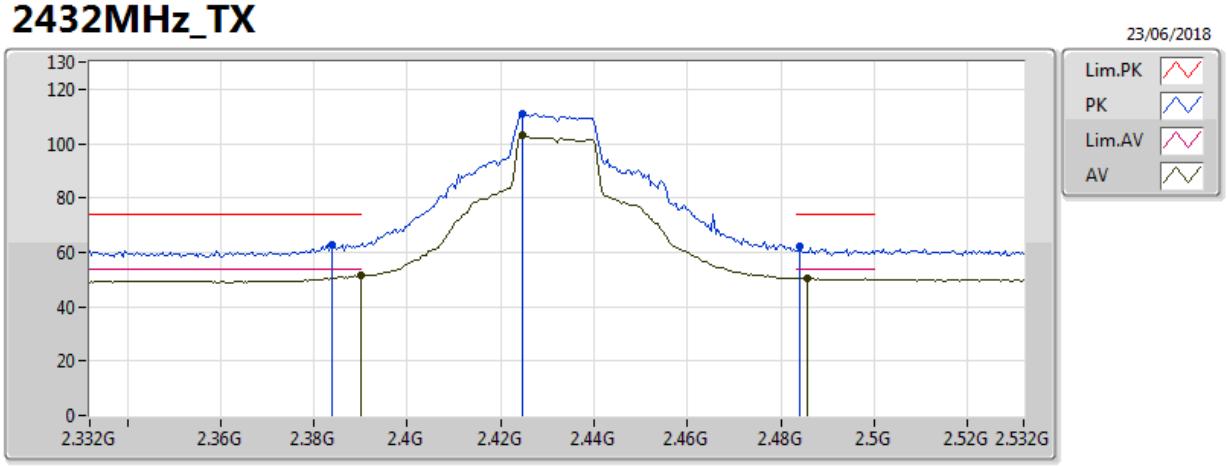
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.67	54.00	-0.33	32.28	3	Horizontal	21	2.89	-
AV	2.4198G	105.12	Inf	-Inf	32.38	3	Horizontal	21	2.89	-
AV	2.4842G	50.66	54.00	-3.34	32.61	3	Horizontal	21	2.89	-
PK	2.3898G	66.75	74.00	-7.25	32.28	3	Horizontal	21	2.89	-
PK	2.4198G	113.10	Inf	-Inf	32.38	3	Horizontal	21	2.89	-
PK	2.495G	61.94	74.00	-12.06	32.65	3	Horizontal	21	2.89	-

802.11g_Nss1,(6Mbps)_1TX

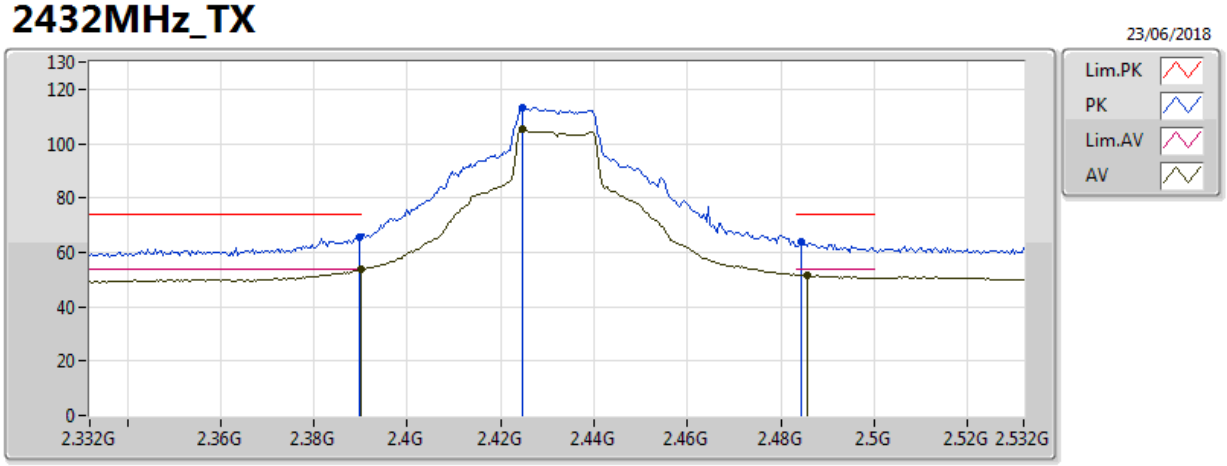
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	51.61	54.00	-2.39	32.28	3	Vertical	324	1.77	-
AV	2.4248G	103.21	Inf	-Inf	32.40	3	Vertical	324	1.77	-
AV	2.4856G	50.42	54.00	-3.58	32.62	3	Vertical	324	1.77	-
PK	2.384G	63.00	74.00	-11.00	32.25	3	Vertical	324	1.77	-
PK	2.4248G	111.19	Inf	-Inf	32.40	3	Vertical	324	1.77	-
PK	2.484G	61.97	74.00	-12.03	32.61	3	Vertical	324	1.77	-

802.11g_Nss1,(6Mbps)_1TX

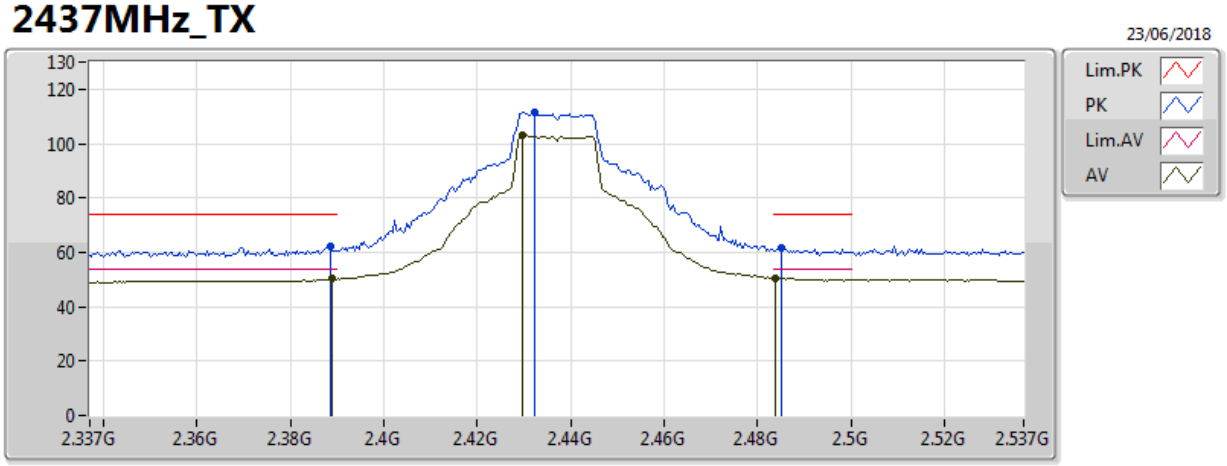
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.67	54.00	-0.33	32.28	3	Horizontal	325	3.17	-
AV	2.4248G	105.34	Inf	-Inf	32.40	3	Horizontal	325	3.17	-
AV	2.4856G	51.58	54.00	-2.42	32.62	3	Horizontal	325	3.17	-
PK	2.3896G	65.65	74.00	-8.35	32.28	3	Horizontal	325	3.17	-
PK	2.4248G	113.42	Inf	-Inf	32.40	3	Horizontal	325	3.17	-
PK	2.4844G	63.77	74.00	-10.23	32.61	3	Horizontal	325	3.17	-

802.11g_Nss1,(6Mbps)_1TX

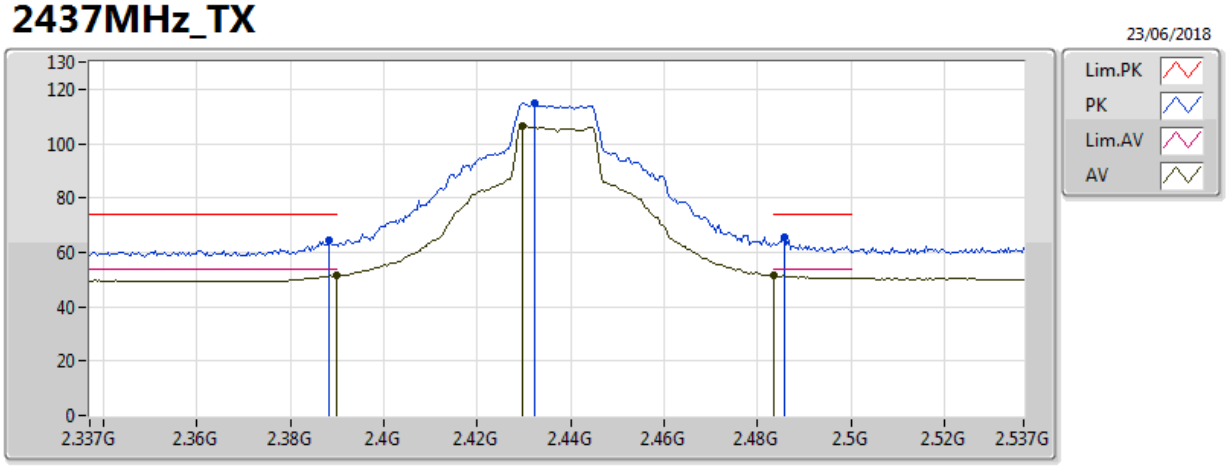
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	50.35	54.00	-3.65	32.27	3	Vertical	332	2.23	-
AV	2.4298G	103.25	Inf	-Inf	32.42	3	Vertical	332	2.23	-
AV	2.4838G	50.66	54.00	-3.34	32.61	3	Vertical	332	2.23	-
PK	2.3886G	62.35	74.00	-11.65	32.27	3	Vertical	332	2.23	-
PK	2.4322G	111.44	Inf	-Inf	32.43	3	Vertical	332	2.23	-
PK	2.485G	61.52	74.00	-12.48	32.61	3	Vertical	332	2.23	-

802.11g_Nss1,(6Mbps)_1TX

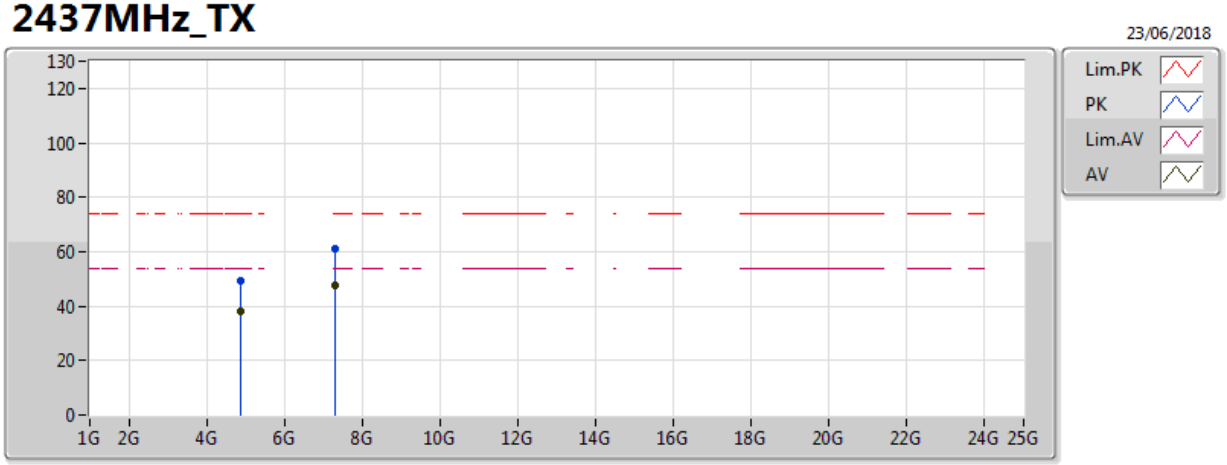
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.42	54.00	-2.58	32.28	3	Horizontal	328	3.07	-
AV	2.4298G	106.74	Inf	-Inf	32.42	3	Horizontal	328	3.07	-
AV	2.483502G	51.57	54.00	-2.43	32.61	3	Horizontal	328	3.07	-
PK	2.3882G	64.71	74.00	-9.29	32.27	3	Horizontal	328	3.07	-
PK	2.4322G	114.85	Inf	-Inf	32.43	3	Horizontal	328	3.07	-
PK	2.4858G	65.60	74.00	-8.40	32.62	3	Horizontal	328	3.07	-

802.11g_Nss1,(6Mbps)_1TX

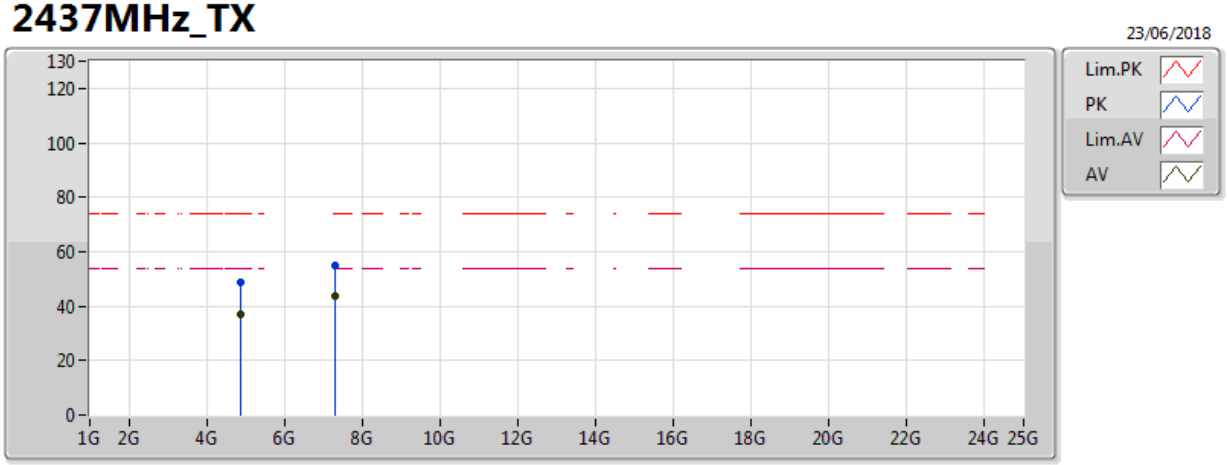
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87622G	37.95	54.00	-16.05	3.15	3	Vertical	25	1.26	-
AV	7.3108G	47.38	54.00	-6.62	9.29	3	Vertical	331	3.05	-
PK	4.88156G	49.59	74.00	-24.41	3.16	3	Vertical	25	1.26	-
PK	7.3086G	60.99	74.00	-13.01	9.29	3	Vertical	331	3.05	-

802.11g_Nss1,(6Mbps)_1TX

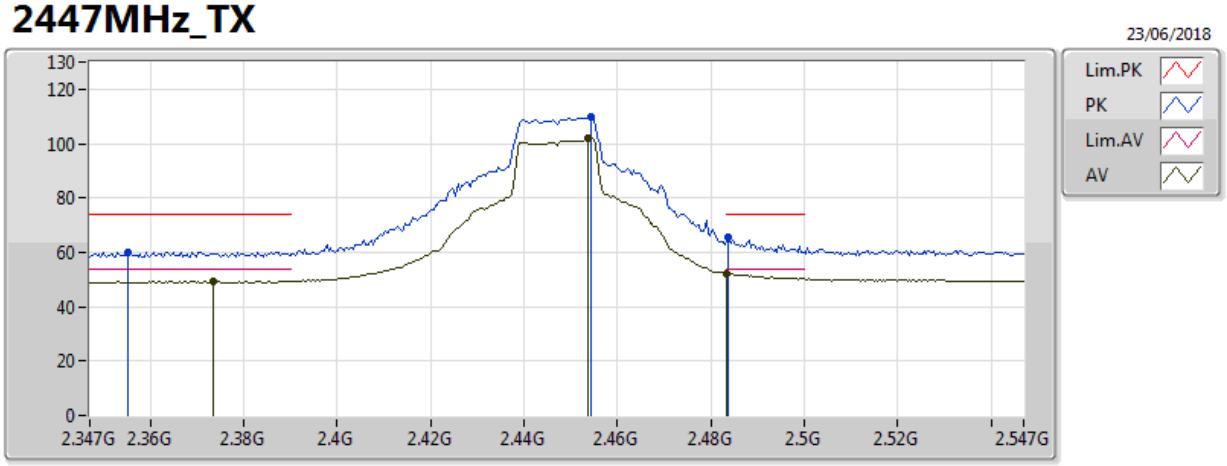
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	37.25	54.00	-16.75	3.14	3	Horizontal	125	1.79	-
AV	7.3108G	43.48	54.00	-10.52	9.29	3	Horizontal	146	2.09	-
PK	4.87748G	48.56	74.00	-25.44	3.15	3	Horizontal	125	1.79	-
PK	7.3086G	55.18	74.00	-18.82	9.29	3	Horizontal	146	2.09	-

