FCC Test Report

Equipment	:	802.11 a/b/g/n/ac 2T2R+BT V4.2LE combo module
Brand Name	:	LITE-ON
Model No.	:	WCBN3510A
FCC ID	:	PPQ-WCBN3510A
Standard	:	47 CFR FCC Part 15.247
Operating Band	:	2400 MHz – 2483.5 MHz
Function	:	☒ Point-to-multipoint; ☐ Point-to-point
Applicant	:	LITE-ON Technology Corp. Bldg. C, 90, Chien 1 Road, Chung Ho, New Taipei City 23585, Taiwan, R.O.C
Manufacturer	:	LITE-ON TECHNOLOGY (Changzhou) CO., LTD A9 Building,No.88 Yanghu Road, Wujin Hi-Tech Industrial Development Zone ,Changzhou City, Jiangsu Province 213100 China

The product sample received on Nov. 27, 2017 and completely tested on Dec. 01, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen / Assistant Manager

Testing Laboratory
1190

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Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR7N1336AC	Rev. 01	Initial issue of report	Jan. 15, 2018

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), ac (VHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), ac (VHT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ac VHT20	20	2TX
2.4-2.4835GHz	802.11ac VHT40	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.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Project	Brand	Product Name	P/N	Antenna Type	Connector
1	-	Walsin	WIFI- Antenna	RFMTA401020IMLB701	PIFA	Mini i-Pex
2	-	Walsin	WIFI-2 Antenna	RFMTA401020IMLB701	PIFA	Mini i-Pex
3	-	Walsin	BT Antenna	RFMTA401020IMLB701	PIFA	Mini i-Pex
4	Sparrow 10 inch	Shenzhen South Star Technology Co., LTD	WIFI- Antenna	N12-4140-R0A	PIFA	-
5		Shenzhen South Star Technology Co., LTD	WIFI-2 Antenna	N12-4141-R0A	PIFA	-
6		Shenzhen South Star Technology Co., LTD	BT Antenna	N14-0594-R0A	PIFA	-
7	Sparrow 8 inch	Shenzhen South Star Technology Co., LTD	WIFI- Antenna	N12-4142-R0A	PIFA	-
8		Shenzhen South Star Technology Co., LTD	WIFI-2 Antenna	N12-4143-R0A	PIFA	-
9		Shenzhen South Star Technology Co., LTD	BT Antenna	N14-0595-R0A	PIFA	-

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	3.52	4.18	-
2	2	3.52	4.18	-
3	1	-	-	3.52
4	-	2.97	4.04	-
5	-	3.41	4.05	-
6	-	-	-	3.31
7	-	3.35	3.97	-
8	-	3.33	3.86	-
9	-	-	-	2.86

Note 1: EUT can match with above antennas for using. The higher gain (Ant. 1/2/3) was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4 GHz function:

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

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

For 5 GHz function:

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

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

For Bluetooth function:

For Bluetooth mode (1TX/1RX)
Only Ant. 3 (port 1) can be used as transmitting/receiving antenna.

1.1.3 EUT Information

Identify EUT				
RF Chip	Qualcomm QCA9379-3			
Operational Condition				
EUT Power Type	From System			
Beamforming Function	☐	With beamforming	☒	Without beamforming

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.989	0.048	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.941	0.264	2.065m	1k
802.11ac VHT20	0.939	0.273	1.933m	1k
802.11ac VHT40	0.868	0.615	945.937u	3k

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 558074 D01 v04
- 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
RF Conducted	TH07-HY	Ryan	24.5°C / 65%	01/Dec/2017
Radiated	03CH03-HY	Jeff	24.1°C / 63%	01/Dec/2017
AC Conduction	CO04-HY	Eric	24.1°C / 63%	01/Dec/2017

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	QCARCT 3.0.197.0

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	16.5
2437MHz	16
2462MHz	16.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16
2417MHz	20
2422MHz	21
2427MHz	23
2437MHz	23
2442MHz	23
2447MHz	22
2452MHz	20.5
2457MHz	18
2462MHz	13.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	19
2422MHz	20.5
2427MHz	22
2432MHz	24
2437MHz	24.5
2442MHz	23
2447MHz	21
2452MHz	18
2457MHz	17

Mode	Power Setting
2462MHz	14
802.11ac VHT40_Nss1,(MCS0)_2TX	-
2422MHz	13.5
2427MHz	13.5
2432MHz	14.5
2437MHz	15
2442MHz	12
2447MHz	11.5
2452MHz	11.5

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	Adapter mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter mode		
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
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz
Refer to Sporton Test Report No.: FA7N1336 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	Notebook	DELL	E5410	DoC
4	Adapter for NB	DELL	HA65NM130	DoC
5	Fixture	-	-	N/A
6	AC adapter for Fixture	Asian	WB-18D12FU	N/A

Note: Support equipment No.5 & 6 were provided by customer.

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Fixture	-	-	N/A
2	AC adapter for Fixture	Asian	WB-18D12FU	N/A

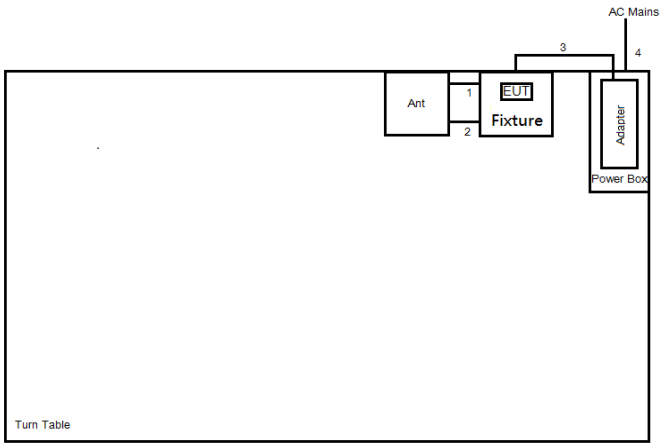
Note: Support equipment No.1 & 2 were provided by customer.

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Fixture	-	-	N/A
2	AC adapter for Fixture	Asian	WB-18D12FU	N/A

Note: Support equipment No.1 & 2 were provided by customer.

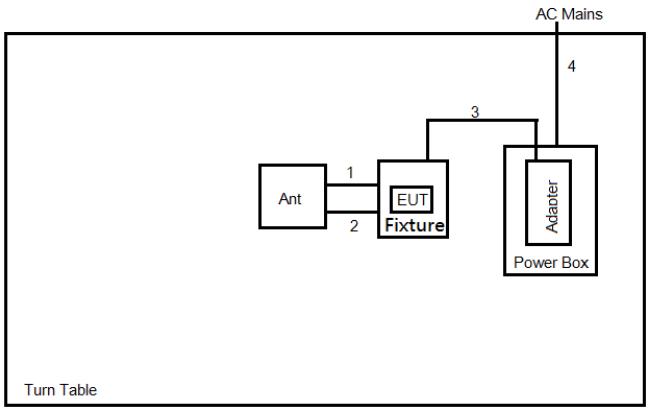
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	RF cable	No	0.2m	-
2	RF cable	No	0.2m	-
3	DC Power cable	No	1.5m	-
4	AC Power cable	No	1.5m	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	RF cable	No	0.2m	-
2	RF cable	No	0.2m	-
3	DC Power cable	No	1.5m	-
4	AC Power cable	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

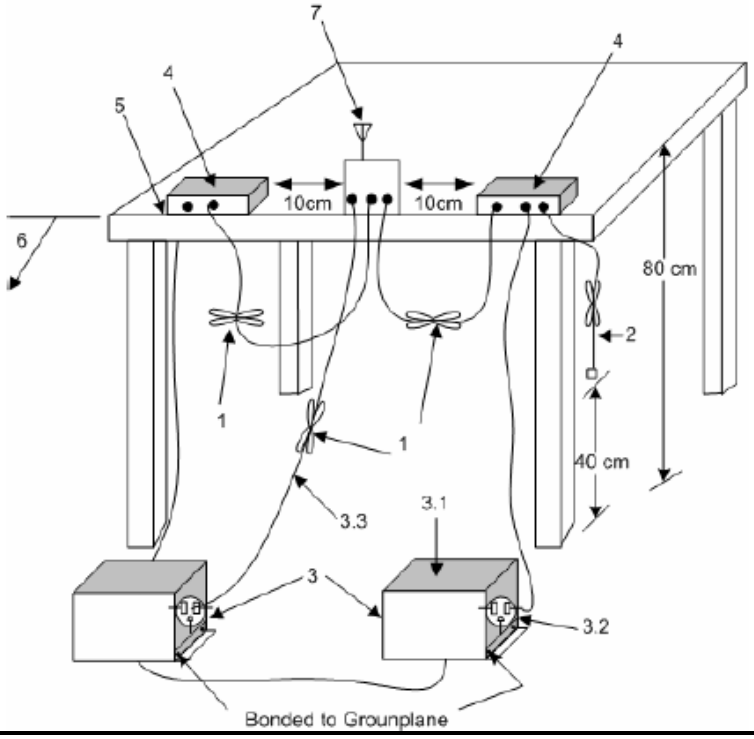
Refer a test equipment and calibration data table in this test report.

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.

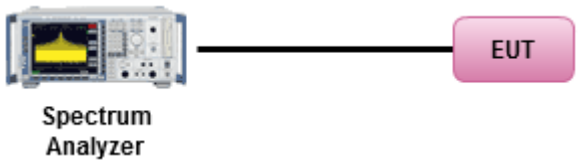
3.2.2 Measuring Instruments

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 8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as RSS-Gen, clause 6.6 for for occupied bandwidth testing.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)	
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm	
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
	▪ Smart antenna system (SAS):	
		- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm
e.i.r.p. Power Limit:		
▪ 2400-2483.5 MHz Band		
	▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)	
	▪ Point-to-point systems (P2P): $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX}])$ dBm	
	▪ Smart antenna system (SAS)	
		- Single beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
		- Overlap beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
		- Aggregate power on all beams: $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
	☐ Refer as KDB 558074, clause 9.1.2 Option 2 (integrated band power method)
	☐ Refer as KDB 558074, clause 9.1.3 Option 3 (peak power meter for VBW ≥ DTS BW)
▪ Maximum Average Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
	Duty cycle < 98%
	☐ Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
	RF power meter and average over on/off periods with duty factor or gated trigger
	☒ Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average 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

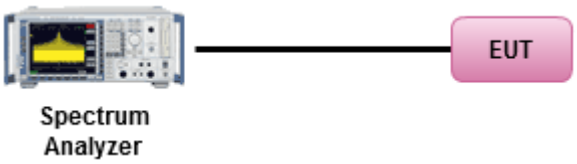
3.4.2 Measuring Instruments

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 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).	
▪ 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

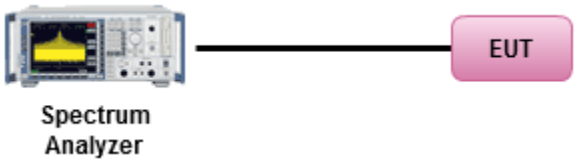
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

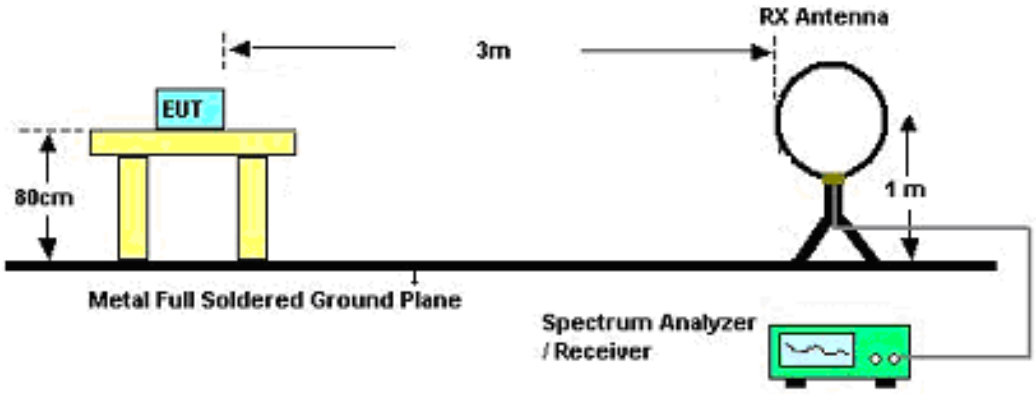
3.6.3 Test Procedures

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

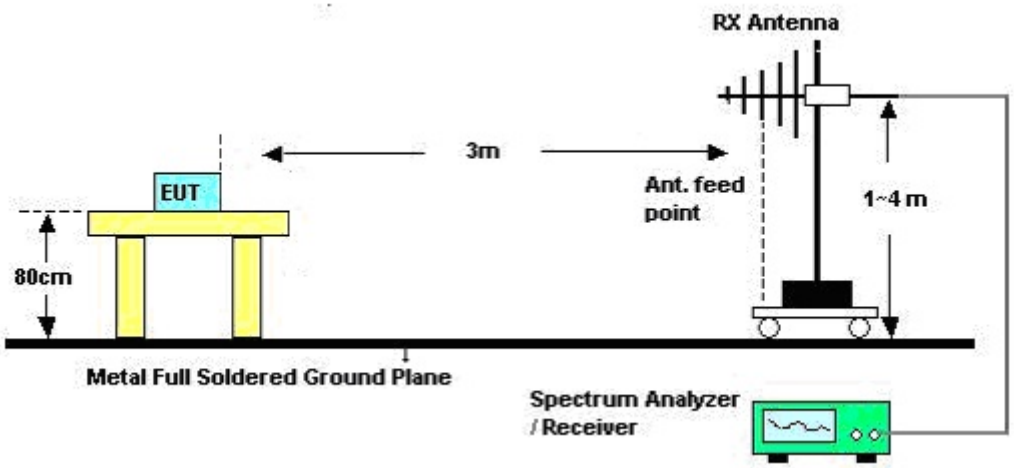
3.6.4 Test Setup

Emissions in Restricted Frequency Bands

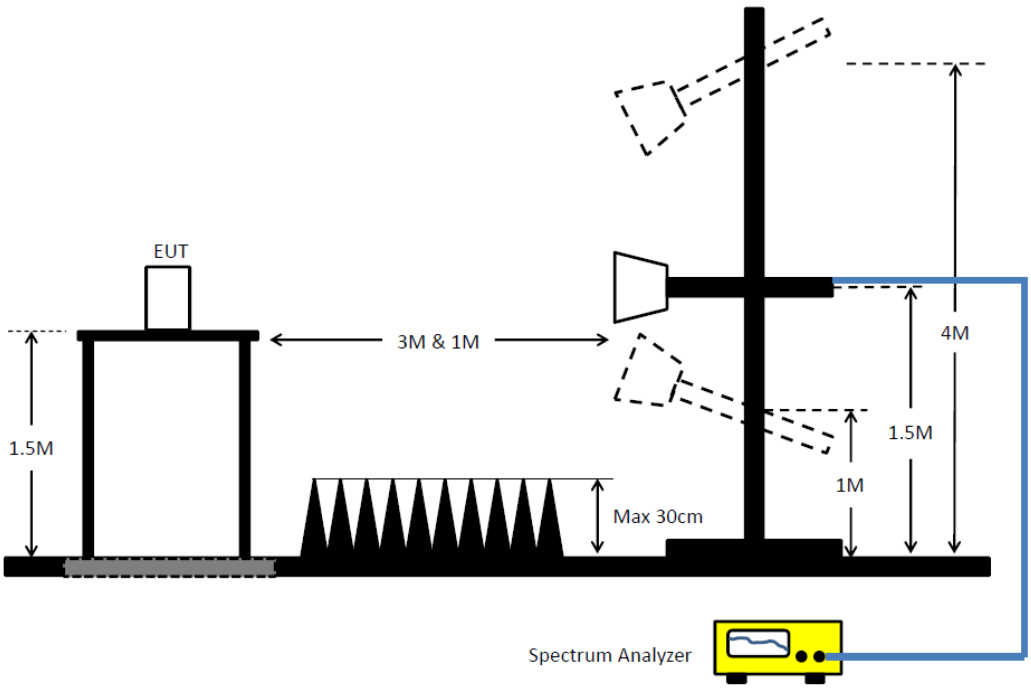
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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

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

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

NCR : Non-Calibration Require

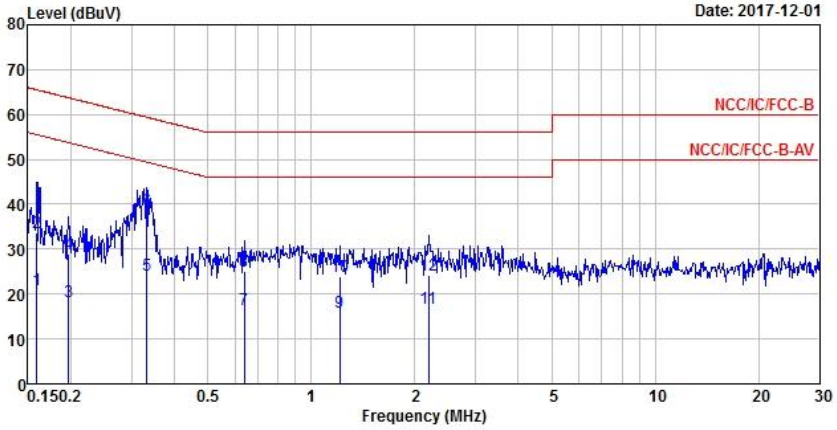
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	31/Oct/2017	30/Oct/2018
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	01/Nov/2017	31/Oct/2018
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	19/Apr/2017	18/Apr/2018
Amplifier	Keysight	83017A	MY53270196	1GHz ~ 26.5GHz	31/Aug/2017	30/Aug/2018
Spectrum	R&S	FSV40	101500	9kHz ~ 40GHz	28/Jun/2017	27/Jun/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018
RF Cable-high	SUHNER	SUCOFLEX106	CB222	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
Bilog Antenna	SCHAFFNER	CBL 6112B	22237	30MHz ~ 1GHz	08/Jul/2017	07/Jul/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz ~ 40GHz	06/Feb/ 2017	05/Feb/2018
Horn Antenna	SCHWARZBECK	BBHA9120D	1531	1GHz ~ 18GHz	25/Apr/ 2017	24/Apr/2018
Loop Antenna	TESEQ	HLA 6120	31244	9 kHz~30 MHz	02/Mar/2017	01/Mar/2018

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	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	10/May/2017	09/May/2018
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	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
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018

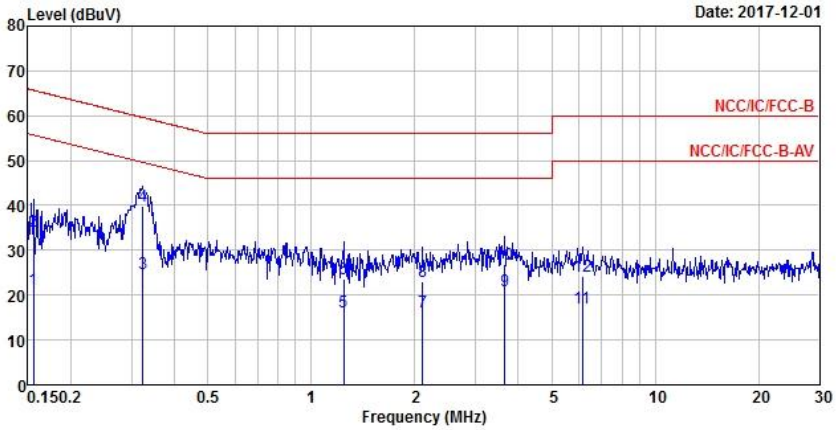
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter mode		



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.1590	20.89	-34.63	55.52	11.24	9.62	0.03	Average
2		0.1590	33.69	-31.83	65.52	24.04	9.62	0.03	QP
3		0.1965	18.40	-35.36	53.76	8.78	9.62	0.00	Average
4		0.1965	28.90	-34.86	63.76	19.28	9.62	0.00	QP
5		0.3321	24.24	-25.16	49.40	14.56	9.61	0.07	Average
6	MAX	0.3321	38.59	-20.81	59.40	28.91	9.61	0.07	QP
7		0.6372	16.47	-29.53	46.00	6.81	9.61	0.05	Average
8		0.6372	24.96	-31.04	56.00	15.30	9.61	0.05	QP
9		1.2098	16.07	-29.93	46.00	6.46	9.61	0.00	Average
10		1.2098	23.84	-32.16	56.00	14.23	9.61	0.00	QP
11		2.1898	16.74	-29.26	46.00	7.11	9.62	0.01	Average
12		2.1898	24.33	-31.67	56.00	14.70	9.62	0.01	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	Adapter mode		



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.1557	21.33	-34.36	55.69	11.66	9.63	0.04	Average
2		0.1557	34.35	-31.34	65.69	24.68	9.63	0.04	QP
3		0.3234	24.82	-24.80	49.62	15.14	9.61	0.07	Average
4	MAX	0.3234	39.81	-19.81	59.62	30.13	9.61	0.07	QP
5		1.2422	16.09	-29.91	46.00	6.47	9.62	0.00	Average
6		1.2422	23.63	-32.37	56.00	14.01	9.62	0.00	QP
7		2.1101	16.29	-29.71	46.00	6.65	9.63	0.01	Average
8		2.1101	23.02	-32.98	56.00	13.38	9.63	0.01	QP
9		3.6611	21.01	-24.99	46.00	11.29	9.64	0.08	Average
10		3.6611	27.00	-29.00	56.00	17.28	9.64	0.08	QP
11		6.1534	17.12	-32.88	50.00	7.32	9.66	0.14	Average
12		6.1534	24.06	-35.94	60.00	14.26	9.66	0.14	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)_2TX	9.025M	14.018M	14M0G1D	7.075M	13.268M
802.11g_Nss1,(6Mbps)_2TX	16.3M	21.014M	21M0D1D	15.2M	16.392M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.5M	25.687M	25M7D1D	16.1M	17.566M
802.11ac VHT40_Nss1,(MCS0)_2TX	35.7M	36.132M	36M1D1D	35.15M	36.082M

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

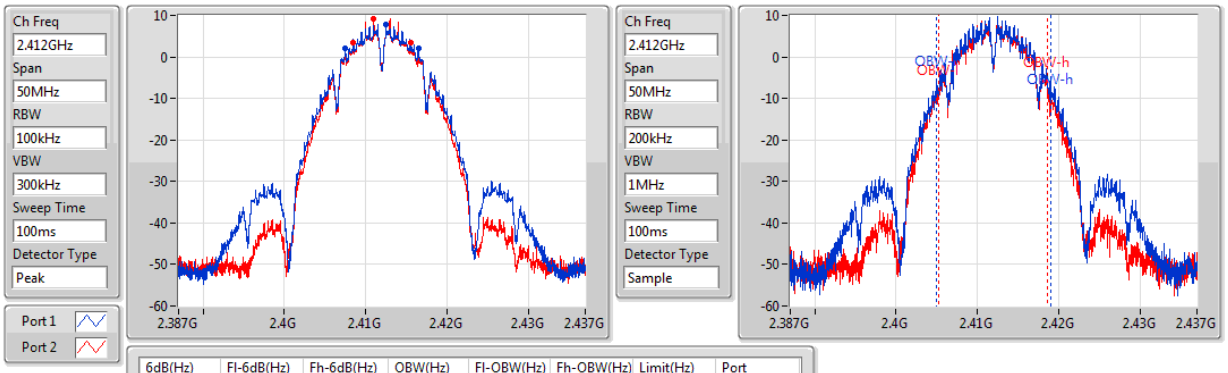
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.025M	14.018M	7.075M	13.268M
2437MHz	Pass	500k	9M	13.918M	8.575M	13.318M
2462MHz	Pass	500k	7.075M	13.918M	7.55M	13.393M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.05M	16.392M	16.3M	16.392M
2437MHz	Pass	500k	16.025M	19.79M	15.2M	21.014M
2462MHz	Pass	500k	16.025M	16.442M	16M	16.392M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.525M	17.566M	16.525M	17.566M
2437MHz	Pass	500k	16.1M	24.363M	17.5M	25.687M
2462MHz	Pass	500k	17.15M	17.591M	16.9M	17.591M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.35M	36.132M	35.4M	36.132M
2437MHz	Pass	500k	35.15M	36.082M	35.4M	36.082M
2452MHz	Pass	500k	35.15M	36.082M	35.7M	36.082M

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

802.11b_Nss1,(1Mbps)_2TX **EBW**

2412MHz

01/12/2017

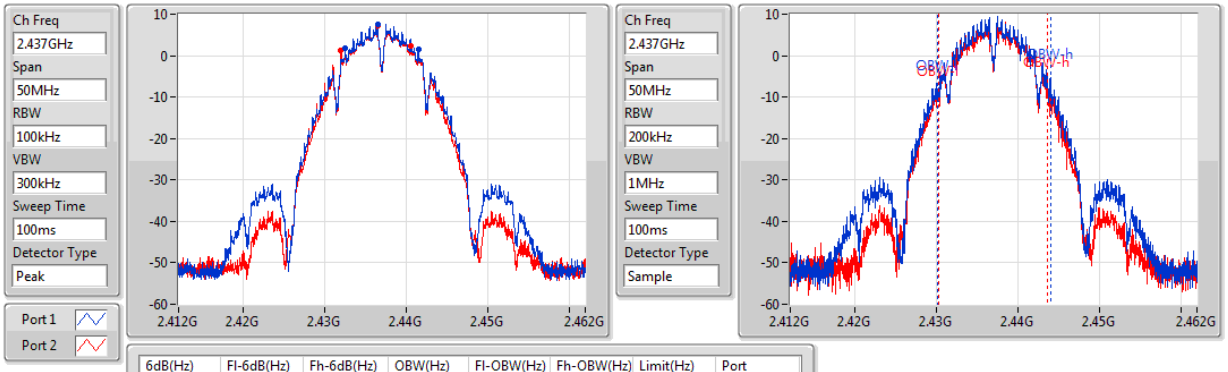


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.407475G	2.4165G	14.018M	2.405003G	2.419021G	500k	1
7.075M	2.40845G	2.415525G	13.268M	2.405303G	2.418572G	500k	2

802.11b_Nss1,(1Mbps)_2TX **EBW**

2437MHz

01/12/2017

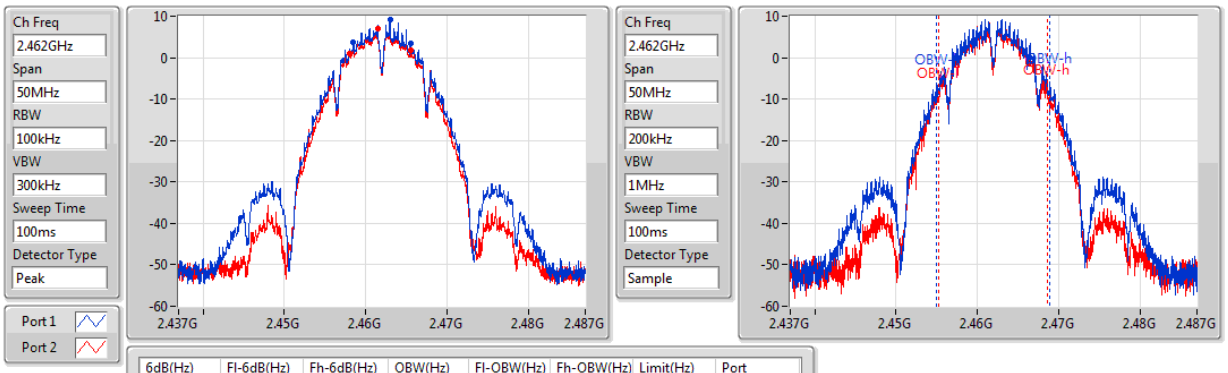


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9M	2.4325G	2.4415G	13.918M	2.430053G	2.443972G	500k	1
8.575M	2.431975G	2.44055G	13.318M	2.430253G	2.443572G	500k	2

802.11b_Nss1,(1Mbps)_2TX **EBW**

2462MHz

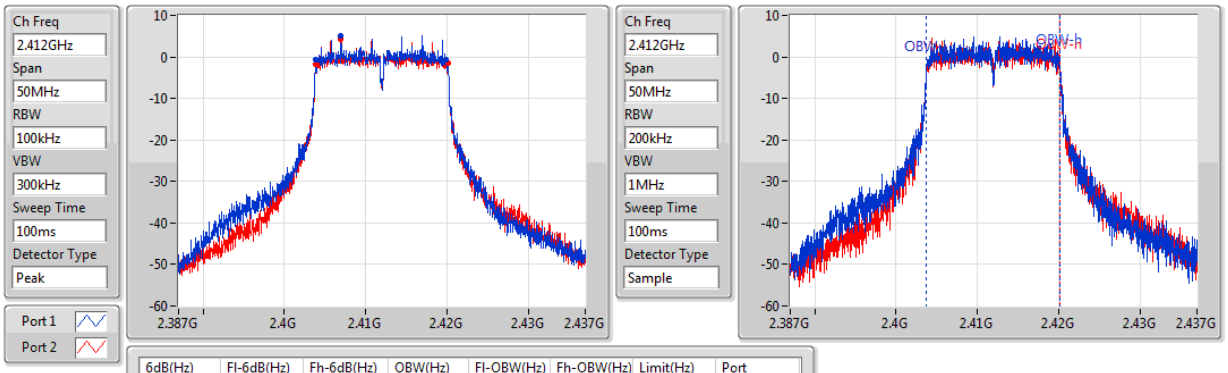
01/12/2017



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.45845G	2.465525G	13.918M	2.455028G	2.468947G	500k	1
7.55M	2.458G	2.46555G	13.393M	2.455203G	2.468597G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

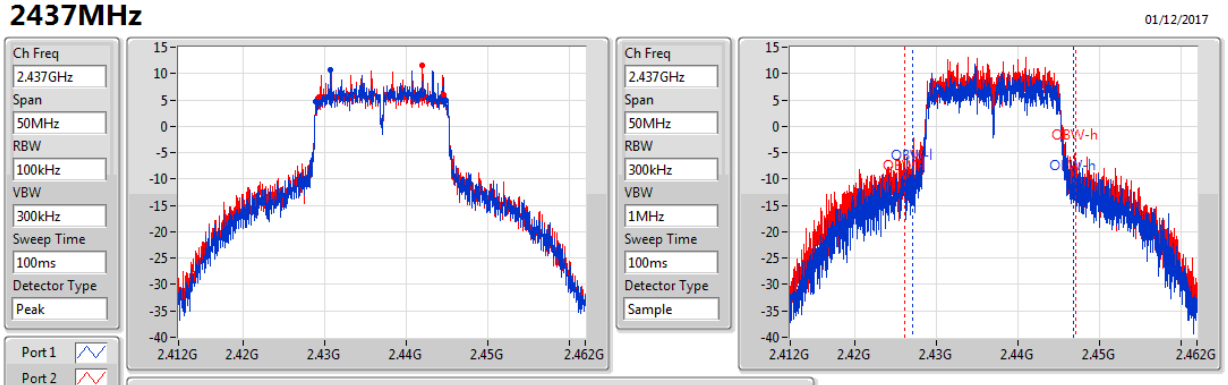
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	2.40385G	2.4199G	16.392M	2.403779G	2.420171G	500k	1
16.3M	2.403825G	2.420125G	16.392M	2.403779G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

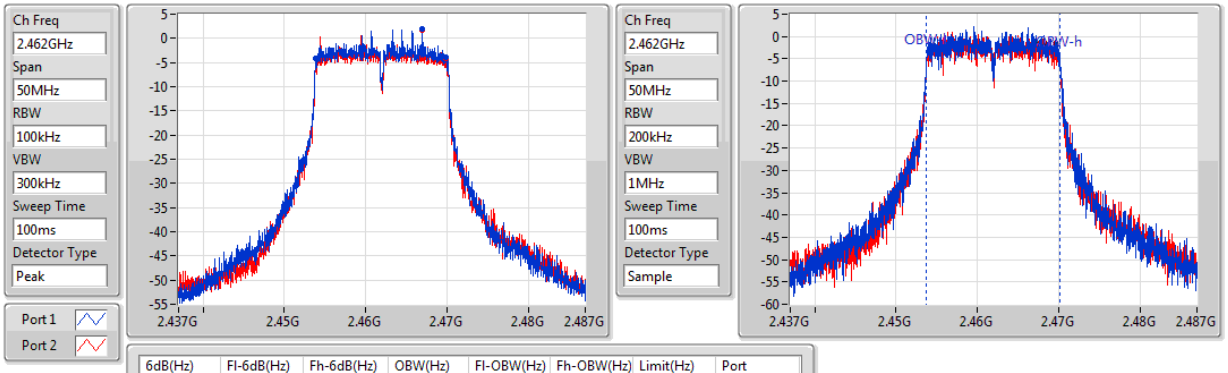
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.42885G	2.444875G	19.79M	2.42703G	2.44682G	500k	1
15.2M	2.429325G	2.444525G	21.014M	2.426055G	2.44707G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

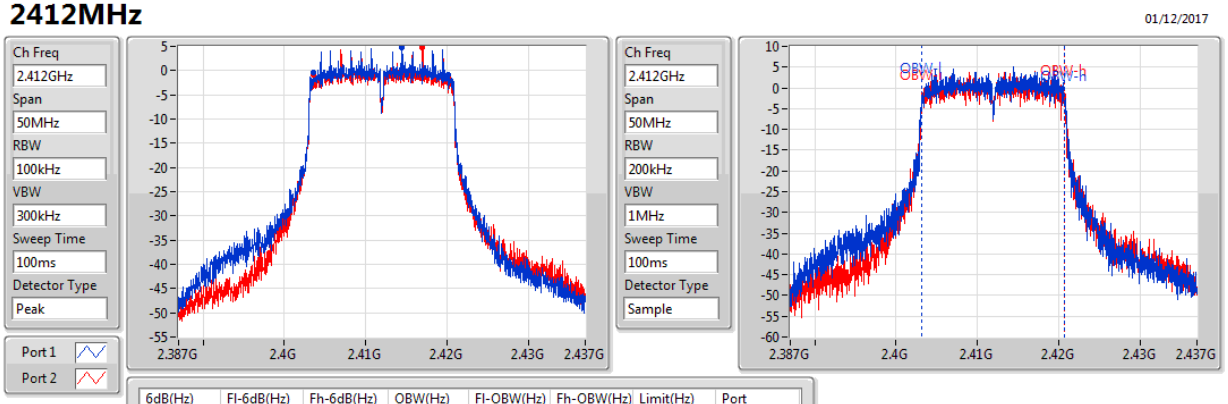
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.45385G	2.469875G	16.442M	2.453754G	2.470196G	500k	1
16M	2.45385G	2.46985G	16.392M	2.453779G	2.470171G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

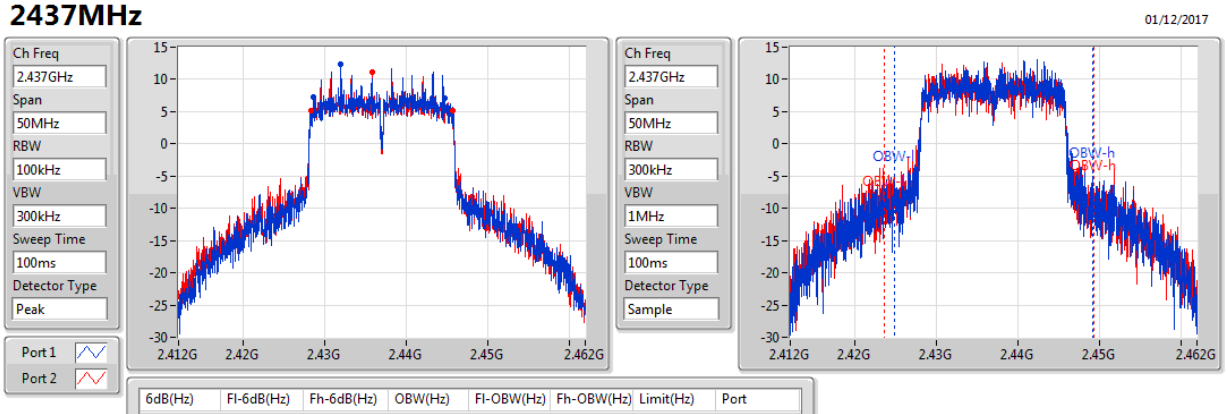
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.525M	2.4036G	2.420125G	17.566M	2.403204G	2.420771G	500k	1
16.525M	2.403625G	2.42015G	17.566M	2.403204G	2.420771G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

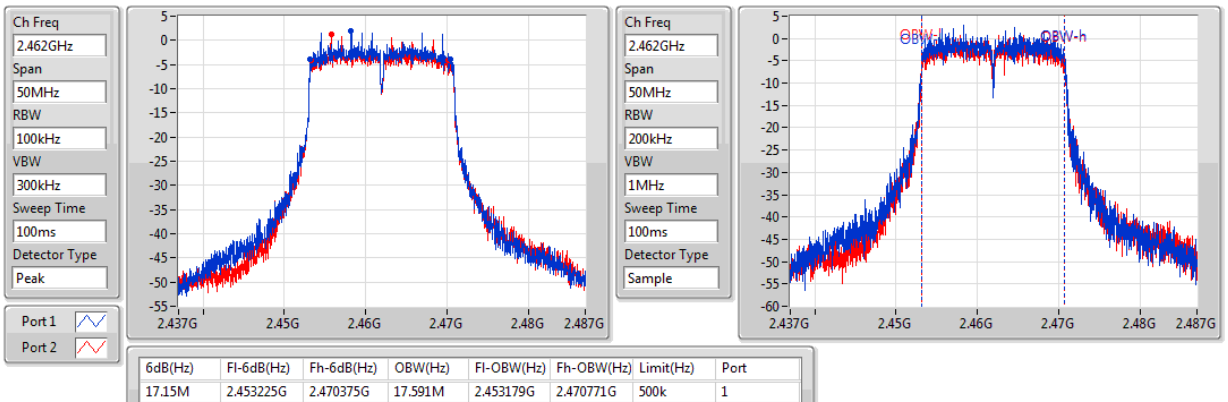
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.1M	2.428625G	2.444725G	24.363M	2.424781G	2.449144G	500k	1
17.5M	2.42825G	2.44575G	25.687M	2.423582G	2.449269G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

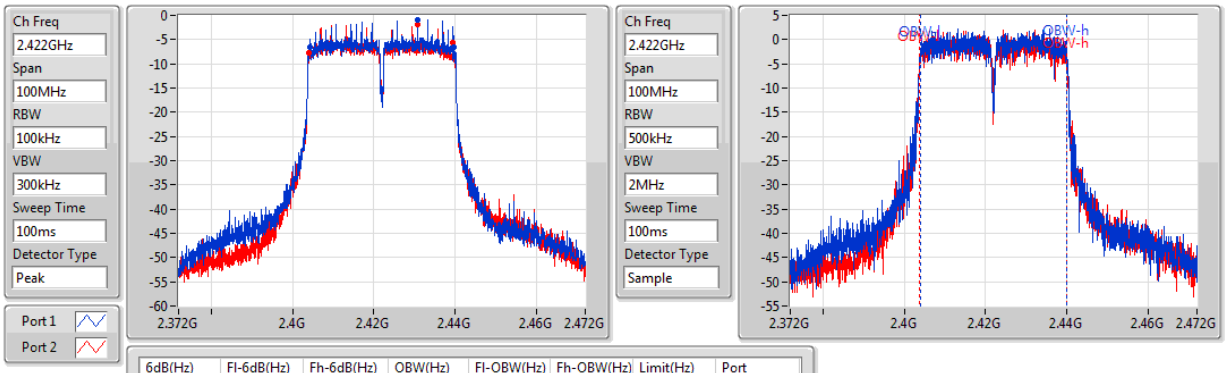


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.453225G	2.470375G	17.591M	2.453179G	2.470771G	500k	1
16.9M	2.45325G	2.47015G	17.591M	2.453179G	2.470771G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX **EBW**

2422MHz

01/12/2017

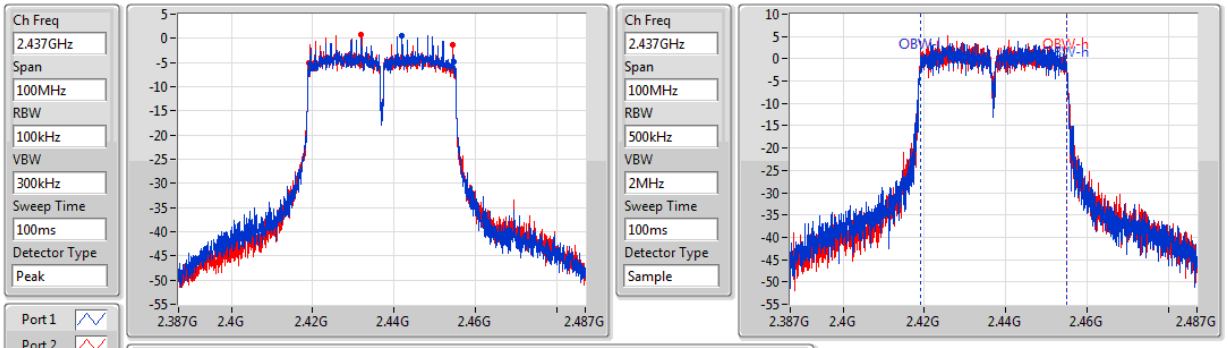


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	2.40425G	2.4396G	36.132M	2.403909G	2.440041G	500k	1
35.4M	2.4041G	2.4395G	36.132M	2.403859G	2.439991G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX **EBW**

2437MHz

01/12/2017

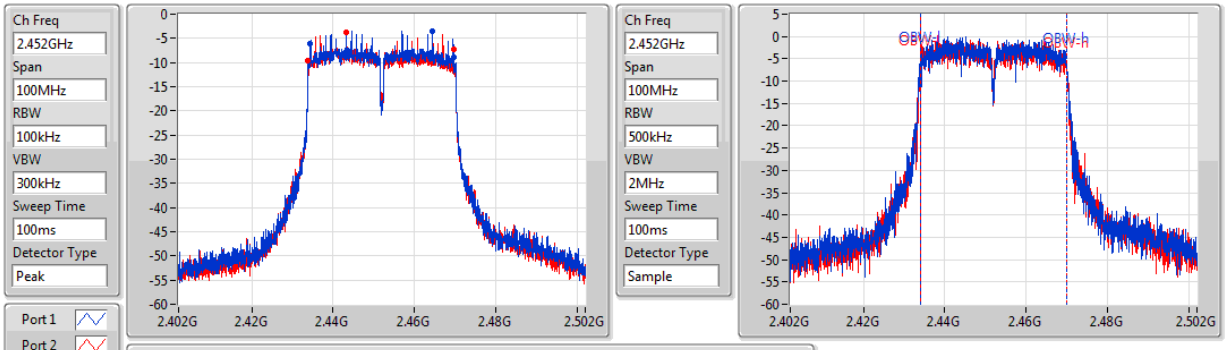


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.15M	2.41945G	2.4546G	36.082M	2.418909G	2.454991G	500k	1
35.4M	2.4191G	2.4545G	36.082M	2.418909G	2.454991G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX **EBW**

2452MHz

01/12/2017



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.15M	2.43445G	2.4696G	36.082M	2.433909G	2.469991G	500k	1
35.7M	2.43385G	2.46955G	36.082M	2.433909G	2.469991G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	20.76	0.11912
802.11g_Nss1,(6Mbps)_2TX	24.94	0.31189
802.11ac VHT20_Nss1,(MCS0)_2TX	25.74	0.37497
802.11ac VHT40_Nss1,(MCS0)_2TX	17.94	0.06223

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.52	17.88	17.62	20.76	30.00
2437MHz	Pass	3.52	17.61	17.25	20.44	30.00
2462MHz	Pass	3.52	17.91	17.26	20.61	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.52	16.31	15.76	19.05	30.00
2417MHz	Pass	3.52	19.98	19.47	22.74	30.00
2422MHz	Pass	3.52	20.79	20.26	23.54	30.00
2427MHz	Pass	3.52	22.07	21.71	24.90	30.00
2437MHz	Pass	3.52	22.00	21.86	24.94	30.00
2442MHz	Pass	3.52	22.04	21.80	24.93	30.00
2447MHz	Pass	3.52	21.31	21.03	24.18	30.00
2452MHz	Pass	3.52	20.18	19.82	23.01	30.00
2457MHz	Pass	3.52	18.02	17.49	20.77	30.00
2462MHz	Pass	3.52	13.52	12.87	16.22	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.52	16.13	15.57	18.87	30.00
2417MHz	Pass	3.52	18.94	18.39	21.68	30.00
2422MHz	Pass	3.52	20.07	19.80	22.95	30.00
2427MHz	Pass	3.52	21.17	20.87	24.03	30.00
2432MHz	Pass	3.52	22.40	22.06	25.24	30.00
2437MHz	Pass	3.52	22.83	22.63	25.74	30.00
2442MHz	Pass	3.52	21.82	21.65	24.75	30.00
2447MHz	Pass	3.52	20.36	20.24	23.31	30.00
2452MHz	Pass	3.52	17.53	17.56	20.56	30.00
2457MHz	Pass	3.52	16.80	16.47	19.65	30.00
2462MHz	Pass	3.52	13.89	13.19	16.56	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.52	13.39	12.97	16.20	30.00
2427MHz	Pass	3.52	13.40	13.05	16.24	30.00
2432MHz	Pass	3.52	14.40	13.95	17.19	30.00
2437MHz	Pass	3.52	14.88	14.97	17.94	30.00
2442MHz	Pass	3.52	11.77	11.37	14.58	30.00
2447MHz	Pass	3.52	11.26	10.88	14.08	30.00
2452MHz	Pass	3.52	11.26	10.72	14.01	30.00

DG = Directional Gain; **Port X** = Port X output power

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-5.84
802.11g_Nss1,(6Mbps)_2TX	-4.48
802.11ac VHT20_Nss1,(MCS0)_2TX	-4.05
802.11ac VHT40_Nss1,(MCS0)_2TX	-13.12

RBW=3kHz.

