



FCC Test Report

FCC ID : A8J-ENS500-ACV2
Equipment : Outdoor Long Range Wireless Access Point
Brand Name : 
Model Name : ENS500-ACv2,ENS500EXT-ACv2, EnStation5-ACv2, EAS100-14v2, EAS100EXTv2, EAS100-19v2
Applicant : EnGenius Technologies
1580 Scenic Avenue, Costa Mesa, CA92626
Manufacturer : Senao Networks Inc.
No.500, Fusing 3rd Rd., Hwa Ya Technology Park,
Kuei-shan District, Taoyuan City 333, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Jun. 17, 2019, and testing was started from Jun. 24, 2019 and completed on Jul. 08, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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PHOTOGRAPHS OF EUT V01



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: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Remark
1	-	-	PIFA antenna	I-Pex	2.4G WLAN	For Model: ENS500-ACv2 and EAS100-14v2 use only
2	-	-	Patch antenna	I-Pex	5G WLAN	
3	-	-	Patch antenna	I-Pex	5G WLAN	
4	-	-	PIFA antenna	I-Pex	2.4G WLAN	For Model: ENS500EXT-ACv2 and EAS100EXTv2, use only
5	-	-	Dipole antenna	Reverse SMA	5G WLAN	
6	-	-	Dipole antenna	Reverse SMA	5G WLAN	
7	-	-	PIFA antenna	I-Pex	2.4G WLAN	For Model: EnStation5-ACv2 and EAS100-19v2 use only
8	-	-	Patch antenna	I-Pex	5G WLAN	
9	-	-	Patch antenna	I-Pex	5G WLAN	



Ant.	Gain (dBi)			Antenna above 30 drees Gain (dBi)
	2.4G	5G		5G
		U-NII-1	U-NII-3	U-NII-1
1	3.22	-	-	-
2	-	13.35	13.35	5.46
3	-	13.42	13.42	5.46
4	3.22	-	-	-
5	-	5.12	5.17	4.31
6	-	5.12	5.17	4.31
7	3.22	-	-	-
8	-	15.5	15.5	14.42
9	-	15.5	15.5	14.42

For 2.4GHz function:

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

Ant. 1, Ant. 4 and Ant. 7 could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 2~3, Ant. 5~6 and Ant. 8~9 could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input checked="" type="checkbox"/>	Point-to-point
Beamforming Function	<input type="checkbox"/>	With beamforming	<input checked="" type="checkbox"/>	Without beamforming
Type of EUT				
<input checked="" type="checkbox"/>	Stand-alone			
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:		...	
<input type="checkbox"/>	Other:			



1.1.4 Mode Test Duty Cycle

ENS500-ACv2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.979	0.09	2.028m	1k
802.11n HT20	0.974	0.11	1.893m	1k
802.11n HT40	0.963	0.16	932.5u	3k



ENS500EXT-ACv2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.975	0.11	2.026m	1k
802.11n HT20	0.975	0.11	1.889m	1k
802.11n HT40	0.959	0.18	929.375u	3k

EnStation5-ACv2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.978	0.1	2.026m	1k
802.11n HT20	0.973	0.12	1.89m	1k
802.11n HT40	0.963	0.16	929.375u	3k

1.1.5 Table for Multiple Listing

Brand Name	Model Name	Description
	ENS500-ACv2	Internal direct 14dBi antenna
	ENS500EXT-ACv2	Accessory with external dipole 5dBi*2 antenna
	EnStation5-ACv2	Internal direct 19dBi antenna
	EAS100-14v2	Internal direct 14dBi antenna
	EAS100EXTv2	Accessory with external dipole 5dBi*2 antenna
	EAS100-19v2	Internal direct 19dBi antenna

Note. For more detailed features description, please refer to the specifications or user's manual.



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 v05r02
- ◆ KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location					
<input checked="" type="checkbox"/>	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.					

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO01-HY	Edward	23.5~25.4°C / 56~66.3%	24/Jun/2019
RF Conducted	TH07-HY	Clara	24.3~25.6°C / 60~67%	08/Jul/2019
Radiated	03CH02-HY	Patrick	25.3~26.8°C / 54.8~56.9%	05/Jul/2019~ 06/Jul/2019

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)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 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 °C	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	art2_ver_4_9_854
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ENS500-ACv2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	8
2437MHz	8
2462MHz	8.5
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	7
2417MHz	15
2437MHz	15
2462MHz	15
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	11
2417MHz	15
2437MHz	15
2462MHz	15
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	9.5
2427MHz	11.5
2437MHz	9.5
2447MHz	15
2452MHz	14

ENS500EXT-ACv2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	8
2437MHz	8
2462MHz	8
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	10



Mode	Power Setting
2417MHz	15
2437MHz	15
2462MHz	15
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	10
2417MHz	15
2437MHz	15
2462MHz	15
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	8
2427MHz	10.5
2437MHz	9.5
2447MHz	14
2452MHz	12




EnStation5-ACv2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	10
2437MHz	10
2462MHz	10.5
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	10
2417MHz	15
2437MHz	15
2457MHz	15
2462MHz	15
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	11
2417MHz	15
2437MHz	15
2457MHz	15
2462MHz	14.5
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	8.5
2427MHz	10
2437MHz	9.5
2447MHz	12.5
2452MHz	11.5

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	PoE mode, ENS500-ACv2
2	PoE mode, ENS500EXT-ACv2
3	PoE mode, EnStation5-ACv2

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode, ENS500-ACv2		
2	PoE mode, ENS500EXT-ACv2		
3	PoE mode, EnStation5-ACv2		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz+ WLAN 5GHz
Refer to Sporton Test Report No.: FA961714 for Co-location RF Exposure Evaluation.	



2.4 Accessories and Support Equipment

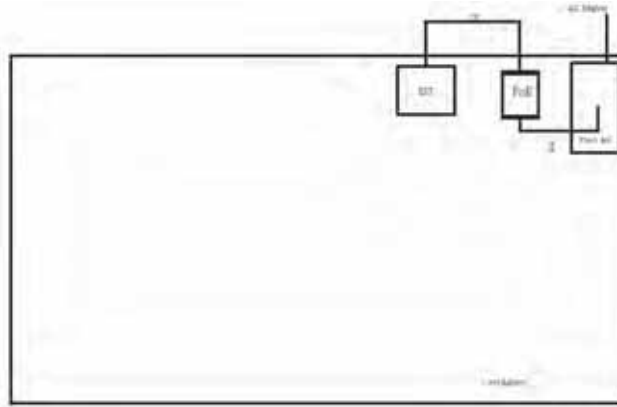
Accessories				
PoE 1	Brand Name	EnGenius	Model Name	EPA2406GR
	Manufacturer	EnGenius	SN	-
	Power Rating	I/P: 100 - 240Vac, 0.4 A, O/P: 24 Vdc, 0.6 A		
PoE 2	Brand Name	EnGenius	Model Name	EPA2406GR
	Manufacturer	EnGenius	SN	-
	Power Rating	I/P: 100 - 240Vac, 0.4 A, O/P: 24 Vdc, 0.6 A		
PoE 3	Brand Name	EnGenius	Model Name	EPA2406GR
	Manufacturer	EnGenius	SN	-
	Power Rating	I/P: 100 - 240Vac, 0.4 A, O/P: 24 Vdc, 0.6 A		
Power Cable 1	Brand Name	EnGenius	Model Name	-
	Manufacturer	-	SN	-
	Power Cord	0.5 meter, non-shielded cable, w/o ferrite core		
Power Cable 2	Brand Name	EnGenius	Model Name	-
	Manufacturer	-	SN	-
	Power Cord	0.5 meter, non-shielded cable, w/o ferrite core		
Power Cable 3	Brand Name	EnGenius	Model Name	-
	Manufacturer	-	SN	-
	Power Cord	0.5 meter, non-shielded cable, w/o ferrite core		

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

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

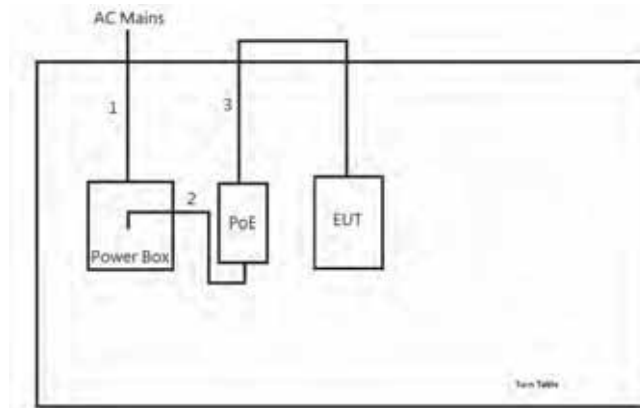
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	AC Power line	No	0.5	-
3	LAN Cable	No	1.0	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	AC Power line	No	0.5	-
3	LAN Cable	No	2.0	-

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.

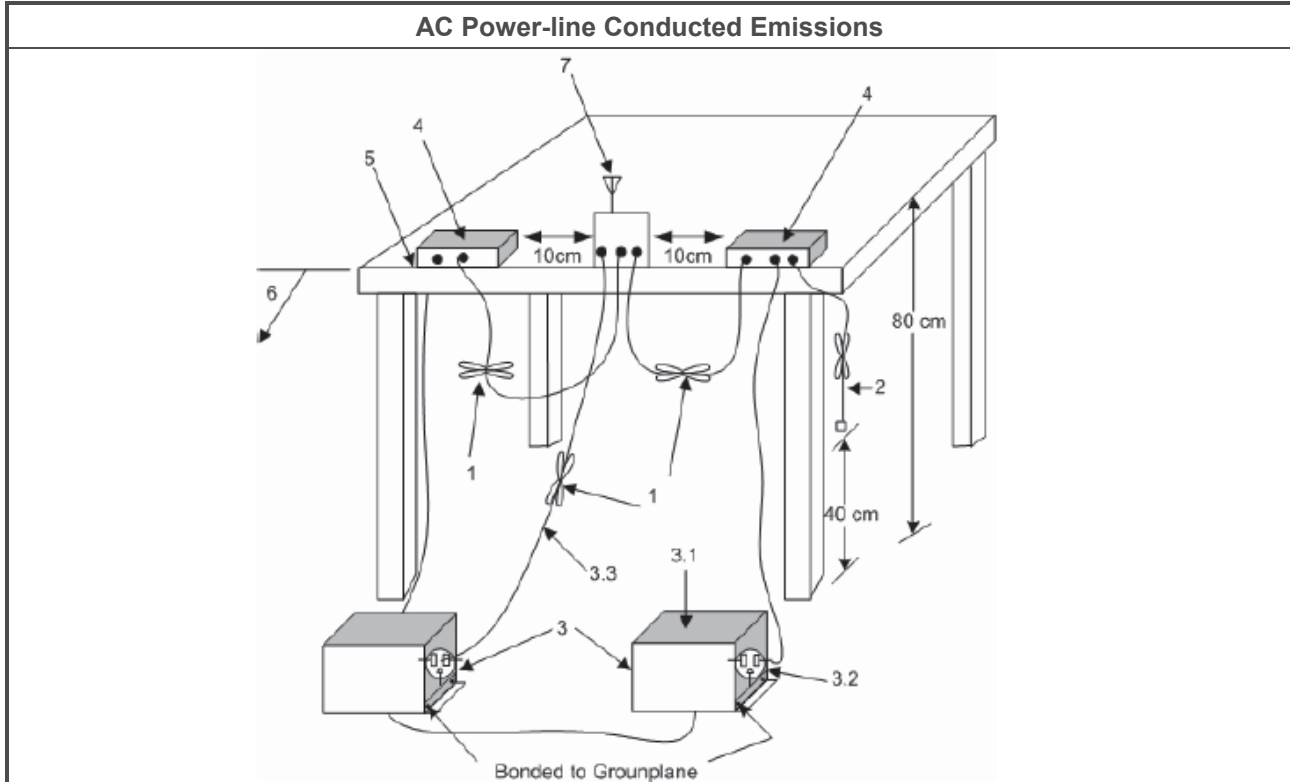
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



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:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

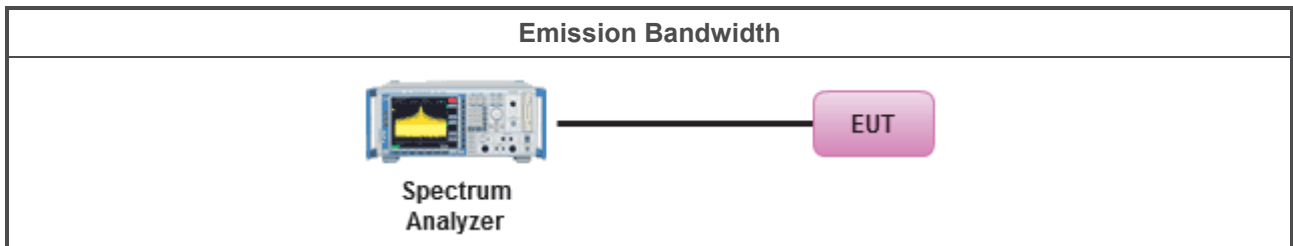
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/> Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/> Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



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	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - 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:	
	<ul style="list-style-type: none"> ▪ 2400-2483.5 MHz Band
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS)
	<ul style="list-style-type: none"> - Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ 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.	

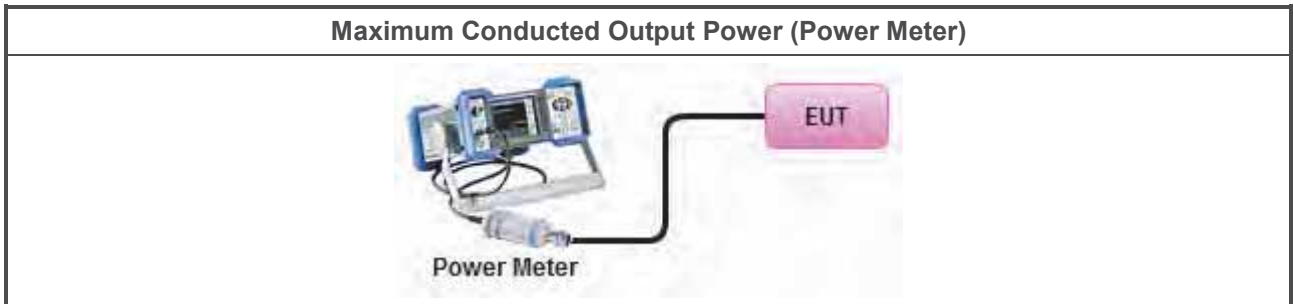
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
<ul style="list-style-type: none"> ▪ Maximum Average Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ 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. 	
<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.3.4 Test Setup



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
<ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz

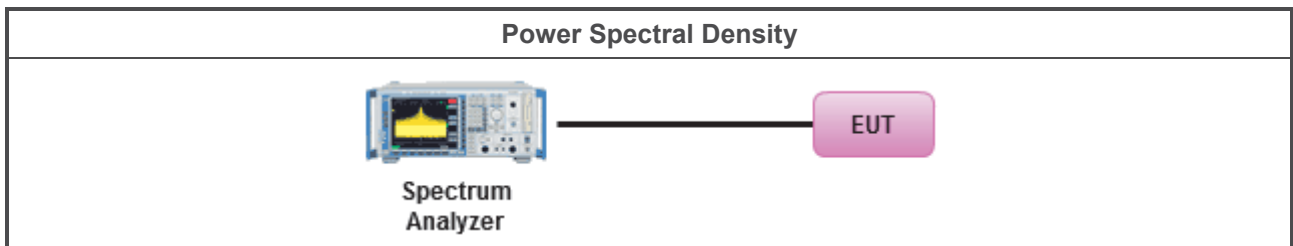
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
<ul style="list-style-type: none"> 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).
<input checked="" type="checkbox"/> Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Method PKPSD.
<ul style="list-style-type: none"> For conducted measurement.
<ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> 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



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 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 level.

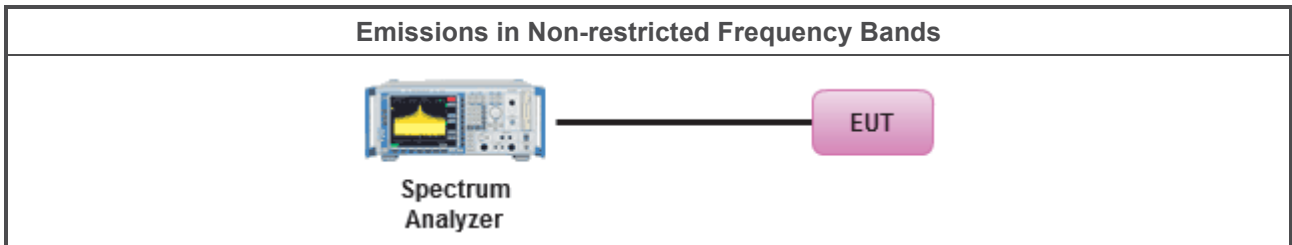
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



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.

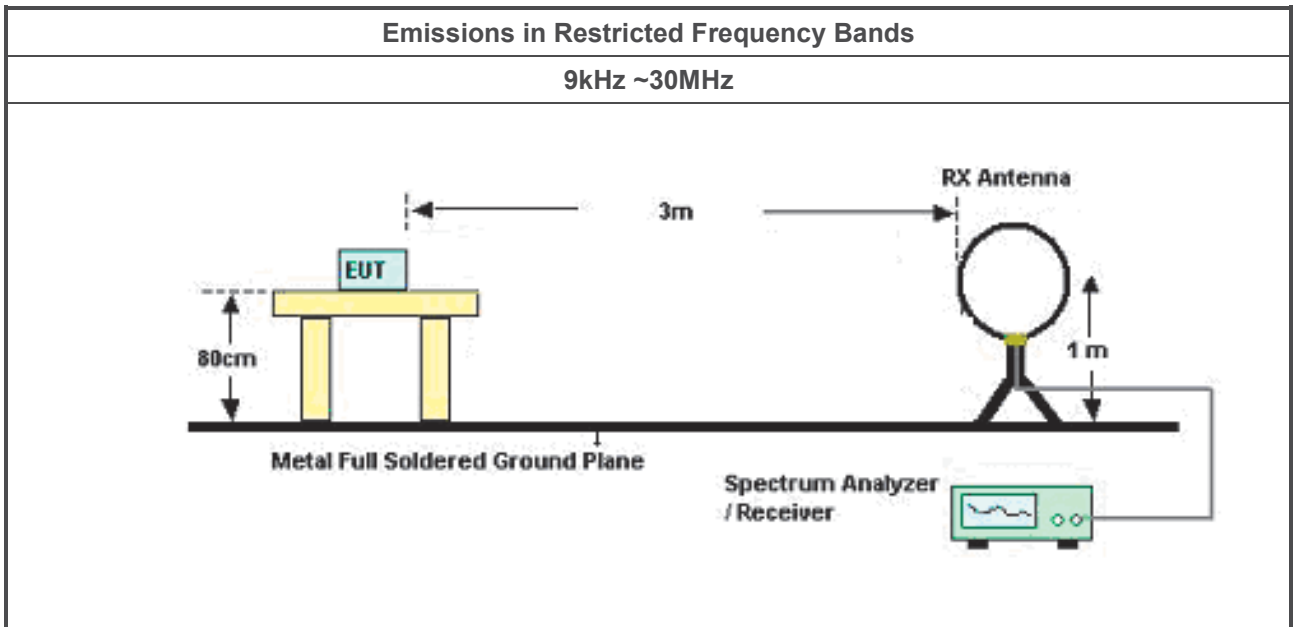
3.6.2 Measuring Instruments

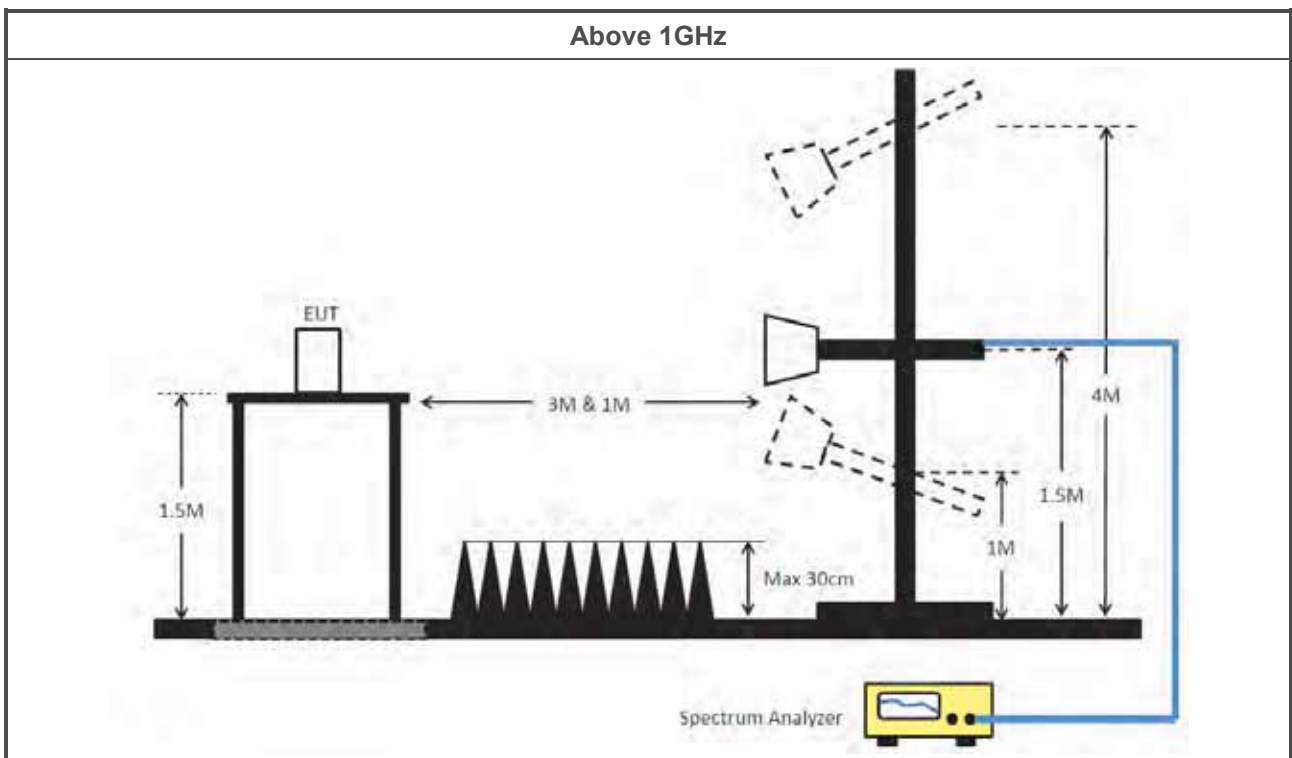
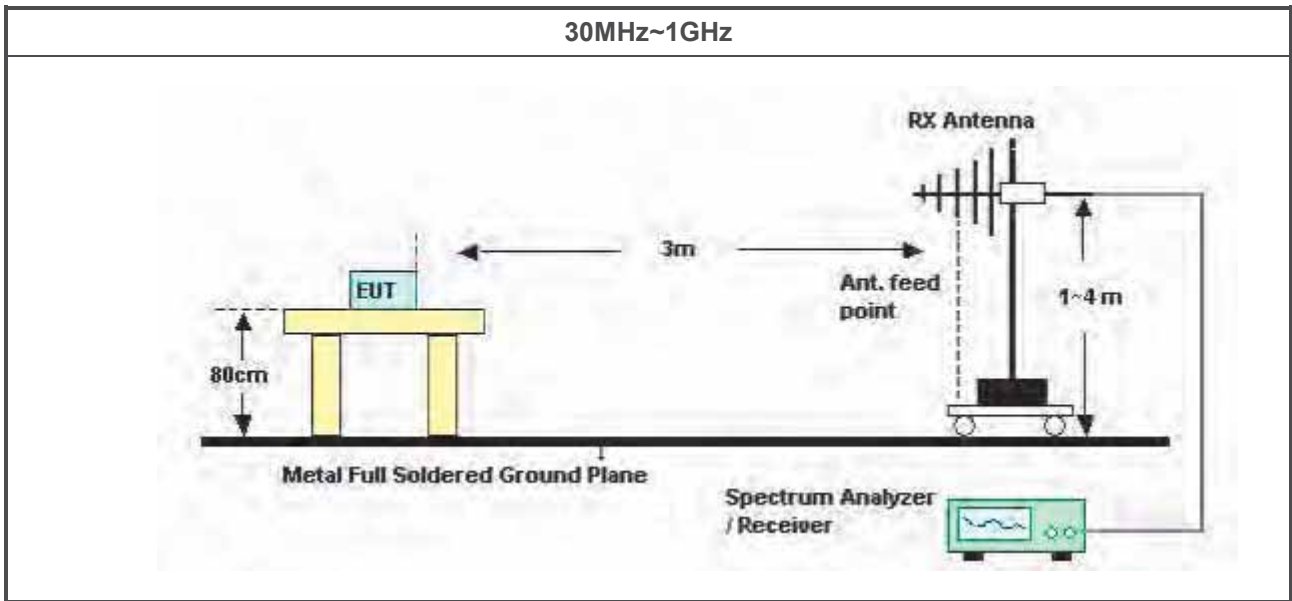
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle \geq 98 or duty factor]. 	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
<ul style="list-style-type: none"> For the transmitter band-edge emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
<ul style="list-style-type: none"> Use the following spectrum analyzer settings: 	
	<ul style="list-style-type: none"> Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.

3.6.4 Test Setup





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
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	13/Mar/2019	12/Mar/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~18GHz	21/Mar/2019	20/Mar/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz~18GHz	21/Mar/2019	20/Mar/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable - 05	30MHz~18GHz	21/Mar/2019	20/Mar/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	30-1000MHz	02/Jul/2019	01/Jul/2020
Microwave Preamp	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	23/Oct/2018	22/Oct/2019
Signal Analyzer	R&S	FSP40	100593	9 kHz ~ 40 GHz	27/Dec/2018	26/Dec/2019
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	18/Jan/2019	17/Jan/2020
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	18/Jan/2019	17/Jan/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	08/Sep/2018	07/Sep/2019
EMI Test Receiver	R&S	ESR	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	22/Mar/2019	21/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	03/Jun/2019	02/Jun/2020



Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV 216	101274	9kHz ~ 30MHz	03/Jun/2019	02/Jun/2020
RF Cable-CON	MTJ	RG142	CB001-CO	9kHz ~ 30MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11003G	F308010045	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561F	9495	9kHz ~ 30MHz	11/Oct/2018	10/Oct/2019

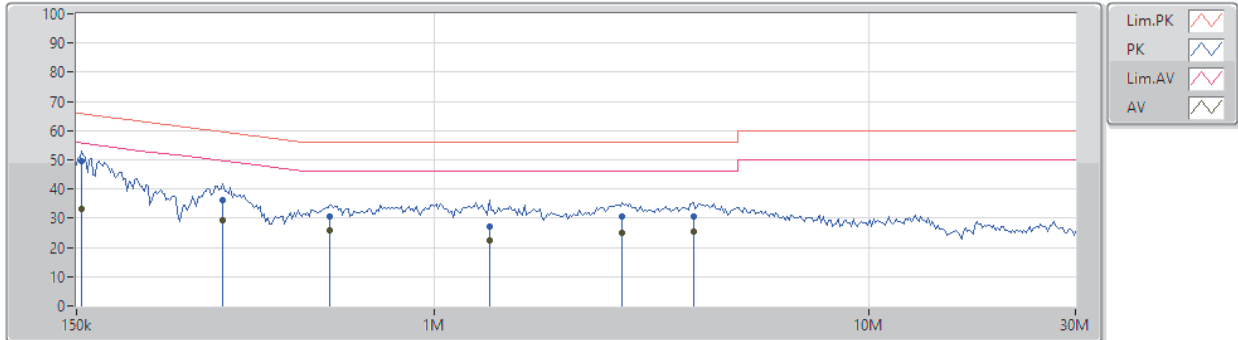


AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	PoE mode - ENS500-ACv2		

AC Conduction_Mode 1

24/06/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	154.545k	49.67	65.75	-16.08	19.52	Neutral	"Worst"	30.15	9.65	0.01	9.86
AV	154.545k	33.03	55.75	-22.72	19.52	Neutral	-	13.51	9.65	0.01	9.86
QP	325.956k	36.04	59.56	-23.52	19.51	Neutral	-	16.53	9.64	0.01	9.86
AV	325.956k	29.16	49.56	-20.40	19.51	Neutral	-	9.65	9.64	0.01	9.86
QP	574.747k	30.66	56.00	-25.34	19.51	Neutral	-	11.15	9.64	0.01	9.86
AV	574.747k	25.85	46.00	-20.15	19.51	Neutral	-	6.34	9.64	0.01	9.86
QP	1.339M	27.06	56.00	-28.94	19.52	Neutral	-	7.54	9.64	0.02	9.86
AV	1.339M	22.30	46.00	-23.70	19.52	Neutral	-	2.78	9.64	0.02	9.86
QP	2.714M	30.45	56.00	-25.55	19.56	Neutral	-	10.89	9.65	0.04	9.87
AV	2.714M	25.07	46.00	-20.93	19.56	Neutral	-	5.51	9.65	0.04	9.87
QP	3.961M	30.72	56.00	-25.28	19.59	Neutral	-	11.13	9.66	0.05	9.88
AV	3.961M	25.64	46.00	-20.36	19.59	Neutral	-	6.05	9.66	0.05	9.88

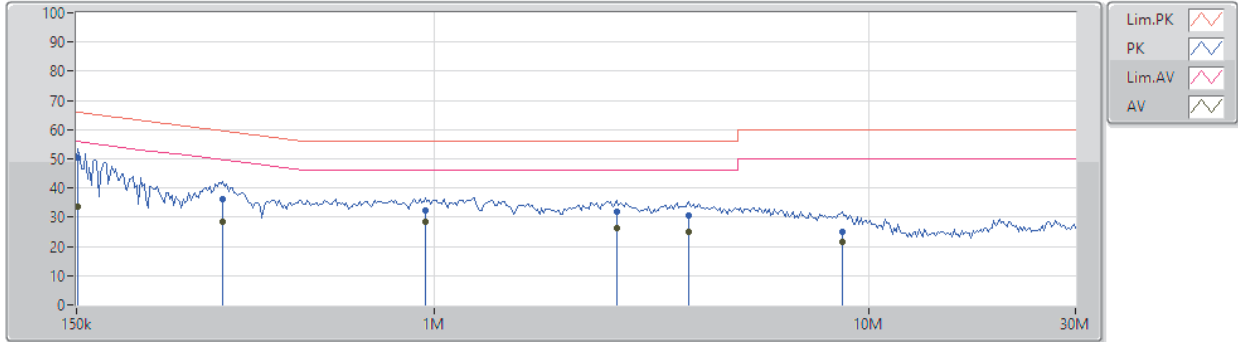


AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	PoE mode - ENS500-ACv2		

AC Conduction_Mode 1

24/06/2019



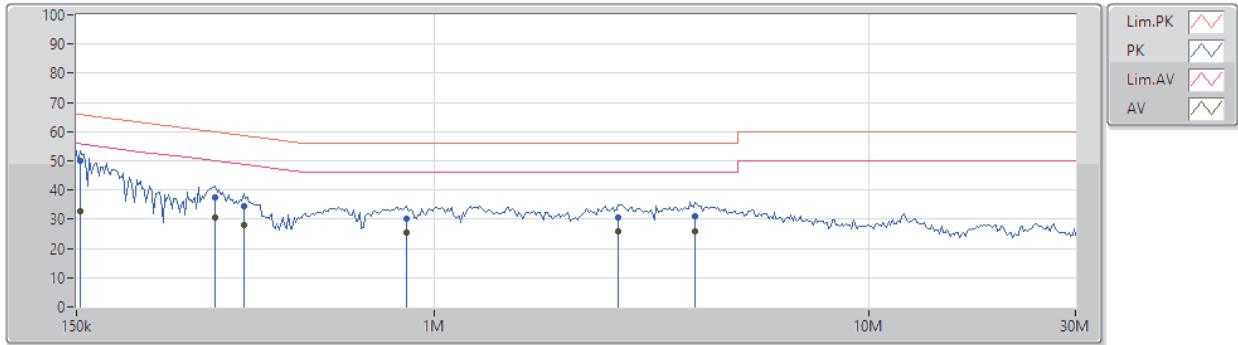
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	151.5k	50.45	65.92	-15.47	19.48	Line	"Worst"	30.97	9.61	0.01	9.86
AV	151.5k	33.43	55.92	-22.49	19.48	Line	-	13.95	9.61	0.01	9.86
QP	325.956k	36.08	59.56	-23.48	19.48	Line	-	16.60	9.61	0.01	9.86
AV	325.956k	28.62	49.56	-20.94	19.48	Line	-	9.14	9.61	0.01	9.86
QP	954.7k	32.50	56.00	-23.50	19.49	Line	-	13.01	9.61	0.02	9.86
AV	954.7k	28.25	46.00	-17.75	19.49	Line	-	8.76	9.61	0.02	9.86
QP	2.634M	31.74	56.00	-24.26	19.53	Line	-	12.21	9.62	0.04	9.87
AV	2.634M	26.16	46.00	-19.84	19.53	Line	-	6.63	9.62	0.04	9.87
QP	3.845M	30.52	56.00	-25.48	19.55	Line	-	10.97	9.63	0.04	9.88
AV	3.845M	25.13	46.00	-20.87	19.55	Line	-	5.58	9.63	0.04	9.88
QP	8.694M	25.12	60.00	-34.88	19.62	Line	-	5.50	9.66	0.07	9.89
AV	8.694M	21.46	50.00	-28.54	19.62	Line	-	1.84	9.66	0.07	9.89



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	PoE mode - ENS500EXT-ACv2		

24/06/2019



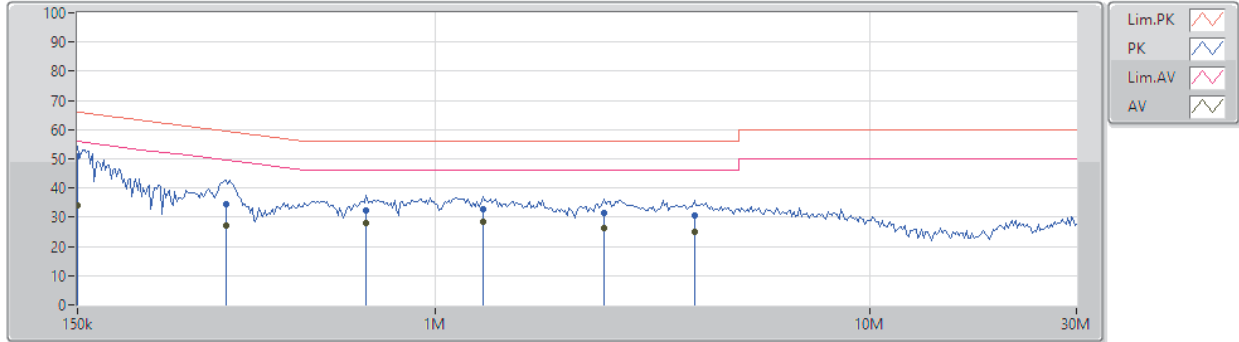
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	153.015k	49.96	65.83	-15.87	19.52	Neutral	"Worst"	30.44	9.65	0.01	9.86
AV	153.015k	32.83	55.83	-23.00	19.52	Neutral	-	13.31	9.65	0.01	9.86
QP	313.237k	37.64	59.88	-22.24	19.51	Neutral	-	18.13	9.64	0.01	9.86
AV	313.237k	30.71	49.88	-19.17	19.51	Neutral	-	11.20	9.64	0.01	9.86
QP	363.658k	34.27	58.64	-24.37	19.51	Neutral	-	14.76	9.64	0.01	9.86
AV	363.658k	28.18	48.64	-20.46	19.51	Neutral	-	8.67	9.64	0.01	9.86
QP	864.277k	30.23	56.00	-25.77	19.52	Neutral	-	10.71	9.64	0.02	9.86
AV	864.277k	25.40	46.00	-20.60	19.52	Neutral	-	5.88	9.64	0.02	9.86
QP	2.661M	30.75	56.00	-25.25	19.56	Neutral	-	11.19	9.65	0.04	9.87
AV	2.661M	25.87	46.00	-20.13	19.56	Neutral	-	6.31	9.65	0.04	9.87
QP	4.001M	31.09	56.00	-24.91	19.59	Neutral	-	11.50	9.66	0.05	9.88
AV	4.001M	25.92	46.00	-20.08	19.59	Neutral	-	6.33	9.66	0.05	9.88



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	PoE mode - ENS500EXT-ACv2		

24/06/2019



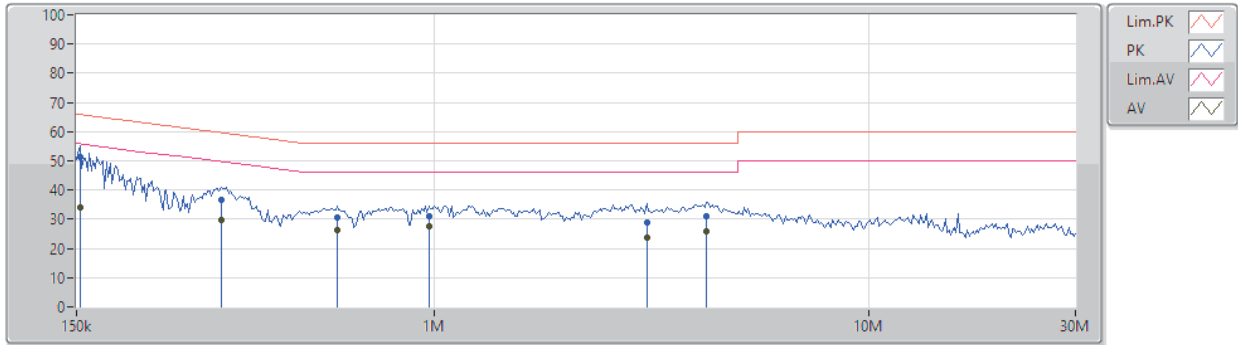
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150k	50.81	66.00	-15.19	19.48	Line	"Worst"	31.33	9.61	0.01	9.86
AV	150k	33.93	56.00	-22.07	19.48	Line	-	14.45	9.61	0.01	9.86
QP	329.215k	34.58	59.48	-24.90	19.48	Line	-	15.10	9.61	0.01	9.86
AV	329.215k	27.12	49.48	-22.36	19.48	Line	-	7.64	9.61	0.01	9.86
QP	694.357k	32.13	56.00	-23.87	19.48	Line	-	12.65	9.61	0.01	9.86
AV	694.357k	27.99	46.00	-18.01	19.48	Line	-	8.51	9.61	0.01	9.86
QP	1.287M	32.71	56.00	-23.29	19.49	Line	-	13.22	9.61	0.02	9.86
AV	1.287M	28.24	46.00	-17.76	19.49	Line	-	8.75	9.61	0.02	9.86
QP	2.457M	31.68	56.00	-24.32	19.53	Line	-	12.15	9.62	0.04	9.87
AV	2.457M	26.46	46.00	-19.54	19.53	Line	-	6.93	9.62	0.04	9.87
QP	3.961M	30.54	56.00	-25.46	19.56	Line	-	10.98	9.63	0.05	9.88
AV	3.961M	25.16	46.00	-20.84	19.56	Line	-	5.60	9.63	0.05	9.88



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	PoE mode - EnStation5-ACv2		

24/06/2019



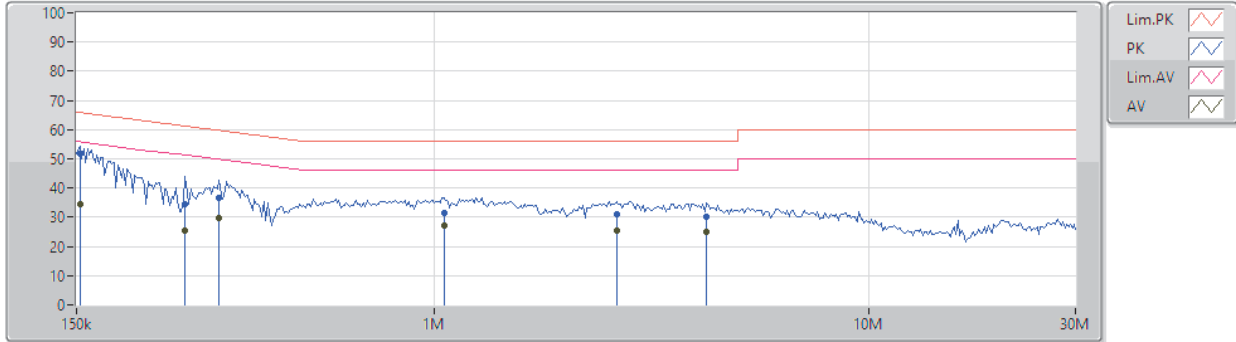
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	153.015k	51.34	65.83	-14.49	19.52	Neutral	"Worst"	31.82	9.65	0.01	9.86
AV	153.015k	33.95	55.83	-21.88	19.52	Neutral	-	14.43	9.65	0.01	9.86
QP	322.728k	36.44	59.63	-23.19	19.51	Neutral	-	16.93	9.64	0.01	9.86
AV	322.728k	29.76	49.63	-19.87	19.51	Neutral	-	10.25	9.64	0.01	9.86
QP	598.084k	30.71	56.00	-25.29	19.51	Neutral	-	11.20	9.64	0.01	9.86
AV	598.084k	26.15	46.00	-19.85	19.51	Neutral	-	6.64	9.64	0.01	9.86
QP	973.889k	31.02	56.00	-24.98	19.52	Neutral	-	11.50	9.64	0.02	9.86
AV	973.889k	27.62	46.00	-18.38	19.52	Neutral	-	8.10	9.64	0.02	9.86
QP	3.089M	28.95	56.00	-27.05	19.58	Neutral	-	9.37	9.66	0.04	9.88
AV	3.089M	23.78	46.00	-22.22	19.58	Neutral	-	4.20	9.66	0.04	9.88
QP	4.247M	31.08	56.00	-24.92	19.59	Neutral	-	11.49	9.66	0.05	9.88
AV	4.247M	26.05	46.00	-19.95	19.59	Neutral	-	6.46	9.66	0.05	9.88



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	PoE mode - EnStation5-ACv2		

24/06/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	153.015k	51.67	65.83	-14.16	19.48	Line	"Worst"	32.19	9.61	0.01	9.86
AV	153.015k	34.59	55.83	-21.24	19.48	Line	-	15.11	9.61	0.01	9.86
QP	267.135k	34.55	61.20	-26.65	19.48	Line	-	15.07	9.61	0.01	9.86
AV	267.135k	25.56	51.20	-25.64	19.48	Line	-	6.08	9.61	0.01	9.86
QP	319.533k	36.81	59.71	-22.90	19.48	Line	-	17.33	9.61	0.01	9.86
AV	319.533k	29.55	49.71	-20.16	19.48	Line	-	10.07	9.61	0.01	9.86
QP	1.055M	31.48	56.00	-24.52	19.49	Line	-	11.99	9.61	0.02	9.86
AV	1.055M	27.16	46.00	-18.84	19.49	Line	-	7.67	9.61	0.02	9.86
QP	2.634M	31.22	56.00	-24.78	19.53	Line	-	11.69	9.62	0.04	9.87
AV	2.634M	25.47	46.00	-20.53	19.53	Line	-	5.94	9.62	0.04	9.87
QP	4.247M	30.12	56.00	-25.88	19.56	Line	-	10.56	9.63	0.05	9.88
AV	4.247M	24.81	46.00	-21.19	19.56	Line	-	5.25	9.63	0.05	9.88



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	7.025M	11.694M	11M7G1D	6.05M	11.569M
802.11g_Nss1,(6Mbps)_1TX	15.1M	20.365M	20M4D1D	15M	16.192M
802.11n HT20_Nss1,(MCS0)_1TX	15.075M	20.615M	20M6D1D	13.825M	17.466M
802.11n HT40_Nss1,(MCS0)_1TX	32.5M	40.13M	40M1D1D	26.3M	35.882M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	6.05M	11.569M
2437MHz	Pass	500k	6.55M	11.694M
2462MHz	Pass	500k	7.025M	11.694M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15M	16.192M
2437MHz	Pass	500k	15.1M	19.14M
2462MHz	Pass	500k	15.05M	20.365M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	13.825M	17.466M
2437MHz	Pass	500k	15.05M	19.965M
2462MHz	Pass	500k	15.075M	20.615M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	32.5M	35.882M
2437MHz	Pass	500k	31.3M	35.932M
2452MHz	Pass	500k	26.3M	40.13M

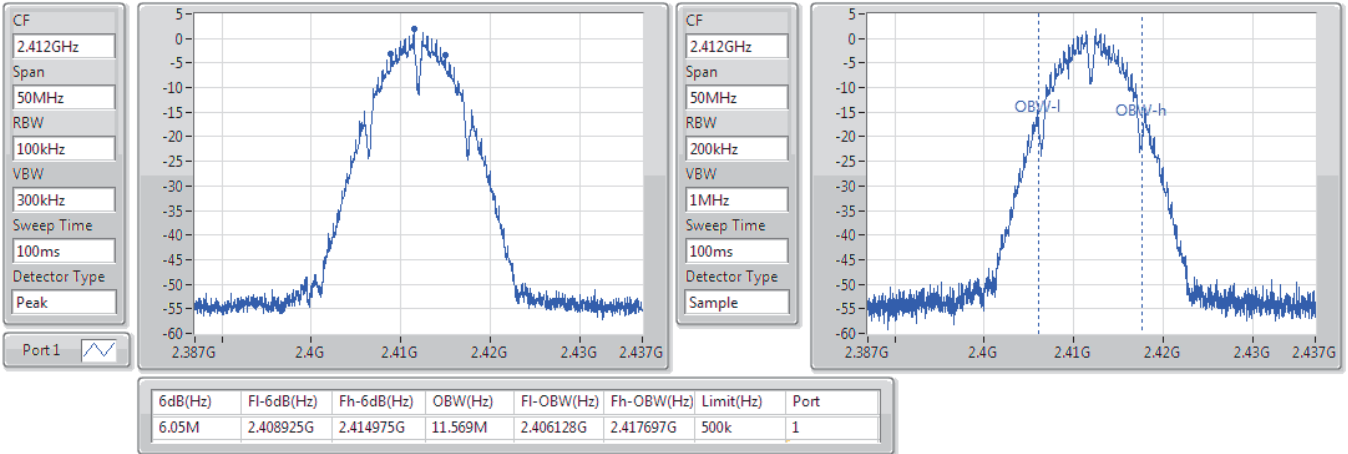
Port X-N dB = Port X 6dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

08/07/2019

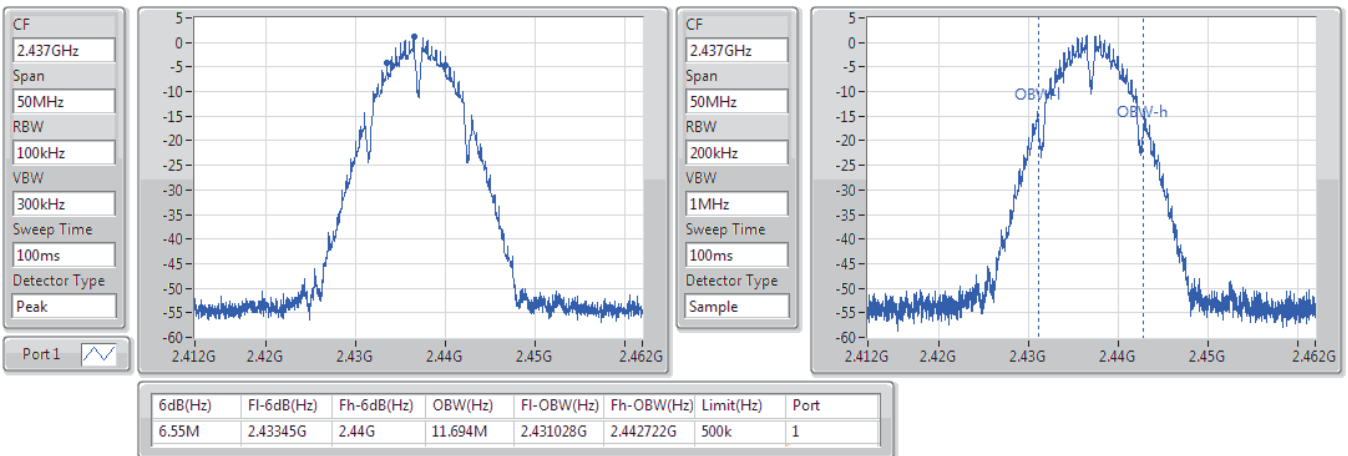


802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

08/07/2019



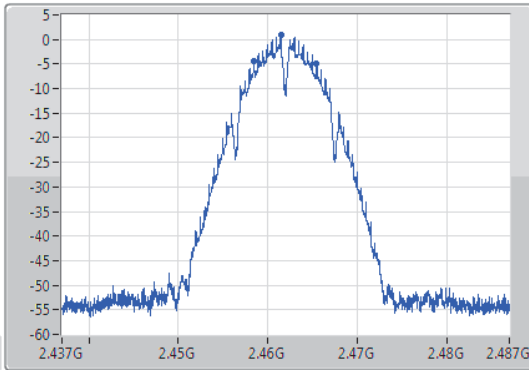
802.11b_Nss1,(1Mbps)_1TX

EBW

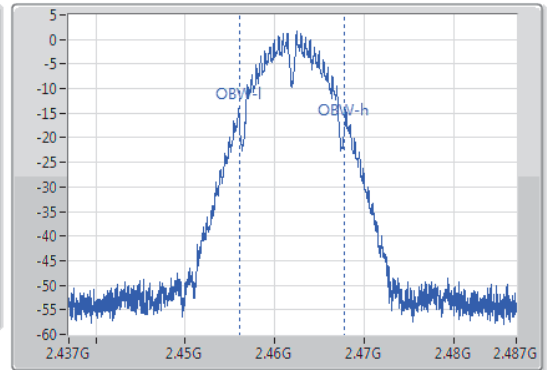
2462MHz

08/07/2019

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.45845G	2.465475G	11.694M	2.456028G	2.467722G	500k	1

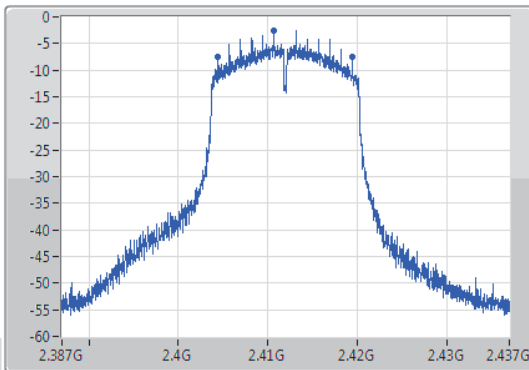
802.11g_Nss1,(6Mbps)_1TX

EBW

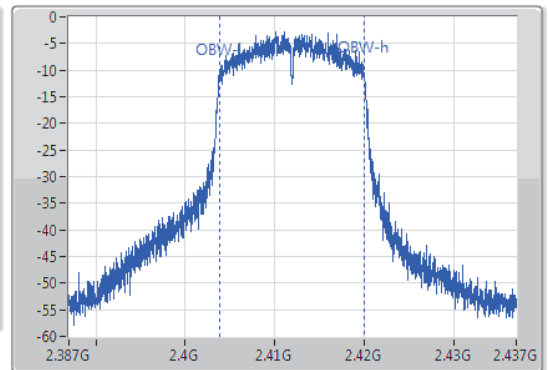
2412MHz

08/07/2019

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.412GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.404425G	2.419425G	16.192M	2.403829G	2.420021G	500k	1

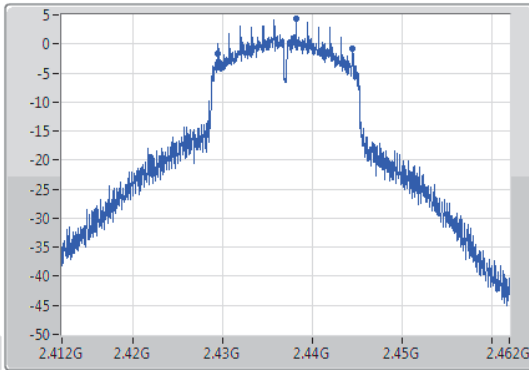
802.11g_Nss1,(6Mbps)_1TX

EBW

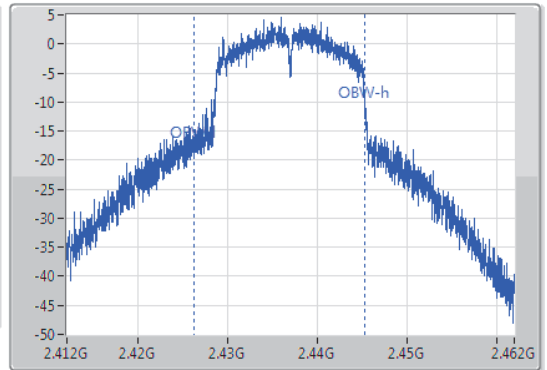
2437MHz

08/07/2019

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.437GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.4294G	2.4445G	19.14M	2.426205G	2.445346G	500k	1

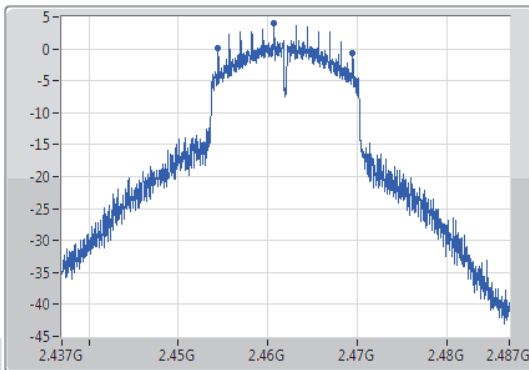
802.11g_Nss1,(6Mbps)_1TX

EBW

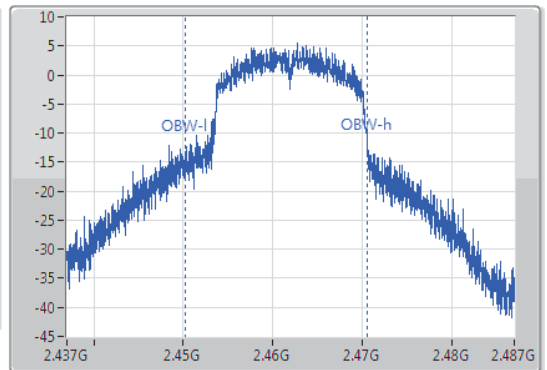
2462MHz

08/07/2019

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.462GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.45445G	2.4695G	20.365M	2.450256G	2.470621G	500k	1

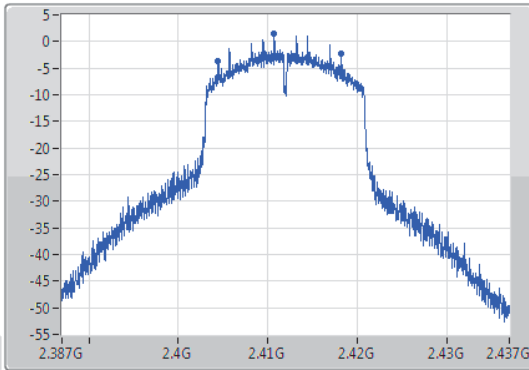
802.11n HT20_Nss1,(MCS0)_1TX

EBW

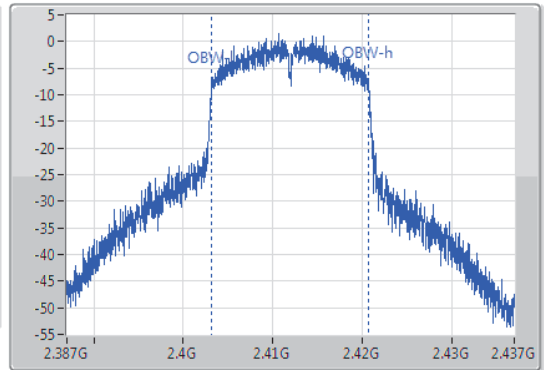
2412MHz

08/07/2019

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.412GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.825M	2.404425G	2.41825G	17.466M	2.403204G	2.420671G	500k	1

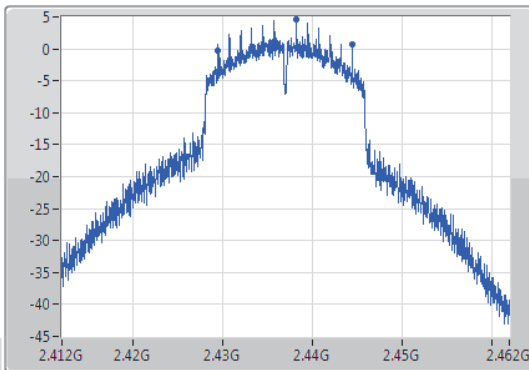
802.11n HT20_Nss1,(MCS0)_1TX

EBW

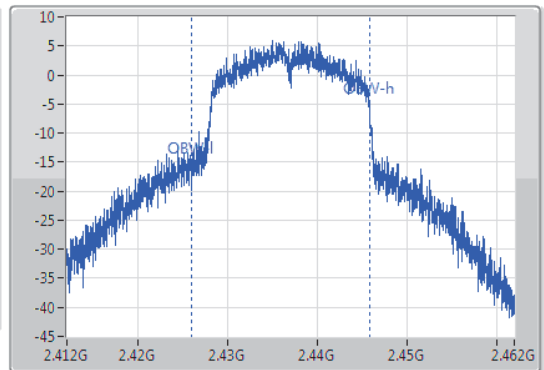
2437MHz

08/07/2019

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.437GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



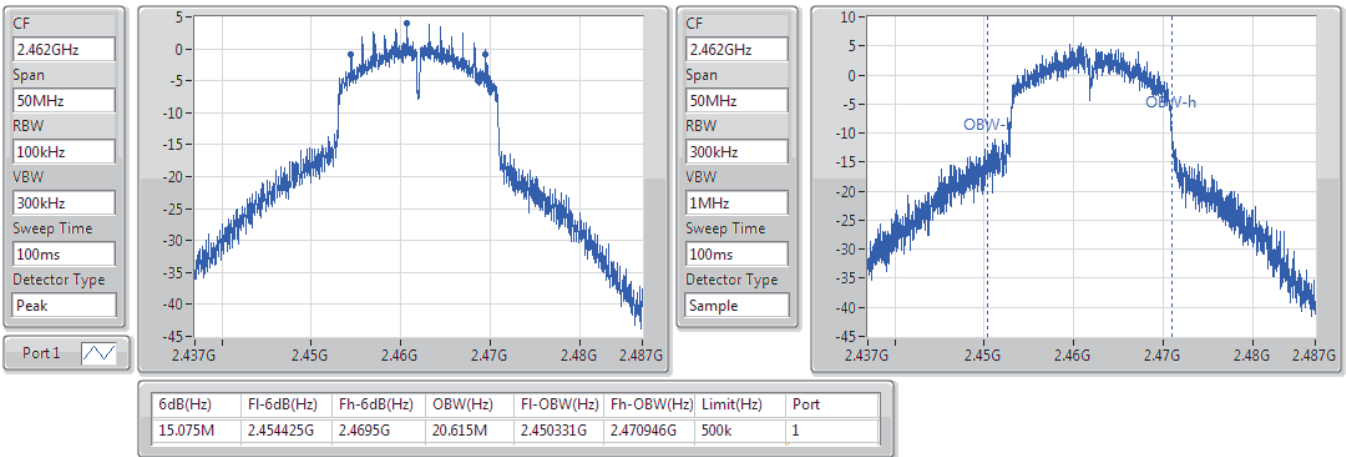
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.429425G	2.444475G	19.965M	2.425906G	2.445871G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2462MHz

08/07/2019

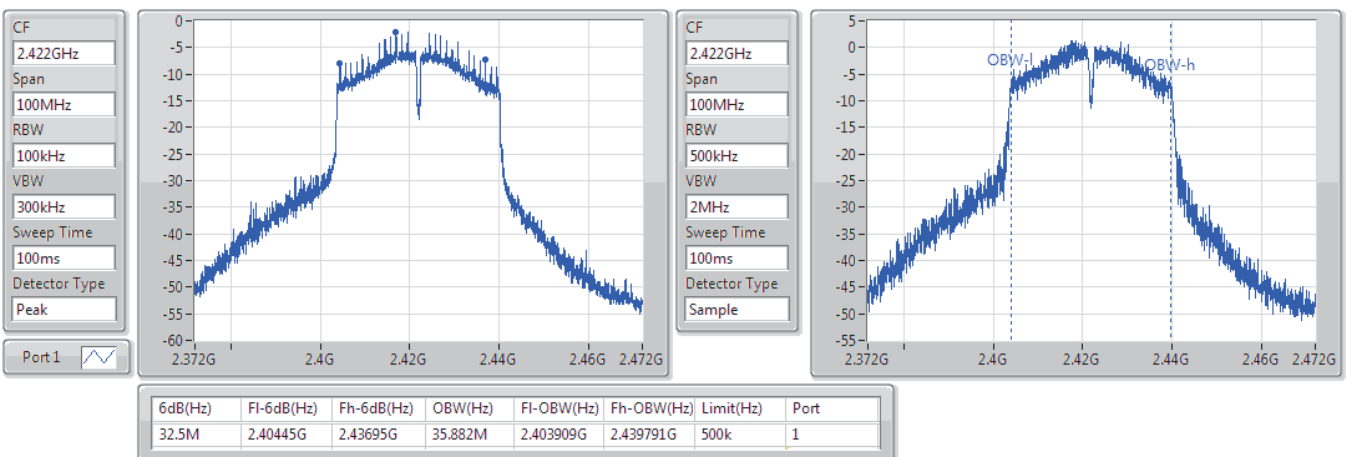


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2422MHz

08/07/2019

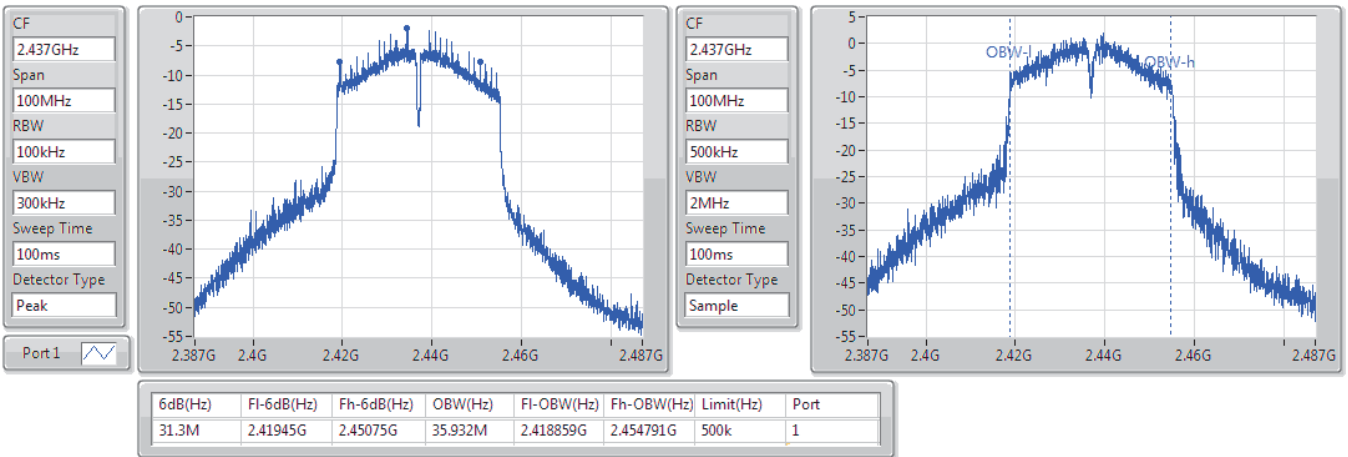


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2437MHz

08/07/2019

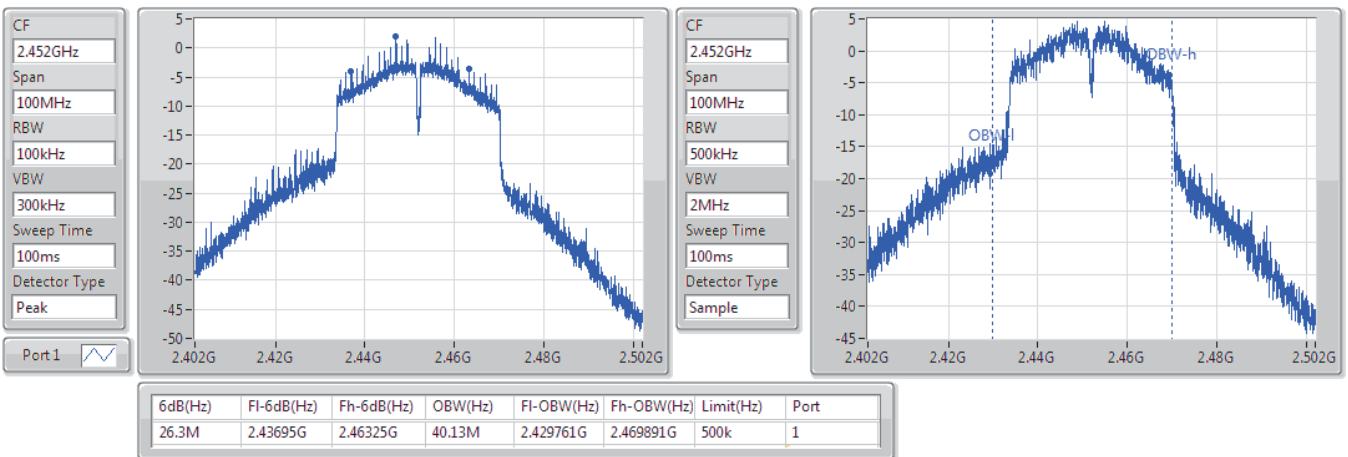


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2452MHz

08/07/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	7.05M	11.619M	11M6G1D	6.575M	11.494M
802.11g_Nss1,(6Mbps)_1TX	15.05M	19.69M	19M7D1D	15.025M	16.267M
802.11n HT20_Nss1,(MCS0)_1TX	15.05M	20.815M	20M8D1D	13.85M	17.441M
802.11n HT40_Nss1,(MCS0)_1TX	32.55M	36.282M	36M3D1D	27.6M	35.882M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	6.575M	11.494M
2437MHz	Pass	500k	7.05M	11.619M
2462MHz	Pass	500k	7.025M	11.569M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15.05M	16.267M
2437MHz	Pass	500k	15.05M	19.365M
2462MHz	Pass	500k	15.025M	19.69M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	13.85M	17.441M
2437MHz	Pass	500k	15.05M	19.765M
2462MHz	Pass	500k	15.025M	20.815M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	32.55M	35.882M
2437MHz	Pass	500k	28.85M	35.882M
2452MHz	Pass	500k	27.6M	36.282M

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

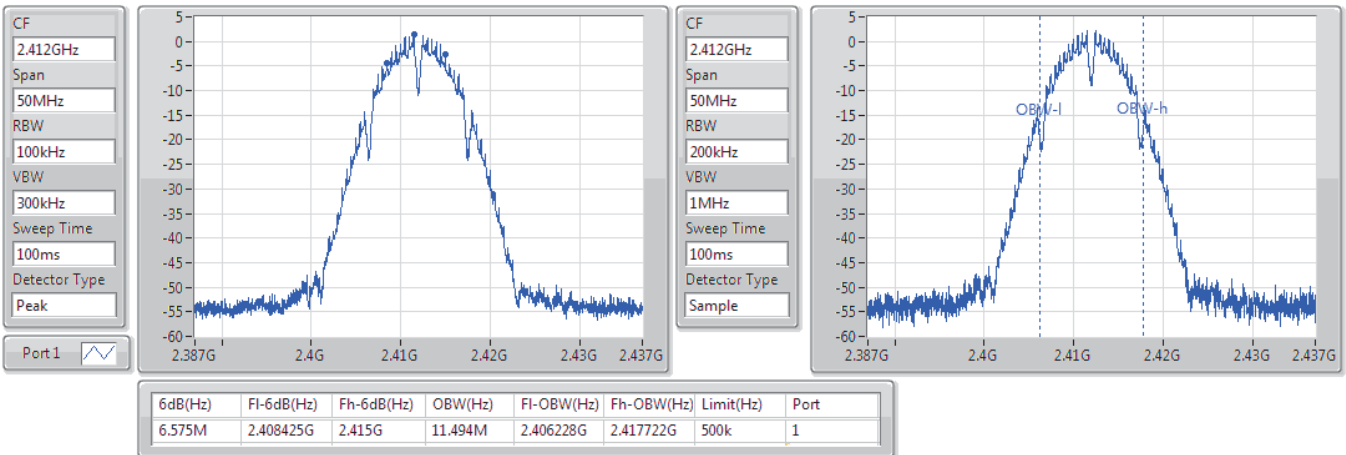


802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

08/07/2019

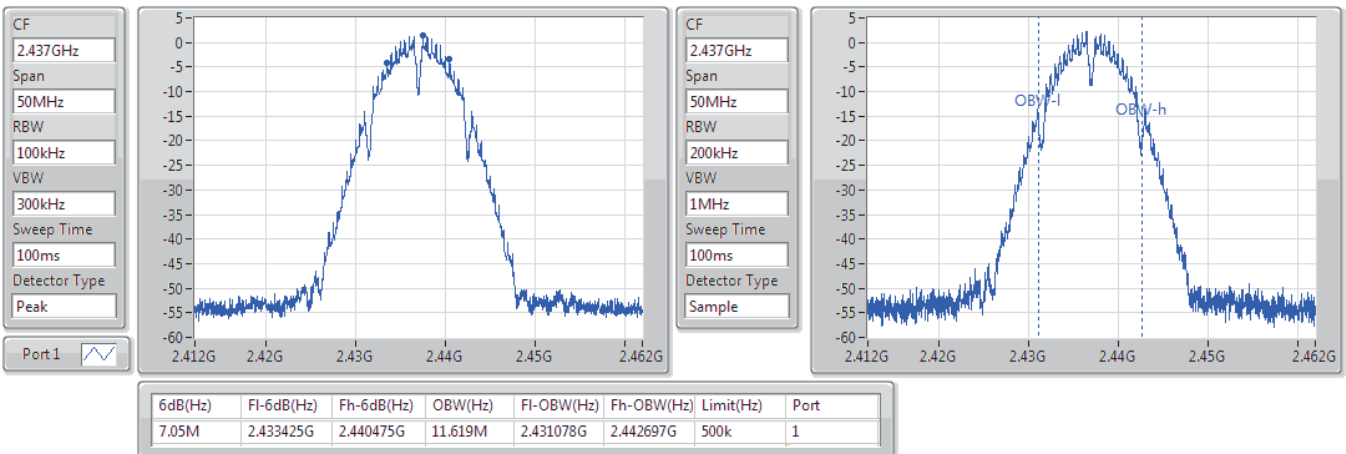


802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

08/07/2019



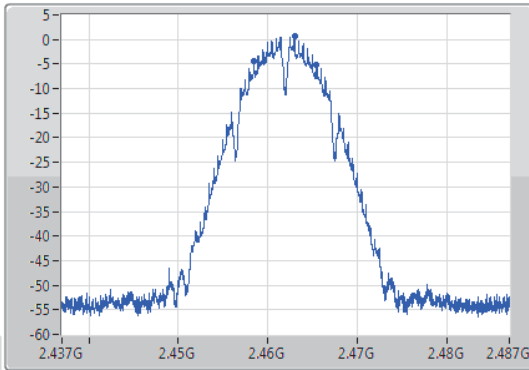
802.11b_Nss1,(1Mbps)_1TX

EBW

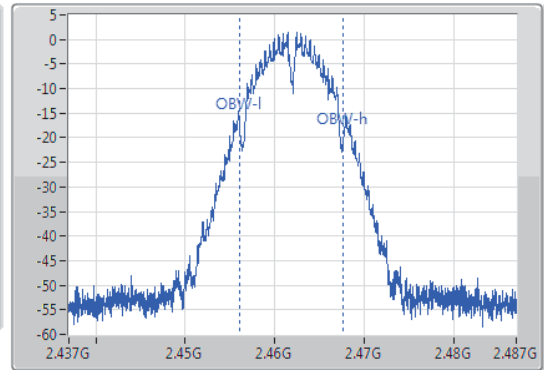
2462MHz

08/07/2019

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.458425G	2.46545G	11.569M	2.456078G	2.467647G	500k	1

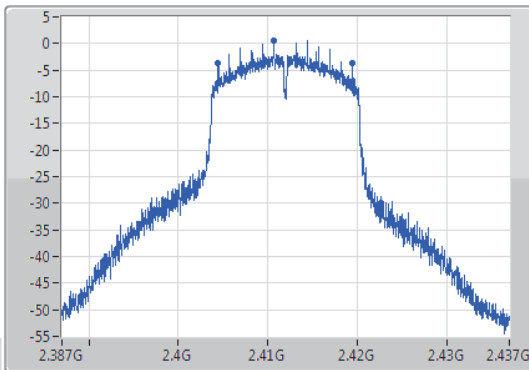
802.11g_Nss1,(6Mbps)_1TX

EBW

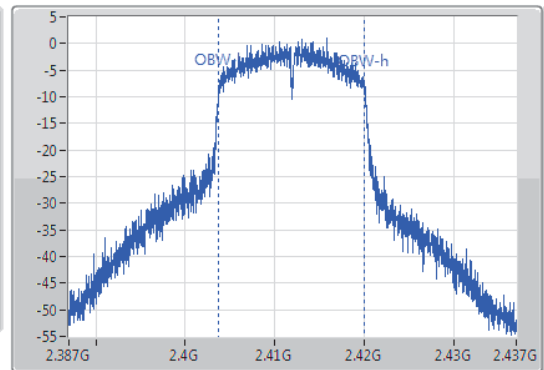
2412MHz

08/07/2019

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.412GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



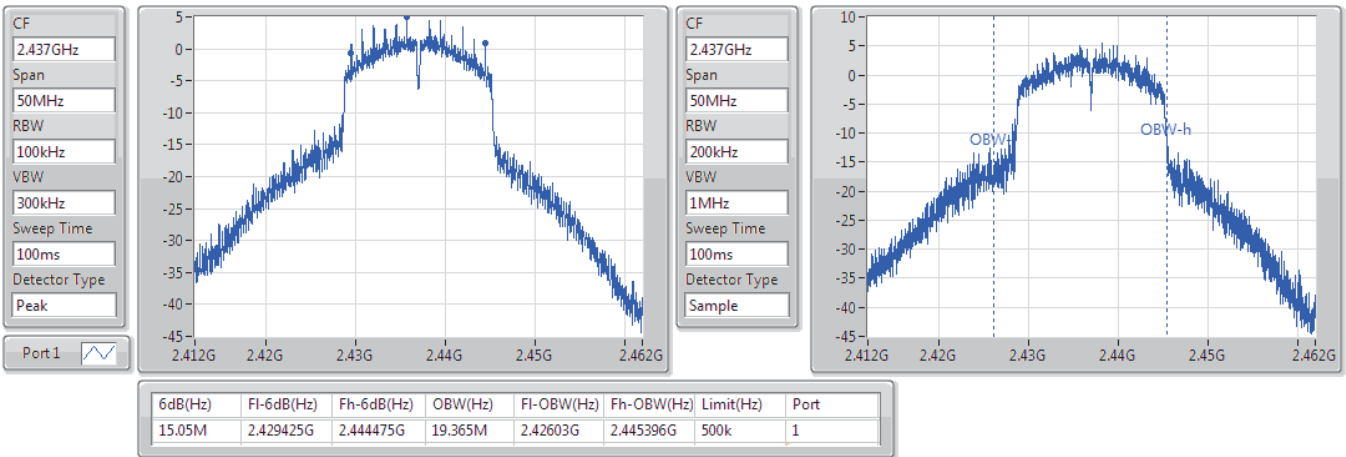
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.40445G	2.4195G	16.267M	2.403779G	2.420046G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

08/07/2019

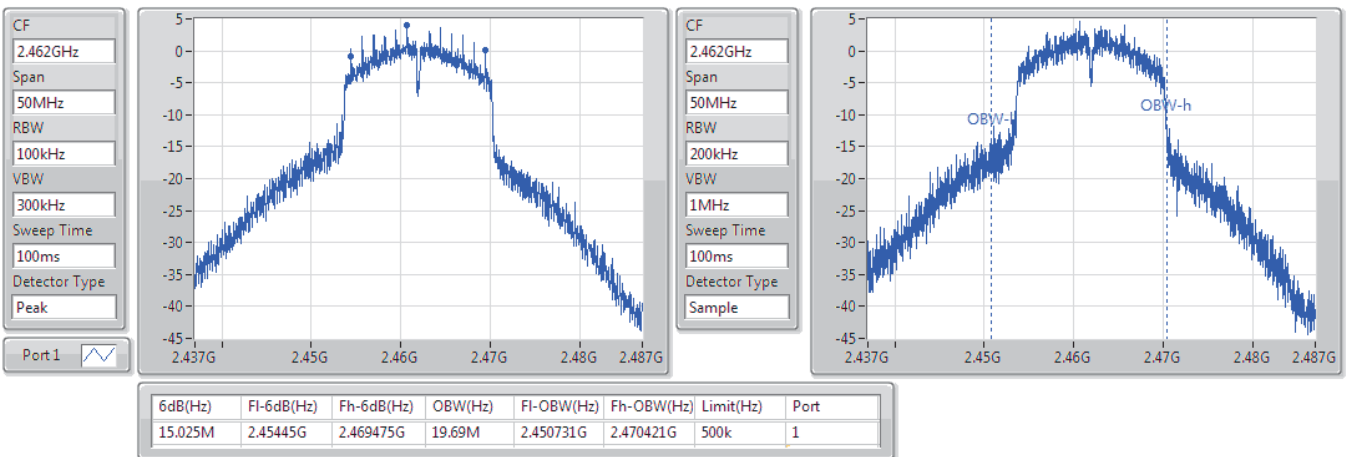


802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

08/07/2019

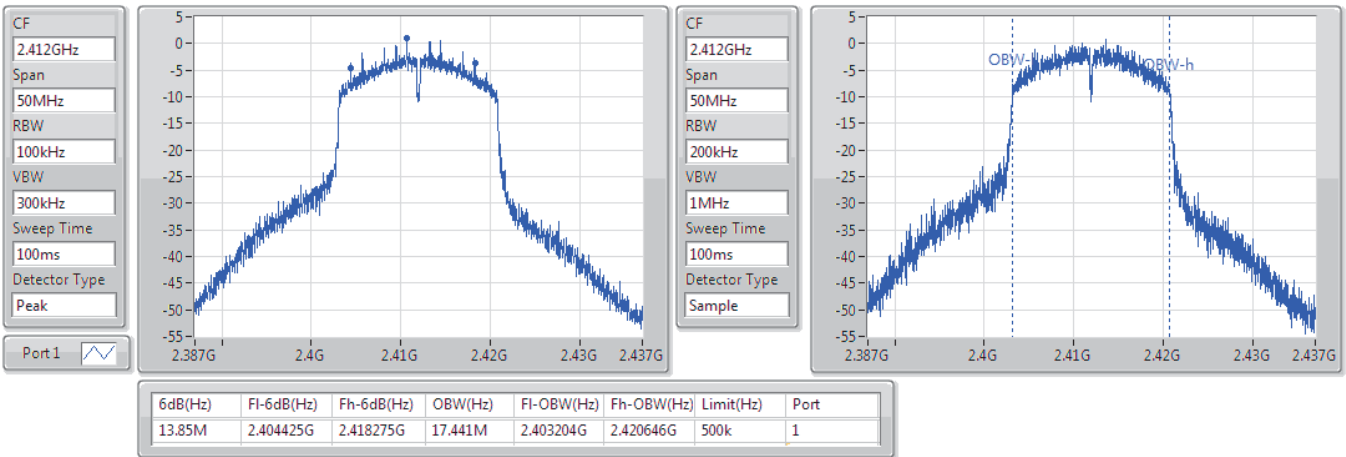


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

08/07/2019

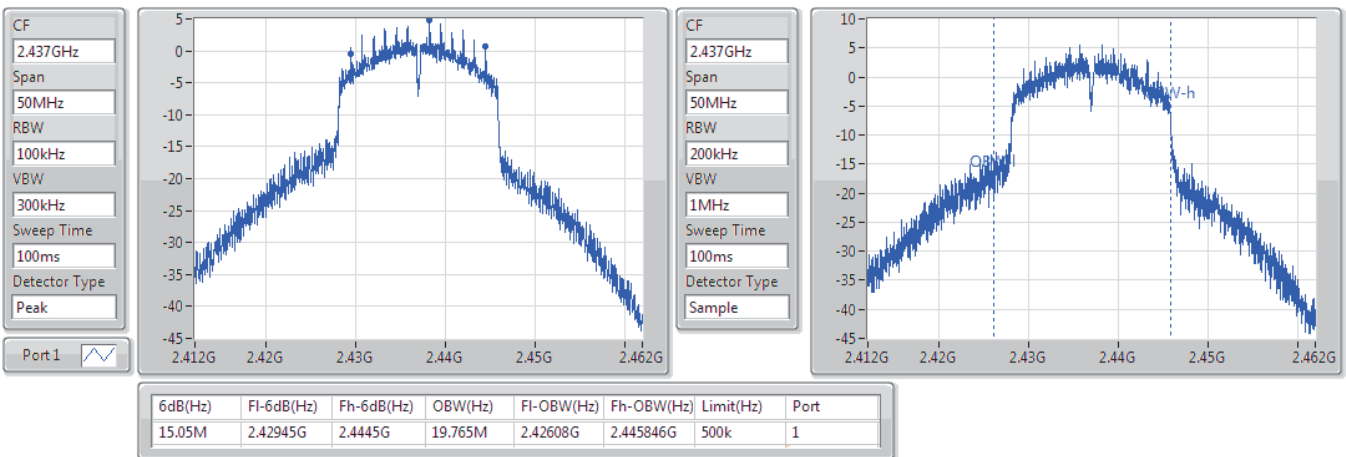


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

08/07/2019

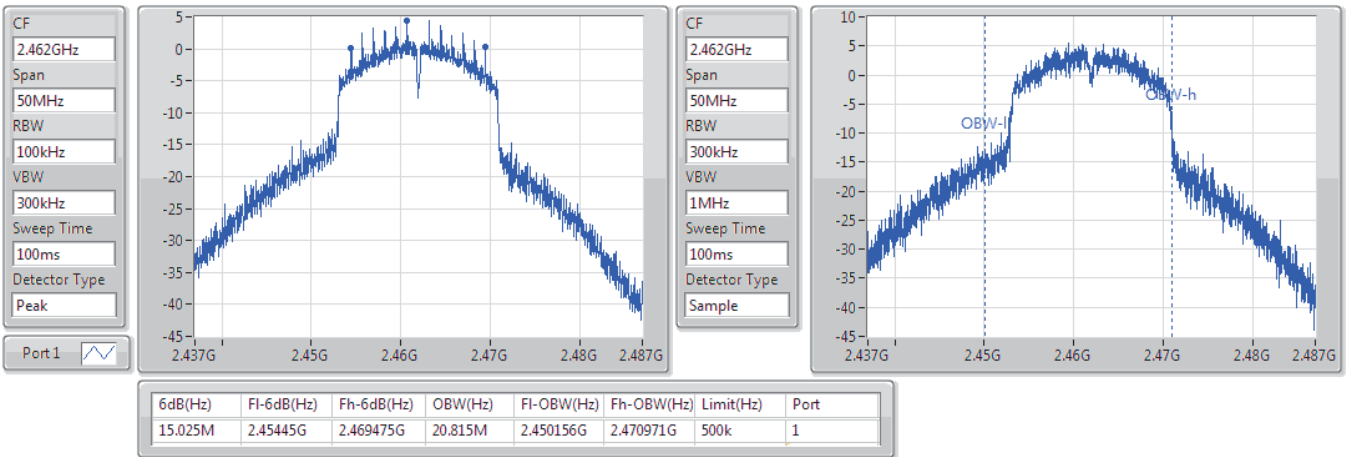


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2462MHz

08/07/2019

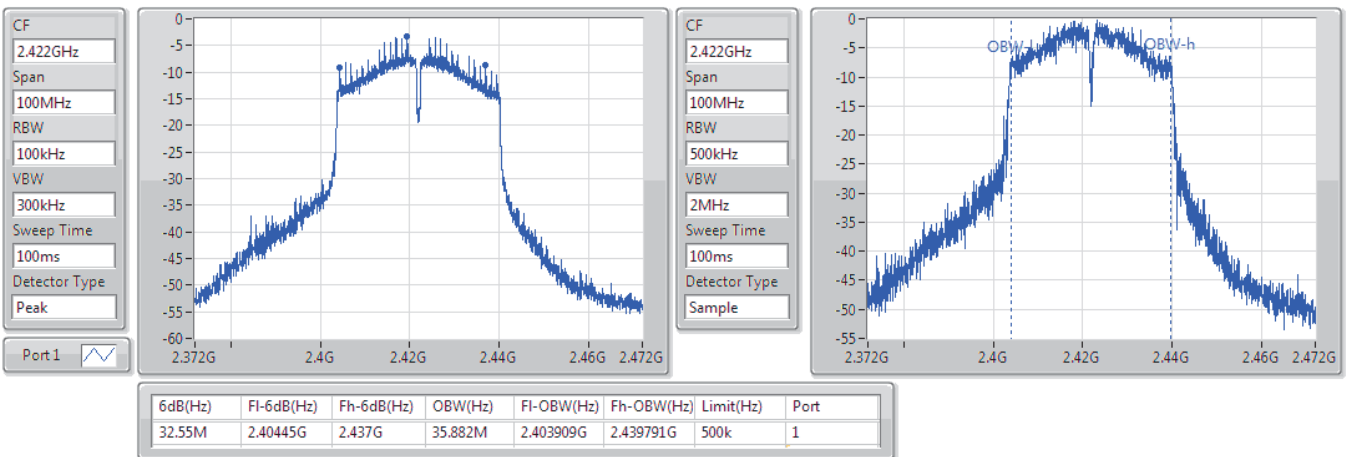


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2422MHz

08/07/2019

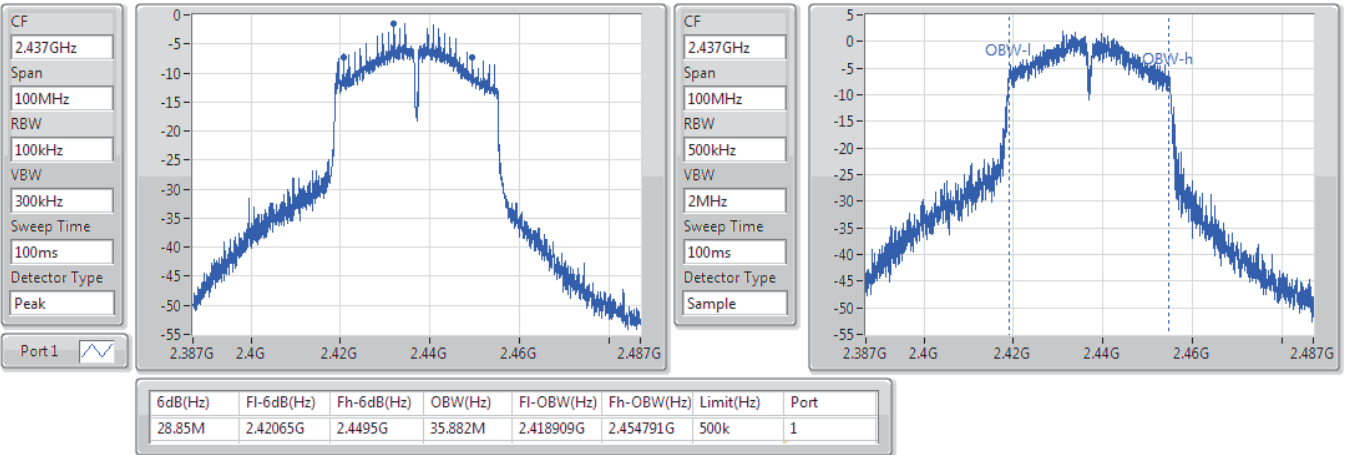


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2437MHz

08/07/2019

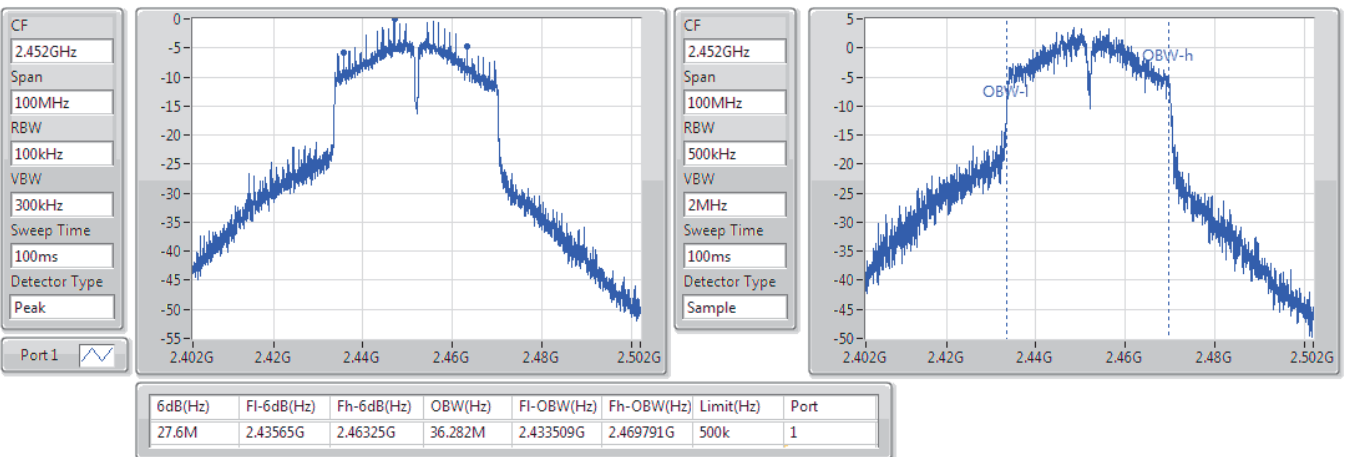


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2452MHz

08/07/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	7.05M	11.794M	11M8G1D	7.025M	11.669M
802.11g_Nss1,(6Mbps)_1TX	15.05M	19.915M	19M9D1D	13.85M	16.267M
802.11n HT20_Nss1,(MCS0)_1TX	15.075M	20.165M	20M2D1D	15.05M	17.441M
802.11n HT40_Nss1,(MCS0)_1TX	32.5M	36.082M	36M1D1D	31.2M	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)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7.025M	11.669M
2437MHz	Pass	500k	7.05M	11.744M
2462MHz	Pass	500k	7.05M	11.794M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	14.975M	16.267M
2437MHz	Pass	500k	13.85M	19.59M
2462MHz	Pass	500k	15.05M	19.915M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	15.075M	17.441M
2437MHz	Pass	500k	15.075M	20.165M
2462MHz	Pass	500k	15.05M	19.79M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	31.2M	35.782M
2437MHz	Pass	500k	32.5M	35.882M
2452MHz	Pass	500k	31.3M	36.082M

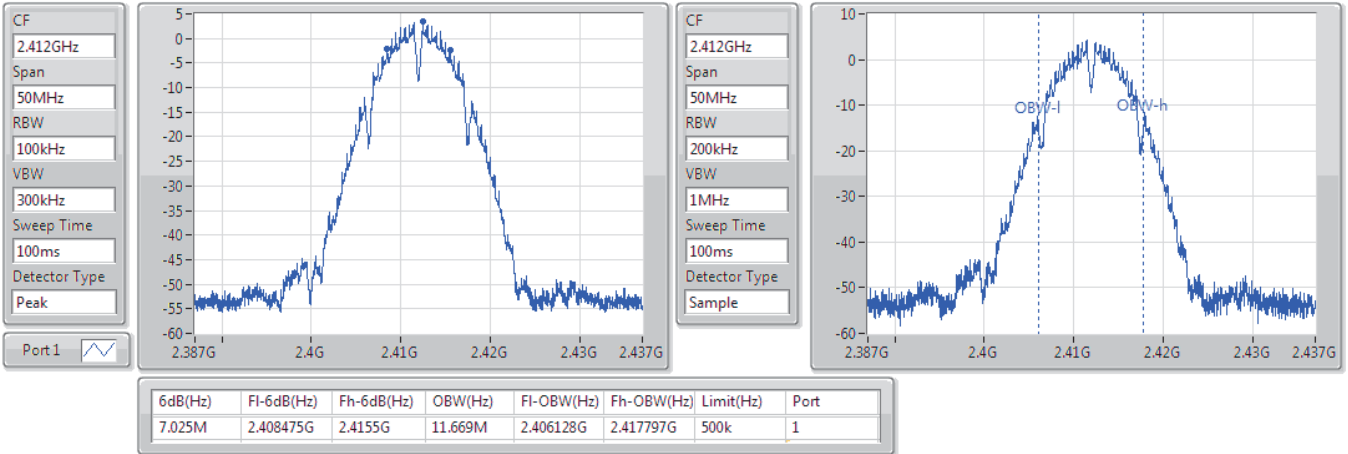
Port X-N dB = Port X 6dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

08/07/2019

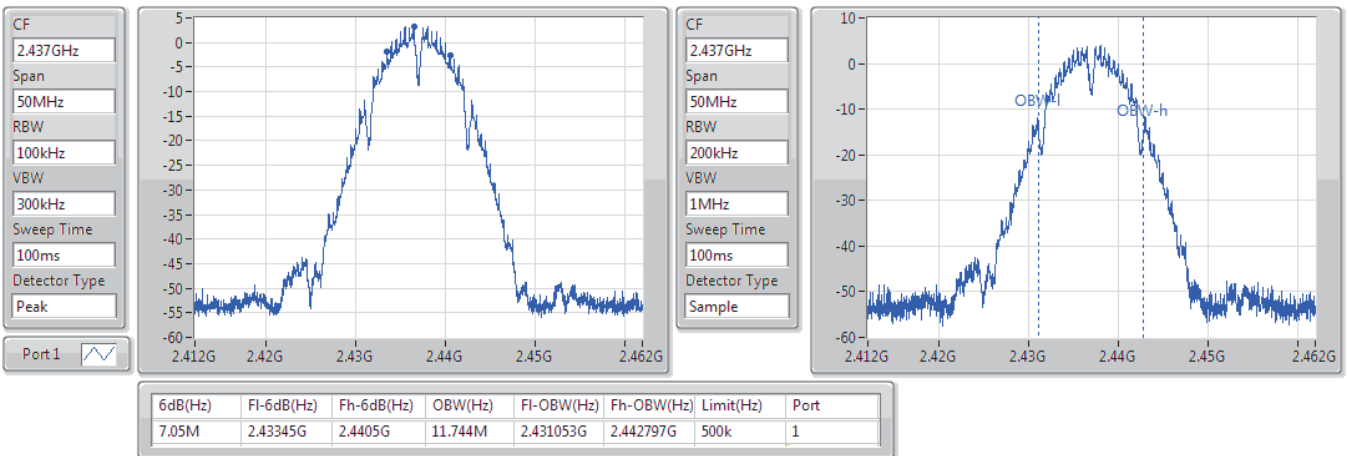


802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

08/07/2019

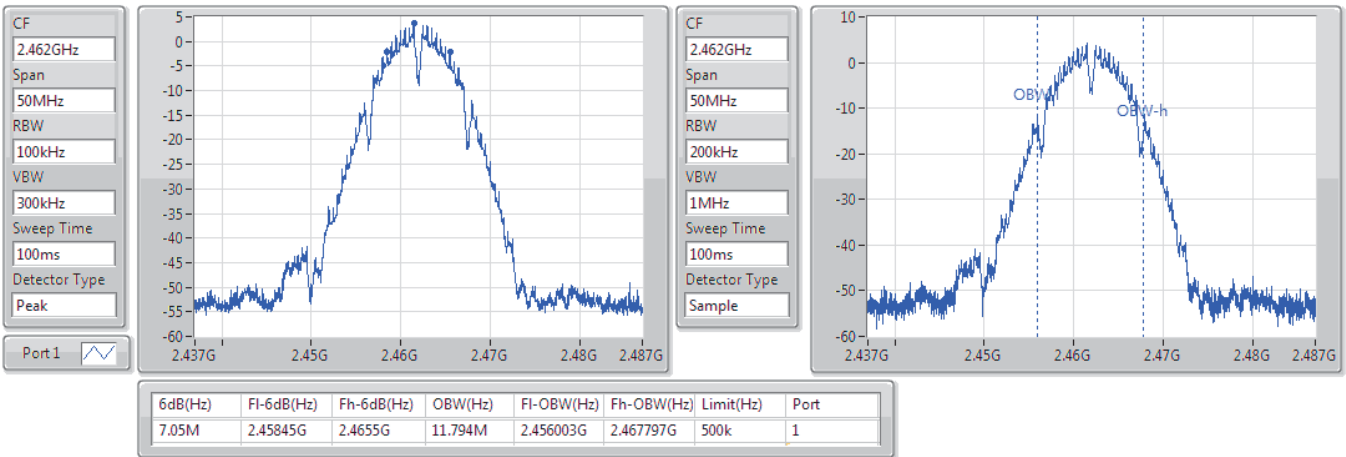


802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

08/07/2019

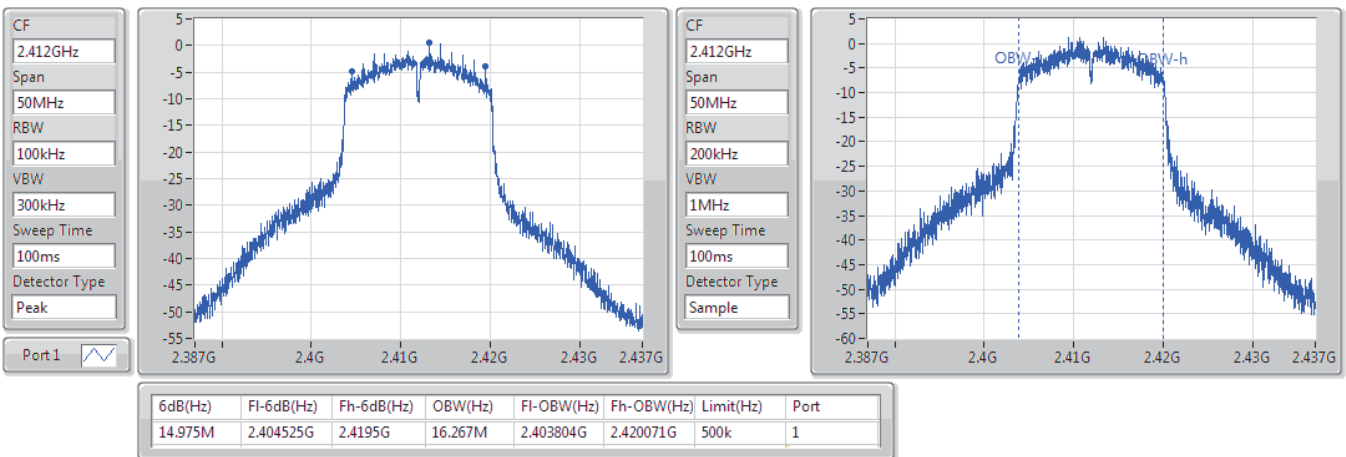


802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

08/07/2019



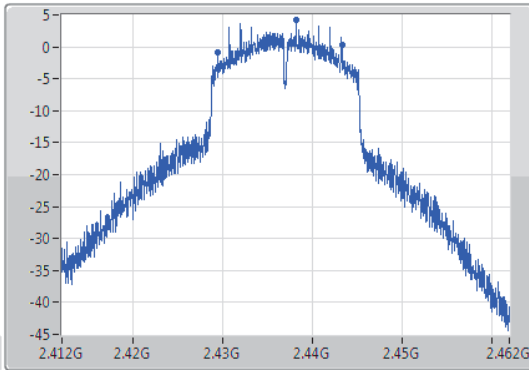
802.11g_Nss1,(6Mbps)_1TX

EBW

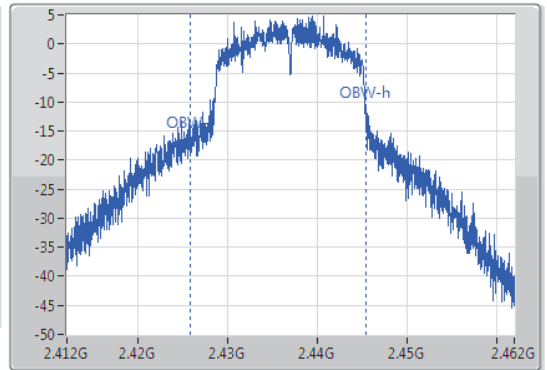
2437MHz

08/07/2019

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.437GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.85M	2.429425G	2.443275G	19.59M	2.425831G	2.445421G	500k	1

