

FCC Test Report

FCC ID : N8J-WFMD001
Equipment : Wireless module
Brand Name : JEM
Model Name : WM-AC201
Applicant : JOINSOON ELECTRONICS MFG., CO., LTD.
19F, NO. 79, Sec 1, Sintai 5th Rd., Sijhih Dist.,
New Taipei City 221, Taiwan(R.O.C)
Manufacturer : JOINSOON ELECTRONICS MFG., CO., LTD.
19F, NO. 79, Sec 1, Sintai 5th Rd., Sijhih Dist.,
New Taipei City 221, Taiwan(R.O.C)
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 02, 2019, and testing was started from Oct. 21, 2019 and completed on Mar. 25, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR992607AC	01	Initial issue of report	Jun. 12, 2020

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

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: Ben Tseng

Report Producer: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	JEM	JEMPCBWIFI-2	PIFA	I-Pex	Group 1
2	JEM	JEMPCBWIFI-1	PIFA	I-Pex	
3	JEM	JEMPDIPOLEWIFI-1	Dipole	I-Pex	Group 2
4	JEM	JEMPDIPOLEWIFI-1	Dipole	I-Pex	
5	FEIYUXIN	3.07.XXXX	Dipole	I-Pex	Group 3
6	FEIYUXIN	3.07.XXXX	Dipole	I-Pex	

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	2.92	3.58
2	2	2.57	2.60
3	1	4.68	3.53
4	2	4.68	3.53
5	1	2.79	3.72
6	2	2.79	3.72

Note: EUT can match with above antennas for using. Higher gain in each type of antenna was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

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

Port 1 and port 2 could transmit/receive simultaneously.

For 5GHz function:

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

Port 1 and port 2 could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.999	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40	0.999	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

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

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 558074 D01 v05r02
- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location				
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)		
		TEL : 886-3-327-3456	FAX : 886-3-327-0973	
Test site Designation No. TW1190 with FCC.				
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)		
		TEL : 886-3-656-9065	FAX : 886-3-656-9085	
Test site Designation No. TW0006 with FCC.				
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)		
		TEL : 886-3-318-0787	FAX : 886-3-318-0287	
Test site Designation No. TW1097 with FCC.				

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	20.1~22.2°C / 60~65%	29/Oct/2019
RF Conducted	TH01-HY	Tim Chen	23.1~24.7°C / 60~66.8%	26/Oct/2019~27/Oct/2019
Radiated	03CH02-HY	Daniel Lin	22.3~25.8°C / 55~62%	21/Oct/2019~25/Mar/2020

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	MP-Tool-v3.5-2017.0707
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PIFA Antenna

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	30,30
2437MHz	28,28
2457MHz	27,27
2462MHz	26,26
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	42,42
2437MHz	40,40
2462MHz	40,40
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	40,40
2417MHz	41,41
2437MHz	41,41
2457MHz	41,41
2462MHz	40,40
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	38,38
2427MHz	39,39
2437MHz	39,39
2447MHz	37,37
2452MHz	36,36

**Dipole Antenna**

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	31,31
2417MHz	33,33
2437MHz	33,33
2462MHz	35,35
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	49,49
2417MHz	54,54
2437MHz	54,54
2457MHz	54,54
2462MHz	45,45
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	45,45
2417MHz	53,53
2437MHz	54,54
2457MHz	51,51
2462MHz	45,45
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	43,43
2427MHz	45,45
2437MHz	46,46
2447MHz	42,42
2452MHz	40,40

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter Mode ; PIFA Antenna
2	Adapter Mode ; Dipole Antenna

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	Adapter Mode ; PIFA Antenna
2	Adapter Mode ; Dipole Antenna
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA992607 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PIFA antenna	JEM	JEMPCBWIFI-2	-	EUT
2	PIFA antenna	JEM	JEMPCBWIFI-1	-	EUT
3	Dipole Antenna	JEM	JEMPDIPOLEWIFI-1	-	EUT
4	AC adapter	Victor	J48330-001	-	-

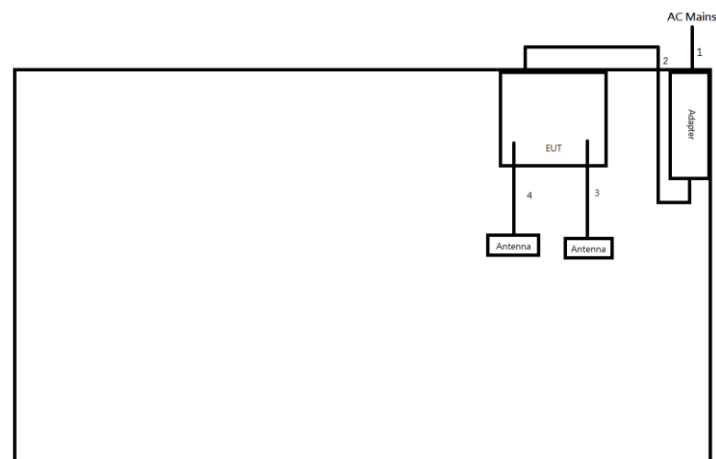
Note: Support equipment No.4 was provided by customer.

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

Note: Support equipment No.3 was provided by customer.

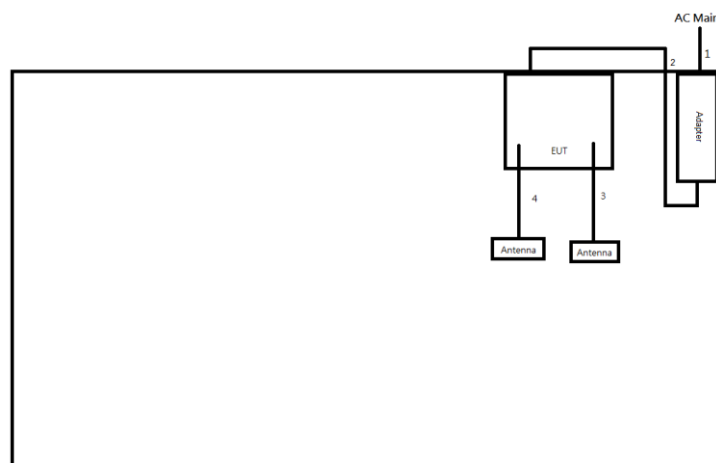
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (PIFA Antenna)

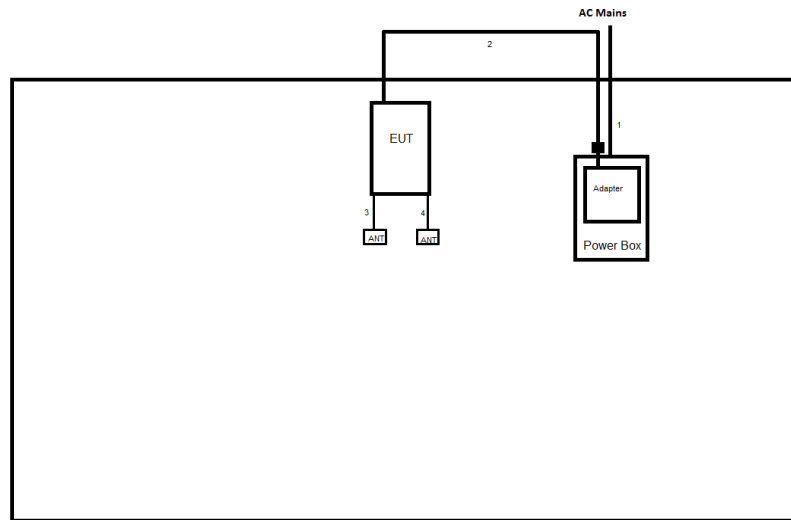


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.6	-
3	RF cable	No	0.14	-
4	RF cable	No	0.18	-

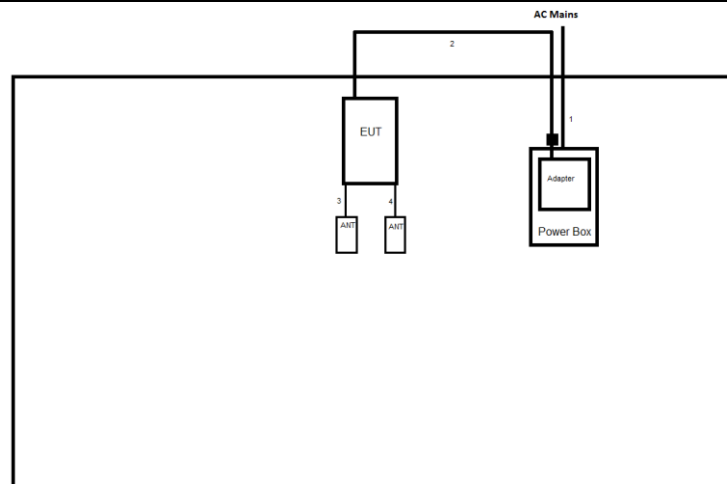
Test Setup Diagram – AC Line Conducted Emission Test (Dipole Antenna)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.6	-
3	RF cable	No	0.12	-
4	RF cable	No	0.12	-

Test Setup Diagram - Radiated Test (PIFA Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.6	-
3	RF cable	No	0.14	-
4	RF cable	No	0.18	-

Test Setup Diagram - Radiated Test (Dipole Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.5	-
2	DC Power cable	No	1.6	-
3	RF cable	No	0.12	-
4	RF cable	No	0.12	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

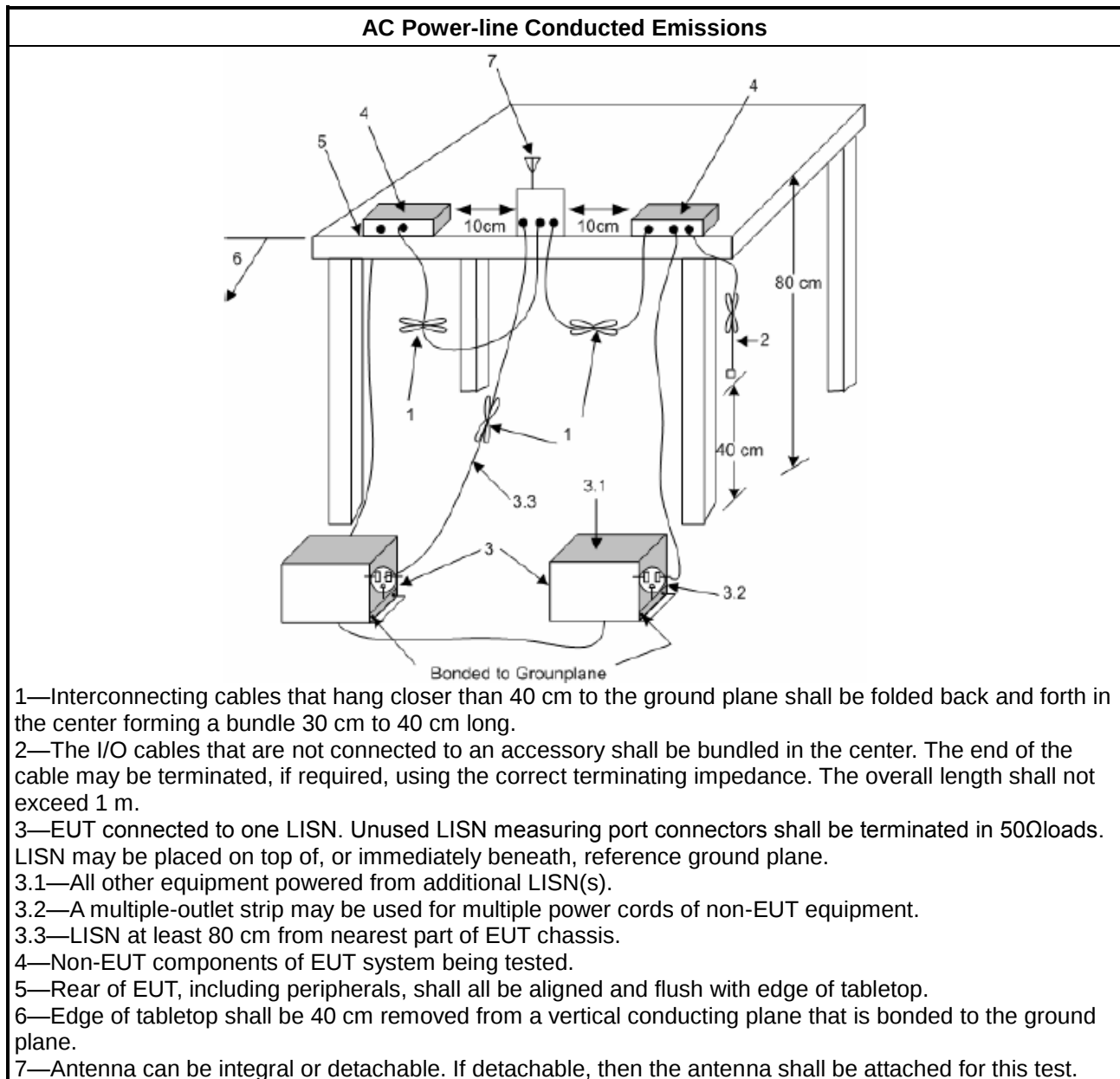
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

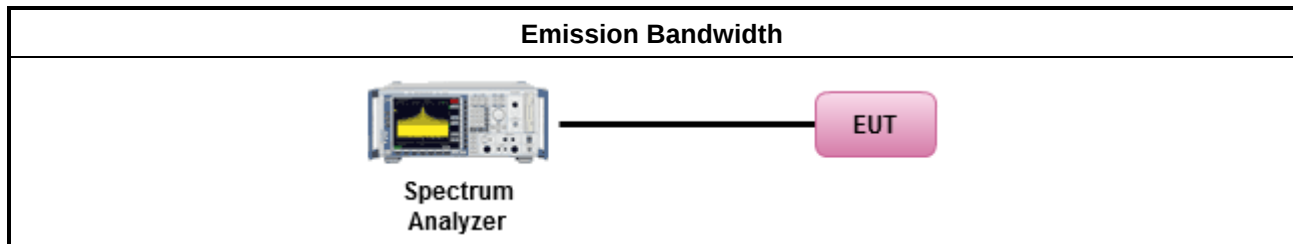
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

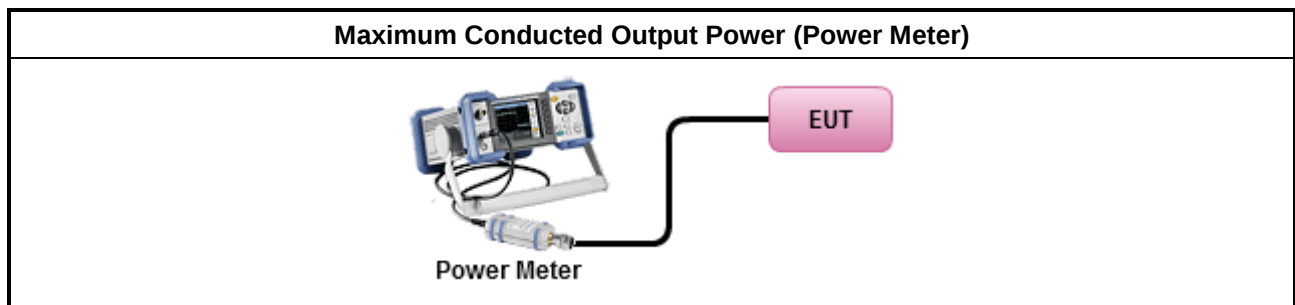
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (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	
▪	Power Spectral Density (PSD) $\leq$ 8 dBm/3kHz

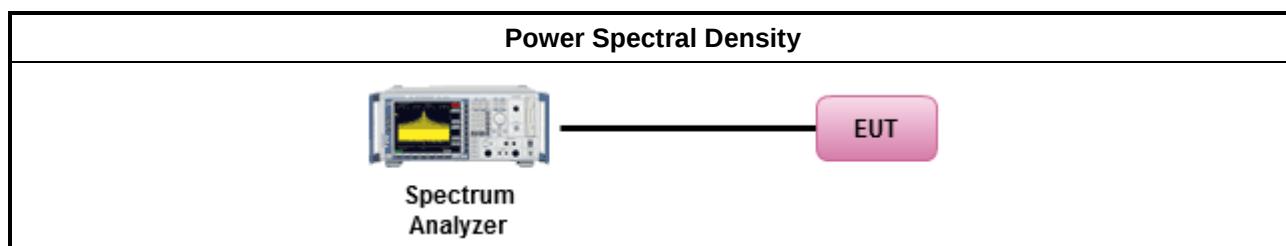
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



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.	

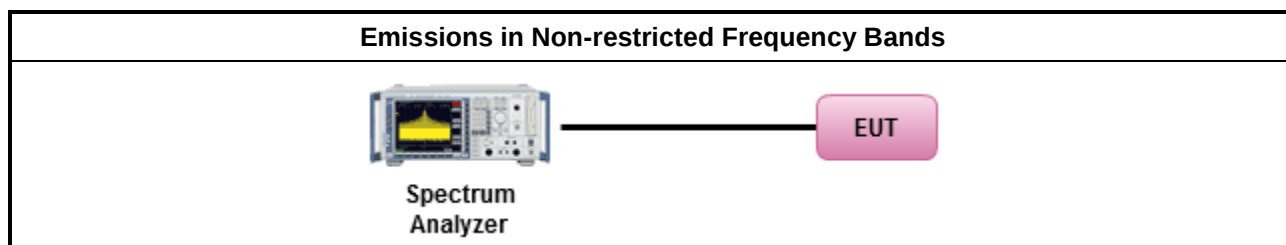
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
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.

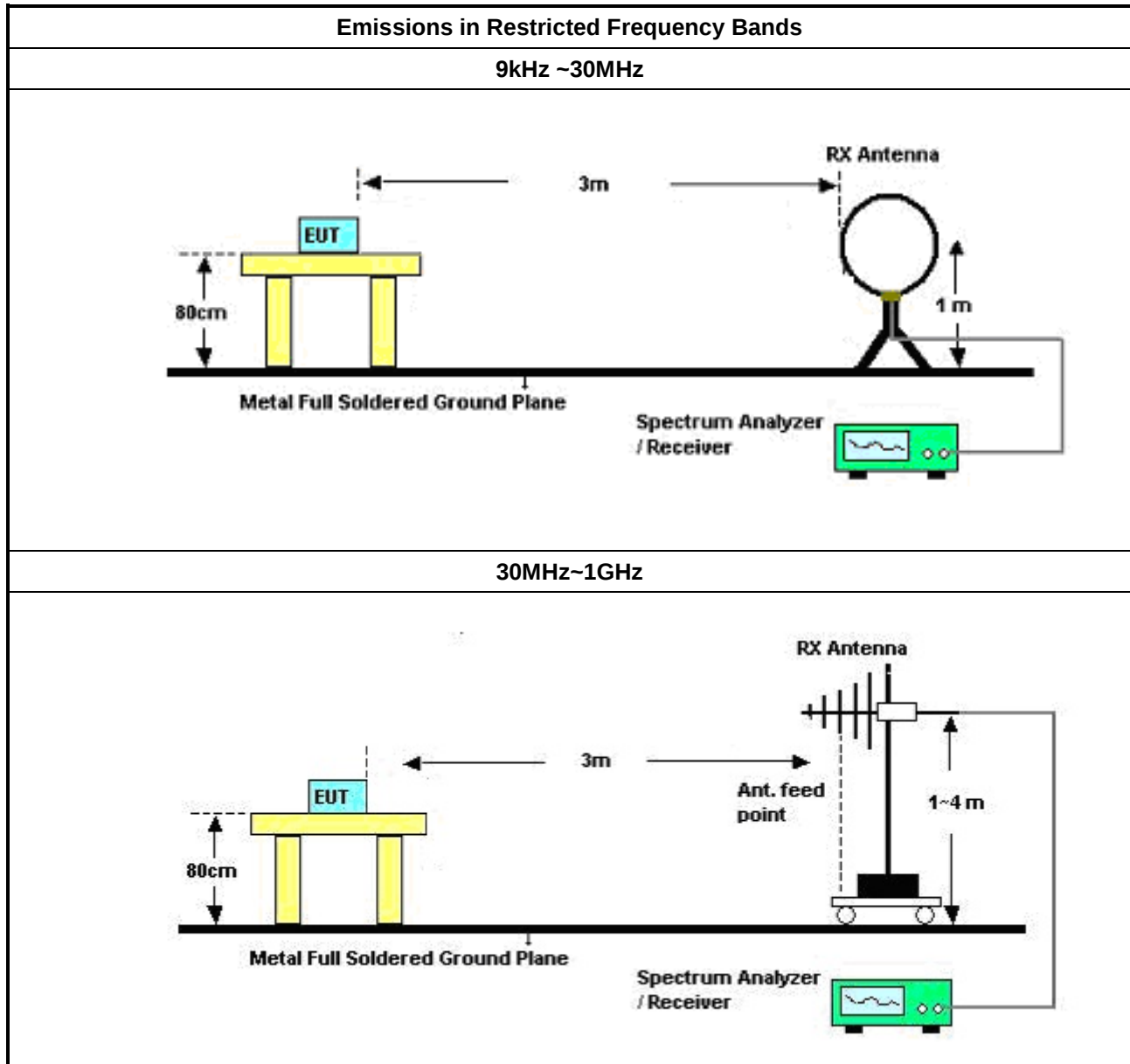
3.6.2 Measuring Instruments

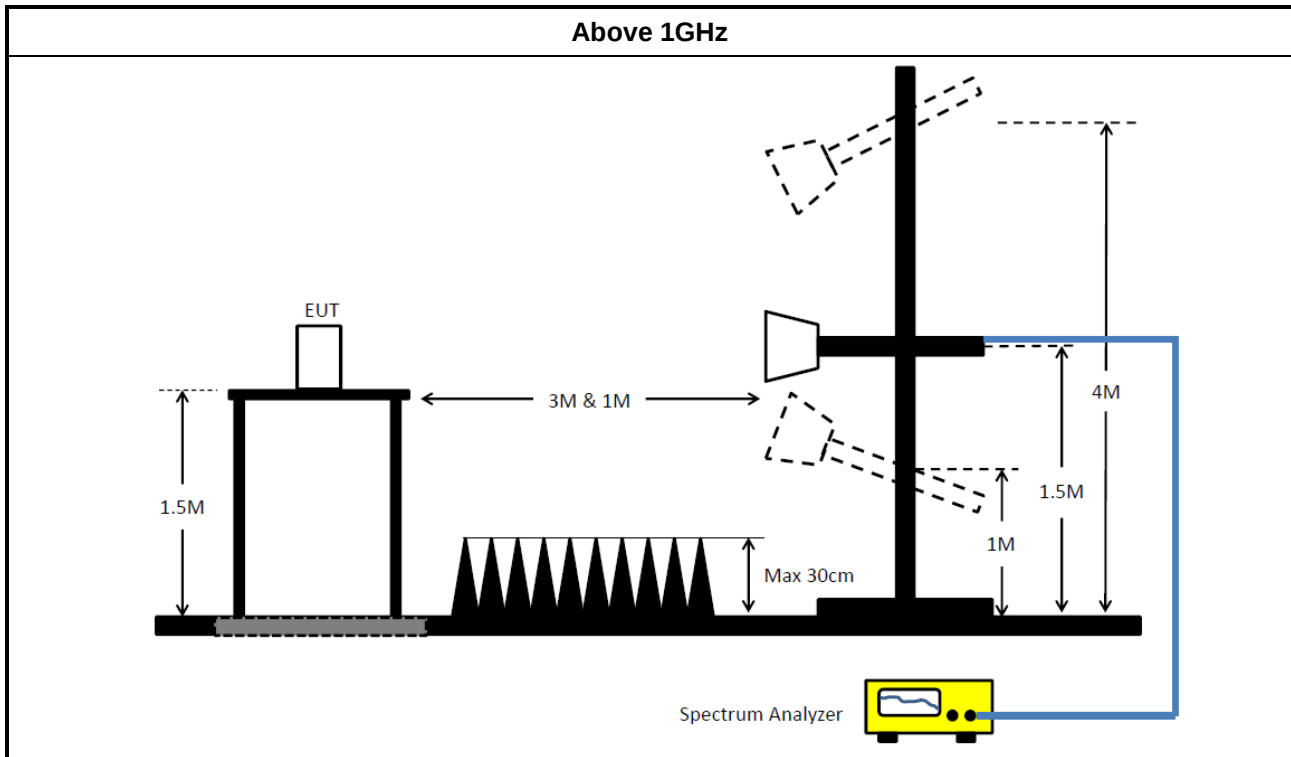
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

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
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	12/Sep/2019	11/Sep/2020
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	24/Sep/2019	23/Sep/2020

NCR: Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	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~18G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz ~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable - 05	30MHz~18G	11/Jan/2019	10/Jan/2020

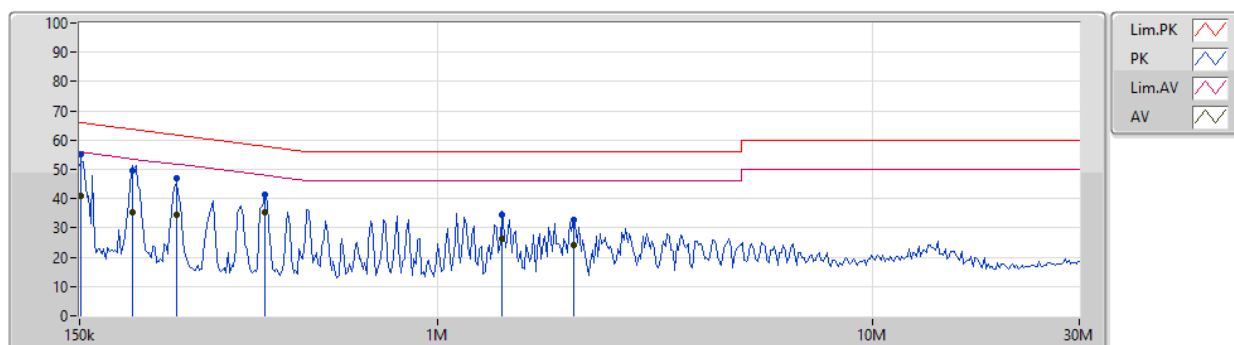
Instrument for Radiated Test

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	29/Aug/2019	28/Aug/2020
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	29/Aug/2019	28/Aug/2020
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	02/Jul/2019	01/Jul/2020
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	16/Oct/2019	15/Oct/2020
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	15/Aug/2019	14/Aug/2020
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Mar/2019	25/Mar/2020
RF Cable-high 6m	SUHNER	SUCOFLEX104	10567868 / SN805193/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	20/Mar/2020	19/Mar/2021
RF Cable-high 6m	SUHNER	SUCOFLEX104	10567868 / SN805193/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
RF Cable-high 7m	SUHNER	SUCOFLEX104	10567868 / SN805192/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	11/Oct/2019	10/Oct/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170339	18GHz ~ 40GHz	19/Apr/2019	18/Apr/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	03/Jun/2019	02/Jun/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	05/Aug/2019	04/Aug/2020
Loop Antenna	TESEQ	HLA 6120	24155	9kHz-30MHz	29/Mar/2019	28/Mar/2020
Loop Antenna	TESEQ	HLA 6120	31244	9kHz-30MHz	16/Mar/2020	15/Mar/2021

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter Mode ; PIFA Antenna		

29/10/2019

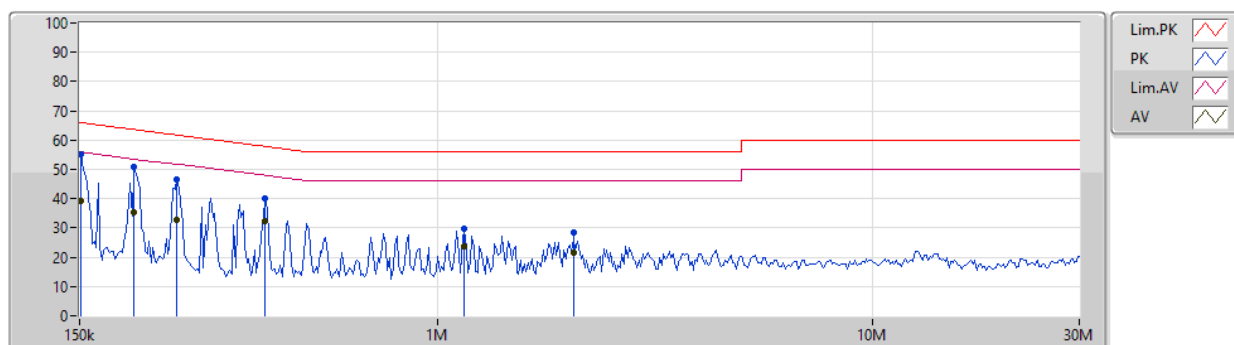


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.5k	55.17	65.92	-10.75	19.58	Neutral	"Worst"	35.59	9.60	0.11	9.87			
AV	151.5k	41.05	55.92	-14.87	19.58	Neutral	-	21.47	9.60	0.11	9.87			
QP	198.194k	49.44	63.69	-14.25	19.57	Neutral	-	29.87	9.59	0.11	9.87			
AV	198.194k	35.14	53.69	-18.55	19.57	Neutral	-	15.57	9.59	0.11	9.87			
QP	251.653k	46.89	61.70	-14.81	19.58	Neutral	-	27.31	9.59	0.12	9.87			
AV	251.653k	34.50	51.70	-17.20	19.58	Neutral	-	14.92	9.59	0.12	9.87			
QP	401.705k	41.59	57.82	-16.23	19.60	Neutral	-	21.99	9.59	0.13	9.88			
AV	401.705k	35.51	47.82	-12.31	19.60	Neutral	-	15.91	9.59	0.13	9.88			
QP	1.407M	34.56	56.00	-21.44	19.61	Neutral	-	14.95	9.60	0.13	9.88			
AV	1.407M	26.45	46.00	-19.55	19.61	Neutral	-	6.84	9.60	0.13	9.88			
QP	2.054M	32.80	56.00	-23.20	19.65	Neutral	-	13.15	9.61	0.15	9.89			
AV	2.054M	24.30	46.00	-21.70	19.65	Neutral	-	4.65	9.61	0.15	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter Mode ; PIFA Antenna		

29/10/2019

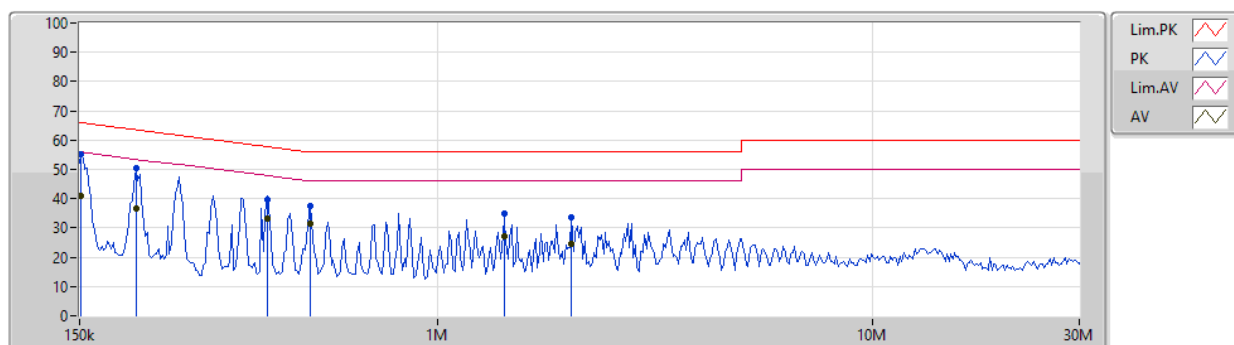


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.5k	54.99	65.92	-10.93	19.58	Line	"Worst"	35.41	9.60	0.11	9.87			
AV	151.5k	39.23	55.92	-16.69	19.58	Line	-	19.65	9.60	0.11	9.87			
QP	200.176k	50.67	63.61	-12.94	19.58	Line	-	31.09	9.60	0.11	9.87			
AV	200.176k	35.50	53.61	-18.11	19.58	Line	-	15.92	9.60	0.11	9.87			
QP	251.653k	46.72	61.70	-14.98	19.59	Line	-	27.13	9.60	0.12	9.87			
AV	251.653k	32.93	51.70	-18.77	19.59	Line	-	13.34	9.60	0.12	9.87			
QP	401.705k	40.11	57.82	-17.71	19.60	Line	-	20.51	9.59	0.13	9.88			
AV	401.705k	32.44	47.82	-15.38	19.60	Line	-	12.84	9.59	0.13	9.88			
QP	1.153M	29.63	56.00	-26.37	19.61	Line	-	10.02	9.61	0.12	9.88			
AV	1.153M	23.54	46.00	-22.46	19.61	Line	-	3.93	9.61	0.12	9.88			
QP	2.054M	28.57	56.00	-27.43	19.66	Line	-	8.91	9.62	0.15	9.89			
AV	2.054M	21.71	46.00	-24.29	19.66	Line	-	2.05	9.62	0.15	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Neutral
Operating Function	Adapter Mode ; Dipole Antenna		

29/10/2019

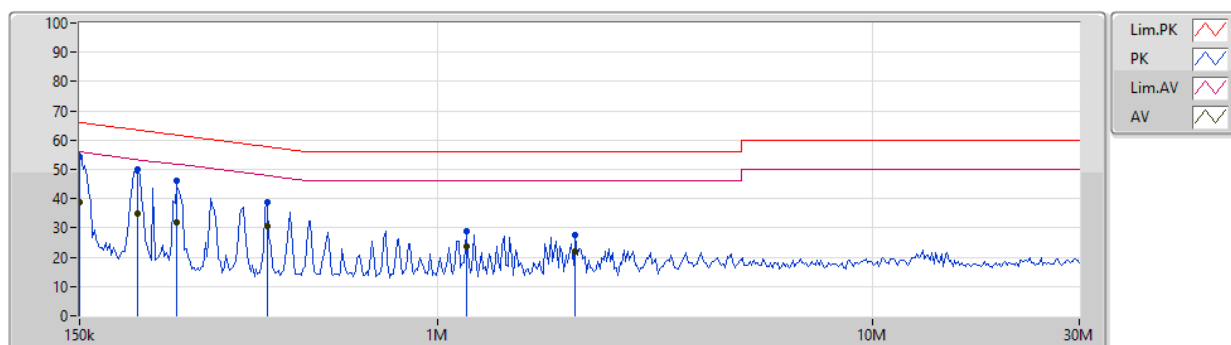


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.5k	55.34	65.92	-10.58	19.58	Neutral	"Worst"	35.76	9.60	0.11	9.87			
AV	151.5k	41.14	55.92	-14.78	19.58	Neutral	-	21.56	9.60	0.11	9.87			
QP	202.177k	50.41	63.51	-13.10	19.57	Neutral	-	30.84	9.59	0.11	9.87			
AV	202.177k	36.52	53.51	-16.99	19.57	Neutral	-	16.95	9.59	0.11	9.87			
QP	405.722k	39.60	57.74	-18.14	19.60	Neutral	-	20.00	9.59	0.13	9.88			
AV	405.722k	33.32	47.74	-14.42	19.60	Neutral	-	13.72	9.59	0.13	9.88			
QP	510.059k	37.53	56.00	-18.47	19.60	Neutral	-	17.93	9.59	0.13	9.88			
AV	510.059k	31.27	46.00	-14.73	19.60	Neutral	-	11.67	9.59	0.13	9.88			
QP	1.421M	34.85	56.00	-21.15	19.62	Neutral	-	15.23	9.60	0.13	9.89			
AV	1.421M	27.03	46.00	-18.97	19.62	Neutral	-	7.41	9.60	0.13	9.89			
QP	2.034M	33.67	56.00	-22.33	19.65	Neutral	-	14.02	9.61	0.15	9.89			
AV	2.034M	24.55	46.00	-21.45	19.65	Neutral	-	4.90	9.61	0.15	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Line
Operating Function	Adapter Mode ; Dipole Antenna		

29/10/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	54.51	66.00	-11.49	19.58	Line	"Worst"	34.93	9.60	0.11	9.87			
AV	150k	38.68	56.00	-17.32	19.58	Line	-	19.10	9.60	0.11	9.87			
QP	204.199k	50.13	63.44	-13.31	19.58	Line	-	30.55	9.60	0.11	9.87			
AV	204.199k	34.81	53.44	-18.63	19.58	Line	-	15.23	9.60	0.11	9.87			
QP	251.653k	45.98	61.70	-15.72	19.59	Line	-	26.39	9.60	0.12	9.87			
AV	251.653k	31.70	51.70	-20.00	19.59	Line	-	12.11	9.60	0.12	9.87			
QP	405.722k	38.81	57.74	-18.93	19.60	Line	-	19.21	9.59	0.13	9.88			
AV	405.722k	30.74	47.74	-17.00	19.60	Line	-	11.14	9.59	0.13	9.88			
QP	1.165M	28.99	56.00	-27.01	19.61	Line	-	9.38	9.61	0.12	9.88			
AV	1.165M	23.88	46.00	-22.12	19.61	Line	-	4.27	9.61	0.12	9.88			
QP	2.075M	27.63	56.00	-28.37	19.66	Line	-	7.97	9.62	0.15	9.89			
AV	2.075M	22.09	46.00	-23.91	19.66	Line	-	2.43	9.62	0.15	9.89			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10.075M	14.868M	14M9G1D	10.025M	14.768M
802.11g_Nss1,(6Mbps)_2TX	16.525M	16.467M	16M5D1D	16.375M	16.417M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	17.541M	17M5D1D	17.55M	17.491M
802.11n HT40_Nss1,(MCS0)_2TX	36.4M	36.132M	36M1D1D	36.35M	35.982M

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

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

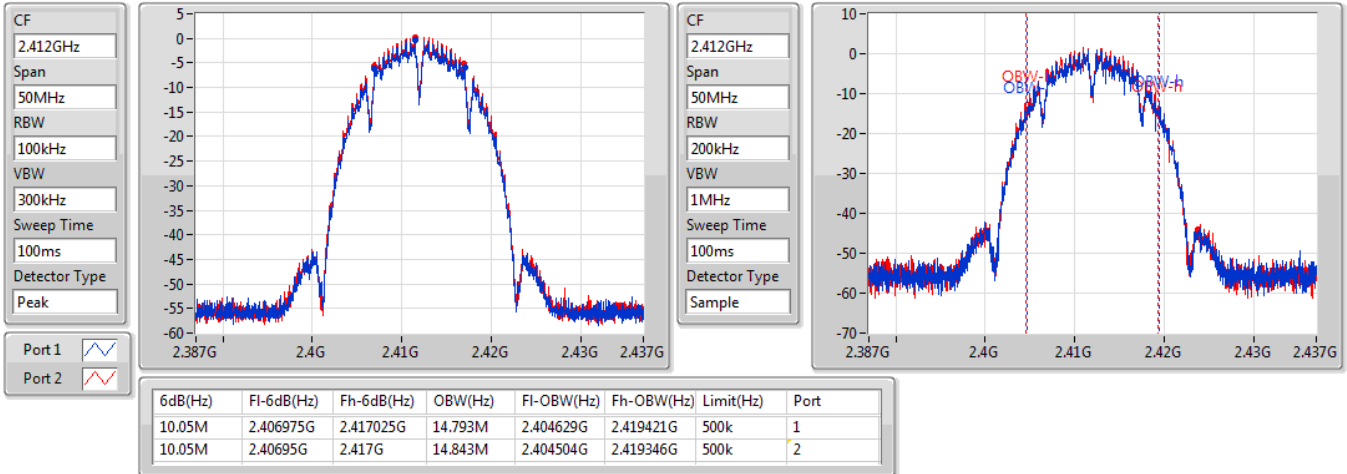
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	10.05M	14.793M	10.05M	14.843M
2437MHz_TnomVnom	Pass	500k	10.05M	14.768M	10.05M	14.868M
2462MHz_TnomVnom	Pass	500k	10.075M	14.793M	10.025M	14.768M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.425M	16.417M	16.375M	16.467M
2437MHz_TnomVnom	Pass	500k	16.475M	16.442M	16.525M	16.442M
2462MHz_TnomVnom	Pass	500k	16.45M	16.467M	16.425M	16.417M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.575M	17.541M	17.575M	17.516M
2437MHz_TnomVnom	Pass	500k	17.575M	17.516M	17.55M	17.516M
2462MHz_TnomVnom	Pass	500k	17.575M	17.491M	17.575M	17.516M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	36.4M	36.032M	36.4M	35.982M
2437MHz_TnomVnom	Pass	500k	36.35M	36.132M	36.4M	36.132M
2452MHz_TnomVnom	Pass	500k	36.4M	36.032M	36.4M	36.082M

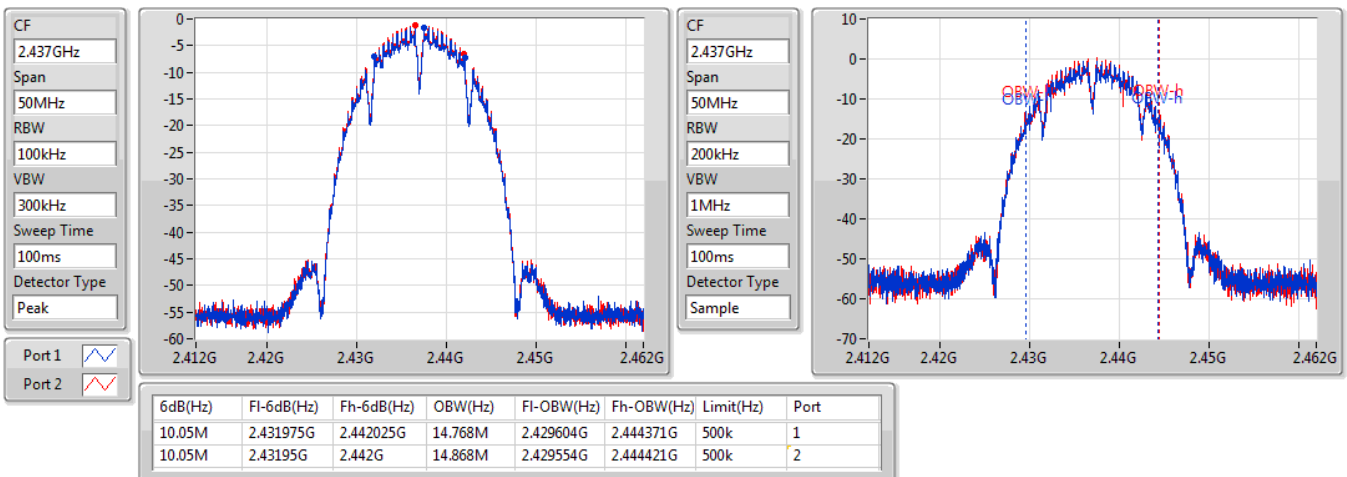
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