Result

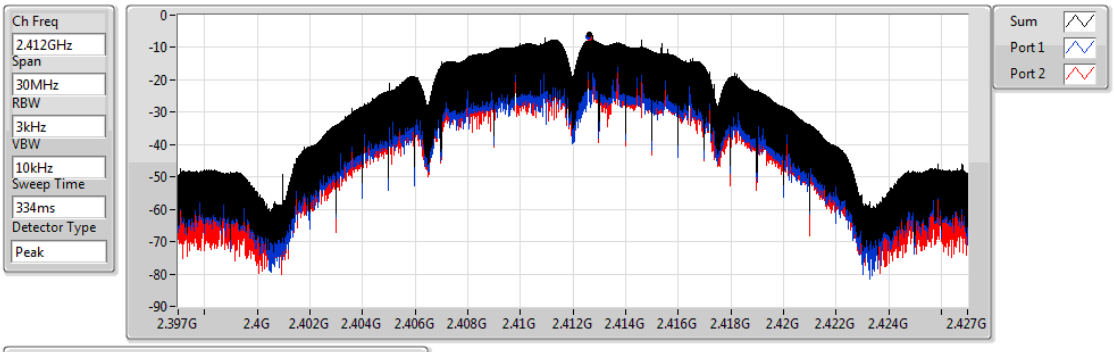
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.53	-6.83	-7.06	-5.84	7.47
2437MHz	Pass	6.53	-8.08	-8.92	-7.18	7.47
2462MHz	Pass	6.53	-10.09	-10.40	-7.78	7.47
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.53	-11.91	-13.09	-10.43	7.47
2437MHz	Pass	6.53	-5.11	-7.25	-4.48	7.47
2462MHz	Pass	6.53	-15.89	-15.88	-13.77	7.47
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.53	-11.39	-12.43	-9.86	7.47
2437MHz	Pass	6.53	-6.25	-5.32	-4.05	7.47
2462MHz	Pass	6.53	-14.35	-15.54	-12.95	7.47
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.53	-17.55	-16.29	-15.29	7.47
2437MHz	Pass	6.53	-16.16	-15.92	-13.12	7.47
2452MHz	Pass	6.53	-19.54	-18.82	-17.39	7.47

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

802.11b_Nss1,(1Mbps)_2TX PSD

2412MHz

01/12/2017

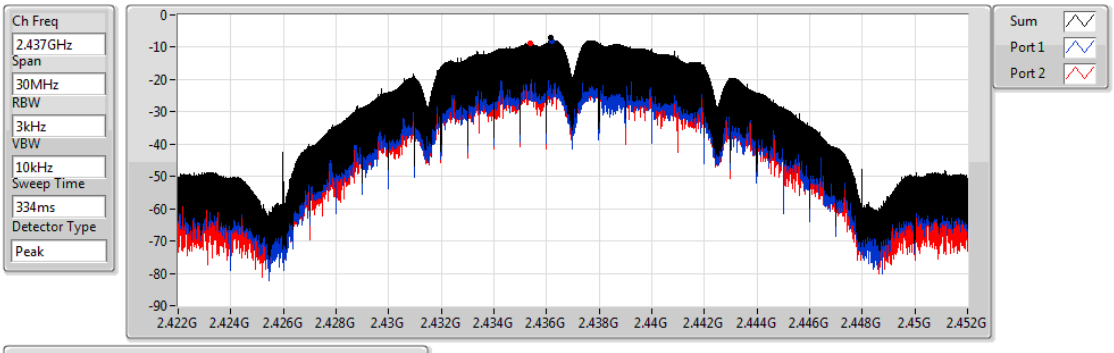


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.84	-5.84	-6.83	-7.06

802.11b_Nss1,(1Mbps)_2TX PSD

2437MHz

01/12/2017

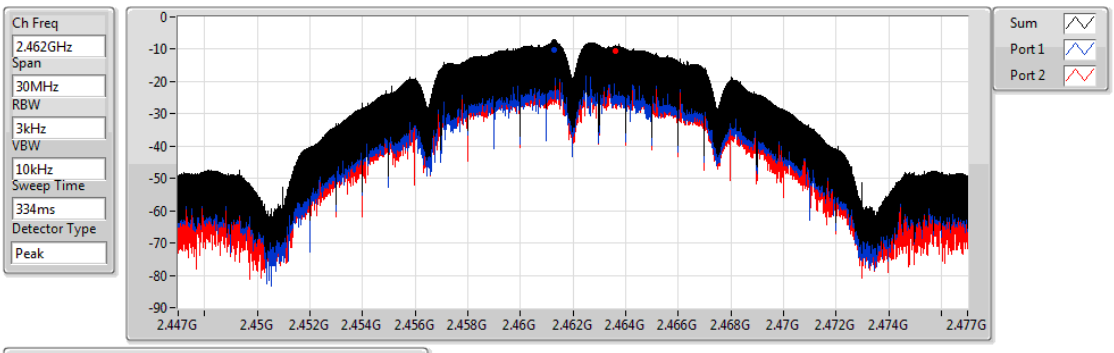


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.18	-7.18	-8.08	-8.92

802.11b_Nss1,(1Mbps)_2TX PSD

2462MHz

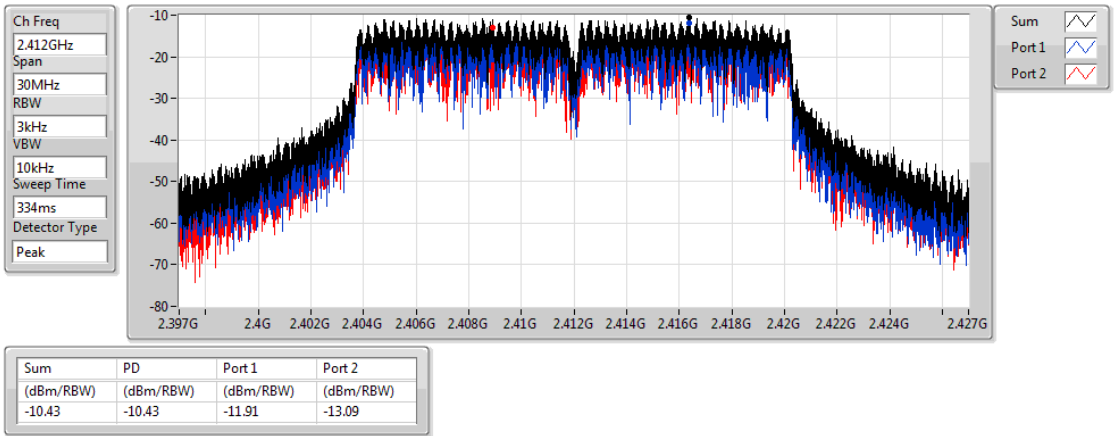
01/12/2017



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.78	-7.78	-10.09	-10.40

802.11g_Nss1,(6Mbps)_2TX **PSD**

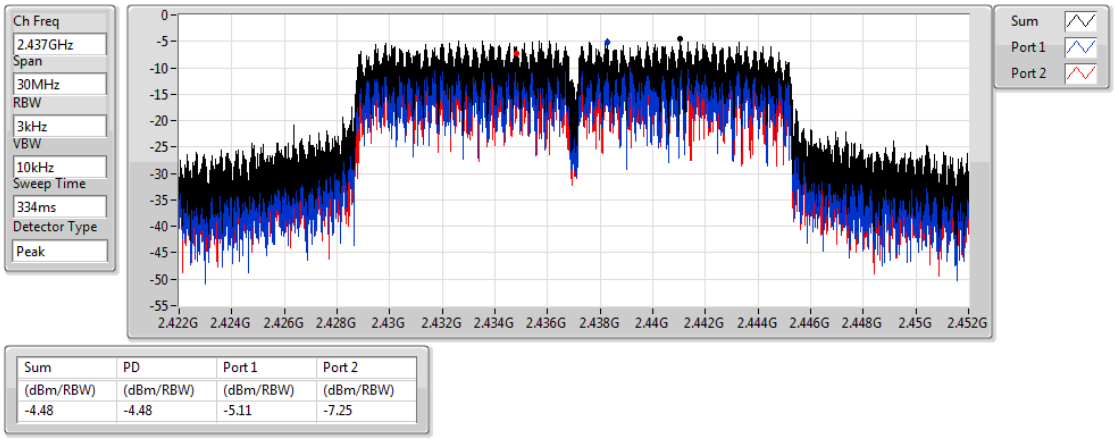
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.43	-10.43	-11.91	-13.09

802.11g_Nss1,(6Mbps)_2TX **PSD**

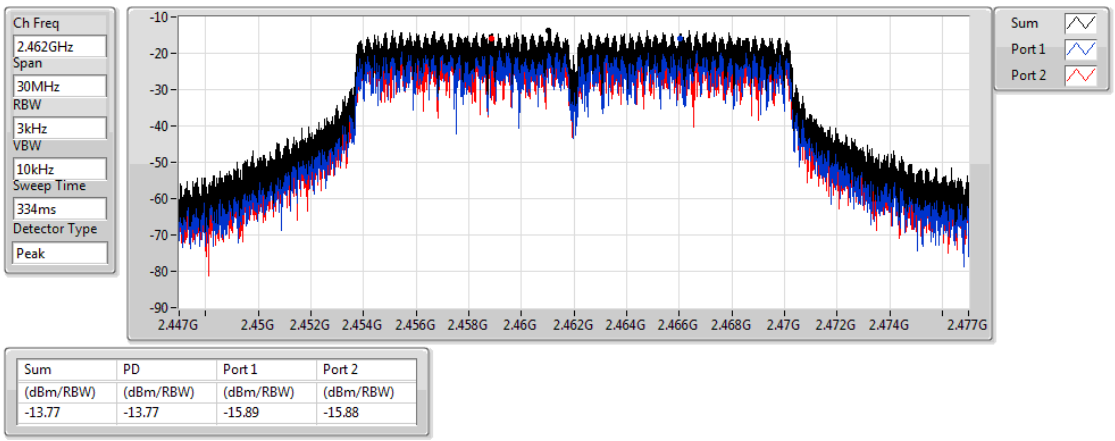
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.48	-4.48	-5.11	-7.25

802.11g_Nss1,(6Mbps)_2TX **PSD**

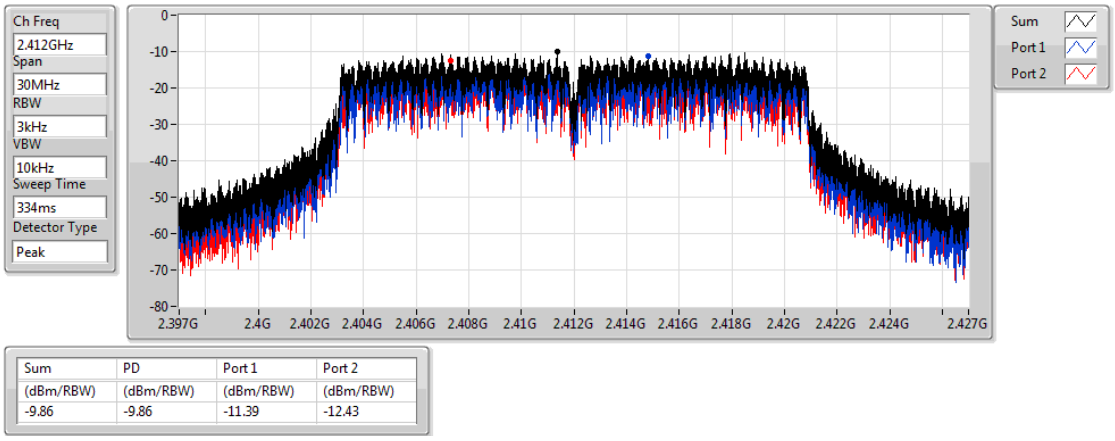
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.77	-13.77	-15.89	-15.88

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

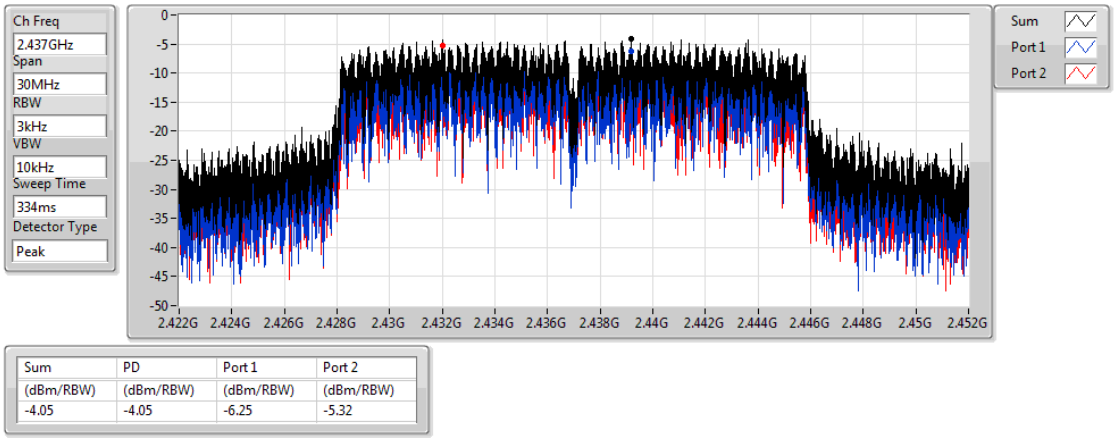
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.86	-9.86	-11.39	-12.43

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

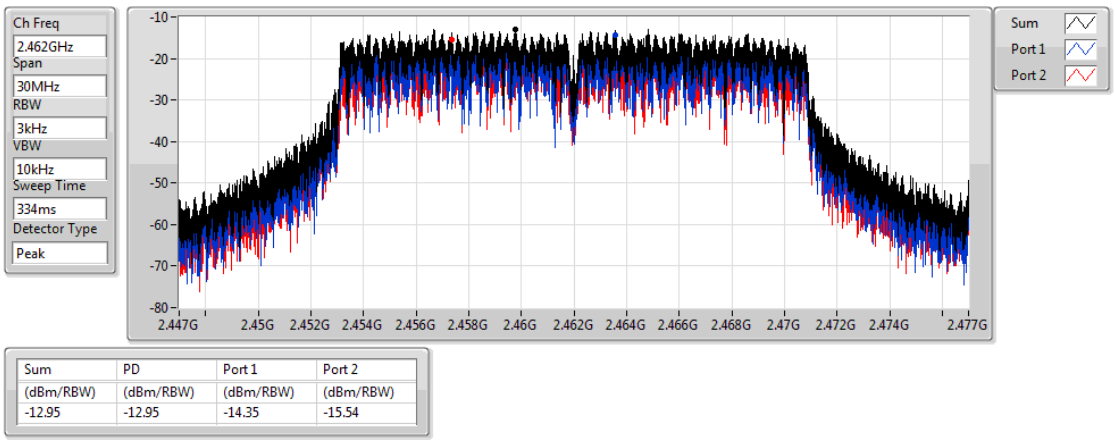
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.05	-4.05	-6.25	-5.32

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

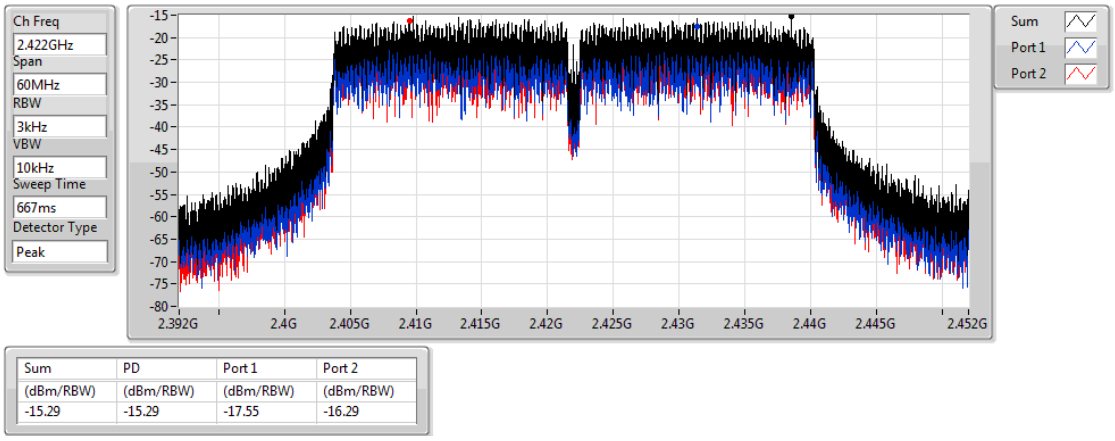
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.95	-12.95	-14.35	-15.54

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

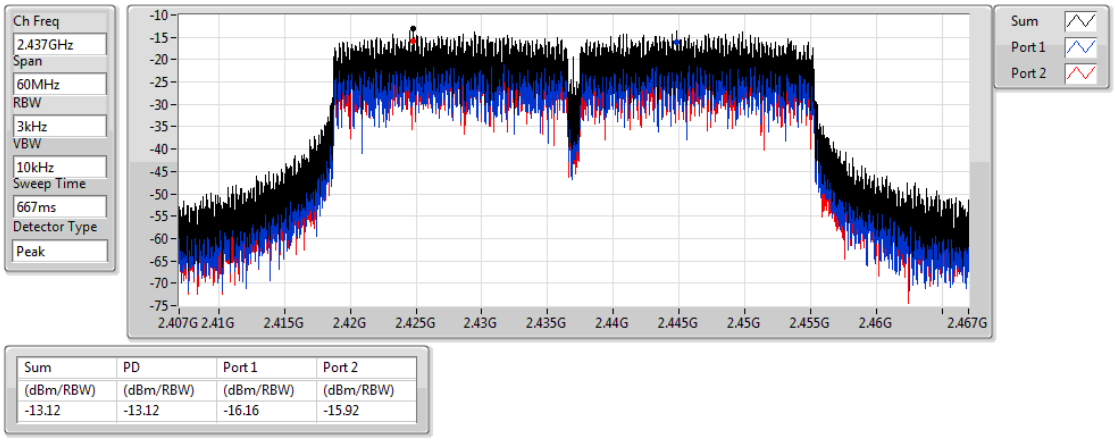
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.29	-15.29	-17.55	-16.29

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

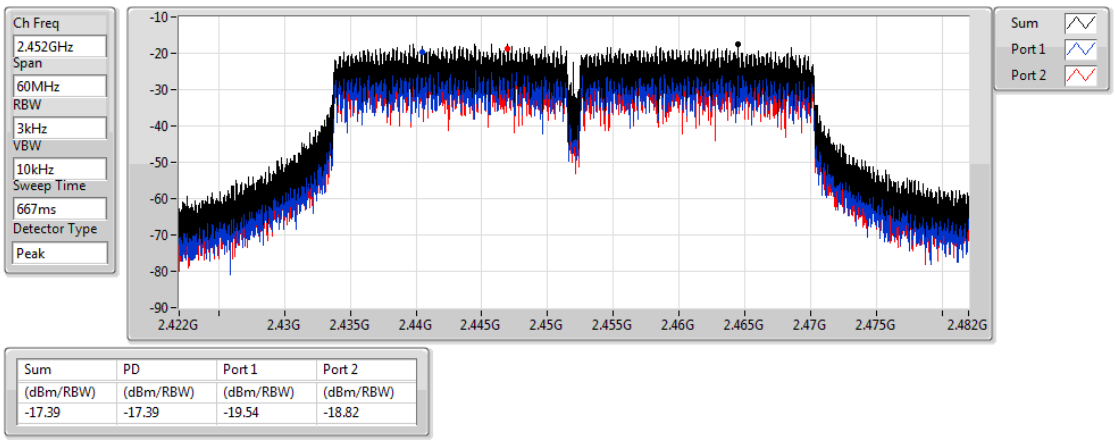
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.12	-13.12	-16.16	-15.92

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.39	-17.39	-19.54	-18.82

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)_2TX	Pass	2.411356G	7.82	-22.18	147.665M	-56.32	2.39856G	-30.64	2.4855G	-58.95	3.214652G	-52.75	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.430728G	10.67	-19.33	49.805M	-55.72	2.39992G	-29.18	2.48582G	-58.08	3.214652G	-52.52	1
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	2.431897G	12.19	-17.81	49.805M	-55.84	2.39888G	-29.51	2.48662G	-58.17	3.214652G	-53.06	1
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	2.429392G	0.40	-29.60	49.465M	-52.08	2.39952G	-33.08	2.49134G	-55.90	15.329869G	-54.56	2

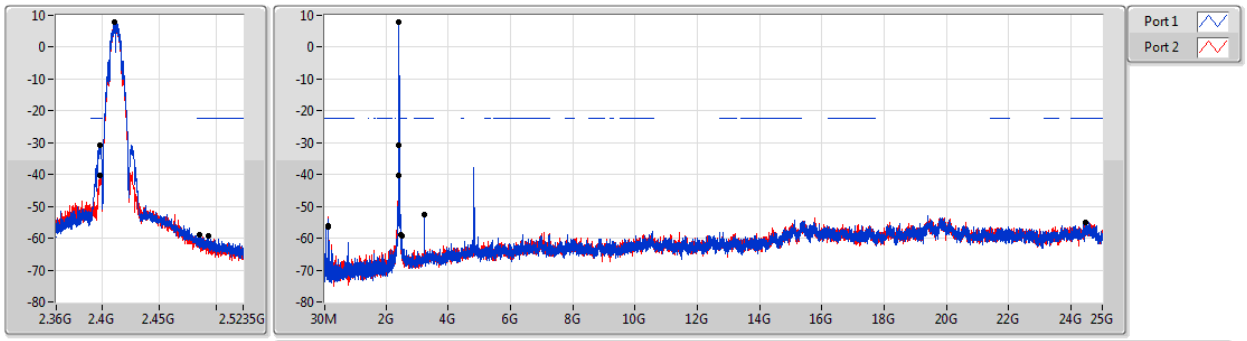
Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.411356G	7.82	-22.18	147.665M	-56.32	2.39856G	-30.64	2.4855G	-58.95	3.214652G	-52.75	1
2412MHz	Pass	2.411356G	7.82	-22.18	147.665M	-56.03	2.39856G	-40.36	2.4927G	-59.27	24.471802G	-54.93	2
2437MHz	Pass	2.411356G	7.82	-22.18	49.805M	-56.99	2.3936G	-51.58	2.49022G	-54.92	3.248367G	-53.10	1
2437MHz	Pass	2.411356G	7.82	-22.18	147.665M	-56.45	2.39992G	-50.81	2.4839G	-53.85	24.081273G	-55.02	2
2462MHz	Pass	2.411356G	7.82	-22.18	147.665M	-55.83	2.39744G	-57.04	2.49046G	-50.09	3.282082G	-53.73	1
2462MHz	Pass	2.411356G	7.82	-22.18	147.665M	-56.28	2.3996G	-56.23	2.48798G	-50.06	24.42123G	-53.66	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.430728G	10.67	-19.33	49.805M	-55.72	2.39992G	-29.18	2.48582G	-58.08	3.214652G	-52.52	1
2412MHz	Pass	2.430728G	10.67	-19.33	49.805M	-55.16	2.39992G	-30.38	2.4991G	-60.15	24.651614G	-54.93	2
2437MHz	Pass	2.430728G	10.67	-19.33	147.665M	-55.98	2.39736G	-42.96	2.48382G	-47.42	3.248367G	-53.84	1
2437MHz	Pass	2.430728G	10.67	-19.33	147.665M	-56.62	2.39984G	-44.24	2.48414G	-45.51	15.115959G	-54.34	2
2462MHz	Pass	2.430728G	10.67	-19.33	147.665M	-56.13	2.39872G	-56.09	2.4847G	-48.90	3.282082G	-53.58	1
2462MHz	Pass	2.430728G	10.67	-19.33	147.665M	-56.18	2.39792G	-55.98	2.48414G	-47.68	15.085054G	-54.35	2
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.431897G	12.19	-17.81	49.805M	-55.84	2.39888G	-29.51	2.48662G	-58.17	3.214652G	-53.06	1
2412MHz	Pass	2.431897G	12.19	-17.81	49.805M	-54.97	2.39984G	-30.24	2.48614G	-59.32	24.480231G	-54.37	2
2437MHz	Pass	2.431897G	12.19	-17.81	49.805M	-56.42	2.39864G	-37.84	2.4851G	-42.51	3.248367G	-54.13	1
2437MHz	Pass	2.431897G	12.19	-17.81	147.665M	-56.23	2.3992G	-36.61	2.48446G	-41.97	15.326676G	-54.24	2
2462MHz	Pass	2.431897G	12.19	-17.81	147.665M	-56.22	2.39696G	-56.39	2.48446G	-45.40	3.282082G	-54.01	1
2462MHz	Pass	2.431897G	12.19	-17.81	147.665M	-56.35	2.39928G	-56.75	2.48382G	-43.23	15.099102G	-54.98	2
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.429392G	0.40	-29.60	49.465M	-52.88	2.39952G	-34.51	2.48686G	-54.08	3.228181G	-53.02	1
2422MHz	Pass	2.429392G	0.40	-29.60	49.465M	-52.08	2.39952G	-33.08	2.49134G	-55.90	15.329869G	-54.56	2
2437MHz	Pass	2.429392G	0.40	-29.60	49.465M	-50.64	2.39936G	-39.42	2.48446G	-45.30	3.247813G	-54.08	1
2437MHz	Pass	2.429392G	0.40	-29.60	49.465M	-47.60	2.39952G	-40.70	2.4843G	-45.19	15.102699G	-54.17	2
2452MHz	Pass	2.429392G	0.40	-29.60	49.465M	-51.48	2.39984G	-53.16	2.48942G	-44.02	3.267445G	-53.62	1
2452MHz	Pass	2.429392G	0.40	-29.60	49.465M	-51.56	2.3952G	-53.46	2.48558G	-44.95	24.478351G	-54.55	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2412MHz

01/12/2017

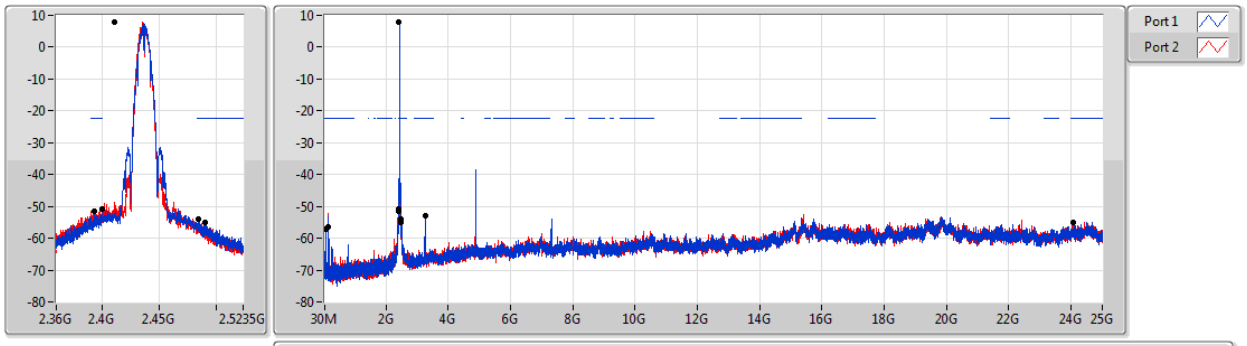


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	7.82	-22.18	147.665M	-56.32	2.39856G	-30.64	2.4855G	-58.95	3.214652G	-52.75	1
2.411356G	7.82	-22.18	147.665M	-56.03	2.39856G	-40.36	2.4927G	-59.27	24.471802G	-54.93	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2437MHz

01/12/2017

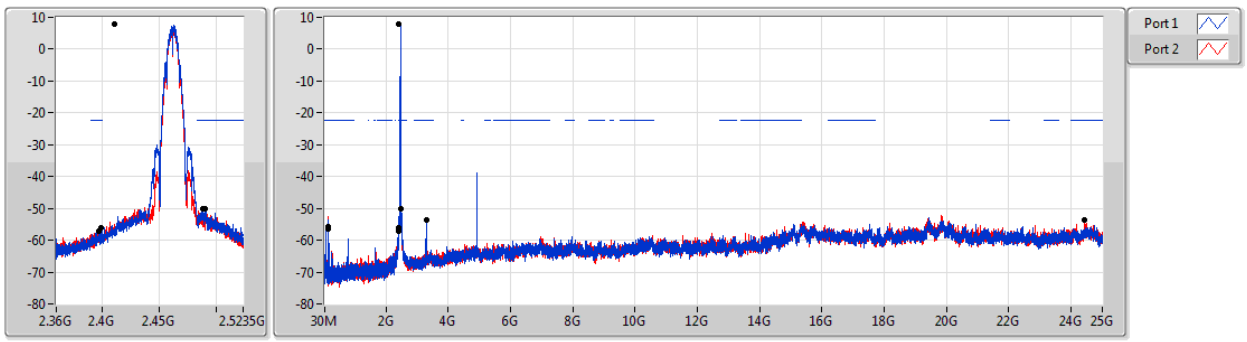


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	7.82	-22.18	49.805M	-56.99	2.3936G	-51.58	2.49022G	-54.92	3.248367G	-53.10	1
2.411356G	7.82	-22.18	147.665M	-56.45	2.39992G	-50.81	2.4839G	-53.85	24.081273G	-55.02	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2462MHz

01/12/2017

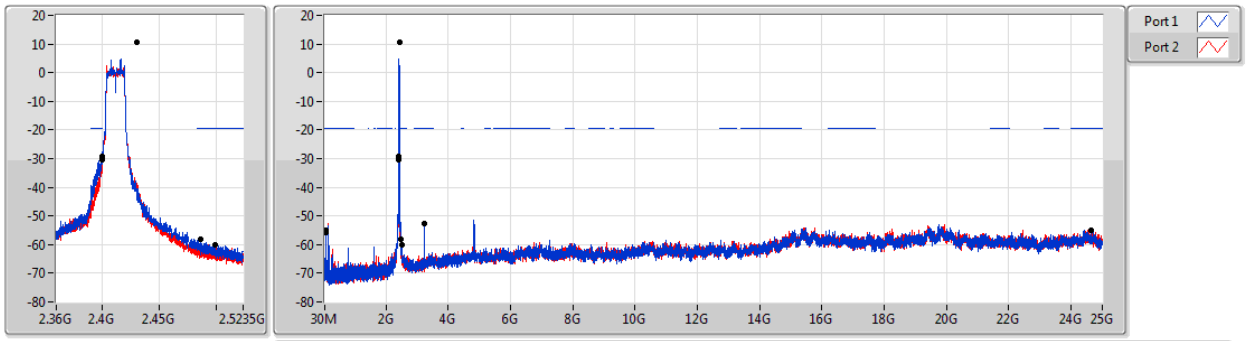


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	7.82	-22.18	147.665M	-55.83	2.39744G	-57.04	2.49046G	-50.09	3.282082G	-53.73	1
2.411356G	7.82	-22.18	147.665M	-56.28	2.3996G	-56.23	2.48798G	-50.06	24.42123G	-53.66	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

2412MHz

01/12/2017

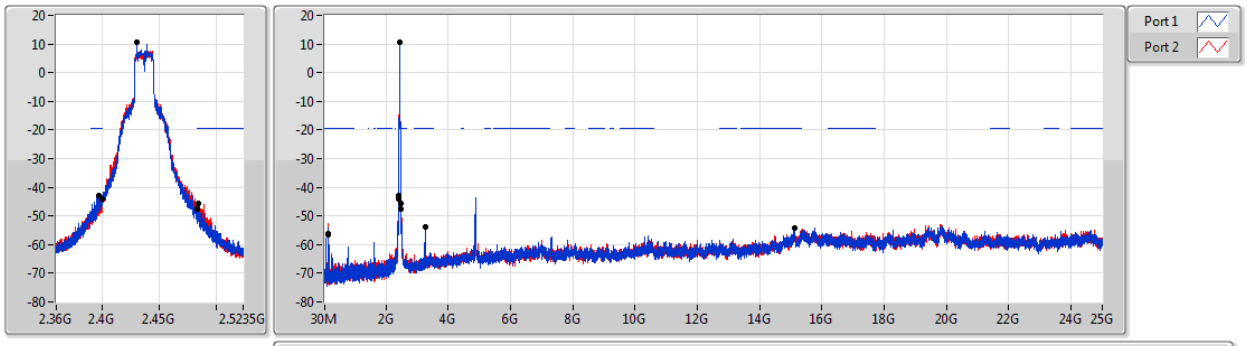


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	10.67	-19.33	49.805M	-55.72	2.39992G	-29.18	2.48582G	-58.08	3.214652G	-52.52	1
2.430728G	10.67	-19.33	49.805M	-55.16	2.39992G	-30.38	2.4991G	-60.15	24.651614G	-54.93	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

2437MHz

01/12/2017

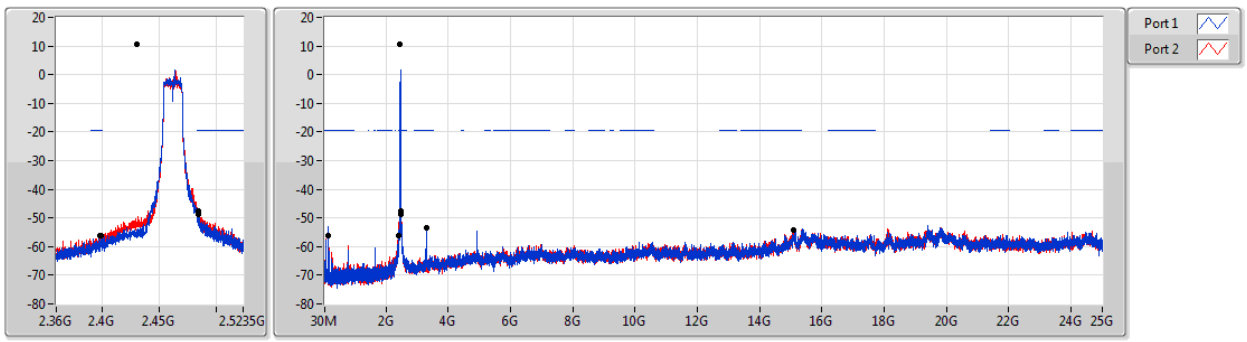


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	10.67	-19.33	147.665M	-55.98	2.39736G	-42.96	2.48382G	-47.42	3.248367G	-53.84	1
2.430728G	10.67	-19.33	147.665M	-56.62	2.39984G	-44.24	2.48414G	-45.51	15.115959G	-54.34	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

2462MHz

01/12/2017

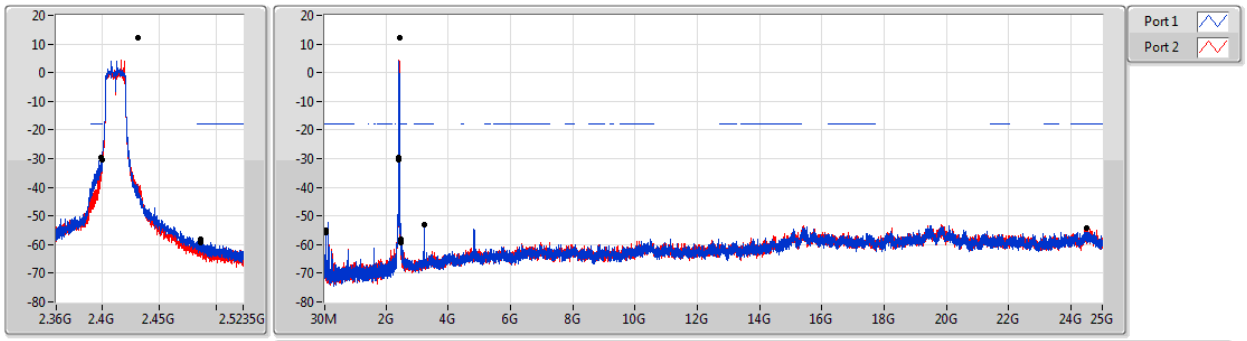


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	10.67	-19.33	147.665M	-56.13	2.39872G	-56.09	2.4847G	-48.90	3.282082G	-53.58	1
2.430728G	10.67	-19.33	147.665M	-56.18	2.39792G	-55.98	2.48414G	-47.68	15.085054G	-54.35	2

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE NdB**

2412MHz

01/12/2017

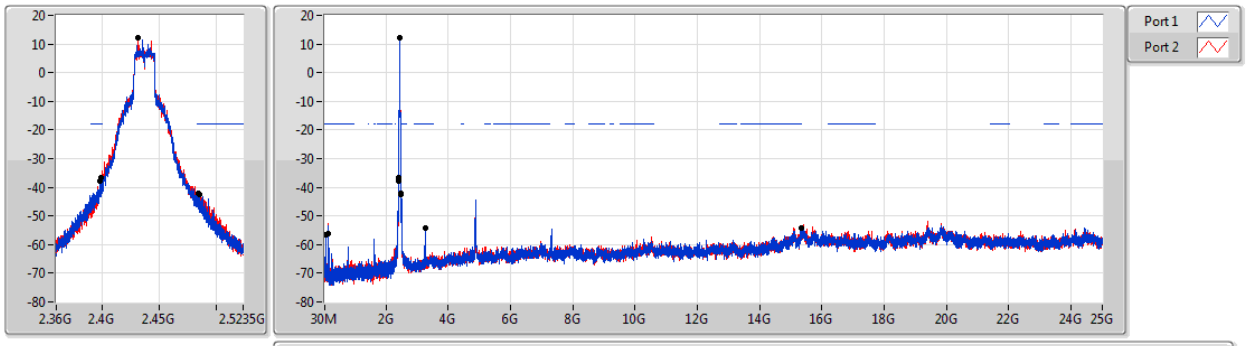


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	12.19	-17.81	49.805M	-55.84	2.39888G	-29.51	2.48662G	-58.17	3.214652G	-53.06	1
2.431897G	12.19	-17.81	49.805M	-54.97	2.39984G	-30.24	2.48614G	-59.32	24.480231G	-54.37	2

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE NdB**

2437MHz

01/12/2017

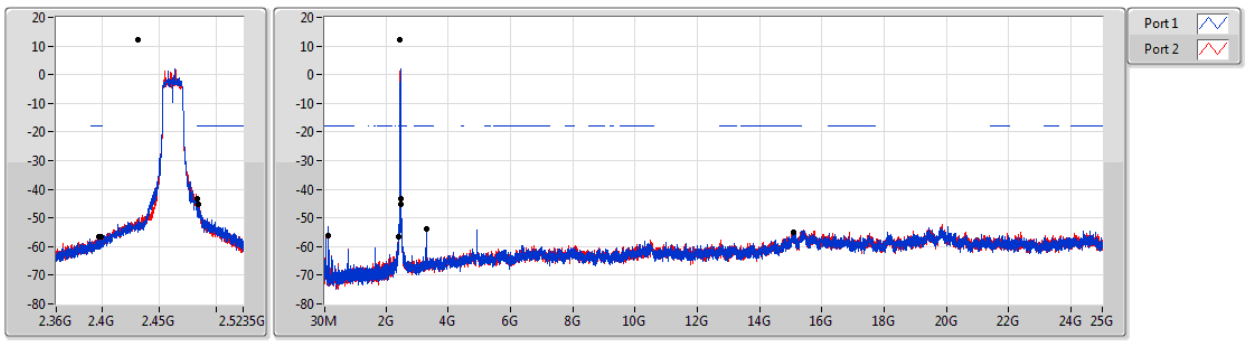


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	12.19	-17.81	49.805M	-56.42	2.39864G	-37.84	2.4851G	-42.51	3.248367G	-54.13	1
2.431897G	12.19	-17.81	147.665M	-56.23	2.3992G	-36.61	2.48446G	-41.97	15.326676G	-54.24	2

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE NdB**

2462MHz

01/12/2017

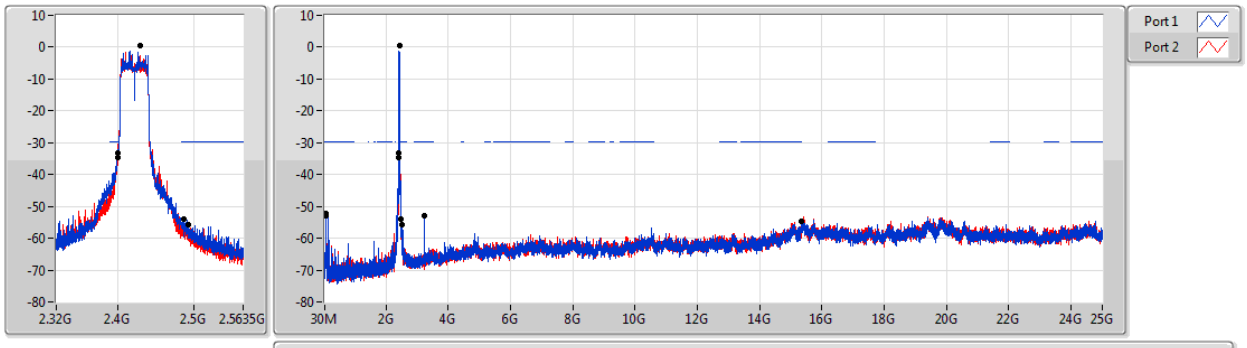


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	12.19	-17.81	147.665M	-56.22	2.39696G	-56.39	2.48446G	-45.40	3.282082G	-54.01	1
2.431897G	12.19	-17.81	147.665M	-56.35	2.39928G	-56.75	2.48382G	-43.23	15.099102G	-54.98	2

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE NdB**

2422MHz

01/12/2017

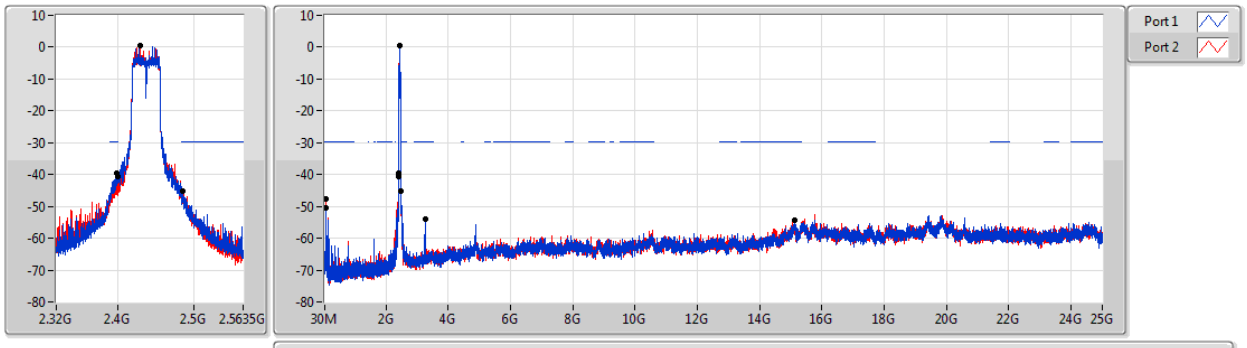


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429392G	0.40	-29.60	49.465M	-52.88	2.39952G	-34.51	2.48686G	-54.08	3.228181G	-53.02	1
2.429392G	0.40	-29.60	49.465M	-52.08	2.39952G	-33.08	2.49134G	-55.90	15.329869G	-54.56	2

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE NdB**

2437MHz

01/12/2017

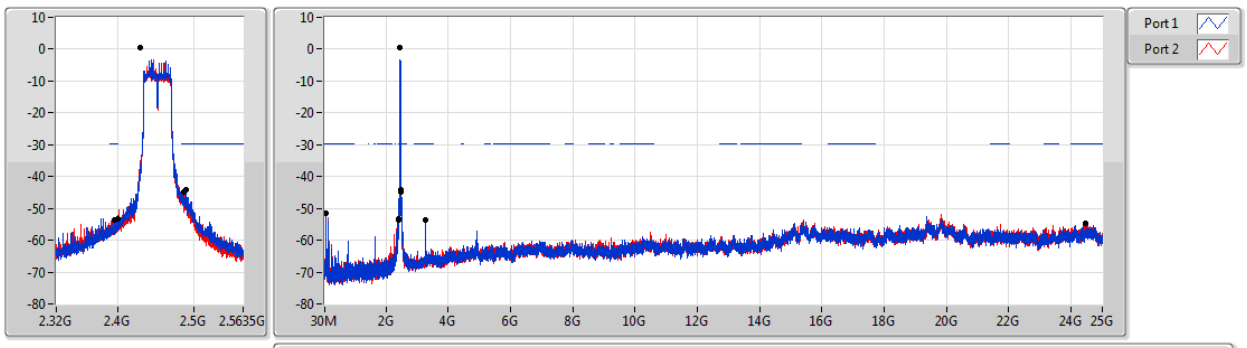


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429392G	0.40	-29.60	49.465M	-50.64	2.39936G	-39.42	2.48446G	-45.30	3.247813G	-54.08	1
2.429392G	0.40	-29.60	49.465M	-47.60	2.39952G	-40.70	2.4843G	-45.19	15.102699G	-54.17	2