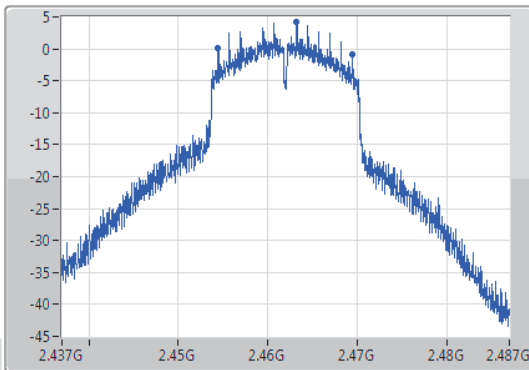
802.11g_Nss1,(6Mbps)_1TX

EBW

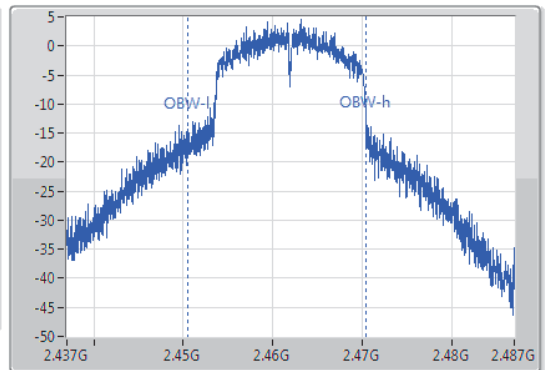
2462MHz

08/07/2019

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



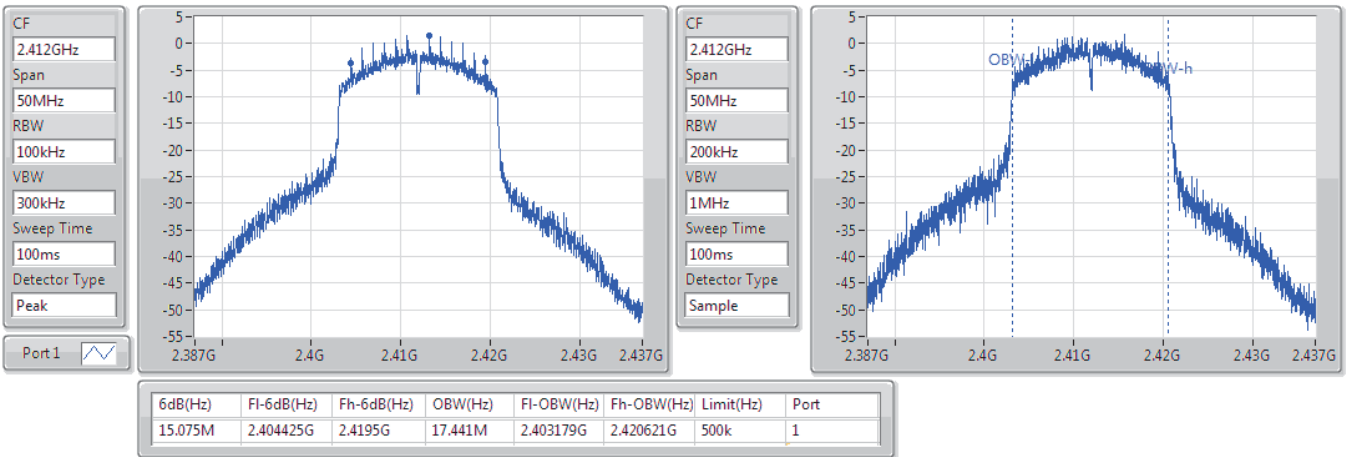
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.45445G	2.4695G	19.915M	2.450556G	2.470471G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

08/07/2019

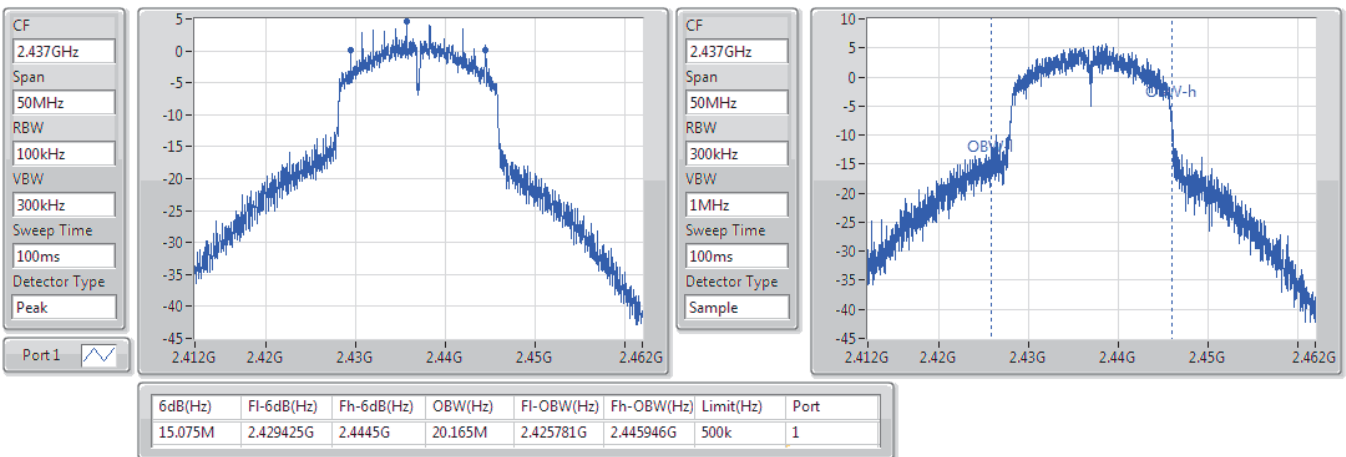


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

08/07/2019



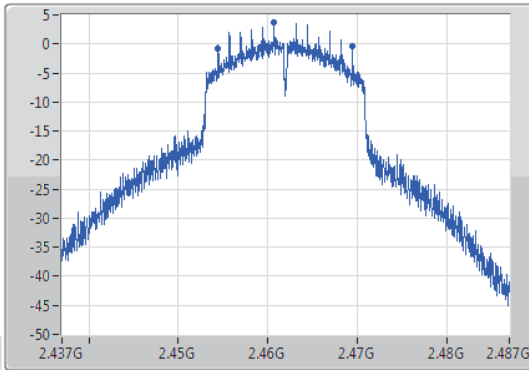
802.11n HT20_Nss1,(MCS0)_1TX

EBW

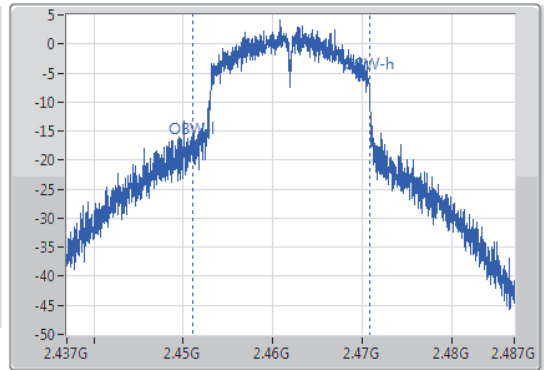
2462MHz

08/07/2019

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.454425G	2.469475G	19.79M	2.451005G	2.470796G	500k	1

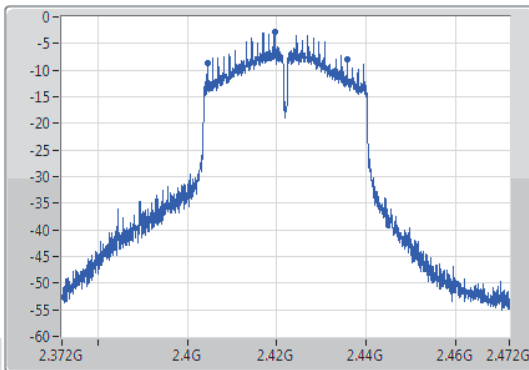
802.11n HT40_Nss1,(MCS0)_1TX

EBW

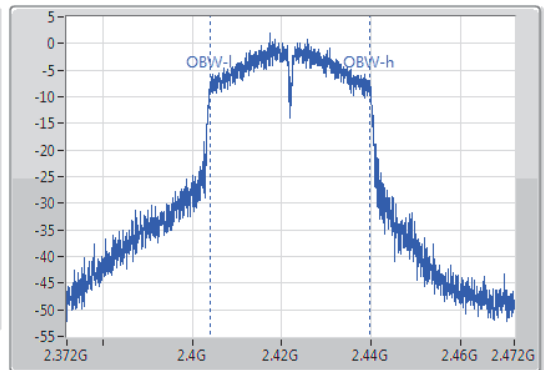
2422MHz

08/07/2019

CF
2.422GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.422GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



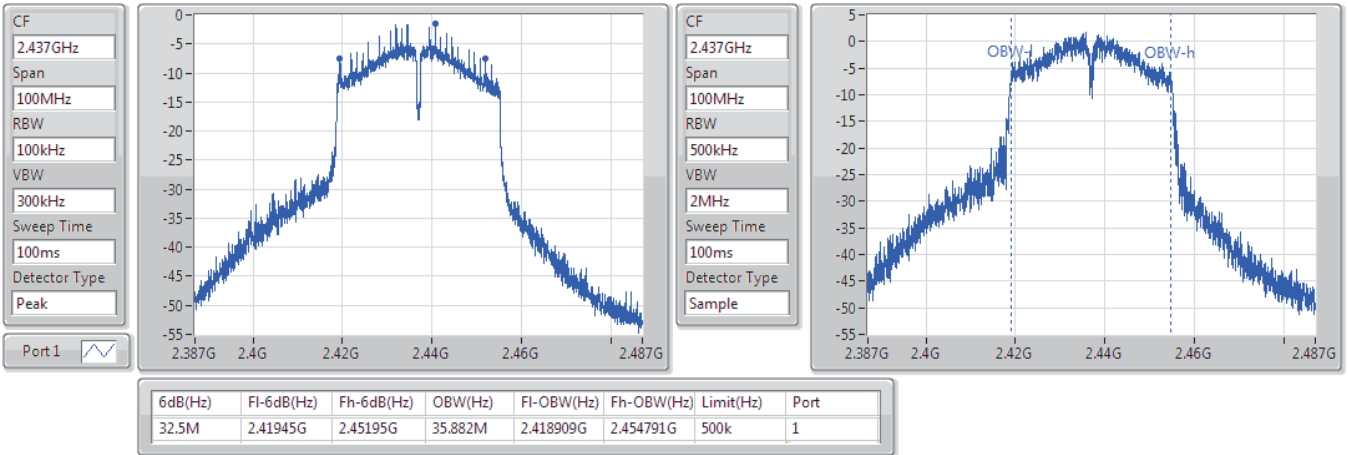
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.2M	2.4045G	2.4357G	35.782M	2.403959G	2.439741G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

2437MHz

08/07/2019

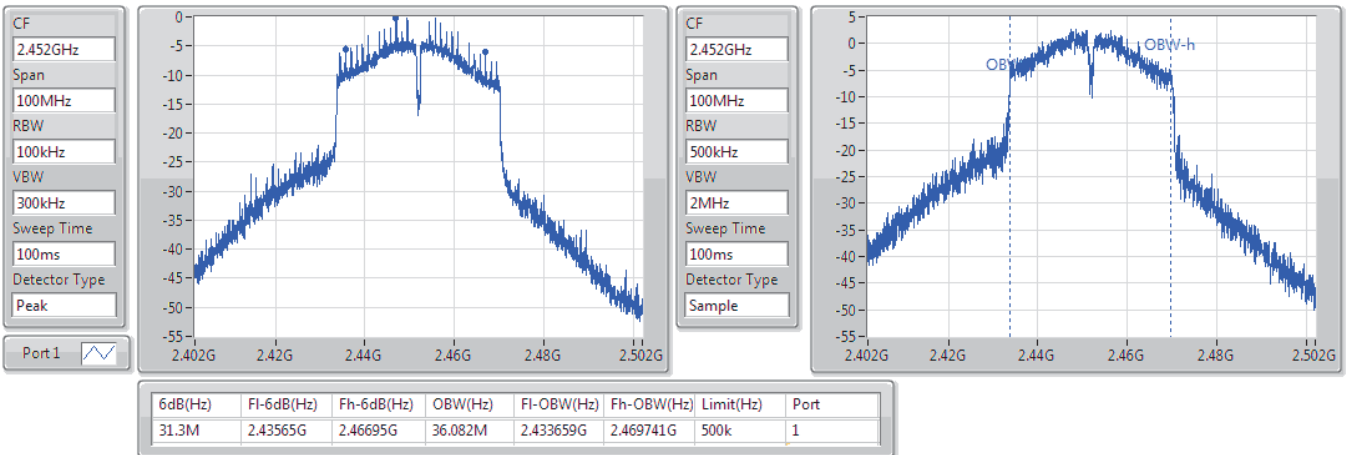


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2452MHz

08/07/2019





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	9.20	0.00832
802.11g_Nss1,(6Mbps)_1TX	14.85	0.03055
802.11n HT20_Nss1,(MCS0)_1TX	15.01	0.03170
802.11n HT40_Nss1,(MCS0)_1TX	14.80	0.03020



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	9.10	9.10	30.00
2437MHz	Pass	3.22	9.20	9.20	30.00
2462MHz	Pass	3.22	9.12	9.12	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	8.17	8.17	30.00
2417MHz	Pass	3.22	14.85	14.85	30.00
2437MHz	Pass	3.22	14.76	14.76	30.00
2462MHz	Pass	3.22	14.53	14.53	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	11.70	11.70	30.00
2417MHz	Pass	3.22	15.01	15.01	30.00
2437MHz	Pass	3.22	14.85	14.85	30.00
2462MHz	Pass	3.22	14.25	14.25	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.22	10.62	10.62	30.00
2427MHz	Pass	3.22	12.28	12.28	30.00
2437MHz	Pass	3.22	10.70	10.70	30.00
2447MHz	Pass	3.22	14.80	14.80	30.00
2452MHz	Pass	3.22	13.84	13.84	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	9.55	0.00902
802.11g_Nss1,(6Mbps)_1TX	15.16	0.03281
802.11n HT20_Nss1,(MCS0)_1TX	15.04	0.03192
802.11n HT40_Nss1,(MCS0)_1TX	14.22	0.02642



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	9.53	9.53	30.00
2437MHz	Pass	3.22	9.55	9.55	30.00
2462MHz	Pass	3.22	8.90	8.90	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	11.11	11.11	30.00
2417MHz	Pass	3.22	15.16	15.16	30.00
2437MHz	Pass	3.22	15.06	15.06	30.00
2462MHz	Pass	3.22	14.44	14.44	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	11.09	11.09	30.00
2417MHz	Pass	3.22	15.04	15.04	30.00
2437MHz	Pass	3.22	14.84	14.84	30.00
2462MHz	Pass	3.22	14.56	14.56	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.22	9.35	9.35	30.00
2427MHz	Pass	3.22	11.60	11.60	30.00
2437MHz	Pass	3.22	10.82	10.82	30.00
2447MHz	Pass	3.22	14.22	14.22	30.00
2452MHz	Pass	3.22	12.38	12.38	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	11.62	0.01452
802.11g_Nss1,(6Mbps)_1TX	15.15	0.03273
802.11n HT20_Nss1,(MCS0)_1TX	14.91	0.03097
802.11n HT40_Nss1,(MCS0)_1TX	13.03	0.02009



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	11.58	11.58	30.00
2437MHz	Pass	3.22	11.62	11.62	30.00
2462MHz	Pass	3.22	11.42	11.42	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	11.14	11.14	30.00
2417MHz	Pass	3.22	15.15	15.15	30.00
2437MHz	Pass	3.22	15.04	15.04	30.00
2457MHz	Pass	3.22	14.68	14.68	30.00
2462MHz	Pass	3.22	14.47	14.47	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	11.80	11.80	30.00
2417MHz	Pass	3.22	14.91	14.91	30.00
2437MHz	Pass	3.22	14.86	14.86	30.00
2457MHz	Pass	3.22	14.51	14.51	30.00
2462MHz	Pass	3.22	13.85	13.85	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.22	9.80	9.80	30.00
2427MHz	Pass	3.22	11.07	11.07	30.00
2437MHz	Pass	3.22	10.80	10.80	30.00
2447MHz	Pass	3.22	13.03	13.03	30.00
2452MHz	Pass	3.22	12.06	12.06	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-6.43
802.11g_Nss1,(6Mbps)_1TX	-4.51
802.11n HT20_Nss1,(MCS0)_1TX	-4.59
802.11n HT40_Nss1,(MCS0)_1TX	-7.81

RBW=3 kHz.

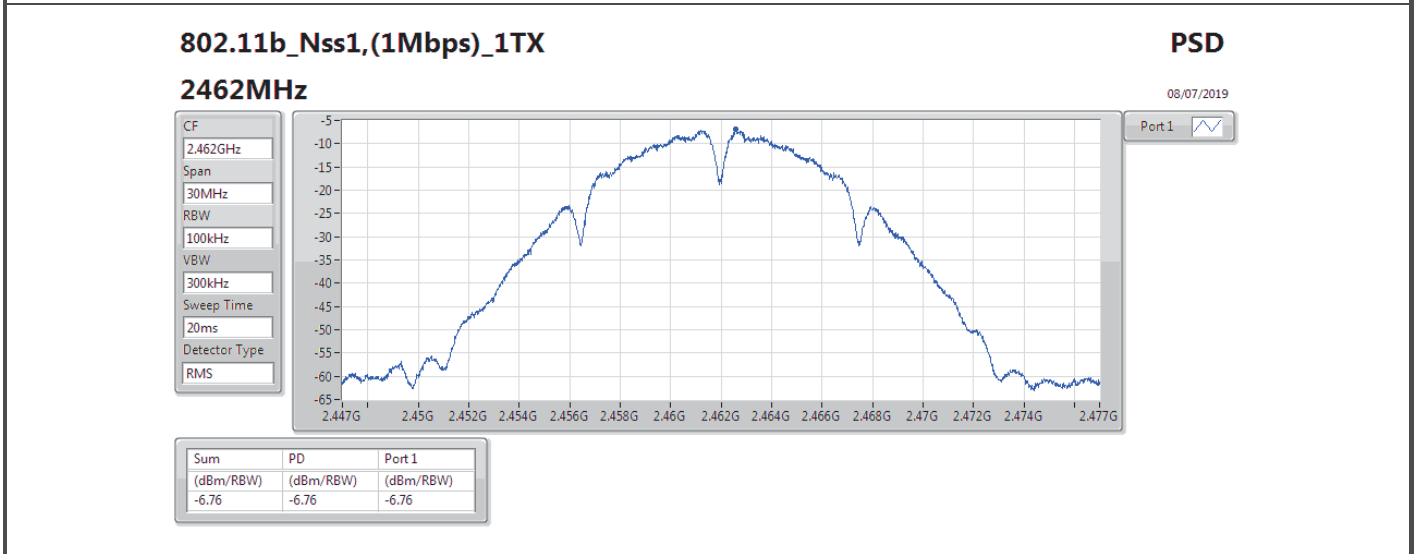
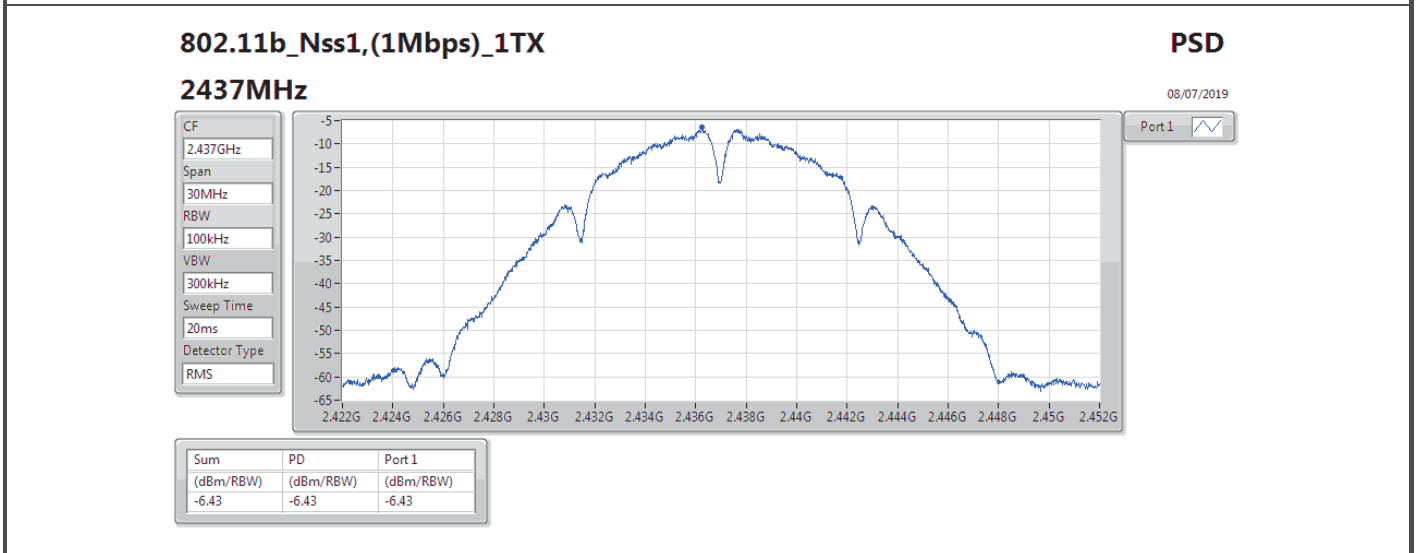
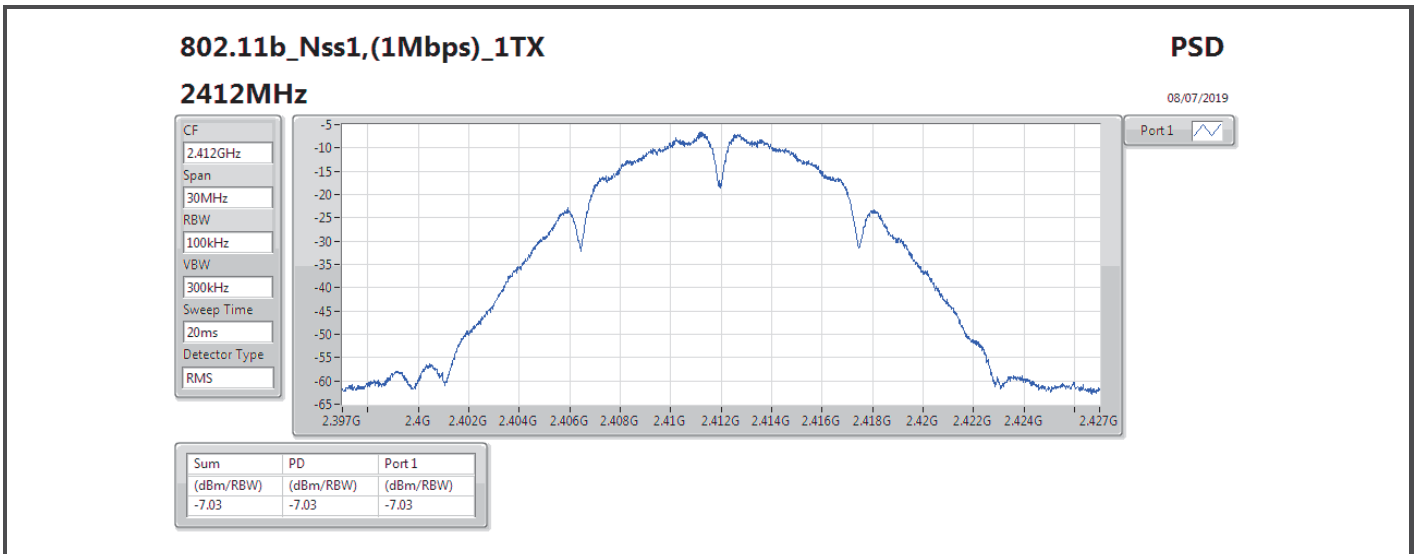


Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-7.03	-7.03	8.00
2437MHz	Pass	3.22	-6.43	-6.43	8.00
2462MHz	Pass	3.22	-6.76	-6.76	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-11.18	-11.18	8.00
2437MHz	Pass	3.22	-4.51	-4.51	8.00
2462MHz	Pass	3.22	-4.91	-4.91	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-7.47	-7.47	8.00
2437MHz	Pass	3.22	-4.59	-4.59	8.00
2462MHz	Pass	3.22	-5.22	-5.22	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.22	-10.95	-10.95	8.00
2437MHz	Pass	3.22	-11.03	-11.03	8.00
2452MHz	Pass	3.22	-7.81	-7.81	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





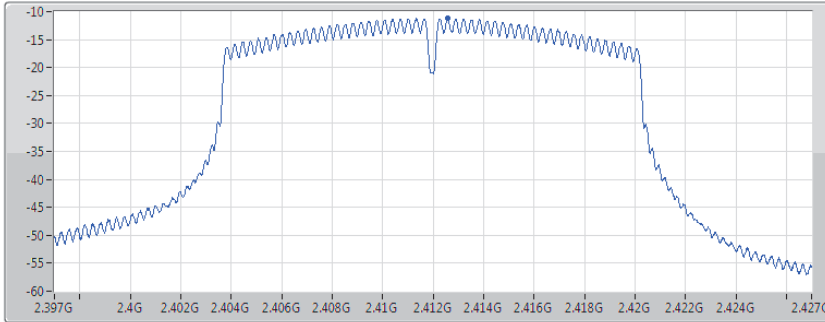
802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

08/07/2019

CF
2.412GHz
Span
30MHz
RBW
100kHz
VBW
300kHz
Sweep Time
30s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.18	-11.18	-11.18

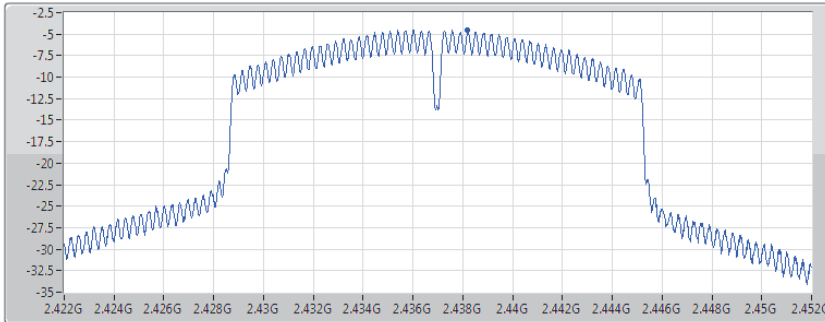
802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

08/07/2019

CF
2.437GHz
Span
30MHz
RBW
100kHz
VBW
300kHz
Sweep Time
30s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.51	-4.51	-4.51

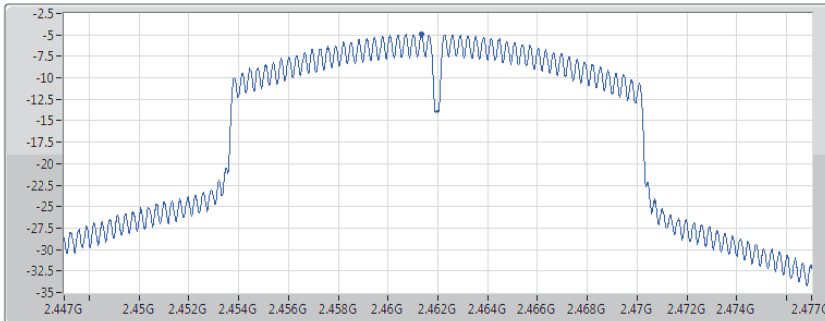
802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

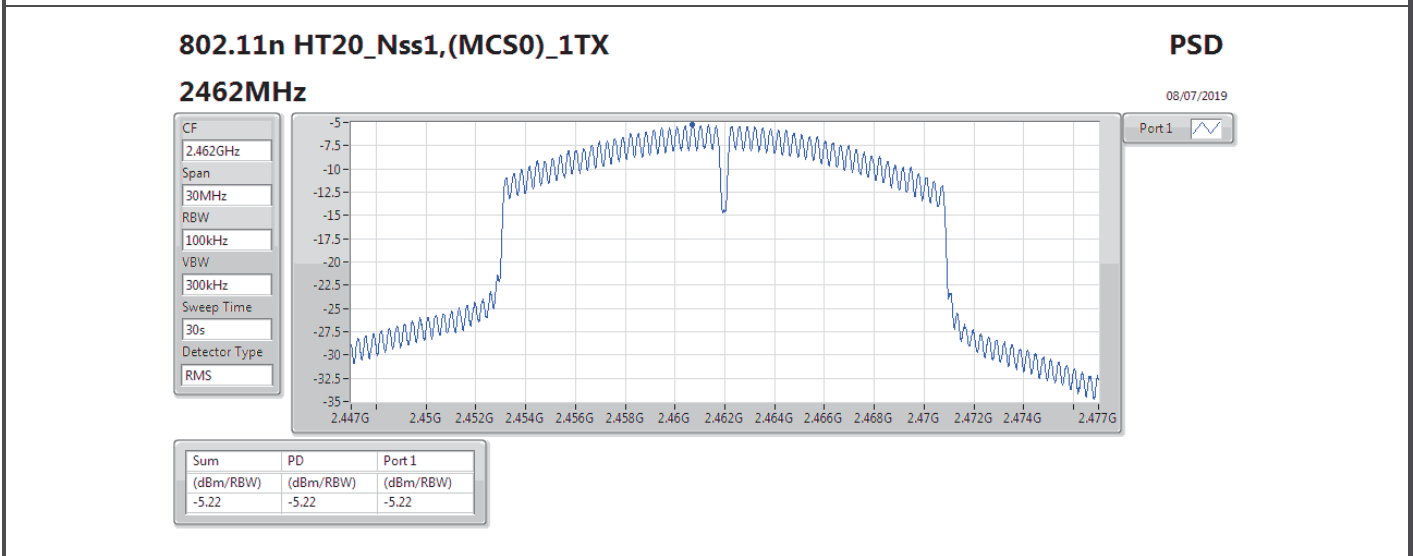
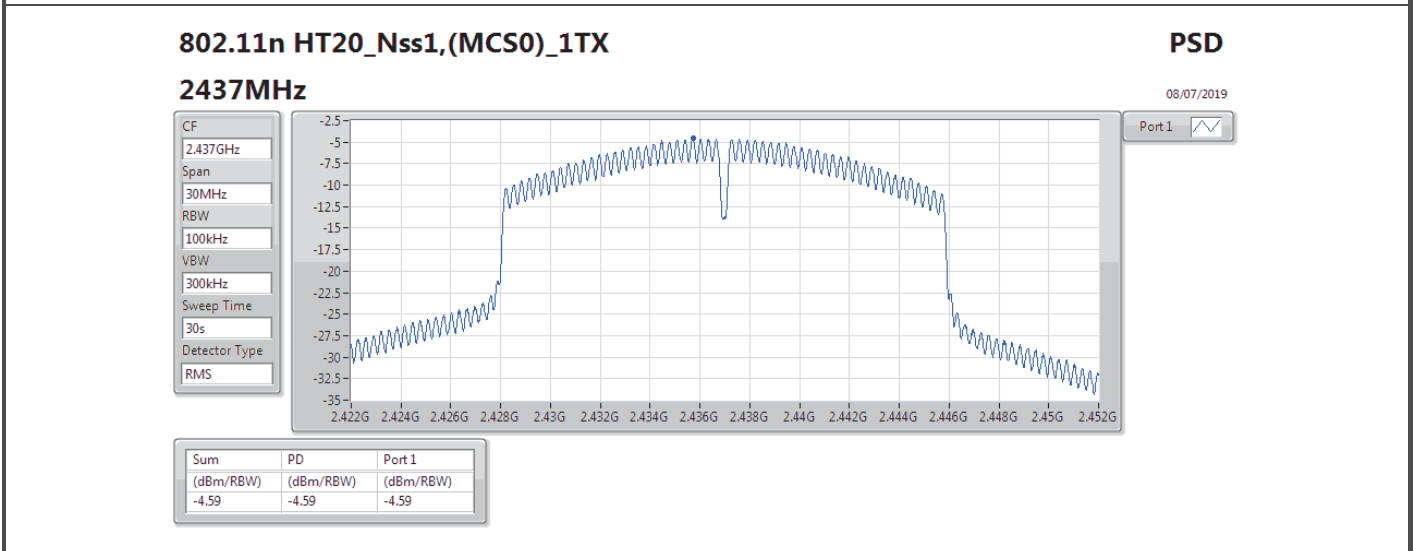
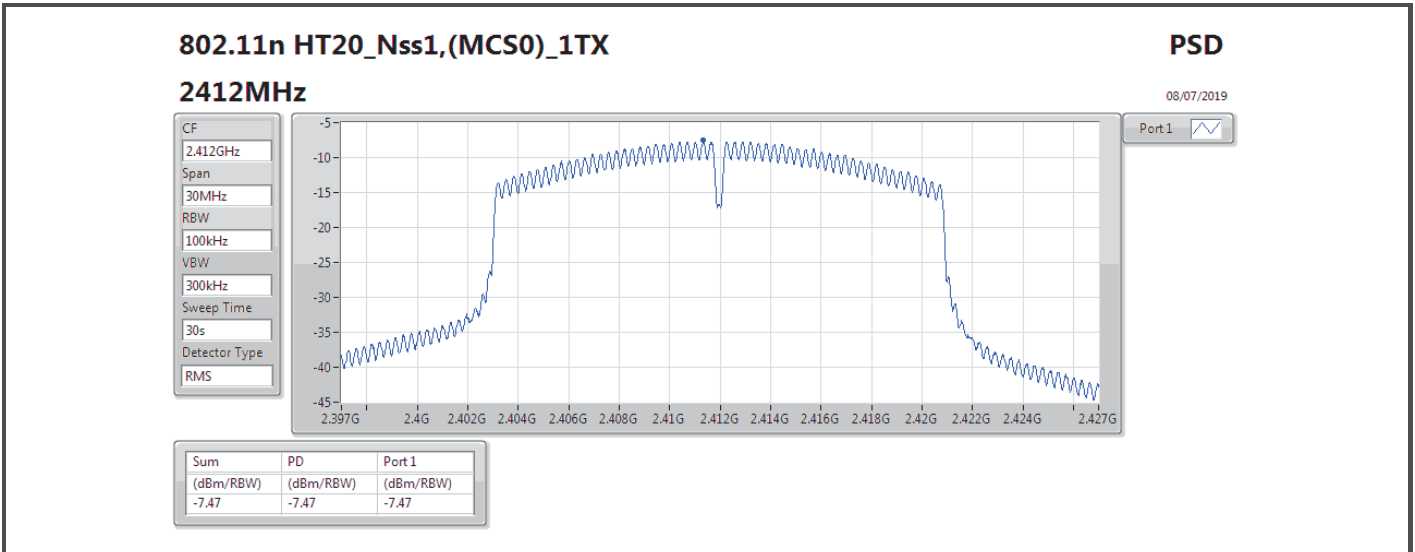
08/07/2019

CF
2.462GHz
Span
30MHz
RBW
100kHz
VBW
300kHz
Sweep Time
30s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.91	-4.91	-4.91





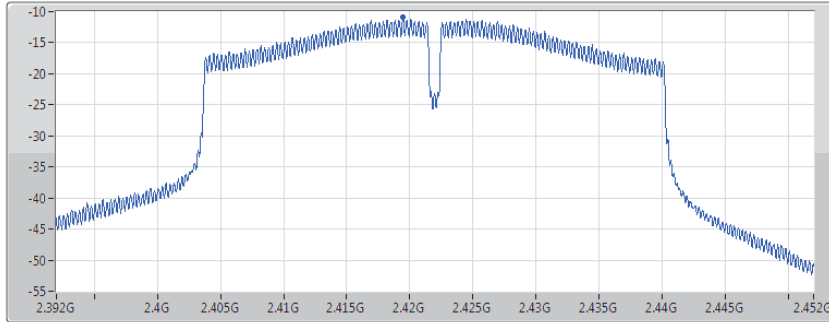
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

08/07/2019

CF
2.422GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.95	-10.95	-10.95

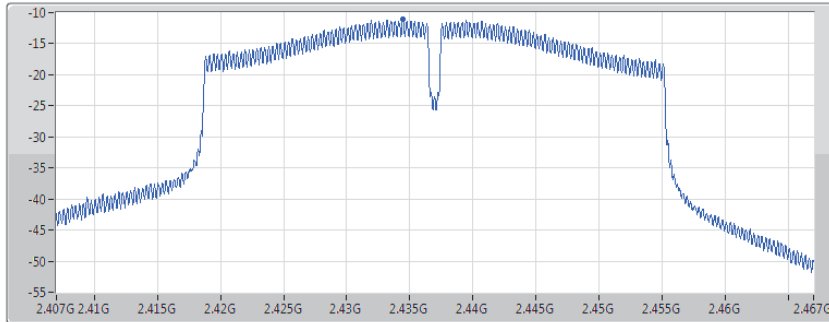
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

08/07/2019

CF
2.437GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.03	-11.03	-11.03

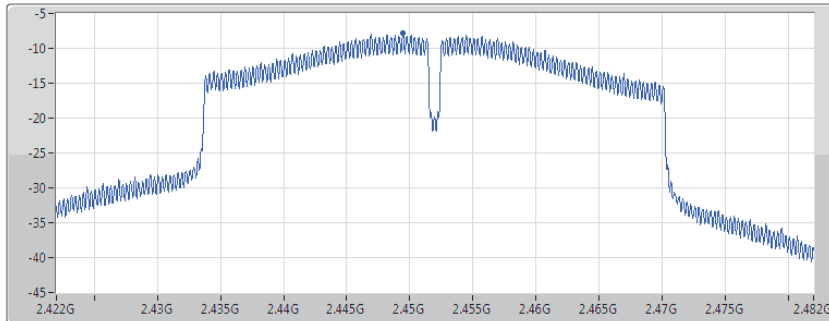
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

08/07/2019

CF
2.452GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.81	-7.81	-7.81



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-6.14
802.11g_Nss1,(6Mbps)_1TX	-4.01
802.11n HT20_Nss1,(MCS0)_1TX	-4.14
802.11n HT40_Nss1,(MCS0)_1TX	-9.37

RBW=3 kHz.

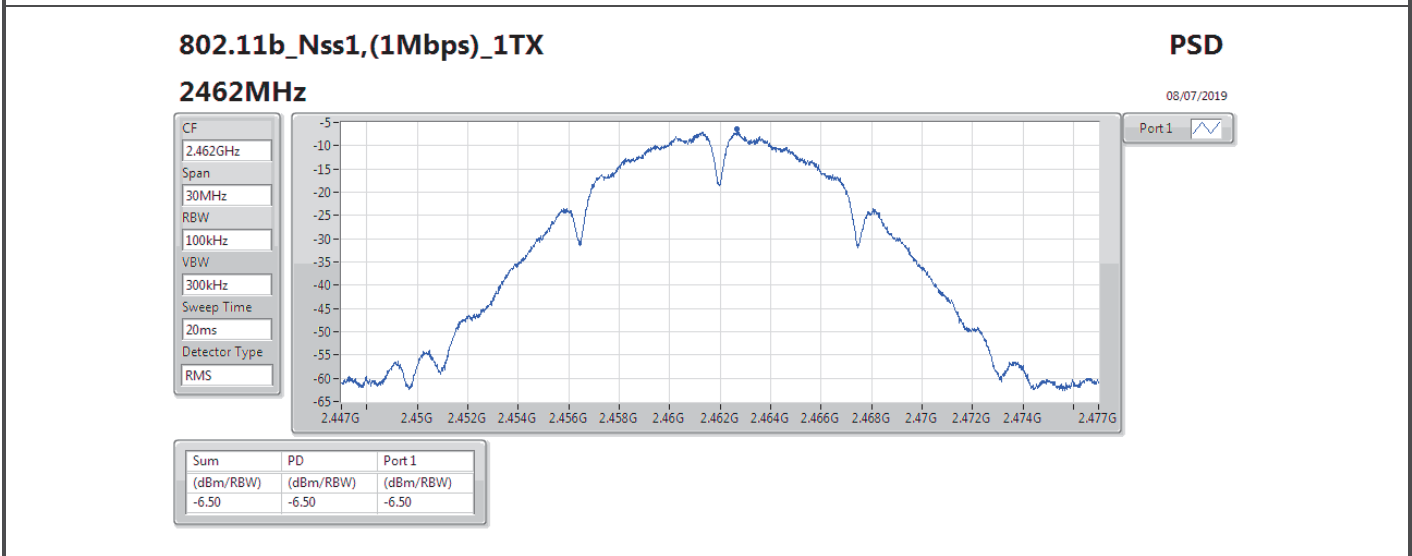
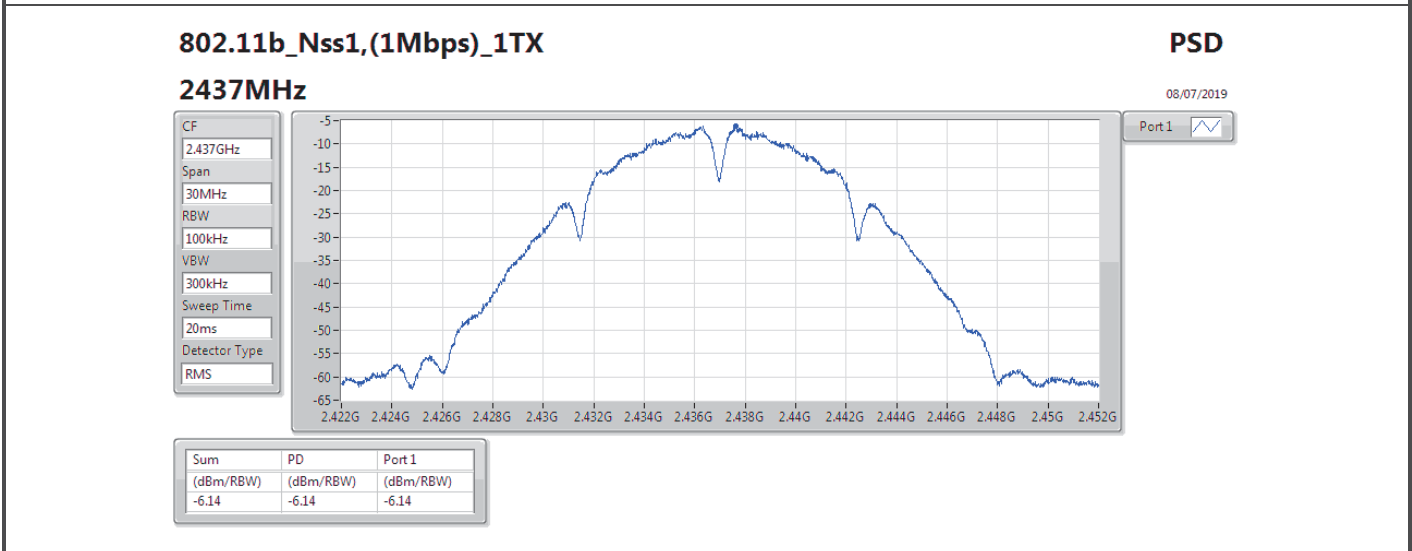
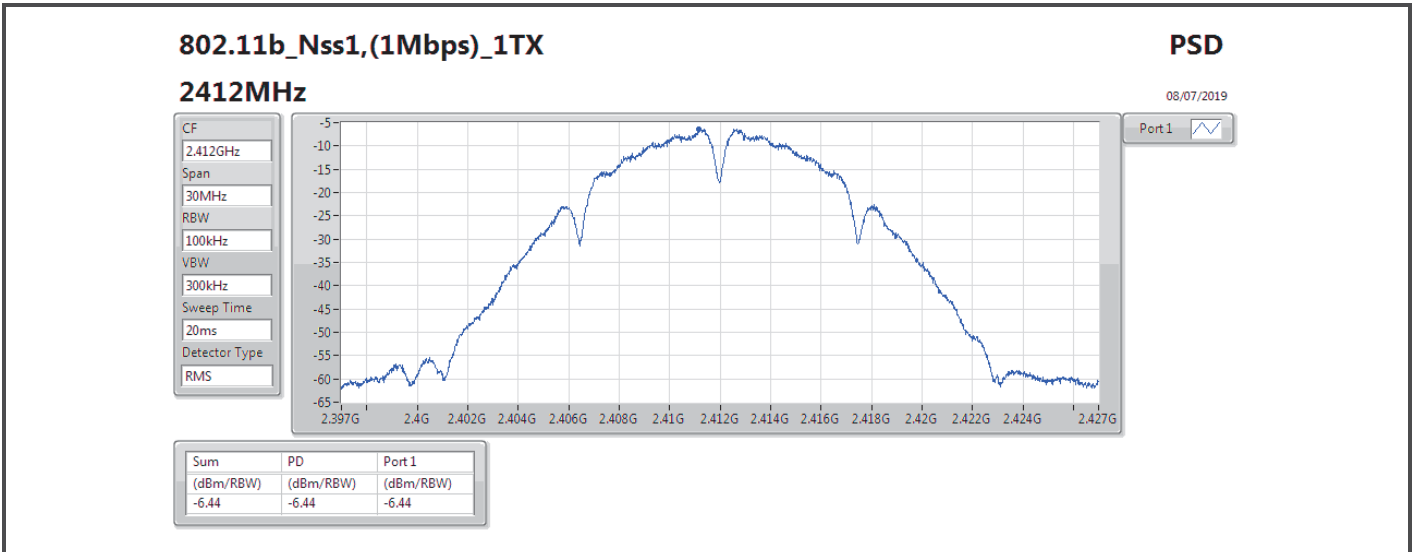


Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-6.44	-6.44	8.00
2437MHz	Pass	3.22	-6.14	-6.14	8.00
2462MHz	Pass	3.22	-6.50	-6.50	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-7.92	-7.92	8.00
2437MHz	Pass	3.22	-4.01	-4.01	8.00
2462MHz	Pass	3.22	-4.78	-4.78	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-8.17	-8.17	8.00
2437MHz	Pass	3.22	-4.14	-4.14	8.00
2462MHz	Pass	3.22	-4.78	-4.78	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.22	-12.29	-12.29	8.00
2437MHz	Pass	3.22	-10.83	-10.83	8.00
2452MHz	Pass	3.22	-9.37	-9.37	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





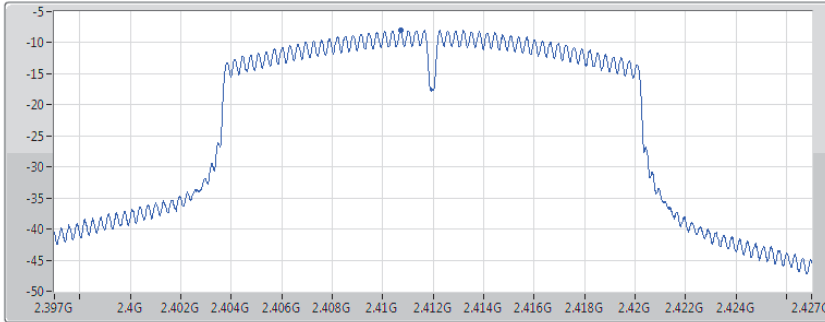
802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

08/07/2019

CF
2.412GHz
Span
30MHz
RBW
100kHz
VBW
300kHz
Sweep Time
30s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.92	-7.92	-7.92

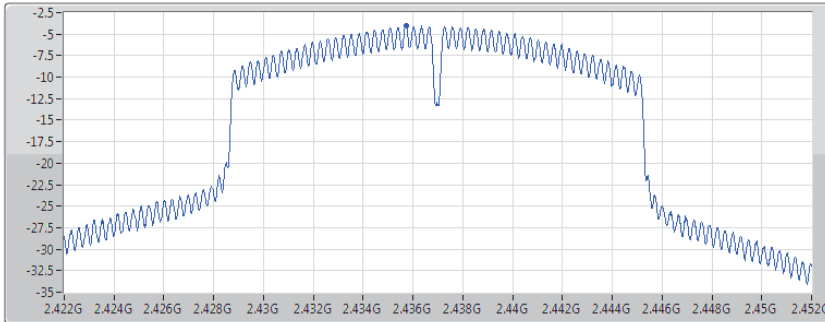
802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

08/07/2019

CF
2.437GHz
Span
30MHz
RBW
100kHz
VBW
300kHz
Sweep Time
30s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.01	-4.01	-4.01

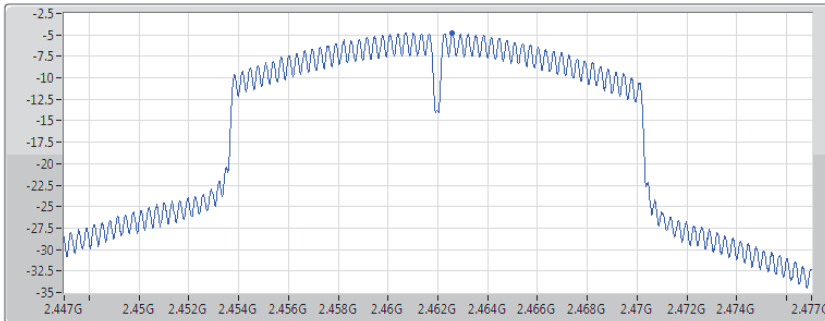
802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

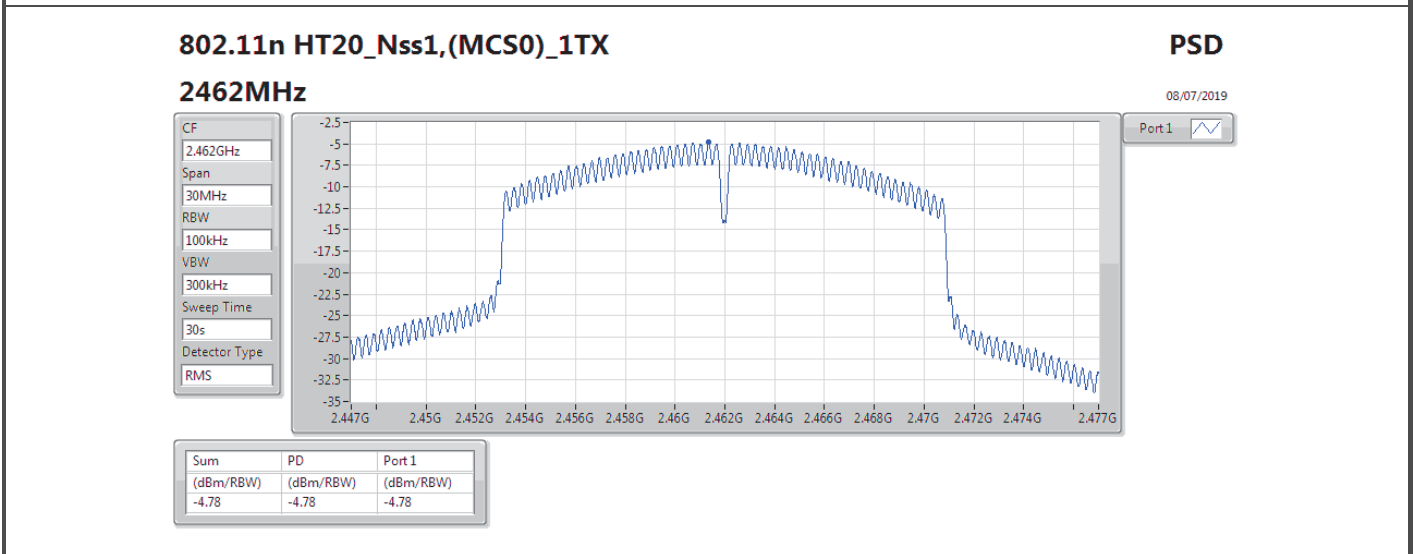
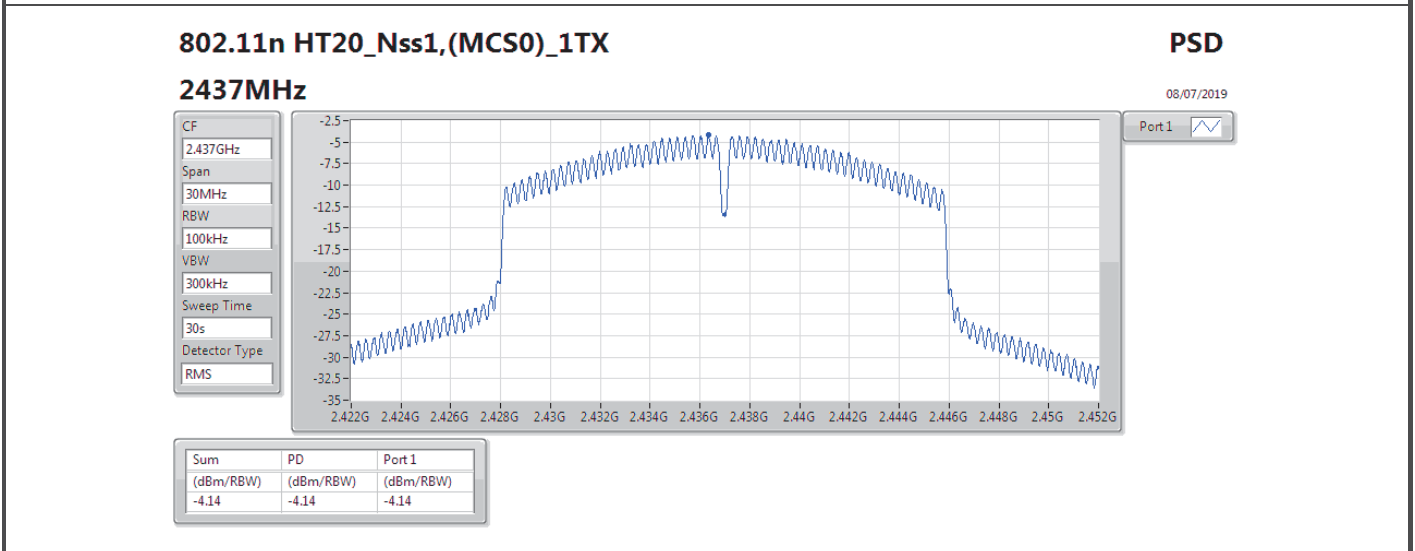
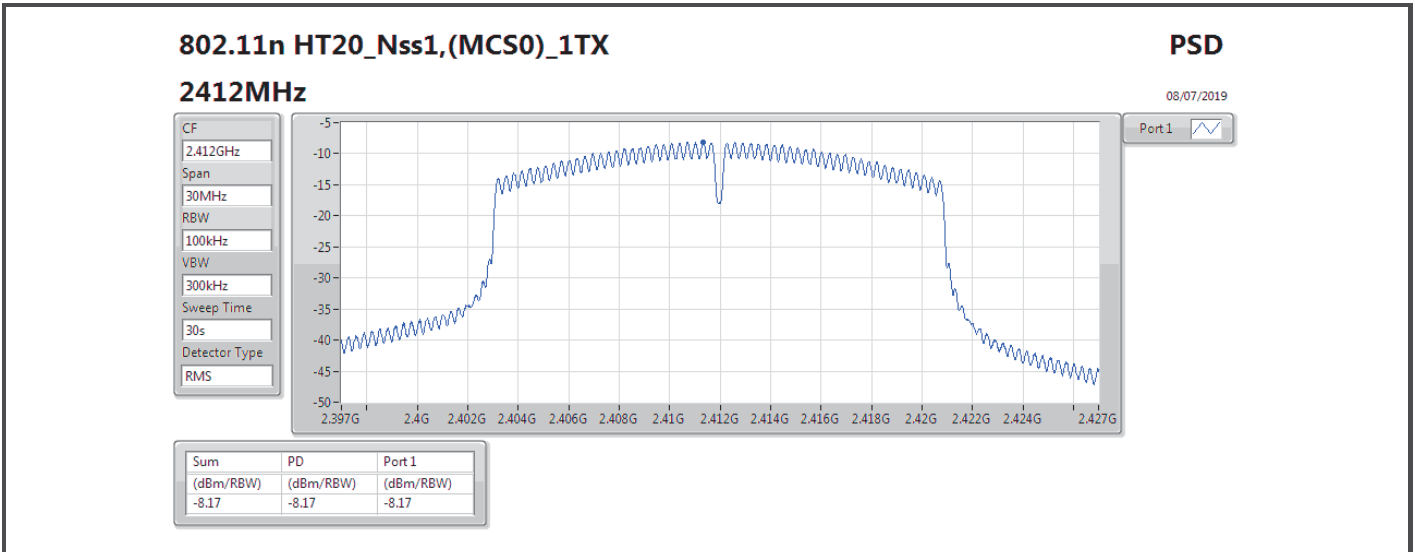
08/07/2019

CF
2.462GHz
Span
30MHz
RBW
100kHz
VBW
300kHz
Sweep Time
30s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.78	-4.78	-4.78





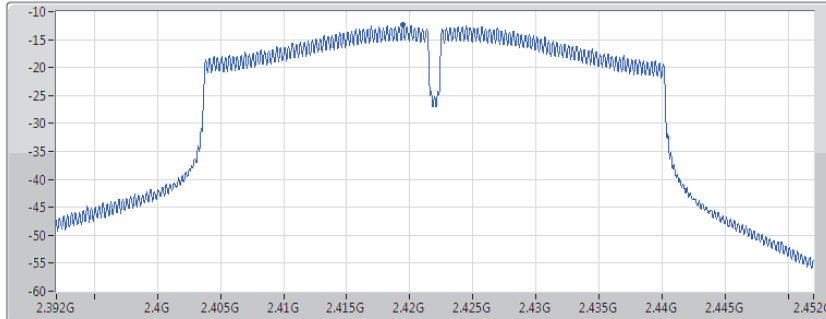
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

08/07/2019

CF
2.422GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.29	-12.29	-12.29

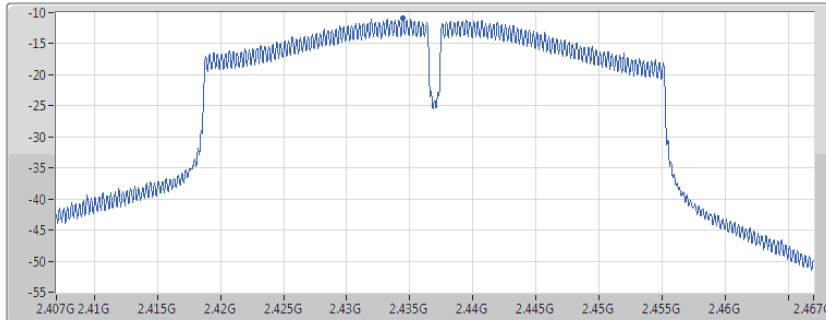
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

08/07/2019

CF
2.437GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.83	-10.83	-10.83

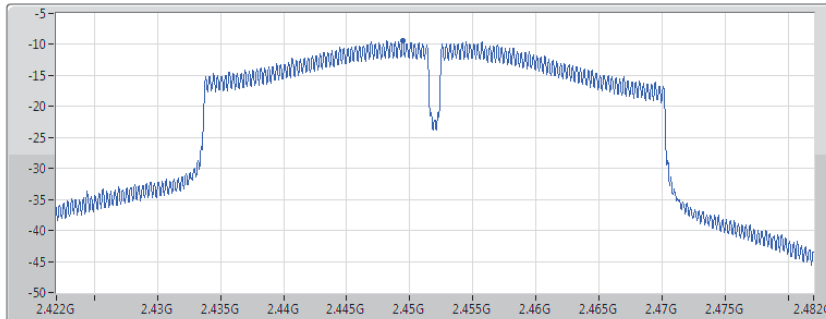
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

08/07/2019

CF
2.452GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.37	-9.37	-9.37



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-4.13
802.11g_Nss1,(6Mbps)_1TX	-4.10
802.11n HT20_Nss1,(MCS0)_1TX	-4.11
802.11n HT40_Nss1,(MCS0)_1TX	-9.56

RBW=3 kHz.

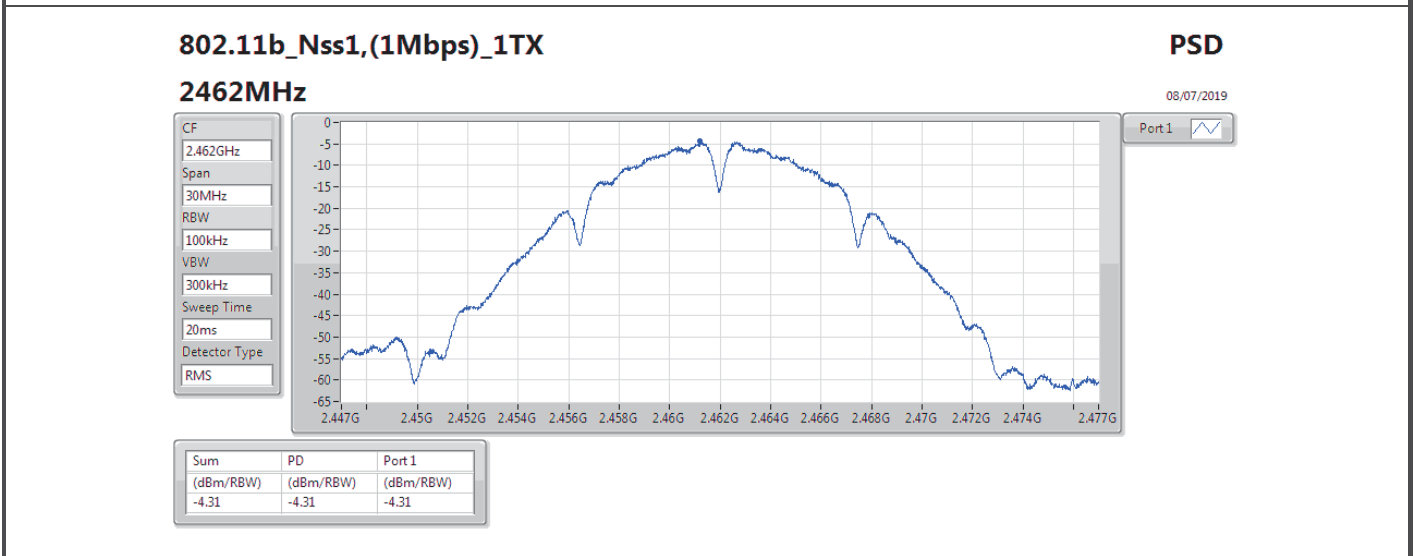
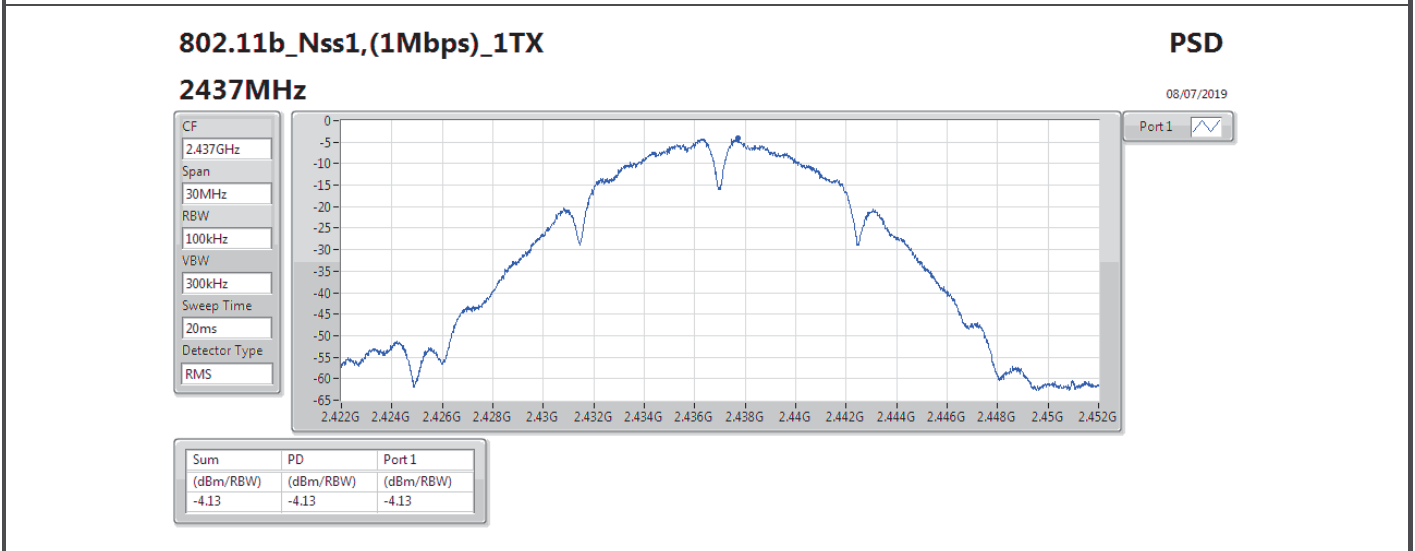
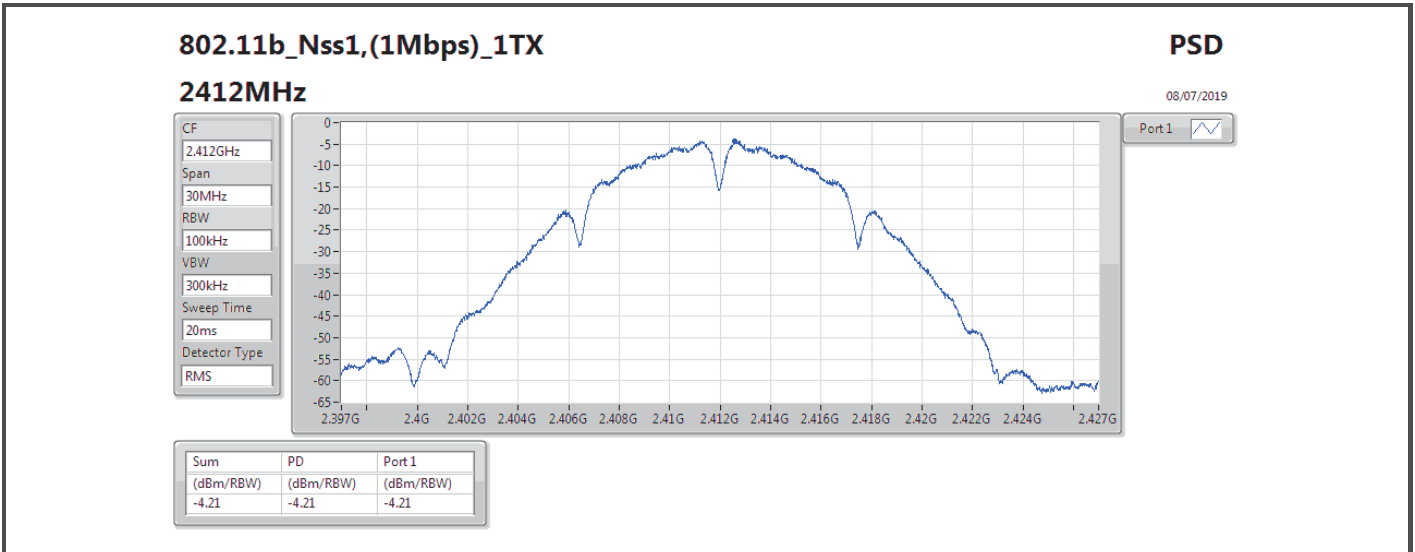


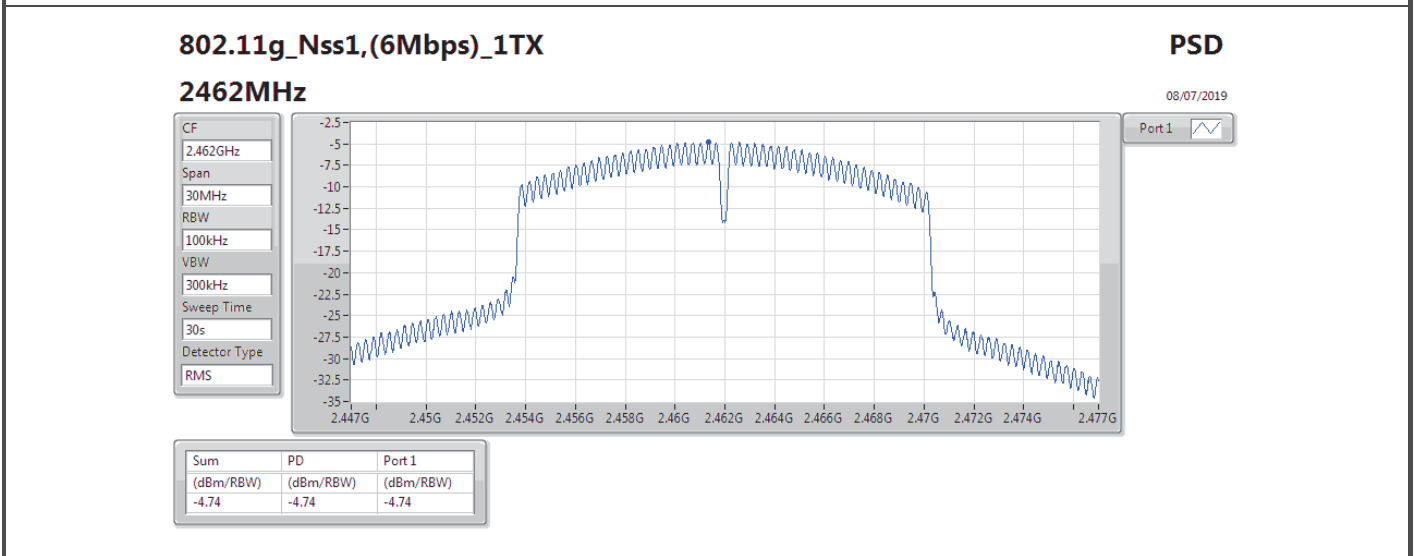
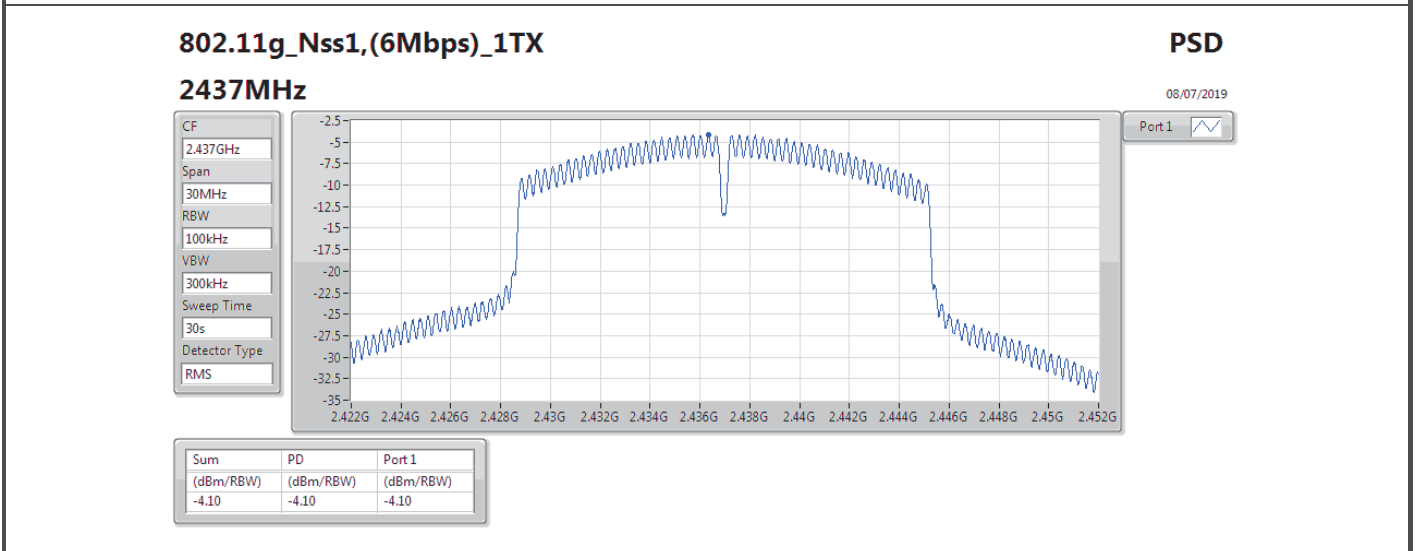
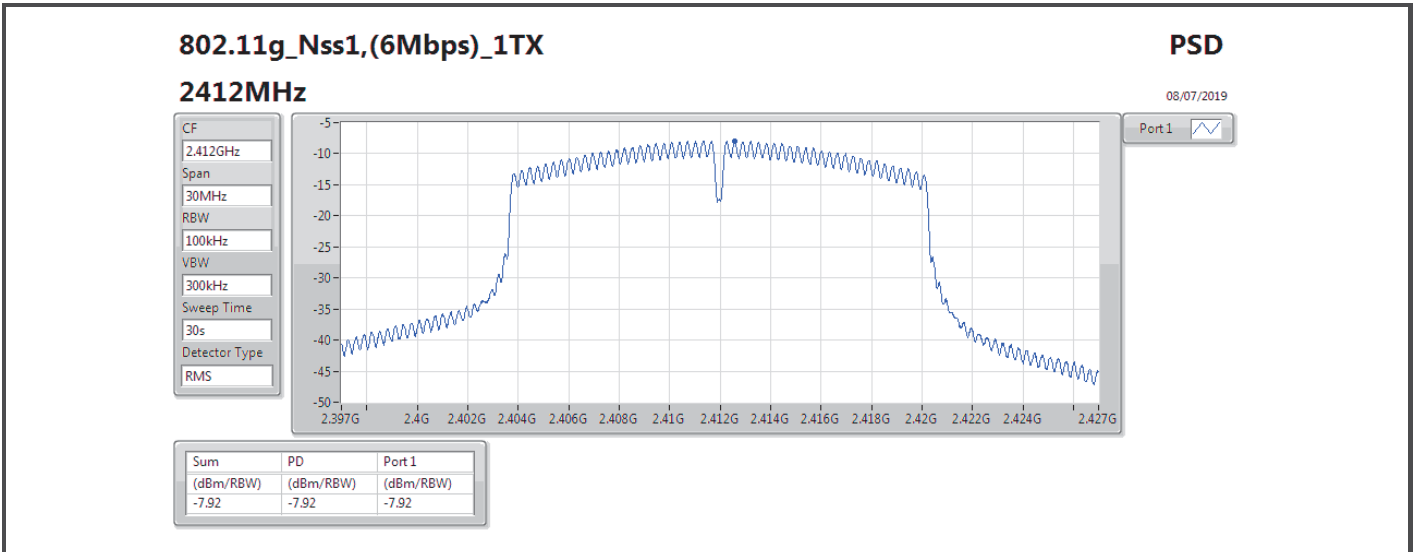
Result

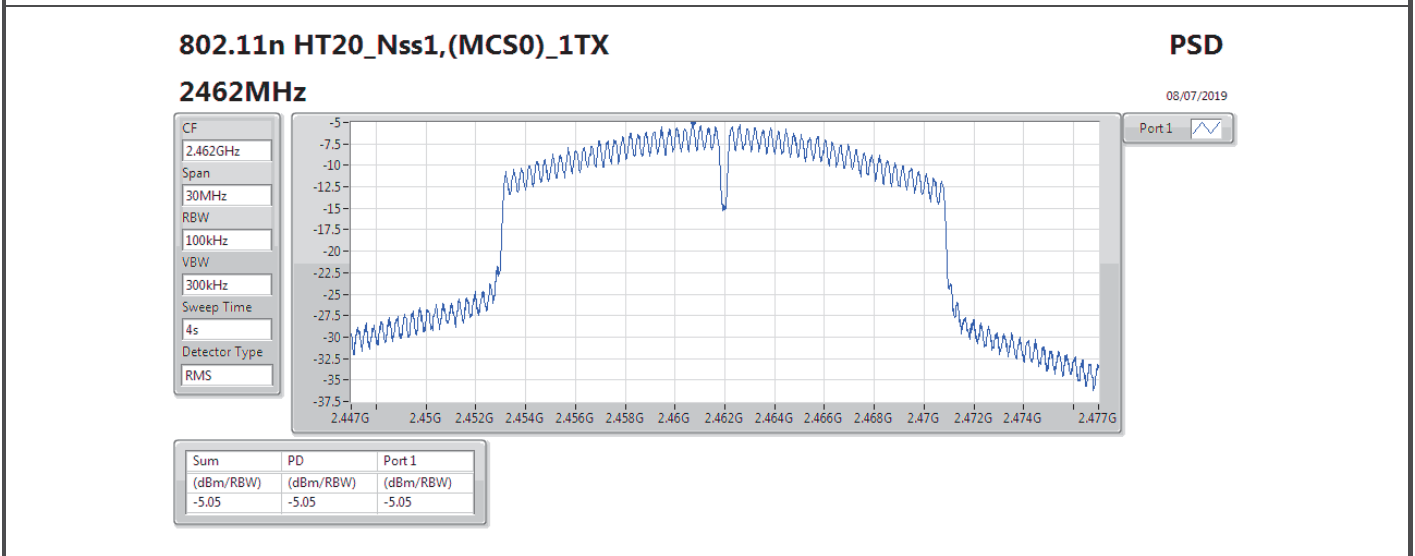
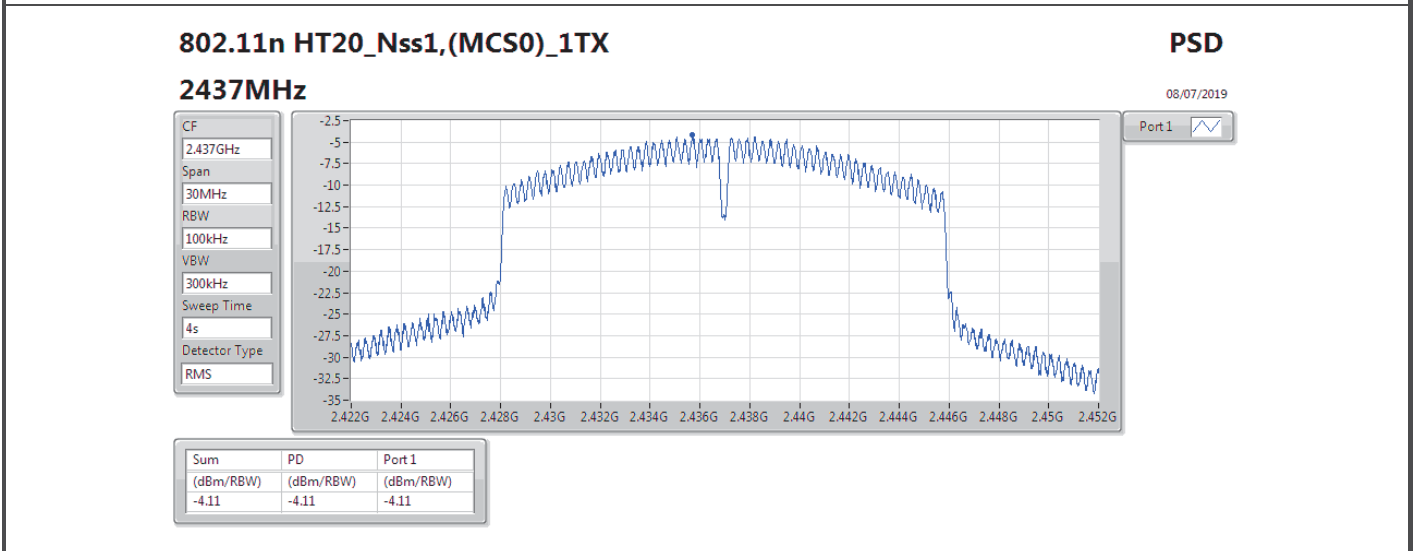
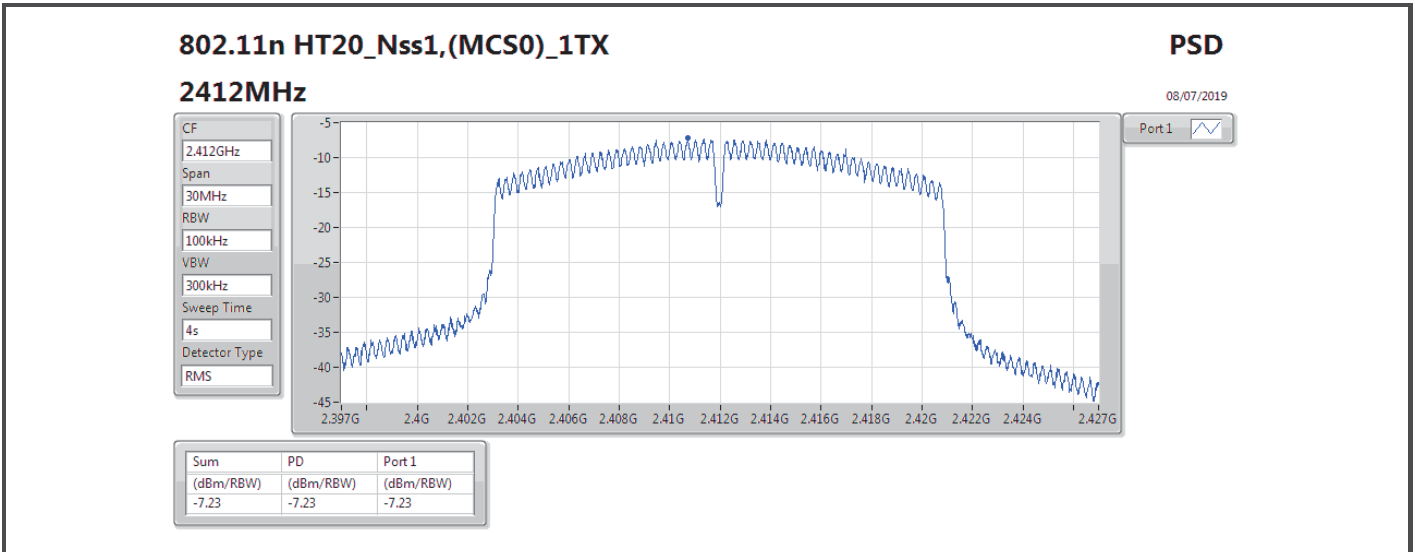
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-4.21	-4.21	8.00
2437MHz	Pass	3.22	-4.13	-4.13	8.00
2462MHz	Pass	3.22	-4.31	-4.31	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-7.92	-7.92	8.00
2437MHz	Pass	3.22	-4.10	-4.10	8.00
2462MHz	Pass	3.22	-4.74	-4.74	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.22	-7.23	-7.23	8.00
2437MHz	Pass	3.22	-4.11	-4.11	8.00
2462MHz	Pass	3.22	-5.05	-5.05	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.22	-11.88	-11.88	8.00
2437MHz	Pass	3.22	-10.91	-10.91	8.00
2452MHz	Pass	3.22	-9.56	-9.56	8.00

DG = Directional Gain; RBW=3 kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;









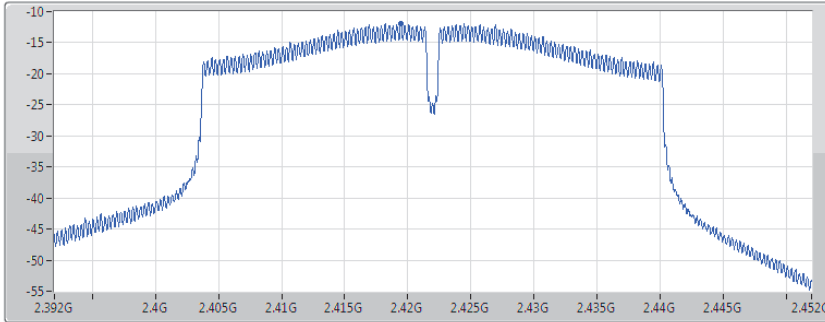
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

08/07/2019

CF
2.422GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.88	-11.88	-11.88

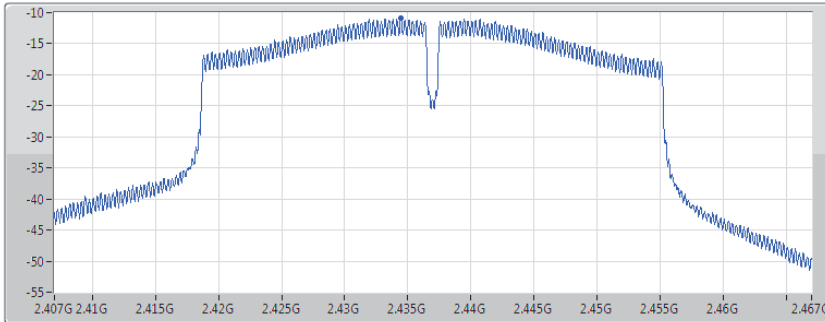
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

08/07/2019

CF
2.437GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.91	-10.91	-10.91

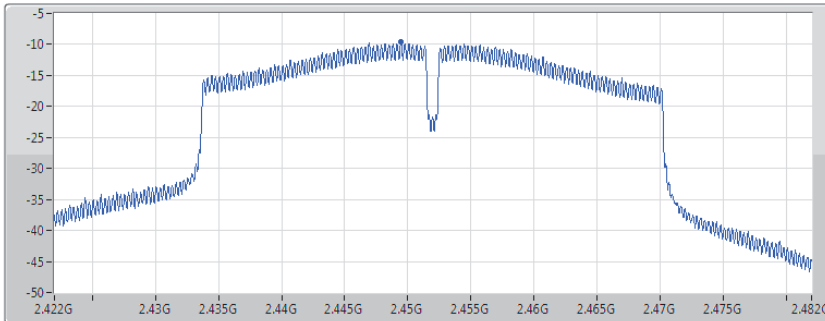
802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

08/07/2019

CF
2.452GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
19.4s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.56	-9.56	-9.56



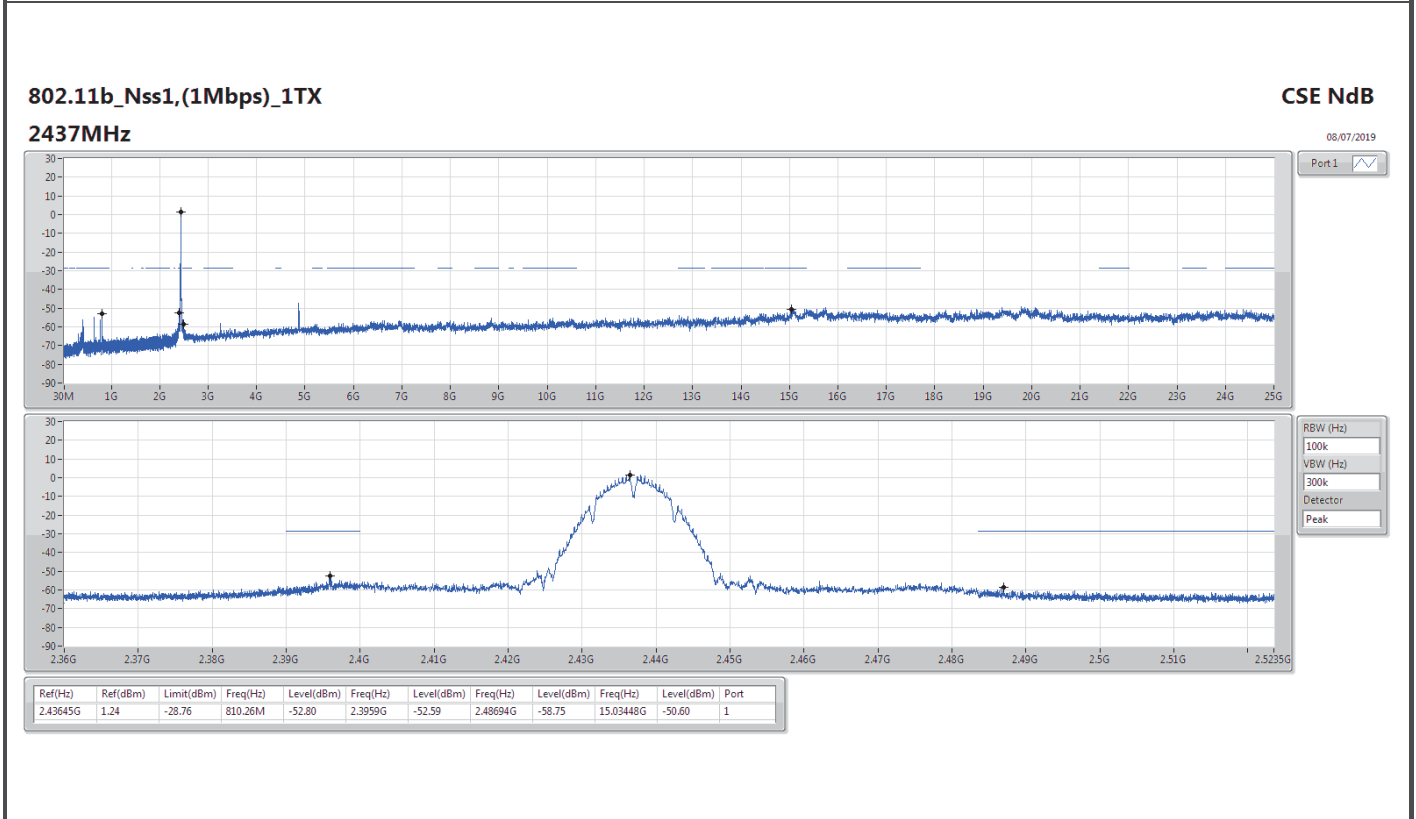
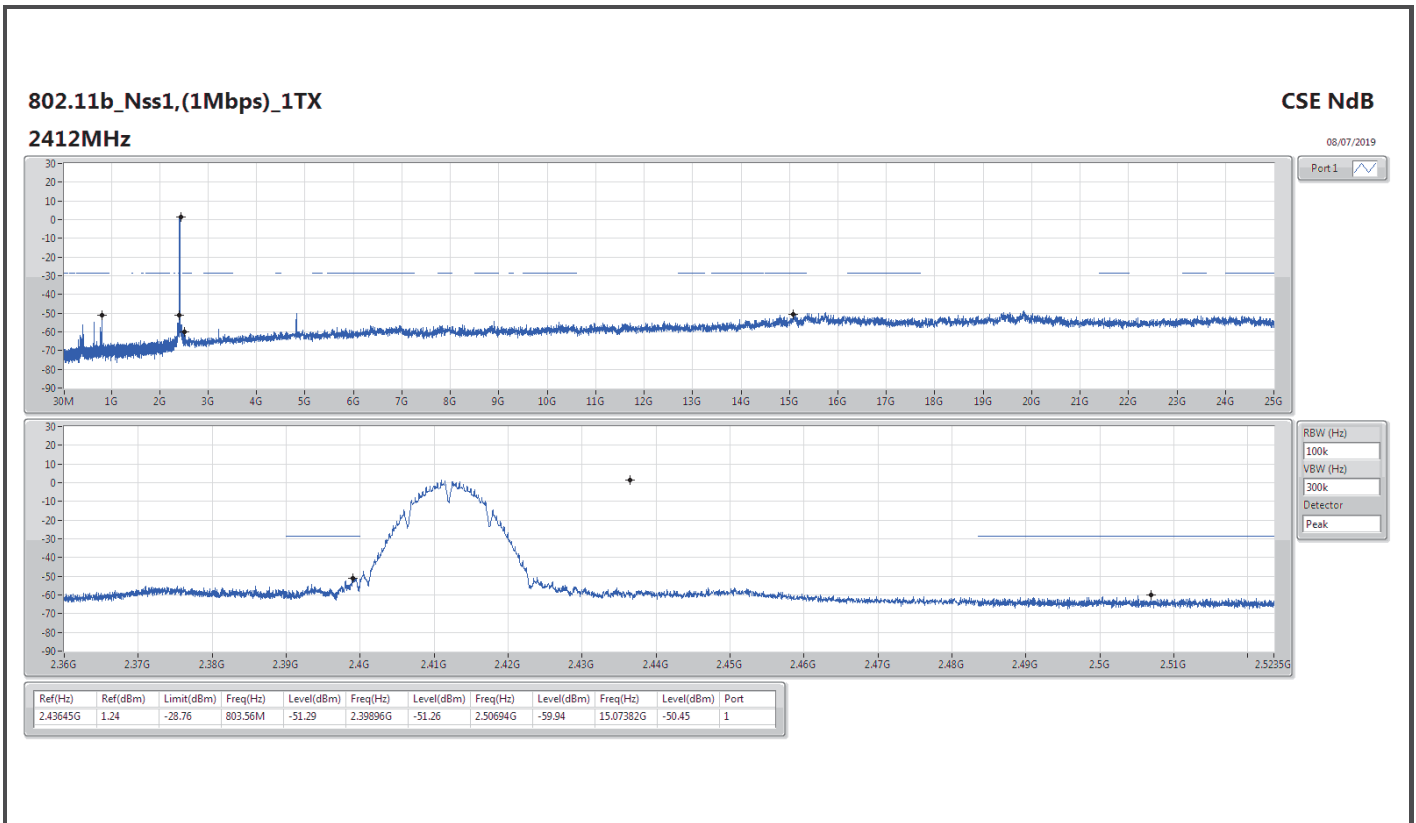
Summary

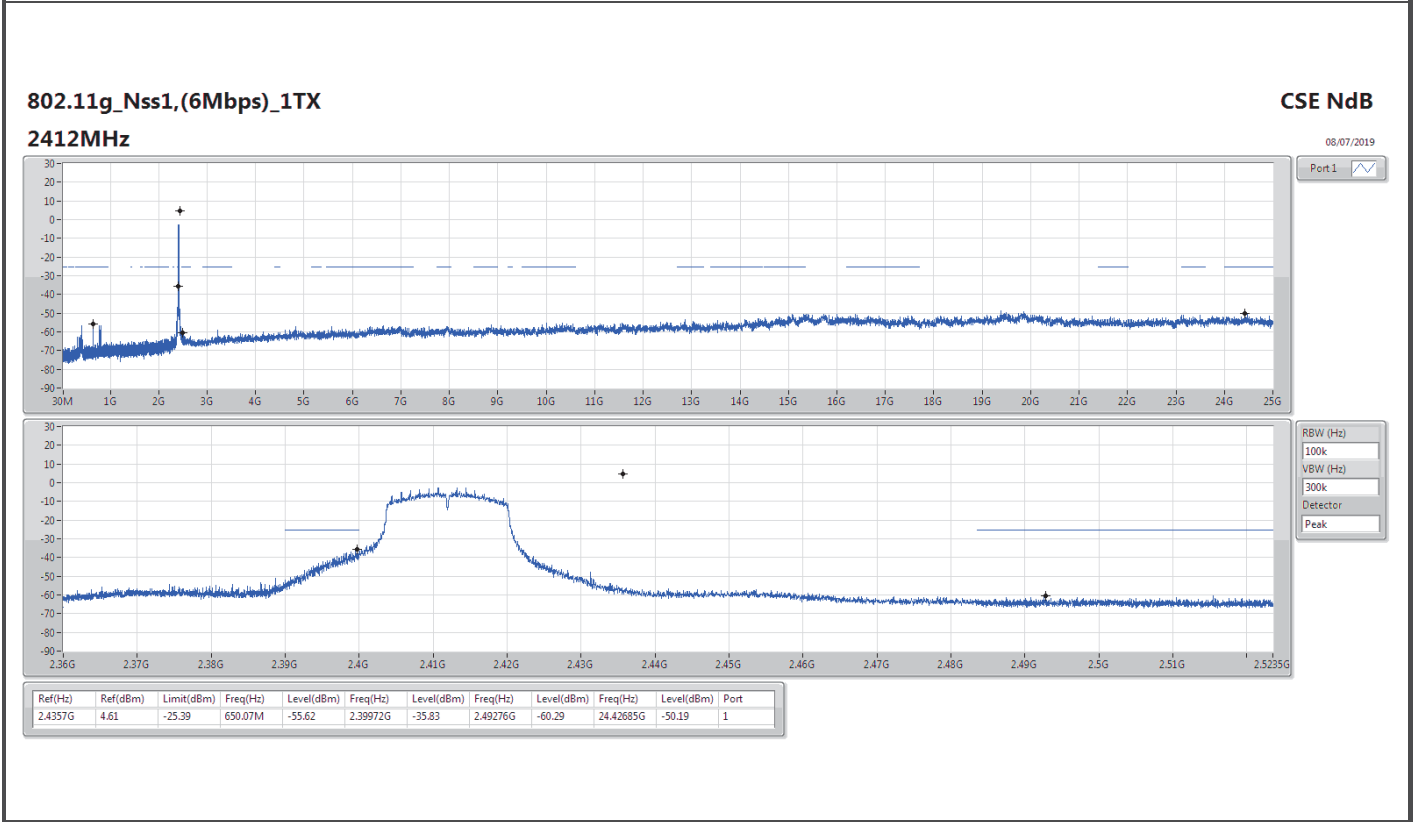
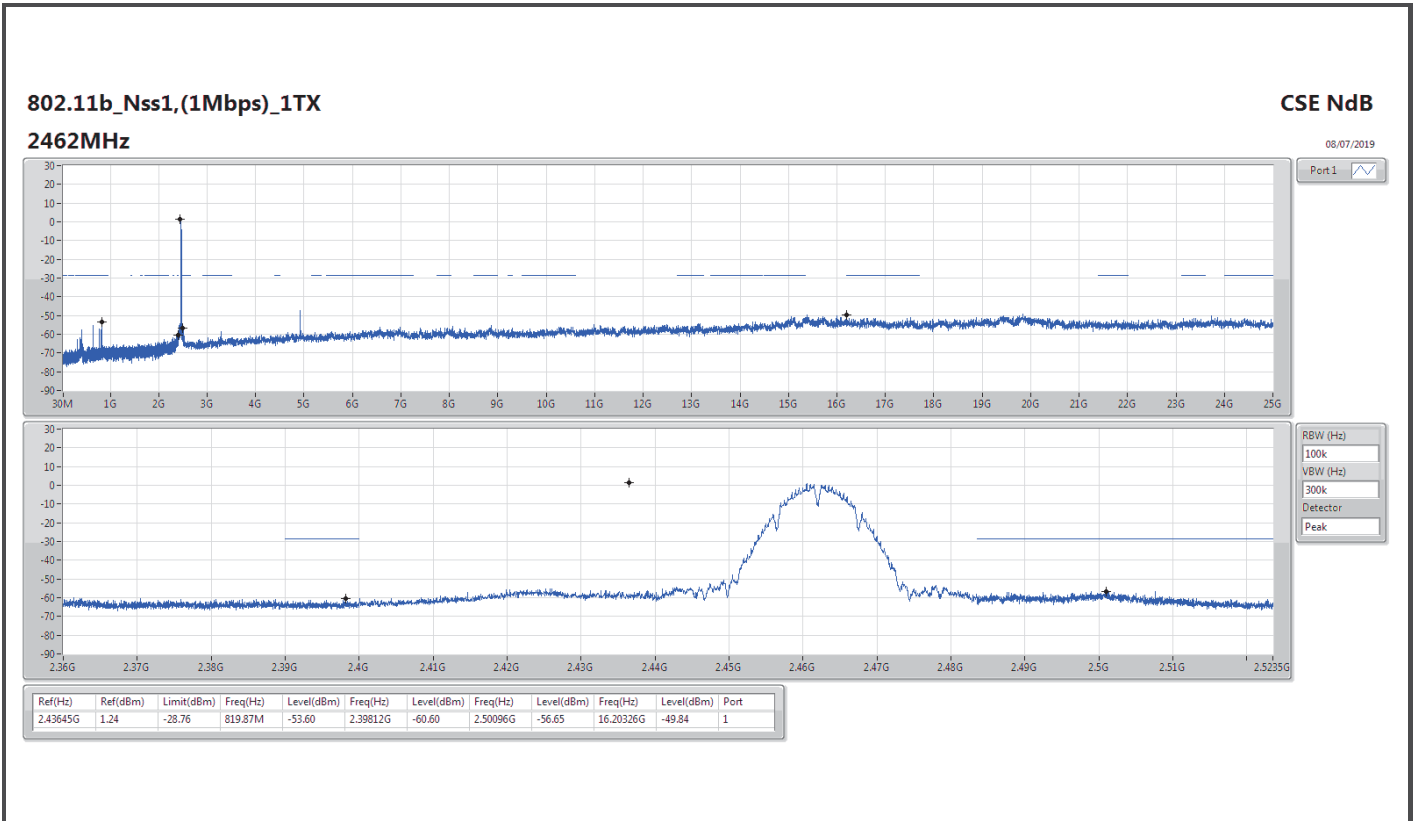
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43645G	1.24	-28.76	819.87M	-53.60	2.39812G	-60.60	2.50096G	-56.65	16.20326G	-49.84	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.4357G	4.61	-25.39	818.12M	-57.36	2.39864G	-57.65	2.48352G	-32.83	15.08224G	-50.16	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4382G	4.55	-25.45	649.78M	-55.16	2.39972G	-25.95	2.49684G	-59.79	24.22456G	-50.87	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.45569G	1.96	-28.04	650.02M	-55.58	2.39948G	-28.20	2.4845G	-58.89	23.23313G	-50.85	1