26/10/2019

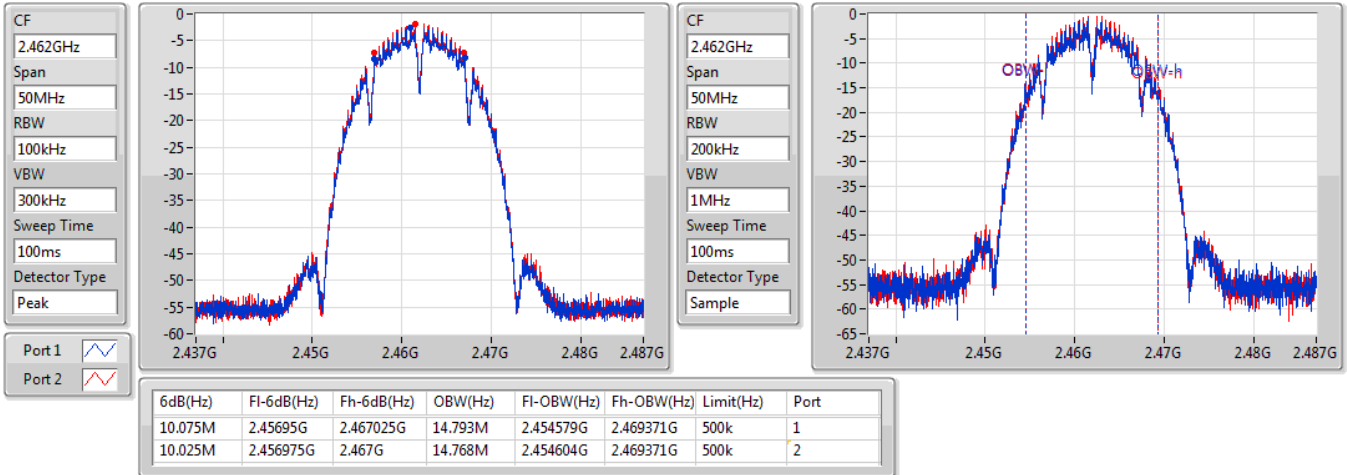

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

26/10/2019

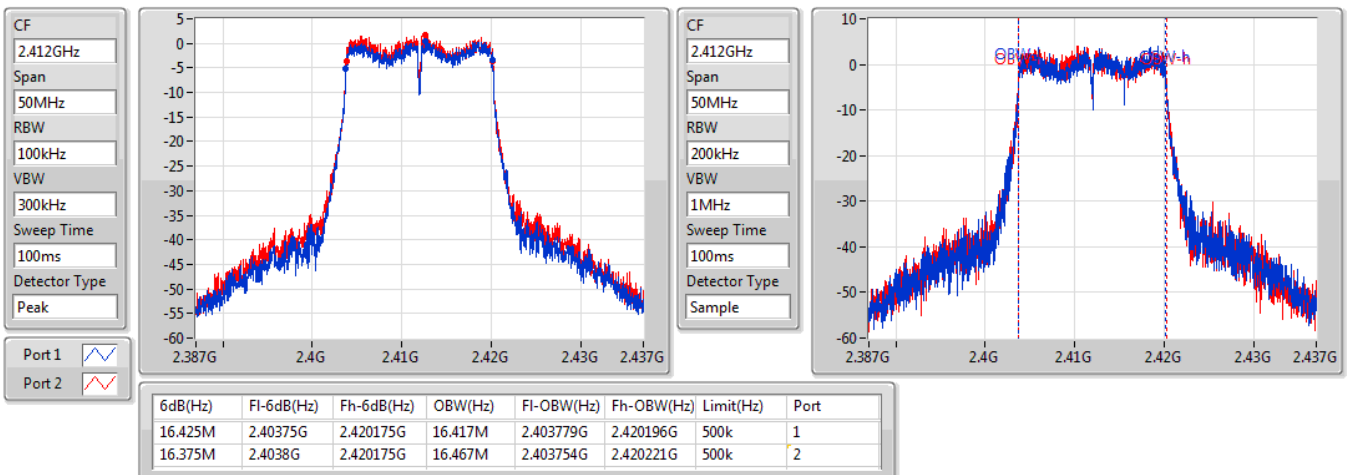


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

26/10/2019

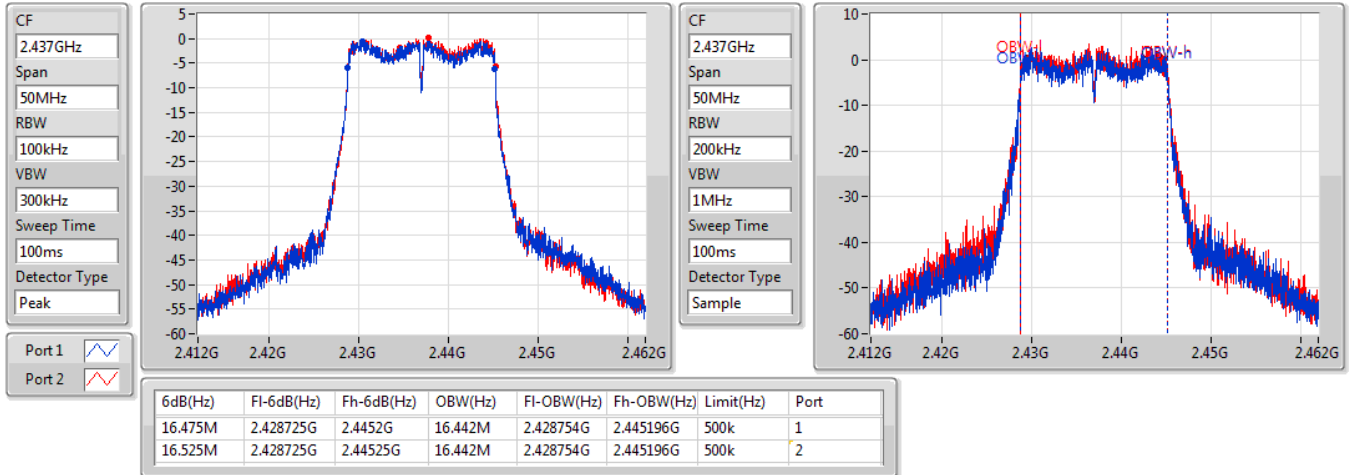

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

26/10/2019

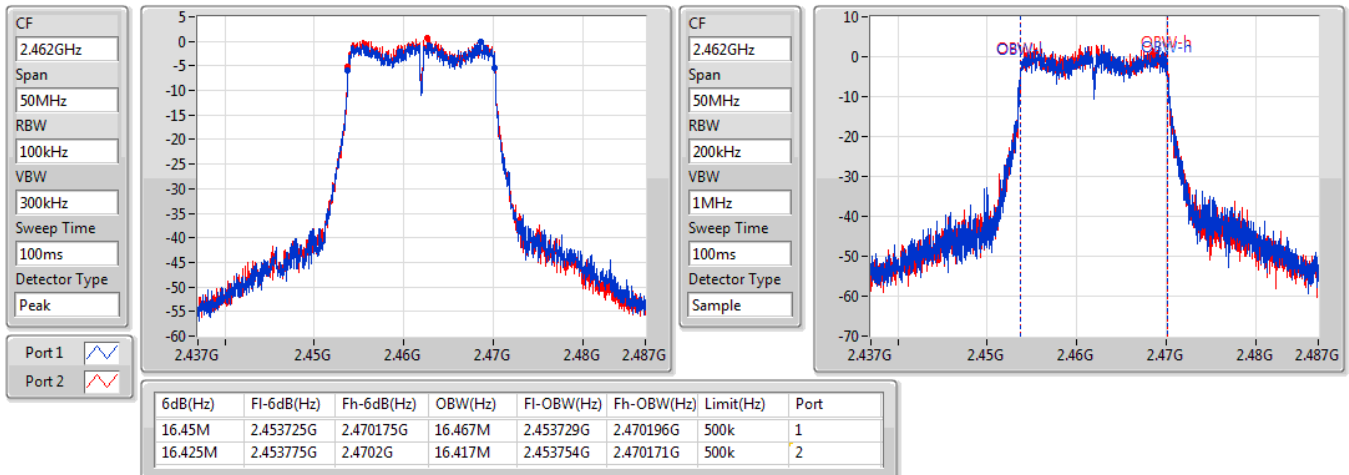


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

26/10/2019

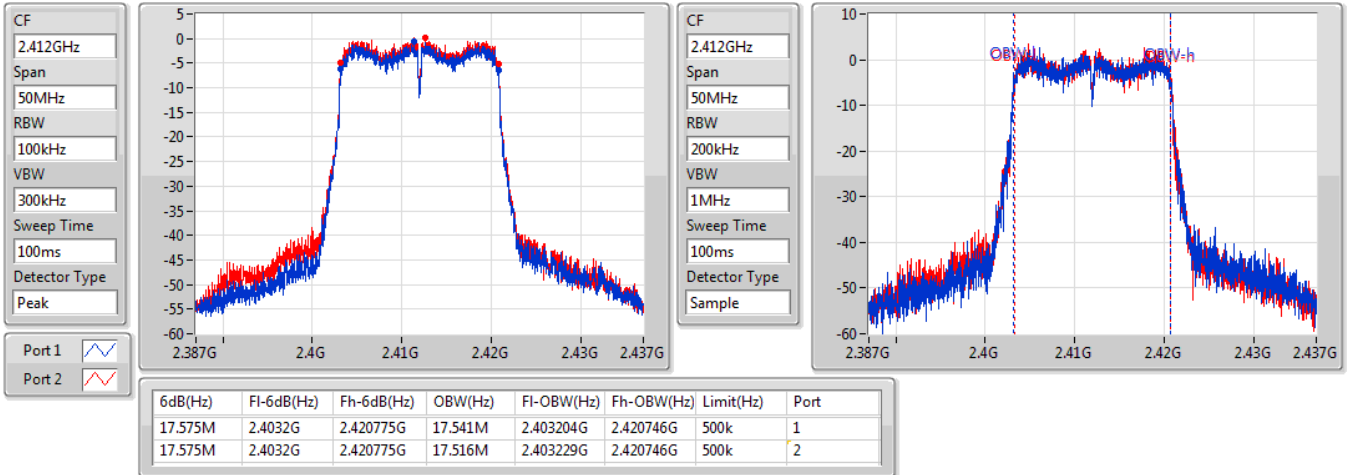

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

26/10/2019

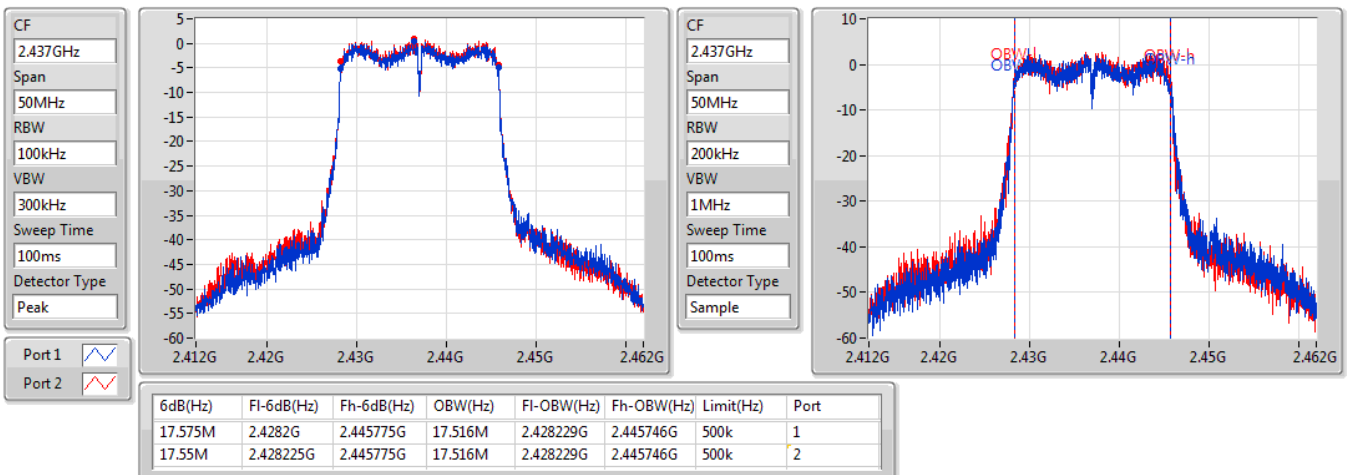


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

26/10/2019

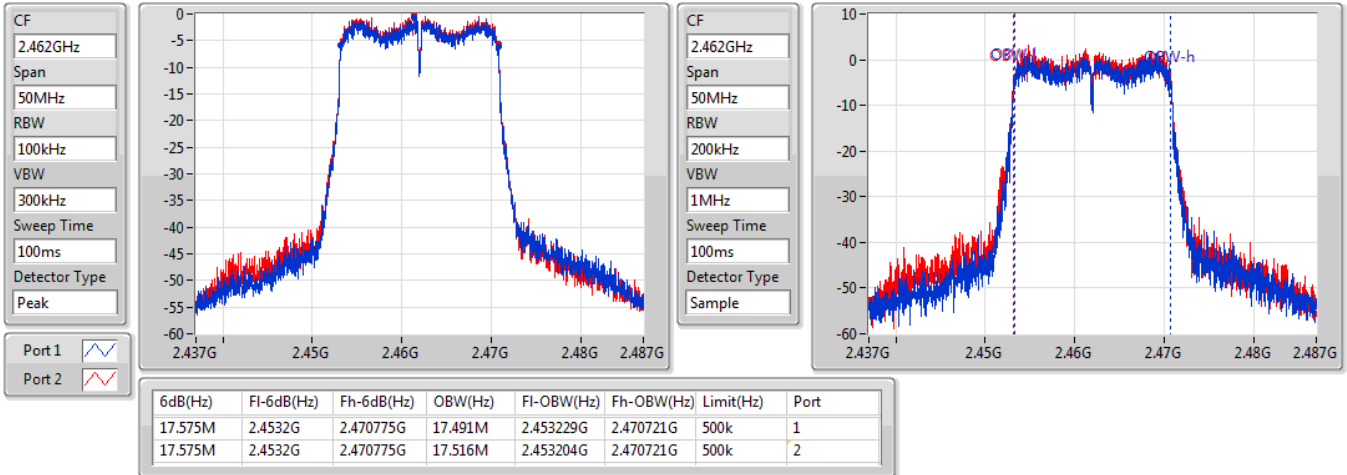

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

26/10/2019

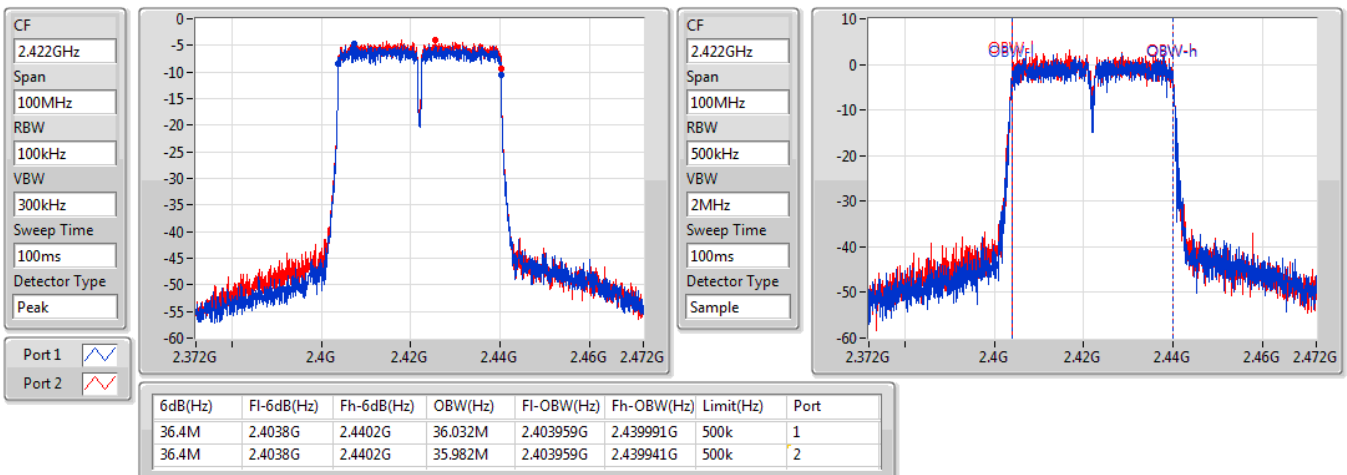


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

26/10/2019

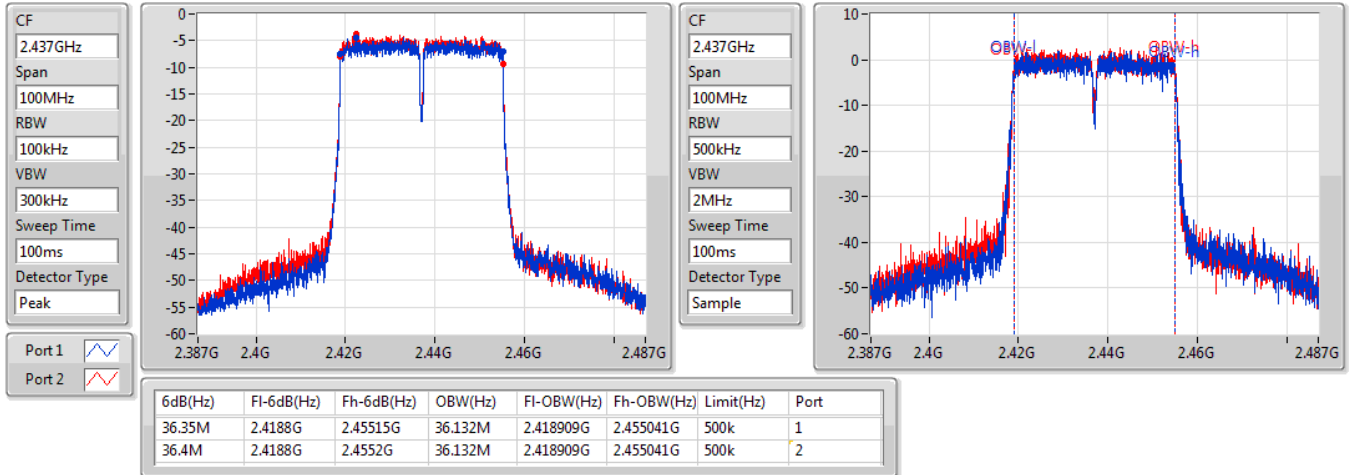

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

26/10/2019

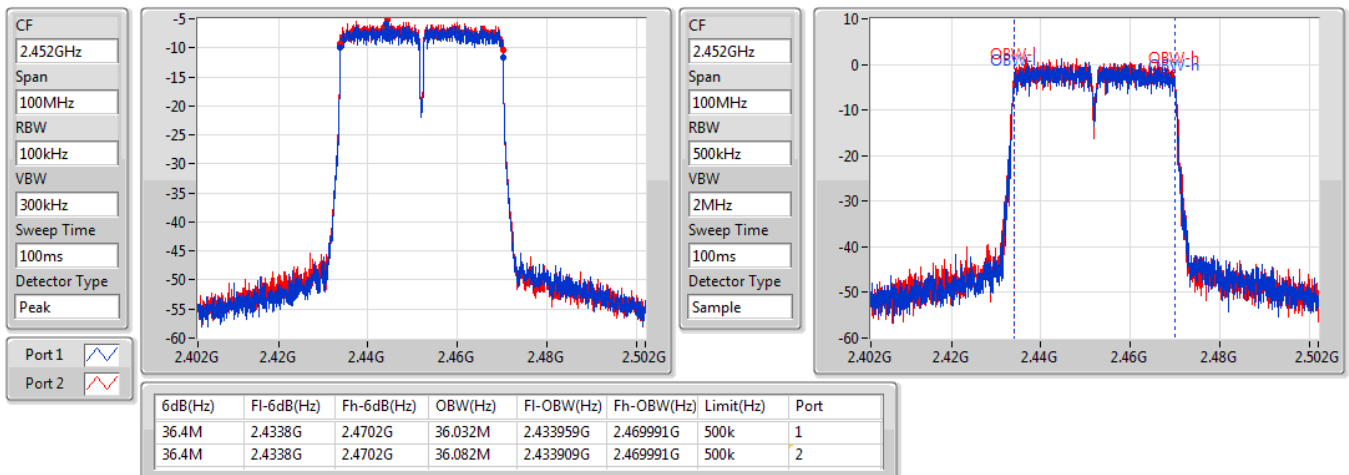


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

26/10/2019


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

26/10/2019



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)_2TX	10.05M	14.893M	14M9G1D	10.025M	14.718M
802.11g_Nss1,(6Mbps)_2TX	16.45M	16.667M	16M7D1D	16.375M	16.417M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	17.716M	17M7D1D	17.575M	17.516M
802.11n HT40_Nss1,(MCS0)_2TX	36.45M	36.132M	36M1D1D	36.35M	36.082M

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

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

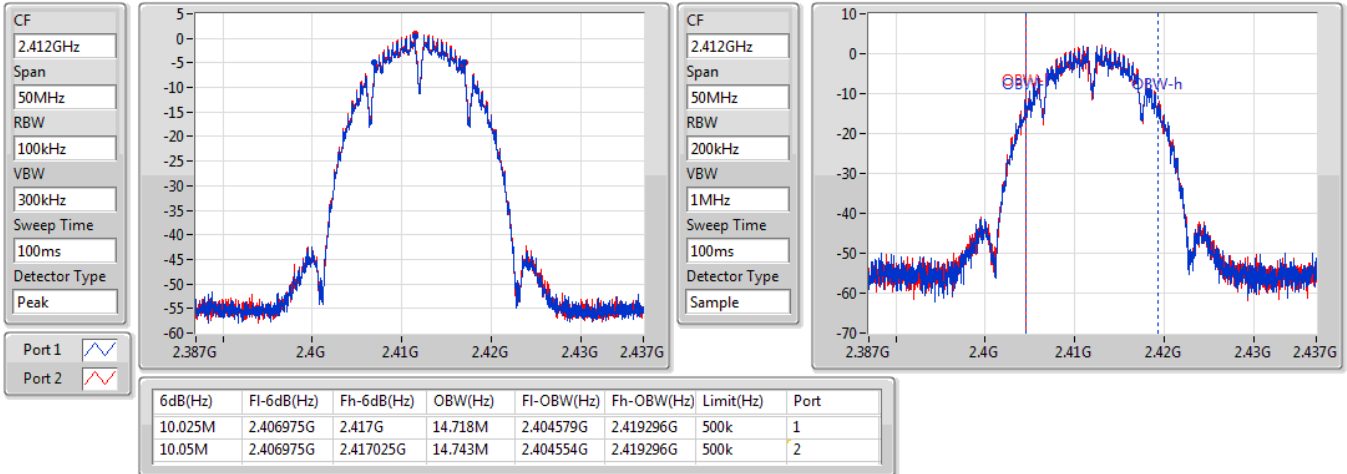
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	10.025M	14.718M	10.05M	14.743M
2437MHz_TnomVnom	Pass	500k	10.05M	14.718M	10.05M	14.868M
2462MHz_TnomVnom	Pass	500k	10.05M	14.768M	10.05M	14.893M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.425M	16.492M	16.4M	16.492M
2437MHz_TnomVnom	Pass	500k	16.45M	16.642M	16.375M	16.667M
2462MHz_TnomVnom	Pass	500k	16.45M	16.467M	16.4M	16.417M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.575M	17.516M	17.575M	17.541M
2437MHz_TnomVnom	Pass	500k	17.575M	17.691M	17.575M	17.716M
2462MHz_TnomVnom	Pass	500k	17.575M	17.516M	17.575M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	36.45M	36.082M	36.4M	36.082M
2437MHz_TnomVnom	Pass	500k	36.4M	36.082M	36.4M	36.082M
2452MHz_TnomVnom	Pass	500k	36.35M	36.132M	36.45M	36.132M

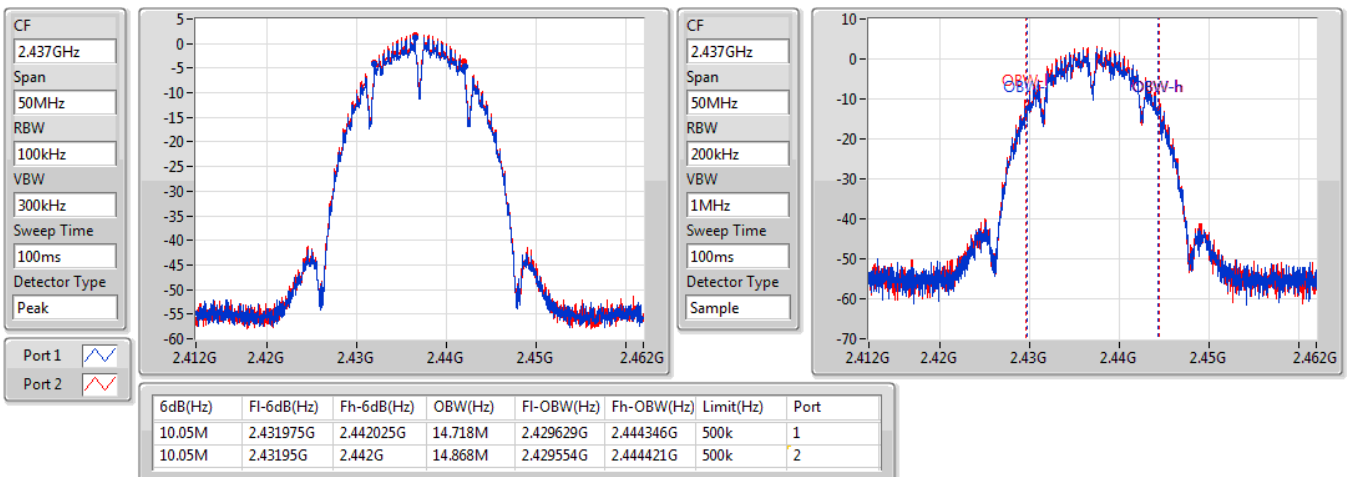
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

26/10/2019

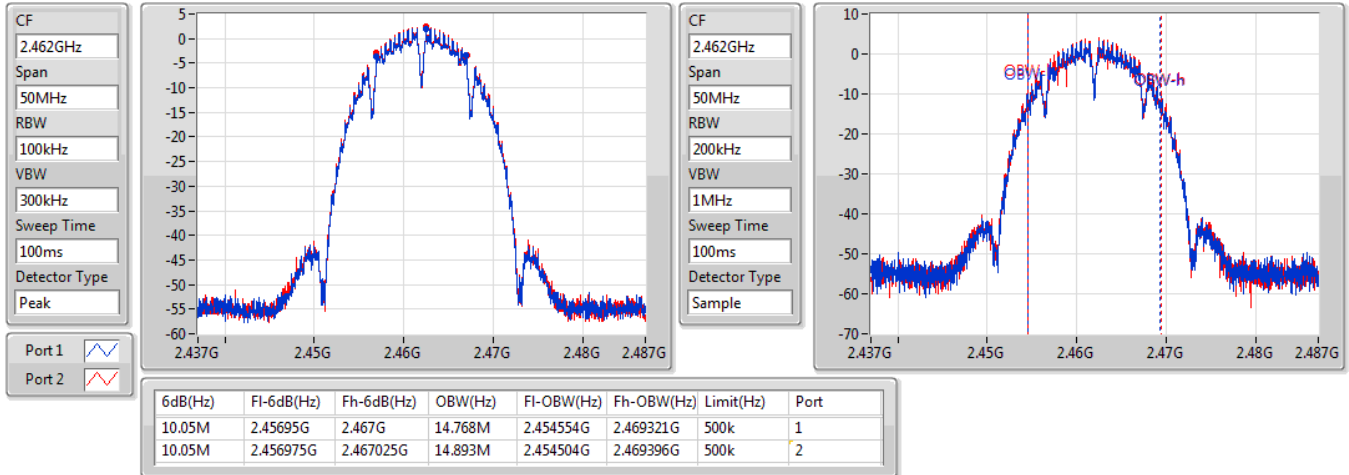

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

26/10/2019

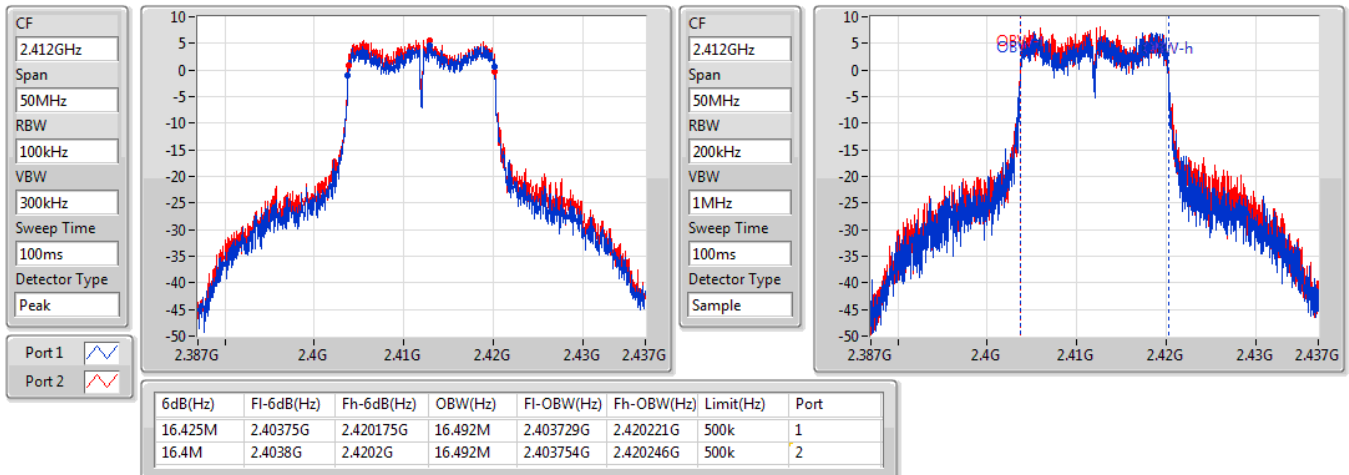


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

26/10/2019

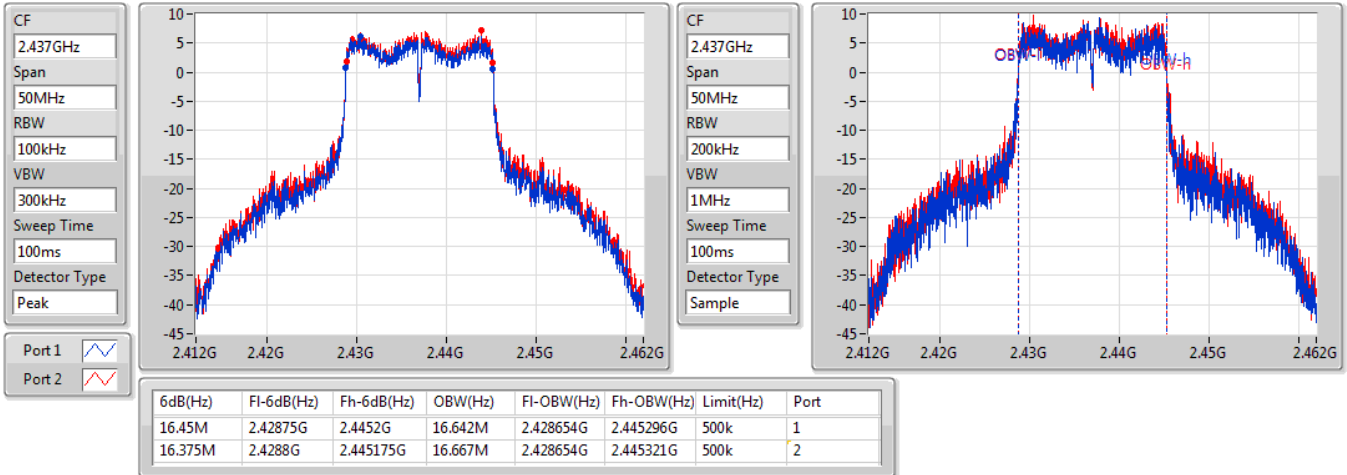

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

26/10/2019

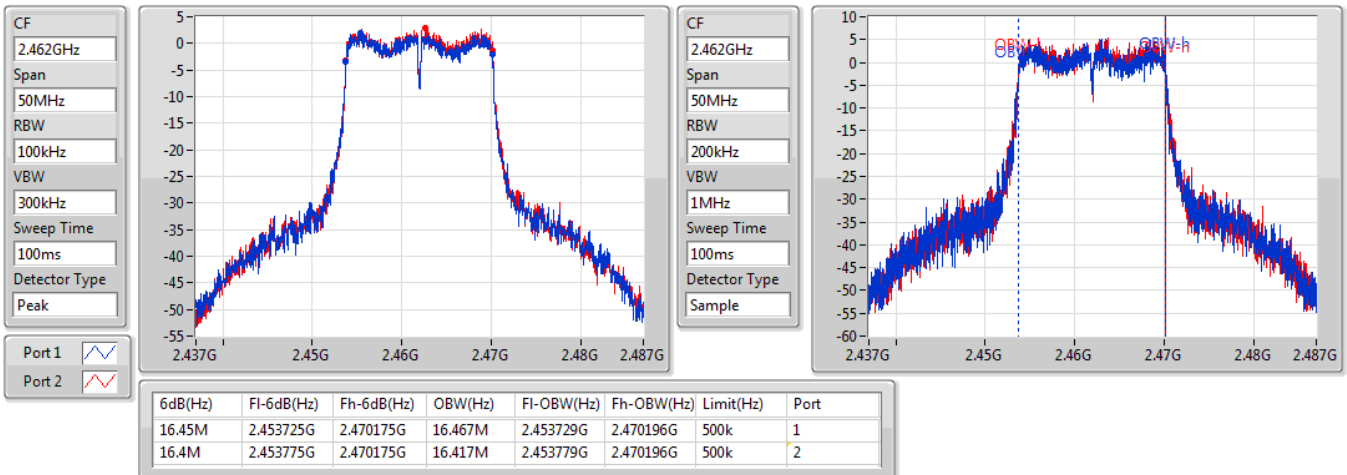


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

26/10/2019

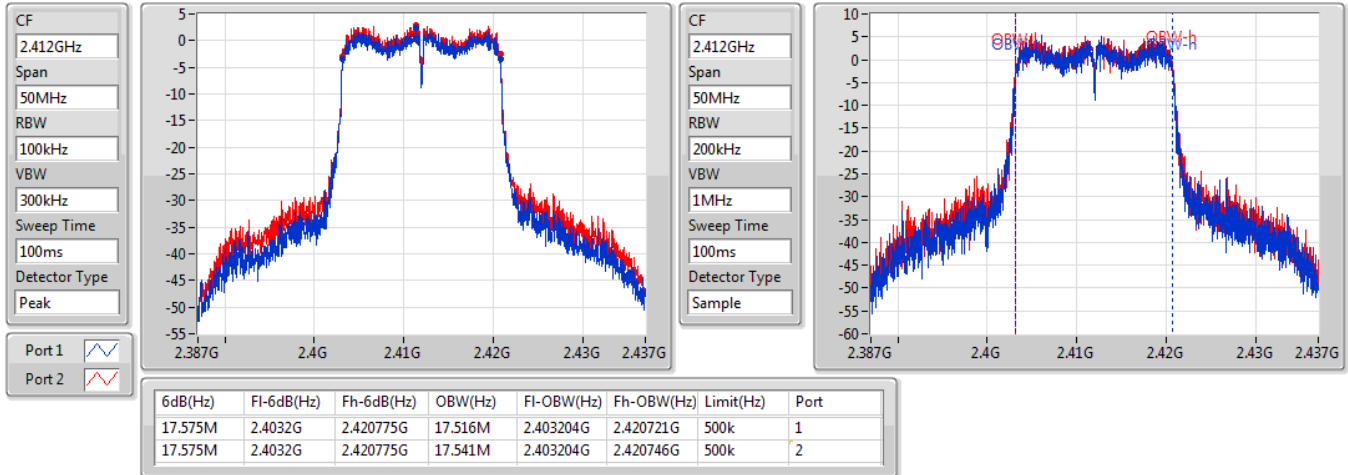

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

26/10/2019

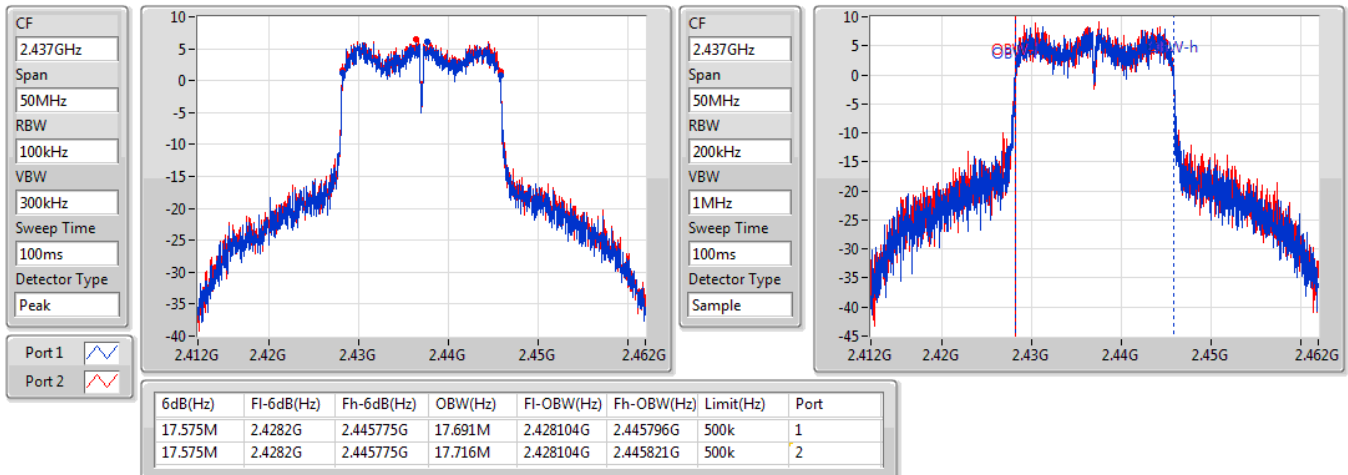


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

26/10/2019

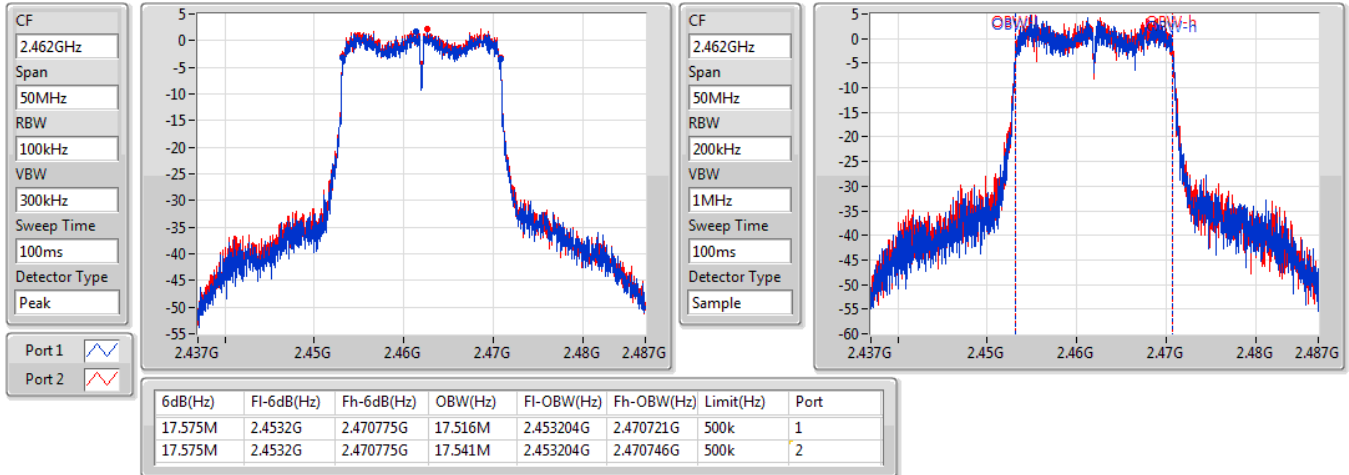

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

26/10/2019

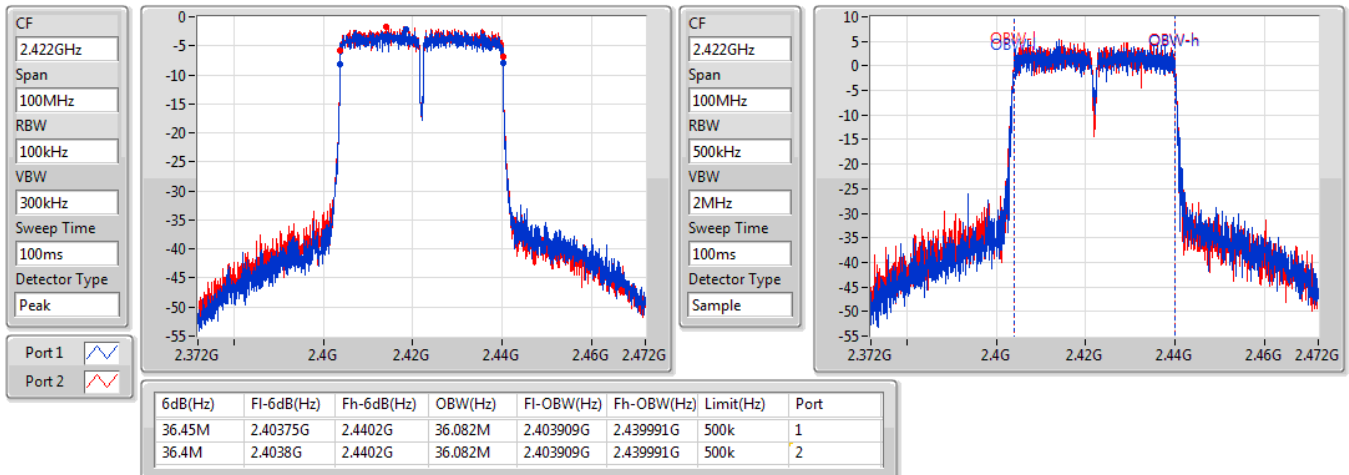


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

26/10/2019


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

26/10/2019

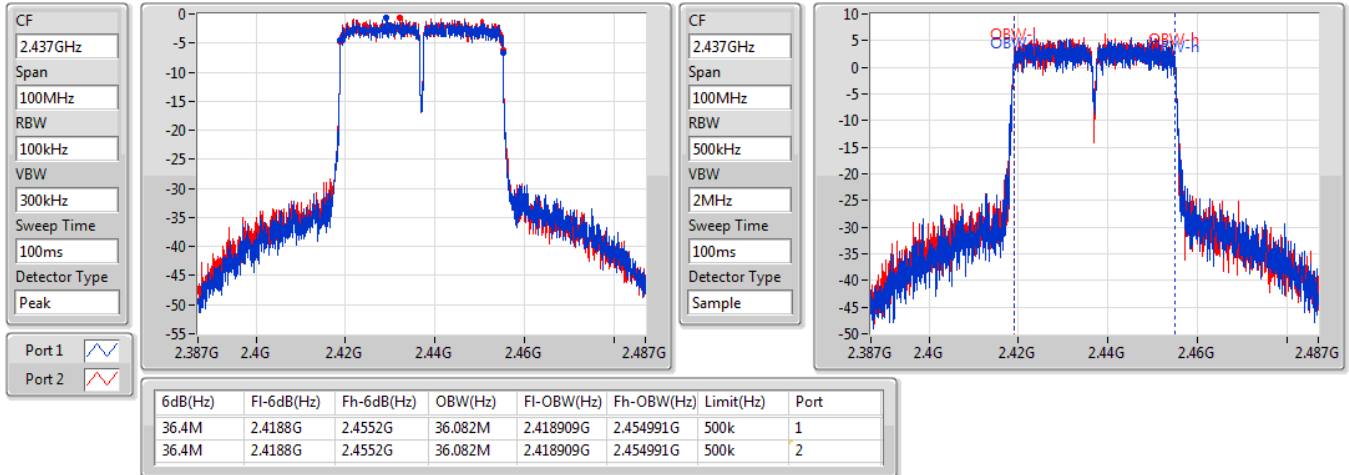


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

26/10/2019

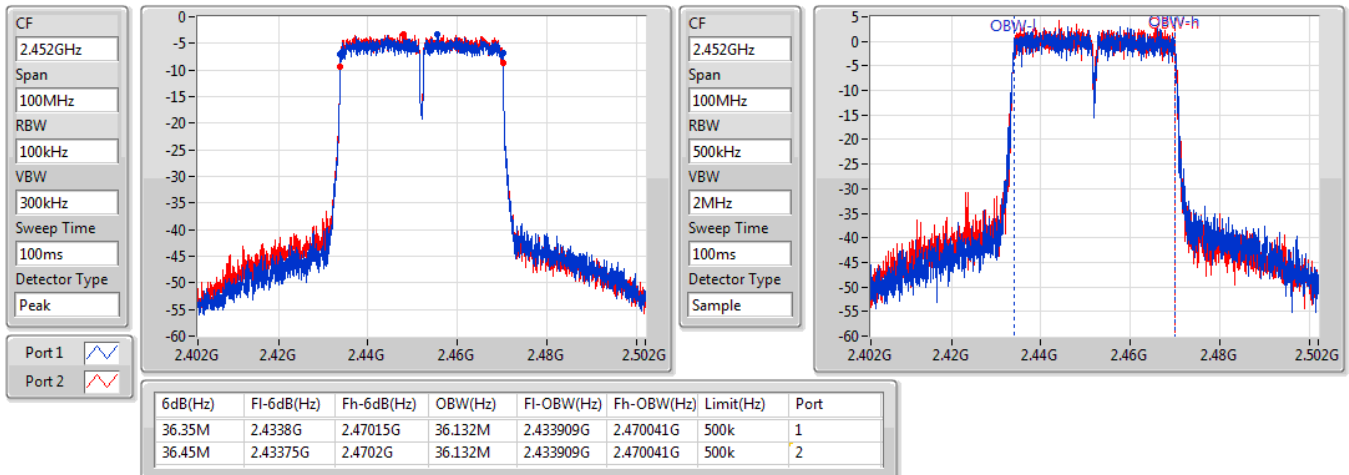


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

26/10/2019





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	13.77	0.02382
802.11g_Nss1,(6Mbps)_2TX	18.58	0.07211
802.11n HT20_Nss1,(MCS0)_2TX	18.06	0.06397
802.11n HT40_Nss1,(MCS0)_2TX	17.44	0.05546