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE NdB**

2452MHz

01/12/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429392G	0.40	-29.60	49.465M	-51.48	2.39984G	-53.16	2.48942G	-44.02	3.267445G	-53.62	1
2.429392G	0.40	-29.60	49.465M	-51.56	2.3952G	-53.46	2.48558G	-44.95	24.478351G	-54.55	2

Summary

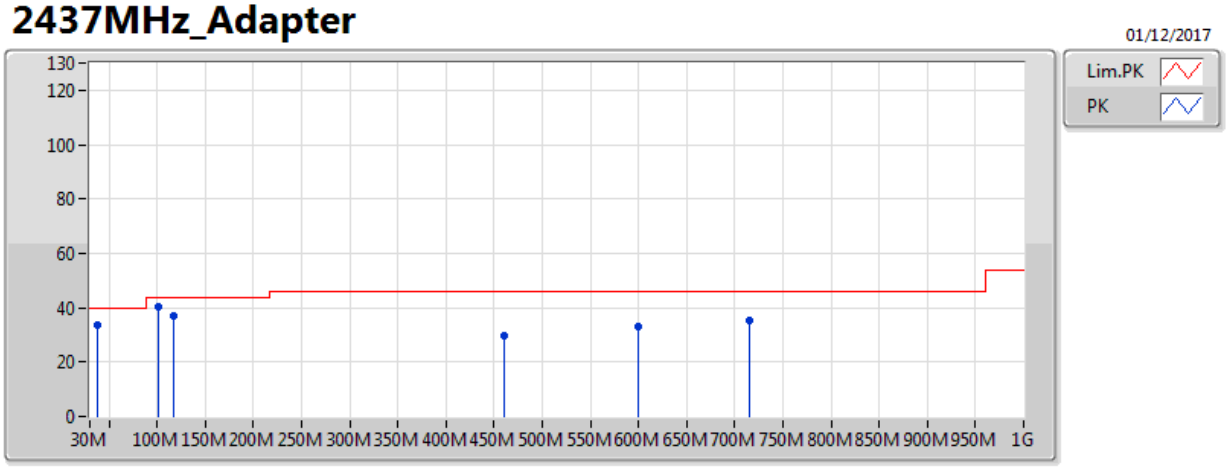
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	101.78M	40.14	43.50	-3.36	-9.13	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	212.36M	33.35	43.50	-10.15	-10.02	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	253.1M	29.66	46.00	-16.34	-6.22	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	443.22M	30.10	46.00	-15.90	-2.56	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	460.68M	30.54	46.00	-15.46	-2.12	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	600.36M	31.87	46.00	-14.13	-0.58	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	107.6M	32.65	43.50	-10.85	-8.53	3	Horizontal	264	2.96	-
2437MHz	Pass	PK	37.76M	33.45	40.00	-6.55	-6.84	3	Vertical	360	1.00	-
2437MHz	Pass	PK	101.78M	40.14	43.50	-3.36	-9.13	3	Vertical	360	1.00	-
2437MHz	Pass	PK	117.3M	36.76	43.50	-6.74	-8.01	3	Vertical	360	1.00	-
2437MHz	Pass	PK	460.68M	29.63	46.00	-16.37	-2.12	3	Vertical	360	1.00	-
2437MHz	Pass	PK	600.36M	33.05	46.00	-12.95	-0.58	3	Vertical	360	1.00	-
2437MHz	Pass	PK	714.82M	35.30	46.00	-10.70	0.57	3	Vertical	360	1.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

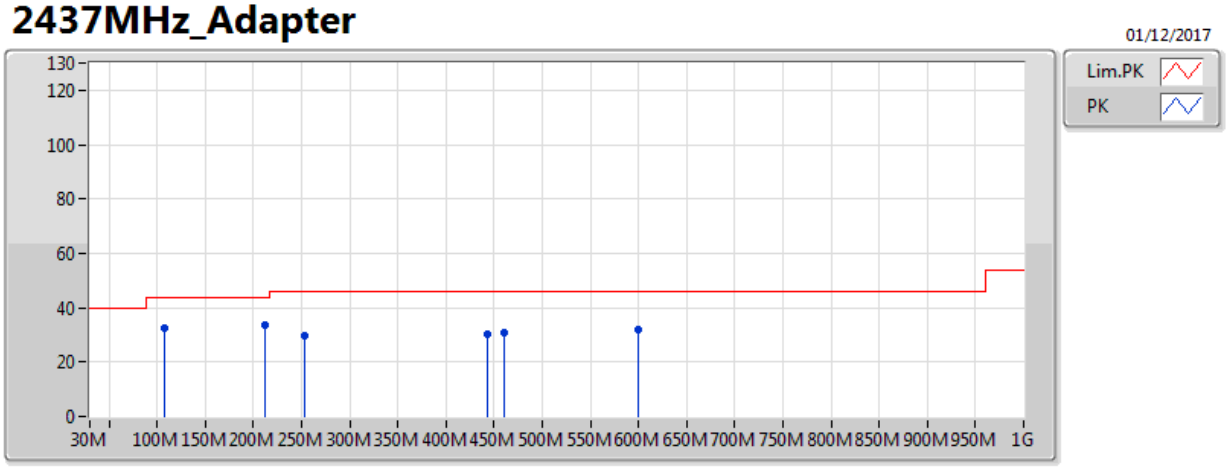
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	37.76M	33.45	40.00	-6.55	-6.84	3	Vertical	360	1.00	-	40.29	18.89	1.84	27.56
PK	101.78M	40.14	43.50	-3.36	-9.13	3	Vertical	360	1.00	-	49.27	16.26	1.98	27.36
PK	117.3M	36.76	43.50	-6.74	-8.01	3	Vertical	360	1.00	-	44.77	17.24	2.04	27.29
PK	460.68M	29.63	46.00	-16.37	-2.12	3	Vertical	360	1.00	-	31.75	22.04	3.45	27.61
PK	600.36M	33.05	46.00	-12.95	-0.58	3	Vertical	360	1.00	-	33.63	23.69	3.72	27.99
PK	714.82M	35.30	46.00	-10.70	0.57	3	Vertical	360	1.00	-	34.73	24.30	4.19	27.92

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	212.36M	33.35	43.50	-10.15	-10.02	3	Horizontal	0	1.00	-	43.37	14.28	2.59	26.88
PK	253.1M	29.66	46.00	-16.34	-6.22	3	Horizontal	0	1.00	-	35.88	18.10	2.47	26.79
PK	443.22M	30.10	46.00	-15.90	-2.56	3	Horizontal	0	1.00	-	32.66	21.59	3.38	27.53
PK	460.68M	30.54	46.00	-15.46	-2.12	3	Horizontal	0	1.00	-	32.66	22.04	3.45	27.61
PK	600.36M	31.87	46.00	-14.13	-0.58	3	Horizontal	0	1.00	-	32.45	23.69	3.72	27.99
QP	107.6M	32.65	43.50	-10.85	-8.53	3	Horizontal	264	2.96	-	41.18	16.83	1.97	27.33

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)_2TX	Pass	AV	4.92398G	53.48	54.00	-0.52	6.13	3	Vertical	21	2.23	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.483502G	53.88	54.00	-0.12	30.79	3	Vertical	0	1.03	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.83	54.00	-0.17	30.45	3	Vertical	0	1.45	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4836G	53.81	54.00	-0.19	30.79	3	Vertical	356	1.32	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3866G	48.81	54.00	-5.19	30.44	3	Horizontal	301	1.17	-
2412MHz	Pass	AV	2.4112G	106.16	Inf	-Inf	30.53	3	Horizontal	301	1.17	-
2412MHz	Pass	PK	2.382G	60.24	74.00	-13.76	30.43	3	Horizontal	301	1.17	-
2412MHz	Pass	PK	2.411G	108.22	Inf	-Inf	30.53	3	Horizontal	301	1.17	-
2412MHz	Pass	AV	2.3872G	50.01	54.00	-3.99	30.45	3	Vertical	356	1.52	-
2412MHz	Pass	AV	2.4112G	109.05	Inf	-Inf	30.53	3	Vertical	356	1.52	-
2412MHz	Pass	PK	2.383G	60.82	74.00	-13.18	30.43	3	Vertical	356	1.52	-
2412MHz	Pass	PK	2.4112G	111.08	Inf	-Inf	30.53	3	Vertical	356	1.52	-
2412MHz	Pass	AV	4.82397G	49.78	54.00	-4.22	5.90	3	Horizontal	92	1.20	-
2412MHz	Pass	PK	4.82393G	52.82	74.00	-21.18	5.90	3	Horizontal	92	1.20	-
2412MHz	Pass	AV	4.82399G	53.21	54.00	-0.79	5.90	3	Vertical	38	1.02	-
2412MHz	Pass	PK	4.82405G	55.96	74.00	-18.04	5.90	3	Vertical	38	1.02	-
2437MHz	Pass	AV	2.389998G	46.97	54.00	-7.03	30.45	3	Horizontal	299	1.39	-
2437MHz	Pass	AV	2.4362G	105.34	Inf	-Inf	30.62	3	Horizontal	299	1.39	-
2437MHz	Pass	AV	2.4914G	47.72	54.00	-6.28	30.82	3	Horizontal	299	1.39	-
2437MHz	Pass	PK	2.3886G	59.45	74.00	-14.55	30.45	3	Horizontal	299	1.39	-
2437MHz	Pass	PK	2.4362G	107.06	Inf	-Inf	30.62	3	Horizontal	299	1.39	-
2437MHz	Pass	PK	2.4922G	59.80	74.00	-14.20	30.82	3	Horizontal	299	1.39	-
2437MHz	Pass	AV	2.3894G	47.48	54.00	-6.52	30.45	3	Vertical	0	1.11	-
2437MHz	Pass	AV	2.4358G	108.79	Inf	-Inf	30.62	3	Vertical	0	1.11	-
2437MHz	Pass	AV	2.4858G	48.24	54.00	-5.76	30.80	3	Vertical	0	1.11	-
2437MHz	Pass	PK	2.3758G	59.02	74.00	-14.98	30.41	3	Vertical	0	1.11	-
2437MHz	Pass	PK	2.4362G	111.15	Inf	-Inf	30.62	3	Vertical	0	1.11	-
2437MHz	Pass	PK	2.4842G	59.78	74.00	-14.22	30.79	3	Vertical	0	1.11	-
2437MHz	Pass	AV	4.87398G	50.43	54.00	-3.57	6.01	3	Horizontal	92	1.34	-
2437MHz	Pass	PK	4.8739G	53.31	74.00	-20.69	6.01	3	Horizontal	92	1.34	-
2437MHz	Pass	AV	4.87396G	53.40	54.00	-0.60	6.01	3	Vertical	24	1.03	-
2437MHz	Pass	PK	4.874G	55.44	74.00	-18.56	6.01	3	Vertical	24	1.03	-
2462MHz	Pass	AV	2.4612G	106.82	Inf	-Inf	30.71	3	Horizontal	53	1.12	-
2462MHz	Pass	AV	2.4874G	48.98	54.00	-5.02	30.80	3	Horizontal	53	1.12	-
2462MHz	Pass	PK	2.461G	108.89	Inf	-Inf	30.71	3	Horizontal	53	1.12	-
2462MHz	Pass	PK	2.4842G	59.78	74.00	-14.22	30.79	3	Horizontal	53	1.12	-
2462MHz	Pass	AV	2.4612G	109.65	Inf	-Inf	30.71	3	Vertical	357	1.01	-
2462MHz	Pass	AV	2.487G	50.08	54.00	-3.92	30.80	3	Vertical	357	1.01	-
2462MHz	Pass	PK	2.4612G	111.70	Inf	-Inf	30.71	3	Vertical	357	1.01	-
2462MHz	Pass	PK	2.4862G	61.21	74.00	-12.79	30.80	3	Vertical	357	1.01	-
2462MHz	Pass	AV	4.92402G	52.30	54.00	-1.70	6.13	3	Horizontal	93	1.28	-
2462MHz	Pass	PK	4.92392G	54.87	74.00	-19.13	6.13	3	Horizontal	93	1.28	-
2462MHz	Pass	AV	4.92398G	53.48	54.00	-0.52	6.13	3	Vertical	21	2.23	-
2462MHz	Pass	PK	4.92394G	55.04	74.00	-18.96	6.13	3	Vertical	21	2.23	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.59	54.00	-3.41	30.45	3	Horizontal	289	1.50	-
2412MHz	Pass	AV	2.4172G	100.27	Inf	-Inf	30.55	3	Horizontal	289	1.50	-
2412MHz	Pass	PK	2.39G	62.42	74.00	-11.58	30.45	3	Horizontal	289	1.50	-
2412MHz	Pass	PK	2.4148G	109.03	Inf	-Inf	30.54	3	Horizontal	289	1.50	-
2412MHz	Pass	AV	2.39G	53.87	54.00	-0.13	30.45	3	Vertical	343	1.21	-
2412MHz	Pass	AV	2.4166G	104.27	Inf	-Inf	30.55	3	Vertical	343	1.21	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.39G	66.45	74.00	-7.55	30.45	3	Vertical	343	1.21	-
2412MHz	Pass	PK	2.4146G	112.62	Inf	-Inf	30.54	3	Vertical	343	1.21	-
2412MHz	Pass	AV	4.82568G	42.17	54.00	-11.83	5.90	3	Horizontal	144	3.08	-
2412MHz	Pass	PK	4.82544G	54.03	74.00	-19.97	5.90	3	Horizontal	144	3.08	-
2412MHz	Pass	AV	4.8258G	43.93	54.00	-10.07	5.90	3	Vertical	119	1.03	-
2412MHz	Pass	PK	4.8258G	55.56	74.00	-18.44	5.90	3	Vertical	119	1.03	-
2417MHz	Pass	AV	2.3898G	49.21	54.00	-4.79	30.45	3	Horizontal	288	1.12	-
2417MHz	Pass	AV	2.4198G	99.14	Inf	-Inf	30.56	3	Horizontal	288	1.12	-
2417MHz	Pass	PK	2.3898G	63.58	74.00	-10.42	30.45	3	Horizontal	288	1.12	-
2417MHz	Pass	PK	2.42G	109.15	Inf	-Inf	30.56	3	Horizontal	288	1.12	-
2417MHz	Pass	AV	2.39G	53.61	54.00	-0.39	30.45	3	Vertical	0	1.20	-
2417MHz	Pass	AV	2.4196G	105.49	Inf	-Inf	30.56	3	Vertical	0	1.20	-
2417MHz	Pass	PK	2.3876G	69.04	74.00	-4.96	30.45	3	Vertical	0	1.20	-
2417MHz	Pass	PK	2.42G	115.47	Inf	-Inf	30.56	3	Vertical	0	1.20	-
2422MHz	Pass	AV	2.389G	47.65	54.00	-6.35	30.45	3	Horizontal	96	1.21	-
2422MHz	Pass	AV	2.4186G	100.69	Inf	-Inf	30.56	3	Horizontal	96	1.21	-
2422MHz	Pass	PK	2.3892G	61.53	74.00	-12.47	30.45	3	Horizontal	96	1.21	-
2422MHz	Pass	PK	2.4186G	111.38	Inf	-Inf	30.56	3	Horizontal	96	1.21	-
2422MHz	Pass	AV	2.39G	52.81	54.00	-1.19	30.45	3	Vertical	0	1.21	-
2422MHz	Pass	AV	2.4174G	106.01	Inf	-Inf	30.55	3	Vertical	0	1.21	-
2422MHz	Pass	PK	2.39G	68.19	74.00	-5.81	30.45	3	Vertical	0	1.21	-
2422MHz	Pass	PK	2.425G	116.07	Inf	-Inf	30.58	3	Vertical	0	1.21	-
2427MHz	Pass	AV	2.3894G	48.29	54.00	-5.71	30.45	3	Horizontal	91	2.78	-
2427MHz	Pass	AV	2.428G	102.56	Inf	-Inf	30.59	3	Horizontal	91	2.78	-
2427MHz	Pass	PK	2.387G	62.73	74.00	-11.27	30.44	3	Horizontal	91	2.78	-
2427MHz	Pass	PK	2.4238G	113.00	Inf	-Inf	30.58	3	Horizontal	91	2.78	-
2427MHz	Pass	AV	2.39G	52.98	54.00	-1.02	30.45	3	Vertical	359	1.17	-
2427MHz	Pass	AV	2.4302G	107.04	Inf	-Inf	30.60	3	Vertical	359	1.17	-
2427MHz	Pass	PK	2.39G	67.34	74.00	-6.66	30.45	3	Vertical	359	1.17	-
2427MHz	Pass	PK	2.43G	117.52	Inf	-Inf	30.60	3	Vertical	359	1.17	-
2437MHz	Pass	AV	2.389998G	48.20	54.00	-5.80	30.45	3	Horizontal	290	1.06	-
2437MHz	Pass	AV	2.4318G	106.16	Inf	-Inf	30.60	3	Horizontal	290	1.06	-
2437MHz	Pass	AV	2.4846G	50.47	54.00	-3.53	30.79	3	Horizontal	290	1.06	-
2437MHz	Pass	PK	2.3858G	59.47	74.00	-14.53	30.44	3	Horizontal	290	1.06	-
2437MHz	Pass	PK	2.4322G	114.42	Inf	-Inf	30.61	3	Horizontal	290	1.06	-
2437MHz	Pass	PK	2.483502G	62.56	74.00	-11.44	30.79	3	Horizontal	290	1.06	-
2437MHz	Pass	AV	2.389998G	50.05	54.00	-3.95	30.45	3	Vertical	344	1.37	-
2437MHz	Pass	AV	2.4398G	109.54	Inf	-Inf	30.63	3	Vertical	344	1.37	-
2437MHz	Pass	AV	2.4842G	51.40	54.00	-2.60	30.79	3	Vertical	344	1.37	-
2437MHz	Pass	PK	2.3894G	61.33	74.00	-12.67	30.45	3	Vertical	344	1.37	-
2437MHz	Pass	PK	2.4418G	117.95	Inf	-Inf	30.64	3	Vertical	344	1.37	-
2437MHz	Pass	PK	2.4846G	63.95	74.00	-10.05	30.79	3	Vertical	344	1.37	-
2437MHz	Pass	AV	4.8752G	50.37	54.00	-3.63	6.01	3	Horizontal	93	1.34	-
2437MHz	Pass	PK	4.8746G	62.08	74.00	-11.92	6.01	3	Horizontal	93	1.34	-
2437MHz	Pass	AV	4.8751G	53.67	54.00	-0.33	6.01	3	Vertical	95	1.33	-
2437MHz	Pass	PK	4.8747G	65.41	74.00	-8.59	6.01	3	Vertical	95	1.33	-
2442MHz	Pass	AV	2.3876G	45.36	54.00	-8.64	30.45	3	Horizontal	94	3.05	-
2442MHz	Pass	AV	2.4388G	102.58	Inf	-Inf	30.63	3	Horizontal	94	3.05	-
2442MHz	Pass	AV	2.4836G	49.78	54.00	-4.22	30.79	3	Horizontal	94	3.05	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2442MHz	Pass	PK	2.3896G	57.40	74.00	-16.60	30.45	3	Horizontal	94	3.05	-
2442MHz	Pass	PK	2.4388G	112.85	Inf	-Inf	30.63	3	Horizontal	94	3.05	-
2442MHz	Pass	PK	2.4884G	63.58	74.00	-10.42	30.81	3	Horizontal	94	3.05	-
2442MHz	Pass	AV	2.39G	46.69	54.00	-7.31	30.45	3	Vertical	0	1.07	-
2442MHz	Pass	AV	2.4452G	107.14	Inf	-Inf	30.65	3	Vertical	0	1.07	-
2442MHz	Pass	AV	2.4836G	52.49	54.00	-1.51	30.79	3	Vertical	0	1.07	-
2442MHz	Pass	PK	2.39G	59.90	74.00	-14.10	30.45	3	Vertical	0	1.07	-
2442MHz	Pass	PK	2.4452G	117.41	Inf	-Inf	30.65	3	Vertical	0	1.07	-
2442MHz	Pass	PK	2.4836G	67.06	74.00	-6.94	30.79	3	Vertical	0	1.07	-
2447MHz	Pass	AV	2.4504G	100.87	Inf	-Inf	30.67	3	Horizontal	52	1.46	-
2447MHz	Pass	AV	2.483502G	49.81	54.00	-4.19	30.79	3	Horizontal	52	1.46	-
2447MHz	Pass	PK	2.4508G	110.61	Inf	-Inf	30.67	3	Horizontal	52	1.46	-
2447MHz	Pass	PK	2.4852G	62.58	74.00	-11.42	30.80	3	Horizontal	52	1.46	-
2447MHz	Pass	AV	2.4504G	106.96	Inf	-Inf	30.67	3	Vertical	0	1.04	-
2447MHz	Pass	AV	2.483502G	53.31	54.00	-0.69	30.79	3	Vertical	0	1.04	-
2447MHz	Pass	PK	2.4502G	117.13	Inf	-Inf	30.67	3	Vertical	0	1.04	-
2447MHz	Pass	PK	2.485G	68.06	74.00	-5.94	30.80	3	Vertical	0	1.04	-
2452MHz	Pass	AV	2.4554G	99.95	Inf	-Inf	30.69	3	Horizontal	52	1.45	-
2452MHz	Pass	AV	2.4838G	50.01	54.00	-3.99	30.79	3	Horizontal	52	1.45	-
2452MHz	Pass	PK	2.4486G	109.95	Inf	-Inf	30.66	3	Horizontal	52	1.45	-
2452MHz	Pass	PK	2.4902G	62.72	74.00	-11.28	30.81	3	Horizontal	52	1.45	-
2452MHz	Pass	AV	2.4554G	105.54	Inf	-Inf	30.69	3	Vertical	0	1.03	-
2452MHz	Pass	AV	2.483502G	53.88	54.00	-0.12	30.79	3	Vertical	0	1.03	-
2452MHz	Pass	PK	2.455G	115.73	Inf	-Inf	30.69	3	Vertical	0	1.03	-
2452MHz	Pass	PK	2.483502G	66.61	74.00	-7.39	30.79	3	Vertical	0	1.03	-
2457MHz	Pass	AV	2.4604G	97.98	Inf	-Inf	30.71	3	Horizontal	53	1.12	-
2457MHz	Pass	AV	2.4856G	48.76	54.00	-5.24	30.80	3	Horizontal	53	1.12	-
2457MHz	Pass	PK	2.4536G	107.71	Inf	-Inf	30.68	3	Horizontal	53	1.12	-
2457MHz	Pass	PK	2.4838G	63.48	74.00	-10.52	30.79	3	Horizontal	53	1.12	-
2457MHz	Pass	AV	2.4524G	103.29	Inf	-Inf	30.68	3	Vertical	0	1.04	-
2457MHz	Pass	AV	2.483502G	53.23	54.00	-0.77	30.79	3	Vertical	0	1.04	-
2457MHz	Pass	PK	2.4536G	113.44	Inf	-Inf	30.68	3	Vertical	0	1.04	-
2457MHz	Pass	PK	2.4848G	66.95	74.00	-7.05	30.80	3	Vertical	0	1.04	-
2462MHz	Pass	AV	2.465G	98.42	Inf	-Inf	30.72	3	Horizontal	53	1.15	-
2462MHz	Pass	AV	2.483502G	51.40	54.00	-2.60	30.79	3	Horizontal	53	1.15	-
2462MHz	Pass	PK	2.465G	106.58	Inf	-Inf	30.72	3	Horizontal	53	1.15	-
2462MHz	Pass	PK	2.483502G	62.84	74.00	-11.16	30.79	3	Horizontal	53	1.15	-
2462MHz	Pass	AV	2.4574G	101.04	Inf	-Inf	30.70	3	Vertical	359	1.03	-
2462MHz	Pass	AV	2.483502G	53.72	54.00	-0.28	30.79	3	Vertical	359	1.03	-
2462MHz	Pass	PK	2.4596G	109.57	Inf	-Inf	30.70	3	Vertical	359	1.03	-
2462MHz	Pass	PK	2.483502G	65.27	74.00	-8.73	30.79	3	Vertical	359	1.03	-
2462MHz	Pass	AV	4.9251G	40.76	54.00	-13.24	6.13	3	Horizontal	92	1.26	-
2462MHz	Pass	PK	4.9247G	53.40	74.00	-20.60	6.13	3	Horizontal	92	1.26	-
2462MHz	Pass	AV	4.9257G	44.76	54.00	-9.24	6.13	3	Vertical	118	1.20	-
2462MHz	Pass	PK	4.9246G	56.72	74.00	-17.28	6.13	3	Vertical	118	1.20	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.81	54.00	-4.19	30.45	3	Horizontal	95	1.22	-
2412MHz	Pass	AV	2.4174G	96.62	Inf	-Inf	30.55	3	Horizontal	95	1.22	-
2412MHz	Pass	PK	2.39G	63.43	74.00	-10.57	30.45	3	Horizontal	95	1.22	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.4084G	106.93	Inf	-Inf	30.52	3	Horizontal	95	1.22	-
2412MHz	Pass	AV	2.39G	53.28	54.00	-0.72	30.45	3	Vertical	3	1.24	-
2412MHz	Pass	AV	2.4066G	101.84	Inf	-Inf	30.51	3	Vertical	3	1.24	-
2412MHz	Pass	PK	2.39G	68.62	74.00	-5.38	30.45	3	Vertical	3	1.24	-
2412MHz	Pass	PK	2.4082G	111.76	Inf	-Inf	30.52	3	Vertical	3	1.24	-
2412MHz	Pass	AV	4.824G	39.84	54.00	-14.16	5.90	3	Horizontal	144	2.70	-
2412MHz	Pass	PK	4.824G	55.83	74.00	-18.17	5.90	3	Horizontal	144	2.70	-
2412MHz	Pass	AV	4.824G	40.92	54.00	-13.08	5.90	3	Vertical	22	2.60	-
2412MHz	Pass	PK	4.824G	55.62	74.00	-18.38	5.90	3	Vertical	22	2.60	-
2417MHz	Pass	AV	2.389G	49.42	54.00	-4.58	30.45	3	Horizontal	29	2.57	-
2417MHz	Pass	AV	2.4142G	100.83	Inf	-Inf	30.54	3	Horizontal	29	2.57	-
2417MHz	Pass	PK	2.3872G	60.30	74.00	-13.70	30.45	3	Horizontal	29	2.57	-
2417MHz	Pass	PK	2.4134G	108.96	Inf	-Inf	30.54	3	Horizontal	29	2.57	-
2417MHz	Pass	AV	2.39G	53.09	54.00	-0.91	30.45	3	Vertical	5	1.50	-
2417MHz	Pass	AV	2.4114G	104.69	Inf	-Inf	30.53	3	Vertical	5	1.50	-
2417MHz	Pass	PK	2.3866G	64.16	74.00	-9.84	30.44	3	Vertical	5	1.50	-
2417MHz	Pass	PK	2.4132G	113.25	Inf	-Inf	30.54	3	Vertical	5	1.50	-
2422MHz	Pass	AV	2.39G	49.63	54.00	-4.37	30.45	3	Horizontal	34	2.05	-
2422MHz	Pass	AV	2.4188G	102.27	Inf	-Inf	30.56	3	Horizontal	34	2.05	-
2422MHz	Pass	PK	2.3894G	61.43	74.00	-12.57	30.45	3	Horizontal	34	2.05	-
2422MHz	Pass	PK	2.4182G	110.74	Inf	-Inf	30.56	3	Horizontal	34	2.05	-
2422MHz	Pass	AV	2.39G	53.59	54.00	-0.41	30.45	3	Vertical	0	1.50	-
2422MHz	Pass	AV	2.4248G	105.38	Inf	-Inf	30.58	3	Vertical	0	1.50	-
2422MHz	Pass	PK	2.3872G	67.23	74.00	-6.77	30.45	3	Vertical	0	1.50	-
2422MHz	Pass	PK	2.4236G	113.78	Inf	-Inf	30.57	3	Vertical	0	1.50	-
2427MHz	Pass	AV	2.3898G	49.82	54.00	-4.18	30.45	3	Horizontal	39	2.69	-
2427MHz	Pass	AV	2.4244G	103.58	Inf	-Inf	30.58	3	Horizontal	39	2.69	-
2427MHz	Pass	PK	2.3898G	63.99	74.00	-10.01	30.45	3	Horizontal	39	2.69	-
2427MHz	Pass	PK	2.4248G	111.36	Inf	-Inf	30.58	3	Horizontal	39	2.69	-
2427MHz	Pass	AV	2.39G	53.83	54.00	-0.17	30.45	3	Vertical	0	1.45	-
2427MHz	Pass	AV	2.4298G	106.83	Inf	-Inf	30.60	3	Vertical	0	1.45	-
2427MHz	Pass	PK	2.3898G	69.13	74.00	-4.87	30.45	3	Vertical	0	1.45	-
2427MHz	Pass	PK	2.4288G	115.26	Inf	-Inf	30.59	3	Vertical	0	1.45	-
2432MHz	Pass	AV	2.39G	50.72	54.00	-3.28	30.45	3	Horizontal	28	2.38	-
2432MHz	Pass	AV	2.4292G	104.49	Inf	-Inf	30.60	3	Horizontal	28	2.38	-
2432MHz	Pass	AV	2.4856G	49.16	54.00	-4.84	30.80	3	Horizontal	28	2.38	-
2432MHz	Pass	PK	2.3892G	62.28	74.00	-11.72	30.45	3	Horizontal	28	2.38	-
2432MHz	Pass	PK	2.4284G	112.66	Inf	-Inf	30.59	3	Horizontal	28	2.38	-
2432MHz	Pass	PK	2.488G	59.36	74.00	-14.64	30.81	3	Horizontal	28	2.38	-
2432MHz	Pass	AV	2.3876G	53.44	54.00	-0.56	30.45	3	Vertical	321	1.42	-
2432MHz	Pass	AV	2.4348G	108.07	Inf	-Inf	30.62	3	Vertical	321	1.42	-
2432MHz	Pass	AV	2.4836G	51.18	54.00	-2.82	30.79	3	Vertical	321	1.42	-
2432MHz	Pass	PK	2.3876G	67.57	74.00	-6.43	30.45	3	Vertical	321	1.42	-
2432MHz	Pass	PK	2.4348G	116.76	Inf	-Inf	30.62	3	Vertical	321	1.42	-
2432MHz	Pass	PK	2.4836G	66.08	74.00	-7.92	30.79	3	Vertical	321	1.42	-
2437MHz	Pass	AV	2.389998G	47.62	54.00	-6.38	30.45	3	Horizontal	93	2.75	-
2437MHz	Pass	AV	2.4422G	103.40	Inf	-Inf	30.64	3	Horizontal	93	2.75	-
2437MHz	Pass	AV	2.483502G	51.18	54.00	-2.82	30.79	3	Horizontal	93	2.75	-
2437MHz	Pass	PK	2.3894G	61.65	74.00	-12.35	30.45	3	Horizontal	93	2.75	-

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	2.4334G	113.55	Inf	-Inf	30.61	3	Horizontal	93	2.75	-
2437MHz	Pass	PK	2.485G	65.14	74.00	-8.86	30.80	3	Horizontal	93	2.75	-
2437MHz	Pass	AV	2.389G	51.71	54.00	-2.29	30.45	3	Vertical	0	1.09	-
2437MHz	Pass	AV	2.4402G	108.04	Inf	-Inf	30.63	3	Vertical	0	1.09	-
2437MHz	Pass	AV	2.483502G	53.69	54.00	-0.31	30.79	3	Vertical	0	1.09	-
2437MHz	Pass	PK	2.3878G	67.79	74.00	-6.21	30.45	3	Vertical	0	1.09	-
2437MHz	Pass	PK	2.4386G	118.13	Inf	-Inf	30.63	3	Vertical	0	1.09	-
2437MHz	Pass	PK	2.4886G	68.71	74.00	-5.29	30.81	3	Vertical	0	1.09	-
2437MHz	Pass	AV	4.874G	48.21	54.00	-5.79	6.01	3	Horizontal	91	1.11	-
2437MHz	Pass	PK	4.874G	60.06	74.00	-13.94	6.01	3	Horizontal	91	1.11	-
2437MHz	Pass	AV	4.874G	51.89	54.00	-2.11	6.01	3	Vertical	119	1.03	-
2437MHz	Pass	PK	4.874G	66.88	74.00	-7.12	6.01	3	Vertical	119	1.03	-
2442MHz	Pass	AV	2.39G	46.94	54.00	-7.06	30.45	3	Horizontal	34	2.00	-
2442MHz	Pass	AV	2.4392G	103.85	Inf	-Inf	30.63	3	Horizontal	34	2.00	-
2442MHz	Pass	AV	2.4836G	51.18	54.00	-2.82	30.79	3	Horizontal	34	2.00	-
2442MHz	Pass	PK	2.3716G	57.77	74.00	-16.23	30.39	3	Horizontal	34	2.00	-
2442MHz	Pass	PK	2.4392G	111.77	Inf	-Inf	30.63	3	Horizontal	34	2.00	-
2442MHz	Pass	PK	2.488G	61.96	74.00	-12.04	30.81	3	Horizontal	34	2.00	-
2442MHz	Pass	AV	2.39G	48.39	54.00	-5.61	30.45	3	Vertical	17	1.07	-
2442MHz	Pass	AV	2.4388G	107.91	Inf	-Inf	30.63	3	Vertical	17	1.07	-
2442MHz	Pass	AV	2.4856G	53.41	54.00	-0.59	30.80	3	Vertical	17	1.07	-
2442MHz	Pass	PK	2.3884G	60.15	74.00	-13.85	30.45	3	Vertical	17	1.07	-
2442MHz	Pass	PK	2.438G	115.95	Inf	-Inf	30.63	3	Vertical	17	1.07	-
2442MHz	Pass	PK	2.4868G	66.24	74.00	-7.76	30.80	3	Vertical	17	1.07	-
2447MHz	Pass	AV	2.389998G	46.67	54.00	-7.33	30.45	3	Horizontal	31	2.37	-
2447MHz	Pass	AV	2.4438G	102.25	Inf	-Inf	30.65	3	Horizontal	31	2.37	-
2447MHz	Pass	AV	2.4842G	50.43	54.00	-3.57	30.79	3	Horizontal	31	2.37	-
2447MHz	Pass	PK	2.3726G	58.06	74.00	-15.94	30.39	3	Horizontal	31	2.37	-
2447MHz	Pass	PK	2.4434G	110.82	Inf	-Inf	30.65	3	Horizontal	31	2.37	-
2447MHz	Pass	PK	2.483502G	64.18	74.00	-9.82	30.79	3	Horizontal	31	2.37	-
2447MHz	Pass	AV	2.3882G	47.42	54.00	-6.58	30.45	3	Vertical	360	1.30	-
2447MHz	Pass	AV	2.4498G	106.63	Inf	-Inf	30.67	3	Vertical	360	1.30	-
2447MHz	Pass	AV	2.485G	53.68	54.00	-0.32	30.80	3	Vertical	360	1.30	-
2447MHz	Pass	PK	2.3726G	58.46	74.00	-15.54	30.39	3	Vertical	360	1.30	-
2447MHz	Pass	PK	2.451G	114.69	Inf	-Inf	30.67	3	Vertical	360	1.30	-
2447MHz	Pass	PK	2.485G	66.83	74.00	-7.17	30.80	3	Vertical	360	1.30	-
2452MHz	Pass	AV	2.449G	100.00	Inf	-Inf	30.67	3	Horizontal	28	3.19	-
2452MHz	Pass	AV	2.4852G	49.60	54.00	-4.40	30.80	3	Horizontal	28	3.19	-
2452MHz	Pass	PK	2.4482G	108.38	Inf	-Inf	30.66	3	Horizontal	28	3.19	-
2452MHz	Pass	PK	2.4866G	61.85	74.00	-12.15	30.80	3	Horizontal	28	3.19	-
2452MHz	Pass	AV	2.4506G	104.27	Inf	-Inf	30.67	3	Vertical	352	1.31	-
2452MHz	Pass	AV	2.483502G	53.81	54.00	-0.19	30.79	3	Vertical	352	1.31	-
2452MHz	Pass	PK	2.4538G	112.80	Inf	-Inf	30.68	3	Vertical	352	1.31	-
2452MHz	Pass	PK	2.483502G	65.53	74.00	-8.47	30.79	3	Vertical	352	1.31	-
2457MHz	Pass	AV	2.4538G	99.18	Inf	-Inf	30.68	3	Horizontal	26	3.19	-
2457MHz	Pass	AV	2.483502G	51.36	54.00	-2.64	30.79	3	Horizontal	26	3.19	-
2457MHz	Pass	PK	2.4532G	107.77	Inf	-Inf	30.68	3	Horizontal	26	3.19	-
2457MHz	Pass	PK	2.4836G	62.84	74.00	-11.16	30.79	3	Horizontal	26	3.19	-
2457MHz	Pass	AV	2.4586G	102.91	Inf	-Inf	30.70	3	Vertical	357	1.18	-

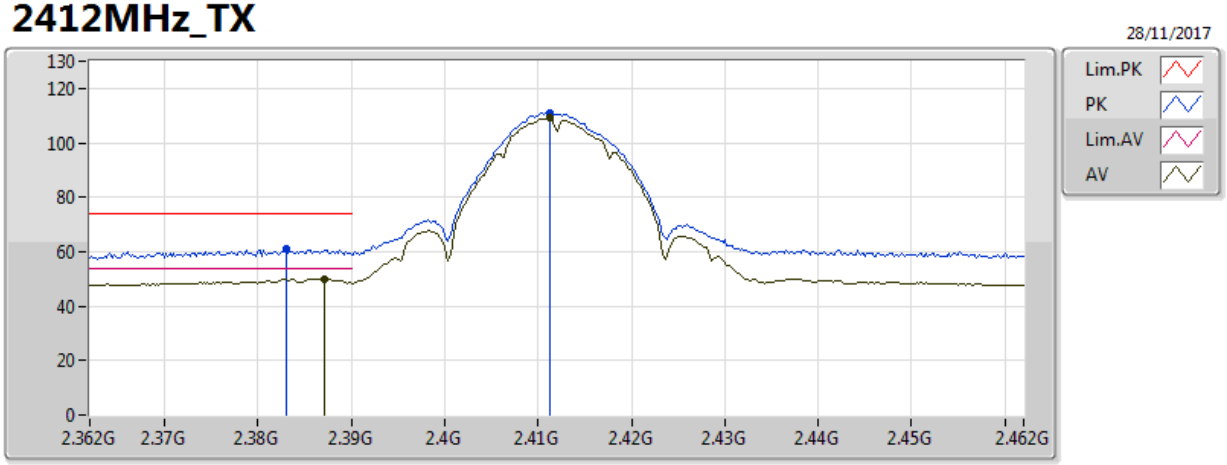
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	2.4856G	53.27	54.00	-0.73	30.80	3	Vertical	357	1.18	-
2457MHz	Pass	PK	2.4622G	110.96	Inf	-Inf	30.71	3	Vertical	357	1.18	-
2457MHz	Pass	PK	2.4882G	64.57	74.00	-9.43	30.81	3	Vertical	357	1.18	-
2462MHz	Pass	AV	2.4672G	93.65	Inf	-Inf	30.73	3	Horizontal	53	1.49	-
2462MHz	Pass	AV	2.483502G	49.23	54.00	-4.77	30.79	3	Horizontal	53	1.49	-
2462MHz	Pass	PK	2.4582G	103.98	Inf	-Inf	30.70	3	Horizontal	53	1.49	-
2462MHz	Pass	PK	2.485G	63.18	74.00	-10.82	30.80	3	Horizontal	53	1.49	-
2462MHz	Pass	AV	2.4566G	98.83	Inf	-Inf	30.69	3	Vertical	6	1.04	-
2462MHz	Pass	AV	2.4836G	53.56	54.00	-0.44	30.79	3	Vertical	6	1.04	-
2462MHz	Pass	PK	2.4582G	109.20	Inf	-Inf	30.70	3	Vertical	6	1.04	-
2462MHz	Pass	PK	2.483502G	69.10	74.00	-4.90	30.79	3	Vertical	6	1.04	-
2462MHz	Pass	AV	4.924G	38.93	54.00	-15.07	6.13	3	Horizontal	91	1.01	-
2462MHz	Pass	PK	4.924G	54.38	74.00	-19.62	6.13	3	Horizontal	91	1.01	-
2462MHz	Pass	AV	4.924G	42.22	54.00	-11.78	6.13	3	Vertical	119	1.06	-
2462MHz	Pass	PK	4.924G	57.41	74.00	-16.59	6.13	3	Vertical	119	1.06	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	48.79	54.00	-5.21	30.45	3	Horizontal	94	1.21	-
2422MHz	Pass	AV	2.4188G	91.23	Inf	-Inf	30.56	3	Horizontal	94	1.21	-
2422MHz	Pass	AV	2.4892G	46.73	54.00	-7.27	30.81	3	Horizontal	94	1.21	-
2422MHz	Pass	PK	2.3884G	65.54	74.00	-8.46	30.45	3	Horizontal	94	1.21	-
2422MHz	Pass	PK	2.4176G	100.48	Inf	-Inf	30.55	3	Horizontal	94	1.21	-
2422MHz	Pass	PK	2.498G	59.65	74.00	-14.35	30.84	3	Horizontal	94	1.21	-
2422MHz	Pass	AV	2.39G	53.78	54.00	-0.22	30.45	3	Vertical	357	1.20	-
2422MHz	Pass	AV	2.4148G	96.49	Inf	-Inf	30.54	3	Vertical	357	1.20	-
2422MHz	Pass	AV	2.4852G	47.55	54.00	-6.45	30.80	3	Vertical	357	1.20	-
2422MHz	Pass	PK	2.3884G	71.05	74.00	-2.95	30.45	3	Vertical	357	1.20	-
2422MHz	Pass	PK	2.414G	105.64	Inf	-Inf	30.54	3	Vertical	357	1.20	-
2422MHz	Pass	PK	2.4848G	64.39	74.00	-9.61	30.80	3	Vertical	357	1.20	-
2422MHz	Pass	AV	4.844G	35.20	54.00	-18.80	5.94	3	Horizontal	144	2.85	-
2422MHz	Pass	PK	4.844G	49.24	74.00	-24.76	5.94	3	Horizontal	144	2.85	-
2422MHz	Pass	AV	4.844G	36.92	54.00	-17.08	5.94	3	Vertical	117	1.18	-
2422MHz	Pass	PK	4.844G	51.72	74.00	-22.28	5.94	3	Vertical	117	1.18	-
2427MHz	Pass	AV	2.3882G	49.79	54.00	-4.21	30.45	3	Horizontal	36	2.05	-
2427MHz	Pass	AV	2.4162G	93.20	Inf	-Inf	30.55	3	Horizontal	36	2.05	-
2427MHz	Pass	AV	2.497G	48.71	54.00	-5.29	30.84	3	Horizontal	36	2.05	-
2427MHz	Pass	PK	2.377G	61.54	74.00	-12.46	30.41	3	Horizontal	36	2.05	-
2427MHz	Pass	PK	2.4158G	100.47	Inf	-Inf	30.55	3	Horizontal	36	2.05	-
2427MHz	Pass	PK	2.4966G	58.83	74.00	-15.17	30.84	3	Horizontal	36	2.05	-
2427MHz	Pass	AV	2.389998G	53.71	54.00	-0.29	30.45	3	Vertical	321	1.21	-
2427MHz	Pass	AV	2.419G	96.86	Inf	-Inf	30.56	3	Vertical	321	1.21	-
2427MHz	Pass	AV	2.4858G	48.69	54.00	-5.31	30.80	3	Vertical	321	1.21	-
2427MHz	Pass	PK	2.3758G	66.76	74.00	-7.24	30.41	3	Vertical	321	1.21	-
2427MHz	Pass	PK	2.4194G	104.57	Inf	-Inf	30.56	3	Vertical	321	1.21	-
2427MHz	Pass	PK	2.4958G	61.78	74.00	-12.22	30.83	3	Vertical	321	1.21	-
2432MHz	Pass	AV	2.39G	50.19	54.00	-3.81	30.45	3	Horizontal	39	2.68	-
2432MHz	Pass	AV	2.4208G	94.14	Inf	-Inf	30.56	3	Horizontal	39	2.68	-
2432MHz	Pass	AV	2.4836G	48.68	54.00	-5.32	30.79	3	Horizontal	39	2.68	-
2432MHz	Pass	PK	2.3752G	61.63	74.00	-12.37	30.40	3	Horizontal	39	2.68	-
2432MHz	Pass	PK	2.4208G	101.78	Inf	-Inf	30.56	3	Horizontal	39	2.68	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2432MHz	Pass	PK	2.4836G	60.60	74.00	-13.40	30.79	3	Horizontal	39	2.68	-
2432MHz	Pass	AV	2.39G	53.22	54.00	-0.78	30.45	3	Vertical	320	1.38	-
2432MHz	Pass	AV	2.4232G	97.59	Inf	-Inf	30.57	3	Vertical	320	1.38	-
2432MHz	Pass	AV	2.4836G	50.62	54.00	-3.38	30.79	3	Vertical	320	1.38	-
2432MHz	Pass	PK	2.388G	67.39	74.00	-6.61	30.45	3	Vertical	320	1.38	-
2432MHz	Pass	PK	2.4244G	105.46	Inf	-Inf	30.58	3	Vertical	320	1.38	-
2432MHz	Pass	PK	2.4848G	62.98	74.00	-11.02	30.80	3	Vertical	320	1.38	-
2437MHz	Pass	AV	2.389998G	48.21	54.00	-5.79	30.45	3	Horizontal	91	2.80	-
2437MHz	Pass	AV	2.4238G	93.46	Inf	-Inf	30.58	3	Horizontal	91	2.80	-
2437MHz	Pass	AV	2.483502G	51.63	54.00	-2.37	30.79	3	Horizontal	91	2.80	-
2437MHz	Pass	PK	2.389998G	63.47	74.00	-10.53	30.45	3	Horizontal	91	2.80	-
2437MHz	Pass	PK	2.4242G	102.19	Inf	-Inf	30.58	3	Horizontal	91	2.80	-
2437MHz	Pass	PK	2.4842G	62.70	74.00	-11.30	30.79	3	Horizontal	91	2.80	-
2437MHz	Pass	AV	2.389998G	51.88	54.00	-2.12	30.45	3	Vertical	0	1.17	-
2437MHz	Pass	AV	2.429G	98.24	Inf	-Inf	30.59	3	Vertical	0	1.17	-
2437MHz	Pass	AV	2.4838G	53.57	54.00	-0.43	30.79	3	Vertical	0	1.17	-
2437MHz	Pass	PK	2.3626G	68.27	74.00	-5.73	30.36	3	Vertical	0	1.17	-
2437MHz	Pass	PK	2.4294G	107.24	Inf	-Inf	30.60	3	Vertical	0	1.17	-
2437MHz	Pass	PK	2.4898G	67.24	74.00	-6.76	30.81	3	Vertical	0	1.17	-
2437MHz	Pass	AV	4.874G	36.11	54.00	-17.89	6.01	3	Horizontal	90	1.02	-
2437MHz	Pass	PK	4.874G	50.33	74.00	-23.67	6.01	3	Horizontal	90	1.02	-
2437MHz	Pass	AV	4.874G	39.64	54.00	-14.36	6.01	3	Vertical	116	1.04	-
2437MHz	Pass	PK	4.874G	54.01	74.00	-19.99	6.01	3	Vertical	116	1.04	-
2442MHz	Pass	AV	2.3892G	47.68	54.00	-6.32	30.45	3	Horizontal	34	2.38	-
2442MHz	Pass	AV	2.4312G	91.66	Inf	-Inf	30.60	3	Horizontal	34	2.38	-
2442MHz	Pass	AV	2.4836G	50.22	54.00	-3.78	30.79	3	Horizontal	34	2.38	-
2442MHz	Pass	PK	2.3864G	58.31	74.00	-15.69	30.44	3	Horizontal	34	2.38	-
2442MHz	Pass	PK	2.4312G	99.17	Inf	-Inf	30.60	3	Horizontal	34	2.38	-
2442MHz	Pass	PK	2.4844G	59.93	74.00	-14.07	30.79	3	Horizontal	34	2.38	-
2442MHz	Pass	AV	2.39G	48.16	54.00	-5.84	30.45	3	Vertical	356	1.32	-
2442MHz	Pass	AV	2.452G	95.75	Inf	-Inf	30.68	3	Vertical	356	1.32	-
2442MHz	Pass	AV	2.4836G	53.81	54.00	-0.19	30.79	3	Vertical	356	1.32	-
2442MHz	Pass	PK	2.382G	62.18	74.00	-11.82	30.43	3	Vertical	356	1.32	-
2442MHz	Pass	PK	2.4516G	103.05	Inf	-Inf	30.68	3	Vertical	356	1.32	-
2442MHz	Pass	PK	2.4848G	63.83	74.00	-10.17	30.80	3	Vertical	356	1.32	-
2447MHz	Pass	AV	2.3618G	47.57	54.00	-6.43	30.36	3	Horizontal	32	2.40	-
2447MHz	Pass	AV	2.4362G	90.53	Inf	-Inf	30.62	3	Horizontal	32	2.40	-
2447MHz	Pass	AV	2.4846G	50.42	54.00	-3.58	30.79	3	Horizontal	32	2.40	-
2447MHz	Pass	PK	2.3654G	58.11	74.00	-15.89	30.37	3	Horizontal	32	2.40	-
2447MHz	Pass	PK	2.4358G	98.13	Inf	-Inf	30.62	3	Horizontal	32	2.40	-
2447MHz	Pass	PK	2.485G	61.38	74.00	-12.62	30.80	3	Horizontal	32	2.40	-
2447MHz	Pass	AV	2.3894G	48.15	54.00	-5.85	30.45	3	Vertical	357	1.19	-
2447MHz	Pass	AV	2.4578G	94.28	Inf	-Inf	30.70	3	Vertical	357	1.19	-
2447MHz	Pass	AV	2.4858G	53.68	54.00	-0.32	30.80	3	Vertical	357	1.19	-
2447MHz	Pass	PK	2.3838G	62.72	74.00	-11.28	30.43	3	Vertical	357	1.19	-
2447MHz	Pass	PK	2.4582G	101.85	Inf	-Inf	30.70	3	Vertical	357	1.19	-
2447MHz	Pass	PK	2.4866G	65.07	74.00	-8.93	30.80	3	Vertical	357	1.19	-
2452MHz	Pass	AV	2.3764G	45.85	54.00	-8.15	30.41	3	Horizontal	93	3.05	-
2452MHz	Pass	AV	2.4384G	89.52	Inf	-Inf	30.63	3	Horizontal	93	3.05	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.486G	50.88	54.00	-3.12	30.80	3	Horizontal	93	3.05	-
2452MHz	Pass	PK	2.3844G	58.37	74.00	-15.63	30.44	3	Horizontal	93	3.05	-
2452MHz	Pass	PK	2.4376G	98.95	Inf	-Inf	30.63	3	Horizontal	93	3.05	-
2452MHz	Pass	PK	2.4848G	66.05	74.00	-7.95	30.80	3	Horizontal	93	3.05	-
2452MHz	Pass	AV	2.3816G	46.10	54.00	-7.90	30.43	3	Vertical	25	1.66	-
2452MHz	Pass	AV	2.4408G	93.42	Inf	-Inf	30.64	3	Vertical	25	1.66	-
2452MHz	Pass	AV	2.4848G	53.72	54.00	-0.28	30.80	3	Vertical	25	1.66	-
2452MHz	Pass	PK	2.3868G	59.24	74.00	-14.76	30.44	3	Vertical	25	1.66	-
2452MHz	Pass	PK	2.4408G	101.99	Inf	-Inf	30.64	3	Vertical	25	1.66	-
2452MHz	Pass	PK	2.4864G	67.13	74.00	-6.87	30.80	3	Vertical	25	1.66	-
2452MHz	Pass	AV	4.904G	33.83	54.00	-20.17	6.08	3	Horizontal	90	1.03	-
2452MHz	Pass	PK	4.904G	47.56	74.00	-26.44	6.08	3	Horizontal	90	1.03	-
2452MHz	Pass	AV	4.904G	35.99	54.00	-18.01	6.08	3	Vertical	117	1.06	-
2452MHz	Pass	PK	4.904G	50.45	74.00	-23.55	6.08	3	Vertical	117	1.06	-

