FCC Test Report

FCC ID	:	TE7KH300
Equipment	:	Kasa Smart Camera Hub
Brand Name	:	tp-link
Model Name	:	KH300
Applicant	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park,Nanshan Shenzhen, 518057 China
Manufacturer	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park,Nanshan Shenzhen, 518057 China
Standard	:	47 CFR FCC Part 15.247

The product was received on Jul. 16, 2018, and testing was started from Jul. 19, 2018 and completed on Aug. 22, 2018. . We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Phoenix Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR871402AC	01	Initial issue of report	Jan. 07, 2019

Summary of Test Result

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

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

Reviewed by: Jackson Tsai

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	TP-LINK	KH300	Dipole antenna	I-PEX
2	TP-LINK	KH300	Dipole antenna	I-PEX
3	TP-LINK	KH300	PIFA antenna	I-PEX

Ant.	Port	Gain (dBi)	
		2.4G	DSSS(902~928MHz)
1	1	3.5	-
2	2	3.5	-
3	1	-	2.124

Note 1: The EUT has three antennas.

For 2.4GHz function:

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

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

For DSSS (902~928MHz):

Only Ant. 3 (port 1) can be used as transmitting/receiving antenna.

1.1.3 EUT Information

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

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.982	0.079	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.932	0.306	1.397m	1k
802.11n HT20	0.913	0.395	1.309m	1k
802.11n HT40	0.828	0.82	649.687u	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 v05
- KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Barry	23.4°C / 62%	20/Jul/2018
Radiated	03CH03-HY	Jeff	25.5°C / 55%	22/Aug/2018
AC Conduction	CO04-HY	Andy	23.6°C / 54.8%	25/Jul/2018

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 ℃	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	MT7603 QA 0.0.1.85

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	17
2417MHz	17
2437MHz	17
2457MHz	18
2462MHz	18
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	12
2417MHz	16
2437MHz	16
2457MHz	16
2462MHz	12
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	12
2417MHz	15
2437MHz	16
2457MHz	15
2462MHz	11
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	0C
2427MHz	0F
2437MHz	12
2447MHz	10
2452MHz	0A

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	**Y Plane**
	
Worst Planes of EUT	V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz +DSSS(902~928MHz)
Refer to Sporton Test Report No.: FA871402 for Co-location RF Exposure Evaluation.	

2.4 Accessories

Accessories				
AC Adapter	Brand Name	AMIGO	Model Name	AMS159A-1201000FU
	Power Rating	I/P: 100-240Vac, 0.5A, O/P: 12 Vdc, 1A		
	Power Cord	1.5meter, non-shielded cable, with w/o ferrite core		

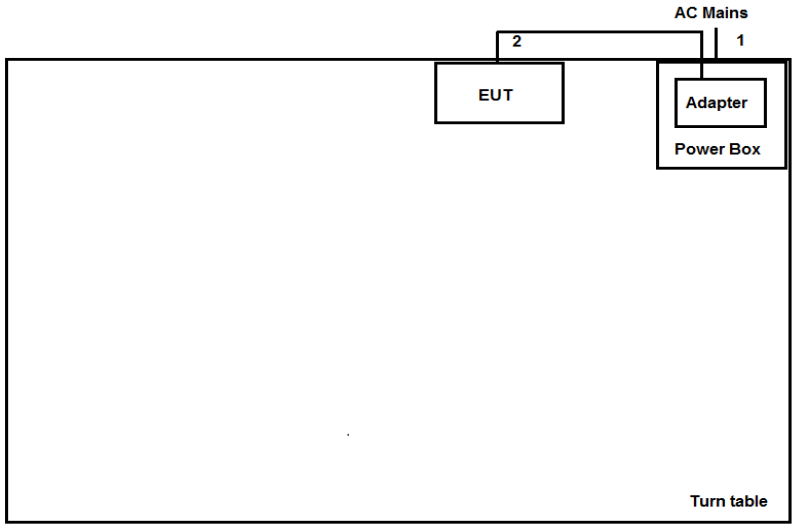
Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

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

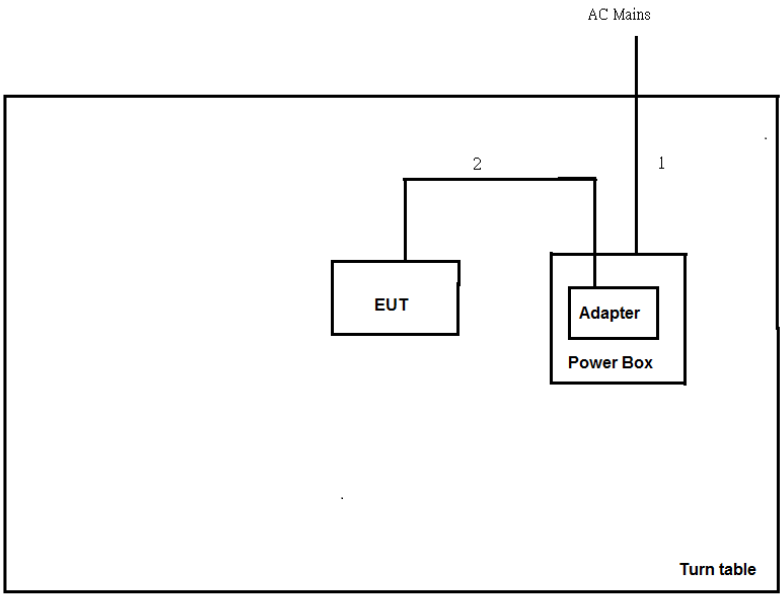
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	DC Power line	No	1.5	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	DC Power line	No	1.5	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

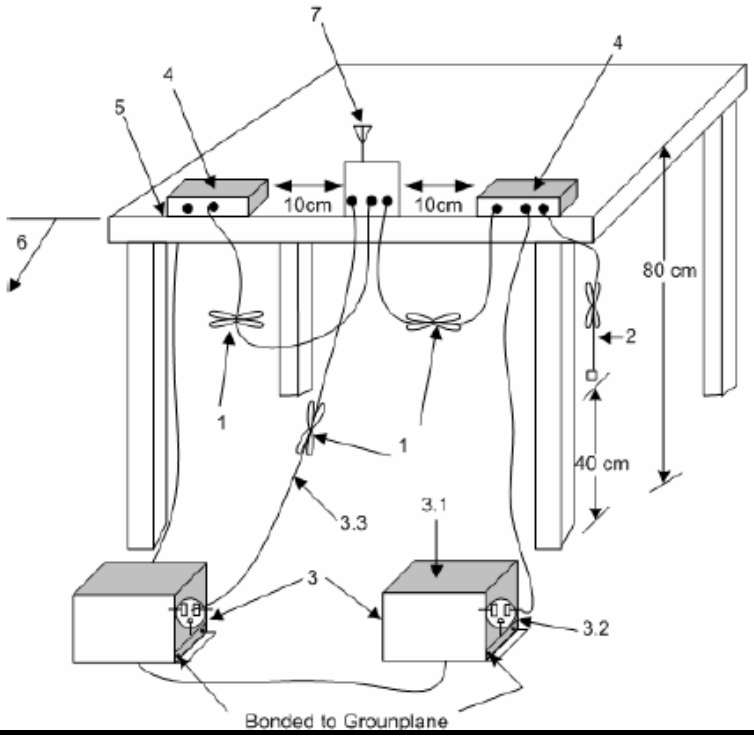
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

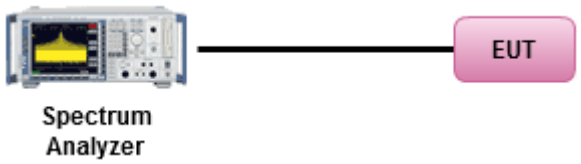
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as KDB 558074. clause 8.2 (11.9.2.2 of ANSI C63.10) DTS bandwidth measurement.
	☐ Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
	☐ Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
	☐ Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
▪ Maximum Average Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
	☒ Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

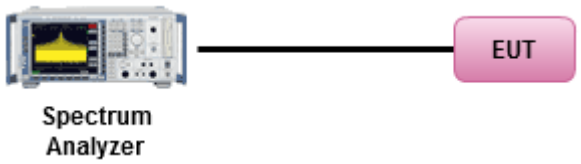
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Method PKPSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

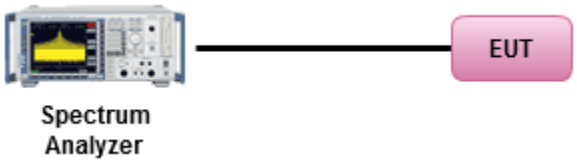
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

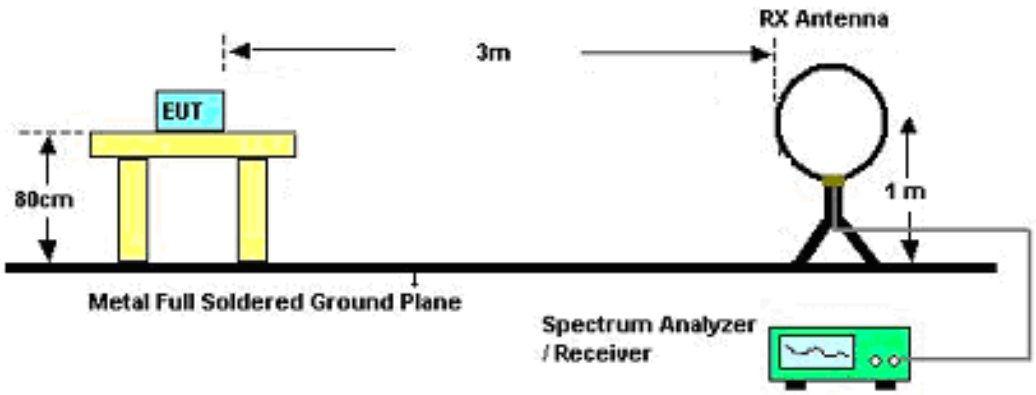
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

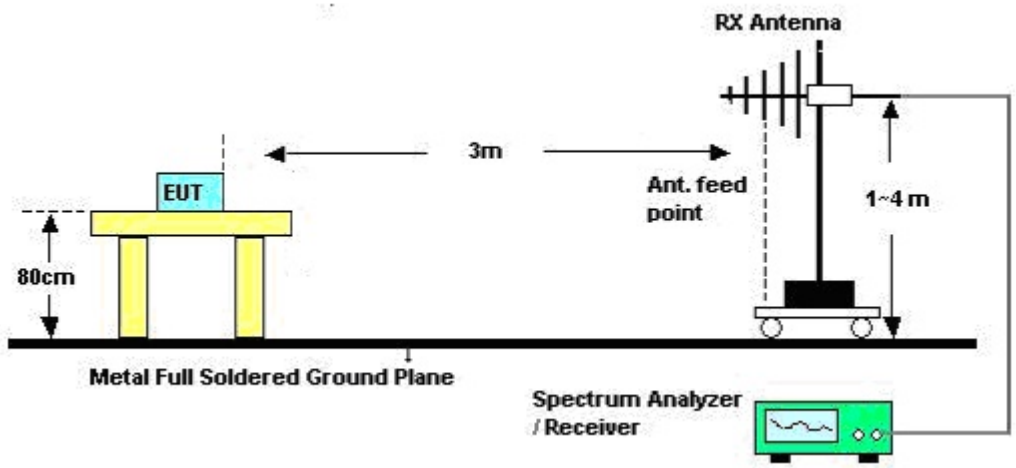
Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).

3.6.4 Test Setup

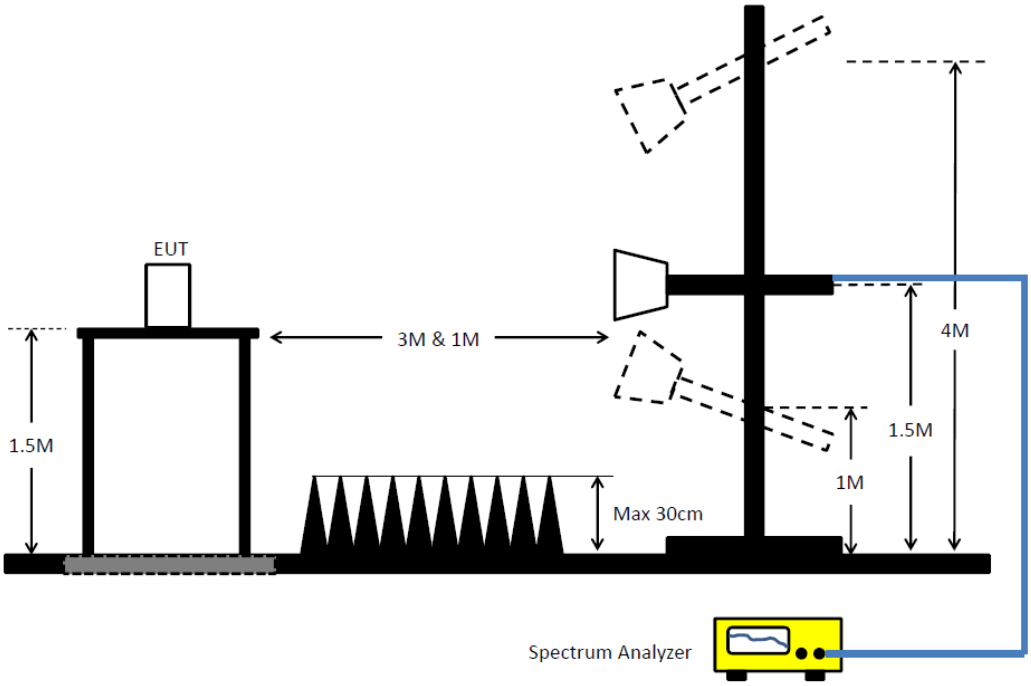
Emissions in Restricted Frequency Bands
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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

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

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018

NCR : Non-Calibration Require

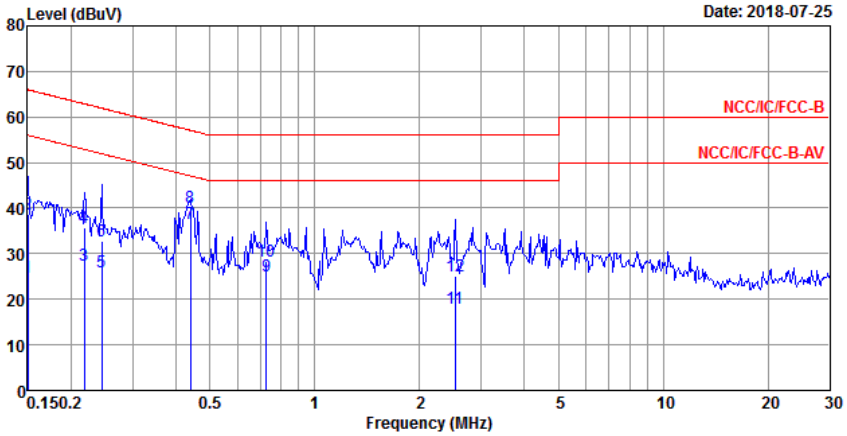
Instrument for Radiated Test

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	23/Apr/2018	19/Apr/2019
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	31/Aug/2017	30/Aug/2018
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	29/Jan/2018	28/Jan/2019
RF Cable-high	SUHNER	SUCOFLEX 106	CB222	1GHz ~ 40GHz	29/Jan/2018	28/Jan/2019
Bilog Antenna	SCHAFFNER	CBL 6112B	2723	30MHz ~ 1GHz	09/Sep/2017	08/Sep/2018
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	06/Feb/ 2018	05/Feb/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	28/Mar/2018	27/Mar/2019

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	05/Feb/2018	04/Feb/2019
Signal Generator	R&S	SMB100A	175727	100kHz~40GHz	26/Oct/2017	25/Oct/2018
Pulse Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	27/Feb/2018	26/Feb/2019
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	27/Feb/2018	26/Feb/2019
CABLE 0.2m	HUBER	MY37960/4	RF Cable - 17	1 to 18GHz	17/Jan/2018	16/Jan/2019
CABLE 0.2m	HUBER	MY37960/4	RF Cable - 17	30 to 1000MHz	17/Jan/2018	16/Jan/2019
CABLE 0.5m	HUBER	MY37963/4	RF Cable - 22	1 to 18GHz	17/Jan/2018	16/Jan/2019

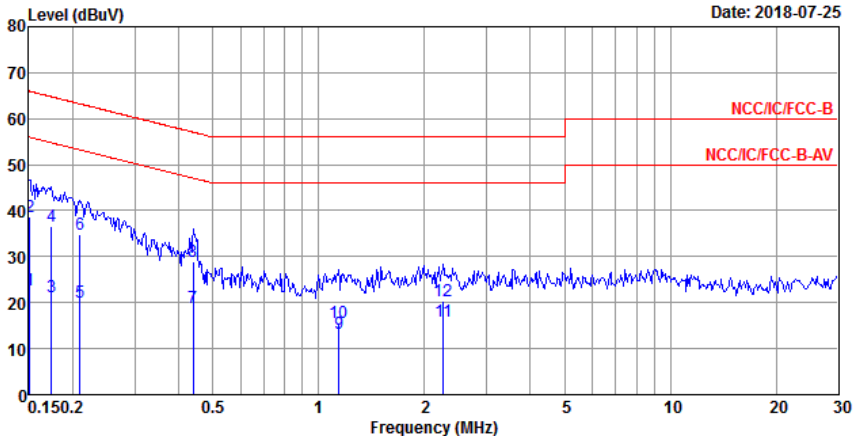
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	24.88	-31.12	56.00	15.21	9.63	0.04	Average
2	0.15	38.60	-27.40	66.00	28.93	9.63	0.04	QP
3	0.22	27.34	-25.54	52.88	17.71	9.62	0.01	Average
4	0.22	35.81	-27.07	62.88	26.18	9.62	0.01	QP
5	0.24	26.06	-25.89	51.95	16.41	9.62	0.03	Average
6	0.24	32.69	-29.26	61.95	23.04	9.62	0.03	QP
7 MAX	0.44	36.52	-10.55	47.07	26.82	9.61	0.09	Average
8	0.44	40.03	-17.04	57.07	30.33	9.61	0.09	QP
9	0.73	25.00	-21.00	46.00	15.35	9.62	0.03	Average
10	0.73	28.29	-27.71	56.00	18.64	9.62	0.03	QP
11	2.53	17.88	-28.12	46.00	8.22	9.63	0.03	Average
12	2.53	25.14	-30.86	56.00	15.48	9.63	0.03	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	0.15	22.61	-33.35	55.96	12.95	9.62	0.04	Average
2 MAX	0.15	38.56	-27.40	65.96	28.90	9.62	0.04	QP
3	0.17	21.19	-33.58	54.77	11.55	9.62	0.02	Average
4	0.17	36.67	-28.10	64.77	27.03	9.62	0.02	QP
5	0.21	19.97	-33.26	53.23	10.34	9.62	0.01	Average
6	0.21	34.84	-28.39	63.23	25.21	9.62	0.01	QP
7	0.44	19.01	-28.06	47.07	9.31	9.61	0.09	Average
8	0.44	28.99	-28.08	57.07	19.29	9.61	0.09	QP
9	1.14	13.25	-32.75	46.00	3.64	9.61	0.00	Average
10	1.14	15.57	-40.43	56.00	5.96	9.61	0.00	QP
11	2.26	15.95	-30.05	46.00	6.31	9.62	0.02	Average
12	2.26	20.31	-35.69	56.00	10.67	9.62	0.02	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	10M	14.218M	14M2G1D	9.525M	14.118M
802.11g_Nss1,(6Mbps)_2TX	15.075M	16.367M	16M4D1D	13.775M	16.292M
802.11n HT20_Nss1,(MCS0)_2TX	15.625M	17.566M	17M6D1D	13.875M	17.491M
802.11n HT40_Nss1,(MCS0)_2TX	35.1M	35.982M	36M0D1D	33.8M	35.782M

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

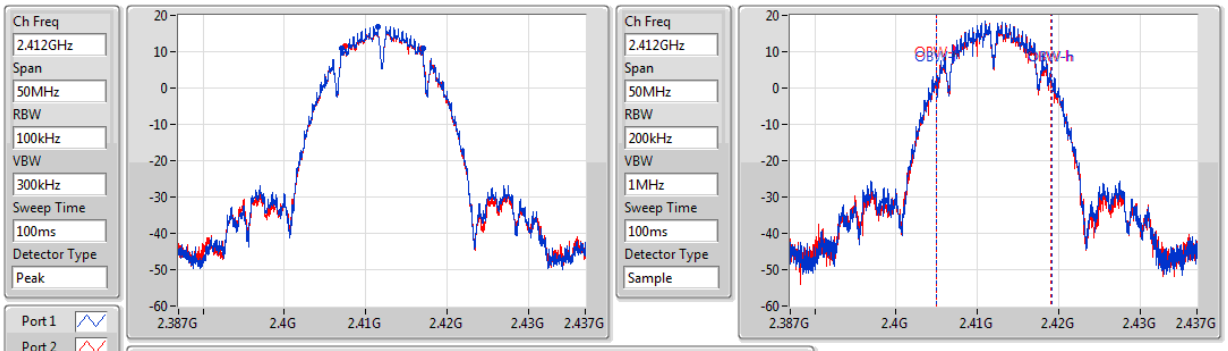
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10M	14.218M	9.525M	14.168M
2437MHz	Pass	500k	10M	14.193M	10M	14.118M
2462MHz	Pass	500k	9.55M	14.193M	9.525M	14.143M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	13.775M	16.317M	14.95M	16.317M
2437MHz	Pass	500k	15M	16.367M	14.95M	16.317M
2462MHz	Pass	500k	13.775M	16.317M	15.075M	16.292M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	17.541M	15.025M	17.491M
2437MHz	Pass	500k	15.05M	17.566M	15.625M	17.541M
2462MHz	Pass	500k	13.875M	17.516M	15.625M	17.516M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.85M	35.832M	34.95M	35.832M
2437MHz	Pass	500k	35.1M	35.832M	35M	35.982M
2452MHz	Pass	500k	33.8M	35.782M	34.95M	35.882M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

20/07/2018

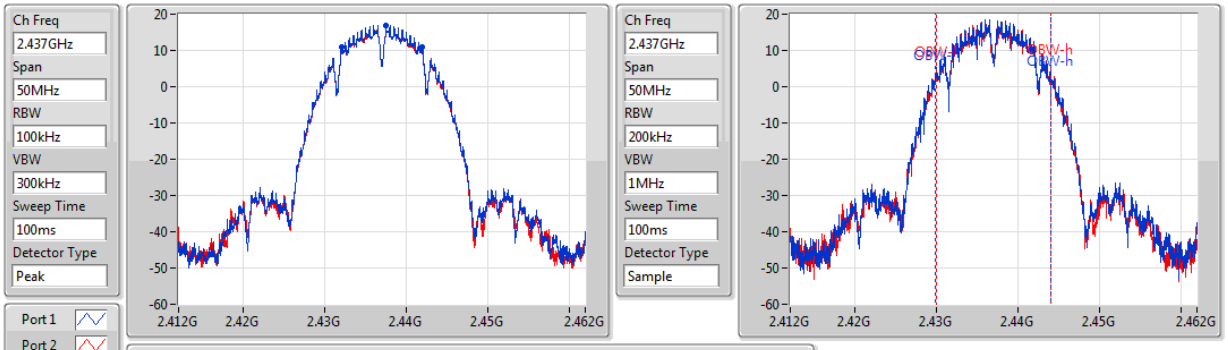


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.407025G	2.417025G	14.218M	2.404904G	2.419121G	500k	1
9.525M	2.407475G	2.417G	14.168M	2.404929G	2.419096G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

20/07/2018

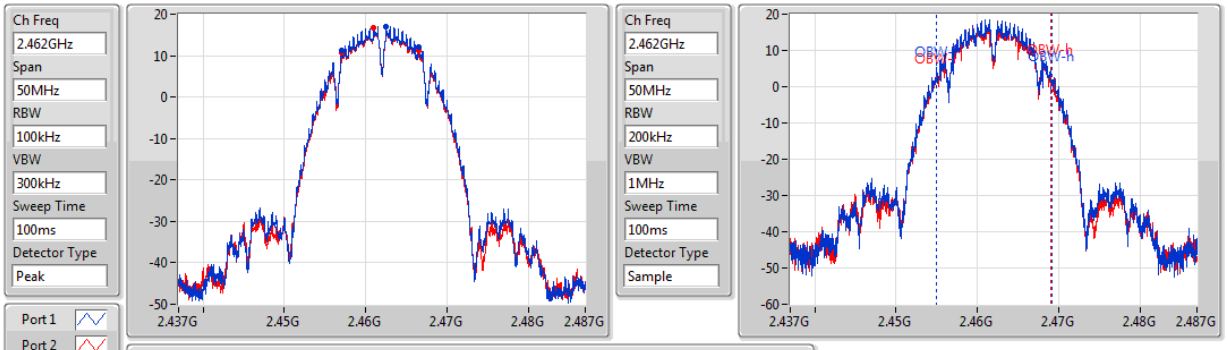


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.432G	2.442G	14.193M	2.429879G	2.444071G	500k	1
10M	2.432G	2.442G	14.118M	2.429929G	2.444046G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

20/07/2018



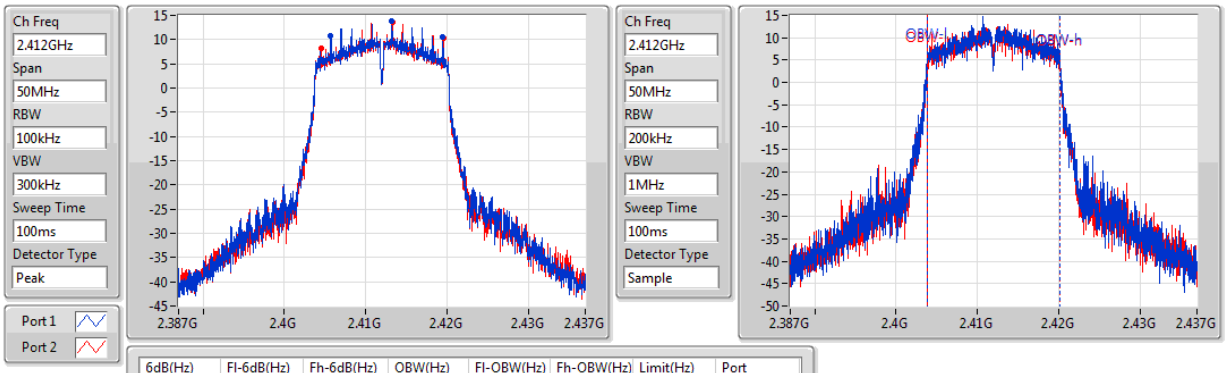
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.55M	2.457G	2.46655G	14.193M	2.454929G	2.469121G	500k	1
9.525M	2.457025G	2.46655G	14.143M	2.454904G	2.469046G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

20/07/2018



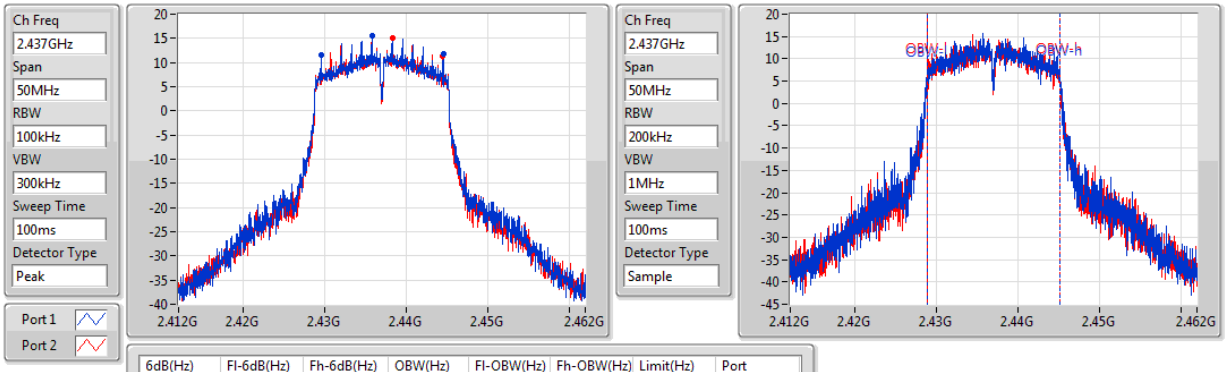
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.775M	2.405725G	2.4195G	16.317M	2.403829G	2.420146G	500k	1
14.95M	2.404575G	2.419525G	16.317M	2.403829G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

20/07/2018



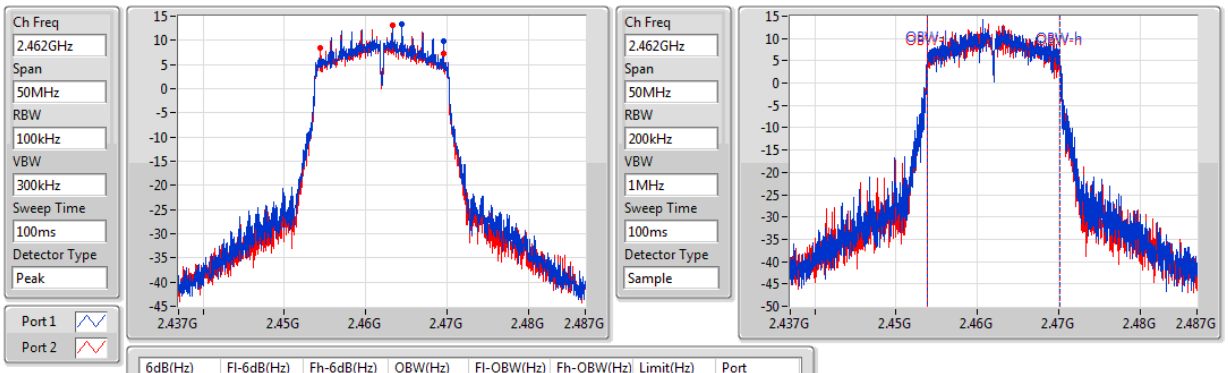
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.429525G	2.444525G	16.367M	2.428804G	2.445171G	500k	1
14.95M	2.429525G	2.444475G	16.317M	2.428829G	2.445146G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

20/07/2018

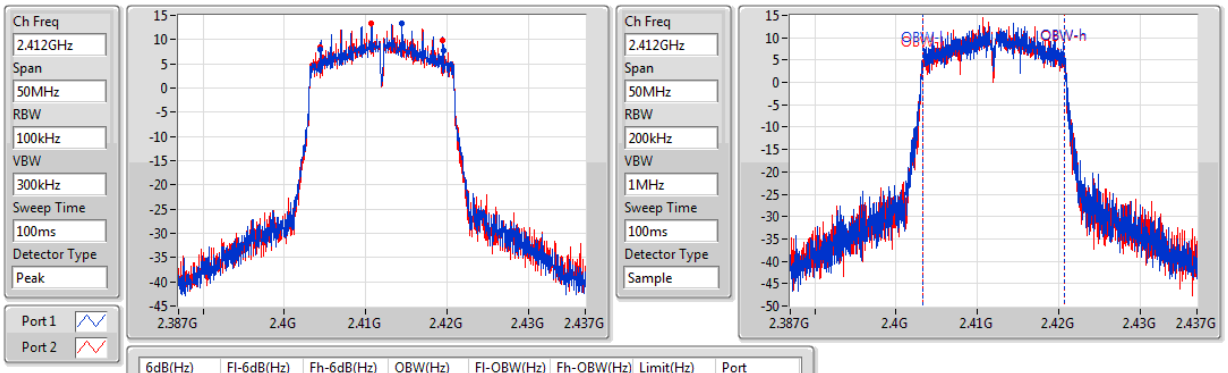


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.775M	2.45575G	2.469525G	16.317M	2.453829G	2.470146G	500k	1
15.075M	2.454475G	2.46955G	16.292M	2.453829G	2.470121G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

20/07/2018

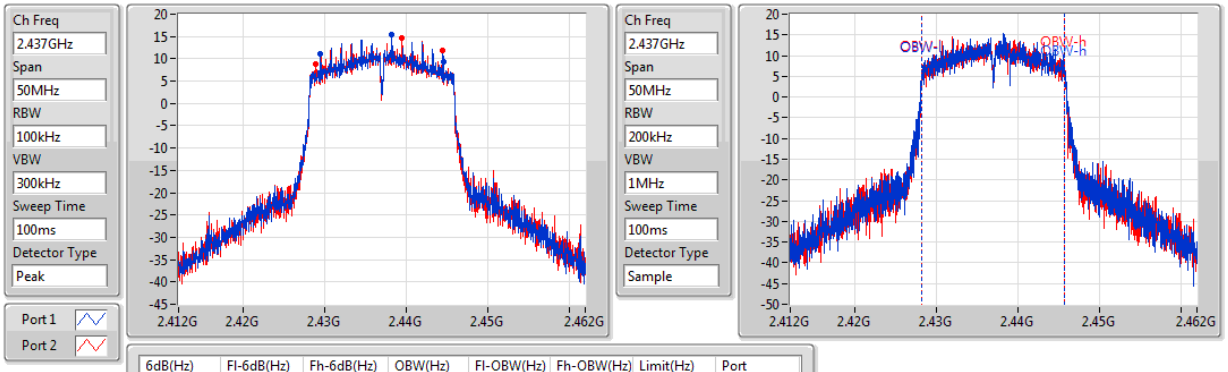


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.40445G	2.419525G	17.541M	2.403229G	2.420771G	500k	1
15.025M	2.40445G	2.419475G	17.491M	2.403254G	2.420746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

20/07/2018

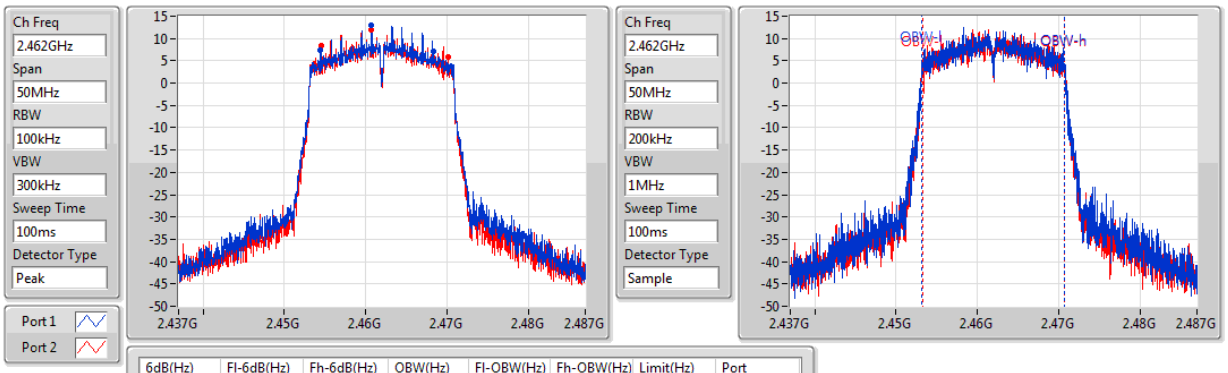


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.429475G	2.444525G	17.566M	2.428204G	2.445771G	500k	1
15.625M	2.428875G	2.4445G	17.541M	2.428204G	2.445746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