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.92	10.53	10.98	13.77	30.00
2437MHz_TnomVnom	Pass	2.92	9.39	9.79	12.60	30.00
2457MHz_TnomVnom	Pass	2.92	8.74	9.27	12.02	30.00
2462MHz_TnomVnom	Pass	2.92	8.23	8.73	11.50	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.92	15.31	15.82	18.58	30.00
2437MHz_TnomVnom	Pass	2.92	14.60	15.10	17.87	30.00
2462MHz_TnomVnom	Pass	2.92	14.33	14.84	17.60	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.92	14.57	15.00	17.80	30.00
2417MHz_TnomVnom	Pass	2.92	14.71	15.11	17.92	30.00
2437MHz_TnomVnom	Pass	2.92	14.81	15.27	18.06	30.00
2457MHz_TnomVnom	Pass	2.92	14.46	14.94	17.72	30.00
2462MHz_TnomVnom	Pass	2.92	14.20	14.71	17.47	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.92	13.44	14.08	16.78	30.00
2427MHz_TnomVnom	Pass	2.92	13.85	14.38	17.13	30.00
2437MHz_TnomVnom	Pass	2.92	14.10	14.73	17.44	30.00
2447MHz_TnomVnom	Pass	2.92	12.76	13.27	16.03	30.00
2452MHz_TnomVnom	Pass	2.92	12.31	12.80	15.57	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)_2TX	16.04	0.04018
802.11g_Nss1,(6Mbps)_2TX	23.83	0.24155
802.11n HT20_Nss1,(MCS0)_2TX	23.67	0.23281
802.11n HT40_Nss1,(MCS0)_2TX	20.65	0.11614

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.68	11.18	11.59	14.40	30.00
2417MHz_TnomVnom	Pass	4.68	12.14	12.42	15.29	30.00
2437MHz_TnomVnom	Pass	4.68	12.16	12.51	15.35	30.00
2462MHz_TnomVnom	Pass	4.68	12.85	13.21	16.04	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.68	19.19	19.63	22.43	30.00
2417MHz_TnomVnom	Pass	4.68	20.60	20.88	23.75	30.00
2437MHz_TnomVnom	Pass	4.68	20.67	20.96	23.83	30.00
2457MHz_TnomVnom	Pass	4.68	20.38	20.79	23.60	30.00
2462MHz_TnomVnom	Pass	4.68	16.56	17.07	19.83	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.68	16.91	17.41	20.18	30.00
2417MHz_TnomVnom	Pass	4.68	19.91	20.25	23.09	30.00
2437MHz_TnomVnom	Pass	4.68	20.47	20.85	23.67	30.00
2457MHz_TnomVnom	Pass	4.68	18.80	19.20	22.01	30.00
2462MHz_TnomVnom	Pass	4.68	16.49	17.02	19.77	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.68	15.91	16.37	19.16	30.00
2427MHz_TnomVnom	Pass	4.68	16.46	16.92	19.71	30.00
2437MHz_TnomVnom	Pass	4.68	17.40	17.86	20.65	30.00
2447MHz_TnomVnom	Pass	4.68	15.44	15.97	18.72	30.00
2452MHz_TnomVnom	Pass	4.68	14.42	14.94	17.70	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-13.61
802.11g_Nss1,(6Mbps)_2TX	-8.10
802.11n HT20_Nss1,(MCS0)_2TX	-8.66
802.11n HT40_Nss1,(MCS0)_2TX	-13.61

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.76	-16.81	-16.16	-13.61	8.00
2437MHz_TnomVnom	Pass	5.76	-17.86	-17.60	-14.82	8.00
2462MHz_TnomVnom	Pass	5.76	-18.59	-18.10	-15.34	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.76	-10.84	-10.23	-8.10	8.00
2437MHz_TnomVnom	Pass	5.76	-12.04	-11.58	-9.25	8.00
2462MHz_TnomVnom	Pass	5.76	-12.30	-12.02	-9.19	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.76	-11.96	-12.04	-9.07	8.00
2437MHz_TnomVnom	Pass	5.76	-11.83	-11.43	-8.66	8.00
2462MHz_TnomVnom	Pass	5.76	-12.53	-12.05	-9.53	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	5.76	-17.00	-16.58	-14.25	8.00
2437MHz_TnomVnom	Pass	5.76	-16.43	-16.05	-13.61	8.00
2452MHz_TnomVnom	Pass	5.76	-17.58	-17.47	-15.45	8.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

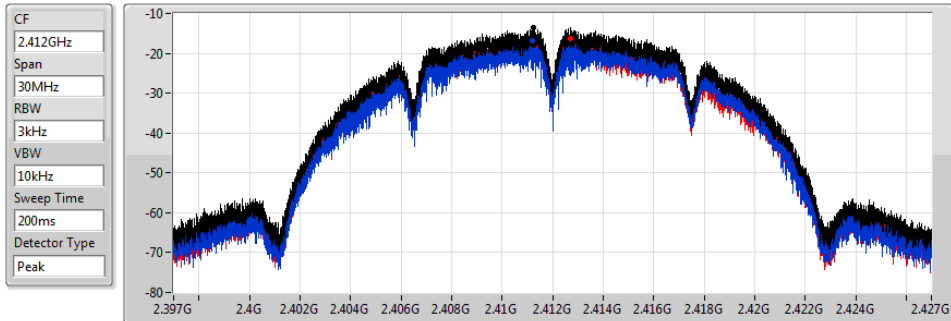
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

26/10/2019



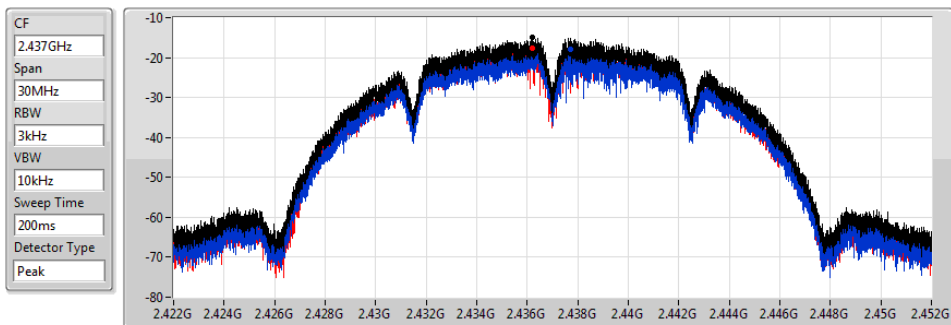
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-13.61	-13.61	-16.81	-16.16

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

26/10/2019



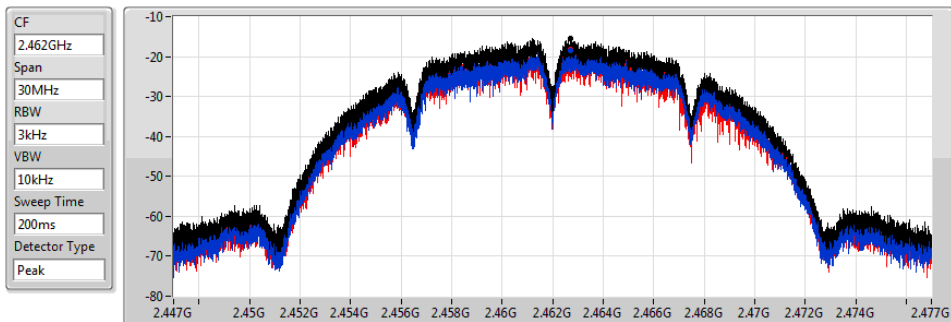
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-14.82	-14.82	-17.86	-17.60

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

26/10/2019



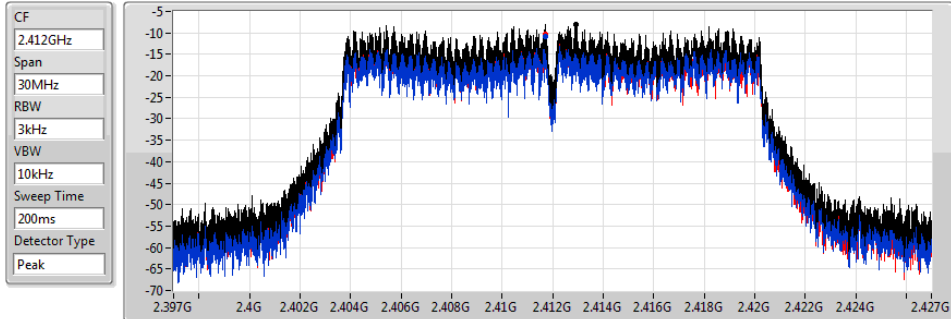
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.34	-15.34	-18.59	-18.10

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

26/10/2019



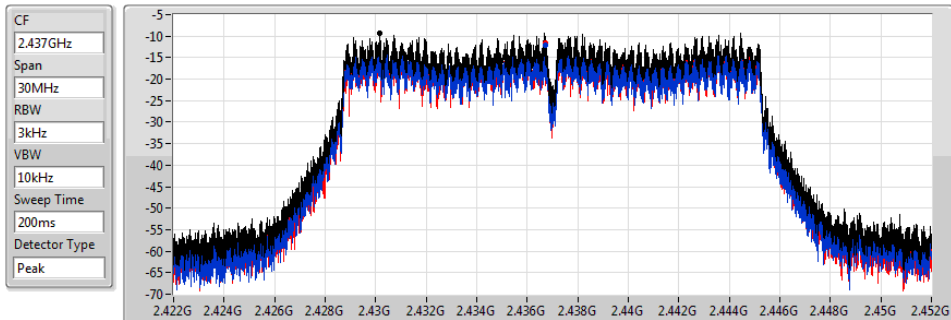
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.10	-8.10	-10.84	-10.23

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

26/10/2019



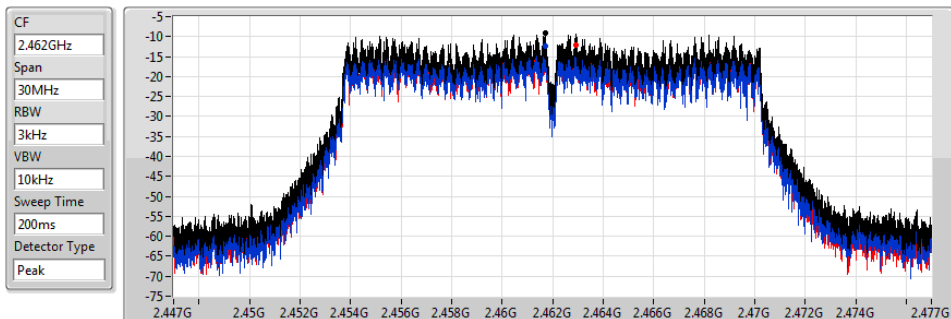
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.25	-9.25	-12.04	-11.58

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

26/10/2019



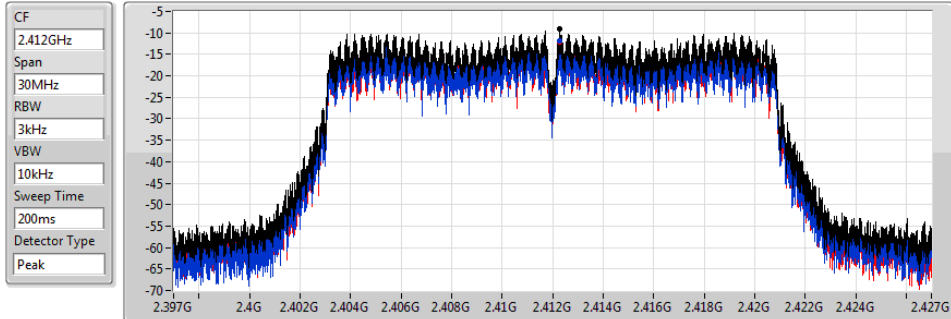
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.19	-9.19	-12.30	-12.02

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

26/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.07	-9.07	-11.96	-12.04

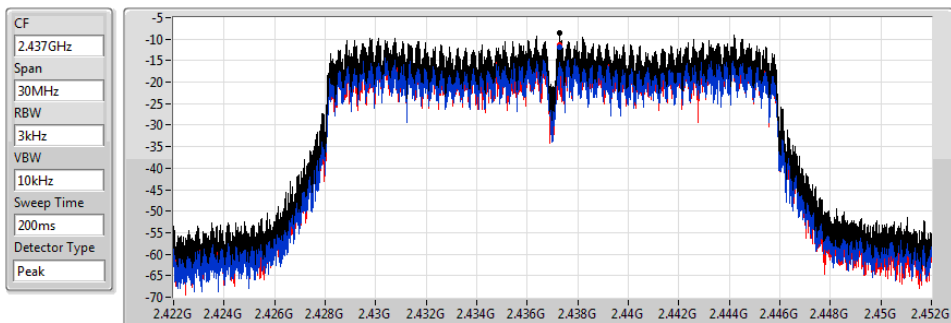
Sum	
Port 1	
Port 2	

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

26/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.66	-8.66	-11.83	-11.43

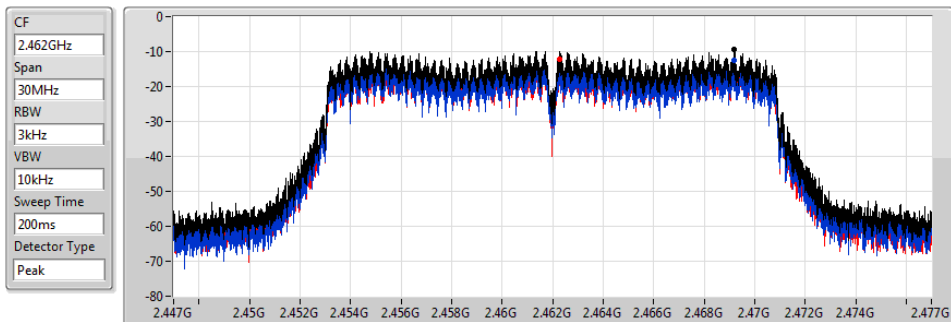
Sum	
Port 1	
Port 2	

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

26/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.53	-9.53	-12.53	-12.05

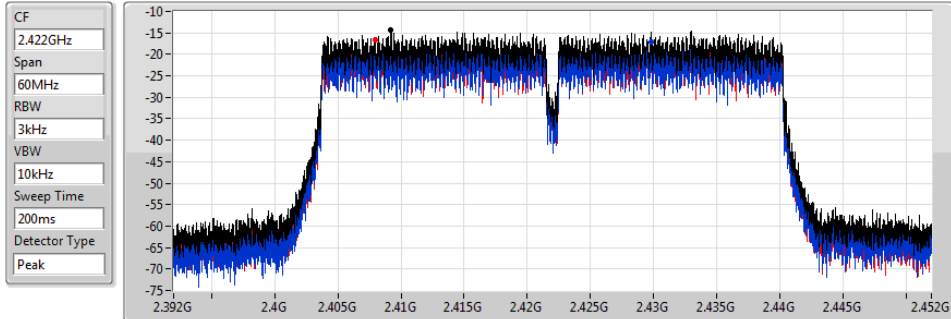
Sum	
Port 1	
Port 2	

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

26/10/2019



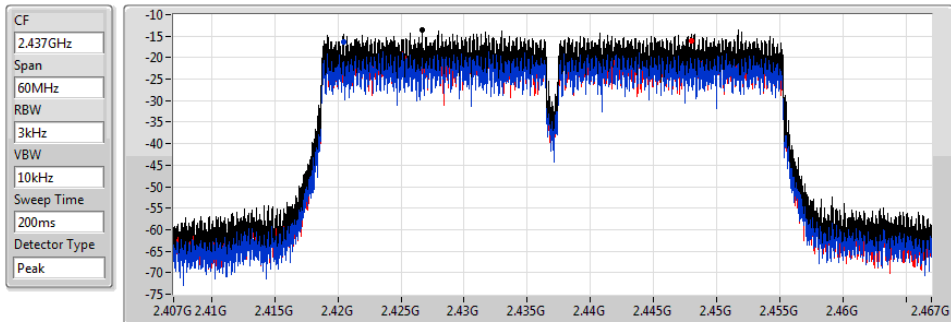
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-14.25	-14.25	-17.00	-16.58

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

26/10/2019



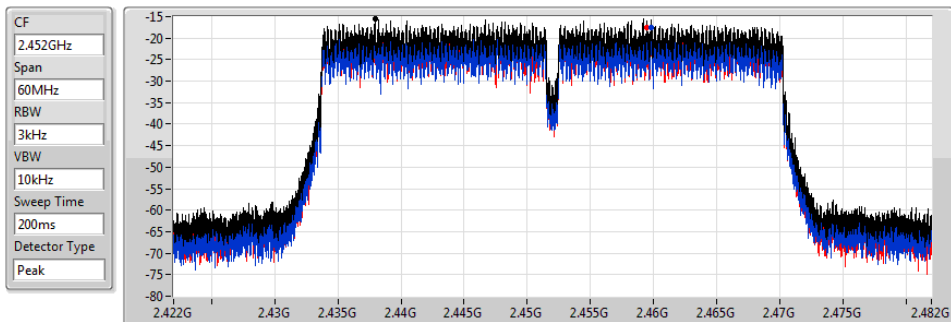
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-13.61	-13.61	-16.43	-16.05

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

26/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.45	-15.45	-17.58	-17.47



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-11.19
802.11g_Nss1,(6Mbps)_2TX	-2.58
802.11n HT20_Nss1,(MCS0)_2TX	-2.79
802.11n HT40_Nss1,(MCS0)_2TX	-10.37

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.69	-15.85	-15.34	-12.64	6.31
2437MHz_TnomVnom	Pass	7.69	-14.95	-14.44	-11.71	6.31
2462MHz_TnomVnom	Pass	7.69	-14.16	-14.03	-11.19	6.31
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.69	-7.55	-7.82	-4.73	6.31
2437MHz_TnomVnom	Pass	7.69	-5.73	-5.40	-2.58	6.31
2462MHz_TnomVnom	Pass	7.69	-9.73	-9.94	-7.54	6.31
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.69	-9.89	-9.76	-7.11	6.31
2437MHz_TnomVnom	Pass	7.69	-5.95	-5.65	-2.79	6.31
2462MHz_TnomVnom	Pass	7.69	-10.60	-9.54	-7.03	6.31
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	7.69	-14.04	-13.41	-11.67	6.31
2437MHz_TnomVnom	Pass	7.69	-13.24	-12.55	-10.37	6.31
2452MHz_TnomVnom	Pass	7.69	-15.79	-15.25	-12.86	6.31

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

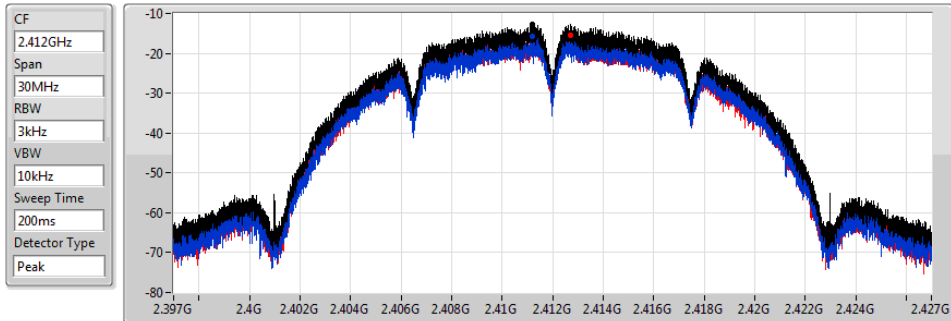
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

26/10/2019



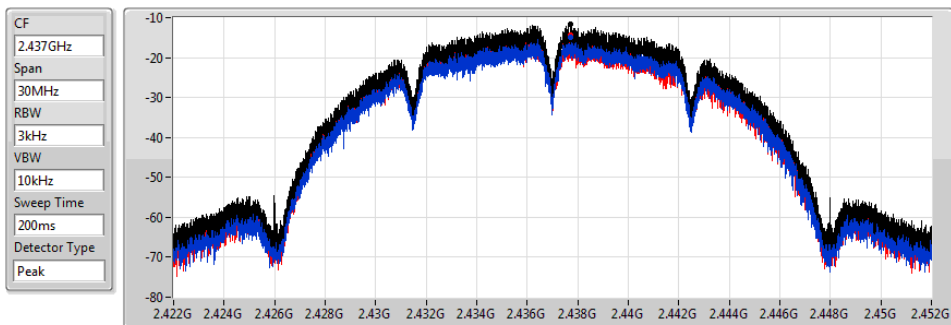
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.64	-12.64	-15.85	-15.34

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

26/10/2019



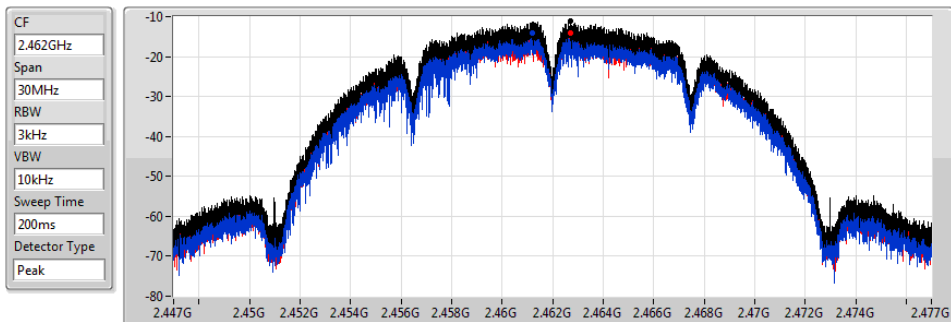
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.71	-11.71	-14.95	-14.44

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

26/10/2019



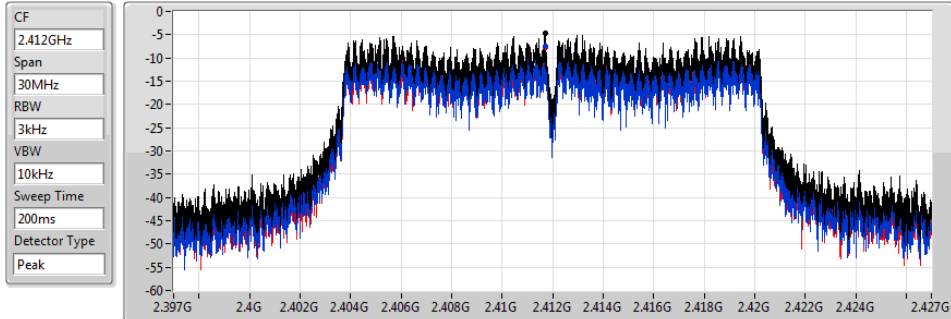
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.19	-11.19	-14.16	-14.03

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

26/10/2019



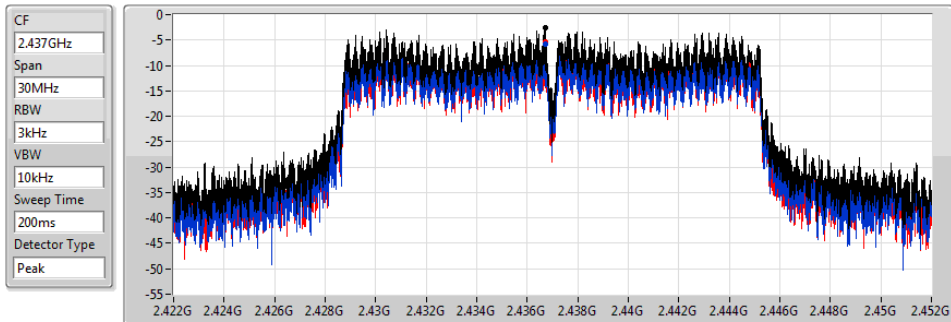
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-4.73	-4.73	-7.55	-7.82

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

26/10/2019



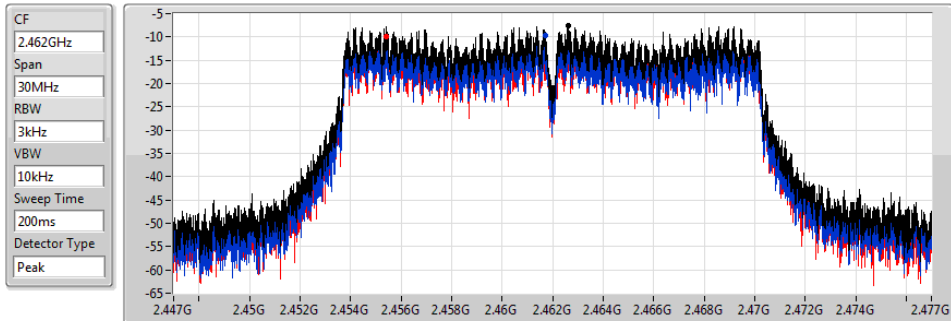
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-2.58	-2.58	-5.73	-5.40

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

26/10/2019



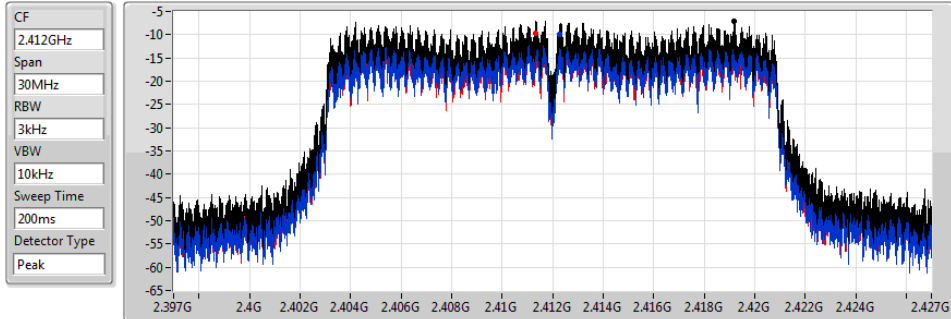
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
-7.54	-7.54	-9.73	-9.94

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

PSD

26/10/2019



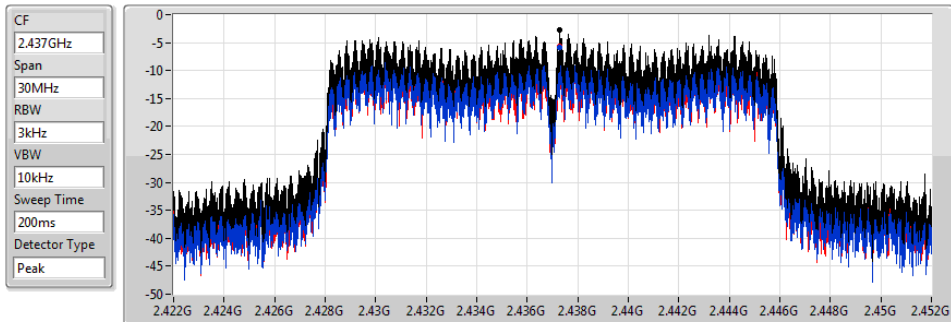
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.11	-7.11	-9.89	-9.76

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

PSD

26/10/2019



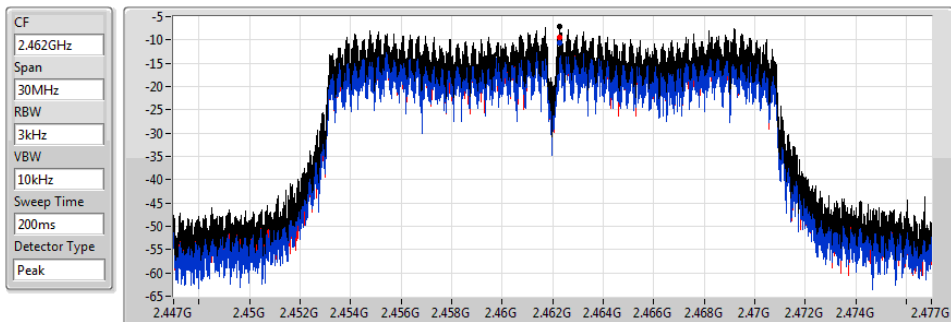
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.79	-2.79	-5.95	-5.65

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

PSD

26/10/2019



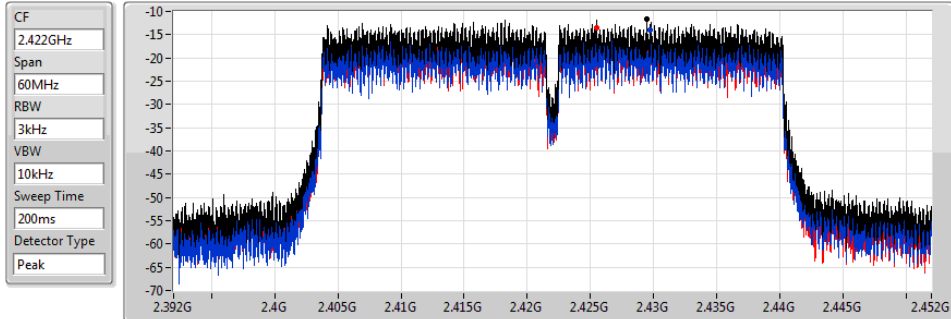
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.03	-7.03	-10.60	-9.54

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

26/10/2019



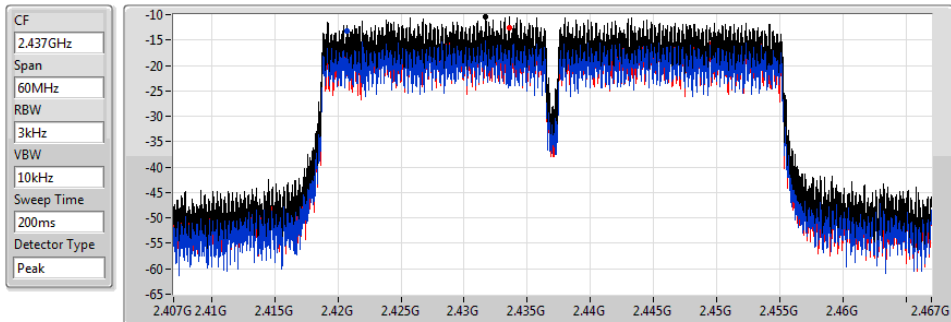
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.67	-11.67	-14.04	-13.41

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

26/10/2019



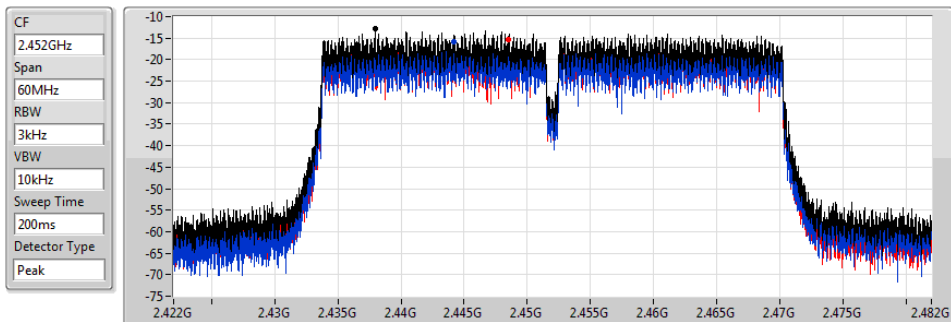
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.37	-10.37	-13.24	-12.55

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

26/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.86	-12.86	-15.79	-15.25

**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41248G	-0.17	-30.17	1.97555G	-54.69	2.39682G	-53.45	2.5119G	-52.79	24.43528G	-42.21	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41261G	1.91	-28.09	2.17331G	-55.14	2.39972G	-33.59	2.49886G	-51.68	15.34634G	-42.92	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43636G	0.72	-29.28	1.97264G	-54.17	2.39986G	-37.87	2.48698G	-51.05	15.33511G	-42.25	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.4405G	-3.34	-33.34	1.99654G	-54.85	2.397G	-45.45	2.48362G	-50.35	15.33828G	-41.23	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.41248G	-0.17	-30.17	2.30321G	-54.96	2.39952G	-43.94	2.5088G	-51.44	15.34634G	-42.81	1
2412MHz_TnomVnom	Pass	2.41248G	-0.17	-30.17	2.30641G	-53.69	2.39998G	-43.49	2.5041G	-52.73	16.79889G	-43.01	2
2437MHz_TnomVnom	Pass	2.41248G	-0.17	-30.17	2.15962G	-54.42	2.39668G	-53.64	2.4923G	-52.15	15.30982G	-42.53	1
2437MHz_TnomVnom	Pass	2.41248G	-0.17	-30.17	1.97555G	-54.69	2.39682G	-53.45	2.5119G	-52.79	24.43528G	-42.21	2
2462MHz_TnomVnom	Pass	2.41248G	-0.17	-30.17	2.30204G	-51.54	2.39184G	-53.05	2.5014G	-52.33	15.31825G	-42.65	1
2462MHz_TnomVnom	Pass	2.41248G	-0.17	-30.17	2.18496G	-55.35	2.39998G	-53.04	2.5148G	-51.00	24.64319G	-42.67	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.41261G	1.91	-28.09	2.17331G	-55.14	2.39972G	-33.59	2.49886G	-51.68	15.34634G	-42.92	1
2412MHz_TnomVnom	Pass	2.41261G	1.91	-28.09	2.30292G	-53.39	2.3998G	-33.65	2.49294G	-49.68	24.45214G	-42.79	2
2437MHz_TnomVnom	Pass	2.41261G	1.91	-28.09	2.30379G	-53.80	2.39546G	-52.93	2.52304G	-51.68	15.10191G	-42.30	1
2437MHz_TnomVnom	Pass	2.41261G	1.91	-28.09	2.19632G	-54.04	2.39116G	-52.16	2.51052G	-50.56	24.37628G	-42.35	2
2462MHz_TnomVnom	Pass	2.41261G	1.91	-28.09	2.30088G	-50.94	2.39108G	-52.72	2.48356G	-47.41	23.19907G	-42.33	1
2462MHz_TnomVnom	Pass	2.41261G	1.91	-28.09	2.30466G	-53.99	2.3906G	-53.40	2.48352G	-49.11	15.09629G	-41.83	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43636G	0.72	-29.28	2.13923G	-54.70	2.39992G	-39.90	2.49198G	-51.03	15.32387G	-42.42	1
2412MHz_TnomVnom	Pass	2.43636G	0.72	-29.28	1.97264G	-54.17	2.39986G	-37.87	2.48698G	-51.05	15.33511G	-42.25	2
2437MHz_TnomVnom	Pass	2.43636G	0.72	-29.28	2.3035G	-53.70	2.3926G	-52.45	2.5158G	-51.75	24.35099G	-41.38	1
2437MHz_TnomVnom	Pass	2.43636G	0.72	-29.28	2.30991G	-53.97	2.39848G	-52.70	2.51608G	-51.05	24.33975G	-42.13	2
2462MHz_TnomVnom	Pass	2.43636G	0.72	-29.28	2.30495G	-53.39	2.39834G	-53.19	2.48388G	-46.53	15.31825G	-42.80	1
2462MHz_TnomVnom	Pass	2.43636G	0.72	-29.28	2.30903G	-54.13	2.39088G	-52.81	2.48386G	-47.97	24.40999G	-42.06	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.4405G	-3.34	-33.34	640M	-53.05	2.39976G	-45.02	2.49058G	-52.08	15.32426G	-42.37	1
2422MHz_TnomVnom	Pass	2.4405G	-3.34	-33.34	2.14138G	-54.97	2.39892G	-42.54	2.49178G	-50.48	15.33548G	-41.96	2
2437MHz_TnomVnom	Pass	2.4405G	-3.34	-33.34	2.30082G	-53.83	2.397G	-49.13	2.48354G	-49.66	15.2261G	-43.00	1
2437MHz_TnomVnom	Pass	2.4405G	-3.34	-33.34	1.99654G	-54.85	2.397G	-45.45	2.48362G	-50.35	15.33828G	-41.23	2
2452MHz_TnomVnom	Pass	2.4405G	-3.34	-33.34	640M	-53.55	2.39376G	-53.61	2.48482G	-47.49	17.58474G	-42.55	1
2452MHz_TnomVnom	Pass	2.4405G	-3.34	-33.34	2.17058G	-54.53	2.39476G	-52.18	2.48358G	-48.80	17.55108G	-41.89	2

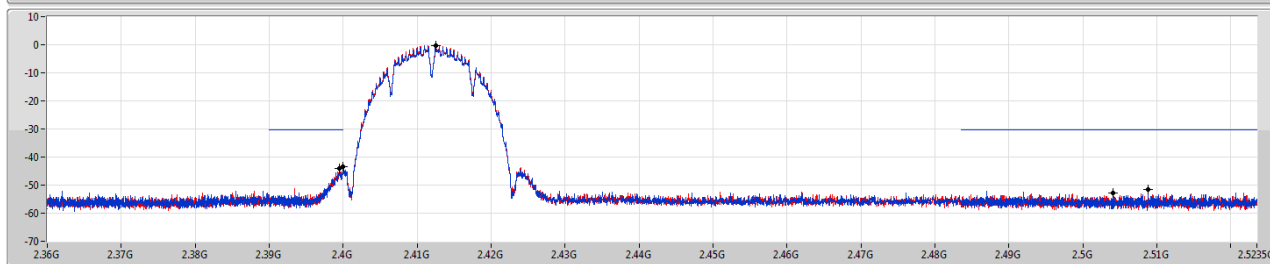
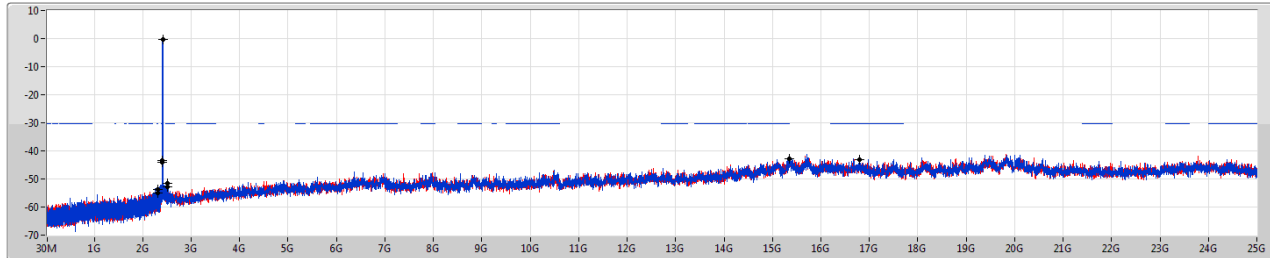
802.11b_Nss1,(1Mbps)_2TX

2412MHz

CSE NdB

26/10/2019

Port 1
Port 2



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	-0.17	-30.17	2.30321G	-54.96	2.39952G	-43.94	2.5088G	-51.44	15.34634G	-42.81	1
2.41248G	-0.17	-30.17	2.30641G	-53.69	2.39998G	-43.49	2.5041G	-52.73	16.79889G	-43.01	2

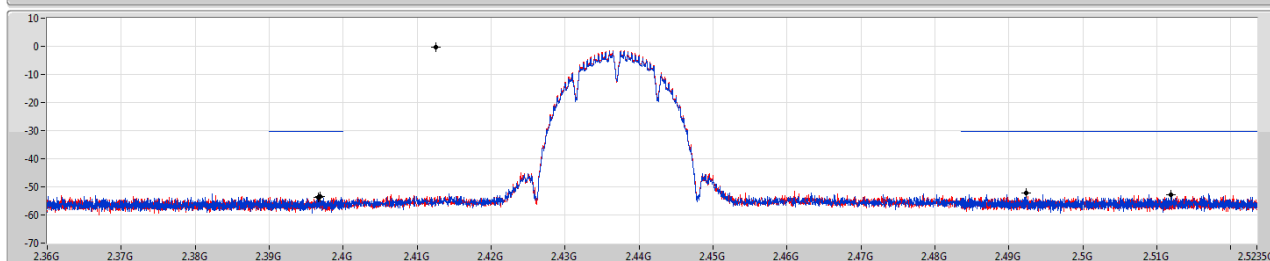
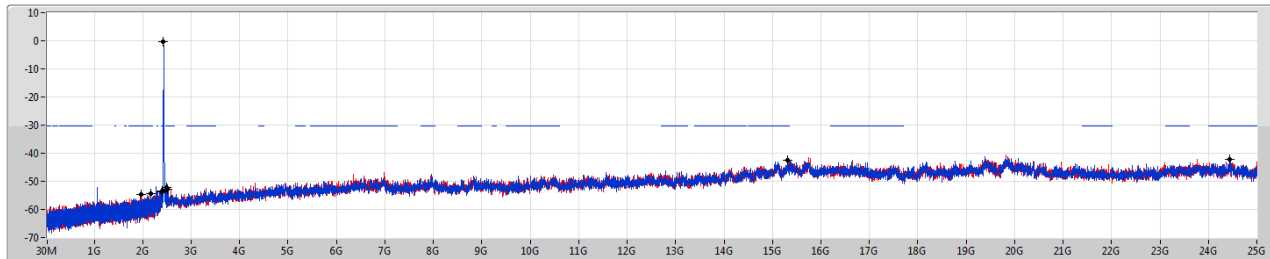
802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSE NdB

26/10/2019

Port 1
Port 2



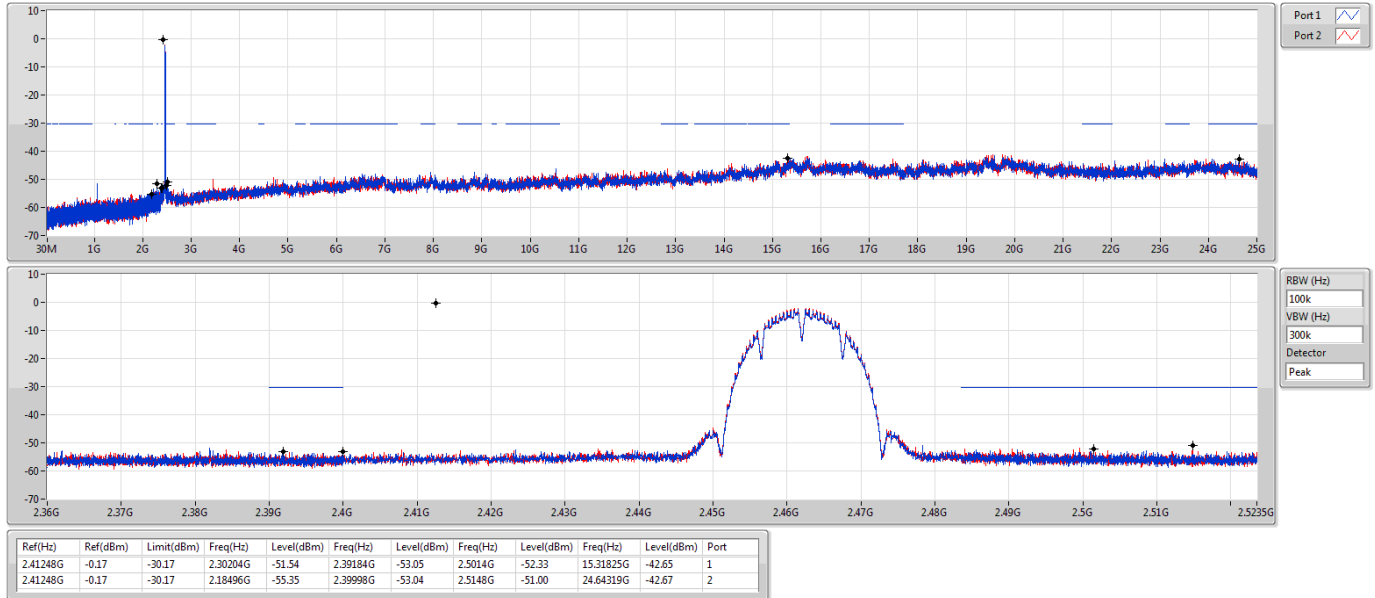
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	-0.17	-30.17	2.15962G	-54.42	2.39668G	-53.64	2.4923G	-52.15	15.30982G	-42.53	1
2.41248G	-0.17	-30.17	1.97555G	-54.69	2.39682G	-53.45	2.5119G	-52.79	24.43528G	-42.21	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