802.11b_Nss1,(1Mbps)_2TX

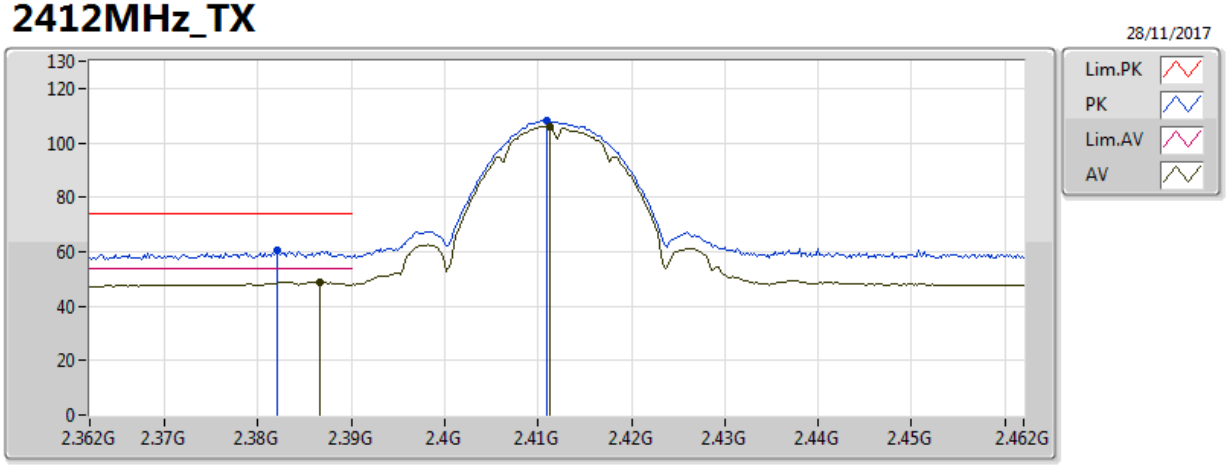
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3872G	50.01	54.00	-3.99	30.45	3	Vertical	356	1.52	-	19.56	27.21	3.24	-
AV	2.4112G	109.05	Inf	-Inf	30.53	3	Vertical	356	1.52	-	78.52	27.27	3.26	-
PK	2.383G	60.82	74.00	-13.18	30.43	3	Vertical	356	1.52	-	30.39	27.20	3.23	-
PK	2.4112G	111.08	Inf	-Inf	30.53	3	Vertical	356	1.52	-	80.55	27.27	3.26	-

802.11b_Nss1,(1Mbps)_2TX

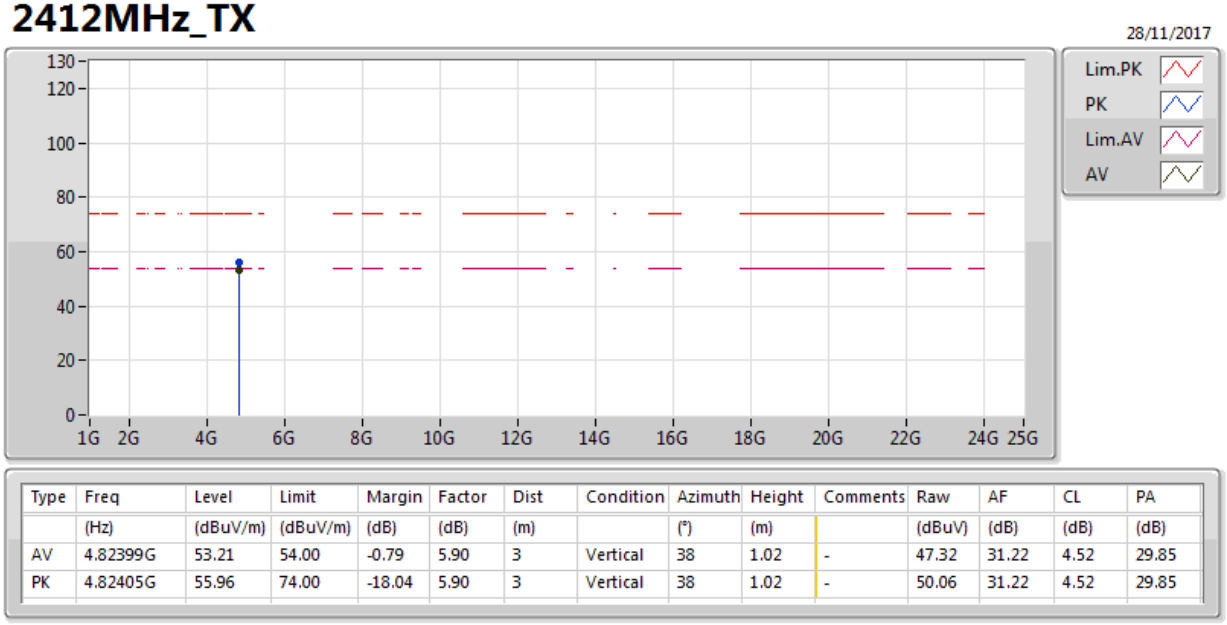
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3866G	48.81	54.00	-5.19	30.44	3	Horizontal	301	1.17	-	18.37	27.21	3.24	-
AV	2.4112G	106.16	Inf	-Inf	30.53	3	Horizontal	301	1.17	-	75.63	27.27	3.26	-
PK	2.382G	60.24	74.00	-13.76	30.43	3	Horizontal	301	1.17	-	29.82	27.19	3.23	-
PK	2.411G	108.22	Inf	-Inf	30.53	3	Horizontal	301	1.17	-	77.69	27.27	3.26	-

802.11b_Nss1,(1Mbps)_2TX

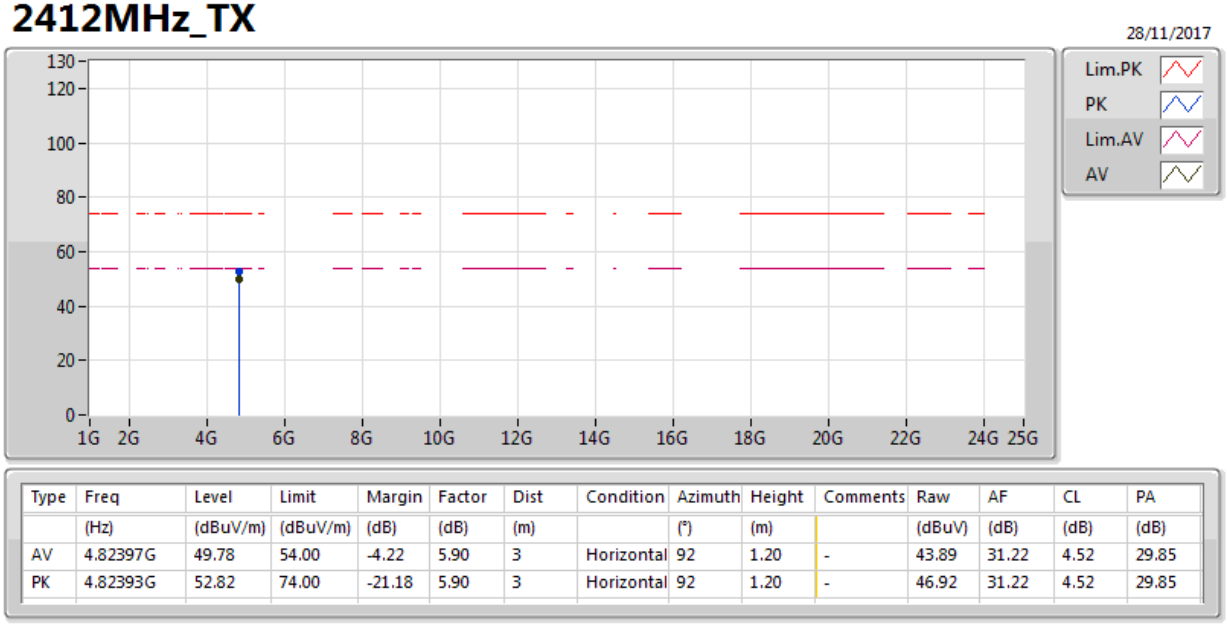
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82399G	53.21	54.00	-0.79	5.90	3	Vertical	38	1.02	-	47.32	31.22	4.52	29.85
PK	4.82405G	55.96	74.00	-18.04	5.90	3	Vertical	38	1.02	-	50.06	31.22	4.52	29.85

802.11b_Nss1,(1Mbps)_2TX

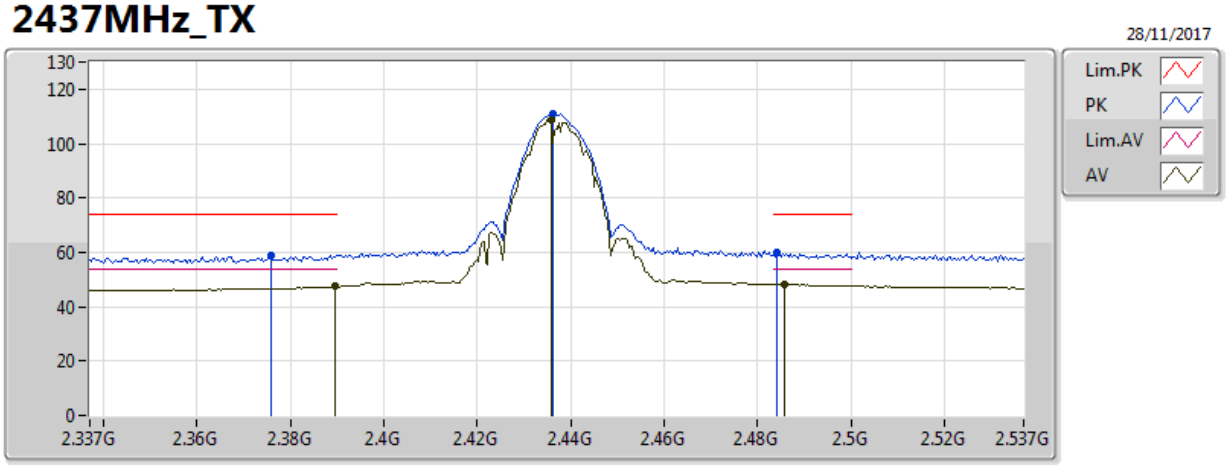
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82397G	49.78	54.00	-4.22	5.90	3	Horizontal	92	1.20	-	43.89	31.22	4.52	29.85
PK	4.82393G	52.82	74.00	-21.18	5.90	3	Horizontal	92	1.20	-	46.92	31.22	4.52	29.85

802.11b_Nss1,(1Mbps)_2TX

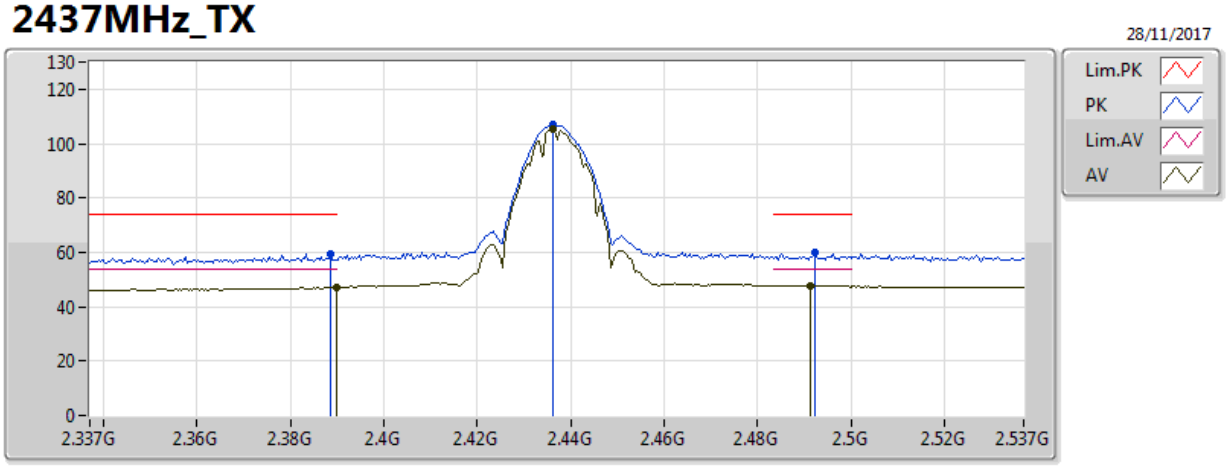
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	47.48	54.00	-6.52	30.45	3	Vertical	0	1.11	-	17.03	27.21	3.24	-
AV	2.4358G	108.79	Inf	-Inf	30.62	3	Vertical	0	1.11	-	78.18	27.33	3.29	-
AV	2.4858G	48.24	54.00	-5.76	30.80	3	Vertical	0	1.11	-	17.44	27.46	3.34	-
PK	2.3758G	59.02	74.00	-14.98	30.41	3	Vertical	0	1.11	-	28.61	27.18	3.23	-
PK	2.4362G	111.15	Inf	-Inf	30.62	3	Vertical	0	1.11	-	80.53	27.33	3.29	-
PK	2.4842G	59.78	74.00	-14.22	30.79	3	Vertical	0	1.11	-	28.99	27.46	3.33	-

802.11b_Nss1,(1Mbps)_2TX

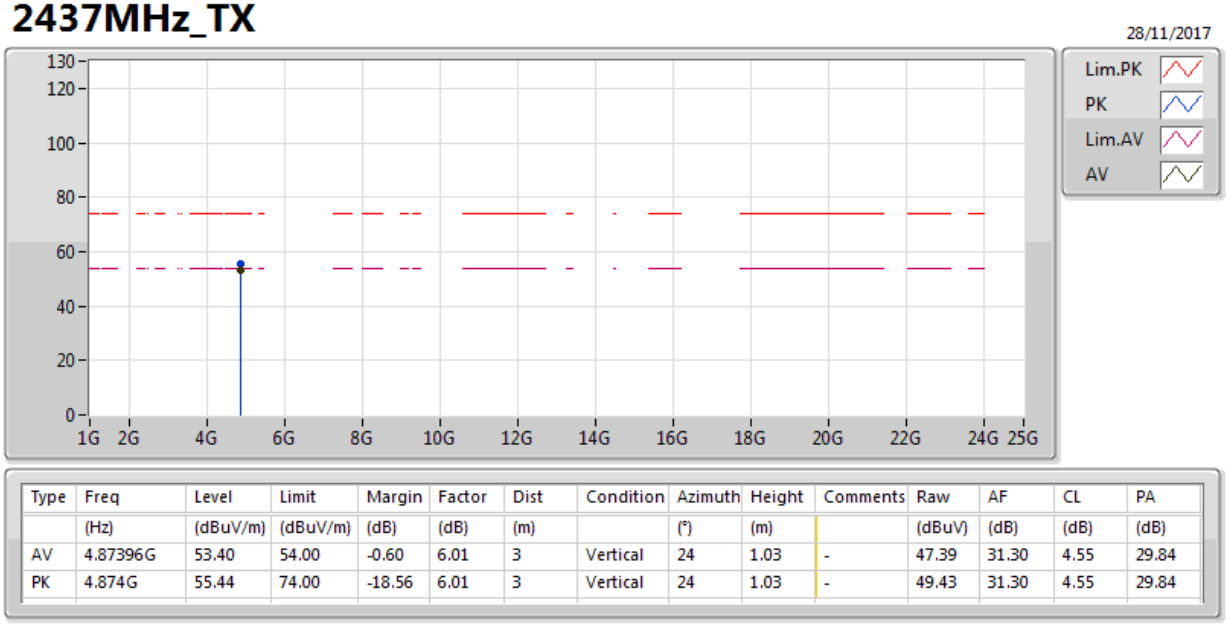
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	46.97	54.00	-7.03	30.45	3	Horizontal	299	1.39	-	16.52	27.21	3.24	-
AV	2.4362G	105.34	Inf	-Inf	30.62	3	Horizontal	299	1.39	-	74.72	27.33	3.29	-
AV	2.4914G	47.72	54.00	-6.28	30.82	3	Horizontal	299	1.39	-	16.90	27.48	3.34	-
PK	2.3886G	59.45	74.00	-14.55	30.45	3	Horizontal	299	1.39	-	29.00	27.21	3.24	-
PK	2.4362G	107.06	Inf	-Inf	30.62	3	Horizontal	299	1.39	-	76.44	27.33	3.29	-
PK	2.4922G	59.80	74.00	-14.20	30.82	3	Horizontal	299	1.39	-	28.98	27.48	3.34	-

802.11b_Nss1,(1Mbps)_2TX

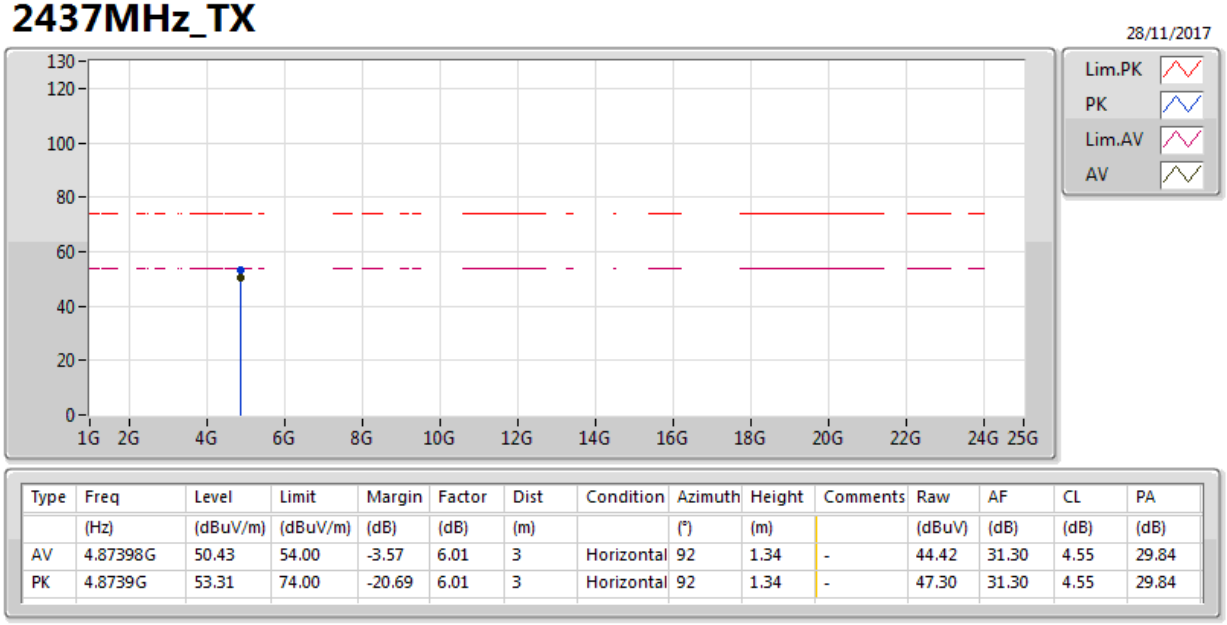
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	53.40	54.00	-0.60	6.01	3	Vertical	24	1.03	-	47.39	31.30	4.55	29.84
PK	4.874G	55.44	74.00	-18.56	6.01	3	Vertical	24	1.03	-	49.43	31.30	4.55	29.84

802.11b_Nss1,(1Mbps)_2TX

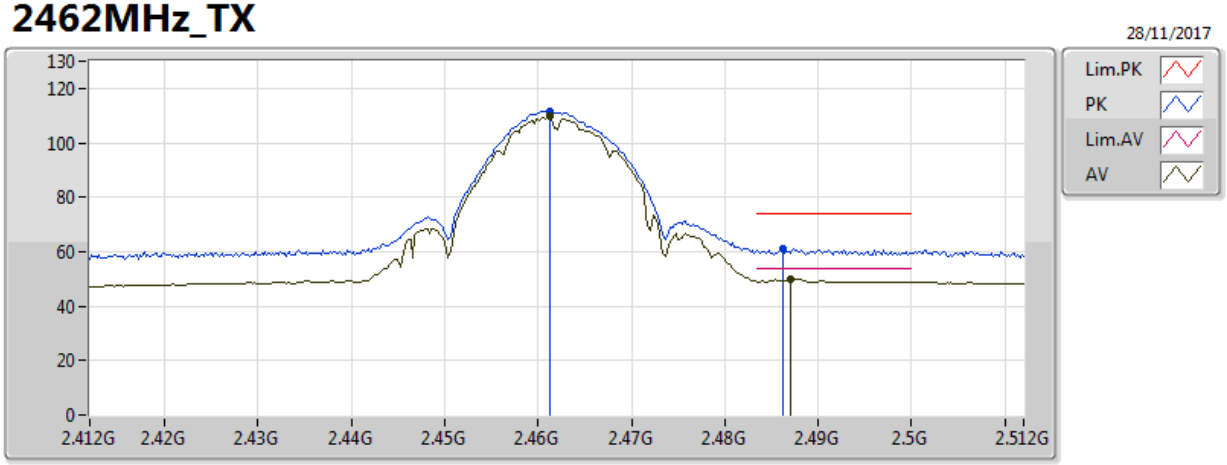
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87398G	50.43	54.00	-3.57	6.01	3	Horizontal	92	1.34	-	44.42	31.30	4.55	29.84
PK	4.8739G	53.31	74.00	-20.69	6.01	3	Horizontal	92	1.34	-	47.30	31.30	4.55	29.84

802.11b_Nss1,(1Mbps)_2TX

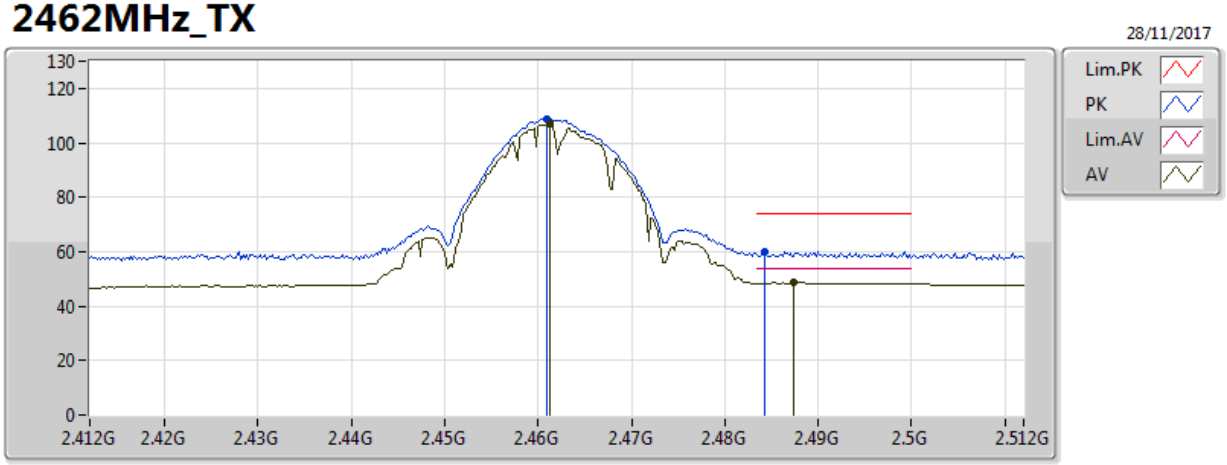
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	109.65	Inf	-Inf	30.71	3	Vertical	357	1.01	-	78.94	27.40	3.31	-
AV	2.487G	50.08	54.00	-3.92	30.80	3	Vertical	357	1.01	-	19.27	27.47	3.34	-
PK	2.4612G	111.70	Inf	-Inf	30.71	3	Vertical	357	1.01	-	80.99	27.40	3.31	-
PK	2.4862G	61.21	74.00	-12.79	30.80	3	Vertical	357	1.01	-	30.41	27.46	3.34	-

802.11b_Nss1,(1Mbps)_2TX

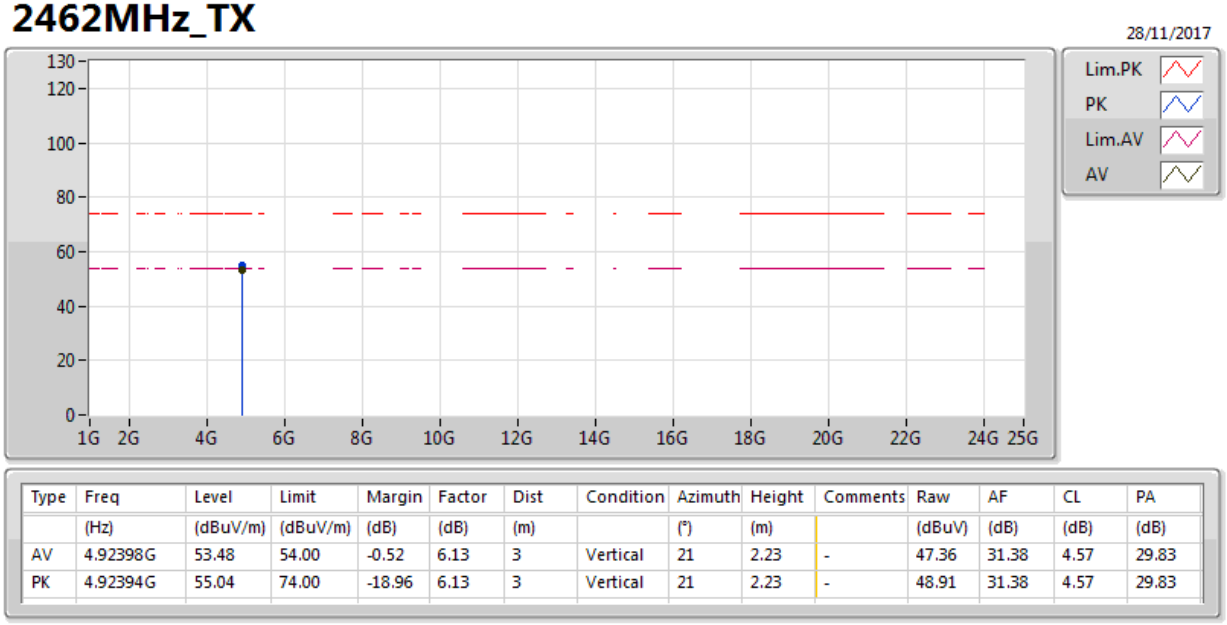
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	106.82	Inf	-Inf	30.71	3	Horizontal	53	1.12	-	76.11	27.40	3.31	-
AV	2.4874G	48.98	54.00	-5.02	30.80	3	Horizontal	53	1.12	-	18.17	27.47	3.34	-
PK	2.461G	108.89	Inf	-Inf	30.71	3	Horizontal	53	1.12	-	78.18	27.40	3.31	-
PK	2.4842G	59.78	74.00	-14.22	30.79	3	Horizontal	53	1.12	-	28.99	27.46	3.33	-

802.11b_Nss1,(1Mbps)_2TX

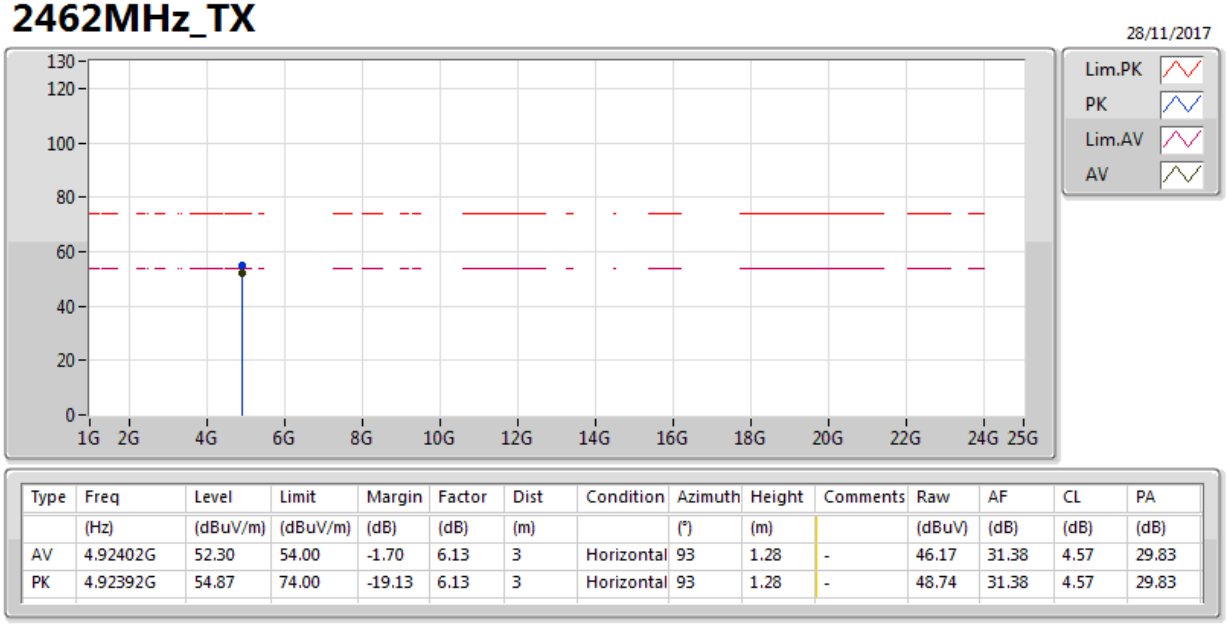
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92398G	53.48	54.00	-0.52	6.13	3	Vertical	21	2.23	-	47.36	31.38	4.57	29.83
PK	4.92394G	55.04	74.00	-18.96	6.13	3	Vertical	21	2.23	-	48.91	31.38	4.57	29.83

802.11b_Nss1,(1Mbps)_2TX

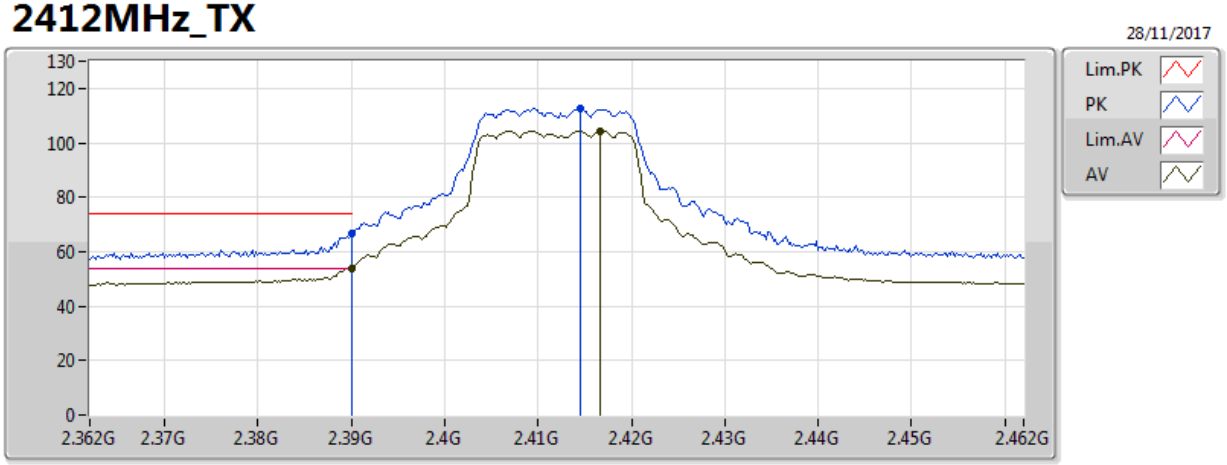
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92402G	52.30	54.00	-1.70	6.13	3	Horizontal	93	1.28	-	46.17	31.38	4.57	29.83
PK	4.92392G	54.87	74.00	-19.13	6.13	3	Horizontal	93	1.28	-	48.74	31.38	4.57	29.83

802.11g_Nss1,(6Mbps)_2TX

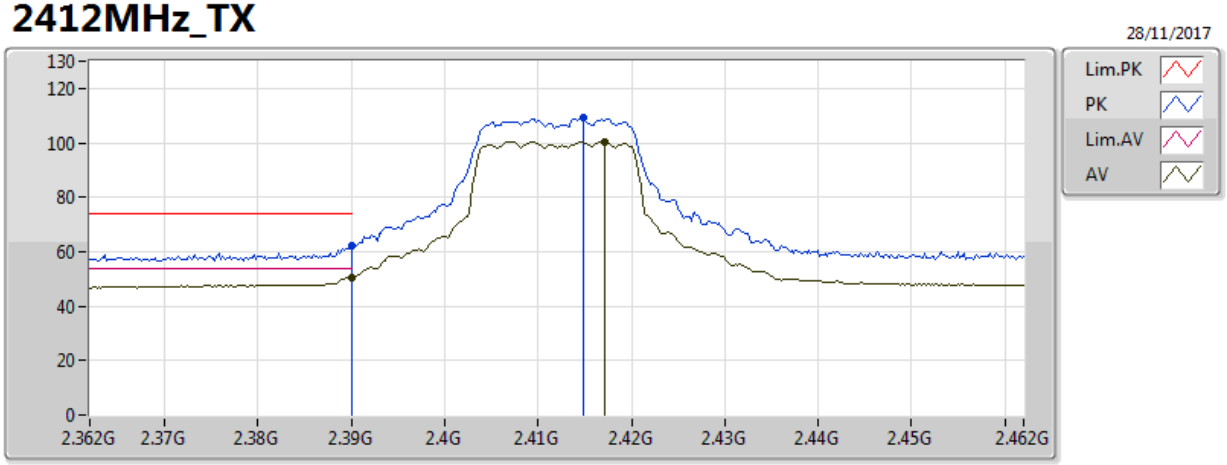
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.87	54.00	-0.13	30.45	3	Vertical	343	1.21	-	23.42	27.21	3.24	-
AV	2.4166G	104.27	Inf	-Inf	30.55	3	Vertical	343	1.21	-	73.72	27.28	3.27	-
PK	2.39G	66.45	74.00	-7.55	30.45	3	Vertical	343	1.21	-	35.99	27.21	3.24	-
PK	2.4146G	112.62	Inf	-Inf	30.54	3	Vertical	343	1.21	-	82.08	27.28	3.26	-

802.11g_Nss1,(6Mbps)_2TX

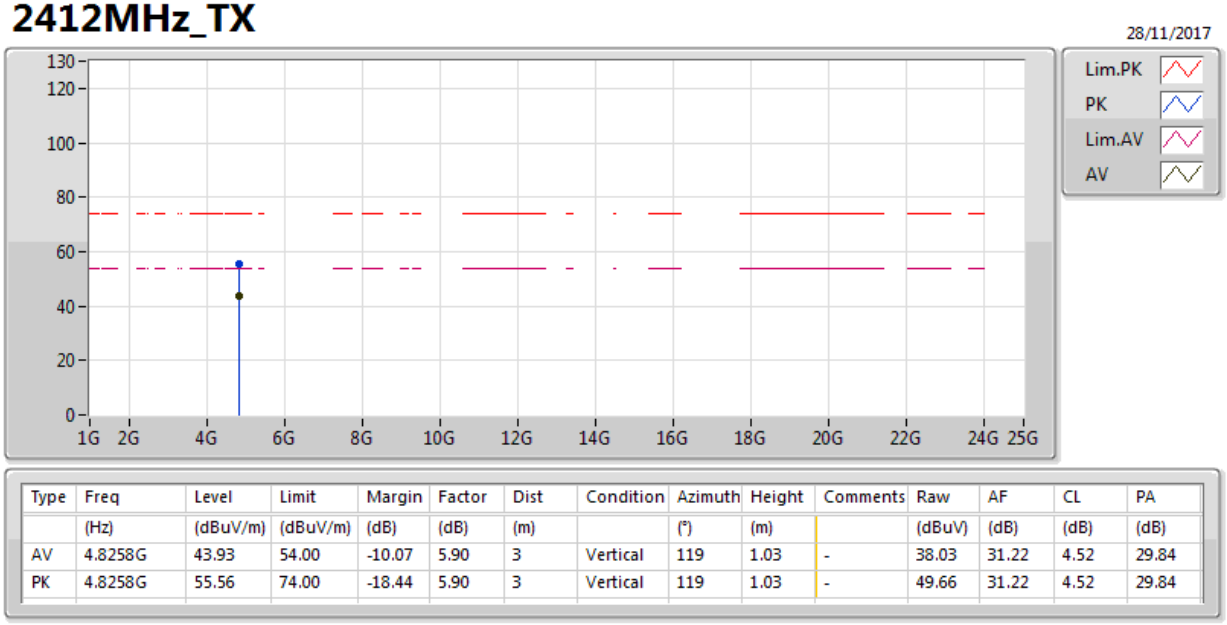
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.59	54.00	-3.41	30.45	3	Horizontal	289	1.50	-	20.13	27.21	3.24	-
AV	2.4172G	100.27	Inf	-Inf	30.55	3	Horizontal	289	1.50	-	69.72	27.28	3.27	-
PK	2.39G	62.42	74.00	-11.58	30.45	3	Horizontal	289	1.50	-	31.96	27.21	3.24	-
PK	2.4148G	109.03	Inf	-Inf	30.54	3	Horizontal	289	1.50	-	78.49	27.28	3.26	-