20/07/2018

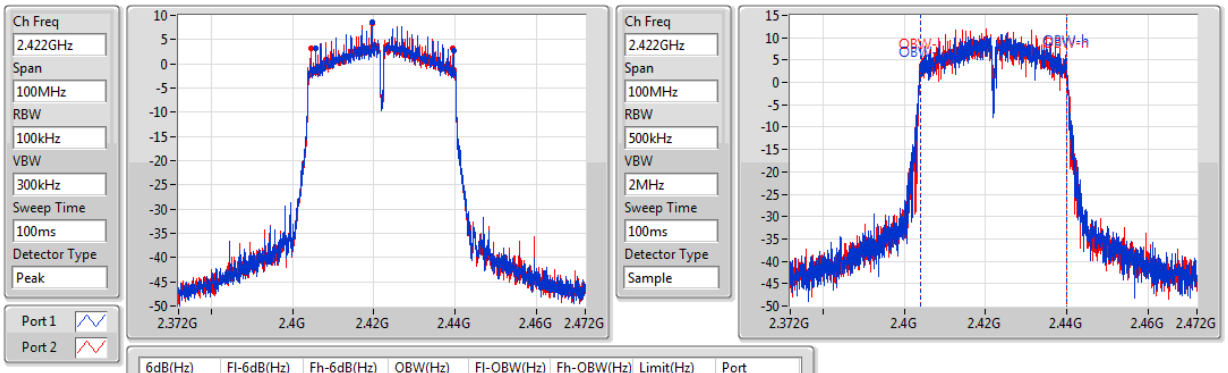


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.875M	2.45445G	2.468325G	17.516M	2.453204G	2.470721G	500k	1
15.625M	2.454525G	2.47015G	17.516M	2.453229G	2.470746G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

20/07/2018

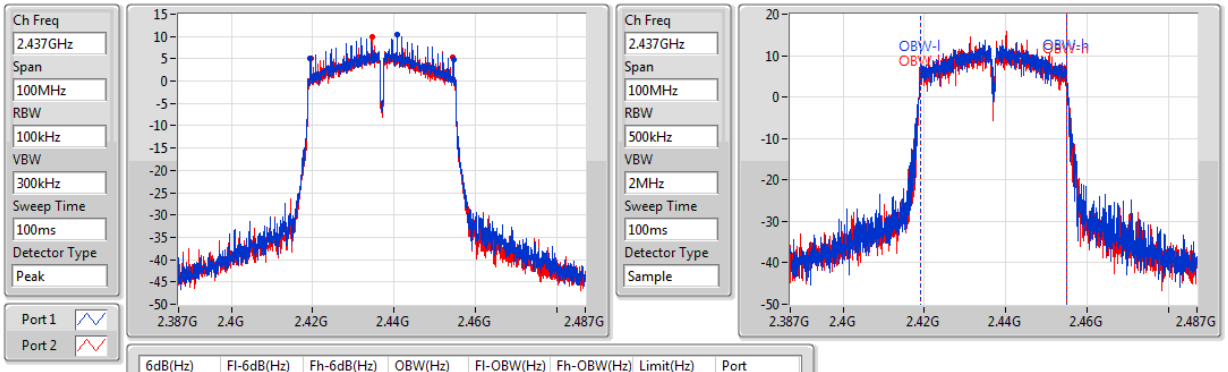


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.85M	2.4057G	2.43955G	35.832M	2.404059G	2.439891G	500k	1
34.95M	2.4045G	2.43945G	35.832M	2.404059G	2.439891G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

20/07/2018

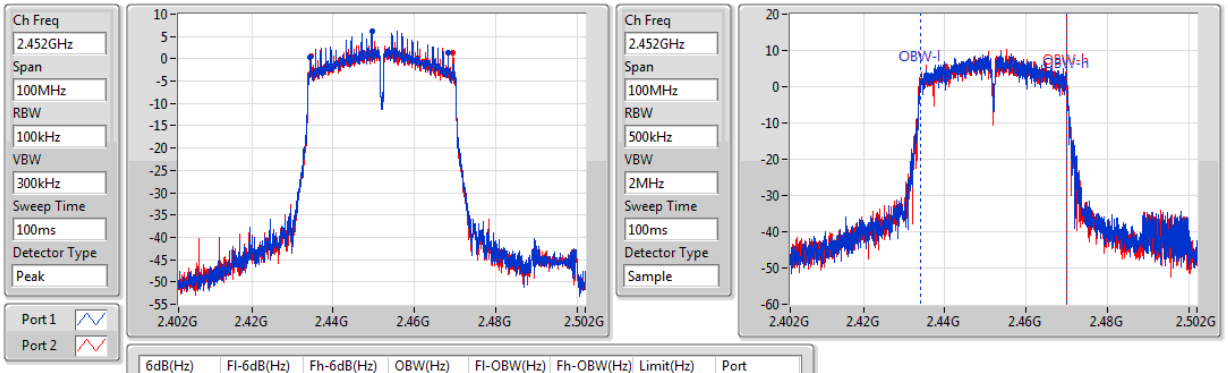


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.41945G	2.45455G	35.832M	2.419009G	2.454841G	500k	1
35M	2.4195G	2.4545G	35.982M	2.418959G	2.454941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

20/07/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.43445G	2.46825G	35.782M	2.434059G	2.469841G	500k	1
34.95M	2.43455G	2.4695G	35.882M	2.433959G	2.469841G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.99	0.99770
802.11g_Nss1,(6Mbps)_2TX	28.20	0.66069
802.11n HT20_Nss1,(MCS0)_2TX	27.95	0.62373
802.11n HT40_Nss1,(MCS0)_2TX	25.48	0.35318

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	26.82	26.80	29.82	30.00
2417MHz	Pass	3.50	26.92	26.68	29.81	30.00
2437MHz	Pass	3.50	26.83	26.80	29.83	30.00
2457MHz	Pass	3.50	27.02	26.93	29.99	30.00
2462MHz	Pass	3.50	26.97	26.56	29.78	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	23.83	23.66	26.76	30.00
2417MHz	Pass	3.50	25.16	25.03	28.11	30.00
2437MHz	Pass	3.50	25.28	25.10	28.20	30.00
2457MHz	Pass	3.50	24.87	24.60	27.75	30.00
2462MHz	Pass	3.50	23.43	23.05	26.25	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	23.43	23.55	26.50	30.00
2417MHz	Pass	3.50	24.35	24.51	27.44	30.00
2437MHz	Pass	3.50	24.95	24.93	27.95	30.00
2457MHz	Pass	3.50	23.96	23.82	26.90	30.00
2462MHz	Pass	3.50	22.52	22.20	25.37	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.50	20.61	20.48	23.56	30.00
2427MHz	Pass	3.50	21.35	21.05	24.21	30.00
2437MHz	Pass	3.50	22.67	22.26	25.48	30.00
2447MHz	Pass	3.50	21.26	20.96	24.12	30.00
2452MHz	Pass	3.50	18.53	18.22	21.39	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.96
802.11g_Nss1,(6Mbps)_2TX	-0.01
802.11n HT20_Nss1,(MCS0)_2TX	0.15
802.11n HT40_Nss1,(MCS0)_2TX	-4.62

RBW=3kHz.

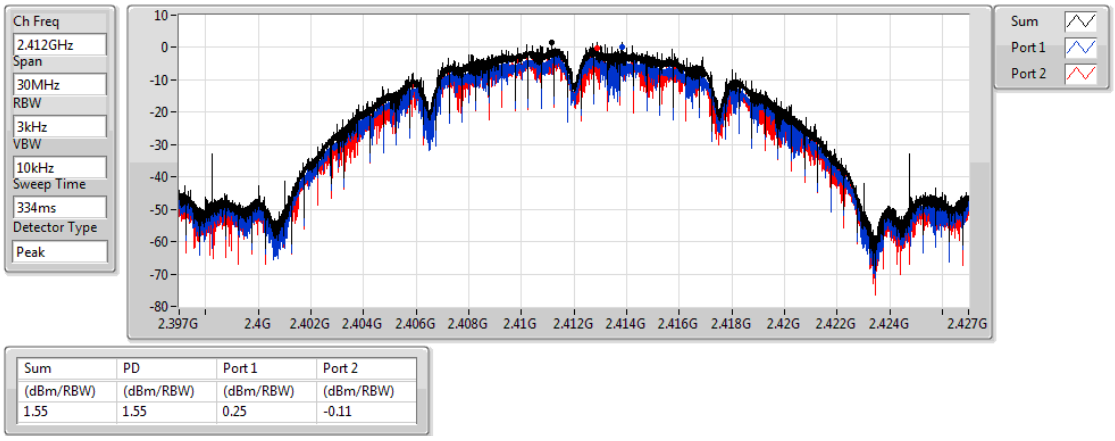
Result

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	6.51	0.25	-0.11	1.55	7.49
2437MHz	Pass	6.51	0.74	0.37	1.96	7.49
2462MHz	Pass	6.51	0.67	0.30	1.73	7.49
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	-2.71	-3.97	-1.01	7.49
2437MHz	Pass	6.51	-1.50	-2.48	-0.01	7.49
2462MHz	Pass	6.51	-3.86	-3.81	-1.25	7.49
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	-2.81	-2.35	-0.84	7.49
2437MHz	Pass	6.51	-1.80	-1.67	0.15	7.49
2462MHz	Pass	6.51	-3.78	-4.63	-2.50	7.49
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.51	-8.22	-7.45	-5.57	7.49
2437MHz	Pass	6.51	-6.47	-6.45	-4.62	7.49
2452MHz	Pass	6.51	-9.50	-9.72	-7.89	7.49

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

802.11b_Nss1,(1Mbps)_2TX PSD

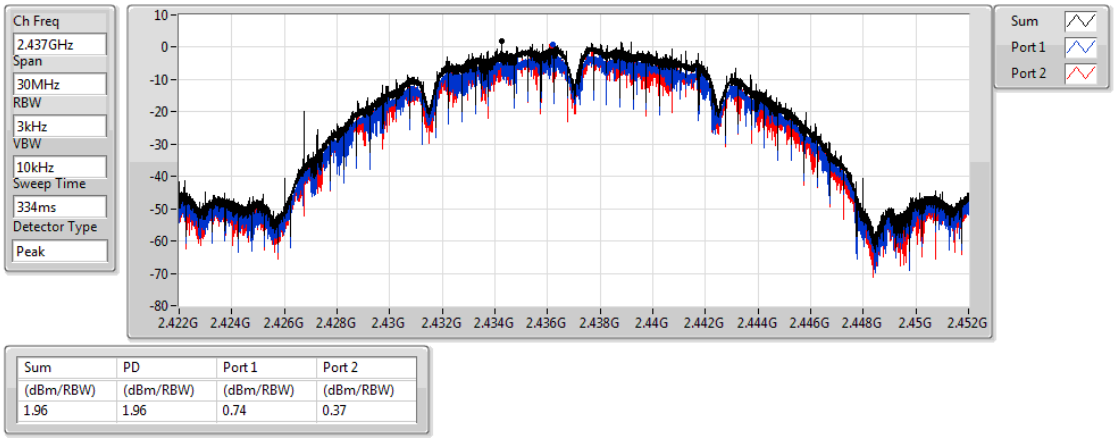
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.55	1.55	0.25	-0.11

802.11b_Nss1,(1Mbps)_2TX PSD

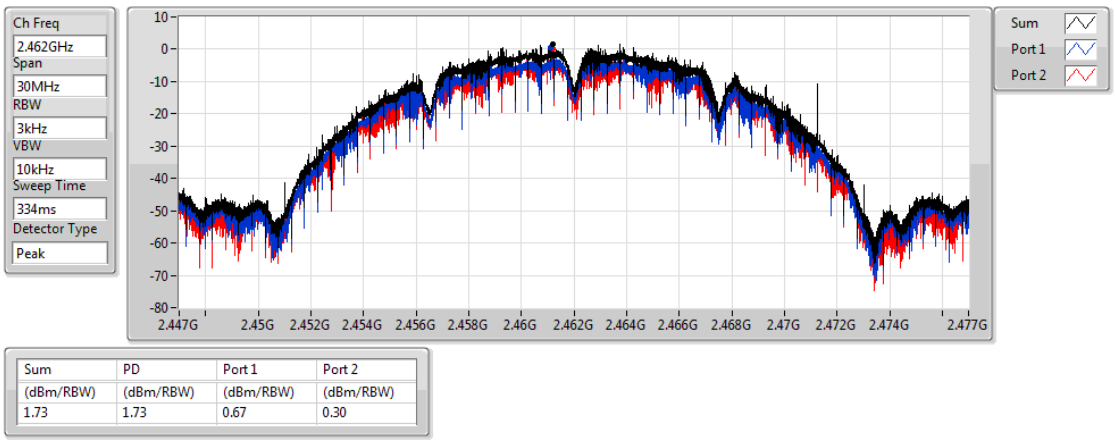
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.96	1.96	0.74	0.37

802.11b_Nss1,(1Mbps)_2TX PSD

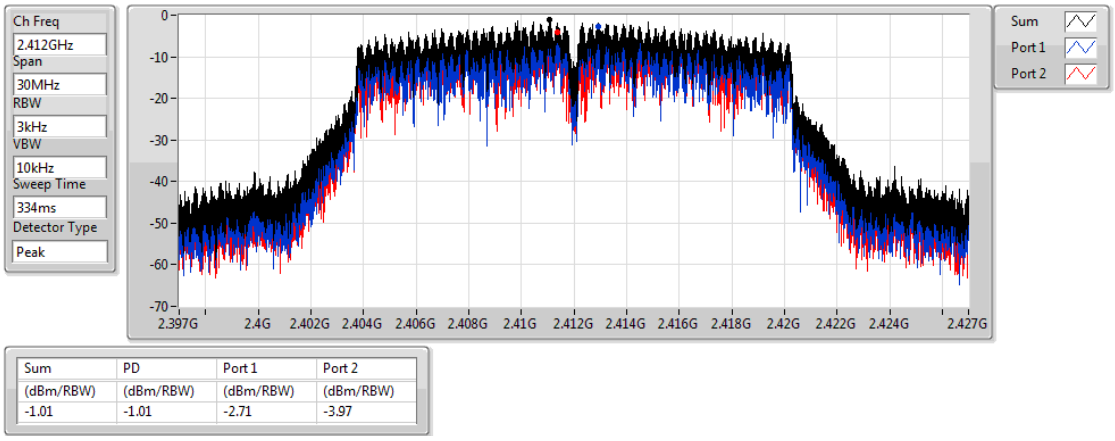
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.73	1.73	0.67	0.30

802.11g_Nss1,(6Mbps)_2TX PSD

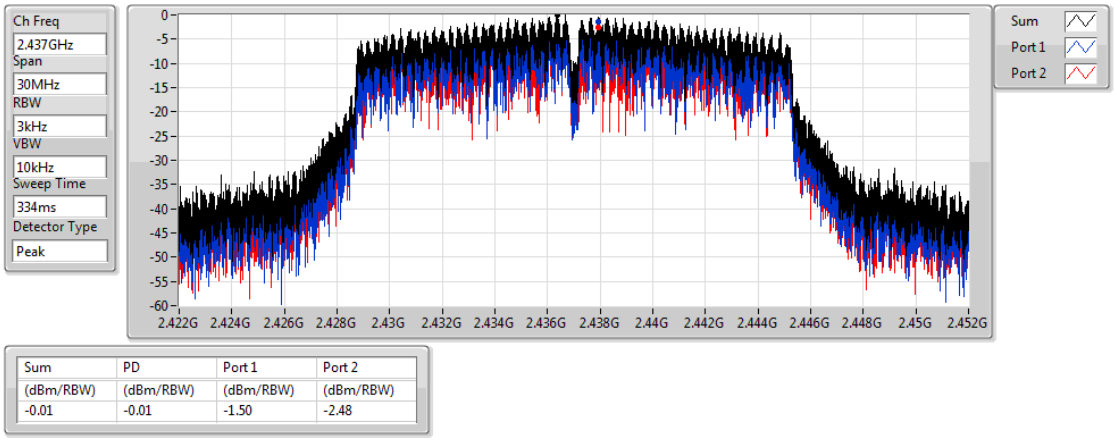
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.01	-1.01	-2.71	-3.97

802.11g_Nss1,(6Mbps)_2TX PSD

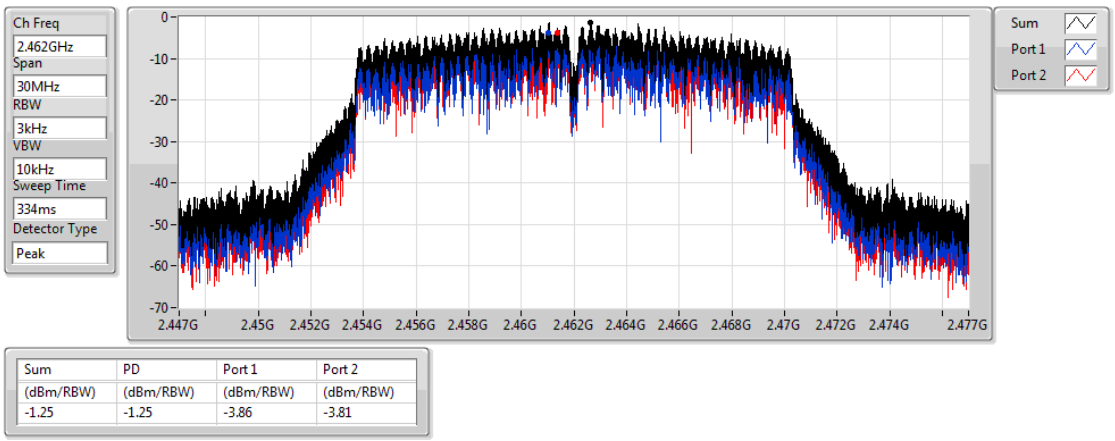
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.01	-0.01	-1.50	-2.48

802.11g_Nss1,(6Mbps)_2TX PSD

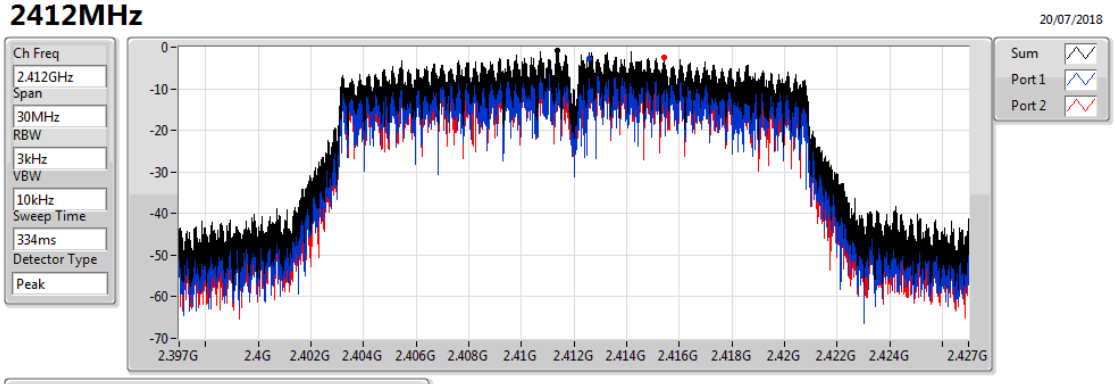
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.25	-1.25	-3.86	-3.81

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

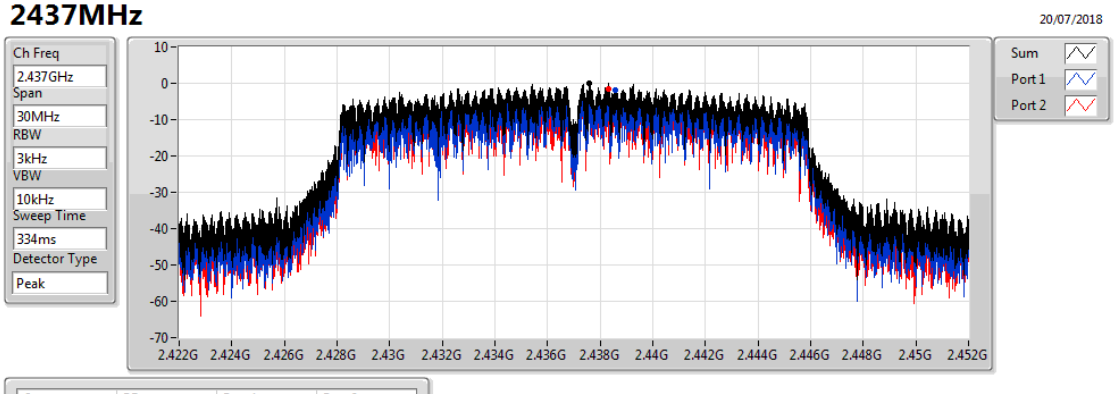
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.84	-0.84	-2.81	-2.35

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

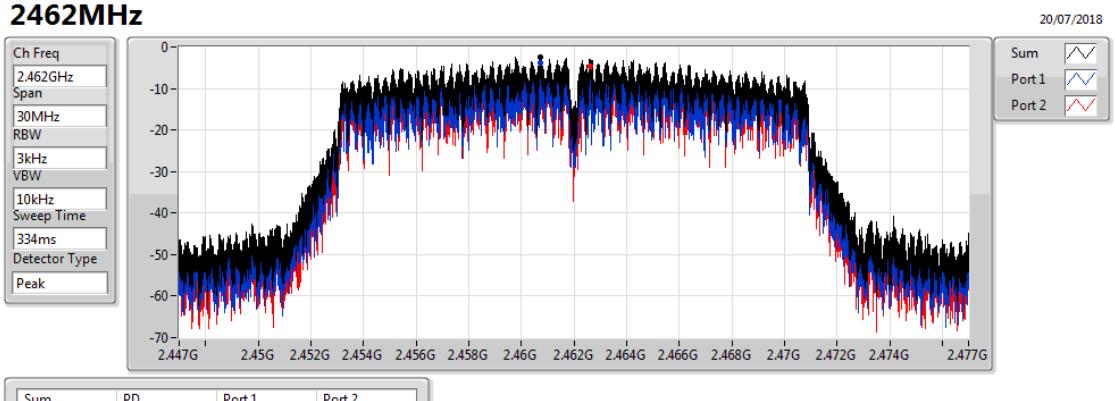
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.15	0.15	-1.80	-1.67

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

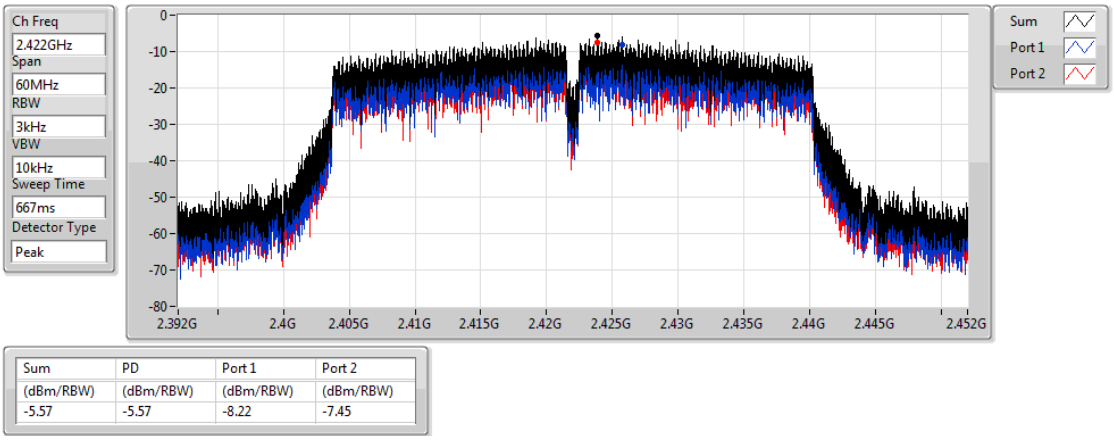
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.50	-2.50	-3.78	-4.63

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

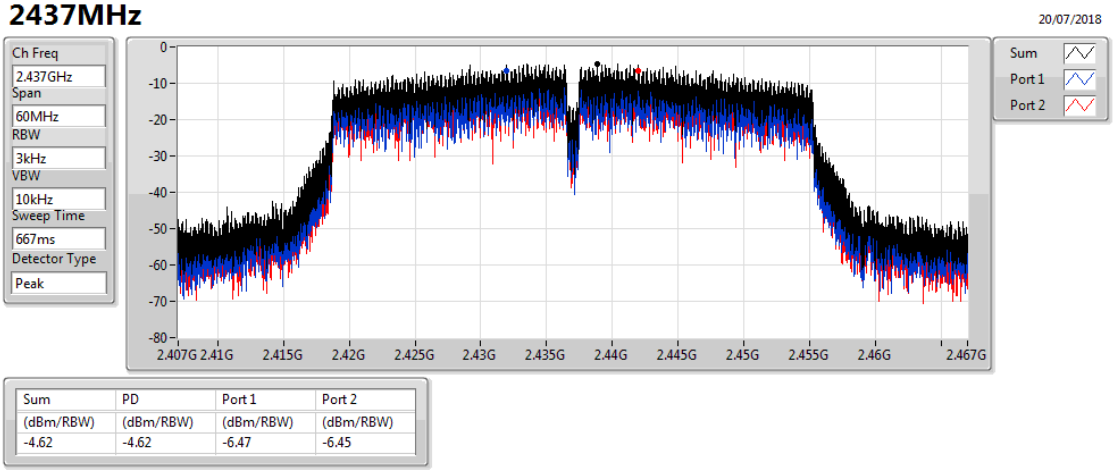
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.57	-5.57	-8.22	-7.45

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

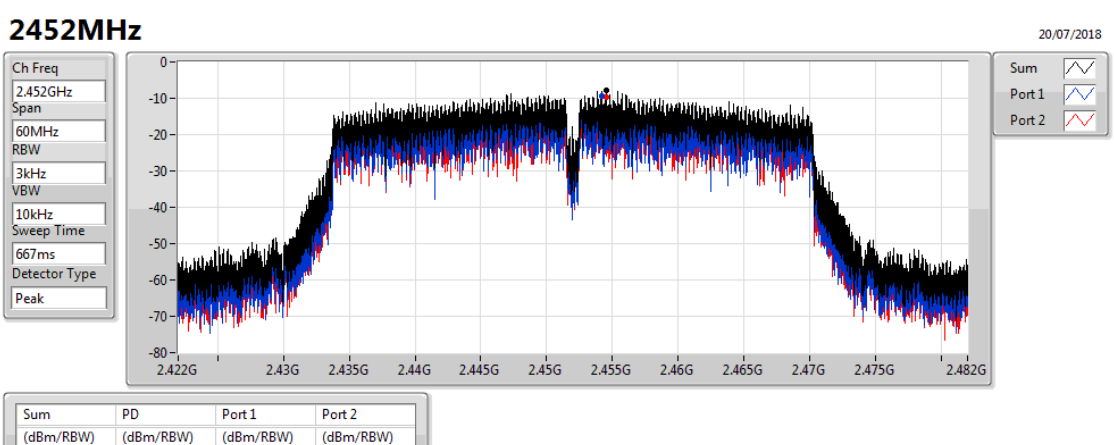
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.62	-4.62	-6.47	-6.45

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

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.89	-7.89	-9.50	-9.72

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	2.437408G	17.02	-12.98	2.30874G	-52.48	2.39704G	-26.75	2.48998G	-42.82	7.232327G	-44.92	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.434402G	14.13	-15.87	2.302915G	-51.69	2.39984G	-20.22	2.49918G	-41.35	7.235136G	-48.33	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.439579G	14.44	-15.56	2.30175G	-52.67	2.39872G	-24.33	2.48902G	-41.83	7.232327G	-48.60	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.439412G	10.25	-19.75	2.30855G	-51.23	2.39968G	-31.38	2.49918G	-42.11	2.5635G	-51.69	1

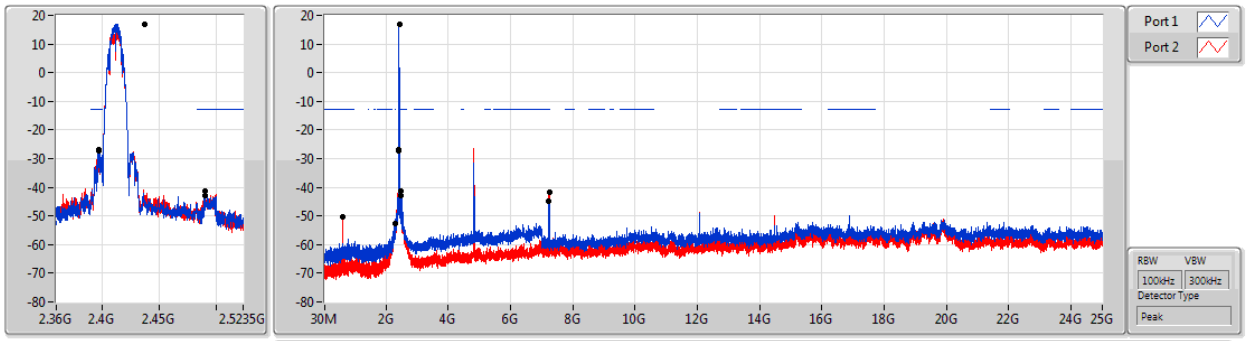
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.437408G	17.02	-12.98	2.30874G	-52.48	2.39704G	-26.75	2.48998G	-42.82	7.232327G	-44.92	1
2412MHz	Pass	2.437408G	17.02	-12.98	618.325M	-50.13	2.39704G	-27.41	2.48998G	-41.38	7.235136G	-41.84	2
2437MHz	Pass	2.437408G	17.02	-12.98	2.302915G	-52.76	2.39648G	-42.19	2.4991G	-41.27	14.621476G	-49.85	1
2437MHz	Pass	2.437408G	17.02	-12.98	668.42M	-50.61	2.39136G	-44.36	2.48902G	-41.52	14.621476G	-48.09	2
2462MHz	Pass	2.437408G	17.02	-12.98	2.30175G	-53.71	2.3916G	-43.59	2.49918G	-39.96	2.540357G	-47.71	1
2462MHz	Pass	2.437408G	17.02	-12.98	718.515M	-52.98	2.39928G	-45.07	2.48902G	-39.13	2.5235G	-48.56	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.434402G	14.13	-15.87	2.30408G	-51.97	2.39984G	-20.43	2.49198G	-40.18	7.237946G	-49.55	1
2412MHz	Pass	2.434402G	14.13	-15.87	2.302915G	-51.69	2.39984G	-20.22	2.49918G	-41.35	7.235136G	-48.33	2
2437MHz	Pass	2.434402G	14.13	-15.87	2.30874G	-48.79	2.39448G	-39.81	2.4935G	-38.64	2.545977G	-45.19	1
2437MHz	Pass	2.434402G	14.13	-15.87	2.30408G	-47.47	2.39672G	-38.47	2.48918G	-38.28	2.52631G	-45.03	2
2462MHz	Pass	2.434402G	14.13	-15.87	2.30408G	-54.78	2.39832G	-40.94	2.48358G	-36.57	2.529119G	-47.19	1
2462MHz	Pass	2.434402G	14.13	-15.87	2.30641G	-53.94	2.39848G	-44.87	2.4851G	-36.35	2.52631G	-48.62	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439579G	14.44	-15.56	2.30874G	-52.10	2.3992G	-26.73	2.49854G	-42.48	2.540357G	-50.44	1
2412MHz	Pass	2.439579G	14.44	-15.56	2.30175G	-52.67	2.39872G	-24.33	2.48902G	-41.83	7.232327G	-48.60	2
2437MHz	Pass	2.439579G	14.44	-15.56	2.30641G	-48.92	2.39928G	-38.81	2.50326G	-37.00	2.52631G	-45.33	1
2437MHz	Pass	2.439579G	14.44	-15.56	2.302915G	-52.38	2.39928G	-41.10	2.49982G	-40.92	2.529119G	-50.42	2
2462MHz	Pass	2.439579G	14.44	-15.56	2.307575G	-52.72	2.39184G	-45.16	2.48574G	-37.68	2.5235G	-48.26	1
2462MHz	Pass	2.439579G	14.44	-15.56	2.30175G	-52.70	2.39408G	-44.19	2.48638G	-37.34	2.537548G	-46.90	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.439412G	10.25	-19.75	2.30855G	-51.23	2.39968G	-31.38	2.49918G	-42.11	2.5635G	-51.69	1
2422MHz	Pass	2.439412G	10.25	-19.75	2.307405G	-52.30	2.39888G	-33.90	2.4995G	-42.39	2.583132G	-49.30	2
2437MHz	Pass	2.439412G	10.25	-19.75	2.30168G	-48.47	2.39808G	-36.01	2.4995G	-39.94	2.571914G	-47.05	1
2437MHz	Pass	2.439412G	10.25	-19.75	2.30168G	-51.90	2.39712G	-36.41	2.4891G	-40.38	2.5635G	-50.68	2
2452MHz	Pass	2.439412G	10.25	-19.75	2.30855G	-56.52	2.39856G	-49.54	2.4995G	-41.60	16.227329G	-52.05	1
2452MHz	Pass	2.439412G	10.25	-19.75	2.30397G	-57.47	2.392G	-48.56	2.49022G	-42.32	15.212077G	-53.88	2

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

2412MHz

20/07/2018

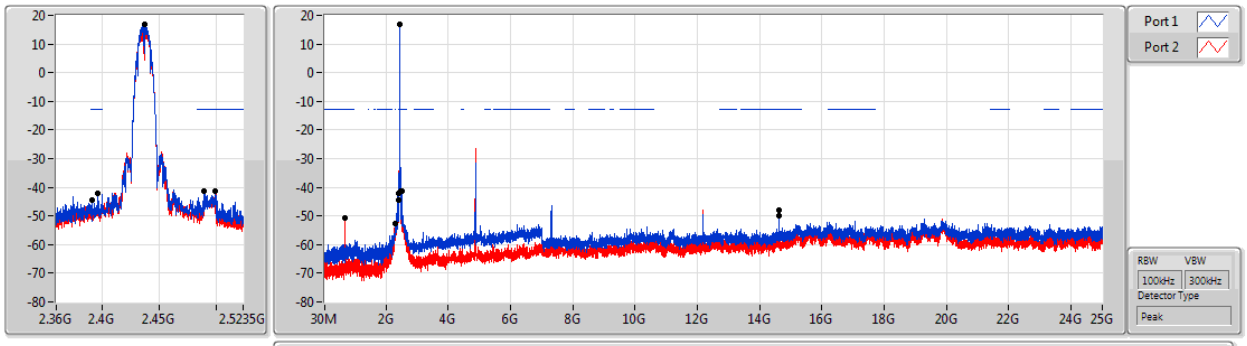


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437408G	17.02	-12.98	2.30874G	-52.48	2.39704G	-26.75	2.48998G	-42.82	7.232327G	-44.92	1
2.437408G	17.02	-12.98	618.325M	-50.13	2.39704G	-27.41	2.48998G	-41.38	7.235136G	-41.84	2