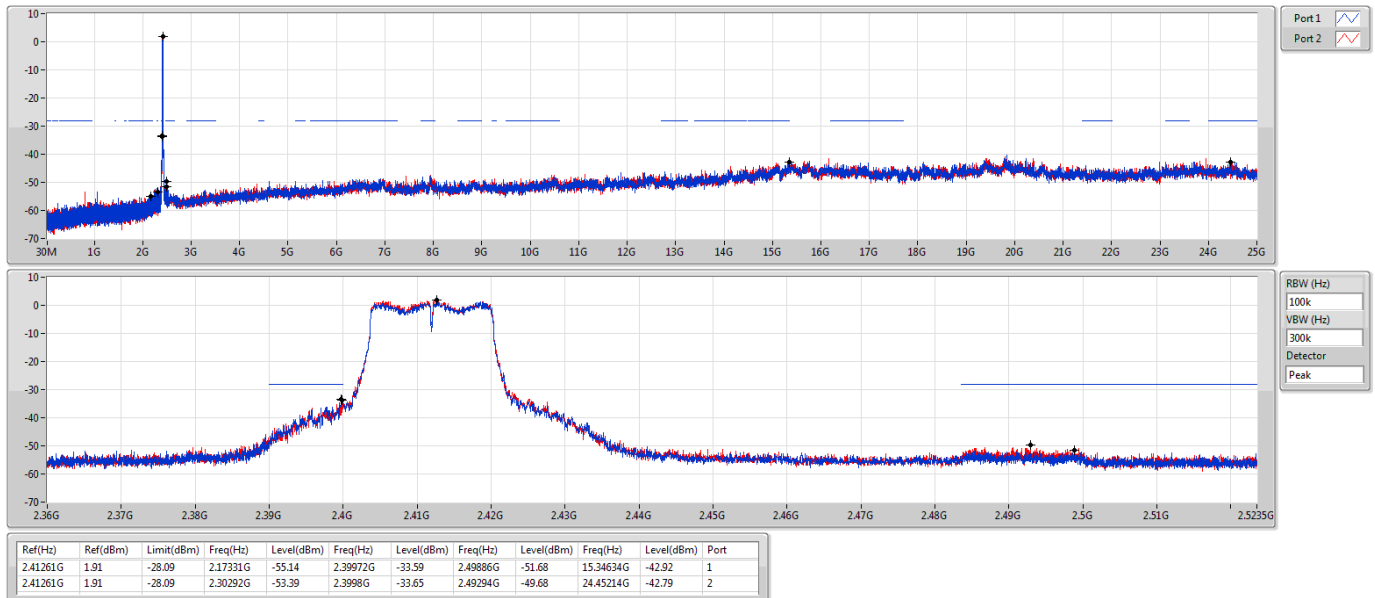
2462MHz



802.11g_Nss1,(6Mbps)_2TX

CSE NdB

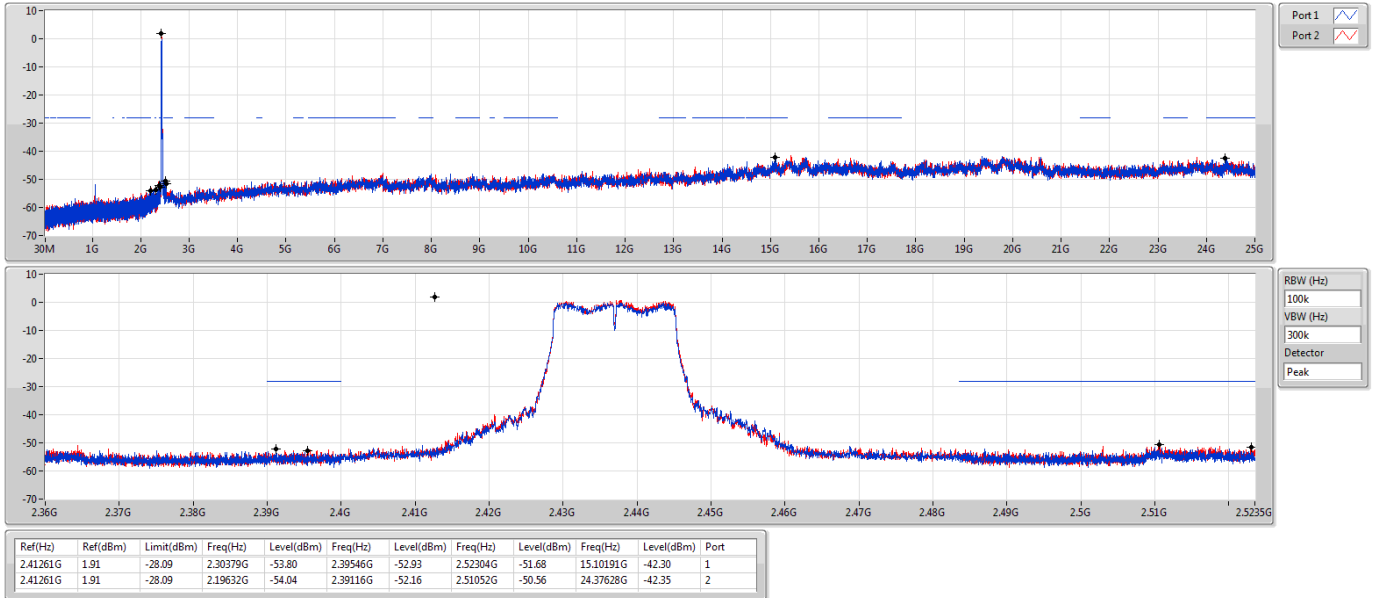
2412MHz



802.11g_Nss1,(6Mbps)_2TX

CSE NdB

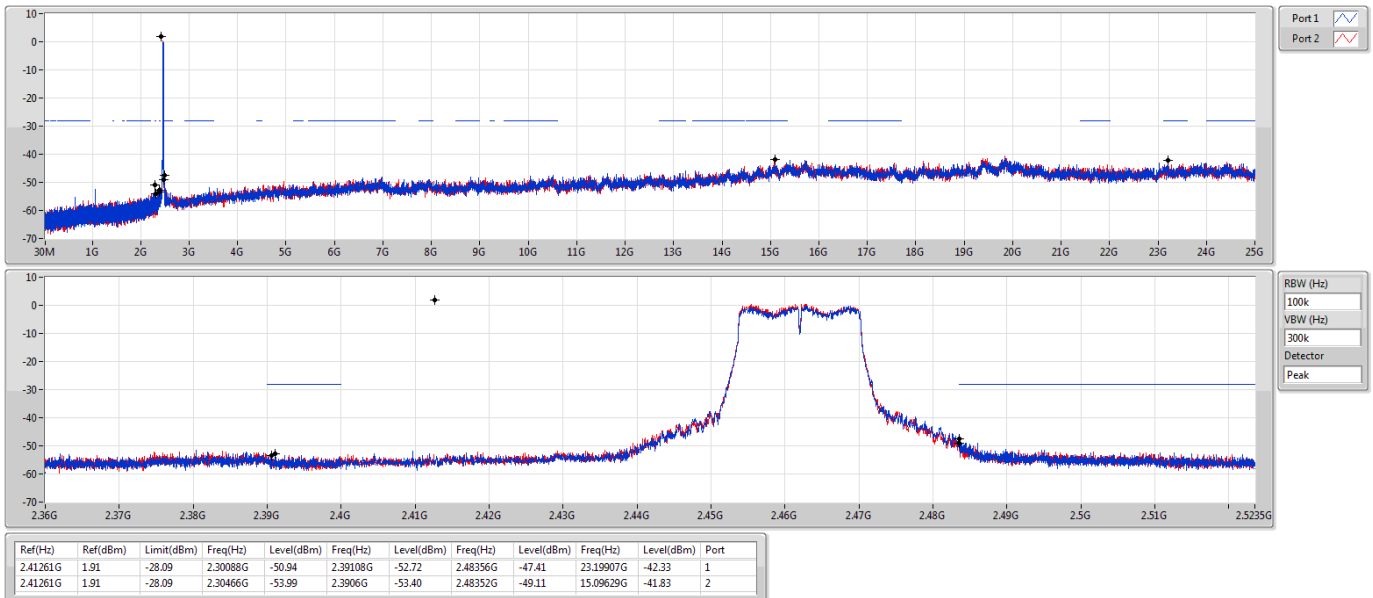
2437MHz



802.11g_Nss1,(6Mbps)_2TX

CSE NdB

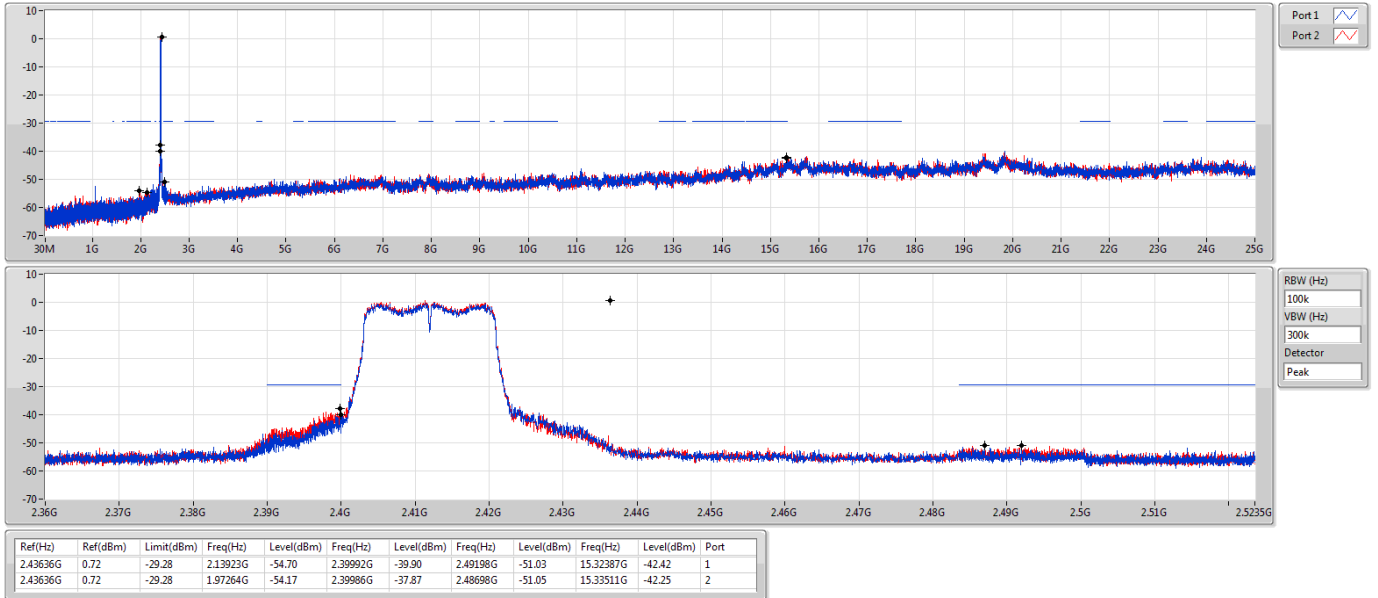
2462MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

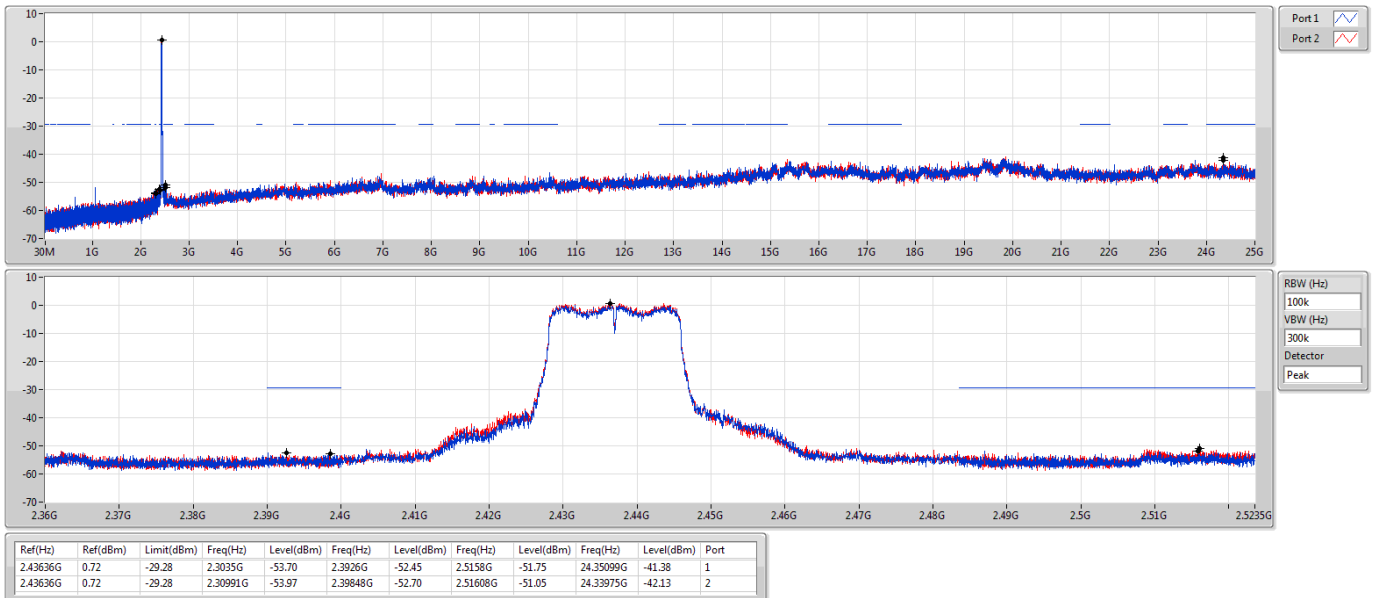
2412MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

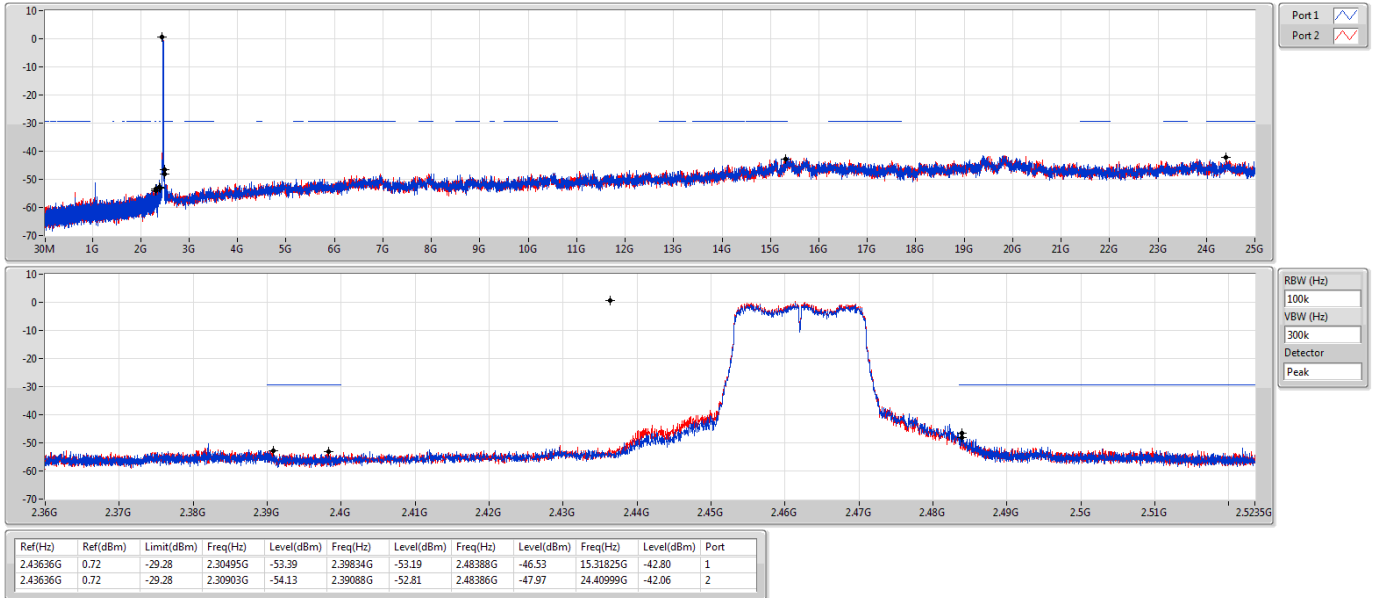
2437MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

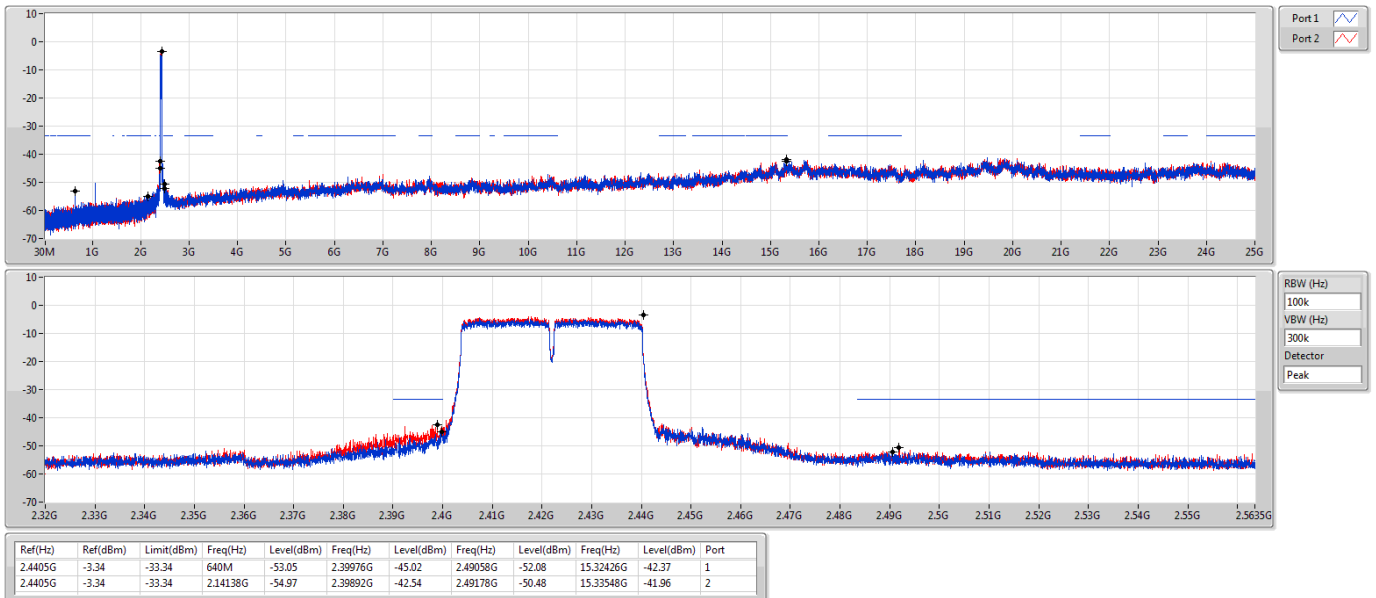
2462MHz



802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

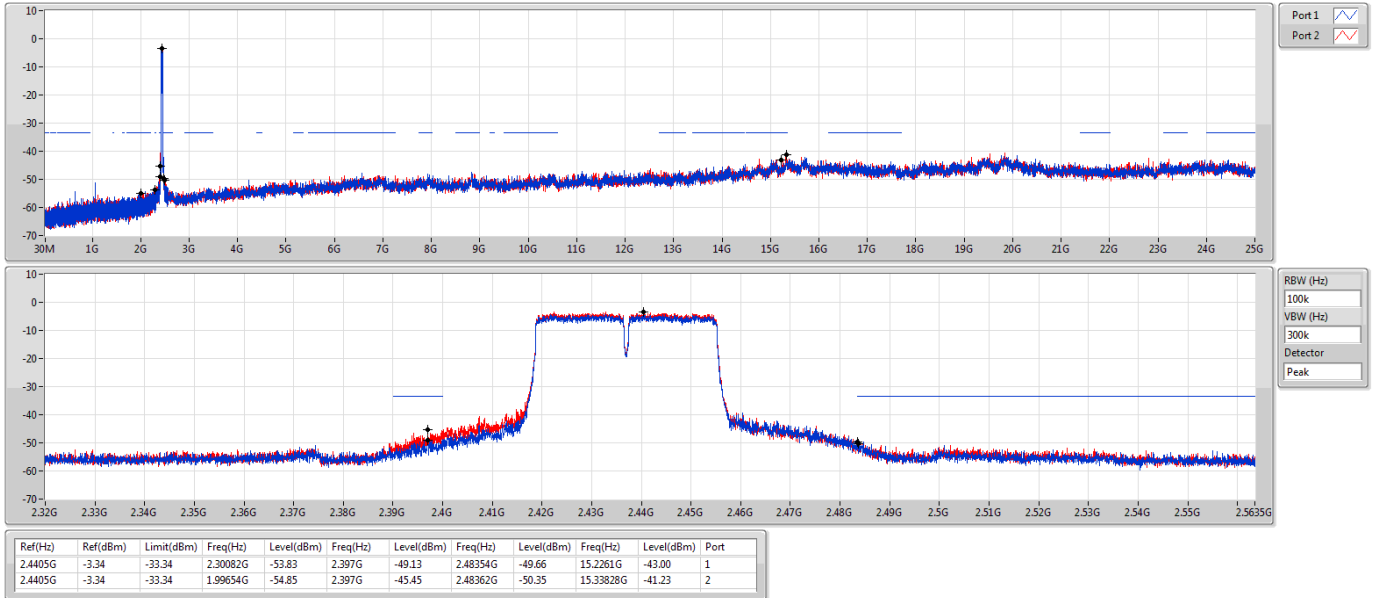
2422MHz



802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

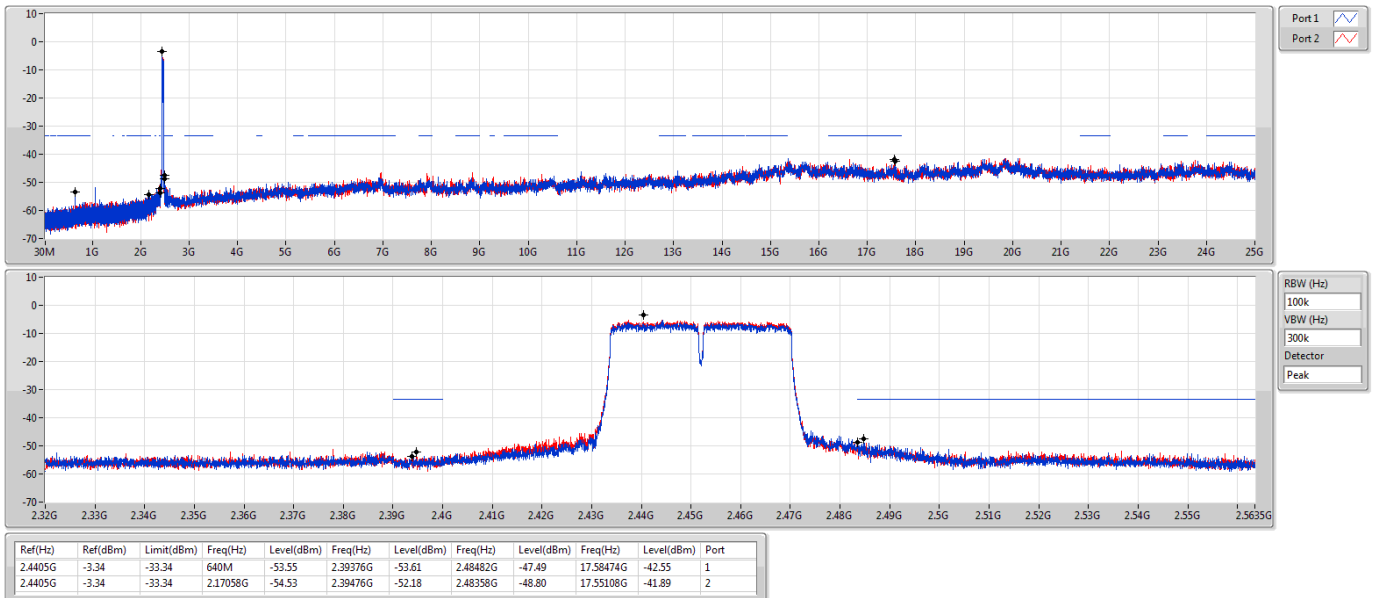
2437MHz



802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2452MHz



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.4615G	2.29	-27.71	1.9805G	-55.42	2.39486G	-52.97	2.48874G	-51.98	15.33791G	-41.87	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44388G	7.23	-22.77	2.17797G	-54.53	2.39914G	-23.55	2.48698G	-49.21	24.49147G	-42.32	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43636G	6.55	-23.45	2.11127G	-54.36	2.39996G	-28.72	2.4845G	-50.02	15.32668G	-42.26	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.42923G	0.42	-29.58	2.16228G	-54.73	2.397G	-33.37	2.48386G	-40.87	16.7602G	-43.11	2

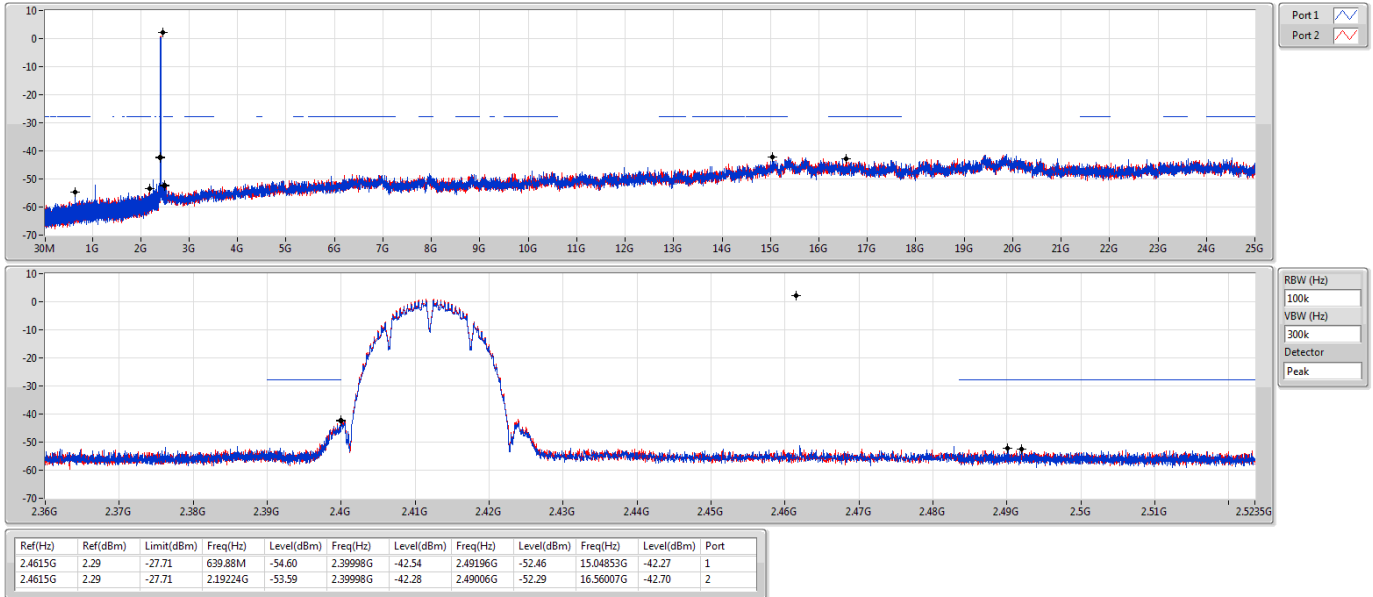
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.4615G	2.29	-27.71	639.88M	-54.60	2.39998G	-42.54	2.49196G	-52.46	15.04853G	-42.27	1
2412MHz_TnomVnom	Pass	2.4615G	2.29	-27.71	2.19224G	-53.59	2.39998G	-42.28	2.49006G	-52.29	16.56007G	-42.70	2
2437MHz_TnomVnom	Pass	2.4615G	2.29	-27.71	1.9805G	-55.42	2.39486G	-52.97	2.48874G	-51.98	15.33791G	-41.87	1
2437MHz_TnomVnom	Pass	2.4615G	2.29	-27.71	2.1171G	-54.78	2.39566G	-53.46	2.51132G	-52.41	15.1272G	-42.63	2
2462MHz_TnomVnom	Pass	2.4615G	2.29	-27.71	2.30204G	-52.94	2.39988G	-52.49	2.49054G	-51.02	16.80732G	-42.31	1
2462MHz_TnomVnom	Pass	2.4615G	2.29	-27.71	2.30117G	-54.15	2.39238G	-52.23	2.48552G	-51.41	15.31825G	-42.32	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.44388G	7.23	-22.77	2.30903G	-53.89	2.39914G	-24.86	2.4986G	-50.52	24.06442G	-41.97	1
2412MHz_TnomVnom	Pass	2.44388G	7.23	-22.77	2.17797G	-54.53	2.39914G	-23.55	2.48698G	-49.21	24.49147G	-42.32	2
2437MHz_TnomVnom	Pass	2.44388G	7.23	-22.77	2.15875G	-53.52	2.39868G	-45.12	2.4839G	-47.02	15.07663G	-41.90	1
2437MHz_TnomVnom	Pass	2.44388G	7.23	-22.77	2.30787G	-54.55	2.39864G	-45.93	2.48426G	-47.41	15.33511G	-42.13	2
2462MHz_TnomVnom	Pass	2.44388G	7.23	-22.77	2.30204G	-53.88	2.3901G	-53.41	2.48362G	-41.52	15.32668G	-42.03	1
2462MHz_TnomVnom	Pass	2.44388G	7.23	-22.77	2.30525G	-53.84	2.39006G	-52.25	2.48422G	-41.66	15.08505G	-42.69	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43636G	6.55	-23.45	1.9106G	-54.90	2.3999G	-29.83	2.49256G	-50.34	15.32106G	-42.75	1
2412MHz_TnomVnom	Pass	2.43636G	6.55	-23.45	2.11127G	-54.36	2.39996G	-28.72	2.4845G	-50.02	15.32668G	-42.26	2
2437MHz_TnomVnom	Pass	2.43636G	6.55	-23.45	2.18933G	-54.70	2.39664G	-43.63	2.48548G	-47.31	16.64998G	-42.93	1
2437MHz_TnomVnom	Pass	2.43636G	6.55	-23.45	2.1803G	-54.87	2.39666G	-45.40	2.48534G	-45.65	15.34072G	-42.67	2
2462MHz_TnomVnom	Pass	2.43636G	6.55	-23.45	2.30204G	-52.06	2.39052G	-52.91	2.48384G	-39.20	16.41117G	-42.00	1
2462MHz_TnomVnom	Pass	2.43636G	6.55	-23.45	2.30408G	-52.49	2.3901G	-51.80	2.4839G	-38.38	15.3323G	-42.36	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.42923G	0.42	-29.58	640M	-54.05	2.39784G	-35.62	2.48506G	-50.91	15.31865G	-42.45	1
2422MHz_TnomVnom	Pass	2.42923G	0.42	-29.58	2.13508G	-54.34	2.3998G	-33.59	2.4849G	-50.24	15.30463G	-42.42	2
2437MHz_TnomVnom	Pass	2.42923G	0.42	-29.58	2.13108G	-54.92	2.39704G	-35.80	2.4845G	-41.01	24.39982G	-43.13	1
2437MHz_TnomVnom	Pass	2.42923G	0.42	-29.58	2.16228G	-54.73	2.397G	-33.37	2.48386G	-40.87	16.7602G	-43.11	2
2452MHz_TnomVnom	Pass	2.42923G	0.42	-29.58	2.30368G	-54.61	2.39352G	-52.78	2.48358G	-42.76	24.0184G	-42.36	1
2452MHz_TnomVnom	Pass	2.42923G	0.42	-29.58	2.30197G	-55.02	2.39988G	-52.22	2.48442G	-43.89	15.1055G	-43.02	2

802.11b_Nss1,(1Mbps)_2TX

2412MHz

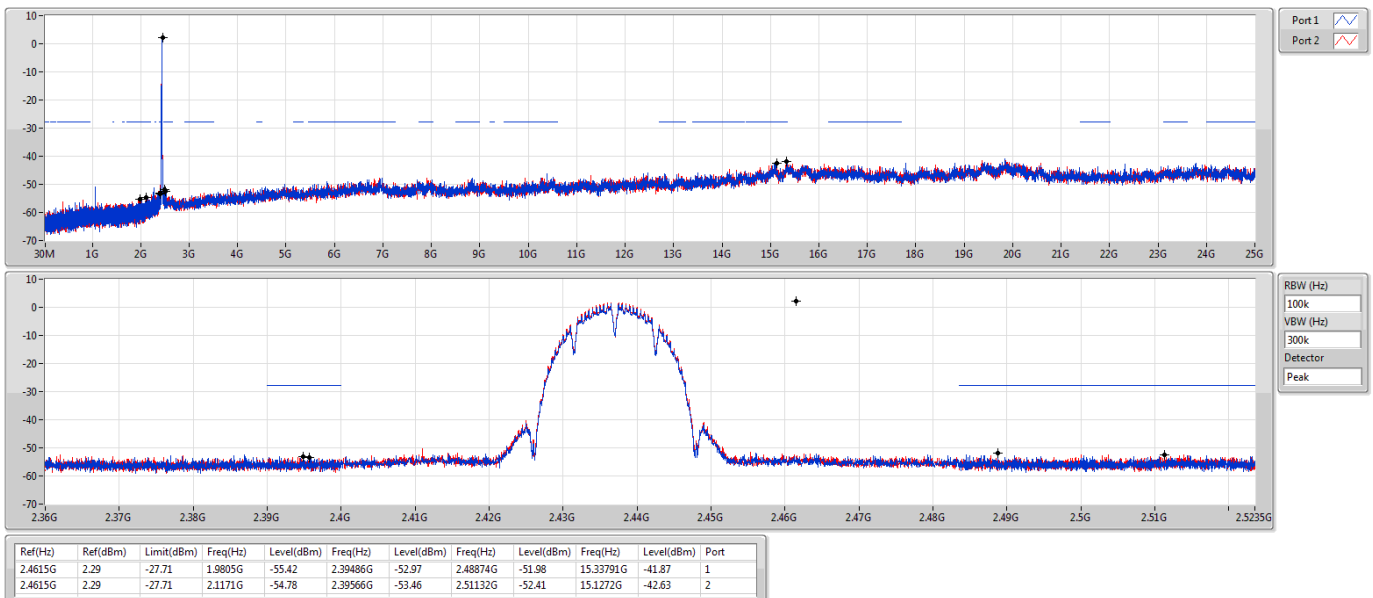
CSE NdB



802.11b_Nss1,(1Mbps)_2TX

2437MHz

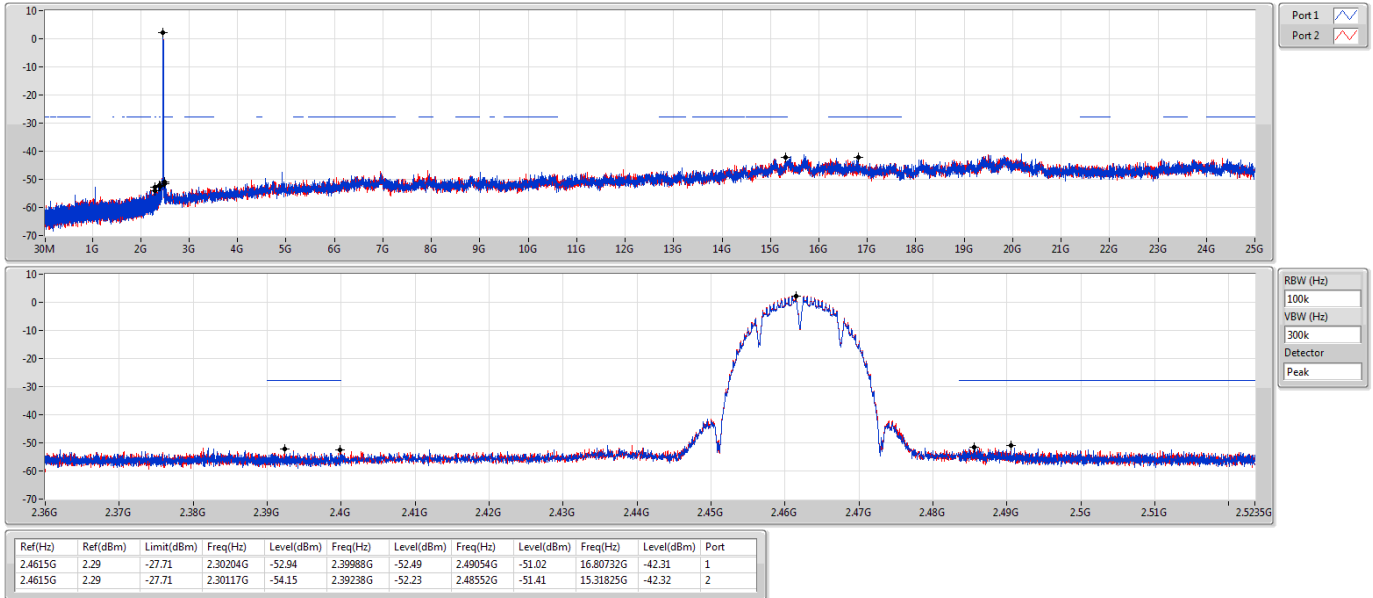
CSE NdB



802.11b_Nss1,(1Mbps)_2TX

CSE NdB

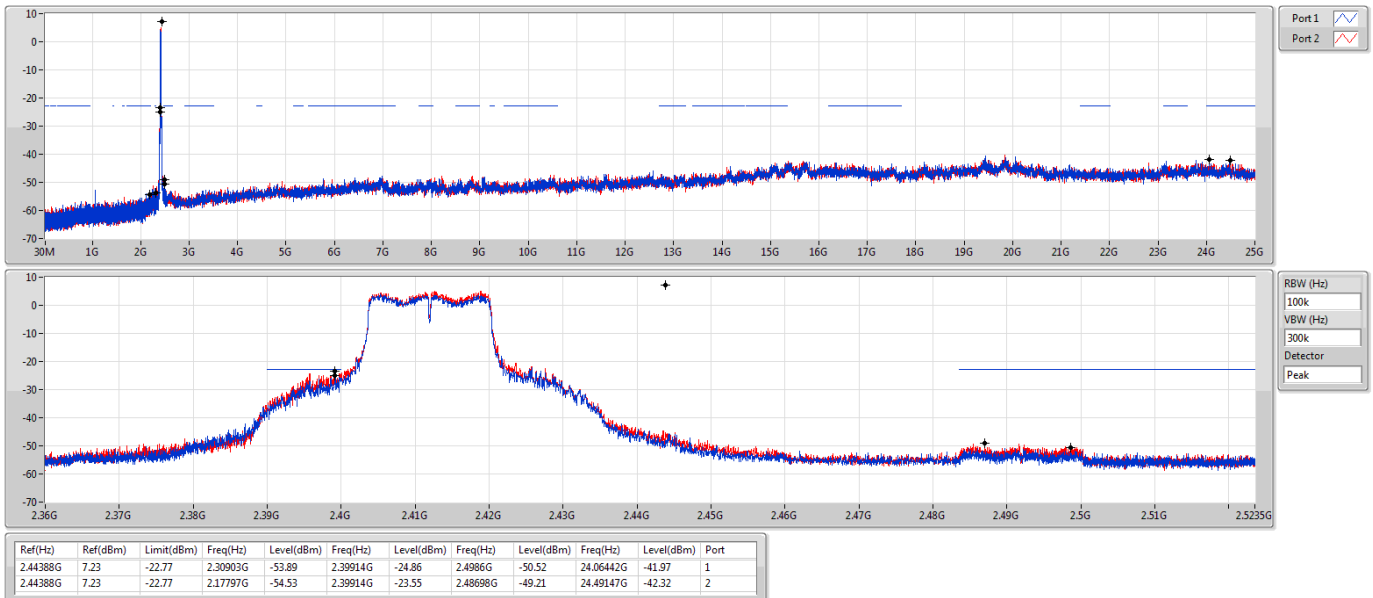
2462MHz



802.11g_Nss1,(6Mbps)_2TX

CSE NdB

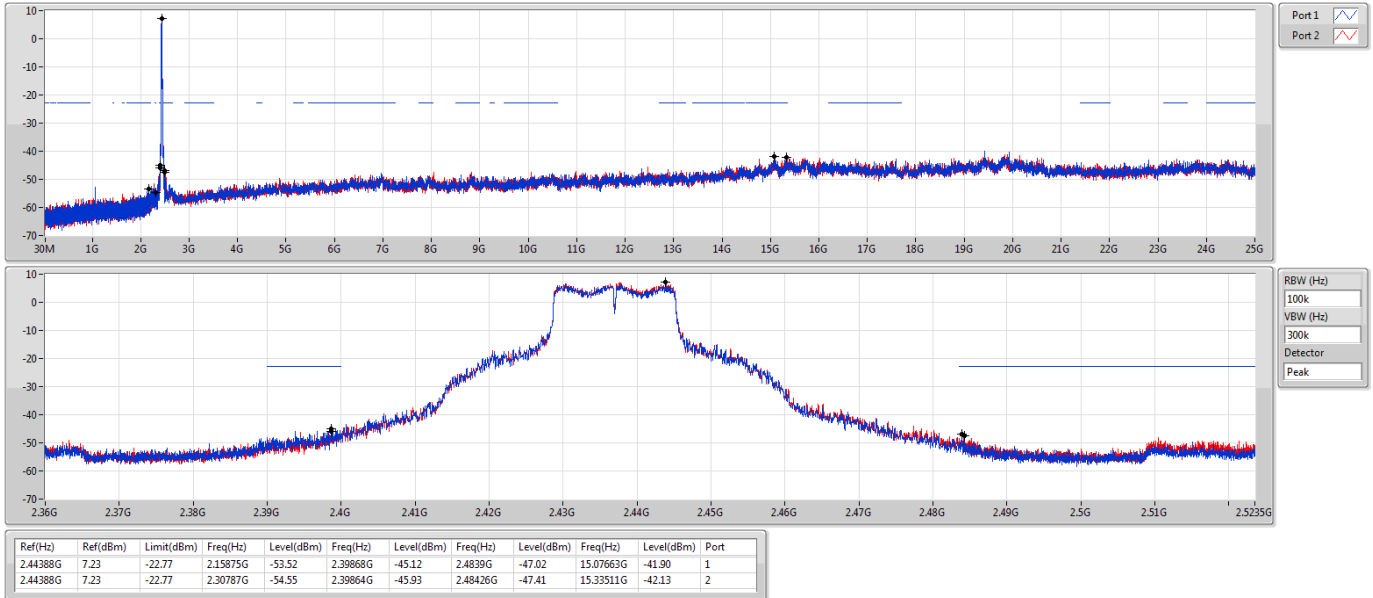
2412MHz



802.11g_Nss1,(6Mbps)_2TX

CSE NdB

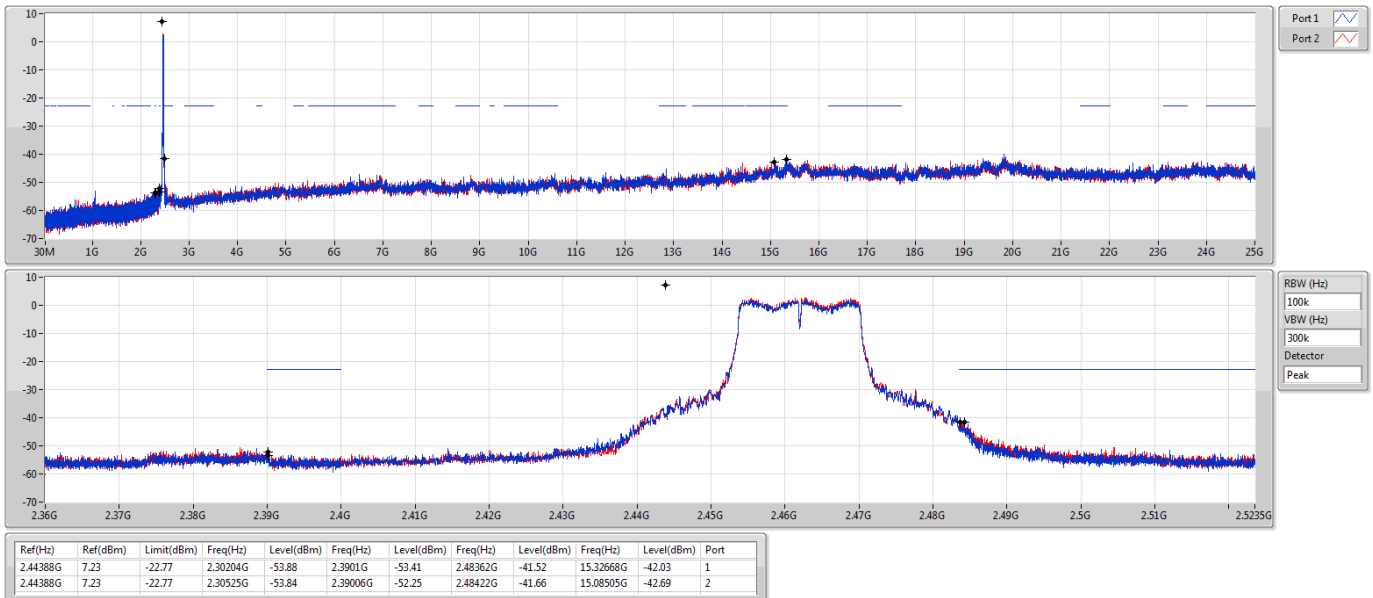
2437MHz



802.11g_Nss1,(6Mbps)_2TX

CSE NdB

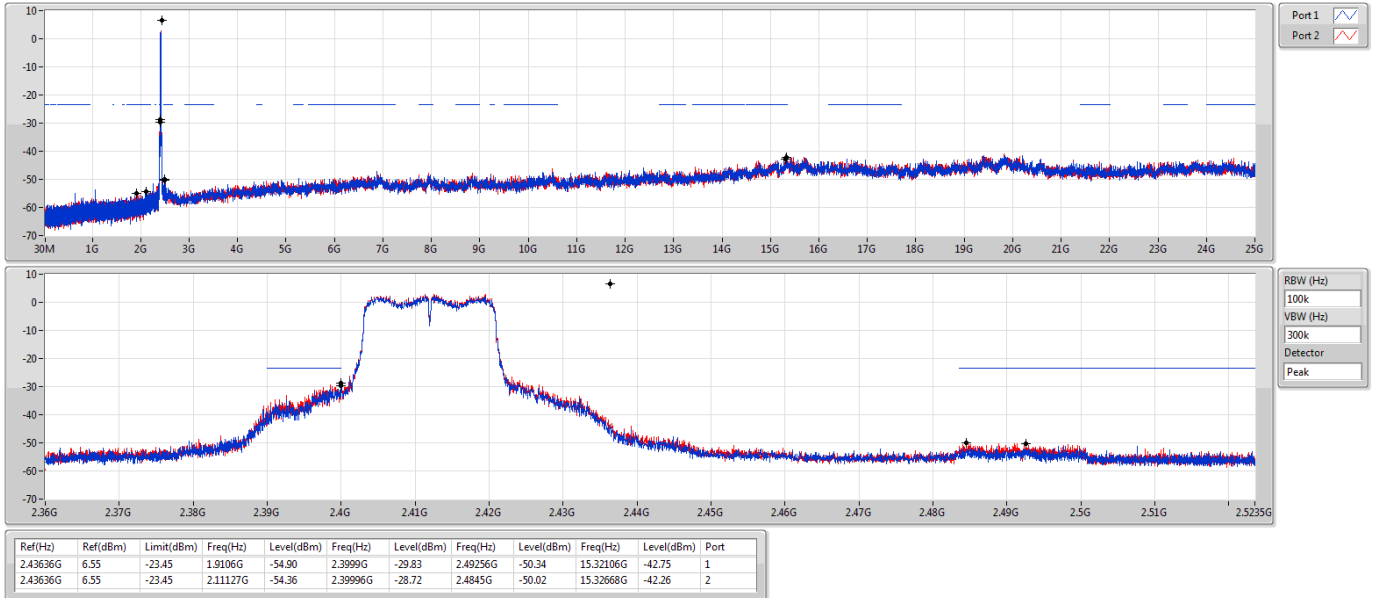
2462MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