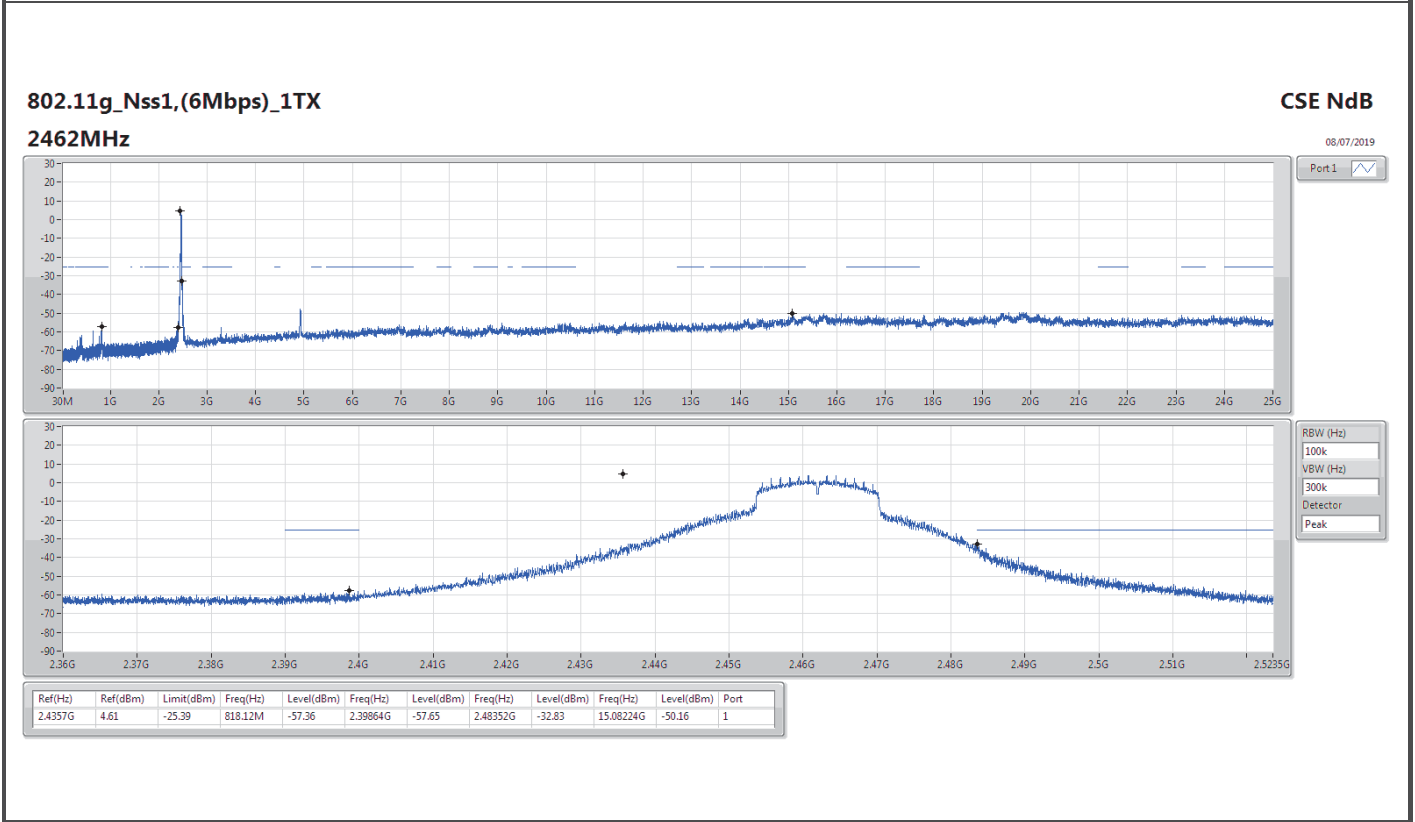
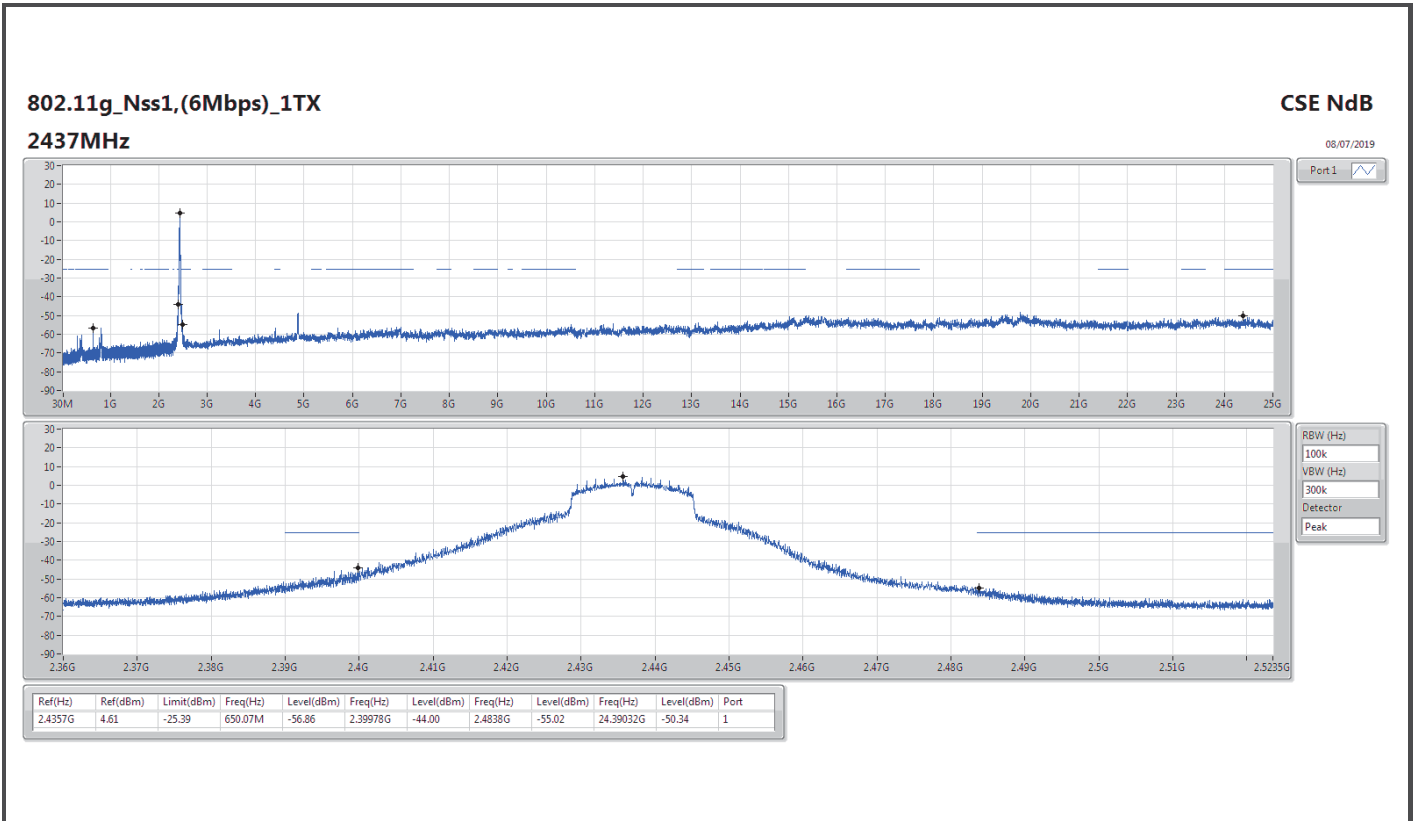


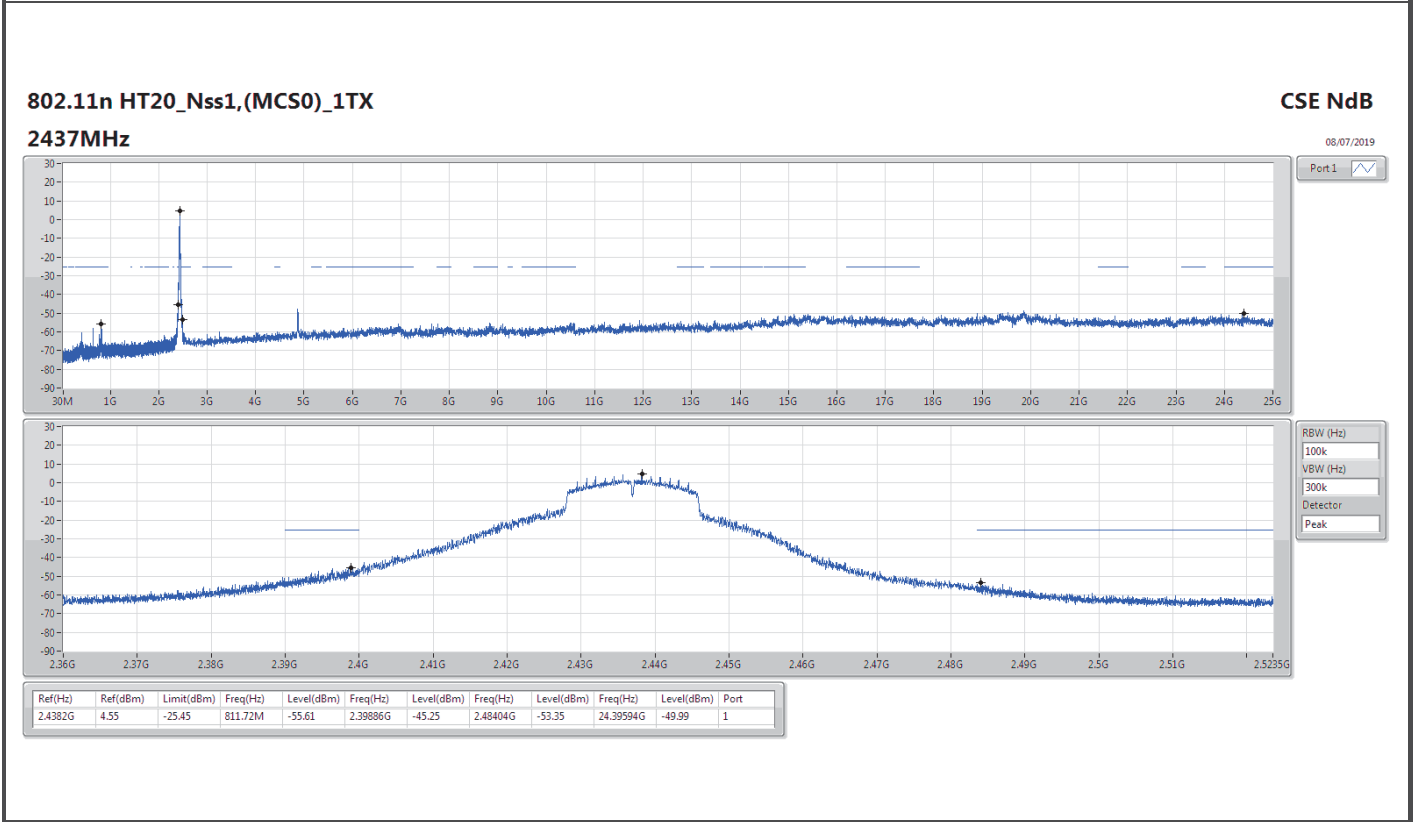
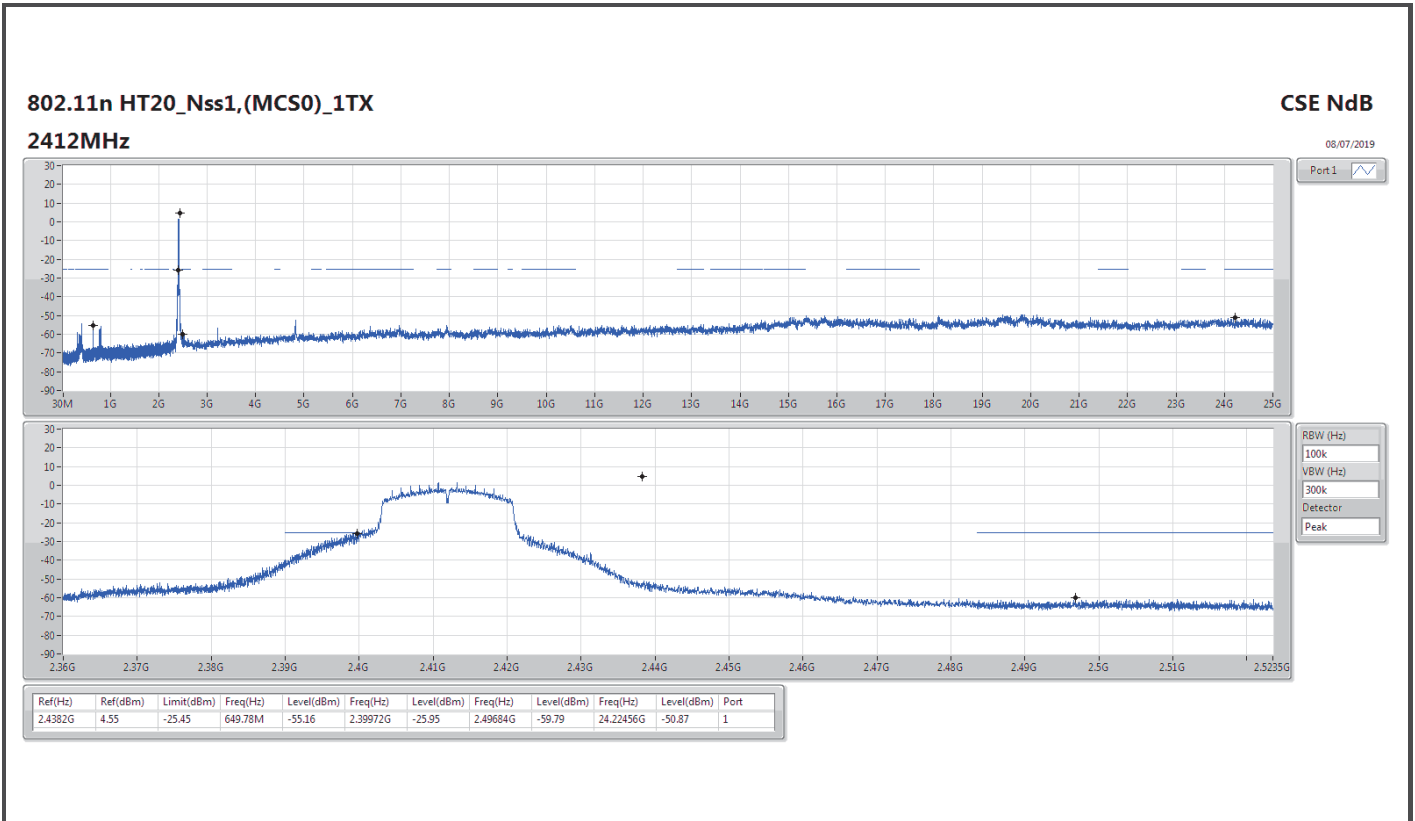
Result

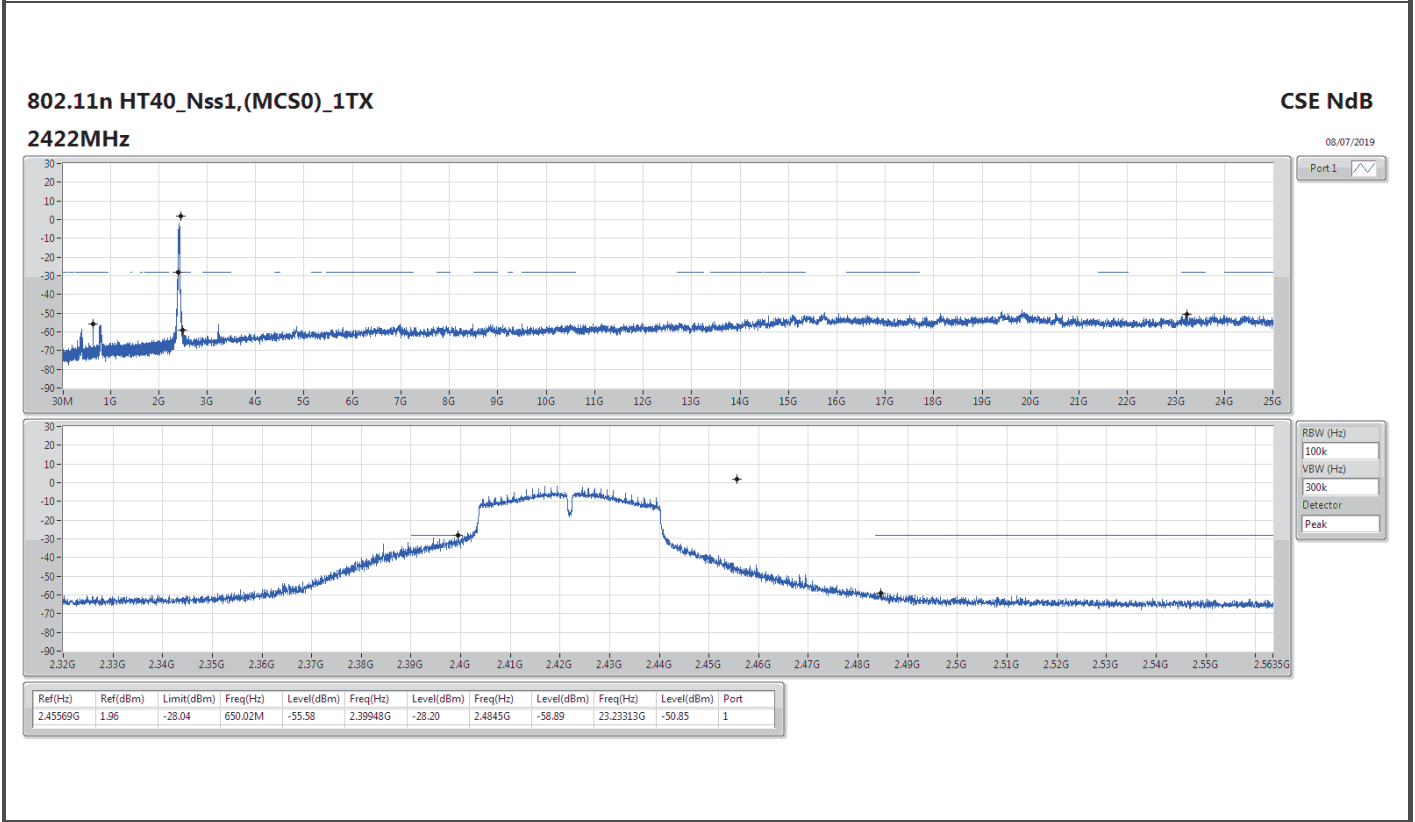
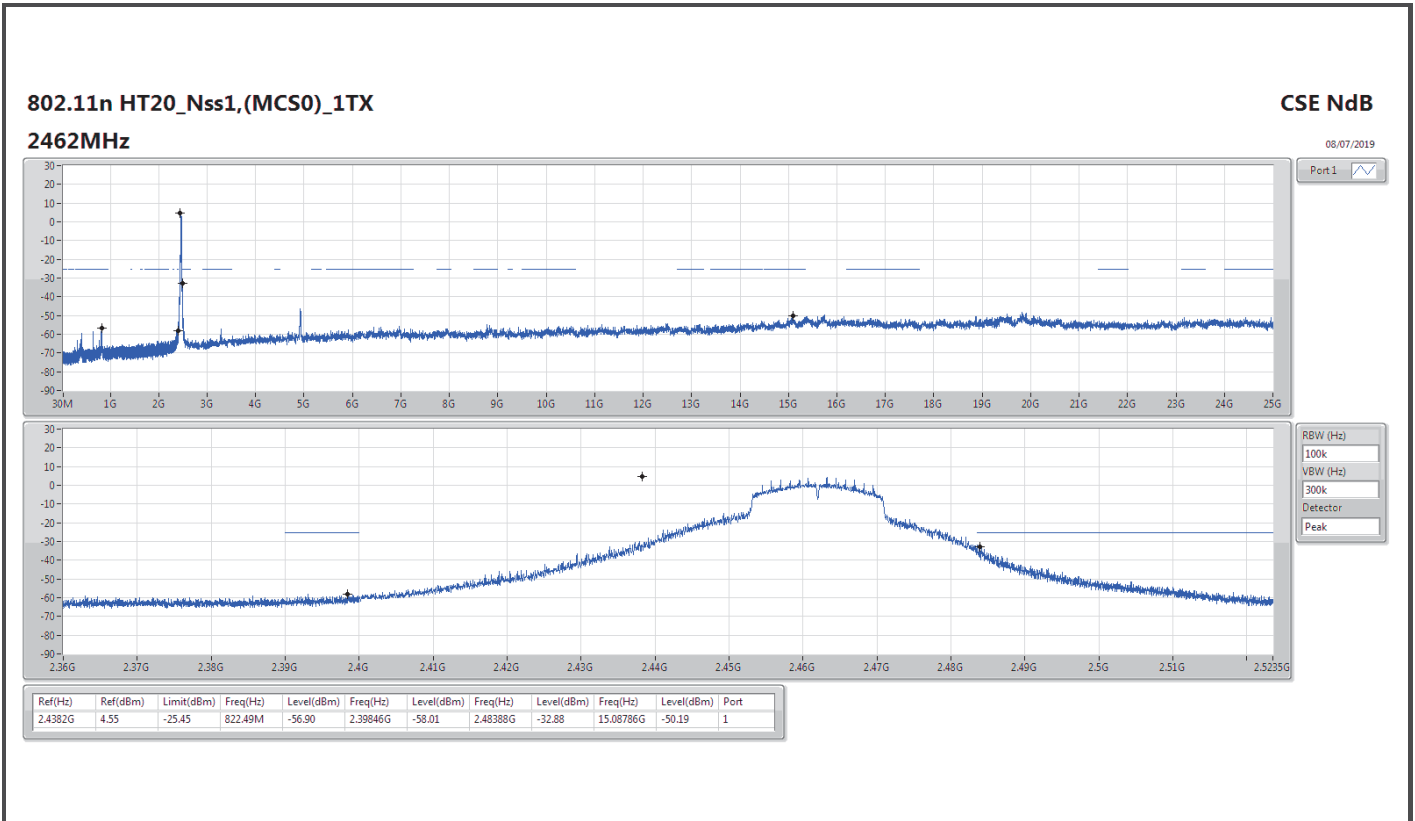
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43645G	1.24	-28.76	803.56M	-51.29	2.39896G	-51.26	2.50694G	-59.94	15.07382G	-50.45	1
2437MHz	Pass	2.43645G	1.24	-28.76	810.26M	-52.80	2.3959G	-52.59	2.48694G	-58.75	15.03448G	-50.60	1
2462MHz	Pass	2.43645G	1.24	-28.76	819.87M	-53.60	2.39812G	-60.60	2.50096G	-56.65	16.20326G	-49.84	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4357G	4.61	-25.39	650.07M	-55.62	2.39972G	-35.83	2.49276G	-60.29	24.42685G	-50.19	1
2437MHz	Pass	2.4357G	4.61	-25.39	650.07M	-56.86	2.39978G	-44.00	2.4838G	-55.02	24.39032G	-50.34	1
2462MHz	Pass	2.4357G	4.61	-25.39	818.12M	-57.36	2.39864G	-57.65	2.48352G	-32.83	15.08224G	-50.16	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4382G	4.55	-25.45	649.78M	-55.16	2.39972G	-25.95	2.49684G	-59.79	24.22456G	-50.87	1
2437MHz	Pass	2.4382G	4.55	-25.45	811.72M	-55.61	2.39886G	-45.25	2.48404G	-53.35	24.39594G	-49.99	1
2462MHz	Pass	2.4382G	4.55	-25.45	822.49M	-56.90	2.39846G	-58.01	2.48388G	-32.88	15.08786G	-50.19	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45569G	1.96	-28.04	650.02M	-55.58	2.39948G	-28.20	2.4845G	-58.89	23.23313G	-50.85	1
2437MHz	Pass	2.45569G	1.96	-28.04	650.02M	-55.36	2.39944G	-33.03	2.48442G	-49.44	15.34109G	-50.51	1
2452MHz	Pass	2.45569G	1.96	-28.04	813.47M	-55.00	2.39952G	-34.65	2.4845G	-29.24	16.43487G	-50.99	1

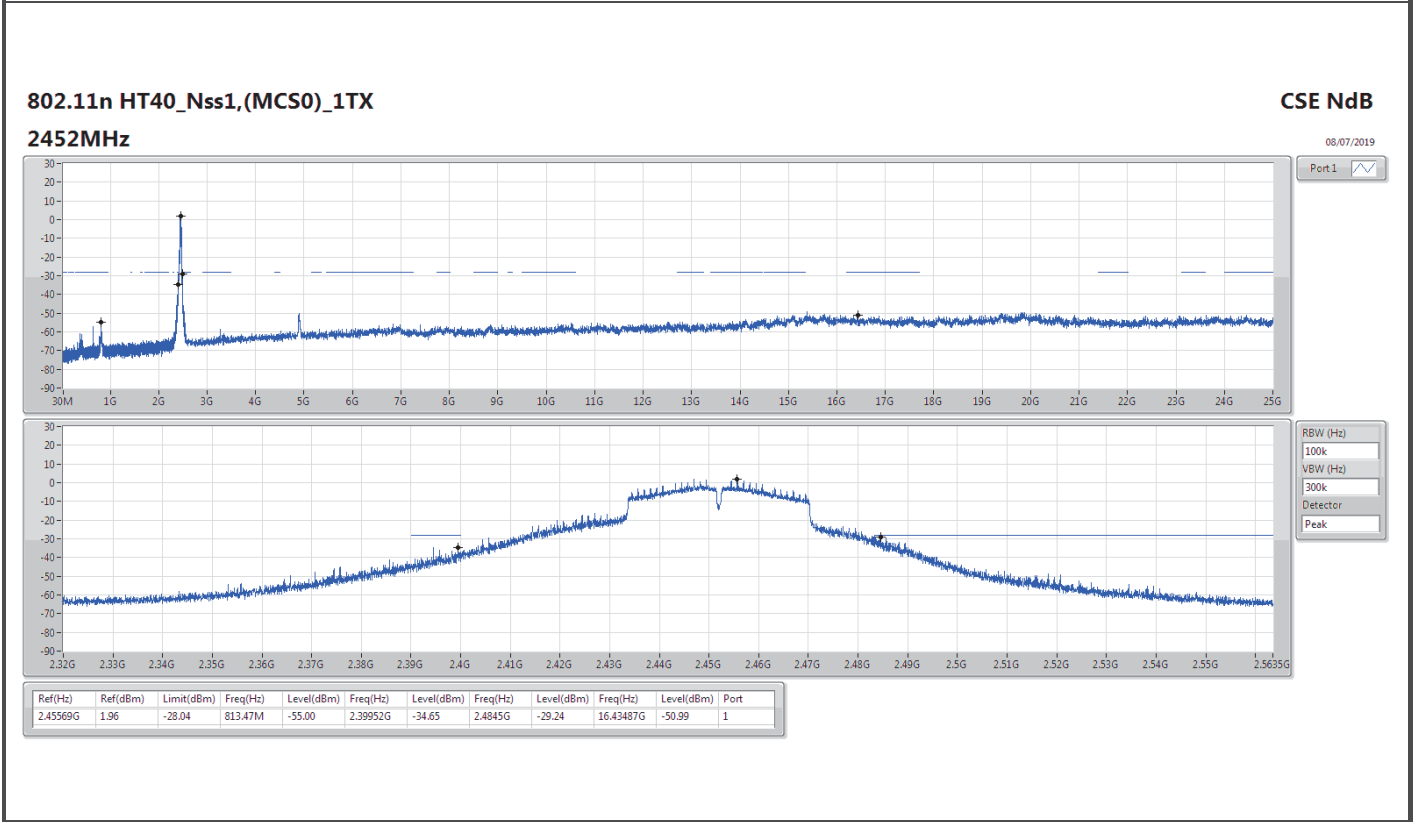
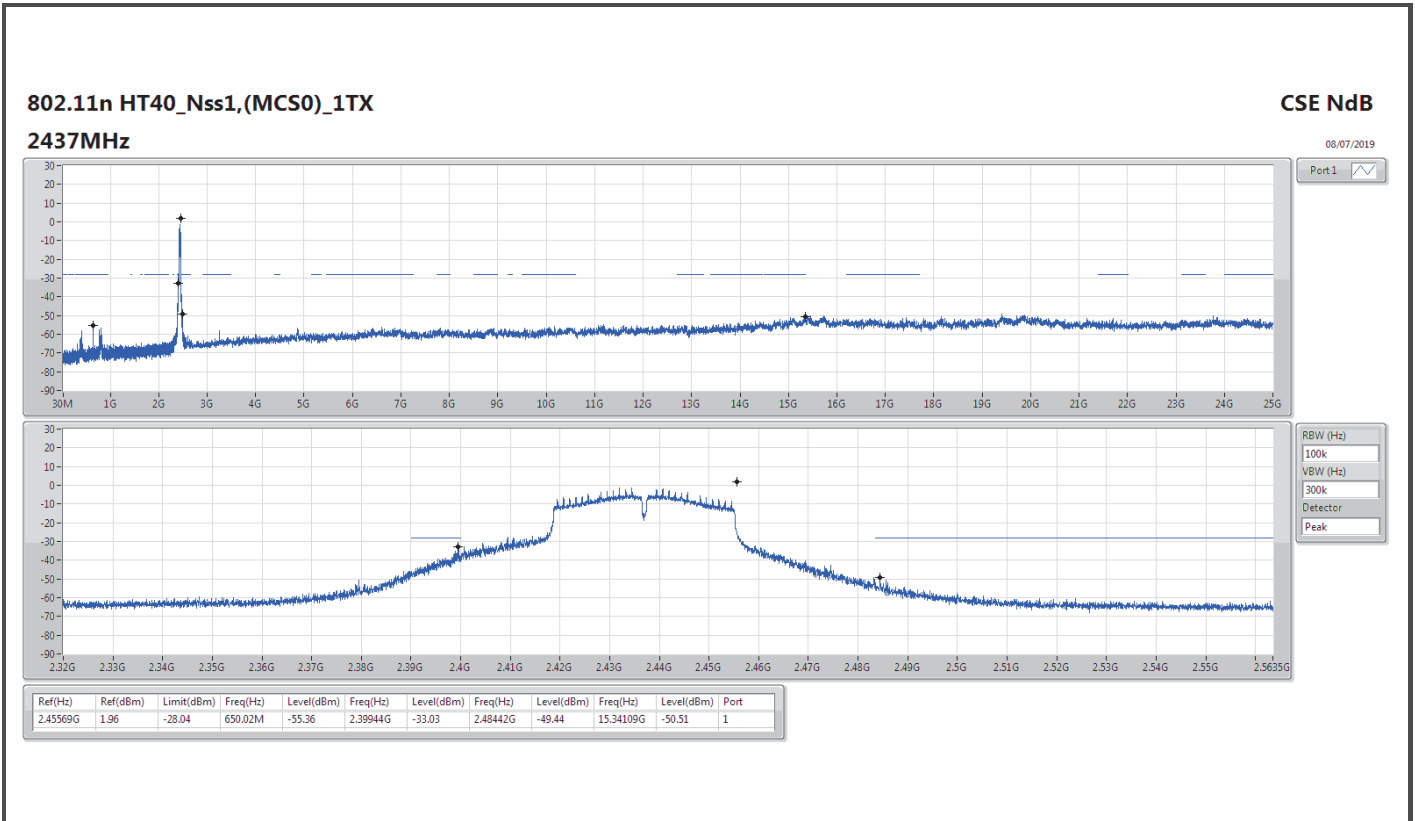














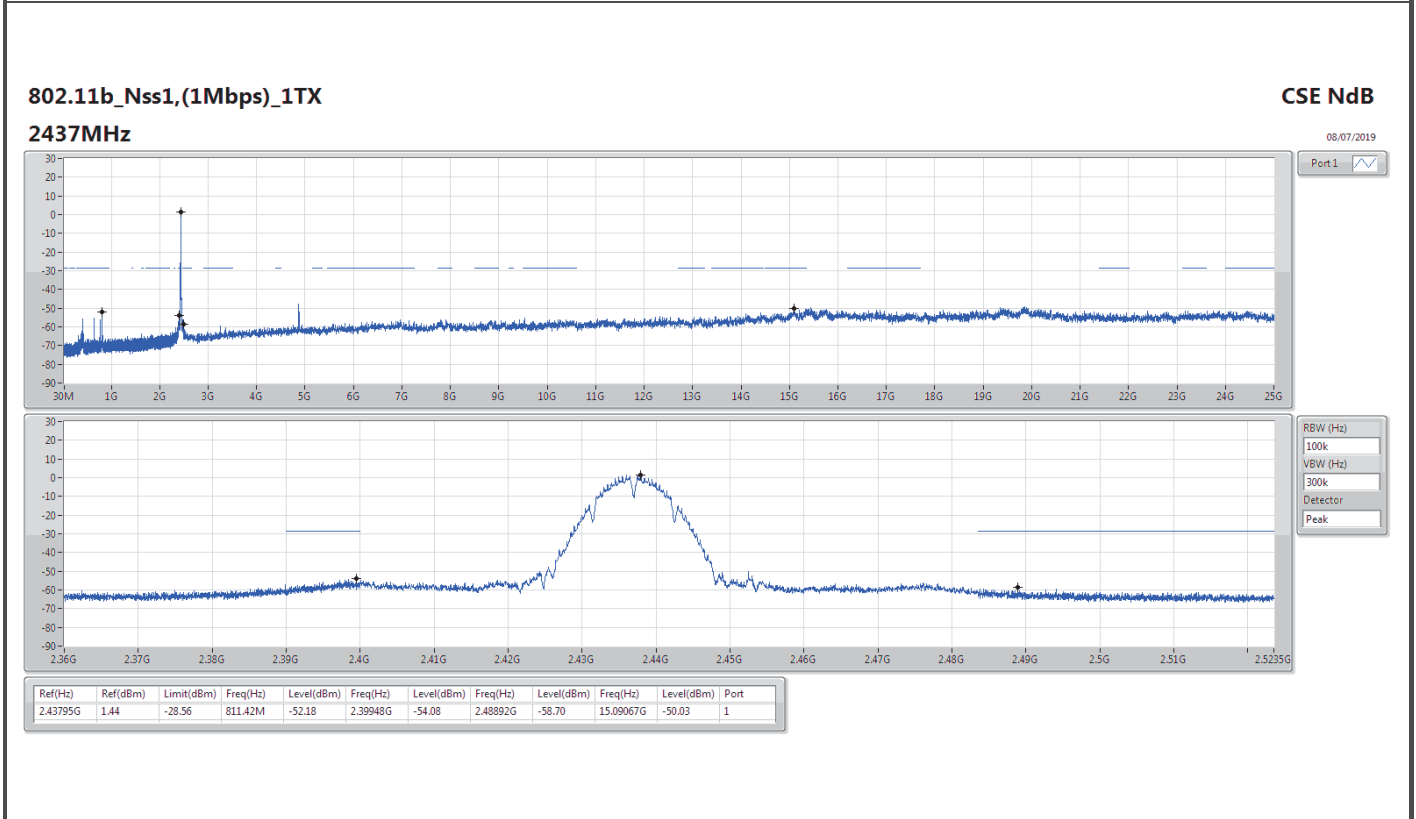
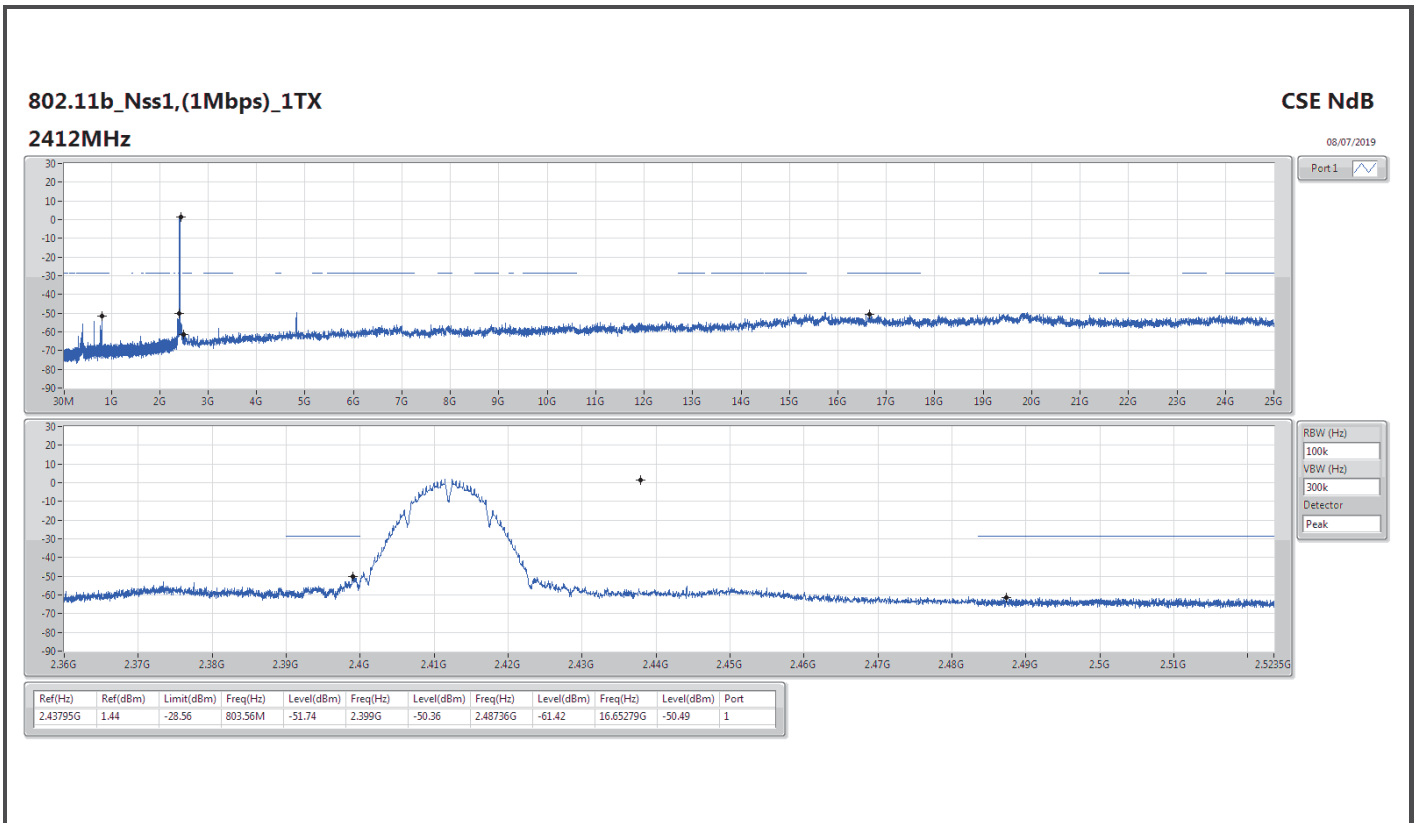
Summary

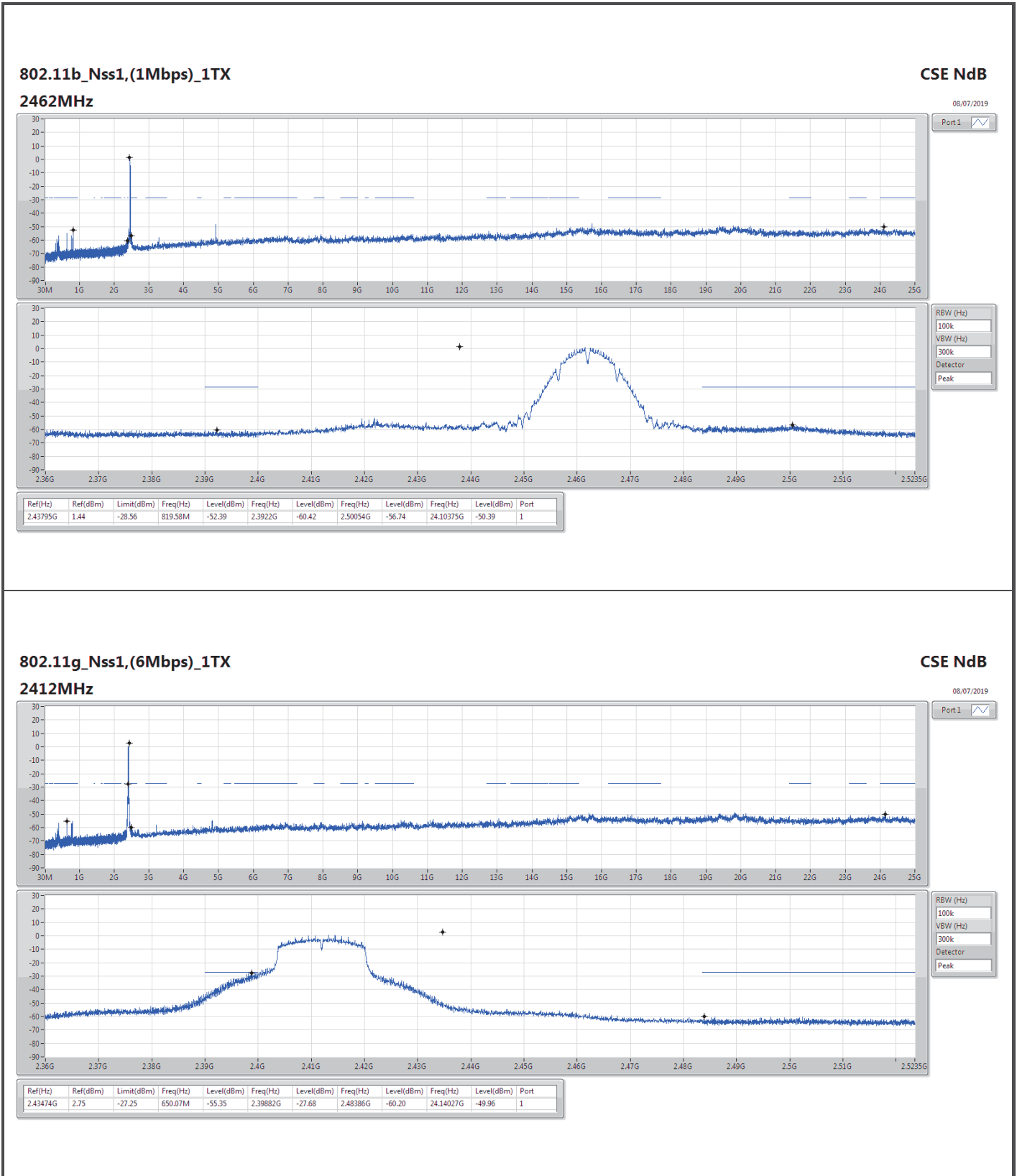
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43795G	1.44	-28.56	811.42M	-52.18	2.39948G	-54.08	2.48892G	-58.70	15.09067G	-50.03	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43474G	2.75	-27.25	650.07M	-55.35	2.39882G	-27.68	2.48386G	-60.20	24.14027G	-49.96	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4382G	4.84	-25.16	649.78M	-53.00	2.3997G	-26.12	2.49854G	-60.93	15.08786G	-50.37	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.44697G	0.54	-29.46	650.02M	-54.34	2.39568G	-32.61	2.48418G	-58.90	15.32987G	-49.81	1

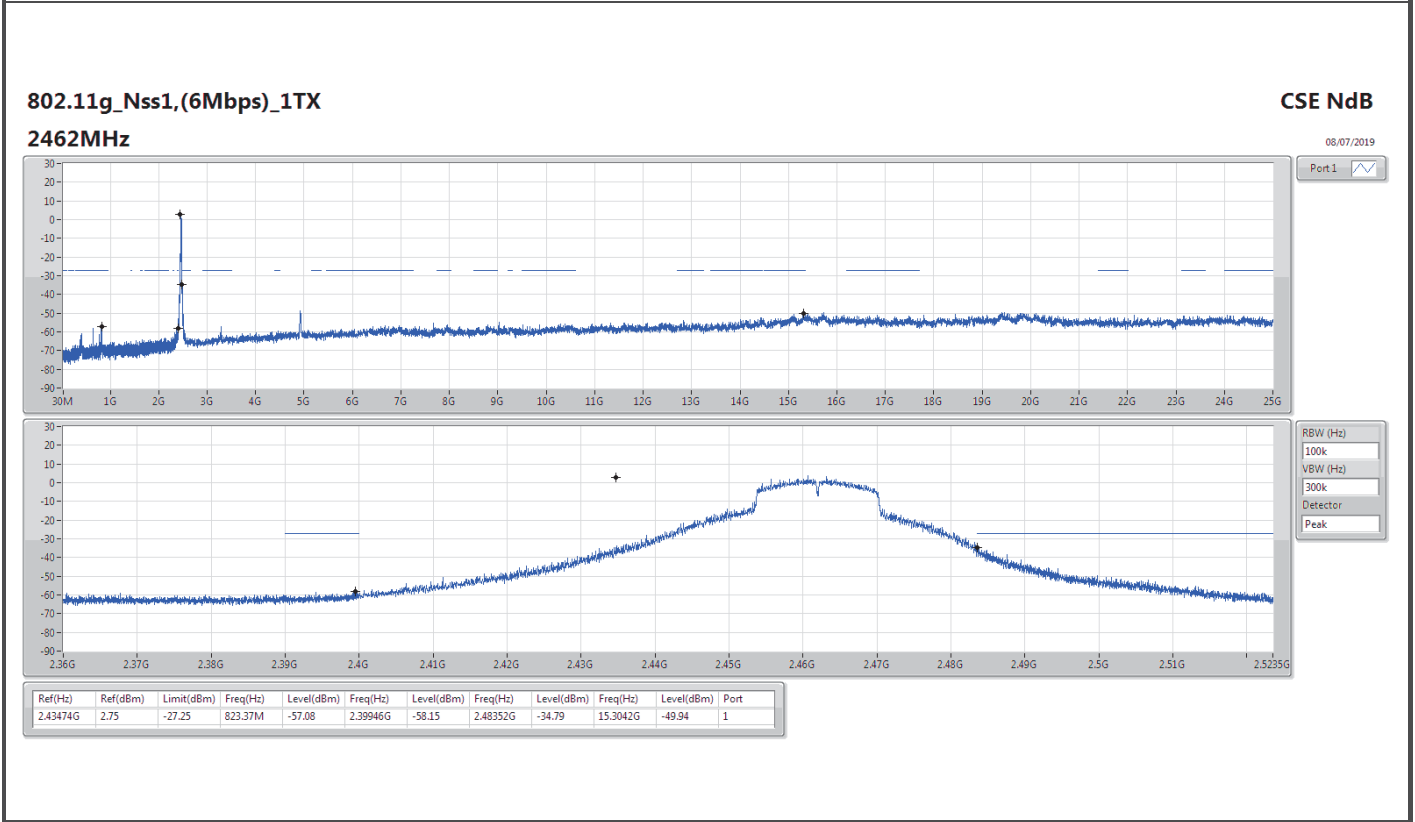
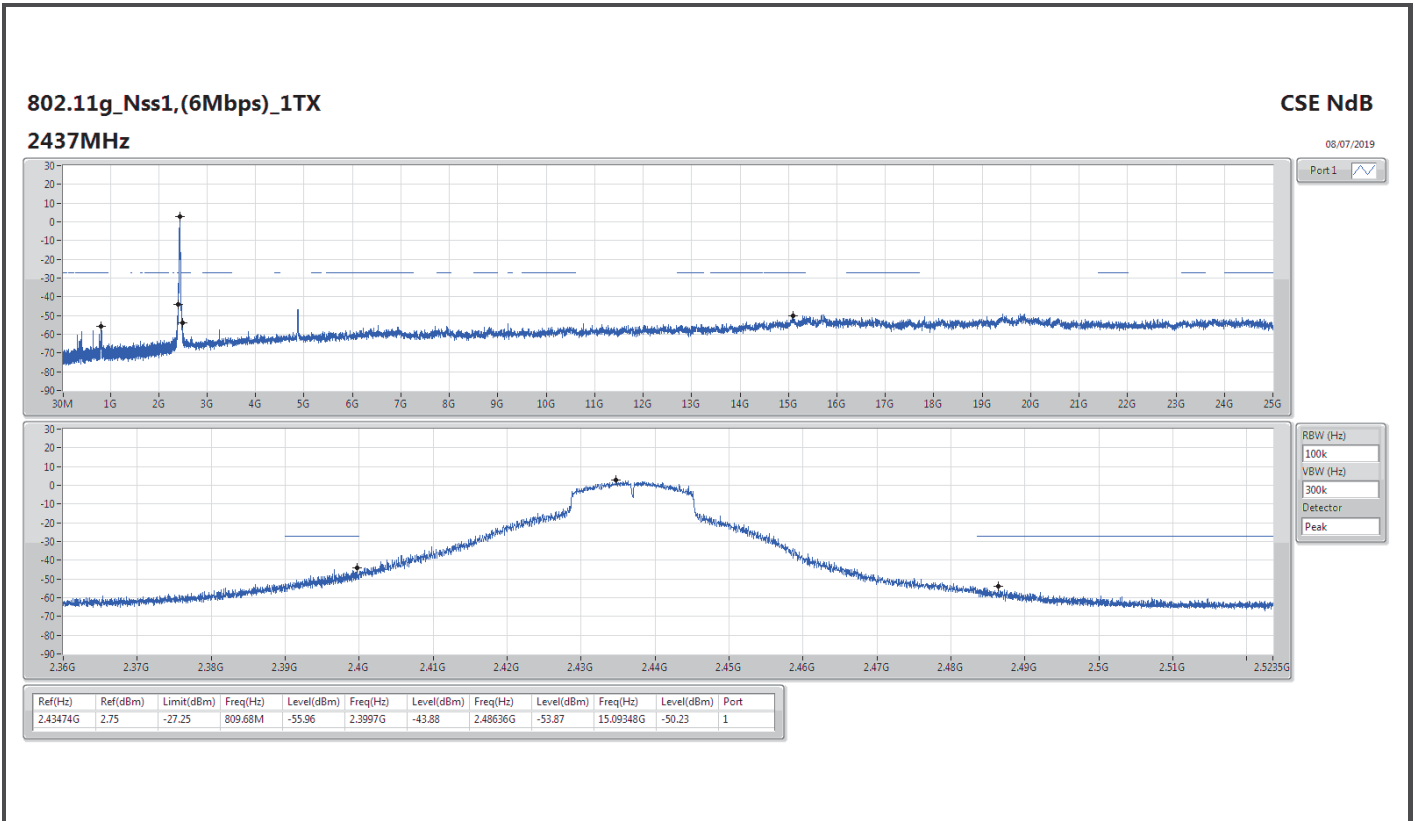


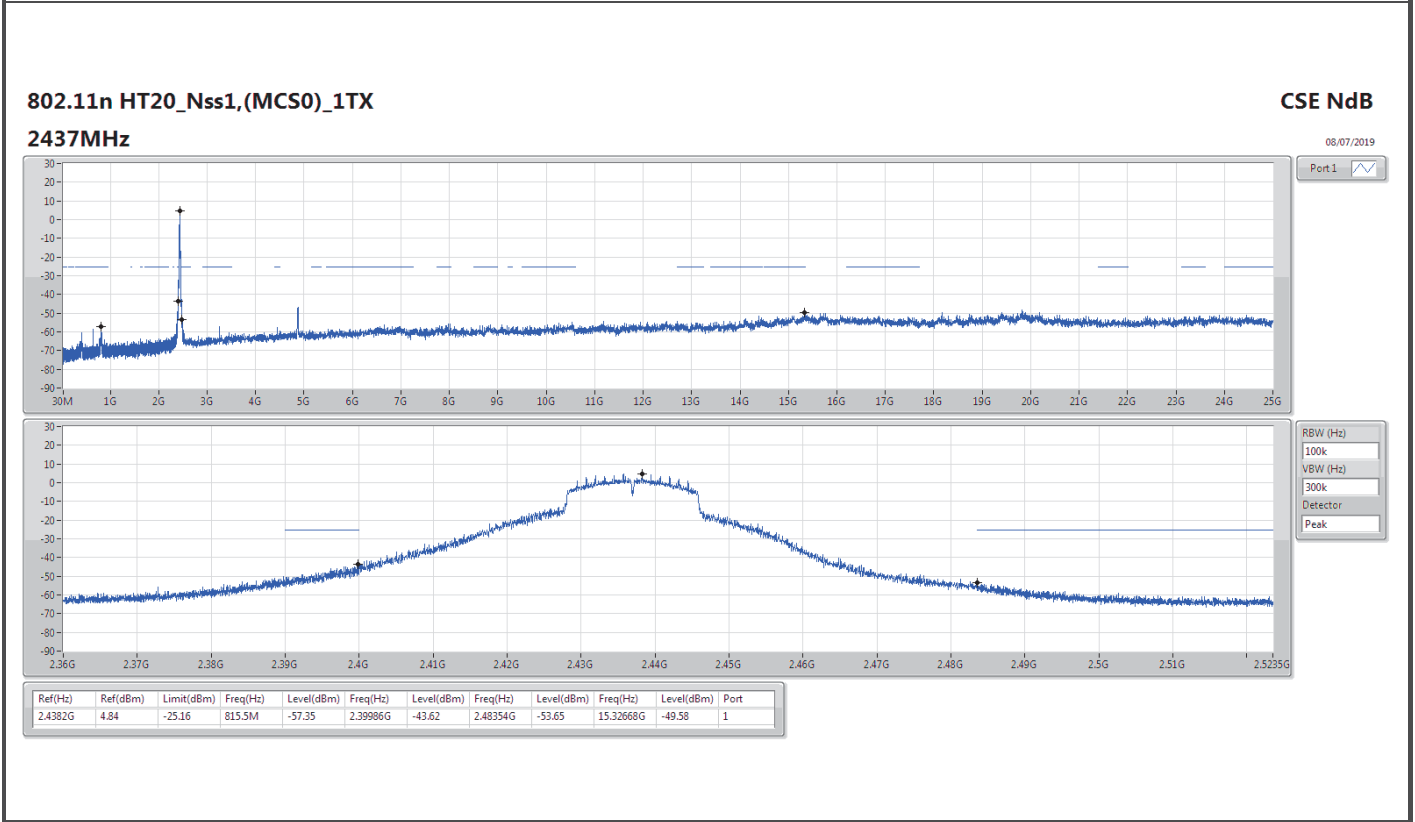
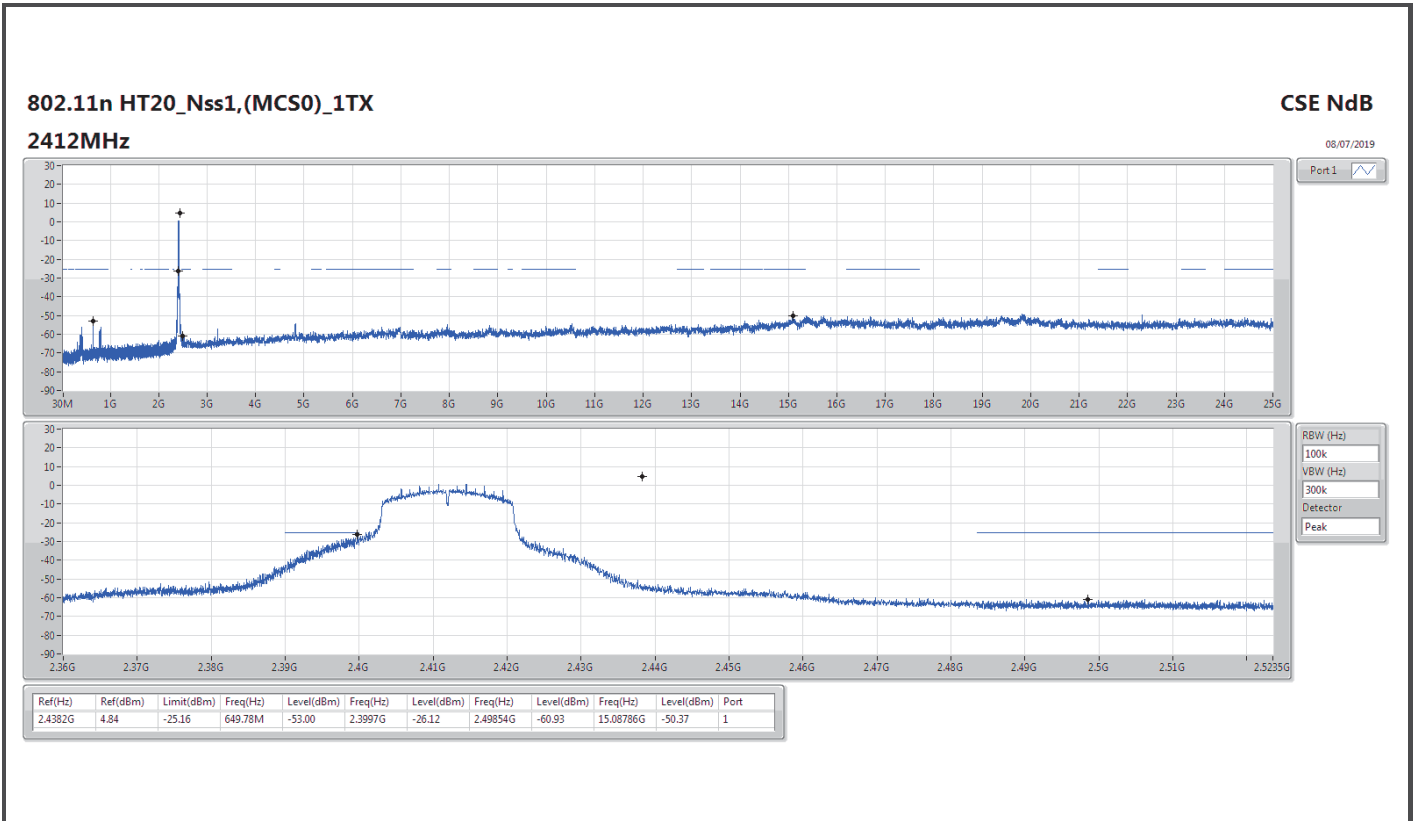
Result

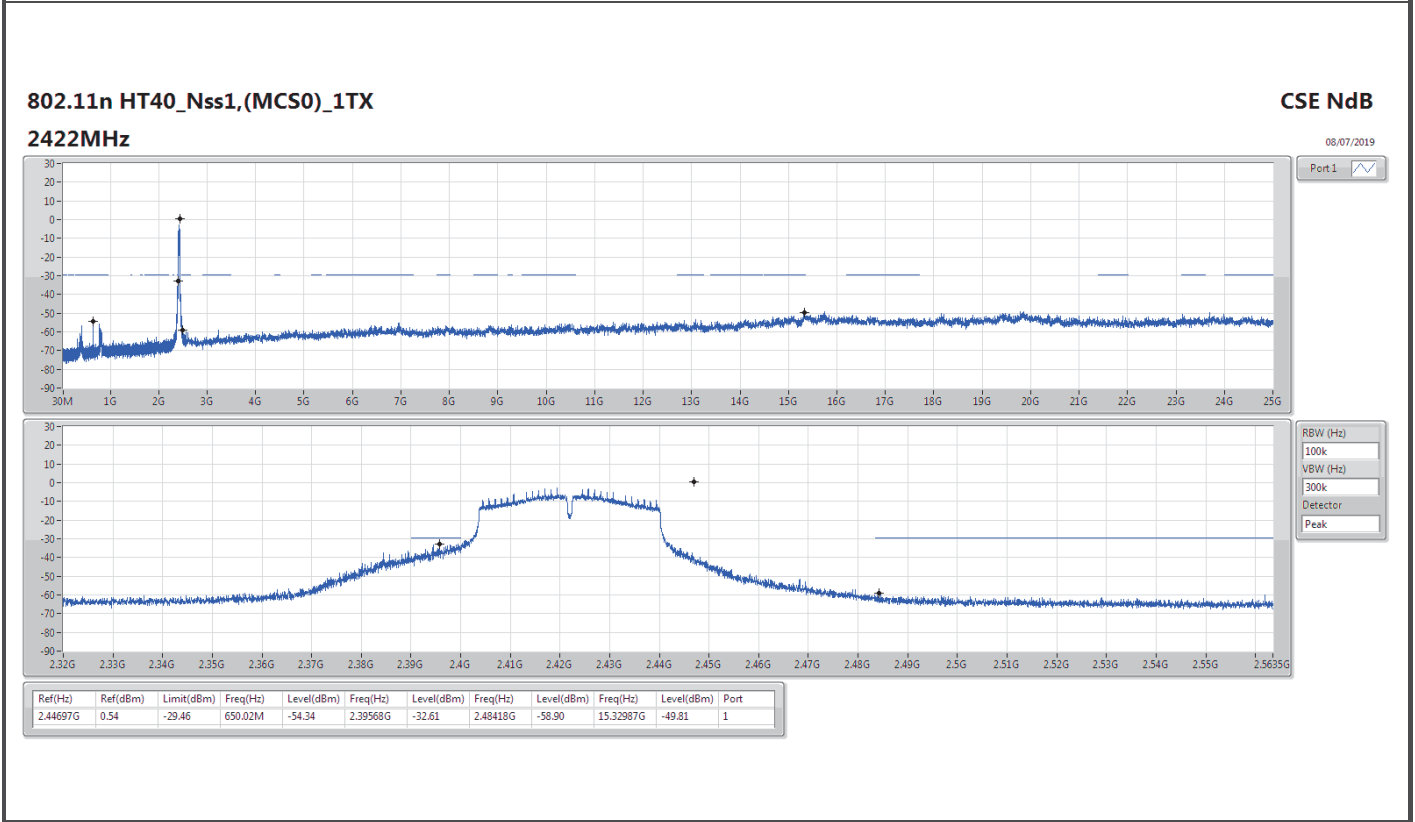
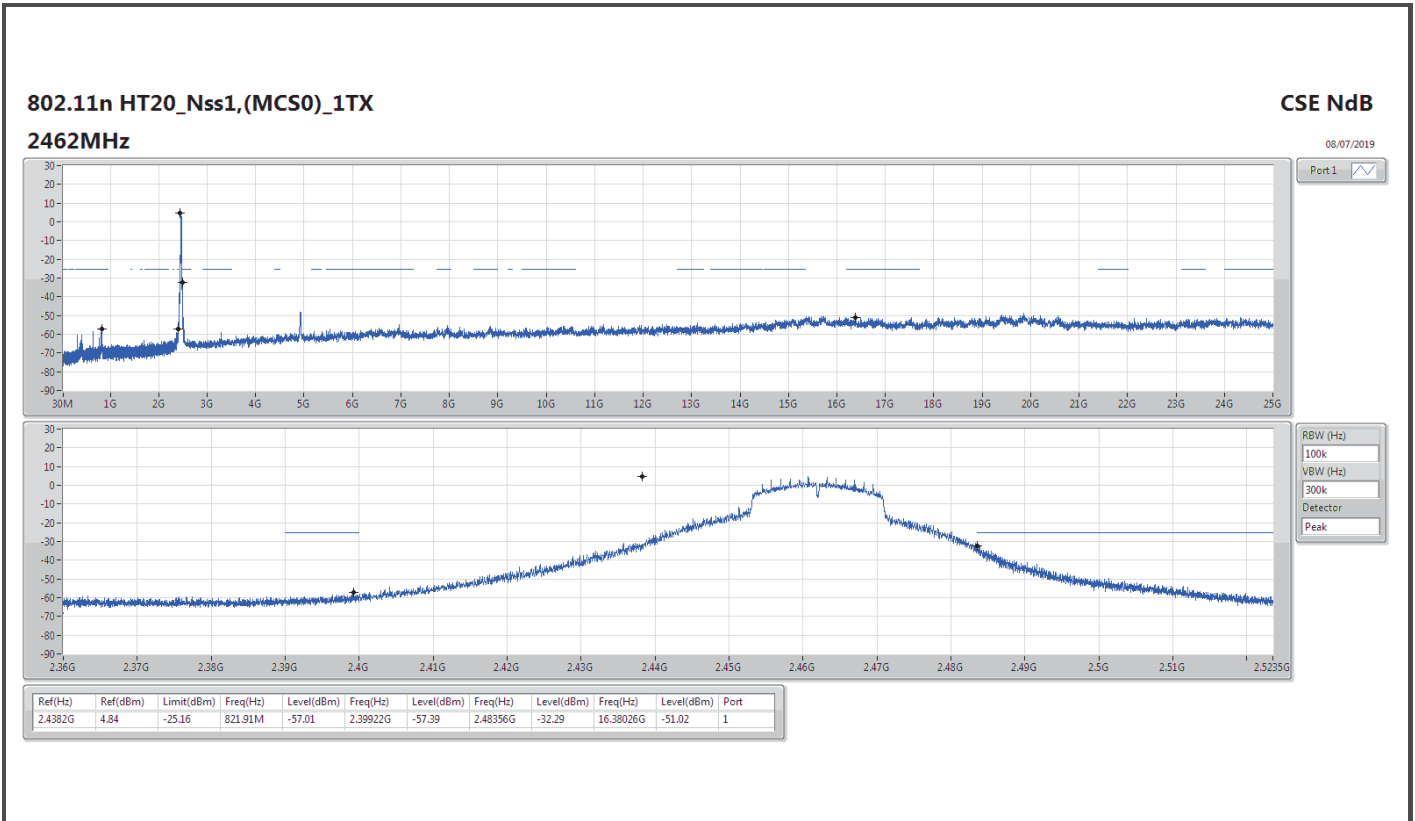
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43795G	1.44	-28.56	803.56M	-51.74	2.399G	-50.36	2.48736G	-61.42	16.65279G	-50.49	1
2437MHz	Pass	2.43795G	1.44	-28.56	811.42M	-52.18	2.39948G	-54.08	2.48892G	-58.70	15.09067G	-50.03	1
2462MHz	Pass	2.43795G	1.44	-28.56	819.58M	-52.39	2.3922G	-60.42	2.50054G	-56.74	24.10375G	-50.39	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43474G	2.75	-27.25	650.07M	-55.35	2.39882G	-27.68	2.48386G	-60.20	24.14027G	-49.96	1
2437MHz	Pass	2.43474G	2.75	-27.25	809.68M	-55.96	2.3997G	-43.88	2.48636G	-53.87	15.09348G	-50.23	1
2462MHz	Pass	2.43474G	2.75	-27.25	823.37M	-57.08	2.39946G	-58.15	2.48352G	-34.79	15.3042G	-49.94	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4382G	4.84	-25.16	649.78M	-53.00	2.3997G	-26.12	2.49854G	-60.93	15.08786G	-50.37	1
2437MHz	Pass	2.4382G	4.84	-25.16	815.5M	-57.35	2.39986G	-43.62	2.48354G	-53.65	15.32668G	-49.58	1
2462MHz	Pass	2.4382G	4.84	-25.16	821.91M	-57.01	2.39922G	-57.39	2.48356G	-32.29	16.38026G	-51.02	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44697G	0.54	-29.46	650.02M	-54.34	2.39568G	-32.61	2.48418G	-58.90	15.32987G	-49.81	1
2437MHz	Pass	2.44697G	0.54	-29.46	650.02M	-56.29	2.39944G	-33.00	2.48566G	-50.07	24.06889G	-50.52	1
2452MHz	Pass	2.44697G	0.54	-29.46	813.47M	-54.40	2.39448G	-41.16	2.48442G	-33.11	16.24416G	-50.39	1

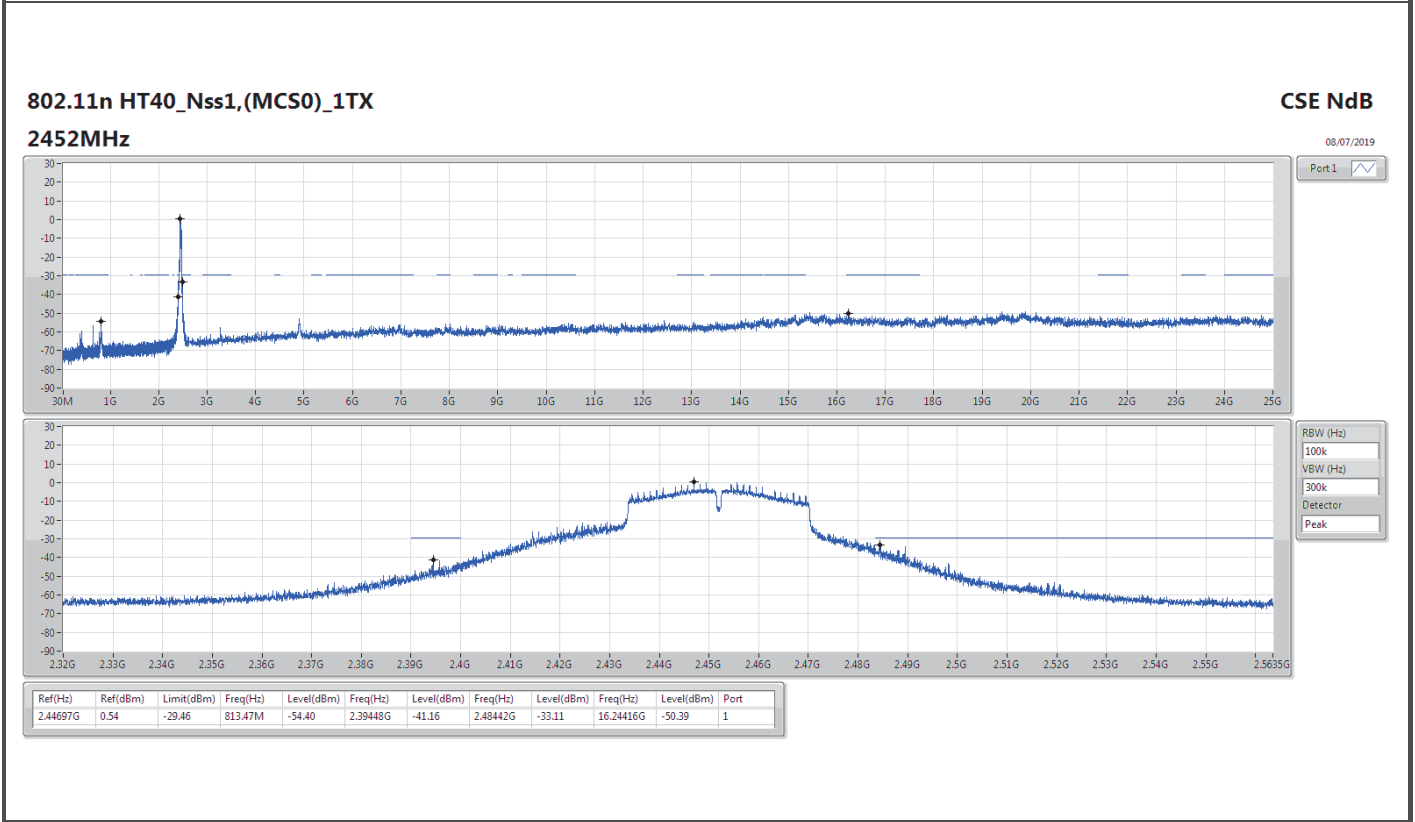
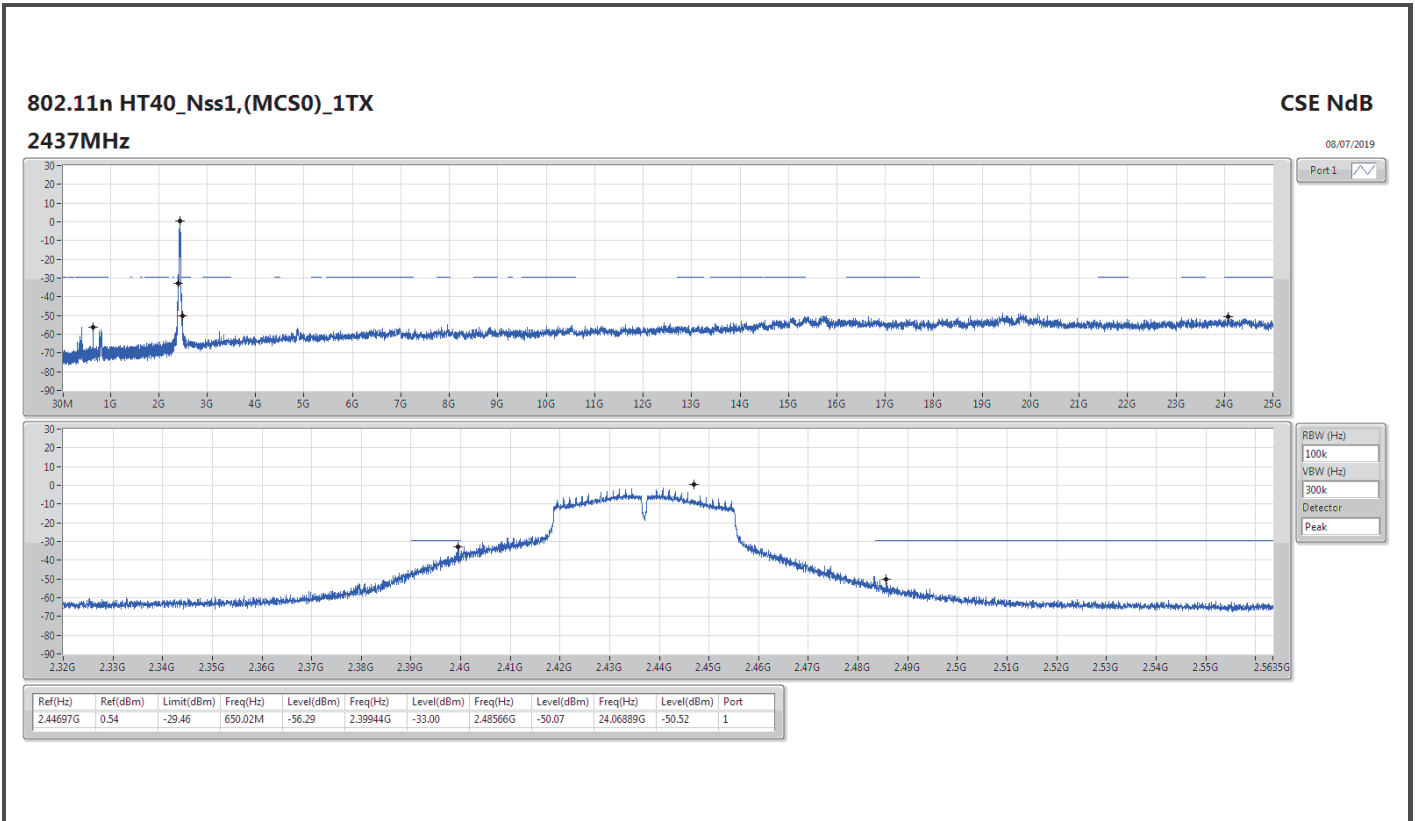














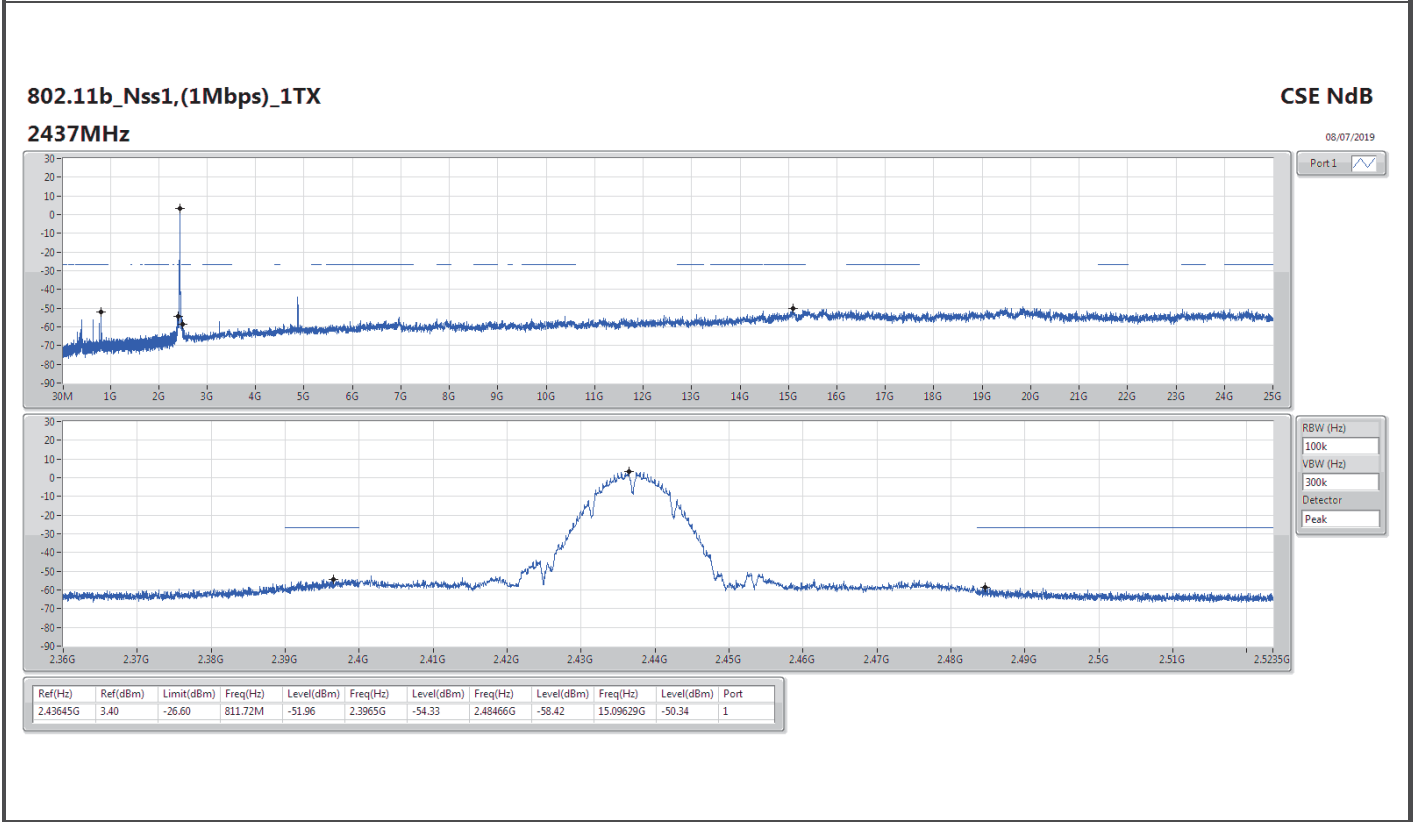
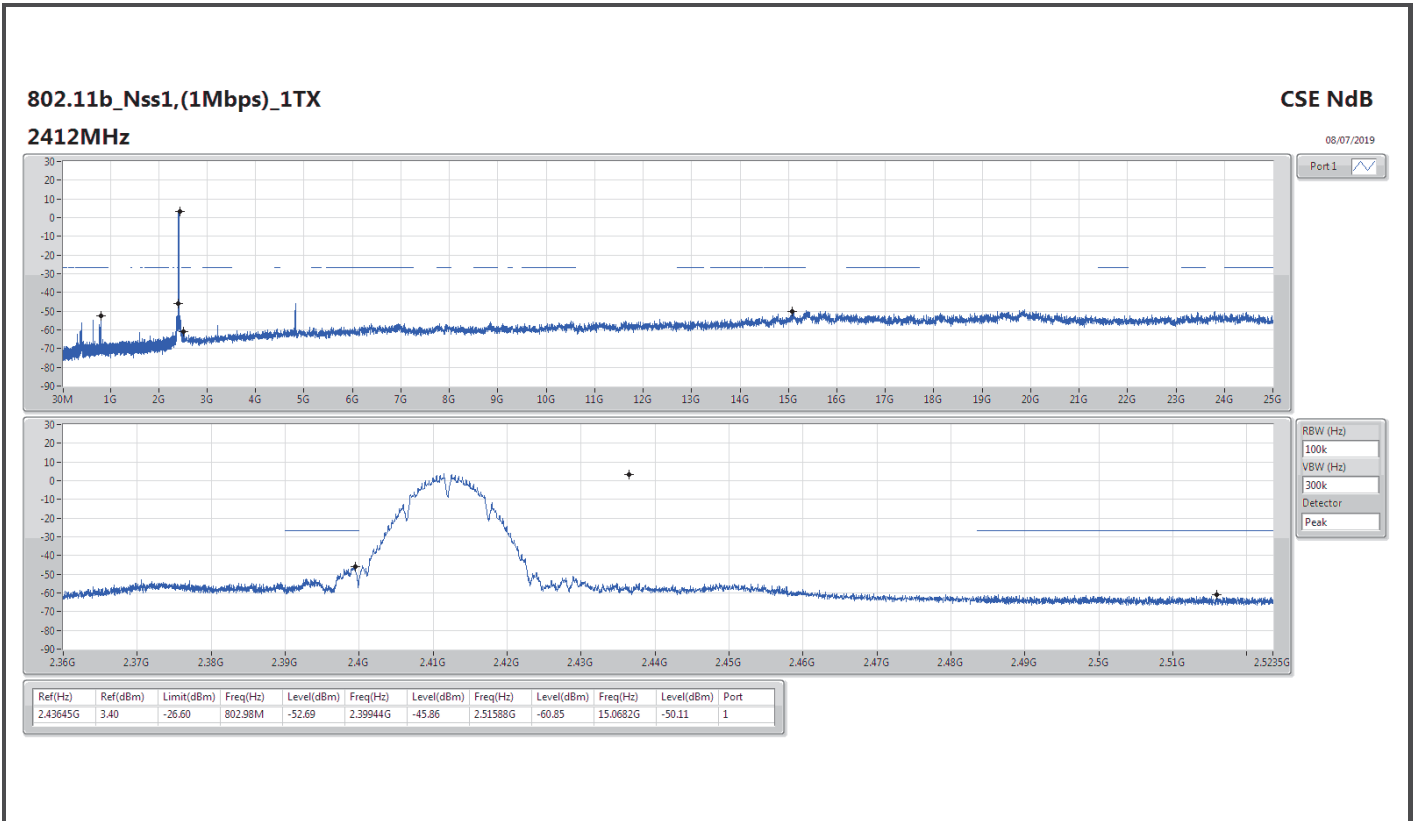
Summary

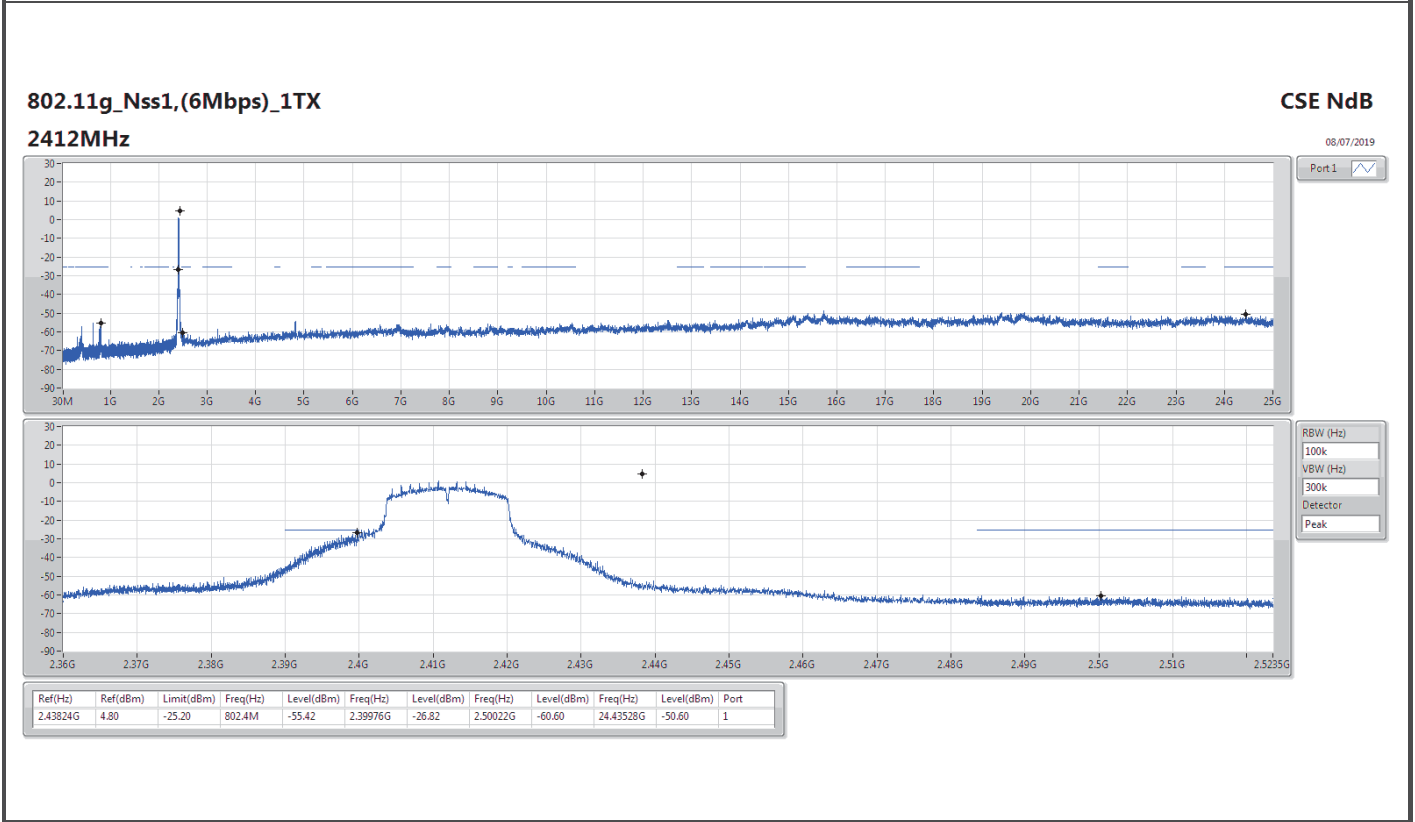
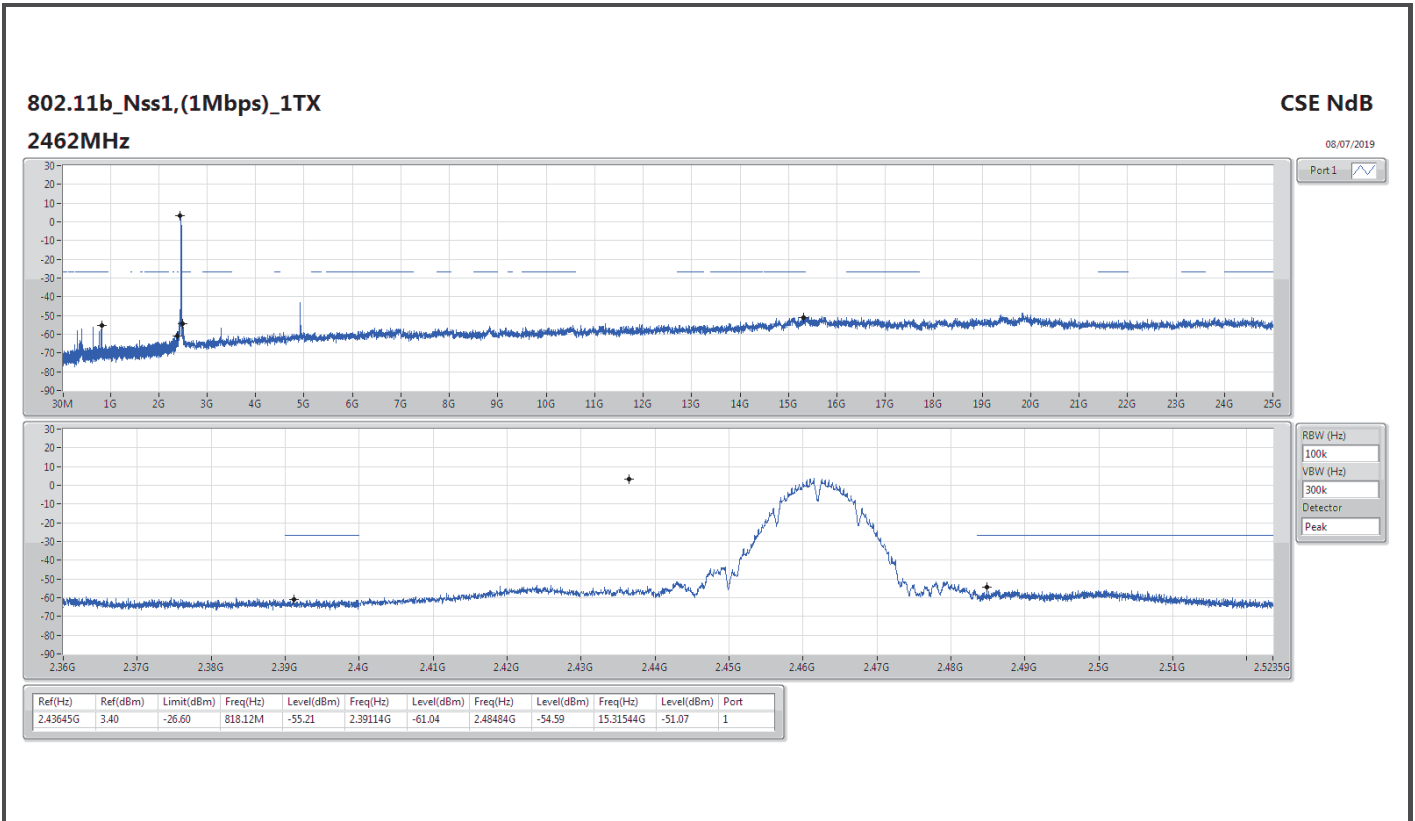
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43645G	3.40	-26.60	802.98M	-52.69	2.39944G	-45.86	2.51588G	-60.85	15.0682G	-50.11	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	4.80	-25.20	802.4M	-55.42	2.39976G	-26.82	2.50022G	-60.60	24.43528G	-50.60	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4357G	5.00	-25.00	650.07M	-55.04	2.39944G	-25.09	2.49196G	-59.58	24.44933G	-50.01	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.44947G	-0.26	-30.26	650.02M	-54.36	2.3998G	-31.42	2.4845G	-58.95	15.10831G	-50.49	1

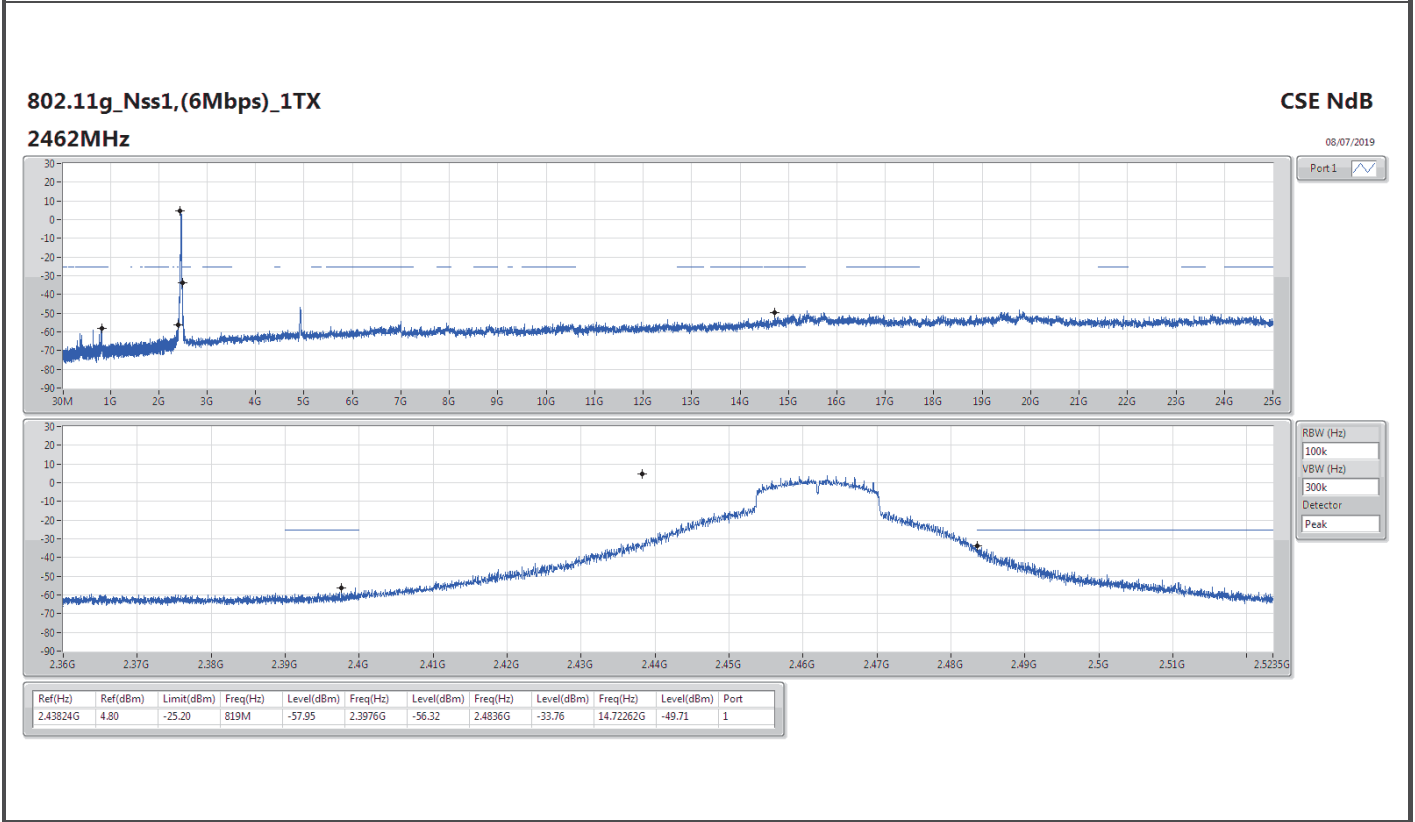
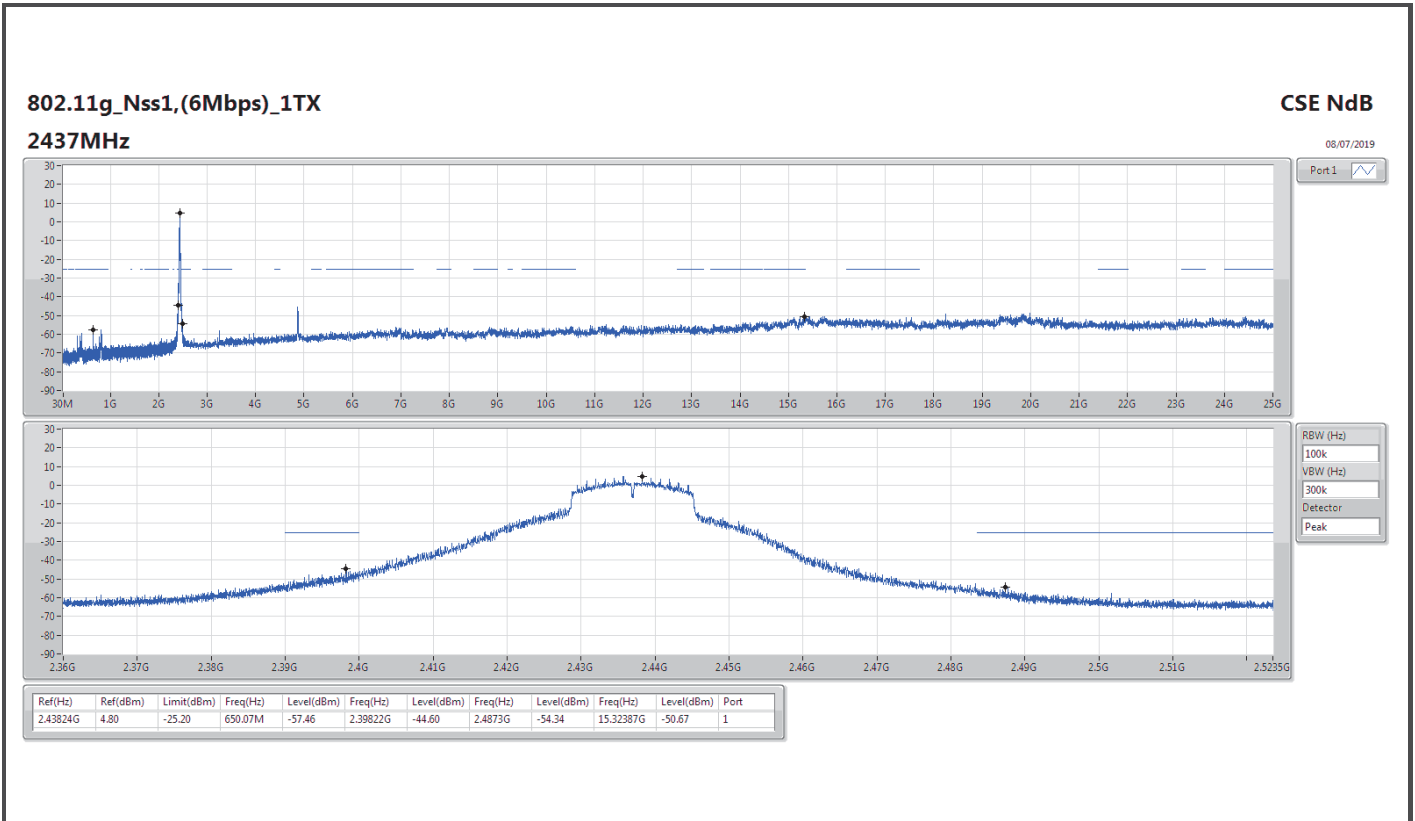