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

2437MHz

20/07/2018

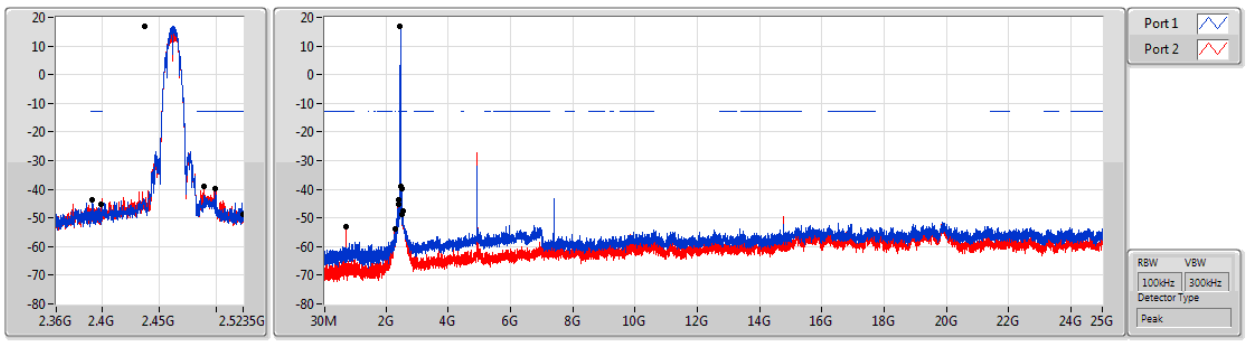


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437408G	17.02	-12.98	2.302915G	-52.76	2.39648G	-42.19	2.4991G	-41.27	14.621476G	-49.85	1
2.437408G	17.02	-12.98	668.42M	-50.61	2.39136G	-44.36	2.48902G	-41.52	14.621476G	-48.09	2

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

2462MHz

20/07/2018

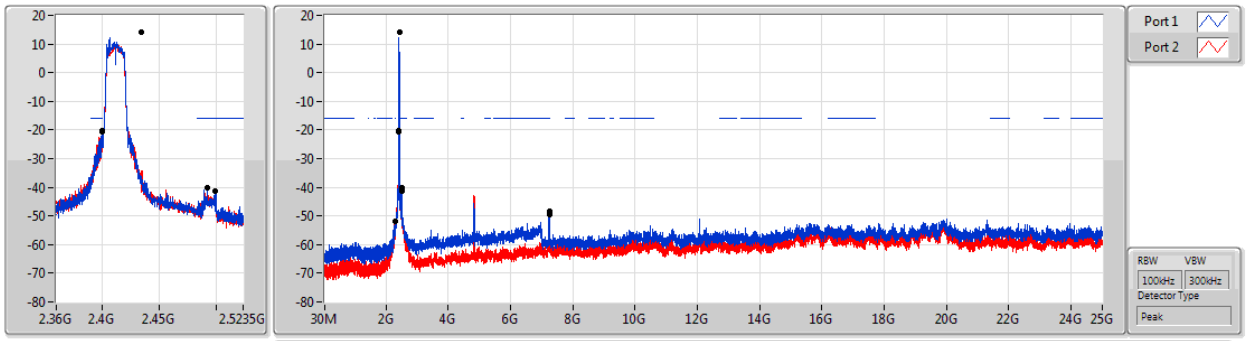


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437408G	17.02	-12.98	2.30175G	-53.71	2.3916G	-43.59	2.49918G	-39.96	2.540357G	-47.71	1
2.437408G	17.02	-12.98	718.515M	-52.98	2.39928G	-45.07	2.48902G	-39.13	2.5235G	-48.56	2

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

2412MHz

20/07/2018

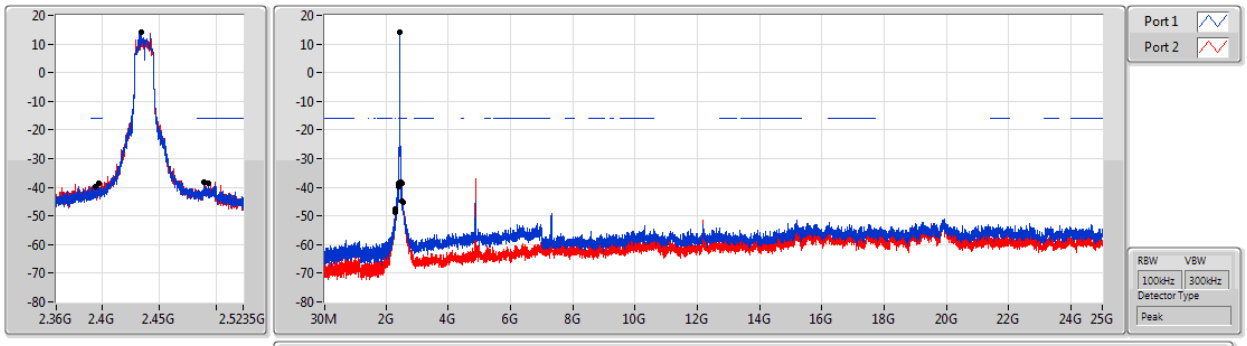


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	14.13	-15.87	2.30408G	-51.97	2.39984G	-20.43	2.49198G	-40.18	7.237946G	-49.55	1
2.434402G	14.13	-15.87	2.302915G	-51.69	2.39984G	-20.22	2.49918G	-41.35	7.235136G	-48.33	2

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

2437MHz

20/07/2018

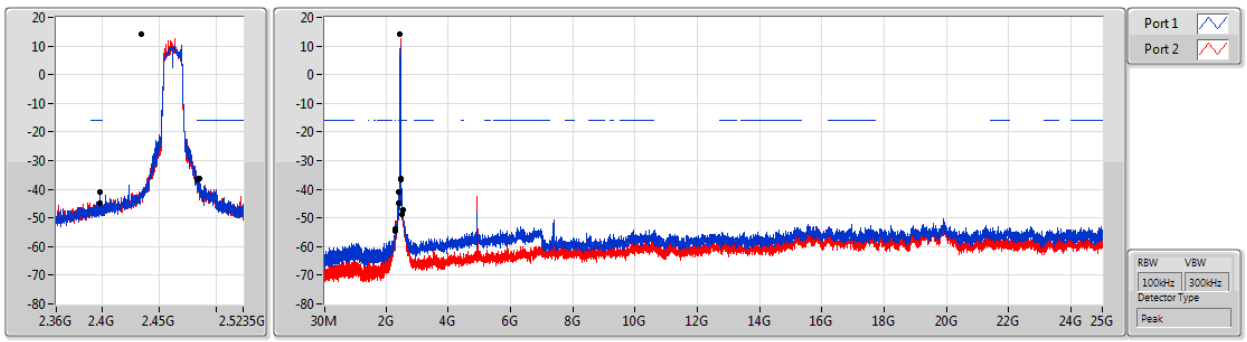


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	14.13	-15.87	2.30874G	-48.79	2.39448G	-39.81	2.4935G	-38.64	2.545977G	-45.19	1
2.434402G	14.13	-15.87	2.30408G	-47.47	2.39672G	-38.47	2.48918G	-38.28	2.52631G	-45.03	2

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

2462MHz

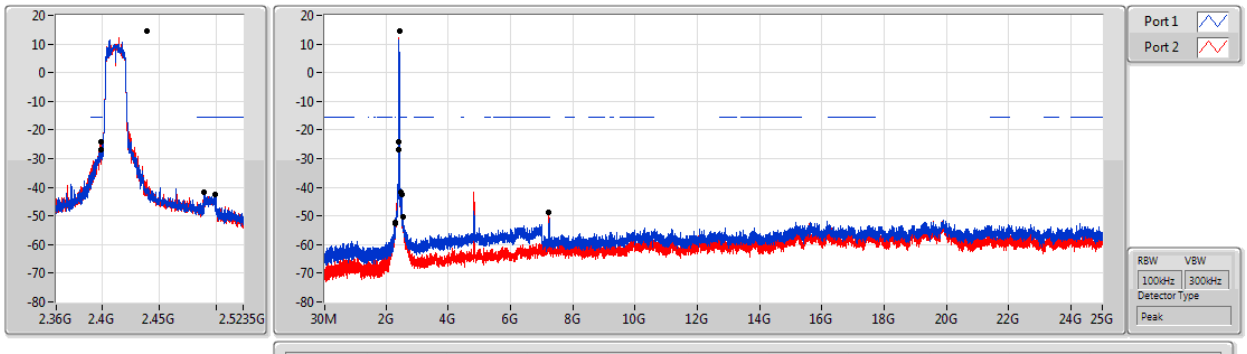
20/07/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	14.13	-15.87	2.30408G	-54.78	2.39832G	-40.94	2.48358G	-36.57	2.529119G	-47.19	1
2.434402G	14.13	-15.87	2.30641G	-53.94	2.39848G	-44.87	2.4851G	-36.35	2.52631G	-48.62	2

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

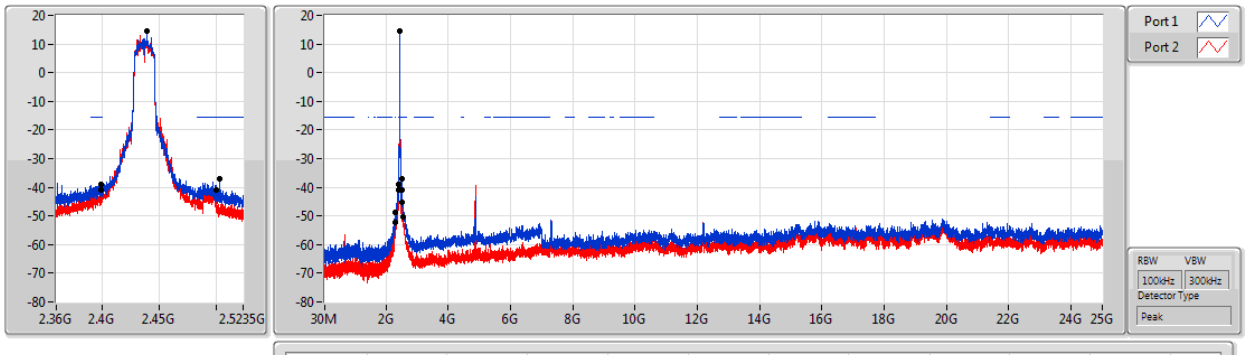
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	14.44	-15.56	2.30874G	-52.10	2.3992G	-26.73	2.49854G	-42.48	2.540357G	-50.44	1
2.439579G	14.44	-15.56	2.30175G	-52.67	2.39872G	-24.33	2.48902G	-41.83	7.232327G	-48.60	2

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

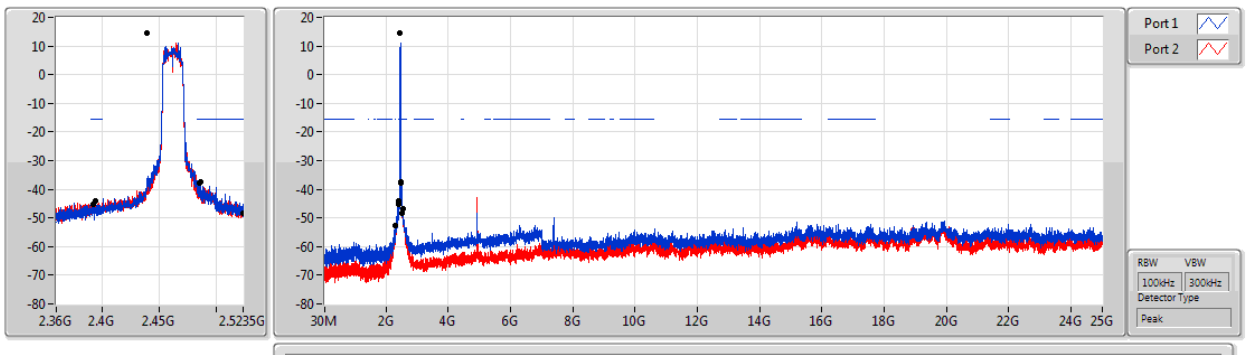
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	14.44	-15.56	2.30641G	-48.92	2.39928G	-38.81	2.50326G	-37.00	2.52631G	-45.33	1
2.439579G	14.44	-15.56	2.302915G	-52.38	2.39928G	-41.10	2.49982G	-40.92	2.529119G	-50.42	2

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

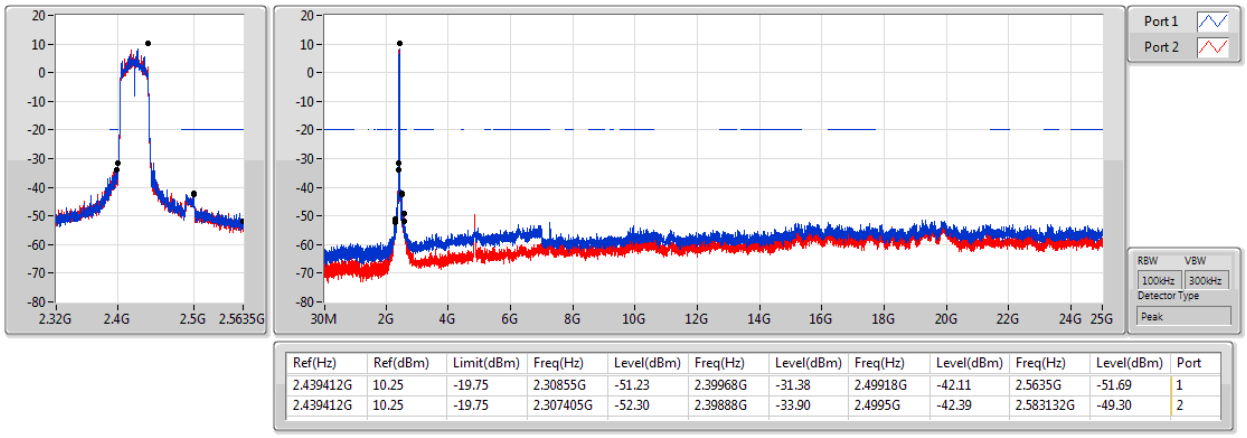
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	14.44	-15.56	2.307575G	-52.72	2.39184G	-45.16	2.48574G	-37.68	2.5235G	-48.26	1
2.439579G	14.44	-15.56	2.30175G	-52.70	2.39408G	-44.19	2.48638G	-37.34	2.537548G	-46.90	2

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

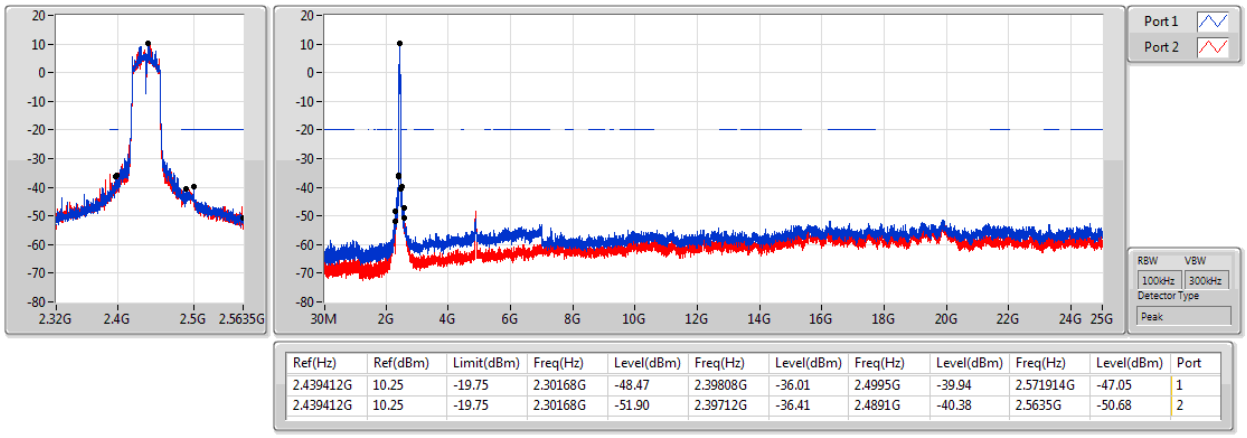
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	10.25	-19.75	2.30855G	-51.23	2.39968G	-31.38	2.49918G	-42.11	2.5635G	-51.69	1
2.439412G	10.25	-19.75	2.307405G	-52.30	2.39888G	-33.90	2.4995G	-42.39	2.583132G	-49.30	2

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

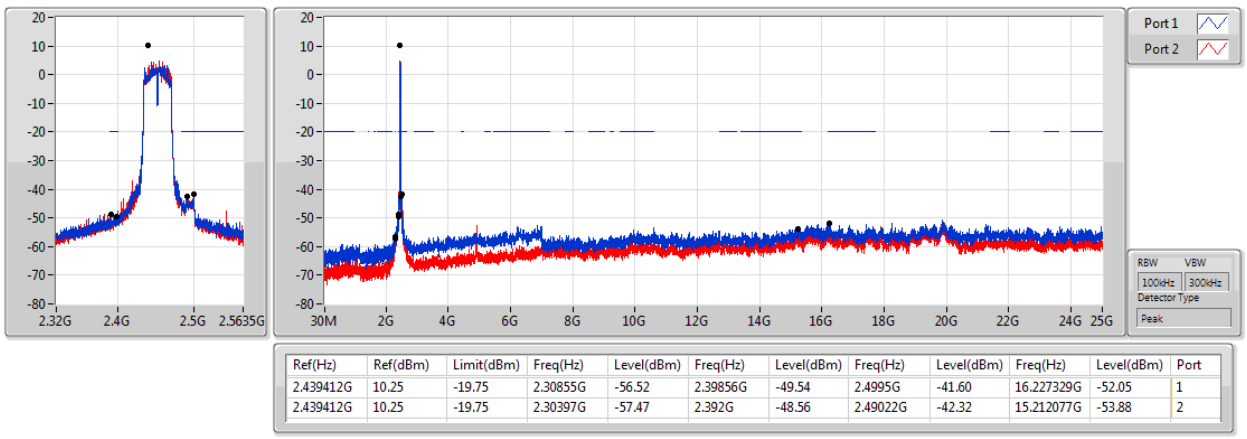
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	10.25	-19.75	2.30168G	-48.47	2.39808G	-36.01	2.4995G	-39.94	2.571914G	-47.05	1
2.439412G	10.25	-19.75	2.30168G	-51.90	2.39712G	-36.41	2.4891G	-40.38	2.5635G	-50.68	2

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

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	10.25	-19.75	2.30855G	-56.52	2.39856G	-49.54	2.4995G	-41.60	16.227329G	-52.05	1
2.439412G	10.25	-19.75	2.30397G	-57.47	2.392G	-48.56	2.49022G	-42.32	15.212077G	-53.88	2

Summary

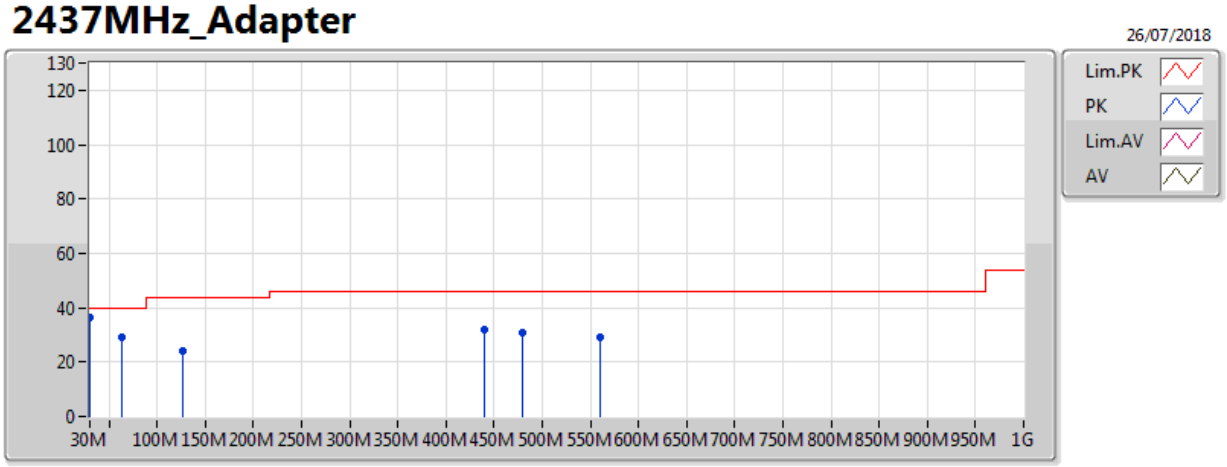
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	30M	36.40	40.00	-3.60	-2.89	3	Vertical	172	1.54	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	62.98M	29.15	40.00	-10.85	-15.13	3	Vertical	360	1.00	-
2437MHz	Pass	PK	127M	24.26	43.50	-19.24	-8.96	3	Vertical	360	1.00	-
2437MHz	Pass	PK	439.34M	31.96	46.00	-14.04	-3.28	3	Vertical	360	1.00	-
2437MHz	Pass	PK	480.08M	30.60	46.00	-15.40	-2.82	3	Vertical	360	1.00	-
2437MHz	Pass	PK	559.62M	28.88	46.00	-17.12	-1.37	3	Vertical	360	1.00	-
2437MHz	Pass	QP	30M	36.40	40.00	-3.60	-2.89	3	Vertical	172	1.54	-
2437MHz	Pass	PK	107.6M	24.70	43.50	-18.80	-9.29	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	181.32M	24.24	43.50	-19.26	-11.35	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	439.34M	30.01	46.00	-15.99	-3.28	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	561.56M	26.15	46.00	-19.85	-1.39	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	741.98M	27.27	46.00	-18.73	-0.37	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	31.94M	31.97	40.00	-8.03	-3.92	3	Horizontal	169	1.44	-

802.11n HT40_Nss1,(MCS0)_2TX

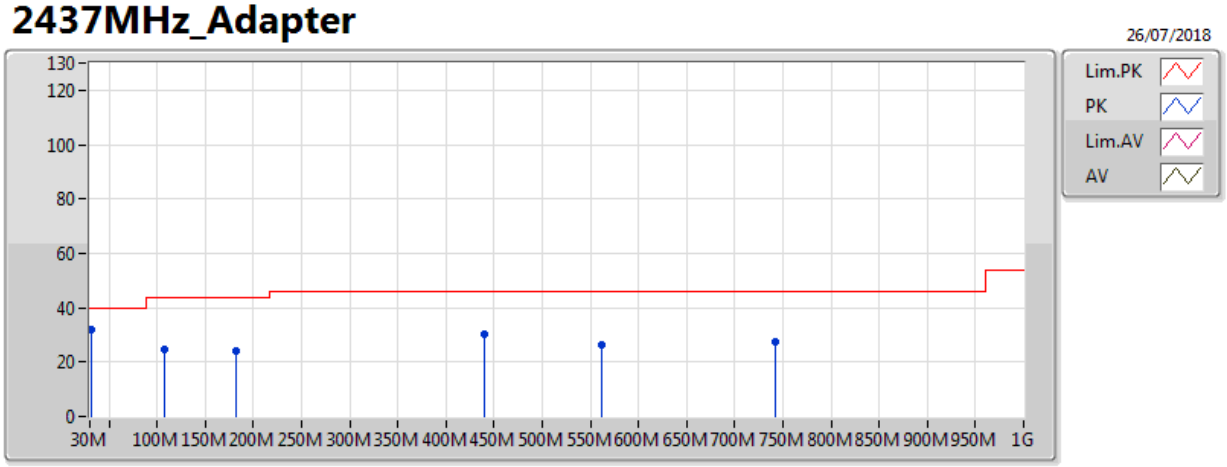
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	62.98M	29.15	40.00	-10.85	-15.13	3	Vertical	360	1.00	-
PK	127M	24.26	43.50	-19.24	-8.96	3	Vertical	360	1.00	-
PK	439.34M	31.96	46.00	-14.04	-3.28	3	Vertical	360	1.00	-
PK	480.08M	30.60	46.00	-15.40	-2.82	3	Vertical	360	1.00	-
PK	559.62M	28.88	46.00	-17.12	-1.37	3	Vertical	360	1.00	-
QP	30M	36.40	40.00	-3.60	-2.89	3	Vertical	172	1.54	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	107.6M	24.70	43.50	-18.80	-9.29	3	Horizontal	0	1.00	-
PK	181.32M	24.24	43.50	-19.26	-11.35	3	Horizontal	0	1.00	-
PK	439.34M	30.01	46.00	-15.99	-3.28	3	Horizontal	0	1.00	-
PK	561.56M	26.15	46.00	-19.85	-1.39	3	Horizontal	0	1.00	-
PK	741.98M	27.27	46.00	-18.73	-0.37	3	Horizontal	0	1.00	-
QP	31.94M	31.97	40.00	-8.03	-3.92	3	Horizontal	169	1.44	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.3858G	53.62	54.00	-0.38	30.76	3	Horizontal	91	1.84	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.389998G	53.81	54.00	-0.19	30.38	3	Vertical	230	1.33	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.389G	53.79	54.00	-0.21	30.77	3	Vertical	223	1.10	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.389G	53.88	54.00	-0.12	30.37	3	Vertical	228	1.31	-

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	2.3858G	52.33	54.00	-1.67	30.76	3	Vertical	164	1.53	-
2412MHz	Pass	AV	2.4094G	112.55	Inf	-Inf	30.84	3	Vertical	164	1.53	-
2412MHz	Pass	PK	2.386G	63.88	74.00	-10.12	30.76	3	Vertical	164	1.53	-
2412MHz	Pass	PK	2.4094G	115.84	Inf	-Inf	30.84	3	Vertical	164	1.53	-
2412MHz	Pass	AV	2.3858G	53.62	54.00	-0.38	30.76	3	Horizontal	91	1.84	-
2412MHz	Pass	AV	2.4112G	111.49	Inf	-Inf	30.85	3	Horizontal	91	1.84	-
2412MHz	Pass	PK	2.386G	63.20	74.00	-10.80	30.76	3	Horizontal	91	1.84	-
2412MHz	Pass	PK	2.4126G	114.53	Inf	-Inf	30.86	3	Horizontal	91	1.84	-
2412MHz	Pass	AV	4.82448G	49.51	54.00	-4.49	2.13	3	Vertical	355	2.70	-
2412MHz	Pass	PK	4.82442G	52.64	74.00	-21.36	2.13	3	Vertical	355	2.70	-
2412MHz	Pass	AV	4.82448G	42.41	54.00	-11.59	2.13	3	Horizontal	189	2.29	-
2412MHz	Pass	PK	4.82442G	48.29	74.00	-25.71	2.13	3	Horizontal	189	2.29	-
2417MHz	Pass	AV	2.389998G	52.30	54.00	-1.70	30.38	3	Vertical	162	1.50	-
2417MHz	Pass	AV	2.4164G	116.43	Inf	-Inf	30.47	3	Vertical	162	1.50	-
2417MHz	Pass	PK	2.389G	63.63	74.00	-10.37	30.37	3	Vertical	162	1.50	-
2417MHz	Pass	PK	2.4162G	120.22	Inf	-Inf	30.47	3	Vertical	162	1.50	-
2417MHz	Pass	AV	2.3862G	47.96	54.00	-6.04	30.37	3	Horizontal	67	2.35	-
2417MHz	Pass	AV	2.4164G	114.52	Inf	-Inf	30.47	3	Horizontal	67	2.35	-
2417MHz	Pass	PK	2.389998G	60.57	74.00	-13.43	30.38	3	Horizontal	67	2.35	-
2417MHz	Pass	PK	2.4158G	118.64	Inf	-Inf	30.46	3	Horizontal	67	2.35	-
2437MHz	Pass	AV	2.3858G	52.35	54.00	-1.65	30.76	3	Vertical	166	1.50	-
2437MHz	Pass	AV	2.4406G	113.41	Inf	-Inf	30.96	3	Vertical	166	1.50	-
2437MHz	Pass	AV	2.4854G	53.22	54.00	-0.78	31.12	3	Vertical	166	1.50	-
2437MHz	Pass	PK	2.3854G	63.04	74.00	-10.96	30.76	3	Vertical	166	1.50	-
2437MHz	Pass	PK	2.4406G	117.68	Inf	-Inf	30.96	3	Vertical	166	1.50	-
2437MHz	Pass	PK	2.4986G	65.08	74.00	-8.92	31.17	3	Vertical	166	1.50	-
2437MHz	Pass	AV	2.361G	46.86	54.00	-7.14	30.67	3	Horizontal	347	1.47	-
2437MHz	Pass	AV	2.439G	111.90	Inf	-Inf	30.95	3	Horizontal	347	1.47	-
2437MHz	Pass	AV	2.4838G	46.98	54.00	-7.02	31.11	3	Horizontal	347	1.47	-
2437MHz	Pass	PK	2.3674G	59.32	74.00	-14.68	30.70	3	Horizontal	347	1.47	-
2437MHz	Pass	PK	2.4382G	114.75	Inf	-Inf	30.95	3	Horizontal	347	1.47	-
2437MHz	Pass	PK	2.4882G	60.40	74.00	-13.60	31.13	3	Horizontal	347	1.47	-
2437MHz	Pass	AV	4.87452G	47.81	54.00	-6.19	2.26	3	Vertical	206	2.38	-
2437MHz	Pass	AV	7.311G	45.05	54.00	-8.95	8.00	3	Vertical	347	2.03	-
2437MHz	Pass	AV	12.18542G	48.88	54.00	-5.12	13.37	3	Vertical	351	1.97	-
2437MHz	Pass	PK	4.87436G	51.05	74.00	-22.95	2.26	3	Vertical	206	2.38	-
2437MHz	Pass	PK	7.31106G	53.41	74.00	-20.59	8.00	3	Vertical	347	2.03	-
2437MHz	Pass	PK	12.18542G	55.90	74.00	-18.10	13.37	3	Vertical	351	1.97	-
2437MHz	Pass	AV	4.87448G	44.43	54.00	-9.57	2.26	3	Horizontal	233	1.00	-
2437MHz	Pass	AV	7.31094G	42.31	54.00	-11.69	8.00	3	Horizontal	255	1.28	-
2437MHz	Pass	PK	4.87442G	48.99	74.00	-25.01	2.26	3	Horizontal	233	1.00	-
2437MHz	Pass	PK	7.31082G	51.07	74.00	-22.93	8.00	3	Horizontal	255	1.28	-
2457MHz	Pass	AV	2.4564G	116.28	Inf	-Inf	30.60	3	Vertical	270	1.32	-
2457MHz	Pass	AV	2.483502G	53.40	54.00	-0.60	30.69	3	Vertical	270	1.32	-
2457MHz	Pass	PK	2.4558G	120.28	Inf	-Inf	30.60	3	Vertical	270	1.32	-
2457MHz	Pass	PK	2.483502G	65.60	74.00	-8.40	30.69	3	Vertical	270	1.32	-
2457MHz	Pass	AV	2.4566G	113.61	Inf	-Inf	30.60	3	Horizontal	66	2.23	-

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	2.492G	49.90	54.00	-4.10	30.72	3	Horizontal	66	2.23	-
2457MHz	Pass	PK	2.4582G	117.79	Inf	-Inf	30.61	3	Horizontal	66	2.23	-
2457MHz	Pass	PK	2.4948G	63.92	74.00	-10.08	30.73	3	Horizontal	66	2.23	-
2462MHz	Pass	AV	2.4594G	112.63	Inf	-Inf	31.02	3	Vertical	165	1.50	-
2462MHz	Pass	AV	2.4864G	53.12	54.00	-0.88	31.12	3	Vertical	165	1.50	-
2462MHz	Pass	PK	2.4594G	115.66	Inf	-Inf	31.02	3	Vertical	165	1.50	-
2462MHz	Pass	PK	2.491G	65.09	74.00	-8.91	31.13	3	Vertical	165	1.50	-
2462MHz	Pass	AV	2.4594G	112.75	Inf	-Inf	31.02	3	Horizontal	108	2.62	-
2462MHz	Pass	AV	2.483502G	53.59	54.00	-0.41	31.11	3	Horizontal	108	2.62	-
2462MHz	Pass	PK	2.4592G	115.72	Inf	-Inf	31.02	3	Horizontal	108	2.62	-
2462MHz	Pass	PK	2.4854G	63.75	74.00	-10.25	31.12	3	Horizontal	108	2.62	-
2462MHz	Pass	AV	4.92449G	47.38	54.00	-6.62	2.38	3	Vertical	208	2.30	-
2462MHz	Pass	PK	4.92453G	51.26	74.00	-22.74	2.38	3	Vertical	208	2.30	-
2462MHz	Pass	AV	4.92452G	43.97	54.00	-10.03	2.38	3	Horizontal	197	2.22	-
2462MHz	Pass	PK	4.92437G	49.45	74.00	-24.55	2.38	3	Horizontal	197	2.22	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	53.50	54.00	-0.50	30.77	3	Vertical	226	1.07	-
2412MHz	Pass	AV	2.4102G	108.06	Inf	-Inf	30.85	3	Vertical	226	1.07	-
2412MHz	Pass	PK	2.389998G	71.97	74.00	-2.03	30.77	3	Vertical	226	1.07	-
2412MHz	Pass	PK	2.4104G	117.23	Inf	-Inf	30.85	3	Vertical	226	1.07	-
2412MHz	Pass	AV	2.3878G	47.08	54.00	-6.92	30.77	3	Horizontal	328	1.13	-
2412MHz	Pass	AV	2.413G	104.21	Inf	-Inf	30.86	3	Horizontal	328	1.13	-
2412MHz	Pass	PK	2.388G	62.05	74.00	-11.95	30.77	3	Horizontal	328	1.13	-
2412MHz	Pass	PK	2.4134G	112.93	Inf	-Inf	30.86	3	Horizontal	328	1.13	-
2412MHz	Pass	AV	4.8281G	30.01	54.00	-23.99	2.14	3	Vertical	124	1.46	-
2412MHz	Pass	PK	4.82234G	42.49	74.00	-31.51	2.13	3	Vertical	124	1.46	-
2412MHz	Pass	AV	4.82782G	30.07	54.00	-23.93	2.14	3	Horizontal	84	1.57	-
2412MHz	Pass	PK	4.82304G	42.78	74.00	-31.22	2.13	3	Horizontal	84	1.57	-
2417MHz	Pass	AV	2.389998G	53.81	54.00	-0.19	30.38	3	Vertical	230	1.33	-
2417MHz	Pass	AV	2.4156G	108.87	Inf	-Inf	30.46	3	Vertical	230	1.33	-
2417MHz	Pass	PK	2.3898G	67.60	74.00	-6.40	30.38	3	Vertical	230	1.33	-
2417MHz	Pass	PK	2.4154G	118.51	Inf	-Inf	30.46	3	Vertical	230	1.33	-
2417MHz	Pass	AV	2.388G	48.06	54.00	-5.94	30.37	3	Horizontal	61	2.58	-
2417MHz	Pass	AV	2.4176G	104.36	Inf	-Inf	30.47	3	Horizontal	61	2.58	-
2417MHz	Pass	PK	2.3882G	61.88	74.00	-12.12	30.37	3	Horizontal	61	2.58	-
2417MHz	Pass	PK	2.418G	113.59	Inf	-Inf	30.47	3	Horizontal	61	2.58	-
2437MHz	Pass	AV	2.3898G	52.37	54.00	-1.63	30.77	3	Vertical	214	1.30	-
2437MHz	Pass	AV	2.439G	109.48	Inf	-Inf	30.95	3	Vertical	214	1.30	-
2437MHz	Pass	AV	2.4894G	53.74	54.00	-0.26	31.13	3	Vertical	214	1.30	-
2437MHz	Pass	PK	2.385G	64.33	74.00	-9.67	30.76	3	Vertical	214	1.30	-
2437MHz	Pass	PK	2.4382G	118.40	Inf	-Inf	30.95	3	Vertical	214	1.30	-
2437MHz	Pass	PK	2.495G	67.46	74.00	-6.54	31.16	3	Vertical	214	1.30	-
2437MHz	Pass	AV	2.3882G	48.09	54.00	-5.91	30.77	3	Horizontal	325	1.41	-
2437MHz	Pass	AV	2.4382G	105.09	Inf	-Inf	30.95	3	Horizontal	325	1.41	-
2437MHz	Pass	AV	2.4978G	48.23	54.00	-5.77	31.16	3	Horizontal	325	1.41	-
2437MHz	Pass	PK	2.3826G	60.60	74.00	-13.40	30.75	3	Horizontal	325	1.41	-
2437MHz	Pass	PK	2.4378G	113.34	Inf	-Inf	30.95	3	Horizontal	325	1.41	-
2437MHz	Pass	PK	2.493G	61.92	74.00	-12.08	31.14	3	Horizontal	325	1.41	-
2437MHz	Pass	AV	4.8767G	34.37	54.00	-19.63	2.26	3	Vertical	63	1.97	-