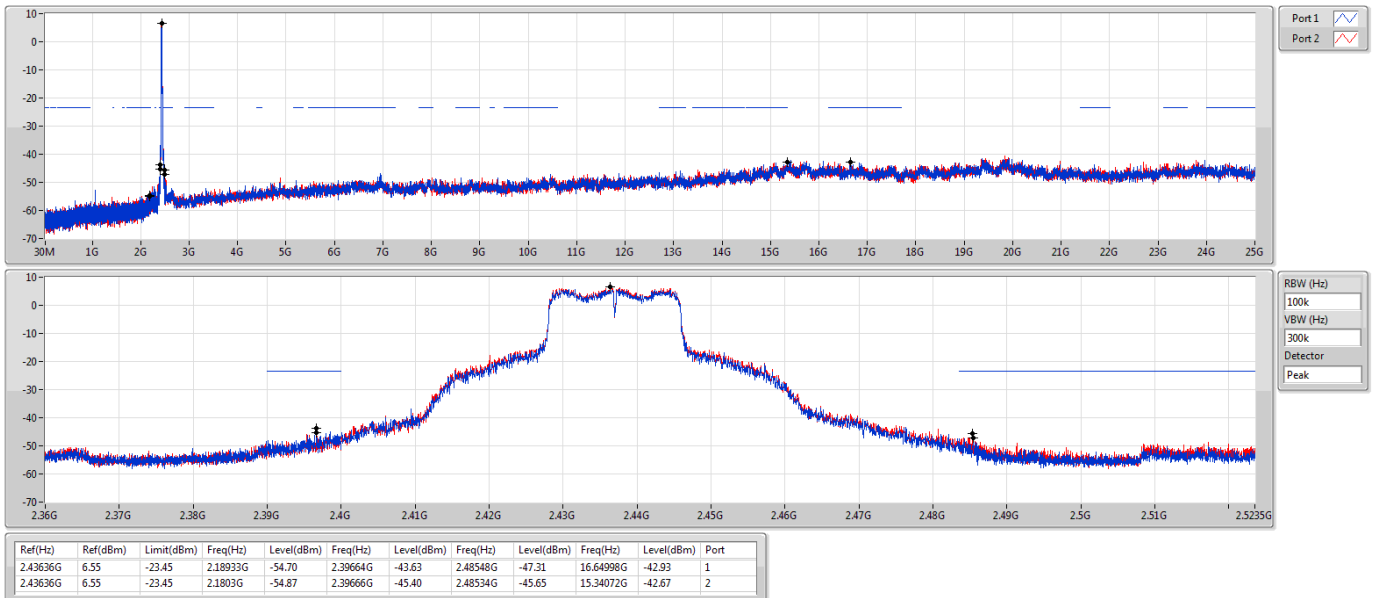
2412MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

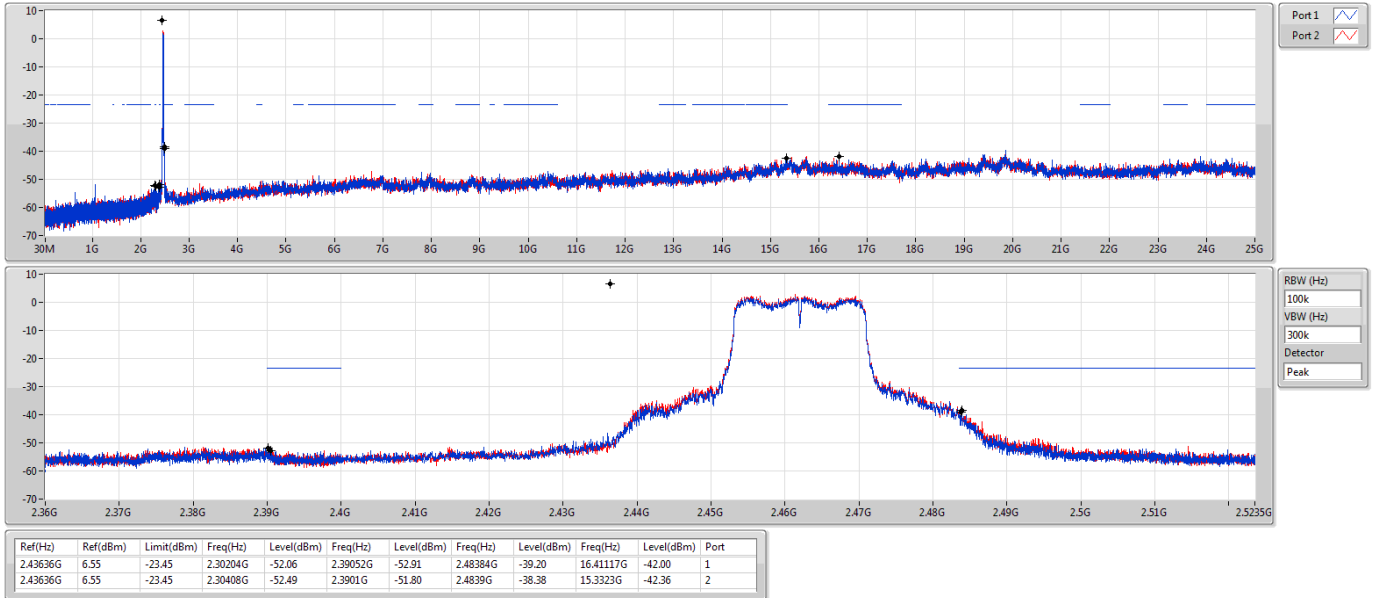
2437MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

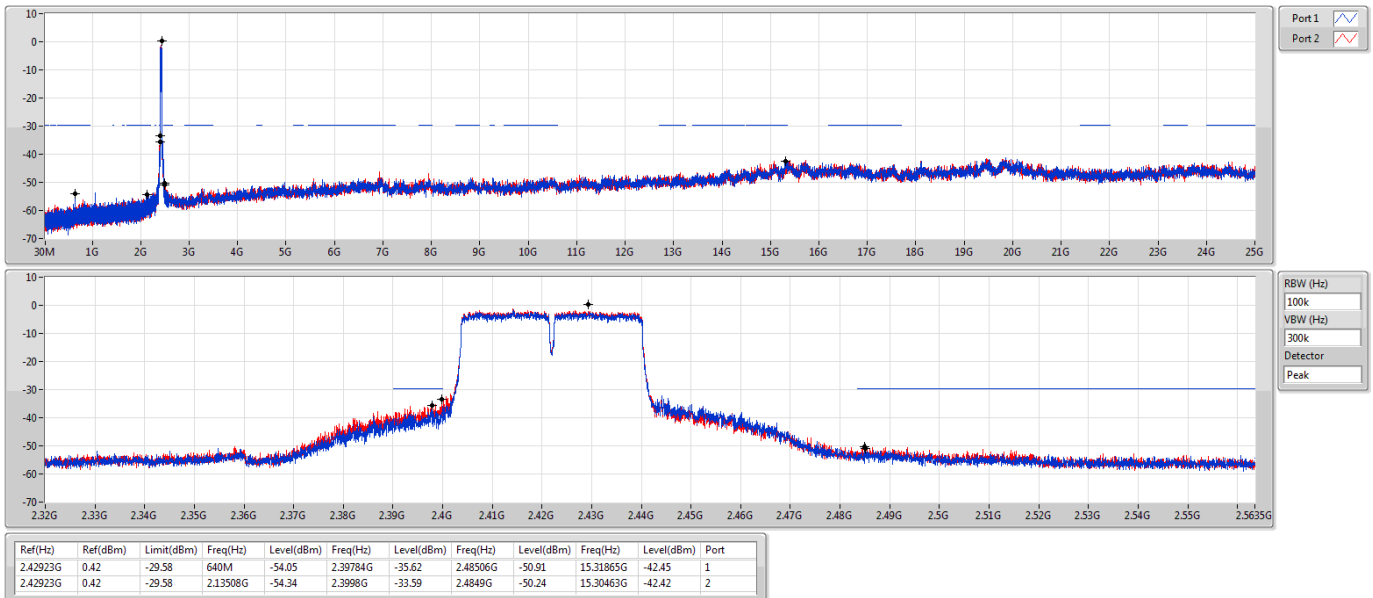
2462MHz



802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

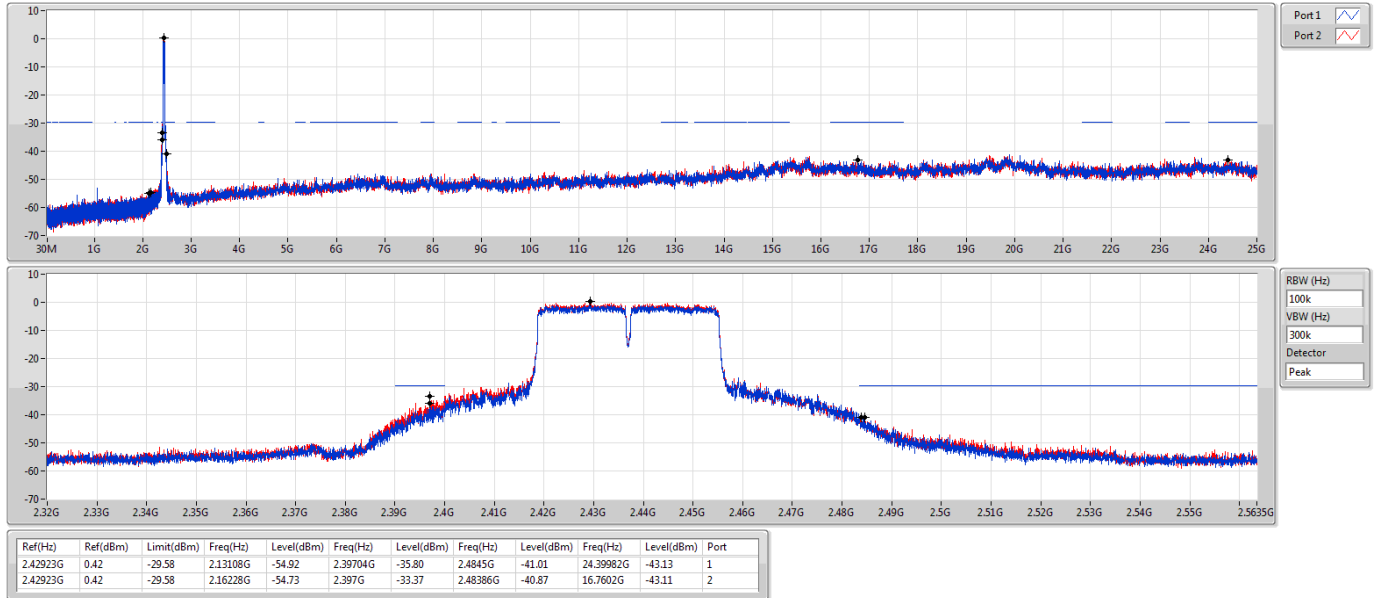
2422MHz



802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

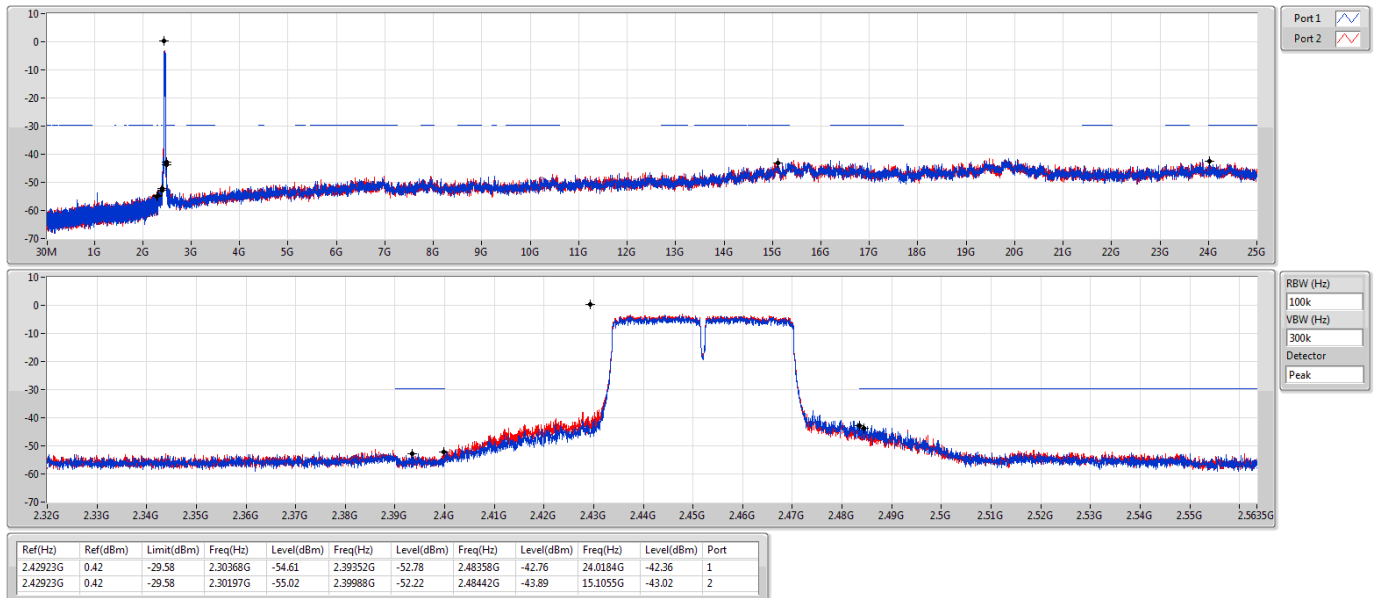
2437MHz



802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2452MHz





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	392.78M	45.45	46.00	-0.55	3	Horizontal	80	1.00	-



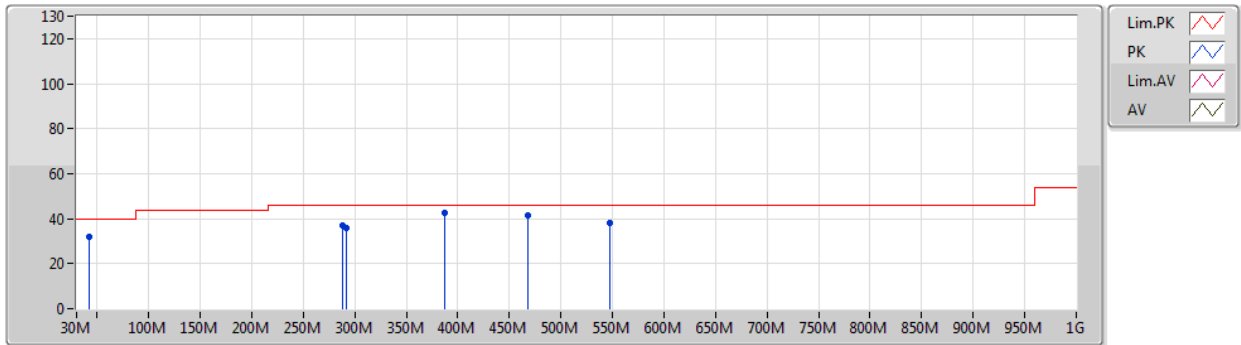
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	41.64M	31.76	40.00	-8.24	3	Vertical	360	1.00	-
2437MHz	Pass	PK	288.02M	36.85	46.00	-9.15	3	Vertical	360	1.00	-
2437MHz	Pass	PK	291.9M	36.12	46.00	-9.88	3	Vertical	360	1.00	-
2437MHz	Pass	PK	386.96M	42.59	46.00	-3.41	3	Vertical	360	1.00	-
2437MHz	Pass	PK	468.44M	41.30	46.00	-4.70	3	Vertical	360	1.00	-
2437MHz	Pass	PK	547.98M	38.03	46.00	-7.97	3	Vertical	360	1.00	-
2437MHz	Pass	PK	161.92M	32.57	43.50	-10.93	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	705.12M	36.69	46.00	-9.31	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	297.72M	43.58	46.00	-2.42	3	Horizontal	302	1.00	-
2437MHz	Pass	QP	291.9M	43.51	46.00	-2.49	3	Horizontal	297	1.00	-
2437MHz	Pass	QP	392.78M	45.45	46.00	-0.55	3	Horizontal	80	1.00	-
2437MHz	Pass	QP	478.14M	43.99	46.00	-2.01	3	Horizontal	328	2.08	-

802.11n HT40_Nss1,(MCS0)_2TX

25/03/2020

2437MHz_Adapter

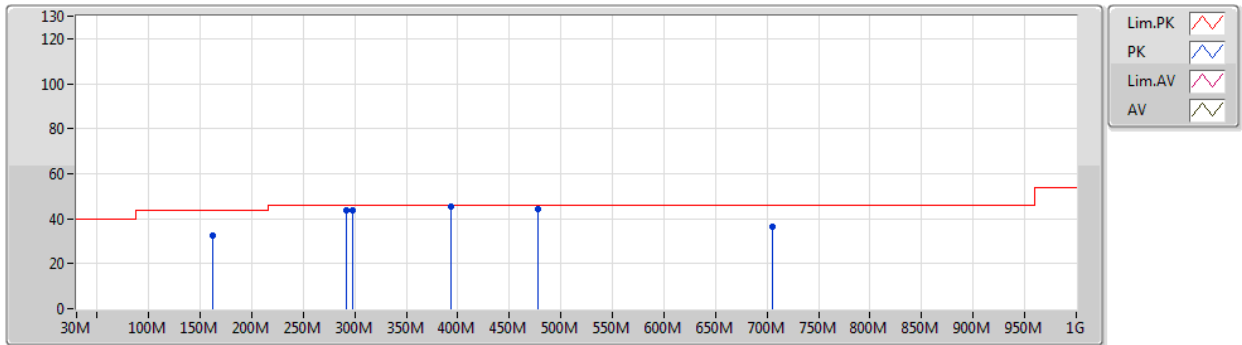


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	41.64M	31.76	40.00	-8.24	-10.01	3	Vertical	360	1.00	-	41.77	16.99	0.68	27.68
PK	288.02M	36.85	46.00	-9.15	-6.04	3	Vertical	360	1.00	-	42.89	18.19	2.94	27.17
PK	291.9M	36.12	46.00	-9.88	-5.98	3	Vertical	360	1.00	-	42.10	18.22	2.97	27.17
PK	386.96M	42.59	46.00	-3.41	-4.19	3	Vertical	360	1.00	-	46.78	20.42	3.16	27.77
PK	468.44M	41.30	46.00	-4.70	-2.61	3	Vertical	360	1.00	-	43.91	22.48	3.26	28.35
PK	547.98M	38.03	46.00	-7.97	-1.11	3	Vertical	360	1.00	-	39.14	23.94	3.58	28.63

802.11n HT40_Nss1,(MCS0)_2TX

25/03/2020

2437MHz_Adapter



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	161.92M	32.57	43.50	-10.93	-10.49	3	Horizontal	0	1.00	-	43.06	15.11	1.97	27.57
PK	705.12M	36.69	46.00	-9.31	-0.27	3	Horizontal	0	1.00	-	36.96	24.04	4.06	28.37
QP	297.72M	43.58	46.00	-2.42	-5.83	3	Horizontal	302	1.00	-	49.41	18.35	2.99	27.17
QP	291.9M	43.51	46.00	-2.49	-5.98	3	Horizontal	297	1.00	-	49.49	18.22	2.97	27.17
QP	392.78M	45.45	46.00	-0.55	-3.94	3	Horizontal	80	1.00	-	49.39	20.69	3.18	27.81
QP	478.14M	43.99	46.00	-2.01	-2.33	3	Horizontal	328	2.08	-	46.32	22.76	3.28	28.37

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.924G	53.90	54.00	-0.10	3	Horizontal	336	1.00	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	4.92412G	53.95	54.00	-0.05	3	Vertical	47	2.36	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	2.39G	73.89	74.00	-0.11	3	Horizontal	11	1.00	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.84	54.00	-0.16	3	Horizontal	355	1.44	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3734G	47.30	54.00	-6.70	3	Vertical	82	2.64	-
2412MHz	Pass	AV	2.4128G	88.04	Inf	-Inf	3	Vertical	82	2.64	-
2412MHz	Pass	PK	2.3886G	60.93	74.00	-13.07	3	Vertical	82	2.64	-
2412MHz	Pass	PK	2.4128G	90.32	Inf	-Inf	3	Vertical	82	2.64	-
2412MHz	Pass	AV	2.3788G	47.51	54.00	-6.49	3	Horizontal	14	1.00	-
2412MHz	Pass	AV	2.4112G	95.82	Inf	-Inf	3	Horizontal	14	1.00	-
2412MHz	Pass	PK	2.387G	59.74	74.00	-14.26	3	Horizontal	14	1.00	-
2412MHz	Pass	PK	2.4128G	98.07	Inf	-Inf	3	Horizontal	14	1.00	-
2412MHz	Pass	AV	4.824G	53.71	54.00	-0.29	3	Vertical	25	3.00	-
2412MHz	Pass	PK	4.824G	56.25	74.00	-17.75	3	Vertical	25	3.00	-
2412MHz	Pass	AV	4.824G	53.83	54.00	-0.17	3	Horizontal	338	3.00	-
2412MHz	Pass	PK	4.824G	56.30	74.00	-17.70	3	Horizontal	338	3.00	-
2437MHz	Pass	AV	2.345G	46.44	54.00	-7.56	3	Vertical	159	1.00	-
2437MHz	Pass	AV	2.4362G	83.06	Inf	-Inf	3	Vertical	159	1.00	-
2437MHz	Pass	AV	2.4998G	48.83	54.00	-5.17	3	Vertical	159	1.00	-
2437MHz	Pass	PK	2.3374G	60.27	74.00	-13.73	3	Vertical	159	1.00	-
2437MHz	Pass	PK	2.4374G	85.47	Inf	-Inf	3	Vertical	159	1.00	-
2437MHz	Pass	PK	2.491G	60.15	74.00	-13.85	3	Vertical	159	1.00	-
2437MHz	Pass	AV	2.357G	46.52	54.00	-7.48	3	Horizontal	355	1.00	-
2437MHz	Pass	AV	2.4378G	96.30	Inf	-Inf	3	Horizontal	355	1.00	-
2437MHz	Pass	AV	2.4998G	48.48	54.00	-5.52	3	Horizontal	355	1.00	-
2437MHz	Pass	PK	2.3526G	59.67	74.00	-14.33	3	Horizontal	355	1.00	-
2437MHz	Pass	PK	2.4378G	98.70	Inf	-Inf	3	Horizontal	355	1.00	-
2437MHz	Pass	PK	2.4998G	60.36	74.00	-13.64	3	Horizontal	355	1.00	-
2437MHz	Pass	AV	4.87401G	51.23	54.00	-2.77	3	Vertical	39	2.29	-
2437MHz	Pass	PK	4.87391G	55.06	74.00	-18.94	3	Vertical	39	2.29	-
2437MHz	Pass	AV	4.874G	53.65	54.00	-0.35	3	Horizontal	335	1.00	-
2437MHz	Pass	PK	4.87395G	56.68	74.00	-17.32	3	Horizontal	335	1.00	-
2457MHz	Pass	AV	2.4562G	86.42	Inf	-Inf	3	Vertical	139	3.00	-
2457MHz	Pass	AV	2.5G	48.02	54.00	-5.98	3	Vertical	139	3.00	-
2457MHz	Pass	PK	2.457G	88.78	Inf	-Inf	3	Vertical	139	3.00	-
2457MHz	Pass	PK	2.5G	60.41	74.00	-13.59	3	Vertical	139	3.00	-
2457MHz	Pass	AV	2.4562G	96.42	Inf	-Inf	3	Horizontal	354	1.00	-
2457MHz	Pass	AV	2.5G	48.29	54.00	-5.71	3	Horizontal	354	1.00	-
2457MHz	Pass	PK	2.4566G	98.73	Inf	-Inf	3	Horizontal	354	1.00	-
2457MHz	Pass	PK	2.5G	60.19	74.00	-13.81	3	Horizontal	354	1.00	-
2457MHz	Pass	AV	4.91399G	51.39	54.00	-2.61	3	Vertical	51	1.00	-
2457MHz	Pass	PK	4.91402G	55.31	74.00	-18.69	3	Vertical	51	1.00	-
2457MHz	Pass	AV	4.91401G	53.80	54.00	-0.20	3	Horizontal	335	1.00	-
2457MHz	Pass	PK	4.91396G	56.61	74.00	-17.39	3	Horizontal	335	1.00	-
2462MHz	Pass	AV	2.4612G	81.30	Inf	-Inf	3	Vertical	158	1.00	-
2462MHz	Pass	AV	2.5G	48.42	54.00	-5.58	3	Vertical	158	1.00	-
2462MHz	Pass	PK	2.4612G	83.79	Inf	-Inf	3	Vertical	158	1.00	-
2462MHz	Pass	PK	2.4998G	60.05	74.00	-13.95	3	Vertical	158	1.00	-
2462MHz	Pass	AV	2.4612G	95.33	Inf	-Inf	3	Horizontal	354	1.00	-
2462MHz	Pass	AV	2.5G	48.22	54.00	-5.78	3	Horizontal	354	1.00	-
2462MHz	Pass	PK	2.4616G	97.69	Inf	-Inf	3	Horizontal	354	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4908G	60.29	74.00	-13.71	3	Horizontal	354	1.00	-
2462MHz	Pass	AV	4.924G	51.73	54.00	-2.27	3	Vertical	42	2.36	-
2462MHz	Pass	PK	4.92403G	55.46	74.00	-18.54	3	Vertical	42	2.36	-
2462MHz	Pass	AV	4.924G	53.90	54.00	-0.10	3	Horizontal	336	1.00	-
2462MHz	Pass	PK	4.92404G	57.28	74.00	-16.72	3	Horizontal	336	1.00	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3628G	46.39	54.00	-7.61	3	Vertical	201	1.50	-
2412MHz	Pass	AV	2.4188G	81.39	Inf	-Inf	3	Vertical	201	1.50	-
2412MHz	Pass	PK	2.3644G	59.95	74.00	-14.05	3	Vertical	201	1.50	-
2412MHz	Pass	PK	2.4188G	90.59	Inf	-Inf	3	Vertical	201	1.50	-
2412MHz	Pass	AV	2.39G	53.42	54.00	-0.58	3	Horizontal	356	1.00	-
2412MHz	Pass	AV	2.4126G	98.79	Inf	-Inf	3	Horizontal	356	1.00	-
2412MHz	Pass	PK	2.39G	71.75	74.00	-2.25	3	Horizontal	356	1.00	-
2412MHz	Pass	PK	2.413G	107.58	Inf	-Inf	3	Horizontal	356	1.00	-
2412MHz	Pass	AV	4.8242G	53.90	54.00	-0.10	3	Vertical	26	2.81	-
2412MHz	Pass	PK	4.8249G	67.82	74.00	-6.18	3	Vertical	26	2.81	-
2412MHz	Pass	AV	4.826G	52.76	54.00	-1.24	3	Horizontal	335	1.00	-
2412MHz	Pass	PK	4.8249G	67.06	74.00	-6.94	3	Horizontal	335	1.00	-
2437MHz	Pass	AV	2.3426G	46.46	54.00	-7.54	3	Vertical	159	1.00	-
2437MHz	Pass	AV	2.4366G	84.07	Inf	-Inf	3	Vertical	159	1.00	-
2437MHz	Pass	AV	2.4998G	48.85	54.00	-5.15	3	Vertical	159	1.00	-
2437MHz	Pass	PK	2.3518G	61.05	74.00	-12.95	3	Vertical	159	1.00	-
2437MHz	Pass	PK	2.4362G	92.67	Inf	-Inf	3	Vertical	159	1.00	-
2437MHz	Pass	PK	2.4998G	60.80	74.00	-13.20	3	Vertical	159	1.00	-
2437MHz	Pass	AV	2.3642G	46.71	54.00	-7.29	3	Horizontal	6	1.00	-
2437MHz	Pass	AV	2.4438G	97.53	Inf	-Inf	3	Horizontal	6	1.00	-
2437MHz	Pass	AV	2.4998G	47.03	54.00	-6.97	3	Horizontal	6	1.00	-
2437MHz	Pass	PK	2.3594G	60.61	74.00	-13.39	3	Horizontal	6	1.00	-
2437MHz	Pass	PK	2.4438G	106.51	Inf	-Inf	3	Horizontal	6	1.00	-
2437MHz	Pass	PK	2.4894G	60.72	74.00	-13.28	3	Horizontal	6	1.00	-
2437MHz	Pass	AV	4.8742G	51.43	54.00	-2.57	3	Vertical	30	2.56	-
2437MHz	Pass	PK	4.875G	65.50	74.00	-8.50	3	Vertical	30	2.56	-
2437MHz	Pass	AV	4.8742G	53.51	54.00	-0.49	3	Horizontal	332	1.00	-
2437MHz	Pass	PK	4.8751G	67.11	74.00	-6.89	3	Horizontal	332	1.00	-
2462MHz	Pass	AV	2.4686G	89.46	Inf	-Inf	3	Vertical	80	3.00	-
2462MHz	Pass	AV	2.4835G	49.08	54.00	-4.92	3	Vertical	80	3.00	-
2462MHz	Pass	PK	2.4688G	98.59	Inf	-Inf	3	Vertical	80	3.00	-
2462MHz	Pass	PK	2.484G	64.23	74.00	-9.77	3	Vertical	80	3.00	-
2462MHz	Pass	AV	2.4688G	97.42	Inf	-Inf	3	Horizontal	8	1.00	-
2462MHz	Pass	AV	2.4835G	51.08	54.00	-2.92	3	Horizontal	8	1.00	-
2462MHz	Pass	PK	2.4688G	106.84	Inf	-Inf	3	Horizontal	8	1.00	-
2462MHz	Pass	PK	2.484G	67.87	74.00	-6.13	3	Horizontal	8	1.00	-
2462MHz	Pass	AV	4.92412G	53.95	54.00	-0.05	3	Vertical	47	2.36	-
2462MHz	Pass	PK	4.92472G	67.60	74.00	-6.40	3	Vertical	47	2.36	-
2462MHz	Pass	AV	4.92418G	53.90	54.00	-0.10	3	Horizontal	335	1.00	-
2462MHz	Pass	PK	4.9249G	67.16	74.00	-6.84	3	Horizontal	335	1.00	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.26	54.00	-6.74	3	Vertical	79	2.65	-
2412MHz	Pass	AV	2.4188G	86.87	Inf	-Inf	3	Vertical	79	2.65	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3896G	63.83	74.00	-10.17	3	Vertical	79	2.65	-
2412MHz	Pass	PK	2.4128G	95.90	Inf	-Inf	3	Vertical	79	2.65	-
2412MHz	Pass	AV	2.39G	51.49	54.00	-2.51	3	Horizontal	11	1.00	-
2412MHz	Pass	AV	2.4124G	94.85	Inf	-Inf	3	Horizontal	11	1.00	-
2412MHz	Pass	PK	2.39G	73.89	74.00	-0.11	3	Horizontal	11	1.00	-
2412MHz	Pass	PK	2.4128G	104.24	Inf	-Inf	3	Horizontal	11	1.00	-
2412MHz	Pass	AV	4.82392G	50.14	54.00	-3.86	3	Vertical	22	2.79	-
2412MHz	Pass	PK	4.83044G	66.02	74.00	-7.98	3	Vertical	22	2.79	-
2412MHz	Pass	AV	4.82472G	49.23	54.00	-4.77	3	Horizontal	337	3.00	-
2412MHz	Pass	PK	4.83124G	65.49	74.00	-8.51	3	Horizontal	337	3.00	-
2417MHz	Pass	AV	2.3712G	46.36	54.00	-7.64	3	Vertical	159	1.00	-
2417MHz	Pass	AV	2.4174G	83.75	Inf	-Inf	3	Vertical	159	1.00	-
2417MHz	Pass	PK	2.3768G	59.54	74.00	-14.46	3	Vertical	159	1.00	-
2417MHz	Pass	PK	2.4178G	93.11	Inf	-Inf	3	Vertical	159	1.00	-
2417MHz	Pass	AV	2.39G	47.45	54.00	-6.55	3	Horizontal	351	1.00	-
2417MHz	Pass	AV	2.4164G	95.77	Inf	-Inf	3	Horizontal	351	1.00	-
2417MHz	Pass	PK	2.388G	61.21	74.00	-12.79	3	Horizontal	351	1.00	-
2417MHz	Pass	PK	2.4162G	104.94	Inf	-Inf	3	Horizontal	351	1.00	-
2437MHz	Pass	AV	2.3582G	47.50	54.00	-6.50	3	Vertical	160	1.00	-
2437MHz	Pass	AV	2.4438G	84.14	Inf	-Inf	3	Vertical	160	1.00	-
2437MHz	Pass	AV	2.4998G	49.06	54.00	-4.94	3	Vertical	160	1.00	-
2437MHz	Pass	PK	2.373G	59.90	74.00	-14.10	3	Vertical	160	1.00	-
2437MHz	Pass	PK	2.4438G	92.52	Inf	-Inf	3	Vertical	160	1.00	-
2437MHz	Pass	PK	2.489G	60.31	74.00	-13.69	3	Vertical	160	1.00	-
2437MHz	Pass	AV	2.3562G	47.67	54.00	-6.33	3	Horizontal	353	1.00	-
2437MHz	Pass	AV	2.4442G	96.27	Inf	-Inf	3	Horizontal	353	1.00	-
2437MHz	Pass	AV	2.4998G	48.24	54.00	-5.76	3	Horizontal	353	1.00	-
2437MHz	Pass	PK	2.3554G	60.18	74.00	-13.82	3	Horizontal	353	1.00	-
2437MHz	Pass	PK	2.4378G	104.93	Inf	-Inf	3	Horizontal	353	1.00	-
2437MHz	Pass	PK	2.4982G	59.85	74.00	-14.15	3	Horizontal	353	1.00	-
2437MHz	Pass	AV	4.87454G	51.56	54.00	-2.44	3	Vertical	45	2.51	-
2437MHz	Pass	PK	4.87214G	66.04	74.00	-7.96	3	Vertical	45	2.51	-
2437MHz	Pass	AV	4.87394G	53.66	54.00	-0.34	3	Horizontal	337	1.00	-
2437MHz	Pass	PK	4.87226G	68.02	74.00	-5.98	3	Horizontal	337	1.00	-
2457MHz	Pass	AV	2.4502G	88.62	Inf	-Inf	3	Vertical	80	2.61	-
2457MHz	Pass	AV	2.5G	47.00	54.00	-7.00	3	Vertical	80	2.61	-
2457MHz	Pass	PK	2.45G	97.73	Inf	-Inf	3	Vertical	80	2.61	-
2457MHz	Pass	PK	2.4835G	60.08	74.00	-13.92	3	Vertical	80	2.61	-
2457MHz	Pass	AV	2.4574G	97.40	Inf	-Inf	3	Horizontal	12	1.00	-
2457MHz	Pass	AV	2.4835G	49.50	54.00	-4.50	3	Horizontal	12	1.00	-
2457MHz	Pass	PK	2.4578G	106.77	Inf	-Inf	3	Horizontal	12	1.00	-
2457MHz	Pass	PK	2.485G	63.19	74.00	-10.81	3	Horizontal	12	1.00	-
2462MHz	Pass	AV	2.4552G	82.74	Inf	-Inf	3	Vertical	161	1.01	-
2462MHz	Pass	AV	2.5G	48.49	54.00	-5.51	3	Vertical	161	1.01	-
2462MHz	Pass	PK	2.455G	92.12	Inf	-Inf	3	Vertical	161	1.01	-
2462MHz	Pass	PK	2.4835G	61.33	74.00	-12.67	3	Vertical	161	1.01	-
2462MHz	Pass	AV	2.4624G	96.40	Inf	-Inf	3	Horizontal	352	1.14	-
2462MHz	Pass	AV	2.4835G	53.86	54.00	-0.14	3	Horizontal	352	1.14	-
2462MHz	Pass	PK	2.4628G	105.73	Inf	-Inf	3	Horizontal	352	1.14	-