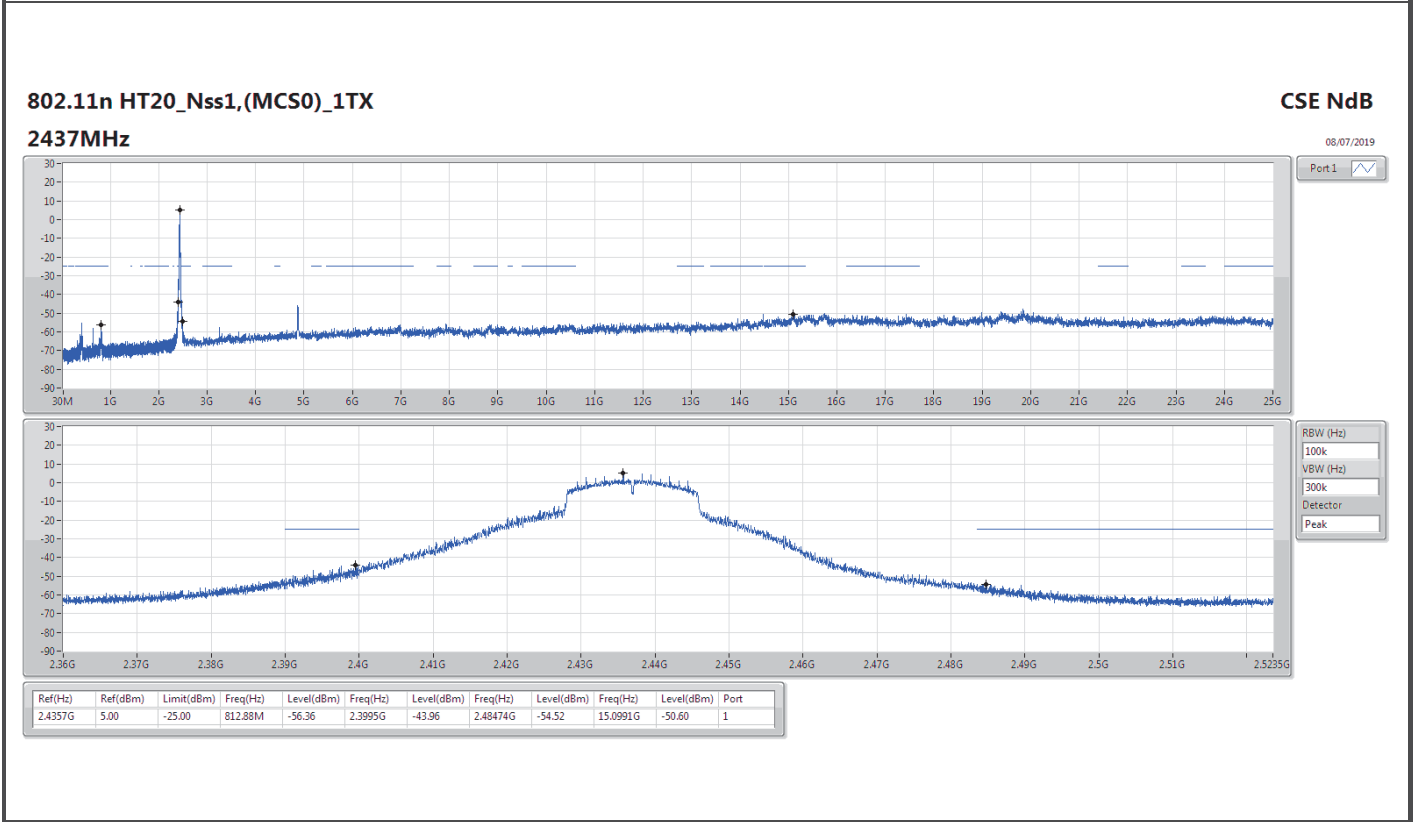
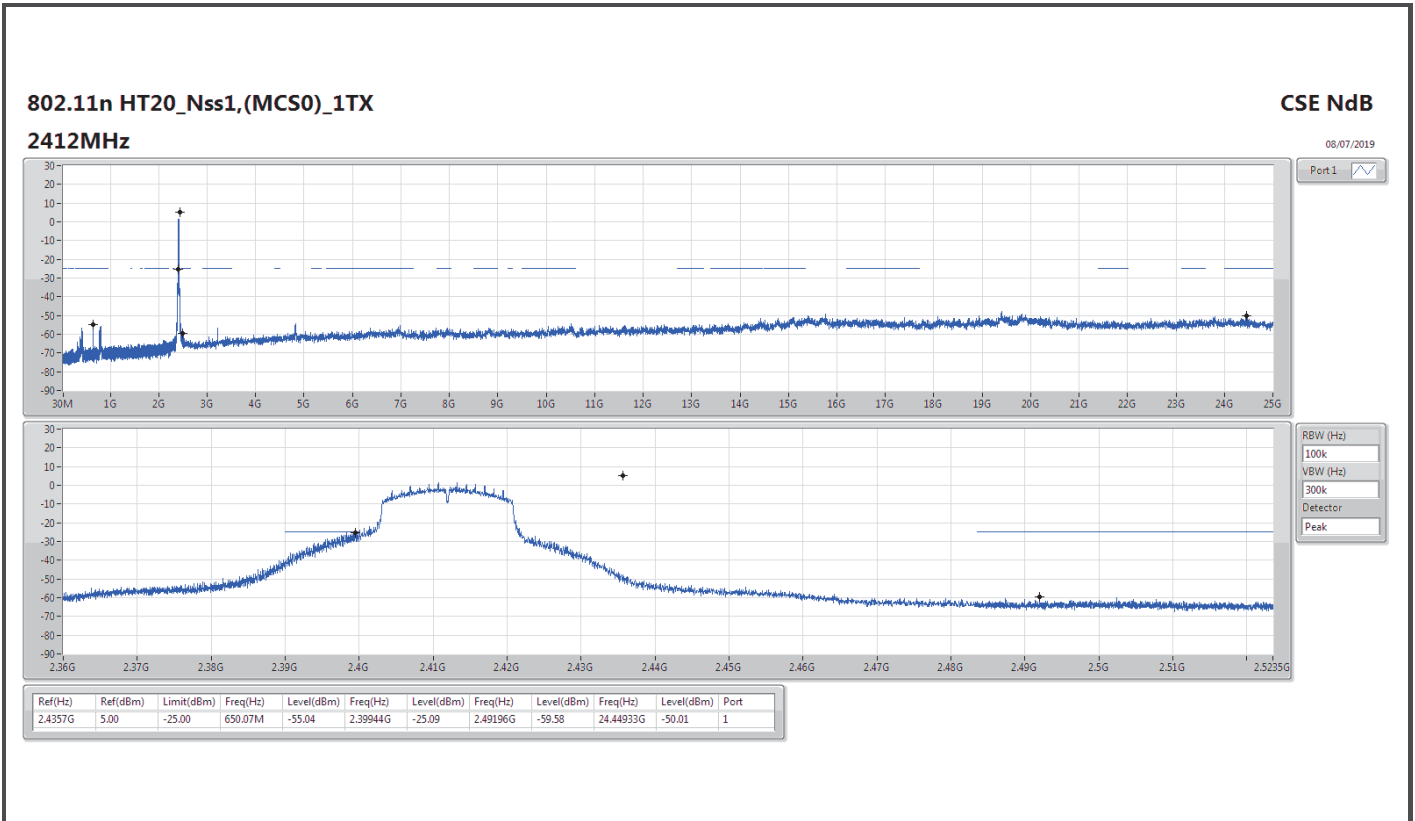
Result

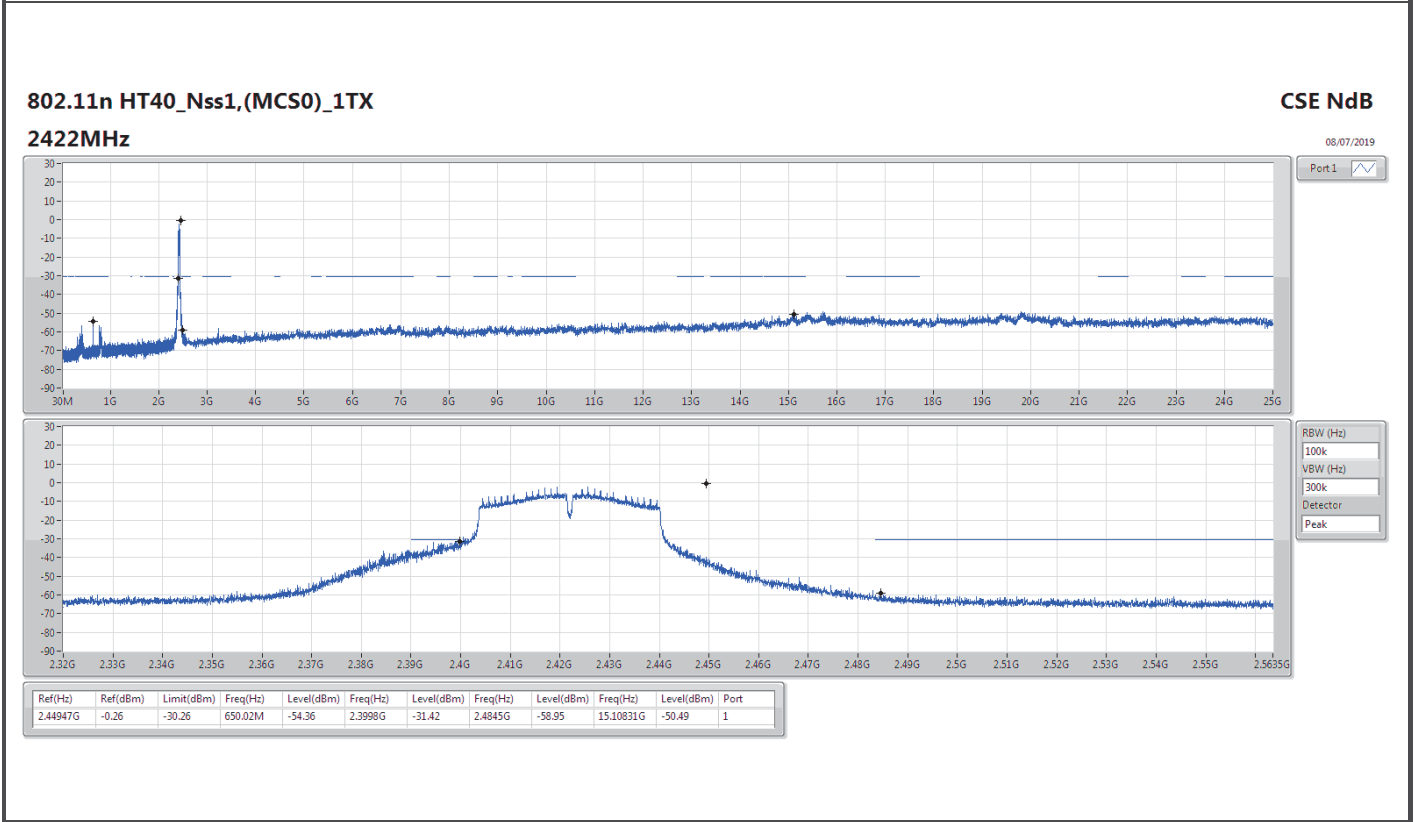
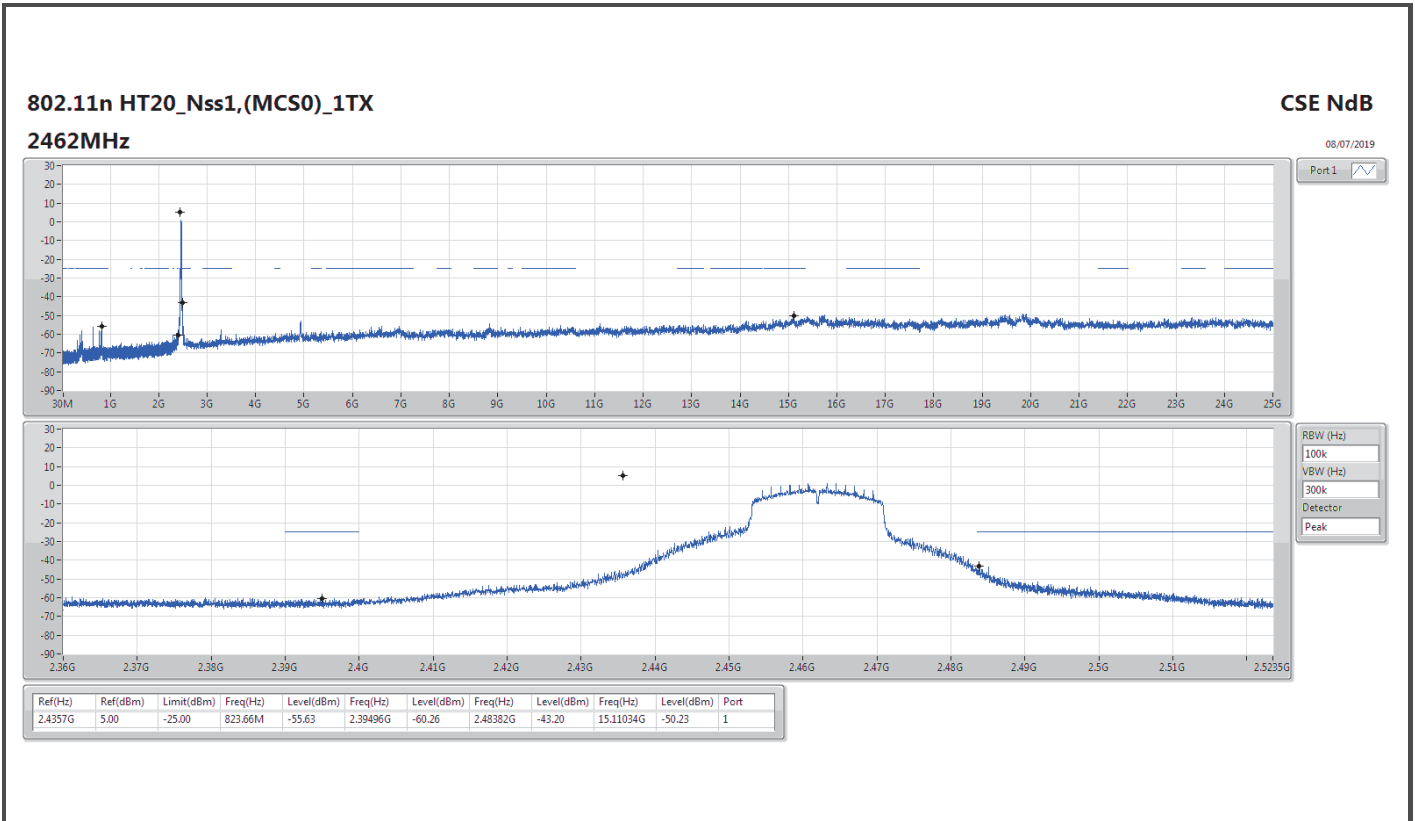
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43645G	3.40	-26.60	802.98M	-52.69	2.39944G	-45.86	2.51588G	-60.85	15.0682G	-50.11	1
2437MHz	Pass	2.43645G	3.40	-26.60	811.72M	-51.96	2.3965G	-54.33	2.48466G	-58.42	15.09629G	-50.34	1
2462MHz	Pass	2.43645G	3.40	-26.60	818.12M	-55.21	2.39114G	-61.04	2.48484G	-54.59	15.31544G	-51.07	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	4.80	-25.20	802.4M	-55.42	2.39976G	-26.82	2.50022G	-60.60	24.43528G	-50.60	1
2437MHz	Pass	2.43824G	4.80	-25.20	650.07M	-57.46	2.39822G	-44.60	2.4873G	-54.34	15.32387G	-50.67	1
2462MHz	Pass	2.43824G	4.80	-25.20	819M	-57.95	2.3976G	-56.32	2.4836G	-33.76	14.72262G	-49.71	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4357G	5.00	-25.00	650.07M	-55.04	2.39944G	-25.09	2.49196G	-59.58	24.44933G	-50.01	1
2437MHz	Pass	2.4357G	5.00	-25.00	812.88M	-56.36	2.3995G	-43.96	2.48474G	-54.52	15.0991G	-50.60	1
2462MHz	Pass	2.4357G	5.00	-25.00	823.66M	-55.63	2.39496G	-60.26	2.48382G	-43.20	15.11034G	-50.23	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44947G	-0.26	-30.26	650.02M	-54.36	2.3998G	-31.42	2.4845G	-58.95	15.10831G	-50.49	1
2437MHz	Pass	2.44947G	-0.26	-30.26	650.02M	-56.08	2.39952G	-31.84	2.4845G	-49.96	15.08587G	-49.31	1
2452MHz	Pass	2.44947G	-0.26	-30.26	650.02M	-56.55	2.39452G	-43.92	2.48418G	-36.75	15.08307G	-50.54	1

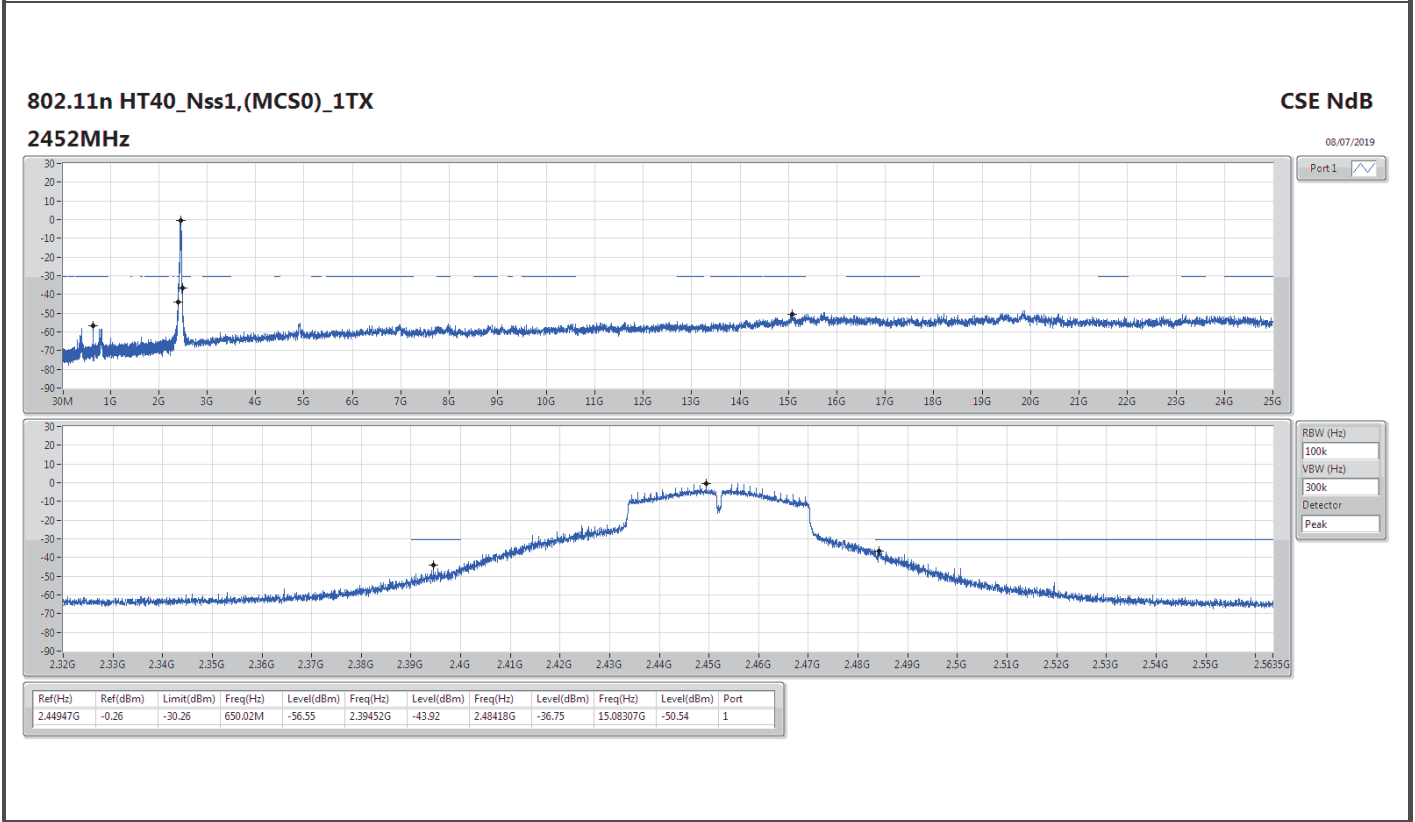
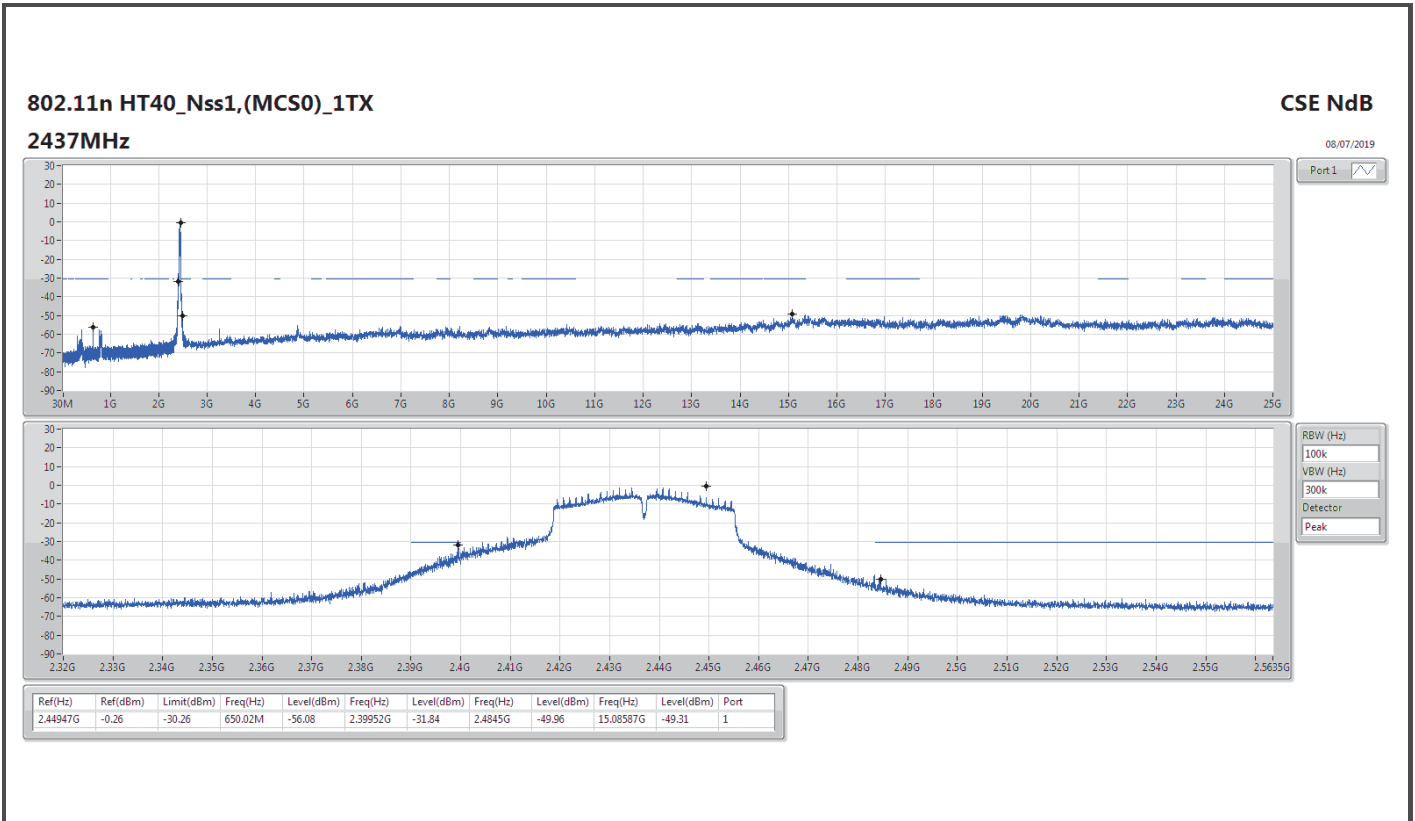














Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.92397G	53.95	54.00	-0.05	3.93	3	Vertical	214	1.51	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	4.92478G	53.88	54.00	-0.12	3.93	3	Vertical	161	1.94	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.39G	53.59	54.00	-0.41	32.09	3	Vertical	315	2.38	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.39G	53.72	54.00	-0.28	32.09	3	Vertical	312	1.67	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.385G	44.86	54.00	-9.14	32.07	3	Vertical	314	2.13	-
2412MHz	Pass	AV	2.4112G	92.94	Inf	-Inf	32.17	3	Vertical	314	2.13	-
2412MHz	Pass	PK	2.3834G	56.47	74.00	-17.53	32.06	3	Vertical	314	2.13	-
2412MHz	Pass	PK	2.411G	96.57	Inf	-Inf	32.17	3	Vertical	314	2.13	-
2412MHz	Pass	AV	2.378G	44.82	54.00	-9.18	32.03	3	Horizontal	51	1.20	-
2412MHz	Pass	AV	2.4112G	89.44	Inf	-Inf	32.17	3	Horizontal	51	1.20	-
2412MHz	Pass	PK	2.3708G	56.46	74.00	-17.54	32.01	3	Horizontal	51	1.20	-
2412MHz	Pass	PK	2.413G	93.05	Inf	-Inf	32.19	3	Horizontal	51	1.20	-
2412MHz	Pass	AV	4.82392G	53.64	54.00	-0.36	3.69	3	Vertical	220	1.53	-
2412MHz	Pass	PK	4.82394G	56.51	74.00	-17.49	3.69	3	Vertical	220	1.53	-
2412MHz	Pass	AV	4.82395G	49.98	54.00	-4.02	3.69	3	Horizontal	62	2.06	-
2412MHz	Pass	PK	4.82396G	52.96	74.00	-21.04	3.69	3	Horizontal	62	2.06	-
2437MHz	Pass	AV	2.3882G	44.81	54.00	-9.19	32.08	3	Vertical	326	1.46	-
2437MHz	Pass	AV	2.4362G	92.94	Inf	-Inf	32.28	3	Vertical	326	1.46	-
2437MHz	Pass	AV	2.4966G	45.28	54.00	-8.72	32.53	3	Vertical	326	1.46	-
2437MHz	Pass	PK	2.3378G	56.59	74.00	-17.41	31.87	3	Vertical	326	1.46	-
2437MHz	Pass	PK	2.4378G	96.81	Inf	-Inf	32.28	3	Vertical	326	1.46	-
2437MHz	Pass	PK	2.487G	56.47	74.00	-17.53	32.49	3	Vertical	326	1.46	-
2437MHz	Pass	AV	2.3854G	44.78	54.00	-9.22	32.07	3	Horizontal	263	2.15	-
2437MHz	Pass	AV	2.4362G	90.38	Inf	-Inf	32.28	3	Horizontal	263	2.15	-
2437MHz	Pass	AV	2.4874G	45.33	54.00	-8.67	32.49	3	Horizontal	263	2.15	-
2437MHz	Pass	PK	2.341G	56.63	74.00	-17.37	31.88	3	Horizontal	263	2.15	-
2437MHz	Pass	PK	2.4378G	94.15	Inf	-Inf	32.28	3	Horizontal	263	2.15	-
2437MHz	Pass	PK	2.4842G	56.54	74.00	-17.46	32.48	3	Horizontal	263	2.15	-
2437MHz	Pass	AV	4.87393G	53.11	54.00	-0.89	3.81	3	Vertical	221	1.58	-
2437MHz	Pass	PK	4.87391G	55.92	74.00	-18.08	3.81	3	Vertical	221	1.58	-
2437MHz	Pass	AV	4.87393G	49.01	54.00	-4.99	3.81	3	Horizontal	64	1.77	-
2437MHz	Pass	PK	4.8739G	52.34	74.00	-21.66	3.81	3	Horizontal	64	1.77	-
2462MHz	Pass	AV	2.4612G	92.18	Inf	-Inf	32.38	3	Vertical	28	1.68	-
2462MHz	Pass	AV	2.4996G	45.35	54.00	-8.65	32.55	3	Vertical	28	1.68	-
2462MHz	Pass	PK	2.463G	95.83	Inf	-Inf	32.39	3	Vertical	28	1.68	-
2462MHz	Pass	PK	2.484G	57.09	74.00	-16.91	32.48	3	Vertical	28	1.68	-
2462MHz	Pass	AV	2.4612G	91.03	Inf	-Inf	32.38	3	Horizontal	277	2.39	-
2462MHz	Pass	AV	2.487G	45.38	54.00	-8.62	32.49	3	Horizontal	277	2.39	-
2462MHz	Pass	PK	2.463G	94.70	Inf	-Inf	32.39	3	Horizontal	277	2.39	-
2462MHz	Pass	PK	2.4854G	56.38	74.00	-17.62	32.49	3	Horizontal	277	2.39	-
2462MHz	Pass	AV	4.92397G	53.95	54.00	-0.05	3.93	3	Vertical	214	1.51	-
2462MHz	Pass	PK	4.9239G	56.30	74.00	-17.70	3.93	3	Vertical	214	1.51	-
2462MHz	Pass	AV	4.92394G	49.55	54.00	-4.45	3.93	3	Horizontal	59	1.69	-
2462MHz	Pass	PK	4.92401G	52.75	74.00	-21.25	3.93	3	Horizontal	59	1.69	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	2.4136G	106.77	Inf	-Inf	32.19	3	Vertical	322	2.31	-
2412MHz	Pass	AV	2.4108G	96.36	Inf	-Inf	32.17	3	Vertical	322	2.31	-
2412MHz	Pass	PK	2.3898G	71.43	74.00	-2.57	32.09	3	Vertical	322	2.31	-
2412MHz	Pass	AV	2.39G	53.44	54.00	-0.56	32.09	3	Vertical	322	2.31	-
2412MHz	Pass	AV	2.39G	51.22	54.00	-2.78	32.09	3	Horizontal	77	2.26	-
2412MHz	Pass	AV	2.4108G	92.74	Inf	-Inf	32.17	3	Horizontal	77	2.26	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3898G	66.21	74.00	-7.79	32.09	3	Horizontal	77	2.26	-
2412MHz	Pass	PK	2.413G	103.05	Inf	-Inf	32.19	3	Horizontal	77	2.26	-
2412MHz	Pass	AV	4.8243G	53.13	54.00	-0.87	3.69	3	Vertical	213	1.54	-
2412MHz	Pass	PK	4.81968G	67.60	74.00	-6.40	3.69	3	Vertical	213	1.54	-
2412MHz	Pass	AV	4.82556G	49.50	54.00	-4.50	3.70	3	Horizontal	64	2.05	-
2412MHz	Pass	PK	4.8198G	63.77	74.00	-10.23	3.69	3	Horizontal	64	2.05	-
2417MHz	Pass	AV	2.39G	51.11	54.00	-2.89	32.09	3	Vertical	314	1.68	-
2417MHz	Pass	AV	2.4162G	96.78	Inf	-Inf	32.20	3	Vertical	314	1.68	-
2417MHz	Pass	PK	2.3884G	67.91	74.00	-6.09	32.09	3	Vertical	314	1.68	-
2417MHz	Pass	PK	2.4158G	107.12	Inf	-Inf	32.20	3	Vertical	314	1.68	-
2417MHz	Pass	AV	2.3898G	47.94	54.00	-6.06	32.09	3	Horizontal	76	1.43	-
2417MHz	Pass	AV	2.416G	92.92	Inf	-Inf	32.20	3	Horizontal	76	1.43	-
2417MHz	Pass	PK	2.39G	62.98	74.00	-11.02	32.09	3	Horizontal	76	1.43	-
2417MHz	Pass	PK	2.4158G	103.28	Inf	-Inf	32.20	3	Horizontal	76	1.43	-
2437MHz	Pass	AV	2.3894G	45.38	54.00	-8.62	32.09	3	Vertical	327	1.47	-
2437MHz	Pass	AV	2.4382G	95.42	Inf	-Inf	32.28	3	Vertical	327	1.47	-
2437MHz	Pass	AV	2.4842G	45.77	54.00	-8.23	32.48	3	Vertical	327	1.47	-
2437MHz	Pass	PK	2.3886G	56.83	74.00	-17.17	32.09	3	Vertical	327	1.47	-
2437MHz	Pass	PK	2.4358G	105.41	Inf	-Inf	32.28	3	Vertical	327	1.47	-
2437MHz	Pass	PK	2.4858G	57.11	74.00	-16.89	32.49	3	Vertical	327	1.47	-
2437MHz	Pass	AV	2.3854G	45.10	54.00	-8.90	32.07	3	Horizontal	259	1.92	-
2437MHz	Pass	AV	2.4378G	93.72	Inf	-Inf	32.28	3	Horizontal	259	1.92	-
2437MHz	Pass	AV	2.4858G	45.73	54.00	-8.27	32.49	3	Horizontal	259	1.92	-
2437MHz	Pass	PK	2.3846G	56.49	74.00	-17.51	32.06	3	Horizontal	259	1.92	-
2437MHz	Pass	PK	2.4398G	104.21	Inf	-Inf	32.30	3	Horizontal	259	1.92	-
2437MHz	Pass	PK	2.4942G	57.38	74.00	-16.62	32.52	3	Horizontal	259	1.92	-
2437MHz	Pass	AV	4.87472G	53.72	54.00	-0.28	3.81	3	Vertical	220	1.50	-
2437MHz	Pass	PK	4.86974G	67.75	74.00	-6.25	3.81	3	Vertical	220	1.50	-
2437MHz	Pass	AV	4.87352G	49.39	54.00	-4.61	3.81	3	Horizontal	59	1.98	-
2437MHz	Pass	PK	4.87484G	63.87	74.00	-10.13	3.81	3	Horizontal	59	1.98	-
2462MHz	Pass	AV	2.4634G	93.72	Inf	-Inf	32.39	3	Vertical	27	1.68	-
2462MHz	Pass	AV	2.4835G	50.56	54.00	-3.44	32.48	3	Vertical	27	1.68	-
2462MHz	Pass	PK	2.4634G	104.15	Inf	-Inf	32.39	3	Vertical	27	1.68	-
2462MHz	Pass	PK	2.485G	67.06	74.00	-6.94	32.48	3	Vertical	27	1.68	-
2462MHz	Pass	AV	2.4612G	87.58	Inf	-Inf	32.38	3	Horizontal	159	1.74	-
2462MHz	Pass	AV	2.4835G	48.06	54.00	-5.94	32.48	3	Horizontal	159	1.74	-
2462MHz	Pass	PK	2.463G	97.60	Inf	-Inf	32.39	3	Horizontal	159	1.74	-
2462MHz	Pass	PK	2.4835G	62.39	74.00	-11.61	32.48	3	Horizontal	159	1.74	-
2462MHz	Pass	AV	4.92478G	53.88	54.00	-0.12	3.93	3	Vertical	161	1.94	-
2462MHz	Pass	PK	4.92502G	68.28	74.00	-5.72	3.94	3	Vertical	161	1.94	-
2462MHz	Pass	AV	4.92406G	48.50	54.00	-5.50	3.93	3	Horizontal	60	2.27	-
2462MHz	Pass	PK	4.92502G	62.89	74.00	-11.11	3.94	3	Horizontal	60	2.27	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.59	54.00	-0.41	32.09	3	Vertical	315	2.38	-
2412MHz	Pass	AV	2.4108G	94.57	Inf	-Inf	32.17	3	Vertical	315	2.38	-
2412MHz	Pass	PK	2.3898G	70.66	74.00	-3.34	32.09	3	Vertical	315	2.38	-
2412MHz	Pass	PK	2.411G	104.94	Inf	-Inf	32.17	3	Vertical	315	2.38	-
2412MHz	Pass	AV	2.39G	49.08	54.00	-4.92	32.09	3	Horizontal	60	1.42	-
2412MHz	Pass	AV	2.4102G	90.47	Inf	-Inf	32.17	3	Horizontal	60	1.42	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.39G	64.53	74.00	-9.47	32.09	3	Horizontal	60	1.42	-
2412MHz	Pass	PK	2.4154G	100.86	Inf	-Inf	32.20	3	Horizontal	60	1.42	-
2412MHz	Pass	AV	4.82448G	51.59	54.00	-2.41	3.69	3	Vertical	218	1.48	-
2412MHz	Pass	PK	4.82574G	65.27	74.00	-8.73	3.70	3	Vertical	218	1.48	-
2412MHz	Pass	AV	4.82358G	48.03	54.00	-5.97	3.69	3	Horizontal	58	1.90	-
2412MHz	Pass	PK	4.82454G	62.65	74.00	-11.35	3.69	3	Horizontal	58	1.90	-
2417MHz	Pass	AV	2.39G	51.80	54.00	-2.20	32.09	3	Vertical	315	1.67	-
2417MHz	Pass	AV	2.416G	96.64	Inf	-Inf	32.20	3	Vertical	315	1.67	-
2417MHz	Pass	PK	2.3882G	68.35	74.00	-5.65	32.08	3	Vertical	315	1.67	-
2417MHz	Pass	PK	2.4136G	106.50	Inf	-Inf	32.19	3	Vertical	315	1.67	-
2417MHz	Pass	AV	2.39G	48.49	54.00	-5.51	32.09	3	Horizontal	62	1.44	-
2417MHz	Pass	AV	2.4162G	92.73	Inf	-Inf	32.20	3	Horizontal	62	1.44	-
2417MHz	Pass	PK	2.3884G	64.49	74.00	-9.51	32.09	3	Horizontal	62	1.44	-
2417MHz	Pass	PK	2.417G	103.09	Inf	-Inf	32.20	3	Horizontal	62	1.44	-
2437MHz	Pass	AV	2.3898G	45.30	54.00	-8.70	32.09	3	Vertical	327	1.50	-
2437MHz	Pass	AV	2.4358G	95.24	Inf	-Inf	32.28	3	Vertical	327	1.50	-
2437MHz	Pass	AV	2.4838G	45.85	54.00	-8.15	32.48	3	Vertical	327	1.50	-
2437MHz	Pass	PK	2.3706G	56.85	74.00	-17.15	32.01	3	Vertical	327	1.50	-
2437MHz	Pass	PK	2.4394G	105.99	Inf	-Inf	32.30	3	Vertical	327	1.50	-
2437MHz	Pass	PK	2.4946G	56.78	74.00	-17.22	32.52	3	Vertical	327	1.50	-
2437MHz	Pass	AV	2.3894G	45.15	54.00	-8.85	32.09	3	Horizontal	66	1.03	-
2437MHz	Pass	AV	2.4382G	92.11	Inf	-Inf	32.28	3	Horizontal	66	1.03	-
2437MHz	Pass	AV	2.4902G	45.63	54.00	-8.37	32.51	3	Horizontal	66	1.03	-
2437MHz	Pass	PK	2.365G	57.64	74.00	-16.36	31.98	3	Horizontal	66	1.03	-
2437MHz	Pass	PK	2.439G	102.24	Inf	-Inf	32.30	3	Horizontal	66	1.03	-
2437MHz	Pass	PK	2.4882G	56.60	74.00	-17.40	32.49	3	Horizontal	66	1.03	-
2437MHz	Pass	AV	4.87388G	53.50	54.00	-0.50	3.81	3	Vertical	218	1.50	-
2437MHz	Pass	PK	4.87466G	67.93	74.00	-6.07	3.81	3	Vertical	218	1.50	-
2437MHz	Pass	AV	4.87502G	48.99	54.00	-5.01	3.82	3	Horizontal	63	1.77	-
2437MHz	Pass	PK	4.87208G	63.24	74.00	-10.76	3.81	3	Horizontal	63	1.77	-
2462MHz	Pass	AV	2.4608G	93.67	Inf	-Inf	32.38	3	Vertical	29	1.95	-
2462MHz	Pass	AV	2.4835G	51.93	54.00	-2.07	32.48	3	Vertical	29	1.95	-
2462MHz	Pass	PK	2.4604G	104.34	Inf	-Inf	32.38	3	Vertical	29	1.95	-
2462MHz	Pass	PK	2.4835G	67.71	74.00	-6.29	32.48	3	Vertical	29	1.95	-
2462MHz	Pass	AV	2.4634G	93.40	Inf	-Inf	32.39	3	Horizontal	260	2.10	-
2462MHz	Pass	AV	2.4835G	51.66	54.00	-2.34	32.48	3	Horizontal	260	2.10	-
2462MHz	Pass	PK	2.4612G	104.36	Inf	-Inf	32.38	3	Horizontal	260	2.10	-
2462MHz	Pass	PK	2.4842G	66.69	74.00	-7.31	32.48	3	Horizontal	260	2.10	-
2462MHz	Pass	AV	4.92286G	53.49	54.00	-0.51	3.93	3	Vertical	163	1.98	-
2462MHz	Pass	PK	4.92226G	68.48	74.00	-5.52	3.93	3	Vertical	163	1.98	-
2462MHz	Pass	AV	4.92388G	47.99	54.00	-6.01	3.93	3	Horizontal	59	1.68	-
2462MHz	Pass	PK	4.92226G	62.66	74.00	-11.34	3.93	3	Horizontal	59	1.68	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.72	54.00	-0.28	32.09	3	Vertical	312	1.67	-
2422MHz	Pass	AV	2.4204G	89.56	Inf	-Inf	32.21	3	Vertical	312	1.67	-
2422MHz	Pass	AV	2.486G	45.99	54.00	-8.01	32.49	3	Vertical	312	1.67	-
2422MHz	Pass	PK	2.3848G	67.33	74.00	-6.67	32.06	3	Vertical	312	1.67	-
2422MHz	Pass	PK	2.416G	99.60	Inf	-Inf	32.20	3	Vertical	312	1.67	-
2422MHz	Pass	PK	2.4948G	56.69	74.00	-17.31	32.52	3	Vertical	312	1.67	-

Remark :

Page No. : F4 of F62

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.3896G	51.10	54.00	-2.90	32.09	3	Horizontal	64	1.02	-
2422MHz	Pass	AV	2.4244G	86.65	Inf	-Inf	32.23	3	Horizontal	64	1.02	-
2422MHz	Pass	AV	2.498G	46.10	54.00	-7.90	32.53	3	Horizontal	64	1.02	-
2422MHz	Pass	PK	2.3896G	63.43	74.00	-10.57	32.09	3	Horizontal	64	1.02	-
2422MHz	Pass	PK	2.4268G	96.49	Inf	-Inf	32.24	3	Horizontal	64	1.02	-
2422MHz	Pass	PK	2.4964G	56.51	74.00	-17.49	32.53	3	Horizontal	64	1.02	-
2422MHz	Pass	AV	4.8418G	45.10	54.00	-8.90	3.74	3	Vertical	215	1.49	-
2422MHz	Pass	PK	4.8402G	58.52	74.00	-15.48	3.73	3	Vertical	215	1.49	-
2422MHz	Pass	AV	4.8462G	40.54	54.00	-13.46	3.74	3	Horizontal	56	1.67	-
2422MHz	Pass	PK	4.845G	54.45	74.00	-19.55	3.74	3	Horizontal	56	1.67	-
2427MHz	Pass	AV	2.3894G	53.37	54.00	-0.63	32.09	3	Vertical	312	1.62	-
2427MHz	Pass	AV	2.4254G	90.80	Inf	-Inf	32.24	3	Vertical	312	1.62	-
2427MHz	Pass	AV	2.495G	46.02	54.00	-7.98	32.52	3	Vertical	312	1.62	-
2427MHz	Pass	PK	2.3894G	66.45	74.00	-7.55	32.09	3	Vertical	312	1.62	-
2427MHz	Pass	PK	2.4286G	100.17	Inf	-Inf	32.25	3	Vertical	312	1.62	-
2427MHz	Pass	PK	2.4966G	56.72	74.00	-17.28	32.53	3	Vertical	312	1.62	-
2427MHz	Pass	AV	2.3898G	50.91	54.00	-3.09	32.09	3	Horizontal	68	1.03	-
2427MHz	Pass	AV	2.429G	87.90	Inf	-Inf	32.25	3	Horizontal	68	1.03	-
2427MHz	Pass	AV	2.4966G	45.91	54.00	-8.09	32.53	3	Horizontal	68	1.03	-
2427MHz	Pass	PK	2.3898G	63.18	74.00	-10.82	32.09	3	Horizontal	68	1.03	-
2427MHz	Pass	PK	2.4286G	97.60	Inf	-Inf	32.25	3	Horizontal	68	1.03	-
2427MHz	Pass	PK	2.4894G	56.76	74.00	-17.24	32.50	3	Horizontal	68	1.03	-
2437MHz	Pass	AV	2.3898G	53.33	54.00	-0.67	32.09	3	Vertical	328	1.45	-
2437MHz	Pass	AV	2.4354G	93.37	Inf	-Inf	32.28	3	Vertical	328	1.45	-
2437MHz	Pass	AV	2.4835G	49.10	54.00	-4.90	32.48	3	Vertical	328	1.45	-
2437MHz	Pass	PK	2.3898G	67.80	74.00	-6.20	32.09	3	Vertical	328	1.45	-
2437MHz	Pass	PK	2.4334G	103.09	Inf	-Inf	32.27	3	Vertical	328	1.45	-
2437MHz	Pass	PK	2.4838G	61.40	74.00	-12.60	32.48	3	Vertical	328	1.45	-
2437MHz	Pass	AV	2.3898G	50.04	54.00	-3.96	32.09	3	Horizontal	63	1.14	-
2437MHz	Pass	AV	2.439G	90.31	Inf	-Inf	32.30	3	Horizontal	63	1.14	-
2437MHz	Pass	AV	2.4835G	47.85	54.00	-6.15	32.48	3	Horizontal	63	1.14	-
2437MHz	Pass	PK	2.3886G	63.22	74.00	-10.78	32.09	3	Horizontal	63	1.14	-
2437MHz	Pass	PK	2.4402G	100.06	Inf	-Inf	32.30	3	Horizontal	63	1.14	-
2437MHz	Pass	PK	2.4842G	59.50	74.00	-14.50	32.48	3	Horizontal	63	1.14	-
2437MHz	Pass	AV	4.8742G	51.49	54.00	-2.51	3.81	3	Vertical	219	1.55	-
2437MHz	Pass	PK	4.8746G	64.61	74.00	-9.39	3.81	3	Vertical	219	1.55	-
2437MHz	Pass	AV	4.8726G	46.89	54.00	-7.11	3.81	3	Horizontal	59	2.14	-
2437MHz	Pass	PK	4.87G	60.11	74.00	-13.89	3.81	3	Horizontal	59	2.14	-
2447MHz	Pass	AV	2.3894G	47.88	54.00	-6.12	32.09	3	Vertical	321	1.33	-
2447MHz	Pass	AV	2.443G	92.38	Inf	-Inf	32.31	3	Vertical	321	1.33	-
2447MHz	Pass	AV	2.4838G	52.65	54.00	-1.35	32.48	3	Vertical	321	1.33	-
2447MHz	Pass	PK	2.3894G	58.85	74.00	-15.15	32.09	3	Vertical	321	1.33	-
2447MHz	Pass	PK	2.4418G	102.04	Inf	-Inf	32.31	3	Vertical	321	1.33	-
2447MHz	Pass	PK	2.4835G	65.36	Inf	-Inf	32.48	3	Vertical	321	1.33	-
2447MHz	Pass	AV	2.3894G	46.05	54.00	-7.95	32.09	3	Horizontal	75	2.19	-
2447MHz	Pass	AV	2.445G	90.27	Inf	-Inf	32.32	3	Horizontal	75	2.19	-
2447MHz	Pass	AV	2.4835G	52.53	54.00	-1.47	32.48	3	Horizontal	75	2.19	-
2447MHz	Pass	PK	2.3862G	56.64	74.00	-17.36	32.07	3	Horizontal	75	2.19	-
2447MHz	Pass	PK	2.4498G	99.83	Inf	-Inf	32.34	3	Horizontal	75	2.19	-

Remark :

Page No. : F5 of F62

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



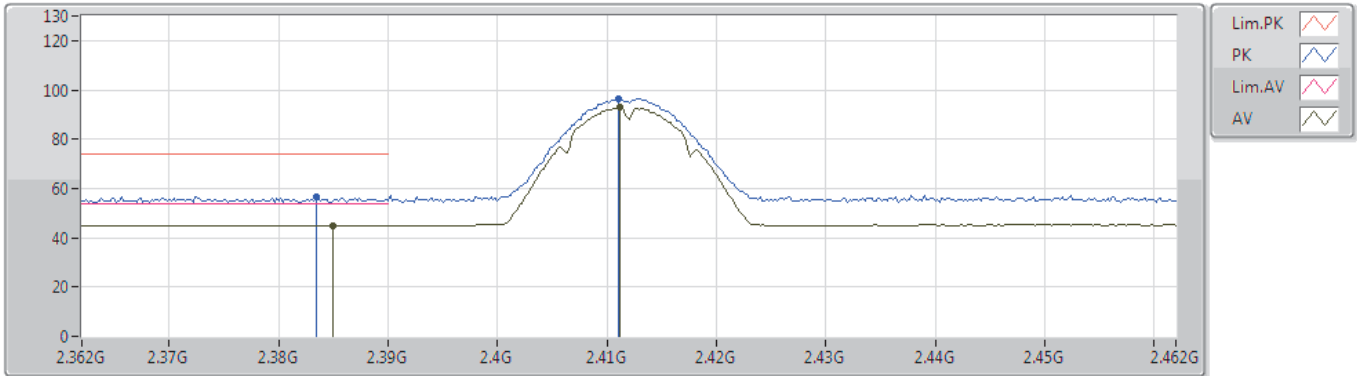
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4835G	64.71	74.00	-9.29	32.48	3	Horizontal	75	2.19	-
2452MHz	Pass	AV	2.3844G	45.80	54.00	-8.20	32.06	3	Vertical	331	2.13	-
2452MHz	Pass	AV	2.4488G	91.27	Inf	-Inf	32.34	3	Vertical	331	2.13	-
2452MHz	Pass	AV	2.4835G	53.69	54.00	-0.31	32.48	3	Vertical	331	2.13	-
2452MHz	Pass	PK	2.384G	56.90	74.00	-17.10	32.06	3	Vertical	331	2.13	-
2452MHz	Pass	PK	2.4468G	101.59	Inf	-Inf	32.32	3	Vertical	331	2.13	-
2452MHz	Pass	PK	2.4835G	66.71	74.00	-7.29	32.48	3	Vertical	331	2.13	-
2452MHz	Pass	AV	2.3872G	45.45	54.00	-8.55	32.08	3	Horizontal	254	2.13	-
2452MHz	Pass	AV	2.4576G	90.21	Inf	-Inf	32.37	3	Horizontal	254	2.13	-
2452MHz	Pass	AV	2.484G	53.60	54.00	-0.40	32.48	3	Horizontal	254	2.13	-
2452MHz	Pass	PK	2.3652G	56.67	74.00	-17.33	31.99	3	Horizontal	254	2.13	-
2452MHz	Pass	PK	2.4548G	99.32	Inf	-Inf	32.35	3	Horizontal	254	2.13	-
2452MHz	Pass	PK	2.4835G	66.22	74.00	-7.78	32.48	3	Horizontal	254	2.13	-
2452MHz	Pass	AV	4.9038G	49.74	54.00	-4.26	3.89	3	Vertical	216	1.57	-
2452MHz	Pass	PK	4.9038G	63.40	74.00	-10.60	3.89	3	Vertical	216	1.57	-
2452MHz	Pass	AV	4.9038G	44.19	54.00	-9.81	3.89	3	Horizontal	59	2.06	-
2452MHz	Pass	PK	4.9046G	57.17	74.00	-16.83	3.89	3	Horizontal	59	2.06	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



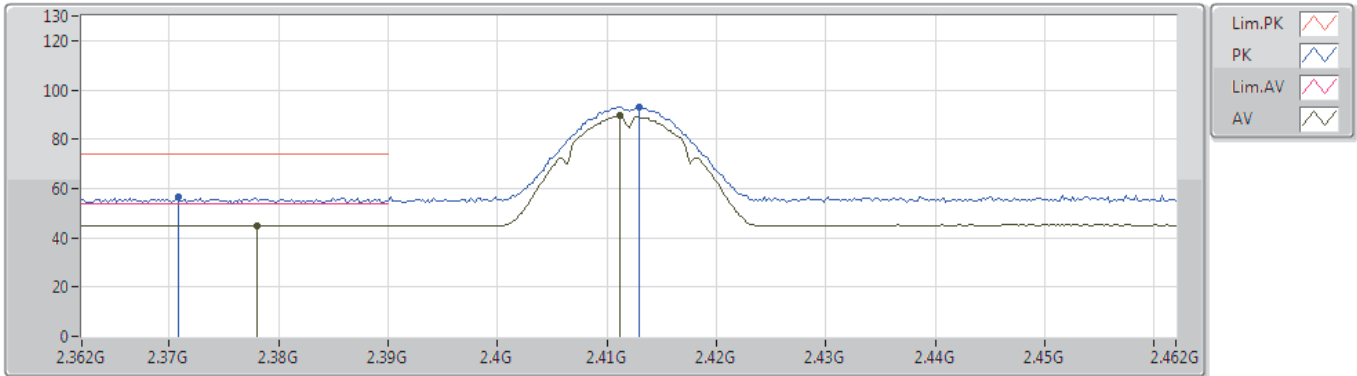
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AV	2.385G	44.86	54.00	-9.14	32.07	3	Vertical	314	2.13	-	12.79	27.36	4.71	-
AV	2.4112G	92.94	Inf	-Inf	32.17	3	Vertical	314	2.13	-	60.77	27.43	4.74	-
PK	2.3834G	56.47	74.00	-17.53	32.06	3	Vertical	314	2.13	-	24.41	27.35	4.71	-
PK	2.411G	96.57	Inf	-Inf	32.17	3	Vertical	314	2.13	-	64.40	27.43	4.74	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



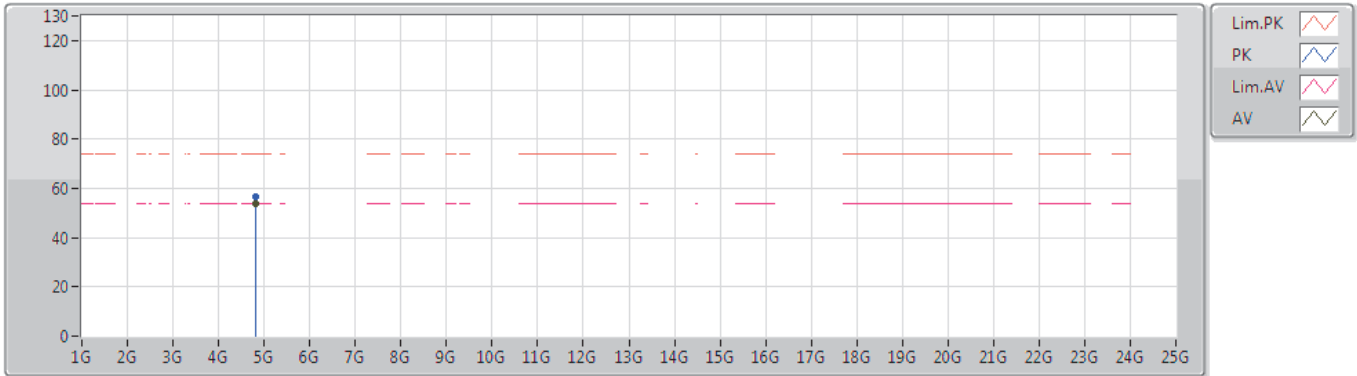
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AV	2.378G	44.82	54.00	-9.18	32.03	3	Horizontal	51	1.20	-	12.79	27.33	4.70	-
AV	2.4112G	89.44	Inf	-Inf	32.17	3	Horizontal	51	1.20	-	57.27	27.43	4.74	-
PK	2.3708G	56.46	74.00	-17.54	32.01	3	Horizontal	51	1.20	-	24.45	27.31	4.70	-
PK	2.413G	93.05	Inf	-Inf	32.19	3	Horizontal	51	1.20	-	60.86	27.44	4.75	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



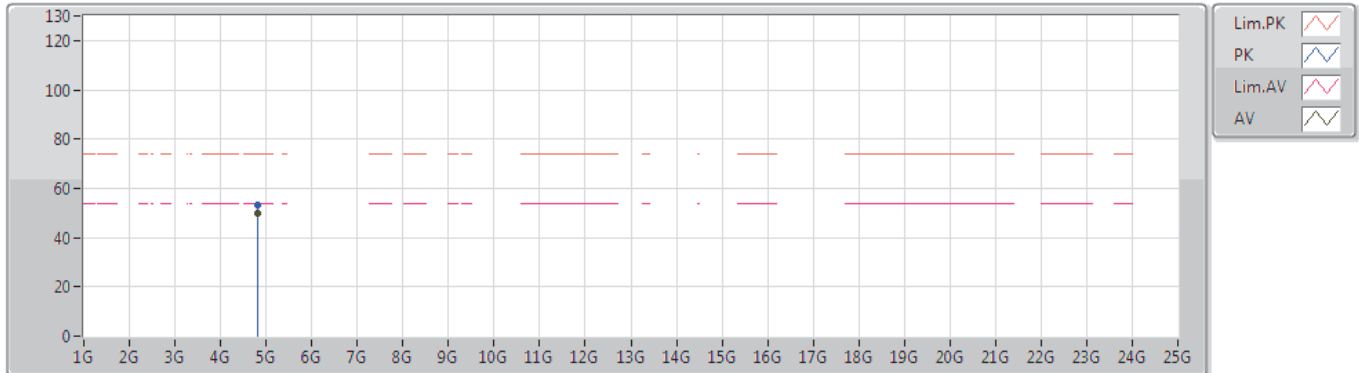
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AV	4.82392G	53.64	54.00	-0.36	3.69	3	Vertical	220	1.53	-	49.95	31.38	6.79	34.48
PK	4.82394G	56.51	74.00	-17.49	3.69	3	Vertical	220	1.53	-	52.82	31.38	6.79	34.48



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



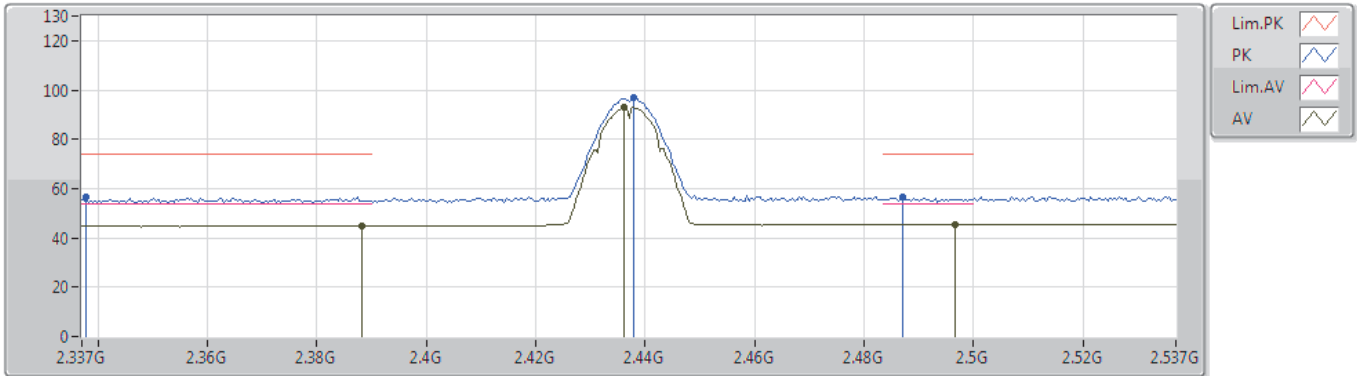
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AV	4.82395G	49.98	54.00	-4.02	3.69	3	Horizontal	62	2.06	-	46.29	31.38	6.79	34.48
PK	4.82396G	52.96	74.00	-21.04	3.69	3	Horizontal	62	2.06	-	49.27	31.38	6.79	34.48



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



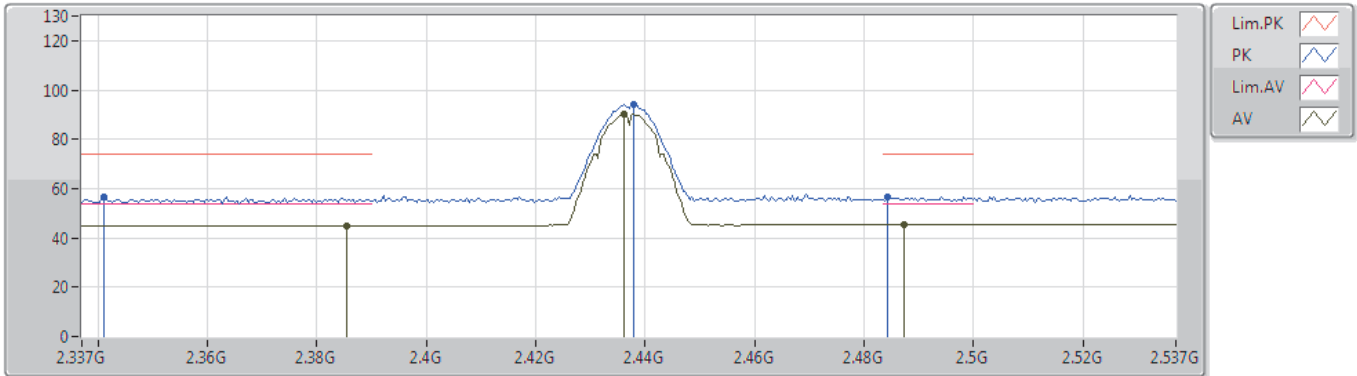
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AV	2.3882G	44.81	54.00	-9.19	32.08	3	Vertical	326	1.46	-	12.73	27.36	4.72	-
AV	2.4362G	92.94	Inf	-Inf	32.28	3	Vertical	326	1.46	-	60.66	27.51	4.77	-
AV	2.4966G	45.28	54.00	-8.72	32.53	3	Vertical	326	1.46	-	12.75	27.69	4.84	-
PK	2.3378G	56.59	74.00	-17.41	31.87	3	Vertical	326	1.46	-	24.72	27.21	4.66	-
PK	2.4378G	96.81	Inf	-Inf	32.28	3	Vertical	326	1.46	-	64.53	27.51	4.77	-
PK	2.487G	56.47	74.00	-17.53	32.49	3	Vertical	326	1.46	-	23.98	27.66	4.83	-



802.11b_Nss1,(1Mbps)_1TX

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2437MHz_TX



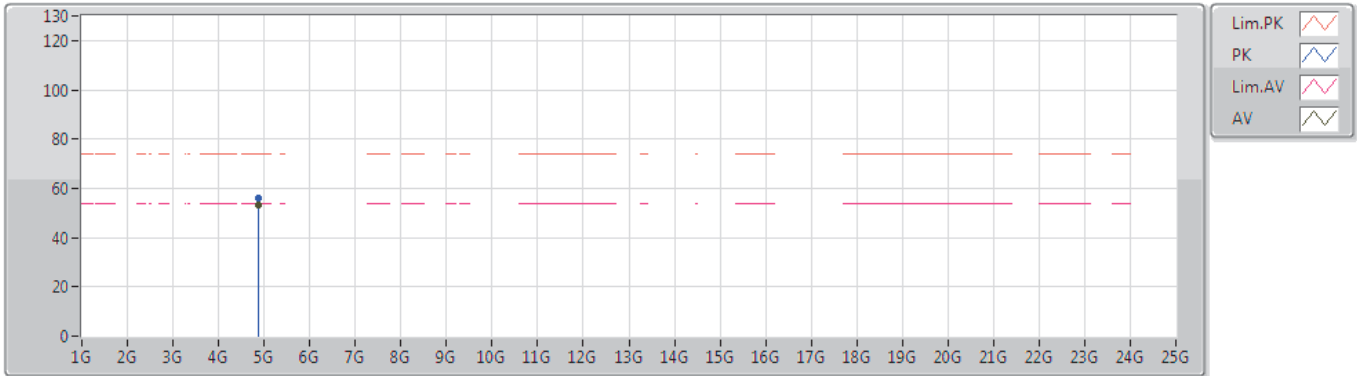
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AV	2.3854G	44.78	54.00	-9.22	32.07	3	Horizontal	263	2.15	-	12.71	27.36	4.71	-
AV	2.4362G	90.38	Inf	-Inf	32.28	3	Horizontal	263	2.15	-	58.10	27.51	4.77	-
AV	2.4874G	45.33	54.00	-8.67	32.49	3	Horizontal	263	2.15	-	12.84	27.66	4.83	-
PK	2.341G	56.63	74.00	-17.37	31.88	3	Horizontal	263	2.15	-	24.75	27.22	4.66	-
PK	2.4378G	94.15	Inf	-Inf	32.28	3	Horizontal	263	2.15	-	61.87	27.51	4.77	-
PK	2.4842G	56.54	74.00	-17.46	32.48	3	Horizontal	263	2.15	-	24.06	27.65	4.83	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



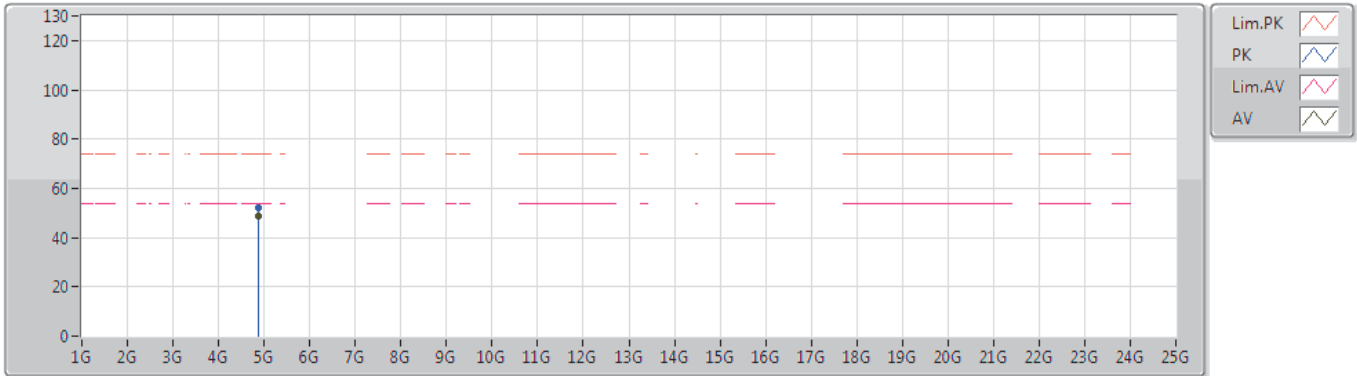
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87393G	53.11	54.00	-0.89	3.81	3	Vertical	221	1.58	-	49.30	31.47	6.81	34.47
PK	4.87391G	55.92	74.00	-18.08	3.81	3	Vertical	221	1.58	-	52.11	31.47	6.81	34.47



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



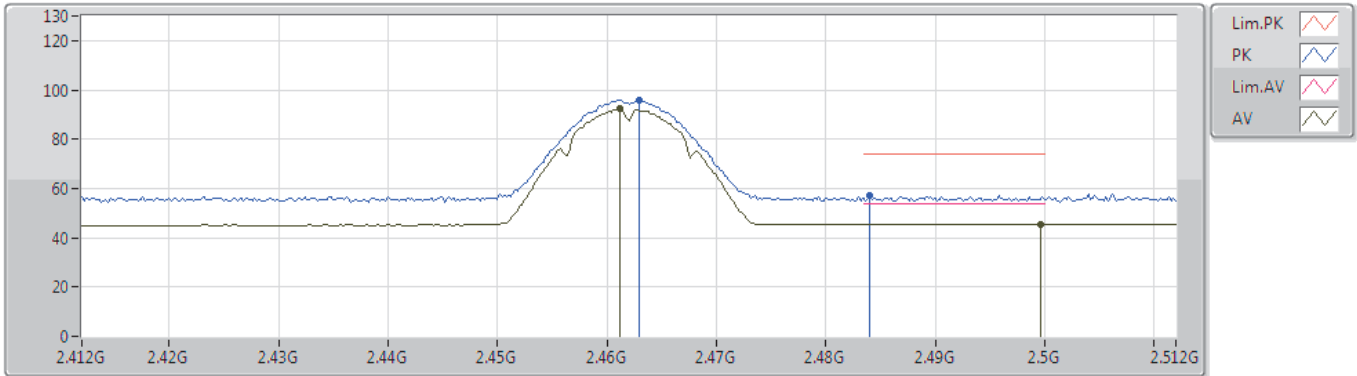
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AV	4.87393G	49.01	54.00	-4.99	3.81	3	Horizontal	64	1.77	-	45.20	31.47	6.81	34.47
PK	4.8739G	52.34	74.00	-21.66	3.81	3	Horizontal	64	1.77	-	48.53	31.47	6.81	34.47



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



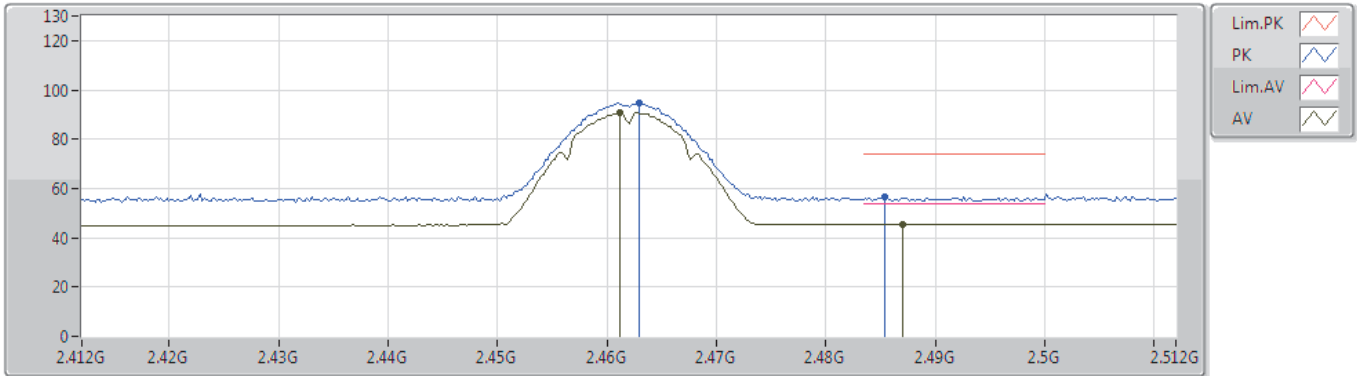
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AV	2.4612G	92.18	Inf	-Inf	32.38	3	Vertical	28	1.68	-	59.80	27.58	4.80	-
AV	2.4996G	45.35	54.00	-8.65	32.55	3	Vertical	28	1.68	-	12.80	27.70	4.85	-
PK	2.463G	95.83	Inf	-Inf	32.39	3	Vertical	28	1.68	-	63.44	27.59	4.80	-
PK	2.484G	57.09	74.00	-16.91	32.48	3	Vertical	28	1.68	-	24.61	27.65	4.83	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



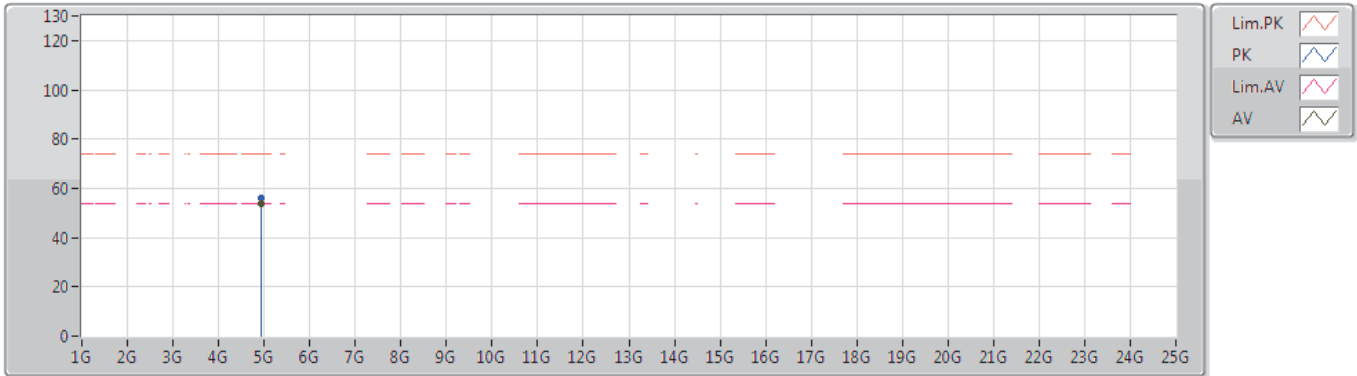
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AV	2.4612G	91.03	Inf	-Inf	32.38	3	Horizontal	277	2.39	-	58.65	27.58	4.80	-
AV	2.487G	45.38	54.00	-8.62	32.49	3	Horizontal	277	2.39	-	12.89	27.66	4.83	-
PK	2.463G	94.70	Inf	-Inf	32.39	3	Horizontal	277	2.39	-	62.31	27.59	4.80	-
PK	2.4854G	56.38	74.00	-17.62	32.49	3	Horizontal	277	2.39	-	23.89	27.66	4.83	-



802.11b_Nss1,(1Mbps)_1TX

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2462MHz_TX



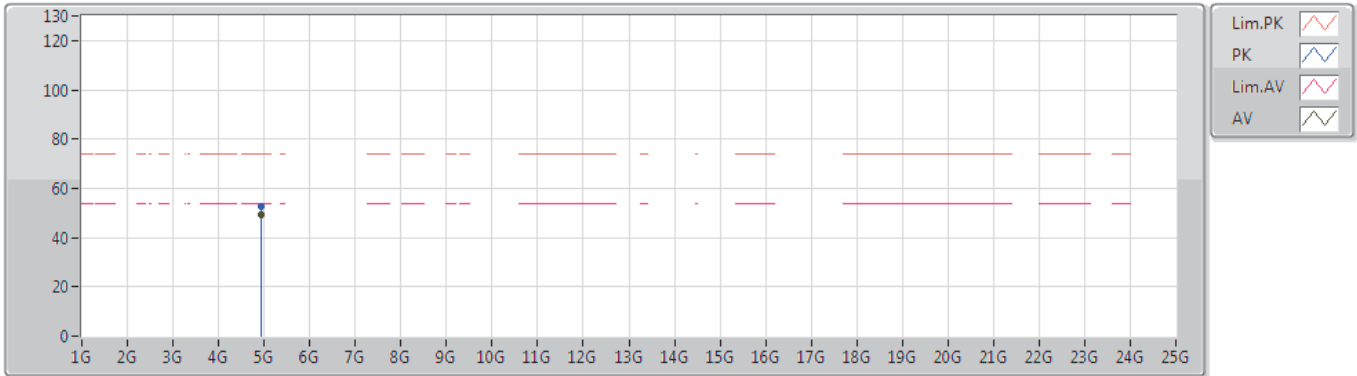
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AV	4.92397G	53.95	54.00	-0.05	3.93	3	Vertical	214	1.51	-	50.02	31.56	6.82	34.45
PK	4.9239G	56.30	74.00	-17.70	3.93	3	Vertical	214	1.51	-	52.37	31.56	6.82	34.45



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



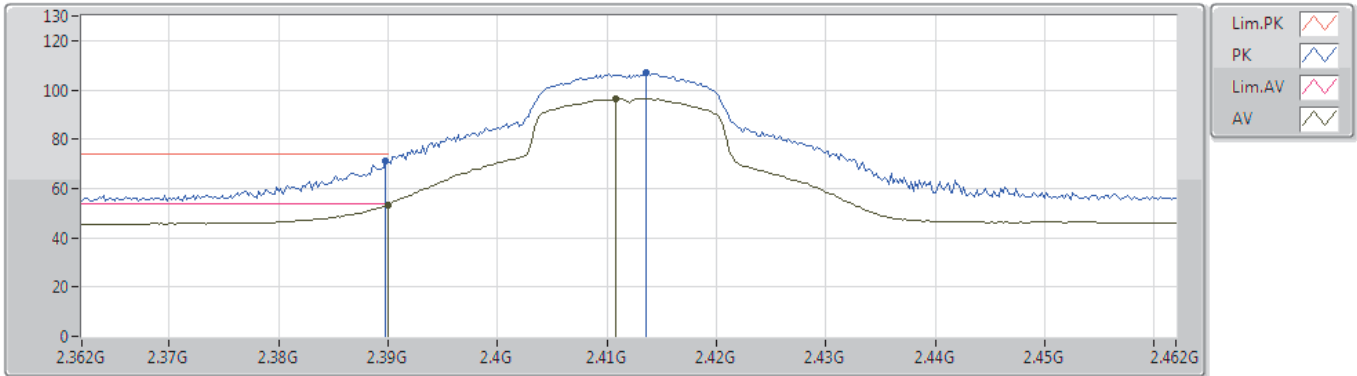
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AV	4.92394G	49.55	54.00	-4.45	3.93	3	Horizontal	59	1.69	-	45.62	31.56	6.82	34.45
PK	4.92401G	52.75	74.00	-21.25	3.93	3	Horizontal	59	1.69	-	48.82	31.56	6.82	34.45



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



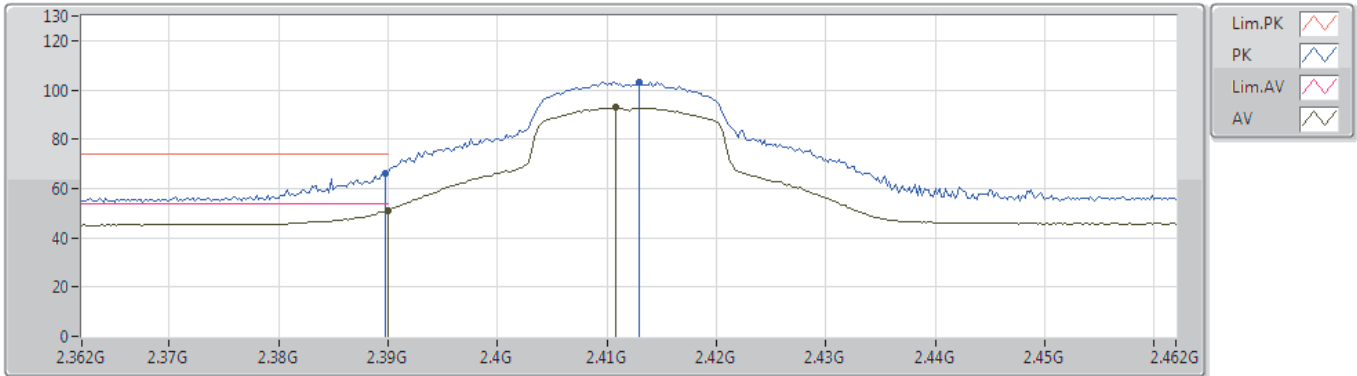
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PK	2.4136G	106.77	Inf	-Inf	32.19	3	Vertical	322	2.31	-	74.58	27.44	4.75	-
AV	2.4108G	96.36	Inf	-Inf	32.17	3	Vertical	322	2.31	-	64.19	27.43	4.74	-
PK	2.3898G	71.43	74.00	-2.57	32.09	3	Vertical	322	2.31	-	39.34	27.37	4.72	-
AV	2.39G	53.44	54.00	-0.56	32.09	3	Vertical	322	2.31	-	21.35	27.37	4.72	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



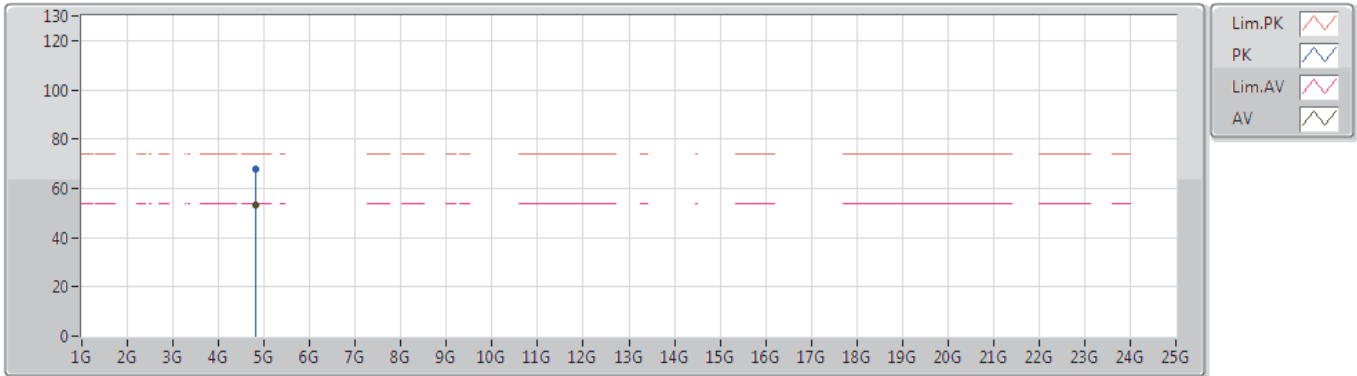
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AV	2.39G	51.22	54.00	-2.78	32.09	3	Horizontal	77	2.26	-	19.13	27.37	4.72	-
AV	2.4108G	92.74	Inf	-Inf	32.17	3	Horizontal	77	2.26	-	60.57	27.43	4.74	-
PK	2.3898G	66.21	74.00	-7.79	32.09	3	Horizontal	77	2.26	-	34.12	27.37	4.72	-
PK	2.413G	103.05	Inf	-Inf	32.19	3	Horizontal	77	2.26	-	70.86	27.44	4.75	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



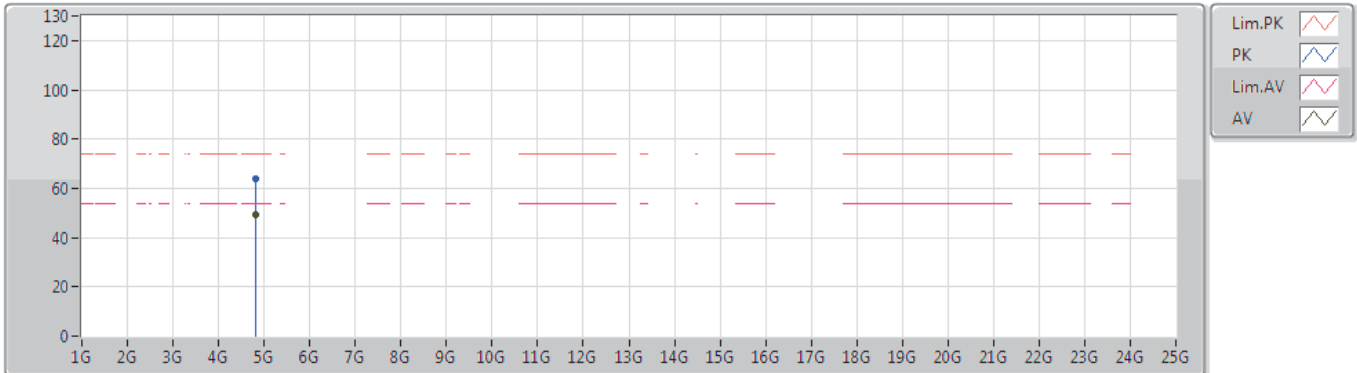
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8243G	53.13	54.00	-0.87	3.69	3	Vertical	213	1.54	-	49.44	31.38	6.79	34.48
PK	4.81968G	67.60	74.00	-6.40	3.69	3	Vertical	213	1.54	-	63.91	31.38	6.79	34.48



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



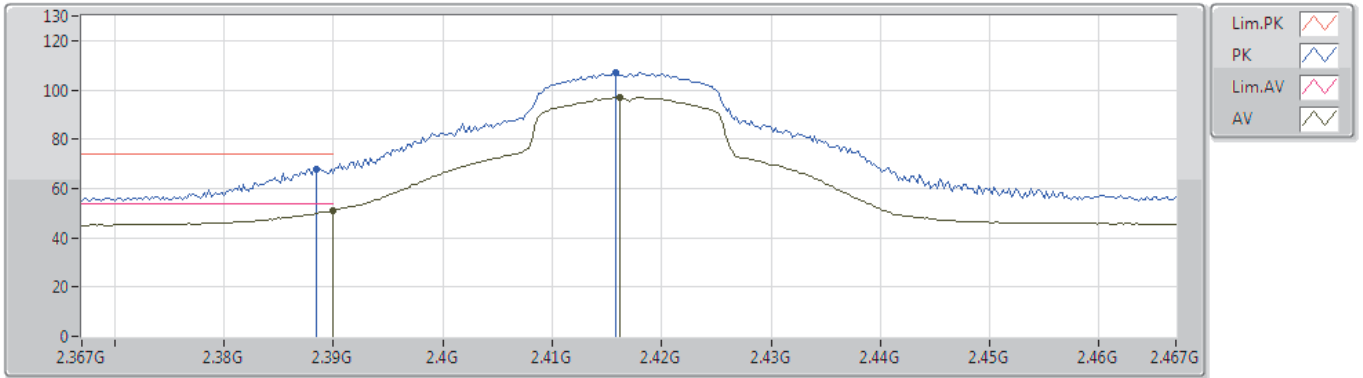
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82556G	49.50	54.00	-4.50	3.70	3	Horizontal	64	2.05	-	45.80	31.39	6.79	34.48
PK	4.8198G	63.77	74.00	-10.23	3.69	3	Horizontal	64	2.05	-	60.08	31.38	6.79	34.48



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2417MHz_TX



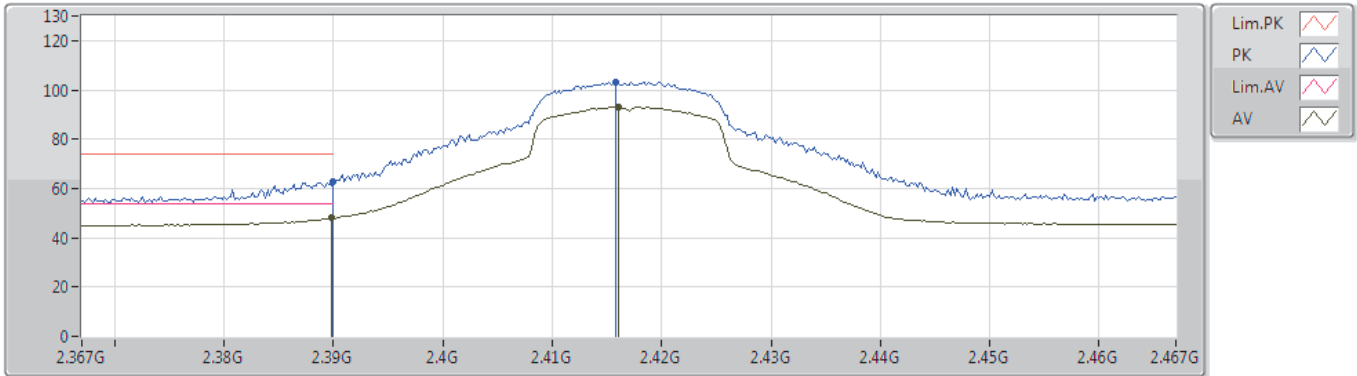
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.11	54.00	-2.89	32.09	3	Vertical	314	1.68	-	19.02	27.37	4.72	-
AV	2.4162G	96.78	Inf	-Inf	32.20	3	Vertical	314	1.68	-	64.58	27.45	4.75	-
PK	2.3884G	67.91	74.00	-6.09	32.09	3	Vertical	314	1.68	-	35.82	27.37	4.72	-
PK	2.4158G	107.12	Inf	-Inf	32.20	3	Vertical	314	1.68	-	74.92	27.45	4.75	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2417MHz_TX

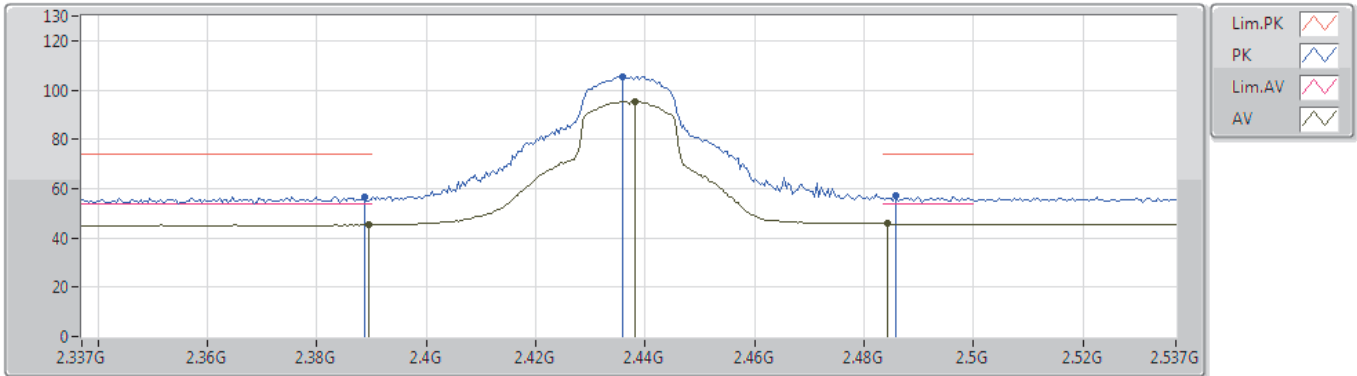


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.94	54.00	-6.06	32.09	3	Horizontal	76	1.43	-	15.85	27.37	4.72	-
AV	2.416G	92.92	Inf	-Inf	32.20	3	Horizontal	76	1.43	-	60.72	27.45	4.75	-
PK	2.39G	62.98	74.00	-11.02	32.09	3	Horizontal	76	1.43	-	30.89	27.37	4.72	-
PK	2.4158G	103.28	Inf	-Inf	32.20	3	Horizontal	76	1.43	-	71.08	27.45	4.75	-

802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



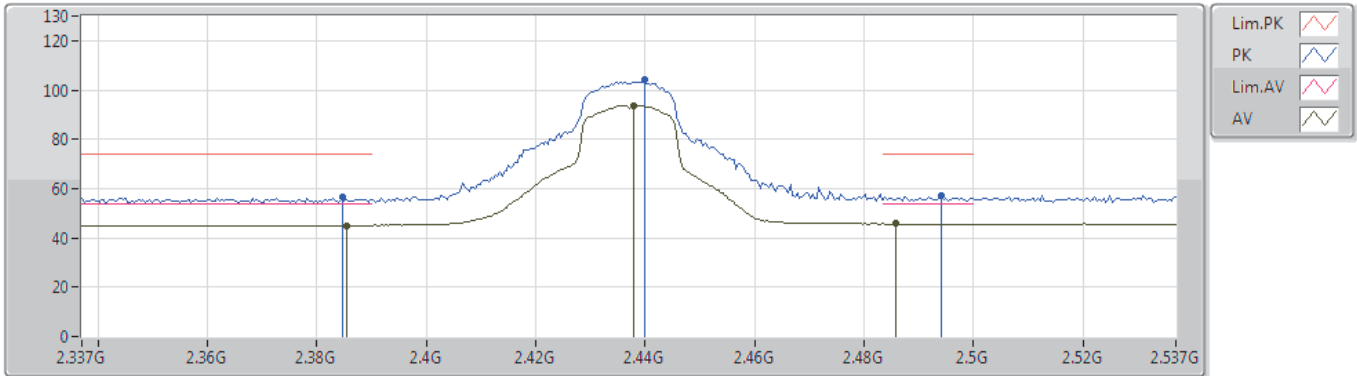
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AV	2.3894G	45.38	54.00	-8.62	32.09	3	Vertical	327	1.47	-	13.29	27.37	4.72	-
AV	2.4382G	95.42	Inf	-Inf	32.28	3	Vertical	327	1.47	-	63.14	27.51	4.77	-
AV	2.4842G	45.77	54.00	-8.23	32.48	3	Vertical	327	1.47	-	13.29	27.65	4.83	-
PK	2.3886G	56.83	74.00	-17.17	32.09	3	Vertical	327	1.47	-	24.74	27.37	4.72	-
PK	2.4358G	105.41	Inf	-Inf	32.28	3	Vertical	327	1.47	-	73.13	27.51	4.77	-
PK	2.4858G	57.11	74.00	-16.89	32.49	3	Vertical	327	1.47	-	24.62	27.66	4.83	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



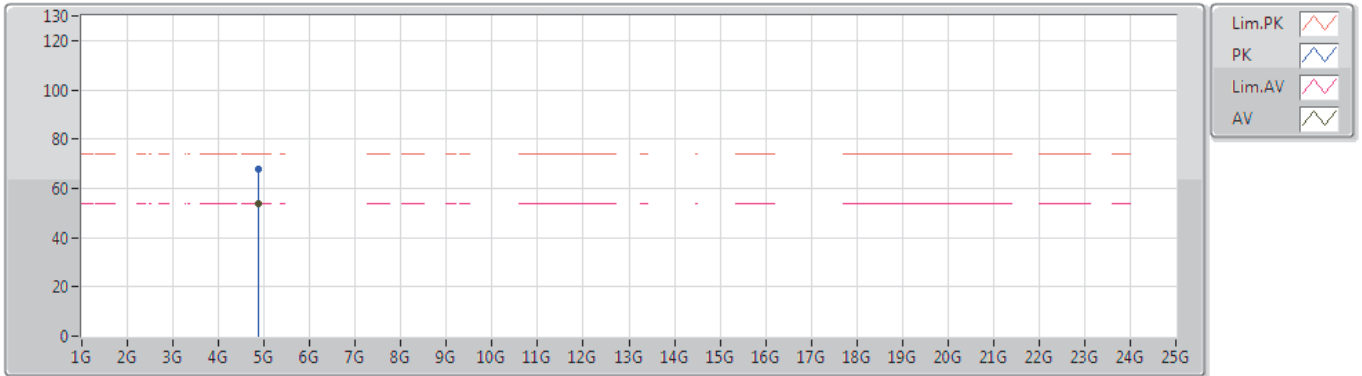
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AV	2.3854G	45.10	54.00	-8.90	32.07	3	Horizontal	259	1.92	-	13.03	27.36	4.71	-
AV	2.4378G	93.72	Inf	-Inf	32.28	3	Horizontal	259	1.92	-	61.44	27.51	4.77	-
AV	2.4858G	45.73	54.00	-8.27	32.49	3	Horizontal	259	1.92	-	13.24	27.66	4.83	-
PK	2.3846G	56.49	74.00	-17.51	32.06	3	Horizontal	259	1.92	-	24.43	27.35	4.71	-
PK	2.4398G	104.21	Inf	-Inf	32.30	3	Horizontal	259	1.92	-	71.91	27.52	4.78	-
PK	2.4942G	57.38	74.00	-16.62	32.52	3	Horizontal	259	1.92	-	24.86	27.68	4.84	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



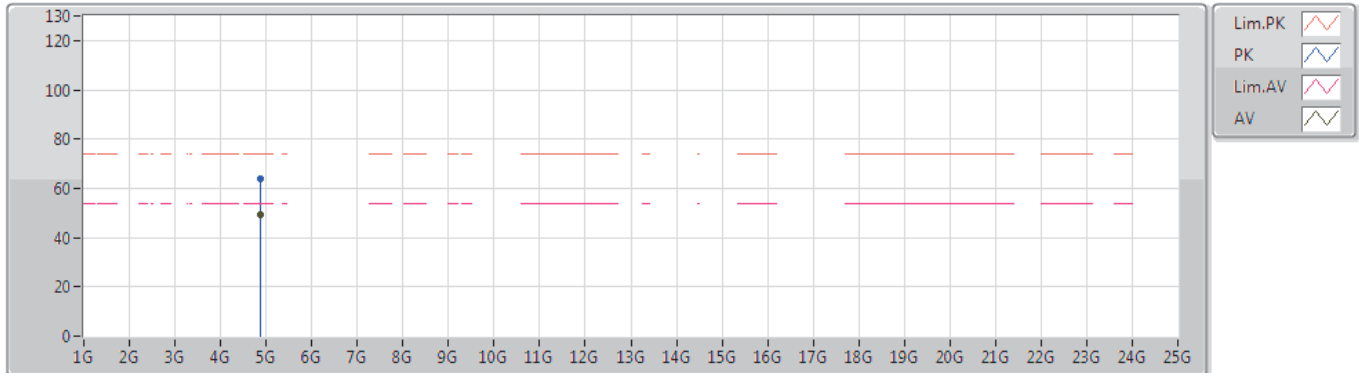
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87472G	53.72	54.00	-0.28	3.81	3	Vertical	220	1.50	-	49.91	31.47	6.81	34.47
PK	4.86974G	67.75	74.00	-6.25	3.81	3	Vertical	220	1.50	-	63.94	31.47	6.81	34.47



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



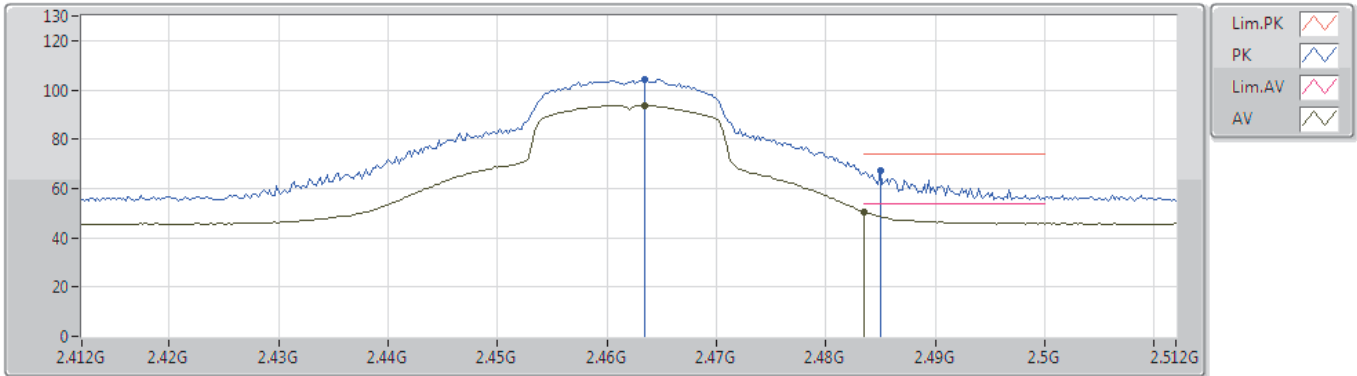
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AV	4.87352G	49.39	54.00	-4.61	3.81	3	Horizontal	59	1.98	-	45.58	31.47	6.81	34.47
PK	4.87484G	63.87	74.00	-10.13	3.81	3	Horizontal	59	1.98	-	60.06	31.47	6.81	34.47



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



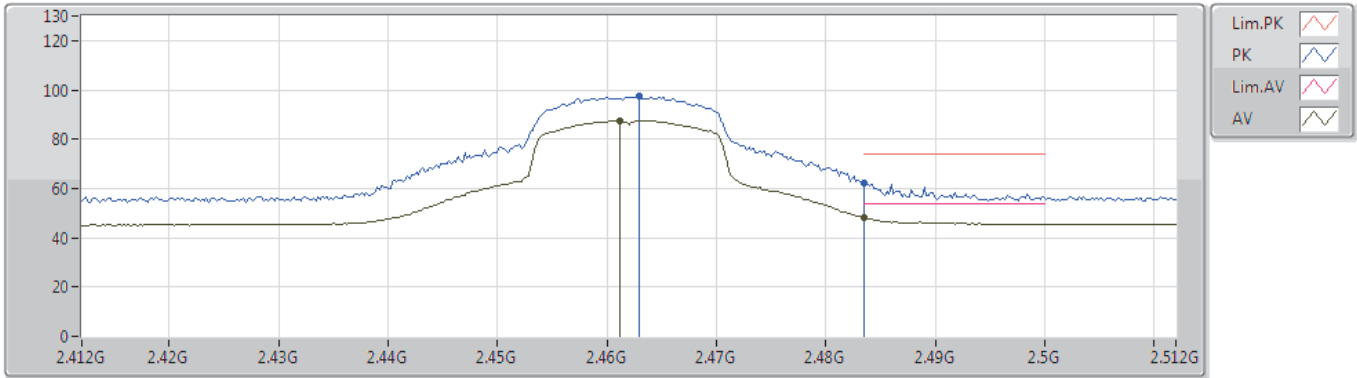
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AV	2.4634G	93.72	Inf	-Inf	32.39	3	Vertical	27	1.68	-	61.33	27.59	4.80	-
AV	2.4835G	50.56	54.00	-3.44	32.48	3	Vertical	27	1.68	-	18.08	27.65	4.83	-
PK	2.4634G	104.15	Inf	-Inf	32.39	3	Vertical	27	1.68	-	71.76	27.59	4.80	-
PK	2.485G	67.06	74.00	-6.94	32.48	3	Vertical	27	1.68	-	34.58	27.65	4.83	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



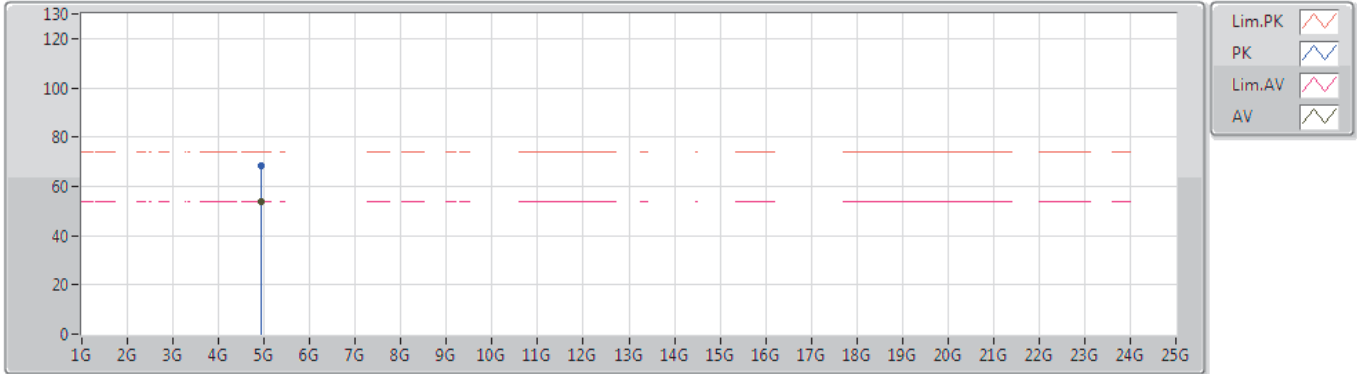
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	87.58	Inf	-Inf	32.38	3	Horizontal	159	1.74	-	55.20	27.58	4.80	-
AV	2.4835G	48.06	54.00	-5.94	32.48	3	Horizontal	159	1.74	-	15.58	27.65	4.83	-
PK	2.463G	97.60	Inf	-Inf	32.39	3	Horizontal	159	1.74	-	65.21	27.59	4.80	-
PK	2.4835G	62.39	74.00	-11.61	32.48	3	Horizontal	159	1.74	-	29.91	27.65	4.83	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