802.11g_Nss1,(6Mbps)_1TX

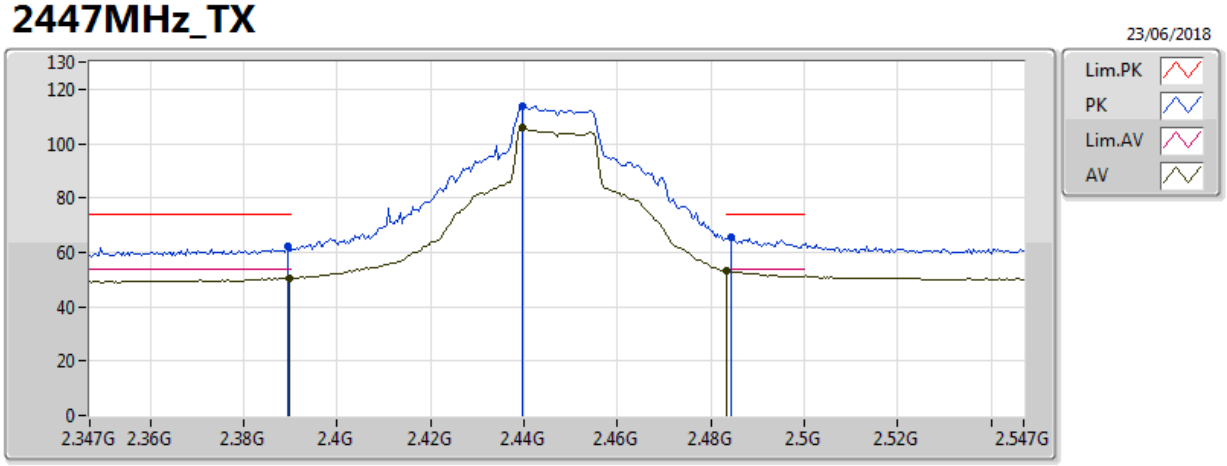
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3734G	49.33	54.00	-4.67	32.22	3	Vertical	318	1.50	-
AV	2.4538G	101.89	Inf	-Inf	32.50	3	Vertical	318	1.50	-
AV	2.483502G	52.20	54.00	-1.80	32.61	3	Vertical	318	1.50	-
PK	2.355G	60.23	74.00	-13.77	32.15	3	Vertical	318	1.50	-
PK	2.4542G	109.69	Inf	-Inf	32.51	3	Vertical	318	1.50	-
PK	2.4838G	65.55	74.00	-8.45	32.61	3	Vertical	318	1.50	-

802.11g_Nss1,(6Mbps)_1TX

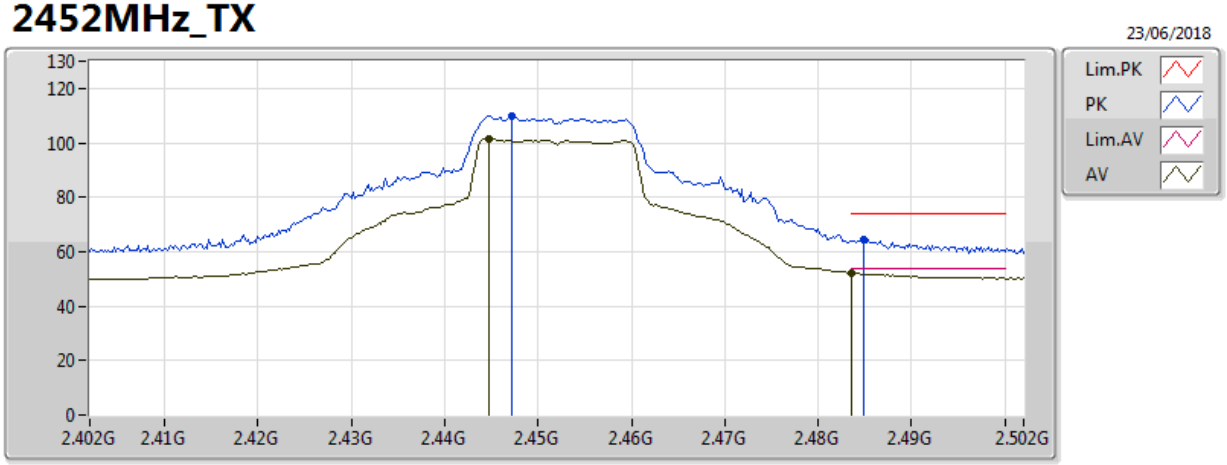
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	50.59	54.00	-3.41	32.28	3	Horizontal	344	3.12	-
AV	2.4398G	105.88	Inf	-Inf	32.45	3	Horizontal	344	3.12	-
AV	2.483502G	53.16	54.00	-0.84	32.61	3	Horizontal	344	3.12	-
PK	2.3894G	61.92	74.00	-12.08	32.27	3	Horizontal	344	3.12	-
PK	2.4398G	113.91	Inf	-Inf	32.45	3	Horizontal	344	3.12	-
PK	2.4842G	65.43	74.00	-8.57	32.61	3	Horizontal	344	3.12	-

802.11g_Nss1,(6Mbps)_1TX

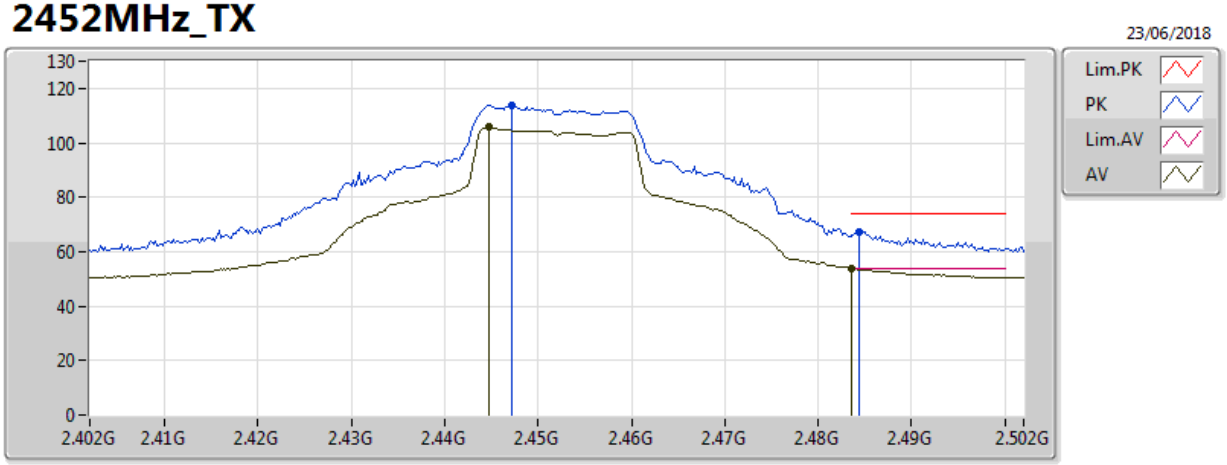
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4448G	101.50	Inf	-Inf	32.47	3	Vertical	322	2.00	-
AV	2.483502G	52.20	54.00	-1.80	32.61	3	Vertical	322	2.00	-
PK	2.4472G	109.85	Inf	-Inf	32.48	3	Vertical	322	2.00	-
PK	2.4848G	64.68	74.00	-9.32	32.61	3	Vertical	322	2.00	-

802.11g_Nss1,(6Mbps)_1TX

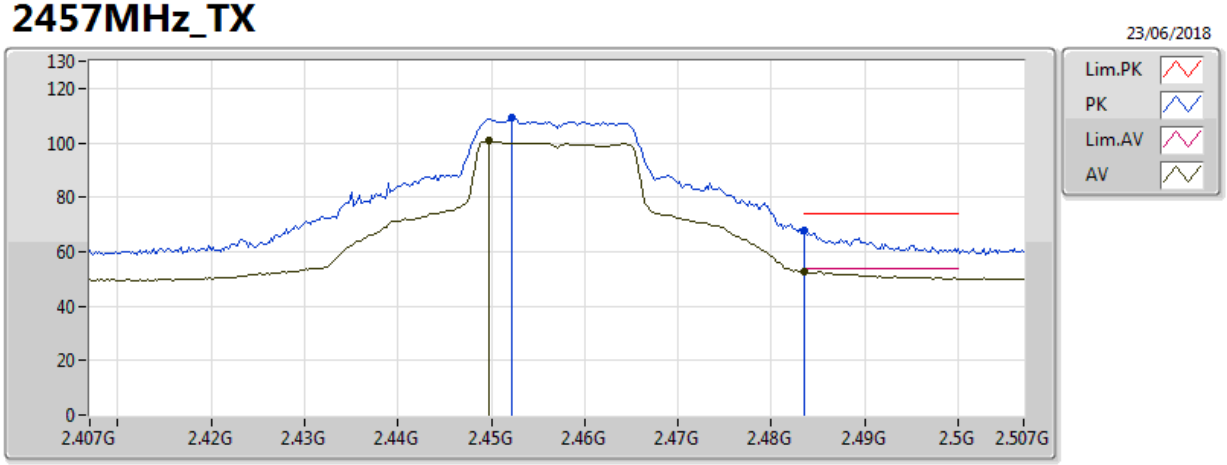
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4448G	105.63	Inf	-Inf	32.47	3	Horizontal	330	3.04	-
AV	2.483502G	53.85	54.00	-0.15	32.61	3	Horizontal	330	3.04	-
PK	2.4472G	113.77	Inf	-Inf	32.48	3	Horizontal	330	3.04	-
PK	2.4844G	67.38	74.00	-6.62	32.61	3	Horizontal	330	3.04	-

802.11g_Nss1,(6Mbps)_1TX

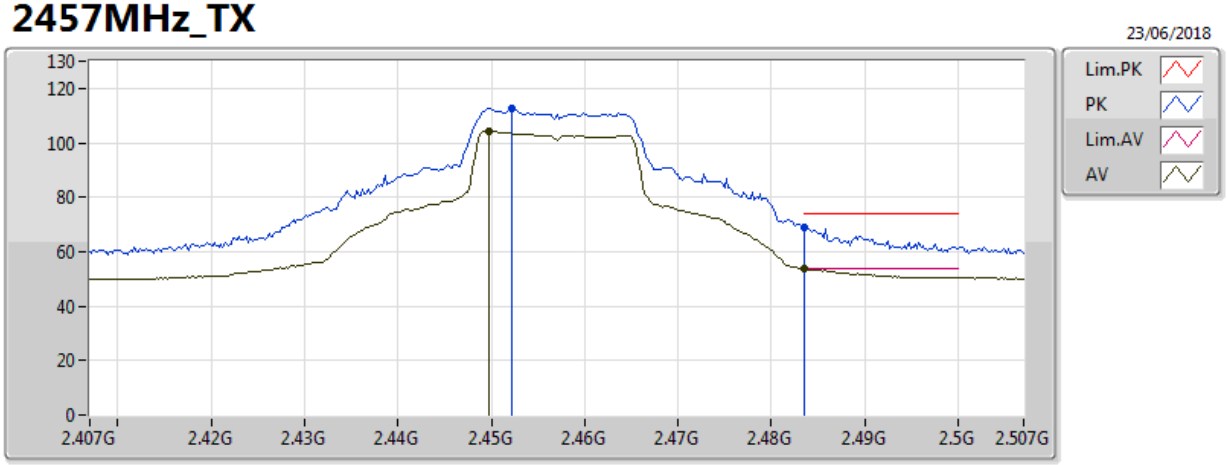
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4498G	100.77	Inf	-Inf	32.49	3	Vertical	319	1.99	-
AV	2.483502G	52.40	54.00	-1.60	32.61	3	Vertical	319	1.99	-
PK	2.4522G	109.07	Inf	-Inf	32.50	3	Vertical	319	1.99	-
PK	2.483502G	67.54	74.00	-6.46	32.61	3	Vertical	319	1.99	-

802.11g_Nss1,(6Mbps)_1TX

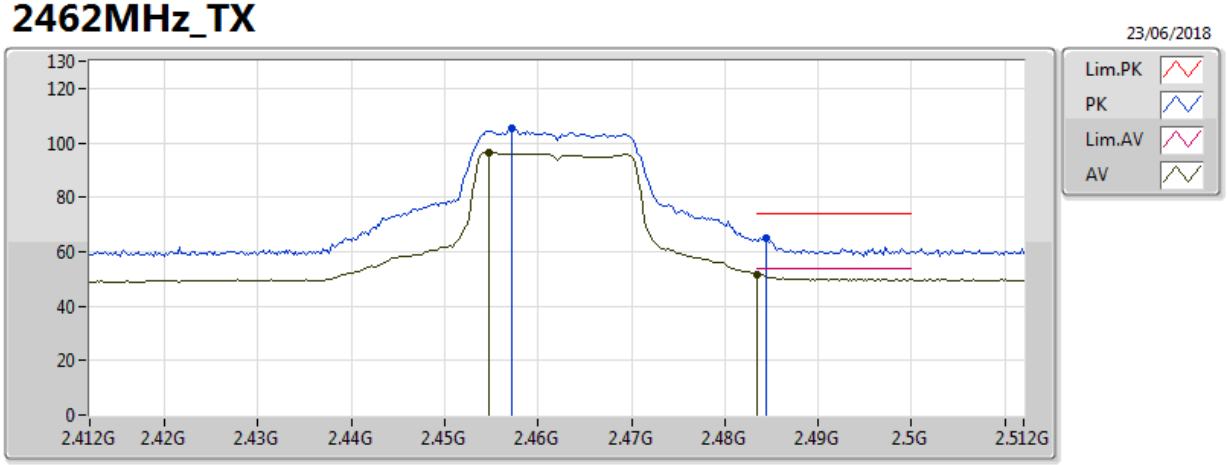
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4498G	104.50	Inf	-Inf	32.49	3	Horizontal	2	3.06	-
AV	2.483502G	53.68	54.00	-0.32	32.61	3	Horizontal	2	3.06	-
PK	2.4522G	112.66	Inf	-Inf	32.50	3	Horizontal	2	3.06	-
PK	2.483502G	68.68	74.00	-5.32	32.61	3	Horizontal	2	3.06	-

802.11g_Nss1,(6Mbps)_1TX

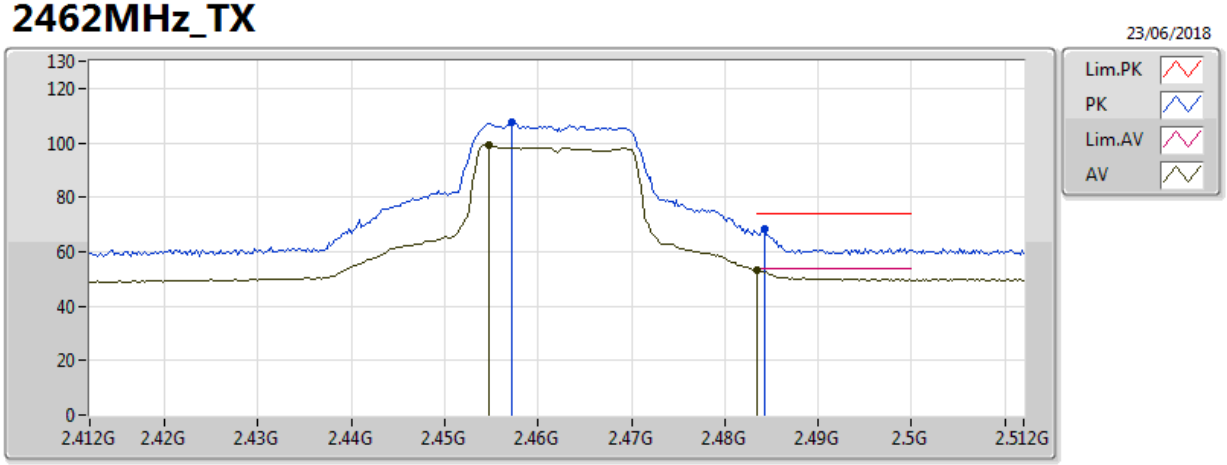
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4548G	96.60	Inf	-Inf	32.51	3	Vertical	325	1.93	-
AV	2.483502G	51.57	54.00	-2.43	32.61	3	Vertical	325	1.93	-
PK	2.4572G	105.16	Inf	-Inf	32.52	3	Vertical	325	1.93	-
PK	2.4844G	65.09	74.00	-8.91	32.61	3	Vertical	325	1.93	-

802.11g_Nss1,(6Mbps)_1TX

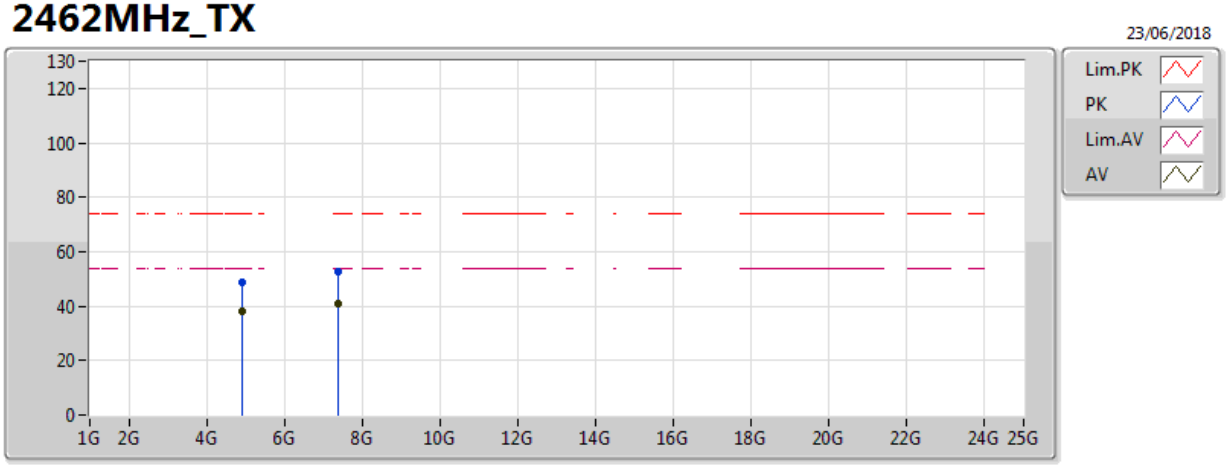
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4548G	99.15	Inf	-Inf	32.51	3	Horizontal	5	3.04	-
AV	2.483502G	53.34	54.00	-0.66	32.61	3	Horizontal	5	3.04	-
PK	2.4572G	107.41	Inf	-Inf	32.52	3	Horizontal	5	3.04	-
PK	2.4842G	68.15	74.00	-5.85	32.61	3	Horizontal	5	3.04	-