802.11g_Nss1,(6Mbps)_2TX

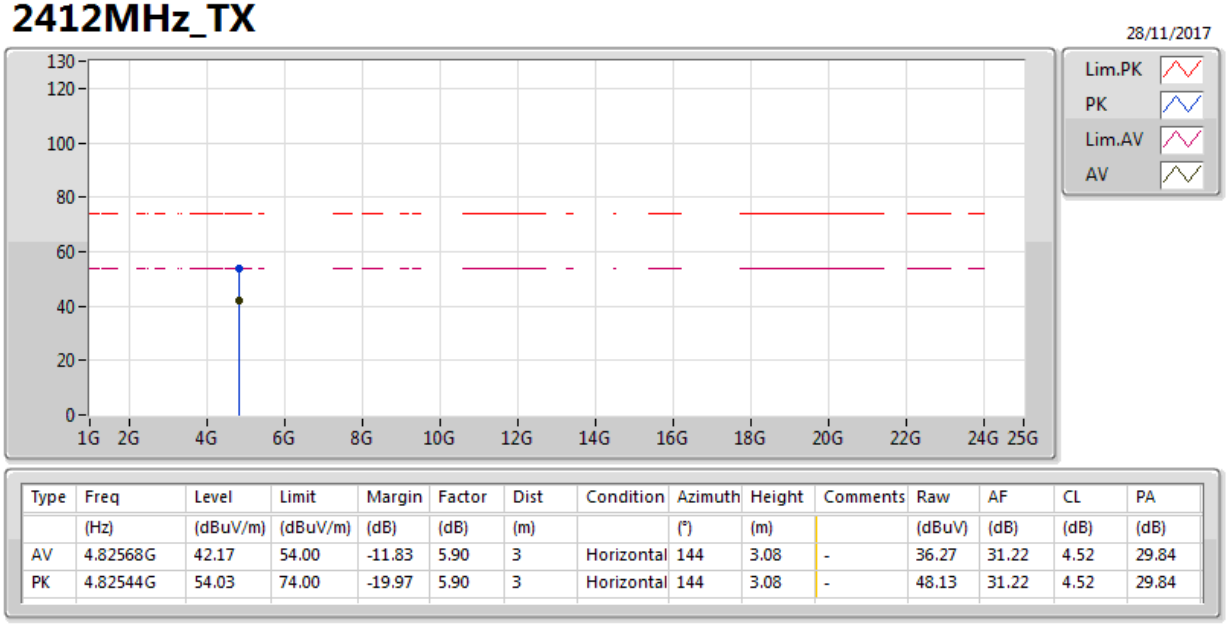
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8258G	43.93	54.00	-10.07	5.90	3	Vertical	119	1.03	-	38.03	31.22	4.52	29.84
PK	4.8258G	55.56	74.00	-18.44	5.90	3	Vertical	119	1.03	-	49.66	31.22	4.52	29.84

802.11g_Nss1,(6Mbps)_2TX

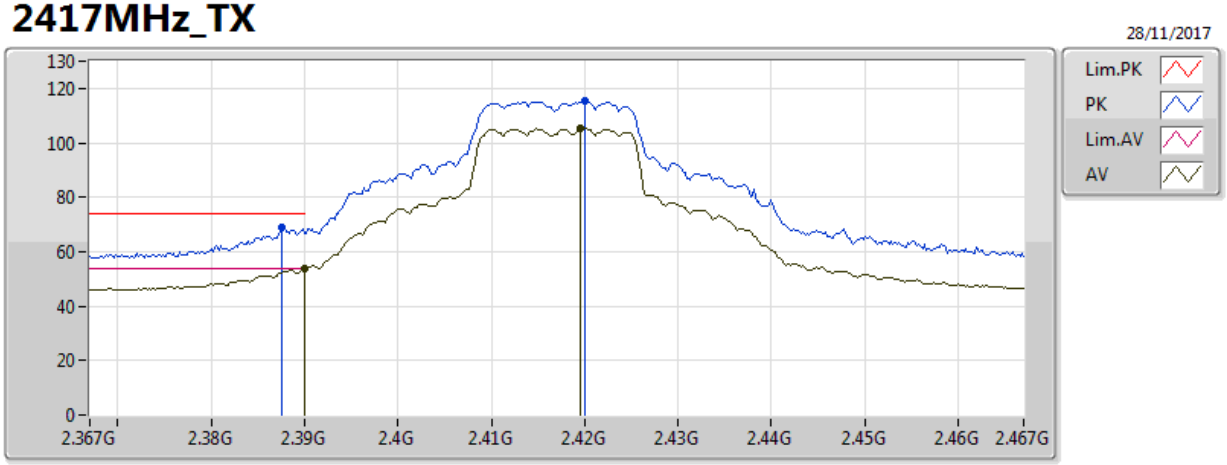
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82568G	42.17	54.00	-11.83	5.90	3	Horizontal	144	3.08	-	36.27	31.22	4.52	29.84
PK	4.82544G	54.03	74.00	-19.97	5.90	3	Horizontal	144	3.08	-	48.13	31.22	4.52	29.84

802.11g_Nss1,(6Mbps)_2TX

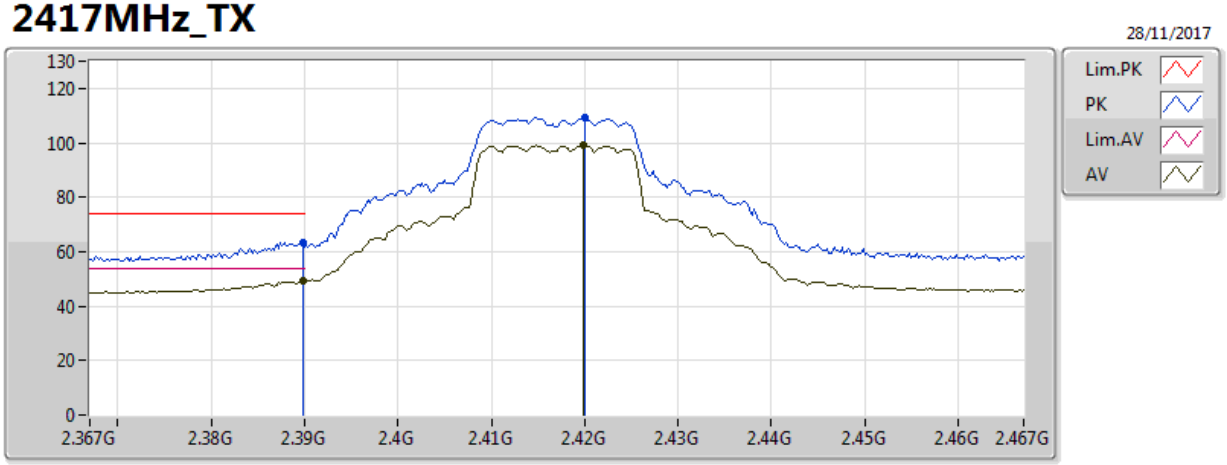
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.61	54.00	-0.39	30.45	3	Vertical	0	1.20	-	23.16	27.21	3.24	-
AV	2.4196G	105.49	Inf	-Inf	30.56	3	Vertical	0	1.20	-	74.93	27.29	3.27	-
PK	2.3876G	69.04	74.00	-4.96	30.45	3	Vertical	0	1.20	-	38.60	27.21	3.24	-
PK	2.42G	115.47	Inf	-Inf	30.56	3	Vertical	0	1.20	-	84.91	27.29	3.27	-

802.11g_Nss1,(6Mbps)_2TX

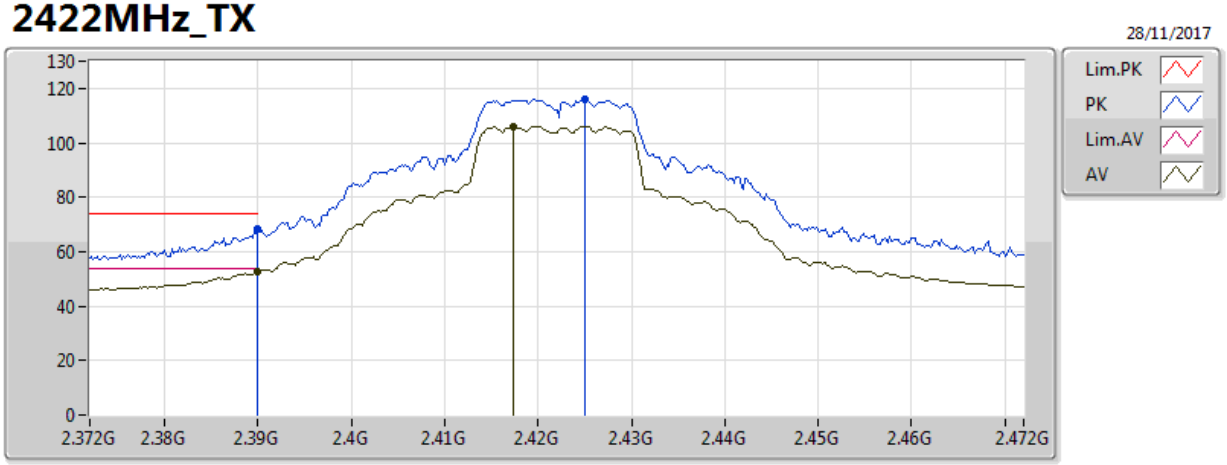
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.21	54.00	-4.79	30.45	3	Horizontal	288	1.12	-	18.75	27.21	3.24	-
AV	2.4198G	99.14	Inf	-Inf	30.56	3	Horizontal	288	1.12	-	68.58	27.29	3.27	-
PK	2.3898G	63.58	74.00	-10.42	30.45	3	Horizontal	288	1.12	-	33.13	27.21	3.24	-
PK	2.42G	109.15	Inf	-Inf	30.56	3	Horizontal	288	1.12	-	78.59	27.29	3.27	-

802.11g_Nss1,(6Mbps)_2TX

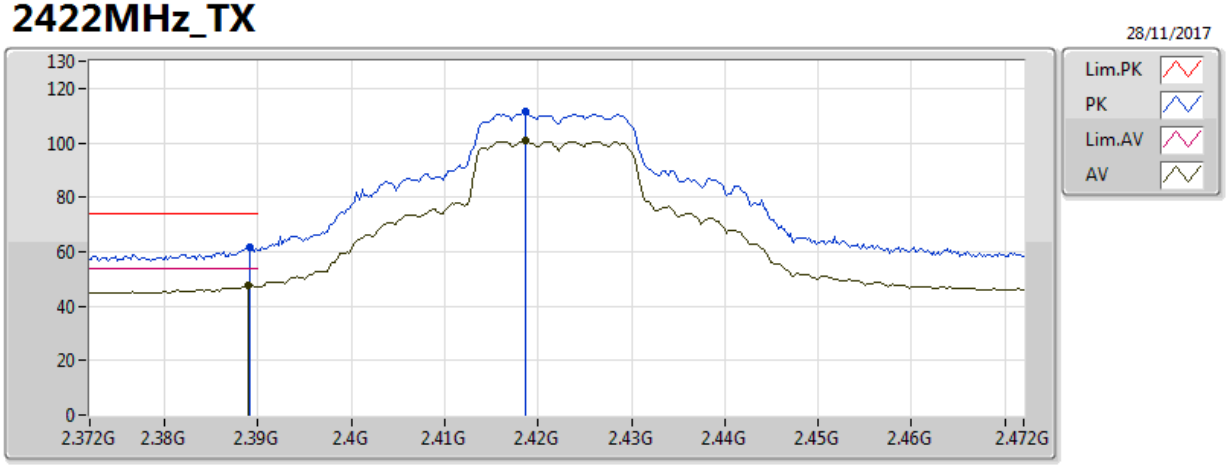
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.81	54.00	-1.19	30.45	3	Vertical	0	1.21	-	22.36	27.21	3.24	-
AV	2.4174G	106.01	Inf	-Inf	30.55	3	Vertical	0	1.21	-	75.46	27.29	3.27	-
PK	2.39G	68.19	74.00	-5.81	30.45	3	Vertical	0	1.21	-	37.74	27.21	3.24	-
PK	2.425G	116.07	Inf	-Inf	30.58	3	Vertical	0	1.21	-	85.49	27.30	3.27	-

802.11g_Nss1,(6Mbps)_2TX

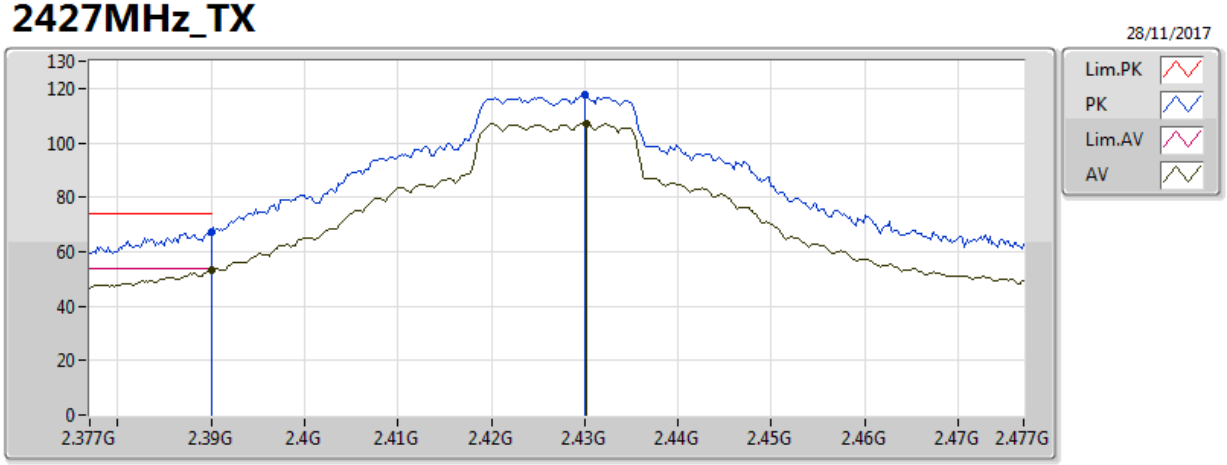
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	47.65	54.00	-6.35	30.45	3	Horizontal	96	1.21	-	17.19	27.21	3.24	-
AV	2.4186G	100.69	Inf	-Inf	30.56	3	Horizontal	96	1.21	-	70.13	27.29	3.27	-
PK	2.3892G	61.53	74.00	-12.47	30.45	3	Horizontal	96	1.21	-	31.08	27.21	3.24	-
PK	2.4186G	111.38	Inf	-Inf	30.56	3	Horizontal	96	1.21	-	80.83	27.29	3.27	-

802.11g_Nss1,(6Mbps)_2TX

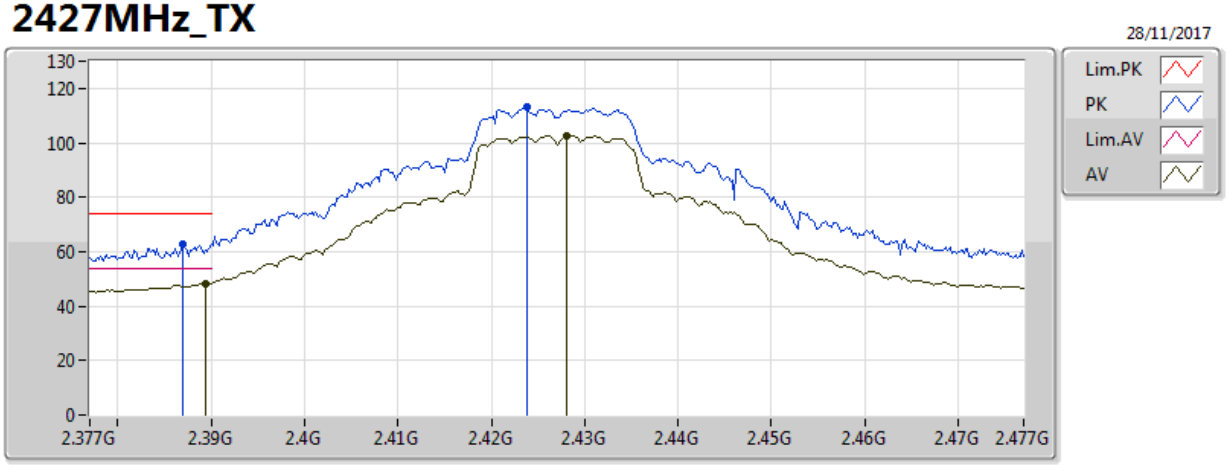
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.98	54.00	-1.02	30.45	3	Vertical	359	1.17	-	22.53	27.21	3.24	-
AV	2.4302G	107.04	Inf	-Inf	30.60	3	Vertical	359	1.17	-	76.44	27.32	3.28	-
PK	2.39G	67.34	74.00	-6.66	30.45	3	Vertical	359	1.17	-	36.88	27.21	3.24	-
PK	2.43G	117.52	Inf	-Inf	30.60	3	Vertical	359	1.17	-	86.92	27.32	3.28	-

802.11g_Nss1,(6Mbps)_2TX

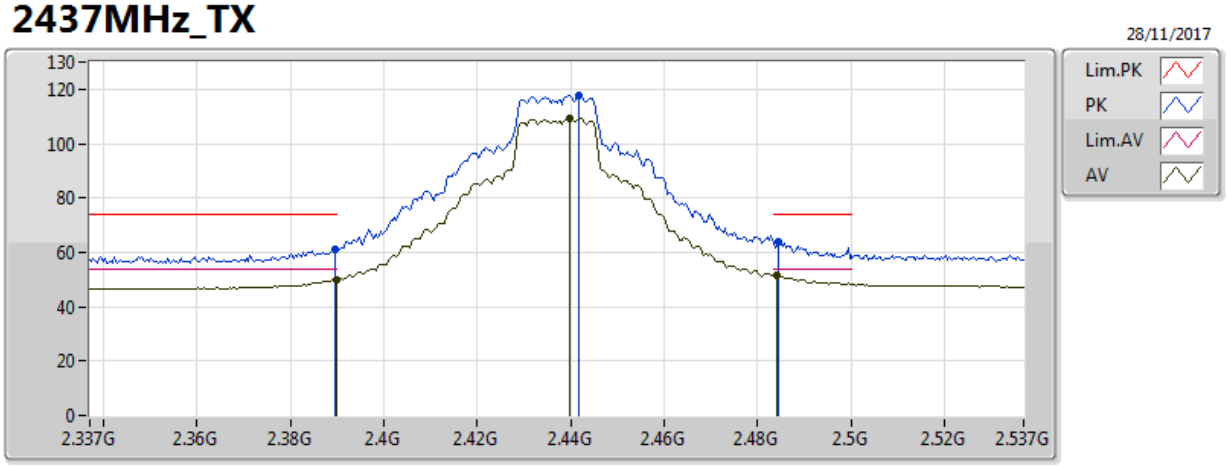
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	48.29	54.00	-5.71	30.45	3	Horizontal	91	2.78	-	17.84	27.21	3.24	-
AV	2.428G	102.56	Inf	-Inf	30.59	3	Horizontal	91	2.78	-	71.97	27.31	3.28	-
PK	2.387G	62.73	74.00	-11.27	30.44	3	Horizontal	91	2.78	-	32.29	27.21	3.24	-
PK	2.4238G	113.00	Inf	-Inf	30.58	3	Horizontal	91	2.78	-	82.42	27.30	3.27	-

802.11g_Nss1,(6Mbps)_2TX

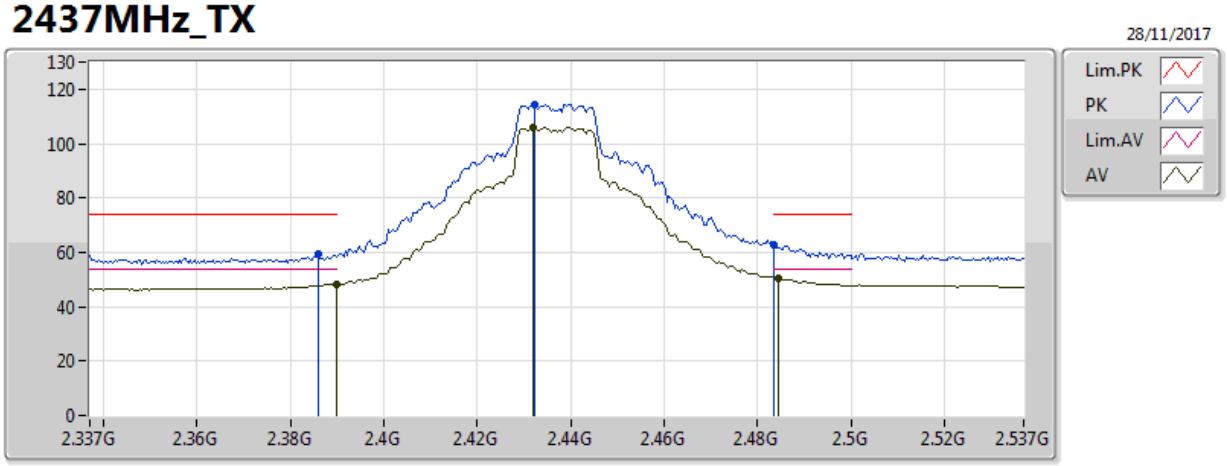
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	50.05	54.00	-3.95	30.45	3	Vertical	344	1.37	-	19.59	27.21	3.24	-
AV	2.4398G	109.54	Inf	-Inf	30.63	3	Vertical	344	1.37	-	78.91	27.34	3.29	-
AV	2.4842G	51.40	54.00	-2.60	30.79	3	Vertical	344	1.37	-	20.61	27.46	3.33	-
PK	2.3894G	61.33	74.00	-12.67	30.45	3	Vertical	344	1.37	-	30.88	27.21	3.24	-
PK	2.4418G	117.95	Inf	-Inf	30.64	3	Vertical	344	1.37	-	87.31	27.35	3.29	-
PK	2.4846G	63.95	74.00	-10.05	30.79	3	Vertical	344	1.37	-	33.15	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

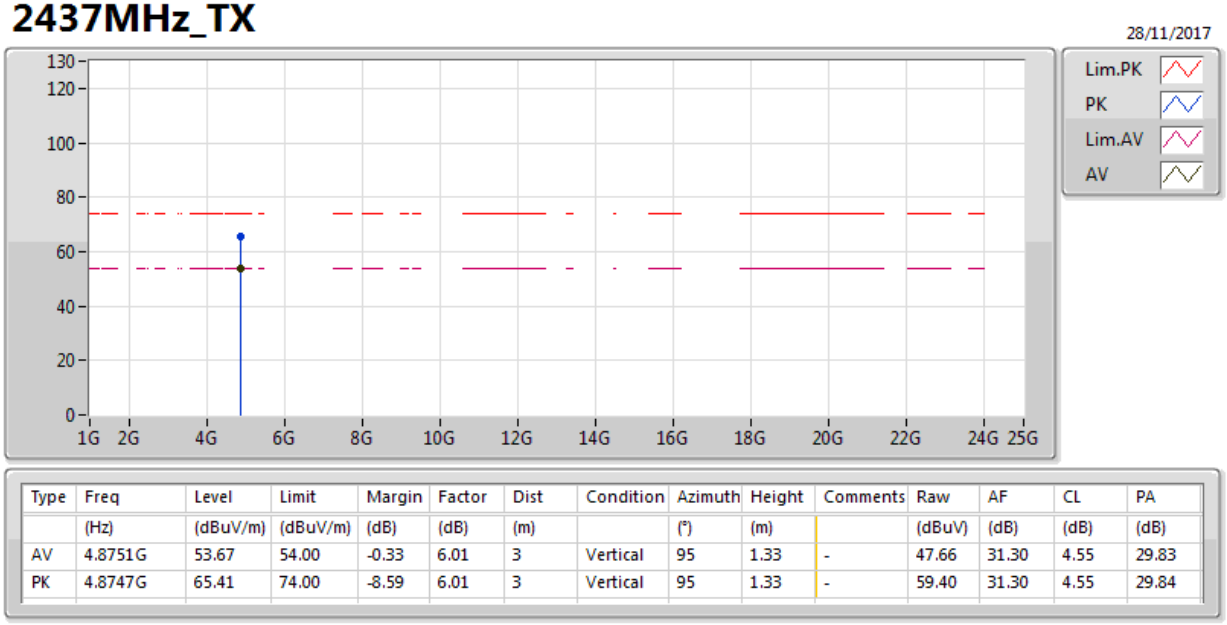
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	48.20	54.00	-5.80	30.45	3	Horizontal	290	1.06	-	17.75	27.21	3.24	-
AV	2.4318G	106.16	Inf	-Inf	30.60	3	Horizontal	290	1.06	-	75.55	27.32	3.28	-
AV	2.4846G	50.47	54.00	-3.53	30.79	3	Horizontal	290	1.06	-	19.67	27.46	3.33	-
PK	2.3858G	59.47	74.00	-14.53	30.44	3	Horizontal	290	1.06	-	29.03	27.20	3.24	-
PK	2.4322G	114.42	Inf	-Inf	30.61	3	Horizontal	290	1.06	-	83.81	27.32	3.28	-
PK	2.483502G	62.56	74.00	-11.44	30.79	3	Horizontal	290	1.06	-	31.77	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

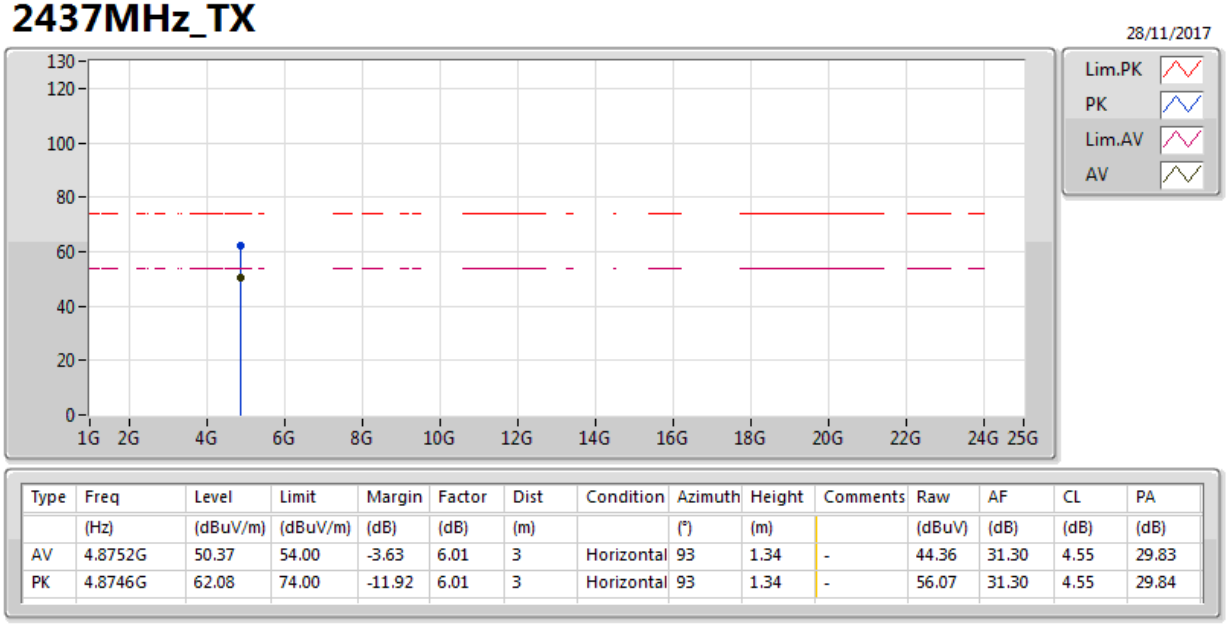
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8751G	53.67	54.00	-0.33	6.01	3	Vertical	95	1.33	-	47.66	31.30	4.55	29.83
PK	4.8747G	65.41	74.00	-8.59	6.01	3	Vertical	95	1.33	-	59.40	31.30	4.55	29.84

802.11g_Nss1,(6Mbps)_2TX

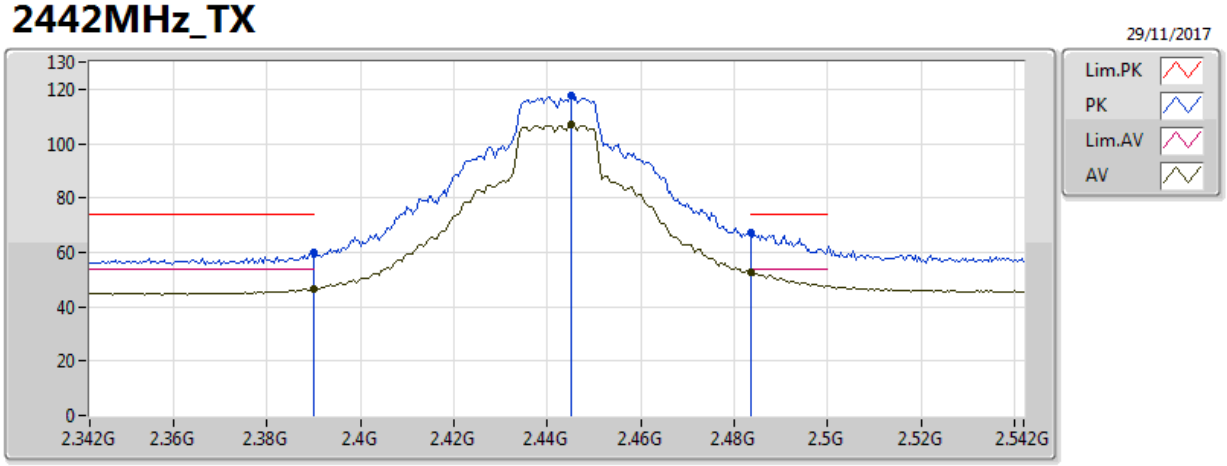
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8752G	50.37	54.00	-3.63	6.01	3	Horizontal	93	1.34	-	44.36	31.30	4.55	29.83
PK	4.8746G	62.08	74.00	-11.92	6.01	3	Horizontal	93	1.34	-	56.07	31.30	4.55	29.84

802.11g_Nss1,(6Mbps)_2TX

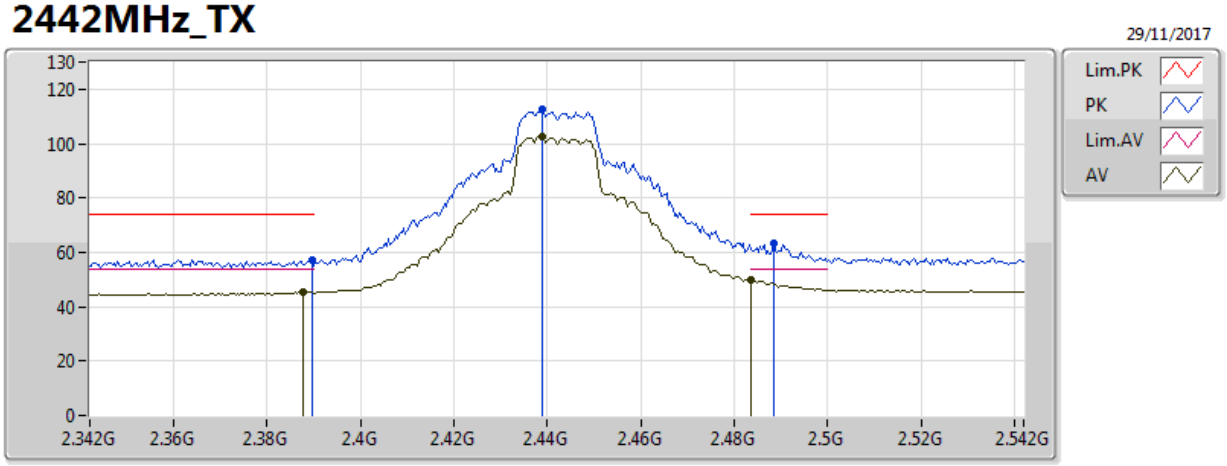
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	46.69	54.00	-7.31	30.45	3	Vertical	0	1.07	-	16.23	27.21	3.24	-
AV	2.4452G	107.14	Inf	-Inf	30.65	3	Vertical	0	1.07	-	76.48	27.36	3.30	-
AV	2.4836G	52.49	54.00	-1.51	30.79	3	Vertical	0	1.07	-	21.70	27.46	3.33	-
PK	2.39G	59.90	74.00	-14.10	30.45	3	Vertical	0	1.07	-	29.45	27.21	3.24	-
PK	2.4452G	117.41	Inf	-Inf	30.65	3	Vertical	0	1.07	-	86.76	27.36	3.30	-
PK	2.4836G	67.06	74.00	-6.94	30.79	3	Vertical	0	1.07	-	36.26	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

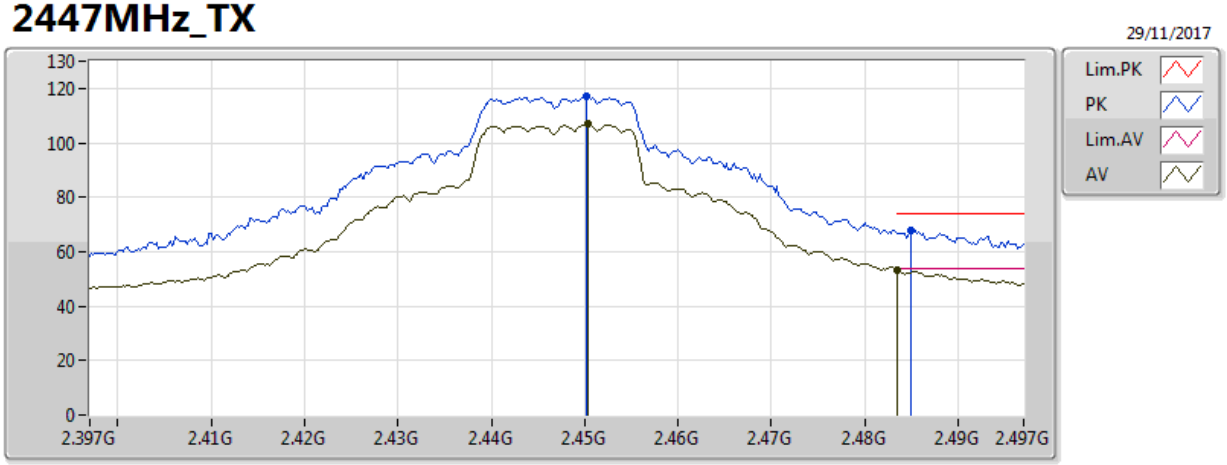
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3876G	45.36	54.00	-8.64	30.45	3	Horizontal	94	3.05	-	14.91	27.21	3.24	-
AV	2.4388G	102.58	Inf	-Inf	30.63	3	Horizontal	94	3.05	-	71.95	27.34	3.29	-
AV	2.4836G	49.78	54.00	-4.22	30.79	3	Horizontal	94	3.05	-	18.99	27.46	3.33	-
PK	2.3896G	57.40	74.00	-16.60	30.45	3	Horizontal	94	3.05	-	26.94	27.21	3.24	-
PK	2.4388G	112.85	Inf	-Inf	30.63	3	Horizontal	94	3.05	-	82.22	27.34	3.29	-
PK	2.4884G	63.58	74.00	-10.42	30.81	3	Horizontal	94	3.05	-	32.77	27.47	3.34	-

802.11g_Nss1,(6Mbps)_2TX

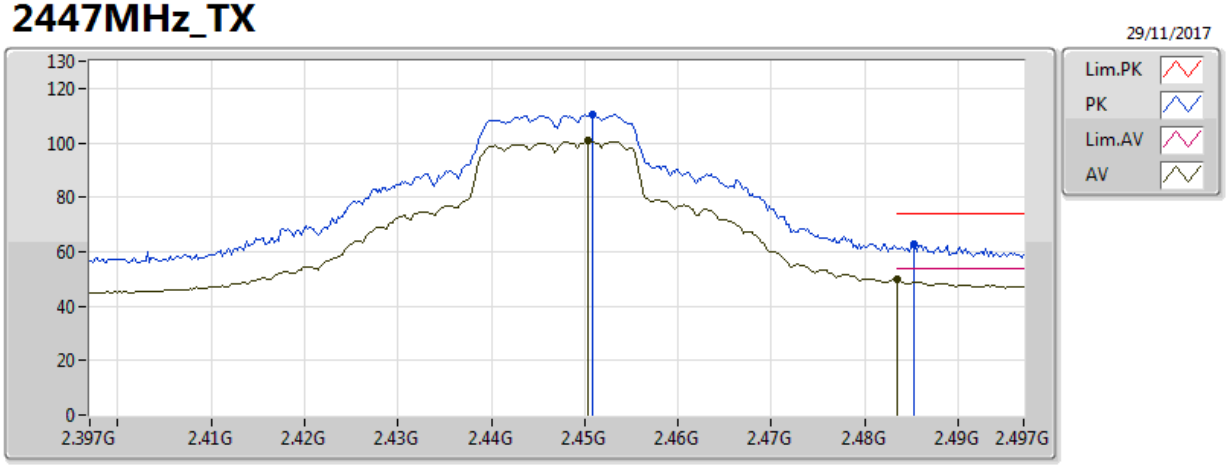
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4504G	106.96	Inf	-Inf	30.67	3	Vertical	0	1.04	-	76.28	27.37	3.30	-
AV	2.483502G	53.31	54.00	-0.69	30.79	3	Vertical	0	1.04	-	22.51	27.46	3.33	-
PK	2.4502G	117.13	Inf	-Inf	30.67	3	Vertical	0	1.04	-	86.46	27.37	3.30	-
PK	2.485G	68.06	74.00	-5.94	30.80	3	Vertical	0	1.04	-	37.26	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

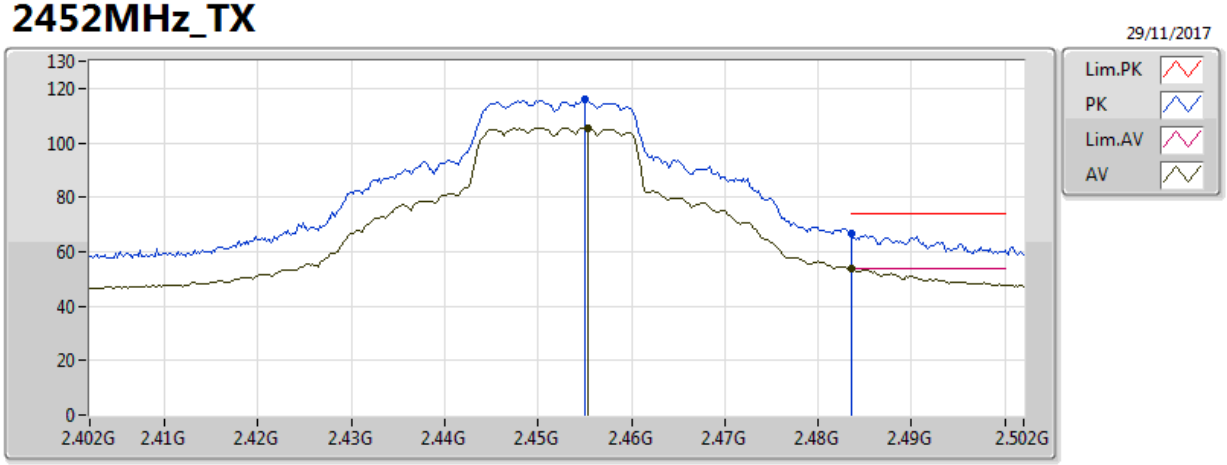
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4504G	100.87	Inf	-Inf	30.67	3	Horizontal	52	1.46	-	70.20	27.37	3.30	-
AV	2.483502G	49.81	54.00	-4.19	30.79	3	Horizontal	52	1.46	-	19.01	27.46	3.33	-
PK	2.4508G	110.61	Inf	-Inf	30.67	3	Horizontal	52	1.46	-	79.93	27.37	3.30	-
PK	2.4852G	62.58	74.00	-11.42	30.80	3	Horizontal	52	1.46	-	31.79	27.46	3.34	-

802.11g_Nss1,(6Mbps)_2TX

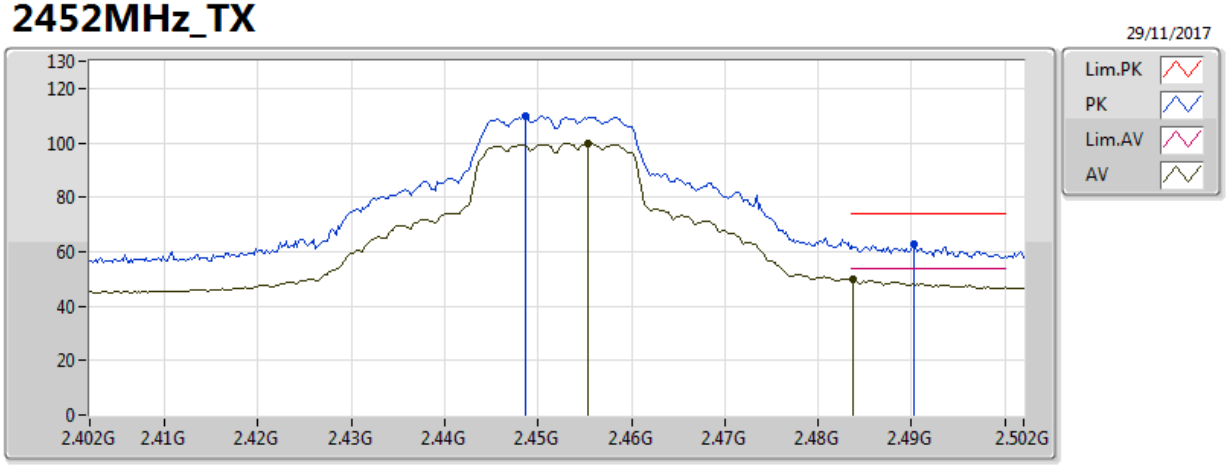
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4554G	105.54	Inf	-Inf	30.69	3	Vertical	0	1.03	-	74.86	27.38	3.31	-
AV	2.483502G	53.88	54.00	-0.12	30.79	3	Vertical	0	1.03	-	23.09	27.46	3.33	-
PK	2.455G	115.73	Inf	-Inf	30.69	3	Vertical	0	1.03	-	85.04	27.38	3.31	-
PK	2.483502G	66.61	74.00	-7.39	30.79	3	Vertical	0	1.03	-	35.82	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

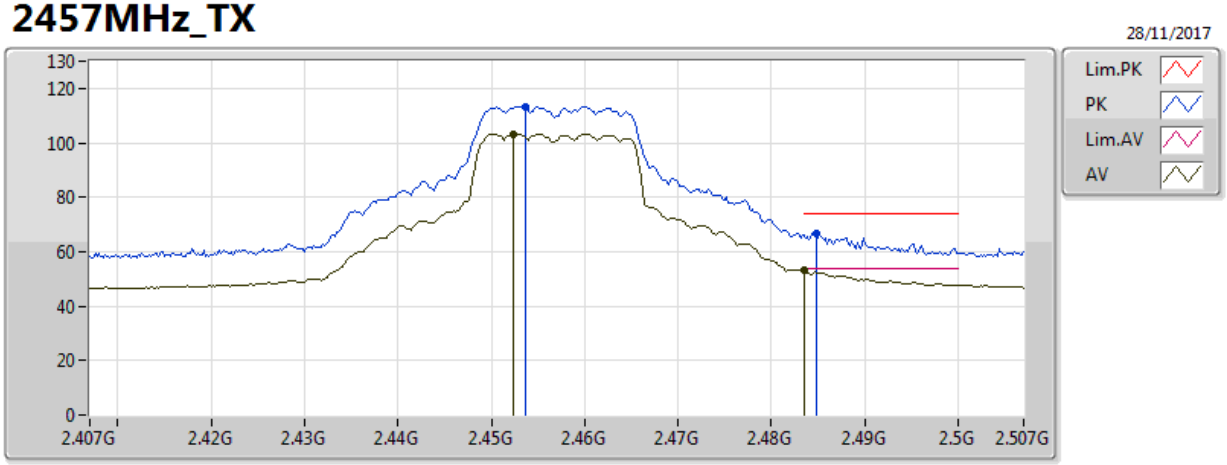
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4554G	99.95	Inf	-Inf	30.69	3	Horizontal	52	1.45	-	69.27	27.38	3.31	-
AV	2.4838G	50.01	54.00	-3.99	30.79	3	Horizontal	52	1.45	-	19.22	27.46	3.33	-
PK	2.4486G	109.95	Inf	-Inf	30.66	3	Horizontal	52	1.45	-	79.29	27.37	3.30	-
PK	2.4902G	62.72	74.00	-11.28	30.81	3	Horizontal	52	1.45	-	31.90	27.47	3.34	-

802.11g_Nss1,(6Mbps)_2TX

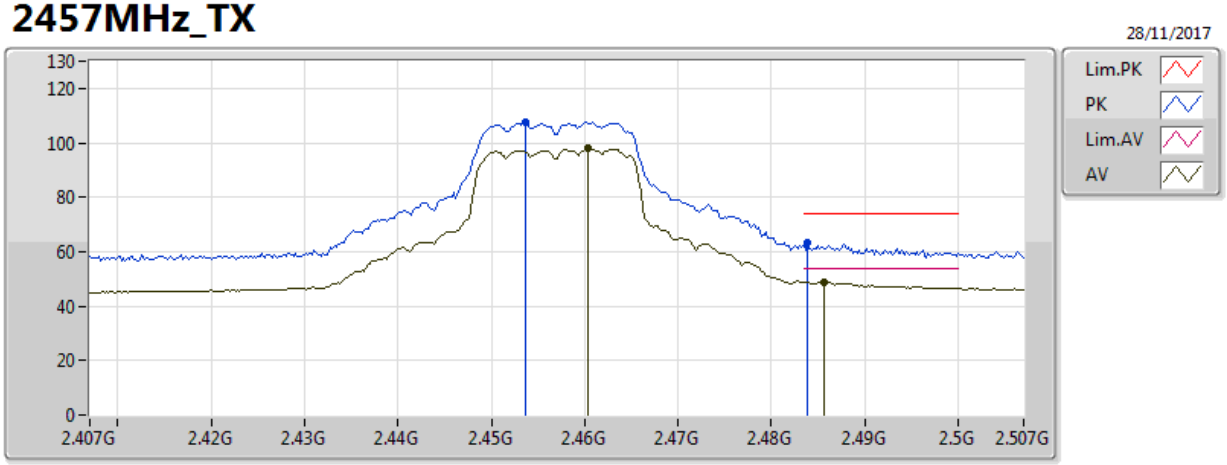
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4524G	103.29	Inf	-Inf	30.68	3	Vertical	0	1.04	-	72.61	27.38	3.30	-
AV	2.483502G	53.23	54.00	-0.77	30.79	3	Vertical	0	1.04	-	22.43	27.46	3.33	-
PK	2.4536G	113.44	Inf	-Inf	30.68	3	Vertical	0	1.04	-	82.76	27.38	3.30	-
PK	2.4848G	66.95	74.00	-7.05	30.80	3	Vertical	0	1.04	-	36.15	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