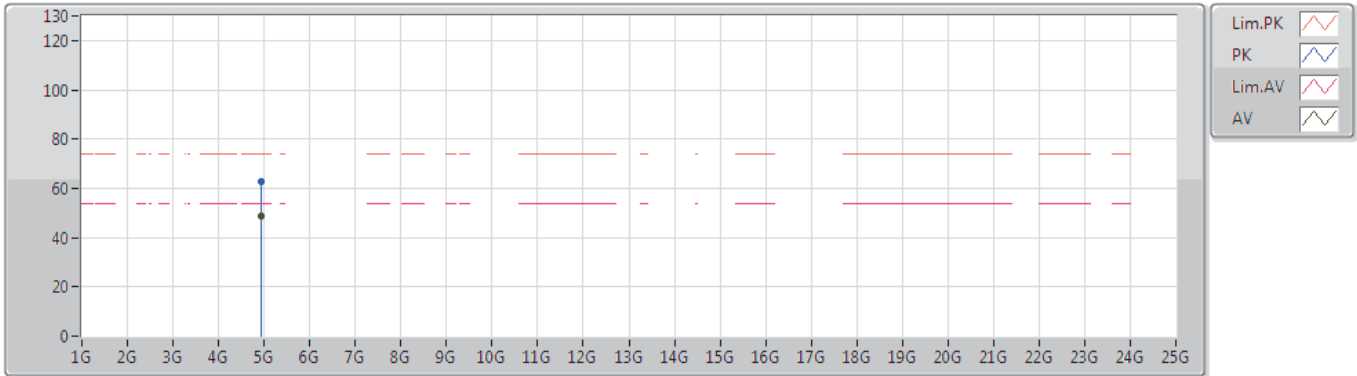
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92478G	53.88	54.00	-0.12	3.93	3	Vertical	161	1.94	-	49.95	31.56	6.82	34.45
PK	4.92502G	68.28	74.00	-5.72	3.94	3	Vertical	161	1.94	-	64.34	31.57	6.82	34.45



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



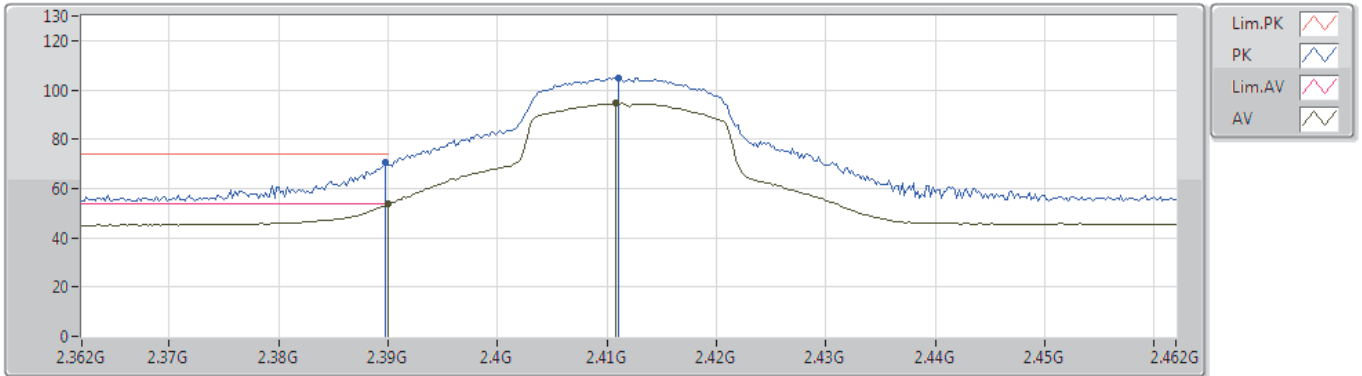
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AV	4.92406G	48.50	54.00	-5.50	3.93	3	Horizontal	60	2.27	-	44.57	31.56	6.82	34.45
PK	4.92502G	62.89	74.00	-11.11	3.94	3	Horizontal	60	2.27	-	58.95	31.57	6.82	34.45



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



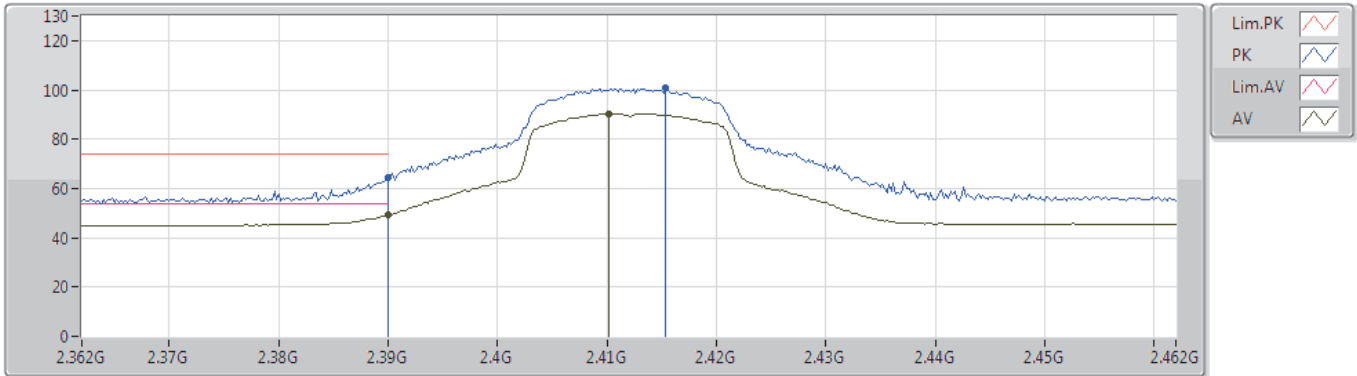
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.59	54.00	-0.41	32.09	3	Vertical	315	2.38	-	21.50	27.37	4.72	-
AV	2.4108G	94.57	Inf	-Inf	32.17	3	Vertical	315	2.38	-	62.40	27.43	4.74	-
PK	2.3898G	70.66	74.00	-3.34	32.09	3	Vertical	315	2.38	-	38.57	27.37	4.72	-
PK	2.411G	104.94	Inf	-Inf	32.17	3	Vertical	315	2.38	-	72.77	27.43	4.74	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



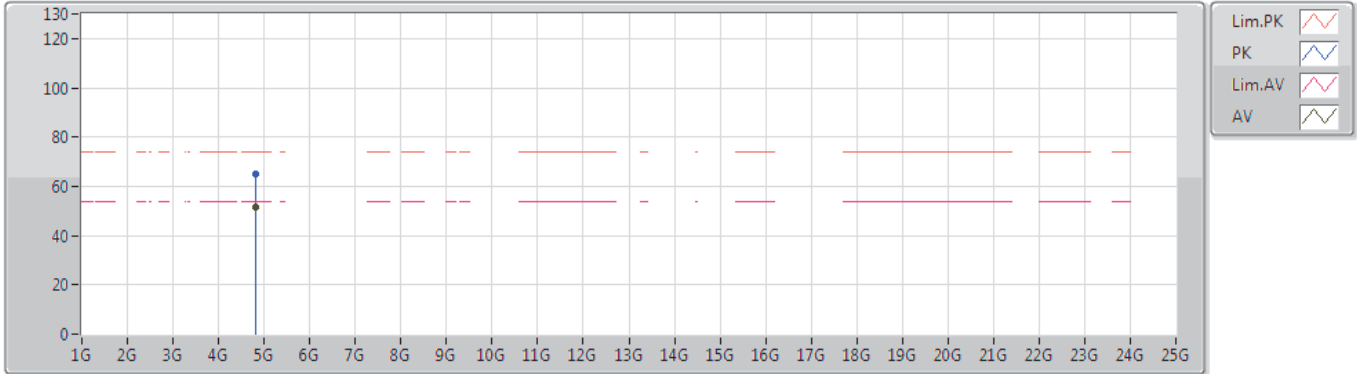
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.08	54.00	-4.92	32.09	3	Horizontal	60	1.42	-	16.99	27.37	4.72	-
AV	2.4102G	90.47	Inf	-Inf	32.17	3	Horizontal	60	1.42	-	58.30	27.43	4.74	-
PK	2.39G	64.53	74.00	-9.47	32.09	3	Horizontal	60	1.42	-	32.44	27.37	4.72	-
PK	2.4154G	100.86	Inf	-Inf	32.20	3	Horizontal	60	1.42	-	68.66	27.45	4.75	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



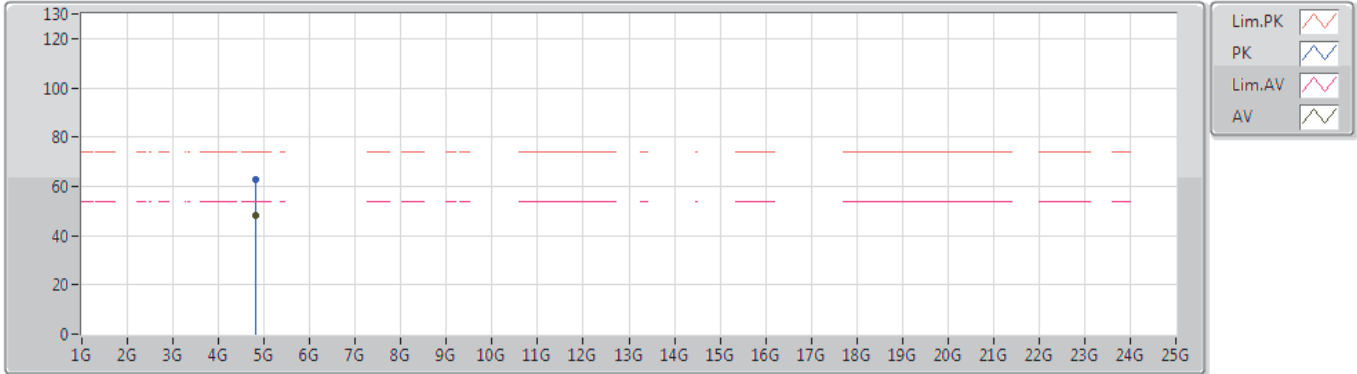
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82448G	51.59	54.00	-2.41	3.69	3	Vertical	218	1.48	-	47.90	31.38	6.79	34.48
PK	4.82574G	65.27	74.00	-8.73	3.70	3	Vertical	218	1.48	-	61.57	31.39	6.79	34.48



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



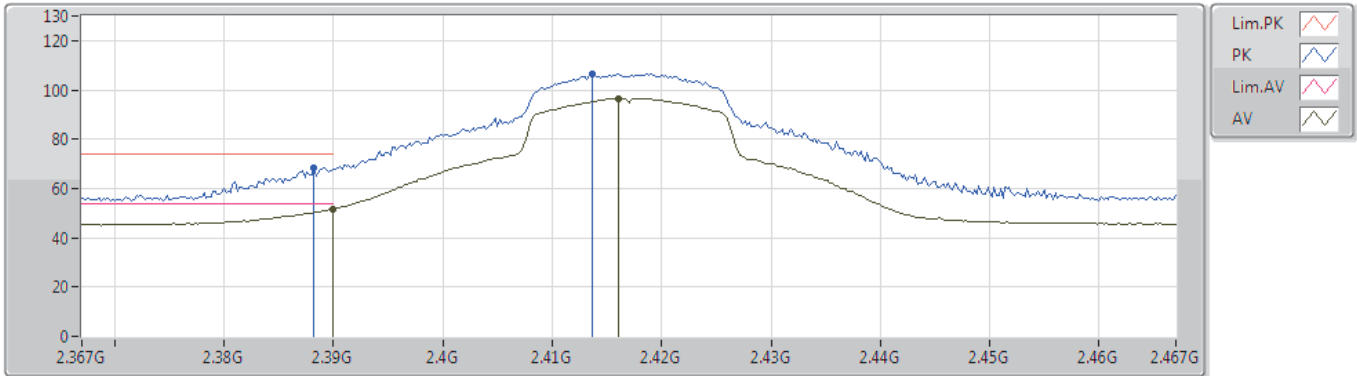
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82358G	48.03	54.00	-5.97	3.69	3	Horizontal	58	1.90	-	44.34	31.38	6.79	34.48
PK	4.82454G	62.65	74.00	-11.35	3.69	3	Horizontal	58	1.90	-	58.96	31.38	6.79	34.48



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2417MHz_TX



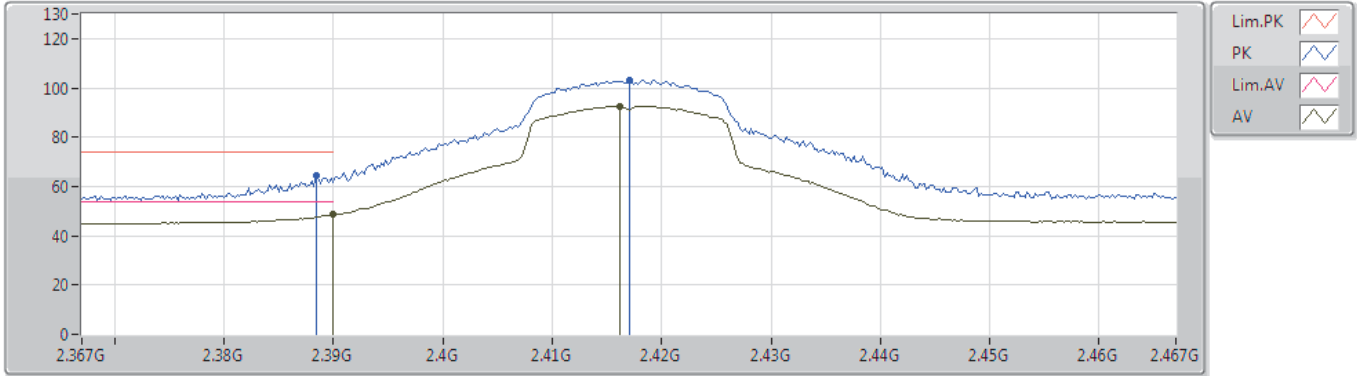
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.80	54.00	-2.20	32.09	3	Vertical	315	1.67	-	19.71	27.37	4.72	-
AV	2.416G	96.64	Inf	-Inf	32.20	3	Vertical	315	1.67	-	64.44	27.45	4.75	-
PK	2.3882G	68.35	74.00	-5.65	32.08	3	Vertical	315	1.67	-	36.27	27.36	4.72	-
PK	2.4136G	106.50	Inf	-Inf	32.19	3	Vertical	315	1.67	-	74.31	27.44	4.75	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2417MHz_TX



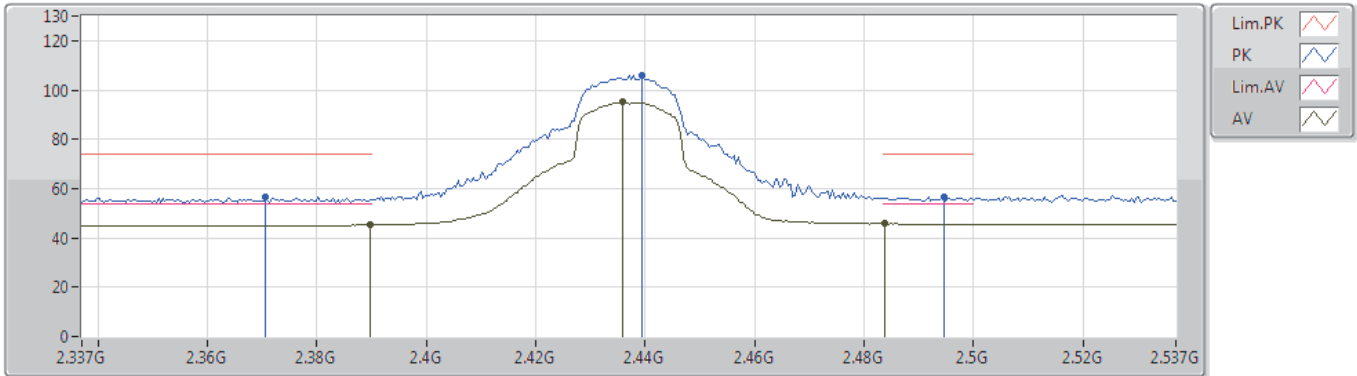
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	48.49	54.00	-5.51	32.09	3	Horizontal	62	1.44	-	16.40	27.37	4.72	-
AV	2.4162G	92.73	Inf	-Inf	32.20	3	Horizontal	62	1.44	-	60.53	27.45	4.75	-
PK	2.3884G	64.49	74.00	-9.51	32.09	3	Horizontal	62	1.44	-	32.40	27.37	4.72	-
PK	2.417G	103.09	Inf	-Inf	32.20	3	Horizontal	62	1.44	-	70.89	27.45	4.75	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



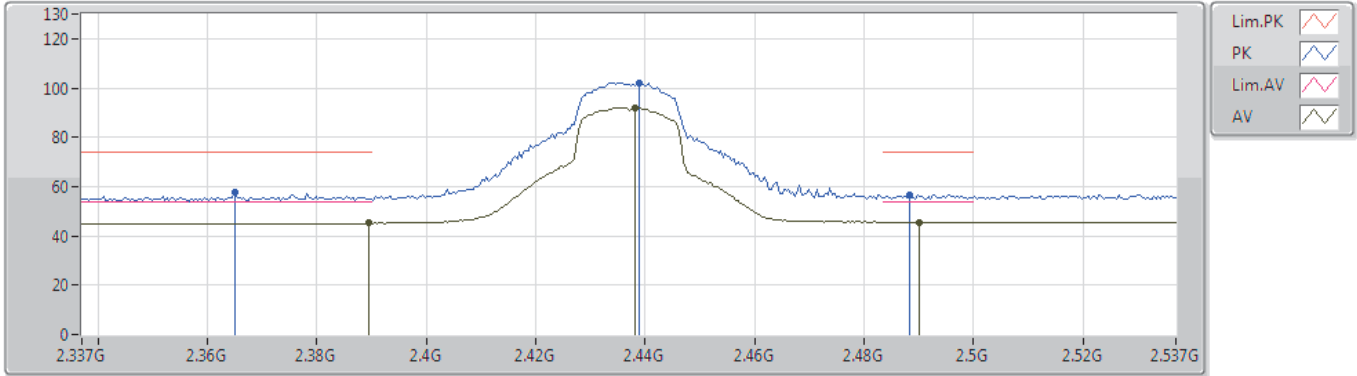
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	45.30	54.00	-8.70	32.09	3	Vertical	327	1.50	-	13.21	27.37	4.72	-
AV	2.4358G	95.24	Inf	-Inf	32.28	3	Vertical	327	1.50	-	62.96	27.51	4.77	-
AV	2.4838G	45.85	54.00	-8.15	32.48	3	Vertical	327	1.50	-	13.37	27.65	4.83	-
PK	2.3706G	56.85	74.00	-17.15	32.01	3	Vertical	327	1.50	-	24.84	27.31	4.70	-
PK	2.4394G	105.99	Inf	-Inf	32.30	3	Vertical	327	1.50	-	73.69	27.52	4.78	-
PK	2.4946G	56.78	74.00	-17.22	32.52	3	Vertical	327	1.50	-	24.26	27.68	4.84	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



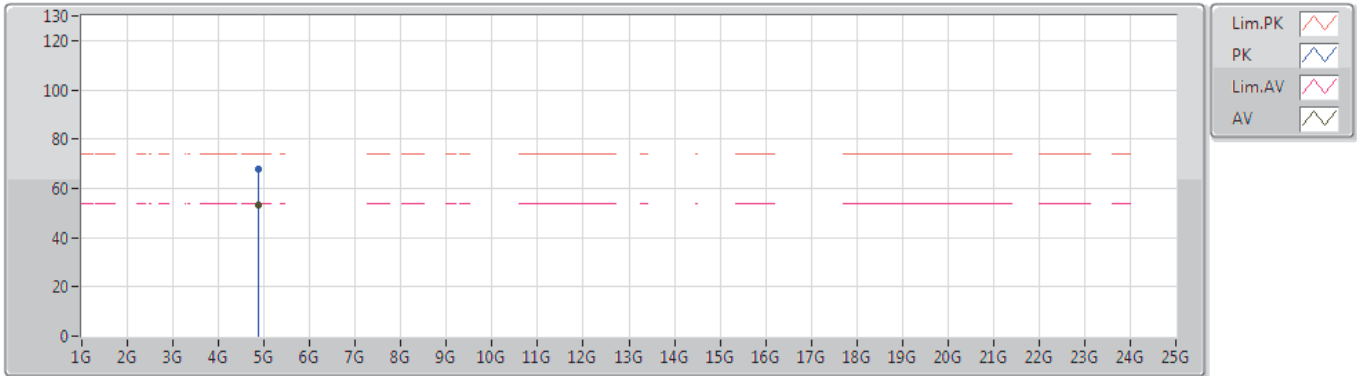
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	45.15	54.00	-8.85	32.09	3	Horizontal	66	1.03	-	13.06	27.37	4.72	-
AV	2.4382G	92.11	Inf	-Inf	32.28	3	Horizontal	66	1.03	-	59.83	27.51	4.77	-
AV	2.4902G	45.63	54.00	-8.37	32.51	3	Horizontal	66	1.03	-	13.12	27.67	4.84	-
PK	2.365G	57.64	74.00	-16.36	31.98	3	Horizontal	66	1.03	-	25.66	27.29	4.69	-
PK	2.439G	102.24	Inf	-Inf	32.30	3	Horizontal	66	1.03	-	69.94	27.52	4.78	-
PK	2.4882G	56.60	74.00	-17.40	32.49	3	Horizontal	66	1.03	-	24.11	27.66	4.83	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



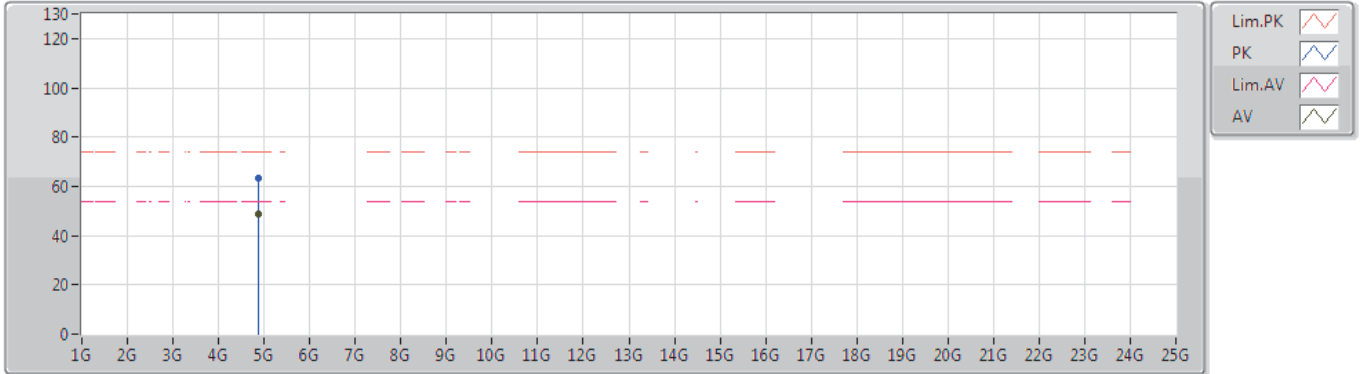
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87388G	53.50	54.00	-0.50	3.81	3	Vertical	218	1.50	-	49.69	31.47	6.81	34.47
PK	4.87466G	67.93	74.00	-6.07	3.81	3	Vertical	218	1.50	-	64.12	31.47	6.81	34.47



802.11n HT20_Nss1,(MCS0)_1TX

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2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87502G	48.99	54.00	-5.01	3.82	3	Horizontal	63	1.77	-	45.17	31.48	6.81	34.47
PK	4.87208G	63.24	74.00	-10.76	3.81	3	Horizontal	63	1.77	-	59.43	31.47	6.81	34.47

Remark :

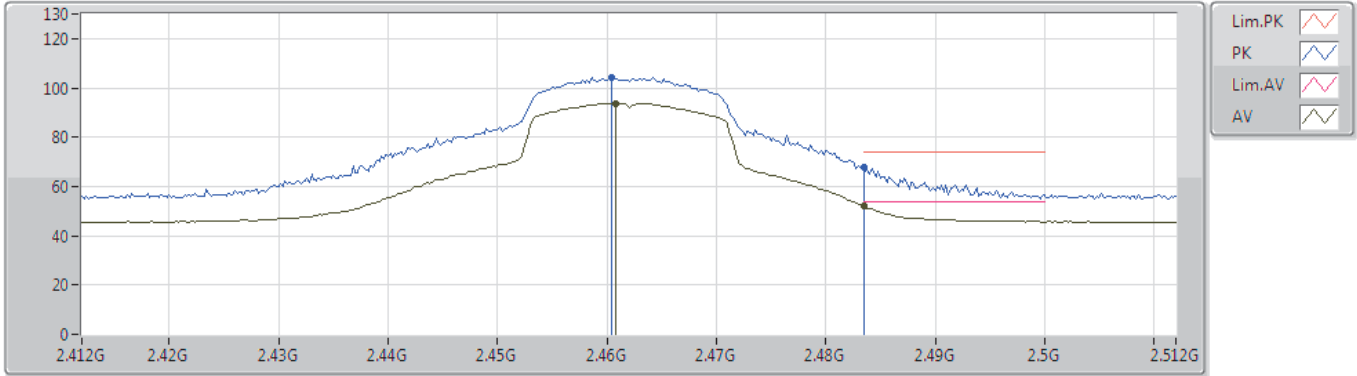
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11n HT20_Nss1,(MCS0)_1TX

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2462MHz_TX



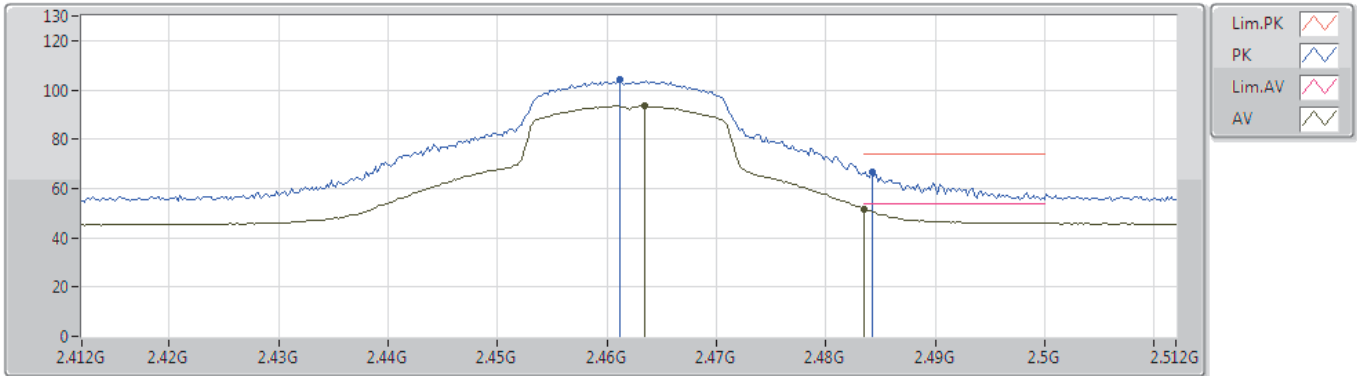
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4608G	93.67	Inf	-Inf	32.38	3	Vertical	29	1.95	-	61.29	27.58	4.80	-
AV	2.4835G	51.93	54.00	-2.07	32.48	3	Vertical	29	1.95	-	19.45	27.65	4.83	-
PK	2.4604G	104.34	Inf	-Inf	32.38	3	Vertical	29	1.95	-	71.96	27.58	4.80	-
PK	2.4835G	67.71	74.00	-6.29	32.48	3	Vertical	29	1.95	-	35.23	27.65	4.83	-



802.11n HT20_Nss1,(MCS0)_1TX

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2462MHz_TX



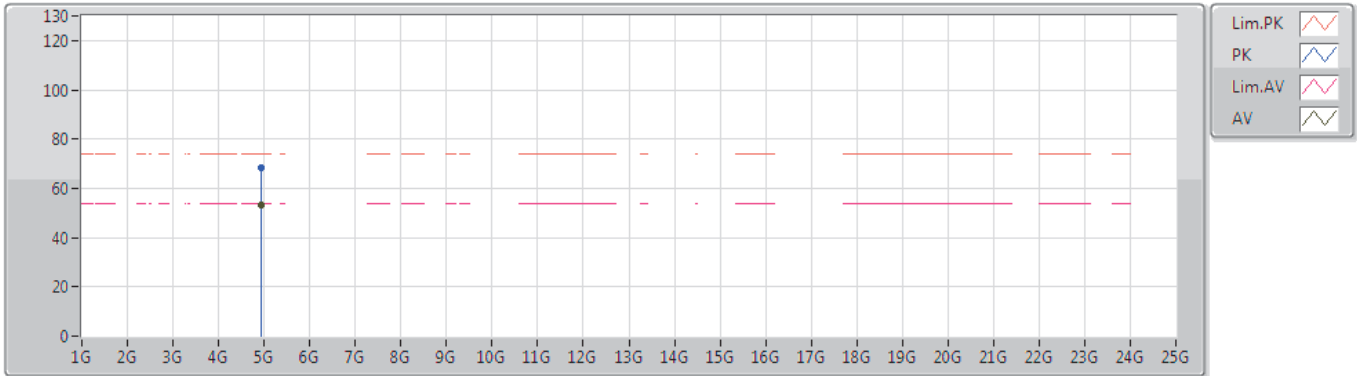
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AV	2.4634G	93.40	Inf	-Inf	32.39	3	Horizontal	260	2.10	-	61.01	27.59	4.80	-
AV	2.4835G	51.66	54.00	-2.34	32.48	3	Horizontal	260	2.10	-	19.18	27.65	4.83	-
PK	2.4612G	104.36	Inf	-Inf	32.38	3	Horizontal	260	2.10	-	71.98	27.58	4.80	-
PK	2.4842G	66.69	74.00	-7.31	32.48	3	Horizontal	260	2.10	-	34.21	27.65	4.83	-



802.11n HT20_Nss1,(MCS0)_1TX

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2462MHz_TX



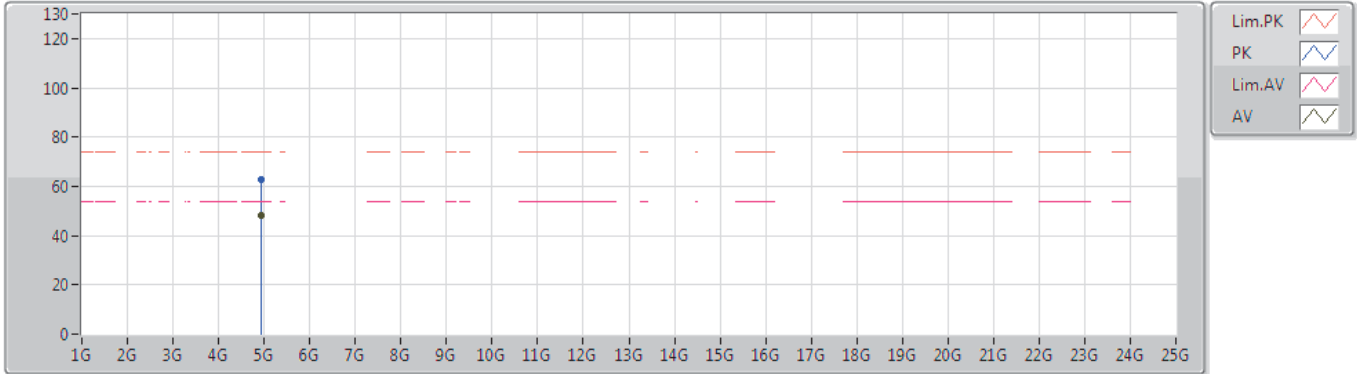
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92286G	53.49	54.00	-0.51	3.93	3	Vertical	163	1.98	-	49.56	31.56	6.82	34.45
PK	4.92226G	68.48	74.00	-5.52	3.93	3	Vertical	163	1.98	-	64.55	31.56	6.82	34.45



802.11n HT20_Nss1,(MCS0)_1TX

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2462MHz_TX



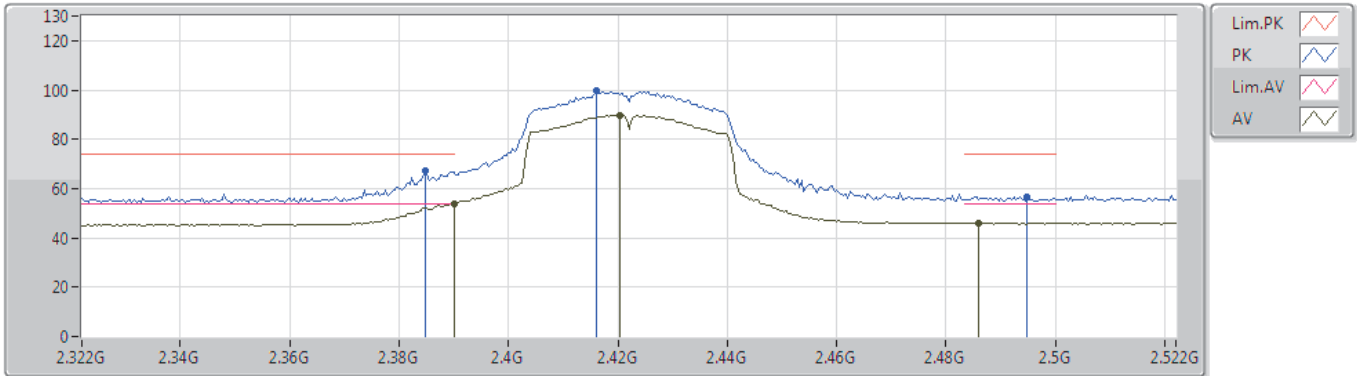
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AV	4.92388G	47.99	54.00	-6.01	3.93	3	Horizontal	59	1.68	-	44.06	31.56	6.82	34.45
PK	4.92226G	62.66	74.00	-11.34	3.93	3	Horizontal	59	1.68	-	58.73	31.56	6.82	34.45



802.11n HT40_Nss1,(MCS0)_1TX

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2422MHz_TX



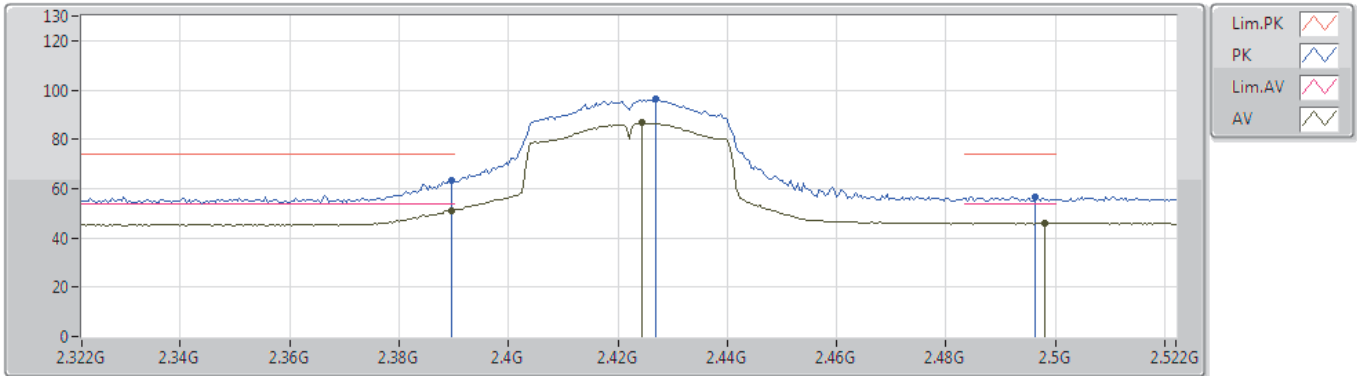
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.72	54.00	-0.28	32.09	3	Vertical	312	1.67	-	21.63	27.37	4.72	-
AV	2.4204G	89.56	Inf	-Inf	32.21	3	Vertical	312	1.67	-	57.35	27.46	4.75	-
AV	2.486G	45.99	54.00	-8.01	32.49	3	Vertical	312	1.67	-	13.50	27.66	4.83	-
PK	2.3848G	67.33	74.00	-6.67	32.06	3	Vertical	312	1.67	-	35.27	27.35	4.71	-
PK	2.416G	99.60	Inf	-Inf	32.20	3	Vertical	312	1.67	-	67.40	27.45	4.75	-
PK	2.4948G	56.69	74.00	-17.31	32.52	3	Vertical	312	1.67	-	24.17	27.68	4.84	-



802.11n HT40_Nss1,(MCS0)_1TX

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2422MHz_TX



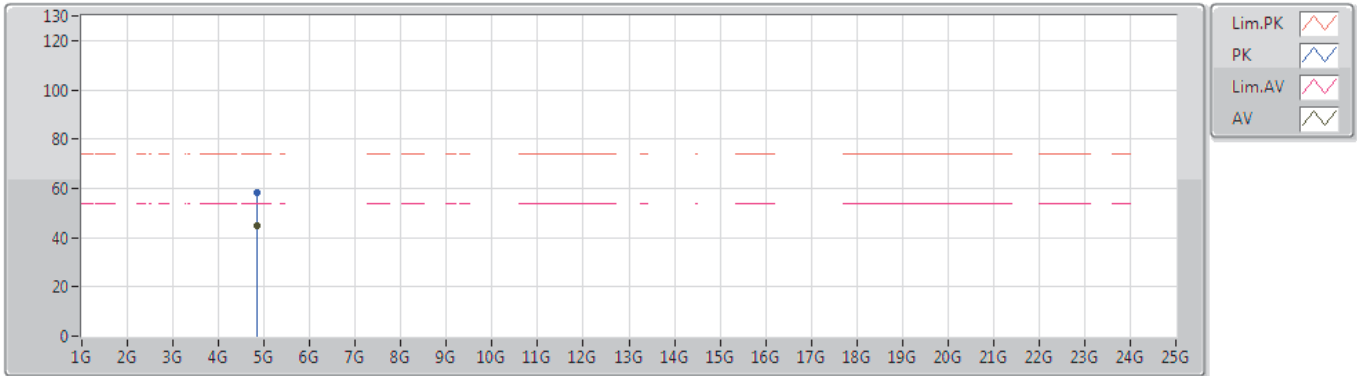
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AV	2.3896G	51.10	54.00	-2.90	32.09	3	Horizontal	64	1.02	-	19.01	27.37	4.72	-
AV	2.4244G	86.65	Inf	-Inf	32.23	3	Horizontal	64	1.02	-	54.42	27.47	4.76	-
AV	2.498G	46.10	54.00	-7.90	32.53	3	Horizontal	64	1.02	-	13.57	27.69	4.84	-
PK	2.3896G	63.43	74.00	-10.57	32.09	3	Horizontal	64	1.02	-	31.34	27.37	4.72	-
PK	2.4268G	96.49	Inf	-Inf	32.24	3	Horizontal	64	1.02	-	64.25	27.48	4.76	-
PK	2.4964G	56.51	74.00	-17.49	32.53	3	Horizontal	64	1.02	-	23.98	27.69	4.84	-



802.11n HT40_Nss1,(MCS0)_1TX

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2422MHz_TX



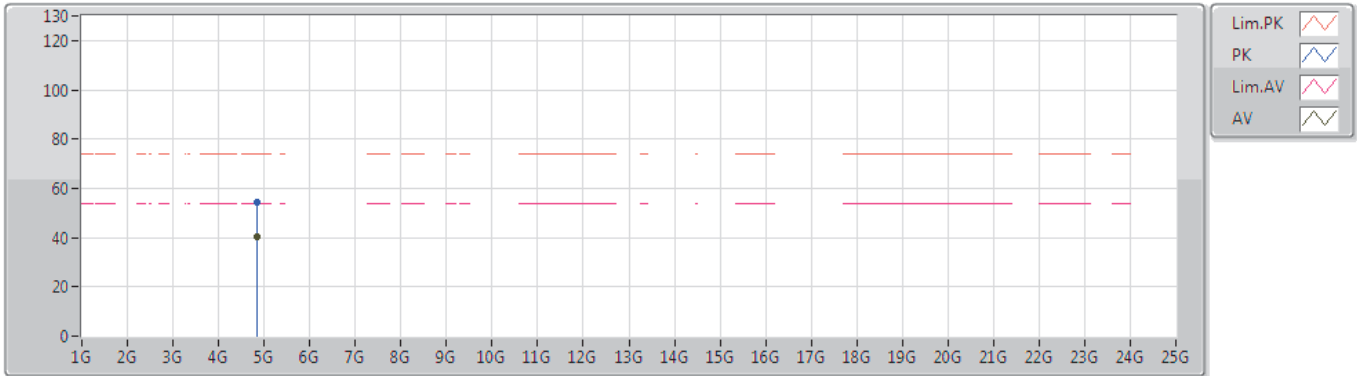
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8418G	45.10	54.00	-8.90	3.74	3	Vertical	215	1.49	-	41.36	31.42	6.80	34.48
PK	4.8402G	58.52	74.00	-15.48	3.73	3	Vertical	215	1.49	-	54.79	31.41	6.80	34.48



802.11n HT40_Nss1,(MCS0)_1TX

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2422MHz_TX



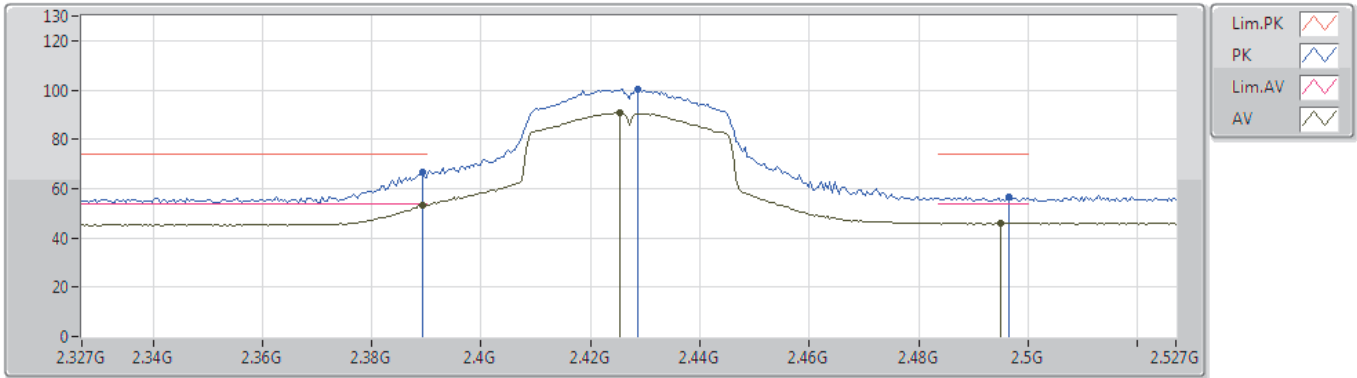
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8462G	40.54	54.00	-13.46	3.74	3	Horizontal	56	1.67	-	36.80	31.42	6.80	34.48
PK	4.845G	54.45	74.00	-19.55	3.74	3	Horizontal	56	1.67	-	50.71	31.42	6.80	34.48



802.11n HT40_Nss1,(MCS0)_1TX

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2427MHz_TX



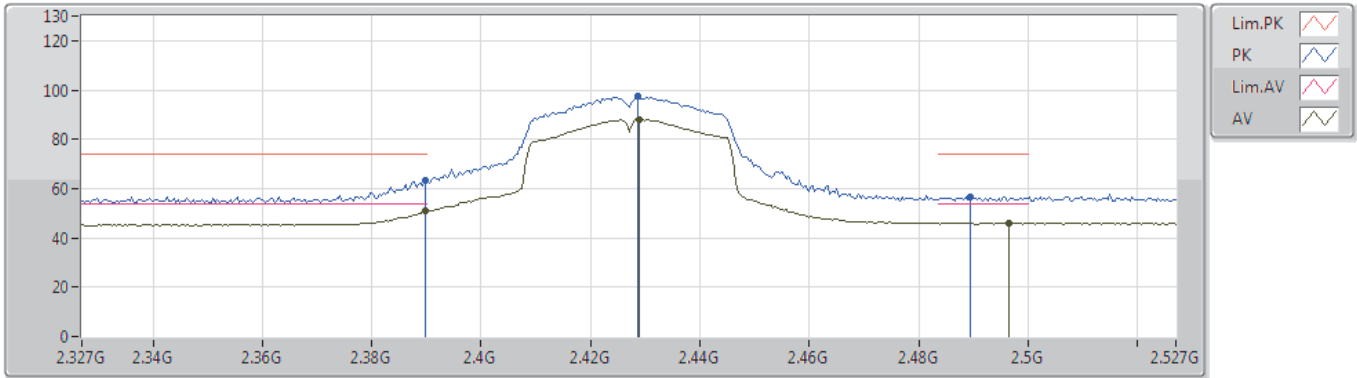
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.37	54.00	-0.63	32.09	3	Vertical	312	1.62	-	21.28	27.37	4.72	-
AV	2.4254G	90.80	Inf	-Inf	32.24	3	Vertical	312	1.62	-	58.56	27.48	4.76	-
AV	2.495G	46.02	54.00	-7.98	32.52	3	Vertical	312	1.62	-	13.50	27.68	4.84	-
PK	2.3894G	66.45	74.00	-7.55	32.09	3	Vertical	312	1.62	-	34.36	27.37	4.72	-
PK	2.4286G	100.17	Inf	-Inf	32.25	3	Vertical	312	1.62	-	67.92	27.49	4.76	-
PK	2.4966G	56.72	74.00	-17.28	32.53	3	Vertical	312	1.62	-	24.19	27.69	4.84	-



802.11n HT40_Nss1,(MCS0)_1TX

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2427MHz_TX



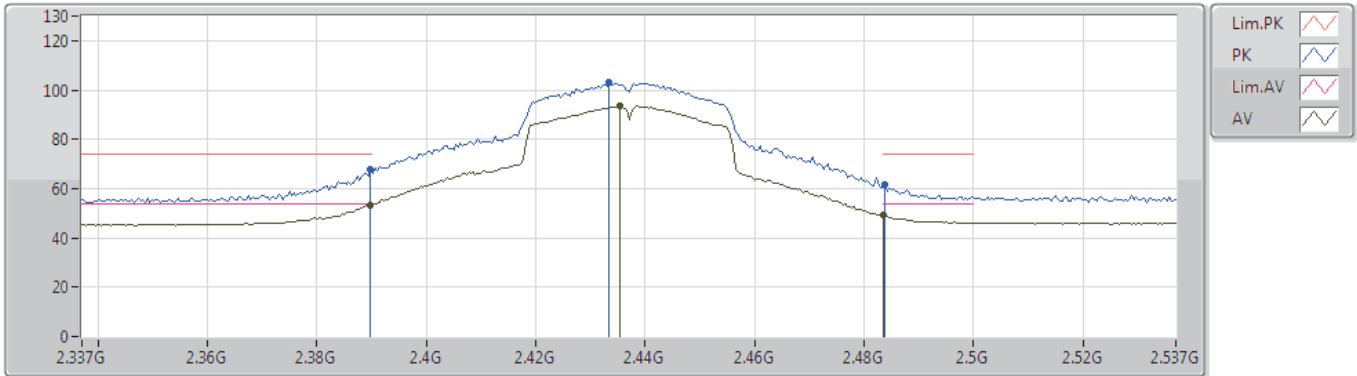
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.91	54.00	-3.09	32.09	3	Horizontal	68	1.03	-	18.82	27.37	4.72	-
AV	2.429G	87.90	Inf	-Inf	32.25	3	Horizontal	68	1.03	-	55.65	27.49	4.76	-
AV	2.4966G	45.91	54.00	-8.09	32.53	3	Horizontal	68	1.03	-	13.38	27.69	4.84	-
PK	2.3898G	63.18	74.00	-10.82	32.09	3	Horizontal	68	1.03	-	31.09	27.37	4.72	-
PK	2.4286G	97.60	Inf	-Inf	32.25	3	Horizontal	68	1.03	-	65.35	27.49	4.76	-
PK	2.4894G	56.76	74.00	-17.24	32.50	3	Horizontal	68	1.03	-	24.26	27.67	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_TX



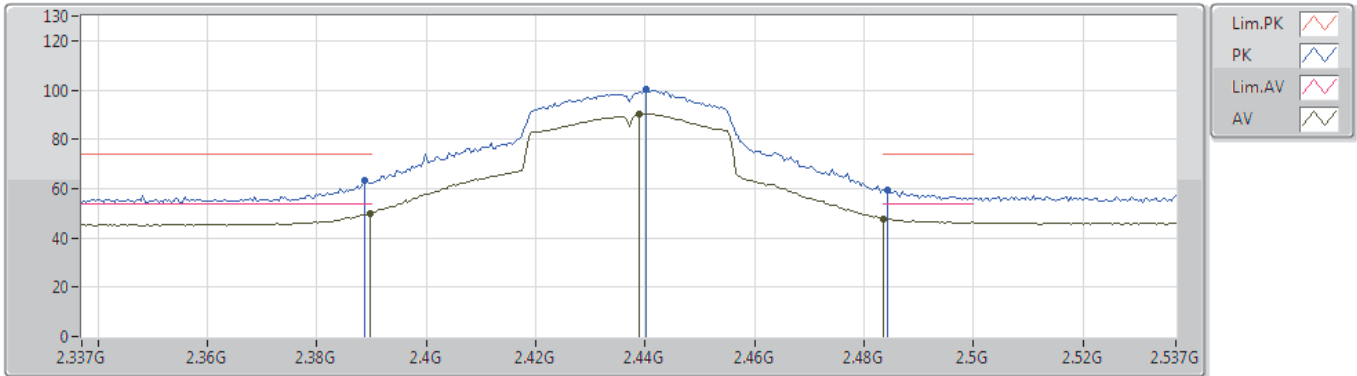
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.33	54.00	-0.67	32.09	3	Vertical	328	1.45	-	21.24	27.37	4.72	-
AV	2.4354G	93.37	Inf	-Inf	32.28	3	Vertical	328	1.45	-	61.09	27.51	4.77	-
AV	2.4835G	49.10	54.00	-4.90	32.48	3	Vertical	328	1.45	-	16.62	27.65	4.83	-
PK	2.3898G	67.80	74.00	-6.20	32.09	3	Vertical	328	1.45	-	35.71	27.37	4.72	-
PK	2.4334G	103.09	Inf	-Inf	32.27	3	Vertical	328	1.45	-	70.82	27.50	4.77	-
PK	2.4838G	61.40	74.00	-12.60	32.48	3	Vertical	328	1.45	-	28.92	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_TX



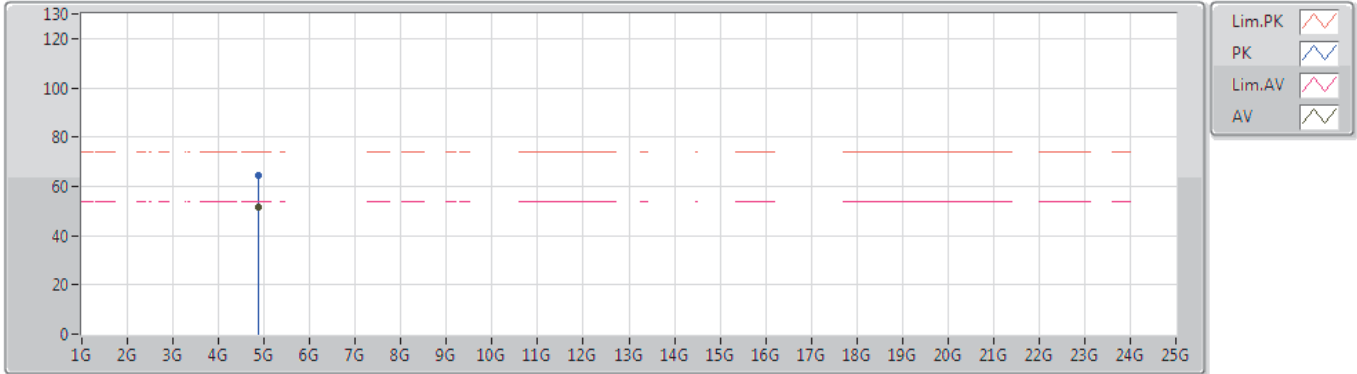
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.04	54.00	-3.96	32.09	3	Horizontal	63	1.14	-	17.95	27.37	4.72	-
AV	2.439G	90.31	Inf	-Inf	32.30	3	Horizontal	63	1.14	-	58.01	27.52	4.78	-
AV	2.4835G	47.85	54.00	-6.15	32.48	3	Horizontal	63	1.14	-	15.37	27.65	4.83	-
PK	2.3886G	63.22	74.00	-10.78	32.09	3	Horizontal	63	1.14	-	31.13	27.37	4.72	-
PK	2.4402G	100.06	Inf	-Inf	32.30	3	Horizontal	63	1.14	-	67.76	27.52	4.78	-
PK	2.4842G	59.50	74.00	-14.50	32.48	3	Horizontal	63	1.14	-	27.02	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_TX



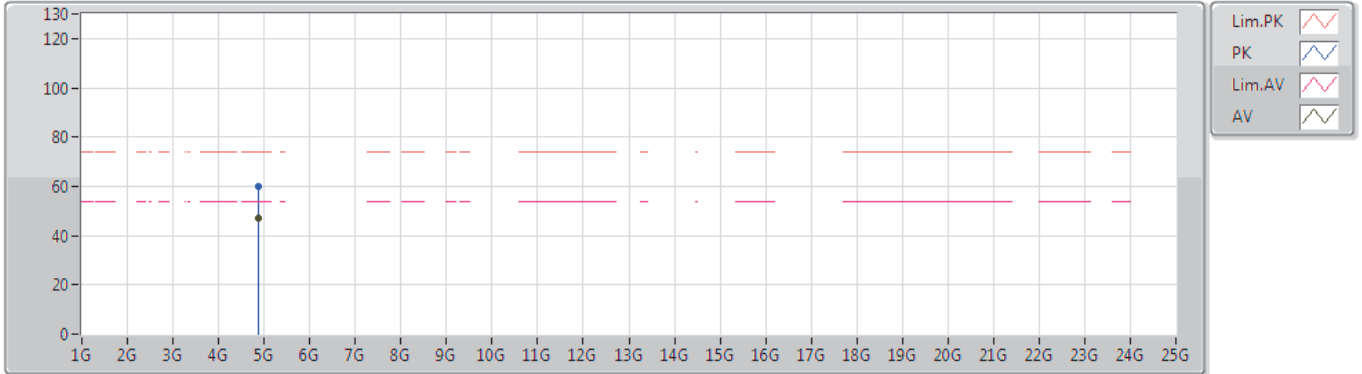
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8742G	51.49	54.00	-2.51	3.81	3	Vertical	219	1.55	-	47.68	31.47	6.81	34.47
PK	4.8746G	64.61	74.00	-9.39	3.81	3	Vertical	219	1.55	-	60.80	31.47	6.81	34.47



802.11n HT40_Nss1,(MCS0)_1TX

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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8726G	46.89	54.00	-7.11	3.81	3	Horizontal	59	2.14	-	43.08	31.47	6.81	34.47
PK	4.87G	60.11	74.00	-13.89	3.81	3	Horizontal	59	2.14	-	56.30	31.47	6.81	34.47

Remark :

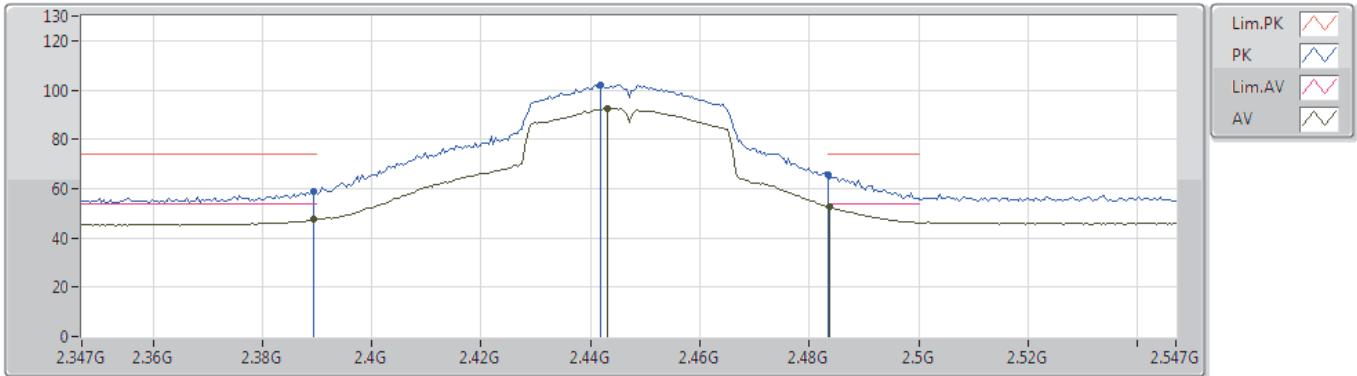
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



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2447MHz_TX



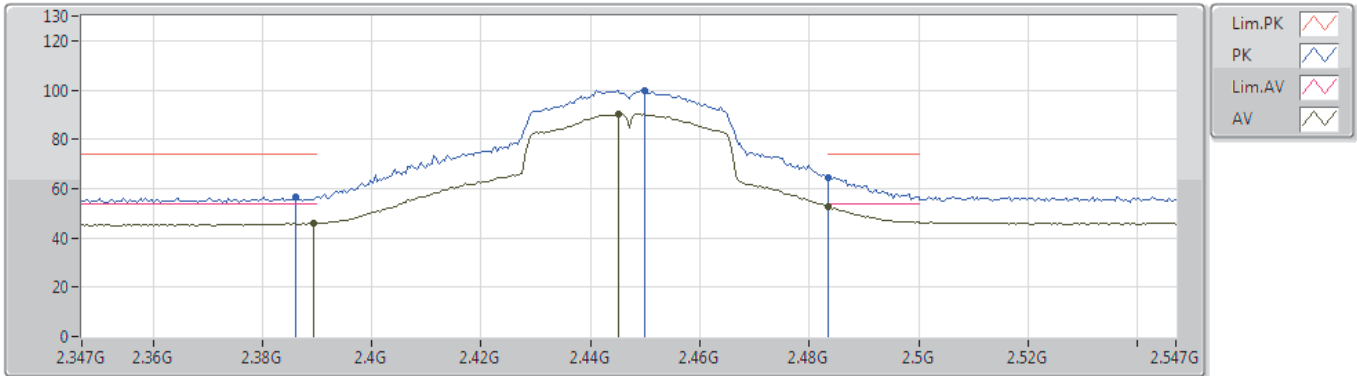
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	47.88	54.00	-6.12	32.09	3	Vertical	321	1.33	-	15.79	27.37	4.72	-
AV	2.443G	92.38	Inf	-Inf	32.31	3	Vertical	321	1.33	-	60.07	27.53	4.78	-
AV	2.4838G	52.65	54.00	-1.35	32.48	3	Vertical	321	1.33	-	20.17	27.65	4.83	-
PK	2.3894G	58.85	74.00	-15.15	32.09	3	Vertical	321	1.33	-	26.76	27.37	4.72	-
PK	2.4418G	102.04	Inf	-Inf	32.31	3	Vertical	321	1.33	-	69.73	27.53	4.78	-
PK	2.4835G	65.36	Inf	-Inf	32.48	3	Vertical	321	1.33	-	32.88	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

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2447MHz_TX



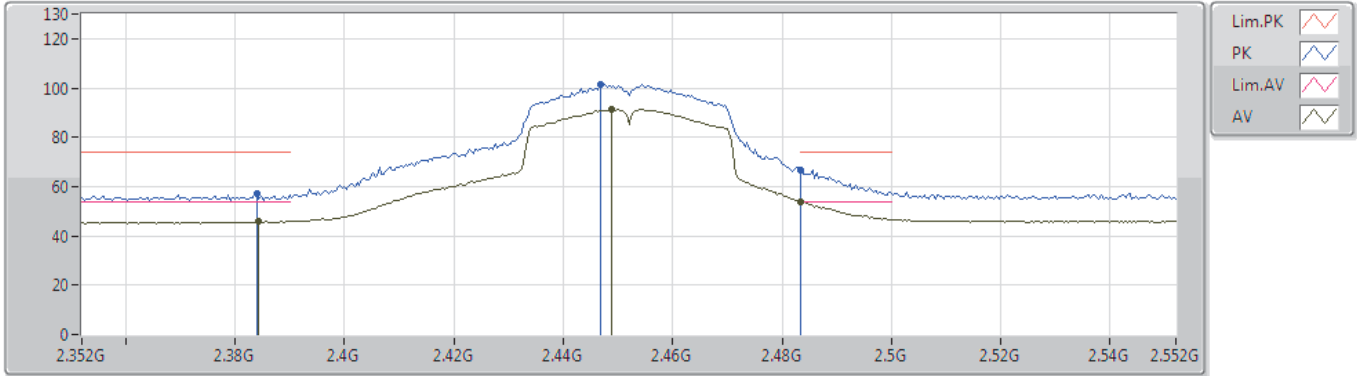
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	46.05	54.00	-7.95	32.09	3	Horizontal	75	2.19	-	13.96	27.37	4.72	-
AV	2.445G	90.27	Inf	-Inf	32.32	3	Horizontal	75	2.19	-	57.95	27.54	4.78	-
AV	2.4835G	52.53	54.00	-1.47	32.48	3	Horizontal	75	2.19	-	20.05	27.65	4.83	-
PK	2.3862G	56.64	74.00	-17.36	32.07	3	Horizontal	75	2.19	-	24.57	27.36	4.71	-
PK	2.4498G	99.83	Inf	-Inf	32.34	3	Horizontal	75	2.19	-	67.49	27.55	4.79	-
PK	2.4835G	64.71	74.00	-9.29	32.48	3	Horizontal	75	2.19	-	32.23	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

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2452MHz_TX



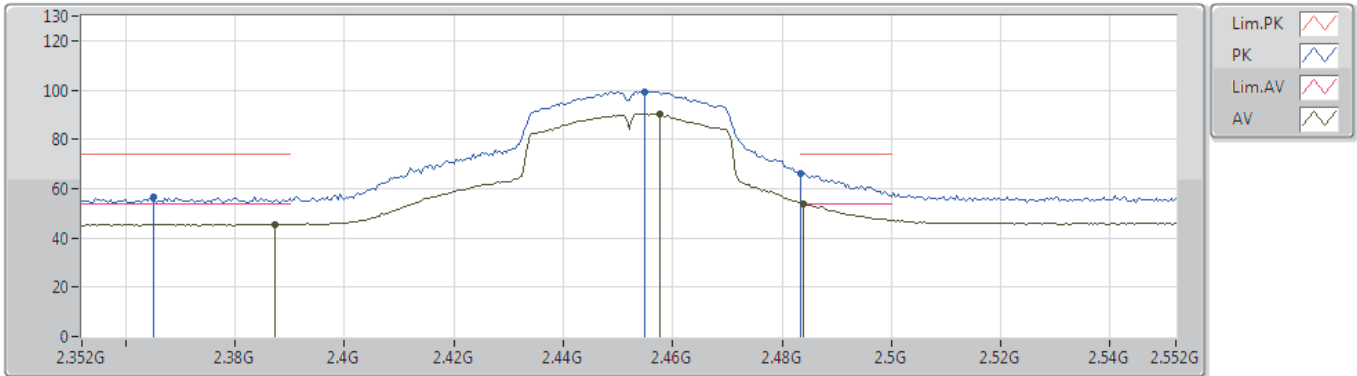
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3844G	45.80	54.00	-8.20	32.06	3	Vertical	331	2.13	-	13.74	27.35	4.71	-
AV	2.4488G	91.27	Inf	-Inf	32.34	3	Vertical	331	2.13	-	58.93	27.55	4.79	-
AV	2.4835G	53.69	54.00	-0.31	32.48	3	Vertical	331	2.13	-	21.21	27.65	4.83	-
PK	2.384G	56.90	74.00	-17.10	32.06	3	Vertical	331	2.13	-	24.84	27.35	4.71	-
PK	2.4468G	101.59	Inf	-Inf	32.32	3	Vertical	331	2.13	-	69.27	27.54	4.78	-
PK	2.4835G	66.71	74.00	-7.29	32.48	3	Vertical	331	2.13	-	34.23	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

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2452MHz_TX



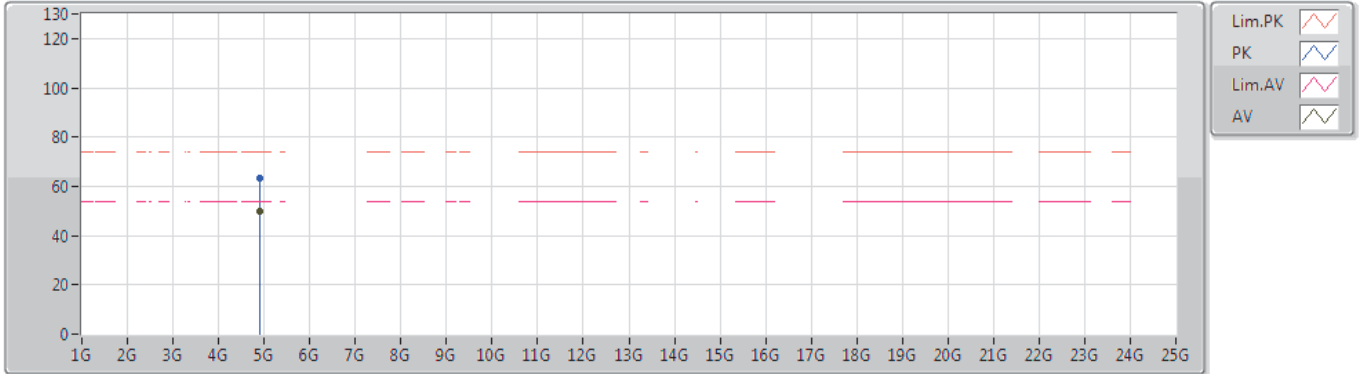
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AV	2.3872G	45.45	54.00	-8.55	32.08	3	Horizontal	254	2.13	-	13.37	27.36	4.72	-
AV	2.4576G	90.21	Inf	-Inf	32.37	3	Horizontal	254	2.13	-	57.84	27.57	4.80	-
AV	2.484G	53.60	54.00	-0.40	32.48	3	Horizontal	254	2.13	-	21.12	27.65	4.83	-
PK	2.3652G	56.67	74.00	-17.33	31.99	3	Horizontal	254	2.13	-	24.68	27.30	4.69	-
PK	2.4548G	99.32	Inf	-Inf	32.35	3	Horizontal	254	2.13	-	66.97	27.56	4.79	-
PK	2.4835G	66.22	74.00	-7.78	32.48	3	Horizontal	254	2.13	-	33.74	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

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2452MHz_TX



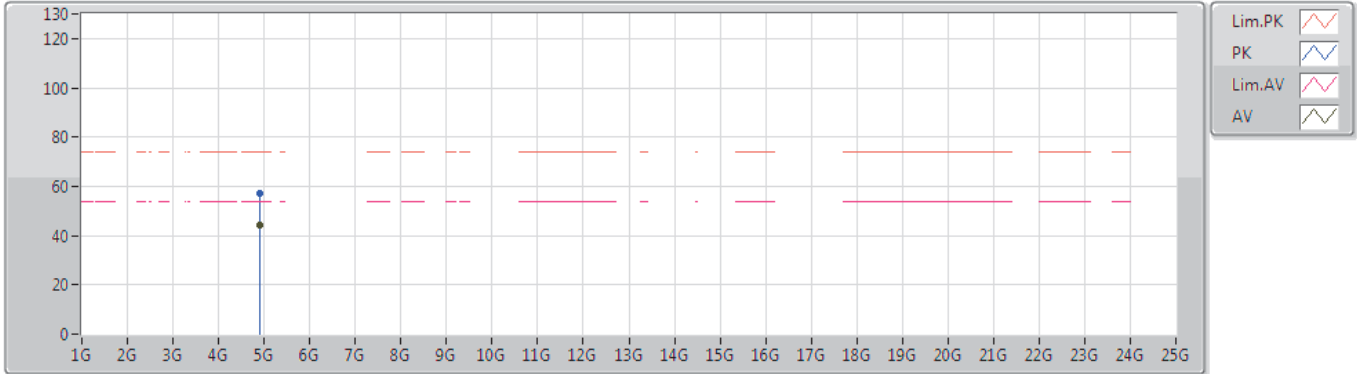
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9038G	49.74	54.00	-4.26	3.89	3	Vertical	216	1.57	-	45.85	31.53	6.82	34.46
PK	4.9038G	63.40	74.00	-10.60	3.89	3	Vertical	216	1.57	-	59.51	31.53	6.82	34.46



802.11n HT40_Nss1,(MCS0)_1TX

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2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9038G	44.19	54.00	-9.81	3.89	3	Horizontal	59	2.06	-	40.30	31.53	6.82	34.46
PK	4.9046G	57.17	74.00	-16.83	3.89	3	Horizontal	59	2.06	-	53.28	31.53	6.82	34.46



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	743.92M	42.02	46.00	-3.98	0.82	3	Horizontal	0	1.00	-



Result

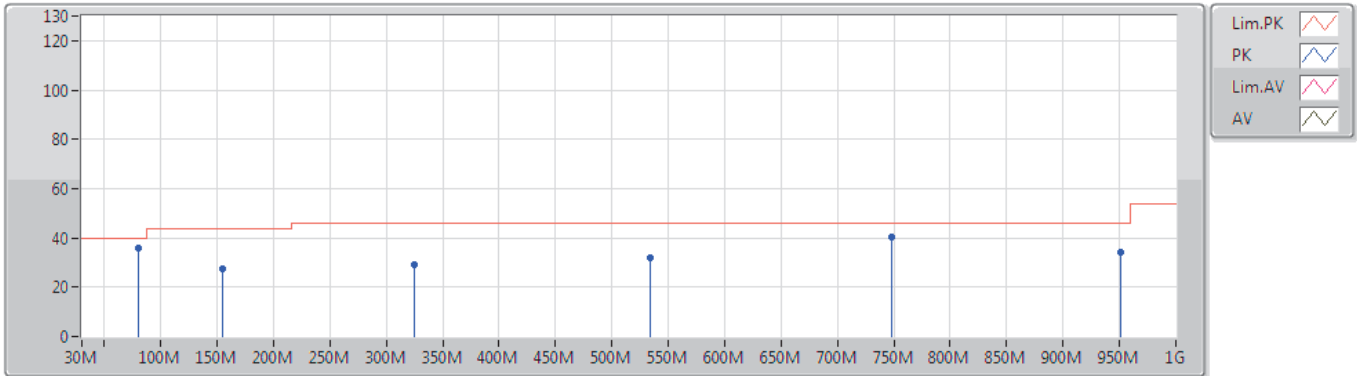
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	80.44M	36.01	40.00	-3.99	-14.64	3	Vertical	360	1.00	-
2437MHz	Pass	PK	154.16M	27.22	43.50	-16.28	-10.35	3	Vertical	360	1.00	-
2437MHz	Pass	PK	324.88M	29.05	46.00	-16.95	-5.46	3	Vertical	360	1.00	-
2437MHz	Pass	PK	534.4M	31.96	46.00	-14.04	-1.63	3	Vertical	360	1.00	-
2437MHz	Pass	PK	747.8M	40.25	46.00	-5.75	0.87	3	Vertical	360	1.00	-
2437MHz	Pass	PK	951.5M	34.15	46.00	-11.85	3.55	3	Vertical	360	1.00	-
2437MHz	Pass	PK	80.44M	33.96	40.00	-6.04	-14.64	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	156.1M	28.61	43.50	-14.89	-10.42	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	278.32M	26.81	46.00	-19.19	-6.28	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	369.5M	36.39	46.00	-9.61	-4.52	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	553.8M	26.72	46.00	-19.28	-1.02	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	743.92M	42.02	46.00	-3.98	0.82	3	Horizontal	0	1.00	-



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_PoE



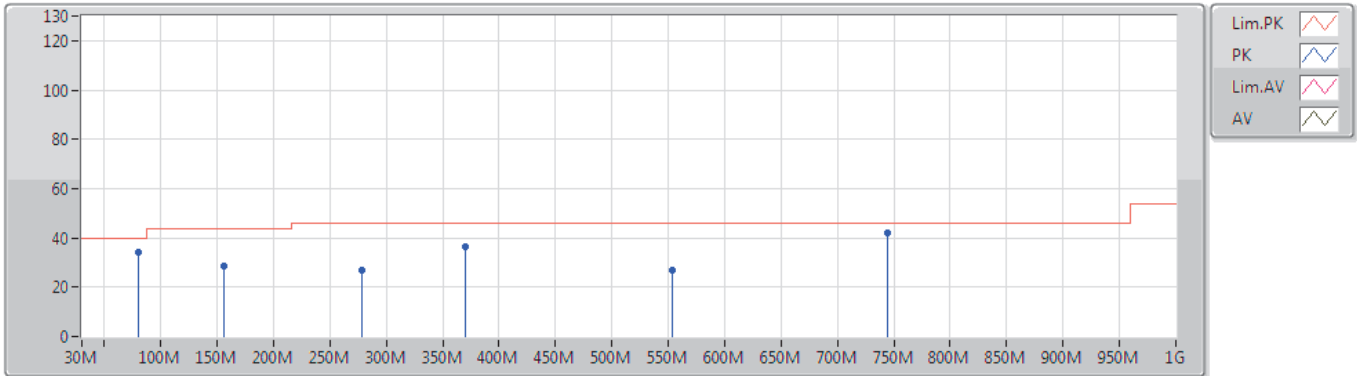
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	80.44M	36.01	40.00	-3.99	-14.64	3	Vertical	360	1.00	-	50.65	11.90	1.25	27.79
PK	154.16M	27.22	43.50	-16.28	-10.35	3	Vertical	360	1.00	-	37.57	15.33	1.88	27.56
PK	324.88M	29.05	46.00	-16.95	-5.46	3	Vertical	360	1.00	-	34.51	18.78	3.05	27.29
PK	534.4M	31.96	46.00	-14.04	-1.63	3	Vertical	360	1.00	-	33.59	23.27	3.50	28.40
PK	747.8M	40.25	46.00	-5.75	0.87	3	Vertical	360	1.00	-	39.38	24.89	4.12	28.14
PK	951.5M	34.15	46.00	-11.85	3.55	3	Vertical	360	1.00	-	30.60	26.06	4.87	27.38



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	80.44M	33.96	40.00	-6.04	-14.64	3	Horizontal	0	1.00	-	48.60	11.90	1.25	27.79
PK	156.1M	28.61	43.50	-14.89	-10.42	3	Horizontal	0	1.00	-	39.03	15.23	1.91	27.56
PK	278.32M	26.81	46.00	-19.19	-6.28	3	Horizontal	0	1.00	-	33.09	18.03	2.87	27.18
PK	369.5M	36.39	46.00	-9.61	-4.52	3	Horizontal	0	1.00	-	40.91	19.96	3.14	27.62
PK	553.8M	26.72	46.00	-19.28	-1.02	3	Horizontal	0	1.00	-	27.74	23.79	3.60	28.41
PK	743.92M	42.02	46.00	-3.98	0.82	3	Horizontal	0	1.00	-	41.20	24.86	4.11	28.15



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	76.56M	36.83	40.00	-3.17	-15.15	3	Vertical	0	1.00	-



Result

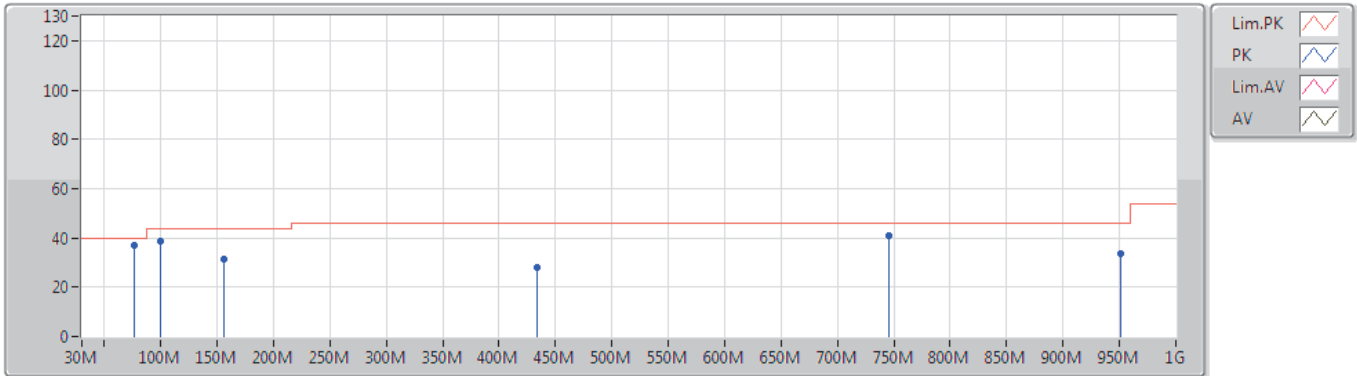
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	76.56M	36.83	40.00	-3.17	-15.15	3	Vertical	0	1.00	-
2437MHz	Pass	PK	99.84M	38.56	43.50	-4.94	-10.24	3	Vertical	0	1.00	-
2437MHz	Pass	PK	156.1M	31.45	43.50	-12.05	-10.42	3	Vertical	0	1.00	-
2437MHz	Pass	PK	433.52M	28.03	46.00	-17.97	-2.97	3	Vertical	0	1.00	-
2437MHz	Pass	PK	745.86M	40.77	46.00	-5.23	0.85	3	Vertical	0	1.00	-
2437MHz	Pass	PK	951.5M	33.58	46.00	-12.42	3.55	3	Vertical	0	1.00	-
2437MHz	Pass	PK	80.44M	35.34	40.00	-4.66	-14.64	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	156.1M	32.51	43.50	-10.99	-10.42	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	324.88M	31.56	46.00	-14.44	-5.46	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	445.16M	29.64	46.00	-16.36	-2.96	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	741.98M	41.82	46.00	-4.18	0.80	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	953.44M	33.77	46.00	-12.23	3.58	3	Horizontal	360	1.00	-



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_PoE



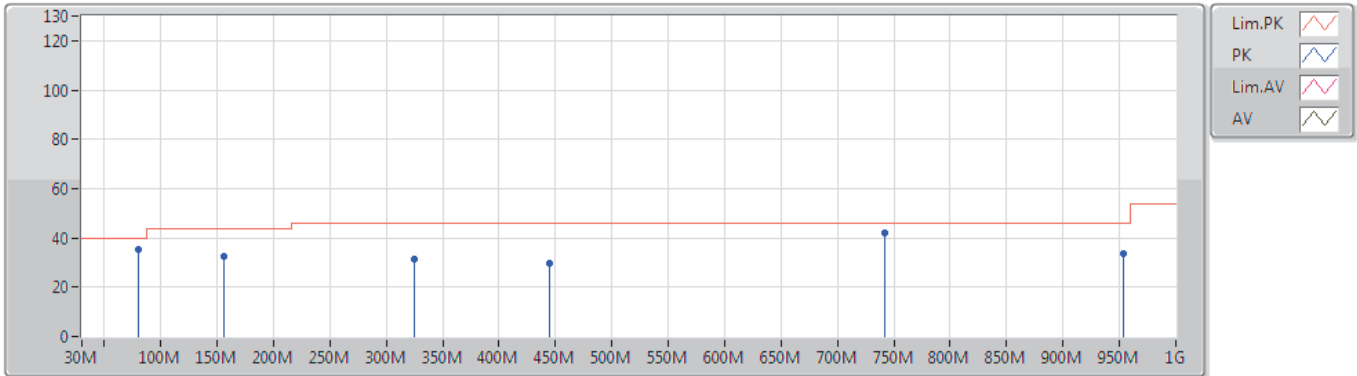
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	76.56M	36.83	40.00	-3.17	-15.15	3	Vertical	0	1.00	-	51.98	11.46	1.18	27.79
PK	99.84M	38.56	43.50	-4.94	-10.24	3	Vertical	0	1.00	-	48.80	16.07	1.47	27.78
PK	156.1M	31.45	43.50	-12.05	-10.42	3	Vertical	0	1.00	-	41.87	15.23	1.91	27.56
PK	433.52M	28.03	46.00	-17.97	-2.97	3	Vertical	0	1.00	-	31.00	21.83	3.21	28.01
PK	745.86M	40.77	46.00	-5.23	0.85	3	Vertical	0	1.00	-	39.92	24.87	4.12	28.14
PK	951.5M	33.58	46.00	-12.42	3.55	3	Vertical	0	1.00	-	30.03	26.06	4.87	27.38



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	80.44M	35.34	40.00	-4.66	-14.64	3	Horizontal	360	1.00	-	49.98	11.90	1.25	27.79
PK	156.1M	32.51	43.50	-10.99	-10.42	3	Horizontal	360	1.00	-	42.93	15.23	1.91	27.56
PK	324.88M	31.56	46.00	-14.44	-5.46	3	Horizontal	360	1.00	-	37.02	18.78	3.05	27.29
PK	445.16M	29.64	46.00	-16.36	-2.96	3	Horizontal	360	1.00	-	32.60	21.89	3.23	28.08
PK	741.98M	41.82	46.00	-4.18	0.80	3	Horizontal	360	1.00	-	41.02	24.84	4.11	28.15
PK	953.44M	33.77	46.00	-12.23	3.58	3	Horizontal	360	1.00	-	30.19	26.08	4.88	27.38



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.92394G	53.96	54.00	-0.04	3.93	3	Vertical	170	1.78	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.39G	53.77	54.00	-0.23	32.09	3	Horizontal	52	1.70	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.39G	53.60	54.00	-0.40	32.09	3	Vertical	13	2.13	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.3896G	53.91	54.00	-0.09	32.09	3	Horizontal	57	2.09	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3728G	45.00	54.00	-9.00	32.02	3	Vertical	8	2.10	-
2412MHz	Pass	AV	2.4112G	91.46	Inf	-Inf	32.17	3	Vertical	8	2.10	-
2412MHz	Pass	PK	2.3756G	56.99	74.00	-17.01	32.03	3	Vertical	8	2.10	-
2412MHz	Pass	PK	2.413G	95.06	Inf	-Inf	32.19	3	Vertical	8	2.10	-
2412MHz	Pass	AV	2.3728G	45.17	54.00	-8.83	32.02	3	Horizontal	53	1.68	-
2412MHz	Pass	AV	2.4112G	94.45	Inf	-Inf	32.17	3	Horizontal	53	1.68	-
2412MHz	Pass	PK	2.3694G	56.90	74.00	-17.10	32.00	3	Horizontal	53	1.68	-
2412MHz	Pass	PK	2.413G	98.52	Inf	-Inf	32.19	3	Horizontal	53	1.68	-
2412MHz	Pass	AV	4.82395G	53.08	54.00	-0.92	3.69	3	Vertical	224	1.69	-
2412MHz	Pass	PK	4.82393G	55.71	74.00	-18.29	3.69	3	Vertical	224	1.69	-
2412MHz	Pass	AV	4.82395G	47.94	54.00	-6.06	3.69	3	Horizontal	48	1.47	-
2412MHz	Pass	PK	4.82396G	51.78	74.00	-22.22	3.69	3	Horizontal	48	1.47	-
2437MHz	Pass	AV	2.3874G	44.87	54.00	-9.13	32.08	3	Vertical	13	2.49	-
2437MHz	Pass	AV	2.4362G	90.77	Inf	-Inf	32.28	3	Vertical	13	2.49	-
2437MHz	Pass	AV	2.4882G	45.35	54.00	-8.65	32.49	3	Vertical	13	2.49	-
2437MHz	Pass	PK	2.3458G	56.72	74.00	-17.28	31.91	3	Vertical	13	2.49	-
2437MHz	Pass	PK	2.4362G	94.44	Inf	-Inf	32.28	3	Vertical	13	2.49	-
2437MHz	Pass	PK	2.4942G	57.26	74.00	-16.74	32.52	3	Vertical	13	2.49	-
2437MHz	Pass	AV	2.3882G	44.97	54.00	-9.03	32.08	3	Horizontal	56	1.86	-
2437MHz	Pass	AV	2.4378G	94.36	Inf	-Inf	32.28	3	Horizontal	56	1.86	-
2437MHz	Pass	AV	2.4838G	45.44	54.00	-8.56	32.48	3	Horizontal	56	1.86	-
2437MHz	Pass	PK	2.3478G	56.82	74.00	-17.18	31.91	3	Horizontal	56	1.86	-
2437MHz	Pass	PK	2.4378G	98.34	Inf	-Inf	32.28	3	Horizontal	56	1.86	-
2437MHz	Pass	PK	2.4998G	57.25	74.00	-16.75	32.55	3	Horizontal	56	1.86	-
2437MHz	Pass	AV	4.87394G	53.80	54.00	-0.20	3.81	3	Vertical	172	1.76	-
2437MHz	Pass	PK	4.87393G	56.39	74.00	-17.61	3.81	3	Vertical	172	1.76	-
2437MHz	Pass	AV	4.87396G	47.33	54.00	-6.67	3.81	3	Horizontal	43	1.67	-
2437MHz	Pass	PK	4.87392G	51.09	74.00	-22.91	3.81	3	Horizontal	43	1.67	-
2462MHz	Pass	AV	2.4612G	91.83	Inf	-Inf	32.38	3	Vertical	13	2.02	-
2462MHz	Pass	AV	2.499G	45.48	54.00	-8.52	32.55	3	Vertical	13	2.02	-
2462MHz	Pass	PK	2.463G	95.65	Inf	-Inf	32.39	3	Vertical	13	2.02	-
2462MHz	Pass	PK	2.4852G	57.62	74.00	-16.38	32.49	3	Vertical	13	2.02	-
2462MHz	Pass	AV	2.4612G	93.95	Inf	-Inf	32.38	3	Horizontal	55	1.64	-
2462MHz	Pass	AV	2.4862G	45.56	54.00	-8.44	32.49	3	Horizontal	55	1.64	-
2462MHz	Pass	PK	2.463G	97.78	Inf	-Inf	32.39	3	Horizontal	55	1.64	-
2462MHz	Pass	PK	2.4838G	57.47	74.00	-16.53	32.48	3	Horizontal	55	1.64	-
2462MHz	Pass	AV	4.92394G	53.96	54.00	-0.04	3.93	3	Vertical	170	1.78	-
2462MHz	Pass	PK	4.92394G	56.44	74.00	-17.56	3.93	3	Vertical	170	1.78	-
2462MHz	Pass	AV	4.92395G	47.83	54.00	-6.17	3.93	3	Horizontal	30	1.50	-
2462MHz	Pass	PK	4.92392G	51.26	74.00	-22.74	3.93	3	Horizontal	30	1.50	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.43	54.00	-2.57	32.09	3	Vertical	355	2.42	-
2412MHz	Pass	AV	2.4132G	92.73	Inf	-Inf	32.19	3	Vertical	355	2.42	-
2412MHz	Pass	PK	2.3894G	66.43	74.00	-7.57	32.09	3	Vertical	355	2.42	-
2412MHz	Pass	PK	2.415G	103.48	Inf	-Inf	32.20	3	Vertical	355	2.42	-
2412MHz	Pass	AV	2.39G	53.77	54.00	-0.23	32.09	3	Horizontal	52	1.70	-
2412MHz	Pass	AV	2.4134G	95.98	Inf	-Inf	32.19	3	Horizontal	52	1.70	-

Remark :

Page No. : F2 of F62

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.39G	69.66	74.00	-4.34	32.09	3	Horizontal	52	1.70	-
2412MHz	Pass	PK	2.4142G	106.99	Inf	-Inf	32.19	3	Horizontal	52	1.70	-
2412MHz	Pass	AV	4.82448G	50.52	54.00	-3.48	3.69	3	Vertical	226	1.69	-
2412MHz	Pass	PK	4.82268G	65.20	74.00	-8.80	3.69	3	Vertical	226	1.69	-
2412MHz	Pass	AV	4.82382G	45.33	54.00	-8.67	3.69	3	Horizontal	49	1.48	-
2412MHz	Pass	PK	4.82496G	60.26	74.00	-13.74	3.69	3	Horizontal	49	1.48	-
2417MHz	Pass	AV	2.39G	48.32	54.00	-5.68	32.09	3	Vertical	12	2.27	-
2417MHz	Pass	AV	2.416G	93.17	Inf	-Inf	32.20	3	Vertical	12	2.27	-
2417MHz	Pass	PK	2.3892G	64.37	74.00	-9.63	32.09	3	Vertical	12	2.27	-
2417MHz	Pass	PK	2.4198G	103.92	Inf	-Inf	32.21	3	Vertical	12	2.27	-
2417MHz	Pass	AV	2.39G	50.47	54.00	-3.53	32.09	3	Horizontal	59	2.04	-
2417MHz	Pass	AV	2.419G	96.82	Inf	-Inf	32.21	3	Horizontal	59	2.04	-
2417MHz	Pass	PK	2.3896G	68.63	74.00	-5.37	32.09	3	Horizontal	59	2.04	-
2417MHz	Pass	PK	2.4148G	107.16	Inf	-Inf	32.19	3	Horizontal	59	2.04	-
2437MHz	Pass	AV	2.3898G	45.21	54.00	-8.79	32.09	3	Vertical	1	2.72	-
2437MHz	Pass	AV	2.4382G	91.61	Inf	-Inf	32.28	3	Vertical	1	2.72	-
2437MHz	Pass	AV	2.485G	45.71	54.00	-8.29	32.48	3	Vertical	1	2.72	-
2437MHz	Pass	PK	2.3506G	56.56	74.00	-17.44	31.92	3	Vertical	1	2.72	-
2437MHz	Pass	PK	2.4358G	102.21	Inf	-Inf	32.28	3	Vertical	1	2.72	-
2437MHz	Pass	PK	2.4966G	56.60	74.00	-17.40	32.53	3	Vertical	1	2.72	-
2437MHz	Pass	AV	2.3898G	45.77	54.00	-8.23	32.09	3	Horizontal	60	2.29	-
2437MHz	Pass	AV	2.4362G	96.63	Inf	-Inf	32.28	3	Horizontal	60	2.29	-
2437MHz	Pass	AV	2.4835G	46.18	54.00	-7.82	32.48	3	Horizontal	60	2.29	-
2437MHz	Pass	PK	2.383G	57.13	74.00	-16.87	32.06	3	Horizontal	60	2.29	-
2437MHz	Pass	PK	2.4382G	107.63	Inf	-Inf	32.28	3	Horizontal	60	2.29	-
2437MHz	Pass	PK	2.4842G	57.41	74.00	-16.59	32.48	3	Horizontal	60	2.29	-
2437MHz	Pass	AV	4.87526G	53.44	54.00	-0.56	3.82	3	Vertical	169	1.82	-
2437MHz	Pass	PK	4.87472G	68.11	74.00	-5.89	3.81	3	Vertical	169	1.82	-
2437MHz	Pass	AV	4.8751G	46.73	54.00	-7.27	3.82	3	Horizontal	39	1.68	-
2437MHz	Pass	PK	4.8749G	61.26	74.00	-12.74	3.81	3	Horizontal	39	1.68	-
2462MHz	Pass	AV	2.4632G	94.46	Inf	-Inf	32.39	3	Vertical	14	2.02	-
2462MHz	Pass	AV	2.4835G	49.90	54.00	-4.10	32.48	3	Vertical	14	2.02	-
2462MHz	Pass	PK	2.4648G	104.69	Inf	-Inf	32.40	3	Vertical	14	2.02	-
2462MHz	Pass	PK	2.4836G	66.29	74.00	-7.71	32.48	3	Vertical	14	2.02	-
2462MHz	Pass	AV	2.4628G	96.70	Inf	-Inf	32.39	3	Horizontal	56	1.66	-
2462MHz	Pass	AV	2.4835G	52.78	54.00	-1.22	32.48	3	Horizontal	56	1.66	-
2462MHz	Pass	PK	2.4648G	107.30	Inf	-Inf	32.40	3	Horizontal	56	1.66	-
2462MHz	Pass	PK	2.4836G	69.32	74.00	-4.68	32.48	3	Horizontal	56	1.66	-
2462MHz	Pass	AV	4.92436G	53.51	54.00	-0.49	3.93	3	Vertical	167	1.88	-
2462MHz	Pass	PK	4.92508G	68.42	74.00	-5.58	3.94	3	Vertical	167	1.88	-
2462MHz	Pass	AV	4.92352G	46.66	54.00	-7.34	3.93	3	Horizontal	30	1.56	-
2462MHz	Pass	PK	4.92604G	61.23	74.00	-12.77	3.94	3	Horizontal	30	1.56	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.60	54.00	-0.40	32.09	3	Vertical	13	2.13	-
2412MHz	Pass	AV	2.4106G	92.73	Inf	-Inf	32.17	3	Vertical	13	2.13	-
2412MHz	Pass	PK	2.39G	69.66	74.00	-4.34	32.09	3	Vertical	13	2.13	-
2412MHz	Pass	PK	2.4116G	103.44	Inf	-Inf	32.17	3	Vertical	13	2.13	-
2412MHz	Pass	AV	2.39G	53.49	54.00	-0.51	32.09	3	Horizontal	54	1.67	-
2412MHz	Pass	AV	2.4134G	94.03	Inf	-Inf	32.19	3	Horizontal	54	1.67	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.39G	70.95	74.00	-3.05	32.09	3	Horizontal	54	1.67	-
2412MHz	Pass	PK	2.4156G	106.22	Inf	-Inf	32.20	3	Horizontal	54	1.67	-
2412MHz	Pass	AV	4.82622G	50.17	54.00	-3.83	3.70	3	Vertical	223	1.70	-
2412MHz	Pass	PK	4.82208G	64.34	74.00	-9.66	3.69	3	Vertical	223	1.70	-
2412MHz	Pass	AV	4.82142G	44.51	54.00	-9.49	3.69	3	Horizontal	44	1.50	-
2412MHz	Pass	PK	4.8228G	59.16	74.00	-14.84	3.69	3	Horizontal	44	1.50	-
2417MHz	Pass	AV	2.39G	49.99	54.00	-4.01	32.09	3	Vertical	4	2.29	-
2417MHz	Pass	AV	2.4156G	93.39	Inf	-Inf	32.20	3	Vertical	4	2.29	-
2417MHz	Pass	PK	2.3896G	66.60	74.00	-7.40	32.09	3	Vertical	4	2.29	-
2417MHz	Pass	PK	2.4156G	104.31	Inf	-Inf	32.20	3	Vertical	4	2.29	-
2417MHz	Pass	AV	2.39G	51.72	54.00	-2.28	32.09	3	Horizontal	59	2.08	-
2417MHz	Pass	AV	2.4182G	95.22	Inf	-Inf	32.20	3	Horizontal	59	2.08	-
2417MHz	Pass	PK	2.389G	69.39	74.00	-4.61	32.09	3	Horizontal	59	2.08	-
2417MHz	Pass	PK	2.419G	107.52	Inf	-Inf	32.21	3	Horizontal	59	2.08	-
2437MHz	Pass	AV	2.389G	45.43	54.00	-8.57	32.09	3	Vertical	18	2.32	-
2437MHz	Pass	AV	2.4378G	92.49	Inf	-Inf	32.28	3	Vertical	18	2.32	-
2437MHz	Pass	AV	2.4835G	45.71	54.00	-8.29	32.48	3	Vertical	18	2.32	-
2437MHz	Pass	PK	2.389G	56.89	74.00	-17.11	32.09	3	Vertical	18	2.32	-
2437MHz	Pass	PK	2.439G	103.08	Inf	-Inf	32.30	3	Vertical	18	2.32	-
2437MHz	Pass	PK	2.499G	57.35	74.00	-16.65	32.55	3	Vertical	18	2.32	-
2437MHz	Pass	AV	2.3898G	45.68	54.00	-8.32	32.09	3	Horizontal	62	2.30	-
2437MHz	Pass	AV	2.4382G	96.82	Inf	-Inf	32.28	3	Horizontal	62	2.30	-
2437MHz	Pass	AV	2.4835G	46.08	54.00	-7.92	32.48	3	Horizontal	62	2.30	-
2437MHz	Pass	PK	2.3898G	57.00	74.00	-17.00	32.09	3	Horizontal	62	2.30	-
2437MHz	Pass	PK	2.4362G	108.11	Inf	-Inf	32.28	3	Horizontal	62	2.30	-
2437MHz	Pass	PK	2.4835G	57.51	74.00	-16.49	32.48	3	Horizontal	62	2.30	-
2437MHz	Pass	AV	4.87394G	53.12	54.00	-0.88	3.81	3	Vertical	172	1.75	-
2437MHz	Pass	PK	4.87268G	67.85	74.00	-6.15	3.81	3	Vertical	172	1.75	-
2437MHz	Pass	AV	4.8734G	46.42	54.00	-7.58	3.81	3	Horizontal	41	1.68	-
2437MHz	Pass	PK	4.87292G	60.65	74.00	-13.35	3.81	3	Horizontal	41	1.68	-
2462MHz	Pass	AV	2.4632G	92.99	Inf	-Inf	32.39	3	Vertical	14	2.18	-
2462MHz	Pass	AV	2.4835G	50.36	54.00	-3.64	32.48	3	Vertical	14	2.18	-
2462MHz	Pass	PK	2.4622G	103.49	Inf	-Inf	32.39	3	Vertical	14	2.18	-
2462MHz	Pass	PK	2.4838G	64.20	74.00	-9.80	32.48	3	Vertical	14	2.18	-
2462MHz	Pass	AV	2.4632G	95.84	Inf	-Inf	32.39	3	Horizontal	60	2.02	-
2462MHz	Pass	AV	2.4835G	53.19	54.00	-0.81	32.48	3	Horizontal	60	2.02	-
2462MHz	Pass	PK	2.4634G	106.25	Inf	-Inf	32.39	3	Horizontal	60	2.02	-
2462MHz	Pass	PK	2.4835G	67.96	74.00	-6.04	32.48	3	Horizontal	60	2.02	-
2462MHz	Pass	AV	4.92352G	52.42	54.00	-1.58	3.93	3	Vertical	170	1.87	-
2462MHz	Pass	PK	4.92274G	67.40	74.00	-6.60	3.93	3	Vertical	170	1.87	-
2462MHz	Pass	AV	4.92604G	45.33	54.00	-8.67	3.94	3	Horizontal	31	1.77	-
2462MHz	Pass	PK	4.92484G	59.83	74.00	-14.17	3.93	3	Horizontal	31	1.77	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	51.17	54.00	-2.83	32.09	3	Vertical	0	2.46	-
2422MHz	Pass	AV	2.4192G	85.76	Inf	-Inf	32.21	3	Vertical	0	2.46	-
2422MHz	Pass	AV	2.4852G	46.20	54.00	-7.80	32.49	3	Vertical	0	2.46	-
2422MHz	Pass	PK	2.3892G	63.29	74.00	-10.71	32.09	3	Vertical	0	2.46	-
2422MHz	Pass	PK	2.416G	95.60	Inf	-Inf	32.20	3	Vertical	0	2.46	-
2422MHz	Pass	PK	2.4908G	56.77	74.00	-17.23	32.51	3	Vertical	0	2.46	-