802.11g_Nss1,(6Mbps)_1TX

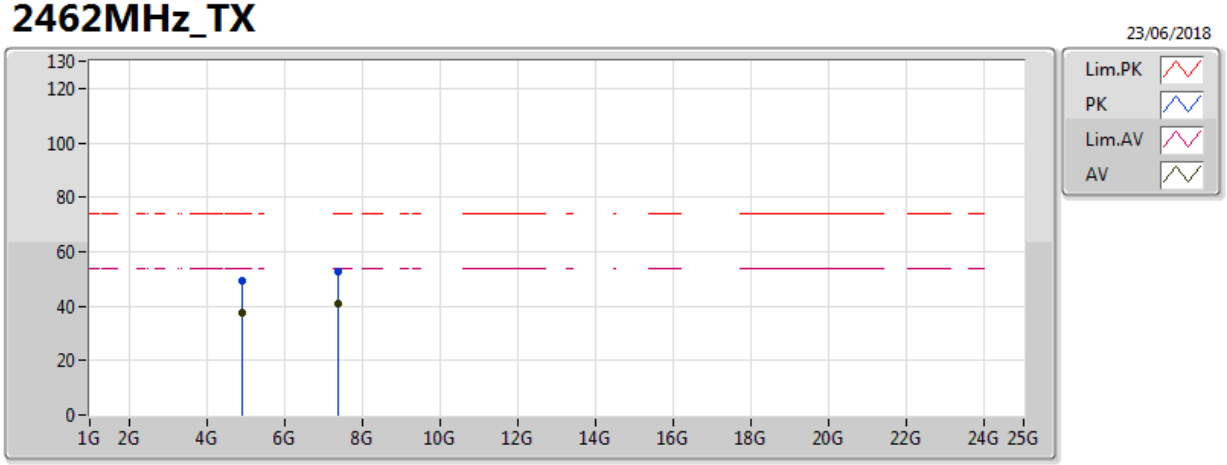
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	38.09	54.00	-15.91	3.25	3	Vertical	87	1.50	-
AV	7.38144G	40.94	54.00	-13.06	9.58	3	Vertical	196	1.50	-
PK	4.92406G	48.53	74.00	-25.47	3.25	3	Vertical	87	1.50	-
PK	7.38228G	52.92	74.00	-21.08	9.59	3	Vertical	196	1.50	-

802.11g_Nss1,(6Mbps)_1TX

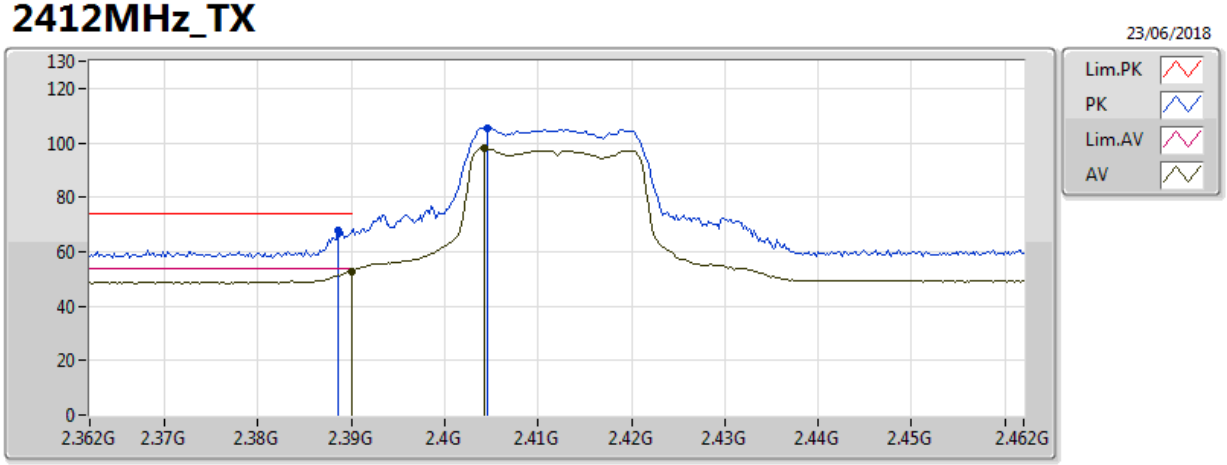
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	37.45	54.00	-16.55	3.25	3	Horizontal	317	1.16	-
AV	7.37544G	40.69	54.00	-13.31	9.56	3	Horizontal	220	1.50	-
PK	4.92508G	49.05	74.00	-24.95	3.25	3	Horizontal	317	1.16	-
PK	7.3854G	52.89	74.00	-21.11	9.60	3	Horizontal	220	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

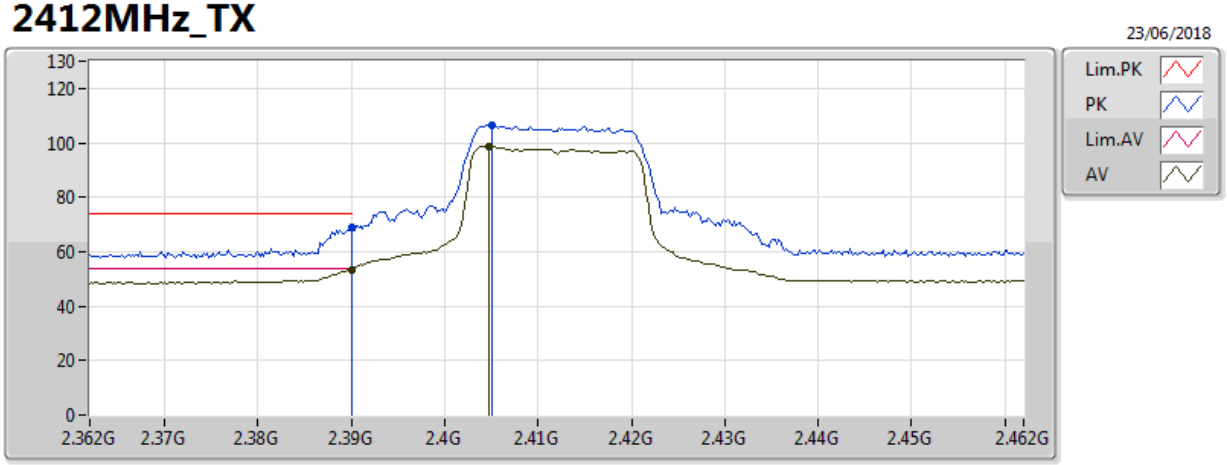
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.91	54.00	-1.09	32.28	3	Vertical	333	1.65	-
AV	2.4042G	97.98	Inf	-Inf	32.33	3	Vertical	333	1.65	-
PK	2.3886G	67.56	74.00	-6.44	32.27	3	Vertical	333	1.65	-
PK	2.4046G	105.35	Inf	-Inf	32.33	3	Vertical	333	1.65	-

802.11n HT20_Nss1,(MCS0)_2TX

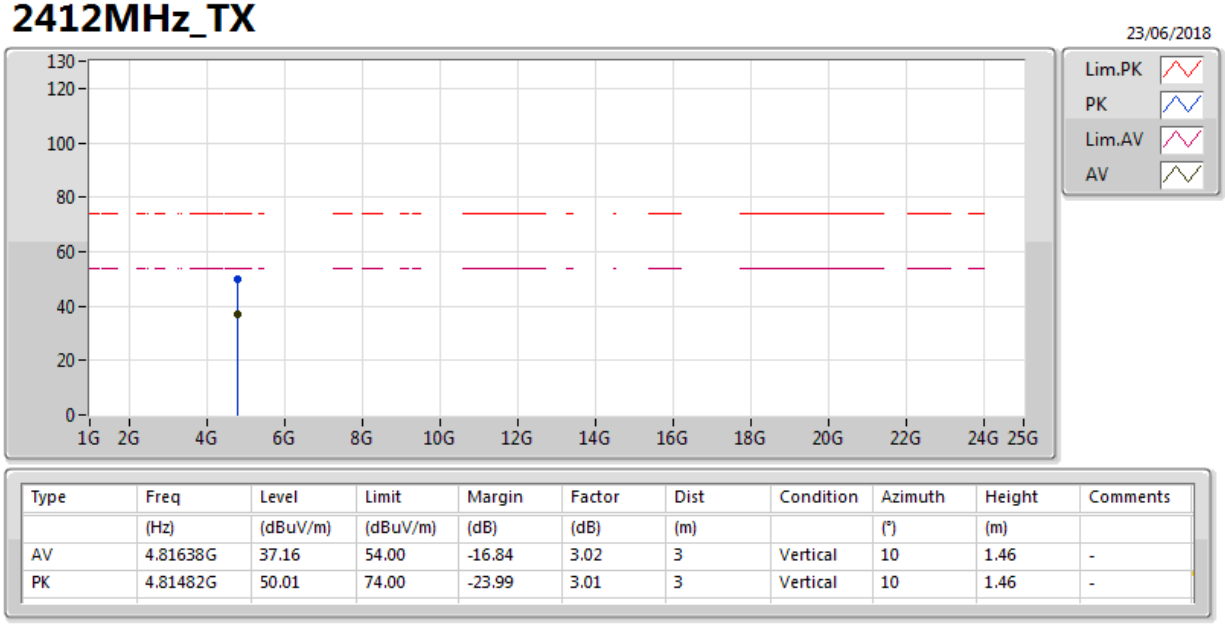
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.38	54.00	-0.62	32.28	3	Horizontal	7	3.19	-
AV	2.4048G	98.87	Inf	-Inf	32.33	3	Horizontal	7	3.19	-
PK	2.389998G	68.80	74.00	-5.20	32.28	3	Horizontal	7	3.19	-
PK	2.405G	106.70	Inf	-Inf	32.33	3	Horizontal	7	3.19	-

802.11n HT20_Nss1,(MCS0)_2TX

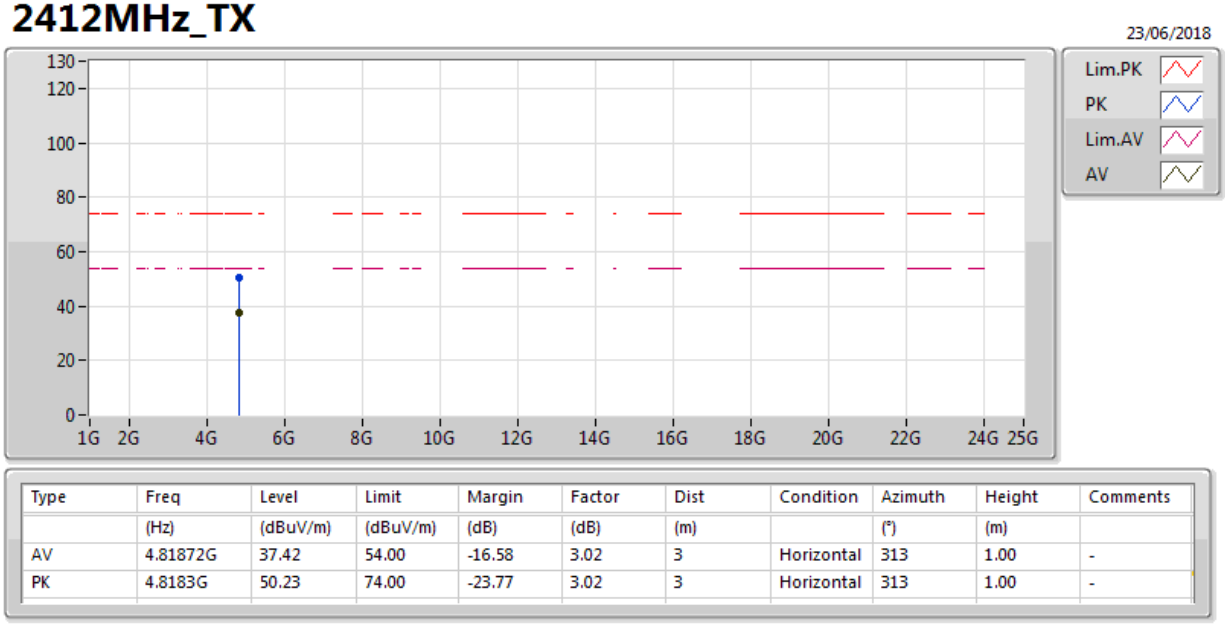
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.81638G	37.16	54.00	-16.84	3.02	3	Vertical	10	1.46	-
PK	4.81482G	50.01	74.00	-23.99	3.01	3	Vertical	10	1.46	-

802.11n HT20_Nss1,(MCS0)_2TX

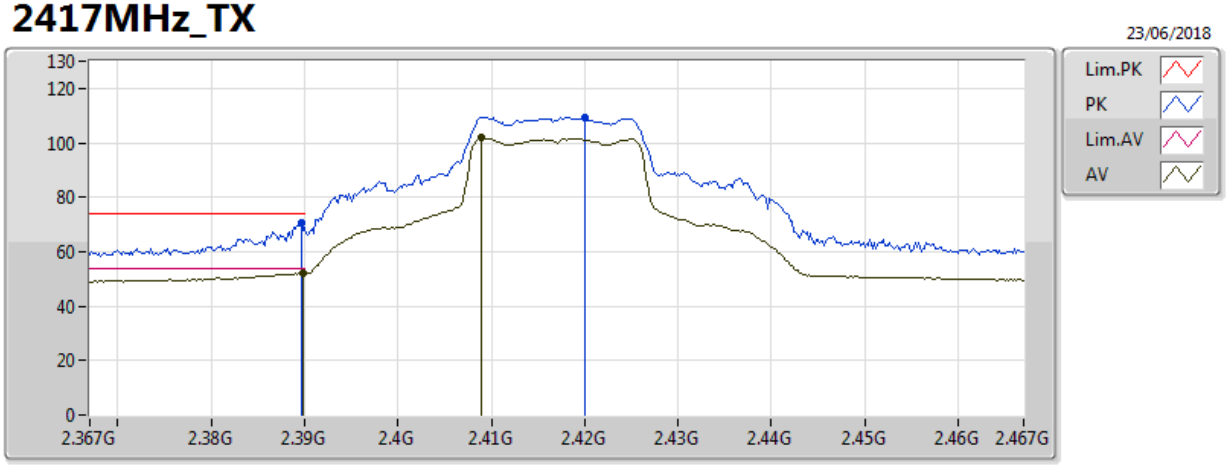
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.81872G	37.42	54.00	-16.58	3.02	3	Horizontal	313	1.00	-
PK	4.8183G	50.23	74.00	-23.77	3.02	3	Horizontal	313	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

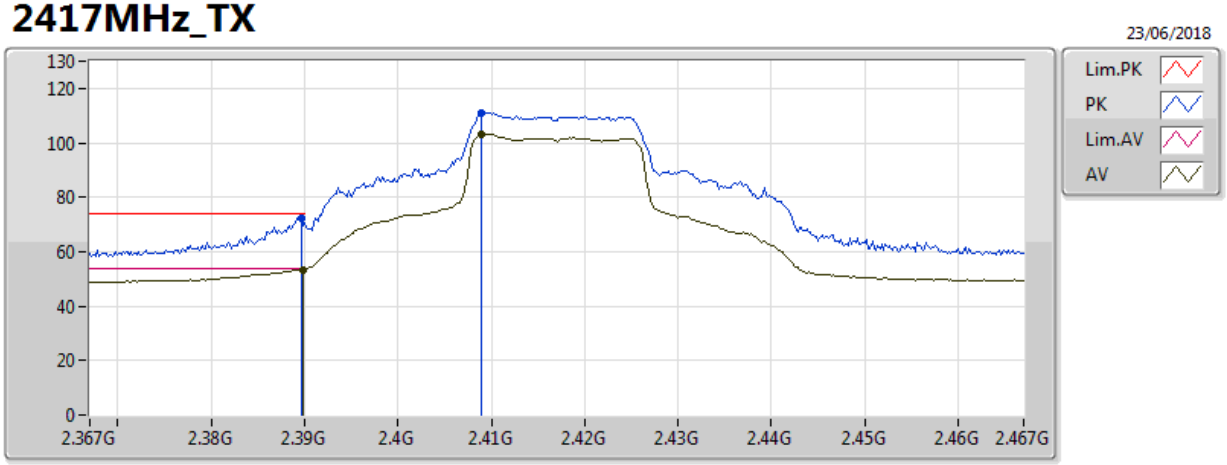
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.89	54.00	-2.11	32.28	3	Vertical	333	1.50	-
AV	2.409G	101.77	Inf	-Inf	32.34	3	Vertical	333	1.50	-
PK	2.3896G	70.61	74.00	-3.39	32.28	3	Vertical	333	1.50	-
PK	2.42G	109.32	Inf	-Inf	32.38	3	Vertical	333	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

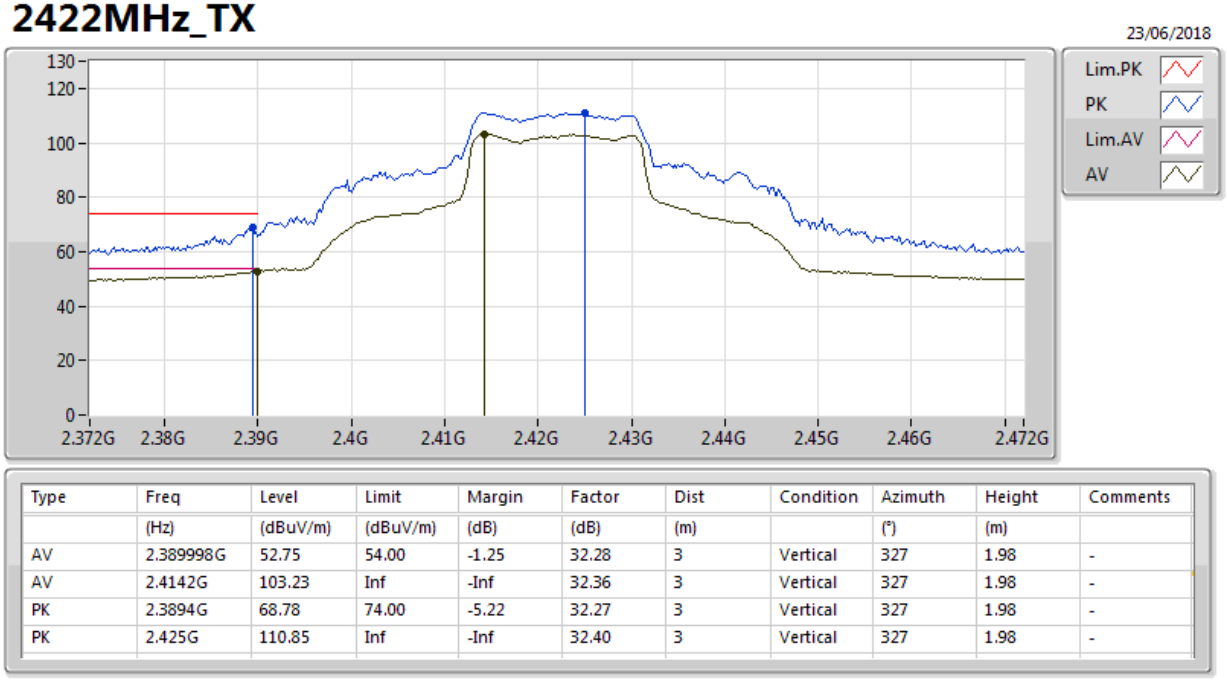
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.38	54.00	-0.62	32.28	3	Horizontal	19	3.19	-
AV	2.409G	103.20	Inf	-Inf	32.34	3	Horizontal	19	3.19	-
PK	2.3896G	72.39	74.00	-1.61	32.28	3	Horizontal	19	3.19	-
PK	2.409G	110.98	Inf	-Inf	32.34	3	Horizontal	19	3.19	-