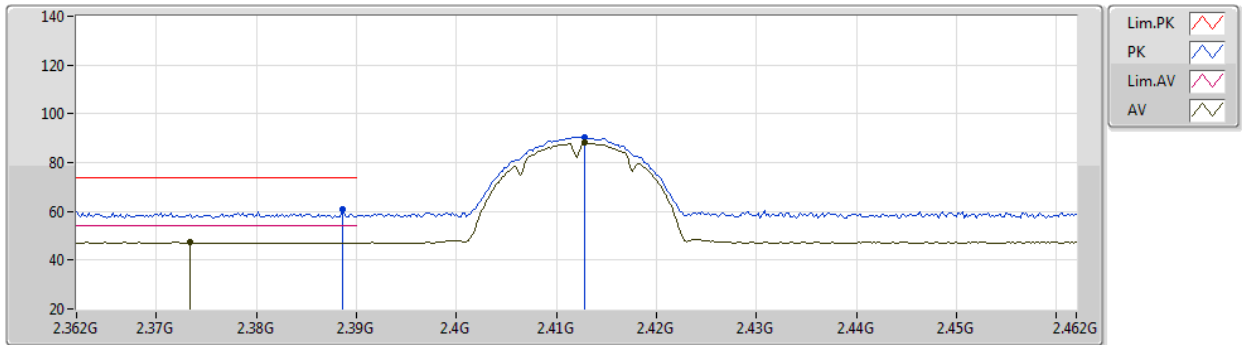
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4836G	72.97	74.00	-1.03	3	Horizontal	352	1.14	-
2462MHz	Pass	AV	4.92424G	51.14	54.00	-2.86	3	Vertical	37	2.38	-
2462MHz	Pass	PK	4.9222G	66.47	74.00	-7.53	3	Vertical	37	2.38	-
2462MHz	Pass	AV	4.92412G	51.94	54.00	-2.06	3	Horizontal	333	1.00	-
2462MHz	Pass	PK	4.92208G	66.52	74.00	-7.48	3	Horizontal	333	1.00	-
802.11n HT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3888G	47.52	54.00	-6.48	3	Vertical	171	1.00	-
2422MHz	Pass	AV	2.4164G	80.32	Inf	-Inf	3	Vertical	171	1.00	-
2422MHz	Pass	AV	2.5G	48.04	54.00	-5.96	3	Vertical	171	1.00	-
2422MHz	Pass	PK	2.386G	62.08	74.00	-11.92	3	Vertical	171	1.00	-
2422MHz	Pass	PK	2.4152G	90.63	Inf	-Inf	3	Vertical	171	1.00	-
2422MHz	Pass	PK	2.496G	59.82	74.00	-14.18	3	Vertical	171	1.00	-
2422MHz	Pass	AV	2.39G	53.84	54.00	-0.16	3	Horizontal	355	1.44	-
2422MHz	Pass	AV	2.4352G	94.01	Inf	-Inf	3	Horizontal	355	1.44	-
2422MHz	Pass	AV	2.4864G	48.16	54.00	-5.84	3	Horizontal	355	1.44	-
2422MHz	Pass	PK	2.386G	71.44	74.00	-2.56	3	Horizontal	355	1.44	-
2422MHz	Pass	PK	2.438G	103.99	Inf	-Inf	3	Horizontal	355	1.44	-
2422MHz	Pass	PK	2.4835G	61.09	74.00	-12.91	3	Horizontal	355	1.44	-
2422MHz	Pass	AV	4.84412G	50.07	54.00	-3.93	3	Vertical	5	2.51	-
2422MHz	Pass	PK	4.84442G	63.29	74.00	-10.71	3	Vertical	5	2.51	-
2422MHz	Pass	AV	4.84418G	49.44	54.00	-4.56	3	Horizontal	325	1.00	-
2422MHz	Pass	PK	4.84418G	63.02	74.00	-10.98	3	Horizontal	325	1.00	-
2427MHz	Pass	AV	2.3898G	47.69	54.00	-6.31	3	Vertical	169	1.00	-
2427MHz	Pass	AV	2.4178G	80.60	Inf	-Inf	3	Vertical	169	1.00	-
2427MHz	Pass	AV	2.4998G	47.68	54.00	-6.32	3	Vertical	169	1.00	-
2427MHz	Pass	PK	2.3886G	60.72	74.00	-13.28	3	Vertical	169	1.00	-
2427MHz	Pass	PK	2.4194G	90.58	Inf	-Inf	3	Vertical	169	1.00	-
2427MHz	Pass	PK	2.4882G	59.63	74.00	-14.37	3	Vertical	169	1.00	-
2427MHz	Pass	AV	2.3898G	52.95	54.00	-1.05	3	Horizontal	353	1.43	-
2427MHz	Pass	AV	2.4362G	93.91	Inf	-Inf	3	Horizontal	353	1.43	-
2427MHz	Pass	AV	2.4835G	49.26	54.00	-4.74	3	Horizontal	353	1.43	-
2427MHz	Pass	PK	2.3886G	66.81	74.00	-7.19	3	Horizontal	353	1.43	-
2427MHz	Pass	PK	2.4338G	103.43	Inf	-Inf	3	Horizontal	353	1.43	-
2427MHz	Pass	PK	2.4974G	60.64	74.00	-13.36	3	Horizontal	353	1.43	-
2437MHz	Pass	AV	2.3898G	46.85	54.00	-7.15	3	Vertical	172	1.01	-
2437MHz	Pass	AV	2.4446G	80.95	Inf	-Inf	3	Vertical	172	1.01	-
2437MHz	Pass	AV	2.4998G	47.44	54.00	-6.56	3	Vertical	172	1.01	-
2437MHz	Pass	PK	2.3566G	60.23	74.00	-13.77	3	Vertical	172	1.01	-
2437MHz	Pass	PK	2.4438G	90.94	Inf	-Inf	3	Vertical	172	1.01	-
2437MHz	Pass	PK	2.4994G	59.84	74.00	-14.16	3	Vertical	172	1.01	-
2437MHz	Pass	AV	2.3898G	49.38	54.00	-4.62	3	Horizontal	353	1.17	-
2437MHz	Pass	AV	2.4502G	94.37	Inf	-Inf	3	Horizontal	353	1.17	-
2437MHz	Pass	AV	2.4835G	53.39	54.00	-0.61	3	Horizontal	353	1.17	-
2437MHz	Pass	PK	2.389G	62.44	74.00	-11.56	3	Horizontal	353	1.17	-
2437MHz	Pass	PK	2.4526G	104.08	Inf	-Inf	3	Horizontal	353	1.17	-
2437MHz	Pass	PK	2.4835G	66.95	74.00	-7.05	3	Horizontal	353	1.17	-
2437MHz	Pass	AV	4.87416G	53.37	54.00	-0.63	3	Vertical	4	2.62	-
2437MHz	Pass	PK	4.88064G	66.74	74.00	-7.26	3	Vertical	4	2.62	-
2437MHz	Pass	AV	4.87418G	51.99	54.00	-2.01	3	Horizontal	326	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	4.88054G	65.33	74.00	-8.67	3	Horizontal	326	1.00	-
2447MHz	Pass	AV	2.3558G	46.80	54.00	-7.20	3	Vertical	173	1.00	-
2447MHz	Pass	AV	2.4438G	79.45	Inf	-Inf	3	Vertical	173	1.00	-
2447MHz	Pass	AV	2.4998G	47.55	54.00	-6.45	3	Vertical	173	1.00	-
2447MHz	Pass	PK	2.3742G	59.91	74.00	-14.09	3	Vertical	173	1.00	-
2447MHz	Pass	PK	2.4398G	89.21	Inf	-Inf	3	Vertical	173	1.00	-
2447MHz	Pass	PK	2.4854G	60.70	74.00	-13.30	3	Vertical	173	1.00	-
2447MHz	Pass	AV	2.3818G	47.02	54.00	-6.98	3	Horizontal	355	1.17	-
2447MHz	Pass	AV	2.4526G	93.53	Inf	-Inf	3	Horizontal	355	1.17	-
2447MHz	Pass	AV	2.4835G	53.70	54.00	-0.30	3	Horizontal	355	1.17	-
2447MHz	Pass	PK	2.3638G	59.94	74.00	-14.06	3	Horizontal	355	1.17	-
2447MHz	Pass	PK	2.4538G	103.64	Inf	-Inf	3	Horizontal	355	1.17	-
2447MHz	Pass	PK	2.4835G	71.56	74.00	-2.44	3	Horizontal	355	1.17	-
2452MHz	Pass	AV	2.3708G	46.75	54.00	-7.25	3	Vertical	172	1.00	-
2452MHz	Pass	AV	2.4464G	79.16	Inf	-Inf	3	Vertical	172	1.00	-
2452MHz	Pass	AV	2.5G	47.69	54.00	-6.31	3	Vertical	172	1.00	-
2452MHz	Pass	PK	2.3584G	60.22	74.00	-13.78	3	Vertical	172	1.00	-
2452MHz	Pass	PK	2.4452G	89.43	Inf	-Inf	3	Vertical	172	1.00	-
2452MHz	Pass	PK	2.4896G	60.12	74.00	-13.88	3	Vertical	172	1.00	-
2452MHz	Pass	AV	2.3848G	46.98	54.00	-7.02	3	Horizontal	354	1.12	-
2452MHz	Pass	AV	2.4652G	93.05	Inf	-Inf	3	Horizontal	354	1.12	-
2452MHz	Pass	AV	2.4835G	53.84	54.00	-0.16	3	Horizontal	354	1.12	-
2452MHz	Pass	PK	2.352G	59.62	74.00	-14.38	3	Horizontal	354	1.12	-
2452MHz	Pass	PK	2.4676G	103.15	Inf	-Inf	3	Horizontal	354	1.12	-
2452MHz	Pass	PK	2.4876G	70.86	74.00	-3.14	3	Horizontal	354	1.12	-
2452MHz	Pass	AV	4.90424G	50.56	54.00	-3.44	3	Vertical	1	2.59	-
2452MHz	Pass	PK	4.9106G	63.83	74.00	-10.17	3	Vertical	1	2.59	-
2452MHz	Pass	AV	4.904G	46.83	54.00	-7.17	3	Horizontal	129	1.50	-
2452MHz	Pass	PK	4.9103G	59.99	74.00	-14.01	3	Horizontal	129	1.50	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2412MHz_TX

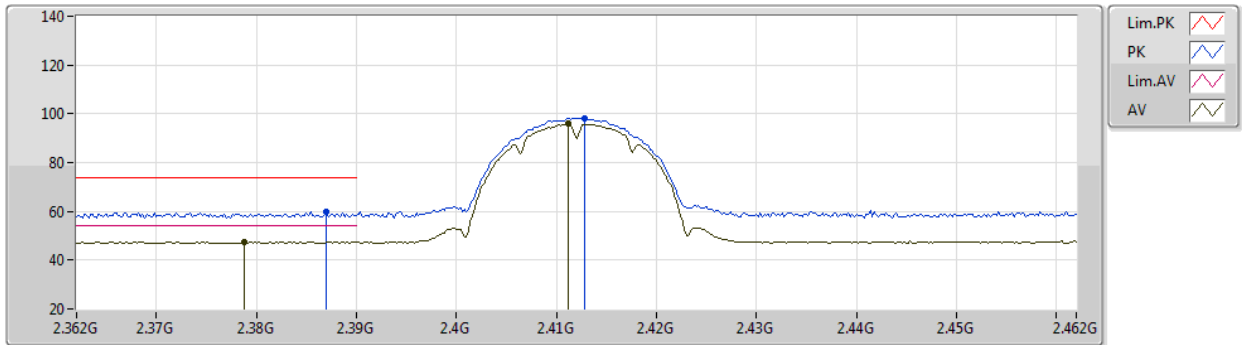


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3734G	47.30	54.00	-6.70	35.05	3	Vertical	82	2.64	-	12.25	27.71	7.34	-
AV	2.4128G	88.04	Inf	-Inf	34.93	3	Vertical	82	2.64	-	53.11	27.59	7.34	-
PK	2.3886G	60.93	74.00	-13.07	34.98	3	Vertical	82	2.64	-	25.95	27.65	7.33	-
PK	2.4128G	90.32	Inf	-Inf	34.93	3	Vertical	82	2.64	-	55.39	27.59	7.34	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2412MHz_TX

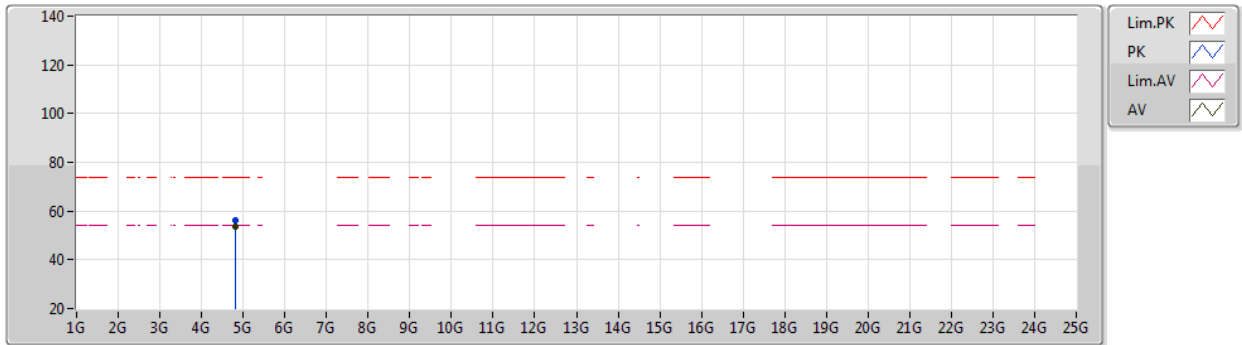


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3788G	47.51	54.00	-6.49	35.01	3	Horizontal	14	1.00	-	12.50	27.68	7.33	-
AV	2.4112G	95.82	Inf	-Inf	34.93	3	Horizontal	14	1.00	-	60.89	27.59	7.34	-
PK	2.387G	59.74	74.00	-14.26	34.98	3	Horizontal	14	1.00	-	24.76	27.65	7.33	-
PK	2.4128G	98.07	Inf	-Inf	34.93	3	Horizontal	14	1.00	-	63.14	27.59	7.34	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2412MHz_TX

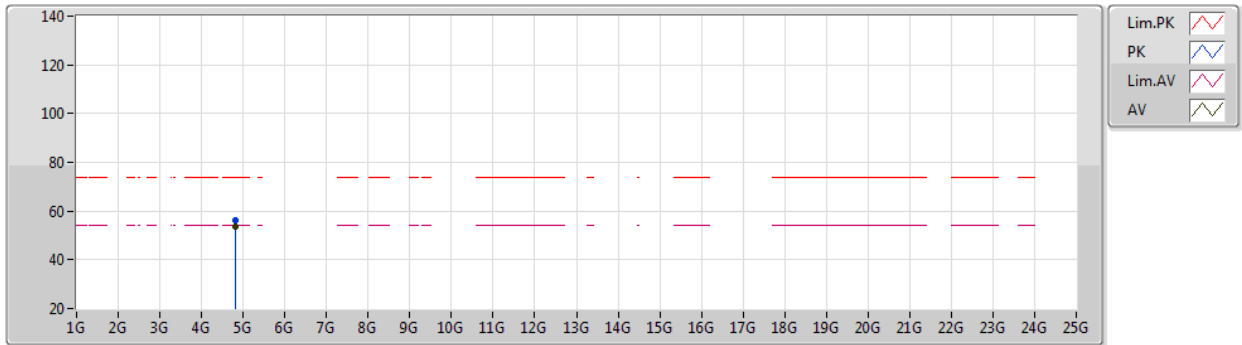


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	53.71	54.00	-0.29	6.99	3	Vertical	25	3.00	-	46.72	31.10	9.94	34.05
PK	4.824G	56.25	74.00	-17.75	6.99	3	Vertical	25	3.00	-	49.26	31.10	9.94	34.05

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2412MHz_TX

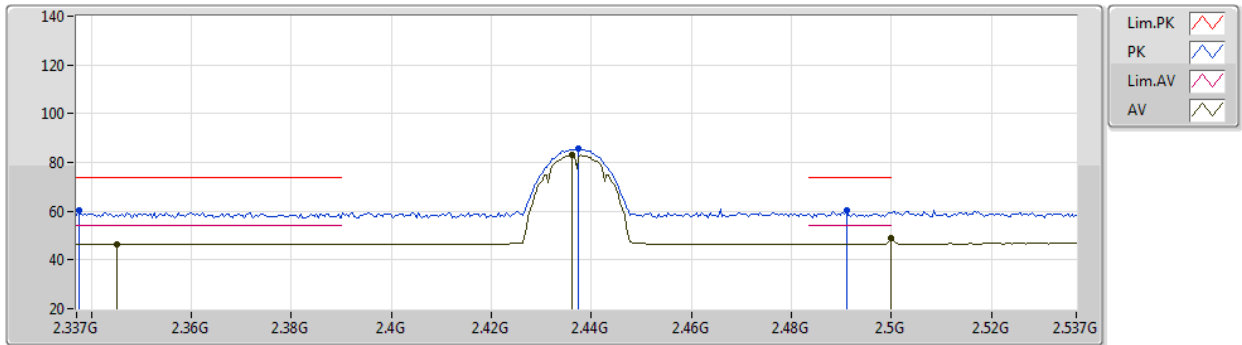


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	53.83	54.00	-0.17	6.99	3	Horizontal	338	3.00	-	46.84	31.10	9.94	34.05
PK	4.824G	56.30	74.00	-17.70	6.99	3	Horizontal	338	3.00	-	49.31	31.10	9.94	34.05

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2437MHz_TX

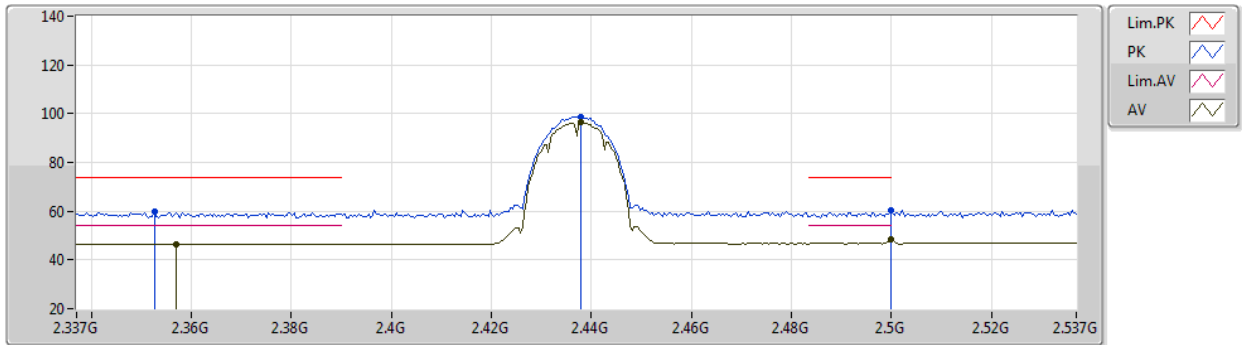


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.345G	46.44	54.00	-7.56	35.16	3	Vertical	159	1.00	-	11.28	27.82	7.34	-
AV	2.4362G	83.06	Inf	-Inf	34.91	3	Vertical	159	1.00	-	48.15	27.56	7.35	-
AV	2.4998G	48.83	54.00	-5.17	34.87	3	Vertical	159	1.00	-	13.96	27.50	7.37	-
PK	2.3374G	60.27	74.00	-13.73	35.19	3	Vertical	159	1.00	-	25.08	27.85	7.34	-
PK	2.4374G	85.47	Inf	-Inf	34.91	3	Vertical	159	1.00	-	50.56	27.56	7.35	-
PK	2.491G	60.15	74.00	-13.85	34.88	3	Vertical	159	1.00	-	25.27	27.51	7.37	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2437MHz_TX

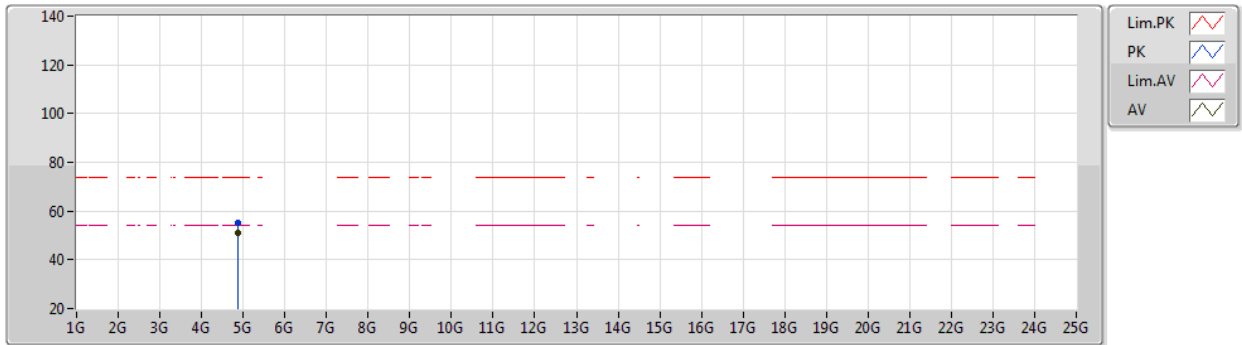


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.357G	46.52	54.00	-7.48	35.11	3	Horizontal	355	1.00	-	11.41	27.77	7.34	-
AV	2.4378G	96.30	Inf	-Inf	34.91	3	Horizontal	355	1.00	-	61.39	27.56	7.35	-
AV	2.4998G	48.48	54.00	-5.52	34.87	3	Horizontal	355	1.00	-	13.61	27.50	7.37	-
PK	2.3526G	59.67	74.00	-14.33	35.13	3	Horizontal	355	1.00	-	24.54	27.79	7.34	-
PK	2.4378G	98.70	Inf	-Inf	34.91	3	Horizontal	355	1.00	-	63.79	27.56	7.35	-
PK	2.4998G	60.36	74.00	-13.64	34.87	3	Horizontal	355	1.00	-	25.49	27.50	7.37	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2437MHz_TX

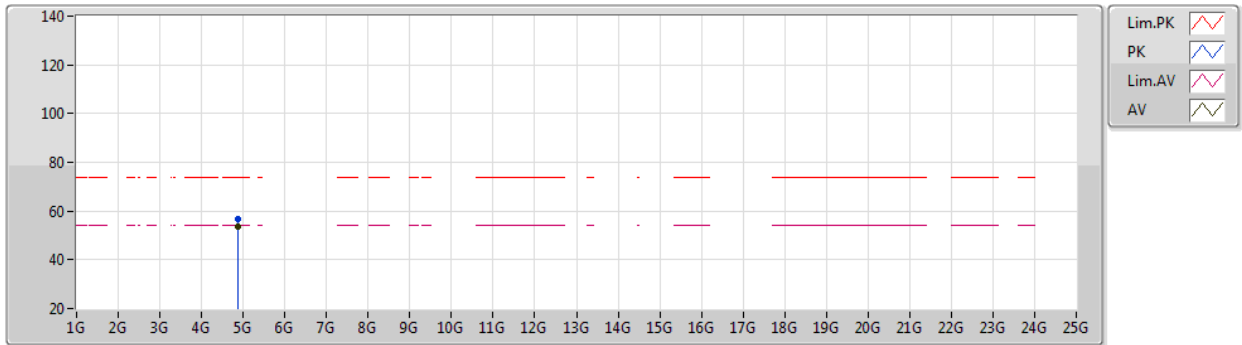


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87401G	51.23	54.00	-2.77	7.03	3	Vertical	39	2.29	-	44.20	31.10	9.98	34.05
PK	4.87391G	55.06	74.00	-18.94	7.03	3	Vertical	39	2.29	-	48.03	31.10	9.98	34.05

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2437MHz_TX

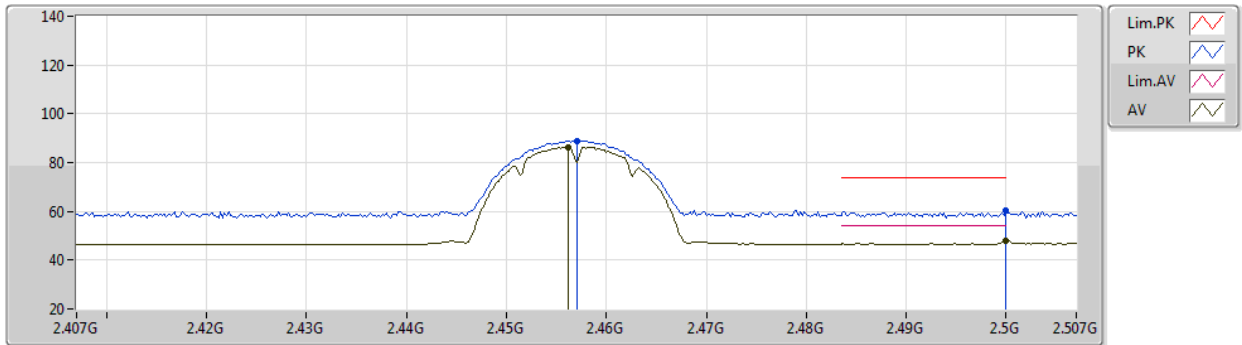


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	53.65	54.00	-0.35	7.03	3	Horizontal	335	1.00	-	46.62	31.10	9.98	34.05
PK	4.87395G	56.68	74.00	-17.32	7.03	3	Horizontal	335	1.00	-	49.65	31.10	9.98	34.05

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

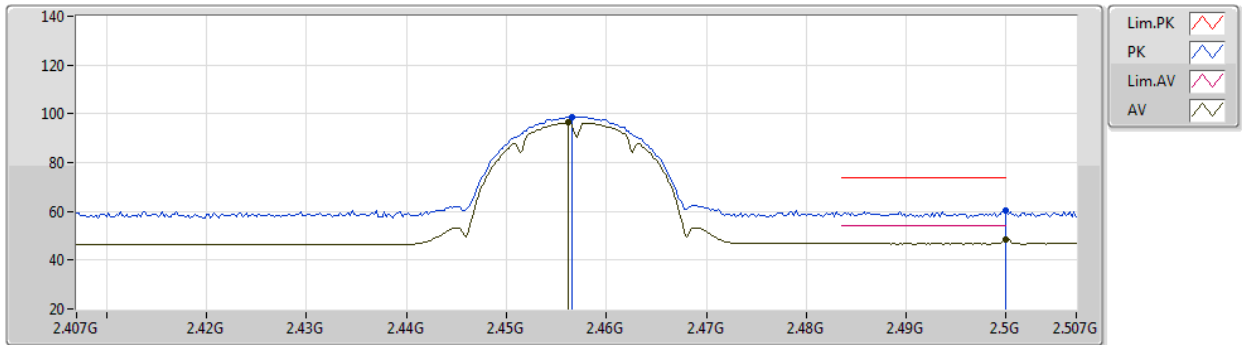
2457MHz_TX



802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2457MHz_TX

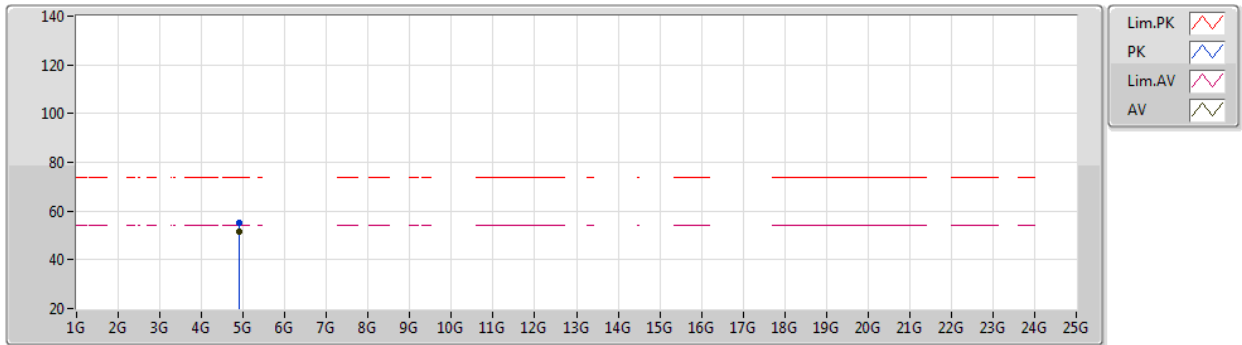


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	96.42	Inf	-Inf	34.90	3	Horizontal	354	1.00	-	61.52	27.54	7.36	-
AV	2.5G	48.29	54.00	-5.71	34.87	3	Horizontal	354	1.00	-	13.42	27.50	7.37	-
PK	2.4566G	98.73	Inf	-Inf	34.90	3	Horizontal	354	1.00	-	63.83	27.54	7.36	-
PK	2.5G	60.19	74.00	-13.81	34.87	3	Horizontal	354	1.00	-	25.32	27.50	7.37	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2457MHz_TX

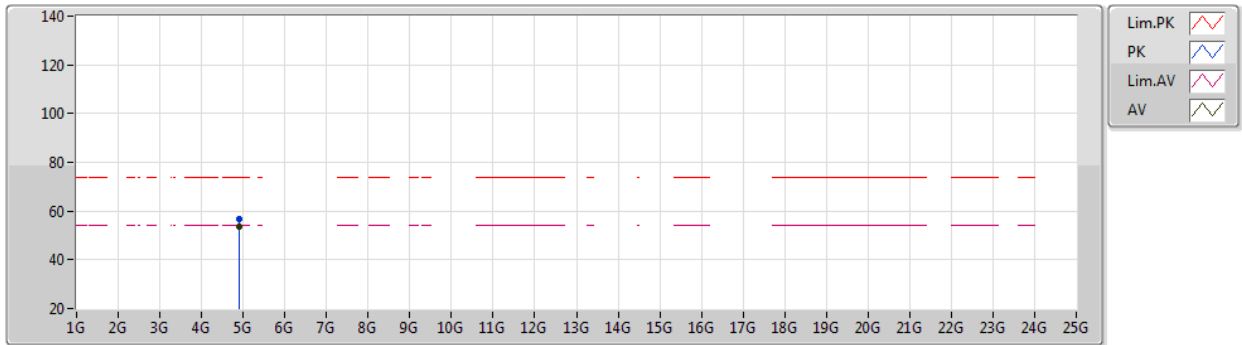


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91399G	51.39	54.00	-2.61	7.12	3	Vertical	51	1.00	-	44.27	31.16	10.01	34.05
PK	4.91402G	55.31	74.00	-18.69	7.12	3	Vertical	51	1.00	-	48.19	31.16	10.01	34.05

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2457MHz_TX

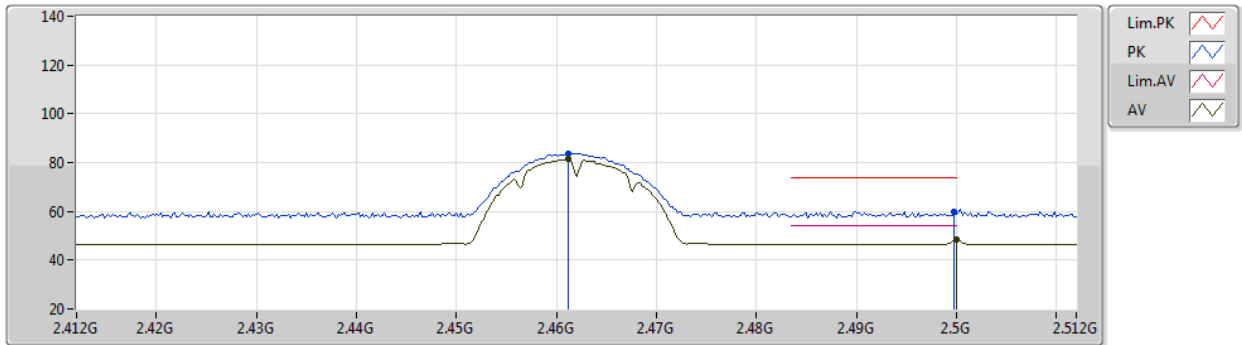


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91401G	53.80	54.00	-0.20	7.12	3	Horizontal	335	1.00	-	46.68	31.16	10.01	34.05
PK	4.91396G	56.61	74.00	-17.39	7.12	3	Horizontal	335	1.00	-	49.49	31.16	10.01	34.05

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2462MHz_TX

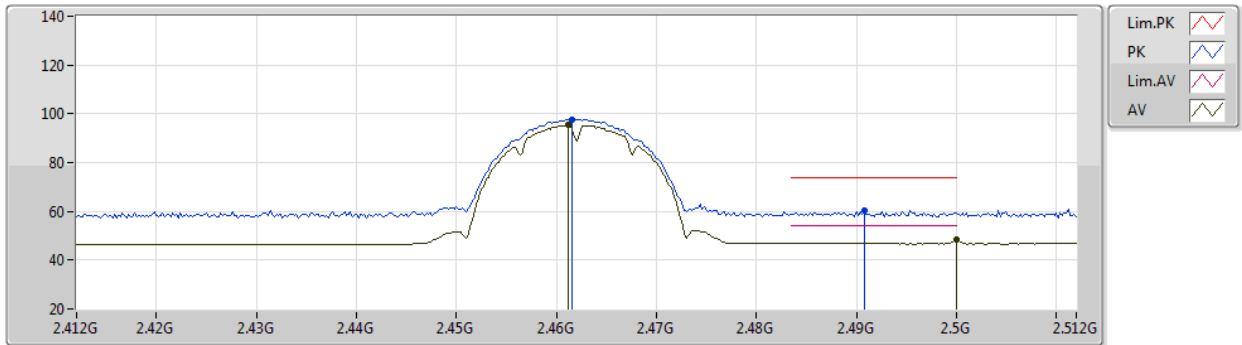


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	81.30	Inf	-Inf	34.90	3	Vertical	158	1.00	-	46.40	27.54	7.36	-
AV	2.5G	48.42	54.00	-5.58	34.87	3	Vertical	158	1.00	-	13.55	27.50	7.37	-
PK	2.4612G	83.79	Inf	-Inf	34.90	3	Vertical	158	1.00	-	48.89	27.54	7.36	-
PK	2.4998G	60.05	74.00	-13.95	34.87	3	Vertical	158	1.00	-	25.18	27.50	7.37	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2462MHz_TX

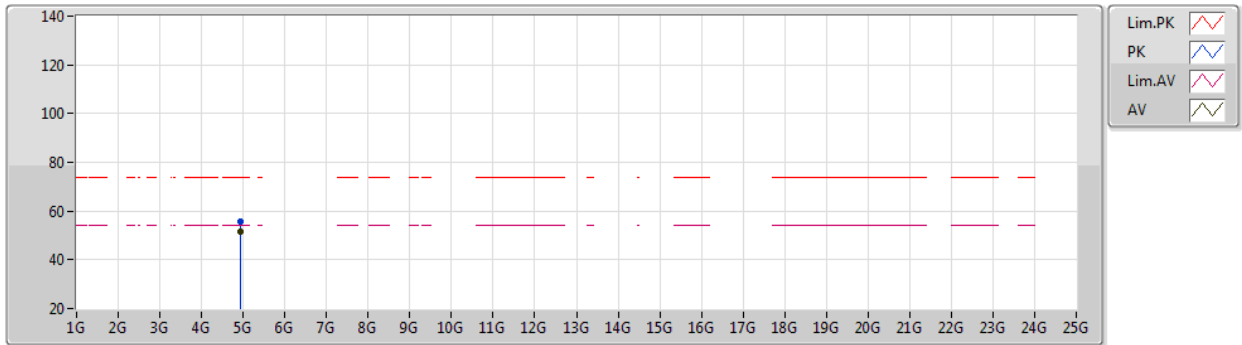


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	95.33	Inf	-Inf	34.90	3	Horizontal	354	1.00	-	60.43	27.54	7.36	-
AV	2.5G	48.22	54.00	-5.78	34.87	3	Horizontal	354	1.00	-	13.35	27.50	7.37	-
PK	2.4616G	97.69	Inf	-Inf	34.90	3	Horizontal	354	1.00	-	62.79	27.54	7.36	-
PK	2.4908G	60.29	74.00	-13.71	34.88	3	Horizontal	354	1.00	-	25.41	27.51	7.37	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2462MHz_TX

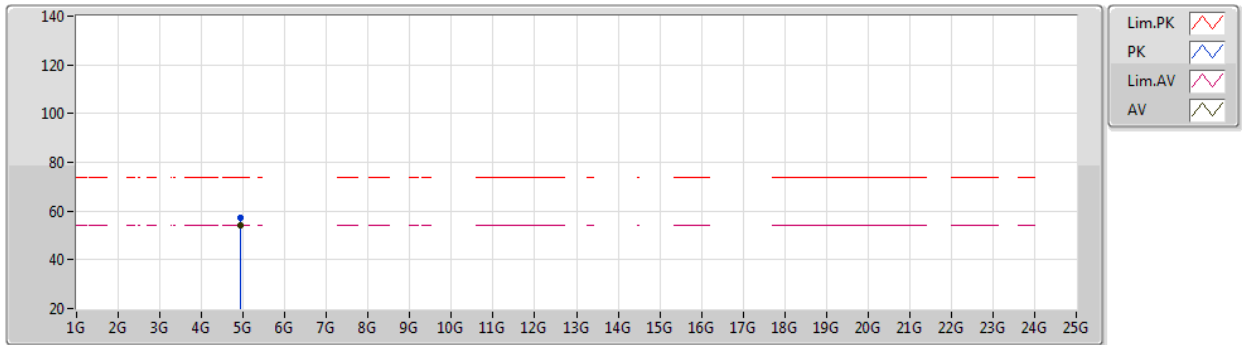


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	51.73	54.00	-2.27	7.17	3	Vertical	42	2.36	-	44.56	31.20	10.02	34.05
PK	4.92403G	55.46	74.00	-18.54	7.17	3	Vertical	42	2.36	-	48.29	31.20	10.02	34.05

802.11b_Nss1,(1Mbps)_2TX

23/10/2019

2462MHz_TX

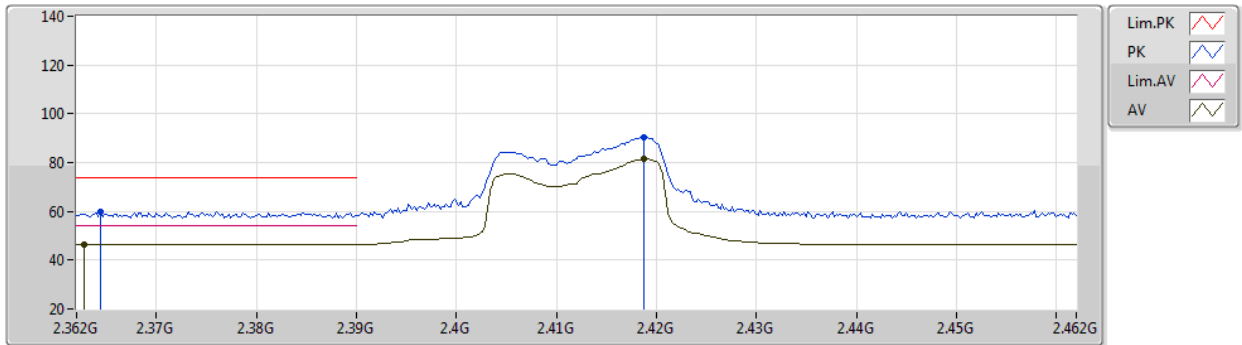


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	53.90	54.00	-0.10	7.17	3	Horizontal	336	1.00	-	46.73	31.20	10.02	34.05
PK	4.92404G	57.28	74.00	-16.72	7.17	3	Horizontal	336	1.00	-	50.11	31.20	10.02	34.05

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2412MHz_TX

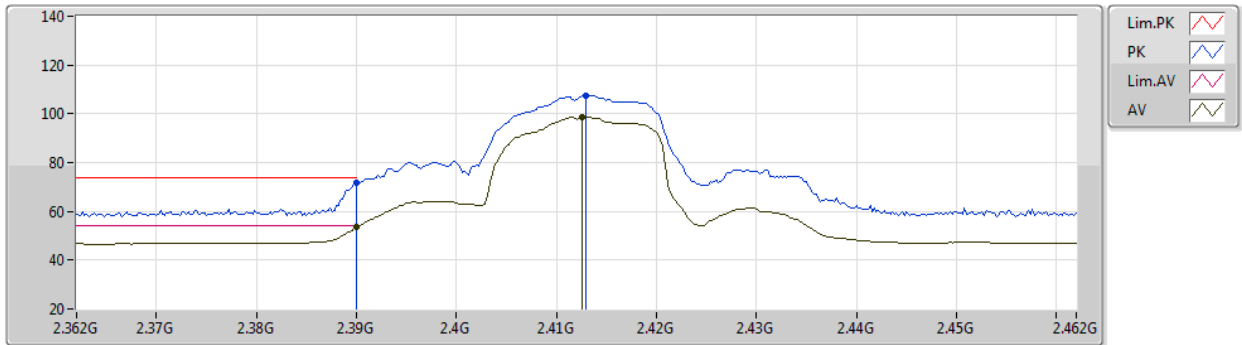


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3628G	46.39	54.00	-7.61	35.09	3	Vertical	201	1.50	-	11.30	27.75	7.34	-
AV	2.4188G	81.39	Inf	-Inf	34.92	3	Vertical	201	1.50	-	46.47	27.58	7.34	-
PK	2.3644G	59.95	74.00	-14.05	35.08	3	Vertical	201	1.50	-	24.87	27.74	7.34	-
PK	2.4188G	90.59	Inf	-Inf	34.92	3	Vertical	201	1.50	-	55.67	27.58	7.34	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2412MHz_TX

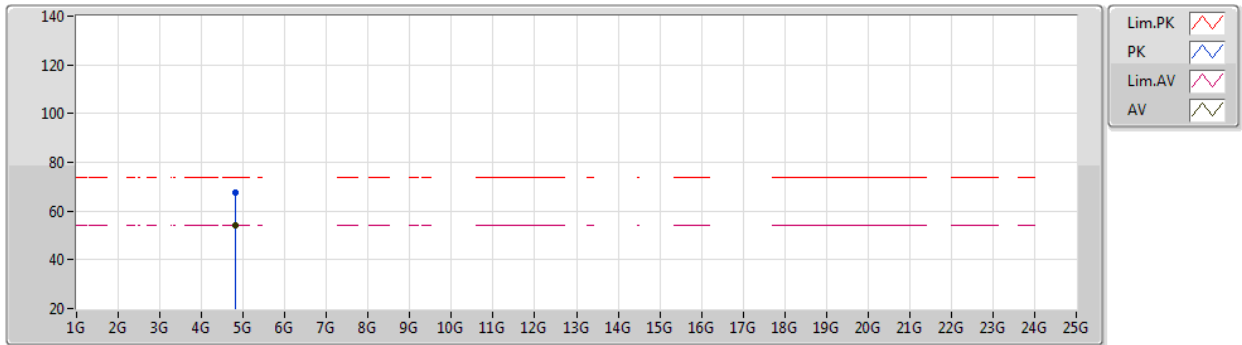


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.42	54.00	-0.58	34.97	3	Horizontal	356	1.00	-	18.45	27.64	7.33	-
AV	2.4126G	98.79	Inf	-Inf	34.93	3	Horizontal	356	1.00	-	63.86	27.59	7.34	-
PK	2.39G	71.75	74.00	-2.25	34.97	3	Horizontal	356	1.00	-	36.78	27.64	7.33	-
PK	2.413G	107.58	Inf	-Inf	34.93	3	Horizontal	356	1.00	-	72.65	27.59	7.34	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2412MHz_TX

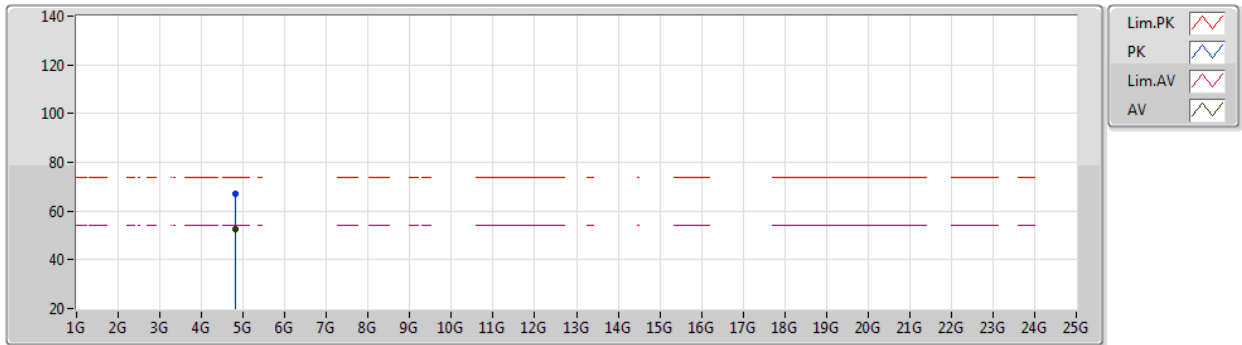


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8242G	53.90	54.00	-0.10	6.99	3	Vertical	26	2.81	-	46.91	31.10	9.94	34.05
PK	4.8249G	67.82	74.00	-6.18	6.99	3	Vertical	26	2.81	-	60.83	31.10	9.94	34.05

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2412MHz_TX

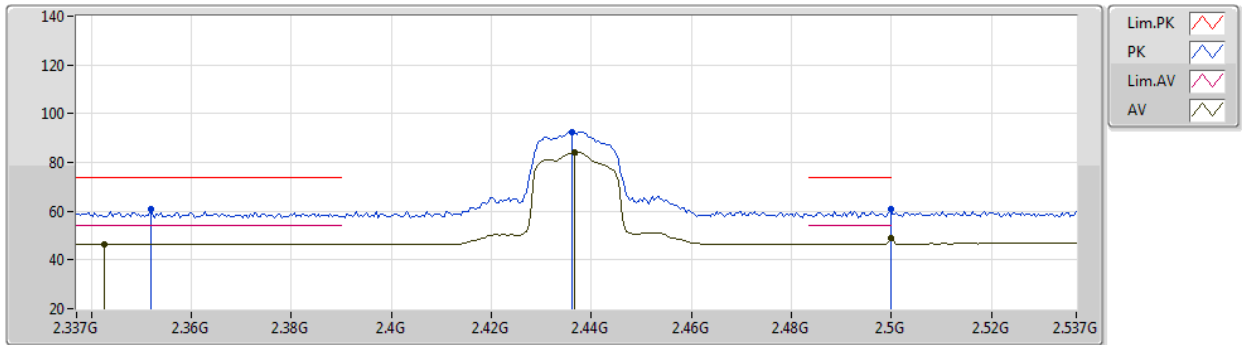


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.826G	52.76	54.00	-1.24	6.99	3	Horizontal	335	1.00	-	45.77	31.10	9.94	34.05
PK	4.8249G	67.06	74.00	-6.94	6.99	3	Horizontal	335	1.00	-	60.07	31.10	9.94	34.05