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.3896G	53.91	54.00	-0.09	32.09	3	Horizontal	57	2.09	-
2422MHz	Pass	AV	2.4252G	90.12	Inf	-Inf	32.24	3	Horizontal	57	2.09	-
2422MHz	Pass	AV	2.486G	46.12	54.00	-7.88	32.49	3	Horizontal	57	2.09	-
2422MHz	Pass	PK	2.3896G	66.20	74.00	-7.80	32.09	3	Horizontal	57	2.09	-
2422MHz	Pass	PK	2.4236G	99.78	Inf	-Inf	32.23	3	Horizontal	57	2.09	-
2422MHz	Pass	PK	2.4908G	57.13	74.00	-16.87	32.51	3	Horizontal	57	2.09	-
2422MHz	Pass	AV	4.84472G	43.85	54.00	-10.15	3.74	3	Vertical	170	1.75	-
2422MHz	Pass	PK	4.84448G	58.16	74.00	-15.84	3.74	3	Vertical	170	1.75	-
2422MHz	Pass	AV	4.84484G	42.84	54.00	-11.16	3.74	3	Horizontal	51	1.86	-
2422MHz	Pass	PK	4.84406G	56.72	74.00	-17.28	3.74	3	Horizontal	51	1.86	-
2427MHz	Pass	AV	2.3894G	51.09	54.00	-2.91	32.09	3	Vertical	12	2.30	-
2427MHz	Pass	AV	2.4294G	86.90	Inf	-Inf	32.25	3	Vertical	12	2.30	-
2427MHz	Pass	AV	2.4934G	46.10	54.00	-7.90	32.52	3	Vertical	12	2.30	-
2427MHz	Pass	PK	2.3894G	63.72	74.00	-10.28	32.09	3	Vertical	12	2.30	-
2427MHz	Pass	PK	2.4246G	97.16	Inf	-Inf	32.23	3	Vertical	12	2.30	-
2427MHz	Pass	PK	2.489G	56.68	74.00	-17.32	32.50	3	Vertical	12	2.30	-
2427MHz	Pass	AV	2.3898G	53.50	54.00	-0.50	32.09	3	Horizontal	56	2.08	-
2427MHz	Pass	AV	2.4246G	91.11	Inf	-Inf	32.23	3	Horizontal	56	2.08	-
2427MHz	Pass	AV	2.487G	46.27	54.00	-7.73	32.49	3	Horizontal	56	2.08	-
2427MHz	Pass	PK	2.389G	65.88	74.00	-8.12	32.09	3	Horizontal	56	2.08	-
2427MHz	Pass	PK	2.425G	101.82	Inf	-Inf	32.23	3	Horizontal	56	2.08	-
2427MHz	Pass	PK	2.495G	58.20	74.00	-15.80	32.52	3	Horizontal	56	2.08	-
2437MHz	Pass	AV	2.3894G	50.39	54.00	-3.61	32.09	3	Vertical	1	2.72	-
2437MHz	Pass	AV	2.4414G	89.85	Inf	-Inf	32.30	3	Vertical	1	2.72	-
2437MHz	Pass	AV	2.4835G	47.26	54.00	-6.74	32.48	3	Vertical	1	2.72	-
2437MHz	Pass	PK	2.389G	63.13	74.00	-10.87	32.09	3	Vertical	1	2.72	-
2437MHz	Pass	PK	2.439G	99.37	Inf	-Inf	32.30	3	Vertical	1	2.72	-
2437MHz	Pass	PK	2.4854G	58.00	74.00	-16.00	32.49	3	Vertical	1	2.72	-
2437MHz	Pass	AV	2.3898G	53.63	54.00	-0.37	32.09	3	Horizontal	61	2.32	-
2437MHz	Pass	AV	2.4394G	94.32	Inf	-Inf	32.30	3	Horizontal	61	2.32	-
2437MHz	Pass	AV	2.4835G	49.28	54.00	-4.72	32.48	3	Horizontal	61	2.32	-
2437MHz	Pass	PK	2.3894G	68.04	74.00	-5.96	32.09	3	Horizontal	61	2.32	-
2437MHz	Pass	PK	2.4406G	104.83	Inf	-Inf	32.30	3	Horizontal	61	2.32	-
2437MHz	Pass	PK	2.4838G	61.22	74.00	-12.78	32.48	3	Horizontal	61	2.32	-
2437MHz	Pass	AV	4.8748G	50.41	54.00	-3.59	3.81	3	Vertical	173	1.74	-
2437MHz	Pass	PK	4.8743G	64.85	74.00	-9.15	3.81	3	Vertical	173	1.74	-
2437MHz	Pass	AV	4.8748G	49.55	54.00	-4.45	3.81	3	Horizontal	344	1.80	-
2437MHz	Pass	PK	4.8748G	62.29	74.00	-11.71	3.81	3	Horizontal	344	1.80	-
2447MHz	Pass	AV	2.3886G	46.67	54.00	-7.33	32.09	3	Vertical	356	2.43	-
2447MHz	Pass	AV	2.4502G	89.11	Inf	-Inf	32.34	3	Vertical	356	2.43	-
2447MHz	Pass	AV	2.4835G	49.71	54.00	-4.29	32.48	3	Vertical	356	2.43	-
2447MHz	Pass	PK	2.3866G	58.06	74.00	-15.94	32.07	3	Vertical	356	2.43	-
2447MHz	Pass	PK	2.4502G	98.96	Inf	-Inf	32.34	3	Vertical	356	2.43	-
2447MHz	Pass	PK	2.4838G	62.41	74.00	-11.59	32.48	3	Vertical	356	2.43	-
2447MHz	Pass	AV	2.3894G	47.80	54.00	-6.20	32.09	3	Horizontal	60	2.23	-
2447MHz	Pass	AV	2.4486G	94.34	Inf	-Inf	32.34	3	Horizontal	60	2.23	-
2447MHz	Pass	AV	2.4835G	53.87	54.00	-0.13	32.48	3	Horizontal	60	2.23	-
2447MHz	Pass	PK	2.3898G	59.14	74.00	-14.86	32.09	3	Horizontal	60	2.23	-
2447MHz	Pass	PK	2.4426G	104.39	Inf	-Inf	32.31	3	Horizontal	60	2.23	-

Remark :

Page No. : F5 of F62

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4846G	66.34	74.00	-7.66	32.48	3	Horizontal	60	2.23	-
2452MHz	Pass	AV	2.39G	45.64	54.00	-8.36	32.09	3	Vertical	1	2.43	-
2452MHz	Pass	AV	2.4536G	88.41	Inf	-Inf	32.35	3	Vertical	1	2.43	-
2452MHz	Pass	AV	2.484G	50.79	54.00	-3.21	32.48	3	Vertical	1	2.43	-
2452MHz	Pass	PK	2.388G	56.46	74.00	-17.54	32.08	3	Vertical	1	2.43	-
2452MHz	Pass	PK	2.4556G	99.20	Inf	-Inf	32.37	3	Vertical	1	2.43	-
2452MHz	Pass	PK	2.484G	62.65	74.00	-11.35	32.48	3	Vertical	1	2.43	-
2452MHz	Pass	AV	2.3864G	45.83	54.00	-8.17	32.07	3	Horizontal	58	2.25	-
2452MHz	Pass	AV	2.4556G	93.17	Inf	-Inf	32.37	3	Horizontal	58	2.25	-
2452MHz	Pass	AV	2.4835G	53.79	54.00	-0.21	32.48	3	Horizontal	58	2.25	-
2452MHz	Pass	PK	2.3876G	56.32	74.00	-17.68	32.08	3	Horizontal	58	2.25	-
2452MHz	Pass	PK	2.4548G	103.22	Inf	-Inf	32.35	3	Horizontal	58	2.25	-
2452MHz	Pass	PK	2.484G	67.13	74.00	-6.87	32.48	3	Horizontal	58	2.25	-
2452MHz	Pass	AV	4.9026G	48.03	54.00	-5.97	3.88	3	Vertical	173	1.71	-
2452MHz	Pass	PK	4.9048G	61.33	74.00	-12.67	3.89	3	Vertical	173	1.71	-
2452MHz	Pass	AV	4.9041G	48.39	54.00	-5.61	3.89	3	Horizontal	336	1.65	-
2452MHz	Pass	PK	4.9043G	63.13	74.00	-10.87	3.89	3	Horizontal	336	1.65	-

Remark :

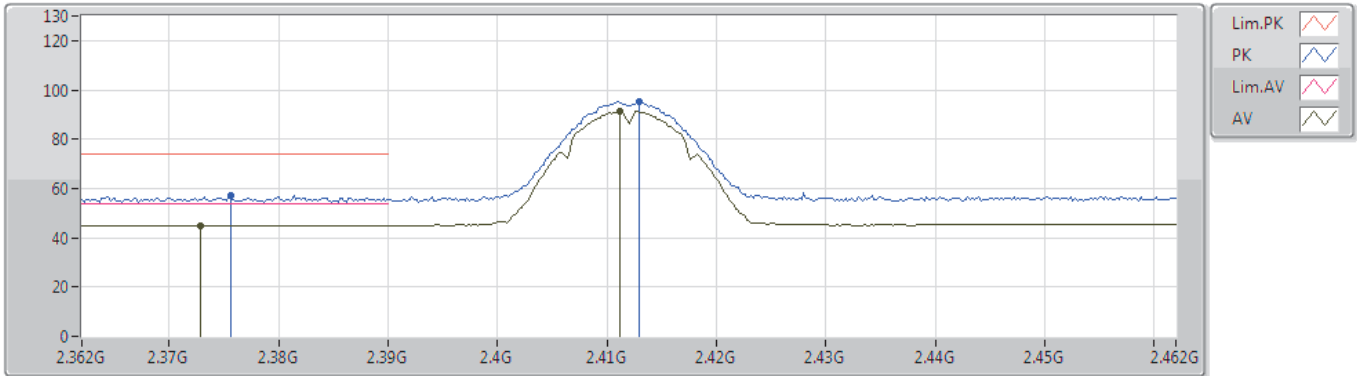
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



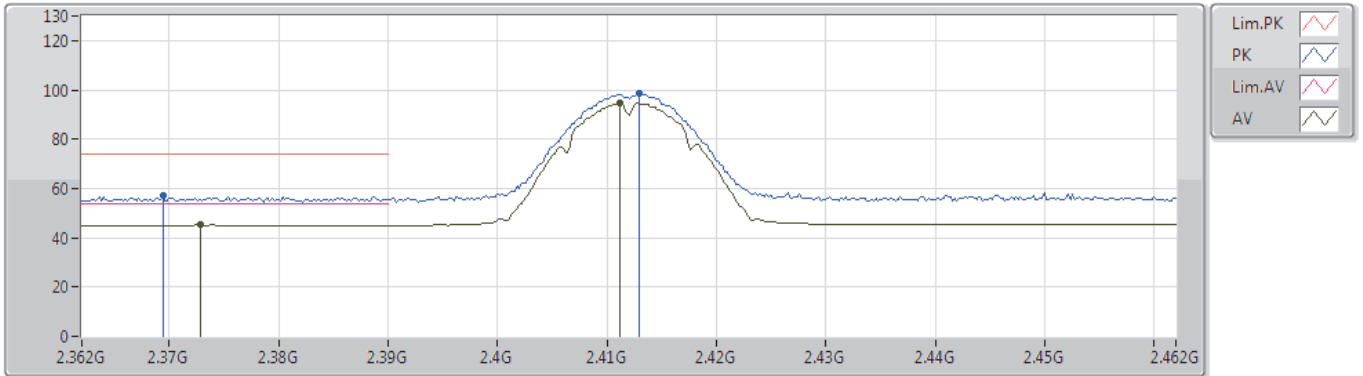
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3728G	45.00	54.00	-9.00	32.02	3	Vertical	8	2.10	-	12.98	27.32	4.70	-
AV	2.4112G	91.46	Inf	-Inf	32.17	3	Vertical	8	2.10	-	59.29	27.43	4.74	-
PK	2.3756G	56.99	74.00	-17.01	32.03	3	Vertical	8	2.10	-	24.96	27.33	4.70	-
PK	2.413G	95.06	Inf	-Inf	32.19	3	Vertical	8	2.10	-	62.87	27.44	4.75	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



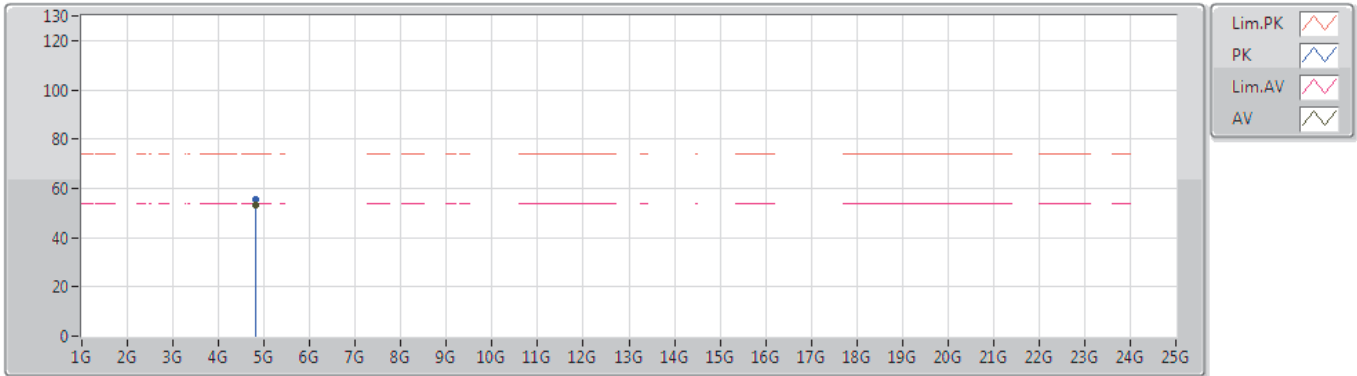
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3728G	45.17	54.00	-8.83	32.02	3	Horizontal	53	1.68	-	13.15	27.32	4.70	-
AV	2.4112G	94.45	Inf	-Inf	32.17	3	Horizontal	53	1.68	-	62.28	27.43	4.74	-
PK	2.3694G	56.90	74.00	-17.10	32.00	3	Horizontal	53	1.68	-	24.90	27.31	4.69	-
PK	2.413G	98.52	Inf	-Inf	32.19	3	Horizontal	53	1.68	-	66.33	27.44	4.75	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



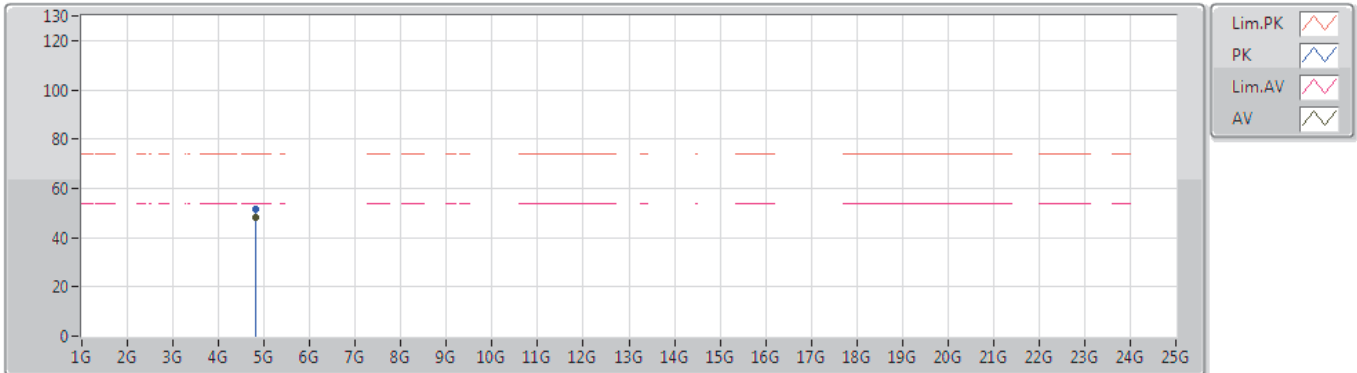
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82395G	53.08	54.00	-0.92	3.69	3	Vertical	224	1.69	-	49.39	31.38	6.79	34.48
PK	4.82393G	55.71	74.00	-18.29	3.69	3	Vertical	224	1.69	-	52.02	31.38	6.79	34.48



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



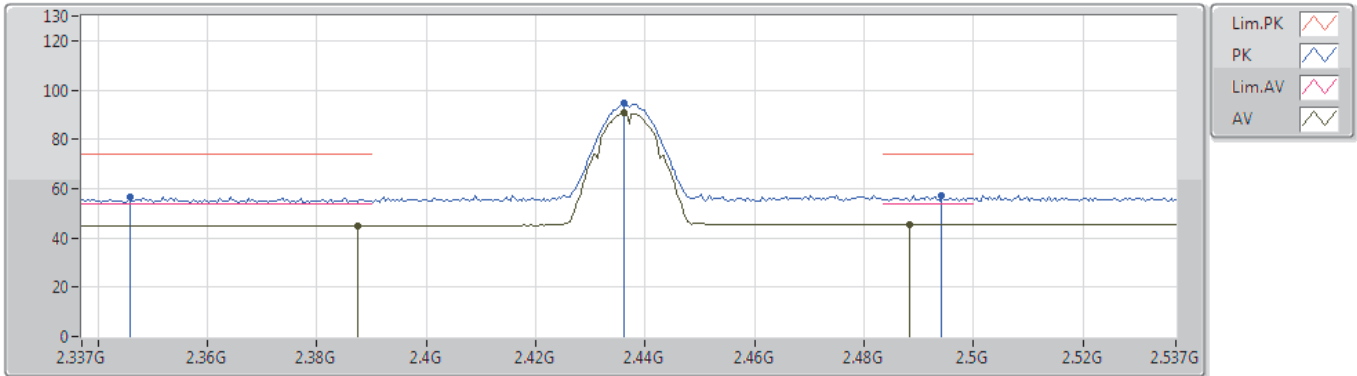
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82395G	47.94	54.00	-6.06	3.69	3	Horizontal	48	1.47	-	44.25	31.38	6.79	34.48
PK	4.82396G	51.78	74.00	-22.22	3.69	3	Horizontal	48	1.47	-	48.09	31.38	6.79	34.48



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



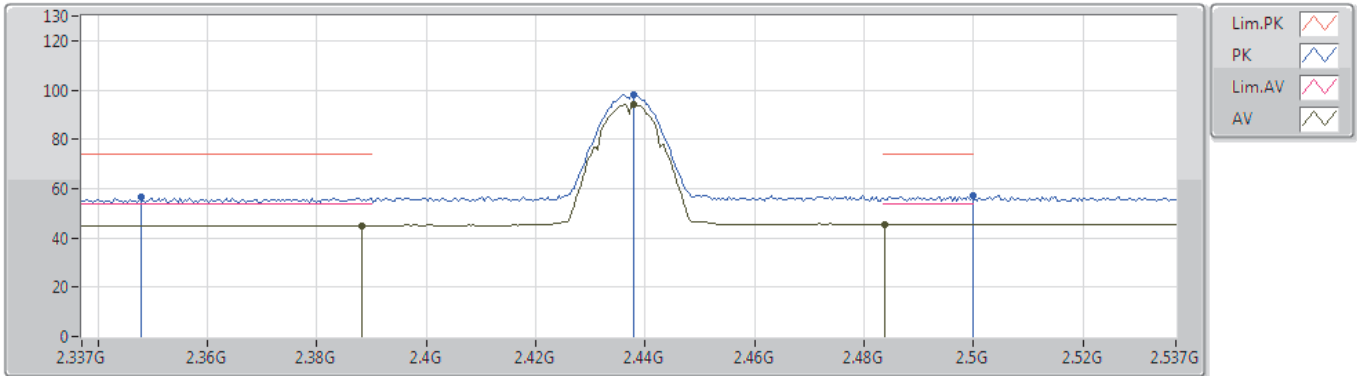
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	44.87	54.00	-9.13	32.08	3	Vertical	13	2.49	-	12.79	27.36	4.72	-
AV	2.4362G	90.77	Inf	-Inf	32.28	3	Vertical	13	2.49	-	58.49	27.51	4.77	-
AV	2.4882G	45.35	54.00	-8.65	32.49	3	Vertical	13	2.49	-	12.86	27.66	4.83	-
PK	2.3458G	56.72	74.00	-17.28	31.91	3	Vertical	13	2.49	-	24.81	27.24	4.67	-
PK	2.4362G	94.44	Inf	-Inf	32.28	3	Vertical	13	2.49	-	62.16	27.51	4.77	-
PK	2.4942G	57.26	74.00	-16.74	32.52	3	Vertical	13	2.49	-	24.74	27.68	4.84	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



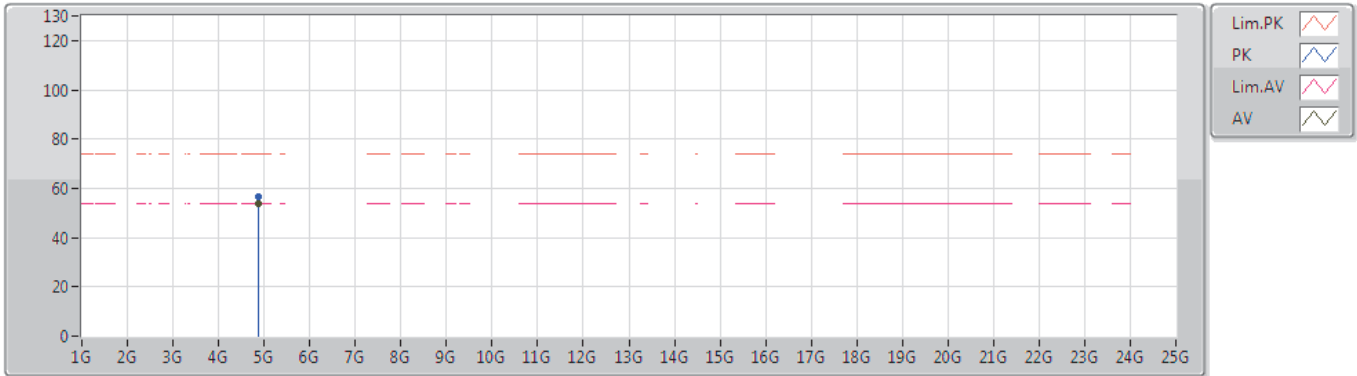
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	44.97	54.00	-9.03	32.08	3	Horizontal	56	1.86	-	12.89	27.36	4.72	-
AV	2.4378G	94.36	Inf	-Inf	32.28	3	Horizontal	56	1.86	-	62.08	27.51	4.77	-
AV	2.4838G	45.44	54.00	-8.56	32.48	3	Horizontal	56	1.86	-	12.96	27.65	4.83	-
PK	2.3478G	56.82	74.00	-17.18	31.91	3	Horizontal	56	1.86	-	24.91	27.24	4.67	-
PK	2.4378G	98.34	Inf	-Inf	32.28	3	Horizontal	56	1.86	-	66.06	27.51	4.77	-
PK	2.4998G	57.25	74.00	-16.75	32.55	3	Horizontal	56	1.86	-	24.70	27.70	4.85	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



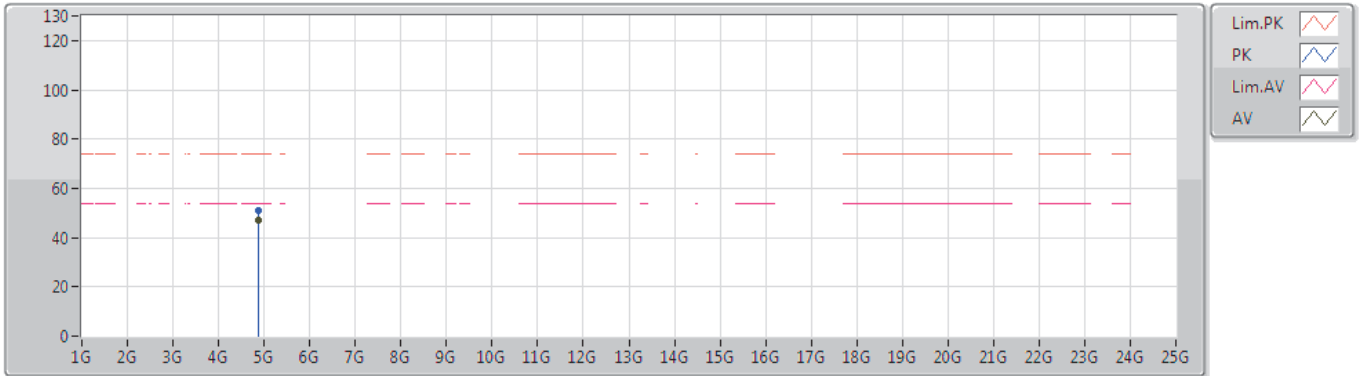
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87394G	53.80	54.00	-0.20	3.81	3	Vertical	172	1.76	-	49.99	31.47	6.81	34.47
PK	4.87393G	56.39	74.00	-17.61	3.81	3	Vertical	172	1.76	-	52.58	31.47	6.81	34.47



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87396G	47.33	54.00	-6.67	3.81	3	Horizontal	43	1.67	-	43.52	31.47	6.81	34.47
PK	4.87392G	51.09	74.00	-22.91	3.81	3	Horizontal	43	1.67	-	47.28	31.47	6.81	34.47

Remark :

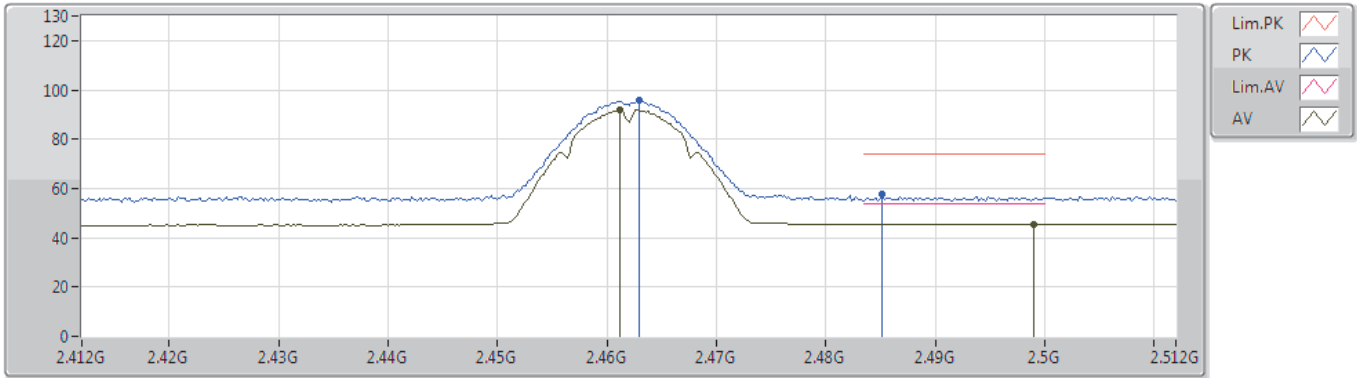
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



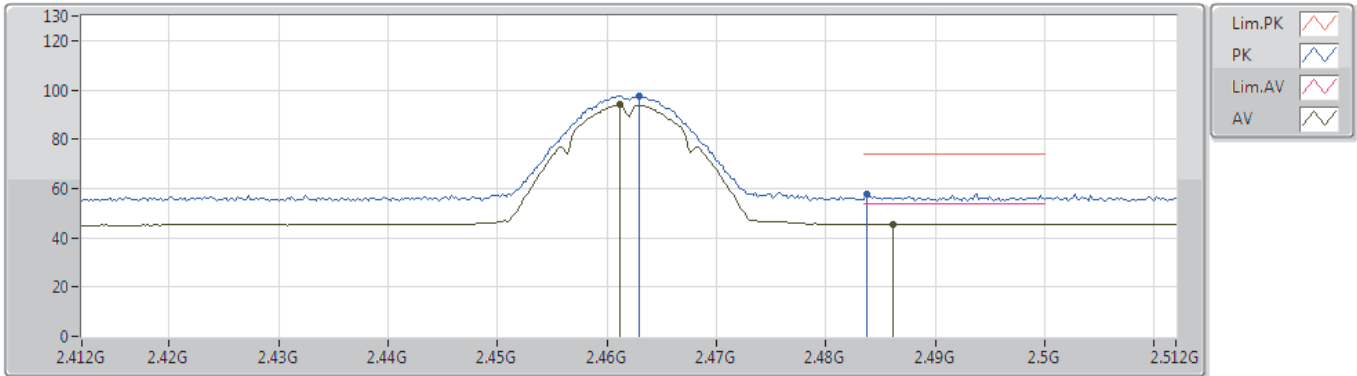
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AV	2.4612G	91.83	Inf	-Inf	32.38	3	Vertical	13	2.02	-	59.45	27.58	4.80	-
AV	2.499G	45.48	54.00	-8.52	32.55	3	Vertical	13	2.02	-	12.93	27.70	4.85	-
PK	2.463G	95.65	Inf	-Inf	32.39	3	Vertical	13	2.02	-	63.26	27.59	4.80	-
PK	2.4852G	57.62	74.00	-16.38	32.49	3	Vertical	13	2.02	-	25.13	27.66	4.83	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



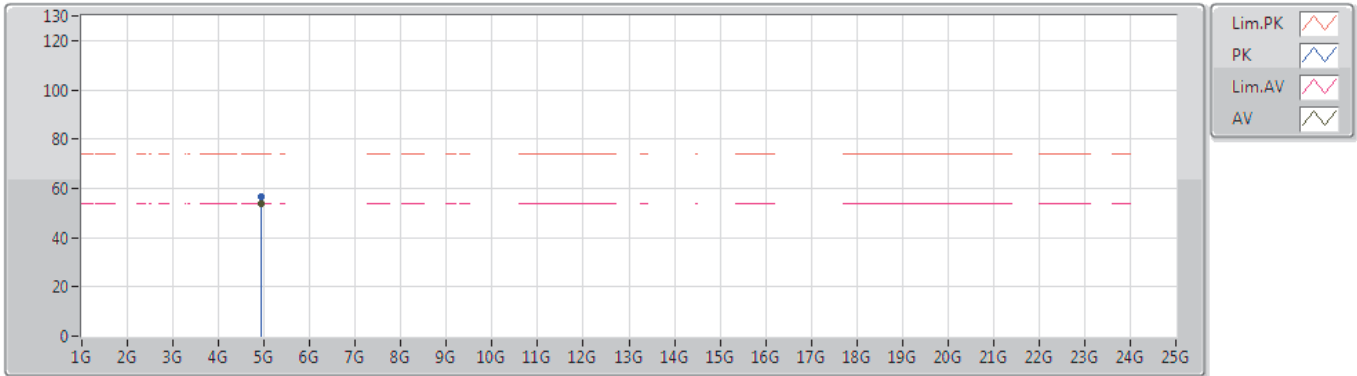
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AV	2.4612G	93.95	Inf	-Inf	32.38	3	Horizontal	55	1.64	-	61.57	27.58	4.80	-
AV	2.4862G	45.56	54.00	-8.44	32.49	3	Horizontal	55	1.64	-	13.07	27.66	4.83	-
PK	2.463G	97.78	Inf	-Inf	32.39	3	Horizontal	55	1.64	-	65.39	27.59	4.80	-
PK	2.4838G	57.47	74.00	-16.53	32.48	3	Horizontal	55	1.64	-	24.99	27.65	4.83	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



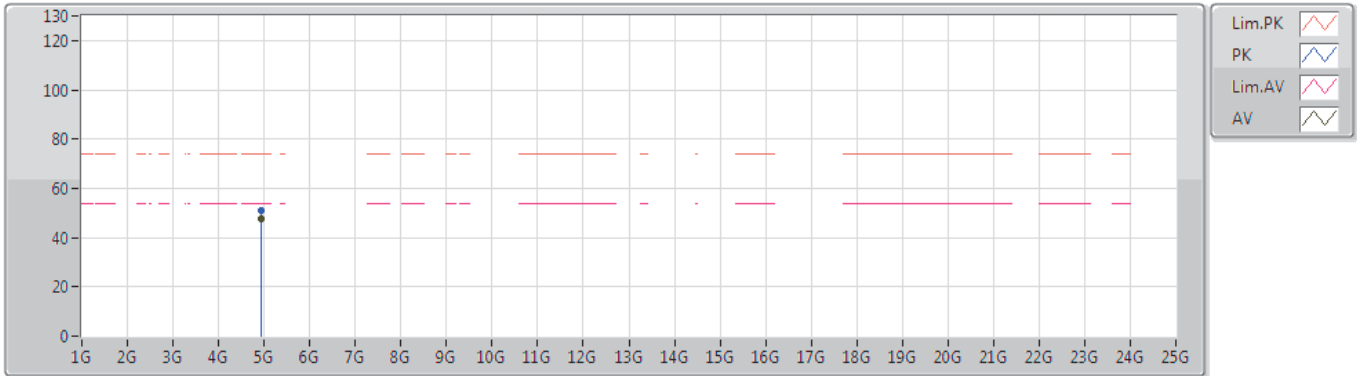
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AV	4.92394G	53.96	54.00	-0.04	3.93	3	Vertical	170	1.78	-	50.03	31.56	6.82	34.45
PK	4.92394G	56.44	74.00	-17.56	3.93	3	Vertical	170	1.78	-	52.51	31.56	6.82	34.45



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



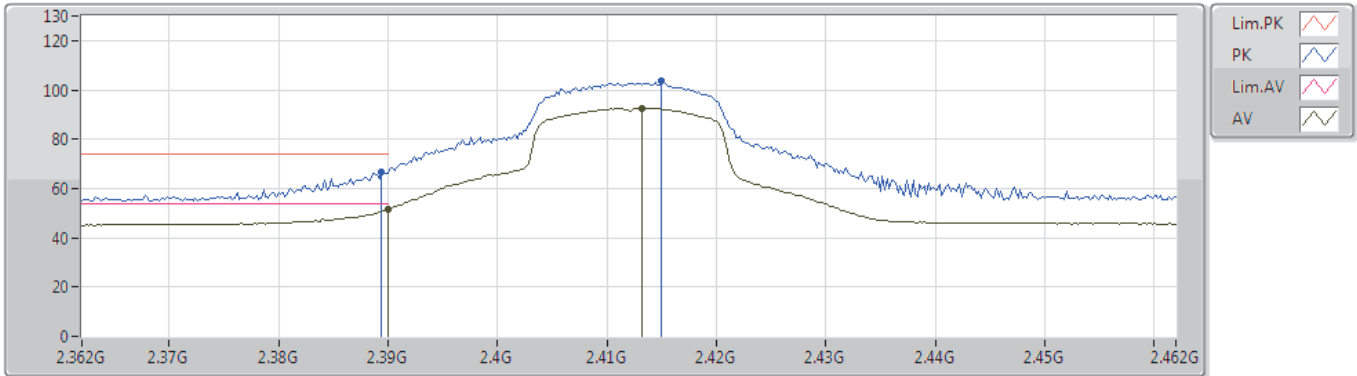
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92395G	47.83	54.00	-6.17	3.93	3	Horizontal	30	1.50	-	43.90	31.56	6.82	34.45
PK	4.92392G	51.26	74.00	-22.74	3.93	3	Horizontal	30	1.50	-	47.33	31.56	6.82	34.45



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



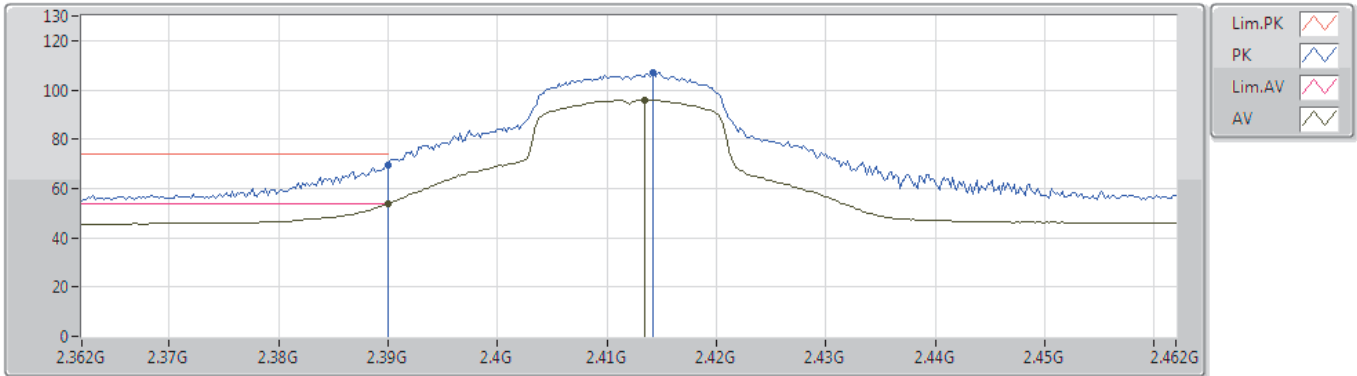
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AV	2.39G	51.43	54.00	-2.57	32.09	3	Vertical	355	2.42	-	19.34	27.37	4.72	-
AV	2.4132G	92.73	Inf	-Inf	32.19	3	Vertical	355	2.42	-	60.54	27.44	4.75	-
PK	2.3894G	66.43	74.00	-7.57	32.09	3	Vertical	355	2.42	-	34.34	27.37	4.72	-
PK	2.415G	103.48	Inf	-Inf	32.20	3	Vertical	355	2.42	-	71.28	27.45	4.75	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



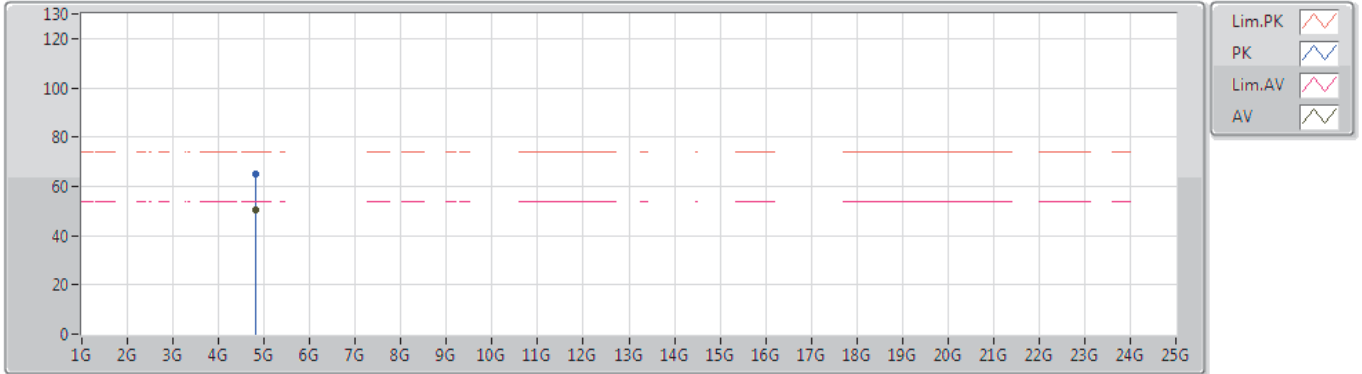
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AV	2.39G	53.77	54.00	-0.23	32.09	3	Horizontal	52	1.70	-	21.68	27.37	4.72	-
AV	2.4134G	95.98	Inf	-Inf	32.19	3	Horizontal	52	1.70	-	63.79	27.44	4.75	-
PK	2.39G	69.66	74.00	-4.34	32.09	3	Horizontal	52	1.70	-	37.57	27.37	4.72	-
PK	2.4142G	106.99	Inf	-Inf	32.19	3	Horizontal	52	1.70	-	74.80	27.44	4.75	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



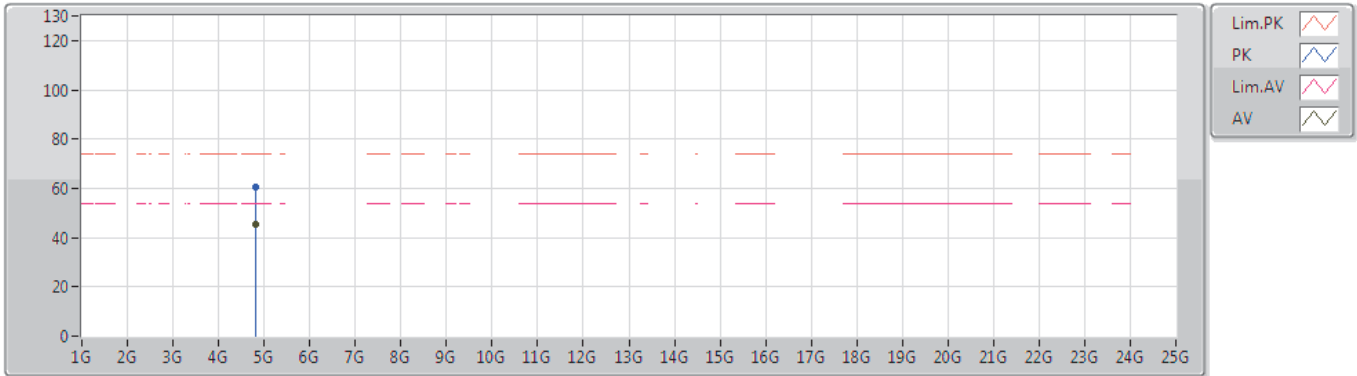
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82448G	50.52	54.00	-3.48	3.69	3	Vertical	226	1.69	-	46.83	31.38	6.79	34.48
PK	4.82268G	65.20	74.00	-8.80	3.69	3	Vertical	226	1.69	-	61.51	31.38	6.79	34.48



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



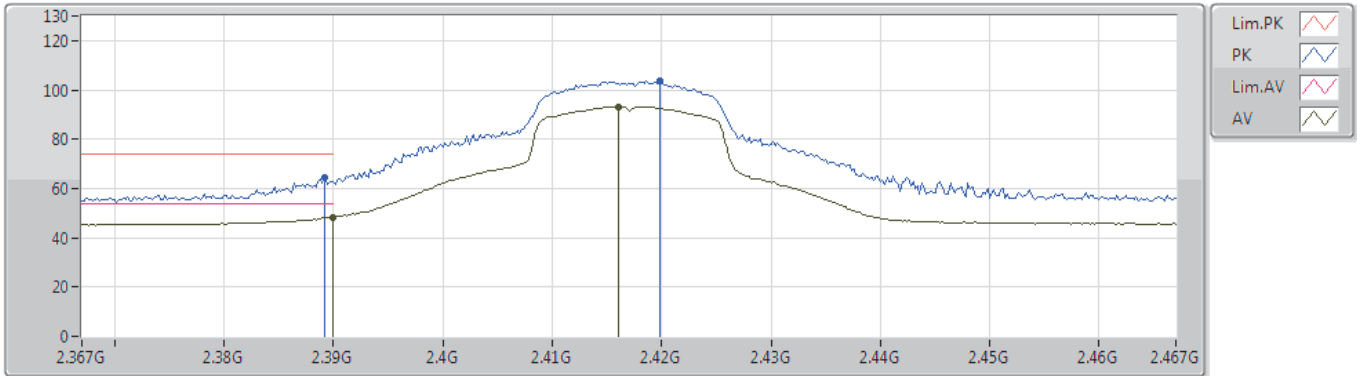
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AV	4.82382G	45.33	54.00	-8.67	3.69	3	Horizontal	49	1.48	-	41.64	31.38	6.79	34.48
PK	4.82496G	60.26	74.00	-13.74	3.69	3	Horizontal	49	1.48	-	56.57	31.38	6.79	34.48



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2417MHz_TX



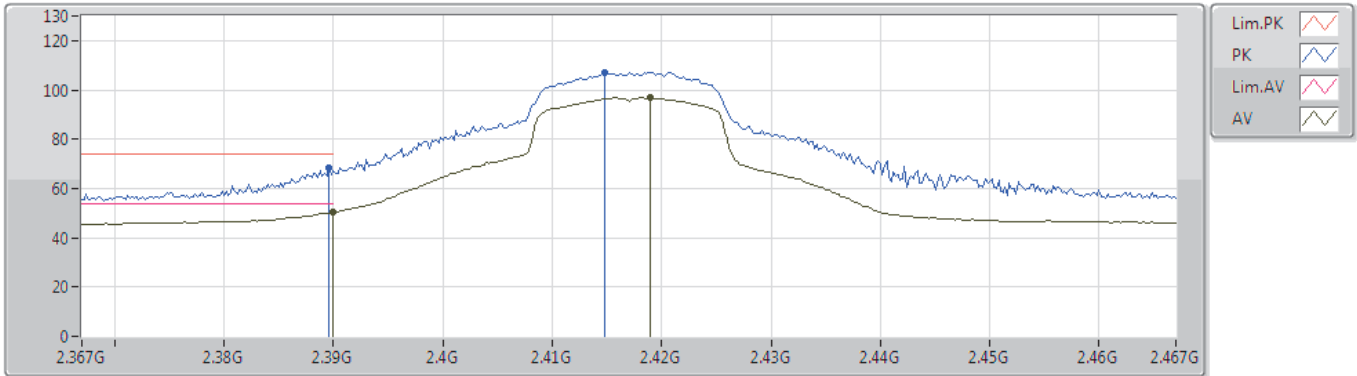
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AV	2.39G	48.32	54.00	-5.68	32.09	3	Vertical	12	2.27	-	16.23	27.37	4.72	-
AV	2.416G	93.17	Inf	-Inf	32.20	3	Vertical	12	2.27	-	60.97	27.45	4.75	-
PK	2.3892G	64.37	74.00	-9.63	32.09	3	Vertical	12	2.27	-	32.28	27.37	4.72	-
PK	2.4198G	103.92	Inf	-Inf	32.21	3	Vertical	12	2.27	-	71.71	27.46	4.75	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2417MHz_TX



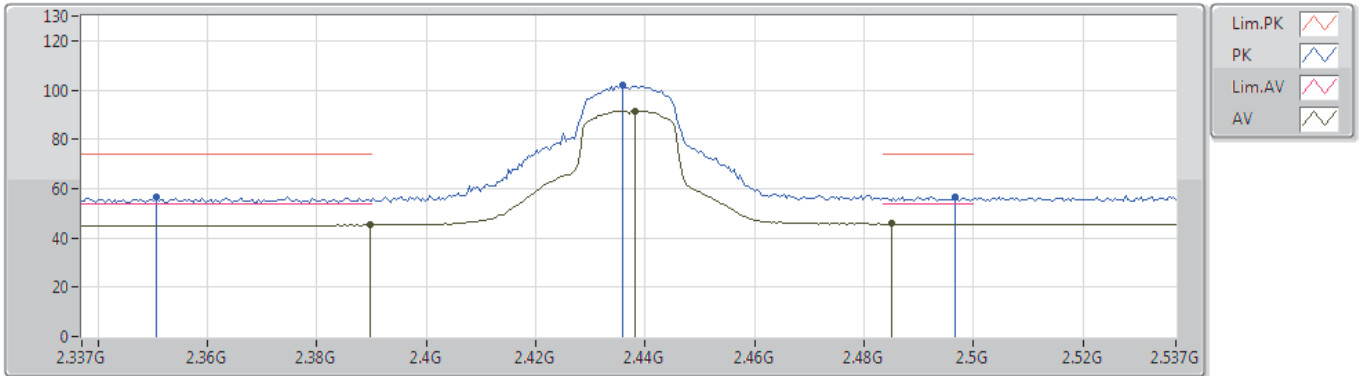
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.47	54.00	-3.53	32.09	3	Horizontal	59	2.04	-	18.38	27.37	4.72	-
AV	2.419G	96.82	Inf	-Inf	32.21	3	Horizontal	59	2.04	-	64.61	27.46	4.75	-
PK	2.3896G	68.63	74.00	-5.37	32.09	3	Horizontal	59	2.04	-	36.54	27.37	4.72	-
PK	2.4148G	107.16	Inf	-Inf	32.19	3	Horizontal	59	2.04	-	74.97	27.44	4.75	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



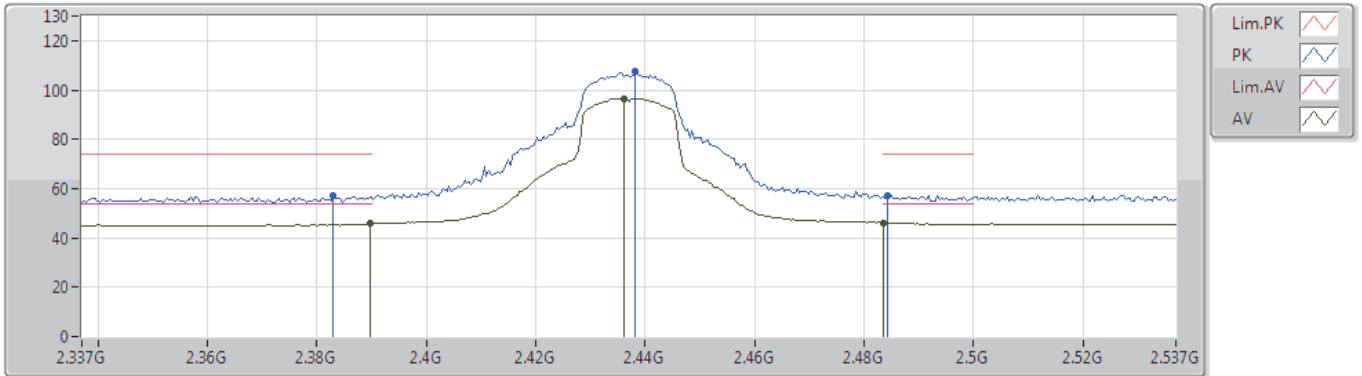
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	45.21	54.00	-8.79	32.09	3	Vertical	1	2.72	-	13.12	27.37	4.72	-
AV	2.4382G	91.61	Inf	-Inf	32.28	3	Vertical	1	2.72	-	59.33	27.51	4.77	-
AV	2.485G	45.71	54.00	-8.29	32.48	3	Vertical	1	2.72	-	13.23	27.65	4.83	-
PK	2.3506G	56.56	74.00	-17.44	31.92	3	Vertical	1	2.72	-	24.64	27.25	4.67	-
PK	2.4358G	102.21	Inf	-Inf	32.28	3	Vertical	1	2.72	-	69.93	27.51	4.77	-
PK	2.4966G	56.60	74.00	-17.40	32.53	3	Vertical	1	2.72	-	24.07	27.69	4.84	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



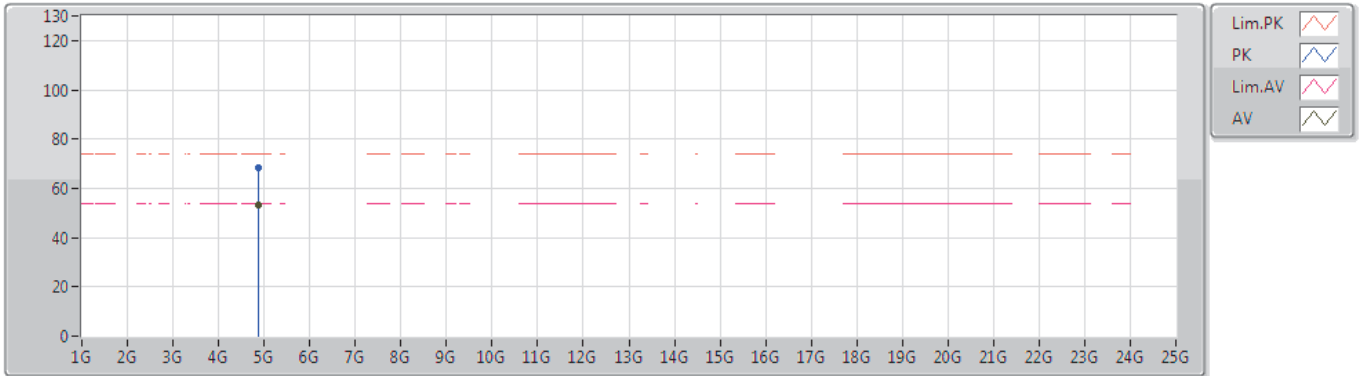
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	45.77	54.00	-8.23	32.09	3	Horizontal	60	2.29	-	13.68	27.37	4.72	-
AV	2.4362G	96.63	Inf	-Inf	32.28	3	Horizontal	60	2.29	-	64.35	27.51	4.77	-
AV	2.4835G	46.18	54.00	-7.82	32.48	3	Horizontal	60	2.29	-	13.70	27.65	4.83	-
PK	2.383G	57.13	74.00	-16.87	32.06	3	Horizontal	60	2.29	-	25.07	27.35	4.71	-
PK	2.4382G	107.63	Inf	-Inf	32.28	3	Horizontal	60	2.29	-	75.35	27.51	4.77	-
PK	2.4842G	57.41	74.00	-16.59	32.48	3	Horizontal	60	2.29	-	24.93	27.65	4.83	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



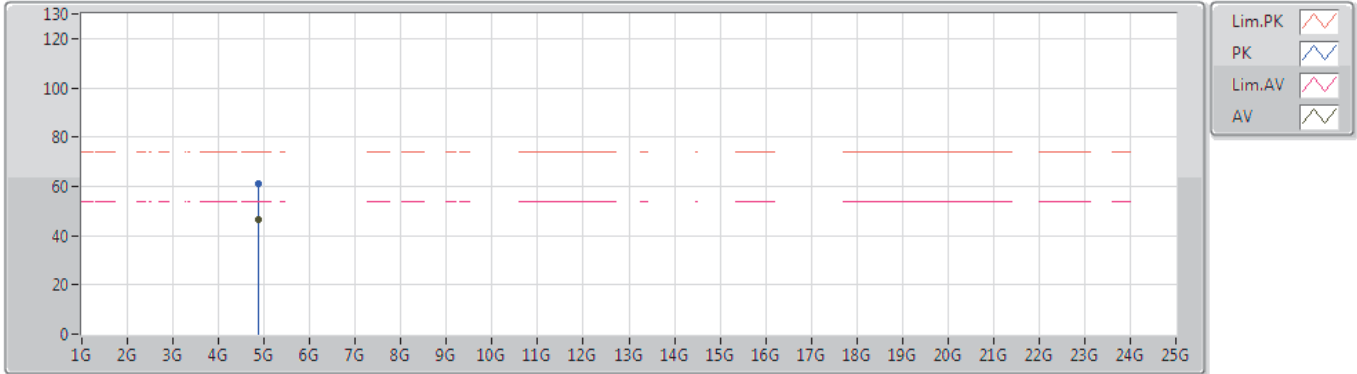
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AV	4.87526G	53.44	54.00	-0.56	3.82	3	Vertical	169	1.82	-	49.62	31.48	6.81	34.47
PK	4.87472G	68.11	74.00	-5.89	3.81	3	Vertical	169	1.82	-	64.30	31.47	6.81	34.47



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



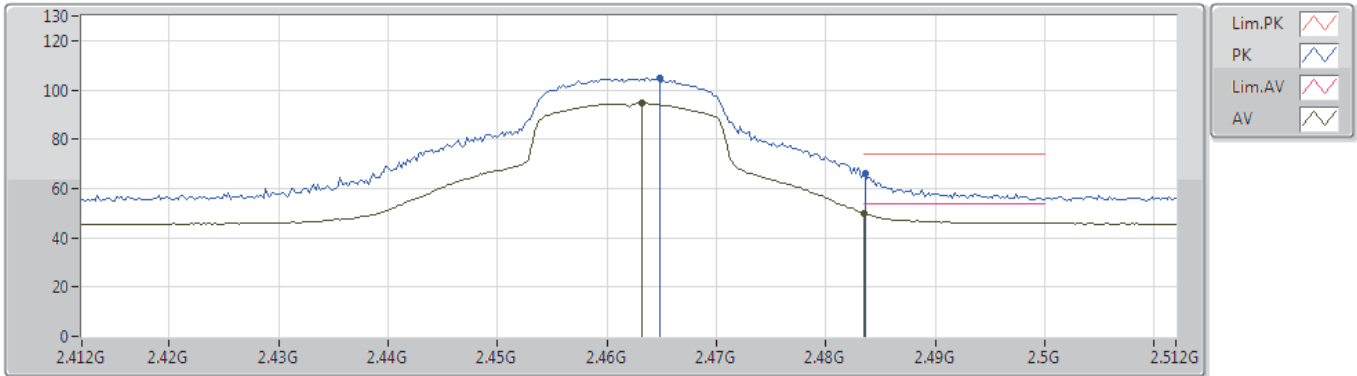
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AV	4.8751G	46.73	54.00	-7.27	3.82	3	Horizontal	39	1.68	-	42.91	31.48	6.81	34.47
PK	4.8749G	61.26	74.00	-12.74	3.81	3	Horizontal	39	1.68	-	57.45	31.47	6.81	34.47



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



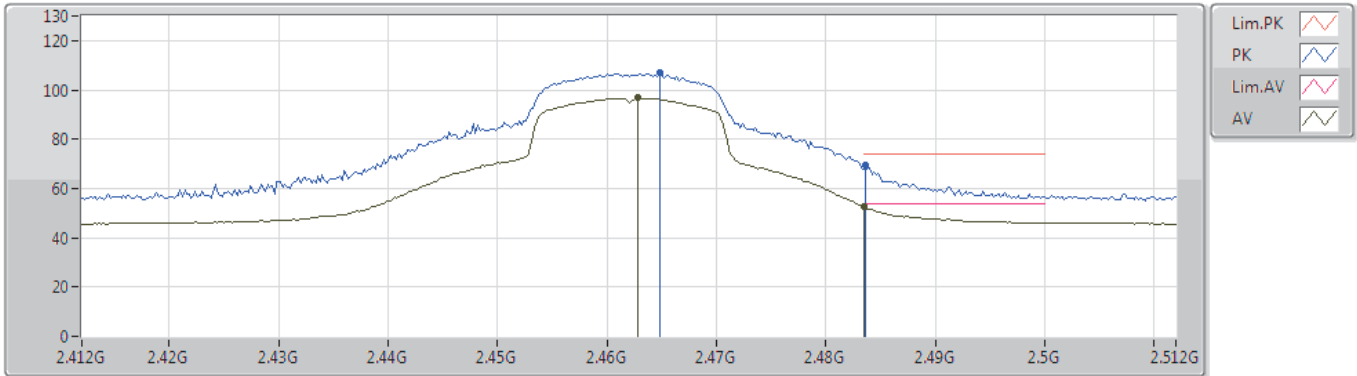
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4632G	94.46	Inf	-Inf	32.39	3	Vertical	14	2.02	-	62.07	27.59	4.80	-
AV	2.4835G	49.90	54.00	-4.10	32.48	3	Vertical	14	2.02	-	17.42	27.65	4.83	-
PK	2.4648G	104.69	Inf	-Inf	32.40	3	Vertical	14	2.02	-	72.29	27.59	4.81	-
PK	2.4836G	66.29	74.00	-7.71	32.48	3	Vertical	14	2.02	-	33.81	27.65	4.83	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



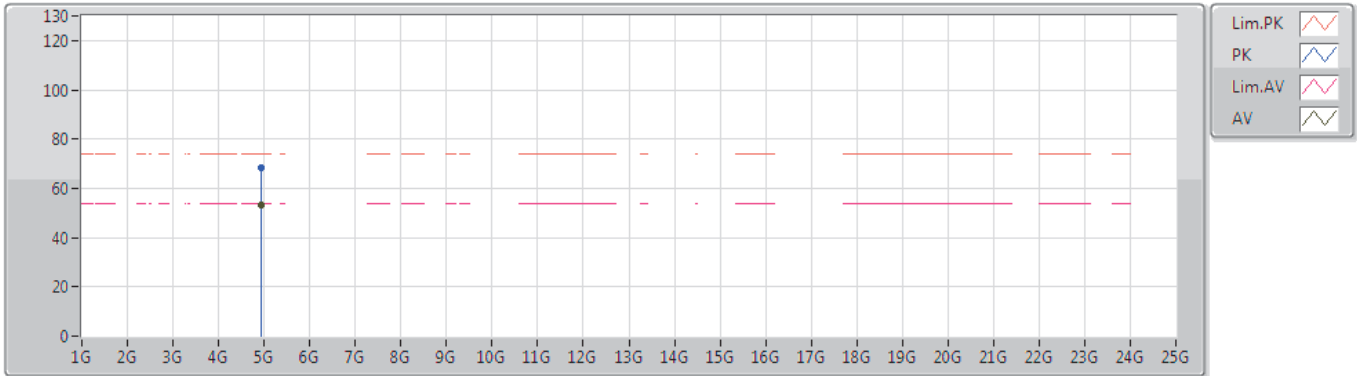
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	96.70	Inf	-Inf	32.39	3	Horizontal	56	1.66	-	64.31	27.59	4.80	-
AV	2.4835G	52.78	54.00	-1.22	32.48	3	Horizontal	56	1.66	-	20.30	27.65	4.83	-
PK	2.4648G	107.30	Inf	-Inf	32.40	3	Horizontal	56	1.66	-	74.90	27.59	4.81	-
PK	2.4836G	69.32	74.00	-4.68	32.48	3	Horizontal	56	1.66	-	36.84	27.65	4.83	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



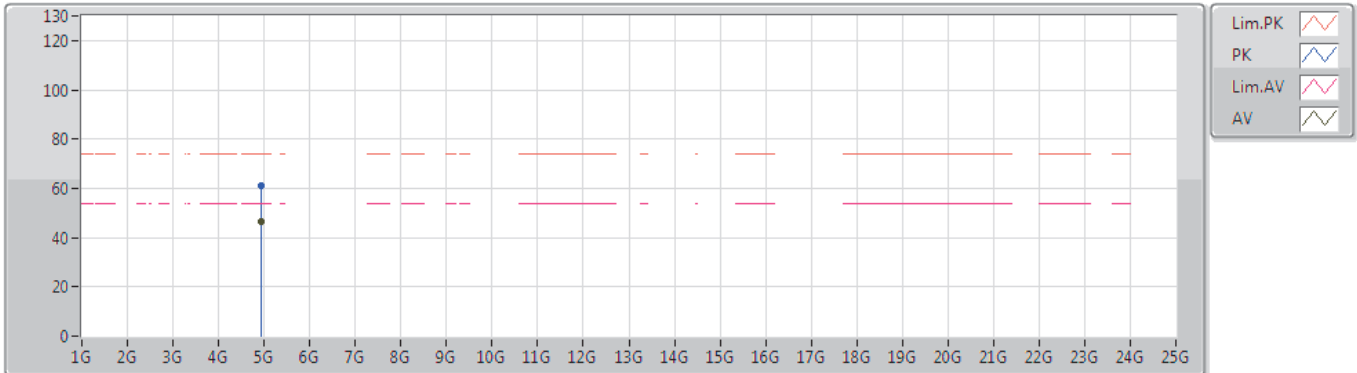
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92436G	53.51	54.00	-0.49	3.93	3	Vertical	167	1.88	-	49.58	31.56	6.82	34.45
PK	4.92508G	68.42	74.00	-5.58	3.94	3	Vertical	167	1.88	-	64.48	31.57	6.82	34.45



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



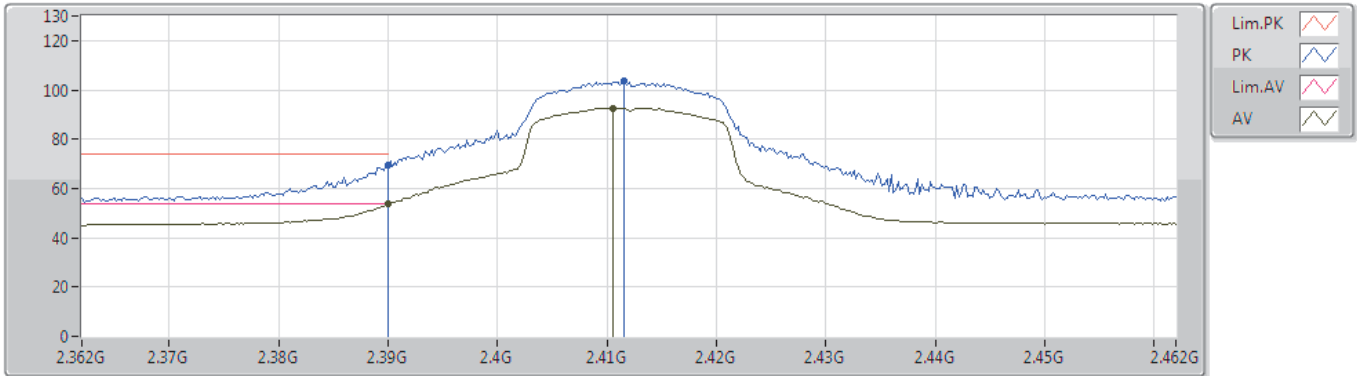
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92352G	46.66	54.00	-7.34	3.93	3	Horizontal	30	1.56	-	42.73	31.56	6.82	34.45
PK	4.92604G	61.23	74.00	-12.77	3.94	3	Horizontal	30	1.56	-	57.29	31.57	6.82	34.45



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



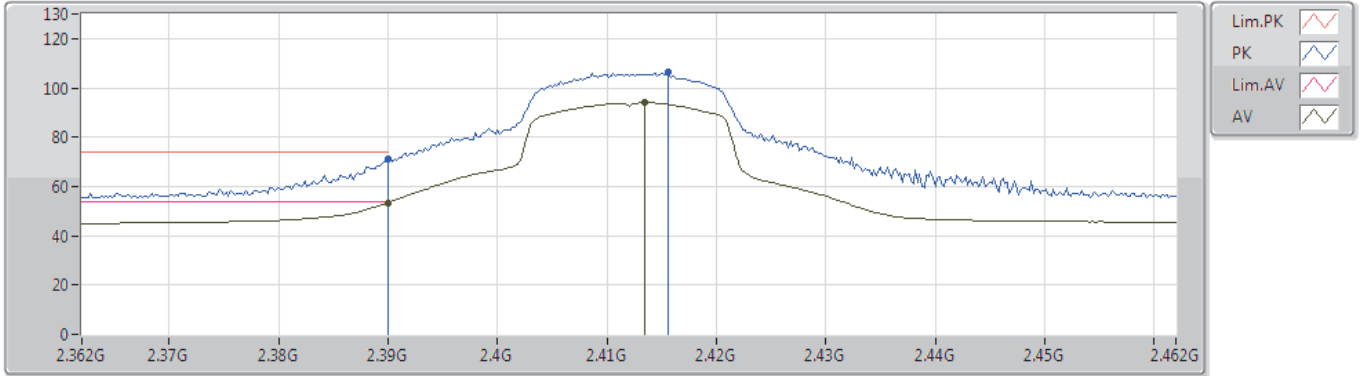
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.60	54.00	-0.40	32.09	3	Vertical	13	2.13	-	21.51	27.37	4.72	-
AV	2.4106G	92.73	Inf	-Inf	32.17	3	Vertical	13	2.13	-	60.56	27.43	4.74	-
PK	2.39G	69.66	74.00	-4.34	32.09	3	Vertical	13	2.13	-	37.57	27.37	4.72	-
PK	2.4116G	103.44	Inf	-Inf	32.17	3	Vertical	13	2.13	-	71.27	27.43	4.74	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



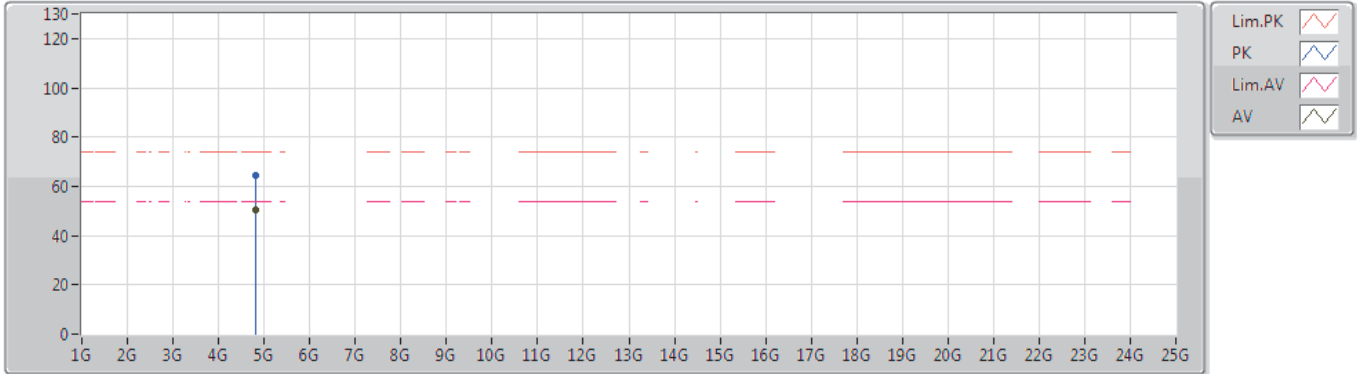
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.49	54.00	-0.51	32.09	3	Horizontal	54	1.67	-	21.40	27.37	4.72	-
AV	2.4134G	94.03	Inf	-Inf	32.19	3	Horizontal	54	1.67	-	61.84	27.44	4.75	-
PK	2.39G	70.95	74.00	-3.05	32.09	3	Horizontal	54	1.67	-	38.86	27.37	4.72	-
PK	2.4156G	106.22	Inf	-Inf	32.20	3	Horizontal	54	1.67	-	74.02	27.45	4.75	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82622G	50.17	54.00	-3.83	3.70	3	Vertical	223	1.70	-	46.47	31.39	6.79	34.48
PK	4.82208G	64.34	74.00	-9.66	3.69	3	Vertical	223	1.70	-	60.65	31.38	6.79	34.48

Remark :

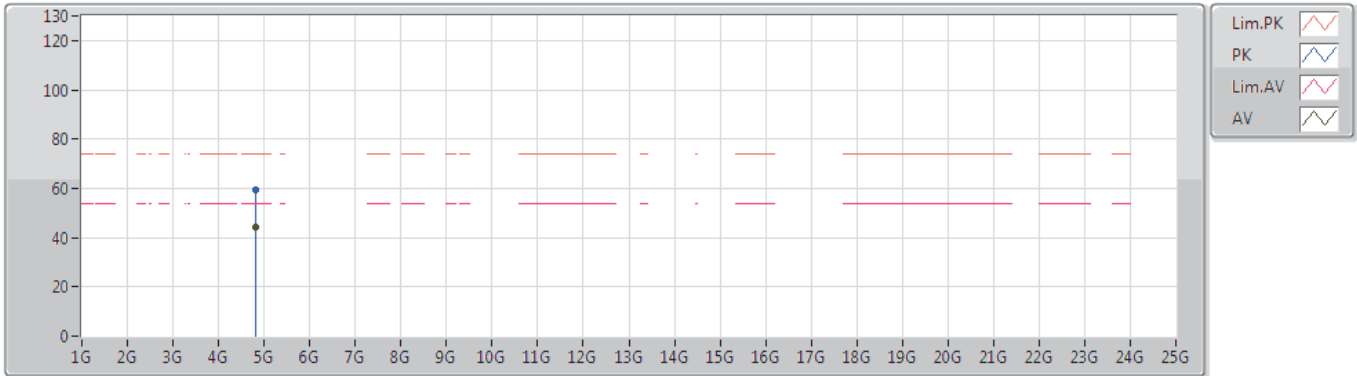
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



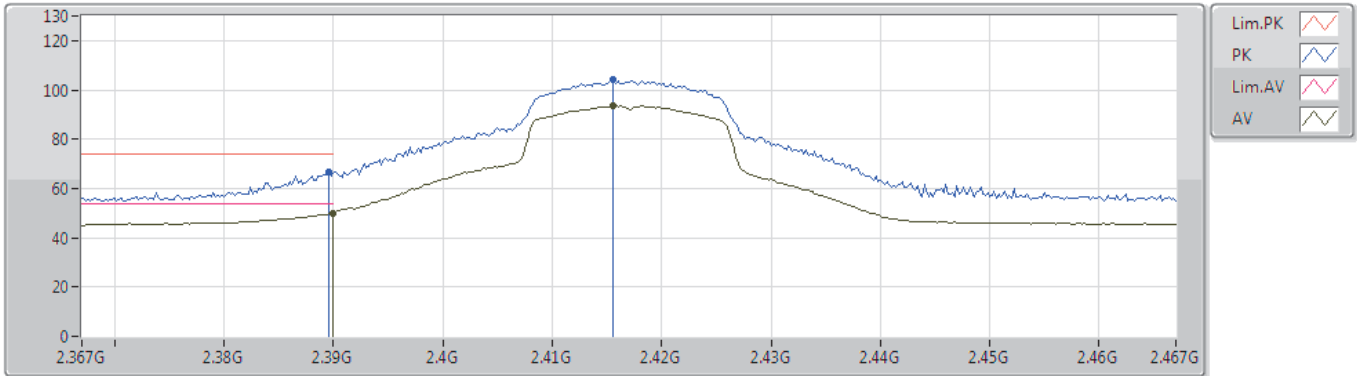
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82142G	44.51	54.00	-9.49	3.69	3	Horizontal	44	1.50	-	40.82	31.38	6.79	34.48
PK	4.8228G	59.16	74.00	-14.84	3.69	3	Horizontal	44	1.50	-	55.47	31.38	6.79	34.48



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2417MHz_TX



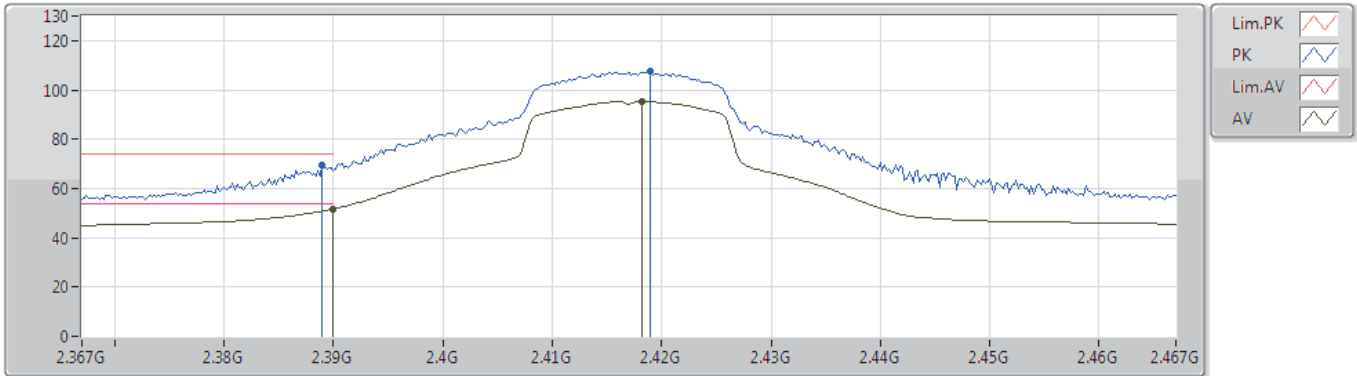
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.99	54.00	-4.01	32.09	3	Vertical	4	2.29	-	17.90	27.37	4.72	-
AV	2.4156G	93.39	Inf	-Inf	32.20	3	Vertical	4	2.29	-	61.19	27.45	4.75	-
PK	2.3896G	66.60	74.00	-7.40	32.09	3	Vertical	4	2.29	-	34.51	27.37	4.72	-
PK	2.4156G	104.31	Inf	-Inf	32.20	3	Vertical	4	2.29	-	72.11	27.45	4.75	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2417MHz_TX



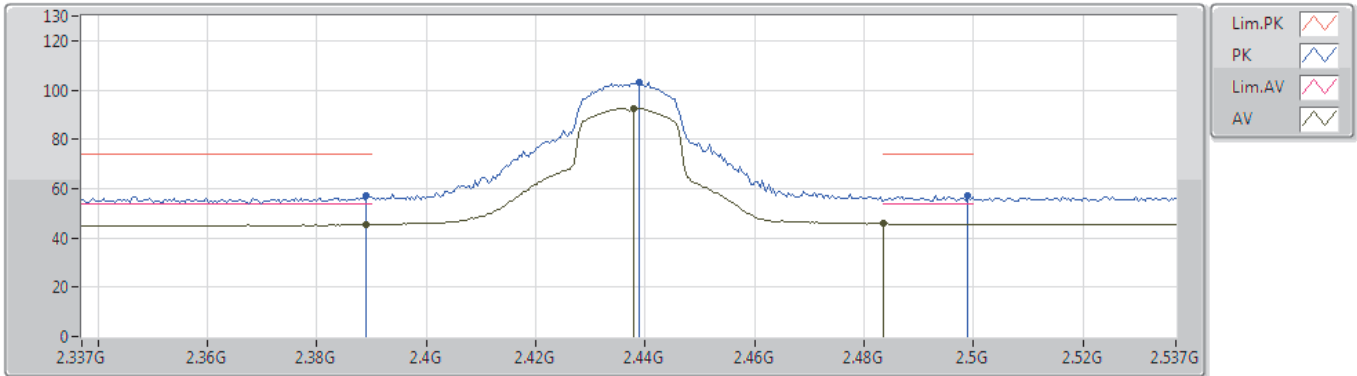
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.72	54.00	-2.28	32.09	3	Horizontal	59	2.08	-	19.63	27.37	4.72	-
AV	2.4182G	95.22	Inf	-Inf	32.20	3	Horizontal	59	2.08	-	63.02	27.45	4.75	-
PK	2.389G	69.39	74.00	-4.61	32.09	3	Horizontal	59	2.08	-	37.30	27.37	4.72	-
PK	2.419G	107.52	Inf	-Inf	32.21	3	Horizontal	59	2.08	-	75.31	27.46	4.75	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



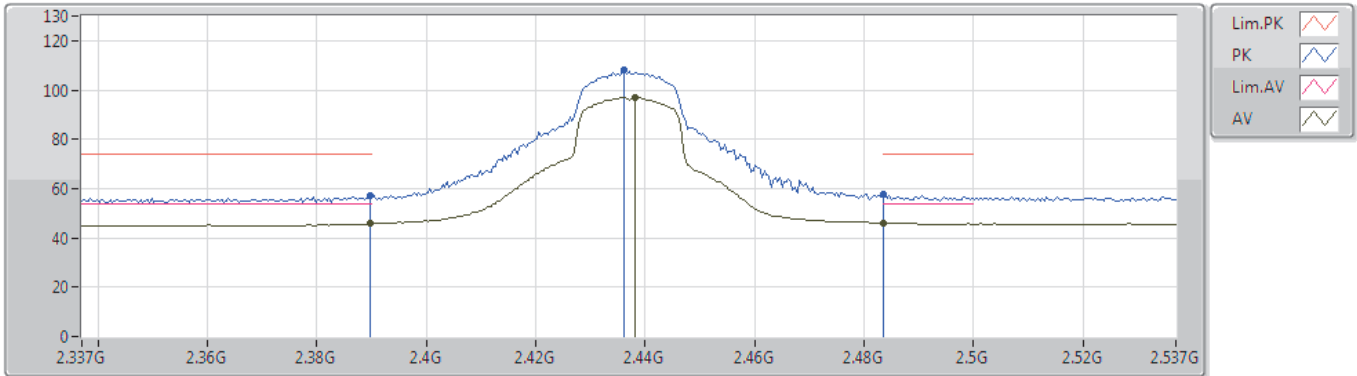
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	45.43	54.00	-8.57	32.09	3	Vertical	18	2.32	-	13.34	27.37	4.72	-
AV	2.4378G	92.49	Inf	-Inf	32.28	3	Vertical	18	2.32	-	60.21	27.51	4.77	-
AV	2.4835G	45.71	54.00	-8.29	32.48	3	Vertical	18	2.32	-	13.23	27.65	4.83	-
PK	2.389G	56.89	74.00	-17.11	32.09	3	Vertical	18	2.32	-	24.80	27.37	4.72	-
PK	2.439G	103.08	Inf	-Inf	32.30	3	Vertical	18	2.32	-	70.78	27.52	4.78	-
PK	2.499G	57.35	74.00	-16.65	32.55	3	Vertical	18	2.32	-	24.80	27.70	4.85	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



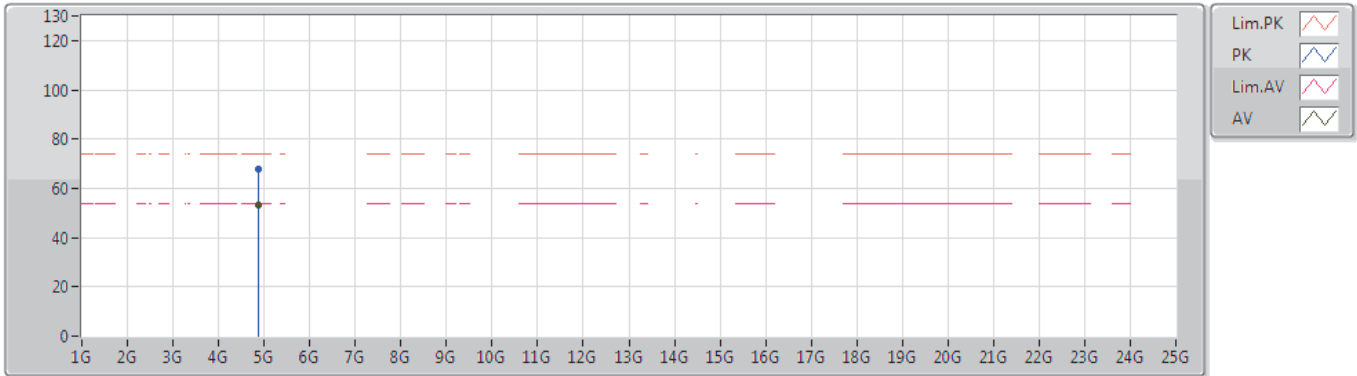
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	45.68	54.00	-8.32	32.09	3	Horizontal	62	2.30	-	13.59	27.37	4.72	-
AV	2.4382G	96.82	Inf	-Inf	32.28	3	Horizontal	62	2.30	-	64.54	27.51	4.77	-
AV	2.4835G	46.08	54.00	-7.92	32.48	3	Horizontal	62	2.30	-	13.60	27.65	4.83	-
PK	2.3898G	57.00	74.00	-17.00	32.09	3	Horizontal	62	2.30	-	24.91	27.37	4.72	-
PK	2.4362G	108.11	Inf	-Inf	32.28	3	Horizontal	62	2.30	-	75.83	27.51	4.77	-
PK	2.4835G	57.51	74.00	-16.49	32.48	3	Horizontal	62	2.30	-	25.03	27.65	4.83	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



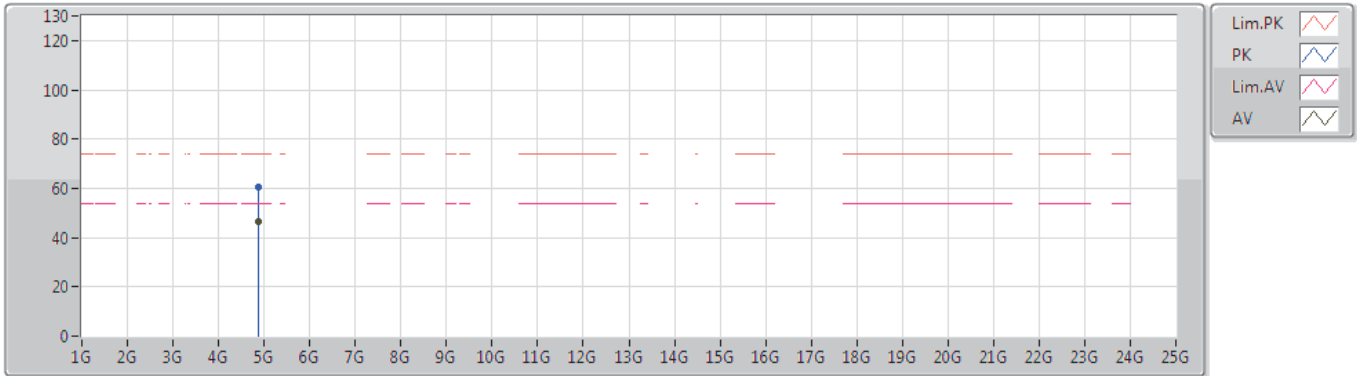
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87394G	53.12	54.00	-0.88	3.81	3	Vertical	172	1.75	-	49.31	31.47	6.81	34.47
PK	4.87268G	67.85	74.00	-6.15	3.81	3	Vertical	172	1.75	-	64.04	31.47	6.81	34.47



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



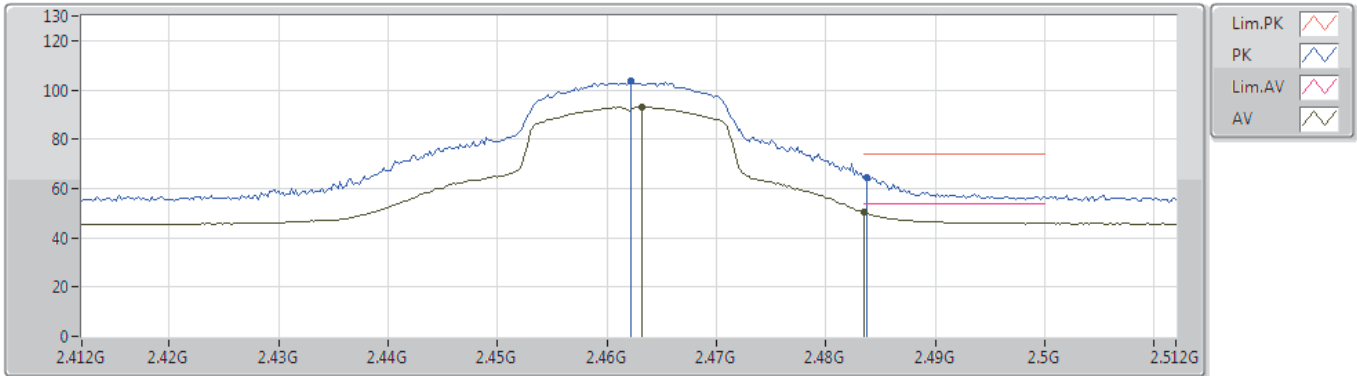
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8734G	46.42	54.00	-7.58	3.81	3	Horizontal	41	1.68	-	42.61	31.47	6.81	34.47
PK	4.87292G	60.65	74.00	-13.35	3.81	3	Horizontal	41	1.68	-	56.84	31.47	6.81	34.47



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2462MHz_TX



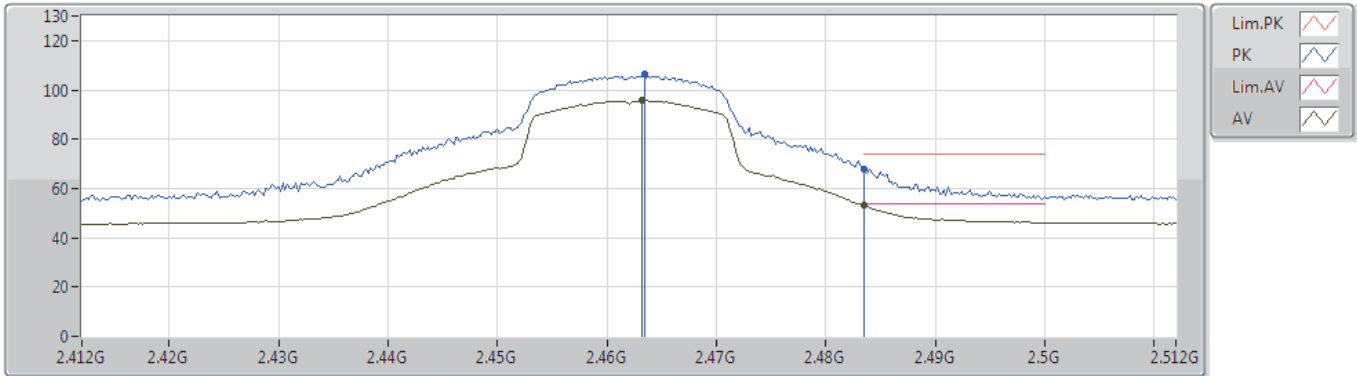
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4632G	92.99	Inf	-Inf	32.39	3	Vertical	14	2.18	-	60.60	27.59	4.80	-
AV	2.4835G	50.36	54.00	-3.64	32.48	3	Vertical	14	2.18	-	17.88	27.65	4.83	-
PK	2.4622G	103.49	Inf	-Inf	32.39	3	Vertical	14	2.18	-	71.10	27.59	4.80	-
PK	2.4838G	64.20	74.00	-9.80	32.48	3	Vertical	14	2.18	-	31.72	27.65	4.83	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2462MHz_TX



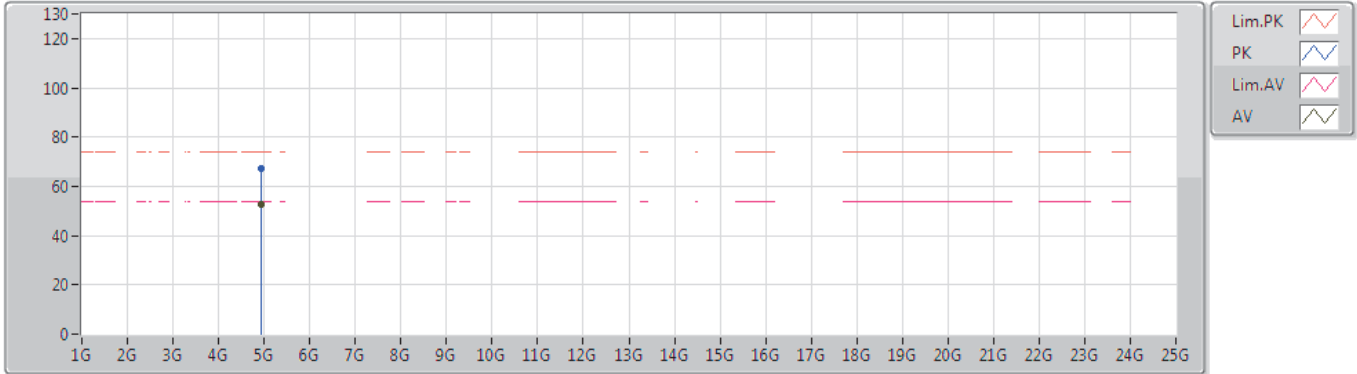
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4632G	95.84	Inf	-Inf	32.39	3	Horizontal	60	2.02	-	63.45	27.59	4.80	-
AV	2.4835G	53.19	54.00	-0.81	32.48	3	Horizontal	60	2.02	-	20.71	27.65	4.83	-
PK	2.4634G	106.25	Inf	-Inf	32.39	3	Horizontal	60	2.02	-	73.86	27.59	4.80	-
PK	2.4835G	67.96	74.00	-6.04	32.48	3	Horizontal	60	2.02	-	35.48	27.65	4.83	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92352G	52.42	54.00	-1.58	3.93	3	Vertical	170	1.87	-	48.49	31.56	6.82	34.45
PK	4.92274G	67.40	74.00	-6.60	3.93	3	Vertical	170	1.87	-	63.47	31.56	6.82	34.45

Remark :

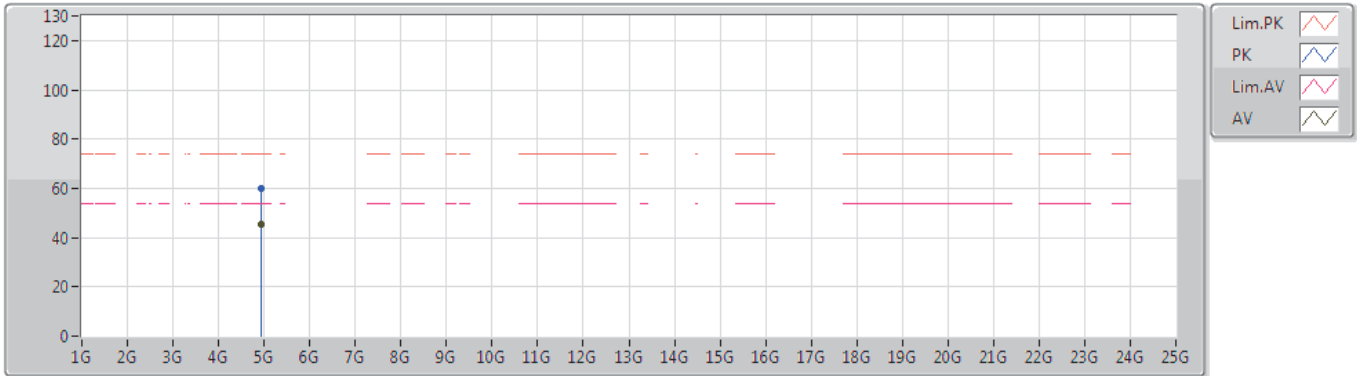
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2462MHz_TX



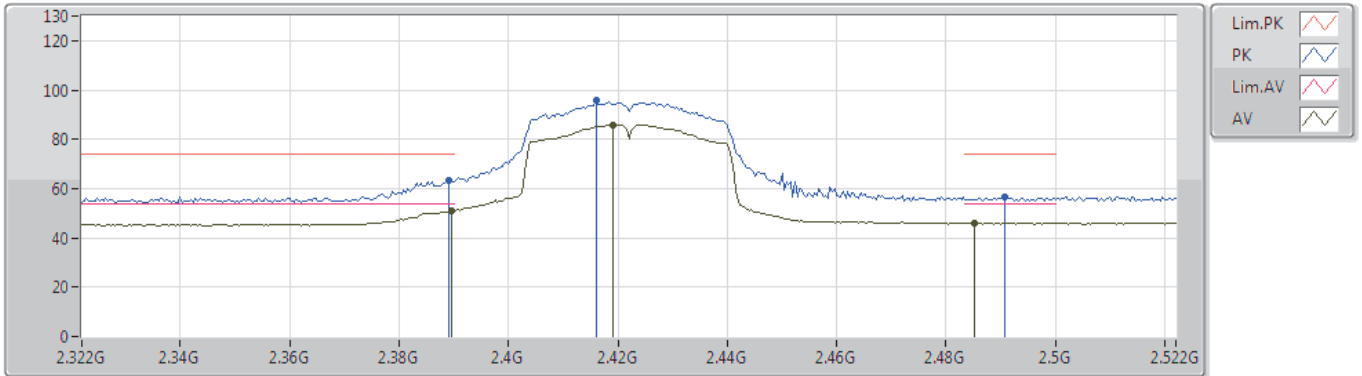
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92604G	45.33	54.00	-8.67	3.94	3	Horizontal	31	1.77	-	41.39	31.57	6.82	34.45
PK	4.92484G	59.83	74.00	-14.17	3.93	3	Horizontal	31	1.77	-	55.90	31.56	6.82	34.45



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2422MHz_TX



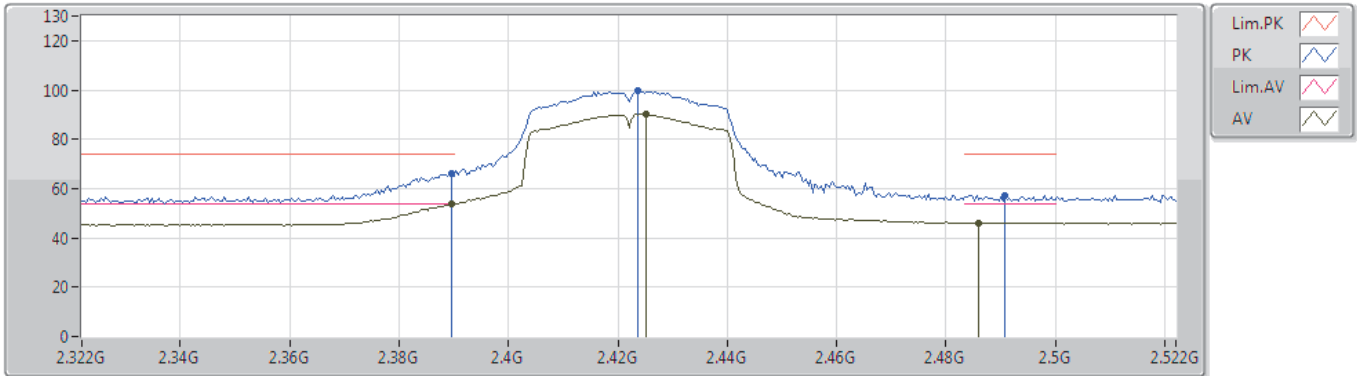
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	51.17	54.00	-2.83	32.09	3	Vertical	0	2.46	-	19.08	27.37	4.72	-
AV	2.4192G	85.76	Inf	-Inf	32.21	3	Vertical	0	2.46	-	53.55	27.46	4.75	-
AV	2.4852G	46.20	54.00	-7.80	32.49	3	Vertical	0	2.46	-	13.71	27.66	4.83	-
PK	2.3892G	63.29	74.00	-10.71	32.09	3	Vertical	0	2.46	-	31.20	27.37	4.72	-
PK	2.416G	95.60	Inf	-Inf	32.20	3	Vertical	0	2.46	-	63.40	27.45	4.75	-
PK	2.4908G	56.77	74.00	-17.23	32.51	3	Vertical	0	2.46	-	24.26	27.67	4.84	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2422MHz_TX



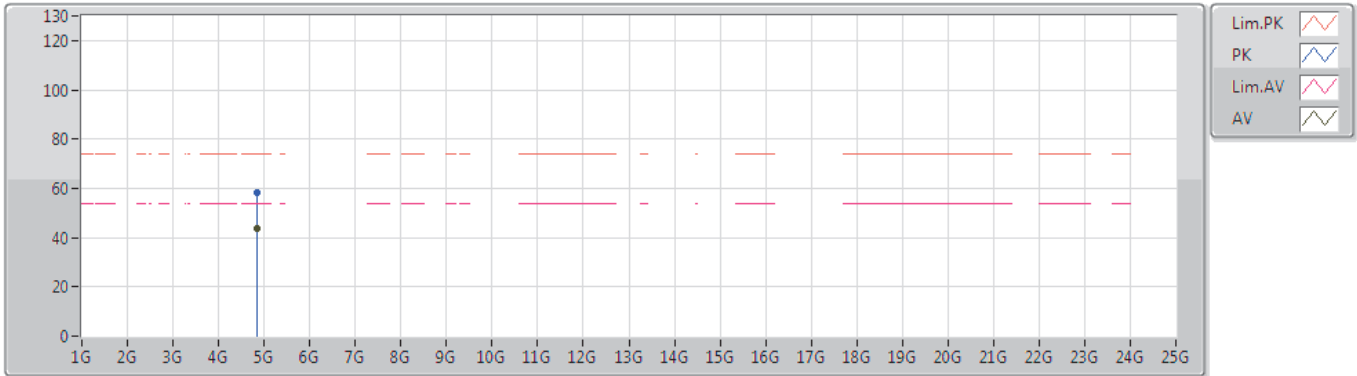
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	53.91	54.00	-0.09	32.09	3	Horizontal	57	2.09	-	21.82	27.37	4.72	-
AV	2.4252G	90.12	Inf	-Inf	32.24	3	Horizontal	57	2.09	-	57.88	27.48	4.76	-
AV	2.486G	46.12	54.00	-7.88	32.49	3	Horizontal	57	2.09	-	13.63	27.66	4.83	-
PK	2.3896G	66.20	74.00	-7.80	32.09	3	Horizontal	57	2.09	-	34.11	27.37	4.72	-
PK	2.4236G	99.78	Inf	-Inf	32.23	3	Horizontal	57	2.09	-	67.55	27.47	4.76	-
PK	2.4908G	57.13	74.00	-16.87	32.51	3	Horizontal	57	2.09	-	24.62	27.67	4.84	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2422MHz_TX



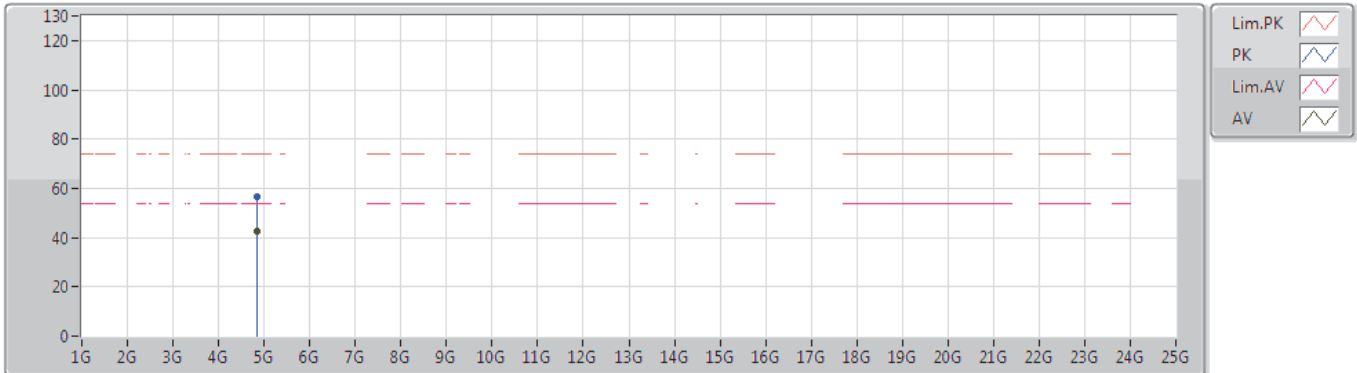
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84472G	43.85	54.00	-10.15	3.74	3	Vertical	170	1.75	-	40.11	31.42	6.80	34.48
PK	4.84448G	58.16	74.00	-15.84	3.74	3	Vertical	170	1.75	-	54.42	31.42	6.80	34.48



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2422MHz_TX



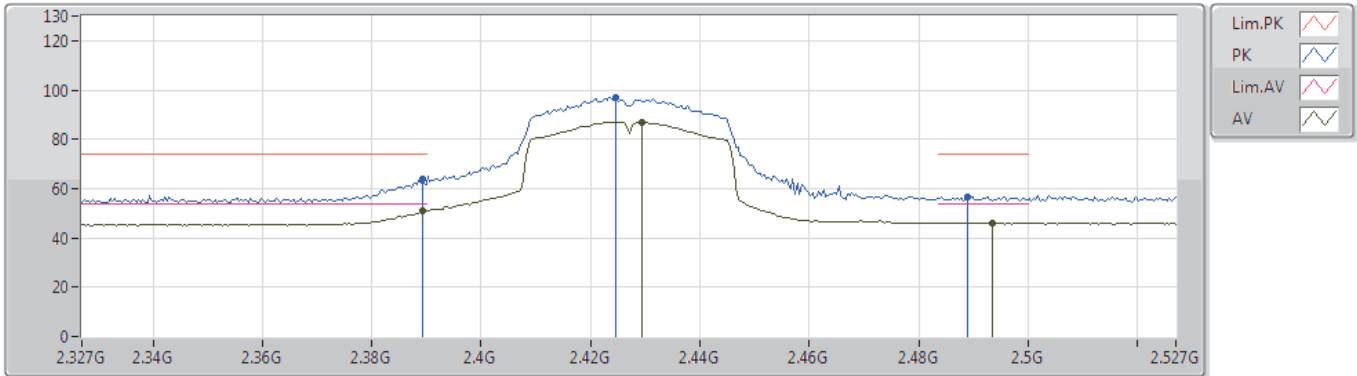
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84484G	42.84	54.00	-11.16	3.74	3	Horizontal	51	1.86	-	39.10	31.42	6.80	34.48
PK	4.84406G	56.72	74.00	-17.28	3.74	3	Horizontal	51	1.86	-	52.98	31.42	6.80	34.48