802.11n HT20_Nss1,(MCS0)_2TX

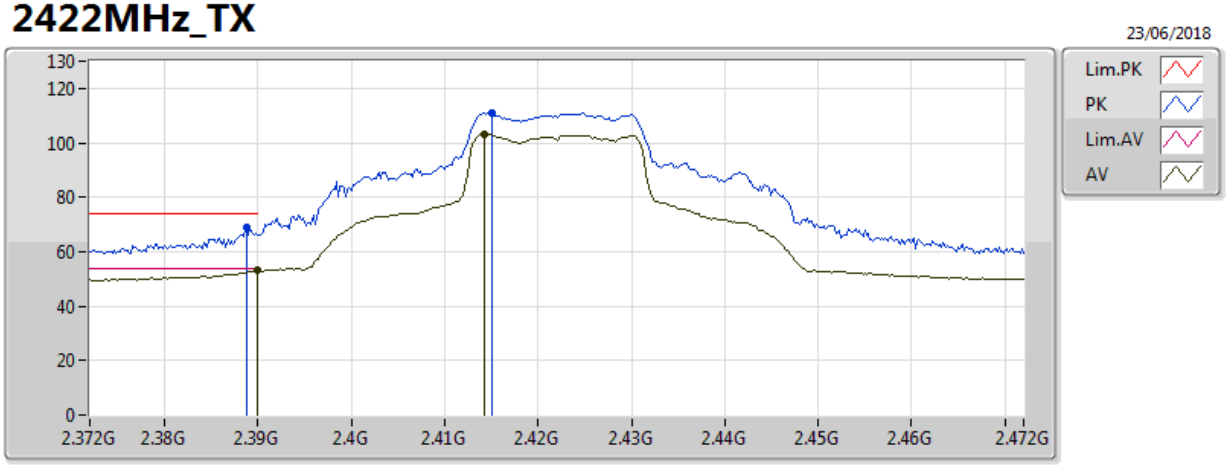
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.75	54.00	-1.25	32.28	3	Vertical	327	1.98	-
AV	2.4142G	103.23	Inf	-Inf	32.36	3	Vertical	327	1.98	-
PK	2.3894G	68.78	74.00	-5.22	32.27	3	Vertical	327	1.98	-
PK	2.425G	110.85	Inf	-Inf	32.40	3	Vertical	327	1.98	-

802.11n HT20_Nss1,(MCS0)_2TX

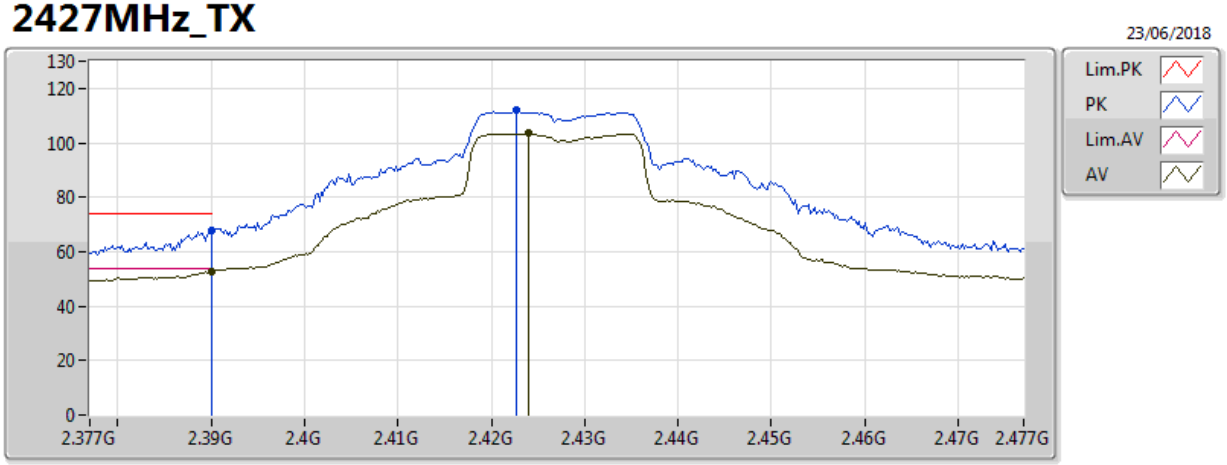
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.07	54.00	-0.93	32.28	3	Horizontal	327	1.98	-
AV	2.4142G	103.10	Inf	-Inf	32.36	3	Horizontal	327	1.98	-
PK	2.3888G	69.02	74.00	-4.98	32.27	3	Horizontal	327	1.98	-
PK	2.415G	110.81	Inf	-Inf	32.36	3	Horizontal	327	1.98	-

802.11n HT20_Nss1,(MCS0)_2TX

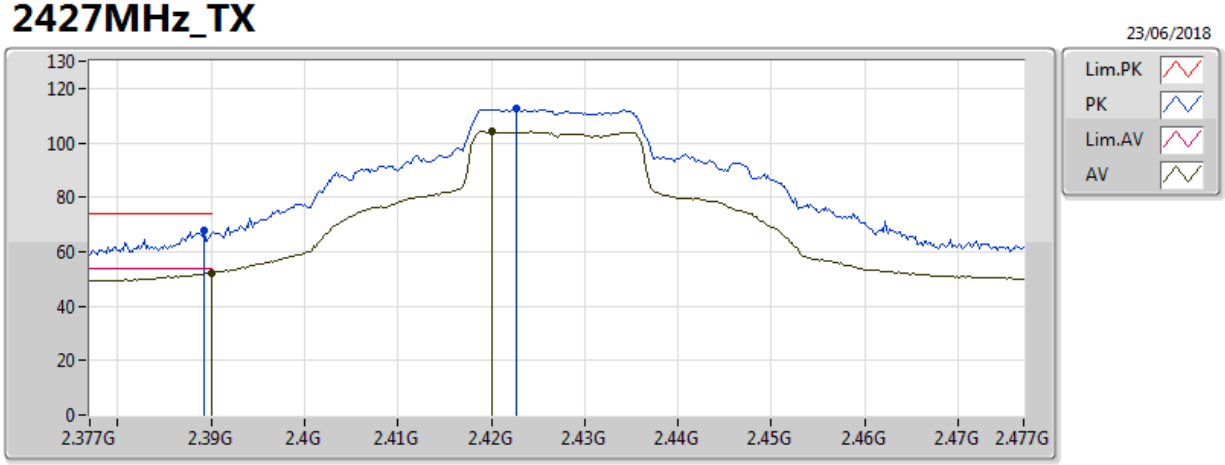
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.42	54.00	-1.58	32.28	3	Vertical	325	1.49	-
AV	2.424G	103.40	Inf	-Inf	32.40	3	Vertical	325	1.49	-
PK	2.389998G	67.92	74.00	-6.08	32.28	3	Vertical	325	1.49	-
PK	2.4226G	111.99	Inf	-Inf	32.39	3	Vertical	325	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

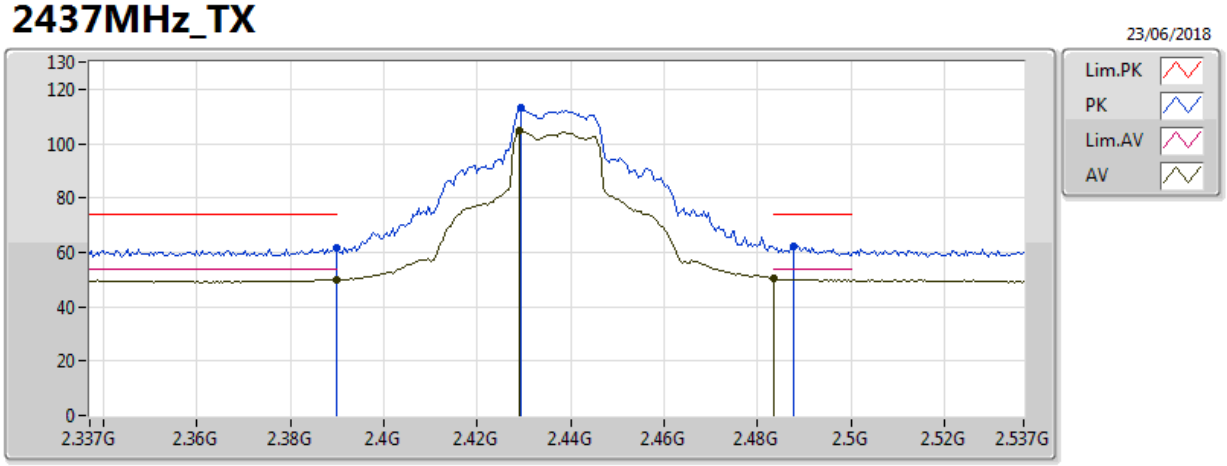
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.07	54.00	-1.93	32.28	3	Horizontal	17	3.13	-
AV	2.42G	104.30	Inf	-Inf	32.38	3	Horizontal	17	3.13	-
PK	2.3892G	68.01	74.00	-5.99	32.27	3	Horizontal	17	3.13	-
PK	2.4226G	112.44	Inf	-Inf	32.39	3	Horizontal	17	3.13	-

802.11n HT20_Nss1,(MCS0)_2TX

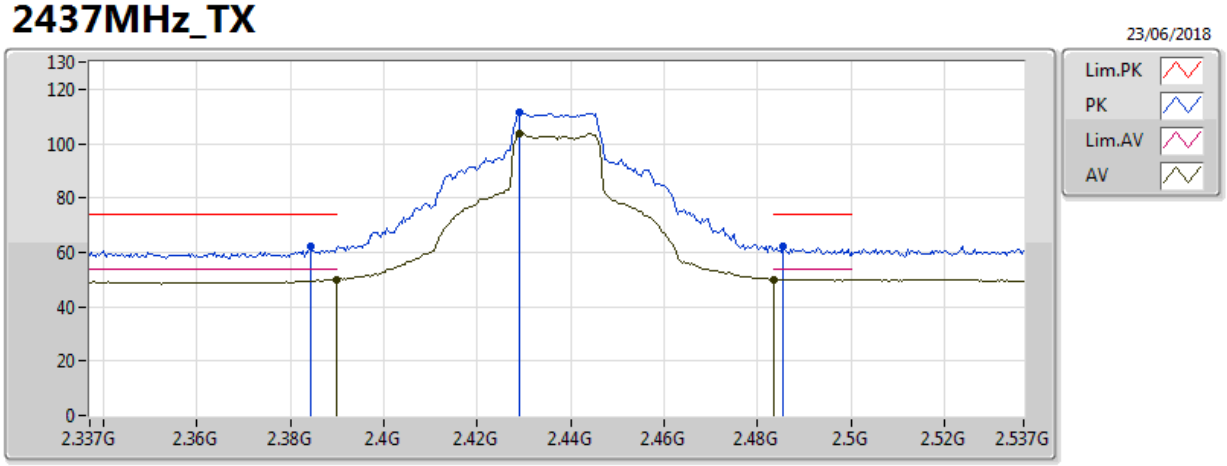
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	50.09	54.00	-3.91	32.28	3	Vertical	329	1.81	-
AV	2.429G	104.62	Inf	-Inf	32.41	3	Vertical	329	1.81	-
AV	2.483502G	50.37	54.00	-3.63	32.61	3	Vertical	329	1.81	-
PK	2.3898G	61.70	74.00	-12.30	32.28	3	Vertical	329	1.81	-
PK	2.4294G	113.19	Inf	-Inf	32.42	3	Vertical	329	1.81	-
PK	2.4878G	62.42	74.00	-11.58	32.63	3	Vertical	329	1.81	-

802.11n HT20_Nss1,(MCS0)_2TX

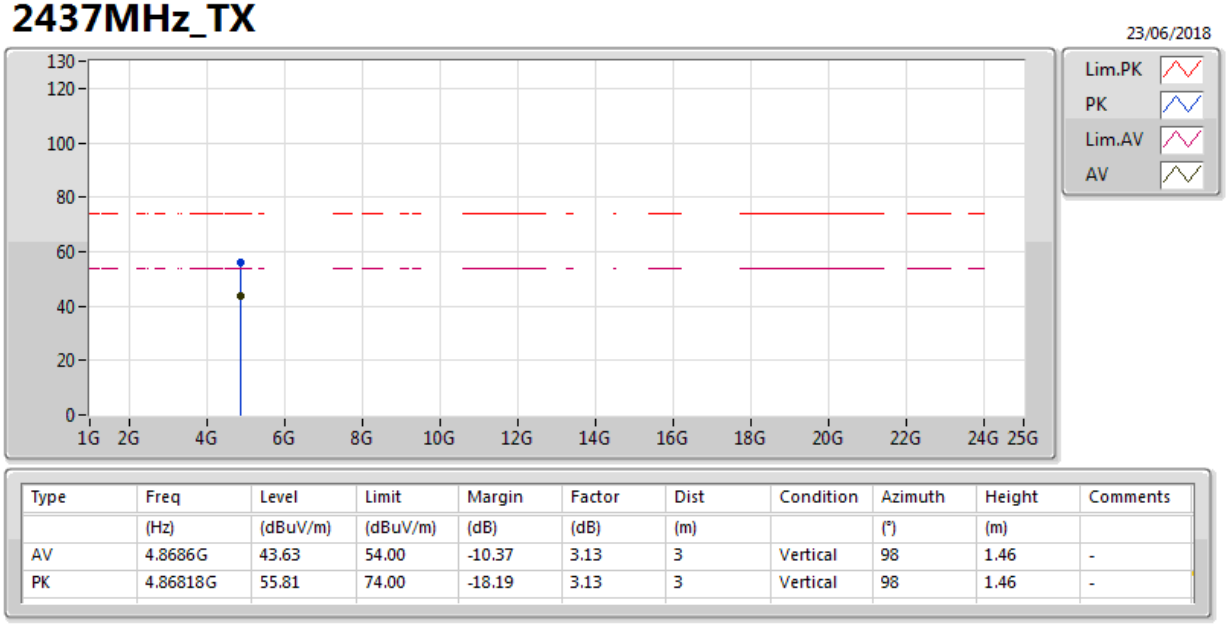
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	50.09	54.00	-3.91	32.28	3	Horizontal	17	3.14	-
AV	2.429G	103.62	Inf	-Inf	32.41	3	Horizontal	17	3.14	-
AV	2.483502G	50.13	54.00	-3.87	32.61	3	Horizontal	17	3.14	-
PK	2.3842G	62.11	74.00	-11.89	32.25	3	Horizontal	17	3.14	-
PK	2.429G	111.48	Inf	-Inf	32.41	3	Horizontal	17	3.14	-
PK	2.4854G	61.99	74.00	-12.01	32.61	3	Horizontal	17	3.14	-

802.11n HT20_Nss1,(MCS0)_2TX

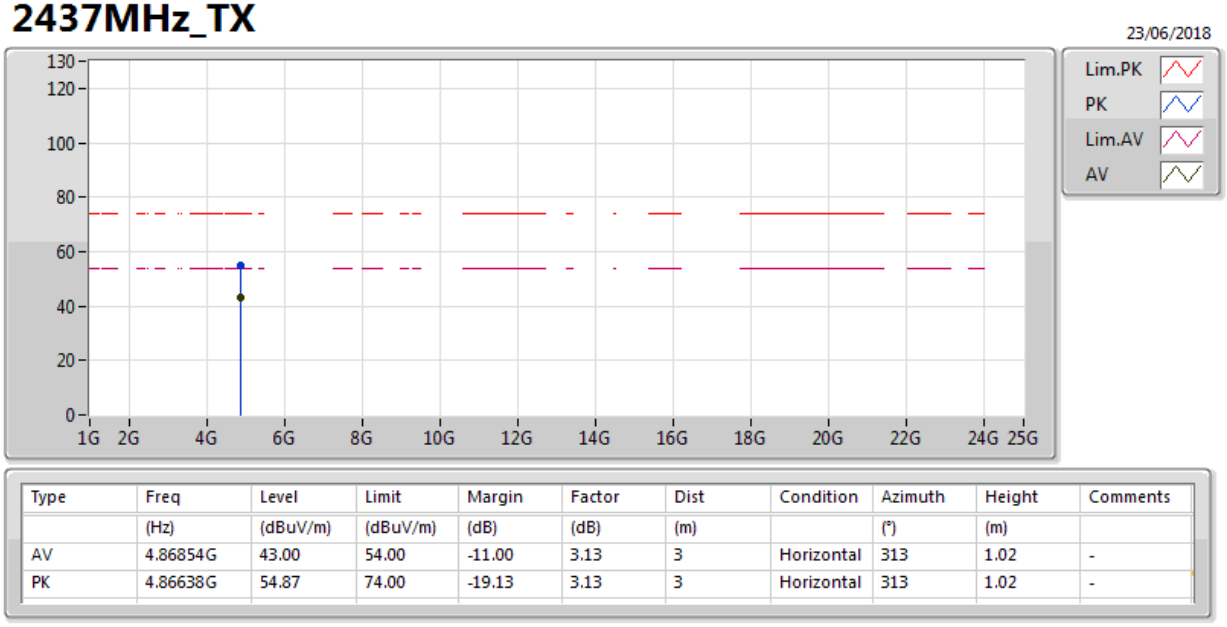
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8686G	43.63	54.00	-10.37	3.13	3	Vertical	98	1.46	-
PK	4.86818G	55.81	74.00	-18.19	3.13	3	Vertical	98	1.46	-