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	4.8705G	46.86	74.00	-27.14	2.25	3	Vertical	63	1.97	-
2437MHz	Pass	AV	4.8783G	30.56	54.00	-23.44	2.27	3	Horizontal	14	2.30	-
2437MHz	Pass	PK	4.87742G	43.44	74.00	-30.56	2.26	3	Horizontal	14	2.30	-
2457MHz	Pass	AV	2.4562G	107.81	Inf	-Inf	30.60	3	Vertical	268	1.06	-
2457MHz	Pass	AV	2.4918G	53.57	54.00	-0.43	30.72	3	Vertical	268	1.06	-
2457MHz	Pass	PK	2.4564G	117.10	Inf	-Inf	30.60	3	Vertical	268	1.06	-
2457MHz	Pass	PK	2.4926G	68.04	74.00	-5.96	30.72	3	Vertical	268	1.06	-
2457MHz	Pass	AV	2.4576G	104.79	Inf	-Inf	30.61	3	Horizontal	66	2.23	-
2457MHz	Pass	AV	2.4922G	51.02	54.00	-2.98	30.72	3	Horizontal	66	2.23	-
2457MHz	Pass	PK	2.4578G	113.70	Inf	-Inf	30.61	3	Horizontal	66	2.23	-
2457MHz	Pass	PK	2.4888G	66.53	74.00	-7.47	30.71	3	Horizontal	66	2.23	-
2462MHz	Pass	AV	2.4638G	107.43	Inf	-Inf	31.04	3	Vertical	210	1.02	-
2462MHz	Pass	AV	2.4842G	53.59	54.00	-0.41	31.12	3	Vertical	210	1.02	-
2462MHz	Pass	PK	2.4634G	116.45	Inf	-Inf	31.04	3	Vertical	210	1.02	-
2462MHz	Pass	PK	2.4844G	71.58	74.00	-2.42	31.12	3	Vertical	210	1.02	-
2462MHz	Pass	AV	2.4616G	105.84	Inf	-Inf	31.03	3	Horizontal	102	2.88	-
2462MHz	Pass	AV	2.4862G	50.79	54.00	-3.21	31.12	3	Horizontal	102	2.88	-
2462MHz	Pass	PK	2.4614G	115.21	Inf	-Inf	31.03	3	Horizontal	102	2.88	-
2462MHz	Pass	PK	2.4872G	66.28	74.00	-7.72	31.12	3	Horizontal	102	2.88	-
2462MHz	Pass	AV	4.92568G	31.03	54.00	-22.97	2.38	3	Vertical	359	2.14	-
2462MHz	Pass	PK	4.92348G	43.89	74.00	-30.11	2.38	3	Vertical	359	2.14	-
2462MHz	Pass	AV	4.92892G	30.84	54.00	-23.16	2.39	3	Horizontal	196	1.72	-
2462MHz	Pass	PK	4.92638G	44.30	74.00	-29.70	2.39	3	Horizontal	196	1.72	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	53.79	54.00	-0.21	30.77	3	Vertical	223	1.10	-
2412MHz	Pass	AV	2.4138G	107.61	Inf	-Inf	30.86	3	Vertical	223	1.10	-
2412MHz	Pass	PK	2.389998G	68.66	74.00	-5.34	30.77	3	Vertical	223	1.10	-
2412MHz	Pass	PK	2.4114G	116.83	Inf	-Inf	30.85	3	Vertical	223	1.10	-
2412MHz	Pass	AV	2.389998G	48.61	54.00	-5.39	30.77	3	Horizontal	324	1.13	-
2412MHz	Pass	AV	2.4126G	103.47	Inf	-Inf	30.86	3	Horizontal	324	1.13	-
2412MHz	Pass	PK	2.389998G	66.10	74.00	-7.90	30.77	3	Horizontal	324	1.13	-
2412MHz	Pass	PK	2.4146G	111.79	Inf	-Inf	30.86	3	Horizontal	324	1.13	-
2412MHz	Pass	AV	4.82698G	30.10	54.00	-23.90	2.14	3	Vertical	153	1.26	-
2412MHz	Pass	PK	4.82838G	43.05	74.00	-30.95	2.14	3	Vertical	153	1.26	-
2412MHz	Pass	AV	4.8269G	30.12	54.00	-23.88	2.14	3	Horizontal	350	1.30	-
2412MHz	Pass	PK	4.8272G	43.49	74.00	-30.51	2.14	3	Horizontal	350	1.30	-
2417MHz	Pass	AV	2.389G	53.67	54.00	-0.33	30.37	3	Vertical	227	1.44	-
2417MHz	Pass	AV	2.4188G	107.51	Inf	-Inf	30.47	3	Vertical	227	1.44	-
2417MHz	Pass	PK	2.3884G	69.24	74.00	-4.76	30.37	3	Vertical	227	1.44	-
2417MHz	Pass	PK	2.4164G	118.29	Inf	-Inf	30.47	3	Vertical	227	1.44	-
2417MHz	Pass	AV	2.3898G	50.18	54.00	-3.82	30.38	3	Horizontal	69	2.91	-
2417MHz	Pass	AV	2.4176G	104.44	Inf	-Inf	30.47	3	Horizontal	69	2.91	-
2417MHz	Pass	PK	2.3896G	64.96	74.00	-9.04	30.38	3	Horizontal	69	2.91	-
2417MHz	Pass	PK	2.4196G	114.08	Inf	-Inf	30.48	3	Horizontal	69	2.91	-
2437MHz	Pass	AV	2.3898G	52.54	54.00	-1.46	30.77	3	Vertical	150	1.32	-
2437MHz	Pass	AV	2.4394G	108.77	Inf	-Inf	30.95	3	Vertical	150	1.32	-
2437MHz	Pass	AV	2.4894G	53.23	54.00	-0.77	31.13	3	Vertical	150	1.32	-
2437MHz	Pass	PK	2.3898G	65.23	74.00	-8.77	30.77	3	Vertical	150	1.32	-
2437MHz	Pass	PK	2.439G	118.82	Inf	-Inf	30.95	3	Vertical	150	1.32	-

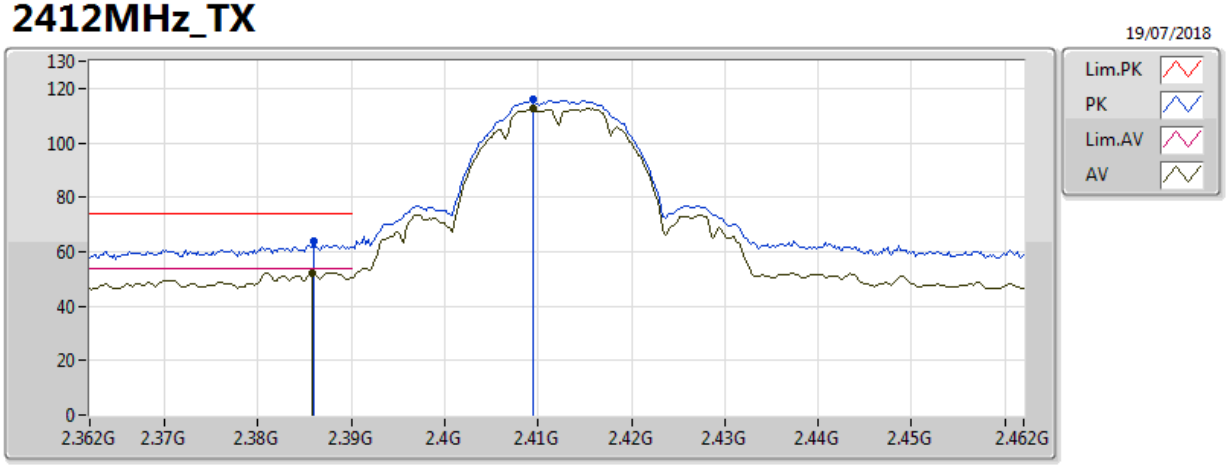
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.489G	66.51	74.00	-7.49	31.13	3	Vertical	150	1.32	-
2437MHz	Pass	AV	2.3898G	48.95	54.00	-5.05	30.77	3	Horizontal	46	3.16	-
2437MHz	Pass	AV	2.4378G	105.91	Inf	-Inf	30.95	3	Horizontal	46	3.16	-
2437MHz	Pass	AV	2.4918G	50.51	54.00	-3.49	31.14	3	Horizontal	46	3.16	-
2437MHz	Pass	PK	2.3774G	61.36	74.00	-12.64	30.73	3	Horizontal	46	3.16	-
2437MHz	Pass	PK	2.4402G	114.53	Inf	-Inf	30.95	3	Horizontal	46	3.16	-
2437MHz	Pass	PK	2.489G	64.88	74.00	-9.12	31.13	3	Horizontal	46	3.16	-
2437MHz	Pass	AV	4.8777G	34.12	54.00	-19.88	2.26	3	Vertical	166	1.97	-
2437MHz	Pass	PK	4.8801G	46.82	74.00	-27.18	2.27	3	Vertical	166	1.97	-
2437MHz	Pass	AV	4.87206G	30.65	54.00	-23.35	2.25	3	Horizontal	141	1.81	-
2437MHz	Pass	PK	4.87172G	43.38	74.00	-30.62	2.25	3	Horizontal	141	1.81	-
2457MHz	Pass	AV	2.4568G	107.03	Inf	-Inf	30.60	3	Vertical	270	1.07	-
2457MHz	Pass	AV	2.4916G	53.07	54.00	-0.93	30.72	3	Vertical	270	1.07	-
2457MHz	Pass	PK	2.459G	116.77	Inf	-Inf	30.61	3	Vertical	270	1.07	-
2457MHz	Pass	PK	2.494G	67.65	74.00	-6.35	30.73	3	Vertical	270	1.07	-
2457MHz	Pass	AV	2.4576G	103.21	Inf	-Inf	30.61	3	Horizontal	319	1.00	-
2457MHz	Pass	AV	2.4918G	48.91	54.00	-5.09	30.72	3	Horizontal	319	1.00	-
2457MHz	Pass	PK	2.4602G	112.24	Inf	-Inf	30.61	3	Horizontal	319	1.00	-
2457MHz	Pass	PK	2.4908G	64.04	74.00	-9.96	30.72	3	Horizontal	319	1.00	-
2462MHz	Pass	AV	2.4636G	106.12	Inf	-Inf	31.04	3	Vertical	220	1.02	-
2462MHz	Pass	AV	2.483502G	53.78	54.00	-0.22	31.11	3	Vertical	220	1.02	-
2462MHz	Pass	PK	2.461G	116.21	Inf	-Inf	31.03	3	Vertical	220	1.02	-
2462MHz	Pass	PK	2.483502G	69.30	74.00	-4.70	31.11	3	Vertical	220	1.02	-
2462MHz	Pass	AV	2.4616G	104.07	Inf	-Inf	31.03	3	Horizontal	93	2.56	-
2462MHz	Pass	AV	2.4842G	50.33	54.00	-3.67	31.12	3	Horizontal	93	2.56	-
2462MHz	Pass	PK	2.464G	113.44	Inf	-Inf	31.04	3	Horizontal	93	2.56	-
2462MHz	Pass	PK	2.4846G	63.29	74.00	-10.71	31.12	3	Horizontal	93	2.56	-
2462MHz	Pass	AV	4.92638G	31.04	54.00	-22.96	2.39	3	Vertical	29	1.74	-
2462MHz	Pass	PK	4.92518G	43.63	74.00	-30.37	2.38	3	Vertical	29	1.74	-
2462MHz	Pass	AV	4.92812G	30.94	54.00	-23.06	2.39	3	Horizontal	354	1.08	-
2462MHz	Pass	PK	4.92002G	43.66	74.00	-30.34	2.37	3	Horizontal	354	1.08	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3884G	53.55	54.00	-0.45	30.77	3	Vertical	215	1.21	-
2422MHz	Pass	AV	2.4208G	103.49	Inf	-Inf	30.88	3	Vertical	215	1.21	-
2422MHz	Pass	AV	2.4964G	50.17	54.00	-3.83	31.16	3	Vertical	215	1.21	-
2422MHz	Pass	PK	2.389998G	66.65	74.00	-7.35	30.77	3	Vertical	215	1.21	-
2422MHz	Pass	PK	2.4204G	112.09	Inf	-Inf	30.88	3	Vertical	215	1.21	-
2422MHz	Pass	PK	2.4956G	63.48	74.00	-10.52	31.16	3	Vertical	215	1.21	-
2422MHz	Pass	AV	2.389998G	52.28	54.00	-1.72	30.77	3	Horizontal	191	2.85	-
2422MHz	Pass	AV	2.4204G	101.05	Inf	-Inf	30.88	3	Horizontal	191	2.85	-
2422MHz	Pass	AV	2.4972G	48.17	54.00	-5.83	31.16	3	Horizontal	191	2.85	-
2422MHz	Pass	PK	2.389998G	63.48	74.00	-10.52	30.77	3	Horizontal	191	2.85	-
2422MHz	Pass	PK	2.4204G	109.80	Inf	-Inf	30.88	3	Horizontal	191	2.85	-
2422MHz	Pass	PK	2.4896G	61.86	74.00	-12.14	31.13	3	Horizontal	191	2.85	-
2422MHz	Pass	AV	4.85498G	31.10	54.00	-22.90	2.21	3	Vertical	139	1.30	-
2422MHz	Pass	PK	4.85018G	43.78	74.00	-30.22	2.20	3	Vertical	139	1.30	-
2422MHz	Pass	AV	4.85006G	31.00	54.00	-23.00	2.20	3	Horizontal	97	1.84	-
2422MHz	Pass	PK	4.83728G	43.55	74.00	-30.45	2.16	3	Horizontal	97	1.84	-
2427MHz	Pass	AV	2.389G	53.88	54.00	-0.12	30.37	3	Vertical	228	1.31	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	AV	2.4286G	103.85	Inf	-Inf	30.51	3	Vertical	228	1.31	-
2427MHz	Pass	AV	2.483502G	49.80	54.00	-4.20	30.69	3	Vertical	228	1.31	-
2427MHz	Pass	PK	2.3886G	66.11	74.00	-7.89	30.37	3	Vertical	228	1.31	-
2427MHz	Pass	PK	2.429G	112.92	Inf	-Inf	30.51	3	Vertical	228	1.31	-
2427MHz	Pass	PK	2.4838G	61.35	74.00	-12.65	30.69	3	Vertical	228	1.31	-
2427MHz	Pass	AV	2.3894G	49.59	54.00	-4.41	30.37	3	Horizontal	67	2.91	-
2427MHz	Pass	AV	2.425G	99.52	Inf	-Inf	30.49	3	Horizontal	67	2.91	-
2427MHz	Pass	AV	2.4994G	47.99	54.00	-6.01	30.75	3	Horizontal	67	2.91	-
2427MHz	Pass	PK	2.3898G	62.69	74.00	-11.31	30.38	3	Horizontal	67	2.91	-
2427MHz	Pass	PK	2.4222G	108.69	Inf	-Inf	30.49	3	Horizontal	67	2.91	-
2427MHz	Pass	PK	2.4966G	63.45	74.00	-10.55	30.74	3	Horizontal	67	2.91	-
2437MHz	Pass	AV	2.3886G	52.78	54.00	-1.22	30.77	3	Vertical	220	1.04	-
2437MHz	Pass	AV	2.4386G	106.47	Inf	-Inf	30.95	3	Vertical	220	1.04	-
2437MHz	Pass	AV	2.4838G	53.16	54.00	-0.84	31.11	3	Vertical	220	1.04	-
2437MHz	Pass	PK	2.389G	65.85	74.00	-8.15	30.77	3	Vertical	220	1.04	-
2437MHz	Pass	PK	2.439G	114.16	Inf	-Inf	30.95	3	Vertical	220	1.04	-
2437MHz	Pass	PK	2.485G	68.30	74.00	-5.70	31.12	3	Vertical	220	1.04	-
2437MHz	Pass	AV	2.3898G	49.17	54.00	-4.83	30.77	3	Horizontal	249	2.82	-
2437MHz	Pass	AV	2.4354G	103.81	Inf	-Inf	30.94	3	Horizontal	249	2.82	-
2437MHz	Pass	AV	2.483502G	49.58	54.00	-4.42	31.11	3	Horizontal	249	2.82	-
2437MHz	Pass	PK	2.3886G	65.17	74.00	-8.83	30.77	3	Horizontal	249	2.82	-
2437MHz	Pass	PK	2.4354G	112.31	Inf	-Inf	30.94	3	Horizontal	249	2.82	-
2437MHz	Pass	PK	2.4846G	63.72	74.00	-10.28	31.12	3	Horizontal	249	2.82	-
2437MHz	Pass	AV	4.88552G	31.51	54.00	-22.49	2.28	3	Vertical	190	2.28	-
2437MHz	Pass	PK	4.87508G	45.39	74.00	-28.61	2.26	3	Vertical	190	2.28	-
2437MHz	Pass	AV	4.88636G	30.46	54.00	-23.54	2.29	3	Horizontal	223	1.08	-
2437MHz	Pass	PK	4.86632G	44.19	74.00	-29.81	2.24	3	Horizontal	223	1.08	-
2447MHz	Pass	AV	2.3886G	49.03	54.00	-4.97	30.37	3	Vertical	227	1.08	-
2447MHz	Pass	AV	2.4486G	103.70	Inf	-Inf	30.58	3	Vertical	227	1.08	-
2447MHz	Pass	AV	2.4838G	53.36	54.00	-0.64	30.69	3	Vertical	227	1.08	-
2447MHz	Pass	PK	2.3802G	61.37	74.00	-12.63	30.34	3	Vertical	227	1.08	-
2447MHz	Pass	PK	2.449G	112.67	Inf	-Inf	30.58	3	Vertical	227	1.08	-
2447MHz	Pass	PK	2.4854G	65.93	74.00	-8.07	30.70	3	Vertical	227	1.08	-
2447MHz	Pass	AV	2.387G	44.87	54.00	-9.13	30.37	3	Horizontal	327	1.48	-
2447MHz	Pass	AV	2.4498G	97.31	Inf	-Inf	30.58	3	Horizontal	327	1.48	-
2447MHz	Pass	AV	2.4902G	46.64	54.00	-7.36	30.72	3	Horizontal	327	1.48	-
2447MHz	Pass	PK	2.3686G	56.22	74.00	-17.78	30.30	3	Horizontal	327	1.48	-
2447MHz	Pass	PK	2.4502G	106.53	Inf	-Inf	30.58	3	Horizontal	327	1.48	-
2447MHz	Pass	PK	2.4974G	61.16	74.00	-12.84	30.74	3	Horizontal	327	1.48	-
2452MHz	Pass	AV	2.3888G	48.31	54.00	-5.69	30.77	3	Vertical	217	1.01	-
2452MHz	Pass	AV	2.4512G	102.80	Inf	-Inf	30.99	3	Vertical	217	1.01	-
2452MHz	Pass	AV	2.484G	53.57	54.00	-0.43	31.12	3	Vertical	217	1.01	-
2452MHz	Pass	PK	2.3856G	60.27	74.00	-13.73	30.76	3	Vertical	217	1.01	-
2452MHz	Pass	PK	2.454G	110.38	Inf	-Inf	31.00	3	Vertical	217	1.01	-
2452MHz	Pass	PK	2.4844G	66.34	74.00	-7.66	31.12	3	Vertical	217	1.01	-
2452MHz	Pass	AV	2.3896G	46.13	54.00	-7.87	30.77	3	Horizontal	251	2.88	-
2452MHz	Pass	AV	2.4504G	99.37	Inf	-Inf	30.99	3	Horizontal	251	2.88	-
2452MHz	Pass	AV	2.483502G	49.28	54.00	-4.72	31.11	3	Horizontal	251	2.88	-
2452MHz	Pass	PK	2.386G	57.63	74.00	-16.37	30.76	3	Horizontal	251	2.88	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.4504G	107.70	Inf	-Inf	30.99	3	Horizontal	251	2.88	-
2452MHz	Pass	PK	2.4904G	61.77	74.00	-12.23	31.13	3	Horizontal	251	2.88	-
2452MHz	Pass	AV	4.89338G	31.66	54.00	-22.34	2.30	3	Vertical	45	1.32	-
2452MHz	Pass	PK	4.90946G	43.91	74.00	-30.09	2.34	3	Vertical	45	1.32	-
2452MHz	Pass	AV	4.9027G	31.31	54.00	-22.69	2.33	3	Horizontal	297	1.53	-
2452MHz	Pass	PK	4.90436G	43.87	74.00	-30.13	2.33	3	Horizontal	297	1.53	-

802.11b_Nss1,(1Mbps)_2TX

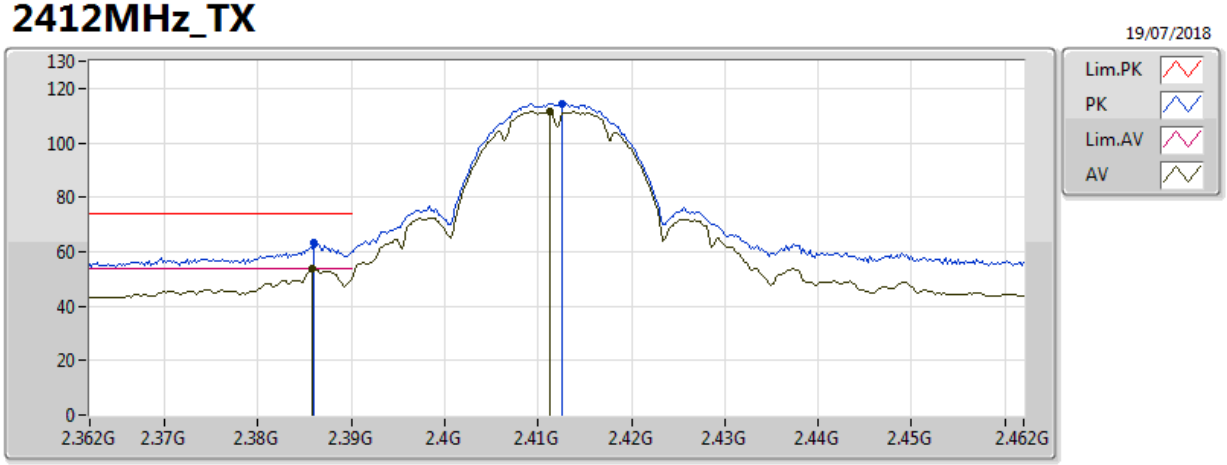
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3858G	52.33	54.00	-1.67	30.76	3	Vertical	164	1.53	-
AV	2.4094G	112.55	Inf	-Inf	30.84	3	Vertical	164	1.53	-
PK	2.386G	63.88	74.00	-10.12	30.76	3	Vertical	164	1.53	-
PK	2.4094G	115.84	Inf	-Inf	30.84	3	Vertical	164	1.53	-

802.11b_Nss1,(1Mbps)_2TX

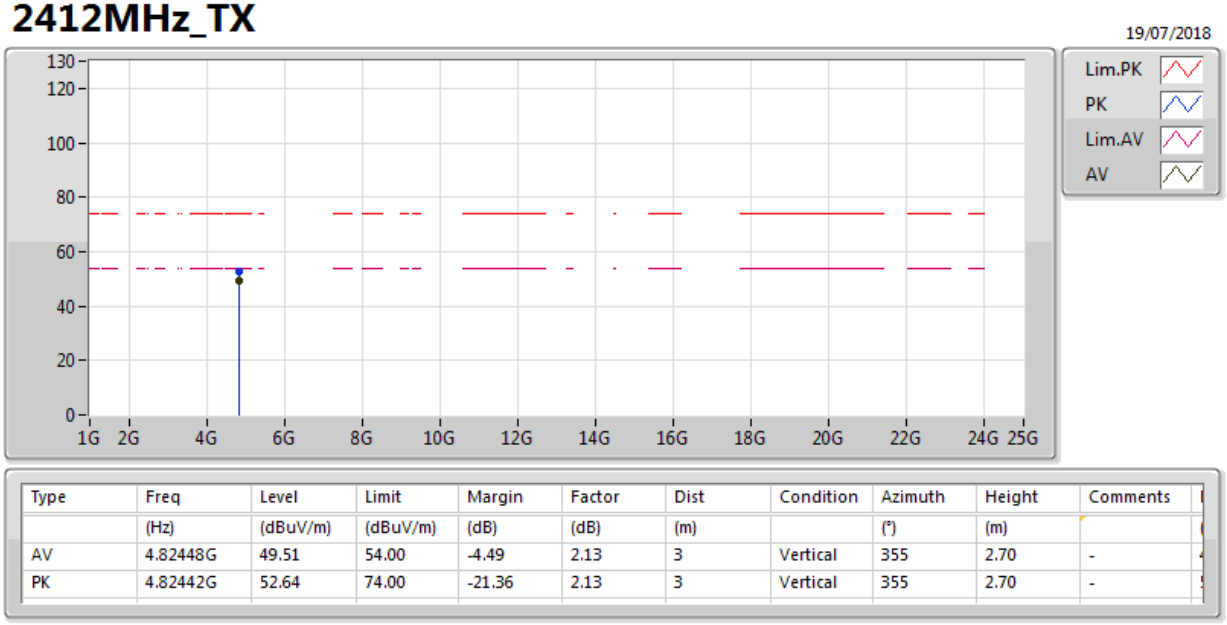
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3858G	53.62	54.00	-0.38	30.76	3	Horizontal	91	1.84	-
AV	2.4112G	111.49	Inf	-Inf	30.85	3	Horizontal	91	1.84	-
PK	2.386G	63.20	74.00	-10.80	30.76	3	Horizontal	91	1.84	-
PK	2.4126G	114.53	Inf	-Inf	30.86	3	Horizontal	91	1.84	-

802.11b_Nss1,(1Mbps)_2TX

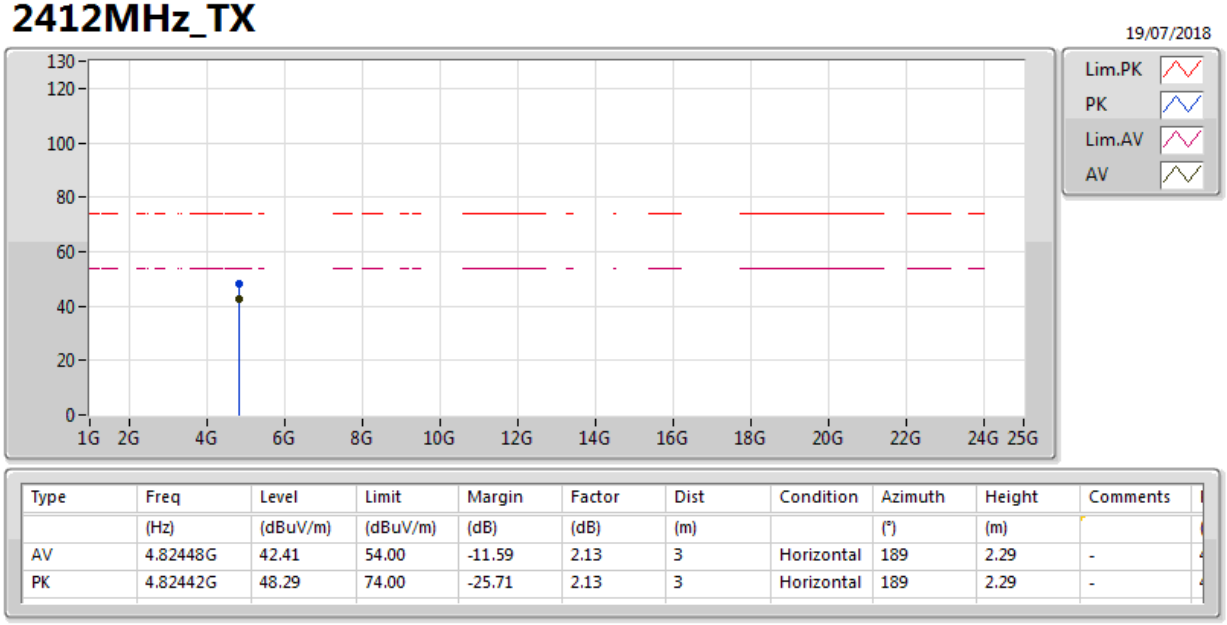
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82448G	49.51	54.00	-4.49	2.13	3	Vertical	355	2.70	-
PK	4.82442G	52.64	74.00	-21.36	2.13	3	Vertical	355	2.70	-

802.11b_Nss1,(1Mbps)_2TX

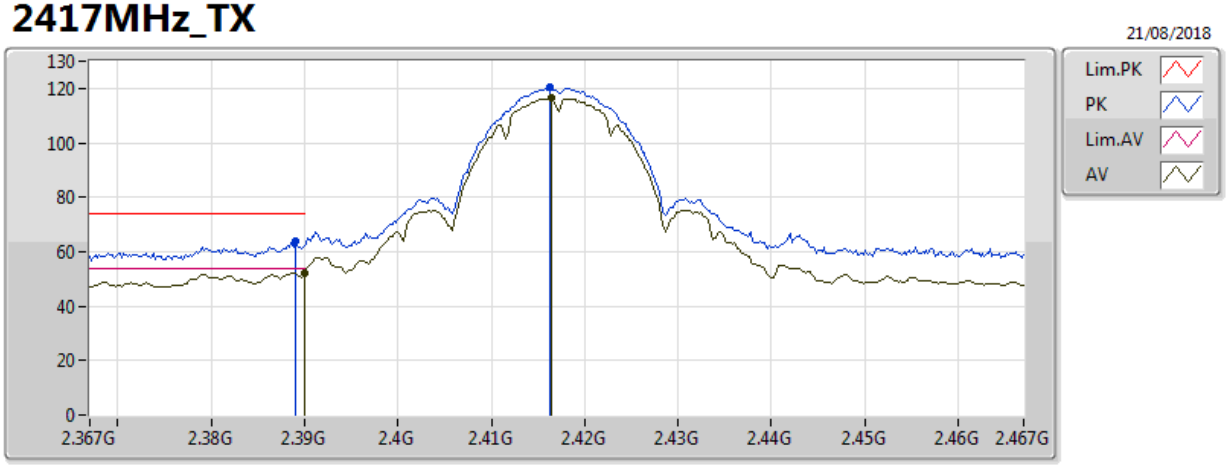
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82448G	42.41	54.00	-11.59	2.13	3	Horizontal	189	2.29	-
PK	4.82442G	48.29	74.00	-25.71	2.13	3	Horizontal	189	2.29	-

802.11b_Nss1,(1Mbps)_2TX

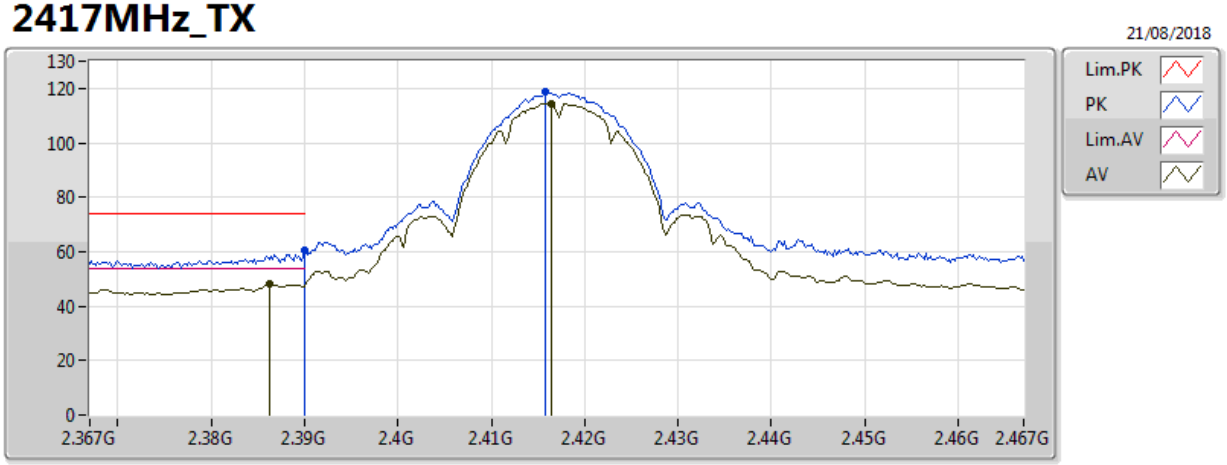
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.30	54.00	-1.70	30.38	3	Vertical	162	1.50	-
AV	2.4164G	116.43	Inf	-Inf	30.47	3	Vertical	162	1.50	-
PK	2.389G	63.63	74.00	-10.37	30.37	3	Vertical	162	1.50	-
PK	2.4162G	120.22	Inf	-Inf	30.47	3	Vertical	162	1.50	-

802.11b_Nss1,(1Mbps)_2TX

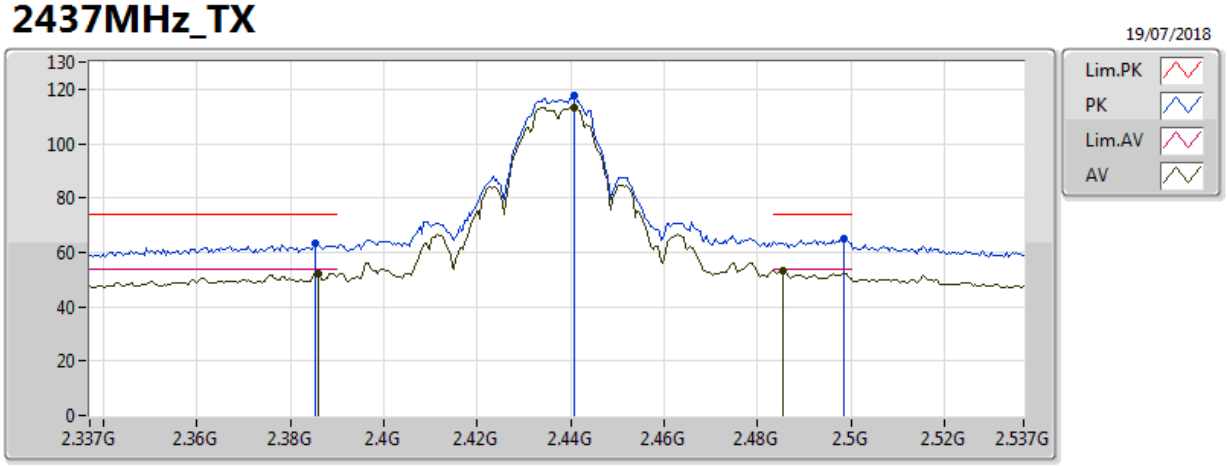
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3862G	47.96	54.00	-6.04	30.37	3	Horizontal	67	2.35	-
AV	2.4164G	114.52	Inf	-Inf	30.47	3	Horizontal	67	2.35	-
PK	2.389998G	60.57	74.00	-13.43	30.38	3	Horizontal	67	2.35	-
PK	2.4158G	118.64	Inf	-Inf	30.46	3	Horizontal	67	2.35	-