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2427MHz_TX



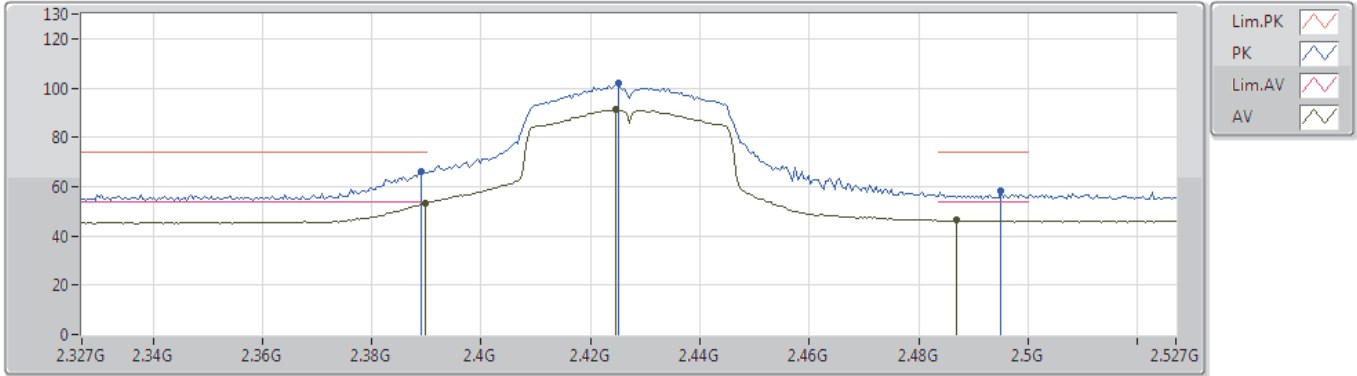
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	51.09	54.00	-2.91	32.09	3	Vertical	12	2.30	-	19.00	27.37	4.72	-
AV	2.4294G	86.90	Inf	-Inf	32.25	3	Vertical	12	2.30	-	54.65	27.49	4.76	-
AV	2.4934G	46.10	54.00	-7.90	32.52	3	Vertical	12	2.30	-	13.58	27.68	4.84	-
PK	2.3894G	63.72	74.00	-10.28	32.09	3	Vertical	12	2.30	-	31.63	27.37	4.72	-
PK	2.4246G	97.16	Inf	-Inf	32.23	3	Vertical	12	2.30	-	64.93	27.47	4.76	-
PK	2.489G	56.68	74.00	-17.32	32.50	3	Vertical	12	2.30	-	24.18	27.67	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2427MHz_TX



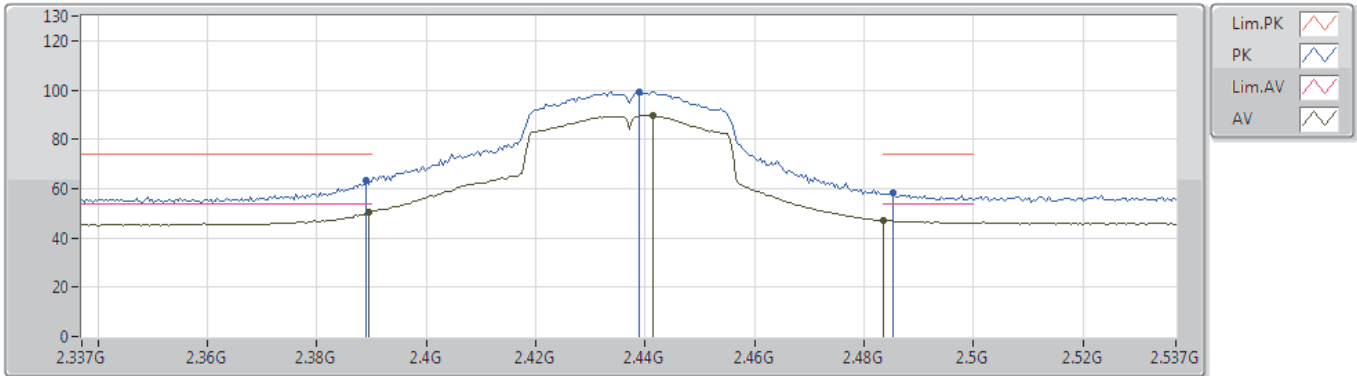
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.50	54.00	-0.50	32.09	3	Horizontal	56	2.08	-	21.41	27.37	4.72	-
AV	2.4246G	91.11	Inf	-Inf	32.23	3	Horizontal	56	2.08	-	58.88	27.47	4.76	-
AV	2.487G	46.27	54.00	-7.73	32.49	3	Horizontal	56	2.08	-	13.78	27.66	4.83	-
PK	2.389G	65.88	74.00	-8.12	32.09	3	Horizontal	56	2.08	-	33.79	27.37	4.72	-
PK	2.425G	101.82	Inf	-Inf	32.23	3	Horizontal	56	2.08	-	69.59	27.47	4.76	-
PK	2.495G	58.20	74.00	-15.80	32.52	3	Horizontal	56	2.08	-	25.68	27.68	4.84	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



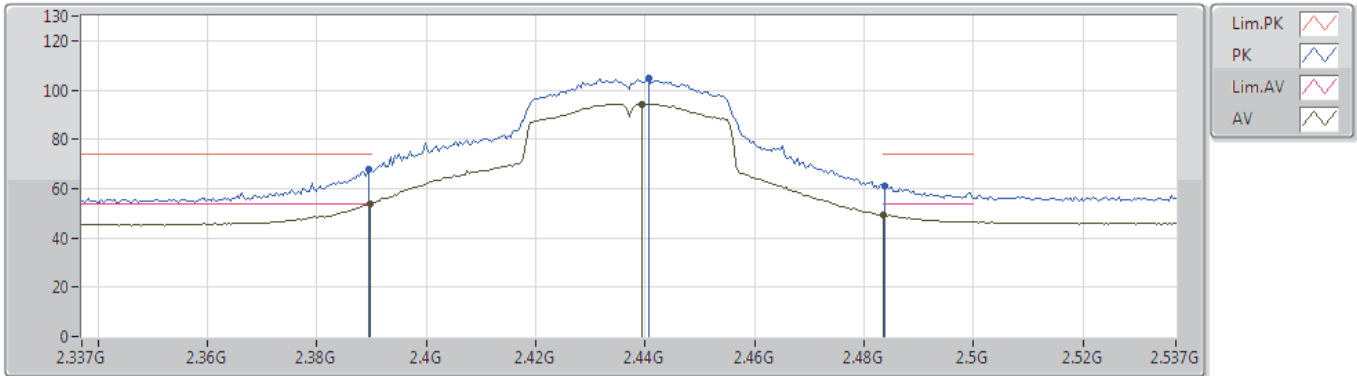
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	50.39	54.00	-3.61	32.09	3	Vertical	1	2.72	-	18.30	27.37	4.72	-
AV	2.4414G	89.85	Inf	-Inf	32.30	3	Vertical	1	2.72	-	57.55	27.52	4.78	-
AV	2.4835G	47.26	54.00	-6.74	32.48	3	Vertical	1	2.72	-	14.78	27.65	4.83	-
PK	2.389G	63.13	74.00	-10.87	32.09	3	Vertical	1	2.72	-	31.04	27.37	4.72	-
PK	2.439G	99.37	Inf	-Inf	32.30	3	Vertical	1	2.72	-	67.07	27.52	4.78	-
PK	2.4854G	58.00	74.00	-16.00	32.49	3	Vertical	1	2.72	-	25.51	27.66	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



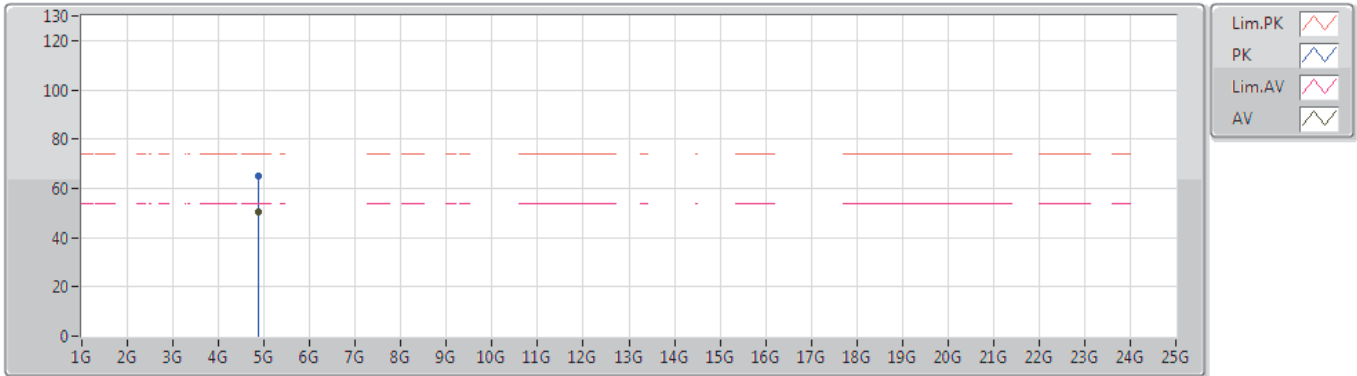
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.63	54.00	-0.37	32.09	3	Horizontal	61	2.32	-	21.54	27.37	4.72	-
AV	2.4394G	94.32	Inf	-Inf	32.30	3	Horizontal	61	2.32	-	62.02	27.52	4.78	-
AV	2.4835G	49.28	54.00	-4.72	32.48	3	Horizontal	61	2.32	-	16.80	27.65	4.83	-
PK	2.3894G	68.04	74.00	-5.96	32.09	3	Horizontal	61	2.32	-	35.95	27.37	4.72	-
PK	2.4406G	104.83	Inf	-Inf	32.30	3	Horizontal	61	2.32	-	72.53	27.52	4.78	-
PK	2.4838G	61.22	74.00	-12.78	32.48	3	Horizontal	61	2.32	-	28.74	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



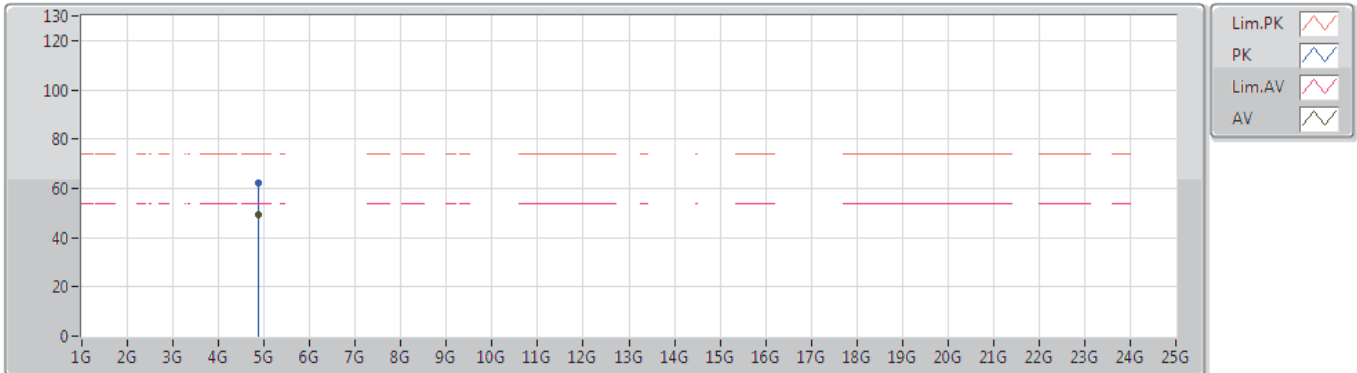
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AV	4.8748G	50.41	54.00	-3.59	3.81	3	Vertical	173	1.74	-	46.60	31.47	6.81	34.47
PK	4.8743G	64.85	74.00	-9.15	3.81	3	Vertical	173	1.74	-	61.04	31.47	6.81	34.47



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



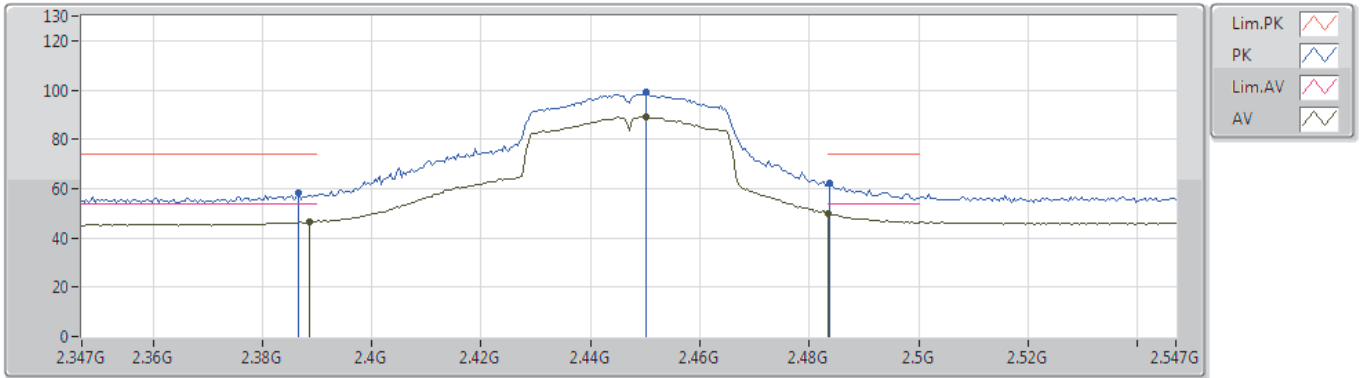
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AV	4.8748G	49.55	54.00	-4.45	3.81	3	Horizontal	344	1.80	-	45.74	31.47	6.81	34.47
PK	4.8748G	62.29	74.00	-11.71	3.81	3	Horizontal	344	1.80	-	58.48	31.47	6.81	34.47



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2447MHz_TX



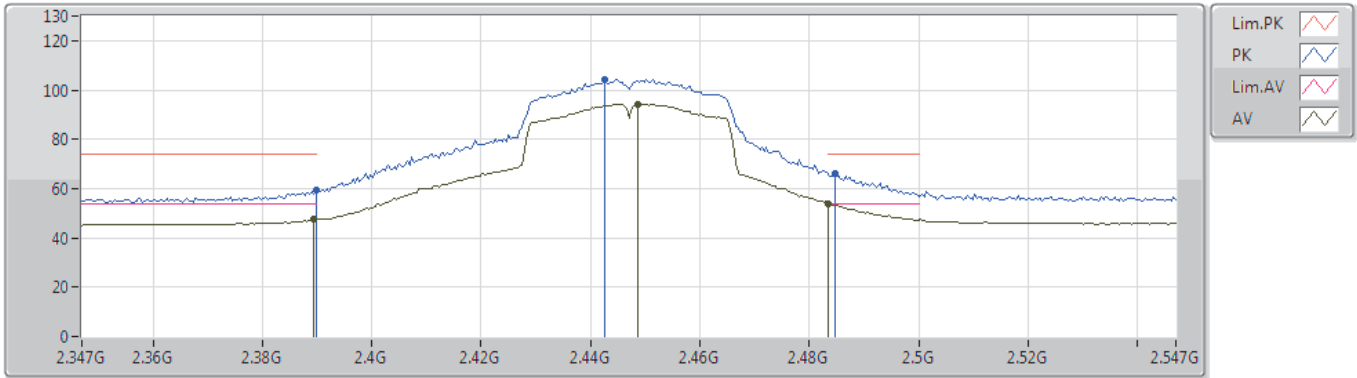
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AV	2.3886G	46.67	54.00	-7.33	32.09	3	Vertical	356	2.43	-	14.58	27.37	4.72	-
AV	2.4502G	89.11	Inf	-Inf	32.34	3	Vertical	356	2.43	-	56.77	27.55	4.79	-
AV	2.4835G	49.71	54.00	-4.29	32.48	3	Vertical	356	2.43	-	17.23	27.65	4.83	-
PK	2.3866G	58.06	74.00	-15.94	32.07	3	Vertical	356	2.43	-	25.99	27.36	4.71	-
PK	2.4502G	98.96	Inf	-Inf	32.34	3	Vertical	356	2.43	-	66.62	27.55	4.79	-
PK	2.4838G	62.41	74.00	-11.59	32.48	3	Vertical	356	2.43	-	29.93	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2447MHz_TX



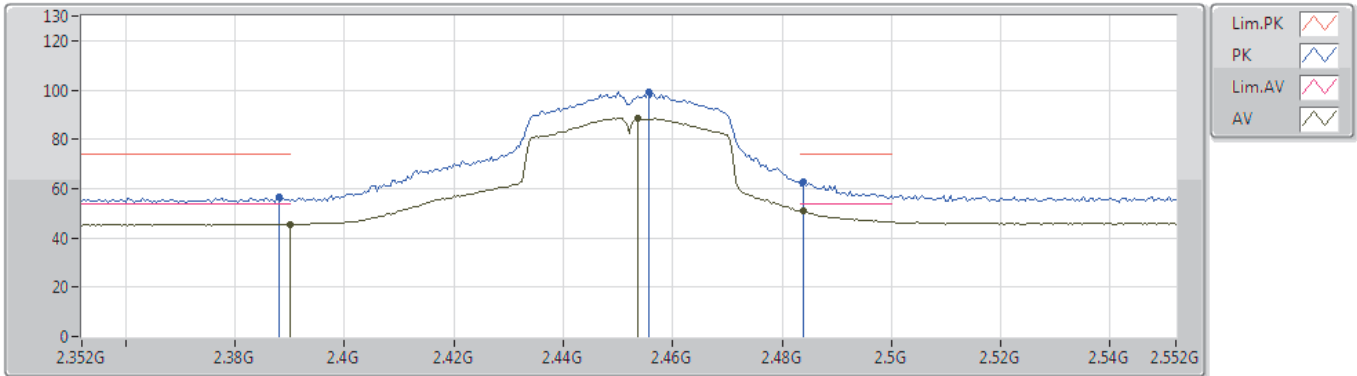
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	47.80	54.00	-6.20	32.09	3	Horizontal	60	2.23	-	15.71	27.37	4.72	-
AV	2.4486G	94.34	Inf	-Inf	32.34	3	Horizontal	60	2.23	-	62.00	27.55	4.79	-
AV	2.4835G	53.87	54.00	-0.13	32.48	3	Horizontal	60	2.23	-	21.39	27.65	4.83	-
PK	2.3898G	59.14	74.00	-14.86	32.09	3	Horizontal	60	2.23	-	27.05	27.37	4.72	-
PK	2.4426G	104.39	Inf	-Inf	32.31	3	Horizontal	60	2.23	-	72.08	27.53	4.78	-
PK	2.4846G	66.34	74.00	-7.66	32.48	3	Horizontal	60	2.23	-	33.86	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2452MHz_TX



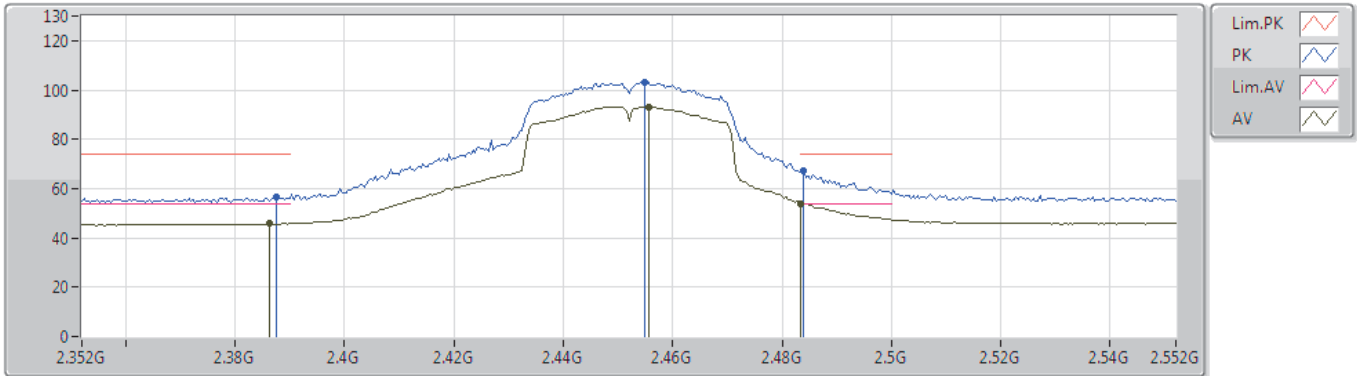
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	45.64	54.00	-8.36	32.09	3	Vertical	1	2.43	-	13.55	27.37	4.72	-
AV	2.4536G	88.41	Inf	-Inf	32.35	3	Vertical	1	2.43	-	56.06	27.56	4.79	-
AV	2.484G	50.79	54.00	-3.21	32.48	3	Vertical	1	2.43	-	18.31	27.65	4.83	-
PK	2.388G	56.46	74.00	-17.54	32.08	3	Vertical	1	2.43	-	24.38	27.36	4.72	-
PK	2.4556G	99.20	Inf	-Inf	32.37	3	Vertical	1	2.43	-	66.83	27.57	4.80	-
PK	2.484G	62.65	74.00	-11.35	32.48	3	Vertical	1	2.43	-	30.17	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2452MHz_TX



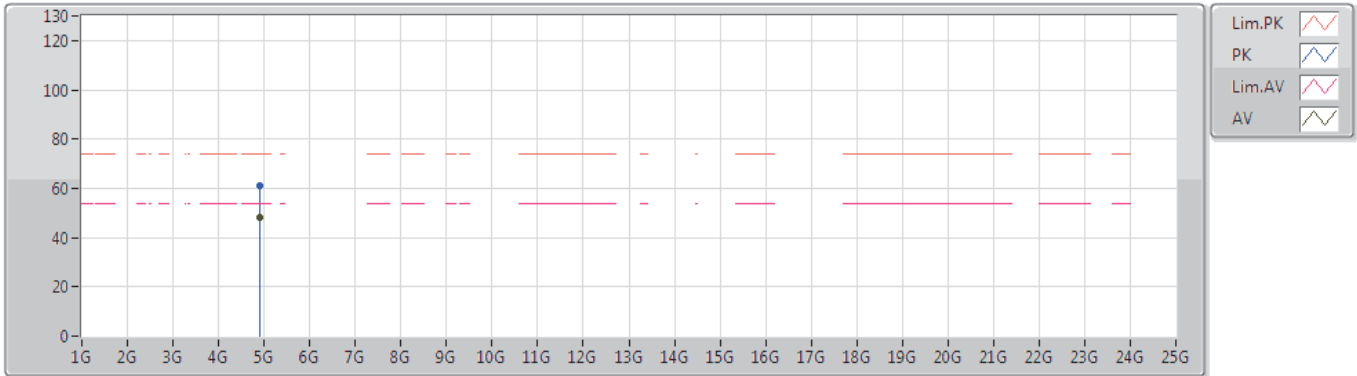
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3864G	45.83	54.00	-8.17	32.07	3	Horizontal	58	2.25	-	13.76	27.36	4.71	-
AV	2.4556G	93.17	Inf	-Inf	32.37	3	Horizontal	58	2.25	-	60.80	27.57	4.80	-
AV	2.4835G	53.79	54.00	-0.21	32.48	3	Horizontal	58	2.25	-	21.31	27.65	4.83	-
PK	2.3876G	56.32	74.00	-17.68	32.08	3	Horizontal	58	2.25	-	24.24	27.36	4.72	-
PK	2.4548G	103.22	Inf	-Inf	32.35	3	Horizontal	58	2.25	-	70.87	27.56	4.79	-
PK	2.484G	67.13	74.00	-6.87	32.48	3	Horizontal	58	2.25	-	34.65	27.65	4.83	-



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9026G	48.03	54.00	-5.97	3.88	3	Vertical	173	1.71	-	44.15	31.52	6.82	34.46
PK	4.9048G	61.33	74.00	-12.67	3.89	3	Vertical	173	1.71	-	57.44	31.53	6.82	34.46

Remark :

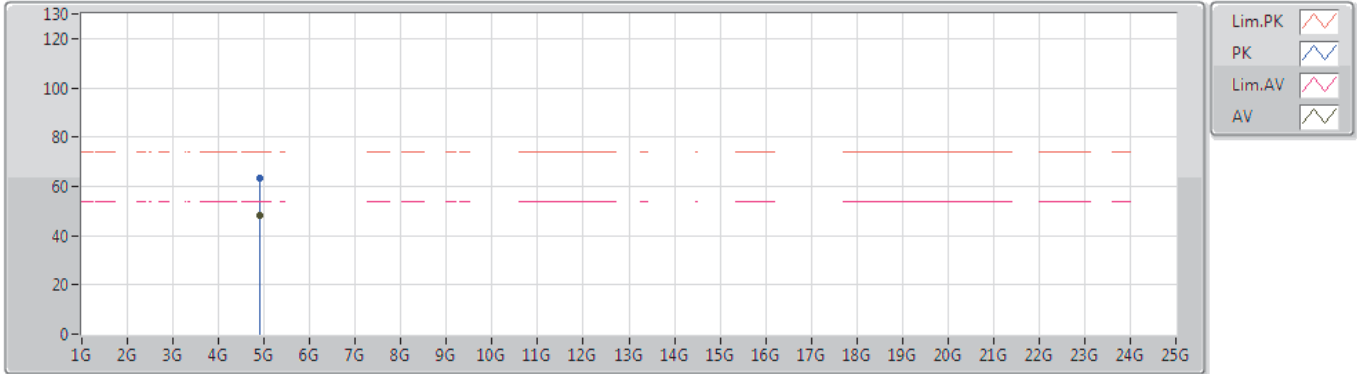
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11n HT40_Nss1,(MCS0)_1TX

05/07/2019

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9041G	48.39	54.00	-5.61	3.89	3	Horizontal	336	1.65	-	44.50	31.53	6.82	34.46
PK	4.9043G	63.13	74.00	-10.87	3.89	3	Horizontal	336	1.65	-	59.24	31.53	6.82	34.46



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	51.34M	34.81	40.00	-5.19	-14.27	3	Vertical	0	1.00	-



Result

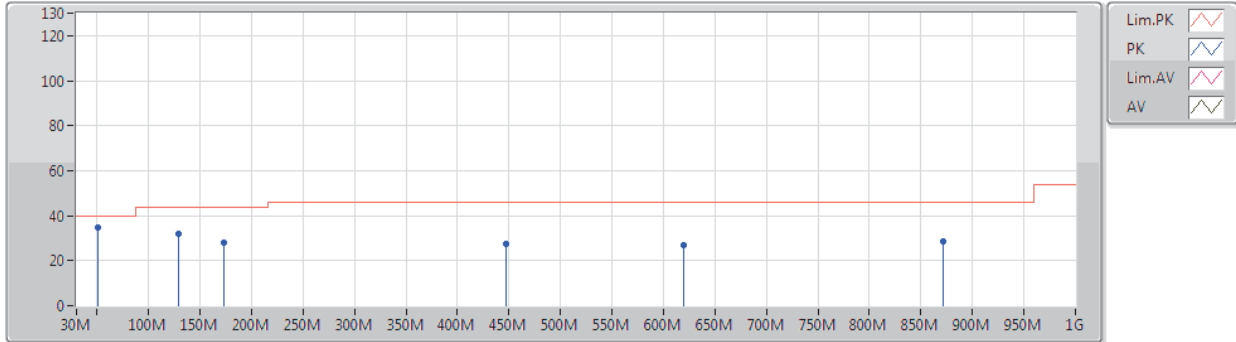
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1_(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	51.34M	34.81	40.00	-5.19	-14.27	3	Vertical	0	1.00	-
2437MHz	Pass	PK	128.94M	32.12	43.50	-11.38	-9.00	3	Vertical	0	1.00	-
2437MHz	Pass	PK	173.56M	28.01	43.50	-15.49	-10.85	3	Vertical	0	1.00	-
2437MHz	Pass	PK	447.1M	27.65	46.00	-18.35	-2.94	3	Vertical	0	1.00	-
2437MHz	Pass	PK	619.76M	27.02	46.00	-18.98	-0.48	3	Vertical	0	1.00	-
2437MHz	Pass	PK	871.96M	28.48	46.00	-17.52	2.10	3	Vertical	0	1.00	-
2437MHz	Pass	PK	99.84M	31.52	43.50	-11.98	-10.24	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	156.1M	32.51	43.50	-10.99	-10.42	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	276.38M	27.61	46.00	-18.39	-6.23	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	445.16M	29.64	46.00	-16.36	-2.96	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	617.82M	27.12	46.00	-18.88	-0.52	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	774.96M	36.38	46.00	-9.62	1.15	3	Horizontal	360	1.00	-



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2437MHz_PoE



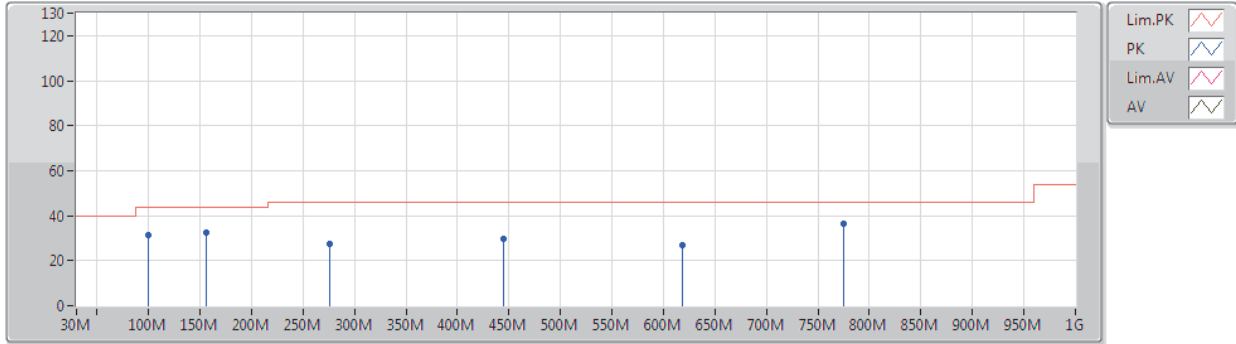
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	51.34M	34.81	40.00	-5.19	-14.27	3	Vertical	0	1.00	-	49.08	12.68	0.85	27.80
PK	128.94M	32.12	43.50	-11.38	-9.00	3	Vertical	0	1.00	-	41.12	16.96	1.70	27.66
PK	173.56M	28.01	43.50	-15.49	-10.85	3	Vertical	0	1.00	-	38.86	14.58	2.06	27.49
PK	447.1M	27.65	46.00	-18.35	-2.94	3	Vertical	0	1.00	-	30.59	21.92	3.23	28.09
PK	619.76M	27.02	46.00	-18.98	-0.48	3	Vertical	0	1.00	-	27.50	24.22	3.72	28.42
PK	871.96M	28.48	46.00	-17.52	2.10	3	Vertical	0	1.00	-	26.38	25.50	4.29	27.69



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	99.84M	31.52	43.50	-11.98	-10.24	3	Horizontal	360	1.00	-	41.76	16.07	1.47	27.78
PK	156.1M	32.51	43.50	-10.99	-10.42	3	Horizontal	360	1.00	-	42.93	15.23	1.91	27.56
PK	276.38M	27.61	46.00	-18.39	-6.23	3	Horizontal	360	1.00	-	33.84	18.10	2.85	27.18
PK	445.16M	29.64	46.00	-16.36	-2.96	3	Horizontal	360	1.00	-	32.60	21.89	3.23	28.08
PK	617.82M	27.12	46.00	-18.88	-0.52	3	Horizontal	360	1.00	-	27.64	24.18	3.72	28.42
PK	774.96M	36.38	46.00	-9.62	1.15	3	Horizontal	360	1.00	-	35.23	25.07	4.14	28.06



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.824G	53.32	54.00	-0.68	7.13	3	Horizontal	202	1.63	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.3896G	53.85	54.00	-0.15	31.54	3	Horizontal	308	1.01	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.3898G	53.85	54.00	-0.15	31.54	3	Horizontal	307	1.00	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.3894G	53.71	54.00	-0.29	31.54	3	Horizontal	294	1.01	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3696G	46.99	54.00	-7.01	31.60	3	Vertical	0	1.85	-
2412MHz	Pass	AV	2.4112G	97.09	Inf	-Inf	31.50	3	Vertical	0	1.85	-
2412MHz	Pass	PK	2.3644G	59.18	74.00	-14.82	31.61	3	Vertical	0	1.85	-
2412MHz	Pass	PK	2.411G	99.09	Inf	-Inf	31.50	3	Vertical	0	1.85	-
2412MHz	Pass	AV	2.3724G	47.27	54.00	-6.73	31.59	3	Horizontal	303	1.15	-
2412MHz	Pass	AV	2.4128G	99.03	Inf	-Inf	31.49	3	Horizontal	303	1.15	-
2412MHz	Pass	PK	2.3658G	59.96	74.00	-14.04	31.61	3	Horizontal	303	1.15	-
2412MHz	Pass	PK	2.4128G	101.06	Inf	-Inf	31.49	3	Horizontal	303	1.15	-
2412MHz	Pass	AV	4.824G	51.33	54.00	-2.67	7.13	3	Vertical	140	1.52	-
2412MHz	Pass	PK	4.82394G	54.29	74.00	-19.71	7.13	3	Vertical	140	1.52	-
2412MHz	Pass	AV	4.824G	53.32	54.00	-0.68	7.13	3	Horizontal	202	1.63	-
2412MHz	Pass	PK	4.824G	55.75	74.00	-18.25	7.13	3	Horizontal	202	1.63	-
2437MHz	Pass	AV	2.3378G	47.27	54.00	-6.73	31.70	3	Vertical	9	1.42	-
2437MHz	Pass	AV	2.4362G	97.30	Inf	-Inf	31.47	3	Vertical	9	1.42	-
2437MHz	Pass	AV	2.4842G	47.60	54.00	-6.40	31.42	3	Vertical	9	1.42	-
2437MHz	Pass	PK	2.3858G	59.40	74.00	-14.60	31.55	3	Vertical	9	1.42	-
2437MHz	Pass	PK	2.4362G	99.26	Inf	-Inf	31.47	3	Vertical	9	1.42	-
2437MHz	Pass	PK	2.4946G	59.06	74.00	-14.94	31.40	3	Vertical	9	1.42	-
2437MHz	Pass	AV	2.3382G	47.27	54.00	-6.73	31.70	3	Horizontal	301	1.07	-
2437MHz	Pass	AV	2.4362G	99.44	Inf	-Inf	31.47	3	Horizontal	301	1.07	-
2437MHz	Pass	AV	2.4842G	47.60	54.00	-6.40	31.42	3	Horizontal	301	1.07	-
2437MHz	Pass	PK	2.337G	59.32	74.00	-14.68	31.70	3	Horizontal	301	1.07	-
2437MHz	Pass	PK	2.4362G	101.43	Inf	-Inf	31.47	3	Horizontal	301	1.07	-
2437MHz	Pass	PK	2.4866G	59.85	74.00	-14.15	31.42	3	Horizontal	301	1.07	-
2437MHz	Pass	AV	4.874G	51.16	54.00	-2.84	7.23	3	Vertical	71	1.68	-
2437MHz	Pass	AV	7.29624G	38.68	54.00	-15.32	13.10	3	Vertical	68	1.02	-
2437MHz	Pass	PK	4.87406G	53.80	74.00	-20.20	7.23	3	Vertical	71	1.68	-
2437MHz	Pass	PK	7.29696G	51.12	74.00	-22.88	13.10	3	Vertical	68	1.02	-
2437MHz	Pass	AV	4.874G	53.03	54.00	-0.97	7.23	3	Horizontal	200	1.58	-
2437MHz	Pass	AV	7.31226G	38.86	54.00	-15.14	13.07	3	Horizontal	131	1.50	-
2437MHz	Pass	PK	4.87394G	55.52	74.00	-18.48	7.23	3	Horizontal	200	1.58	-
2437MHz	Pass	PK	7.30086G	51.02	74.00	-22.98	13.11	3	Horizontal	131	1.50	-
2462MHz	Pass	AV	2.4628G	96.61	Inf	-Inf	31.44	3	Vertical	5	1.55	-
2462MHz	Pass	AV	2.4846G	47.61	54.00	-6.39	31.42	3	Vertical	5	1.55	-
2462MHz	Pass	PK	2.4628G	98.65	Inf	-Inf	31.44	3	Vertical	5	1.55	-
2462MHz	Pass	PK	2.4878G	59.91	74.00	-14.09	31.41	3	Vertical	5	1.55	-
2462MHz	Pass	AV	2.4628G	98.18	Inf	-Inf	31.44	3	Horizontal	302	1.04	-
2462MHz	Pass	AV	2.4984G	47.88	54.00	-6.12	31.40	3	Horizontal	302	1.04	-
2462MHz	Pass	PK	2.4628G	100.22	Inf	-Inf	31.44	3	Horizontal	302	1.04	-
2462MHz	Pass	PK	2.4908G	59.64	74.00	-14.36	31.41	3	Horizontal	302	1.04	-
2462MHz	Pass	AV	4.92394G	50.69	54.00	-3.31	7.37	3	Vertical	66	1.64	-
2462MHz	Pass	AV	7.37334G	38.23	54.00	-15.77	12.84	3	Vertical	316	2.28	-
2462MHz	Pass	PK	4.92406G	53.67	74.00	-20.33	7.37	3	Vertical	66	1.64	-
2462MHz	Pass	PK	7.37394G	50.42	74.00	-23.58	12.84	3	Vertical	316	2.28	-
2462MHz	Pass	AV	4.924G	52.99	54.00	-1.01	7.37	3	Horizontal	198	1.53	-
2462MHz	Pass	AV	7.371G	38.04	54.00	-15.96	12.85	3	Horizontal	51	1.56	-
2462MHz	Pass	PK	4.92394G	55.39	74.00	-18.61	7.37	3	Horizontal	198	1.53	-

Remark :

Page No. : F2 of F67

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.37178G	51.00	74.00	-23.00	12.85	3	Horizontal	51	1.56	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.93	54.00	-2.07	31.54	3	Vertical	13	1.61	-
2412MHz	Pass	AV	2.411G	96.01	Inf	-Inf	31.50	3	Vertical	13	1.61	-
2412MHz	Pass	PK	2.3898G	66.30	74.00	-7.70	31.54	3	Vertical	13	1.61	-
2412MHz	Pass	PK	2.415G	105.25	Inf	-Inf	31.49	3	Vertical	13	1.61	-
2412MHz	Pass	AV	2.39G	53.43	54.00	-0.57	31.54	3	Horizontal	303	1.14	-
2412MHz	Pass	AV	2.4128G	98.00	Inf	-Inf	31.49	3	Horizontal	303	1.14	-
2412MHz	Pass	PK	2.3898G	67.47	74.00	-6.53	31.54	3	Horizontal	303	1.14	-
2412MHz	Pass	PK	2.415G	107.16	Inf	-Inf	31.49	3	Horizontal	303	1.14	-
2412MHz	Pass	AV	4.82382G	47.08	54.00	-6.92	7.13	3	Vertical	141	1.52	-
2412MHz	Pass	PK	4.82496G	60.43	74.00	-13.57	7.13	3	Vertical	141	1.52	-
2412MHz	Pass	AV	4.82346G	48.46	54.00	-5.54	7.13	3	Horizontal	206	1.93	-
2412MHz	Pass	PK	4.82502G	61.90	74.00	-12.10	7.14	3	Horizontal	206	1.93	-
2417MHz	Pass	AV	2.39G	52.56	54.00	-1.44	31.54	3	Vertical	37	1.24	-
2417MHz	Pass	AV	2.418G	97.98	Inf	-Inf	31.48	3	Vertical	37	1.24	-
2417MHz	Pass	PK	2.3894G	69.03	74.00	-4.97	31.54	3	Vertical	37	1.24	-
2417MHz	Pass	PK	2.4198G	107.29	Inf	-Inf	31.48	3	Vertical	37	1.24	-
2417MHz	Pass	AV	2.3896G	53.85	54.00	-0.15	31.54	3	Horizontal	308	1.01	-
2417MHz	Pass	AV	2.418G	99.46	Inf	-Inf	31.48	3	Horizontal	308	1.01	-
2417MHz	Pass	PK	2.3894G	70.93	74.00	-3.07	31.54	3	Horizontal	308	1.01	-
2417MHz	Pass	PK	2.4198G	108.74	Inf	-Inf	31.48	3	Horizontal	308	1.01	-
2437MHz	Pass	AV	2.3602G	47.58	54.00	-6.42	31.63	3	Vertical	8	1.43	-
2437MHz	Pass	AV	2.4362G	98.71	Inf	-Inf	31.47	3	Vertical	8	1.43	-
2437MHz	Pass	AV	2.4842G	48.16	54.00	-5.84	31.42	3	Vertical	8	1.43	-
2437MHz	Pass	PK	2.3806G	59.27	74.00	-14.73	31.57	3	Vertical	8	1.43	-
2437MHz	Pass	PK	2.4346G	107.37	Inf	-Inf	31.47	3	Vertical	8	1.43	-
2437MHz	Pass	PK	2.4938G	59.13	74.00	-14.87	31.40	3	Vertical	8	1.43	-
2437MHz	Pass	AV	2.3886G	47.81	54.00	-6.19	31.55	3	Horizontal	303	1.06	-
2437MHz	Pass	AV	2.4358G	100.71	Inf	-Inf	31.47	3	Horizontal	303	1.06	-
2437MHz	Pass	AV	2.4846G	48.43	54.00	-5.57	31.42	3	Horizontal	303	1.06	-
2437MHz	Pass	PK	2.3662G	58.90	74.00	-15.10	31.61	3	Horizontal	303	1.06	-
2437MHz	Pass	PK	2.439G	109.28	Inf	-Inf	31.46	3	Horizontal	303	1.06	-
2437MHz	Pass	PK	2.489G	59.77	74.00	-14.23	31.41	3	Horizontal	303	1.06	-
2437MHz	Pass	AV	4.87544G	49.92	54.00	-4.08	7.24	3	Vertical	141	1.45	-
2437MHz	Pass	AV	7.3098G	41.29	54.00	-12.71	13.07	3	Vertical	69	1.29	-
2437MHz	Pass	PK	4.87508G	62.95	74.00	-11.05	7.24	3	Vertical	141	1.45	-
2437MHz	Pass	PK	7.31118G	53.97	74.00	-20.03	13.07	3	Vertical	69	1.29	-
2437MHz	Pass	AV	4.87472G	53.10	54.00	-0.90	7.23	3	Horizontal	197	1.50	-
2437MHz	Pass	AV	7.31376G	42.70	54.00	-11.30	13.06	3	Horizontal	129	1.42	-
2437MHz	Pass	PK	4.87496G	66.50	74.00	-7.50	7.23	3	Horizontal	197	1.50	-
2437MHz	Pass	PK	7.31406G	54.40	74.00	-19.60	13.06	3	Horizontal	129	1.42	-
2457MHz	Pass	AV	2.456G	97.73	Inf	-Inf	31.45	3	Vertical	279	1.69	-
2457MHz	Pass	AV	2.4835G	50.02	54.00	-3.98	31.41	3	Vertical	279	1.69	-
2457MHz	Pass	PK	2.4598G	106.86	Inf	-Inf	31.44	3	Vertical	279	1.69	-
2457MHz	Pass	PK	2.4852G	62.29	74.00	-11.71	31.42	3	Vertical	279	1.69	-
2457MHz	Pass	AV	2.4554G	99.22	Inf	-Inf	31.45	3	Horizontal	305	1.10	-
2457MHz	Pass	AV	2.4835G	50.87	54.00	-3.13	31.41	3	Horizontal	305	1.10	-
2457MHz	Pass	PK	2.4556G	107.71	Inf	-Inf	31.45	3	Horizontal	305	1.10	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



RSE TX above 1GHz_EnStation5-ACv2

Appendix F.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.485G	63.27	74.00	-10.73	31.42	3	Horizontal	305	1.10	-
2462MHz	Pass	AV	2.463G	96.60	Inf	-Inf	31.44	3	Vertical	0	1.56	-
2462MHz	Pass	AV	2.4835G	52.37	54.00	-1.63	31.41	3	Vertical	0	1.56	-
2462MHz	Pass	PK	2.462G	105.54	Inf	-Inf	31.44	3	Vertical	0	1.56	-
2462MHz	Pass	PK	2.4835G	67.28	74.00	-6.72	31.41	3	Vertical	0	1.56	-
2462MHz	Pass	AV	2.4636G	98.22	Inf	-Inf	31.44	3	Horizontal	302	1.04	-
2462MHz	Pass	AV	2.4835G	53.46	54.00	-0.54	31.41	3	Horizontal	302	1.04	-
2462MHz	Pass	PK	2.4646G	107.64	Inf	-Inf	31.44	3	Horizontal	302	1.04	-
2462MHz	Pass	PK	2.4836G	68.58	74.00	-5.42	31.41	3	Horizontal	302	1.04	-
2462MHz	Pass	AV	4.92616G	48.40	54.00	-5.60	7.38	3	Vertical	66	1.64	-
2462MHz	Pass	AV	7.38594G	39.87	54.00	-14.13	12.79	3	Vertical	70	1.47	-
2462MHz	Pass	PK	4.92496G	62.18	74.00	-11.82	7.37	3	Vertical	66	1.64	-
2462MHz	Pass	PK	7.39728G	52.88	74.00	-21.12	12.75	3	Vertical	70	1.47	-
2462MHz	Pass	AV	4.92538G	51.17	54.00	-2.83	7.38	3	Horizontal	199	1.52	-
2462MHz	Pass	AV	7.3845G	41.87	54.00	-12.13	12.80	3	Horizontal	130	1.50	-
2462MHz	Pass	PK	4.92484G	64.92	74.00	-9.08	7.37	3	Horizontal	199	1.52	-
2462MHz	Pass	PK	7.386G	54.25	74.00	-19.75	12.79	3	Horizontal	130	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.44	54.00	-0.56	31.54	3	Vertical	33	1.23	-
2412MHz	Pass	AV	2.4108G	95.75	Inf	-Inf	31.50	3	Vertical	33	1.23	-
2412MHz	Pass	PK	2.3892G	66.82	74.00	-7.18	31.54	3	Vertical	33	1.23	-
2412MHz	Pass	PK	2.4118G	105.54	Inf	-Inf	31.50	3	Vertical	33	1.23	-
2412MHz	Pass	AV	2.3898G	53.85	54.00	-0.15	31.54	3	Horizontal	307	1.00	-
2412MHz	Pass	AV	2.414G	96.69	Inf	-Inf	31.49	3	Horizontal	307	1.00	-
2412MHz	Pass	PK	2.3892G	67.66	74.00	-6.34	31.54	3	Horizontal	307	1.00	-
2412MHz	Pass	PK	2.4136G	105.82	Inf	-Inf	31.49	3	Horizontal	307	1.00	-
2412MHz	Pass	AV	4.82262G	47.43	54.00	-6.57	7.13	3	Vertical	148	1.60	-
2412MHz	Pass	PK	4.82256G	60.65	74.00	-13.35	7.13	3	Vertical	148	1.60	-
2412MHz	Pass	AV	4.82256G	46.38	54.00	-7.62	7.13	3	Horizontal	214	1.62	-
2412MHz	Pass	PK	4.82238G	59.48	74.00	-14.52	7.13	3	Horizontal	214	1.62	-
2417MHz	Pass	AV	2.39G	52.08	54.00	-1.92	31.54	3	Vertical	21	1.46	-
2417MHz	Pass	AV	2.416G	97.31	Inf	-Inf	31.49	3	Vertical	21	1.46	-
2417MHz	Pass	PK	2.3898G	68.15	74.00	-5.85	31.54	3	Vertical	21	1.46	-
2417MHz	Pass	PK	2.4168G	106.64	Inf	-Inf	31.49	3	Vertical	21	1.46	-
2417MHz	Pass	AV	2.3898G	53.01	54.00	-0.99	31.54	3	Horizontal	297	1.01	-
2417MHz	Pass	AV	2.4178G	98.38	Inf	-Inf	31.48	3	Horizontal	297	1.01	-
2417MHz	Pass	PK	2.39G	68.42	74.00	-5.58	31.54	3	Horizontal	297	1.01	-
2417MHz	Pass	PK	2.416G	107.27	Inf	-Inf	31.49	3	Horizontal	297	1.01	-
2437MHz	Pass	AV	2.3898G	47.96	54.00	-6.04	31.54	3	Vertical	30	1.22	-
2437MHz	Pass	AV	2.4358G	99.89	Inf	-Inf	31.47	3	Vertical	30	1.22	-
2437MHz	Pass	AV	2.4838G	48.83	54.00	-5.17	31.41	3	Vertical	30	1.22	-
2437MHz	Pass	PK	2.3542G	59.13	74.00	-14.87	31.64	3	Vertical	30	1.22	-
2437MHz	Pass	PK	2.4358G	109.06	Inf	-Inf	31.47	3	Vertical	30	1.22	-
2437MHz	Pass	PK	2.495G	59.36	74.00	-14.64	31.41	3	Vertical	30	1.22	-
2437MHz	Pass	AV	2.389G	48.22	54.00	-5.78	31.54	3	Horizontal	300	1.07	-
2437MHz	Pass	AV	2.4362G	99.87	Inf	-Inf	31.47	3	Horizontal	300	1.07	-
2437MHz	Pass	AV	2.4842G	48.84	54.00	-5.16	31.42	3	Horizontal	300	1.07	-
2437MHz	Pass	PK	2.345G	59.17	74.00	-14.83	31.67	3	Horizontal	300	1.07	-
2437MHz	Pass	PK	2.4386G	108.67	Inf	-Inf	31.46	3	Horizontal	300	1.07	-

Remark :

Page No. : F4 of F67

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

961714



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	2.4835G	60.25	74.00	-13.75	31.41	3	Horizontal	300	1.07	-
2437MHz	Pass	AV	4.87472G	51.73	54.00	-2.27	7.23	3	Vertical	145	1.56	-
2437MHz	Pass	AV	7.30998G	42.10	54.00	-11.90	13.07	3	Vertical	72	1.42	-
2437MHz	Pass	PK	4.87478G	64.72	74.00	-9.28	7.23	3	Vertical	145	1.56	-
2437MHz	Pass	PK	7.31184G	55.81	74.00	-18.19	13.07	3	Vertical	72	1.42	-
2437MHz	Pass	AV	4.87496G	53.54	54.00	-0.46	7.23	3	Horizontal	202	1.27	-
2437MHz	Pass	AV	7.3116G	42.78	54.00	-11.22	13.07	3	Horizontal	136	1.54	-
2437MHz	Pass	PK	4.87226G	66.59	74.00	-7.41	7.23	3	Horizontal	202	1.27	-
2437MHz	Pass	PK	7.31292G	55.19	74.00	-18.81	13.06	3	Horizontal	136	1.54	-
2457MHz	Pass	AV	2.4578G	97.91	Inf	-Inf	31.44	3	Vertical	266	1.83	-
2457MHz	Pass	AV	2.4835G	51.26	54.00	-2.74	31.41	3	Vertical	266	1.83	-
2457MHz	Pass	PK	2.4572G	106.51	Inf	-Inf	31.45	3	Vertical	266	1.83	-
2457MHz	Pass	PK	2.4838G	63.44	74.00	-10.56	31.41	3	Vertical	266	1.83	-
2457MHz	Pass	AV	2.4562G	99.31	Inf	-Inf	31.45	3	Horizontal	307	1.10	-
2457MHz	Pass	AV	2.4835G	51.82	54.00	-2.18	31.41	3	Horizontal	307	1.10	-
2457MHz	Pass	PK	2.4556G	108.74	Inf	-Inf	31.45	3	Horizontal	307	1.10	-
2457MHz	Pass	PK	2.4836G	65.23	74.00	-8.77	31.41	3	Horizontal	307	1.10	-
2462MHz	Pass	AV	2.4634G	97.15	Inf	-Inf	31.44	3	Vertical	306	1.01	-
2462MHz	Pass	AV	2.4835G	53.61	54.00	-0.39	31.41	3	Vertical	306	1.01	-
2462MHz	Pass	PK	2.462G	106.77	Inf	-Inf	31.44	3	Vertical	306	1.01	-
2462MHz	Pass	PK	2.4836G	67.99	74.00	-6.01	31.41	3	Vertical	306	1.01	-
2462MHz	Pass	AV	2.4634G	97.41	Inf	-Inf	31.44	3	Horizontal	304	1.01	-
2462MHz	Pass	AV	2.4836G	53.76	54.00	-0.24	31.41	3	Horizontal	304	1.01	-
2462MHz	Pass	PK	2.4646G	106.00	Inf	-Inf	31.44	3	Horizontal	304	1.01	-
2462MHz	Pass	PK	2.4835G	67.17	74.00	-6.83	31.41	3	Horizontal	304	1.01	-
2462MHz	Pass	AV	4.92358G	48.23	54.00	-5.77	7.36	3	Vertical	76	1.66	-
2462MHz	Pass	AV	7.3842G	39.67	54.00	-14.33	12.80	3	Vertical	70	1.41	-
2462MHz	Pass	PK	4.92634G	61.58	74.00	-12.42	7.38	3	Vertical	76	1.66	-
2462MHz	Pass	PK	7.3854G	51.96	74.00	-22.04	12.79	3	Vertical	70	1.41	-
2462MHz	Pass	AV	4.92622G	49.98	54.00	-4.02	7.38	3	Horizontal	336	1.58	-
2462MHz	Pass	AV	7.38552G	40.38	54.00	-13.62	12.79	3	Horizontal	132	1.49	-
2462MHz	Pass	PK	4.92316G	63.60	74.00	-10.40	7.36	3	Horizontal	336	1.58	-
2462MHz	Pass	PK	7.38804G	53.78	74.00	-20.22	12.79	3	Horizontal	132	1.49	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	52.23	54.00	-1.77	31.54	3	Vertical	34	1.43	-
2422MHz	Pass	AV	2.4248G	90.16	Inf	-Inf	31.48	3	Vertical	34	1.43	-
2422MHz	Pass	AV	2.4872G	49.09	54.00	-4.91	31.42	3	Vertical	34	1.43	-
2422MHz	Pass	PK	2.39G	63.53	74.00	-10.47	31.54	3	Vertical	34	1.43	-
2422MHz	Pass	PK	2.4252G	99.52	Inf	-Inf	31.48	3	Vertical	34	1.43	-
2422MHz	Pass	PK	2.4872G	59.86	74.00	-14.14	31.42	3	Vertical	34	1.43	-
2422MHz	Pass	AV	2.39G	53.58	54.00	-0.42	31.54	3	Horizontal	309	1.00	-
2422MHz	Pass	AV	2.424G	91.34	Inf	-Inf	31.48	3	Horizontal	309	1.00	-
2422MHz	Pass	AV	2.4972G	49.08	54.00	-4.92	31.41	3	Horizontal	309	1.00	-
2422MHz	Pass	PK	2.3896G	64.63	74.00	-9.37	31.54	3	Horizontal	309	1.00	-
2422MHz	Pass	PK	2.4196G	100.62	Inf	-Inf	31.48	3	Horizontal	309	1.00	-
2422MHz	Pass	PK	2.4892G	59.72	74.00	-14.28	31.41	3	Horizontal	309	1.00	-
2422MHz	Pass	AV	4.84262G	40.32	54.00	-13.68	7.17	3	Vertical	147	1.71	-
2422MHz	Pass	AV	7.26858G	40.64	54.00	-13.36	13.14	3	Vertical	338	2.99	-
2422MHz	Pass	PK	4.8446G	53.30	74.00	-20.70	7.17	3	Vertical	147	1.71	-

Remark :

Page No. : F5 of F67

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



RSE TX above 1GHz_EnStation5-ACv2

Appendix F.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	7.27464G	52.60	74.00	-21.40	13.12	3	Vertical	338	2.99	-
2422MHz	Pass	AV	4.8443G	40.59	54.00	-13.41	7.17	3	Horizontal	202	1.18	-
2422MHz	Pass	AV	7.27512G	40.58	54.00	-13.42	13.12	3	Horizontal	116	1.27	-
2422MHz	Pass	PK	4.84436G	53.13	74.00	-20.87	7.17	3	Horizontal	202	1.18	-
2422MHz	Pass	PK	7.26786G	51.28	74.00	-22.72	13.14	3	Horizontal	116	1.27	-
2427MHz	Pass	AV	2.389G	52.39	54.00	-1.61	31.54	3	Vertical	32	1.41	-
2427MHz	Pass	AV	2.4286G	91.16	Inf	-Inf	31.47	3	Vertical	32	1.41	-
2427MHz	Pass	AV	2.4842G	48.83	54.00	-5.17	31.42	3	Vertical	32	1.41	-
2427MHz	Pass	PK	2.389G	63.14	74.00	-10.86	31.54	3	Vertical	32	1.41	-
2427MHz	Pass	PK	2.429G	100.00	Inf	-Inf	31.47	3	Vertical	32	1.41	-
2427MHz	Pass	PK	2.491G	59.92	74.00	-14.08	31.41	3	Vertical	32	1.41	-
2427MHz	Pass	AV	2.3894G	53.71	54.00	-0.29	31.54	3	Horizontal	294	1.01	-
2427MHz	Pass	AV	2.4242G	91.10	Inf	-Inf	31.48	3	Horizontal	294	1.01	-
2427MHz	Pass	AV	2.4978G	49.07	54.00	-4.93	31.40	3	Horizontal	294	1.01	-
2427MHz	Pass	PK	2.3894G	63.53	74.00	-10.47	31.54	3	Horizontal	294	1.01	-
2427MHz	Pass	PK	2.4242G	99.89	Inf	-Inf	31.48	3	Horizontal	294	1.01	-
2427MHz	Pass	PK	2.491G	59.92	74.00	-14.08	31.41	3	Horizontal	294	1.01	-
2437MHz	Pass	AV	2.3898G	51.91	54.00	-2.09	31.54	3	Vertical	12	1.45	-
2437MHz	Pass	AV	2.439G	94.52	Inf	-Inf	31.46	3	Vertical	12	1.45	-
2437MHz	Pass	AV	2.4846G	51.07	54.00	-2.93	31.42	3	Vertical	12	1.45	-
2437MHz	Pass	PK	2.3898G	62.42	74.00	-11.58	31.54	3	Vertical	12	1.45	-
2437MHz	Pass	PK	2.439G	103.35	Inf	-Inf	31.46	3	Vertical	12	1.45	-
2437MHz	Pass	PK	2.4835G	61.47	74.00	-12.53	31.41	3	Vertical	12	1.45	-
2437MHz	Pass	AV	2.3898G	53.30	54.00	-0.70	31.54	3	Horizontal	307	1.05	-
2437MHz	Pass	AV	2.4398G	95.41	Inf	-Inf	31.46	3	Horizontal	307	1.05	-
2437MHz	Pass	AV	2.4835G	51.63	54.00	-2.37	31.41	3	Horizontal	307	1.05	-
2437MHz	Pass	PK	2.3898G	66.08	74.00	-7.92	31.54	3	Horizontal	307	1.05	-
2437MHz	Pass	PK	2.441G	103.61	Inf	-Inf	31.46	3	Horizontal	307	1.05	-
2437MHz	Pass	PK	2.4846G	62.08	74.00	-11.92	31.42	3	Horizontal	307	1.05	-
2437MHz	Pass	AV	4.8776G	46.56	54.00	-7.44	7.24	3	Vertical	88	1.68	-
2437MHz	Pass	AV	7.31304G	41.17	54.00	-12.83	13.06	3	Vertical	75	1.50	-
2437MHz	Pass	PK	4.87424G	59.79	74.00	-14.21	7.23	3	Vertical	88	1.68	-
2437MHz	Pass	PK	7.30068G	52.18	74.00	-21.82	13.11	3	Vertical	75	1.50	-
2437MHz	Pass	AV	4.87364G	47.09	54.00	-6.91	7.23	3	Horizontal	332	1.48	-
2437MHz	Pass	AV	7.31376G	41.34	54.00	-12.66	13.06	3	Horizontal	132	1.61	-
2437MHz	Pass	PK	4.87394G	59.06	74.00	-14.94	7.23	3	Horizontal	332	1.48	-
2437MHz	Pass	PK	7.3152G	52.85	74.00	-21.15	13.05	3	Horizontal	132	1.61	-
2447MHz	Pass	AV	2.353G	48.33	54.00	-5.67	31.65	3	Vertical	13	1.41	-
2447MHz	Pass	AV	2.4454G	92.94	Inf	-Inf	31.46	3	Vertical	13	1.41	-
2447MHz	Pass	AV	2.4835G	52.84	54.00	-1.16	31.41	3	Vertical	13	1.41	-
2447MHz	Pass	PK	2.355G	59.60	74.00	-14.40	31.64	3	Vertical	13	1.41	-
2447MHz	Pass	PK	2.4442G	101.39	Inf	-Inf	31.46	3	Vertical	13	1.41	-
2447MHz	Pass	PK	2.4835G	63.12	74.00	-10.88	31.41	3	Vertical	13	1.41	-
2447MHz	Pass	AV	2.3498G	48.62	54.00	-5.38	31.66	3	Horizontal	306	1.10	-
2447MHz	Pass	AV	2.445G	94.31	Inf	-Inf	31.46	3	Horizontal	306	1.10	-
2447MHz	Pass	AV	2.4842G	52.85	54.00	-1.15	31.42	3	Horizontal	306	1.10	-
2447MHz	Pass	PK	2.3894G	59.45	74.00	-14.55	31.54	3	Horizontal	306	1.10	-
2447MHz	Pass	PK	2.445G	102.86	Inf	-Inf	31.46	3	Horizontal	306	1.10	-
2447MHz	Pass	PK	2.485G	63.50	74.00	-10.50	31.42	3	Horizontal	306	1.10	-

Remark :

Page No. : F6 of F67

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

961714



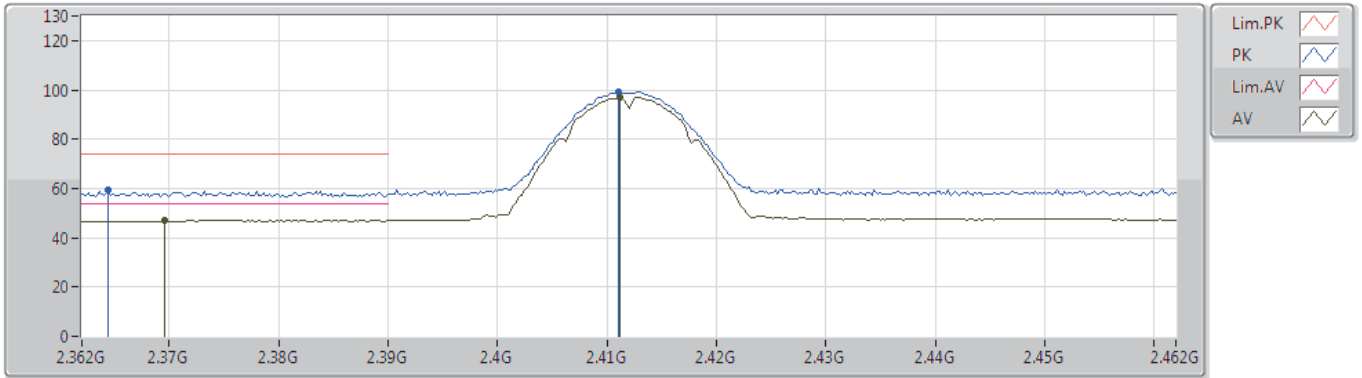
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.3616G	48.24	54.00	-5.76	31.62	3	Vertical	277	1.68	-
2452MHz	Pass	AV	2.4552G	91.95	Inf	-Inf	31.45	3	Vertical	277	1.68	-
2452MHz	Pass	AV	2.4835G	52.51	54.00	-1.49	31.41	3	Vertical	277	1.68	-
2452MHz	Pass	PK	2.3884G	59.31	74.00	-14.69	31.55	3	Vertical	277	1.68	-
2452MHz	Pass	PK	2.4552G	101.05	Inf	-Inf	31.45	3	Vertical	277	1.68	-
2452MHz	Pass	PK	2.4835G	63.75	74.00	-10.25	31.41	3	Vertical	277	1.68	-
2452MHz	Pass	AV	2.3596G	48.50	54.00	-5.50	31.63	3	Horizontal	301	1.10	-
2452MHz	Pass	AV	2.4544G	93.29	Inf	-Inf	31.45	3	Horizontal	301	1.10	-
2452MHz	Pass	AV	2.484G	53.61	54.00	-0.39	31.41	3	Horizontal	301	1.10	-
2452MHz	Pass	PK	2.3896G	58.90	74.00	-15.10	31.54	3	Horizontal	301	1.10	-
2452MHz	Pass	PK	2.454G	102.31	Inf	-Inf	31.45	3	Horizontal	301	1.10	-
2452MHz	Pass	PK	2.484G	64.86	74.00	-9.14	31.41	3	Horizontal	301	1.10	-
2452MHz	Pass	AV	4.90466G	43.71	54.00	-10.29	7.29	3	Vertical	77	1.79	-
2452MHz	Pass	AV	7.36506G	40.45	54.00	-13.55	12.87	3	Vertical	123	1.04	-
2452MHz	Pass	PK	4.90424G	54.65	74.00	-19.35	7.29	3	Vertical	77	1.79	-
2452MHz	Pass	PK	7.36554G	51.35	74.00	-22.65	12.87	3	Vertical	123	1.04	-
2452MHz	Pass	AV	4.9046G	44.92	54.00	-9.08	7.29	3	Horizontal	199	1.46	-
2452MHz	Pass	AV	7.34868G	40.60	54.00	-13.40	12.93	3	Horizontal	296	1.50	-
2452MHz	Pass	PK	4.904G	57.67	74.00	-16.33	7.29	3	Horizontal	199	1.46	-
2452MHz	Pass	PK	7.35486G	51.23	74.00	-22.77	12.92	3	Horizontal	296	1.50	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



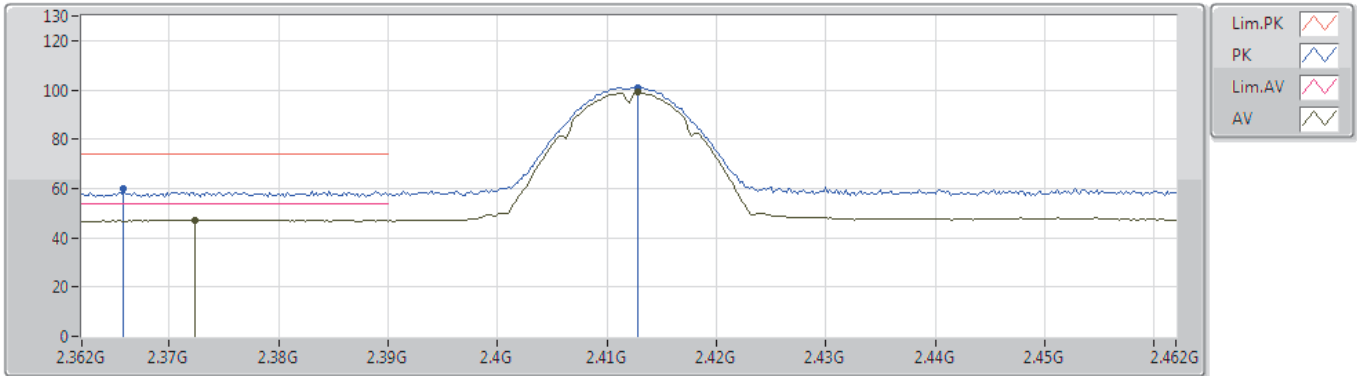
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3696G	46.99	54.00	-7.01	31.60	3	Vertical	0	1.85	-	15.39	27.62	3.98	-
AV	2.4112G	97.09	Inf	-Inf	31.50	3	Vertical	0	1.85	-	65.59	27.48	4.02	-
PK	2.3644G	59.18	74.00	-14.82	31.61	3	Vertical	0	1.85	-	27.57	27.64	3.97	-
PK	2.411G	99.09	Inf	-Inf	31.50	3	Vertical	0	1.85	-	67.59	27.48	4.02	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



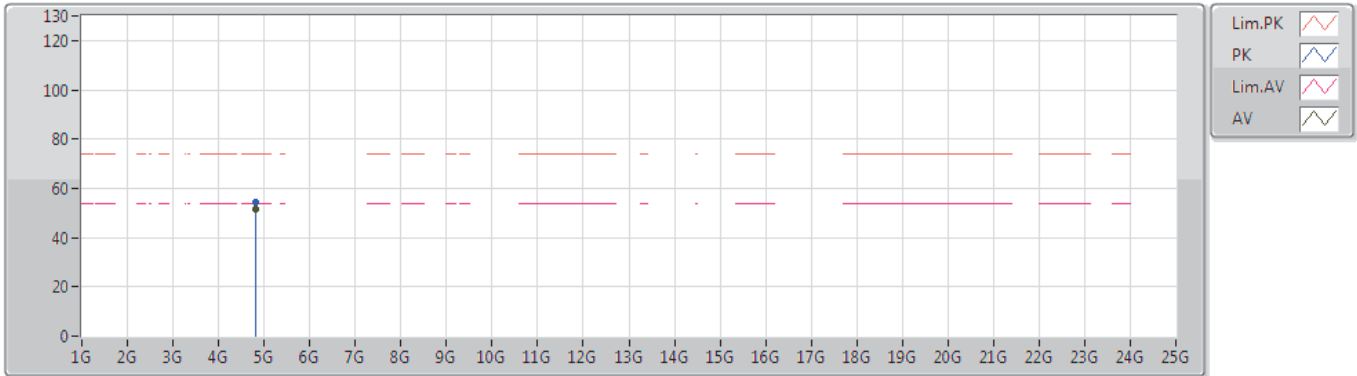
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3724G	47.27	54.00	-6.73	31.59	3	Horizontal	303	1.15	-	15.68	27.61	3.98	-
AV	2.4128G	99.03	Inf	-Inf	31.49	3	Horizontal	303	1.15	-	67.54	27.47	4.02	-
PK	2.3658G	59.96	74.00	-14.04	31.61	3	Horizontal	303	1.15	-	28.35	27.64	3.97	-
PK	2.4128G	101.06	Inf	-Inf	31.49	3	Horizontal	303	1.15	-	69.57	27.47	4.02	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



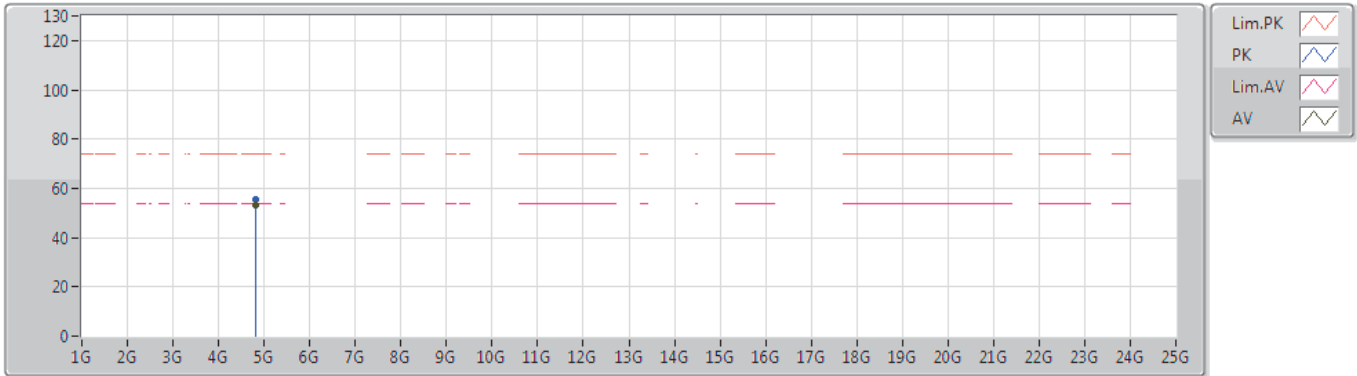
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AV	4.824G	51.33	54.00	-2.67	7.13	3	Vertical	140	1.52	-	44.20	31.12	5.79	29.78
PK	4.82394G	54.29	74.00	-19.71	7.13	3	Vertical	140	1.52	-	47.16	31.12	5.79	29.78



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2412MHz_TX



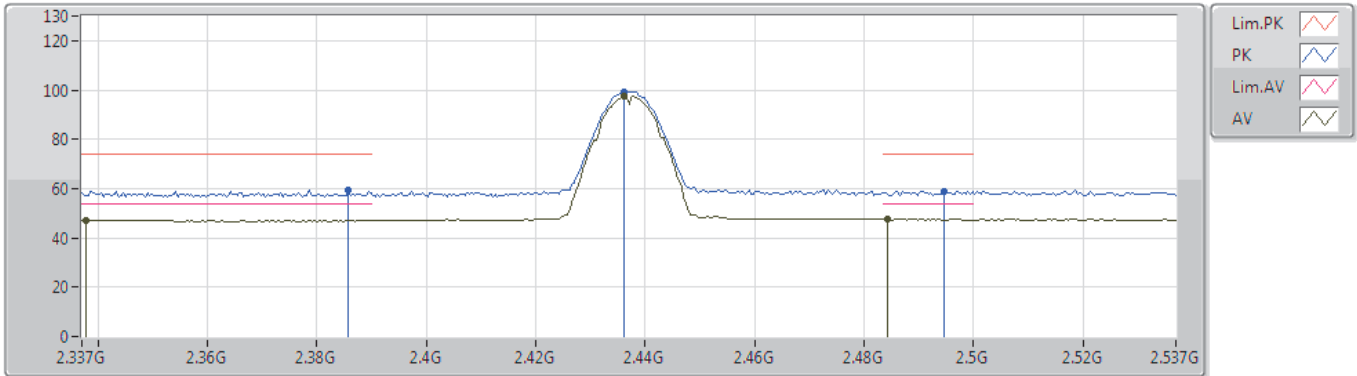
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	53.32	54.00	-0.68	7.13	3	Horizontal	202	1.63	-	46.19	31.12	5.79	29.78
PK	4.824G	55.75	74.00	-18.25	7.13	3	Horizontal	202	1.63	-	48.62	31.12	5.79	29.78



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



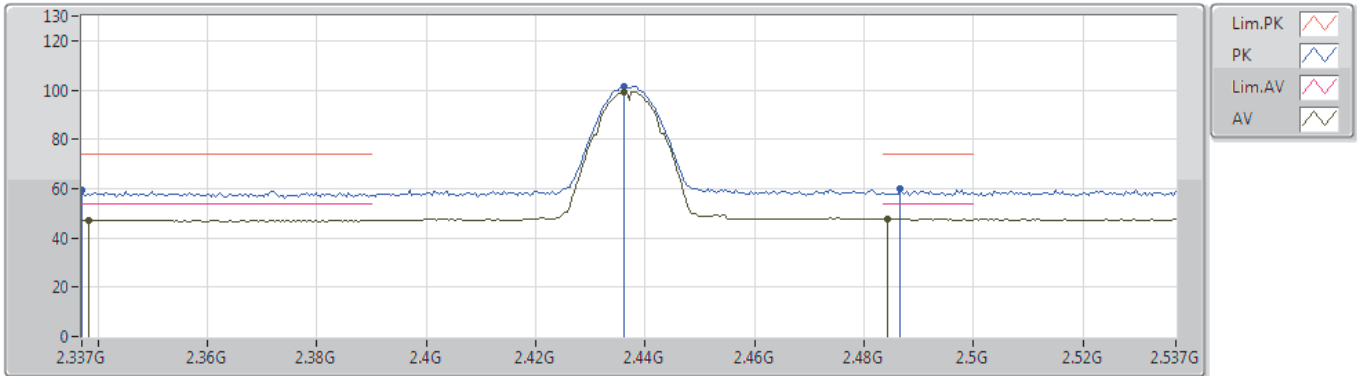
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3378G	47.27	54.00	-6.73	31.70	3	Vertical	9	1.42	-	15.57	27.75	3.95	-
AV	2.4362G	97.30	Inf	-Inf	31.47	3	Vertical	9	1.42	-	65.83	27.43	4.04	-
AV	2.4842G	47.60	54.00	-6.40	31.42	3	Vertical	9	1.42	-	16.18	27.33	4.09	-
PK	2.3858G	59.40	74.00	-14.60	31.55	3	Vertical	9	1.42	-	27.85	27.56	3.99	-
PK	2.4362G	99.26	Inf	-Inf	31.47	3	Vertical	9	1.42	-	67.79	27.43	4.04	-
PK	2.4946G	59.06	74.00	-14.94	31.40	3	Vertical	9	1.42	-	27.66	27.31	4.09	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



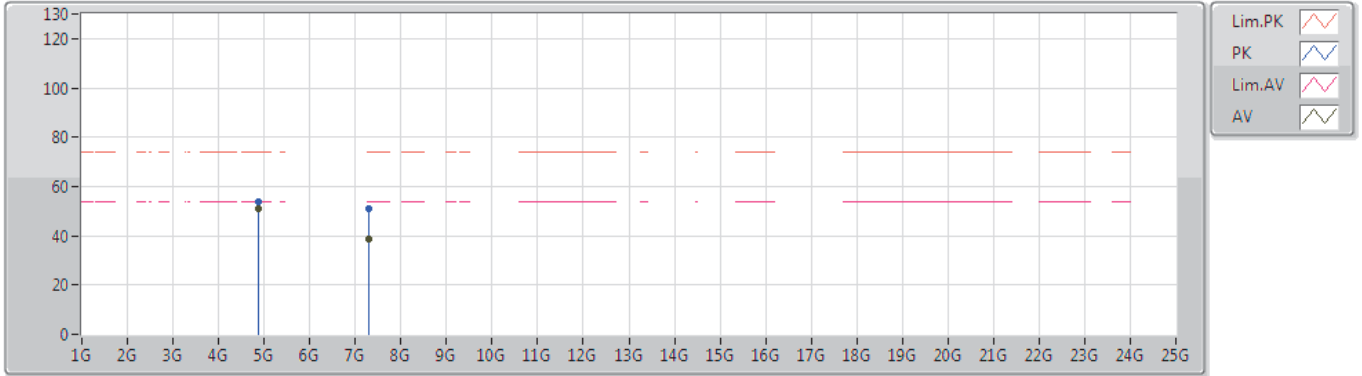
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AV	2.3382G	47.27	54.00	-6.73	31.70	3	Horizontal	301	1.07	-	15.57	27.75	3.95	-
AV	2.4362G	99.44	Inf	-Inf	31.47	3	Horizontal	301	1.07	-	67.97	27.43	4.04	-
AV	2.4842G	47.60	54.00	-6.40	31.42	3	Horizontal	301	1.07	-	16.18	27.33	4.09	-
PK	2.337G	59.32	74.00	-14.68	31.70	3	Horizontal	301	1.07	-	27.62	27.75	3.95	-
PK	2.4362G	101.43	Inf	-Inf	31.47	3	Horizontal	301	1.07	-	69.96	27.43	4.04	-
PK	2.4866G	59.85	74.00	-14.15	31.42	3	Horizontal	301	1.07	-	28.43	27.33	4.09	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



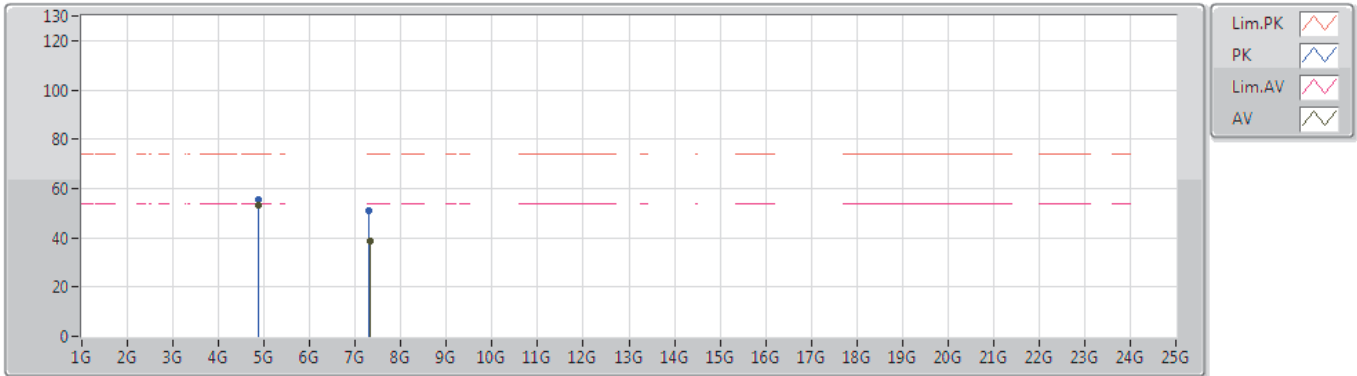
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	51.16	54.00	-2.84	7.23	3	Vertical	71	1.68	-	43.93	31.17	5.83	29.77
AV	7.29624G	38.68	54.00	-15.32	13.10	3	Vertical	68	1.02	-	25.58	36.29	7.50	30.69
PK	4.87406G	53.80	74.00	-20.20	7.23	3	Vertical	71	1.68	-	46.57	31.17	5.83	29.77
PK	7.29696G	51.12	74.00	-22.88	13.10	3	Vertical	68	1.02	-	38.02	36.29	7.50	30.69



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2437MHz_TX



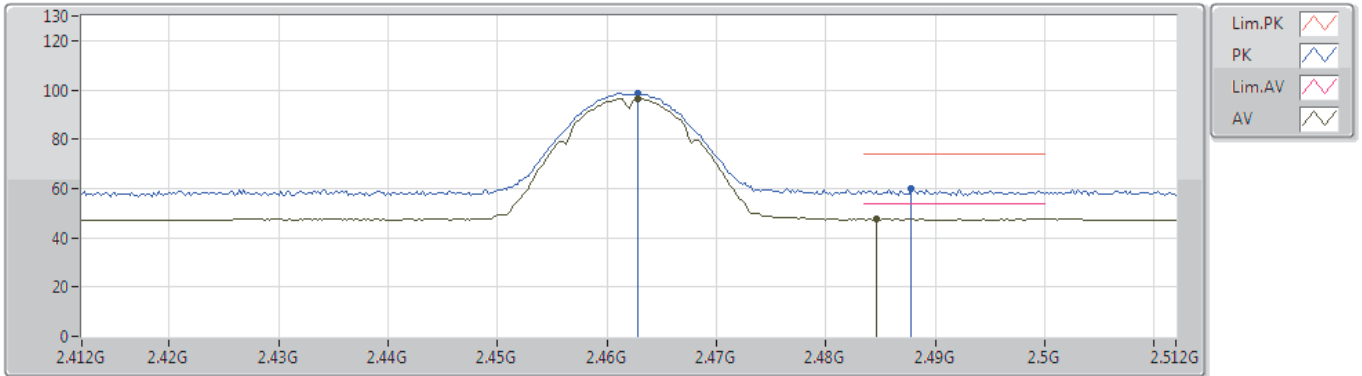
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AV	4.874G	53.03	54.00	-0.97	7.23	3	Horizontal	200	1.58	-	45.80	31.17	5.83	29.77
AV	7.31226G	38.86	54.00	-15.14	13.07	3	Horizontal	131	1.50	-	25.79	36.29	7.48	30.70
PK	4.87394G	55.52	74.00	-18.48	7.23	3	Horizontal	200	1.58	-	48.29	31.17	5.83	29.77
PK	7.30086G	51.02	74.00	-22.98	13.11	3	Horizontal	131	1.50	-	37.91	36.30	7.50	30.69



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



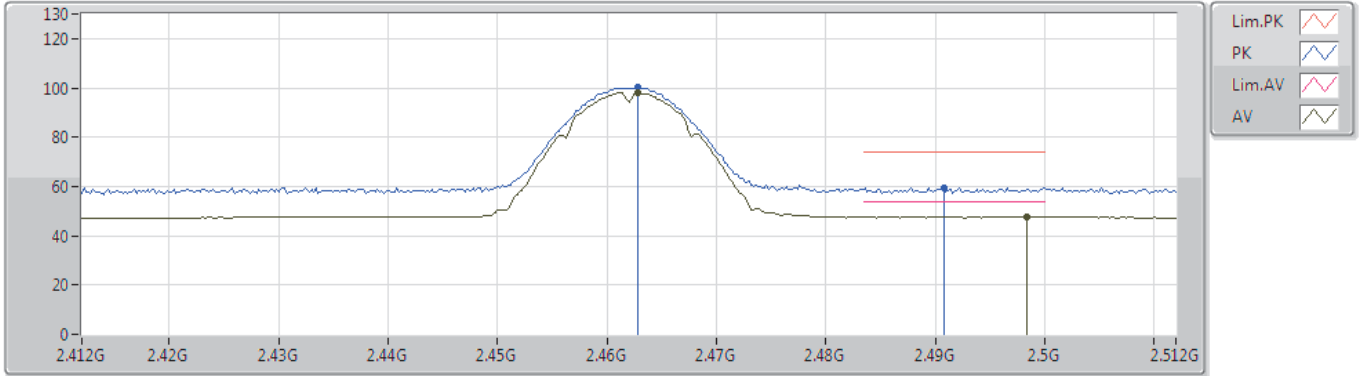
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AV	2.4628G	96.61	Inf	-Inf	31.44	3	Vertical	5	1.55	-	65.17	27.37	4.07	-
AV	2.4846G	47.61	54.00	-6.39	31.42	3	Vertical	5	1.55	-	16.19	27.33	4.09	-
PK	2.4628G	98.65	Inf	-Inf	31.44	3	Vertical	5	1.55	-	67.21	27.37	4.07	-
PK	2.4878G	59.91	74.00	-14.09	31.41	3	Vertical	5	1.55	-	28.50	27.32	4.09	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



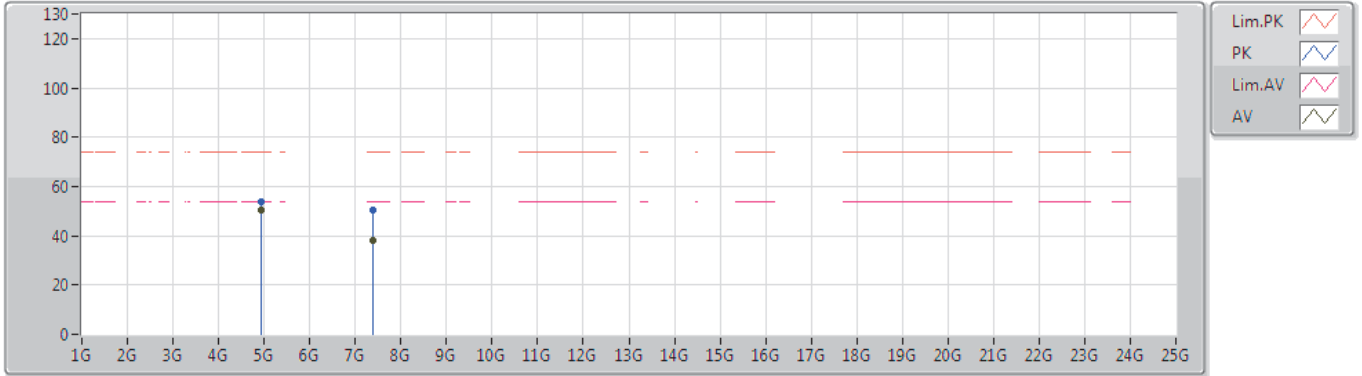
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AV	2.4628G	98.18	Inf	-Inf	31.44	3	Horizontal	302	1.04	-	66.74	27.37	4.07	-
AV	2.4984G	47.88	54.00	-6.12	31.40	3	Horizontal	302	1.04	-	16.48	27.30	4.10	-
PK	2.4628G	100.22	Inf	-Inf	31.44	3	Horizontal	302	1.04	-	68.78	27.37	4.07	-
PK	2.4908G	59.64	74.00	-14.36	31.41	3	Horizontal	302	1.04	-	28.23	27.32	4.09	-



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



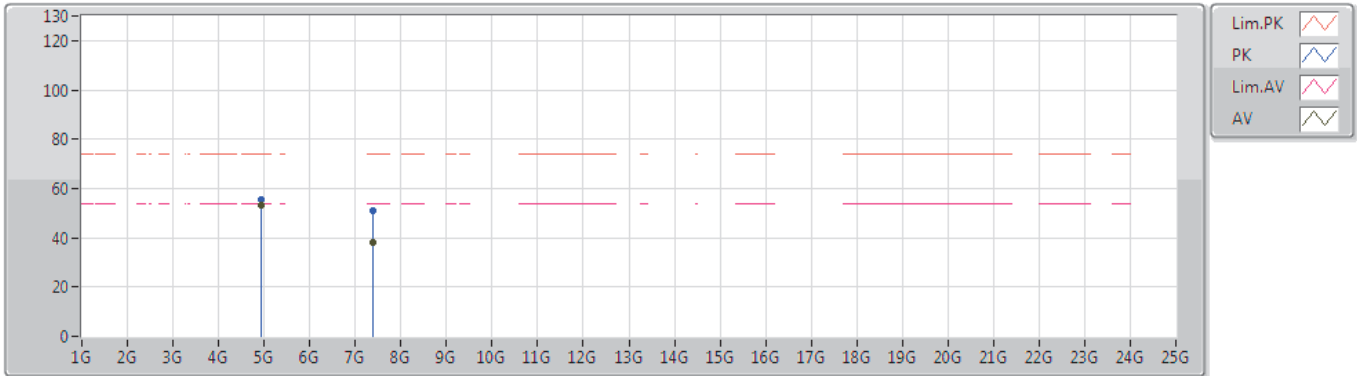
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AV	4.92394G	50.69	54.00	-3.31	7.37	3	Vertical	66	1.64	-	43.32	31.27	5.87	29.77
AV	7.37334G	38.23	54.00	-15.77	12.84	3	Vertical	316	2.28	-	25.39	36.23	7.36	30.75
PK	4.92406G	53.67	74.00	-20.33	7.37	3	Vertical	66	1.64	-	46.30	31.27	5.87	29.77
PK	7.37394G	50.42	74.00	-23.58	12.84	3	Vertical	316	2.28	-	37.58	36.23	7.36	30.75



802.11b_Nss1,(1Mbps)_1TX

05/07/2019

2462MHz_TX



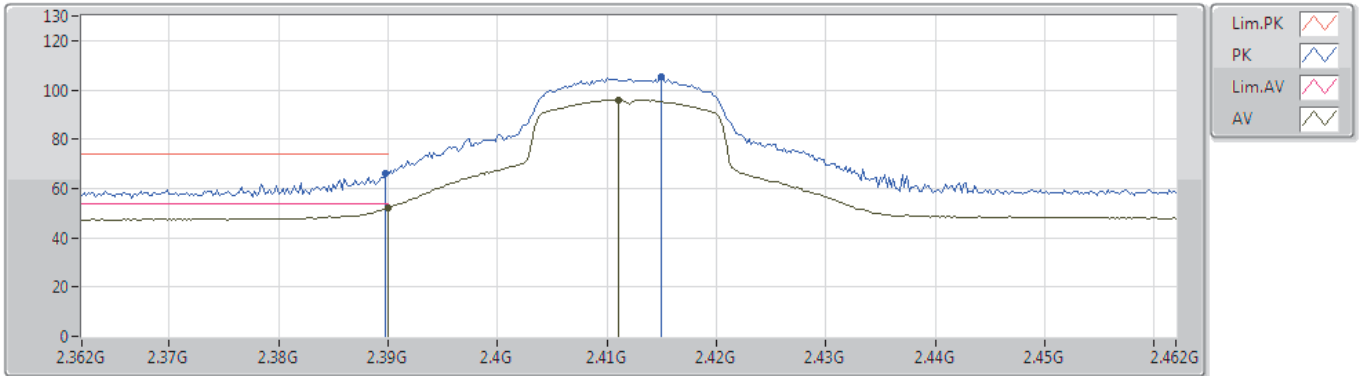
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AV	4.924G	52.99	54.00	-1.01	7.37	3	Horizontal	198	1.53	-	45.62	31.27	5.87	29.77
AV	7.371G	38.04	54.00	-15.96	12.85	3	Horizontal	51	1.56	-	25.19	36.23	7.37	30.75
PK	4.92394G	55.39	74.00	-18.61	7.37	3	Horizontal	198	1.53	-	48.02	31.27	5.87	29.77
PK	7.37178G	51.00	74.00	-23.00	12.85	3	Horizontal	51	1.56	-	38.15	36.23	7.37	30.75



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



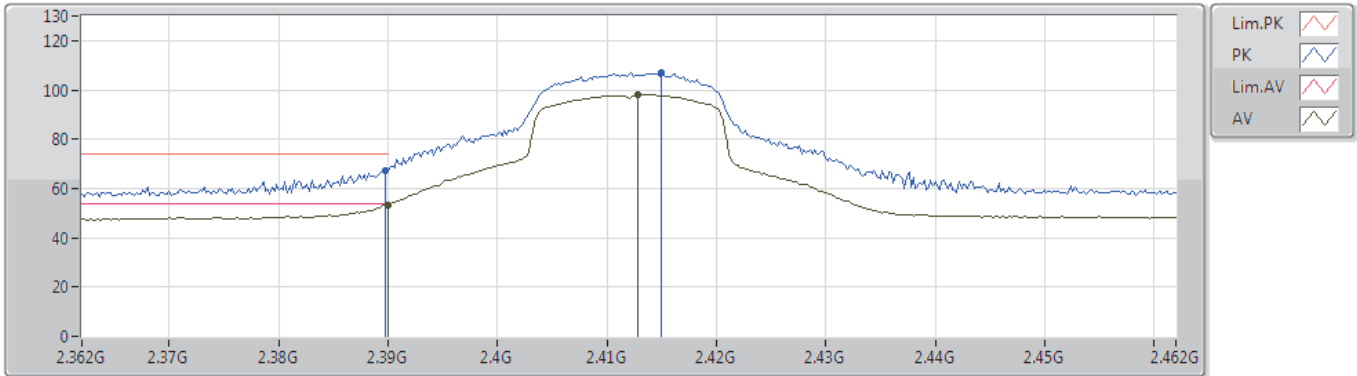
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AV	2.39G	51.93	54.00	-2.07	31.54	3	Vertical	13	1.61	-	20.39	27.54	4.00	-
AV	2.411G	96.01	Inf	-Inf	31.50	3	Vertical	13	1.61	-	64.51	27.48	4.02	-
PK	2.3898G	66.30	74.00	-7.70	31.54	3	Vertical	13	1.61	-	34.76	27.54	4.00	-
PK	2.415G	105.25	Inf	-Inf	31.49	3	Vertical	13	1.61	-	73.76	27.47	4.02	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



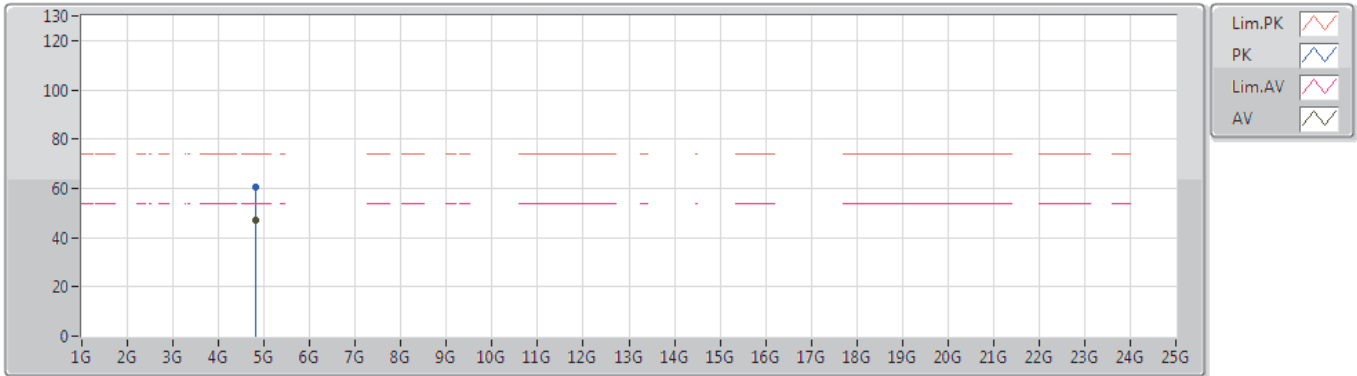
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.43	54.00	-0.57	31.54	3	Horizontal	303	1.14	-	21.89	27.54	4.00	-
AV	2.4128G	98.00	Inf	-Inf	31.49	3	Horizontal	303	1.14	-	66.51	27.47	4.02	-
PK	2.3898G	67.47	74.00	-6.53	31.54	3	Horizontal	303	1.14	-	35.93	27.54	4.00	-
PK	2.415G	107.16	Inf	-Inf	31.49	3	Horizontal	303	1.14	-	75.67	27.47	4.02	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



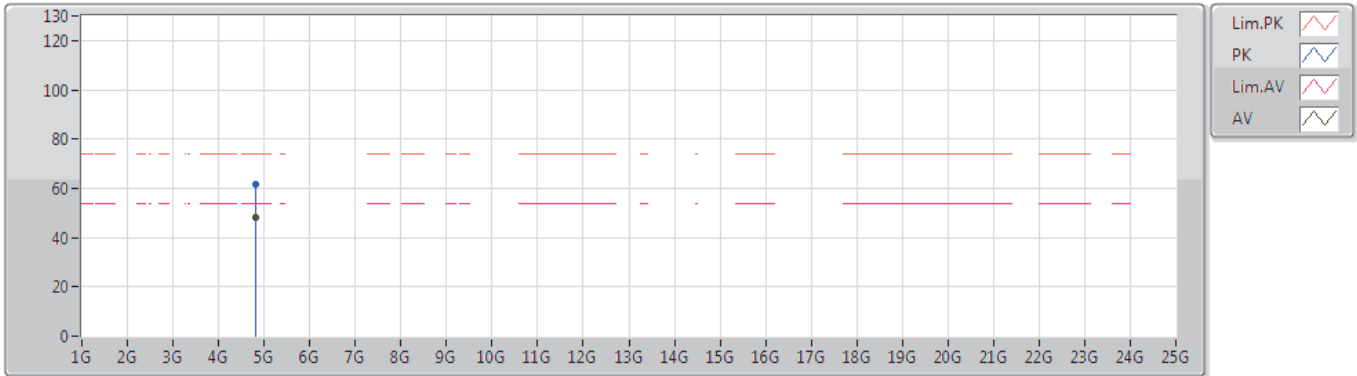
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AV	4.82382G	47.08	54.00	-6.92	7.13	3	Vertical	141	1.52	-	39.95	31.12	5.79	29.78
PK	4.82496G	60.43	74.00	-13.57	7.13	3	Vertical	141	1.52	-	53.30	31.12	5.79	29.78



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2412MHz_TX



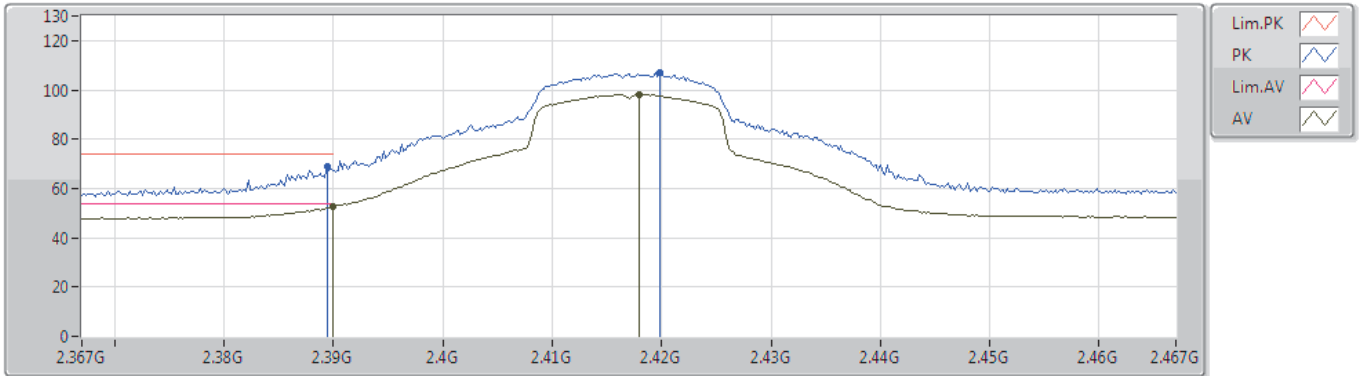
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AV	4.82346G	48.46	54.00	-5.54	7.13	3	Horizontal	206	1.93	-	41.33	31.12	5.79	29.78
PK	4.82502G	61.90	74.00	-12.10	7.14	3	Horizontal	206	1.93	-	54.76	31.13	5.79	29.78