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2437MHz_TX

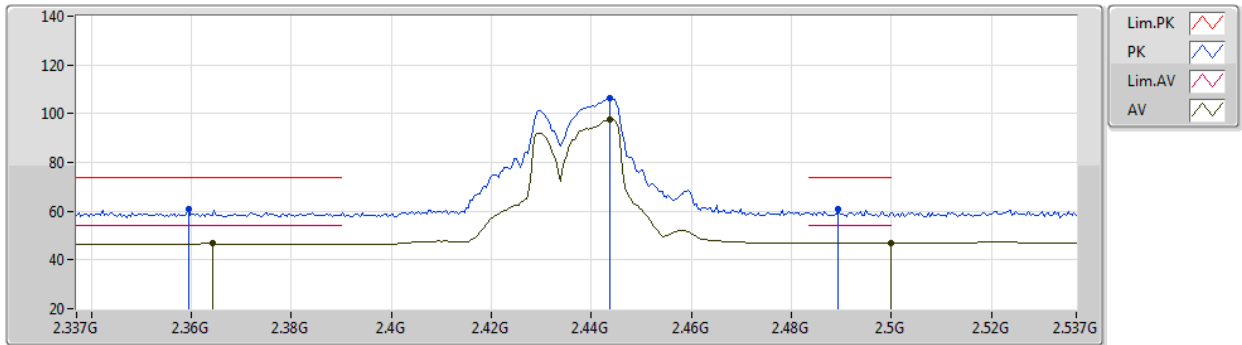


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3426G	46.46	54.00	-7.54	35.17	3	Vertical	159	1.00	-	11.29	27.83	7.34	-
AV	2.4366G	84.07	Inf	-Inf	34.91	3	Vertical	159	1.00	-	49.16	27.56	7.35	-
AV	2.4998G	48.85	54.00	-5.15	34.87	3	Vertical	159	1.00	-	13.98	27.50	7.37	-
PK	2.3518G	61.05	74.00	-12.95	35.13	3	Vertical	159	1.00	-	25.92	27.79	7.34	-
PK	2.4362G	92.67	Inf	-Inf	34.91	3	Vertical	159	1.00	-	57.76	27.56	7.35	-
PK	2.4998G	60.80	74.00	-13.20	34.87	3	Vertical	159	1.00	-	25.93	27.50	7.37	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2437MHz_TX

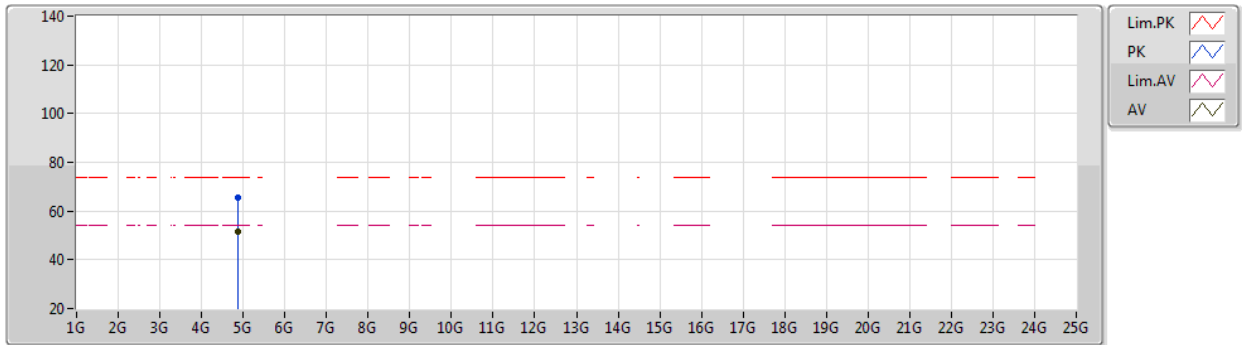


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3642G	46.71	54.00	-7.29	35.08	3	Horizontal	6	1.00	-	11.63	27.74	7.34	-
AV	2.4438G	97.53	Inf	-Inf	34.91	3	Horizontal	6	1.00	-	62.62	27.56	7.35	-
AV	2.4998G	47.03	54.00	-6.97	34.87	3	Horizontal	6	1.00	-	12.16	27.50	7.37	-
PK	2.3594G	60.61	74.00	-13.39	35.10	3	Horizontal	6	1.00	-	25.51	27.76	7.34	-
PK	2.4438G	106.51	Inf	-Inf	34.91	3	Horizontal	6	1.00	-	71.60	27.56	7.35	-
PK	2.4894G	60.72	74.00	-13.28	34.88	3	Horizontal	6	1.00	-	25.84	27.51	7.37	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2437MHz_TX

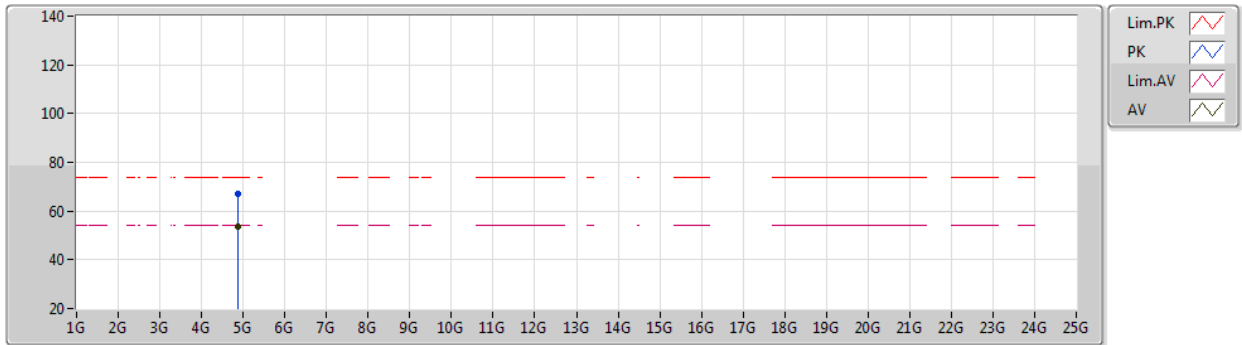


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8742G	51.43	54.00	-2.57	7.03	3	Vertical	30	2.56	-	44.40	31.10	9.98	34.05
PK	4.875G	65.50	74.00	-8.50	7.03	3	Vertical	30	2.56	-	58.47	31.10	9.98	34.05

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2437MHz_TX

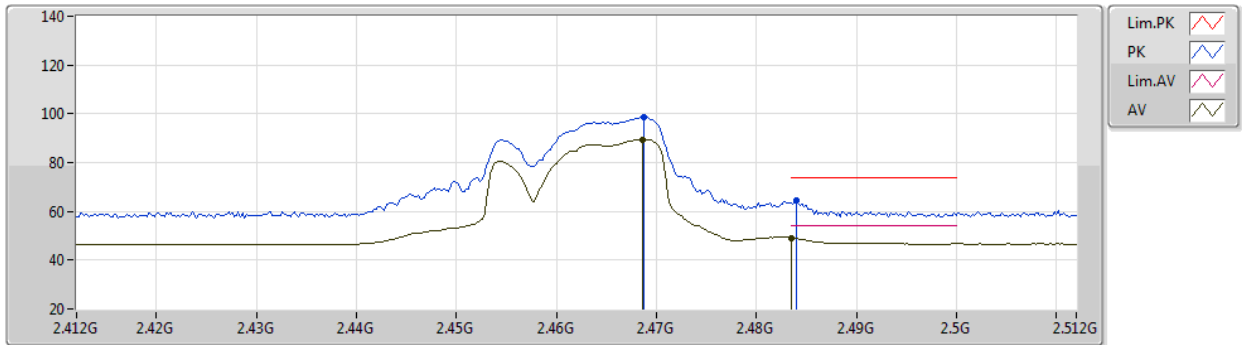


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8742G	53.51	54.00	-0.49	7.03	3	Horizontal	332	1.00	-	46.48	31.10	9.98	34.05
PK	4.8751G	67.11	74.00	-6.89	7.03	3	Horizontal	332	1.00	-	60.08	31.10	9.98	34.05

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2462MHz_TX

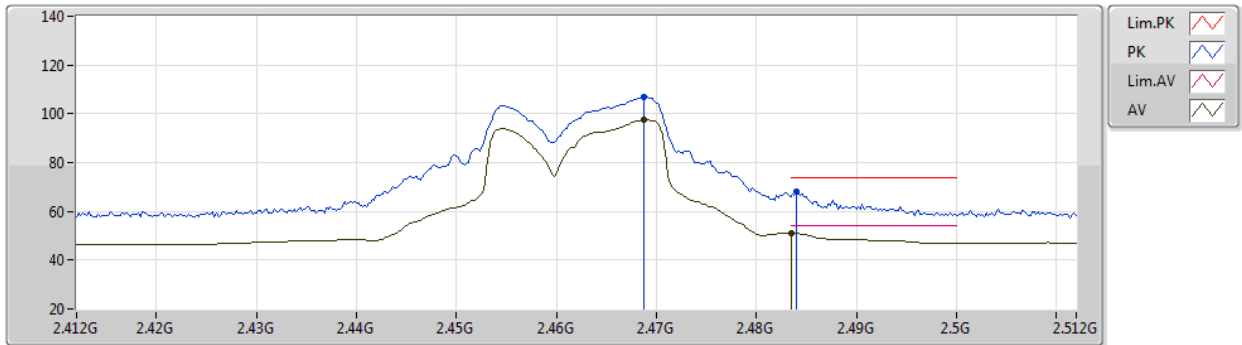


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4686G	89.46	Inf	-Inf	34.89	3	Vertical	80	3.00	-	54.57	27.53	7.36	-
AV	2.4835G	49.08	54.00	-4.92	34.89	3	Vertical	80	3.00	-	14.19	27.52	7.37	-
PK	2.4688G	98.59	Inf	-Inf	34.89	3	Vertical	80	3.00	-	63.70	27.53	7.36	-
PK	2.484G	64.23	74.00	-9.77	34.89	3	Vertical	80	3.00	-	29.34	27.52	7.37	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2462MHz_TX

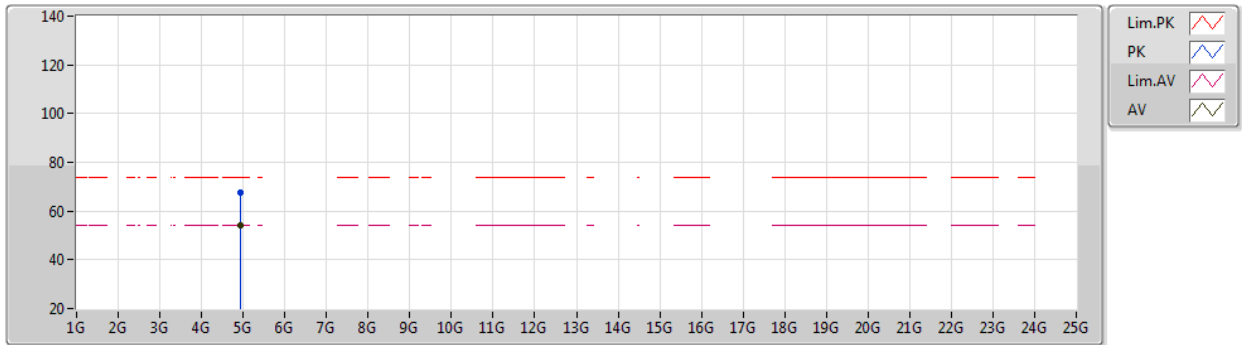


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4688G	97.42	Inf	-Inf	34.89	3	Horizontal	8	1.00	-	62.53	27.53	7.36	-
AV	2.4835G	51.08	54.00	-2.92	34.89	3	Horizontal	8	1.00	-	16.19	27.52	7.37	-
PK	2.4688G	106.84	Inf	-Inf	34.89	3	Horizontal	8	1.00	-	71.95	27.53	7.36	-
PK	2.484G	67.87	74.00	-6.13	34.89	3	Horizontal	8	1.00	-	32.98	27.52	7.37	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2462MHz_TX

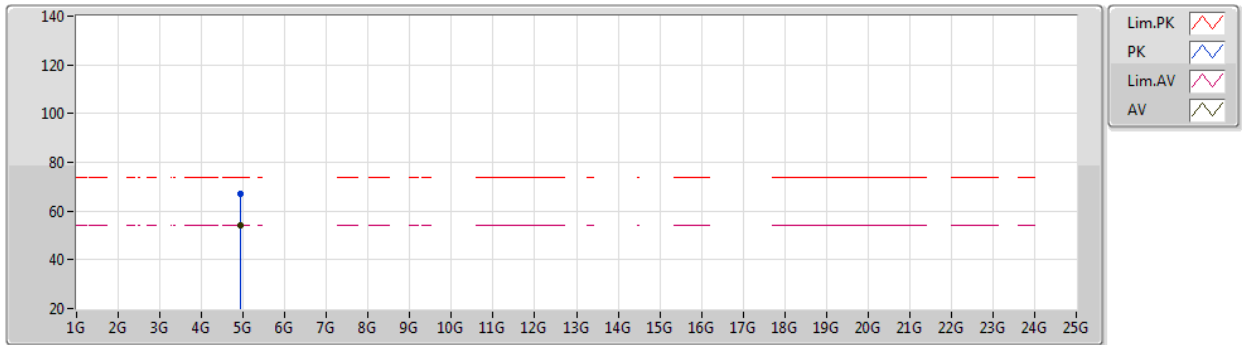


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92412G	53.95	54.00	-0.05	7.17	3	Vertical	47	2.36	-	46.78	31.20	10.02	34.05
PK	4.92472G	67.60	74.00	-6.40	7.17	3	Vertical	47	2.36	-	60.43	31.20	10.02	34.05

802.11g_Nss1,(6Mbps)_2TX

23/10/2019

2462MHz_TX

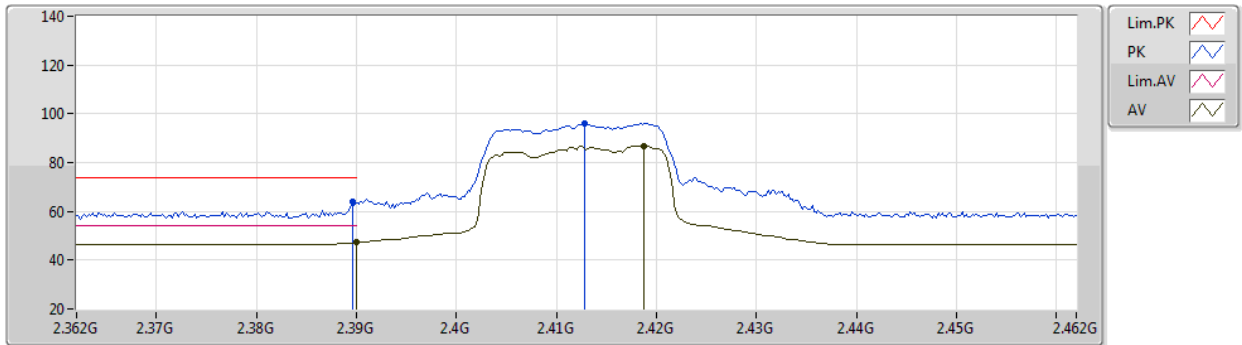


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92418G	53.90	54.00	-0.10	7.17	3	Horizontal	335	1.00	-	46.73	31.20	10.02	34.05
PK	4.9249G	67.16	74.00	-6.84	7.17	3	Horizontal	335	1.00	-	59.99	31.20	10.02	34.05

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2412MHz_TX

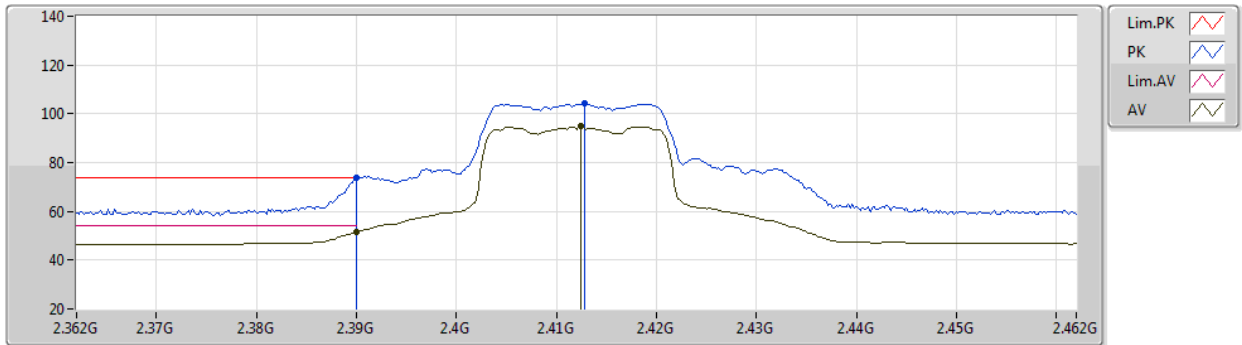


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.26	54.00	-6.74	34.97	3	Vertical	79	2.65	-	12.29	27.64	7.33	-
AV	2.4188G	86.87	Inf	-Inf	34.92	3	Vertical	79	2.65	-	51.95	27.58	7.34	-
PK	2.3896G	63.83	74.00	-10.17	34.97	3	Vertical	79	2.65	-	28.86	27.64	7.33	-
PK	2.4128G	95.90	Inf	-Inf	34.93	3	Vertical	79	2.65	-	60.97	27.59	7.34	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2412MHz_TX

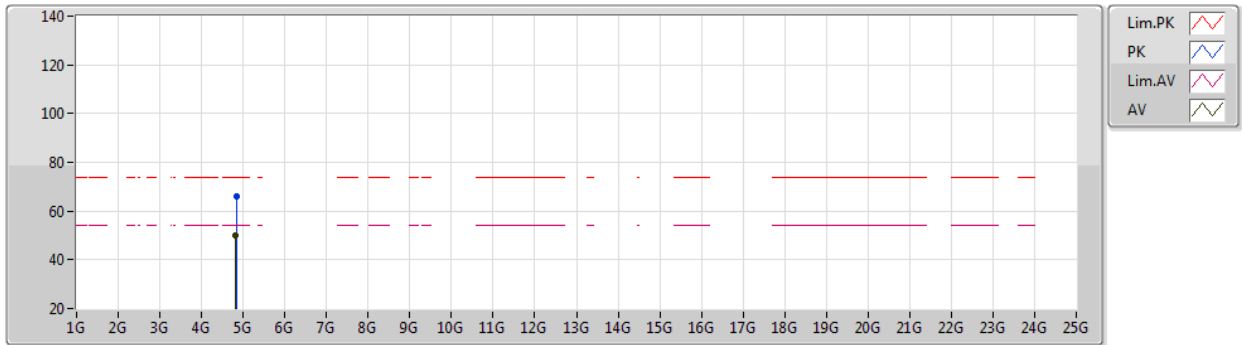


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.49	54.00	-2.51	34.97	3	Horizontal	11	1.00	-	16.52	27.64	7.33	-
AV	2.4124G	94.85	Inf	-Inf	34.93	3	Horizontal	11	1.00	-	59.92	27.59	7.34	-
PK	2.39G	73.89	74.00	-0.11	34.97	3	Horizontal	11	1.00	-	38.92	27.64	7.33	-
PK	2.4128G	104.24	Inf	-Inf	34.93	3	Horizontal	11	1.00	-	69.31	27.59	7.34	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2412MHz_TX

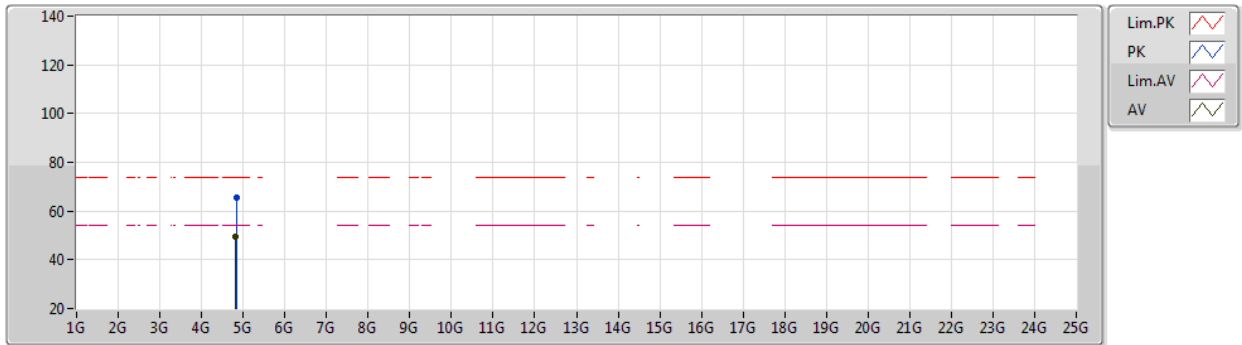


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82392G	50.14	54.00	-3.86	6.99	3	Vertical	22	2.79	-	43.15	31.10	9.94	34.05
PK	4.83044G	66.02	74.00	-7.98	6.99	3	Vertical	22	2.79	-	59.03	31.10	9.94	34.05

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2412MHz_TX

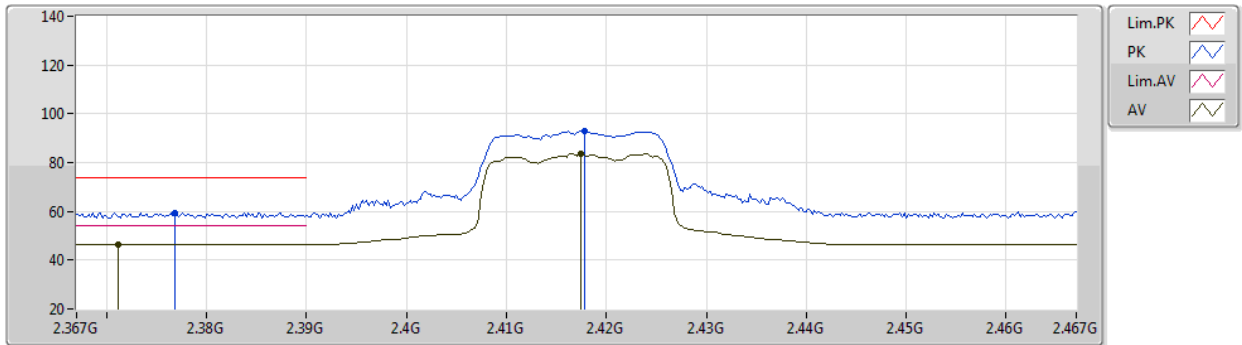


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82472G	49.23	54.00	-4.77	6.99	3	Horizontal	337	3.00	-	42.24	31.10	9.94	34.05
PK	4.83124G	65.49	74.00	-8.51	6.99	3	Horizontal	337	3.00	-	58.50	31.10	9.94	34.05

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2417MHz_TX

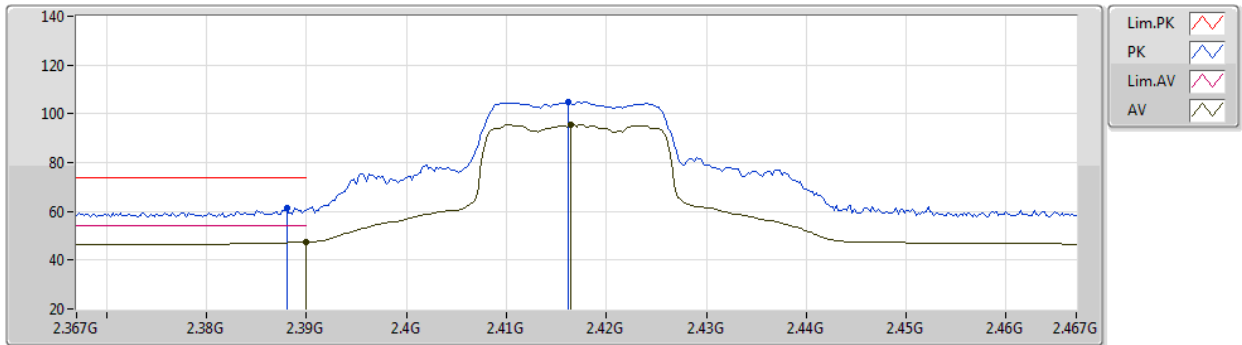


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3712G	46.36	54.00	-7.64	35.06	3	Vertical	159	1.00	-	11.30	27.72	7.34	-
AV	2.4174G	83.75	Inf	-Inf	34.92	3	Vertical	159	1.00	-	48.83	27.58	7.34	-
PK	2.3768G	59.54	74.00	-14.46	35.03	3	Vertical	159	1.00	-	24.51	27.69	7.34	-
PK	2.4178G	93.11	Inf	-Inf	34.92	3	Vertical	159	1.00	-	58.19	27.58	7.34	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2417MHz_TX

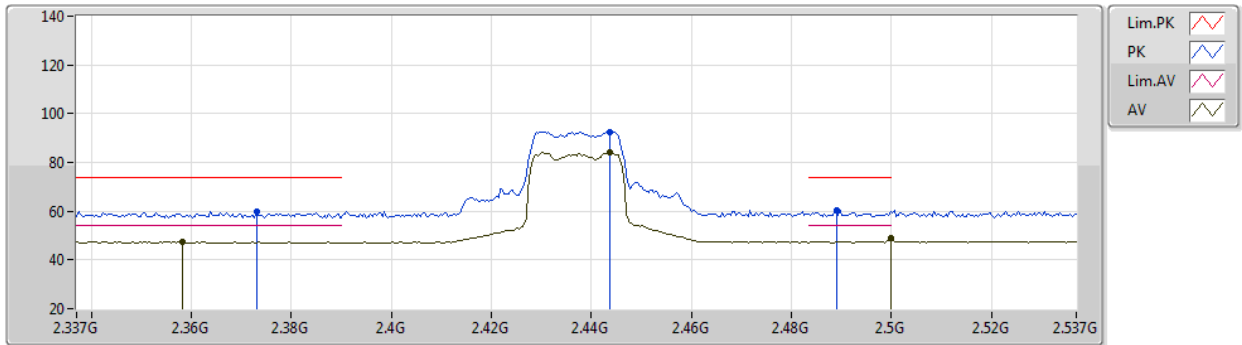


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.45	54.00	-6.55	34.97	3	Horizontal	351	1.00	-	12.48	27.64	7.33	-
AV	2.4164G	95.77	Inf	-Inf	34.92	3	Horizontal	351	1.00	-	60.85	27.58	7.34	-
PK	2.388G	61.21	74.00	-12.79	34.98	3	Horizontal	351	1.00	-	26.23	27.65	7.33	-
PK	2.4162G	104.94	Inf	-Inf	34.92	3	Horizontal	351	1.00	-	70.02	27.58	7.34	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2437MHz_TX

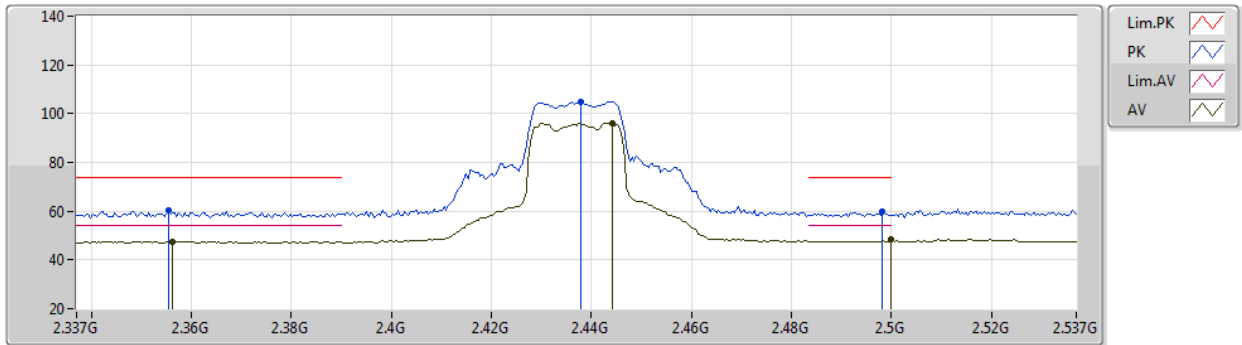


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3582G	47.50	54.00	-6.50	35.11	3	Vertical	160	1.00	-	12.39	27.77	7.34	-
AV	2.4438G	84.14	Inf	-Inf	34.91	3	Vertical	160	1.00	-	49.23	27.56	7.35	-
AV	2.4998G	49.06	54.00	-4.94	34.87	3	Vertical	160	1.00	-	14.19	27.50	7.37	-
PK	2.373G	59.90	74.00	-14.10	35.05	3	Vertical	160	1.00	-	24.85	27.71	7.34	-
PK	2.4438G	92.52	Inf	-Inf	34.91	3	Vertical	160	1.00	-	57.61	27.56	7.35	-
PK	2.489G	60.31	74.00	-13.69	34.88	3	Vertical	160	1.00	-	25.43	27.51	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2437MHz_TX

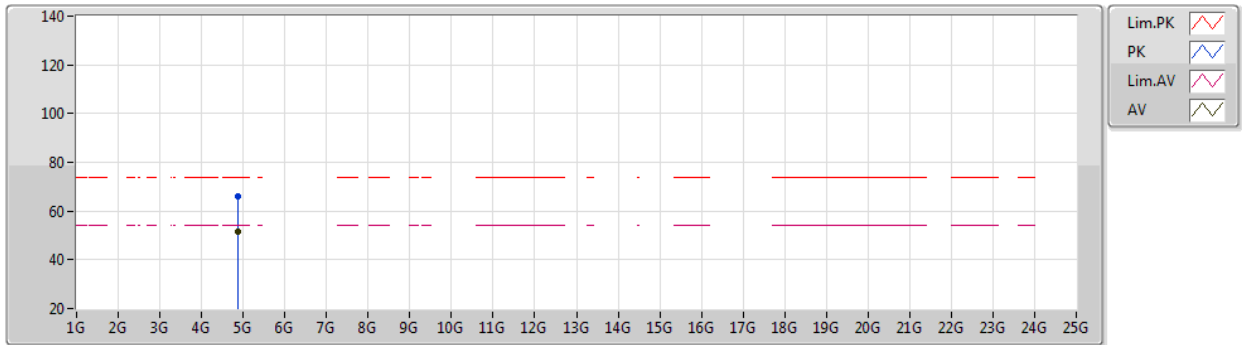


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3562G	47.67	54.00	-6.33	35.12	3	Horizontal	353	1.00	-	12.55	27.78	7.34	-
AV	2.4442G	96.27	Inf	-Inf	34.91	3	Horizontal	353	1.00	-	61.36	27.56	7.35	-
AV	2.4998G	48.24	54.00	-5.76	34.87	3	Horizontal	353	1.00	-	13.37	27.50	7.37	-
PK	2.3554G	60.18	74.00	-13.82	35.12	3	Horizontal	353	1.00	-	25.06	27.78	7.34	-
PK	2.4378G	104.93	Inf	-Inf	34.91	3	Horizontal	353	1.00	-	70.02	27.56	7.35	-
PK	2.4982G	59.85	74.00	-14.15	34.87	3	Horizontal	353	1.00	-	24.98	27.50	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2437MHz_TX

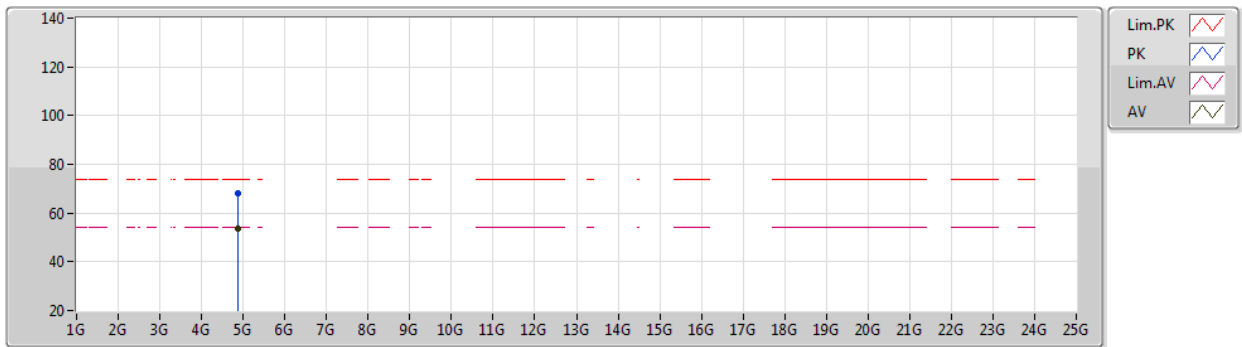


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87454G	51.56	54.00	-2.44	7.03	3	Vertical	45	2.51	-	44.53	31.10	9.98	34.05
PK	4.87214G	66.04	74.00	-7.96	7.03	3	Vertical	45	2.51	-	59.01	31.10	9.98	34.05

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2437MHz_TX

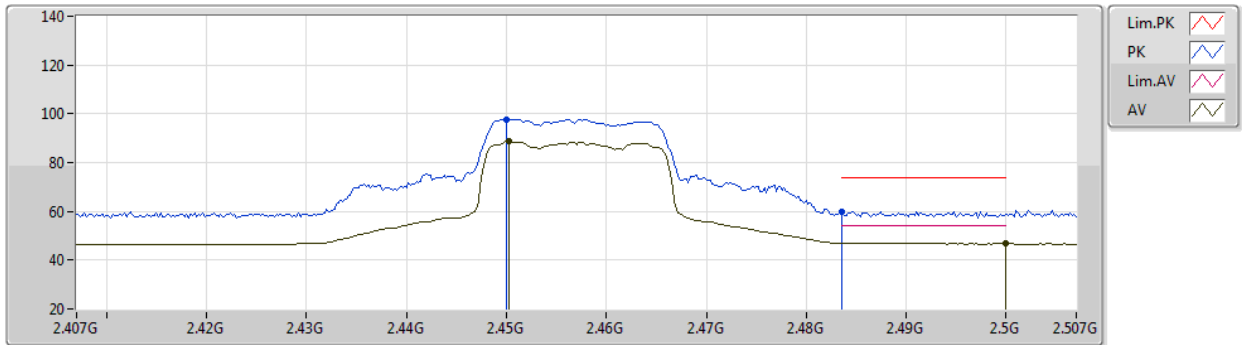


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87394G	53.66	54.00	-0.34	7.03	3	Horizontal	337	1.00	-	46.63	31.10	9.98	34.05
PK	4.87226G	68.02	74.00	-5.98	7.03	3	Horizontal	337	1.00	-	60.99	31.10	9.98	34.05

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2457MHz_TX

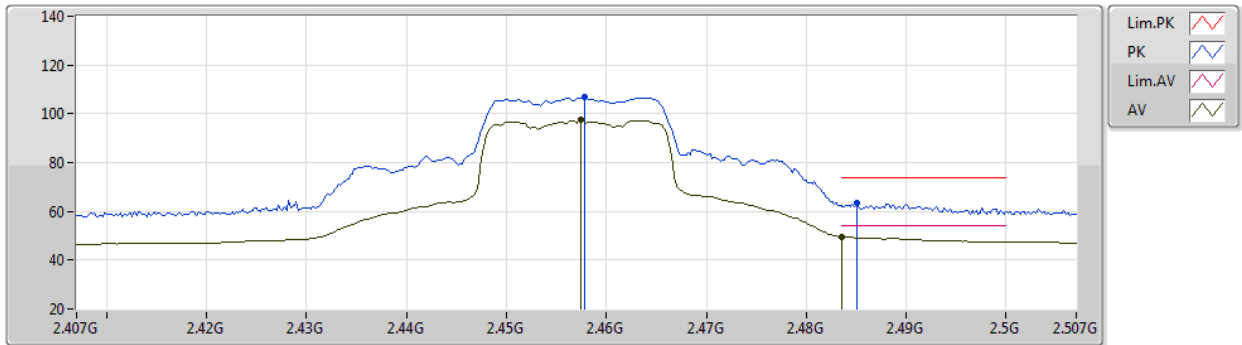


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4502G	88.62	Inf	-Inf	34.90	3	Vertical	80	2.61	-	53.72	27.55	7.35	-
AV	2.5G	47.00	54.00	-7.00	34.87	3	Vertical	80	2.61	-	12.13	27.50	7.37	-
PK	2.45G	97.73	Inf	-Inf	34.90	3	Vertical	80	2.61	-	62.83	27.55	7.35	-
PK	2.4835G	60.08	74.00	-13.92	34.89	3	Vertical	80	2.61	-	25.19	27.52	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2457MHz_TX

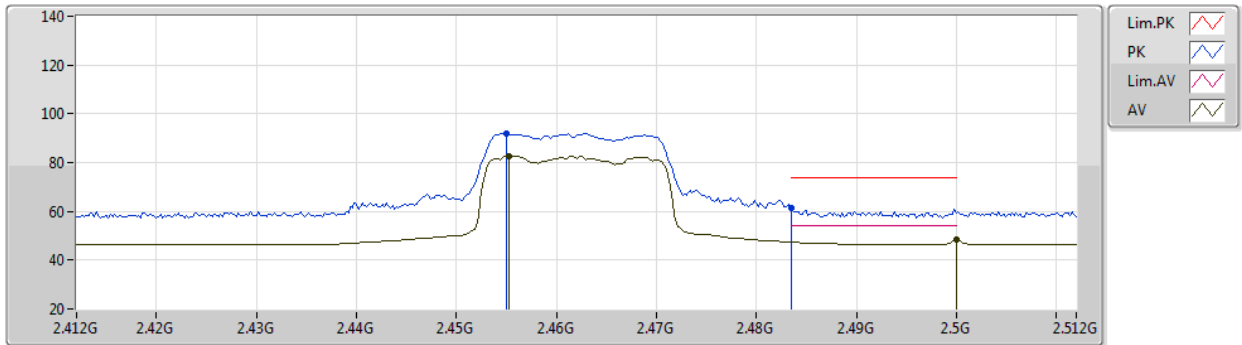


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4574G	97.40	Inf	-Inf	34.90	3	Horizontal	12	1.00	-	62.50	27.54	7.36	-
AV	2.4835G	49.50	54.00	-4.50	34.89	3	Horizontal	12	1.00	-	14.61	27.52	7.37	-
PK	2.4578G	106.77	Inf	-Inf	34.90	3	Horizontal	12	1.00	-	71.87	27.54	7.36	-
PK	2.485G	63.19	74.00	-10.81	34.89	3	Horizontal	12	1.00	-	28.30	27.52	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2462MHz_TX

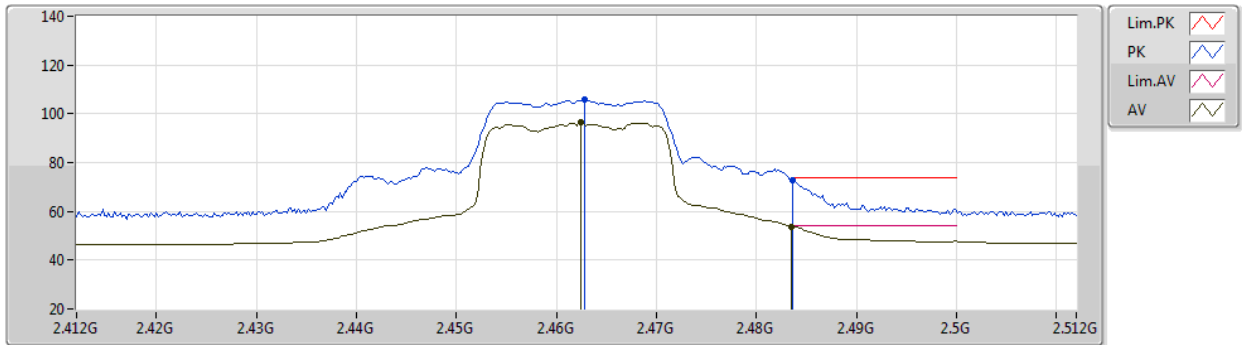


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4552G	82.74	Inf	-Inf	34.90	3	Vertical	161	1.01	-	47.84	27.54	7.36	-
AV	2.5G	48.49	54.00	-5.51	34.87	3	Vertical	161	1.01	-	13.62	27.50	7.37	-
PK	2.455G	92.12	Inf	-Inf	34.91	3	Vertical	161	1.01	-	57.21	27.55	7.36	-
PK	2.4835G	61.33	74.00	-12.67	34.89	3	Vertical	161	1.01	-	26.44	27.52	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2462MHz_TX

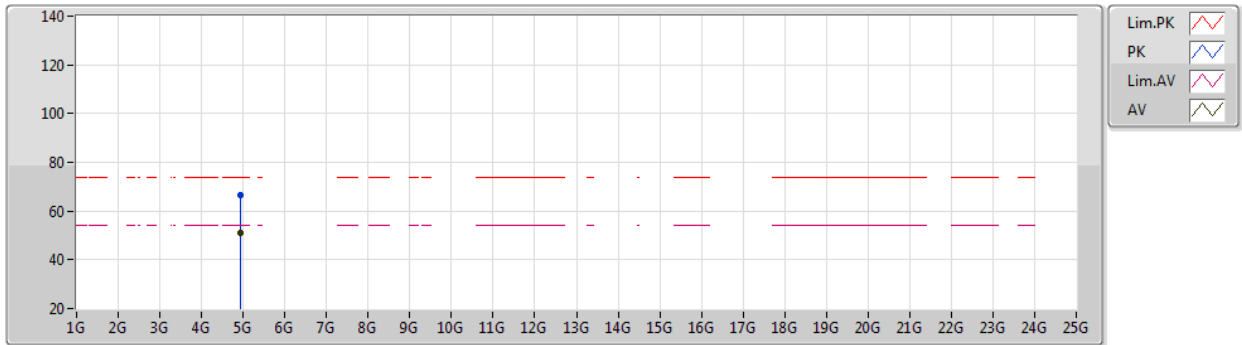


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4624G	96.40	Inf	-Inf	34.90	3	Horizontal	352	1.14	-	61.50	27.54	7.36	-
AV	2.4835G	53.86	54.00	-0.14	34.89	3	Horizontal	352	1.14	-	18.97	27.52	7.37	-
PK	2.4628G	105.73	Inf	-Inf	34.90	3	Horizontal	352	1.14	-	70.83	27.54	7.36	-
PK	2.4836G	72.97	74.00	-1.03	34.89	3	Horizontal	352	1.14	-	38.08	27.52	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2462MHz_TX

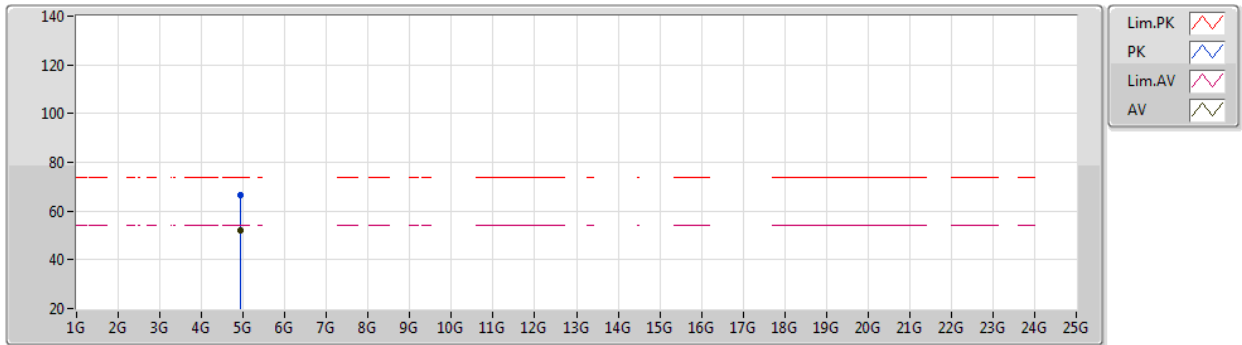


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92424G	51.14	54.00	-2.86	7.17	3	Vertical	37	2.38	-	43.97	31.20	10.02	34.05
PK	4.9222G	66.47	74.00	-7.53	7.16	3	Vertical	37	2.38	-	59.31	31.19	10.02	34.05