802.11b_Nss1,(1Mbps)_2TX

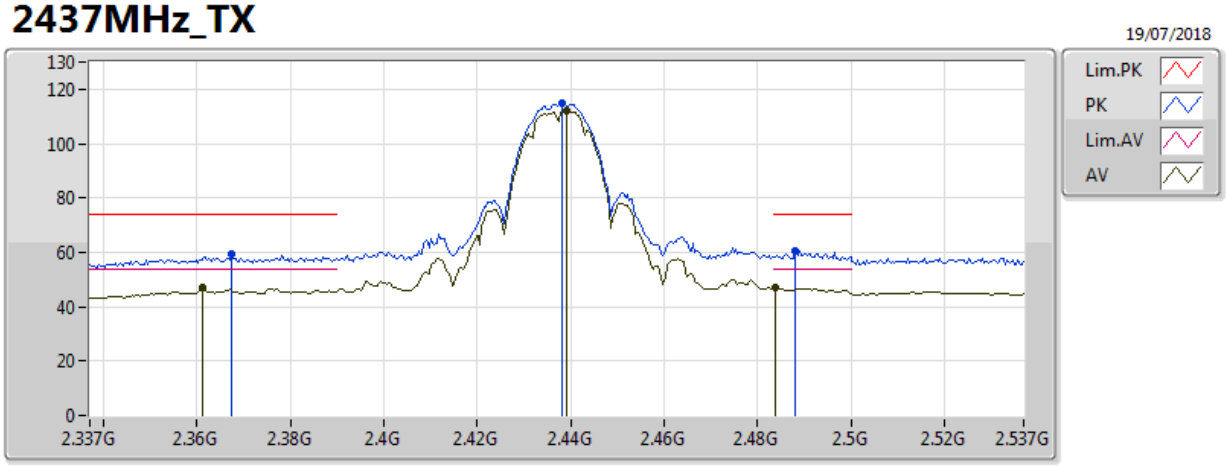
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3858G	52.35	54.00	-1.65	30.76	3	Vertical	166	1.50	-
AV	2.4406G	113.41	Inf	-Inf	30.96	3	Vertical	166	1.50	-
AV	2.4854G	53.22	54.00	-0.78	31.12	3	Vertical	166	1.50	-
PK	2.3854G	63.04	74.00	-10.96	30.76	3	Vertical	166	1.50	-
PK	2.4406G	117.68	Inf	-Inf	30.96	3	Vertical	166	1.50	-
PK	2.4986G	65.08	74.00	-8.92	31.17	3	Vertical	166	1.50	-

802.11b_Nss1,(1Mbps)_2TX

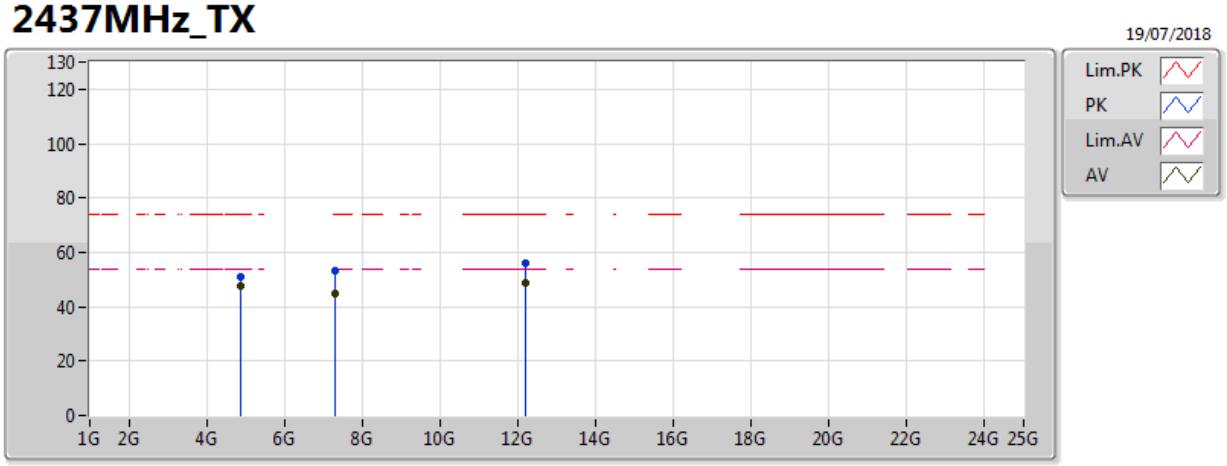
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.361G	46.86	54.00	-7.14	30.67	3	Horizontal	347	1.47	-
AV	2.439G	111.90	Inf	-Inf	30.95	3	Horizontal	347	1.47	-
AV	2.4838G	46.98	54.00	-7.02	31.11	3	Horizontal	347	1.47	-
PK	2.3674G	59.32	74.00	-14.68	30.70	3	Horizontal	347	1.47	-
PK	2.4382G	114.75	Inf	-Inf	30.95	3	Horizontal	347	1.47	-
PK	2.4882G	60.40	74.00	-13.60	31.13	3	Horizontal	347	1.47	-

802.11b_Nss1,(1Mbps)_2TX

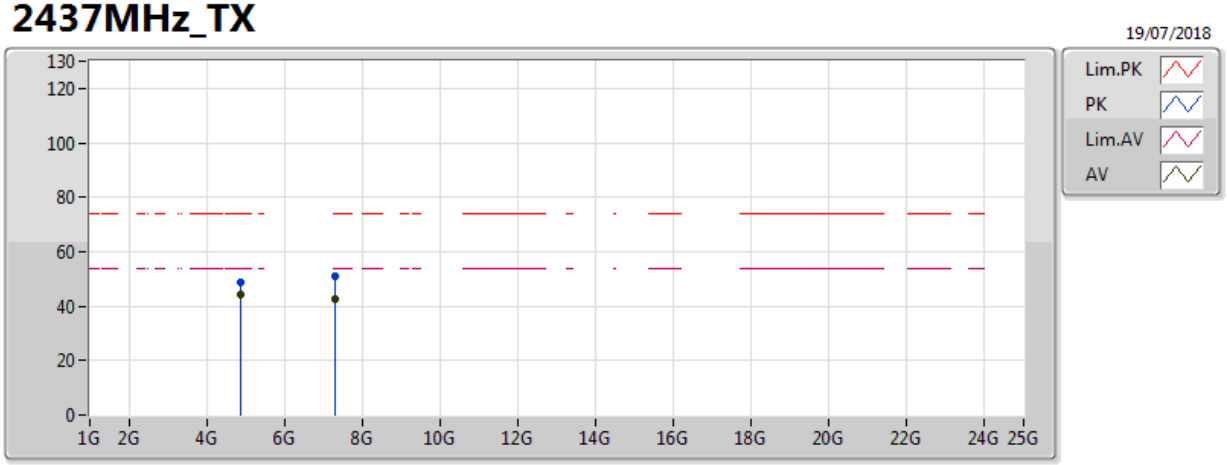
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87452G	47.81	54.00	-6.19	2.26	3	Vertical	206	2.38	-
AV	7.311G	45.05	54.00	-8.95	8.00	3	Vertical	347	2.03	-
AV	12.18542G	48.88	54.00	-5.12	13.37	3	Vertical	351	1.97	-
PK	4.87436G	51.05	74.00	-22.95	2.26	3	Vertical	206	2.38	-
PK	7.31106G	53.41	74.00	-20.59	8.00	3	Vertical	347	2.03	-
PK	12.18542G	55.90	74.00	-18.10	13.37	3	Vertical	351	1.97	-

802.11b_Nss1,(1Mbps)_2TX

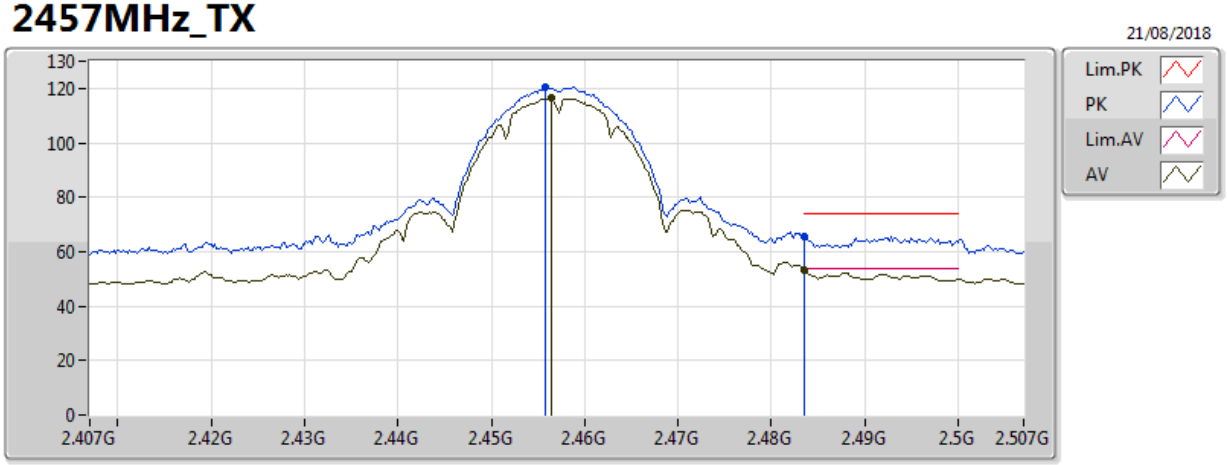
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87448G	44.43	54.00	-9.57	2.26	3	Horizontal	233	1.00	-
AV	7.31094G	42.31	54.00	-11.69	8.00	3	Horizontal	255	1.28	-
PK	4.87442G	48.99	74.00	-25.01	2.26	3	Horizontal	233	1.00	-
PK	7.31082G	51.07	74.00	-22.93	8.00	3	Horizontal	255	1.28	-

802.11b_Nss1,(1Mbps)_2TX

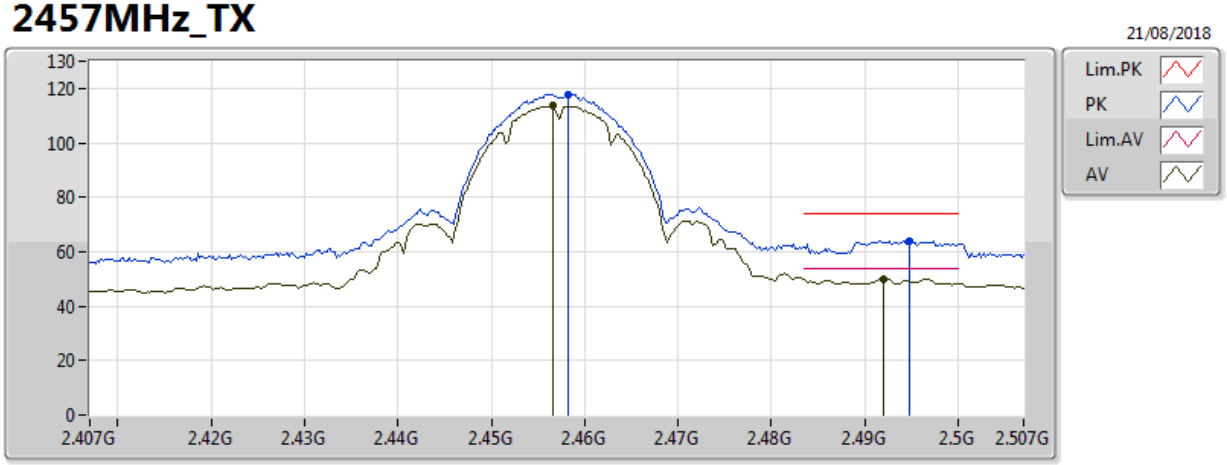
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4564G	116.28	Inf	-Inf	30.60	3	Vertical	270	1.32	-
AV	2.483502G	53.40	54.00	-0.60	30.69	3	Vertical	270	1.32	-
PK	2.4558G	120.28	Inf	-Inf	30.60	3	Vertical	270	1.32	-
PK	2.483502G	65.60	74.00	-8.40	30.69	3	Vertical	270	1.32	-

802.11b_Nss1,(1Mbps)_2TX

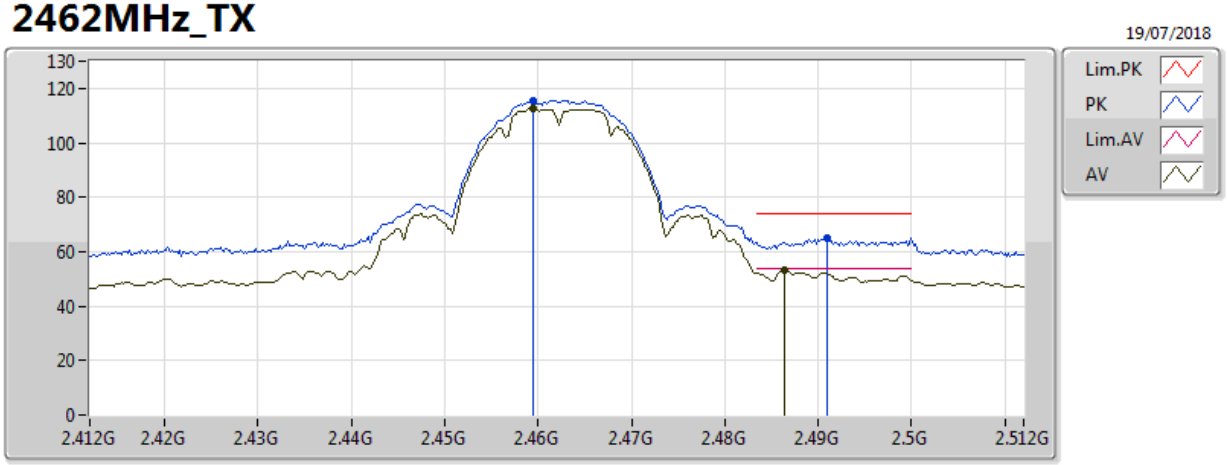
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4566G	113.61	Inf	-Inf	30.60	3	Horizontal	66	2.23	-
AV	2.492G	49.90	54.00	-4.10	30.72	3	Horizontal	66	2.23	-
PK	2.4582G	117.79	Inf	-Inf	30.61	3	Horizontal	66	2.23	-
PK	2.4948G	63.92	74.00	-10.08	30.73	3	Horizontal	66	2.23	-

802.11b_Nss1,(1Mbps)_2TX

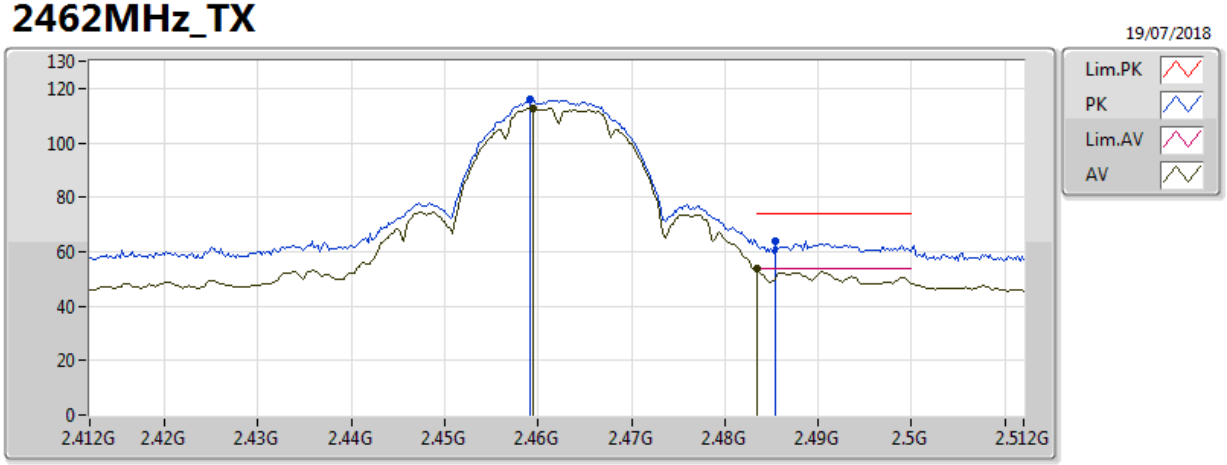
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4594G	112.63	Inf	-Inf	31.02	3	Vertical	165	1.50	-
AV	2.4864G	53.12	54.00	-0.88	31.12	3	Vertical	165	1.50	-
PK	2.4594G	115.66	Inf	-Inf	31.02	3	Vertical	165	1.50	-
PK	2.491G	65.09	74.00	-8.91	31.13	3	Vertical	165	1.50	-

802.11b_Nss1,(1Mbps)_2TX

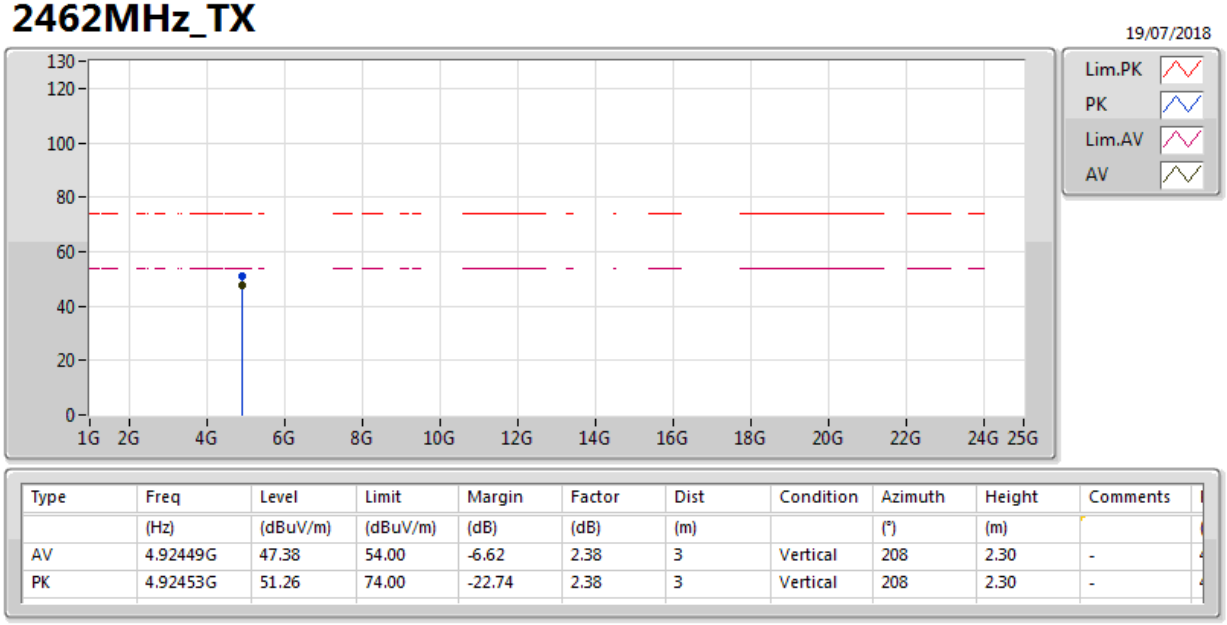
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4594G	112.75	Inf	-Inf	31.02	3	Horizontal	108	2.62	-
AV	2.483502G	53.59	54.00	-0.41	31.11	3	Horizontal	108	2.62	-
PK	2.4592G	115.72	Inf	-Inf	31.02	3	Horizontal	108	2.62	-
PK	2.4854G	63.75	74.00	-10.25	31.12	3	Horizontal	108	2.62	-

802.11b_Nss1,(1Mbps)_2TX

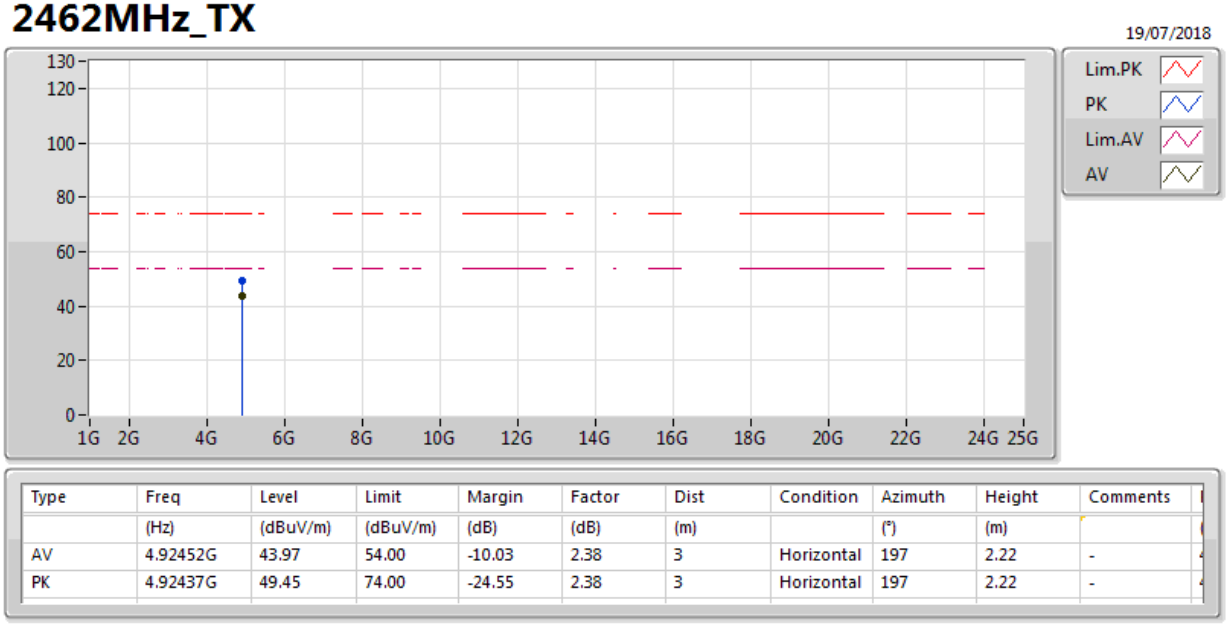
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92449G	47.38	54.00	-6.62	2.38	3	Vertical	208	2.30	-
PK	4.92453G	51.26	74.00	-22.74	2.38	3	Vertical	208	2.30	-

802.11b_Nss1,(1Mbps)_2TX

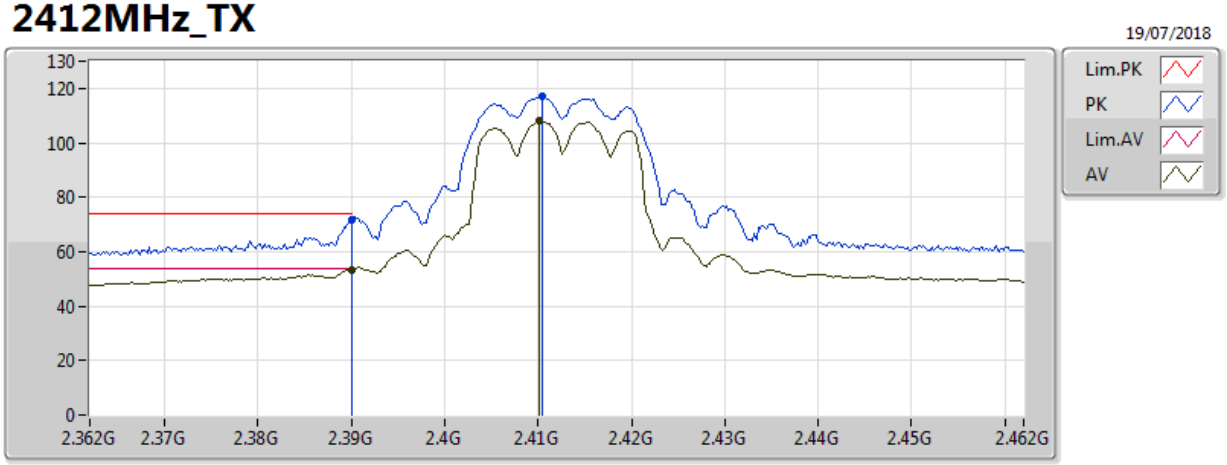
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92452G	43.97	54.00	-10.03	2.38	3	Horizontal	197	2.22	-
PK	4.92437G	49.45	74.00	-24.55	2.38	3	Horizontal	197	2.22	-

802.11g_Nss1,(6Mbps)_2TX

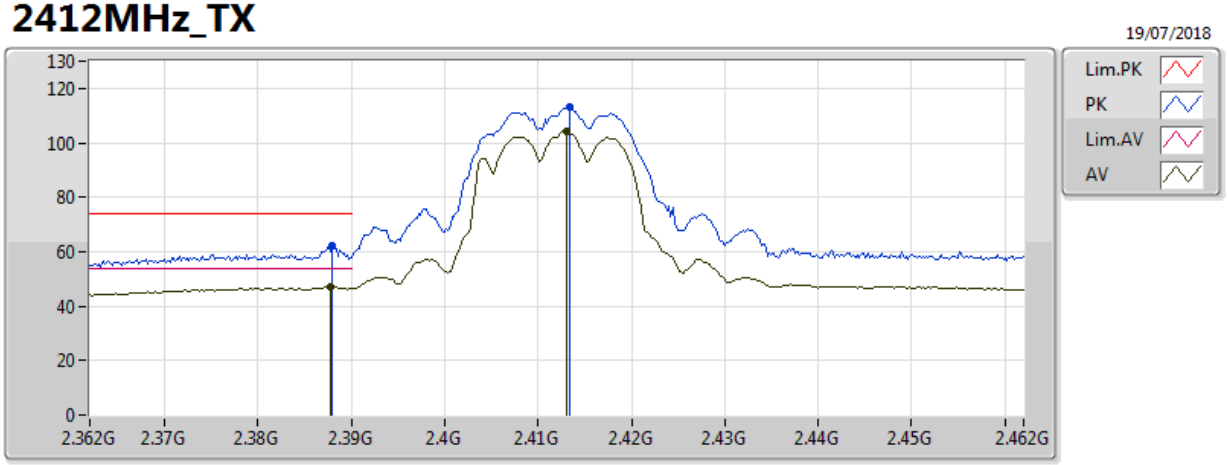
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.50	54.00	-0.50	30.77	3	Vertical	226	1.07	-
AV	2.4102G	108.06	Inf	-Inf	30.85	3	Vertical	226	1.07	-
PK	2.389998G	71.97	74.00	-2.03	30.77	3	Vertical	226	1.07	-
PK	2.4104G	117.23	Inf	-Inf	30.85	3	Vertical	226	1.07	-

802.11g_Nss1,(6Mbps)_2TX

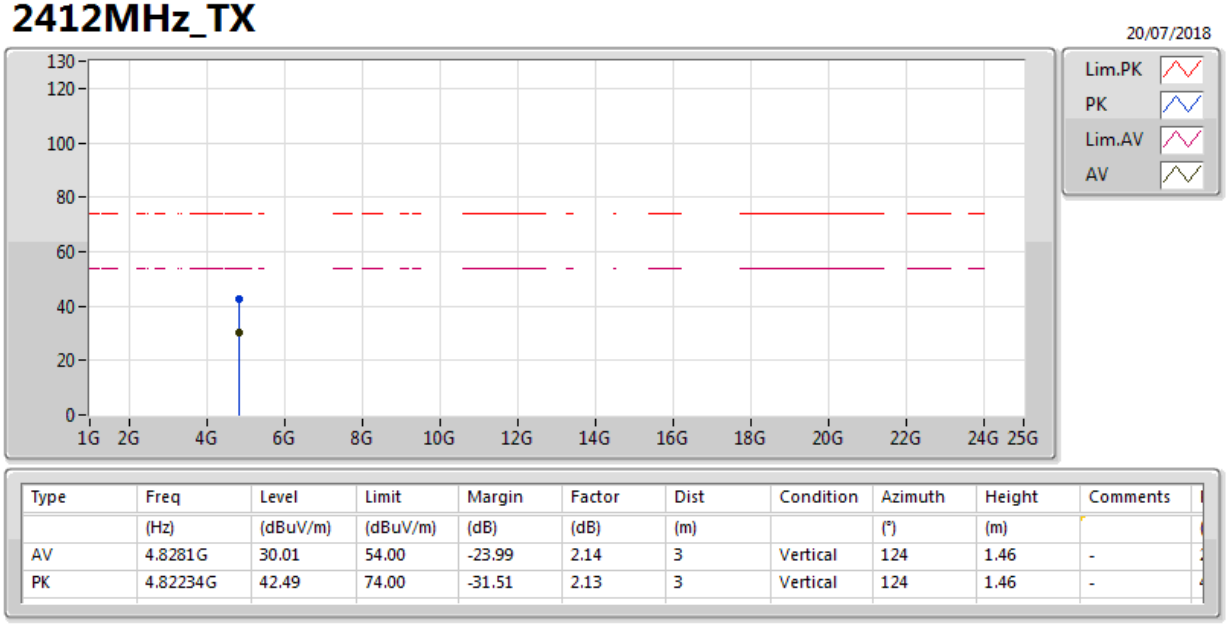
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3878G	47.08	54.00	-6.92	30.77	3	Horizontal	328	1.13	-
AV	2.413G	104.21	Inf	-Inf	30.86	3	Horizontal	328	1.13	-
PK	2.388G	62.05	74.00	-11.95	30.77	3	Horizontal	328	1.13	-
PK	2.4134G	112.93	Inf	-Inf	30.86	3	Horizontal	328	1.13	-

802.11g_Nss1,(6Mbps)_2TX

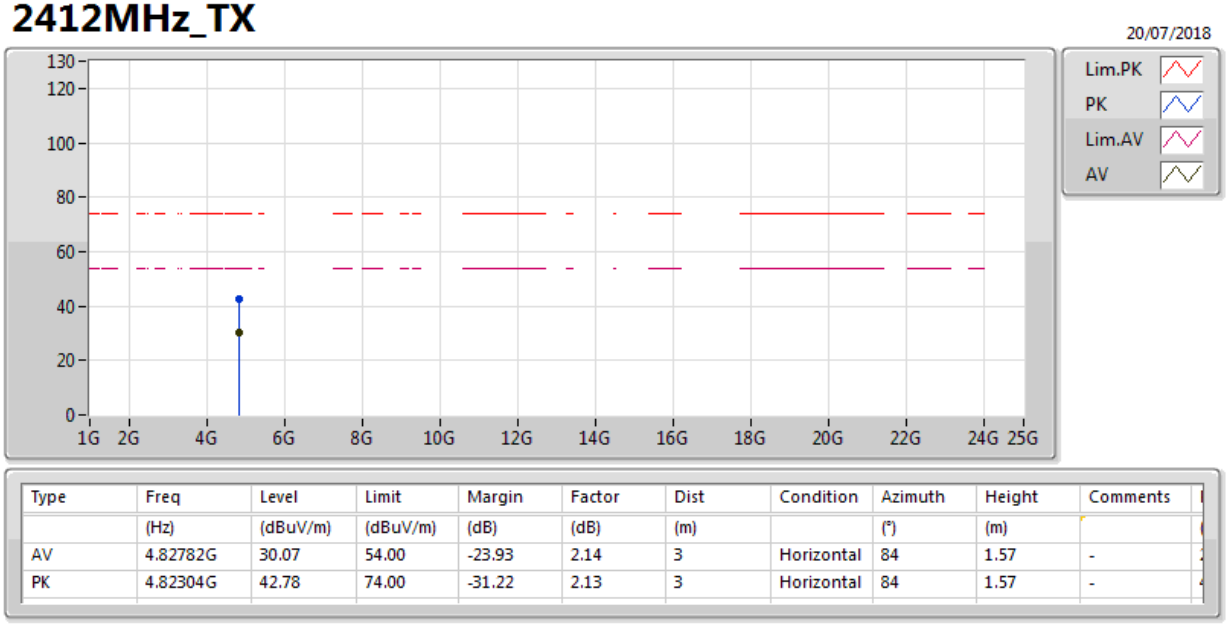
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8281G	30.01	54.00	-23.99	2.14	3	Vertical	124	1.46	-
PK	4.82234G	42.49	74.00	-31.51	2.13	3	Vertical	124	1.46	-

802.11g_Nss1,(6Mbps)_2TX

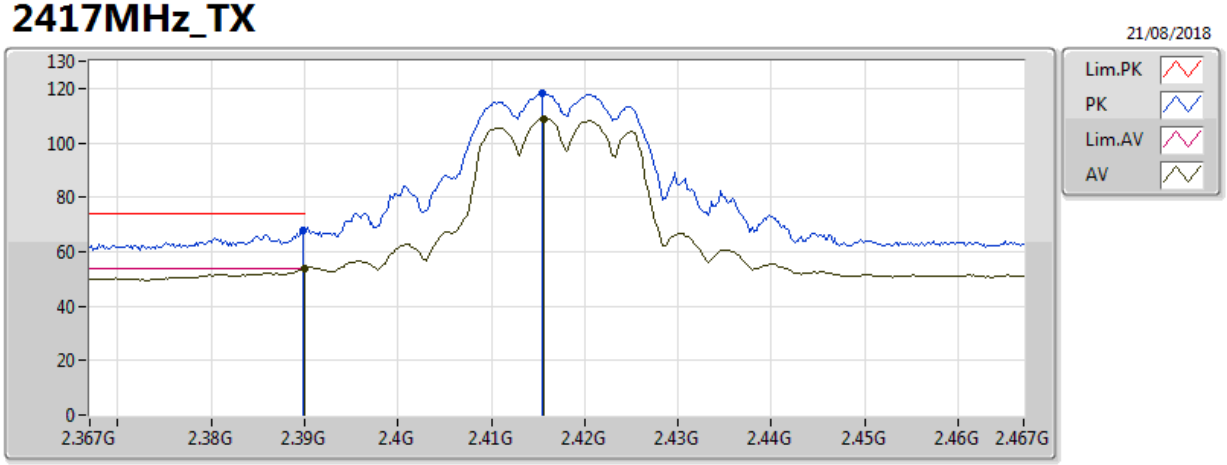
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82782G	30.07	54.00	-23.93	2.14	3	Horizontal	84	1.57	-
PK	4.82304G	42.78	74.00	-31.22	2.13	3	Horizontal	84	1.57	-

802.11g_Nss1,(6Mbps)_2TX

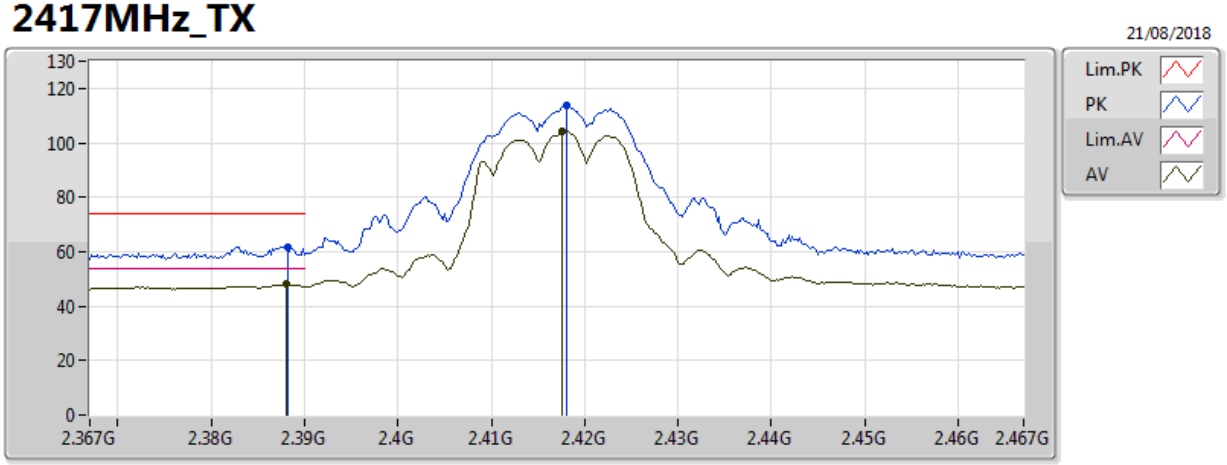
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.81	54.00	-0.19	30.38	3	Vertical	230	1.33	-
AV	2.4156G	108.87	Inf	-Inf	30.46	3	Vertical	230	1.33	-
PK	2.3898G	67.60	74.00	-6.40	30.38	3	Vertical	230	1.33	-
PK	2.4154G	118.51	Inf	-Inf	30.46	3	Vertical	230	1.33	-