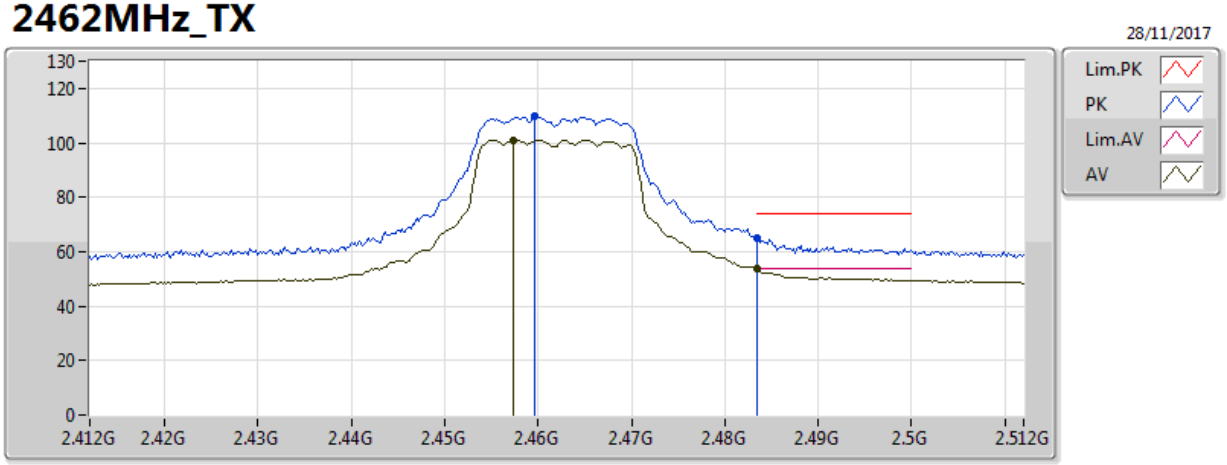
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4604G	97.98	Inf	-Inf	30.71	3	Horizontal	53	1.12	-	67.28	27.40	3.31	-
AV	2.4856G	48.76	54.00	-5.24	30.80	3	Horizontal	53	1.12	-	17.96	27.46	3.34	-
PK	2.4536G	107.71	Inf	-Inf	30.68	3	Horizontal	53	1.12	-	77.03	27.38	3.30	-
PK	2.4838G	63.48	74.00	-10.52	30.79	3	Horizontal	53	1.12	-	32.69	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

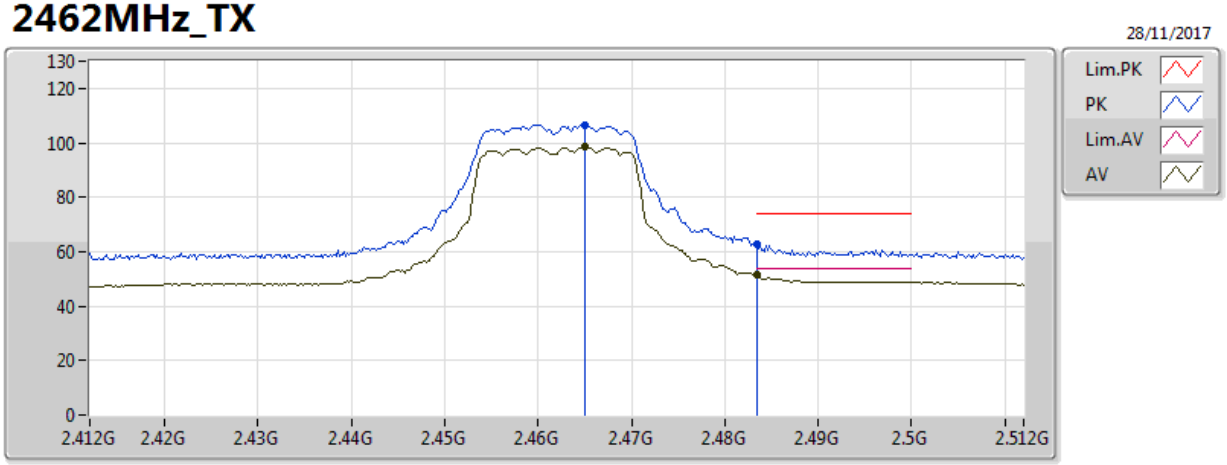
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4574G	101.04	Inf	-Inf	30.70	3	Vertical	359	1.03	-	70.34	27.39	3.31	-
AV	2.483502G	53.72	54.00	-0.28	30.79	3	Vertical	359	1.03	-	22.93	27.46	3.33	-
PK	2.4596G	109.57	Inf	-Inf	30.70	3	Vertical	359	1.03	-	78.86	27.39	3.31	-
PK	2.483502G	65.27	74.00	-8.73	30.79	3	Vertical	359	1.03	-	34.48	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

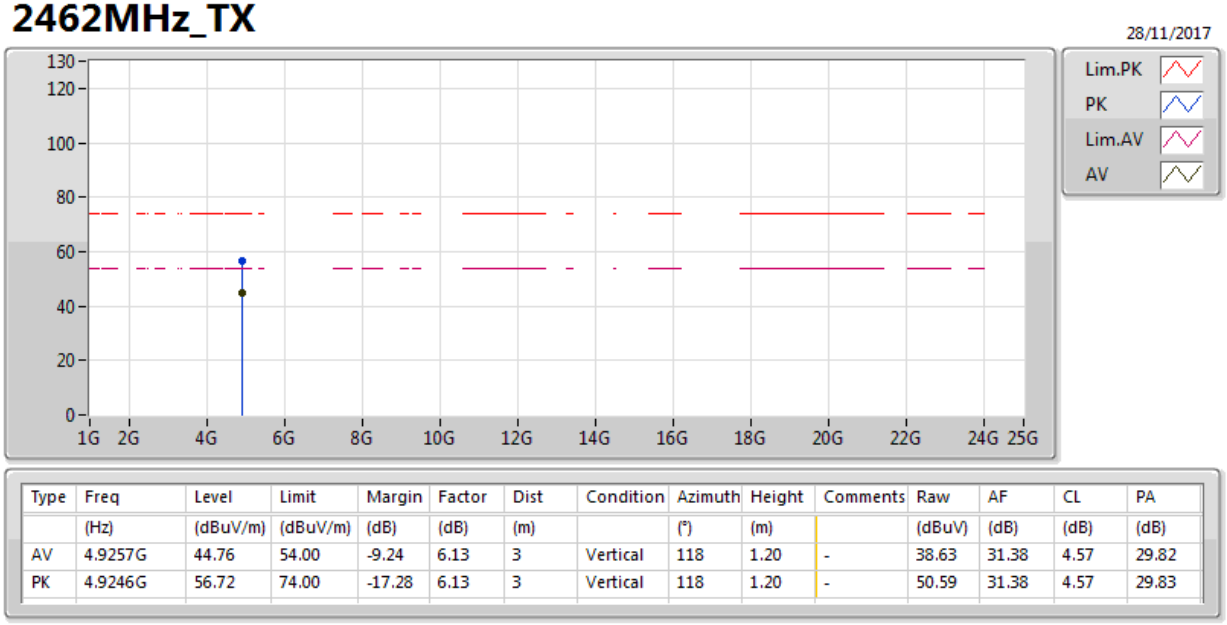
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.465G	98.42	Inf	-Inf	30.72	3	Horizontal	53	1.15	-	67.70	27.41	3.31	-
AV	2.483502G	51.40	54.00	-2.60	30.79	3	Horizontal	53	1.15	-	20.61	27.46	3.33	-
PK	2.465G	106.58	Inf	-Inf	30.72	3	Horizontal	53	1.15	-	75.86	27.41	3.31	-
PK	2.483502G	62.84	74.00	-11.16	30.79	3	Horizontal	53	1.15	-	32.05	27.46	3.33	-

802.11g_Nss1,(6Mbps)_2TX

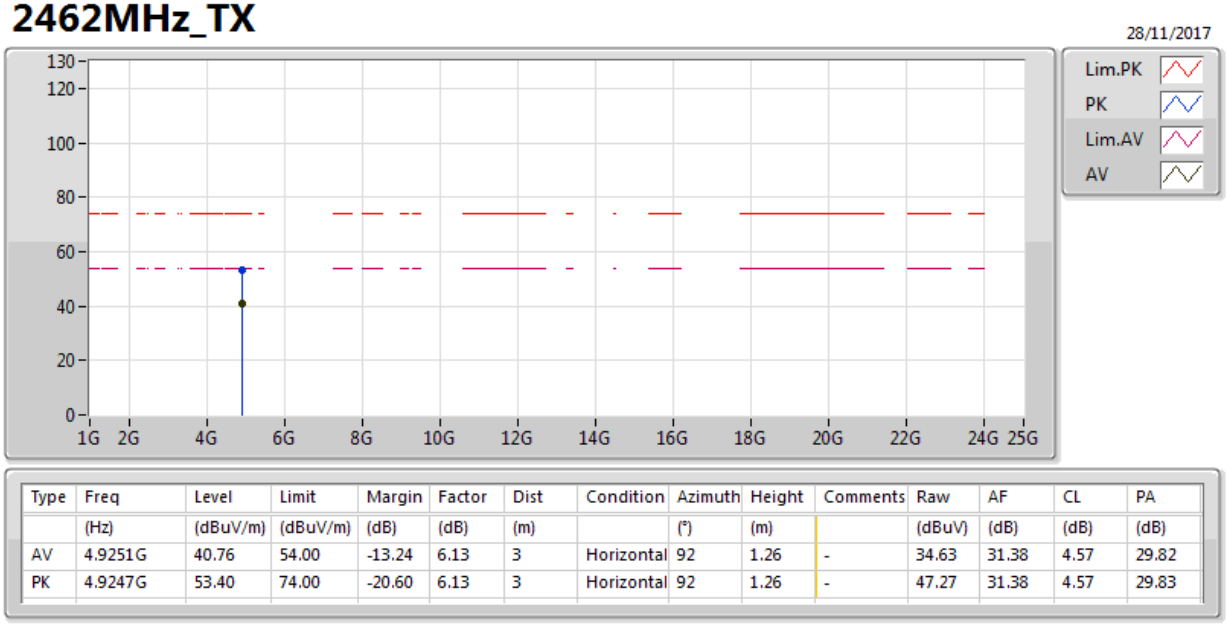
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.9257G	44.76	54.00	-9.24	6.13	3	Vertical	118	1.20	-	38.63	31.38	4.57	29.82
PK	4.9246G	56.72	74.00	-17.28	6.13	3	Vertical	118	1.20	-	50.59	31.38	4.57	29.83

802.11g_Nss1,(6Mbps)_2TX

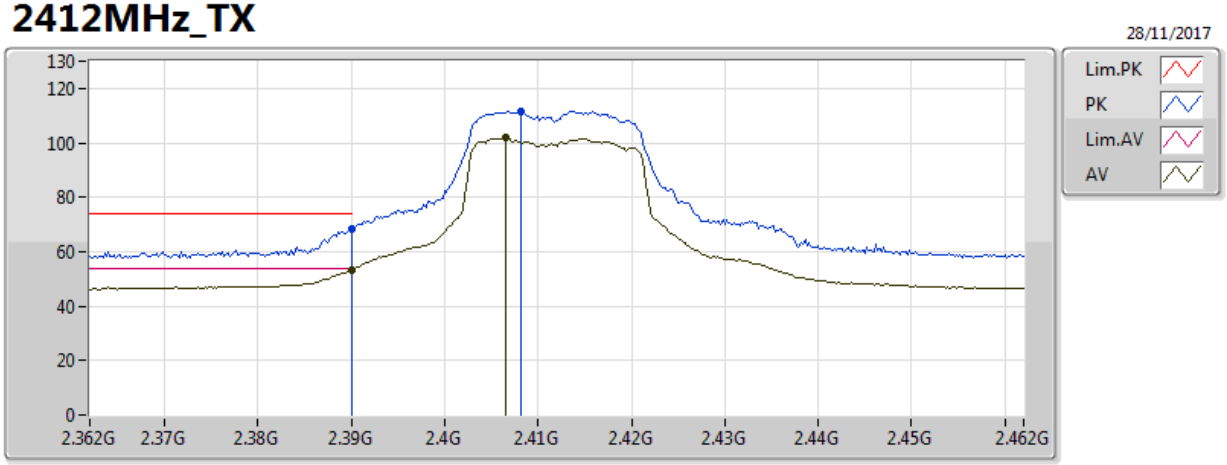
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.9251G	40.76	54.00	-13.24	6.13	3	Horizontal	92	1.26	-	34.63	31.38	4.57	29.82
PK	4.9247G	53.40	74.00	-20.60	6.13	3	Horizontal	92	1.26	-	47.27	31.38	4.57	29.83

802.11ac VHT20_Nss1,(MCS0)_2TX

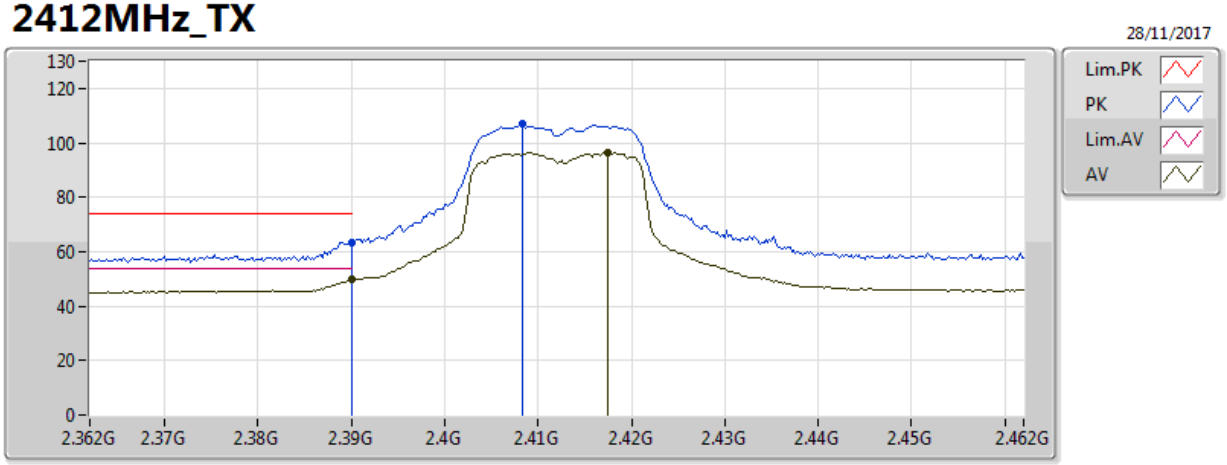
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.28	54.00	-0.72	30.45	3	Vertical	3	1.24	-	22.83	27.21	3.24	-
AV	2.4066G	101.84	Inf	-Inf	30.51	3	Vertical	3	1.24	-	71.32	27.26	3.26	-
PK	2.39G	68.62	74.00	-5.38	30.45	3	Vertical	3	1.24	-	38.16	27.21	3.24	-
PK	2.4082G	111.76	Inf	-Inf	30.52	3	Vertical	3	1.24	-	81.24	27.26	3.26	-

802.11ac VHT20_Nss1,(MCS0)_2TX

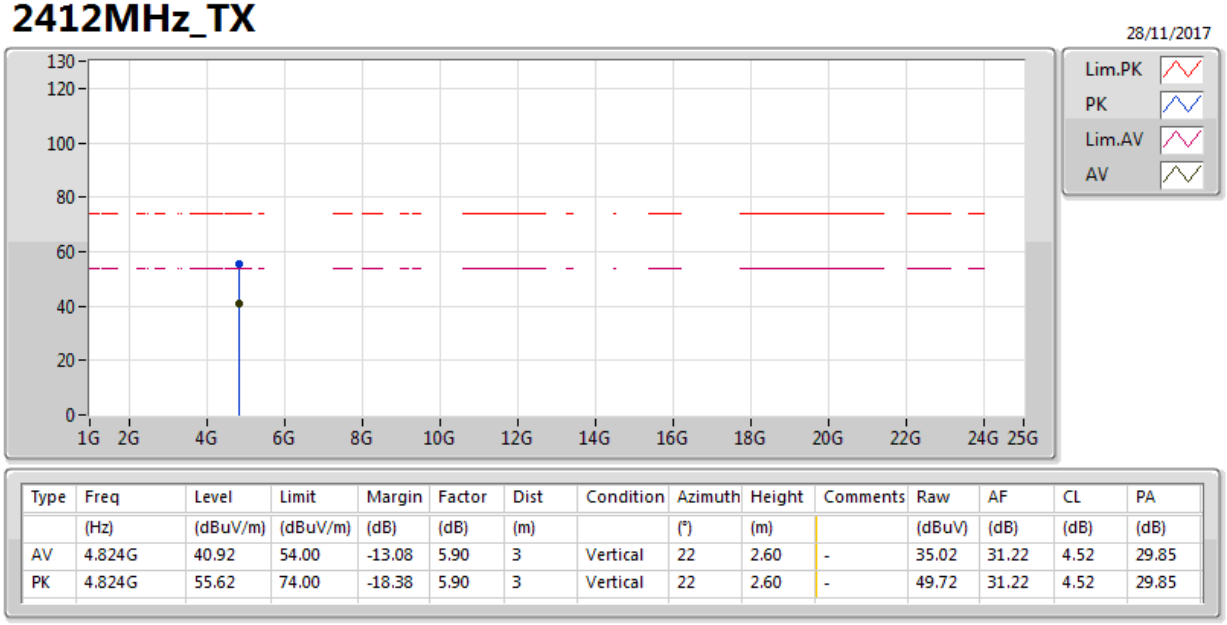
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.81	54.00	-4.19	30.45	3	Horizontal	95	1.22	-	19.35	27.21	3.24	-
AV	2.4174G	96.62	Inf	-Inf	30.55	3	Horizontal	95	1.22	-	66.07	27.29	3.27	-
PK	2.39G	63.43	74.00	-10.57	30.45	3	Horizontal	95	1.22	-	32.98	27.21	3.24	-
PK	2.4084G	106.93	Inf	-Inf	30.52	3	Horizontal	95	1.22	-	76.41	27.26	3.26	-

802.11ac VHT20_Nss1,(MCS0)_2TX

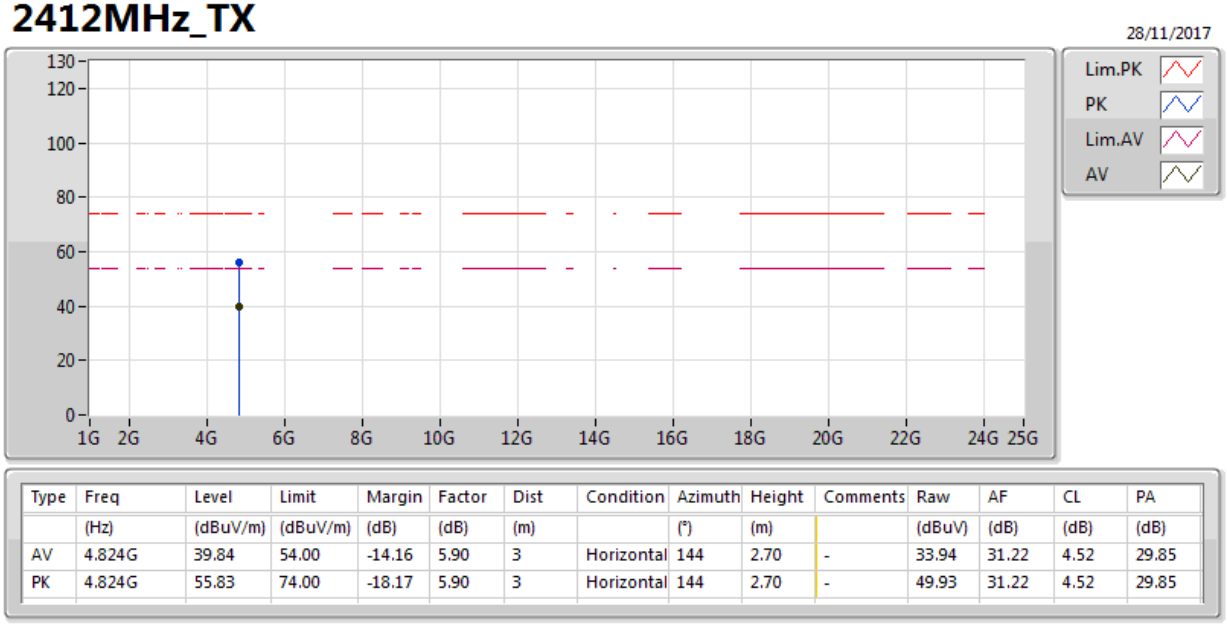
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	40.92	54.00	-13.08	5.90	3	Vertical	22	2.60	-	35.02	31.22	4.52	29.85
PK	4.824G	55.62	74.00	-18.38	5.90	3	Vertical	22	2.60	-	49.72	31.22	4.52	29.85

802.11ac VHT20_Nss1,(MCS0)_2TX

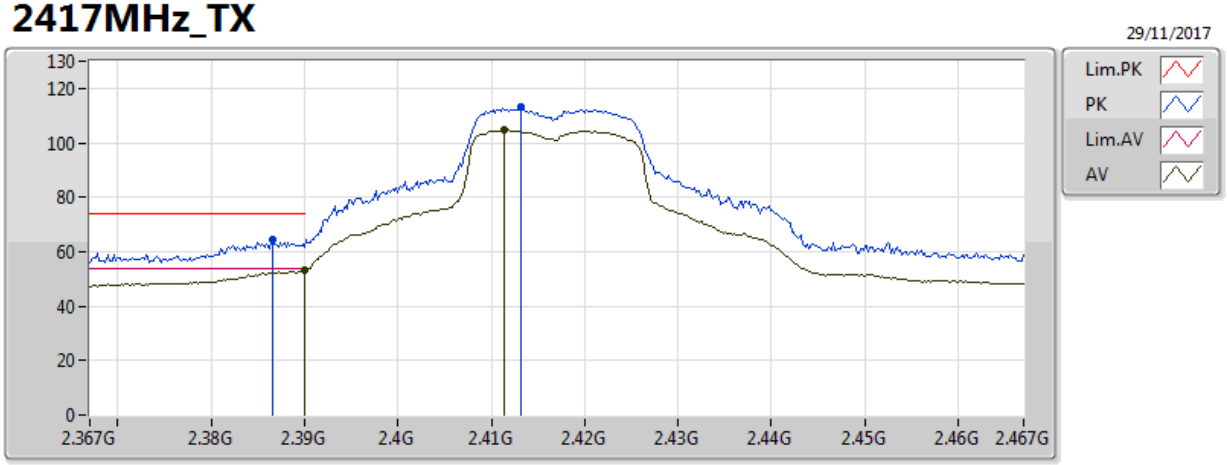
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	39.84	54.00	-14.16	5.90	3	Horizontal	144	2.70	-	33.94	31.22	4.52	29.85
PK	4.824G	55.83	74.00	-18.17	5.90	3	Horizontal	144	2.70	-	49.93	31.22	4.52	29.85

802.11ac VHT20_Nss1,(MCS0)_2TX

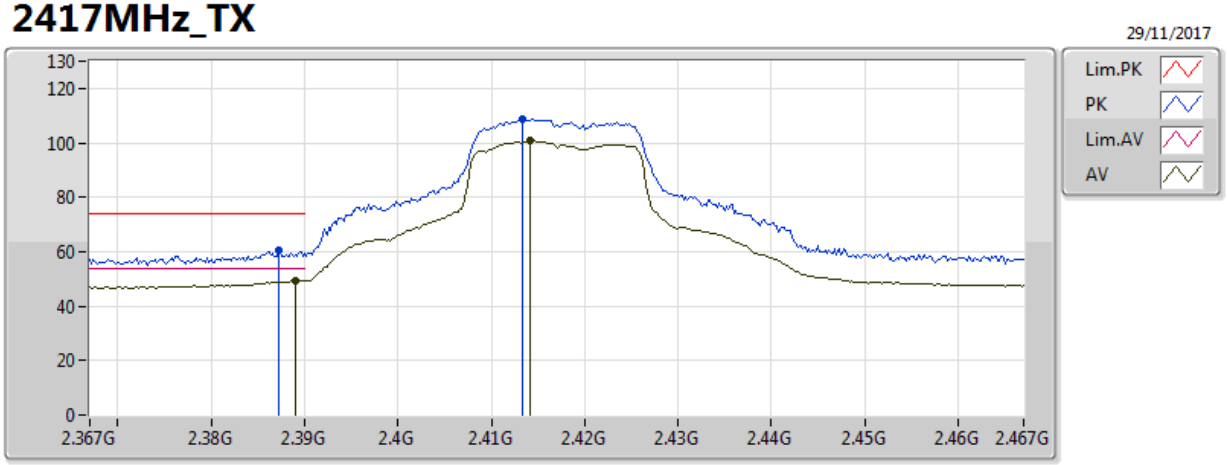
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.09	54.00	-0.91	30.45	3	Vertical	5	1.50	-	22.63	27.21	3.24	-
AV	2.4114G	104.69	Inf	-Inf	30.53	3	Vertical	5	1.50	-	74.16	27.27	3.26	-
PK	2.3866G	64.16	74.00	-9.84	30.44	3	Vertical	5	1.50	-	33.72	27.21	3.24	-
PK	2.4132G	113.25	Inf	-Inf	30.54	3	Vertical	5	1.50	-	82.71	27.27	3.26	-

802.11ac VHT20_Nss1,(MCS0)_2TX

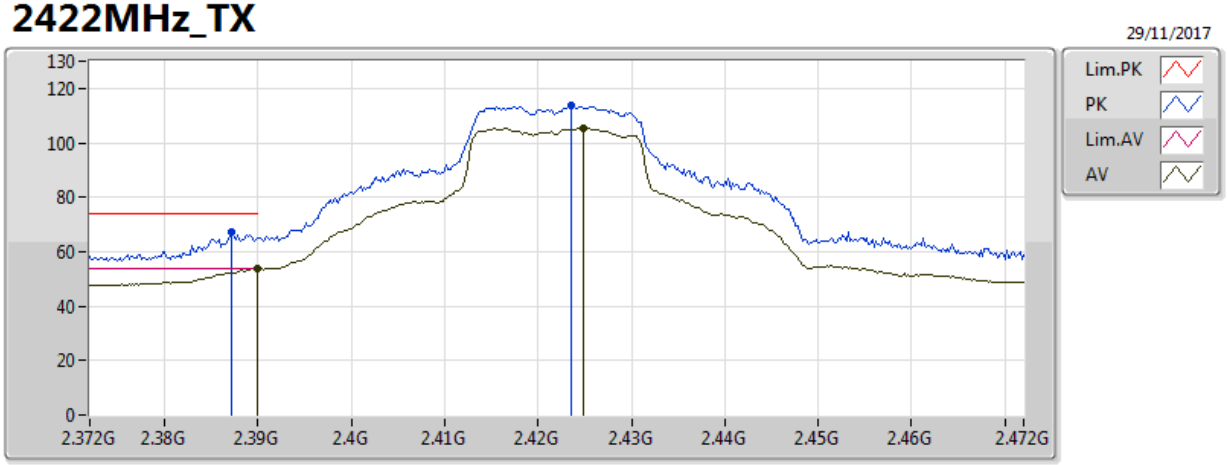
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	49.42	54.00	-4.58	30.45	3	Horizontal	29	2.57	-	18.97	27.21	3.24	-
AV	2.4142G	100.83	Inf	-Inf	30.54	3	Horizontal	29	2.57	-	70.29	27.28	3.26	-
PK	2.3872G	60.30	74.00	-13.70	30.45	3	Horizontal	29	2.57	-	29.85	27.21	3.24	-
PK	2.4134G	108.96	Inf	-Inf	30.54	3	Horizontal	29	2.57	-	78.42	27.27	3.26	-

802.11ac VHT20_Nss1,(MCS0)_2TX

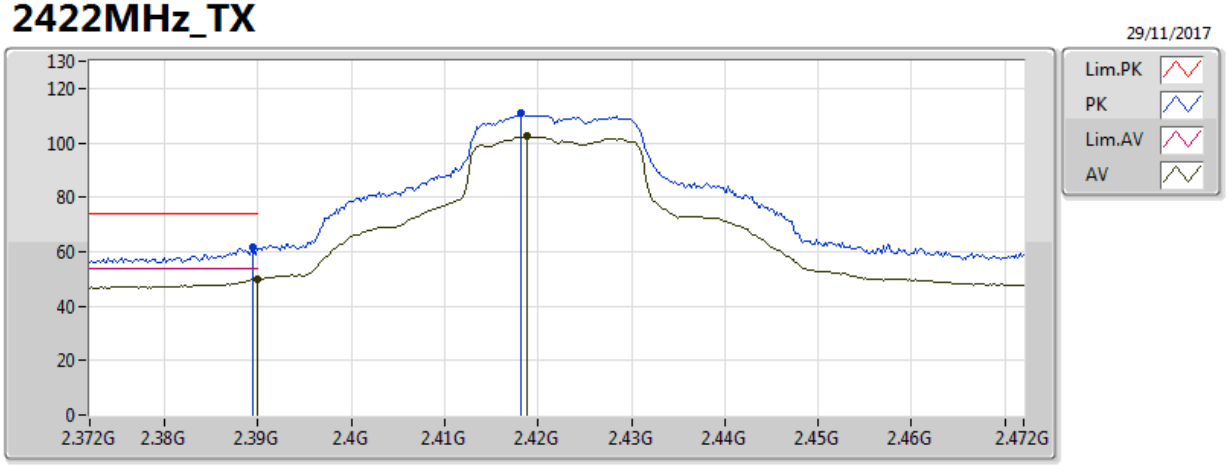
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.59	54.00	-0.41	30.45	3	Vertical	0	1.50	-	23.14	27.21	3.24	-
AV	2.4248G	105.38	Inf	-Inf	30.58	3	Vertical	0	1.50	-	74.80	27.30	3.27	-
PK	2.3872G	67.23	74.00	-6.77	30.45	3	Vertical	0	1.50	-	36.79	27.21	3.24	-
PK	2.4236G	113.78	Inf	-Inf	30.57	3	Vertical	0	1.50	-	83.20	27.30	3.27	-

802.11ac VHT20_Nss1,(MCS0)_2TX

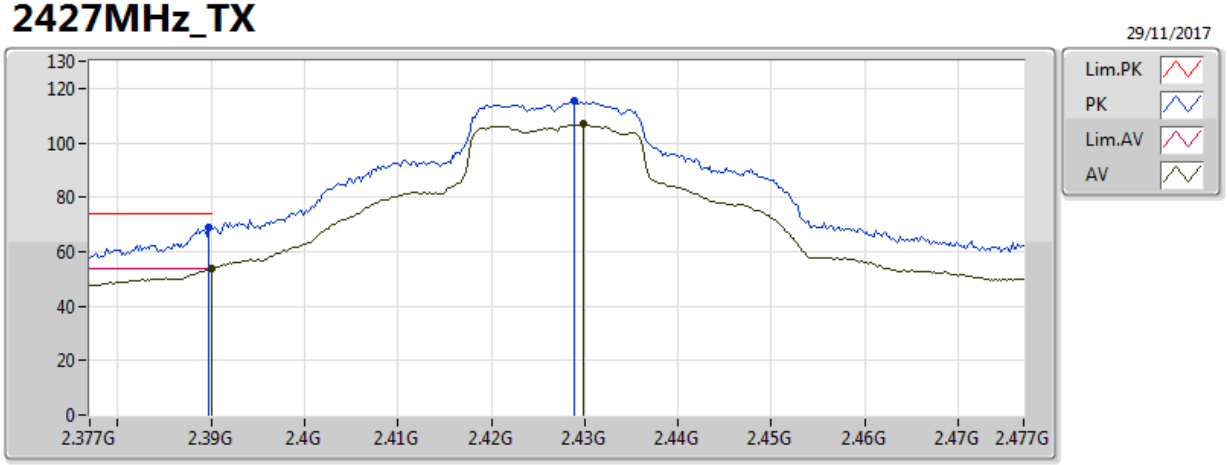
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.63	54.00	-4.37	30.45	3	Horizontal	34	2.05	-	19.18	27.21	3.24	-
AV	2.4188G	102.27	Inf	-Inf	30.56	3	Horizontal	34	2.05	-	71.72	27.29	3.27	-
PK	2.3894G	61.43	74.00	-12.57	30.45	3	Horizontal	34	2.05	-	30.98	27.21	3.24	-
PK	2.4182G	110.74	Inf	-Inf	30.56	3	Horizontal	34	2.05	-	80.19	27.29	3.27	-

802.11ac VHT20_Nss1,(MCS0)_2TX

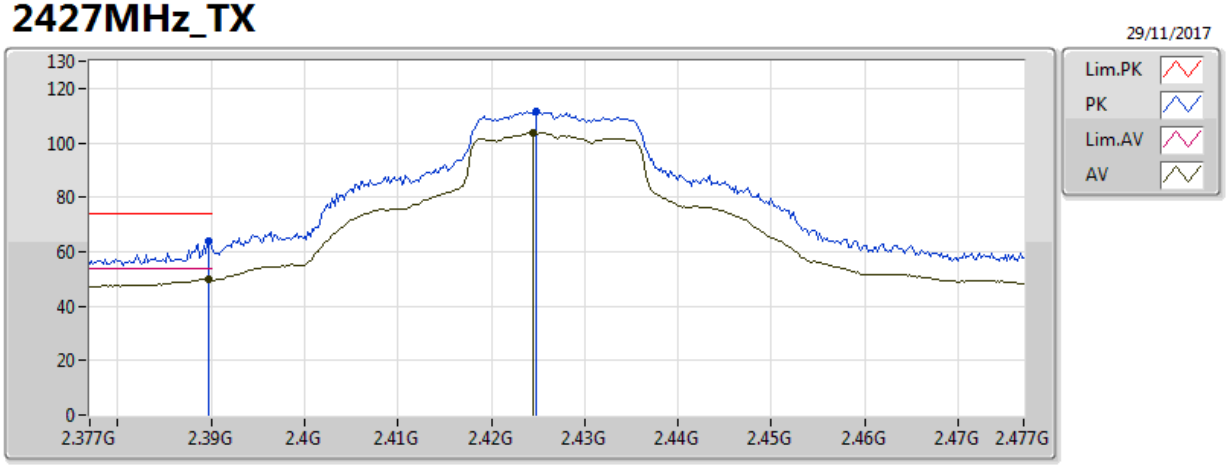
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.83	54.00	-0.17	30.45	3	Vertical	0	1.45	-	23.38	27.21	3.24	-
AV	2.4298G	106.83	Inf	-Inf	30.60	3	Vertical	0	1.45	-	76.24	27.32	3.28	-
PK	2.3898G	69.13	74.00	-4.87	30.45	3	Vertical	0	1.45	-	38.67	27.21	3.24	-
PK	2.4288G	115.26	Inf	-Inf	30.59	3	Vertical	0	1.45	-	84.67	27.31	3.28	-

802.11ac VHT20_Nss1,(MCS0)_2TX

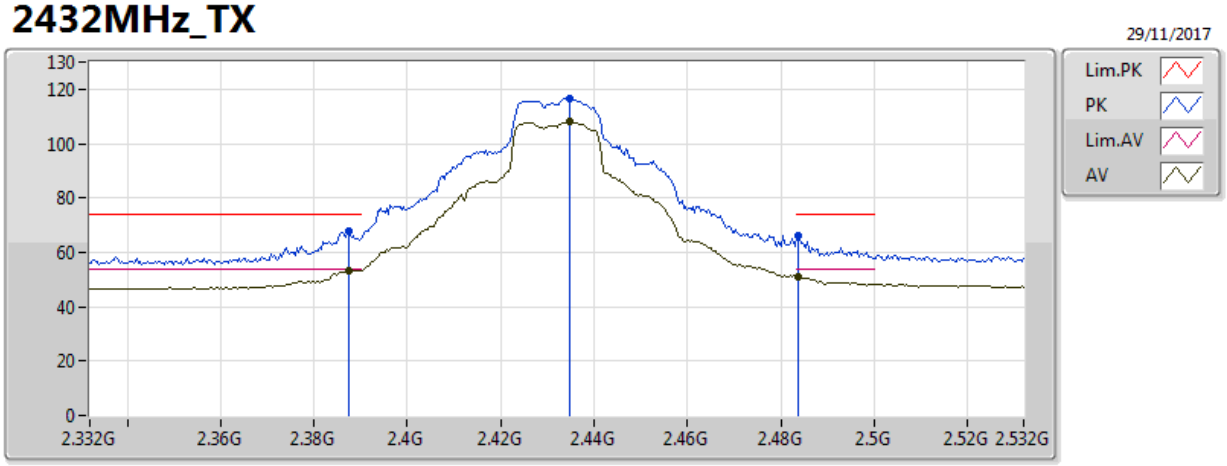
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.82	54.00	-4.18	30.45	3	Horizontal	39	2.69	-	19.36	27.21	3.24	-
AV	2.4244G	103.58	Inf	-Inf	30.58	3	Horizontal	39	2.69	-	73.01	27.30	3.27	-
PK	2.3898G	63.99	74.00	-10.01	30.45	3	Horizontal	39	2.69	-	33.54	27.21	3.24	-
PK	2.4248G	111.36	Inf	-Inf	30.58	3	Horizontal	39	2.69	-	80.78	27.30	3.27	-

802.11ac VHT20_Nss1,(MCS0)_2TX

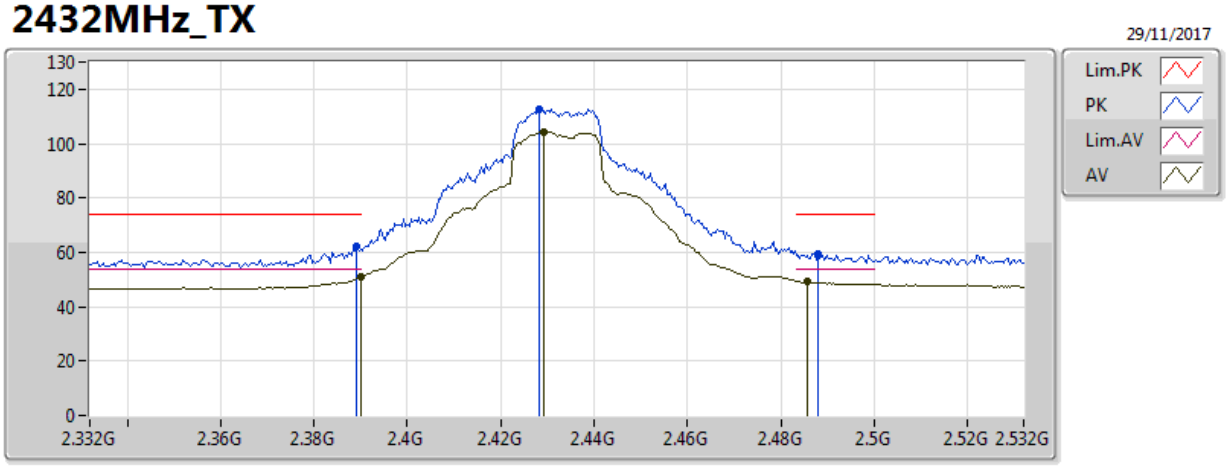
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4348G	108.07	Inf	-Inf	30.62	3	Vertical	321	1.42	-	77.46	27.33	3.28	-
AV	2.3876G	53.44	54.00	-0.56	30.45	3	Vertical	321	1.42	-	22.99	27.21	3.24	-
AV	2.4836G	51.18	54.00	-2.82	30.79	3	Vertical	321	1.42	-	20.39	27.46	3.33	-
PK	2.4348G	116.76	Inf	-Inf	30.62	3	Vertical	321	1.42	-	86.14	27.33	3.28	-
PK	2.3876G	67.57	74.00	-6.43	30.45	3	Vertical	321	1.42	-	37.12	27.21	3.24	-
PK	2.4836G	66.08	74.00	-7.92	30.79	3	Vertical	321	1.42	-	35.29	27.46	3.33	-

802.11ac VHT20_Nss1,(MCS0)_2TX

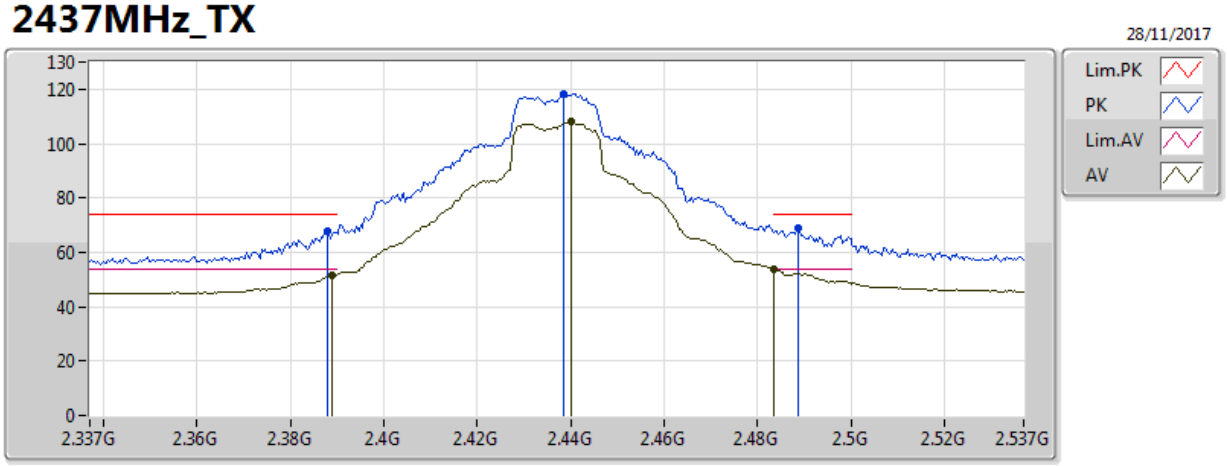
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.72	54.00	-3.28	30.45	3	Horizontal	28	2.38	-	20.26	27.21	3.24	-
AV	2.4292G	104.49	Inf	-Inf	30.60	3	Horizontal	28	2.38	-	73.89	27.32	3.28	-
AV	2.4856G	49.16	54.00	-4.84	30.80	3	Horizontal	28	2.38	-	18.36	27.46	3.34	-
PK	2.3892G	62.28	74.00	-11.72	30.45	3	Horizontal	28	2.38	-	31.83	27.21	3.24	-
PK	2.4284G	112.66	Inf	-Inf	30.59	3	Horizontal	28	2.38	-	82.07	27.31	3.28	-
PK	2.488G	59.36	74.00	-14.64	30.81	3	Horizontal	28	2.38	-	28.55	27.47	3.34	-

802.11ac VHT20_Nss1,(MCS0)_2TX

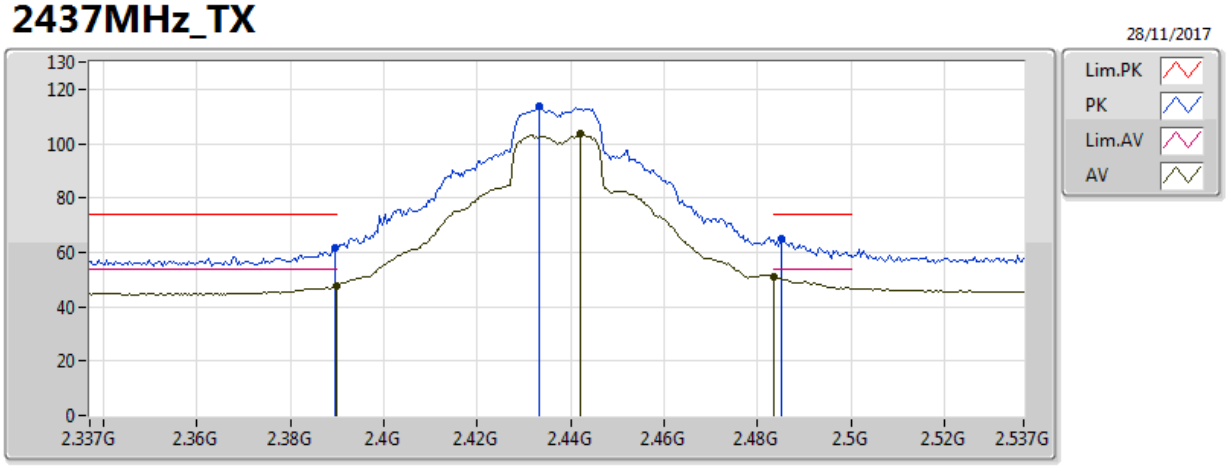
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	51.71	54.00	-2.29	30.45	3	Vertical	0	1.09	-	21.26	27.21	3.24	-
AV	2.4402G	108.04	Inf	-Inf	30.63	3	Vertical	0	1.09	-	77.41	27.34	3.29	-
AV	2.483502G	53.69	54.00	-0.31	30.79	3	Vertical	0	1.09	-	22.90	27.46	3.33	-
PK	2.3878G	67.79	74.00	-6.21	30.45	3	Vertical	0	1.09	-	37.34	27.21	3.24	-
PK	2.4386G	118.13	Inf	-Inf	30.63	3	Vertical	0	1.09	-	87.50	27.34	3.29	-
PK	2.4886G	68.71	74.00	-5.29	30.81	3	Vertical	0	1.09	-	37.90	27.47	3.34	-