802.11n HT20_Nss1,(MCS0)_2TX

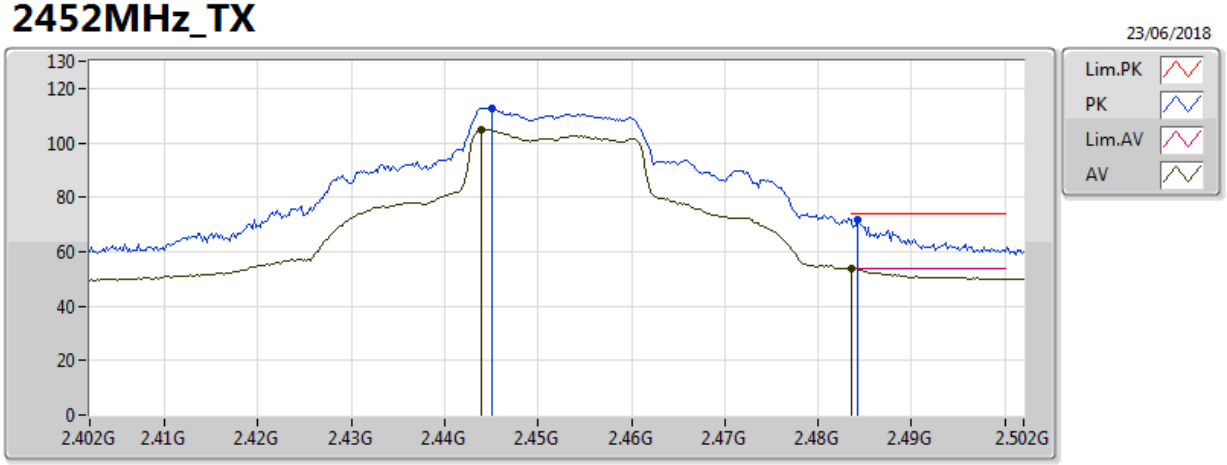
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.86854G	43.00	54.00	-11.00	3.13	3	Horizontal	313	1.02	-
PK	4.86638G	54.87	74.00	-19.13	3.13	3	Horizontal	313	1.02	-

802.11n HT20_Nss1,(MCS0)_2TX

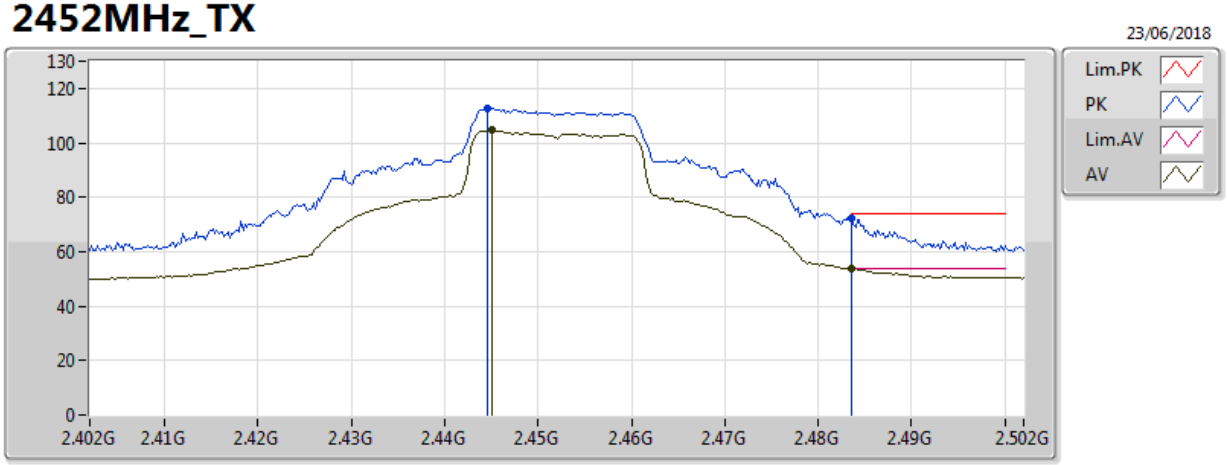
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.444G	104.89	Inf	-Inf	32.47	3	Vertical	333	2.20	-
AV	2.483502G	53.73	54.00	-0.27	32.61	3	Vertical	333	2.20	-
PK	2.445G	112.75	Inf	-Inf	32.47	3	Vertical	333	2.20	-
PK	2.4842G	71.89	74.00	-2.11	32.61	3	Vertical	333	2.20	-

802.11n HT20_Nss1,(MCS0)_2TX

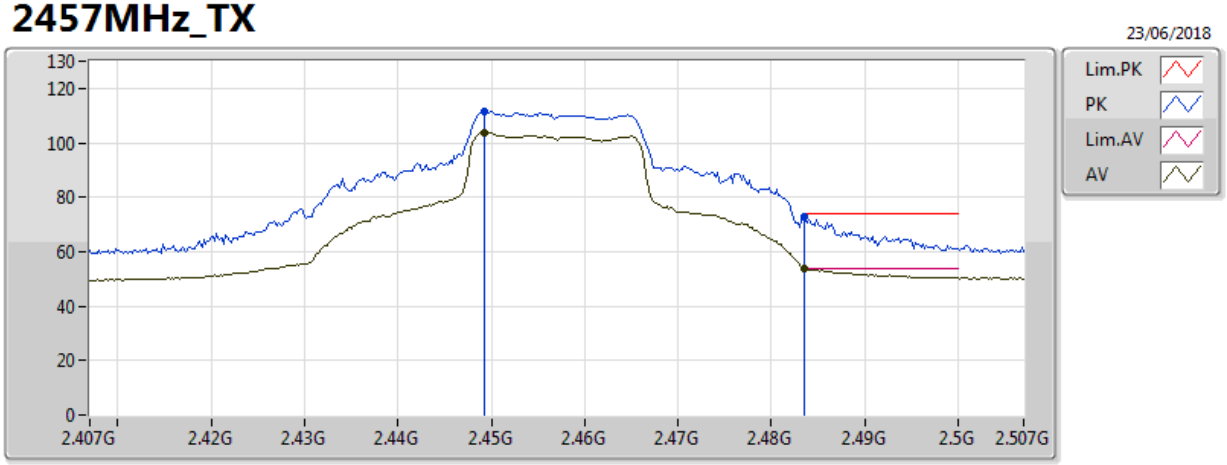
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.445G	104.64	Inf	-Inf	32.47	3	Horizontal	11	3.07	-
AV	2.483502G	53.90	54.00	-0.10	32.61	3	Horizontal	11	3.07	-
PK	2.4446G	112.41	Inf	-Inf	32.47	3	Horizontal	11	3.07	-
PK	2.4836G	72.54	74.00	-1.46	32.61	3	Horizontal	11	3.07	-

802.11n HT20_Nss1,(MCS0)_2TX

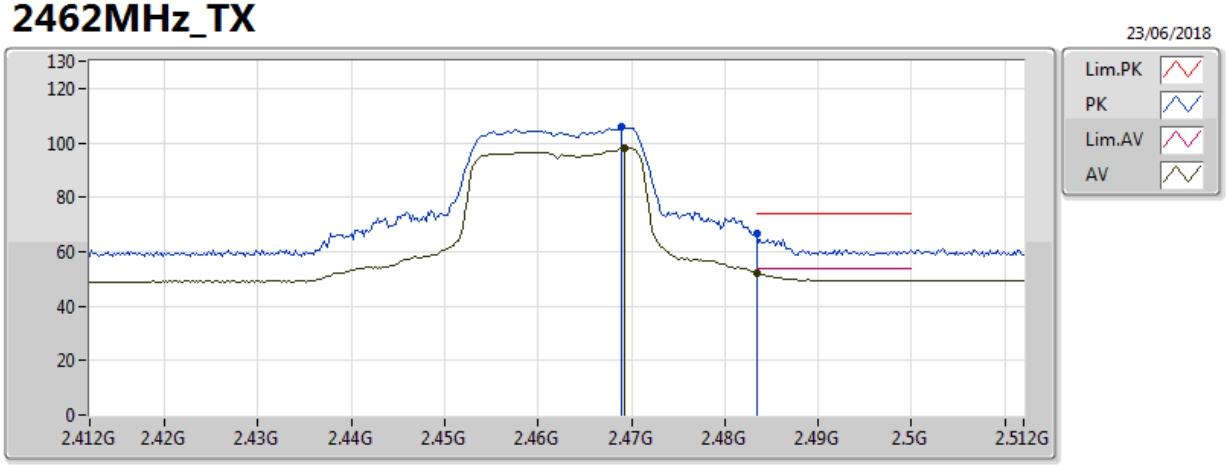
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4492G	103.70	Inf	-Inf	32.49	3	Horizontal	17	3.05	-
AV	2.483502G	53.73	54.00	-0.27	32.61	3	Horizontal	17	3.05	-
PK	2.4492G	111.54	Inf	-Inf	32.49	3	Horizontal	17	3.05	-
PK	2.483502G	72.61	74.00	-1.39	32.61	3	Horizontal	17	3.05	-

802.11n HT20_Nss1,(MCS0)_2TX

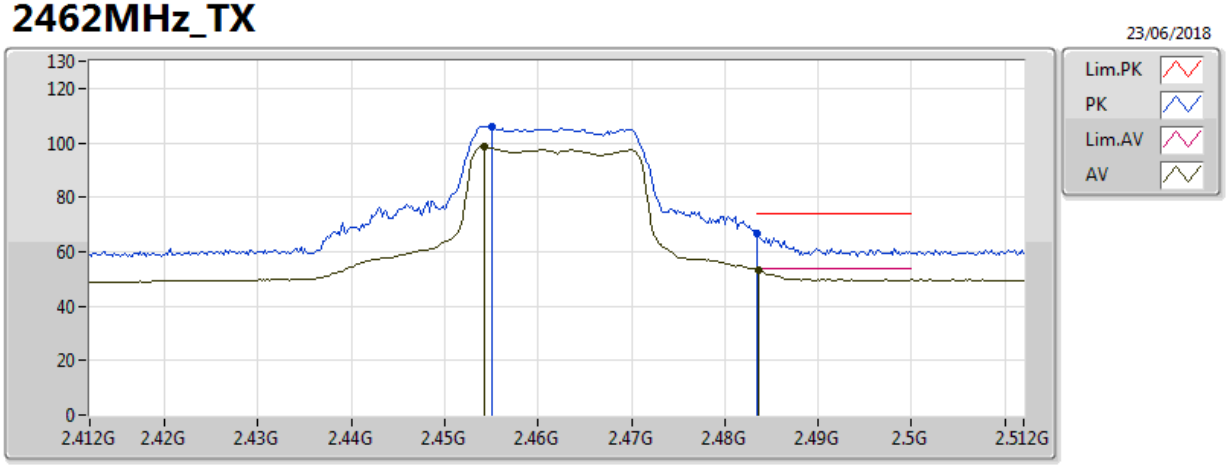
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4692G	97.97	Inf	-Inf	32.56	3	Vertical	324	1.50	-
AV	2.483502G	52.31	54.00	-1.69	32.61	3	Vertical	324	1.50	-
PK	2.469G	105.80	Inf	-Inf	32.56	3	Vertical	324	1.50	-
PK	2.483502G	66.47	74.00	-7.53	32.61	3	Vertical	324	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

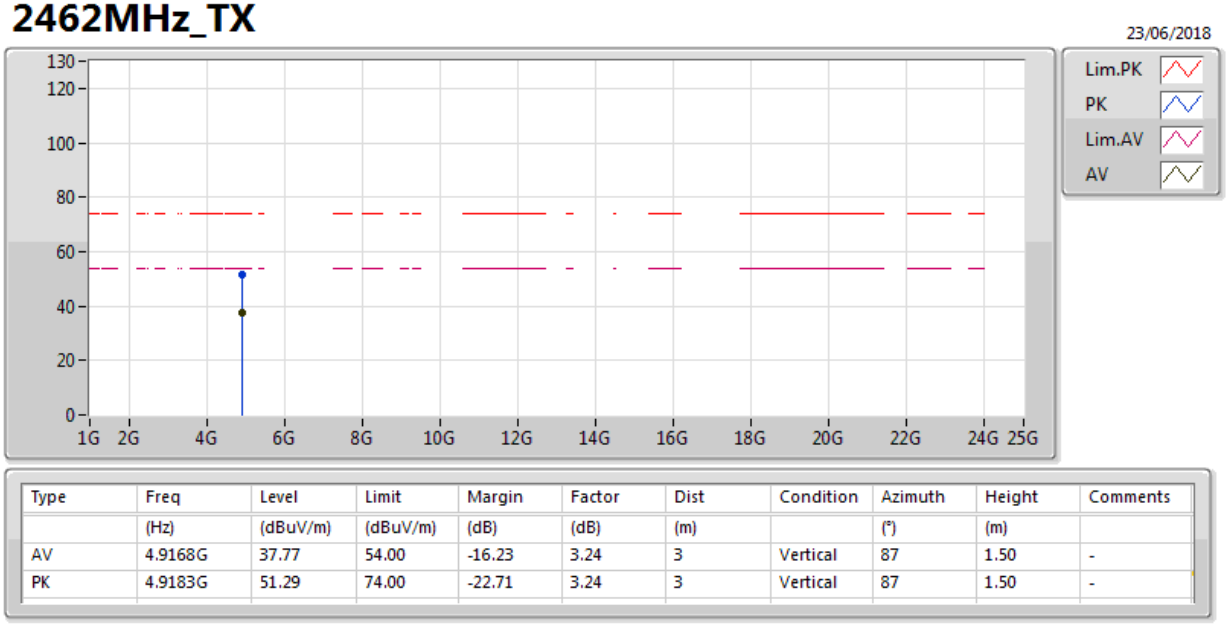
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4542G	98.50	Inf	-Inf	32.51	3	Horizontal	12	3.05	-
AV	2.4836G	53.09	54.00	-0.91	32.61	3	Horizontal	12	3.05	-
PK	2.455G	106.07	Inf	-Inf	32.51	3	Horizontal	12	3.05	-
PK	2.483502G	66.92	74.00	-7.08	32.61	3	Horizontal	12	3.05	-

802.11n HT20_Nss1,(MCS0)_2TX

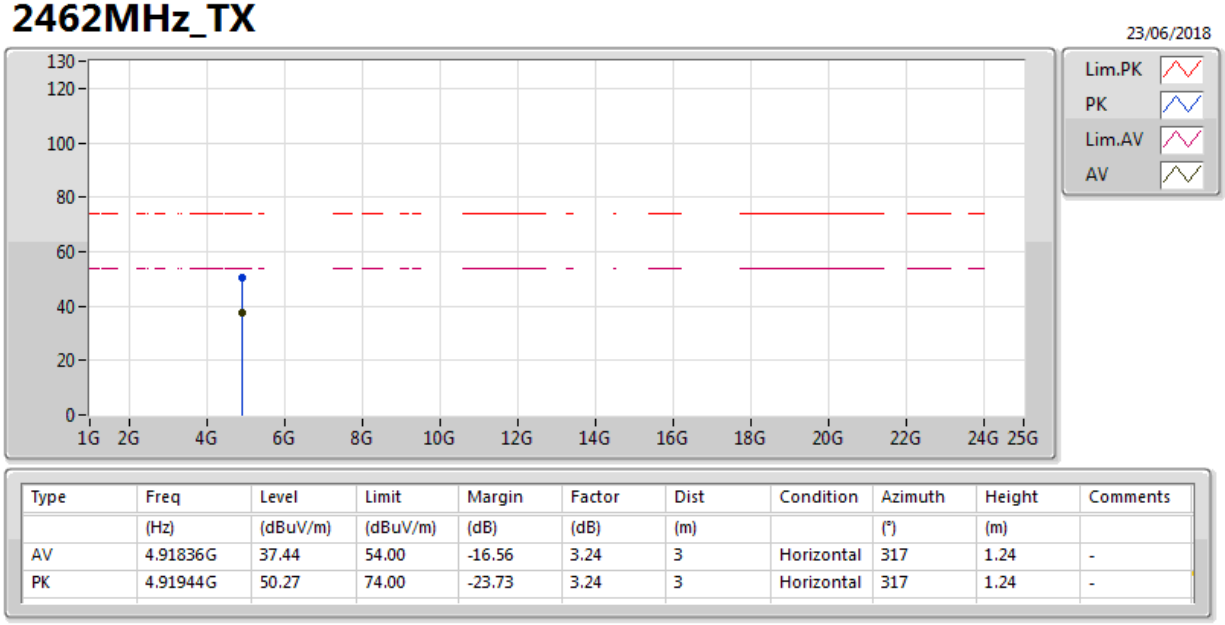
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9168G	37.77	54.00	-16.23	3.24	3	Vertical	87	1.50	-
PK	4.9183G	51.29	74.00	-22.71	3.24	3	Vertical	87	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