802.11g_Nss1,(6Mbps)_2TX

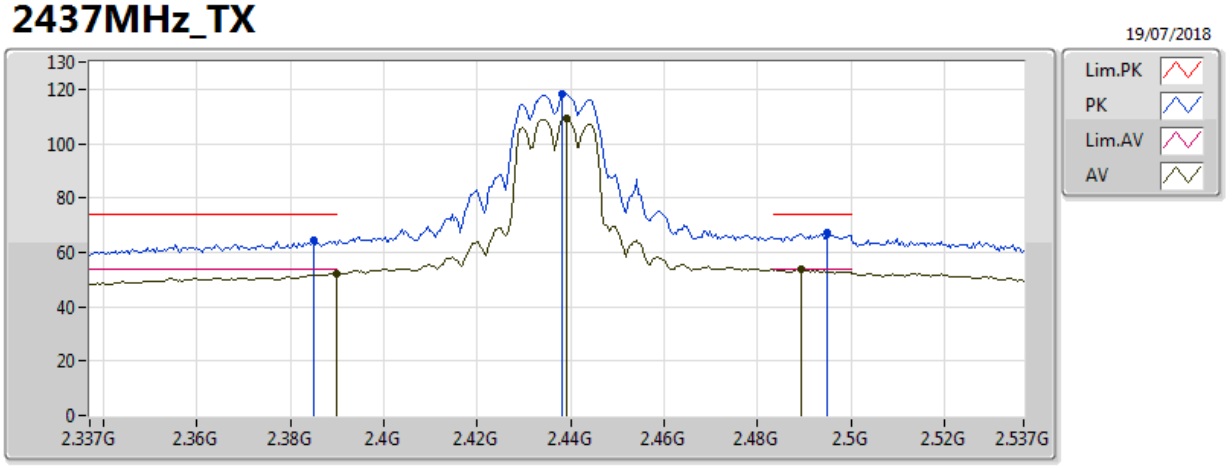
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.388G	48.06	54.00	-5.94	30.37	3	Horizontal	61	2.58	-
AV	2.4176G	104.36	Inf	-Inf	30.47	3	Horizontal	61	2.58	-
PK	2.3882G	61.88	74.00	-12.12	30.37	3	Horizontal	61	2.58	-
PK	2.418G	113.59	Inf	-Inf	30.47	3	Horizontal	61	2.58	-

802.11g_Nss1,(6Mbps)_2TX

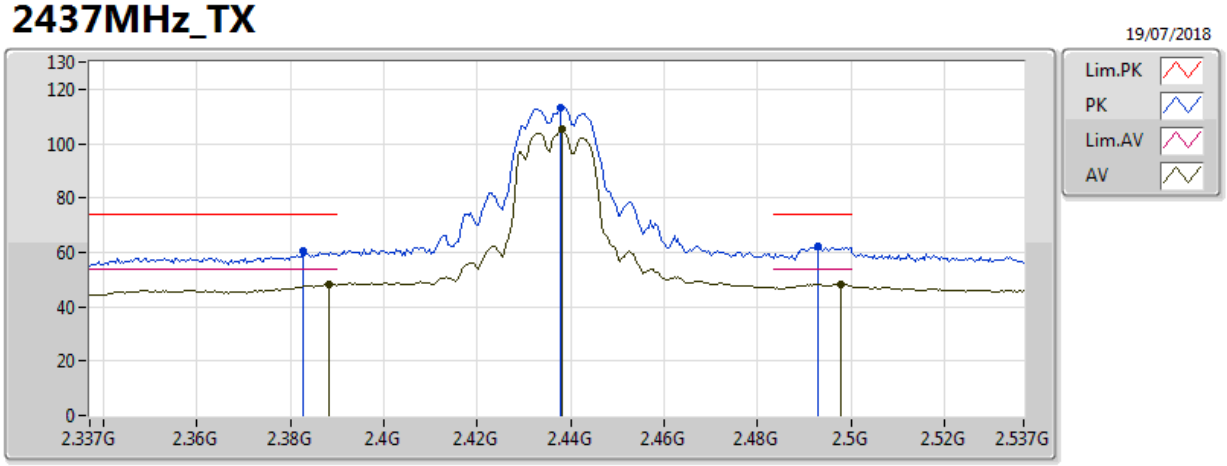
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	52.37	54.00	-1.63	30.77	3	Vertical	214	1.30	-
AV	2.439G	109.48	Inf	-Inf	30.95	3	Vertical	214	1.30	-
AV	2.4894G	53.74	54.00	-0.26	31.13	3	Vertical	214	1.30	-
PK	2.385G	64.33	74.00	-9.67	30.76	3	Vertical	214	1.30	-
PK	2.4382G	118.40	Inf	-Inf	30.95	3	Vertical	214	1.30	-
PK	2.495G	67.46	74.00	-6.54	31.16	3	Vertical	214	1.30	-

802.11g_Nss1,(6Mbps)_2TX

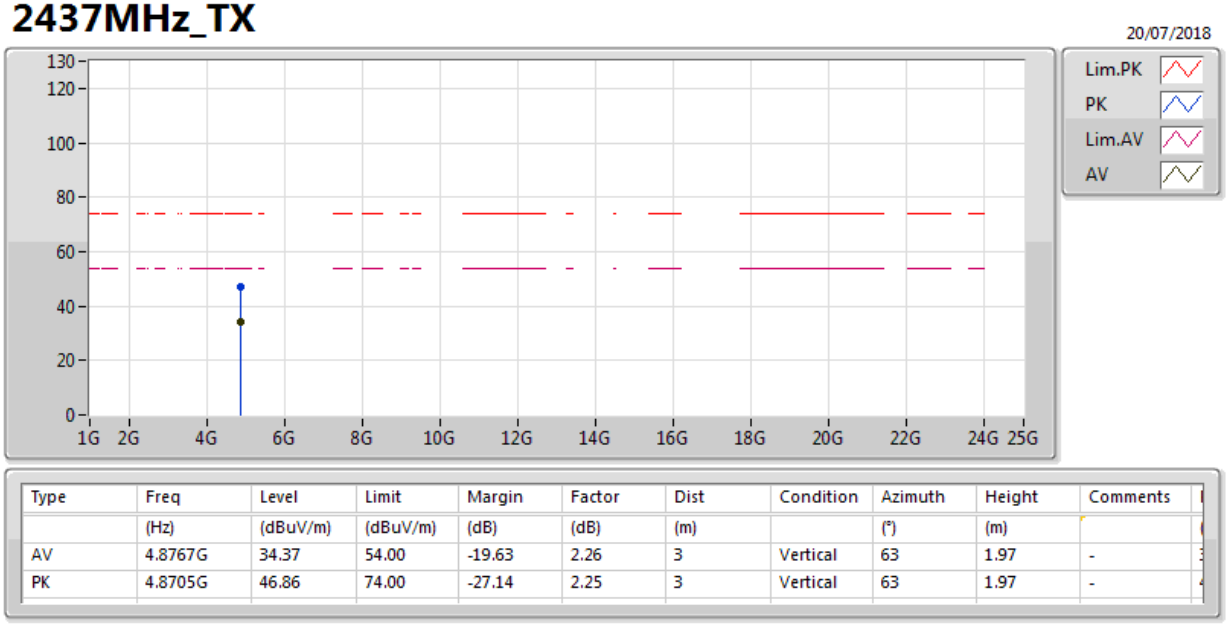
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3882G	48.09	54.00	-5.91	30.77	3	Horizontal	325	1.41	-
AV	2.4382G	105.09	Inf	-Inf	30.95	3	Horizontal	325	1.41	-
AV	2.4978G	48.23	54.00	-5.77	31.16	3	Horizontal	325	1.41	-
PK	2.3826G	60.60	74.00	-13.40	30.75	3	Horizontal	325	1.41	-
PK	2.4378G	113.34	Inf	-Inf	30.95	3	Horizontal	325	1.41	-
PK	2.493G	61.92	74.00	-12.08	31.14	3	Horizontal	325	1.41	-

802.11g_Nss1,(6Mbps)_2TX

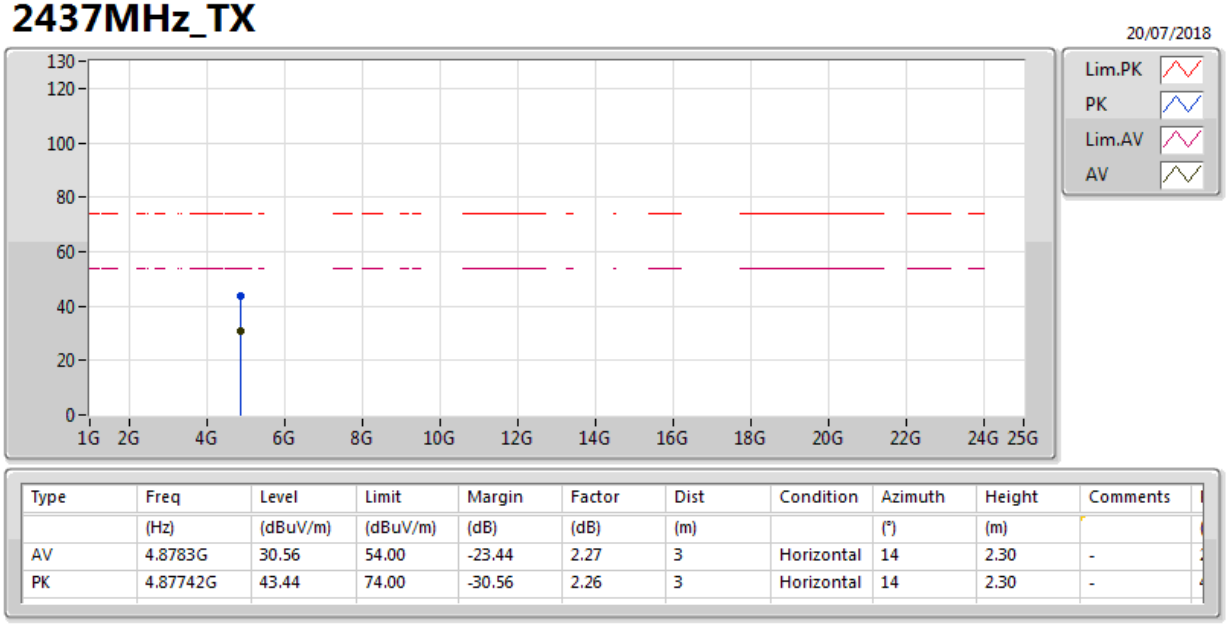
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8767G	34.37	54.00	-19.63	2.26	3	Vertical	63	1.97	-
PK	4.8705G	46.86	74.00	-27.14	2.25	3	Vertical	63	1.97	-

802.11g_Nss1,(6Mbps)_2TX

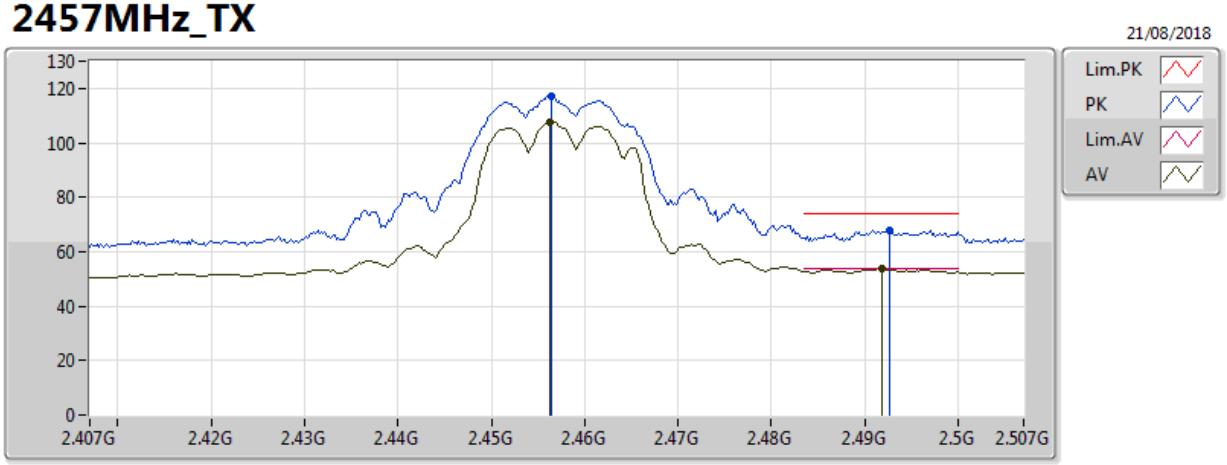
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8783G	30.56	54.00	-23.44	2.27	3	Horizontal	14	2.30	-
PK	4.87742G	43.44	74.00	-30.56	2.26	3	Horizontal	14	2.30	-

802.11g_Nss1,(6Mbps)_2TX

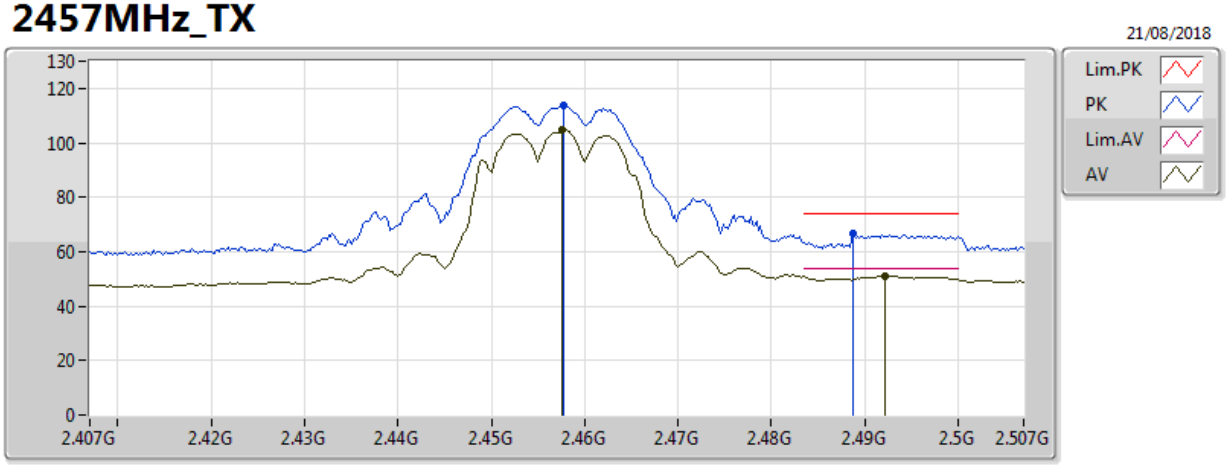
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4562G	107.81	Inf	-Inf	30.60	3	Vertical	268	1.06	-
AV	2.4918G	53.57	54.00	-0.43	30.72	3	Vertical	268	1.06	-
PK	2.4564G	117.10	Inf	-Inf	30.60	3	Vertical	268	1.06	-
PK	2.4926G	68.04	74.00	-5.96	30.72	3	Vertical	268	1.06	-

802.11g_Nss1,(6Mbps)_2TX

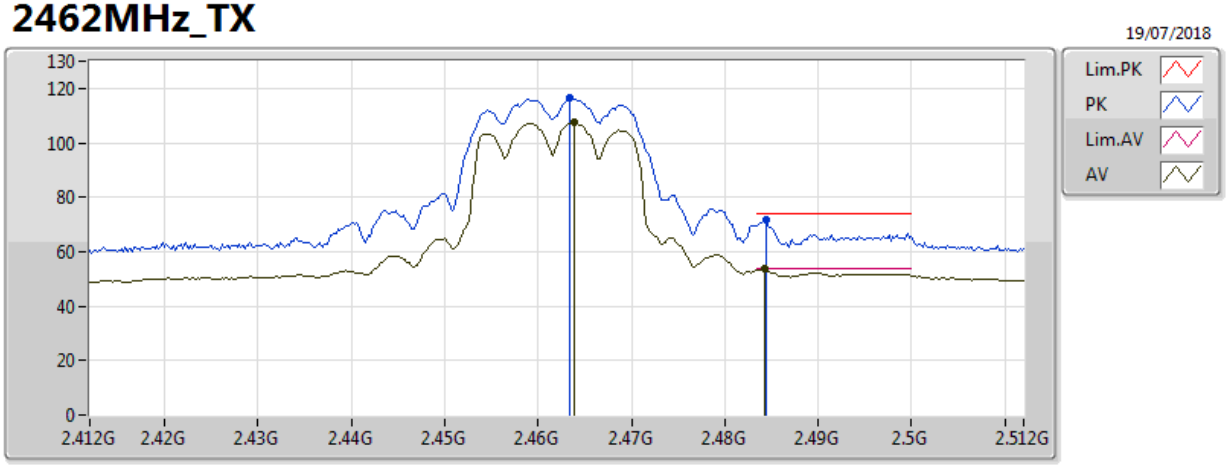
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4576G	104.79	Inf	-Inf	30.61	3	Horizontal	66	2.23	-
AV	2.4922G	51.02	54.00	-2.98	30.72	3	Horizontal	66	2.23	-
PK	2.4578G	113.70	Inf	-Inf	30.61	3	Horizontal	66	2.23	-
PK	2.4888G	66.53	74.00	-7.47	30.71	3	Horizontal	66	2.23	-

802.11g_Nss1,(6Mbps)_2TX

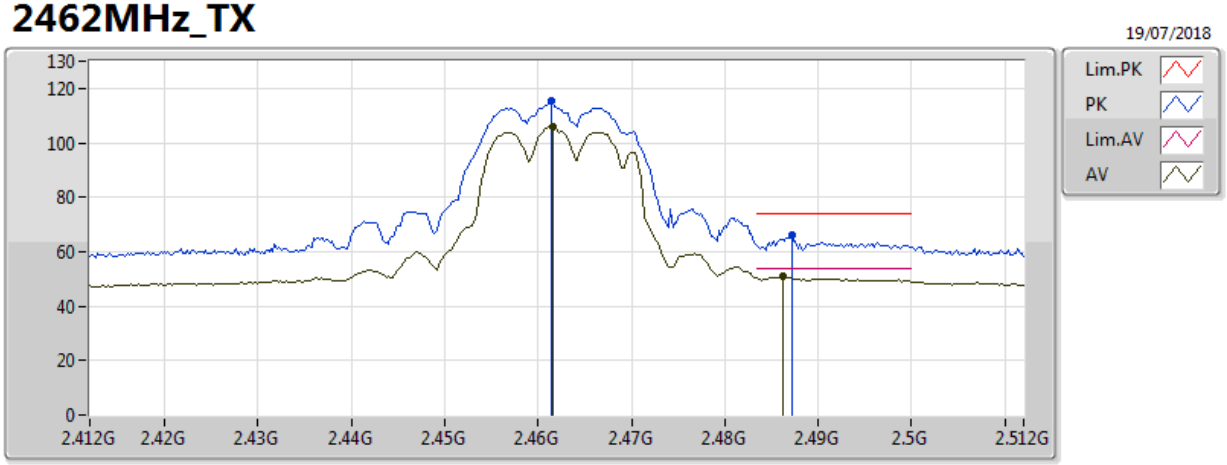
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4638G	107.43	Inf	-Inf	31.04	3	Vertical	210	1.02	-
AV	2.4842G	53.59	54.00	-0.41	31.12	3	Vertical	210	1.02	-
PK	2.4634G	116.45	Inf	-Inf	31.04	3	Vertical	210	1.02	-
PK	2.4844G	71.58	74.00	-2.42	31.12	3	Vertical	210	1.02	-

802.11g_Nss1,(6Mbps)_2TX

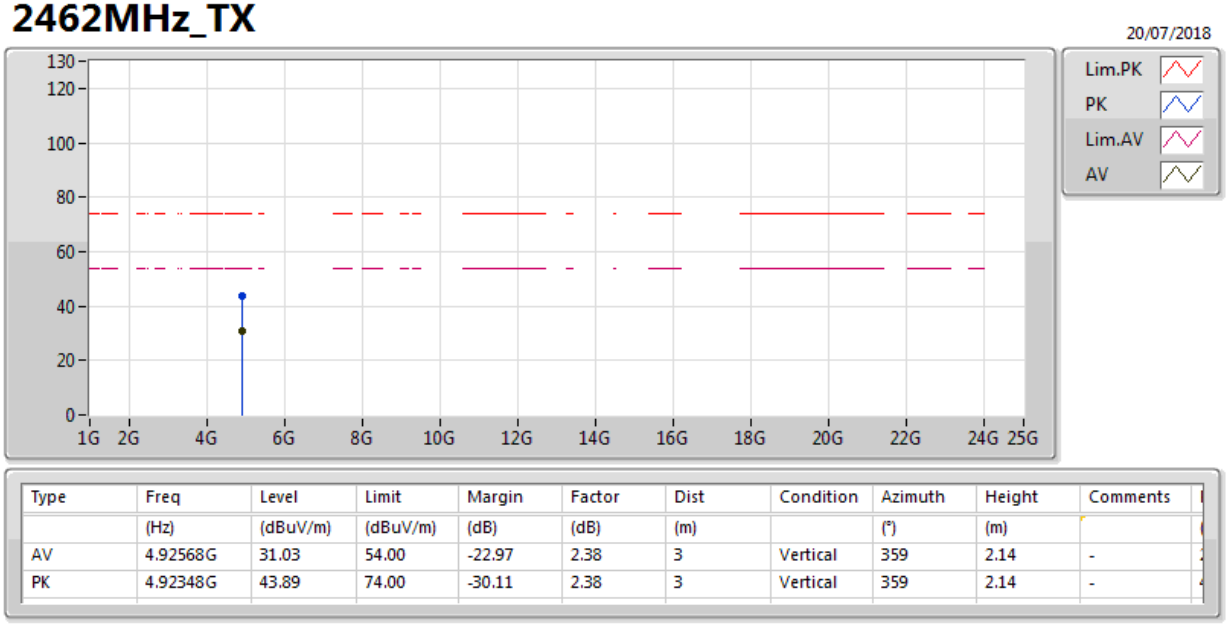
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4616G	105.84	Inf	-Inf	31.03	3	Horizontal	102	2.88	-
AV	2.4862G	50.79	54.00	-3.21	31.12	3	Horizontal	102	2.88	-
PK	2.4614G	115.21	Inf	-Inf	31.03	3	Horizontal	102	2.88	-
PK	2.4872G	66.28	74.00	-7.72	31.12	3	Horizontal	102	2.88	-

802.11g_Nss1,(6Mbps)_2TX

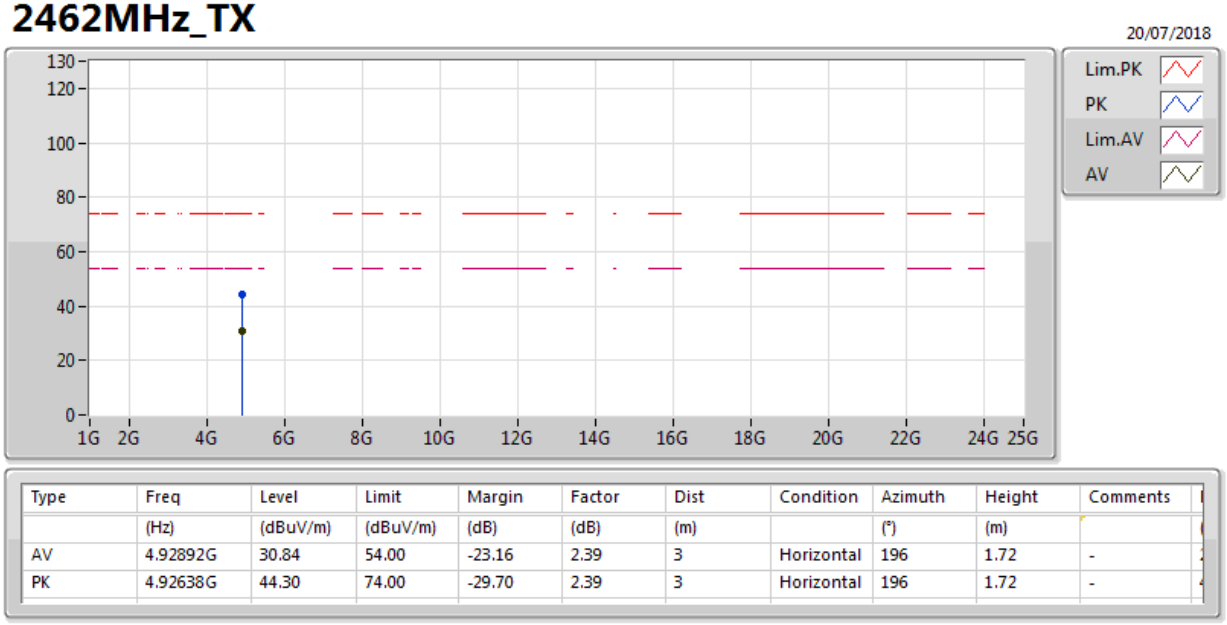
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92568G	31.03	54.00	-22.97	2.38	3	Vertical	359	2.14	-
PK	4.92348G	43.89	74.00	-30.11	2.38	3	Vertical	359	2.14	-

802.11g_Nss1,(6Mbps)_2TX

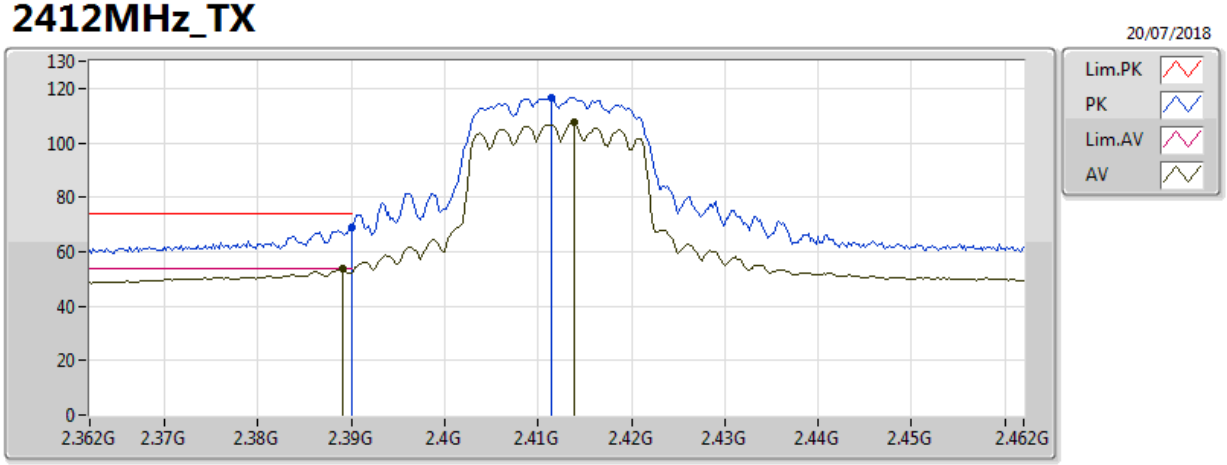
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92892G	30.84	54.00	-23.16	2.39	3	Horizontal	196	1.72	-
PK	4.92638G	44.30	74.00	-29.70	2.39	3	Horizontal	196	1.72	-

802.11n HT20_Nss1,(MCS0)_2TX

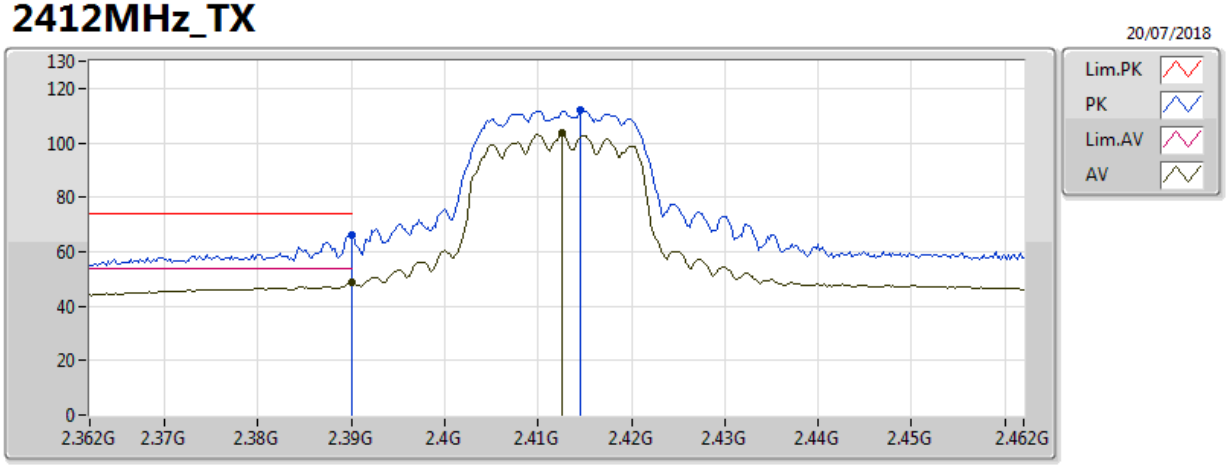
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	53.79	54.00	-0.21	30.77	3	Vertical	223	1.10	-
AV	2.4138G	107.61	Inf	-Inf	30.86	3	Vertical	223	1.10	-
PK	2.389998G	68.66	74.00	-5.34	30.77	3	Vertical	223	1.10	-
PK	2.4114G	116.83	Inf	-Inf	30.85	3	Vertical	223	1.10	-

802.11n HT20_Nss1,(MCS0)_2TX

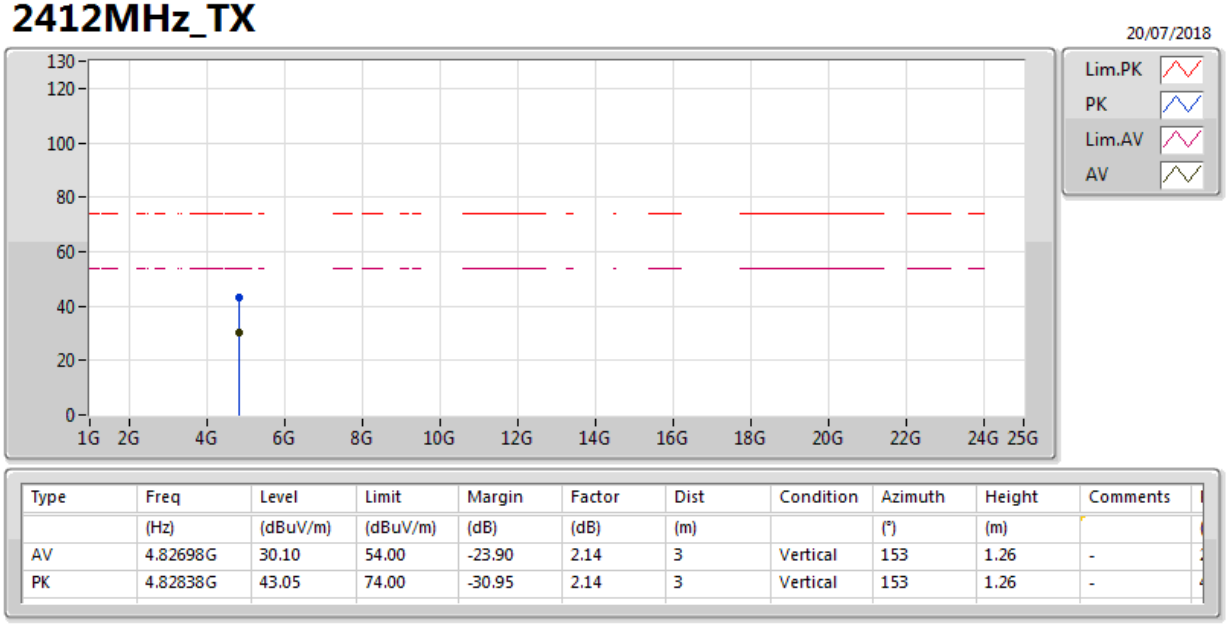
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	48.61	54.00	-5.39	30.77	3	Horizontal	324	1.13	-
AV	2.4126G	103.47	Inf	-Inf	30.86	3	Horizontal	324	1.13	-
PK	2.389998G	66.10	74.00	-7.90	30.77	3	Horizontal	324	1.13	-
PK	2.4146G	111.79	Inf	-Inf	30.86	3	Horizontal	324	1.13	-

802.11n HT20_Nss1,(MCS0)_2TX

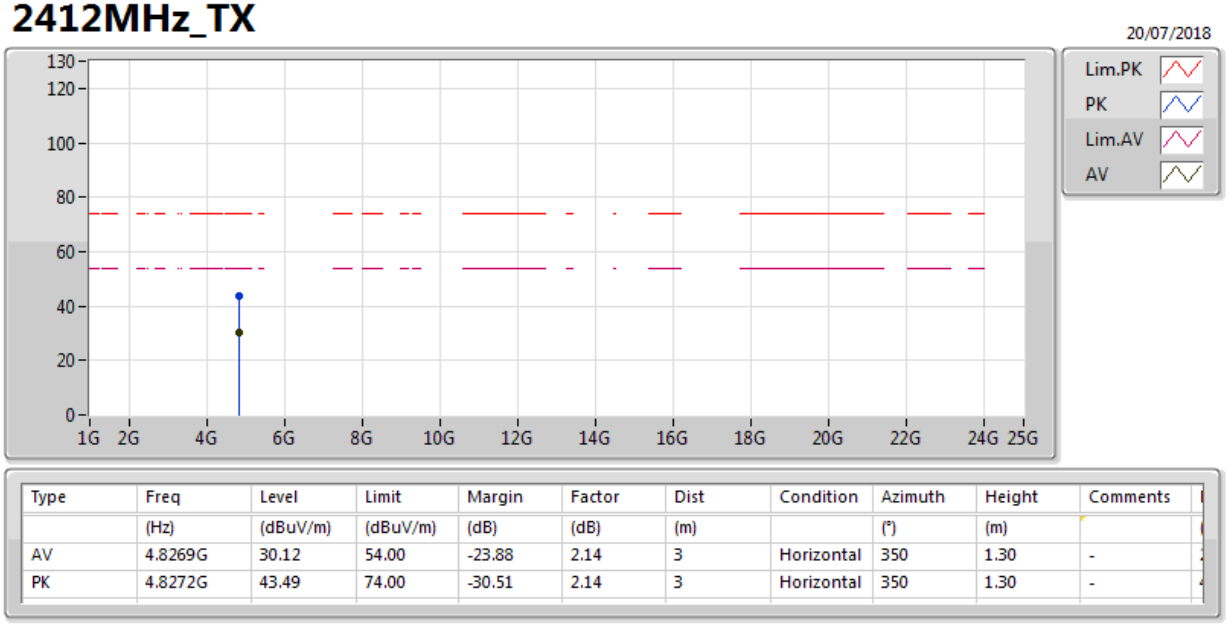
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82698G	30.10	54.00	-23.90	2.14	3	Vertical	153	1.26	-
PK	4.82838G	43.05	74.00	-30.95	2.14	3	Vertical	153	1.26	-