802.11ac VHT20_Nss1,(MCS0)_2TX

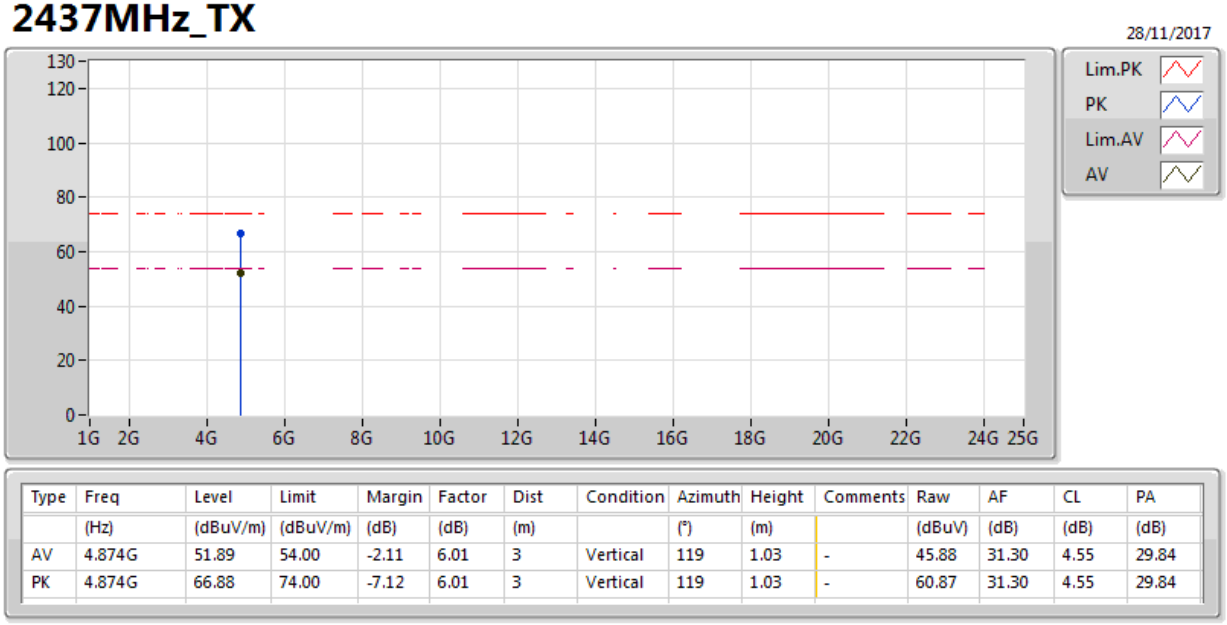
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	47.62	54.00	-6.38	30.45	3	Horizontal	93	2.75	-	17.16	27.21	3.24	-
AV	2.4422G	103.40	Inf	-Inf	30.64	3	Horizontal	93	2.75	-	72.76	27.35	3.29	-
AV	2.483502G	51.18	54.00	-2.82	30.79	3	Horizontal	93	2.75	-	20.39	27.46	3.33	-
PK	2.3894G	61.65	74.00	-12.35	30.45	3	Horizontal	93	2.75	-	31.20	27.21	3.24	-
PK	2.4334G	113.55	Inf	-Inf	30.61	3	Horizontal	93	2.75	-	82.94	27.33	3.28	-
PK	2.485G	65.14	74.00	-8.86	30.80	3	Horizontal	93	2.75	-	34.34	27.46	3.33	-

802.11ac VHT20_Nss1,(MCS0)_2TX

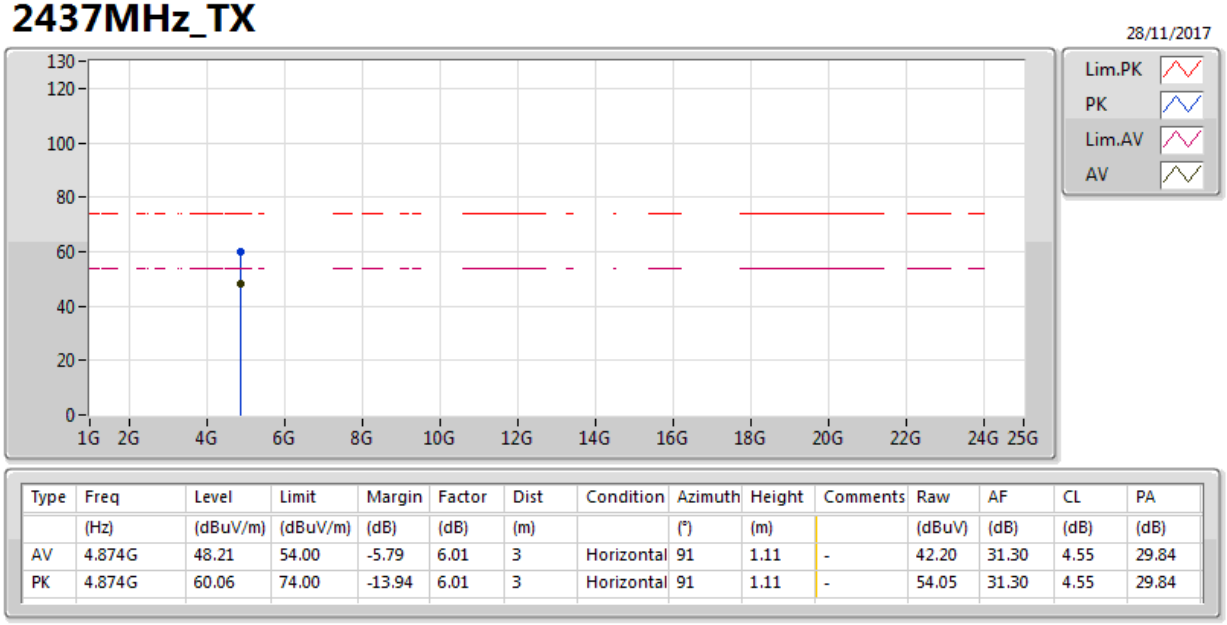
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	51.89	54.00	-2.11	6.01	3	Vertical	119	1.03	-	45.88	31.30	4.55	29.84
PK	4.874G	66.88	74.00	-7.12	6.01	3	Vertical	119	1.03	-	60.87	31.30	4.55	29.84

802.11ac VHT20_Nss1,(MCS0)_2TX

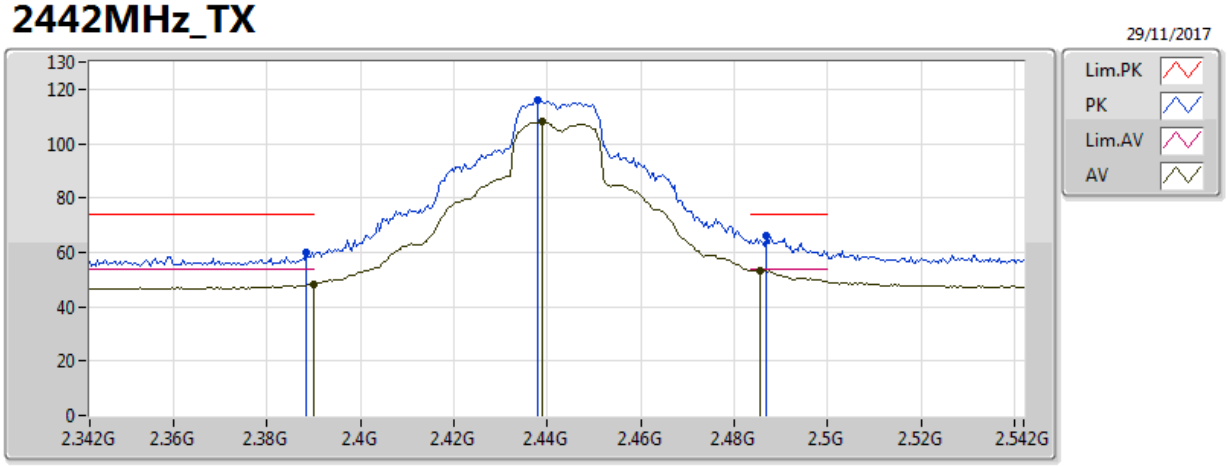
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	48.21	54.00	-5.79	6.01	3	Horizontal	91	1.11	-	42.20	31.30	4.55	29.84
PK	4.874G	60.06	74.00	-13.94	6.01	3	Horizontal	91	1.11	-	54.05	31.30	4.55	29.84

802.11ac VHT20_Nss1,(MCS0)_2TX

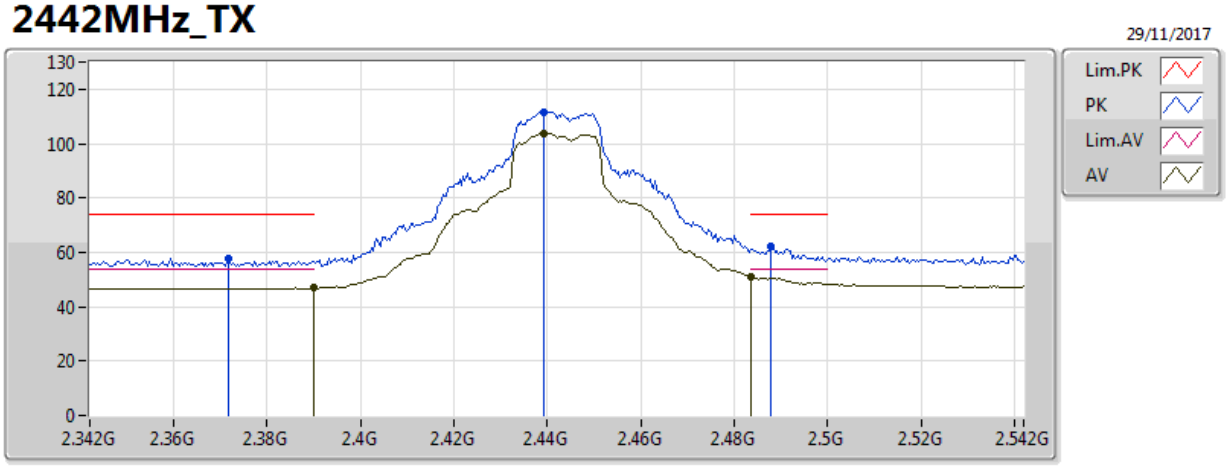
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.39	54.00	-5.61	30.45	3	Vertical	17	1.07	-	17.93	27.21	3.24	-
AV	2.4388G	107.91	Inf	-Inf	30.63	3	Vertical	17	1.07	-	77.28	27.34	3.29	-
AV	2.4856G	53.41	54.00	-0.59	30.80	3	Vertical	17	1.07	-	22.61	27.46	3.34	-
PK	2.3884G	60.15	74.00	-13.85	30.45	3	Vertical	17	1.07	-	29.70	27.21	3.24	-
PK	2.438G	115.95	Inf	-Inf	30.63	3	Vertical	17	1.07	-	85.32	27.34	3.29	-
PK	2.4868G	66.24	74.00	-7.76	30.80	3	Vertical	17	1.07	-	35.44	27.47	3.34	-

802.11ac VHT20_Nss1,(MCS0)_2TX

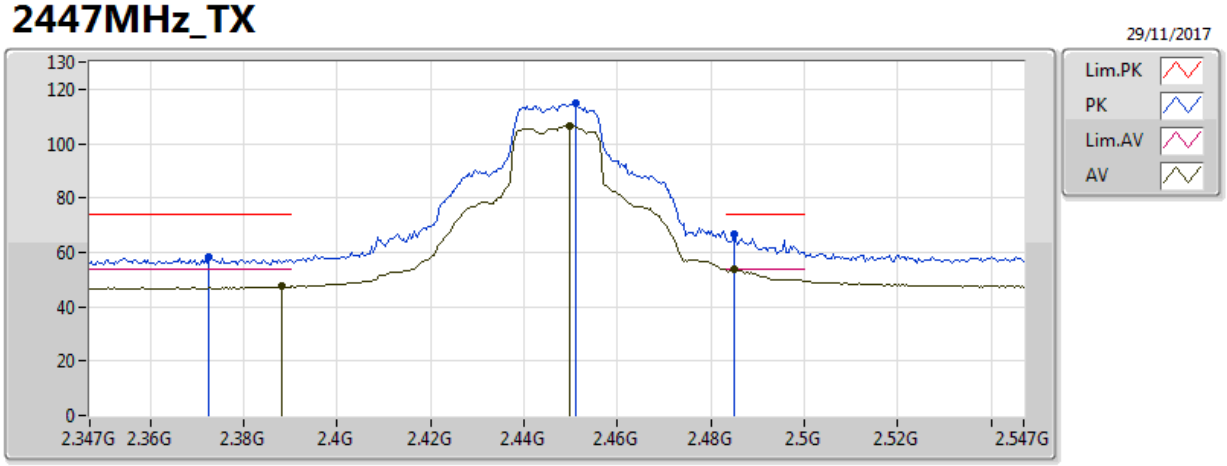
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	46.94	54.00	-7.06	30.45	3	Horizontal	34	2.00	-	16.48	27.21	3.24	-
AV	2.4392G	103.85	Inf	-Inf	30.63	3	Horizontal	34	2.00	-	73.21	27.34	3.29	-
AV	2.4836G	51.18	54.00	-2.82	30.79	3	Horizontal	34	2.00	-	20.39	27.46	3.33	-
PK	2.3716G	57.77	74.00	-16.23	30.39	3	Horizontal	34	2.00	-	27.38	27.17	3.22	-
PK	2.4392G	111.77	Inf	-Inf	30.63	3	Horizontal	34	2.00	-	81.14	27.34	3.29	-
PK	2.488G	61.96	74.00	-12.04	30.81	3	Horizontal	34	2.00	-	31.15	27.47	3.34	-

802.11ac VHT20_Nss1,(MCS0)_2TX

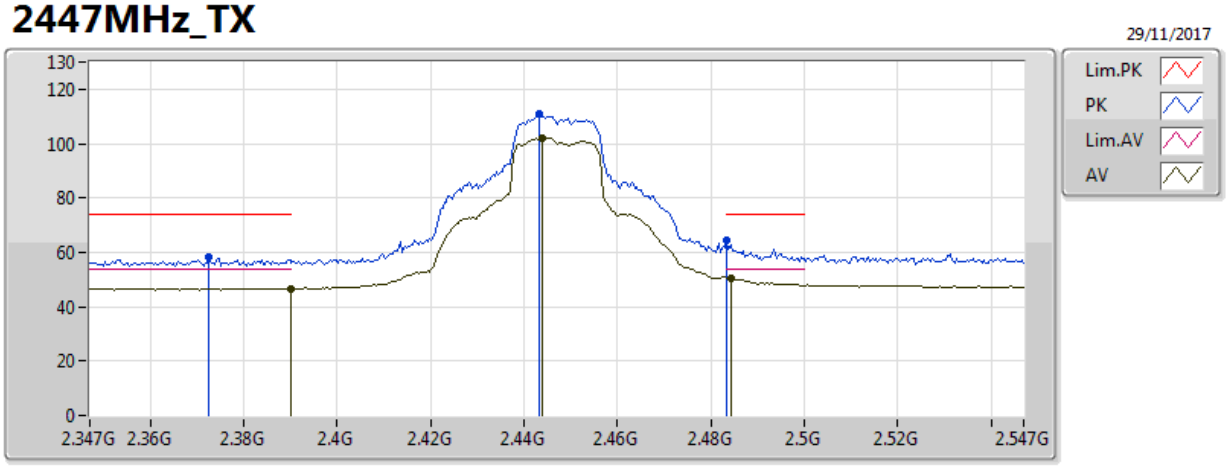
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4498G	106.63	Inf	-Inf	30.67	3	Vertical	360	1.30	-	75.96	27.37	3.30	-
AV	2.3882G	47.42	54.00	-6.58	30.45	3	Vertical	360	1.30	-	16.98	27.21	3.24	-
AV	2.485G	53.68	54.00	-0.32	30.80	3	Vertical	360	1.30	-	22.89	27.46	3.33	-
PK	2.451G	114.69	Inf	-Inf	30.67	3	Vertical	360	1.30	-	84.01	27.37	3.30	-
PK	2.3726G	58.46	74.00	-15.54	30.39	3	Vertical	360	1.30	-	28.07	27.17	3.23	-
PK	2.485G	66.83	74.00	-7.17	30.80	3	Vertical	360	1.30	-	36.03	27.46	3.33	-

802.11ac VHT20_Nss1,(MCS0)_2TX

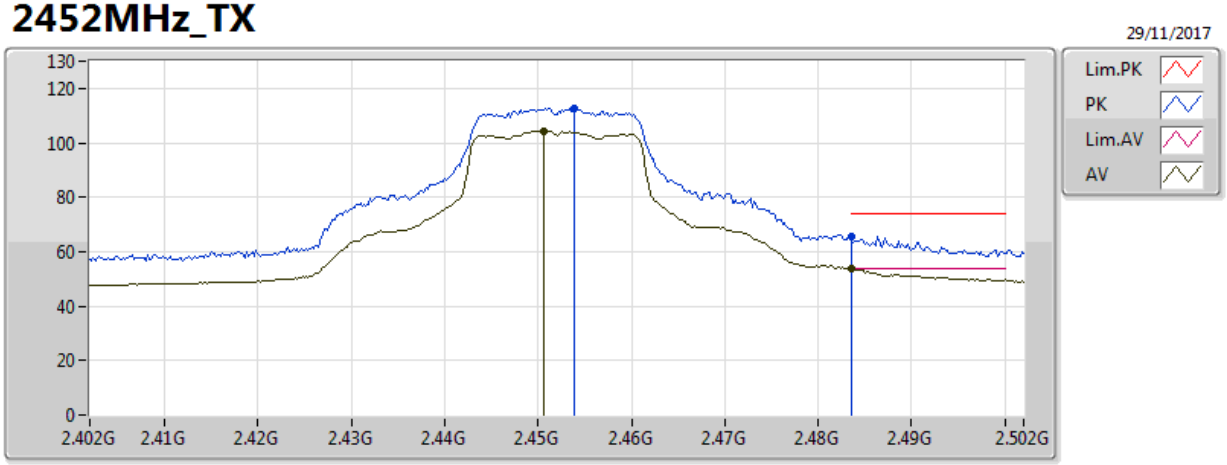
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	46.67	54.00	-7.33	30.45	3	Horizontal	31	2.37	-	16.21	27.21	3.24	-
AV	2.4438G	102.25	Inf	-Inf	30.65	3	Horizontal	31	2.37	-	71.60	27.35	3.29	-
AV	2.4842G	50.43	54.00	-3.57	30.79	3	Horizontal	31	2.37	-	19.63	27.46	3.33	-
PK	2.3726G	58.06	74.00	-15.94	30.39	3	Horizontal	31	2.37	-	27.66	27.17	3.23	-
PK	2.4434G	110.82	Inf	-Inf	30.65	3	Horizontal	31	2.37	-	80.17	27.35	3.29	-
PK	2.483502G	64.18	74.00	-9.82	30.79	3	Horizontal	31	2.37	-	33.39	27.46	3.33	-

802.11ac VHT20_Nss1,(MCS0)_2TX

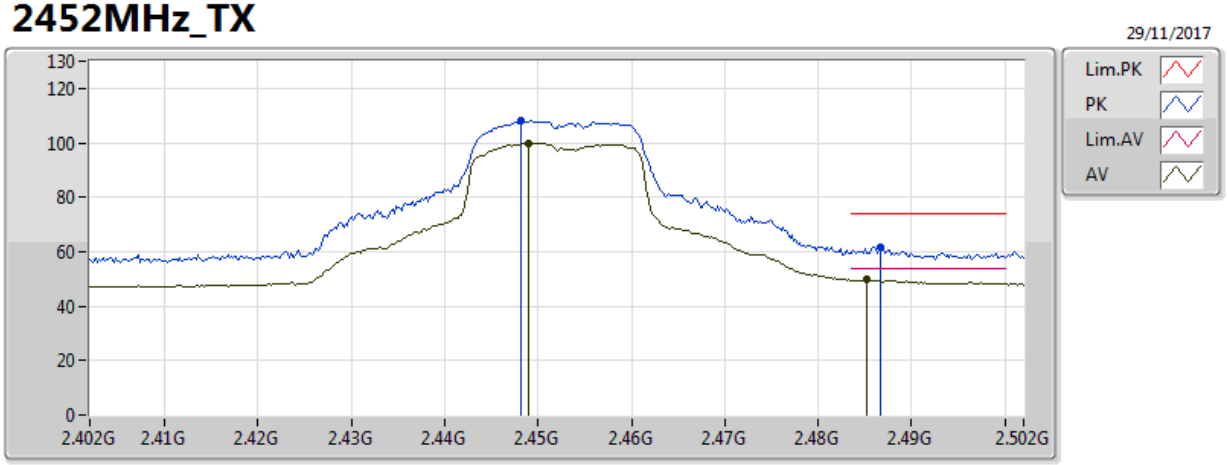
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4506G	104.27	Inf	-Inf	30.67	3	Vertical	352	1.31	-	73.60	27.37	3.30	-
AV	2.483502G	53.81	54.00	-0.19	30.79	3	Vertical	352	1.31	-	23.02	27.46	3.33	-
PK	2.4538G	112.80	Inf	-Inf	30.68	3	Vertical	352	1.31	-	82.11	27.38	3.30	-
PK	2.483502G	65.53	74.00	-8.47	30.79	3	Vertical	352	1.31	-	34.74	27.46	3.33	-

802.11ac VHT20_Nss1,(MCS0)_2TX

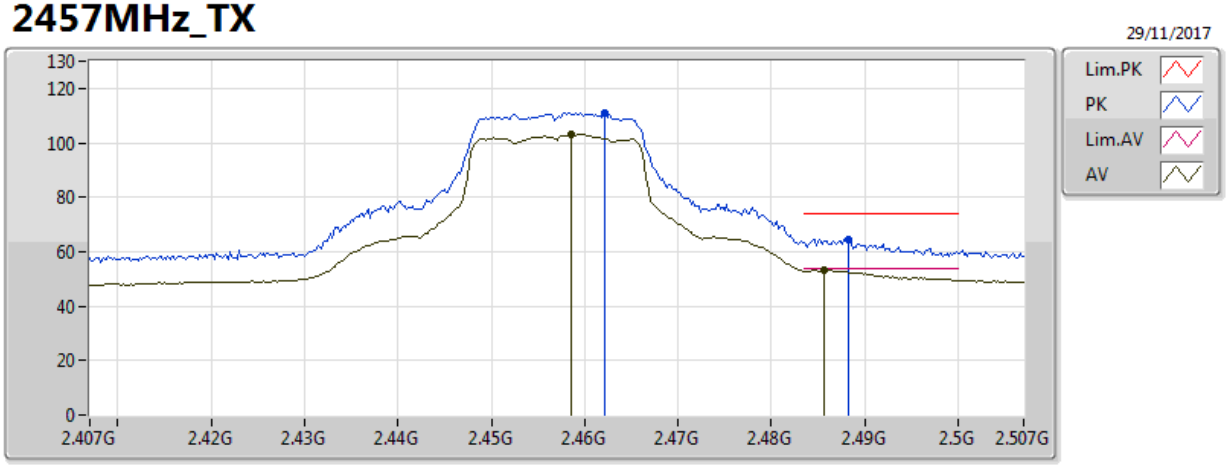
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.449G	100.00	Inf	-Inf	30.67	3	Horizontal	28	3.19	-	69.33	27.37	3.30	-
AV	2.4852G	49.60	54.00	-4.40	30.80	3	Horizontal	28	3.19	-	18.81	27.46	3.34	-
PK	2.4482G	108.38	Inf	-Inf	30.66	3	Horizontal	28	3.19	-	77.72	27.37	3.30	-
PK	2.4866G	61.85	74.00	-12.15	30.80	3	Horizontal	28	3.19	-	31.05	27.47	3.34	-

802.11ac VHT20_Nss1,(MCS0)_2TX

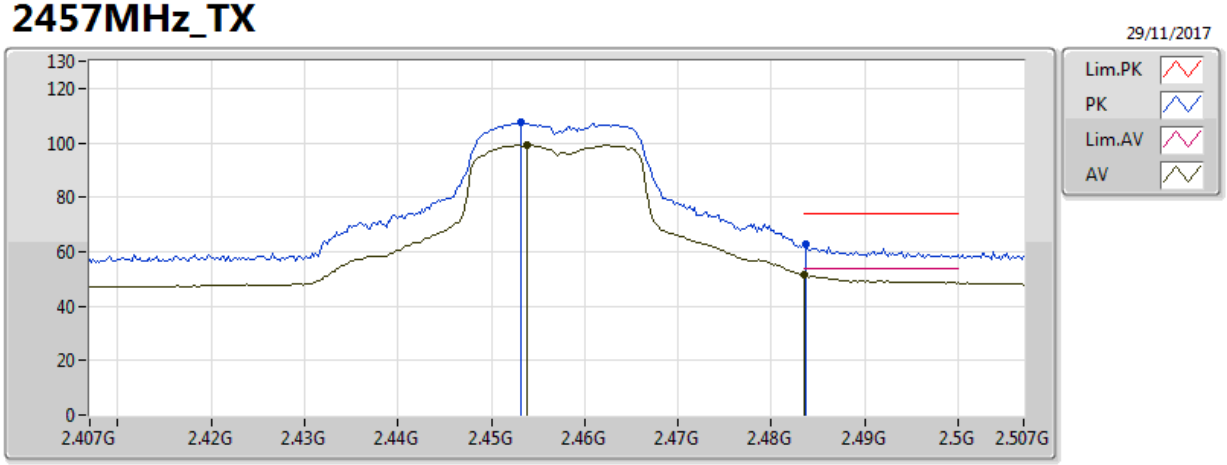
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4586G	102.91	Inf	-Inf	30.70	3	Vertical	357	1.18	-	72.21	27.39	3.31	-
AV	2.4856G	53.27	54.00	-0.73	30.80	3	Vertical	357	1.18	-	22.47	27.46	3.34	-
PK	2.4622G	110.96	Inf	-Inf	30.71	3	Vertical	357	1.18	-	80.25	27.40	3.31	-
PK	2.4882G	64.57	74.00	-9.43	30.81	3	Vertical	357	1.18	-	33.76	27.47	3.34	-

802.11ac VHT20_Nss1,(MCS0)_2TX

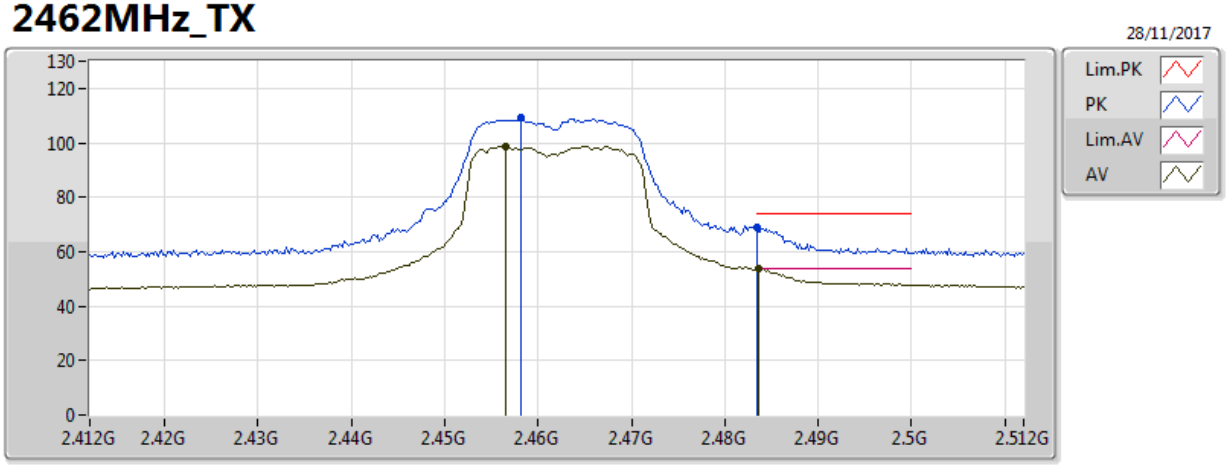
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4538G	99.18	Inf	-Inf	30.68	3	Horizontal	26	3.19	-	68.50	27.38	3.30	-
AV	2.483502G	51.36	54.00	-2.64	30.79	3	Horizontal	26	3.19	-	20.57	27.46	3.33	-
PK	2.4532G	107.77	Inf	-Inf	30.68	3	Horizontal	26	3.19	-	77.09	27.38	3.30	-
PK	2.4836G	62.84	74.00	-11.16	30.79	3	Horizontal	26	3.19	-	32.05	27.46	3.33	-

802.11ac VHT20_Nss1,(MCS0)_2TX

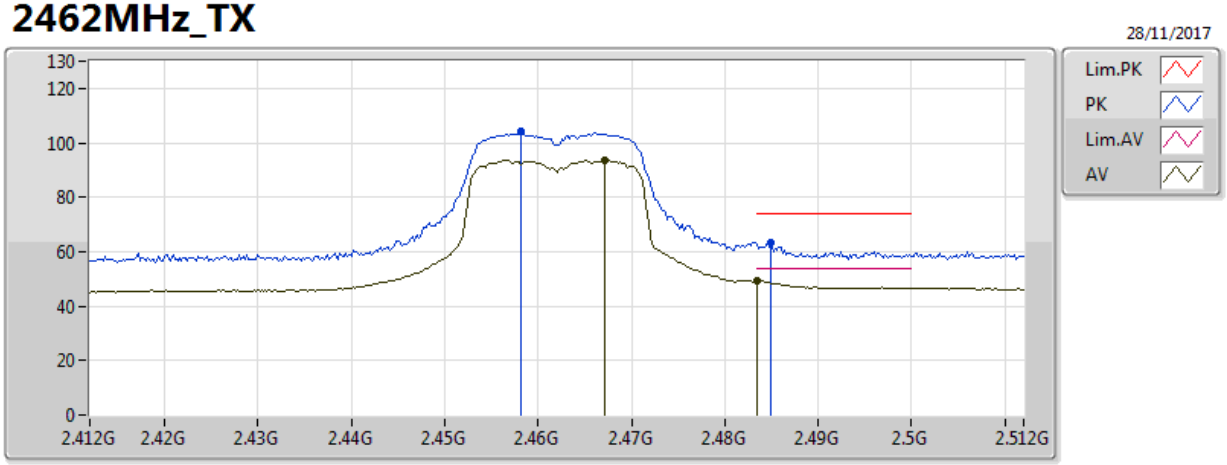
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4566G	98.83	Inf	-Inf	30.69	3	Vertical	6	1.04	-	68.13	27.39	3.31	-
AV	2.4836G	53.56	54.00	-0.44	30.79	3	Vertical	6	1.04	-	22.77	27.46	3.33	-
PK	2.4582G	109.20	Inf	-Inf	30.70	3	Vertical	6	1.04	-	78.50	27.39	3.31	-
PK	2.483502G	69.10	74.00	-4.90	30.79	3	Vertical	6	1.04	-	38.31	27.46	3.33	-

802.11ac VHT20_Nss1,(MCS0)_2TX

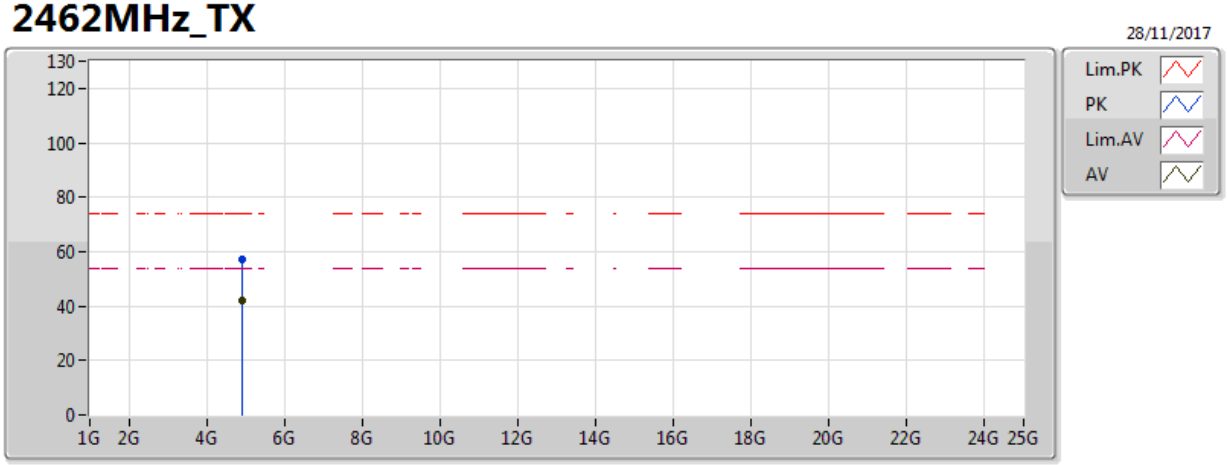
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4672G	93.65	Inf	-Inf	30.73	3	Horizontal	53	1.49	-	62.92	27.41	3.32	-
AV	2.483502G	49.23	54.00	-4.77	30.79	3	Horizontal	53	1.49	-	18.44	27.46	3.33	-
PK	2.4582G	103.98	Inf	-Inf	30.70	3	Horizontal	53	1.49	-	73.28	27.39	3.31	-
PK	2.485G	63.18	74.00	-10.82	30.80	3	Horizontal	53	1.49	-	32.38	27.46	3.33	-

802.11ac VHT20_Nss1,(MCS0)_2TX

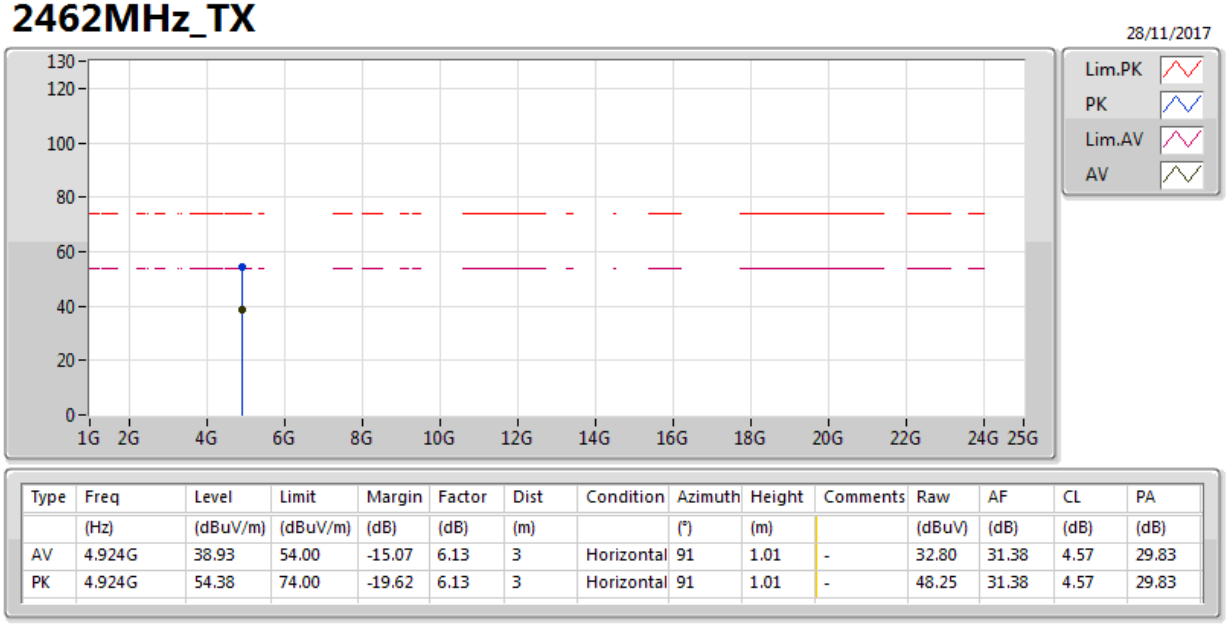
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	42.22	54.00	-11.78	6.13	3	Vertical	119	1.06	-	36.09	31.38	4.57	29.83
PK	4.924G	57.41	74.00	-16.59	6.13	3	Vertical	119	1.06	-	51.28	31.38	4.57	29.83

802.11ac VHT20_Nss1,(MCS0)_2TX

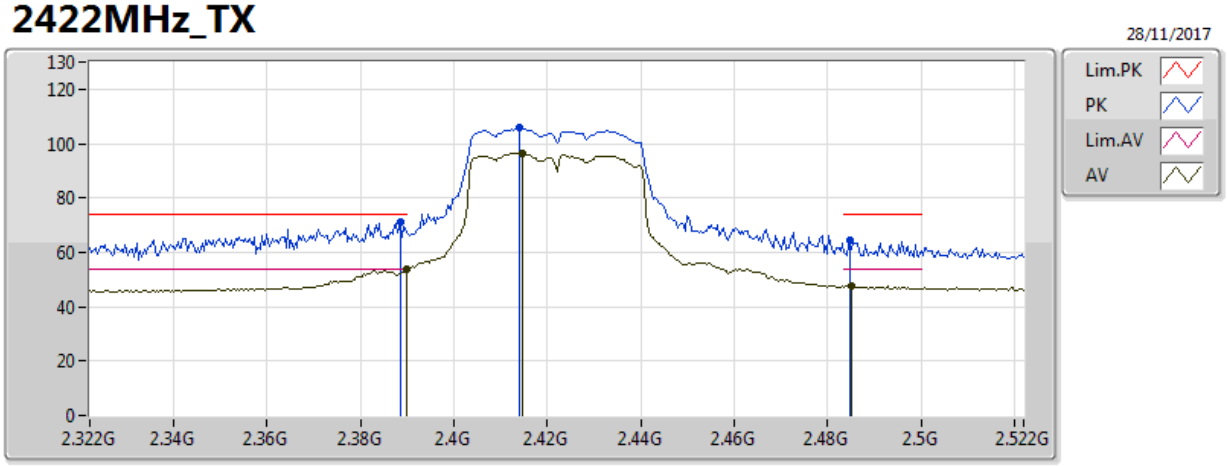
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	38.93	54.00	-15.07	6.13	3	Horizontal	91	1.01	-	32.80	31.38	4.57	29.83
PK	4.924G	54.38	74.00	-19.62	6.13	3	Horizontal	91	1.01	-	48.25	31.38	4.57	29.83

802.11ac VHT40_Nss1,(MCS0)_2TX

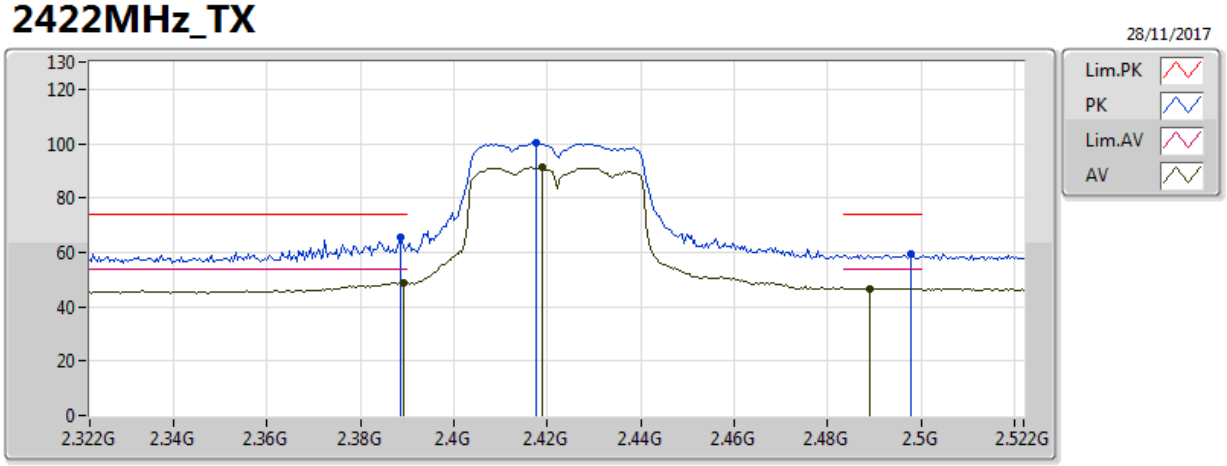
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.78	54.00	-0.22	30.45	3	Vertical	357	1.20	-	23.32	27.21	3.24	-
AV	2.4148G	96.49	Inf	-Inf	30.54	3	Vertical	357	1.20	-	65.94	27.28	3.26	-
AV	2.4852G	47.55	54.00	-6.45	30.80	3	Vertical	357	1.20	-	16.75	27.46	3.34	-
PK	2.3884G	71.05	74.00	-2.95	30.45	3	Vertical	357	1.20	-	40.60	27.21	3.24	-
PK	2.414G	105.64	Inf	-Inf	30.54	3	Vertical	357	1.20	-	75.10	27.28	3.26	-
PK	2.4848G	64.39	74.00	-9.61	30.80	3	Vertical	357	1.20	-	33.59	27.46	3.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

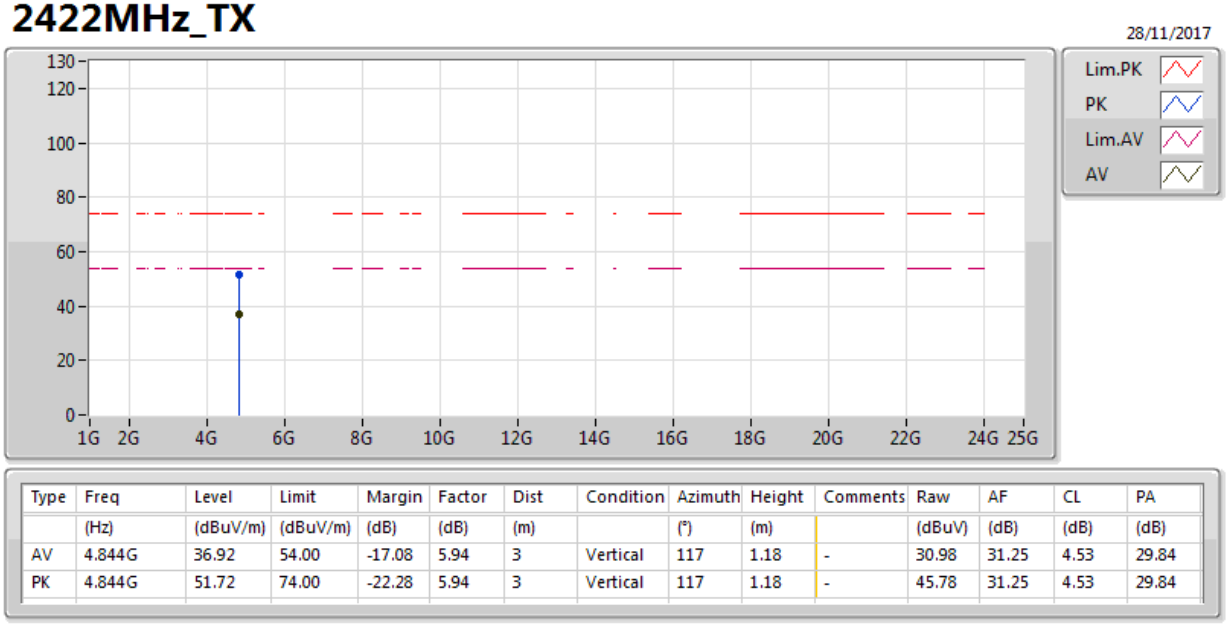
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	48.79	54.00	-5.21	30.45	3	Horizontal	94	1.21	-	18.34	27.21	3.24	-
AV	2.4188G	91.23	Inf	-Inf	30.56	3	Horizontal	94	1.21	-	60.67	27.29	3.27	-
AV	2.4892G	46.73	54.00	-7.27	30.81	3	Horizontal	94	1.21	-	15.92	27.47	3.34	-
PK	2.3884G	65.54	74.00	-8.46	30.45	3	Horizontal	94	1.21	-	35.09	27.21	3.24	-
PK	2.4176G	100.48	Inf	-Inf	30.55	3	Horizontal	94	1.21	-	69.93	27.29	3.27	-
PK	2.498G	59.65	74.00	-14.35	30.84	3	Horizontal	94	1.21	-	28.81	27.49	3.35	-