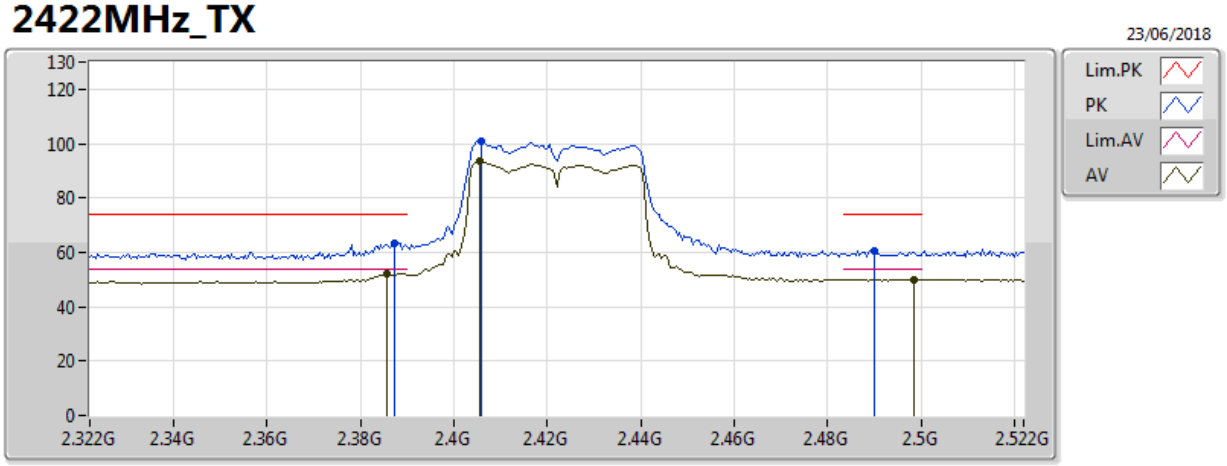
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.91836G	37.44	54.00	-16.56	3.24	3	Horizontal	317	1.24	-
PK	4.91944G	50.27	74.00	-23.73	3.24	3	Horizontal	317	1.24	-

802.11n HT40_Nss1,(MCS0)_2TX

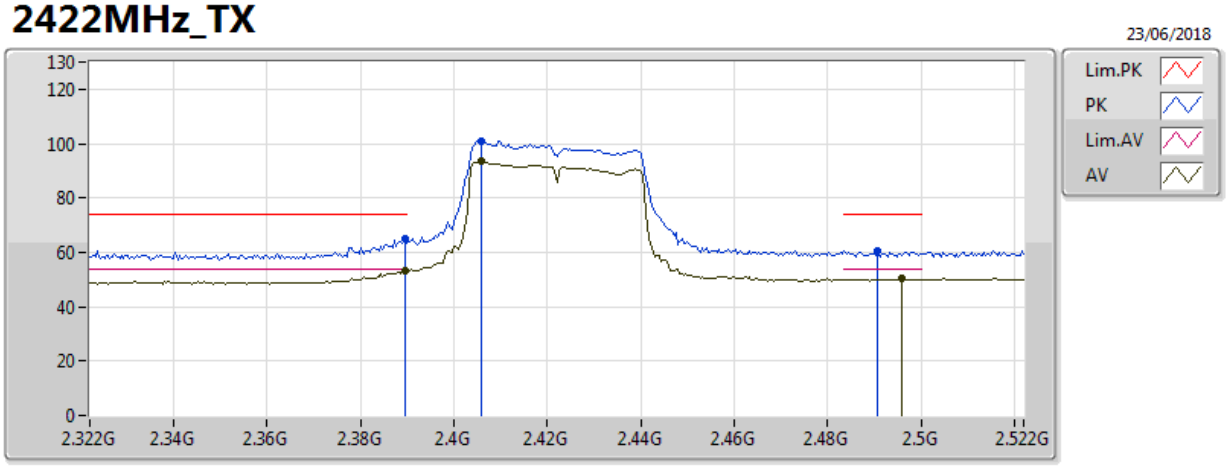
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3856G	52.18	54.00	-1.82	32.26	3	Vertical	336	1.67	-
AV	2.4056G	93.51	Inf	-Inf	32.33	3	Vertical	336	1.67	-
AV	2.4984G	49.92	54.00	-4.08	32.67	3	Vertical	336	1.67	-
PK	2.3872G	63.32	74.00	-10.68	32.26	3	Vertical	336	1.67	-
PK	2.406G	100.72	Inf	-Inf	32.33	3	Vertical	336	1.67	-
PK	2.49G	60.72	74.00	-13.28	32.64	3	Vertical	336	1.67	-

802.11n HT40_Nss1,(MCS0)_2TX

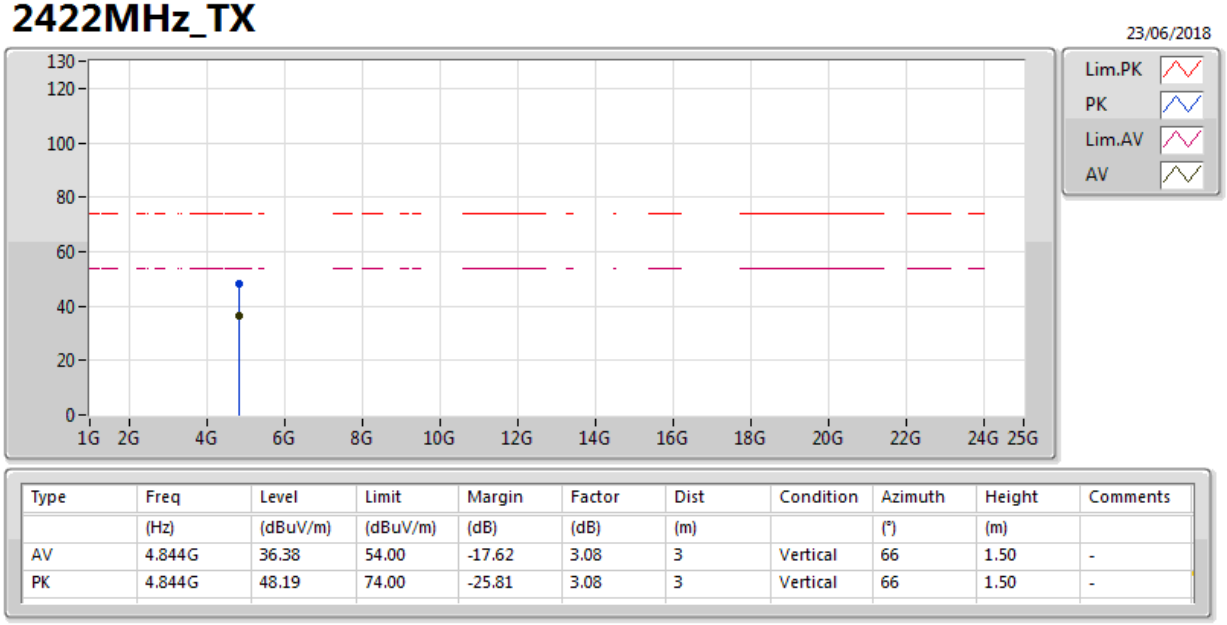
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	53.37	54.00	-0.63	32.28	3	Horizontal	8	3.19	-
AV	2.406G	93.58	Inf	-Inf	32.33	3	Horizontal	8	3.19	-
AV	2.496G	50.16	54.00	-3.84	32.66	3	Horizontal	8	3.19	-
PK	2.3896G	64.80	74.00	-9.20	32.28	3	Horizontal	8	3.19	-
PK	2.406G	100.83	Inf	-Inf	32.33	3	Horizontal	8	3.19	-
PK	2.4908G	60.72	74.00	-13.28	32.64	3	Horizontal	8	3.19	-

802.11n HT40_Nss1,(MCS0)_2TX

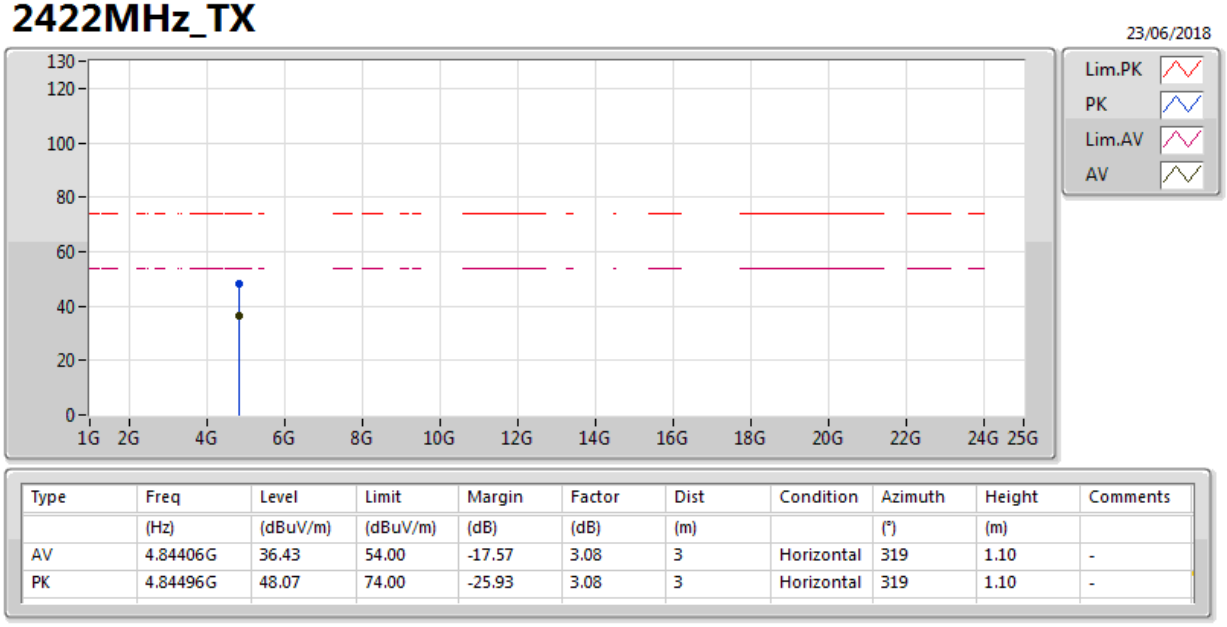
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.844G	36.38	54.00	-17.62	3.08	3	Vertical	66	1.50	-
PK	4.844G	48.19	74.00	-25.81	3.08	3	Vertical	66	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

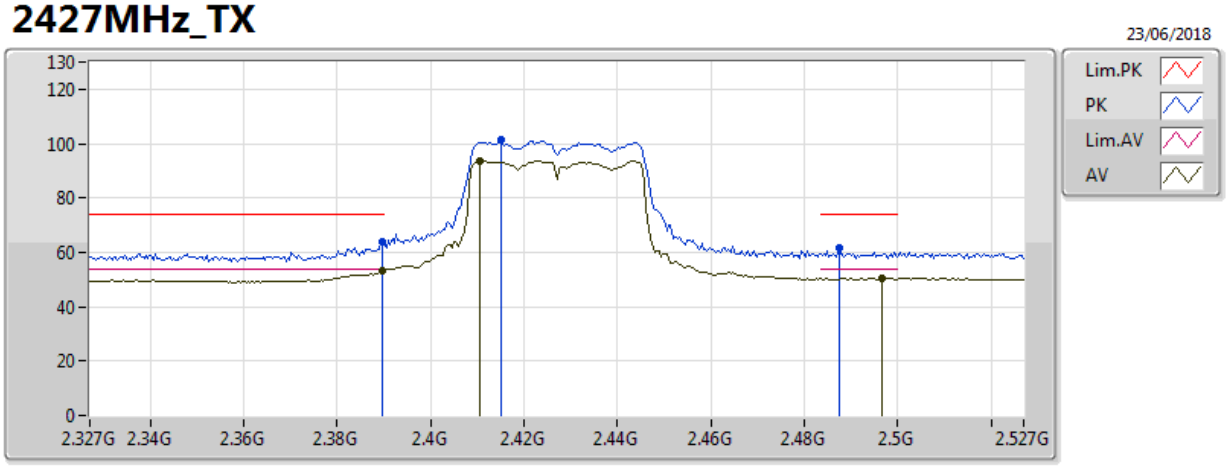
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84406G	36.43	54.00	-17.57	3.08	3	Horizontal	319	1.10	-
PK	4.84496G	48.07	74.00	-25.93	3.08	3	Horizontal	319	1.10	-

802.11n HT40_Nss1,(MCS0)_2TX

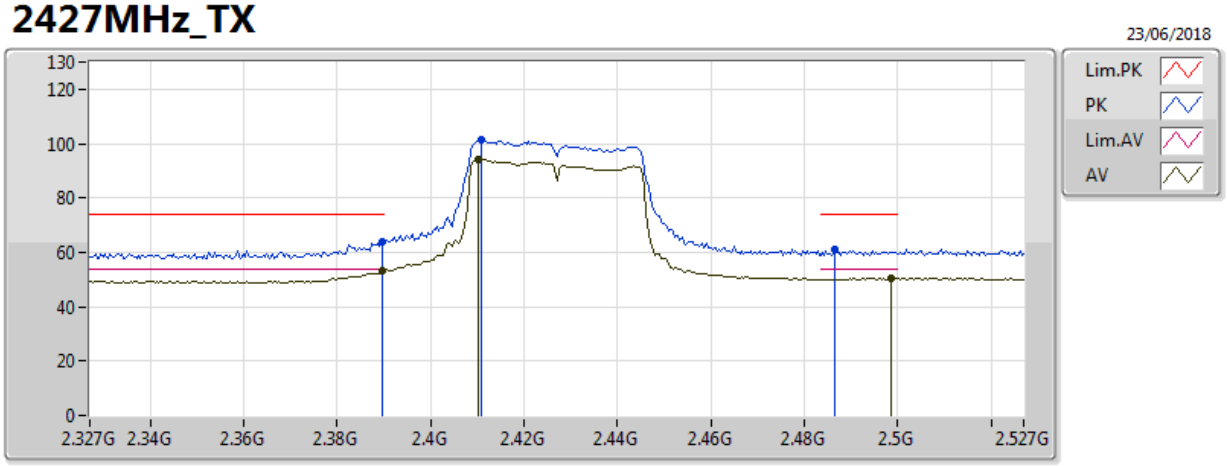
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.38	54.00	-0.62	32.28	3	Vertical	322	1.65	-
AV	2.4106G	93.72	Inf	-Inf	32.35	3	Vertical	322	1.65	-
AV	2.4966G	50.65	54.00	-3.35	32.66	3	Vertical	322	1.65	-
PK	2.3898G	63.64	74.00	-10.36	32.28	3	Vertical	322	1.65	-
PK	2.415G	101.34	Inf	-Inf	32.36	3	Vertical	322	1.65	-
PK	2.4874G	61.63	74.00	-12.37	32.62	3	Vertical	322	1.65	-

802.11n HT40_Nss1,(MCS0)_2TX

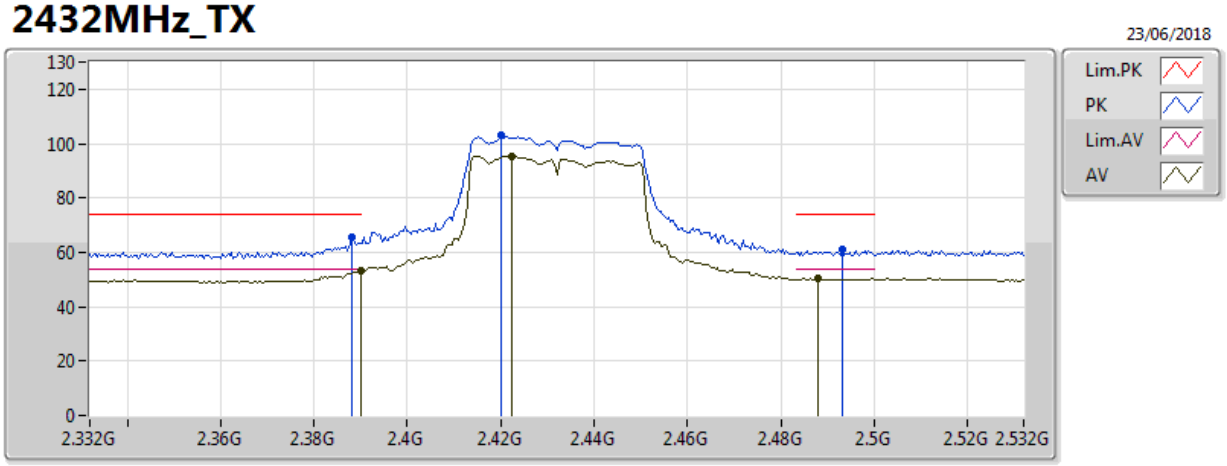
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.22	54.00	-0.78	32.28	3	Horizontal	18	3.19	-
AV	2.4102G	94.40	Inf	-Inf	32.35	3	Horizontal	18	3.19	-
AV	2.4986G	50.42	54.00	-3.58	32.67	3	Horizontal	18	3.19	-
PK	2.3898G	64.08	74.00	-9.92	32.28	3	Horizontal	18	3.19	-
PK	2.411G	101.63	Inf	-Inf	32.35	3	Horizontal	18	3.19	-
PK	2.4866G	60.84	74.00	-13.16	32.62	3	Horizontal	18	3.19	-

802.11n HT40_Nss1,(MCS0)_2TX

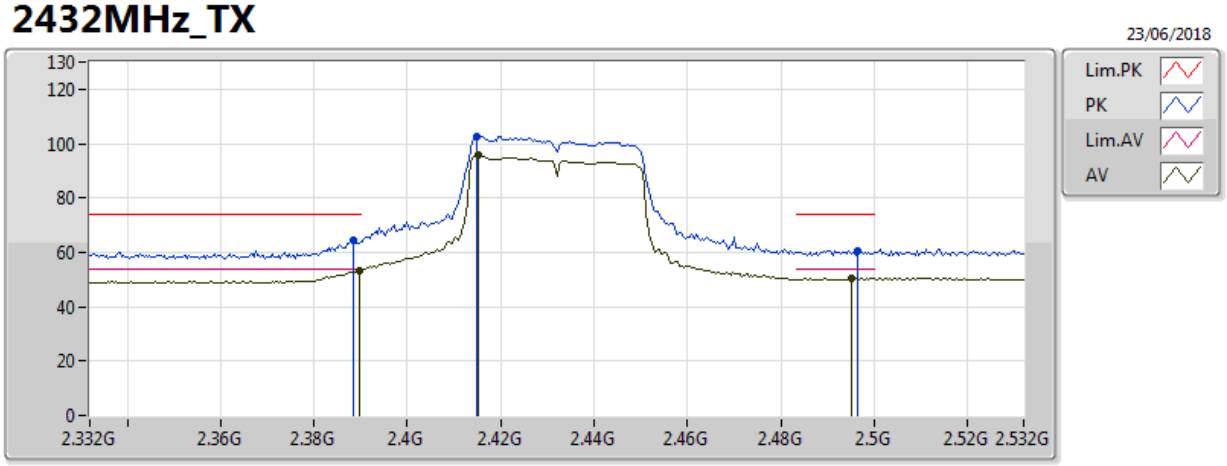
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.37	54.00	-0.63	32.28	3	Vertical	329	1.56	-
AV	2.4224G	95.49	Inf	-Inf	32.39	3	Vertical	329	1.56	-
AV	2.488G	50.62	54.00	-3.38	32.63	3	Vertical	329	1.56	-
PK	2.388G	65.31	74.00	-8.69	32.27	3	Vertical	329	1.56	-
PK	2.42G	102.88	Inf	-Inf	32.38	3	Vertical	329	1.56	-
PK	2.4932G	61.26	74.00	-12.74	32.64	3	Vertical	329	1.56	-