802.11n HT20_Nss1,(MCS0)_2TX

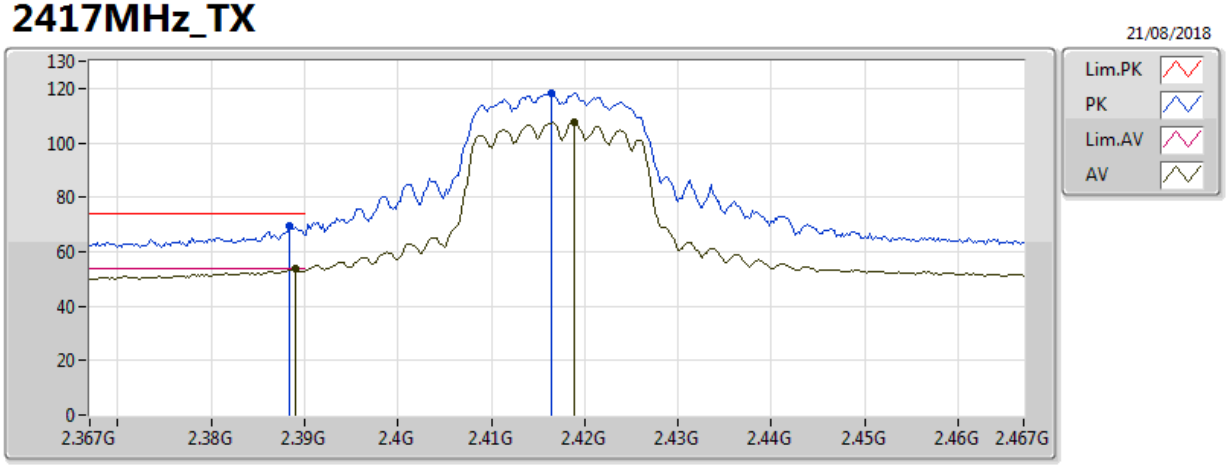
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8269G	30.12	54.00	-23.88	2.14	3	Horizontal	350	1.30	-
PK	4.8272G	43.49	74.00	-30.51	2.14	3	Horizontal	350	1.30	-

802.11n HT20_Nss1,(MCS0)_2TX

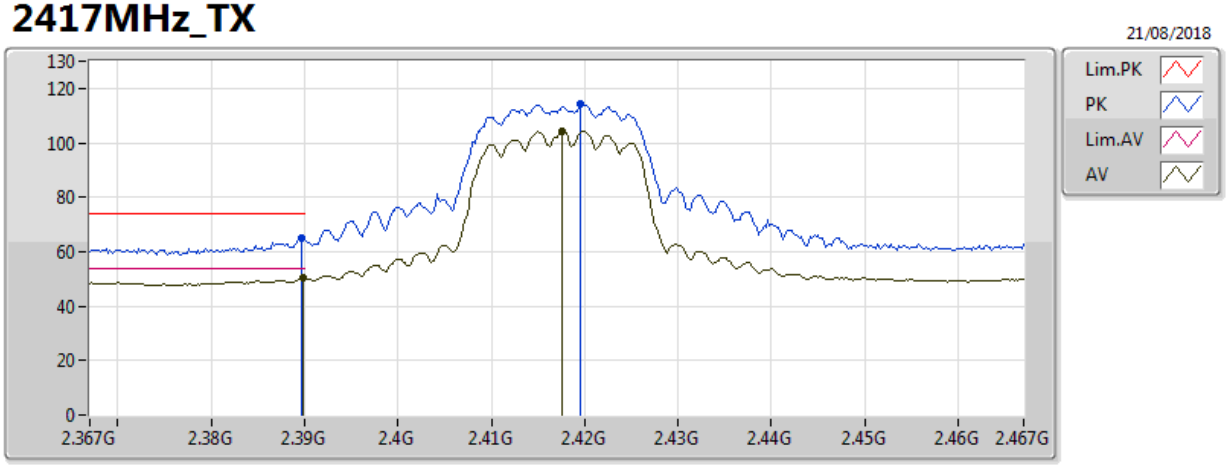
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	53.67	54.00	-0.33	30.37	3	Vertical	227	1.44	-
AV	2.4188G	107.51	Inf	-Inf	30.47	3	Vertical	227	1.44	-
PK	2.3884G	69.24	74.00	-4.76	30.37	3	Vertical	227	1.44	-
PK	2.4164G	118.29	Inf	-Inf	30.47	3	Vertical	227	1.44	-

802.11n HT20_Nss1,(MCS0)_2TX

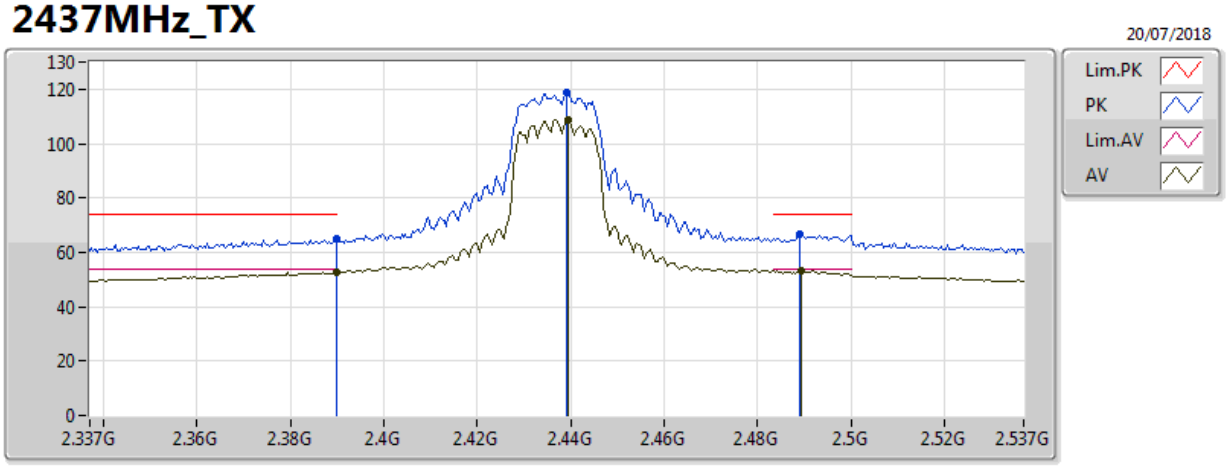
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	50.18	54.00	-3.82	30.38	3	Horizontal	69	2.91	-
AV	2.4176G	104.44	Inf	-Inf	30.47	3	Horizontal	69	2.91	-
PK	2.3896G	64.96	74.00	-9.04	30.38	3	Horizontal	69	2.91	-
PK	2.4196G	114.08	Inf	-Inf	30.48	3	Horizontal	69	2.91	-

802.11n HT20_Nss1,(MCS0)_2TX

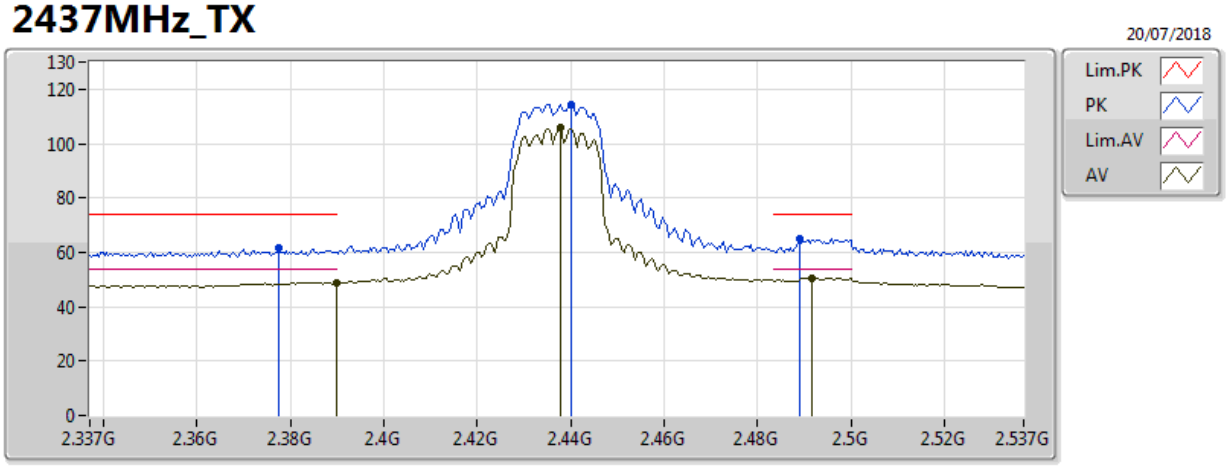
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	52.54	54.00	-1.46	30.77	3	Vertical	150	1.32	-
AV	2.4394G	108.77	Inf	-Inf	30.95	3	Vertical	150	1.32	-
AV	2.4894G	53.23	54.00	-0.77	31.13	3	Vertical	150	1.32	-
PK	2.3898G	65.23	74.00	-8.77	30.77	3	Vertical	150	1.32	-
PK	2.439G	118.82	Inf	-Inf	30.95	3	Vertical	150	1.32	-
PK	2.489G	66.51	74.00	-7.49	31.13	3	Vertical	150	1.32	-

802.11n HT20_Nss1,(MCS0)_2TX

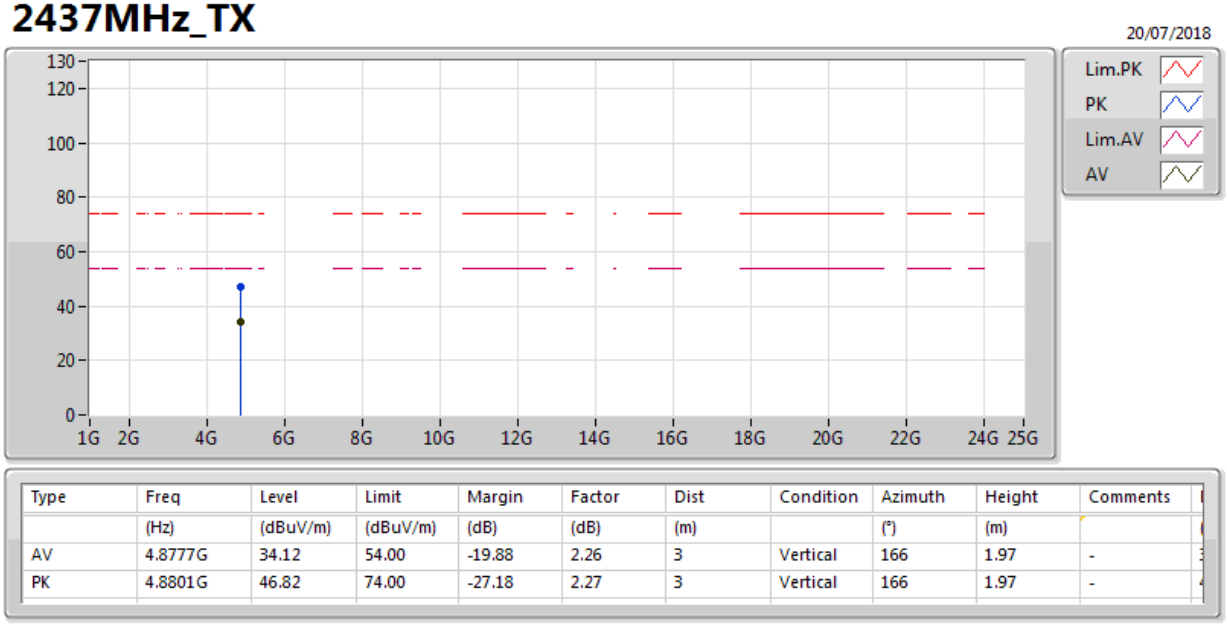
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.95	54.00	-5.05	30.77	3	Horizontal	46	3.16	-
AV	2.4378G	105.91	Inf	-Inf	30.95	3	Horizontal	46	3.16	-
AV	2.4918G	50.51	54.00	-3.49	31.14	3	Horizontal	46	3.16	-
PK	2.3774G	61.36	74.00	-12.64	30.73	3	Horizontal	46	3.16	-
PK	2.4402G	114.53	Inf	-Inf	30.95	3	Horizontal	46	3.16	-
PK	2.489G	64.88	74.00	-9.12	31.13	3	Horizontal	46	3.16	-

802.11n HT20_Nss1,(MCS0)_2TX

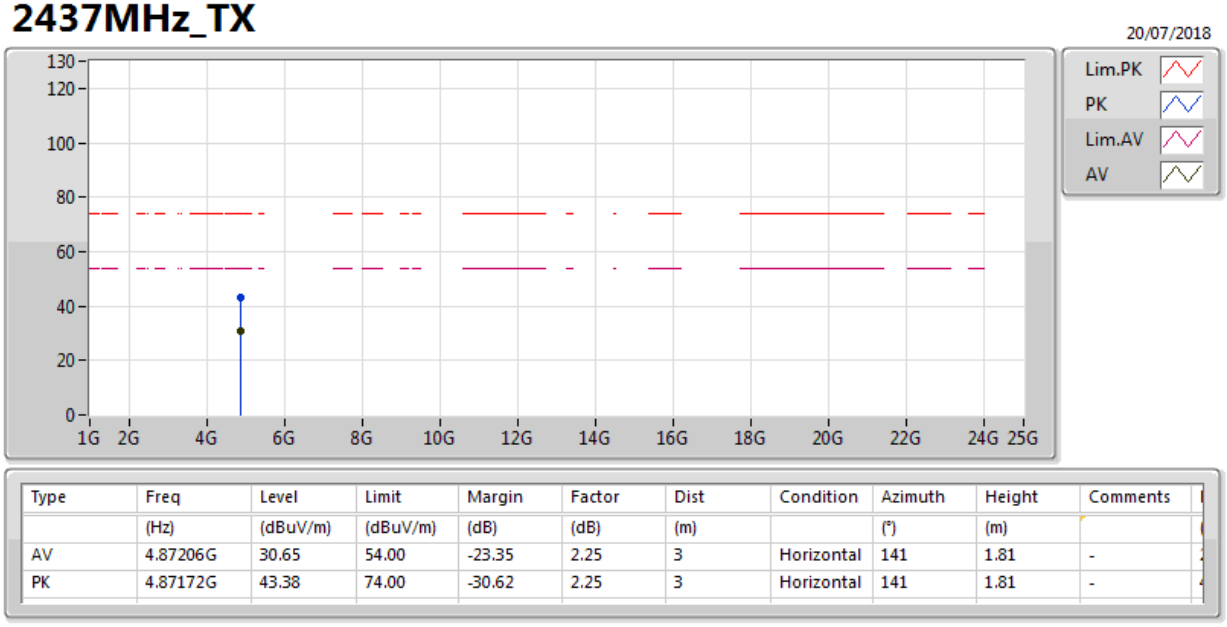
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8777G	34.12	54.00	-19.88	2.26	3	Vertical	166	1.97	-
PK	4.8801G	46.82	74.00	-27.18	2.27	3	Vertical	166	1.97	-

802.11n HT20_Nss1,(MCS0)_2TX

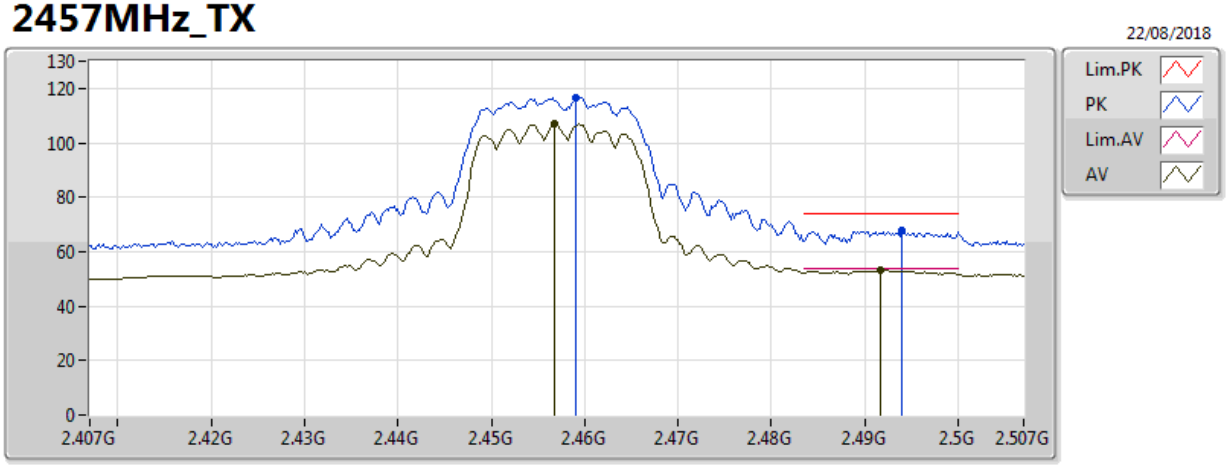
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87206G	30.65	54.00	-23.35	2.25	3	Horizontal	141	1.81	-
PK	4.87172G	43.38	74.00	-30.62	2.25	3	Horizontal	141	1.81	-

802.11n HT20_Nss1,(MCS0)_2TX

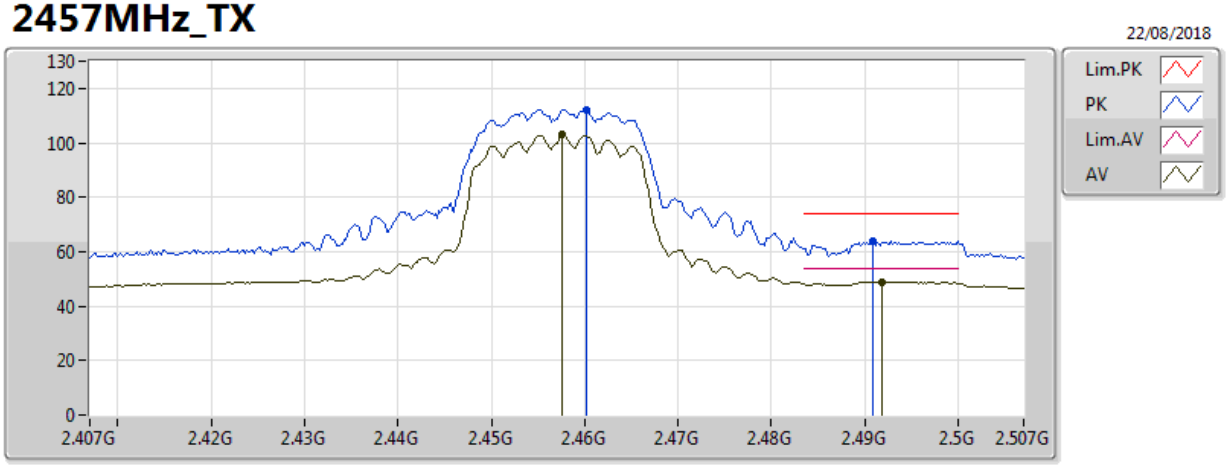
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4568G	107.03	Inf	-Inf	30.60	3	Vertical	270	1.07	-
AV	2.4916G	53.07	54.00	-0.93	30.72	3	Vertical	270	1.07	-
PK	2.459G	116.77	Inf	-Inf	30.61	3	Vertical	270	1.07	-
PK	2.494G	67.65	74.00	-6.35	30.73	3	Vertical	270	1.07	-

802.11n HT20_Nss1,(MCS0)_2TX

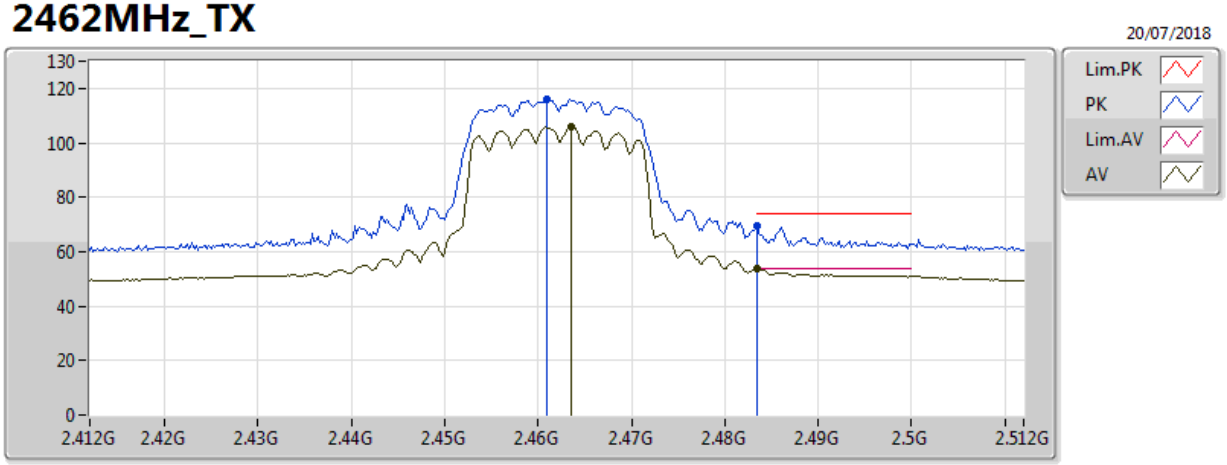
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4576G	103.21	Inf	-Inf	30.61	3	Horizontal	319	1.00	-
AV	2.4918G	48.91	54.00	-5.09	30.72	3	Horizontal	319	1.00	-
PK	2.4602G	112.24	Inf	-Inf	30.61	3	Horizontal	319	1.00	-
PK	2.4908G	64.04	74.00	-9.96	30.72	3	Horizontal	319	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

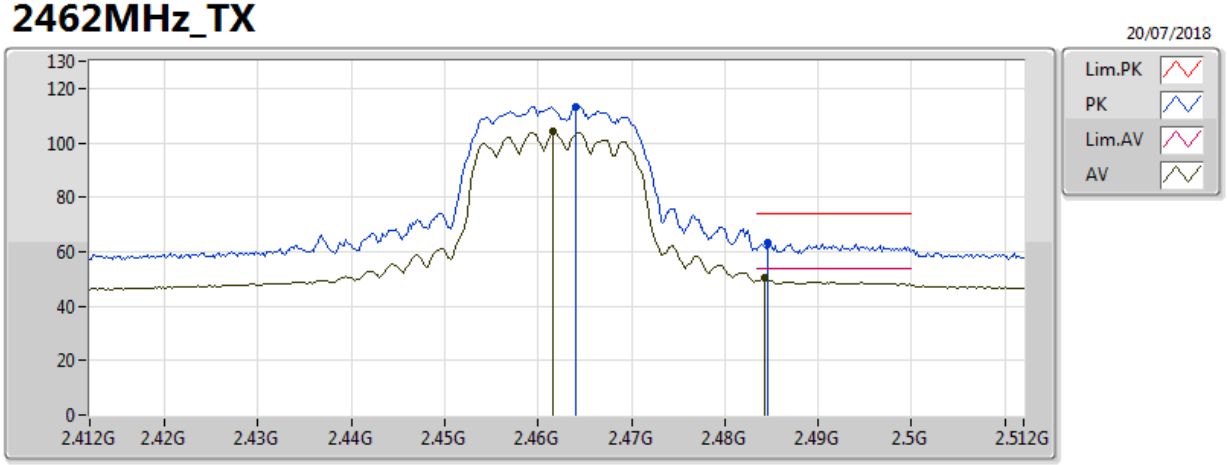
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4636G	106.12	Inf	-Inf	31.04	3	Vertical	220	1.02	-
AV	2.483502G	53.78	54.00	-0.22	31.11	3	Vertical	220	1.02	-
PK	2.461G	116.21	Inf	-Inf	31.03	3	Vertical	220	1.02	-
PK	2.483502G	69.30	74.00	-4.70	31.11	3	Vertical	220	1.02	-

802.11n HT20_Nss1,(MCS0)_2TX

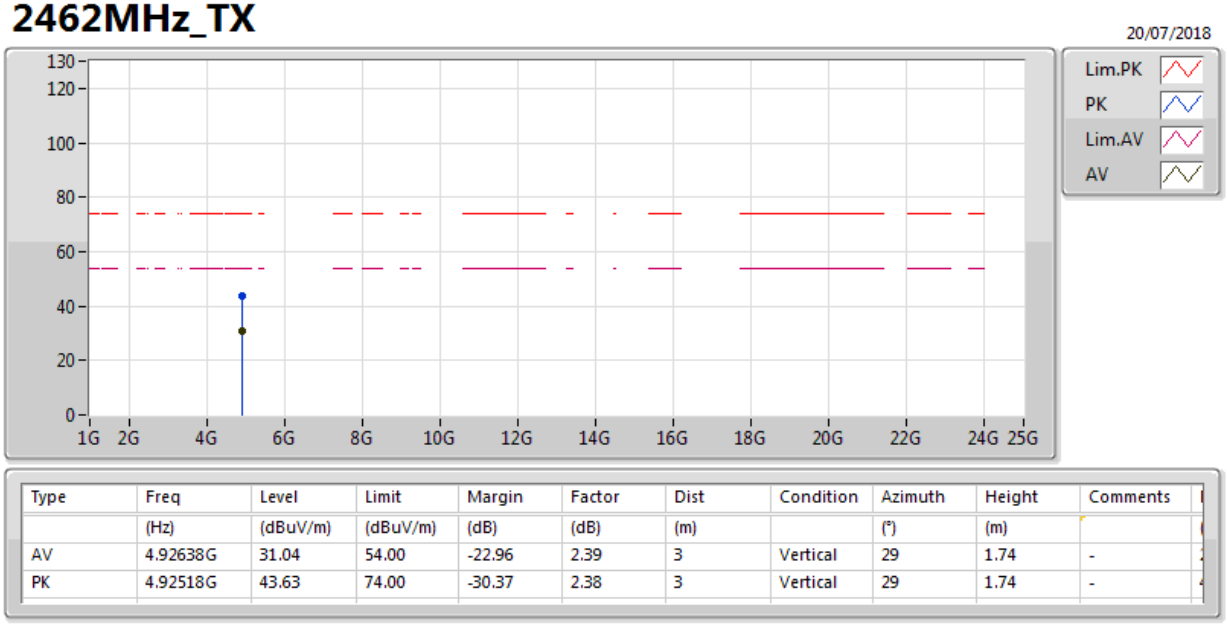
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4616G	104.07	Inf	-Inf	31.03	3	Horizontal	93	2.56	-
AV	2.4842G	50.33	54.00	-3.67	31.12	3	Horizontal	93	2.56	-
PK	2.464G	113.44	Inf	-Inf	31.04	3	Horizontal	93	2.56	-
PK	2.4846G	63.29	74.00	-10.71	31.12	3	Horizontal	93	2.56	-

802.11n HT20_Nss1,(MCS0)_2TX

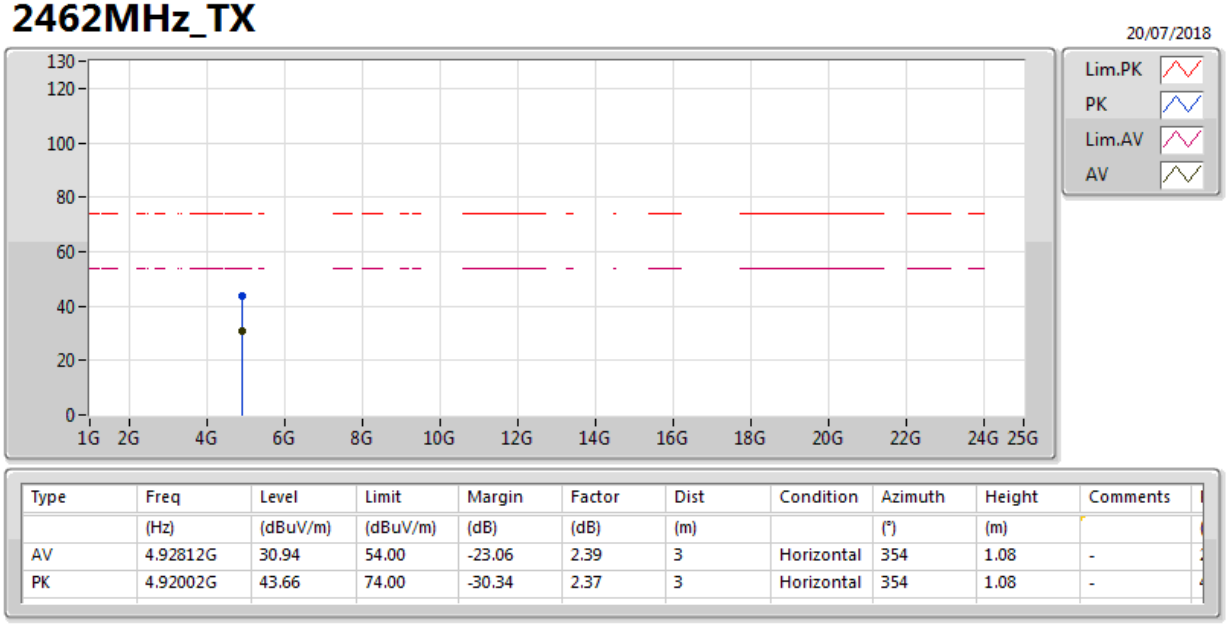
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92638G	31.04	54.00	-22.96	2.39	3	Vertical	29	1.74	-
PK	4.92518G	43.63	74.00	-30.37	2.38	3	Vertical	29	1.74	-

802.11n HT20_Nss1,(MCS0)_2TX

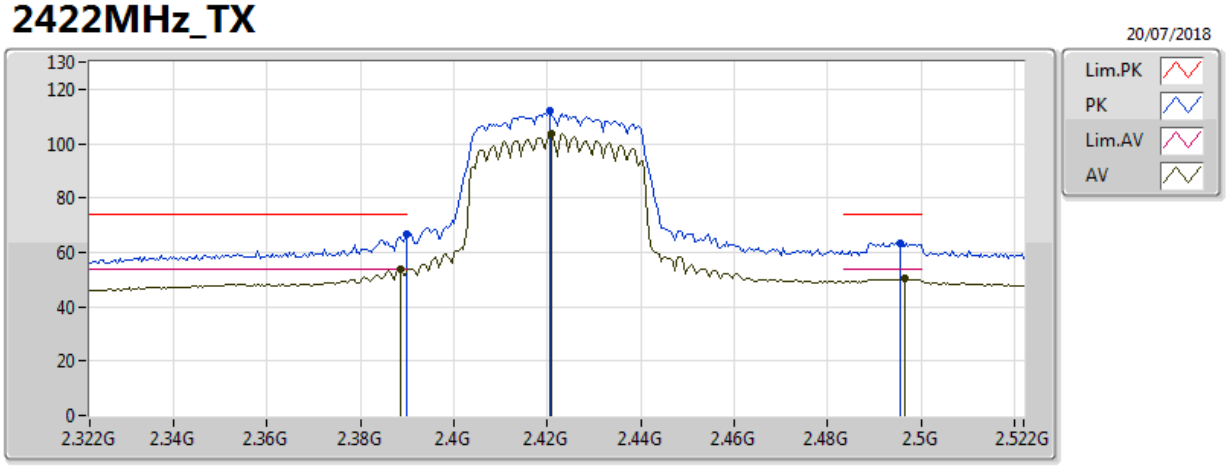
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92812G	30.94	54.00	-23.06	2.39	3	Horizontal	354	1.08	-
PK	4.92002G	43.66	74.00	-30.34	2.37	3	Horizontal	354	1.08	-

802.11n HT40_Nss1,(MCS0)_2TX

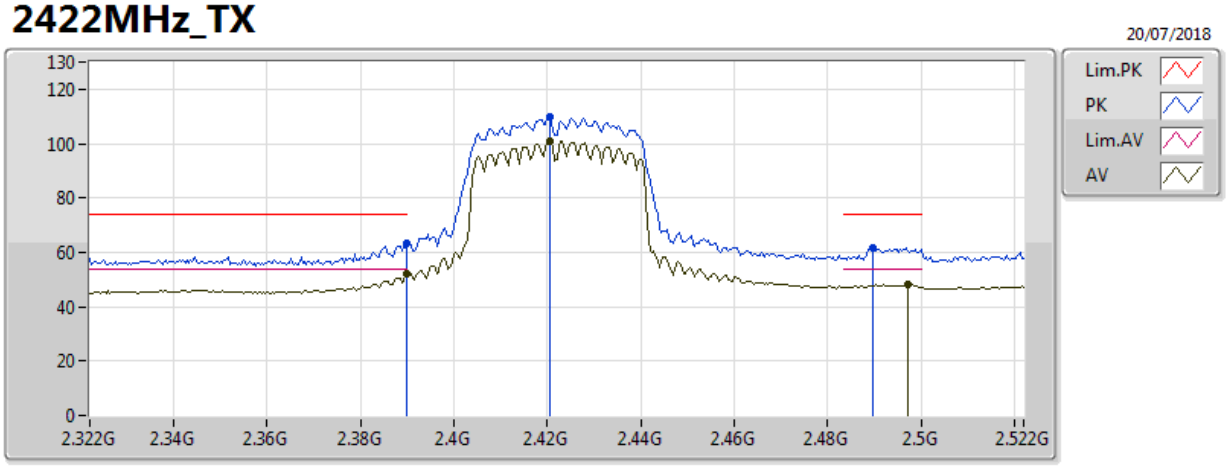
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3884G	53.55	54.00	-0.45	30.77	3	Vertical	215	1.21	-
AV	2.4208G	103.49	Inf	-Inf	30.88	3	Vertical	215	1.21	-
AV	2.4964G	50.17	54.00	-3.83	31.16	3	Vertical	215	1.21	-
PK	2.389998G	66.65	74.00	-7.35	30.77	3	Vertical	215	1.21	-
PK	2.4204G	112.09	Inf	-Inf	30.88	3	Vertical	215	1.21	-
PK	2.4956G	63.48	74.00	-10.52	31.16	3	Vertical	215	1.21	-