802.11ac VHT40_Nss1,(MCS0)_2TX

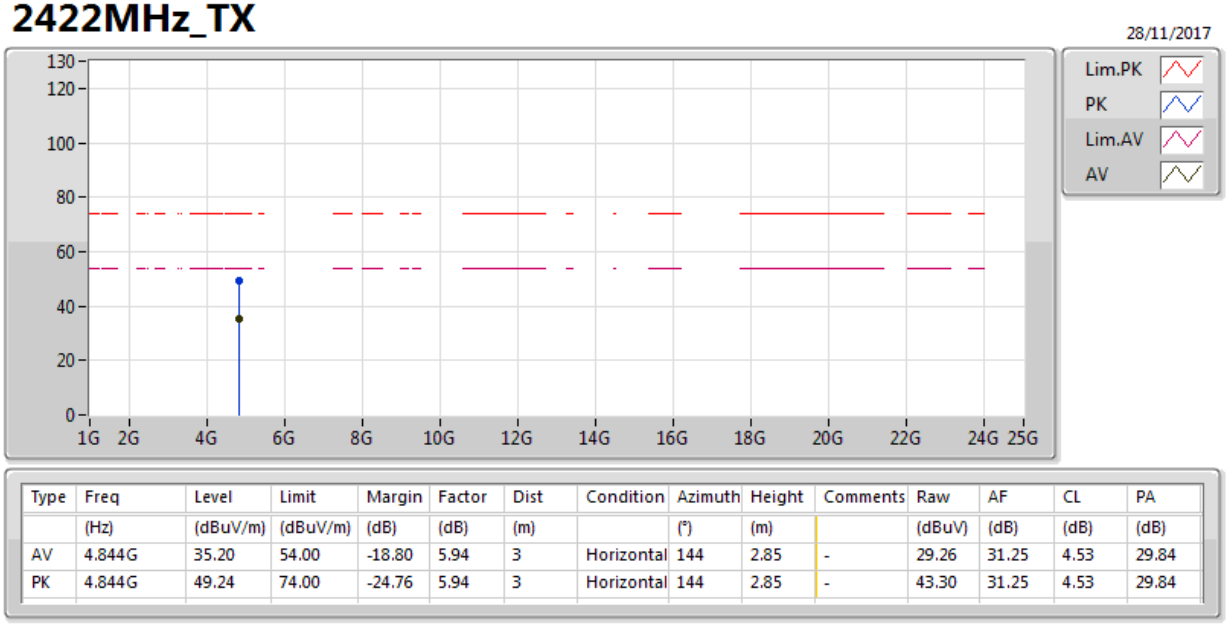
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	36.92	54.00	-17.08	5.94	3	Vertical	117	1.18	-	30.98	31.25	4.53	29.84
PK	4.844G	51.72	74.00	-22.28	5.94	3	Vertical	117	1.18	-	45.78	31.25	4.53	29.84

802.11ac VHT40_Nss1,(MCS0)_2TX

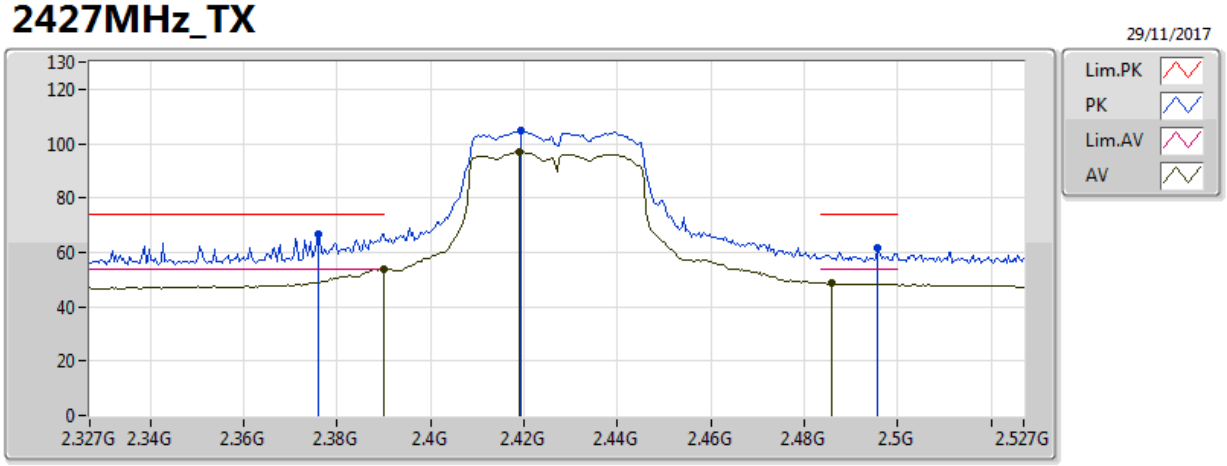
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	35.20	54.00	-18.80	5.94	3	Horizontal	144	2.85	-	29.26	31.25	4.53	29.84
PK	4.844G	49.24	74.00	-24.76	5.94	3	Horizontal	144	2.85	-	43.30	31.25	4.53	29.84

802.11ac VHT40_Nss1,(MCS0)_2TX

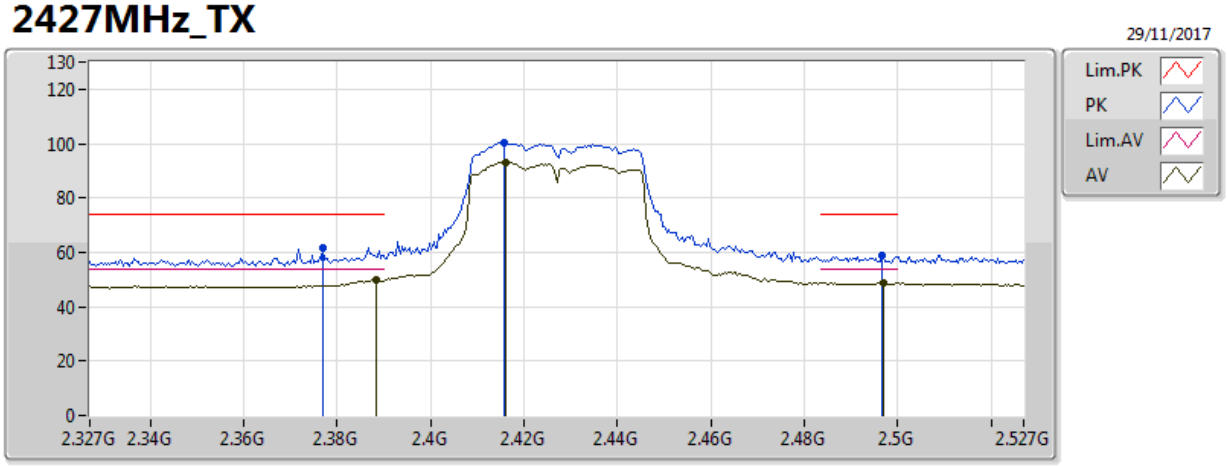
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	53.71	54.00	-0.29	30.45	3	Vertical	321	1.21	-	23.26	27.21	3.24	-
AV	2.419G	96.86	Inf	-Inf	30.56	3	Vertical	321	1.21	-	66.30	27.29	3.27	-
AV	2.4858G	48.69	54.00	-5.31	30.80	3	Vertical	321	1.21	-	17.89	27.46	3.34	-
PK	2.3758G	66.76	74.00	-7.24	30.41	3	Vertical	321	1.21	-	36.36	27.18	3.23	-
PK	2.4194G	104.57	Inf	-Inf	30.56	3	Vertical	321	1.21	-	74.01	27.29	3.27	-
PK	2.4958G	61.78	74.00	-12.22	30.83	3	Vertical	321	1.21	-	30.94	27.49	3.35	-

802.11ac VHT40_Nss1,(MCS0)_2TX

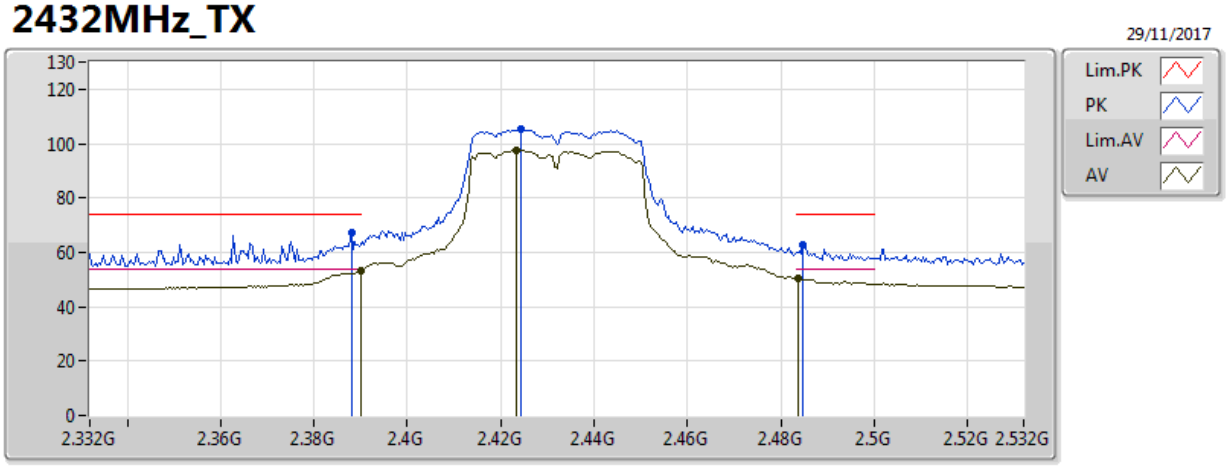
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3882G	49.79	54.00	-4.21	30.45	3	Horizontal	36	2.05	-	19.34	27.21	3.24	-
AV	2.4162G	93.20	Inf	-Inf	30.55	3	Horizontal	36	2.05	-	62.65	27.28	3.27	-
AV	2.497G	48.71	54.00	-5.29	30.84	3	Horizontal	36	2.05	-	17.87	27.49	3.35	-
PK	2.377G	61.54	74.00	-12.46	30.41	3	Horizontal	36	2.05	-	31.13	27.18	3.23	-
PK	2.4158G	100.47	Inf	-Inf	30.55	3	Horizontal	36	2.05	-	69.93	27.28	3.27	-
PK	2.4966G	58.83	74.00	-15.17	30.84	3	Horizontal	36	2.05	-	27.99	27.49	3.35	-

802.11ac VHT40_Nss1,(MCS0)_2TX

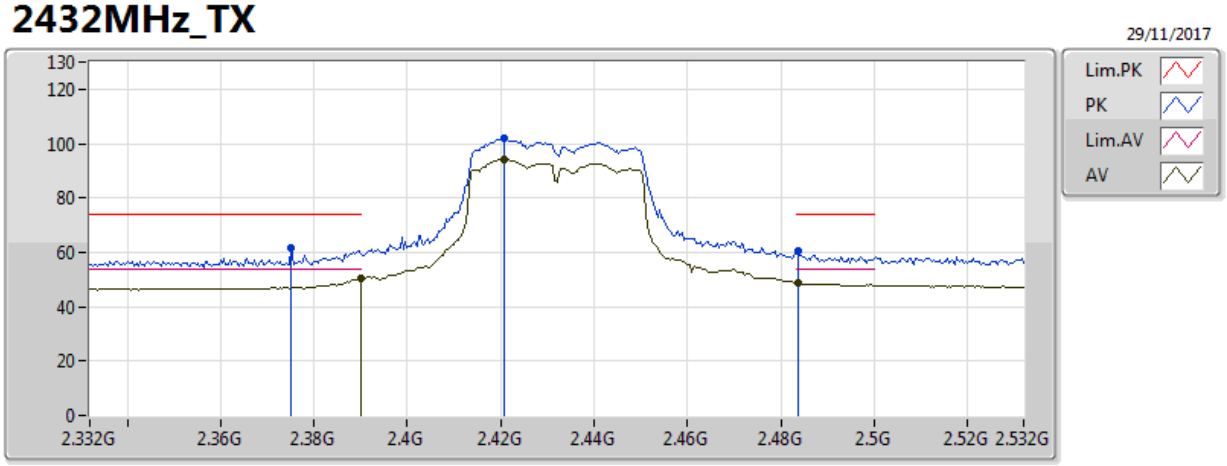
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.22	54.00	-0.78	30.45	3	Vertical	320	1.38	-	22.76	27.21	3.24	-
AV	2.4232G	97.59	Inf	-Inf	30.57	3	Vertical	320	1.38	-	67.02	27.30	3.27	-
AV	2.4836G	50.62	54.00	-3.38	30.79	3	Vertical	320	1.38	-	19.83	27.46	3.33	-
PK	2.388G	67.39	74.00	-6.61	30.45	3	Vertical	320	1.38	-	36.94	27.21	3.24	-
PK	2.4244G	105.46	Inf	-Inf	30.58	3	Vertical	320	1.38	-	74.89	27.30	3.27	-
PK	2.4848G	62.98	74.00	-11.02	30.80	3	Vertical	320	1.38	-	32.19	27.46	3.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

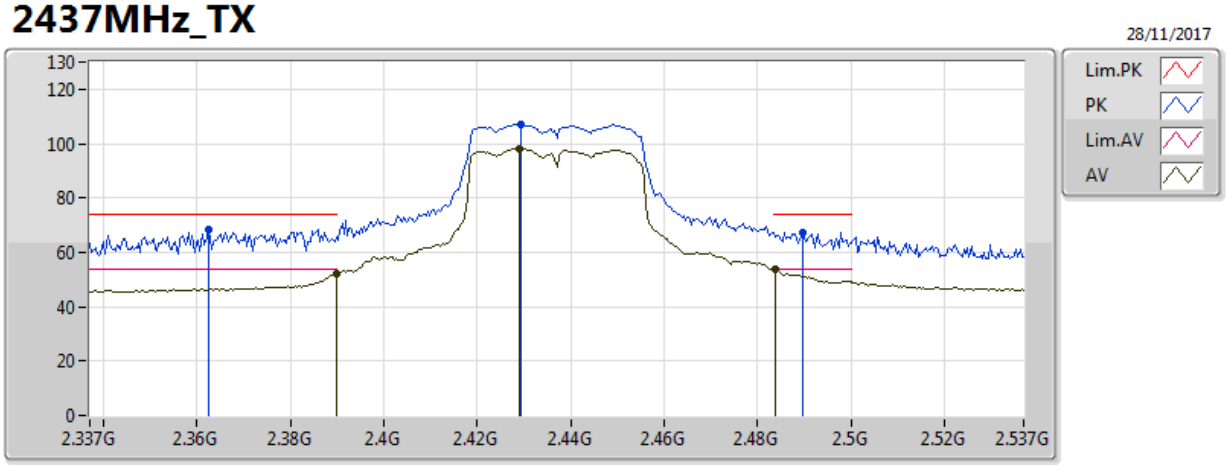
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.19	54.00	-3.81	30.45	3	Horizontal	39	2.68	-	19.74	27.21	3.24	-
AV	2.4208G	94.14	Inf	-Inf	30.56	3	Horizontal	39	2.68	-	63.57	27.29	3.27	-
AV	2.4836G	48.68	54.00	-5.32	30.79	3	Horizontal	39	2.68	-	17.89	27.46	3.33	-
PK	2.3752G	61.63	74.00	-12.37	30.40	3	Horizontal	39	2.68	-	31.23	27.18	3.23	-
PK	2.4208G	101.78	Inf	-Inf	30.56	3	Horizontal	39	2.68	-	71.21	27.29	3.27	-
PK	2.4836G	60.60	74.00	-13.40	30.79	3	Horizontal	39	2.68	-	29.81	27.46	3.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

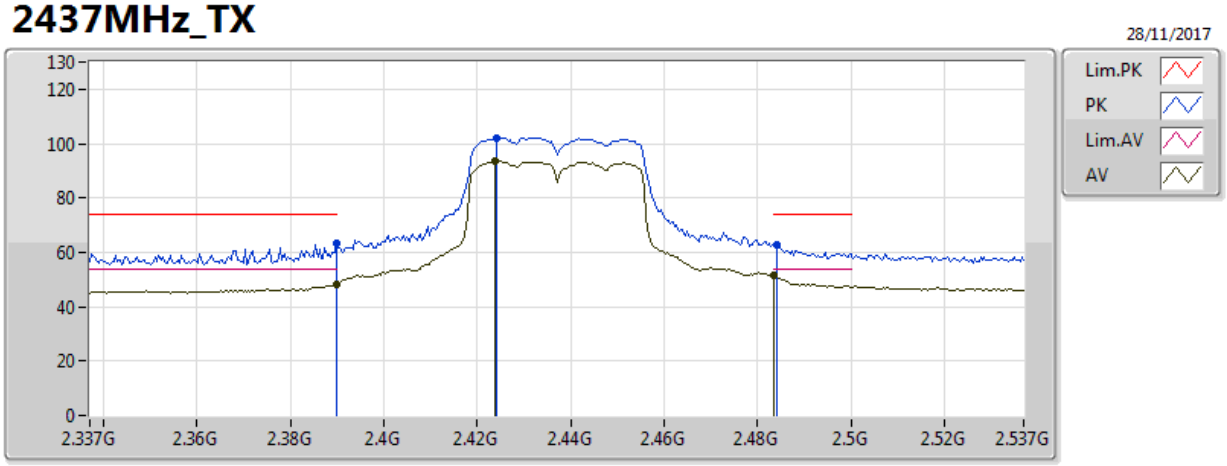
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	51.88	54.00	-2.12	30.45	3	Vertical	0	1.17	-	21.43	27.21	3.24	-
AV	2.429G	98.24	Inf	-Inf	30.59	3	Vertical	0	1.17	-	67.65	27.32	3.28	-
AV	2.4838G	53.57	54.00	-0.43	30.79	3	Vertical	0	1.17	-	22.78	27.46	3.33	-
PK	2.3626G	68.27	74.00	-5.73	30.36	3	Vertical	0	1.17	-	37.91	27.14	3.22	-
PK	2.4294G	107.24	Inf	-Inf	30.60	3	Vertical	0	1.17	-	76.64	27.32	3.28	-
PK	2.4898G	67.24	74.00	-6.76	30.81	3	Vertical	0	1.17	-	36.43	27.47	3.34	-

802.11ac VHT40_Nss1,(MCS0)_2TX

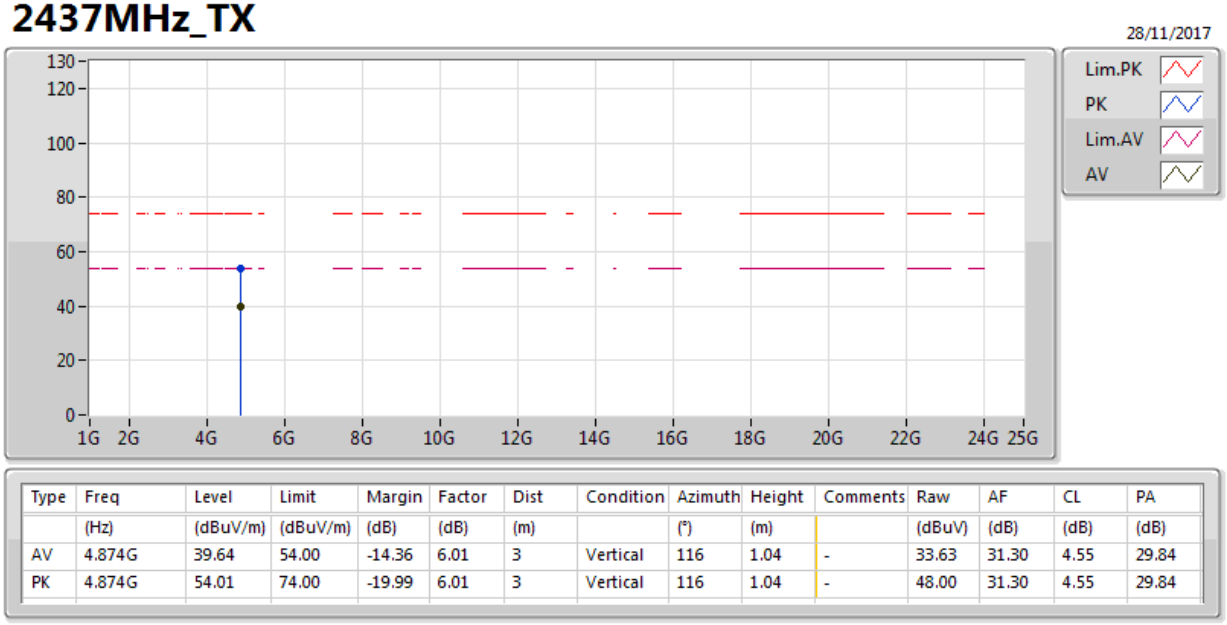
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	48.21	54.00	-5.79	30.45	3	Horizontal	91	2.80	-	17.76	27.21	3.24	-
AV	2.4238G	93.46	Inf	-Inf	30.58	3	Horizontal	91	2.80	-	62.88	27.30	3.27	-
AV	2.483502G	51.63	54.00	-2.37	30.79	3	Horizontal	91	2.80	-	20.84	27.46	3.33	-
PK	2.389998G	63.47	74.00	-10.53	30.45	3	Horizontal	91	2.80	-	33.01	27.21	3.24	-
PK	2.4242G	102.19	Inf	-Inf	30.58	3	Horizontal	91	2.80	-	71.61	27.30	3.27	-
PK	2.4842G	62.70	74.00	-11.30	30.79	3	Horizontal	91	2.80	-	31.91	27.46	3.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

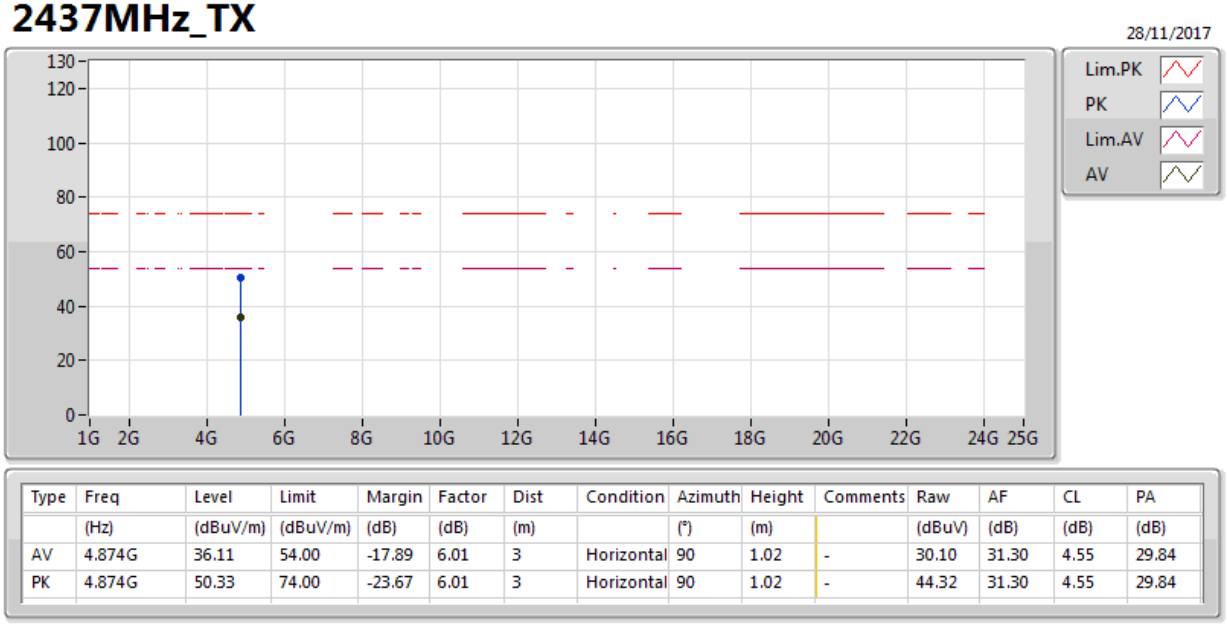
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	39.64	54.00	-14.36	6.01	3	Vertical	116	1.04	-	33.63	31.30	4.55	29.84
PK	4.874G	54.01	74.00	-19.99	6.01	3	Vertical	116	1.04	-	48.00	31.30	4.55	29.84

802.11ac VHT40_Nss1,(MCS0)_2TX

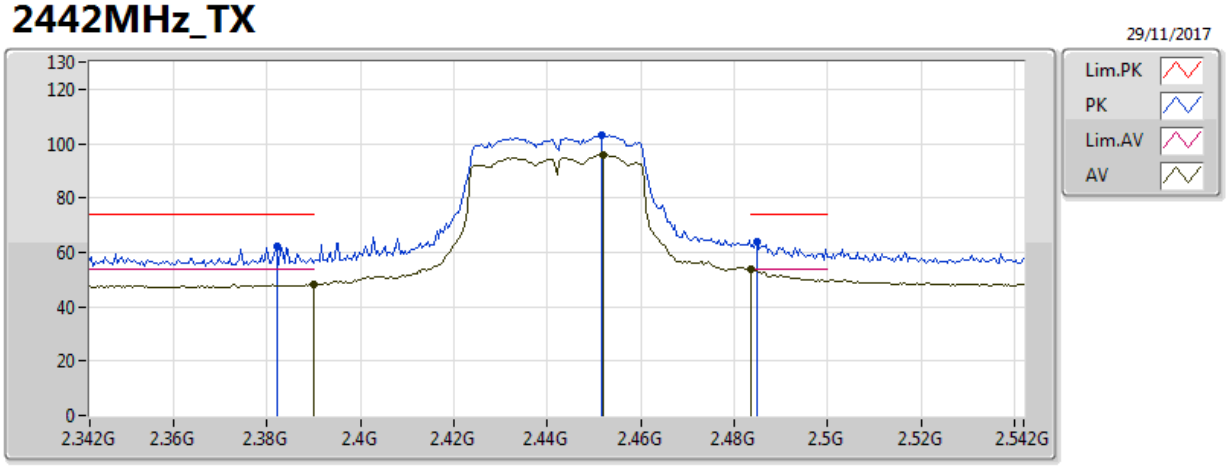
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	36.11	54.00	-17.89	6.01	3	Horizontal	90	1.02	-	30.10	31.30	4.55	29.84
PK	4.874G	50.33	74.00	-23.67	6.01	3	Horizontal	90	1.02	-	44.32	31.30	4.55	29.84

802.11ac VHT40_Nss1,(MCS0)_2TX

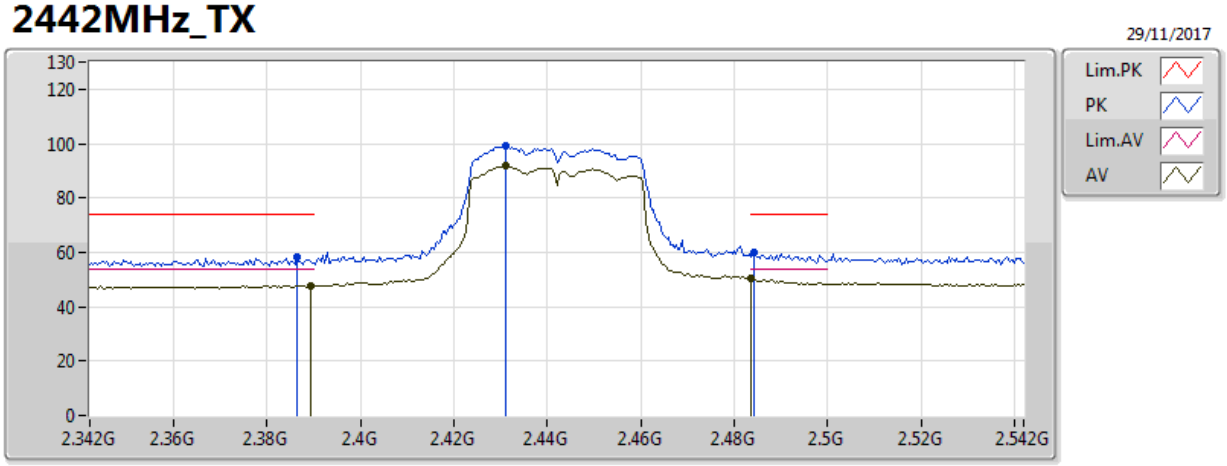
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.16	54.00	-5.84	30.45	3	Vertical	356	1.32	-	17.70	27.21	3.24	-
AV	2.452G	95.75	Inf	-Inf	30.68	3	Vertical	356	1.32	-	65.07	27.38	3.30	-
AV	2.4836G	53.81	54.00	-0.19	30.79	3	Vertical	356	1.32	-	23.02	27.46	3.33	-
PK	2.382G	62.18	74.00	-11.82	30.43	3	Vertical	356	1.32	-	31.75	27.19	3.23	-
PK	2.4516G	103.05	Inf	-Inf	30.68	3	Vertical	356	1.32	-	72.37	27.37	3.30	-
PK	2.4848G	63.83	74.00	-10.17	30.80	3	Vertical	356	1.32	-	33.03	27.46	3.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

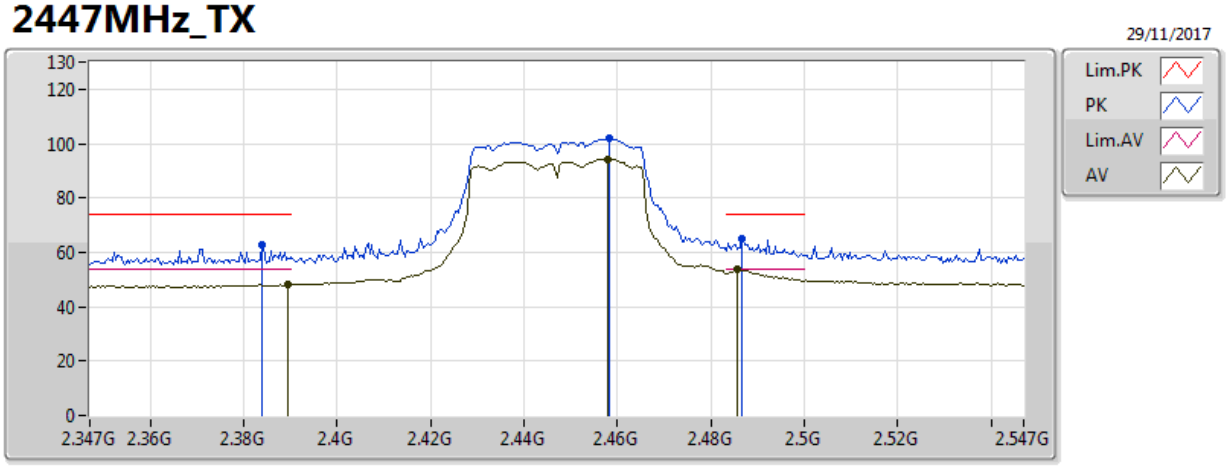
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	47.68	54.00	-6.32	30.45	3	Horizontal	34	2.38	-	17.23	27.21	3.24	-
AV	2.4312G	91.66	Inf	-Inf	30.60	3	Horizontal	34	2.38	-	61.06	27.32	3.28	-
AV	2.4836G	50.22	54.00	-3.78	30.79	3	Horizontal	34	2.38	-	19.43	27.46	3.33	-
PK	2.3864G	58.31	74.00	-15.69	30.44	3	Horizontal	34	2.38	-	27.87	27.20	3.24	-
PK	2.4312G	99.17	Inf	-Inf	30.60	3	Horizontal	34	2.38	-	68.57	27.32	3.28	-
PK	2.4844G	59.93	74.00	-14.07	30.79	3	Horizontal	34	2.38	-	29.14	27.46	3.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

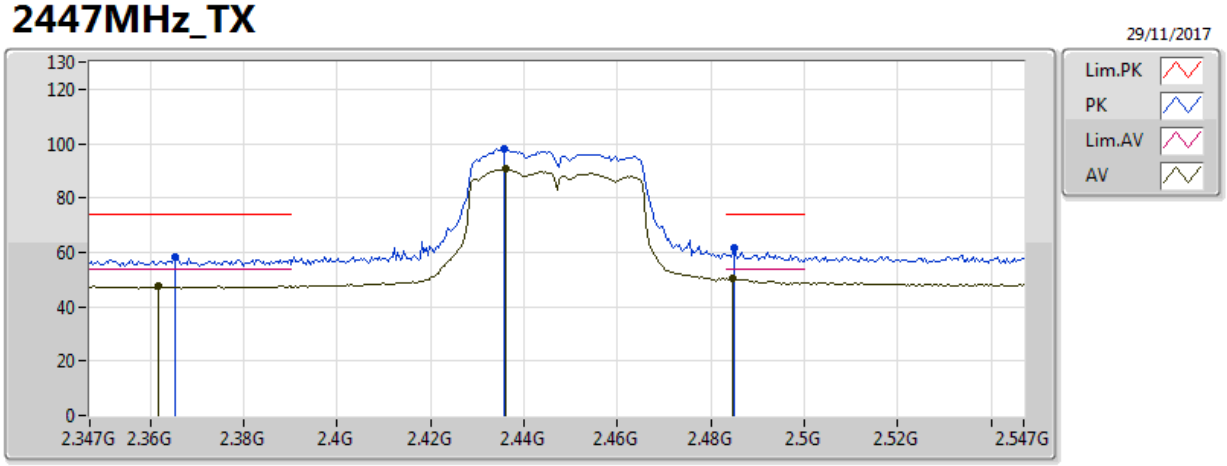
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	48.15	54.00	-5.85	30.45	3	Vertical	357	1.19	-	17.70	27.21	3.24	-
AV	2.4578G	94.28	Inf	-Inf	30.70	3	Vertical	357	1.19	-	63.59	27.39	3.31	-
AV	2.4858G	53.68	54.00	-0.32	30.80	3	Vertical	357	1.19	-	22.88	27.46	3.34	-
PK	2.3838G	62.72	74.00	-11.28	30.43	3	Vertical	357	1.19	-	32.29	27.20	3.24	-
PK	2.4582G	101.85	Inf	-Inf	30.70	3	Vertical	357	1.19	-	71.15	27.39	3.31	-
PK	2.4866G	65.07	74.00	-8.93	30.80	3	Vertical	357	1.19	-	34.27	27.47	3.34	-

802.11ac VHT40_Nss1,(MCS0)_2TX

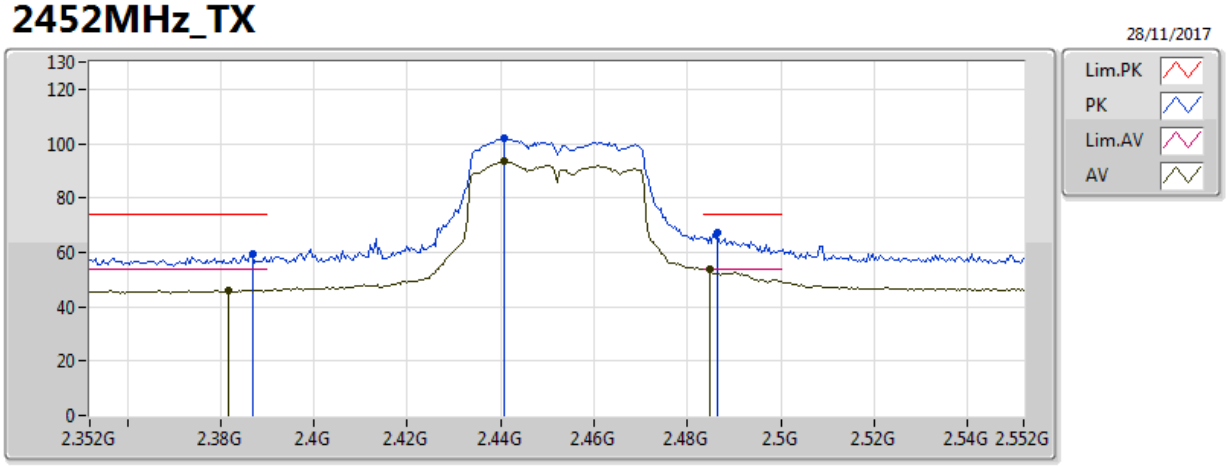
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3618G	47.57	54.00	-6.43	30.36	3	Horizontal	32	2.40	-	17.21	27.14	3.22	-
AV	2.4362G	90.53	Inf	-Inf	30.62	3	Horizontal	32	2.40	-	59.91	27.33	3.29	-
AV	2.4846G	50.42	54.00	-3.58	30.79	3	Horizontal	32	2.40	-	19.63	27.46	3.33	-
PK	2.3654G	58.11	74.00	-15.89	30.37	3	Horizontal	32	2.40	-	27.74	27.15	3.22	-
PK	2.4358G	98.13	Inf	-Inf	30.62	3	Horizontal	32	2.40	-	67.52	27.33	3.29	-
PK	2.485G	61.38	74.00	-12.62	30.80	3	Horizontal	32	2.40	-	30.59	27.46	3.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

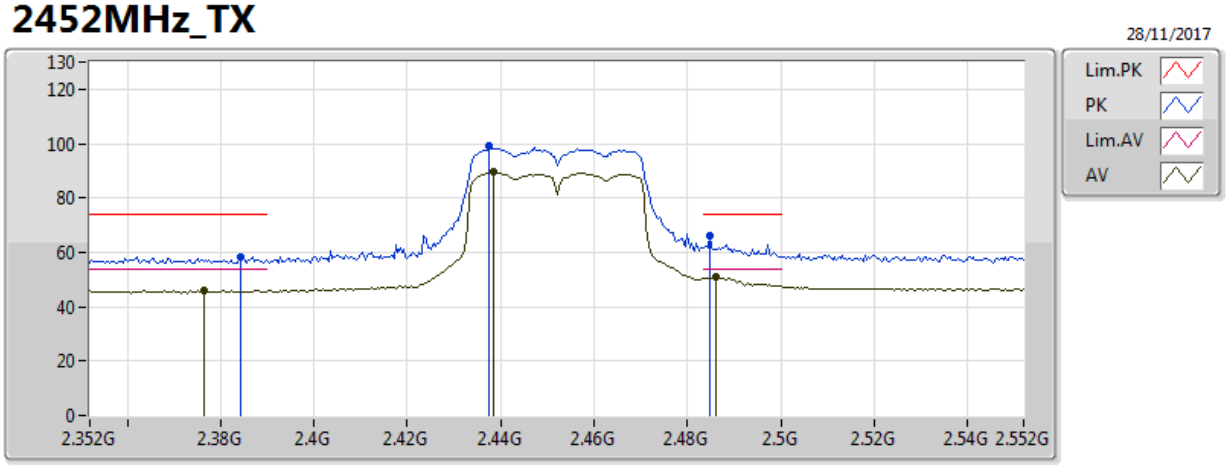
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3816G	46.10	54.00	-7.90	30.43	3	Vertical	25	1.66	-	15.68	27.19	3.23	-
AV	2.4408G	93.42	Inf	-Inf	30.64	3	Vertical	25	1.66	-	62.79	27.35	3.29	-
AV	2.4848G	53.72	54.00	-0.28	30.80	3	Vertical	25	1.66	-	22.93	27.46	3.33	-
PK	2.3868G	59.24	74.00	-14.76	30.44	3	Vertical	25	1.66	-	28.79	27.21	3.24	-
PK	2.4408G	101.99	Inf	-Inf	30.64	3	Vertical	25	1.66	-	71.35	27.35	3.29	-
PK	2.4864G	67.13	74.00	-6.87	30.80	3	Vertical	25	1.66	-	36.33	27.46	3.34	-

802.11ac VHT40_Nss1,(MCS0)_2TX

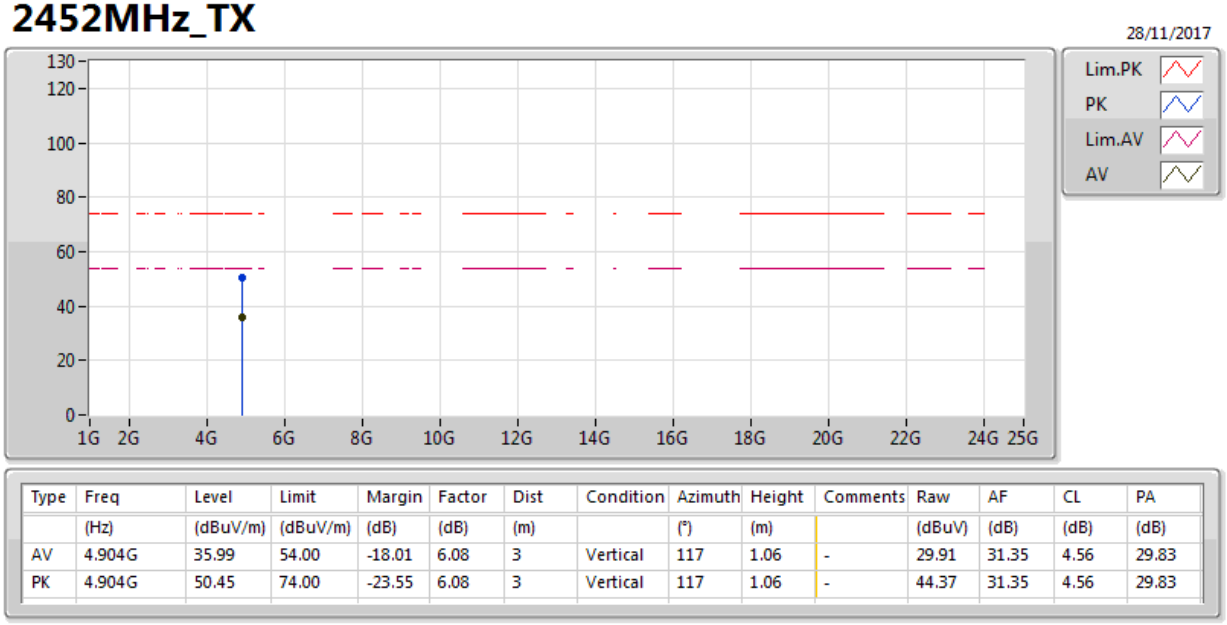
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3764G	45.85	54.00	-8.15	30.41	3	Horizontal	93	3.05	-	15.44	27.18	3.23	-
AV	2.4384G	89.52	Inf	-Inf	30.63	3	Horizontal	93	3.05	-	58.89	27.34	3.29	-
AV	2.486G	50.88	54.00	-3.12	30.80	3	Horizontal	93	3.05	-	20.08	27.46	3.34	-
PK	2.3844G	58.37	74.00	-15.63	30.44	3	Horizontal	93	3.05	-	27.93	27.20	3.24	-
PK	2.4376G	98.95	Inf	-Inf	30.63	3	Horizontal	93	3.05	-	68.32	27.34	3.29	-
PK	2.4848G	66.05	74.00	-7.95	30.80	3	Horizontal	93	3.05	-	35.26	27.46	3.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

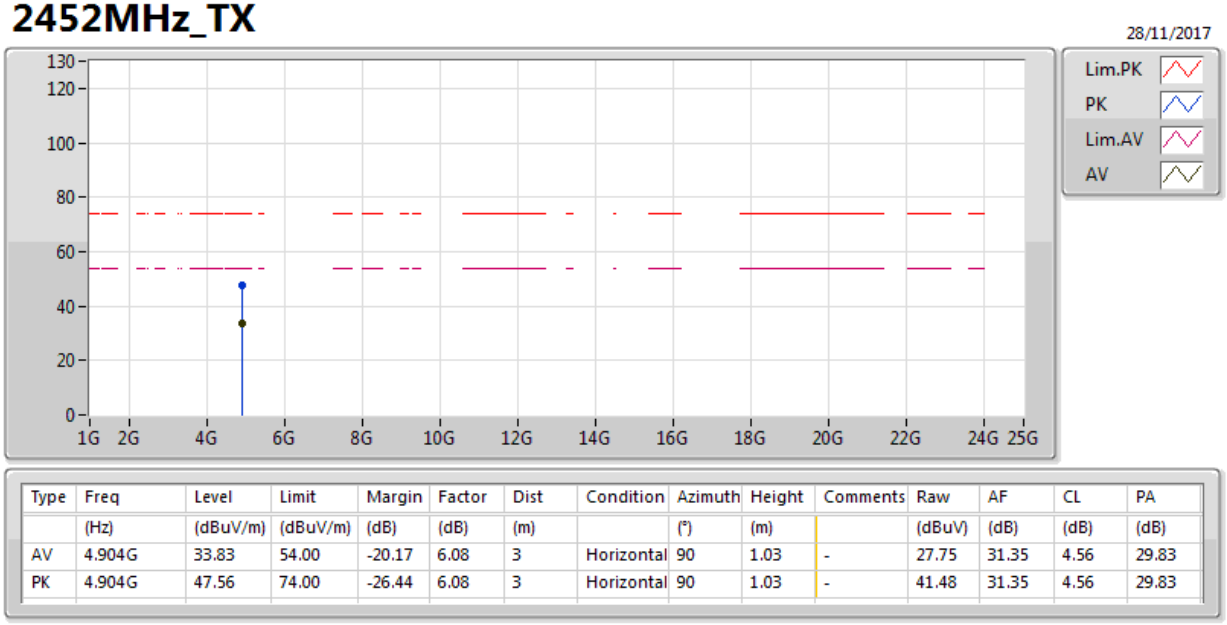
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904G	35.99	54.00	-18.01	6.08	3	Vertical	117	1.06	-	29.91	31.35	4.56	29.83
PK	4.904G	50.45	74.00	-23.55	6.08	3	Vertical	117	1.06	-	44.37	31.35	4.56	29.83

802.11ac VHT40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904G	33.83	54.00	-20.17	6.08	3	Horizontal	90	1.03	-	27.75	31.35	4.56	29.83
PK	4.904G	47.56	74.00	-26.44	6.08	3	Horizontal	90	1.03	-	41.48	31.35	4.56	29.83