802.11g_Nss1,(6Mbps)_1TX

06/07/2019

2417MHz_TX



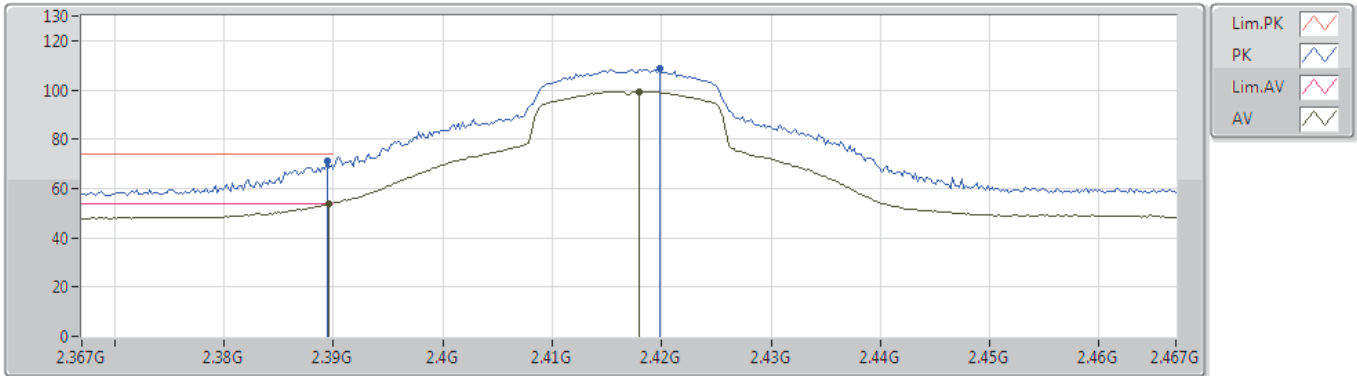
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.56	54.00	-1.44	31.54	3	Vertical	37	1.24	-	21.02	27.54	4.00	-
AV	2.418G	97.98	Inf	-Inf	31.48	3	Vertical	37	1.24	-	66.50	27.46	4.02	-
PK	2.3894G	69.03	74.00	-4.97	31.54	3	Vertical	37	1.24	-	37.49	27.54	4.00	-
PK	2.4198G	107.29	Inf	-Inf	31.48	3	Vertical	37	1.24	-	75.81	27.46	4.02	-



802.11g_Nss1,(6Mbps)_1TX

06/07/2019

2417MHz_TX



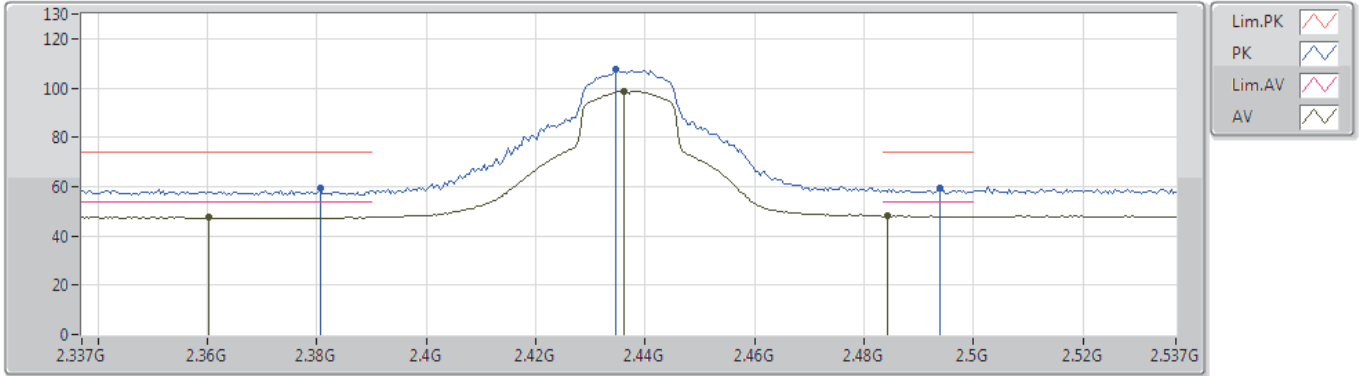
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	53.85	54.00	-0.15	31.54	3	Horizontal	308	1.01	-	22.31	27.54	4.00	-
AV	2.418G	99.46	Inf	-Inf	31.48	3	Horizontal	308	1.01	-	67.98	27.46	4.02	-
PK	2.3894G	70.93	74.00	-3.07	31.54	3	Horizontal	308	1.01	-	39.39	27.54	4.00	-
PK	2.4198G	108.74	Inf	-Inf	31.48	3	Horizontal	308	1.01	-	77.26	27.46	4.02	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



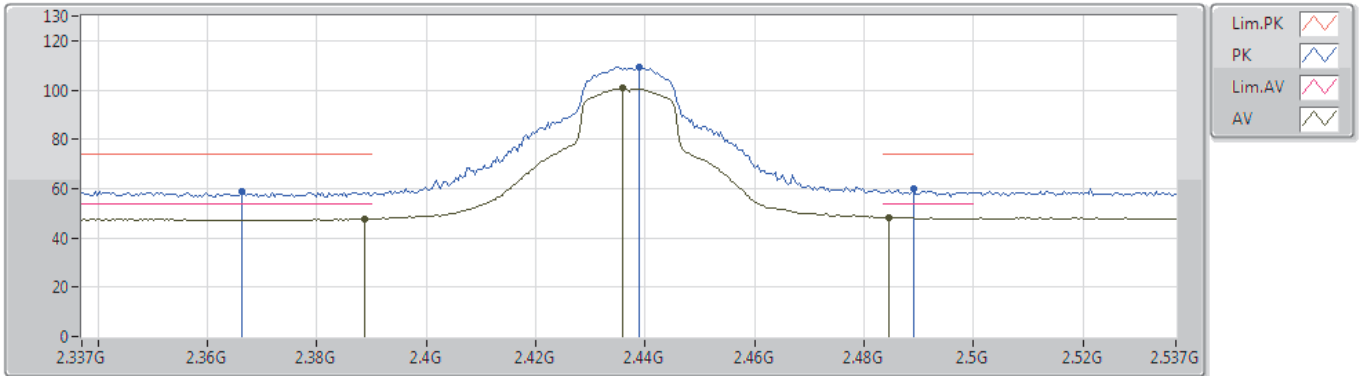
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3602G	47.58	54.00	-6.42	31.63	3	Vertical	8	1.43	-	15.95	27.66	3.97	-
AV	2.4362G	98.71	Inf	-Inf	31.47	3	Vertical	8	1.43	-	67.24	27.43	4.04	-
AV	2.4842G	48.16	54.00	-5.84	31.42	3	Vertical	8	1.43	-	16.74	27.33	4.09	-
PK	2.3806G	59.27	74.00	-14.73	31.57	3	Vertical	8	1.43	-	27.70	27.58	3.99	-
PK	2.4346G	107.37	Inf	-Inf	31.47	3	Vertical	8	1.43	-	75.90	27.43	4.04	-
PK	2.4938G	59.13	74.00	-14.87	31.40	3	Vertical	8	1.43	-	27.73	27.31	4.09	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



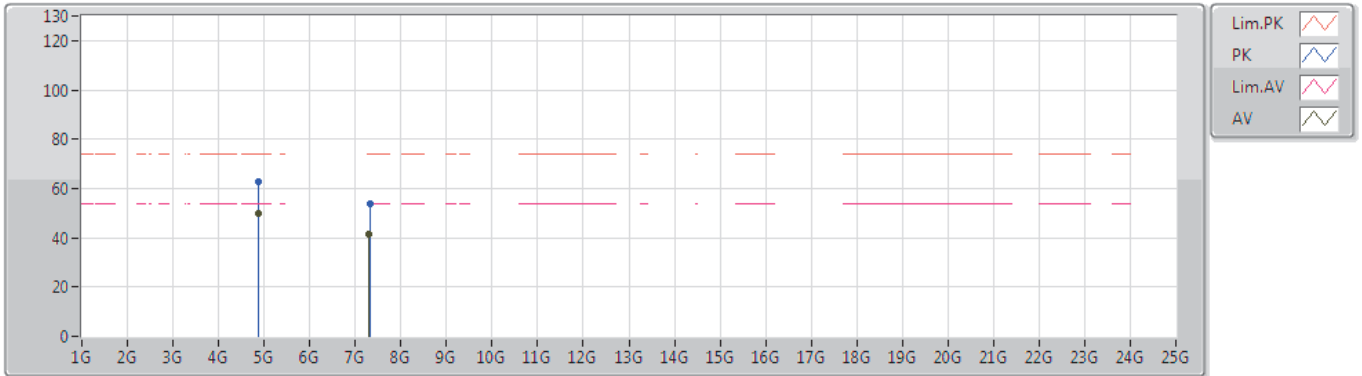
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AV	2.3886G	47.81	54.00	-6.19	31.55	3	Horizontal	303	1.06	-	16.26	27.55	4.00	-
AV	2.4358G	100.71	Inf	-Inf	31.47	3	Horizontal	303	1.06	-	69.24	27.43	4.04	-
AV	2.4846G	48.43	54.00	-5.57	31.42	3	Horizontal	303	1.06	-	17.01	27.33	4.09	-
PK	2.3662G	58.90	74.00	-15.10	31.61	3	Horizontal	303	1.06	-	27.29	27.64	3.97	-
PK	2.439G	109.28	Inf	-Inf	31.46	3	Horizontal	303	1.06	-	77.82	27.42	4.04	-
PK	2.489G	59.77	74.00	-14.23	31.41	3	Horizontal	303	1.06	-	28.36	27.32	4.09	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



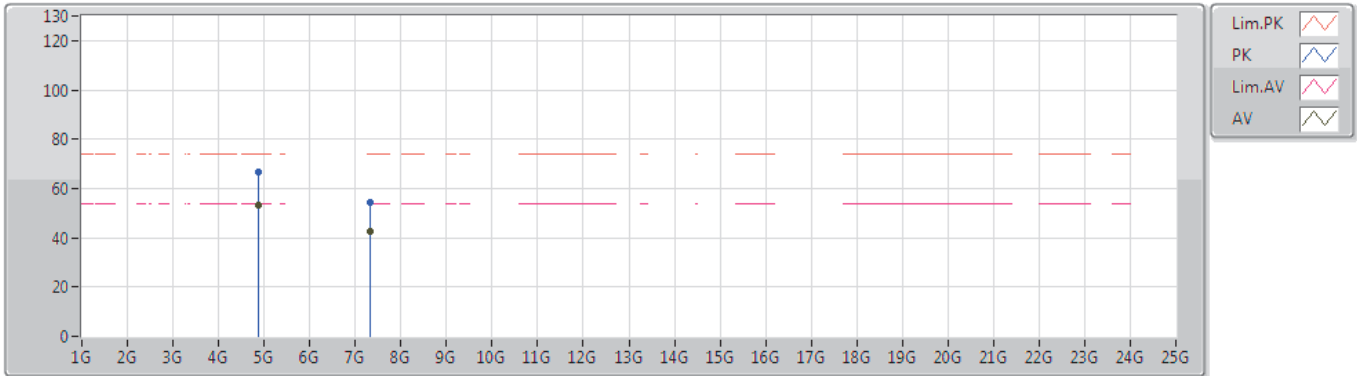
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AV	4.87544G	49.92	54.00	-4.08	7.24	3	Vertical	141	1.45	-	42.68	31.18	5.83	29.77
AV	7.3098G	41.29	54.00	-12.71	13.07	3	Vertical	69	1.29	-	28.22	36.29	7.48	30.70
PK	4.87508G	62.95	74.00	-11.05	7.24	3	Vertical	141	1.45	-	55.71	31.18	5.83	29.77
PK	7.31118G	53.97	74.00	-20.03	13.07	3	Vertical	69	1.29	-	40.90	36.29	7.48	30.70



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2437MHz_TX



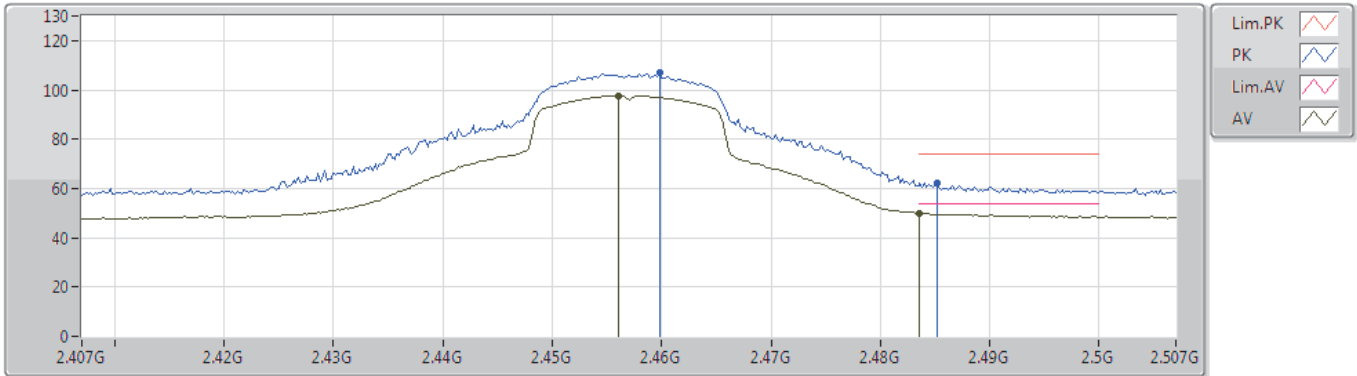
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87472G	53.10	54.00	-0.90	7.23	3	Horizontal	197	1.50	-	45.87	31.17	5.83	29.77
AV	7.31376G	42.70	54.00	-11.30	13.06	3	Horizontal	129	1.42	-	29.64	36.29	7.47	30.70
PK	4.87496G	66.50	74.00	-7.50	7.23	3	Horizontal	197	1.50	-	59.27	31.17	5.83	29.77
PK	7.31406G	54.40	74.00	-19.60	13.06	3	Horizontal	129	1.42	-	41.34	36.29	7.47	30.70



802.11g_Nss1,(6Mbps)_1TX

06/07/2019

2457MHz_TX



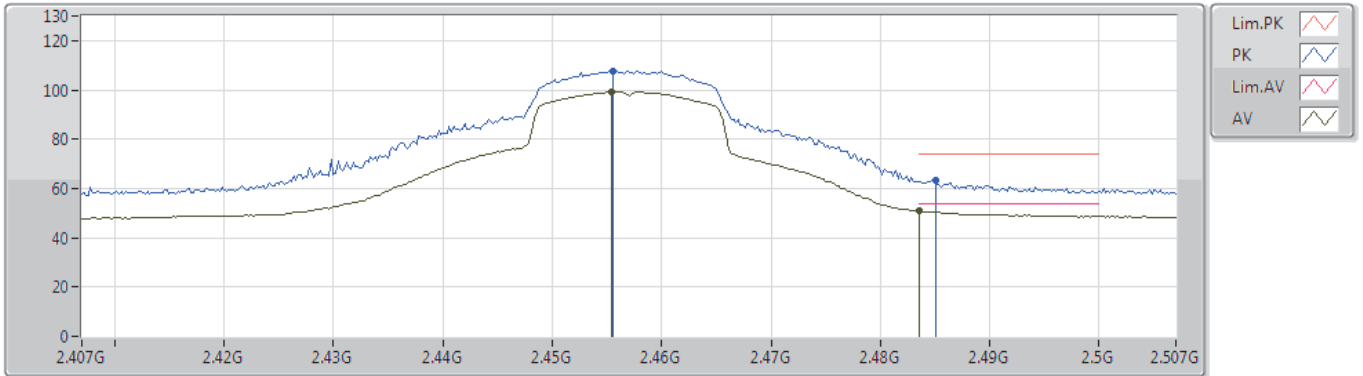
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.456G	97.73	Inf	-Inf	31.45	3	Vertical	279	1.69	-	66.28	27.39	4.06	-
AV	2.4835G	50.02	54.00	-3.98	31.41	3	Vertical	279	1.69	-	18.61	27.33	4.08	-
PK	2.4598G	106.86	Inf	-Inf	31.44	3	Vertical	279	1.69	-	75.42	27.38	4.06	-
PK	2.4852G	62.29	74.00	-11.71	31.42	3	Vertical	279	1.69	-	30.87	27.33	4.09	-



802.11g_Nss1,(6Mbps)_1TX

06/07/2019

2457MHz_TX



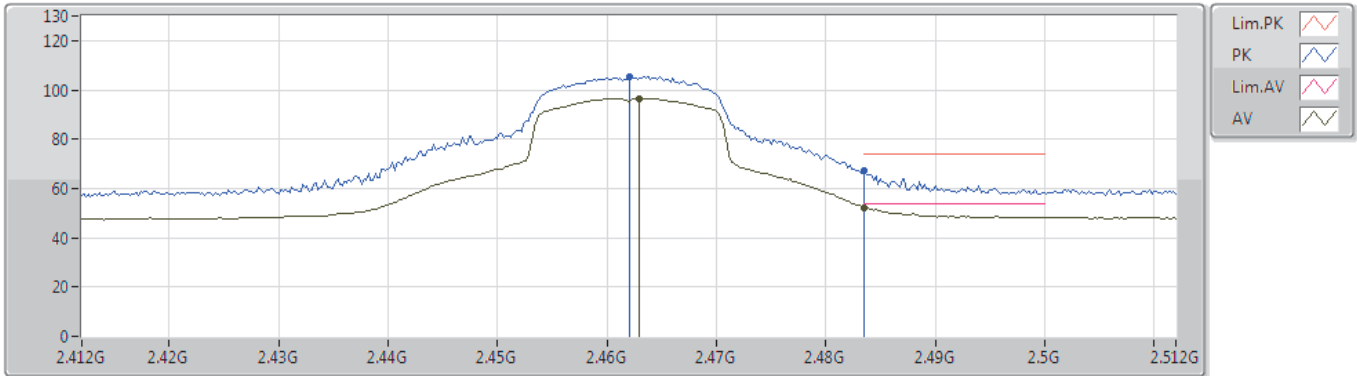
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4554G	99.22	Inf	-Inf	31.45	3	Horizontal	305	1.10	-	67.77	27.39	4.06	-
AV	2.4835G	50.87	54.00	-3.13	31.41	3	Horizontal	305	1.10	-	19.46	27.33	4.08	-
PK	2.4556G	107.71	Inf	-Inf	31.45	3	Horizontal	305	1.10	-	76.26	27.39	4.06	-
PK	2.485G	63.27	74.00	-10.73	31.42	3	Horizontal	305	1.10	-	31.85	27.33	4.09	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



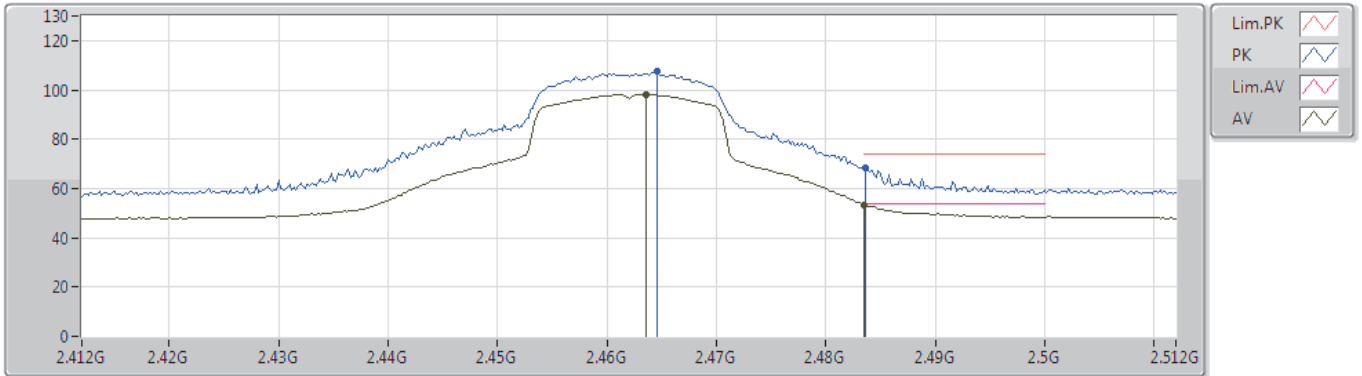
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.463G	96.60	Inf	-Inf	31.44	3	Vertical	0	1.56	-	65.16	27.37	4.07	-
AV	2.4835G	52.37	54.00	-1.63	31.41	3	Vertical	0	1.56	-	20.96	27.33	4.08	-
PK	2.462G	105.54	Inf	-Inf	31.44	3	Vertical	0	1.56	-	74.10	27.38	4.06	-
PK	2.4835G	67.28	74.00	-6.72	31.41	3	Vertical	0	1.56	-	35.87	27.33	4.08	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



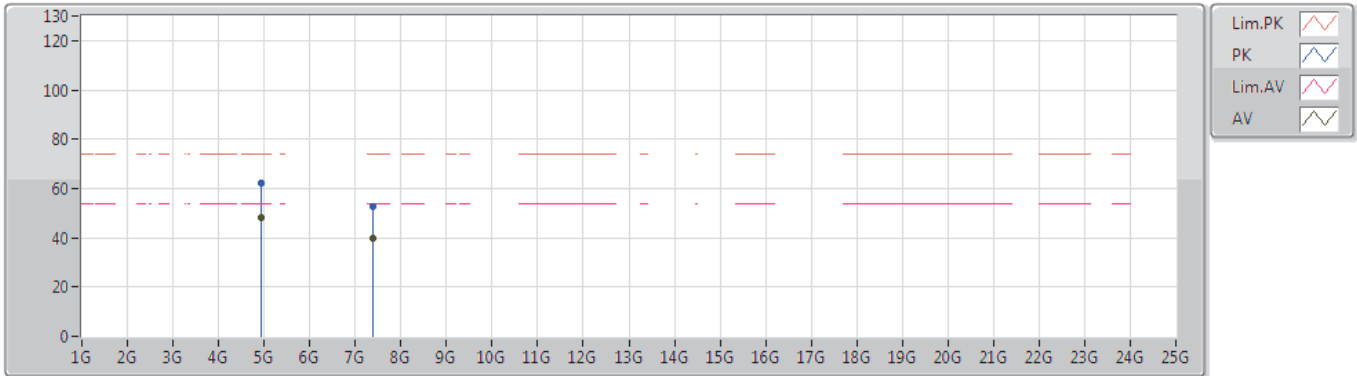
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4636G	98.22	Inf	-Inf	31.44	3	Horizontal	302	1.04	-	66.78	27.37	4.07	-
AV	2.4835G	53.46	54.00	-0.54	31.41	3	Horizontal	302	1.04	-	22.05	27.33	4.08	-
PK	2.4646G	107.64	Inf	-Inf	31.44	3	Horizontal	302	1.04	-	76.20	27.37	4.07	-
PK	2.4836G	68.58	74.00	-5.42	31.41	3	Horizontal	302	1.04	-	37.17	27.33	4.08	-



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



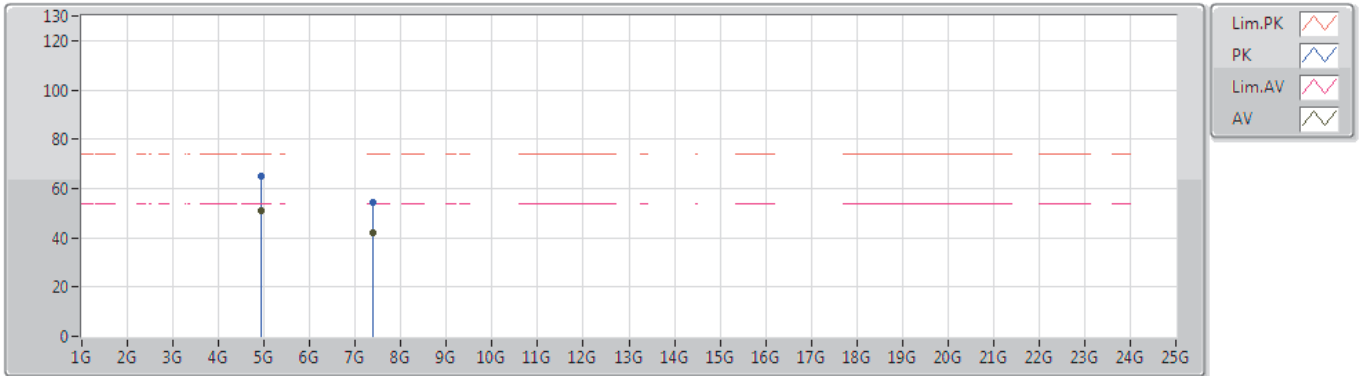
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92616G	48.40	54.00	-5.60	7.38	3	Vertical	66	1.64	-	41.02	31.28	5.87	29.77
AV	7.38594G	39.87	54.00	-14.13	12.79	3	Vertical	70	1.47	-	27.08	36.21	7.34	30.76
PK	4.92496G	62.18	74.00	-11.82	7.37	3	Vertical	66	1.64	-	54.81	31.27	5.87	29.77
PK	7.39728G	52.88	74.00	-21.12	12.75	3	Vertical	70	1.47	-	40.13	36.20	7.32	30.77



802.11g_Nss1,(6Mbps)_1TX

05/07/2019

2462MHz_TX



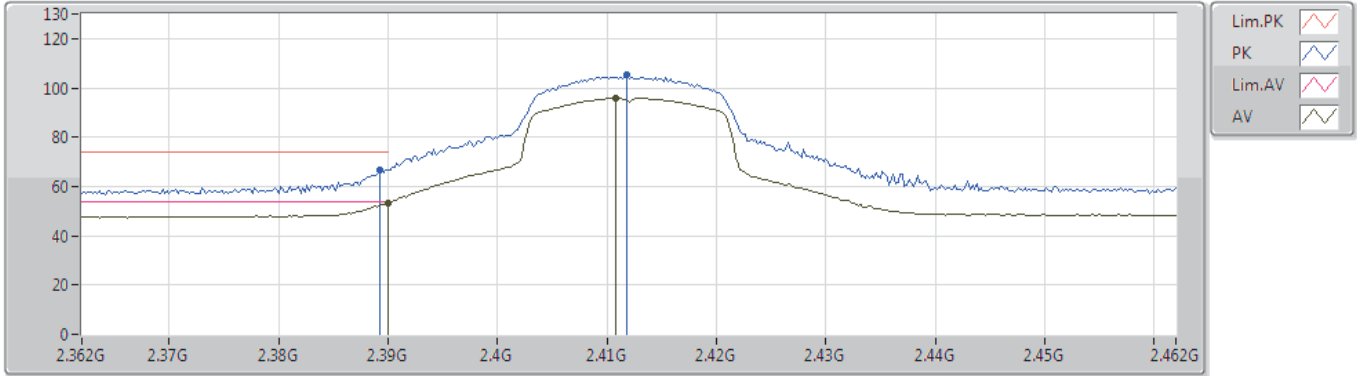
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92538G	51.17	54.00	-2.83	7.38	3	Horizontal	199	1.52	-	43.79	31.28	5.87	29.77
AV	7.3845G	41.87	54.00	-12.13	12.80	3	Horizontal	130	1.50	-	29.07	36.22	7.34	30.76
PK	4.92484G	64.92	74.00	-9.08	7.37	3	Horizontal	199	1.52	-	57.55	31.27	5.87	29.77
PK	7.386G	54.25	74.00	-19.75	12.79	3	Horizontal	130	1.50	-	41.46	36.21	7.34	30.76



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



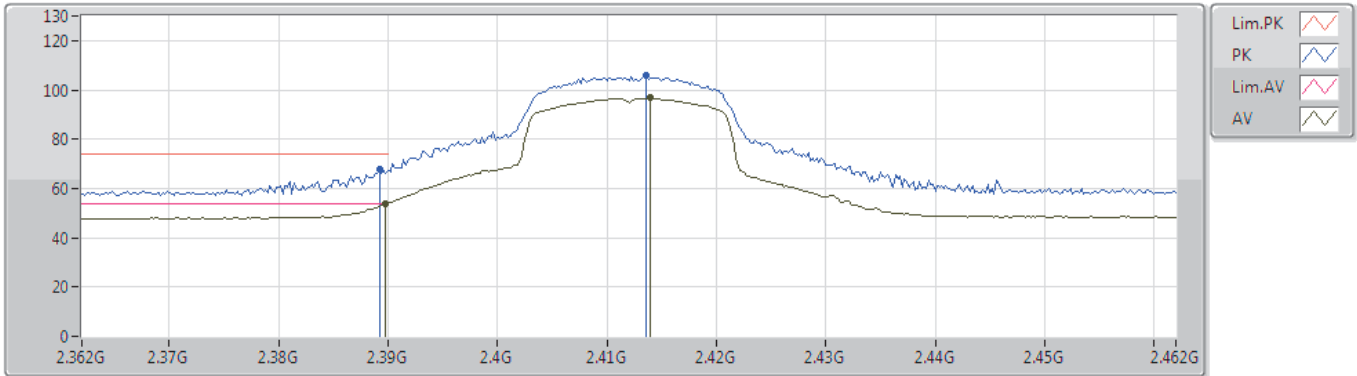
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.44	54.00	-0.56	31.54	3	Vertical	33	1.23	-	21.90	27.54	4.00	-
AV	2.4108G	95.75	Inf	-Inf	31.50	3	Vertical	33	1.23	-	64.25	27.48	4.02	-
PK	2.3892G	66.82	74.00	-7.18	31.54	3	Vertical	33	1.23	-	35.28	27.54	4.00	-
PK	2.4118G	105.54	Inf	-Inf	31.50	3	Vertical	33	1.23	-	74.04	27.48	4.02	-



802.11n HT20_Nss1,(MCS0)_1TX

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2412MHz_TX



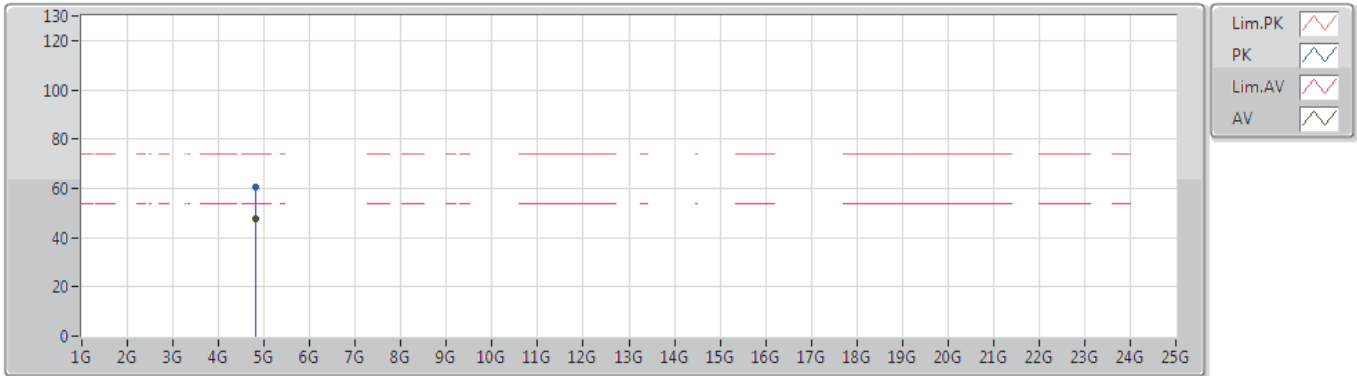
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.85	54.00	-0.15	31.54	3	Horizontal	307	1.00	-	22.31	27.54	4.00	-
AV	2.414G	96.69	Inf	-Inf	31.49	3	Horizontal	307	1.00	-	65.20	27.47	4.02	-
PK	2.3892G	67.66	74.00	-6.34	31.54	3	Horizontal	307	1.00	-	36.12	27.54	4.00	-
PK	2.4136G	105.82	Inf	-Inf	31.49	3	Horizontal	307	1.00	-	74.33	27.47	4.02	-



802.11n HT20_Nss1,(MCS0)_1TX

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2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82262G	47.43	54.00	-6.57	7.13	3	Vertical	148	1.60	-	40.30	31.12	5.79	29.78
PK	4.82256G	60.65	74.00	-13.35	7.13	3	Vertical	148	1.60	-	53.52	31.12	5.79	29.78

Remark :

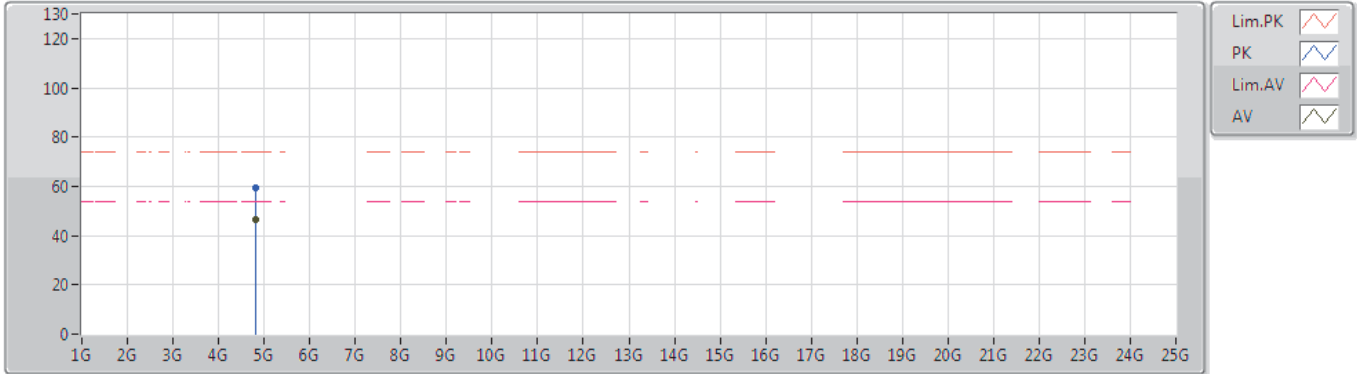
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2412MHz_TX



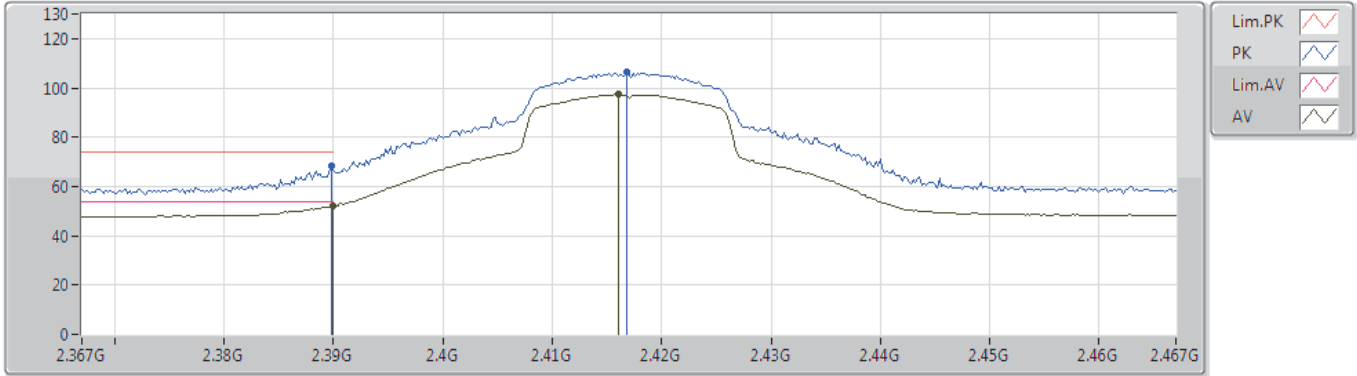
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AV	4.82256G	46.38	54.00	-7.62	7.13	3	Horizontal	214	1.62	-	39.25	31.12	5.79	29.78
PK	4.82238G	59.48	74.00	-14.52	7.13	3	Horizontal	214	1.62	-	52.35	31.12	5.79	29.78



802.11n HT20_Nss1,(MCS0)_1TX

06/07/2019

2417MHz_TX



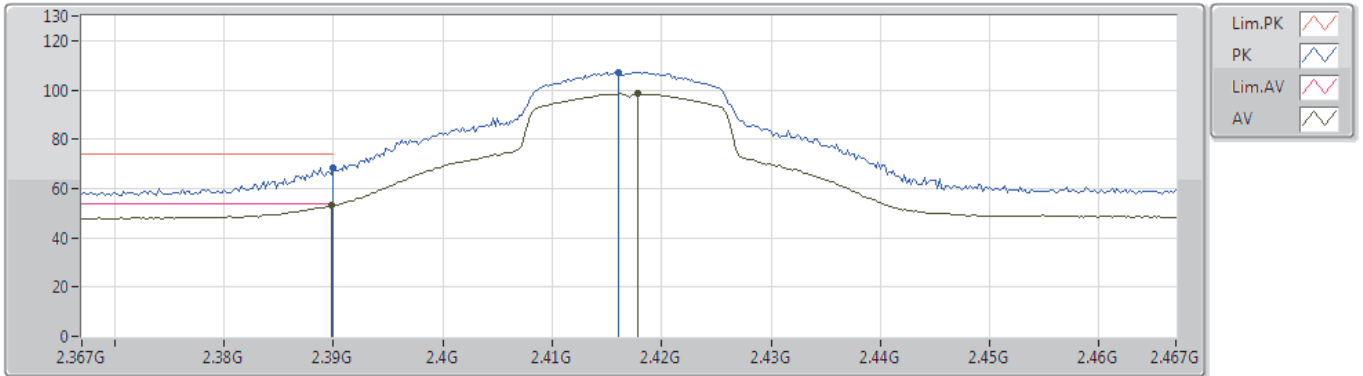
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.08	54.00	-1.92	31.54	3	Vertical	21	1.46	-	20.54	27.54	4.00	-
AV	2.416G	97.31	Inf	-Inf	31.49	3	Vertical	21	1.46	-	65.82	27.47	4.02	-
PK	2.3898G	68.15	74.00	-5.85	31.54	3	Vertical	21	1.46	-	36.61	27.54	4.00	-
PK	2.4168G	106.64	Inf	-Inf	31.49	3	Vertical	21	1.46	-	75.15	27.47	4.02	-



802.11n HT20_Nss1,(MCS0)_1TX

06/07/2019

2417MHz_TX



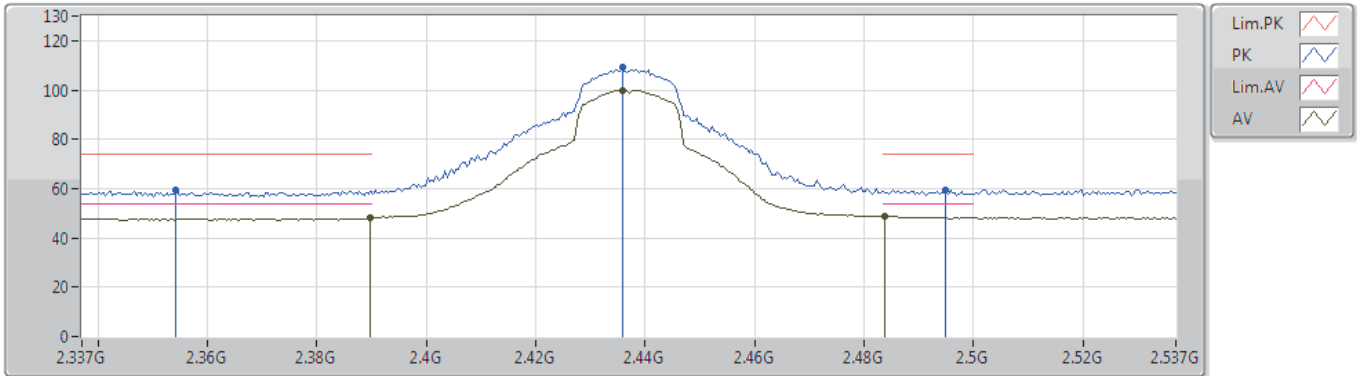
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.01	54.00	-0.99	31.54	3	Horizontal	297	1.01	-	21.47	27.54	4.00	-
AV	2.4178G	98.38	Inf	-Inf	31.48	3	Horizontal	297	1.01	-	66.90	27.46	4.02	-
PK	2.39G	68.42	74.00	-5.58	31.54	3	Horizontal	297	1.01	-	36.88	27.54	4.00	-
PK	2.416G	107.27	Inf	-Inf	31.49	3	Horizontal	297	1.01	-	75.78	27.47	4.02	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



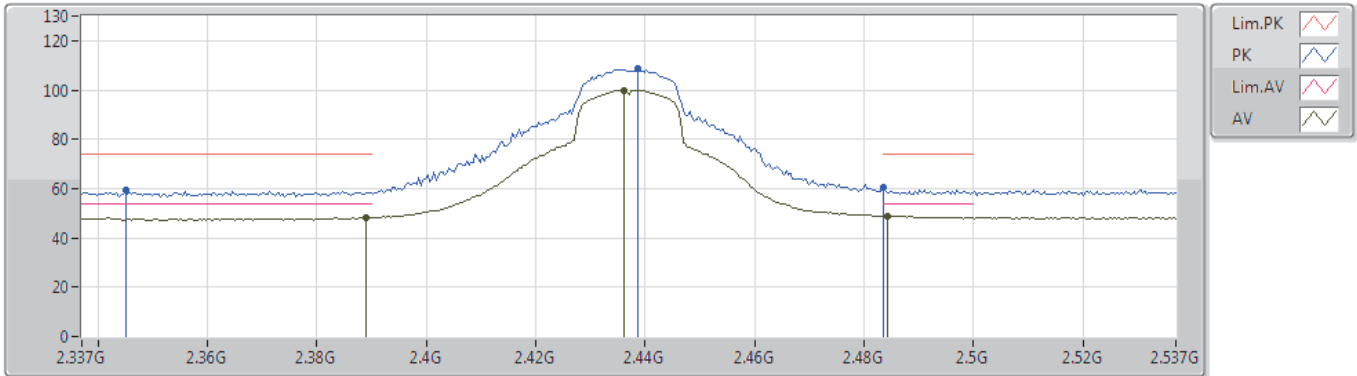
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.96	54.00	-6.04	31.54	3	Vertical	30	1.22	-	16.42	27.54	4.00	-
AV	2.4358G	99.89	Inf	-Inf	31.47	3	Vertical	30	1.22	-	68.42	27.43	4.04	-
AV	2.4838G	48.83	54.00	-5.17	31.41	3	Vertical	30	1.22	-	17.42	27.33	4.08	-
PK	2.3542G	59.13	74.00	-14.87	31.64	3	Vertical	30	1.22	-	27.49	27.68	3.96	-
PK	2.4358G	109.06	Inf	-Inf	31.47	3	Vertical	30	1.22	-	77.59	27.43	4.04	-
PK	2.495G	59.36	74.00	-14.64	31.41	3	Vertical	30	1.22	-	27.95	27.31	4.10	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



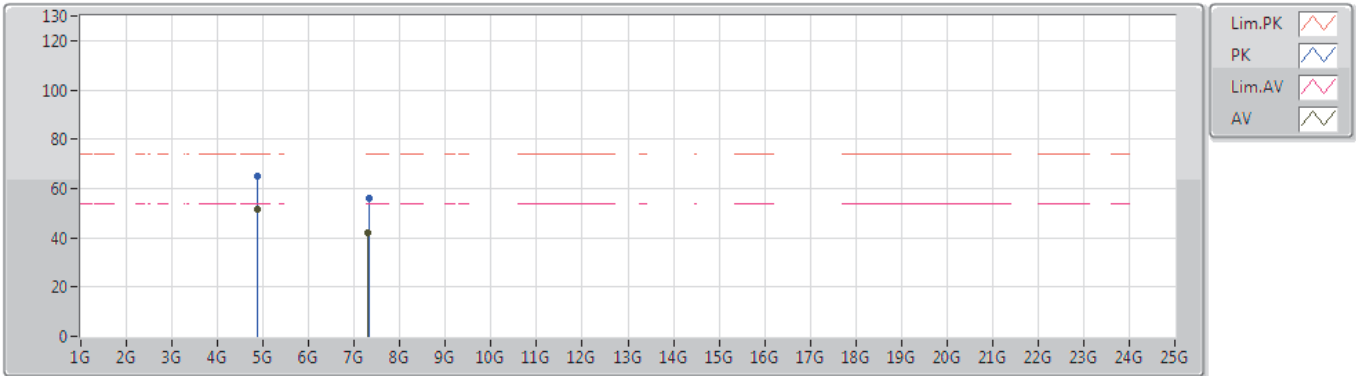
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	48.22	54.00	-5.78	31.54	3	Horizontal	300	1.07	-	16.68	27.54	4.00	-
AV	2.4362G	99.87	Inf	-Inf	31.47	3	Horizontal	300	1.07	-	68.40	27.43	4.04	-
AV	2.4842G	48.84	54.00	-5.16	31.42	3	Horizontal	300	1.07	-	17.42	27.33	4.09	-
PK	2.345G	59.17	74.00	-14.83	31.67	3	Horizontal	300	1.07	-	27.50	27.72	3.95	-
PK	2.4386G	108.67	Inf	-Inf	31.46	3	Horizontal	300	1.07	-	77.21	27.42	4.04	-
PK	2.4835G	60.25	74.00	-13.75	31.41	3	Horizontal	300	1.07	-	28.84	27.33	4.08	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



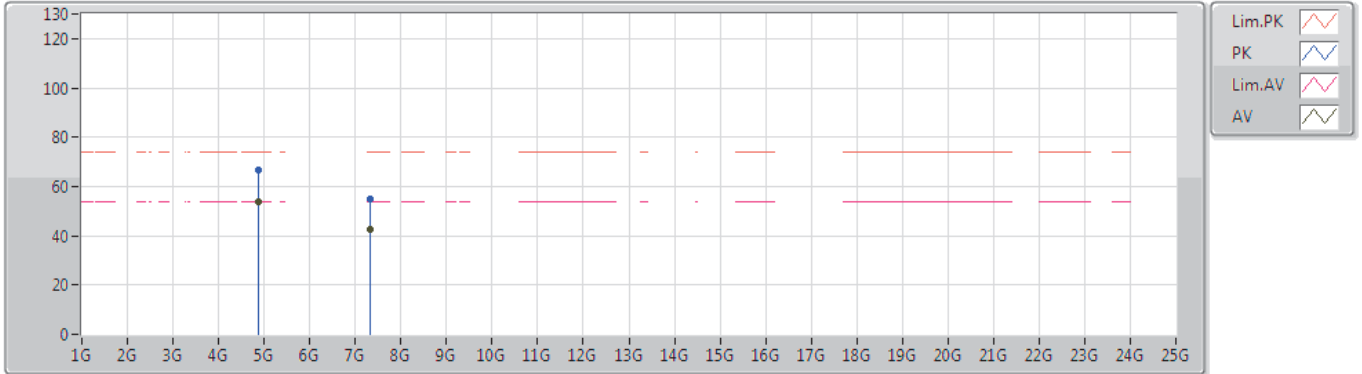
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AV	4.87472G	51.73	54.00	-2.27	7.23	3	Vertical	145	1.56	-	44.50	31.17	5.83	29.77
AV	7.30998G	42.10	54.00	-11.90	13.07	3	Vertical	72	1.42	-	29.03	36.29	7.48	30.70
PK	4.87478G	64.72	74.00	-9.28	7.23	3	Vertical	145	1.56	-	57.49	31.17	5.83	29.77
PK	7.31184G	55.81	74.00	-18.19	13.07	3	Vertical	72	1.42	-	42.74	36.29	7.48	30.70



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2437MHz_TX



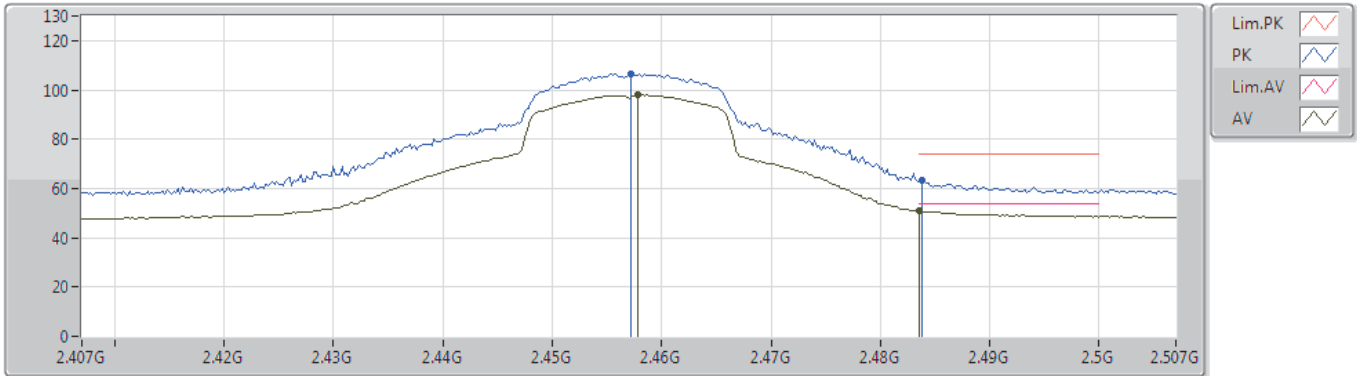
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AV	4.87496G	53.54	54.00	-0.46	7.23	3	Horizontal	202	1.27	-	46.31	31.17	5.83	29.77
AV	7.3116G	42.78	54.00	-11.22	13.07	3	Horizontal	136	1.54	-	29.71	36.29	7.48	30.70
PK	4.87226G	66.59	74.00	-7.41	7.23	3	Horizontal	202	1.27	-	59.36	31.17	5.83	29.77
PK	7.31292G	55.19	74.00	-18.81	13.06	3	Horizontal	136	1.54	-	42.13	36.29	7.47	30.70



802.11n HT20_Nss1,(MCS0)_1TX

06/07/2019

2457MHz_TX



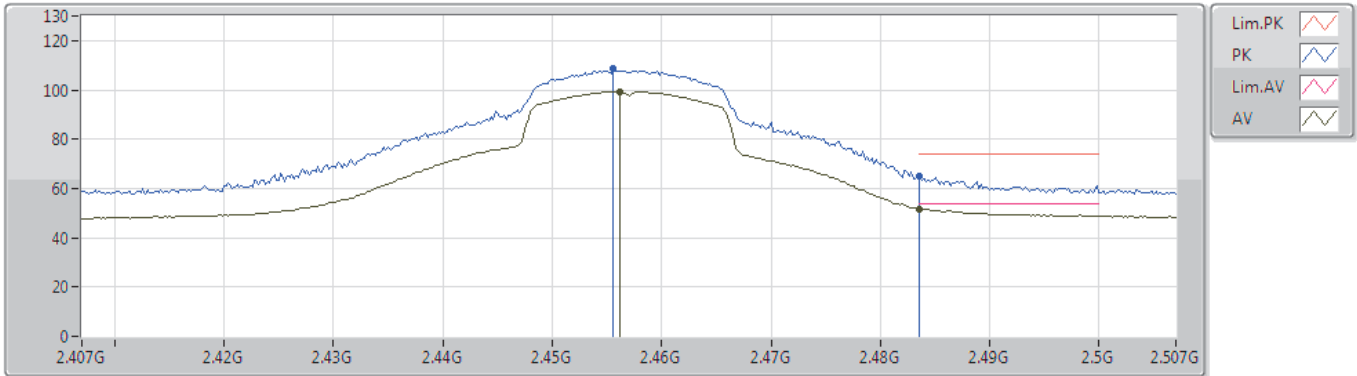
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AV	2.4578G	97.91	Inf	-Inf	31.44	3	Vertical	266	1.83	-	66.47	27.38	4.06	-
AV	2.4835G	51.26	54.00	-2.74	31.41	3	Vertical	266	1.83	-	19.85	27.33	4.08	-
PK	2.4572G	106.51	Inf	-Inf	31.45	3	Vertical	266	1.83	-	75.06	27.39	4.06	-
PK	2.4838G	63.44	74.00	-10.56	31.41	3	Vertical	266	1.83	-	32.03	27.33	4.08	-



802.11n HT20_Nss1,(MCS0)_1TX

06/07/2019

2457MHz_TX



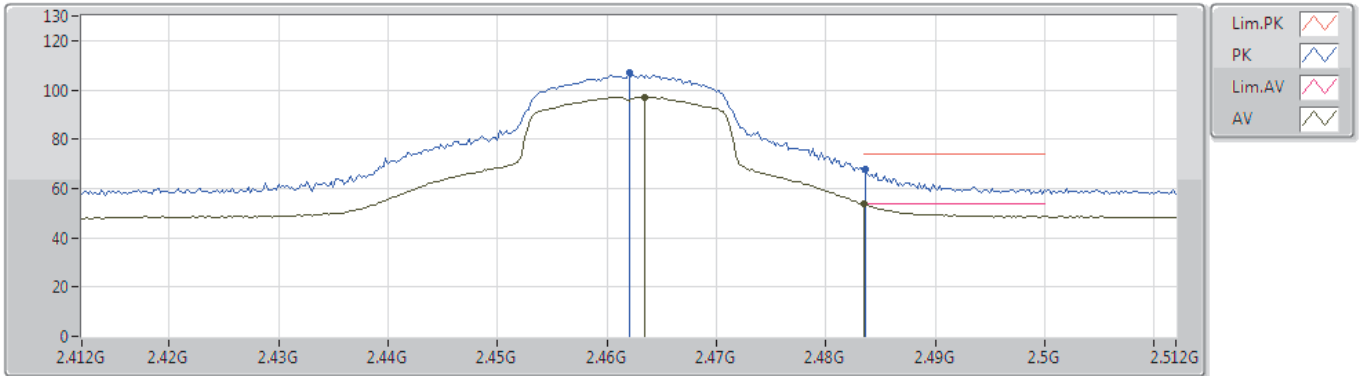
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AV	2.4562G	99.31	Inf	-Inf	31.45	3	Horizontal	307	1.10	-	67.86	27.39	4.06	-
AV	2.4835G	51.82	54.00	-2.18	31.41	3	Horizontal	307	1.10	-	20.41	27.33	4.08	-
PK	2.4556G	108.74	Inf	-Inf	31.45	3	Horizontal	307	1.10	-	77.29	27.39	4.06	-
PK	2.4836G	65.23	74.00	-8.77	31.41	3	Horizontal	307	1.10	-	33.82	27.33	4.08	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2462MHz_TX



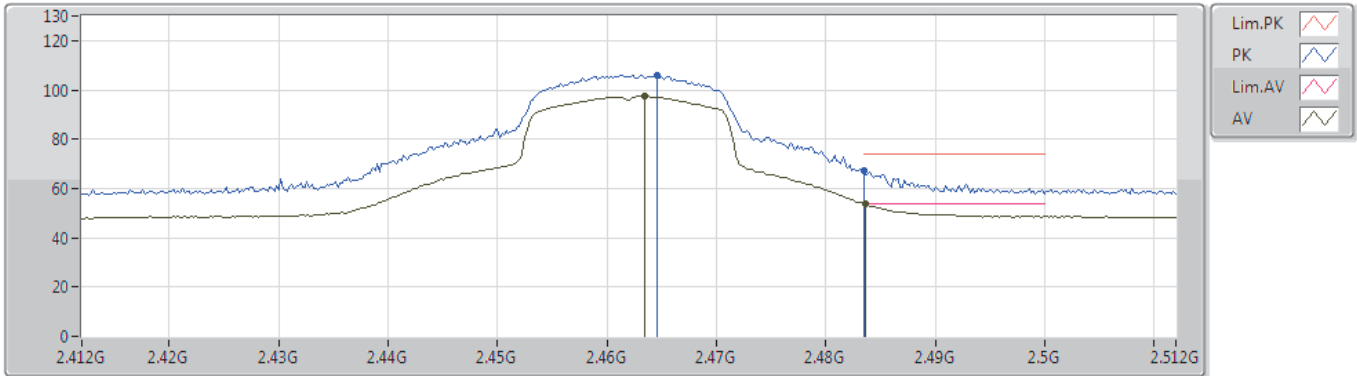
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AV	2.4634G	97.15	Inf	-Inf	31.44	3	Vertical	306	1.01	-	65.71	27.37	4.07	-
AV	2.4835G	53.61	54.00	-0.39	31.41	3	Vertical	306	1.01	-	22.20	27.33	4.08	-
PK	2.462G	106.77	Inf	-Inf	31.44	3	Vertical	306	1.01	-	75.33	27.38	4.06	-
PK	2.4836G	67.99	74.00	-6.01	31.41	3	Vertical	306	1.01	-	36.58	27.33	4.08	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2462MHz_TX



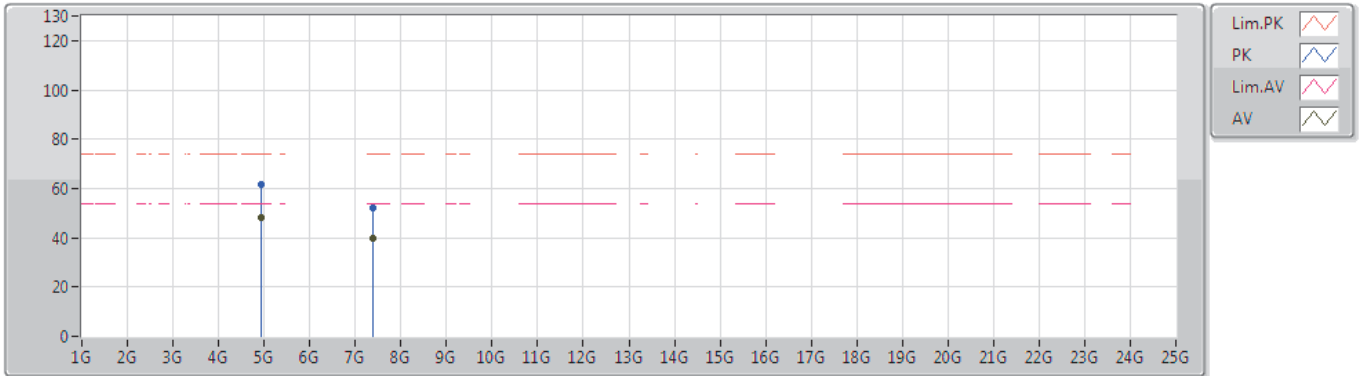
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AV	2.4634G	97.41	Inf	-Inf	31.44	3	Horizontal	304	1.01	-	65.97	27.37	4.07	-
AV	2.4836G	53.76	54.00	-0.24	31.41	3	Horizontal	304	1.01	-	22.35	27.33	4.08	-
PK	2.4646G	106.00	Inf	-Inf	31.44	3	Horizontal	304	1.01	-	74.56	27.37	4.07	-
PK	2.4835G	67.17	74.00	-6.83	31.41	3	Horizontal	304	1.01	-	35.76	27.33	4.08	-



802.11n HT20_Nss1,(MCS0)_1TX

05/07/2019

2462MHz_TX



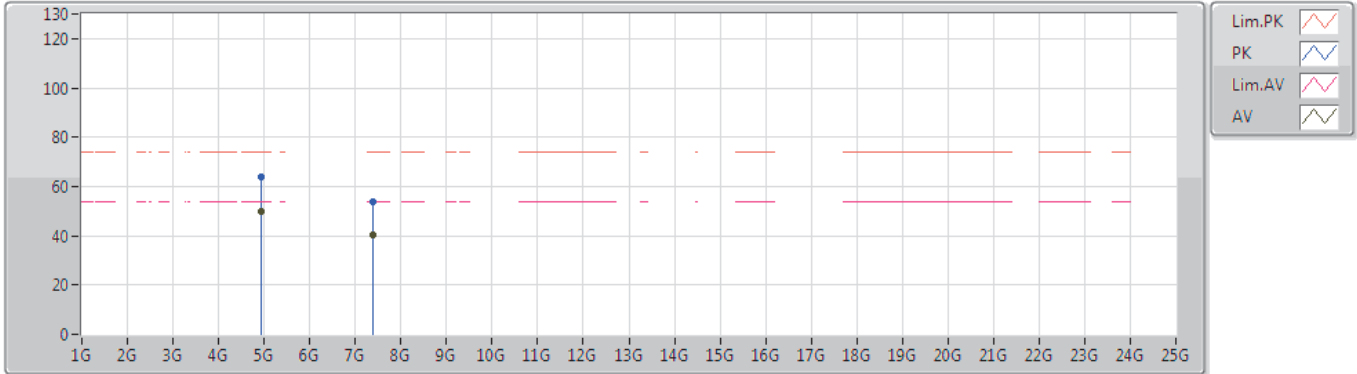
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AV	4.92358G	48.23	54.00	-5.77	7.36	3	Vertical	76	1.66	-	40.87	31.27	5.86	29.77
AV	7.3842G	39.67	54.00	-14.33	12.80	3	Vertical	70	1.41	-	26.87	36.22	7.34	30.76
PK	4.92634G	61.58	74.00	-12.42	7.38	3	Vertical	76	1.66	-	54.20	31.28	5.87	29.77
PK	7.3854G	51.96	74.00	-22.04	12.79	3	Vertical	70	1.41	-	39.17	36.21	7.34	30.76



802.11n HT20_Nss1,(MCS0)_1TX

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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92622G	49.98	54.00	-4.02	7.38	3	Horizontal	336	1.58	-	42.60	31.28	5.87	29.77
AV	7.38552G	40.38	54.00	-13.62	12.79	3	Horizontal	132	1.49	-	27.59	36.21	7.34	30.76
PK	4.92316G	63.60	74.00	-10.40	7.36	3	Horizontal	336	1.58	-	56.24	31.27	5.86	29.77
PK	7.38804G	53.78	74.00	-20.22	12.79	3	Horizontal	132	1.49	-	40.99	36.21	7.34	30.76

Remark :

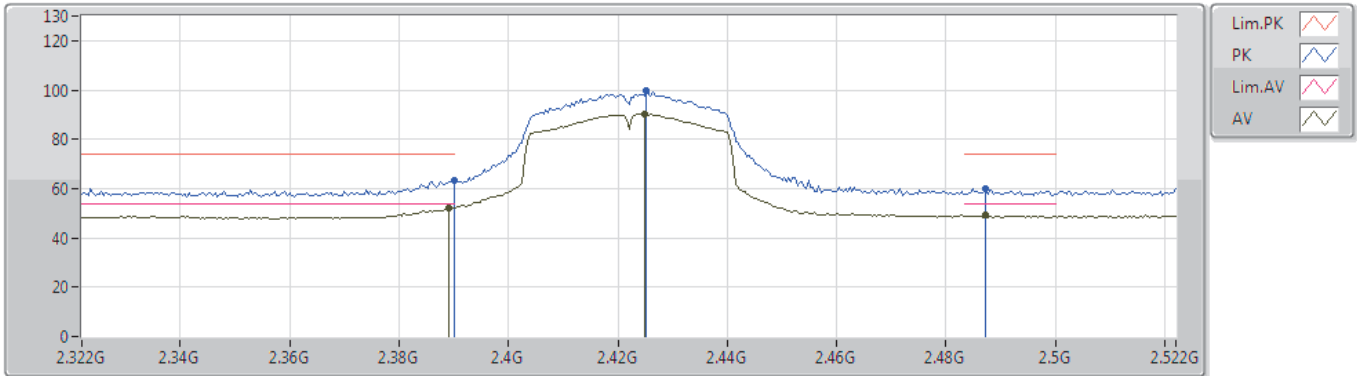
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2422MHz_TX



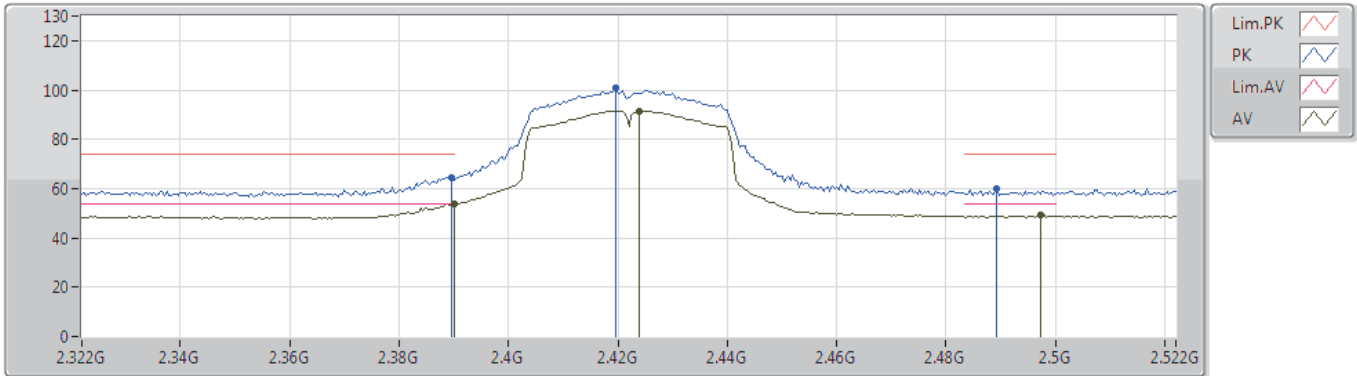
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AV	2.3892G	52.23	54.00	-1.77	31.54	3	Vertical	34	1.43	-	20.69	27.54	4.00	-
AV	2.4248G	90.16	Inf	-Inf	31.48	3	Vertical	34	1.43	-	58.68	27.45	4.03	-
AV	2.4872G	49.09	54.00	-4.91	31.42	3	Vertical	34	1.43	-	17.67	27.33	4.09	-
PK	2.39G	63.53	74.00	-10.47	31.54	3	Vertical	34	1.43	-	31.99	27.54	4.00	-
PK	2.4252G	99.52	Inf	-Inf	31.48	3	Vertical	34	1.43	-	68.04	27.45	4.03	-
PK	2.4872G	59.86	74.00	-14.14	31.42	3	Vertical	34	1.43	-	28.44	27.33	4.09	-



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2422MHz_TX



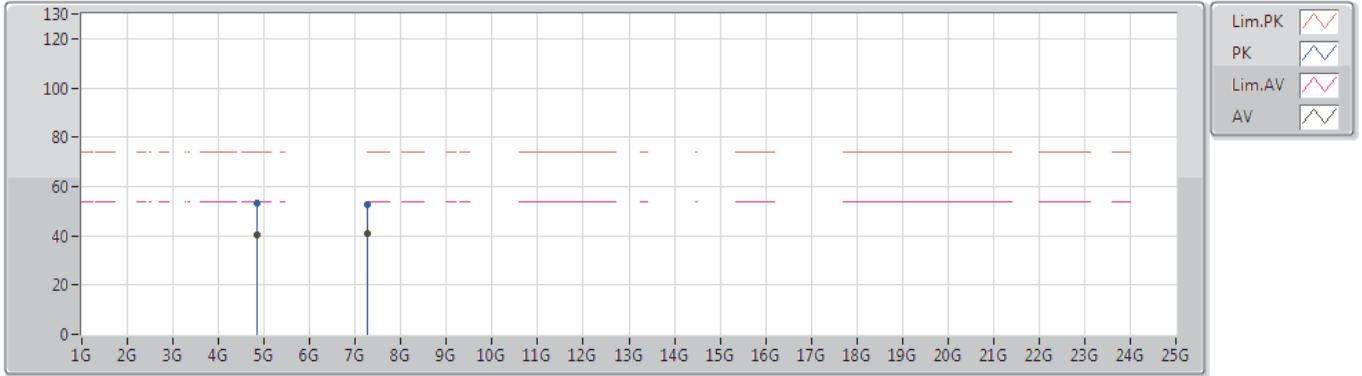
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AV	2.39G	53.58	54.00	-0.42	31.54	3	Horizontal	309	1.00	-	22.04	27.54	4.00	-
AV	2.424G	91.34	Inf	-Inf	31.48	3	Horizontal	309	1.00	-	59.86	27.45	4.03	-
AV	2.4972G	49.08	54.00	-4.92	31.41	3	Horizontal	309	1.00	-	17.67	27.31	4.10	-
PK	2.3896G	64.63	74.00	-9.37	31.54	3	Horizontal	309	1.00	-	33.09	27.54	4.00	-
PK	2.4196G	100.62	Inf	-Inf	31.48	3	Horizontal	309	1.00	-	69.14	27.46	4.02	-
PK	2.4892G	59.72	74.00	-14.28	31.41	3	Horizontal	309	1.00	-	28.31	27.32	4.09	-



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2422MHz_TX



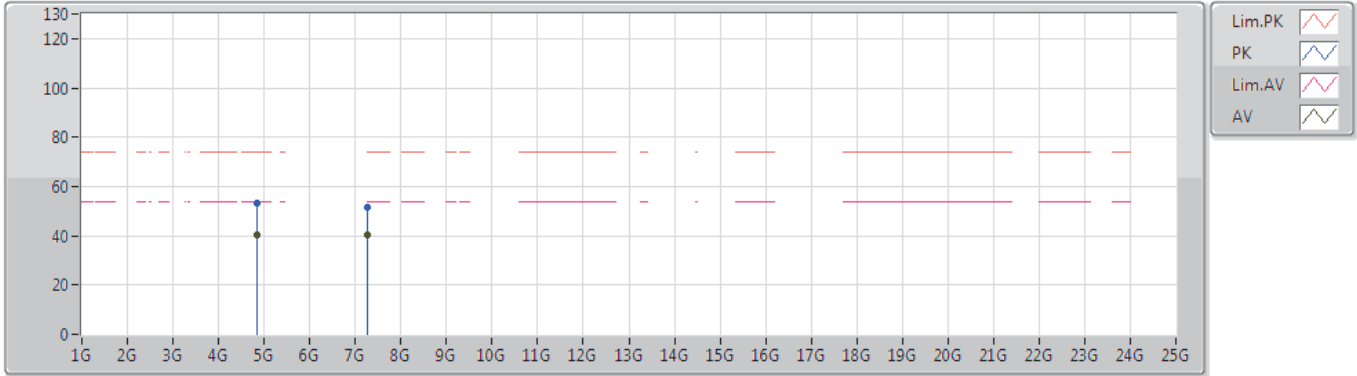
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AV	4.84262G	40.32	54.00	-13.68	7.17	3	Vertical	147	1.71	-	33.15	31.14	5.81	29.78
AV	7.26858G	40.64	54.00	-13.36	13.14	3	Vertical	338	2.99	-	27.50	36.24	7.56	30.66
PK	4.8446G	53.30	74.00	-20.70	7.17	3	Vertical	147	1.71	-	46.13	31.14	5.81	29.78
PK	7.27464G	52.60	74.00	-21.40	13.12	3	Vertical	338	2.99	-	39.48	36.25	7.54	30.67



802.11n HT40_Nss1,(MCS0)_1TX

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2422MHz_TX



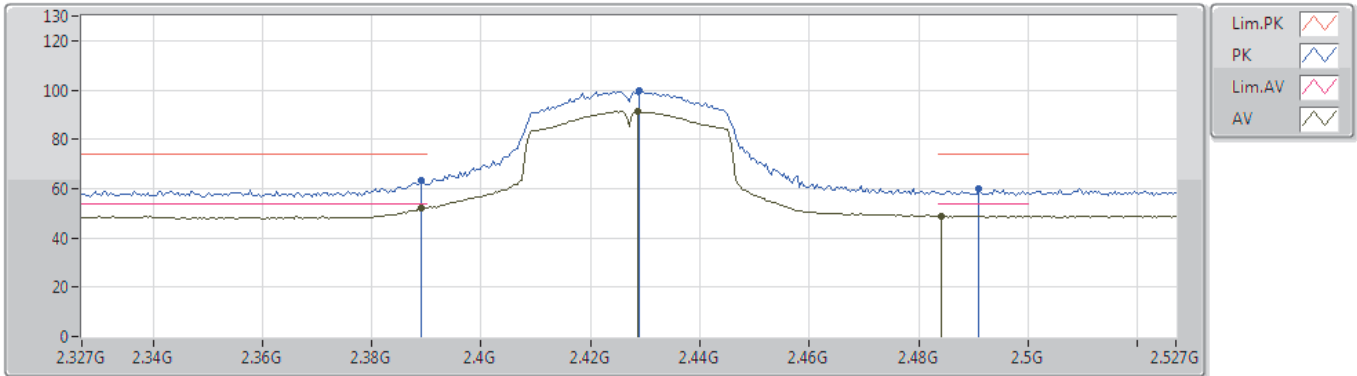
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AV	4.8443G	40.59	54.00	-13.41	7.17	3	Horizontal	202	1.18	-	33.42	31.14	5.81	29.78
AV	7.27512G	40.58	54.00	-13.42	13.12	3	Horizontal	116	1.27	-	27.46	36.25	7.54	30.67
PK	4.84436G	53.13	74.00	-20.87	7.17	3	Horizontal	202	1.18	-	45.96	31.14	5.81	29.78
PK	7.26786G	51.28	74.00	-22.72	13.14	3	Horizontal	116	1.27	-	38.14	36.24	7.56	30.66



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2427MHz_TX



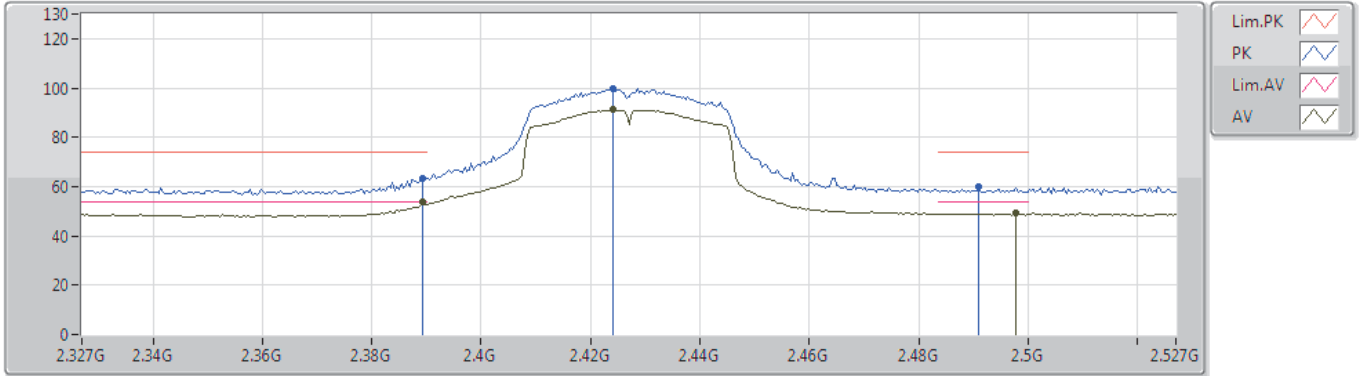
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	52.39	54.00	-1.61	31.54	3	Vertical	32	1.41	-	20.85	27.54	4.00	-
AV	2.4286G	91.16	Inf	-Inf	31.47	3	Vertical	32	1.41	-	59.69	27.44	4.03	-
AV	2.4842G	48.83	54.00	-5.17	31.42	3	Vertical	32	1.41	-	17.41	27.33	4.09	-
PK	2.389G	63.14	74.00	-10.86	31.54	3	Vertical	32	1.41	-	31.60	27.54	4.00	-
PK	2.429G	100.00	Inf	-Inf	31.47	3	Vertical	32	1.41	-	68.53	27.44	4.03	-
PK	2.491G	59.92	74.00	-14.08	31.41	3	Vertical	32	1.41	-	28.51	27.32	4.09	-



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2427MHz_TX



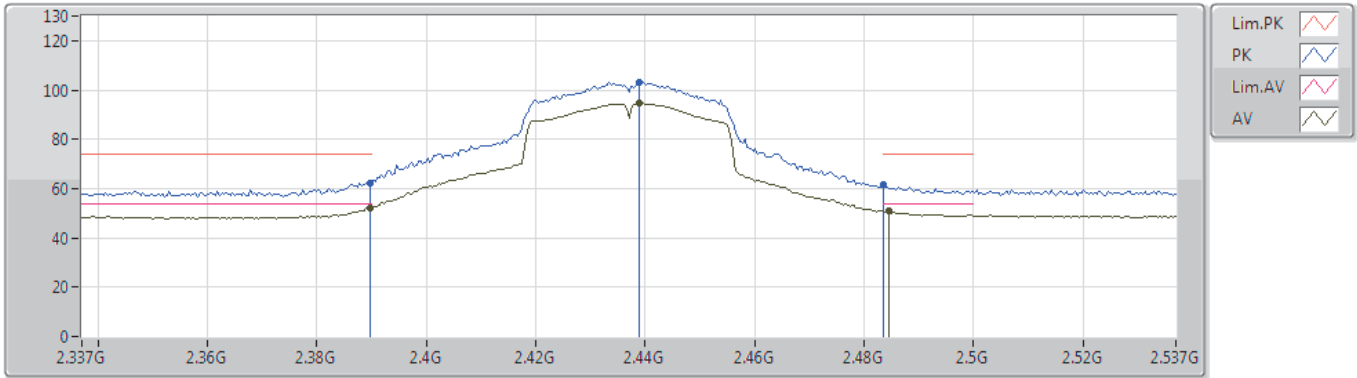
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.71	54.00	-0.29	31.54	3	Horizontal	294	1.01	-	22.17	27.54	4.00	-
AV	2.4242G	91.10	Inf	-Inf	31.48	3	Horizontal	294	1.01	-	59.62	27.45	4.03	-
AV	2.4978G	49.07	54.00	-4.93	31.40	3	Horizontal	294	1.01	-	17.67	27.30	4.10	-
PK	2.3894G	63.53	74.00	-10.47	31.54	3	Horizontal	294	1.01	-	31.99	27.54	4.00	-
PK	2.4242G	99.89	Inf	-Inf	31.48	3	Horizontal	294	1.01	-	68.41	27.45	4.03	-
PK	2.491G	59.92	74.00	-14.08	31.41	3	Horizontal	294	1.01	-	28.51	27.32	4.09	-



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_TX



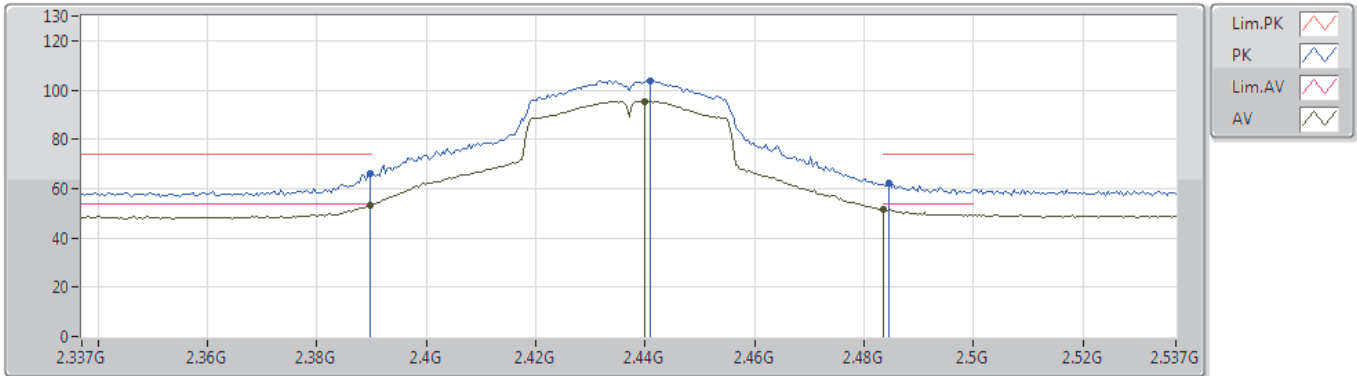
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.91	54.00	-2.09	31.54	3	Vertical	12	1.45	-	20.37	27.54	4.00	-
AV	2.439G	94.52	Inf	-Inf	31.46	3	Vertical	12	1.45	-	63.06	27.42	4.04	-
AV	2.4846G	51.07	54.00	-2.93	31.42	3	Vertical	12	1.45	-	19.65	27.33	4.09	-
PK	2.3898G	62.42	74.00	-11.58	31.54	3	Vertical	12	1.45	-	30.88	27.54	4.00	-
PK	2.439G	103.35	Inf	-Inf	31.46	3	Vertical	12	1.45	-	71.89	27.42	4.04	-
PK	2.4835G	61.47	74.00	-12.53	31.41	3	Vertical	12	1.45	-	30.06	27.33	4.08	-



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2437MHz_TX



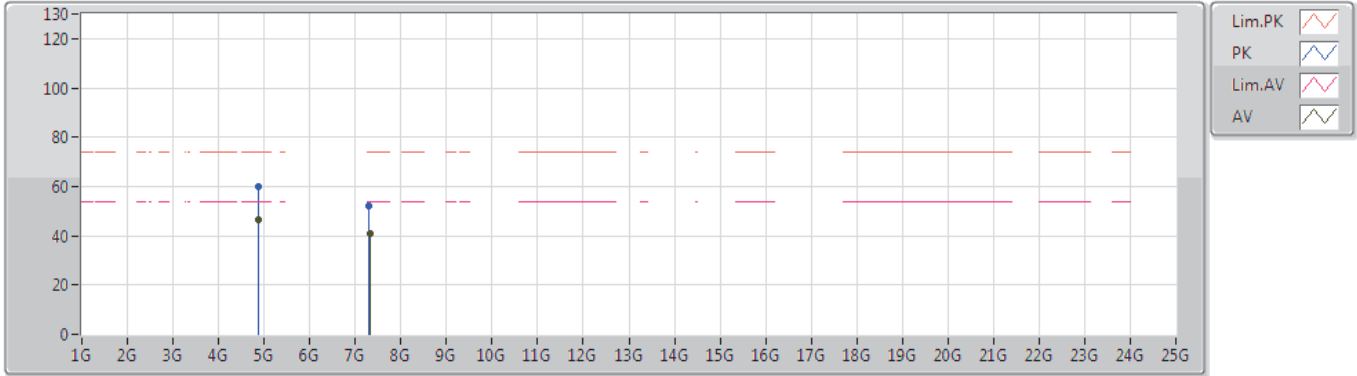
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AV	2.3898G	53.30	54.00	-0.70	31.54	3	Horizontal	307	1.05	-	21.76	27.54	4.00	-
AV	2.4398G	95.41	Inf	-Inf	31.46	3	Horizontal	307	1.05	-	63.95	27.42	4.04	-
AV	2.4835G	51.63	54.00	-2.37	31.41	3	Horizontal	307	1.05	-	20.22	27.33	4.08	-
PK	2.3898G	66.08	74.00	-7.92	31.54	3	Horizontal	307	1.05	-	34.54	27.54	4.00	-
PK	2.441G	103.61	Inf	-Inf	31.46	3	Horizontal	307	1.05	-	72.15	27.42	4.04	-
PK	2.4846G	62.08	74.00	-11.92	31.42	3	Horizontal	307	1.05	-	30.66	27.33	4.09	-



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2437MHz_TX



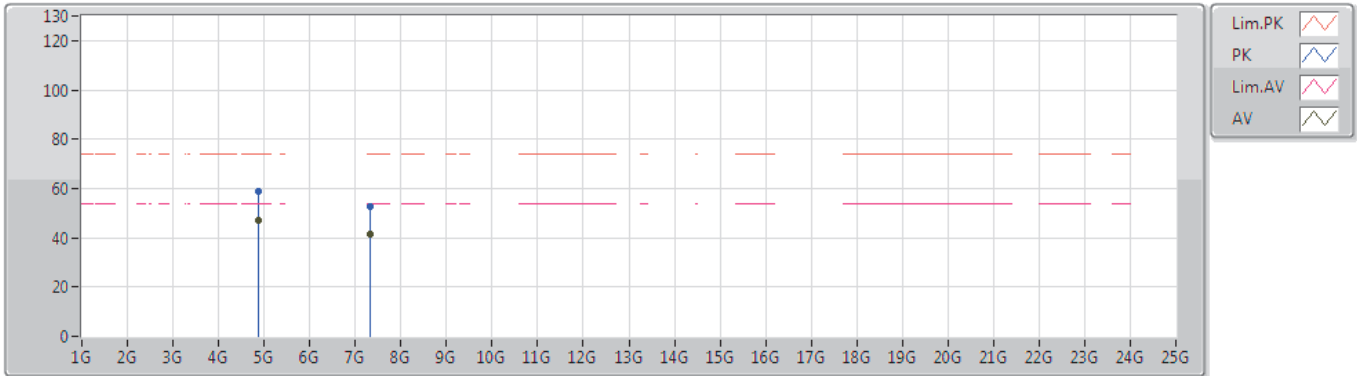
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8776G	46.56	54.00	-7.44	7.24	3	Vertical	88	1.68	-	39.32	31.18	5.83	29.77
AV	7.31304G	41.17	54.00	-12.83	13.06	3	Vertical	75	1.50	-	28.11	36.29	7.47	30.70
PK	4.87424G	59.79	74.00	-14.21	7.23	3	Vertical	88	1.68	-	52.56	31.17	5.83	29.77
PK	7.30068G	52.18	74.00	-21.82	13.11	3	Vertical	75	1.50	-	39.07	36.30	7.50	30.69



802.11n HT40_Nss1,(MCS0)_1TX

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2437MHz_TX



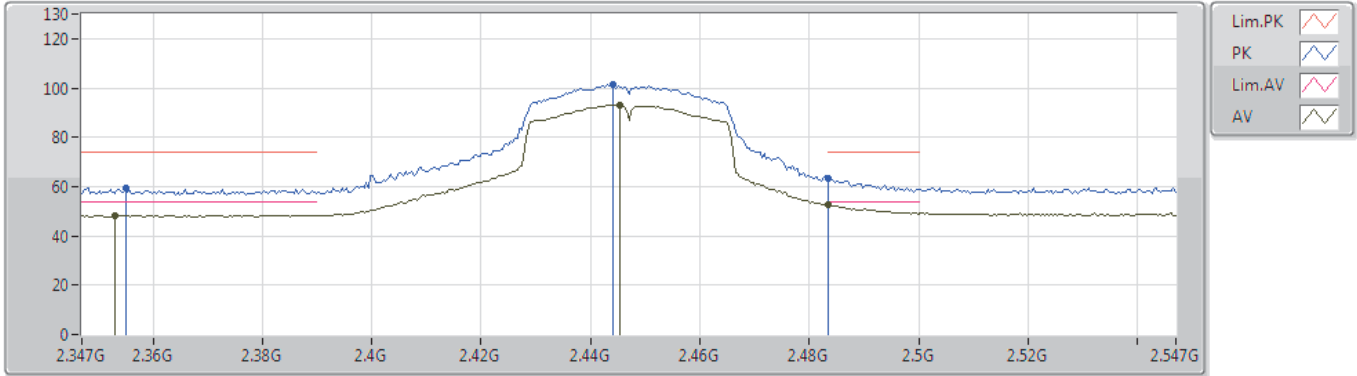
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AV	4.87364G	47.09	54.00	-6.91	7.23	3	Horizontal	332	1.48	-	39.86	31.17	5.83	29.77
AV	7.31376G	41.34	54.00	-12.66	13.06	3	Horizontal	132	1.61	-	28.28	36.29	7.47	30.70
PK	4.87394G	59.06	74.00	-14.94	7.23	3	Horizontal	332	1.48	-	51.83	31.17	5.83	29.77
PK	7.3152G	52.85	74.00	-21.15	13.05	3	Horizontal	132	1.61	-	39.80	36.28	7.47	30.70



802.11n HT40_Nss1,(MCS0)_1TX

06/07/2019

2447MHz_TX



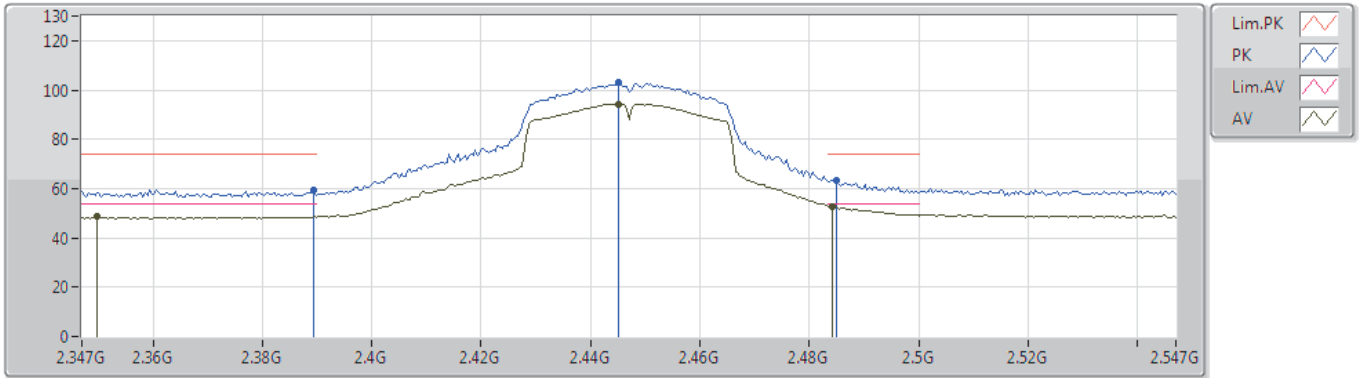
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.353G	48.33	54.00	-5.67	31.65	3	Vertical	13	1.41	-	16.68	27.69	3.96	-
AV	2.4454G	92.94	Inf	-Inf	31.46	3	Vertical	13	1.41	-	61.48	27.41	4.05	-
AV	2.4835G	52.84	54.00	-1.16	31.41	3	Vertical	13	1.41	-	21.43	27.33	4.08	-
PK	2.355G	59.60	74.00	-14.40	31.64	3	Vertical	13	1.41	-	27.96	27.68	3.96	-
PK	2.4442G	101.39	Inf	-Inf	31.46	3	Vertical	13	1.41	-	69.93	27.41	4.05	-
PK	2.4835G	63.12	74.00	-10.88	31.41	3	Vertical	13	1.41	-	31.71	27.33	4.08	-



802.11n HT40_Nss1,(MCS0)_1TX

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2447MHz_TX



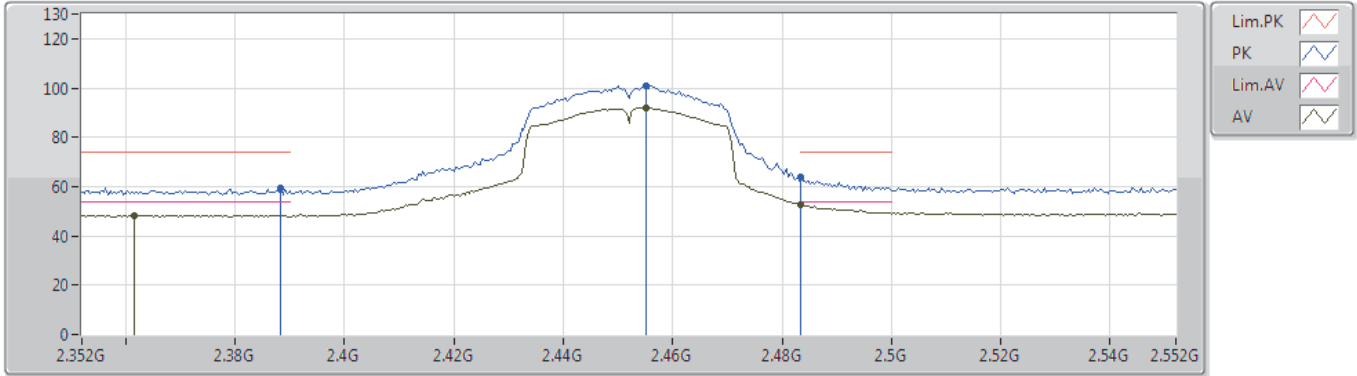
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AV	2.3498G	48.62	54.00	-5.38	31.66	3	Horizontal	306	1.10	-	16.96	27.70	3.96	-
AV	2.445G	94.31	Inf	-Inf	31.46	3	Horizontal	306	1.10	-	62.85	27.41	4.05	-
AV	2.4842G	52.85	54.00	-1.15	31.42	3	Horizontal	306	1.10	-	21.43	27.33	4.09	-
PK	2.3894G	59.45	74.00	-14.55	31.54	3	Horizontal	306	1.10	-	27.91	27.54	4.00	-
PK	2.445G	102.86	Inf	-Inf	31.46	3	Horizontal	306	1.10	-	71.40	27.41	4.05	-
PK	2.485G	63.50	74.00	-10.50	31.42	3	Horizontal	306	1.10	-	32.08	27.33	4.09	-



802.11n HT40_Nss1,(MCS0)_1TX

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2452MHz_TX



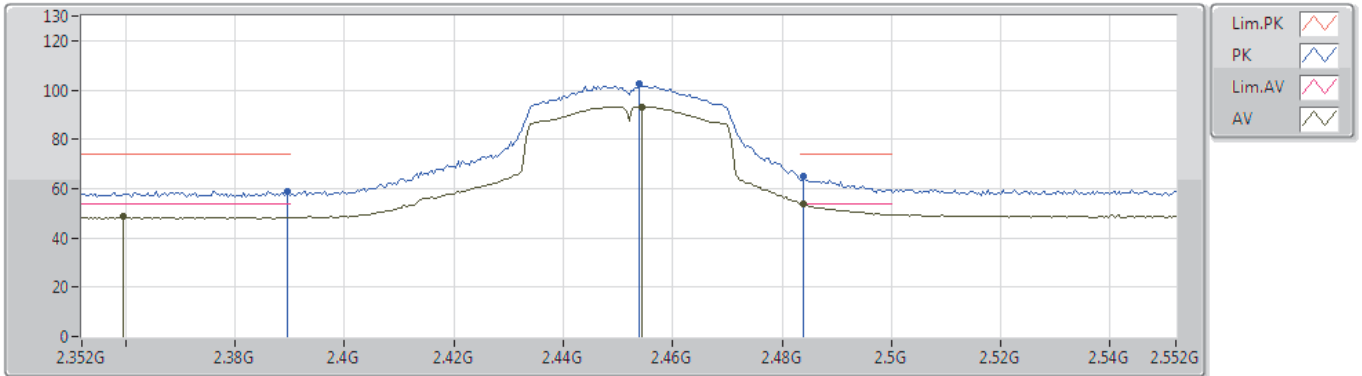
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3616G	48.24	54.00	-5.76	31.62	3	Vertical	277	1.68	-	16.62	27.65	3.97	-
AV	2.4552G	91.95	Inf	-Inf	31.45	3	Vertical	277	1.68	-	60.50	27.39	4.06	-
AV	2.4835G	52.51	54.00	-1.49	31.41	3	Vertical	277	1.68	-	21.10	27.33	4.08	-
PK	2.3884G	59.31	74.00	-14.69	31.55	3	Vertical	277	1.68	-	27.76	27.55	4.00	-
PK	2.4552G	101.05	Inf	-Inf	31.45	3	Vertical	277	1.68	-	69.60	27.39	4.06	-
PK	2.4835G	63.75	74.00	-10.25	31.41	3	Vertical	277	1.68	-	32.34	27.33	4.08	-



802.11n HT40_Nss1,(MCS0)_1TX

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2452MHz_TX



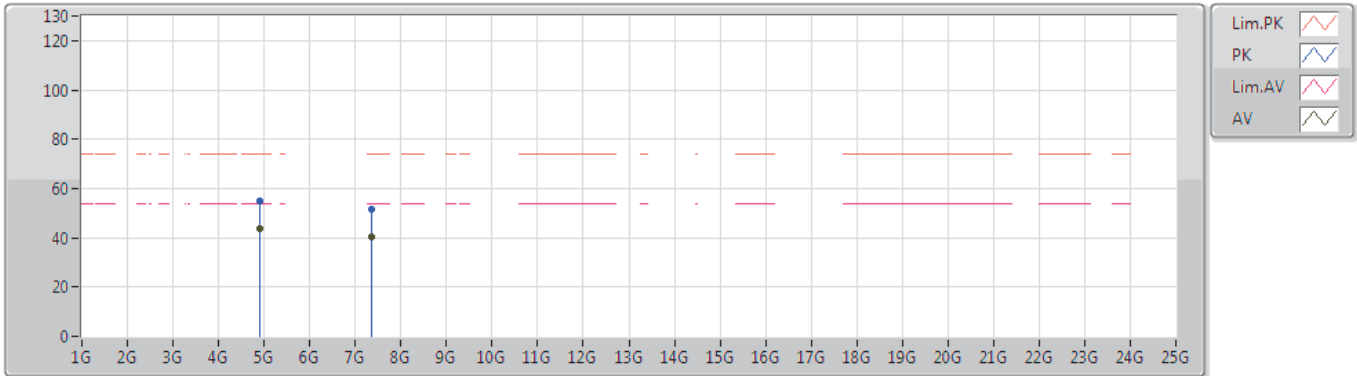
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3596G	48.50	54.00	-5.50	31.63	3	Horizontal	301	1.10	-	16.87	27.66	3.97	-
AV	2.4544G	93.29	Inf	-Inf	31.45	3	Horizontal	301	1.10	-	61.84	27.39	4.06	-
AV	2.484G	53.61	54.00	-0.39	31.41	3	Horizontal	301	1.10	-	22.20	27.33	4.08	-
PK	2.3896G	58.90	74.00	-15.10	31.54	3	Horizontal	301	1.10	-	27.36	27.54	4.00	-
PK	2.454G	102.31	Inf	-Inf	31.45	3	Horizontal	301	1.10	-	70.86	27.39	4.06	-
PK	2.484G	64.86	74.00	-9.14	31.41	3	Horizontal	301	1.10	-	33.45	27.33	4.08	-



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2452MHz_TX



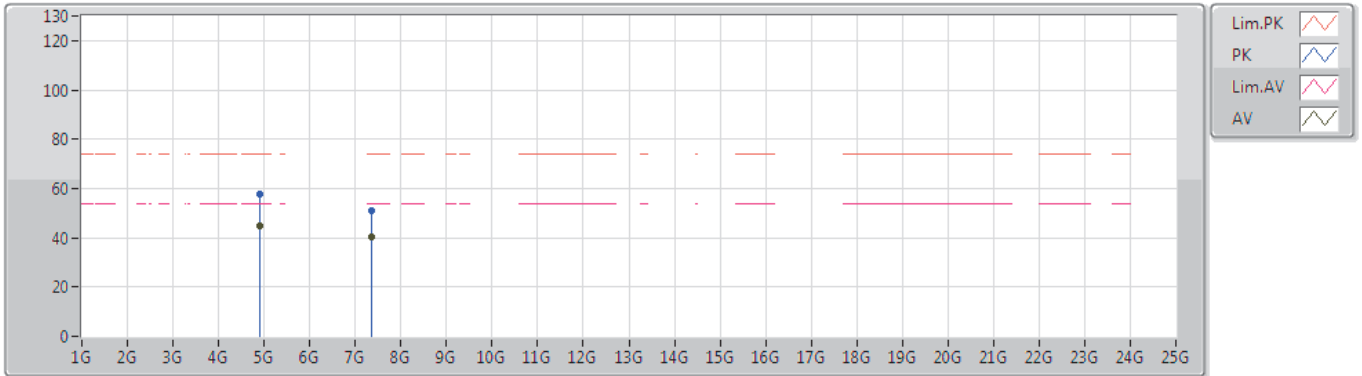
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90466G	43.71	54.00	-10.29	7.29	3	Vertical	77	1.79	-	36.42	31.21	5.85	29.77
AV	7.36506G	40.45	54.00	-13.55	12.87	3	Vertical	123	1.04	-	27.58	36.23	7.38	30.74
PK	4.90424G	54.65	74.00	-19.35	7.29	3	Vertical	77	1.79	-	47.36	31.21	5.85	29.77
PK	7.36554G	51.35	74.00	-22.65	12.87	3	Vertical	123	1.04	-	38.48	36.23	7.38	30.74



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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9046G	44.92	54.00	-9.08	7.29	3	Horizontal	199	1.46	-	37.63	31.21	5.85	29.77
AV	7.34868G	40.60	54.00	-13.40	12.93	3	Horizontal	296	1.50	-	27.67	36.25	7.41	30.73
PK	4.904G	57.67	74.00	-16.33	7.29	3	Horizontal	199	1.46	-	50.38	31.21	5.85	29.77
PK	7.35486G	51.23	74.00	-22.77	12.92	3	Horizontal	296	1.50	-	38.31	36.25	7.40	30.73