802.11n HT40_Nss1,(MCS0)_2TX

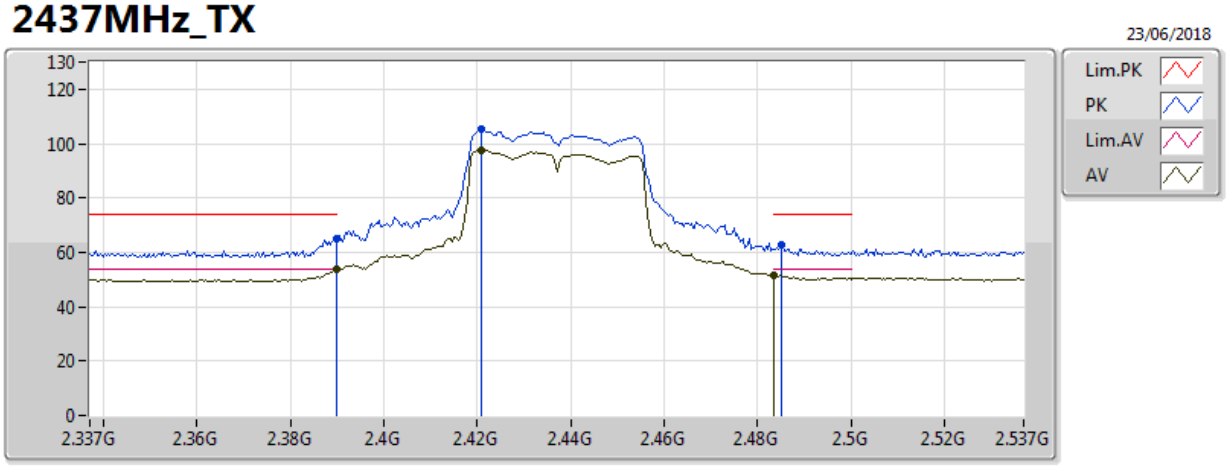
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	53.22	54.00	-0.78	32.28	3	Horizontal	20	3.17	-
AV	2.4152G	95.75	Inf	-Inf	32.36	3	Horizontal	20	3.17	-
AV	2.4952G	50.64	54.00	-3.36	32.65	3	Horizontal	20	3.17	-
PK	2.3884G	64.38	74.00	-9.62	32.27	3	Horizontal	20	3.17	-
PK	2.4148G	102.79	Inf	-Inf	32.36	3	Horizontal	20	3.17	-
PK	2.4964G	60.66	74.00	-13.34	32.66	3	Horizontal	20	3.17	-

802.11n HT40_Nss1,(MCS0)_2TX

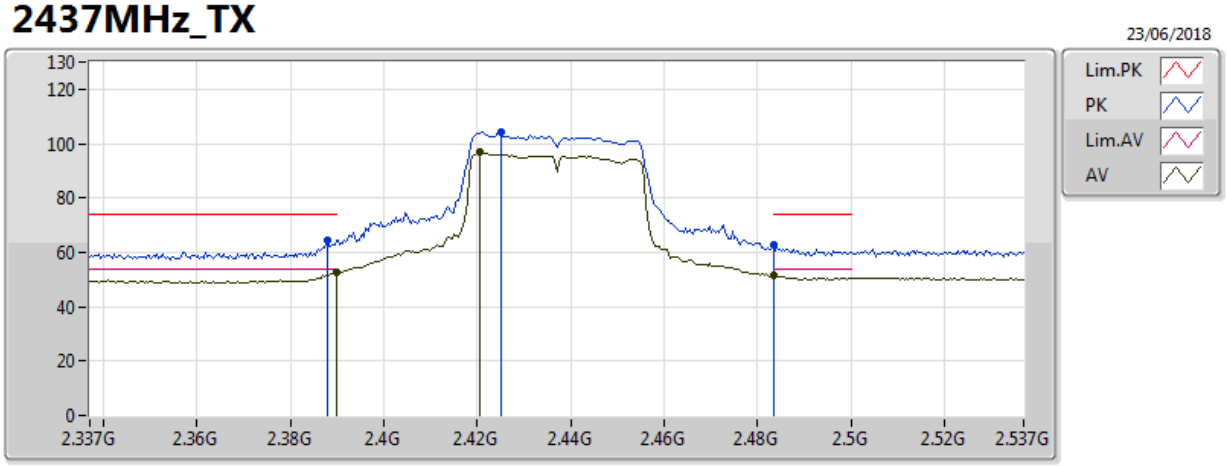
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.53	54.00	-0.47	32.28	3	Vertical	332	1.87	-
AV	2.421G	97.76	Inf	-Inf	32.39	3	Vertical	332	1.87	-
AV	2.483502G	51.28	54.00	-2.72	32.61	3	Vertical	332	1.87	-
PK	2.3898G	65.15	74.00	-8.85	32.28	3	Vertical	332	1.87	-
PK	2.421G	105.34	Inf	-Inf	32.39	3	Vertical	332	1.87	-
PK	2.485G	62.85	74.00	-11.15	32.61	3	Vertical	332	1.87	-

802.11n HT40_Nss1,(MCS0)_2TX

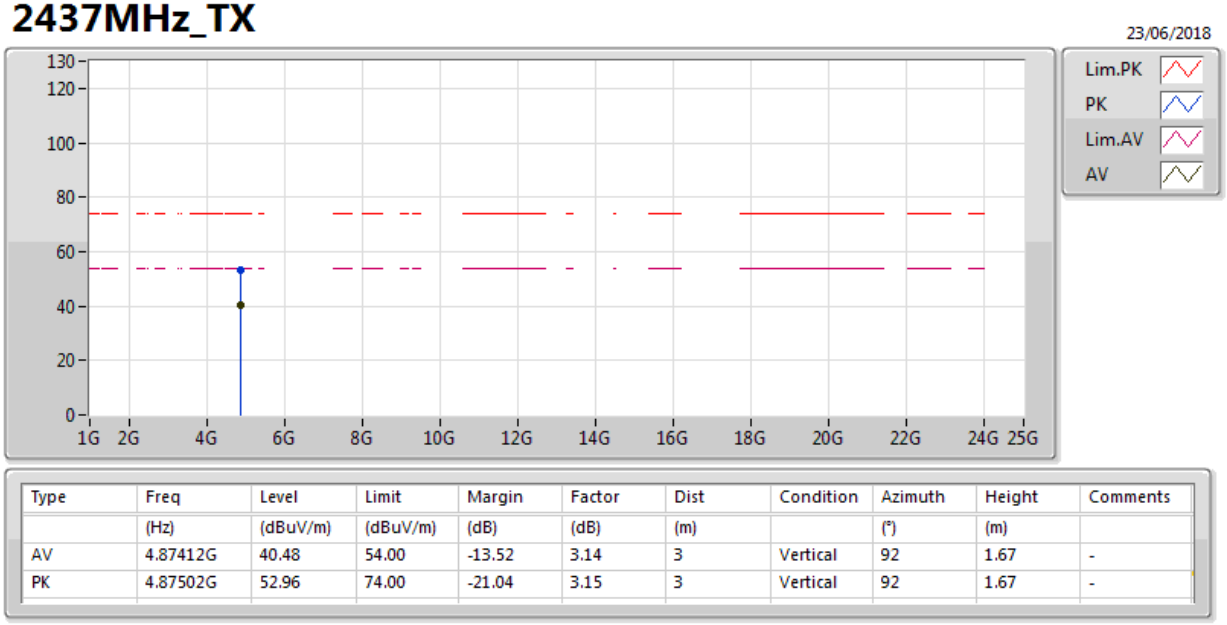
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	52.41	54.00	-1.59	32.28	3	Horizontal	18	3.14	-
AV	2.4206G	96.75	Inf	-Inf	32.38	3	Horizontal	18	3.14	-
AV	2.483502G	51.28	54.00	-2.72	32.61	3	Horizontal	18	3.14	-
PK	2.3878G	64.54	74.00	-9.46	32.27	3	Horizontal	18	3.14	-
PK	2.425G	104.24	Inf	-Inf	32.40	3	Horizontal	18	3.14	-
PK	2.483502G	62.58	74.00	-11.42	32.61	3	Horizontal	18	3.14	-

802.11n HT40_Nss1,(MCS0)_2TX

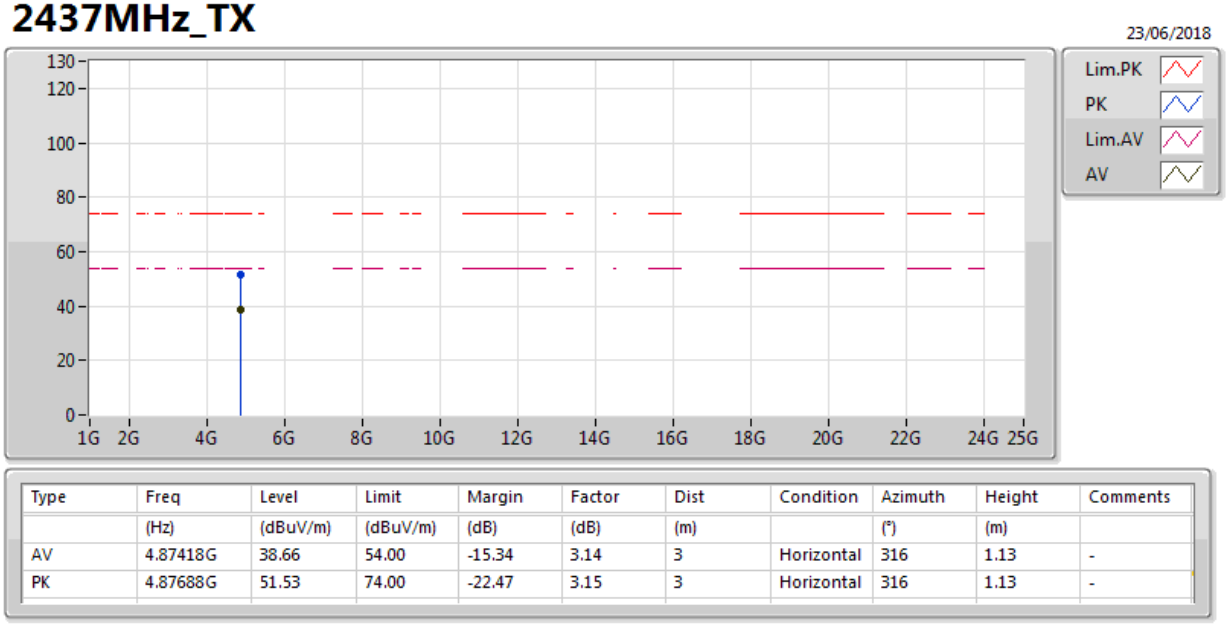
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87412G	40.48	54.00	-13.52	3.14	3	Vertical	92	1.67	-
PK	4.87502G	52.96	74.00	-21.04	3.15	3	Vertical	92	1.67	-

802.11n HT40_Nss1,(MCS0)_2TX

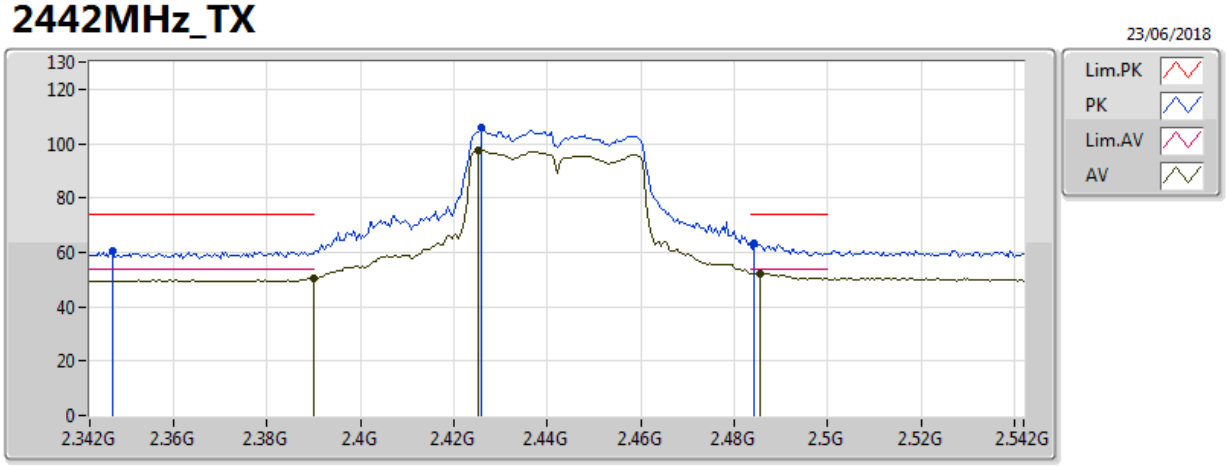
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87418G	38.66	54.00	-15.34	3.14	3	Horizontal	316	1.13	-
PK	4.87688G	51.53	74.00	-22.47	3.15	3	Horizontal	316	1.13	-

802.11n HT40_Nss1,(MCS0)_2TX

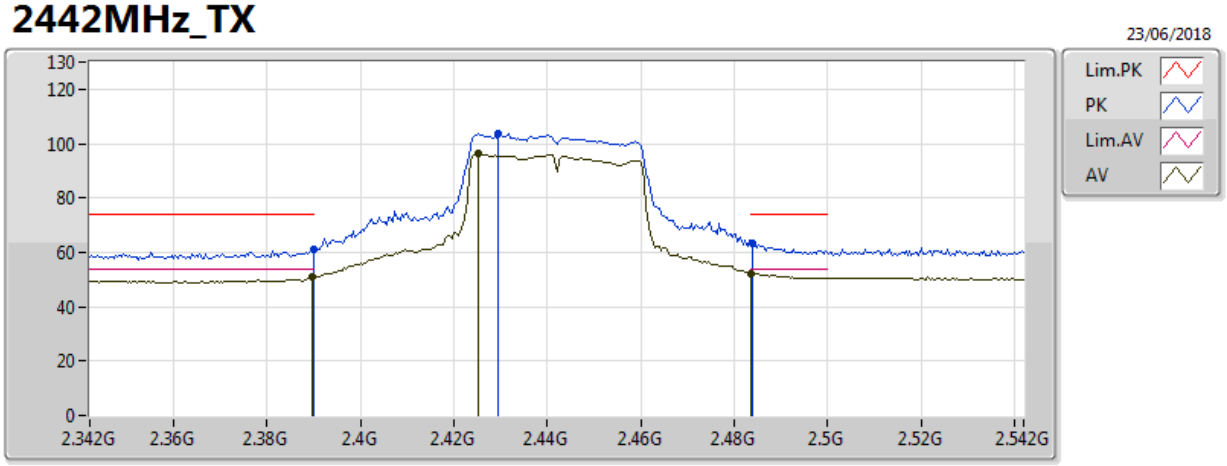
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	50.52	54.00	-3.48	32.28	3	Vertical	334	1.85	-
AV	2.4252G	97.63	Inf	-Inf	32.40	3	Vertical	334	1.85	-
AV	2.4856G	52.12	54.00	-1.88	32.62	3	Vertical	334	1.85	-
PK	2.3468G	60.65	74.00	-13.35	32.12	3	Vertical	334	1.85	-
PK	2.426G	105.67	Inf	-Inf	32.40	3	Vertical	334	1.85	-
PK	2.4844G	63.12	74.00	-10.88	32.61	3	Vertical	334	1.85	-

802.11n HT40_Nss1,(MCS0)_2TX

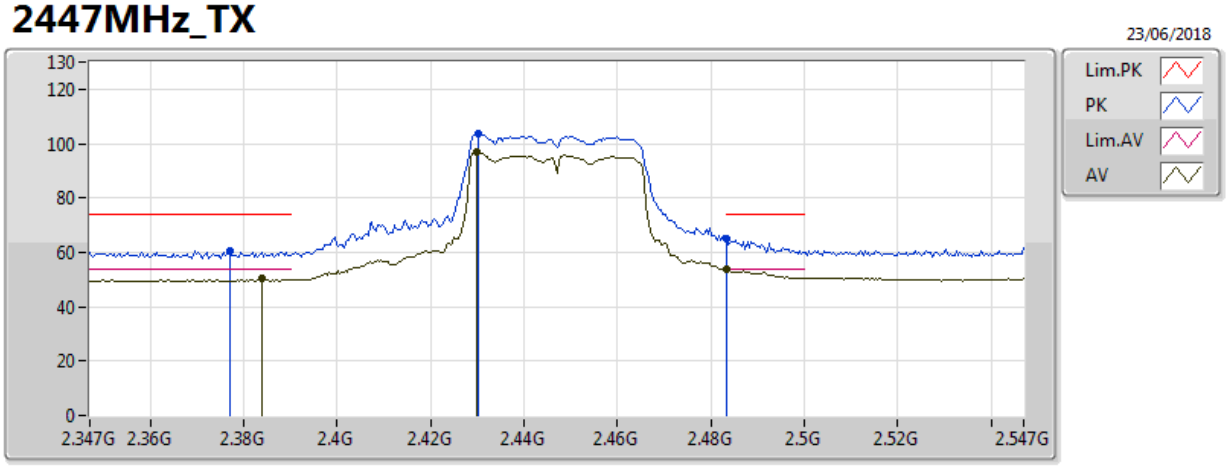
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	50.93	54.00	-3.07	32.28	3	Horizontal	8	3.14	-
AV	2.4252G	96.44	Inf	-Inf	32.40	3	Horizontal	8	3.14	-
AV	2.483502G	52.31	54.00	-1.69	32.61	3	Horizontal	8	3.14	-
PK	2.389998G	61.01	74.00	-12.99	32.28	3	Horizontal	8	3.14	-
PK	2.4296G	103.91	Inf	-Inf	32.42	3	Horizontal	8	3.14	-
PK	2.484G	63.23	74.00	-10.77	32.61	3	Horizontal	8	3.14	-