802.11n HT40_Nss1,(MCS0)_2TX

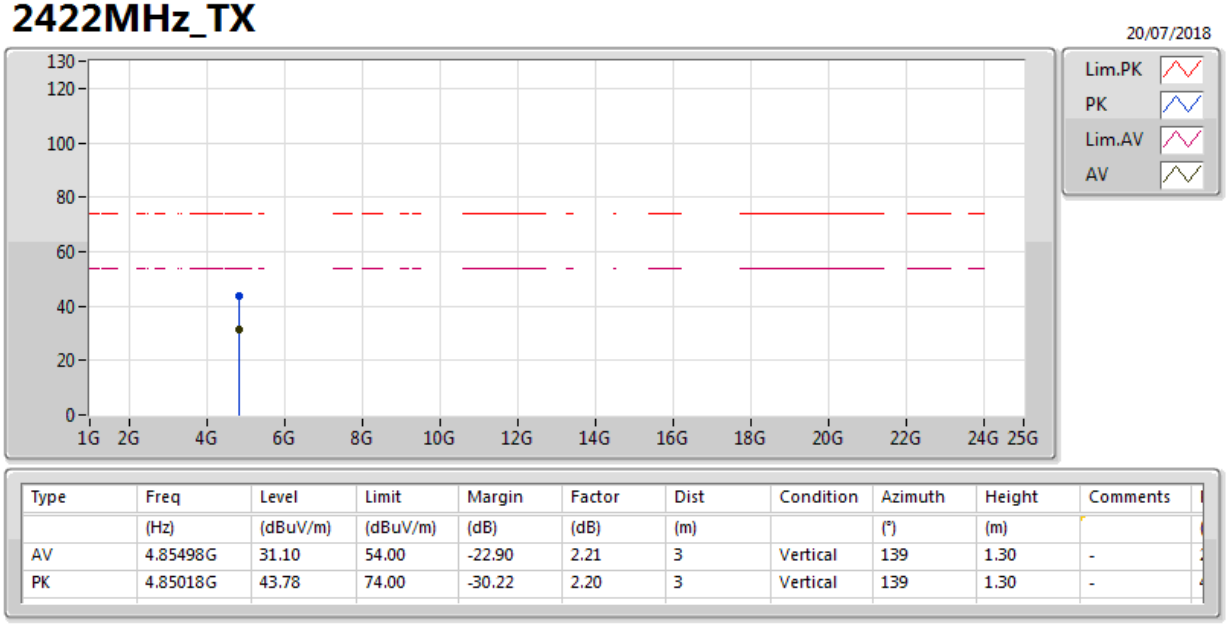
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.28	54.00	-1.72	30.77	3	Horizontal	191	2.85	-
AV	2.4204G	101.05	Inf	-Inf	30.88	3	Horizontal	191	2.85	-
AV	2.4972G	48.17	54.00	-5.83	31.16	3	Horizontal	191	2.85	-
PK	2.389998G	63.48	74.00	-10.52	30.77	3	Horizontal	191	2.85	-
PK	2.4204G	109.80	Inf	-Inf	30.88	3	Horizontal	191	2.85	-
PK	2.4896G	61.86	74.00	-12.14	31.13	3	Horizontal	191	2.85	-

802.11n HT40_Nss1,(MCS0)_2TX

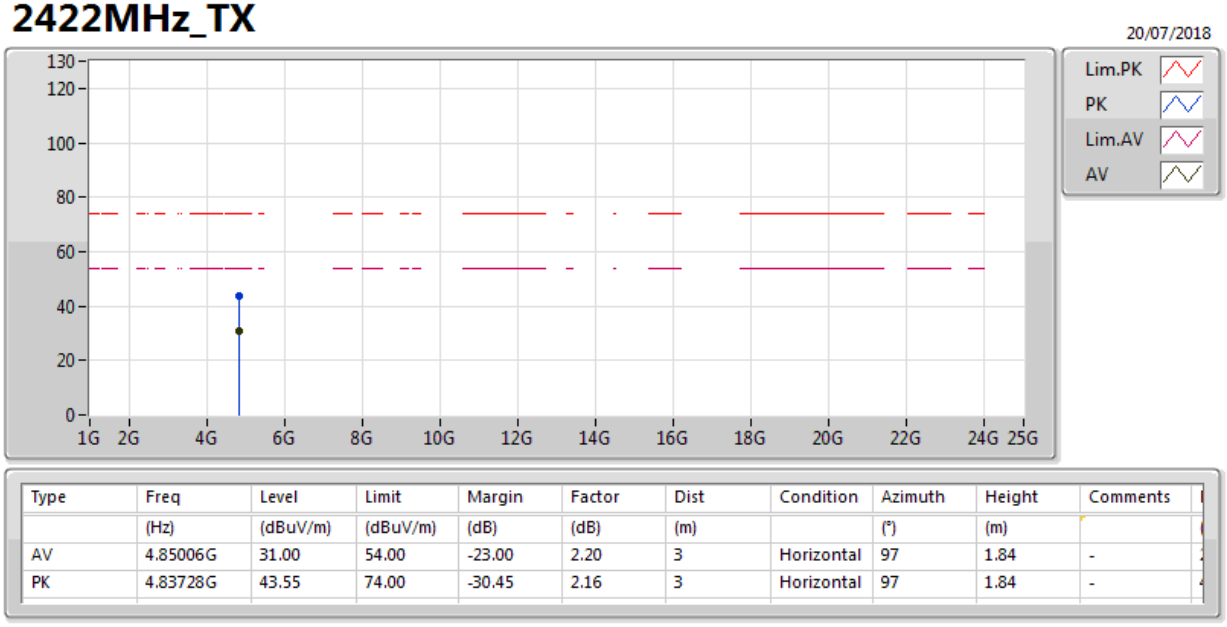
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.85498G	31.10	54.00	-22.90	2.21	3	Vertical	139	1.30	-
PK	4.85018G	43.78	74.00	-30.22	2.20	3	Vertical	139	1.30	-

802.11n HT40_Nss1,(MCS0)_2TX

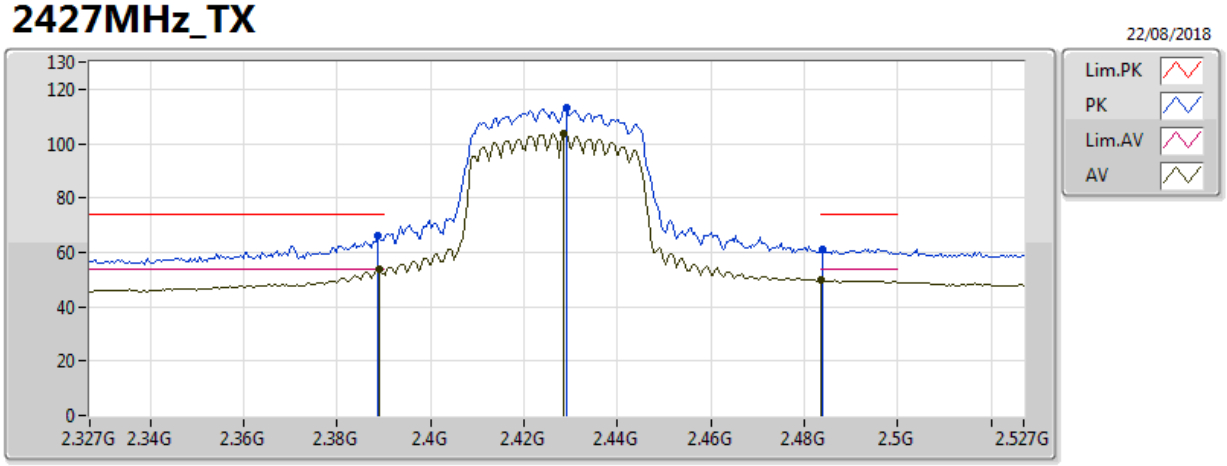
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.85006G	31.00	54.00	-23.00	2.20	3	Horizontal	97	1.84	-
PK	4.83728G	43.55	74.00	-30.45	2.16	3	Horizontal	97	1.84	-

802.11n HT40_Nss1,(MCS0)_2TX

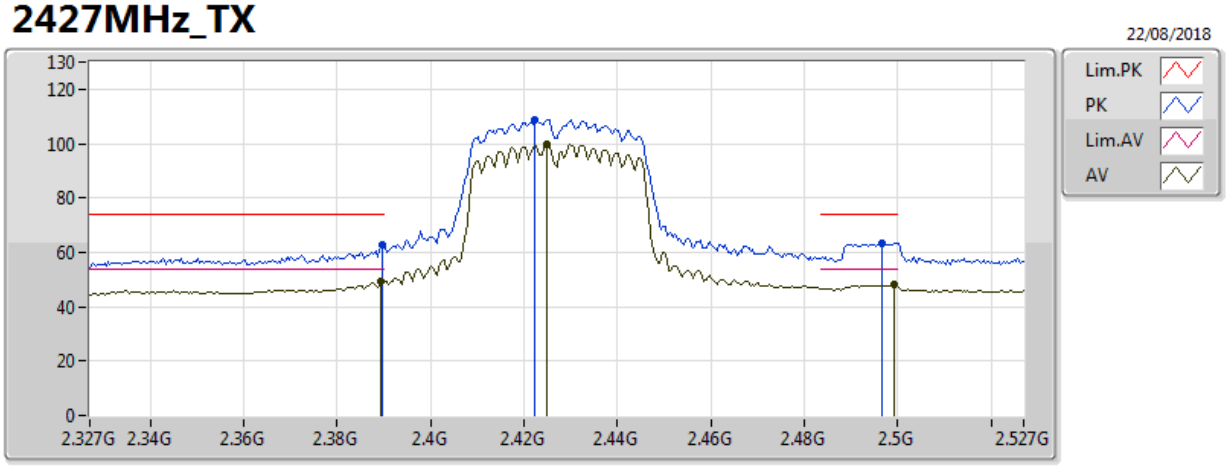
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	53.88	54.00	-0.12	30.37	3	Vertical	228	1.31	-
AV	2.4286G	103.85	Inf	-Inf	30.51	3	Vertical	228	1.31	-
AV	2.483502G	49.80	54.00	-4.20	30.69	3	Vertical	228	1.31	-
PK	2.3886G	66.11	74.00	-7.89	30.37	3	Vertical	228	1.31	-
PK	2.429G	112.92	Inf	-Inf	30.51	3	Vertical	228	1.31	-
PK	2.4838G	61.35	74.00	-12.65	30.69	3	Vertical	228	1.31	-

802.11n HT40_Nss1,(MCS0)_2TX

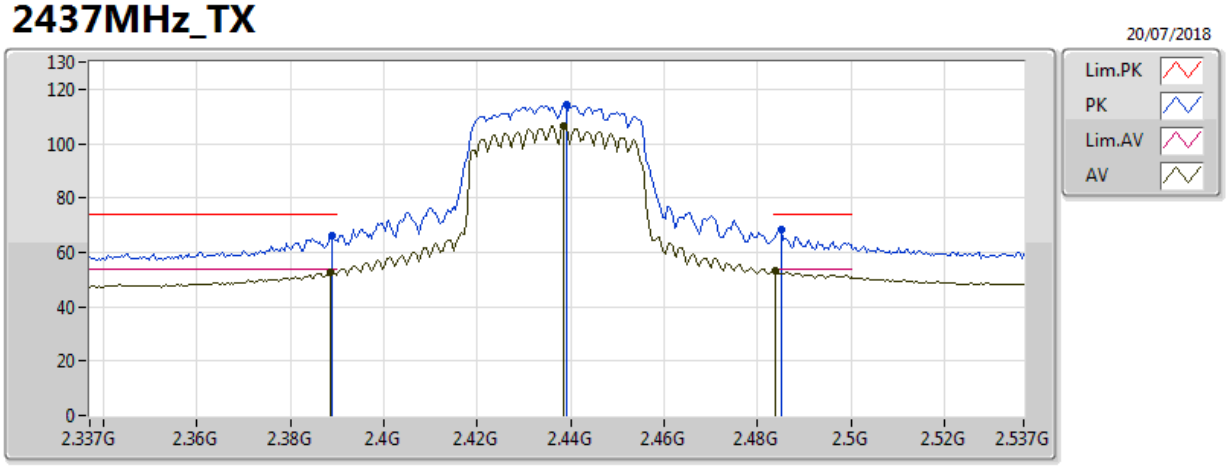
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	49.59	54.00	-4.41	30.37	3	Horizontal	67	2.91	-
AV	2.425G	99.52	Inf	-Inf	30.49	3	Horizontal	67	2.91	-
AV	2.4994G	47.99	54.00	-6.01	30.75	3	Horizontal	67	2.91	-
PK	2.3898G	62.69	74.00	-11.31	30.38	3	Horizontal	67	2.91	-
PK	2.4222G	108.69	Inf	-Inf	30.49	3	Horizontal	67	2.91	-
PK	2.4966G	63.45	74.00	-10.55	30.74	3	Horizontal	67	2.91	-

802.11n HT40_Nss1,(MCS0)_2TX

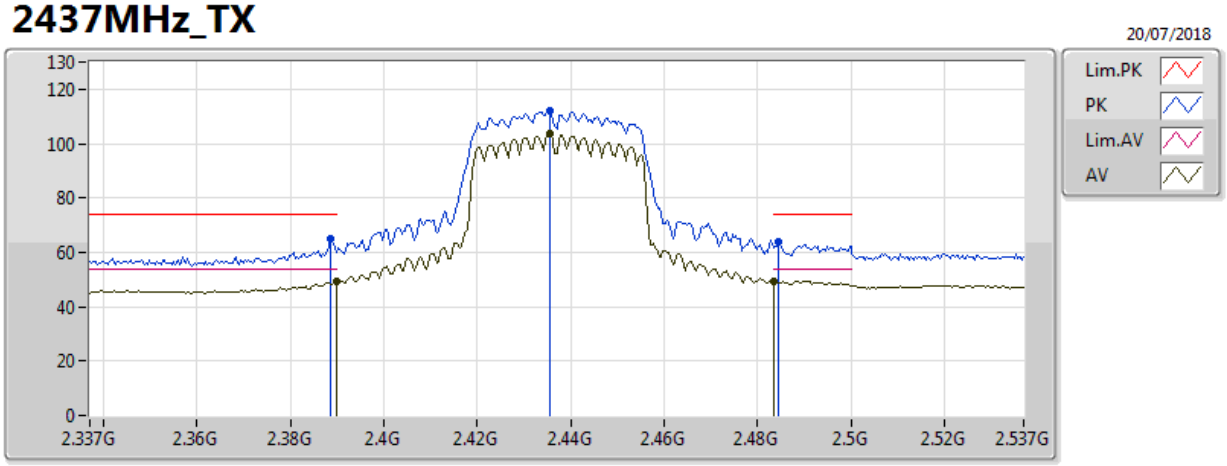
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3886G	52.78	54.00	-1.22	30.77	3	Vertical	220	1.04	-
AV	2.4386G	106.47	Inf	-Inf	30.95	3	Vertical	220	1.04	-
AV	2.4838G	53.16	54.00	-0.84	31.11	3	Vertical	220	1.04	-
PK	2.389G	65.85	74.00	-8.15	30.77	3	Vertical	220	1.04	-
PK	2.439G	114.16	Inf	-Inf	30.95	3	Vertical	220	1.04	-
PK	2.485G	68.30	74.00	-5.70	31.12	3	Vertical	220	1.04	-

802.11n HT40_Nss1,(MCS0)_2TX

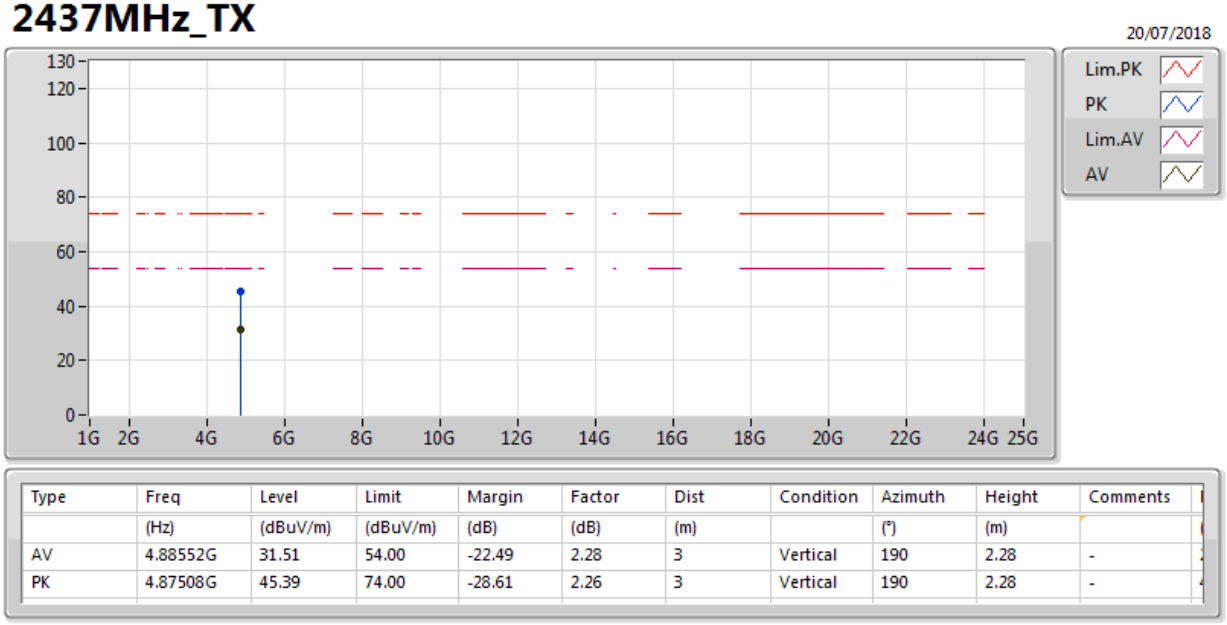
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	49.17	54.00	-4.83	30.77	3	Horizontal	249	2.82	-
AV	2.4354G	103.81	Inf	-Inf	30.94	3	Horizontal	249	2.82	-
AV	2.483502G	49.58	54.00	-4.42	31.11	3	Horizontal	249	2.82	-
PK	2.3886G	65.17	74.00	-8.83	30.77	3	Horizontal	249	2.82	-
PK	2.4354G	112.31	Inf	-Inf	30.94	3	Horizontal	249	2.82	-
PK	2.4846G	63.72	74.00	-10.28	31.12	3	Horizontal	249	2.82	-

802.11n HT40_Nss1,(MCS0)_2TX

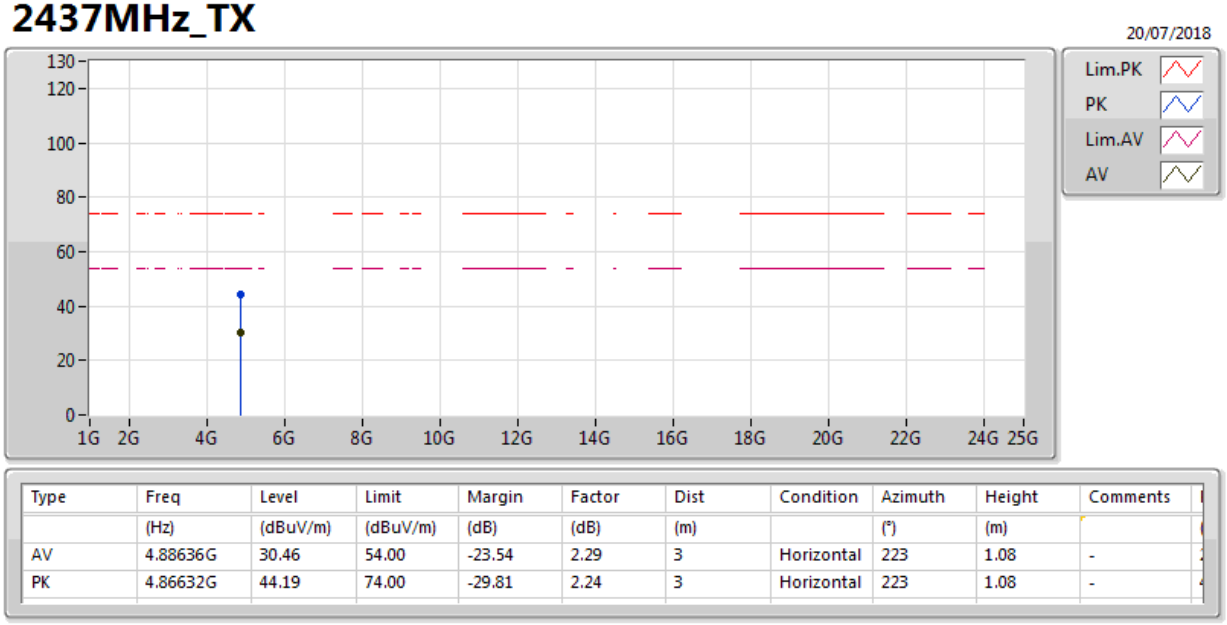
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.88552G	31.51	54.00	-22.49	2.28	3	Vertical	190	2.28	-
PK	4.87508G	45.39	74.00	-28.61	2.26	3	Vertical	190	2.28	-

802.11n HT40_Nss1,(MCS0)_2TX

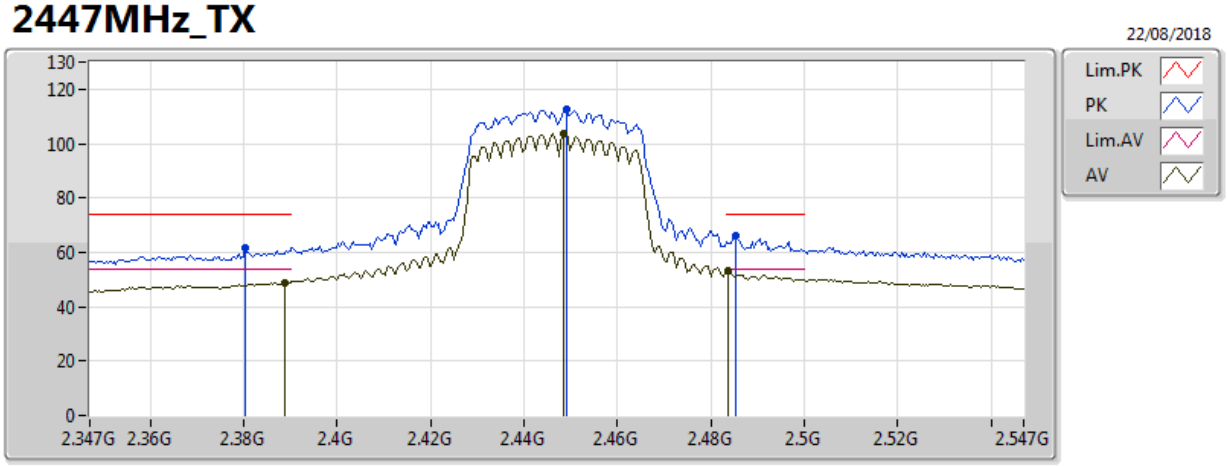
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.88636G	30.46	54.00	-23.54	2.29	3	Horizontal	223	1.08	-
PK	4.86632G	44.19	74.00	-29.81	2.24	3	Horizontal	223	1.08	-

802.11n HT40_Nss1,(MCS0)_2TX

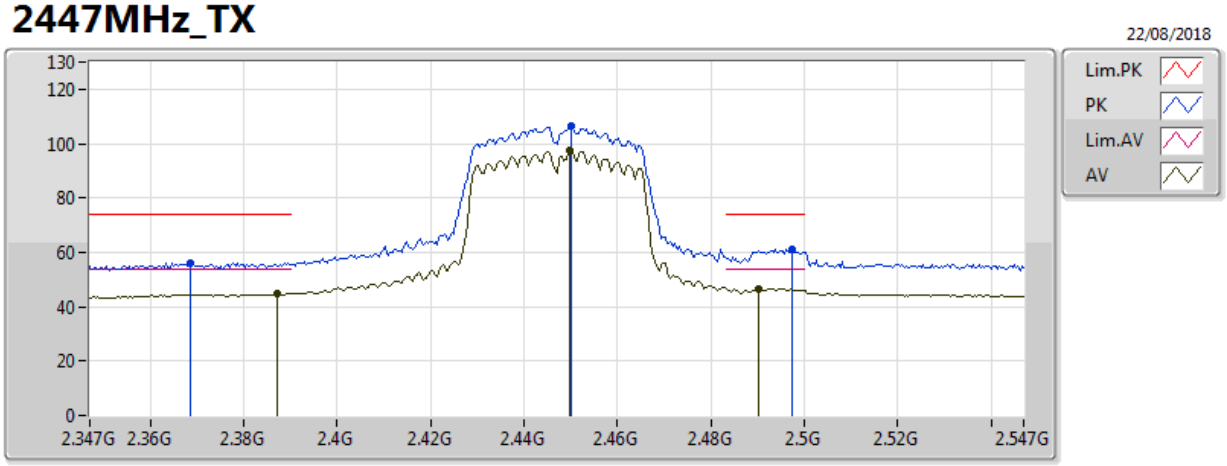
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3886G	49.03	54.00	-4.97	30.37	3	Vertical	227	1.08	-
AV	2.4486G	103.70	Inf	-Inf	30.58	3	Vertical	227	1.08	-
AV	2.4838G	53.36	54.00	-0.64	30.69	3	Vertical	227	1.08	-
PK	2.3802G	61.37	74.00	-12.63	30.34	3	Vertical	227	1.08	-
PK	2.449G	112.67	Inf	-Inf	30.58	3	Vertical	227	1.08	-
PK	2.4854G	65.93	74.00	-8.07	30.70	3	Vertical	227	1.08	-

802.11n HT40_Nss1,(MCS0)_2TX

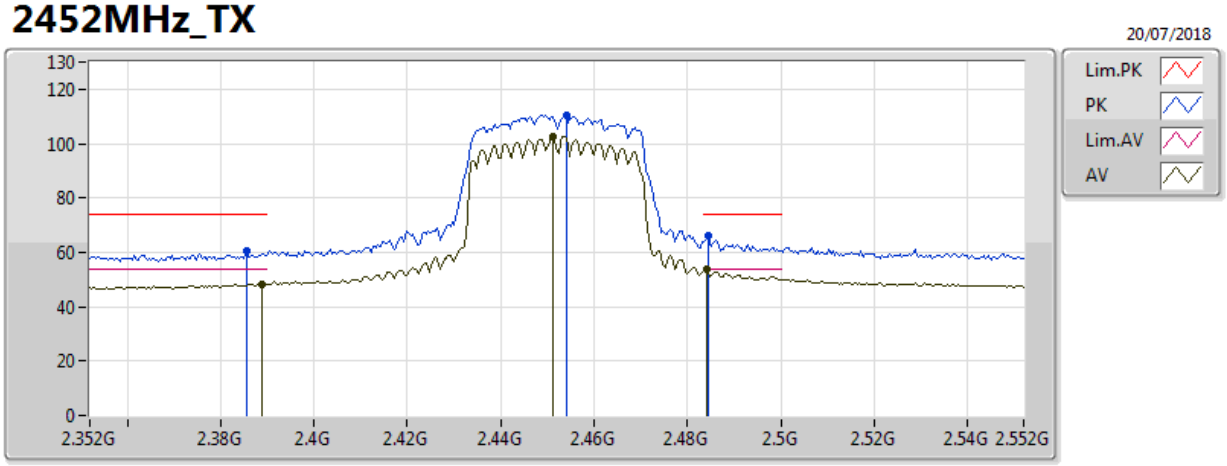
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.387G	44.87	54.00	-9.13	30.37	3	Horizontal	327	1.48	-
AV	2.4498G	97.31	Inf	-Inf	30.58	3	Horizontal	327	1.48	-
AV	2.4902G	46.64	54.00	-7.36	30.72	3	Horizontal	327	1.48	-
PK	2.3686G	56.22	74.00	-17.78	30.30	3	Horizontal	327	1.48	-
PK	2.4502G	106.53	Inf	-Inf	30.58	3	Horizontal	327	1.48	-
PK	2.4974G	61.16	74.00	-12.84	30.74	3	Horizontal	327	1.48	-

802.11n HT40_Nss1,(MCS0)_2TX

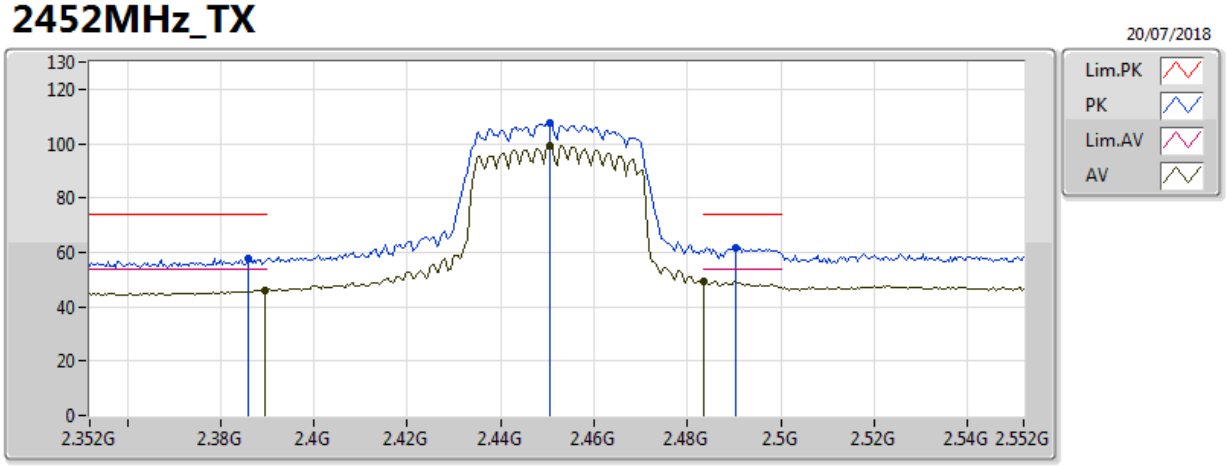
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3888G	48.31	54.00	-5.69	30.77	3	Vertical	217	1.01	-
AV	2.4512G	102.80	Inf	-Inf	30.99	3	Vertical	217	1.01	-
AV	2.484G	53.57	54.00	-0.43	31.12	3	Vertical	217	1.01	-
PK	2.3856G	60.27	74.00	-13.73	30.76	3	Vertical	217	1.01	-
PK	2.454G	110.38	Inf	-Inf	31.00	3	Vertical	217	1.01	-
PK	2.4844G	66.34	74.00	-7.66	31.12	3	Vertical	217	1.01	-

802.11n HT40_Nss1,(MCS0)_2TX

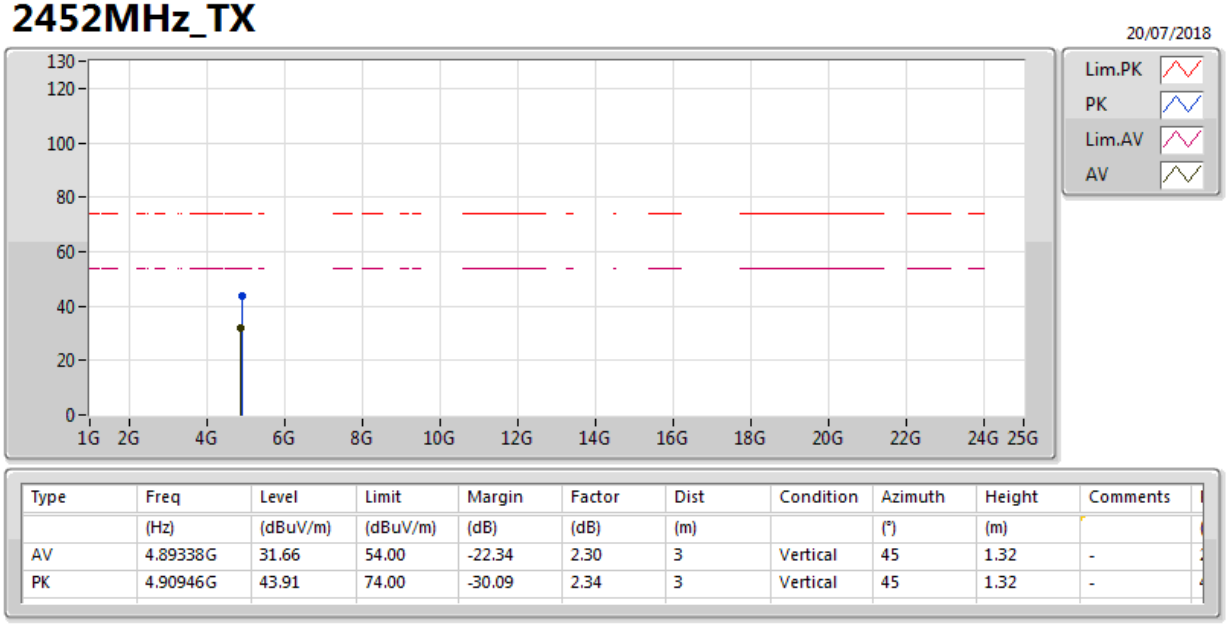
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	46.13	54.00	-7.87	30.77	3	Horizontal	251	2.88	-
AV	2.4504G	99.37	Inf	-Inf	30.99	3	Horizontal	251	2.88	-
AV	2.483502G	49.28	54.00	-4.72	31.11	3	Horizontal	251	2.88	-
PK	2.386G	57.63	74.00	-16.37	30.76	3	Horizontal	251	2.88	-
PK	2.4504G	107.70	Inf	-Inf	30.99	3	Horizontal	251	2.88	-
PK	2.4904G	61.77	74.00	-12.23	31.13	3	Horizontal	251	2.88	-

802.11n HT40_Nss1,(MCS0)_2TX

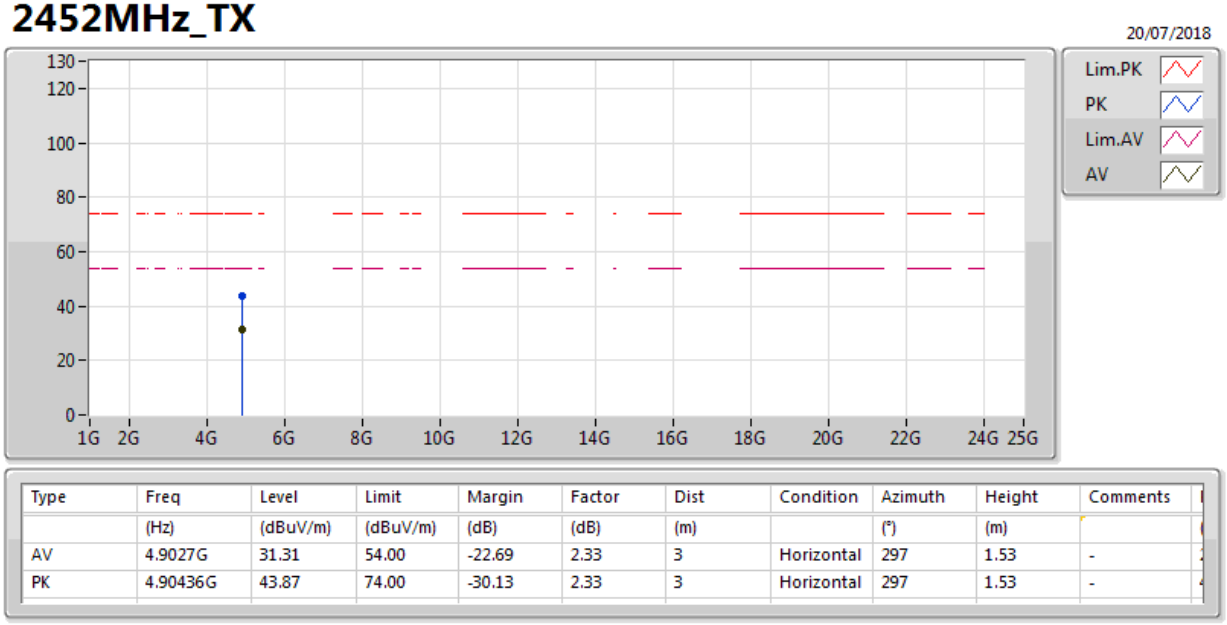
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.89338G	31.66	54.00	-22.34	2.30	3	Vertical	45	1.32	-
PK	4.90946G	43.91	74.00	-30.09	2.34	3	Vertical	45	1.32	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9027G	31.31	54.00	-22.69	2.33	3	Horizontal	297	1.53	-
PK	4.90436G	43.87	74.00	-30.13	2.33	3	Horizontal	297	1.53	-