802.11n HT40_Nss1,(MCS0)_2TX

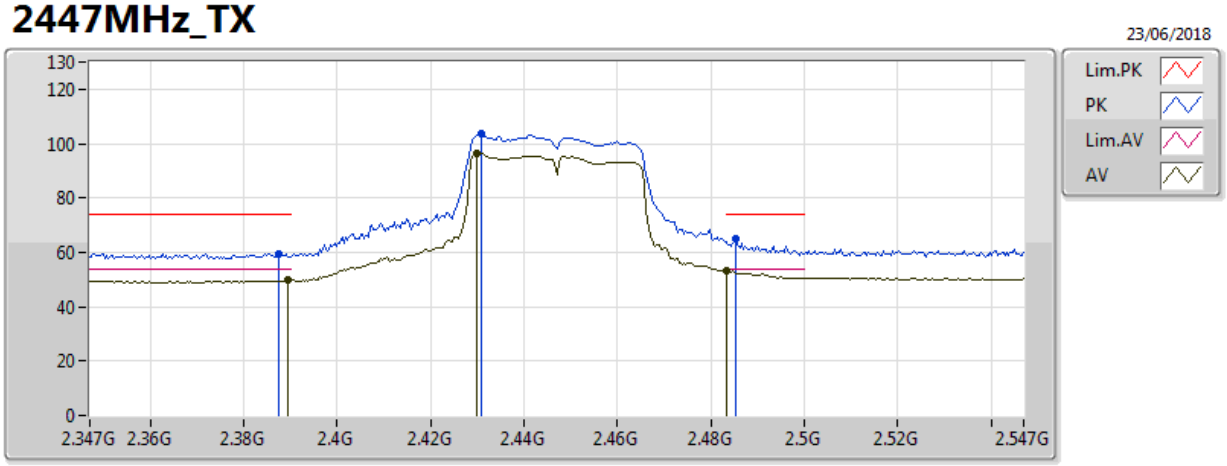
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3838G	50.22	54.00	-3.78	32.25	3	Vertical	325	2.00	-
AV	2.4298G	97.16	Inf	-Inf	32.42	3	Vertical	325	2.00	-
AV	2.483502G	53.56	54.00	-0.44	32.61	3	Vertical	325	2.00	-
PK	2.377G	60.72	74.00	-13.28	32.22	3	Vertical	325	2.00	-
PK	2.4302G	103.90	Inf	-Inf	32.42	3	Vertical	325	2.00	-
PK	2.483502G	64.89	74.00	-9.11	32.61	3	Vertical	325	2.00	-

802.11n HT40_Nss1,(MCS0)_2TX

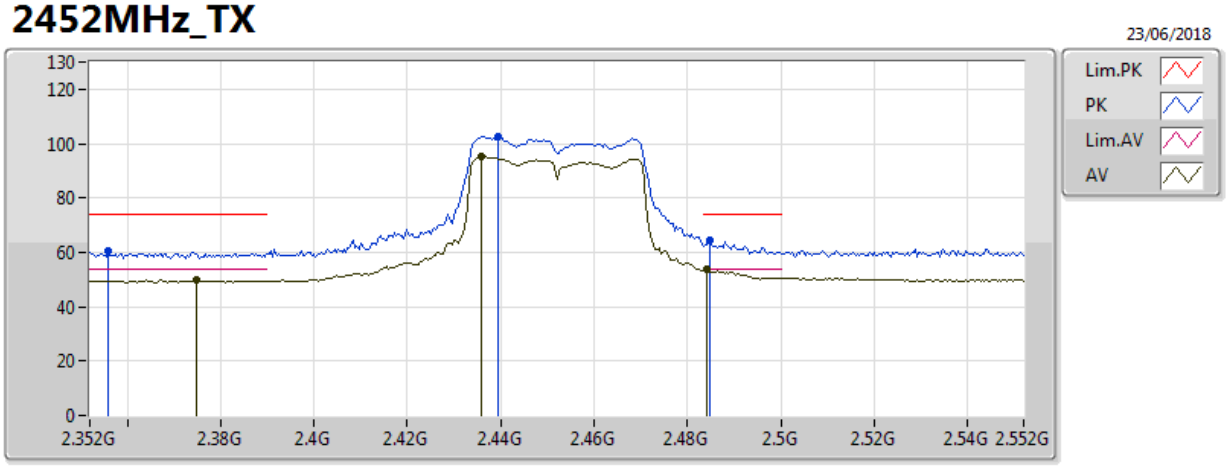
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	49.61	54.00	-4.39	32.27	3	Horizontal	19	3.12	-
AV	2.4298G	96.40	Inf	-Inf	32.42	3	Horizontal	19	3.12	-
AV	2.483502G	53.22	54.00	-0.78	32.61	3	Horizontal	19	3.12	-
PK	2.3874G	59.67	74.00	-14.33	32.26	3	Horizontal	19	3.12	-
PK	2.431G	103.47	Inf	-Inf	32.42	3	Horizontal	19	3.12	-
PK	2.4854G	64.85	74.00	-9.15	32.61	3	Horizontal	19	3.12	-

802.11n HT40_Nss1,(MCS0)_2TX

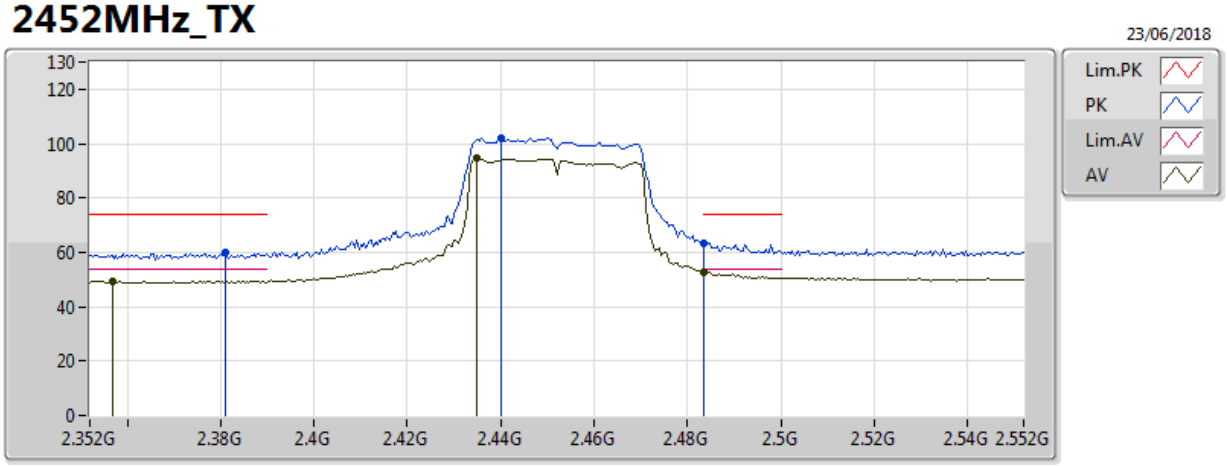
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3748G	49.76	54.00	-4.24	32.22	3	Vertical	329	1.82	-
AV	2.436G	95.22	Inf	-Inf	32.44	3	Vertical	329	1.82	-
AV	2.484G	53.56	54.00	-0.44	32.61	3	Vertical	329	1.82	-
PK	2.356G	60.40	74.00	-13.60	32.15	3	Vertical	329	1.82	-
PK	2.4396G	102.71	Inf	-Inf	32.45	3	Vertical	329	1.82	-
PK	2.4848G	64.26	74.00	-9.74	32.61	3	Vertical	329	1.82	-

802.11n HT40_Nss1,(MCS0)_2TX

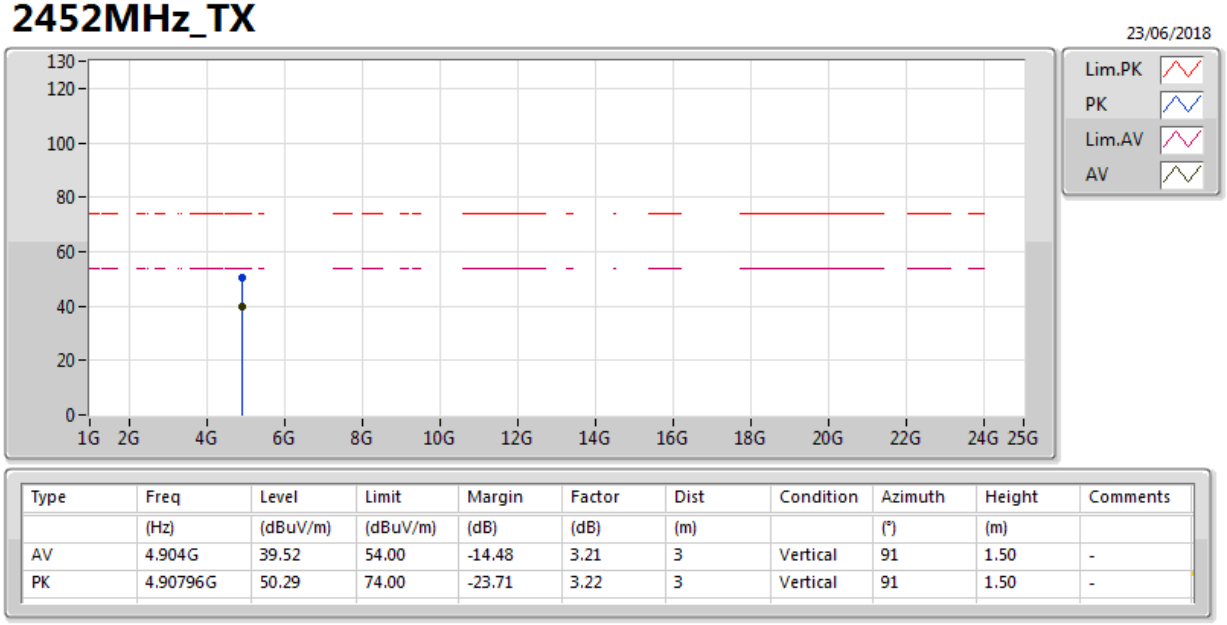
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3568G	49.51	54.00	-4.49	32.16	3	Horizontal	6	3.08	-
AV	2.4348G	94.53	Inf	-Inf	32.44	3	Horizontal	6	3.08	-
AV	2.483502G	52.69	54.00	-1.31	32.61	3	Horizontal	6	3.08	-
PK	2.3812G	59.83	74.00	-14.17	32.24	3	Horizontal	6	3.08	-
PK	2.44G	102.00	Inf	-Inf	32.45	3	Horizontal	6	3.08	-
PK	2.483502G	63.43	74.00	-10.57	32.61	3	Horizontal	6	3.08	-

802.11n HT40_Nss1,(MCS0)_2TX

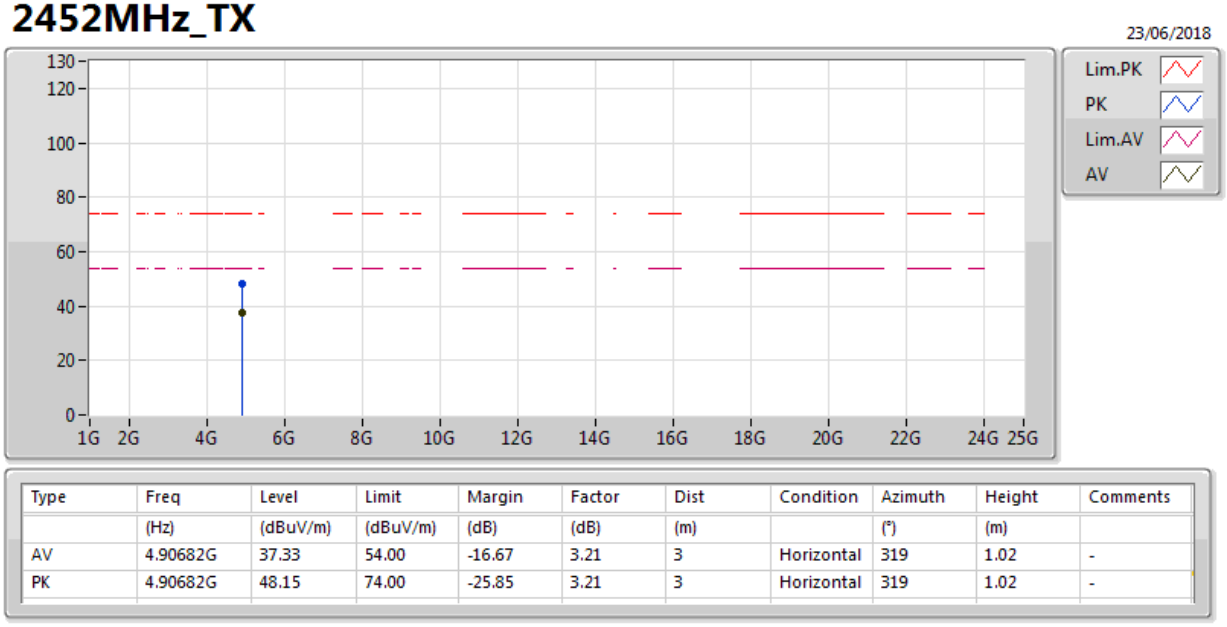
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.904G	39.52	54.00	-14.48	3.21	3	Vertical	91	1.50	-
PK	4.90796G	50.29	74.00	-23.71	3.22	3	Vertical	91	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



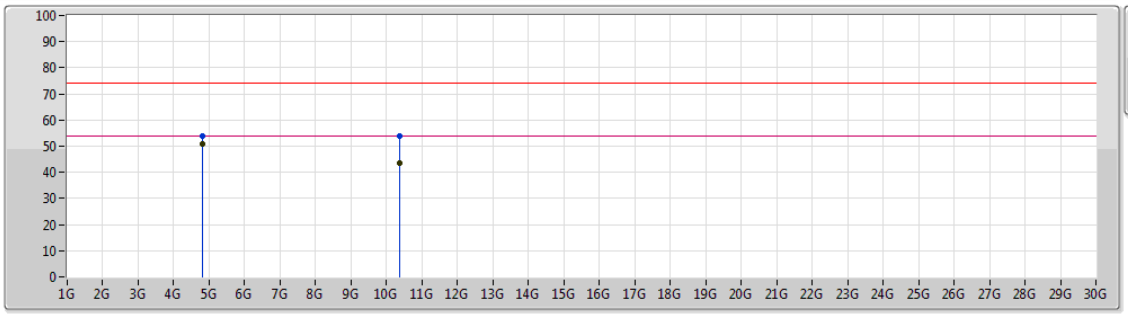
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90682G	37.33	54.00	-16.67	3.21	3	Horizontal	319	1.02	-
PK	4.90682G	48.15	74.00	-25.85	3.21	3	Horizontal	319	1.02	-

Summary

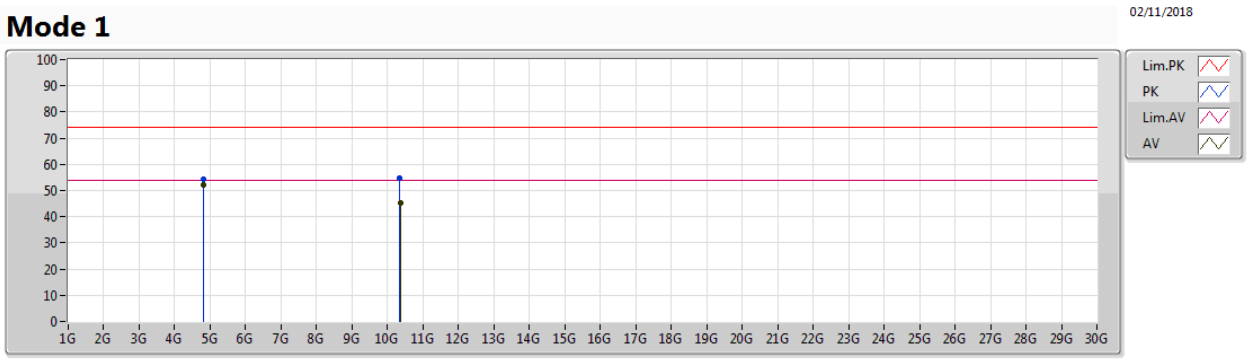
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.82411G	52.15	54.00	-1.85	2.13	3	Horizontal	341	1.10	-

Mode 1

02/11/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82412G	50.68	54.00	-3.32	2.13	3	Vertical	6	1.50	-
AV	10.3557G	43.50	54.00	-10.50	12.63	3	Vertical	159	1.60	-
PK	4.82395G	53.87	74.00	-20.13	2.13	3	Vertical	6	1.50	-
PK	10.35746G	53.72	74.00	-20.28	12.63	3	Vertical	159	1.60	-



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82411G	52.15	54.00	-1.85	2.13	3	Horizontal	341	1.10	-
AV	10.36702G	45.09	54.00	-8.91	12.64	3	Horizontal	177	1.38	-
PK	4.82419G	54.15	74.00	-19.85	2.13	3	Horizontal	341	1.10	-
PK	10.35369G	54.60	74.00	-19.40	12.63	3	Horizontal	177	1.38	-