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2019

2462MHz_TX

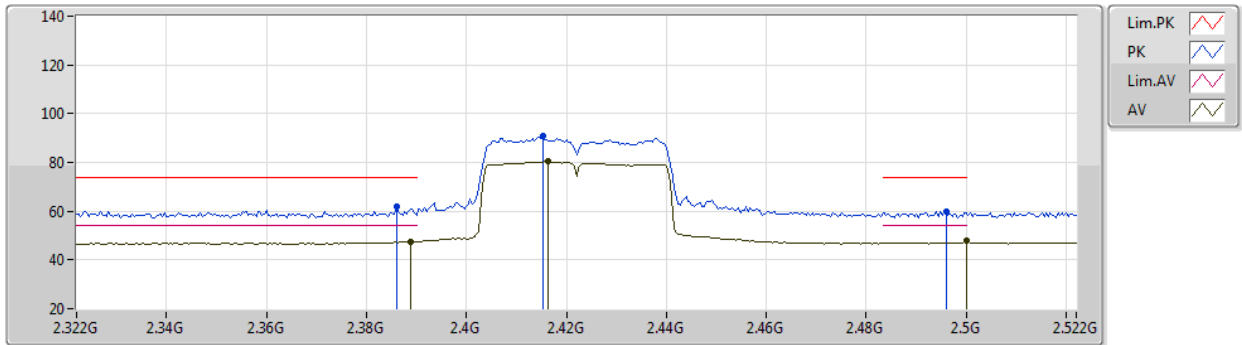


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92412G	51.94	54.00	-2.06	7.17	3	Horizontal	333	1.00	-	44.77	31.20	10.02	34.05
PK	4.92208G	66.52	74.00	-7.48	7.16	3	Horizontal	333	1.00	-	59.36	31.19	10.02	34.05

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2422MHz_TX

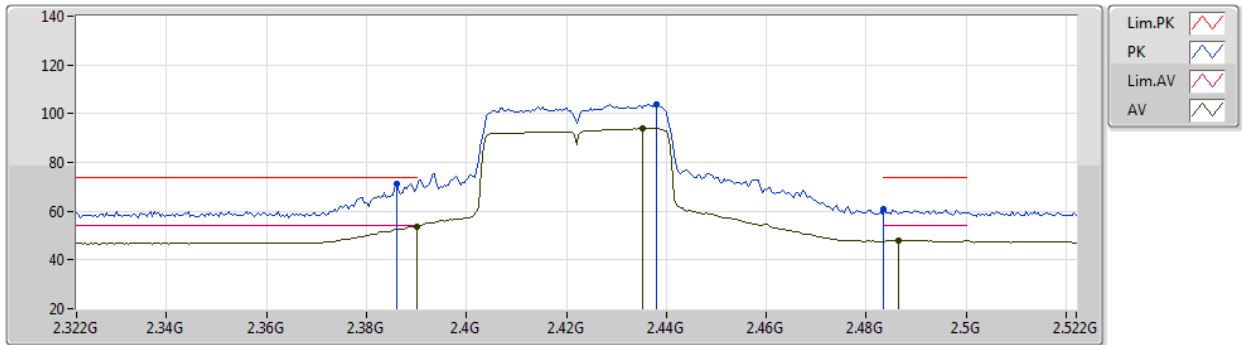


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	47.52	54.00	-6.48	34.97	3	Vertical	171	1.00	-	12.55	27.64	7.33	-
AV	2.4164G	80.32	Inf	-Inf	34.92	3	Vertical	171	1.00	-	45.40	27.58	7.34	-
AV	2.5G	48.04	54.00	-5.96	34.87	3	Vertical	171	1.00	-	13.17	27.50	7.37	-
PK	2.386G	62.08	74.00	-11.92	34.99	3	Vertical	171	1.00	-	27.09	27.66	7.33	-
PK	2.4152G	90.63	Inf	-Inf	34.92	3	Vertical	171	1.00	-	55.71	27.58	7.34	-
PK	2.496G	59.82	74.00	-14.18	34.87	3	Vertical	171	1.00	-	24.95	27.50	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

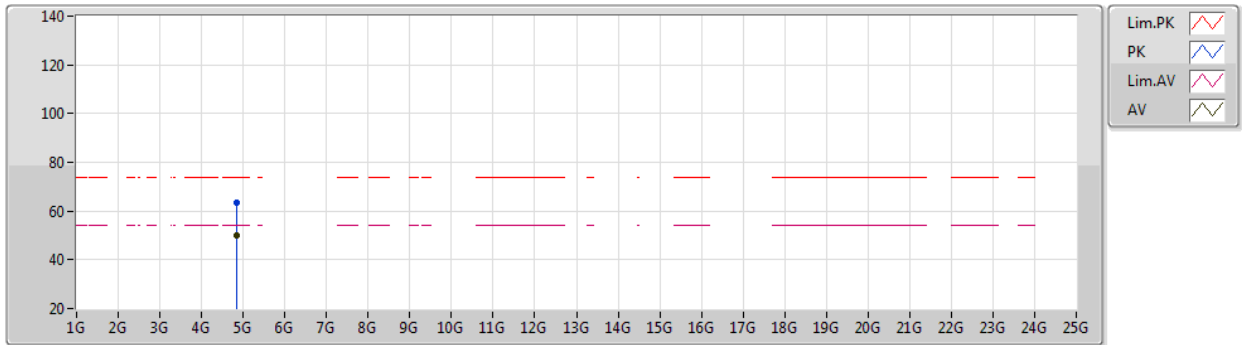
2422MHz_TX



802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2422MHz_TX

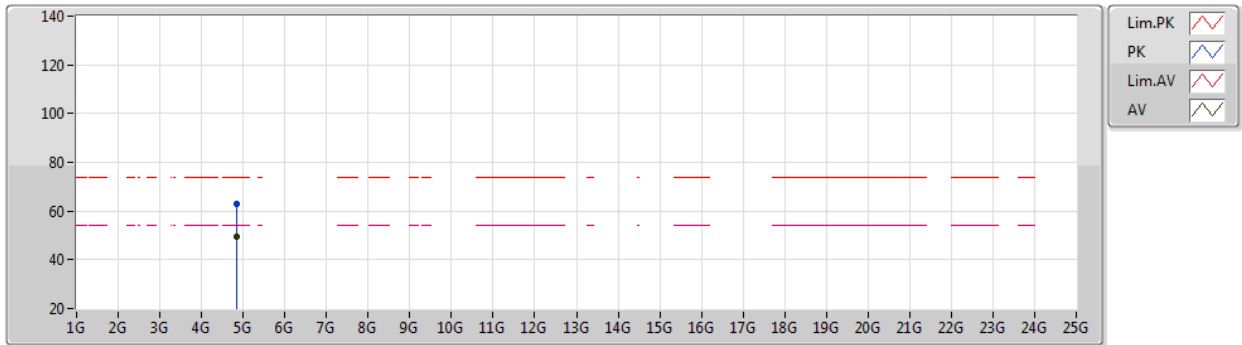


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84412G	50.07	54.00	-3.93	7.00	3	Vertical	5	2.51	-	43.07	31.10	9.95	34.05
PK	4.84442G	63.29	74.00	-10.71	7.00	3	Vertical	5	2.51	-	56.29	31.10	9.95	34.05

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2422MHz_TX

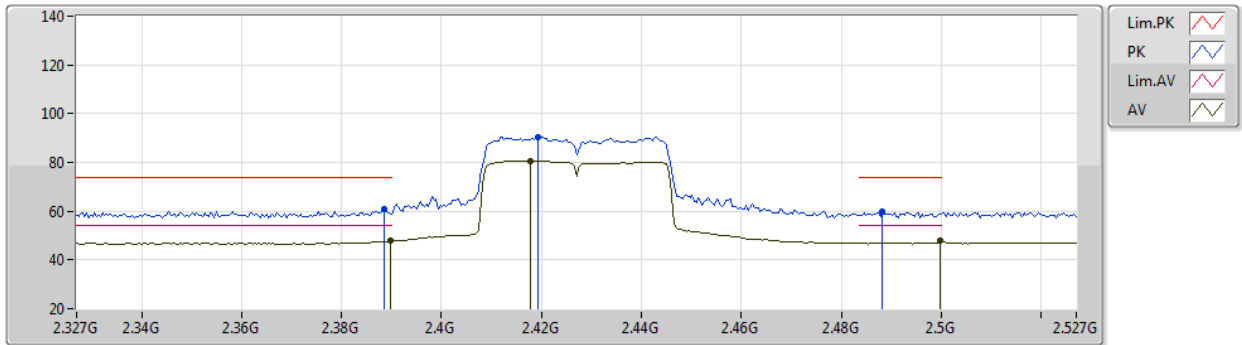


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84418G	49.44	54.00	-4.56	7.00	3	Horizontal	325	1.00	-	42.44	31.10	9.95	34.05
PK	4.84418G	63.02	74.00	-10.98	7.00	3	Horizontal	325	1.00	-	56.02	31.10	9.95	34.05

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2427MHz_TX

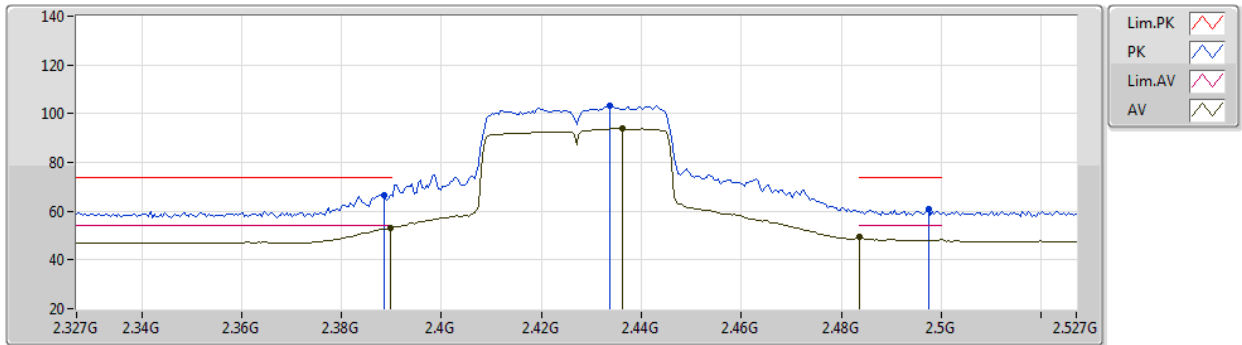


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.69	54.00	-6.31	34.97	3	Vertical	169	1.00	-	12.72	27.64	7.33	-
AV	2.4178G	80.60	Inf	-Inf	34.92	3	Vertical	169	1.00	-	45.68	27.58	7.34	-
AV	2.4998G	47.68	54.00	-6.32	34.87	3	Vertical	169	1.00	-	12.81	27.50	7.37	-
PK	2.3886G	60.72	74.00	-13.28	34.98	3	Vertical	169	1.00	-	25.74	27.65	7.33	-
PK	2.4194G	90.58	Inf	-Inf	34.92	3	Vertical	169	1.00	-	55.66	27.58	7.34	-
PK	2.4882G	59.63	74.00	-14.37	34.88	3	Vertical	169	1.00	-	24.75	27.51	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2427MHz_TX

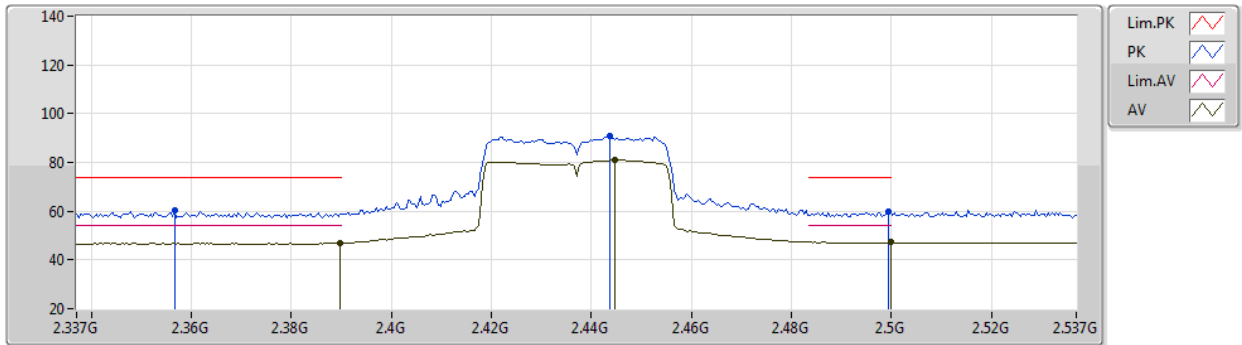


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.95	54.00	-1.05	34.97	3	Horizontal	353	1.43	-	17.98	27.64	7.33	-
AV	2.4362G	93.91	Inf	-Inf	34.91	3	Horizontal	353	1.43	-	59.00	27.56	7.35	-
AV	2.4835G	49.26	54.00	-4.74	34.89	3	Horizontal	353	1.43	-	14.37	27.52	7.37	-
PK	2.3886G	66.81	74.00	-7.19	34.98	3	Horizontal	353	1.43	-	31.83	27.65	7.33	-
PK	2.4338G	103.43	Inf	-Inf	34.92	3	Horizontal	353	1.43	-	68.51	27.57	7.35	-
PK	2.4974G	60.64	74.00	-13.36	34.87	3	Horizontal	353	1.43	-	25.77	27.50	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2437MHz_TX

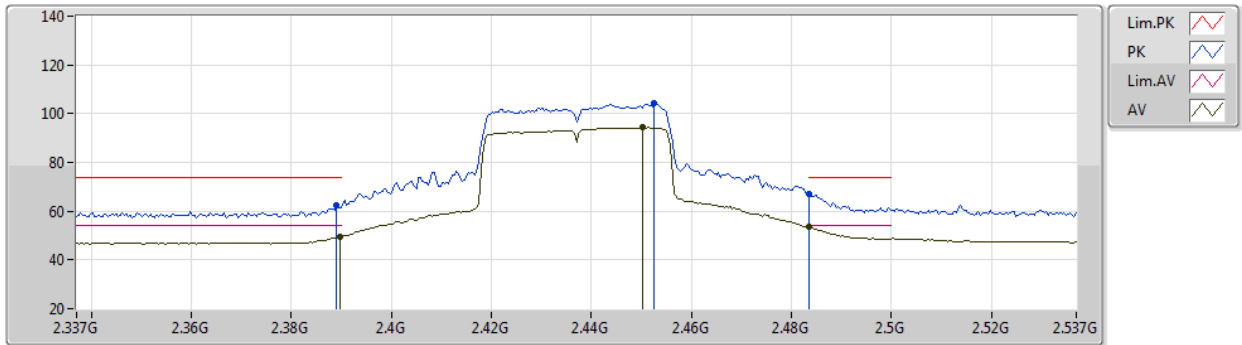


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	46.85	54.00	-7.15	34.97	3	Vertical	172	1.01	-	11.88	27.64	7.33	-
AV	2.4446G	80.95	Inf	-Inf	34.91	3	Vertical	172	1.01	-	46.04	27.56	7.35	-
AV	2.4998G	47.44	54.00	-6.56	34.87	3	Vertical	172	1.01	-	12.57	27.50	7.37	-
PK	2.3566G	60.23	74.00	-13.77	35.11	3	Vertical	172	1.01	-	25.12	27.77	7.34	-
PK	2.4438G	90.94	Inf	-Inf	34.91	3	Vertical	172	1.01	-	56.03	27.56	7.35	-
PK	2.4994G	59.84	74.00	-14.16	34.87	3	Vertical	172	1.01	-	24.97	27.50	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2437MHz_TX

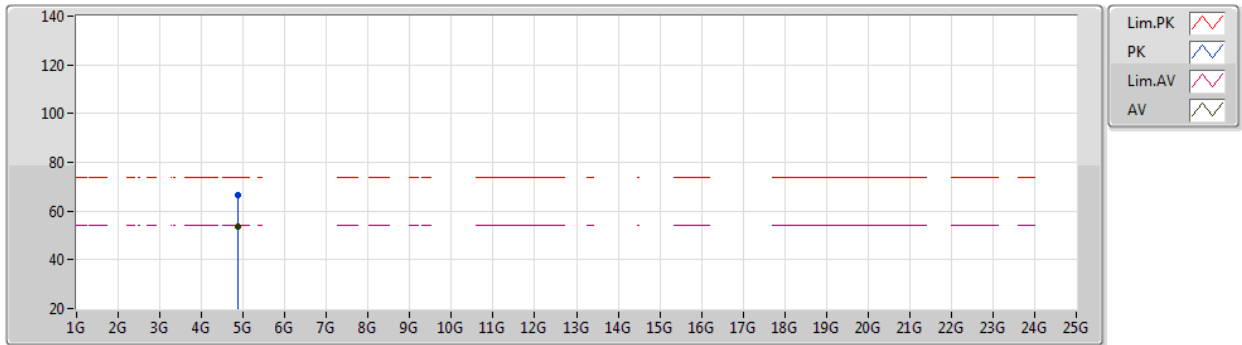


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.38	54.00	-4.62	34.97	3	Horizontal	353	1.17	-	14.41	27.64	7.33	-
AV	2.4502G	94.37	Inf	-Inf	34.90	3	Horizontal	353	1.17	-	59.47	27.55	7.35	-
AV	2.4835G	53.39	54.00	-0.61	34.89	3	Horizontal	353	1.17	-	18.50	27.52	7.37	-
PK	2.389G	62.44	74.00	-11.56	34.97	3	Horizontal	353	1.17	-	27.47	27.64	7.33	-
PK	2.4526G	104.08	Inf	-Inf	34.90	3	Horizontal	353	1.17	-	69.18	27.55	7.35	-
PK	2.4835G	66.95	74.00	-7.05	34.89	3	Horizontal	353	1.17	-	32.06	27.52	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2437MHz_TX

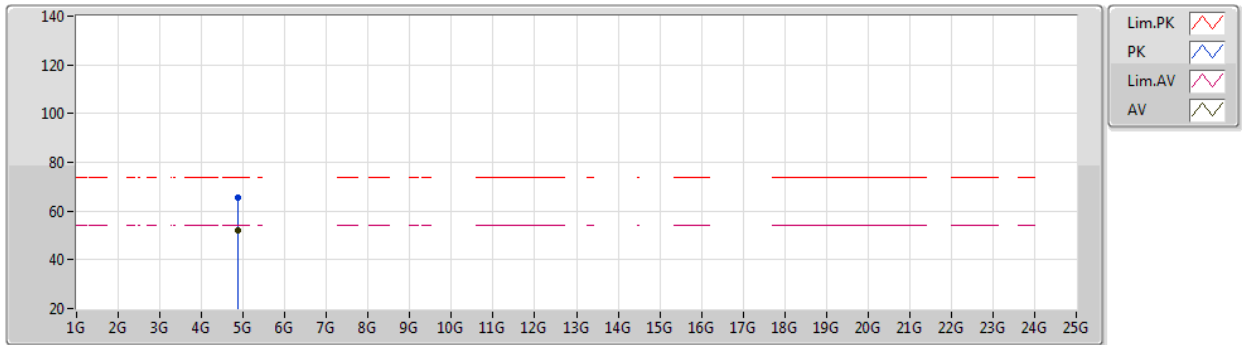


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87416G	53.37	54.00	-0.63	7.03	3	Vertical	4	2.62	-	46.34	31.10	9.98	34.05
PK	4.88064G	66.74	74.00	-7.26	7.03	3	Vertical	4	2.62	-	59.71	31.10	9.98	34.05

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2437MHz_TX

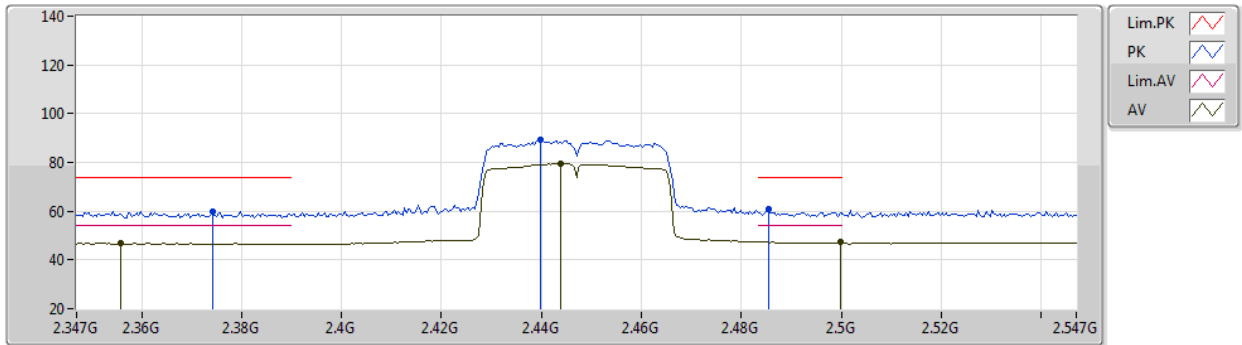


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87418G	51.99	54.00	-2.01	7.03	3	Horizontal	326	1.00	-	44.96	31.10	9.98	34.05
PK	4.88054G	65.33	74.00	-8.67	7.03	3	Horizontal	326	1.00	-	58.30	31.10	9.98	34.05

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2447MHz_TX

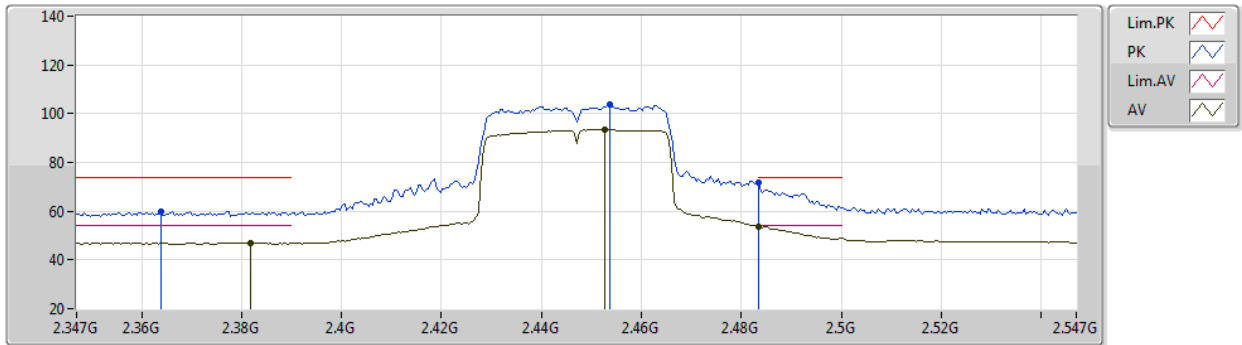


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3558G	46.80	54.00	-7.20	35.12	3	Vertical	173	1.00	-	11.68	27.78	7.34	-
AV	2.4438G	79.45	Inf	-Inf	34.91	3	Vertical	173	1.00	-	44.54	27.56	7.35	-
AV	2.4998G	47.55	54.00	-6.45	34.87	3	Vertical	173	1.00	-	12.68	27.50	7.37	-
PK	2.3742G	59.91	74.00	-14.09	35.04	3	Vertical	173	1.00	-	24.87	27.70	7.34	-
PK	2.4398G	89.21	Inf	-Inf	34.91	3	Vertical	173	1.00	-	54.30	27.56	7.35	-
PK	2.4854G	60.70	74.00	-13.30	34.88	3	Vertical	173	1.00	-	25.82	27.51	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2447MHz_TX

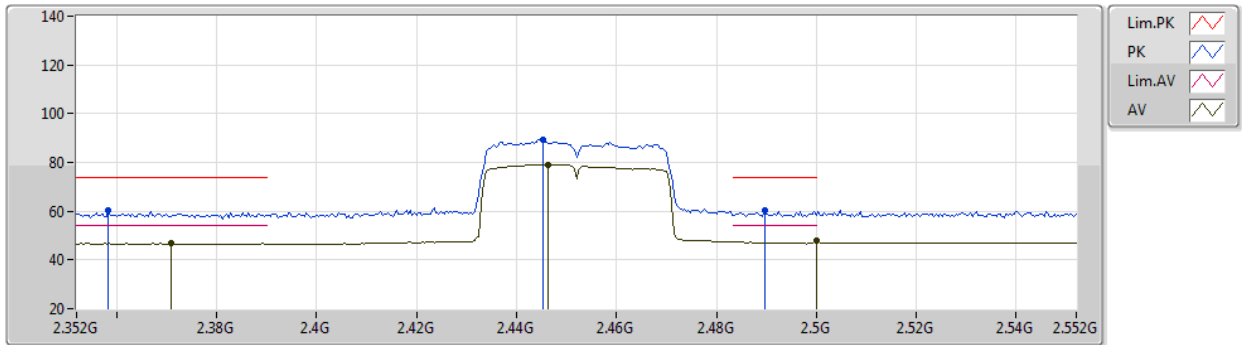


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3818G	47.02	54.00	-6.98	35.00	3	Horizontal	355	1.17	-	12.02	27.67	7.33	-
AV	2.4526G	93.53	Inf	-Inf	34.90	3	Horizontal	355	1.17	-	58.63	27.55	7.35	-
AV	2.4835G	53.70	54.00	-0.30	34.89	3	Horizontal	355	1.17	-	18.81	27.52	7.37	-
PK	2.3638G	59.94	74.00	-14.06	35.08	3	Horizontal	355	1.17	-	24.86	27.74	7.34	-
PK	2.4538G	103.64	Inf	-Inf	34.90	3	Horizontal	355	1.17	-	68.74	27.55	7.35	-
PK	2.4835G	71.56	74.00	-2.44	34.89	3	Horizontal	355	1.17	-	36.67	27.52	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2452MHz_TX

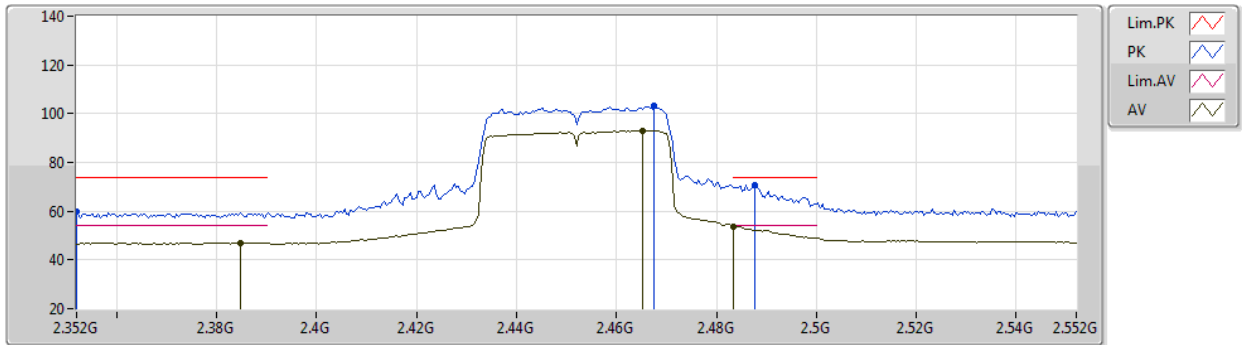


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3708G	46.75	54.00	-7.25	35.06	3	Vertical	172	1.00	-	11.69	27.72	7.34	-
AV	2.4464G	79.16	Inf	-Inf	34.90	3	Vertical	172	1.00	-	44.26	27.55	7.35	-
AV	2.5G	47.69	54.00	-6.31	34.87	3	Vertical	172	1.00	-	12.82	27.50	7.37	-
PK	2.3584G	60.22	74.00	-13.78	35.11	3	Vertical	172	1.00	-	25.11	27.77	7.34	-
PK	2.4452G	89.43	Inf	-Inf	34.90	3	Vertical	172	1.00	-	54.53	27.55	7.35	-
PK	2.4896G	60.12	74.00	-13.88	34.88	3	Vertical	172	1.00	-	25.24	27.51	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2452MHz_TX

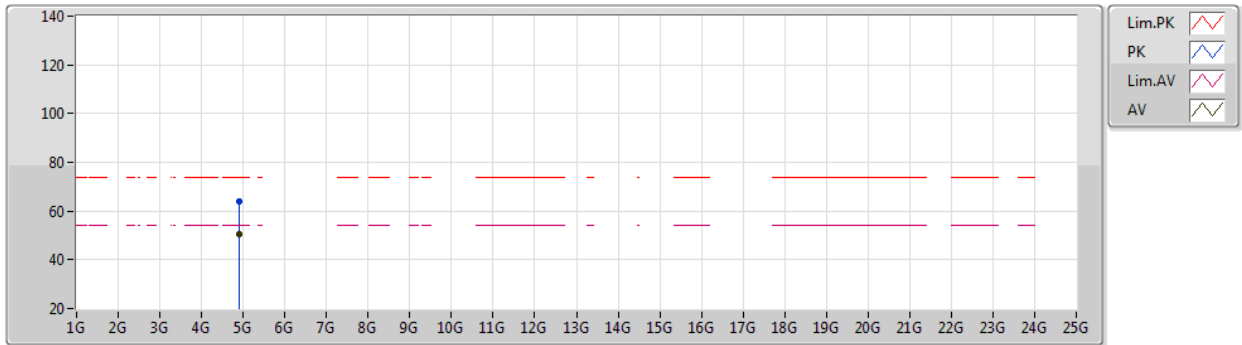


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3848G	46.98	54.00	-7.02	34.99	3	Horizontal	354	1.12	-	11.99	27.66	7.33	-
AV	2.4652G	93.05	Inf	-Inf	34.89	3	Horizontal	354	1.12	-	58.16	27.53	7.36	-
AV	2.4835G	53.84	54.00	-0.16	34.89	3	Horizontal	354	1.12	-	18.95	27.52	7.37	-
PK	2.352G	59.62	74.00	-14.38	35.13	3	Horizontal	354	1.12	-	24.49	27.79	7.34	-
PK	2.4676G	103.15	Inf	-Inf	34.89	3	Horizontal	354	1.12	-	68.26	27.53	7.36	-
PK	2.4876G	70.86	74.00	-3.14	34.88	3	Horizontal	354	1.12	-	35.98	27.51	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

2452MHz_TX

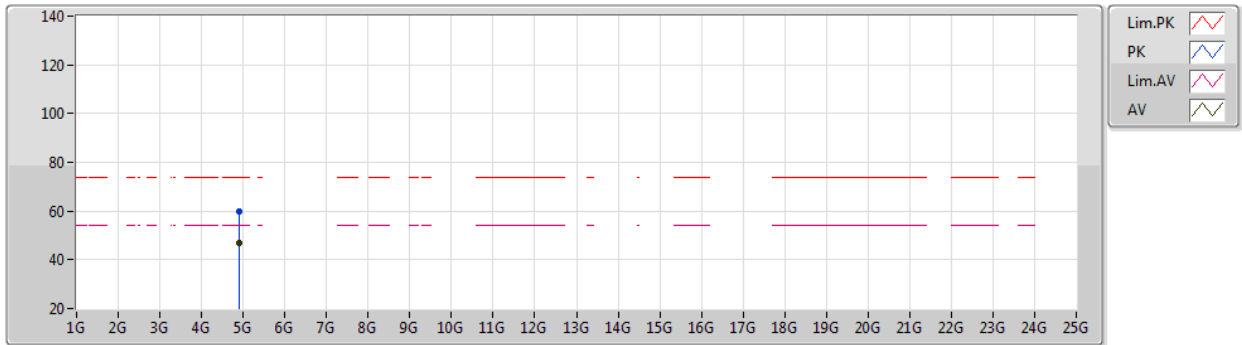


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90424G	50.56	54.00	-3.44	7.07	3	Vertical	1	2.59	-	43.49	31.12	10.00	34.05
PK	4.9106G	63.83	74.00	-10.17	7.10	3	Vertical	1	2.59	-	56.73	31.14	10.01	34.05

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2019

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	4.904G	46.83	54.00	-7.17	7.07	3	Horizontal	129	1.50	-	39.76	31.12	10.00	34.05
PK	4.9103G	59.99	74.00	-14.01	7.10	3	Horizontal	129	1.50	-	52.89	31.14	10.01	34.05



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	447.1M	43.95	46.00	-2.05	3	Horizontal	148	2.22	-

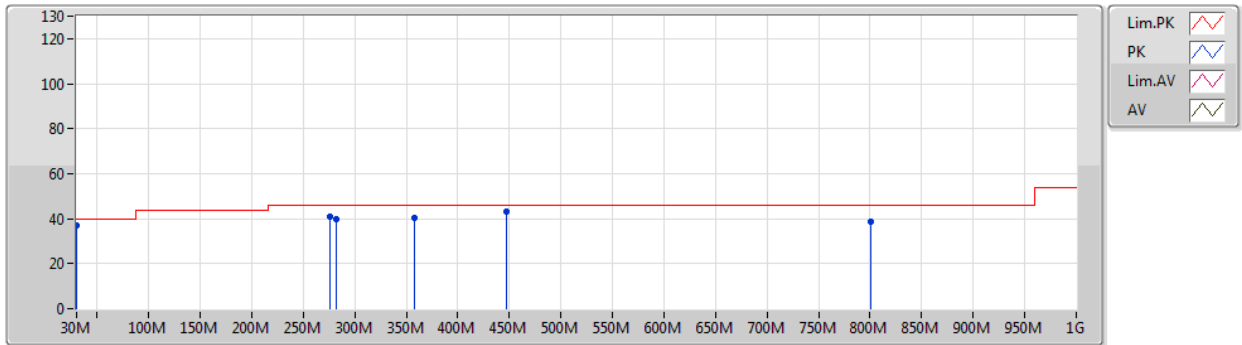
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	276.38M	40.78	46.00	-5.22	3	Vertical	0	1.00	-
2437MHz	Pass	PK	282.2M	39.80	46.00	-6.20	3	Vertical	0	1.00	-
2437MHz	Pass	PK	357.86M	40.34	46.00	-5.66	3	Vertical	0	1.00	-
2437MHz	Pass	PK	800.18M	38.75	46.00	-7.25	3	Vertical	0	1.00	-
2437MHz	Pass	QP	30M	37.19	40.00	-2.81	3	Vertical	332	1.00	-
2437MHz	Pass	QP	447.1M	42.90	46.00	-3.10	3	Vertical	195	1.00	-
2437MHz	Pass	PK	222.06M	39.03	46.00	-6.97	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	276.38M	42.48	46.00	-3.52	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	357.86M	42.60	46.00	-3.40	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	705.12M	40.35	46.00	-5.65	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	282.2M	41.19	46.00	-4.81	3	Horizontal	301	1.16	-
2437MHz	Pass	QP	447.1M	43.95	46.00	-2.05	3	Horizontal	148	2.22	-

802.11n HT40_Nss1,(MCS0)_2TX

25/03/2020

2437MHz_Adapter

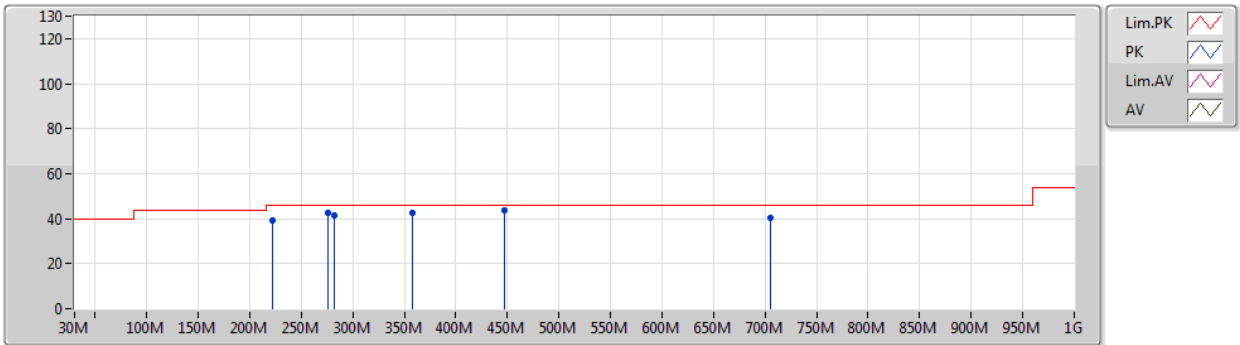


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	276.38M	40.78	46.00	-5.22	-6.29	3	Vertical	0	1.00	-	47.07	18.03	2.85	27.17
PK	282.2M	39.80	46.00	-6.20	-6.14	3	Vertical	0	1.00	-	45.94	18.13	2.90	27.17
PK	357.86M	40.34	46.00	-5.66	-4.62	3	Vertical	0	1.00	-	44.96	19.81	3.12	27.55
PK	800.18M	38.75	46.00	-7.25	0.90	3	Vertical	0	1.00	-	37.85	24.88	4.17	28.15
QP	30M	37.19	40.00	-2.81	-3.93	3	Vertical	332	1.00	-	41.12	23.48	0.29	27.70
QP	447.1M	42.90	46.00	-3.10	-3.24	3	Vertical	195	1.00	-	46.14	21.81	3.23	28.28

802.11n HT40_Nss1,(MCS0)_2TX

25/03/2020

2437MHz_Adapter



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	222.06M	39.03	46.00	-6.97	-10.25	3	Horizontal	360	1.00	-	49.28	14.51	2.54	27.30
PK	276.38M	42.48	46.00	-3.52	-6.29	3	Horizontal	360	1.00	-	48.77	18.03	2.85	27.17
PK	357.86M	42.60	46.00	-3.40	-4.62	3	Horizontal	360	1.00	-	47.22	19.81	3.12	27.55
PK	705.12M	40.35	46.00	-5.65	-0.27	3	Horizontal	360	1.00	-	40.62	24.04	4.06	28.37
QP	282.2M	41.19	46.00	-4.81	-6.14	3	Horizontal	301	1.16	-	47.33	18.13	2.90	27.17
QP	447.1M	43.95	46.00	-2.05	-3.24	3	Horizontal	148	2.22	-	47.19	21.81	3.23	28.28

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.824G	53.90	54.00	-0.10	3	Horizontal	306	2.84	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.85	54.00	-0.15	3	Vertical	197	1.01	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	2.39G	73.84	74.00	-0.16	3	Vertical	355	1.20	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.66	54.00	-0.34	3	Vertical	359	1.50	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3858G	47.38	54.00	-6.62	3	Vertical	355	1.20	-
2412MHz	Pass	AV	2.4112G	101.96	Inf	-Inf	3	Vertical	355	1.20	-
2412MHz	Pass	PK	2.3706G	60.45	74.00	-13.55	3	Vertical	355	1.20	-
2412MHz	Pass	PK	2.4124G	104.24	Inf	-Inf	3	Vertical	355	1.20	-
2412MHz	Pass	AV	4.82404G	51.11	54.00	-2.89	3	Vertical	47	1.09	-
2412MHz	Pass	PK	4.82402G	55.05	74.00	-18.95	3	Vertical	47	1.09	-
2412MHz	Pass	AV	4.824G	53.90	54.00	-0.10	3	Horizontal	306	2.84	-
2412MHz	Pass	PK	4.82394G	56.83	74.00	-17.17	3	Horizontal	306	2.84	-
2437MHz	Pass	AV	2.357G	46.86	54.00	-7.14	3	Vertical	352	1.50	-
2437MHz	Pass	AV	2.4362G	101.84	Inf	-Inf	3	Vertical	352	1.50	-
2437MHz	Pass	AV	2.4998G	47.07	54.00	-6.93	3	Vertical	352	1.50	-
2437MHz	Pass	PK	2.3666G	59.65	74.00	-14.35	3	Vertical	352	1.50	-
2437MHz	Pass	PK	2.4366G	104.09	Inf	-Inf	3	Vertical	352	1.50	-
2437MHz	Pass	PK	2.497G	60.80	74.00	-13.20	3	Vertical	352	1.50	-
2437MHz	Pass	AV	4.874G	51.35	54.00	-2.65	3	Vertical	52	1.00	-
2437MHz	Pass	PK	4.87382G	55.52	74.00	-18.48	3	Vertical	52	1.00	-
2437MHz	Pass	AV	4.87399G	53.49	54.00	-0.51	3	Horizontal	307	1.00	-
2437MHz	Pass	PK	4.87391G	56.51	74.00	-17.49	3	Horizontal	307	1.00	-
2462MHz	Pass	AV	2.4612G	101.62	Inf	-Inf	3	Vertical	355	1.00	-
2462MHz	Pass	AV	2.5G	47.22	54.00	-6.78	3	Vertical	355	1.00	-
2462MHz	Pass	PK	2.4616G	103.97	Inf	-Inf	3	Vertical	355	1.00	-
2462MHz	Pass	PK	2.488G	60.07	74.00	-13.93	3	Vertical	355	1.00	-
2462MHz	Pass	AV	4.92399G	53.75	54.00	-0.25	3	Vertical	47	2.95	-
2462MHz	Pass	PK	4.92387G	56.32	74.00	-17.68	3	Vertical	47	2.95	-
2462MHz	Pass	AV	4.92399G	51.53	54.00	-2.47	3	Horizontal	302	1.00	-
2462MHz	Pass	PK	4.92392G	55.64	74.00	-18.36	3	Horizontal	302	1.00	-
2417MHz	Pass	AV	2.3898G	46.83	54.00	-7.17	3	Vertical	355	1.21	-
2417MHz	Pass	AV	2.4162G	102.35	Inf	-Inf	3	Vertical	355	1.21	-
2417MHz	Pass	PK	2.3894G	59.77	74.00	-14.23	3	Vertical	355	1.21	-
2417MHz	Pass	PK	2.4166G	104.65	Inf	-Inf	3	Vertical	355	1.21	-
2417MHz	Pass	AV	4.834G	51.36	54.00	-2.64	3	Vertical	8	2.99	-
2417MHz	Pass	PK	4.83406G	55.57	74.00	-18.43	3	Vertical	8	2.99	-
2417MHz	Pass	AV	4.834G	53.26	54.00	-0.74	3	Horizontal	308	3.00	-
2417MHz	Pass	PK	4.83404G	56.79	74.00	-17.21	3	Horizontal	308	3.00	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.85	54.00	-0.15	3	Vertical	197	1.01	-
2412MHz	Pass	AV	2.4188G	103.88	Inf	-Inf	3	Vertical	197	1.01	-
2412MHz	Pass	PK	2.39G	67.98	74.00	-6.02	3	Vertical	197	1.01	-
2412MHz	Pass	PK	2.4188G	112.43	Inf	-Inf	3	Vertical	197	1.01	-
2412MHz	Pass	AV	4.8226G	49.41	54.00	-4.59	3	Vertical	11	3.00	-
2412MHz	Pass	PK	4.8223G	59.47	74.00	-14.53	3	Vertical	11	3.00	-
2412MHz	Pass	PK	4.8223G	59.80	74.00	-14.20	3	Horizontal	311	2.84	-
2412MHz	Pass	AV	4.8244G	50.47	54.00	-3.53	3	Horizontal	311	2.84	-
2437MHz	Pass	AV	2.3898G	48.52	54.00	-5.48	3	Vertical	282	1.50	-
2437MHz	Pass	AV	2.4306G	105.47	Inf	-Inf	3	Vertical	282	1.50	-
2437MHz	Pass	AV	2.4998G	48.59	54.00	-5.41	3	Vertical	282	1.50	-
2437MHz	Pass	PK	2.389G	60.81	74.00	-13.19	3	Vertical	282	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4306G	114.40	Inf	-13.61	3	Vertical	282	1.50	-
2437MHz	Pass	PK	2.4858G	60.39	74.00	-13.61	3	Vertical	282	1.50	-
2437MHz	Pass	AV	4.8741G	53.15	54.00	-0.85	3	Vertical	54	1.00	-
2437MHz	Pass	PK	4.8751G	66.91	74.00	-7.09	3	Vertical	54	1.00	-
2437MHz	Pass	AV	4.8756G	52.62	54.00	-1.38	3	Horizontal	308	1.00	-
2437MHz	Pass	PK	4.8749G	67.19	74.00	-6.81	3	Horizontal	308	1.00	-
2462MHz	Pass	AV	2.4548G	101.82	Inf	-Inf	3	Vertical	282	1.00	-
2462MHz	Pass	AV	2.4835G	53.60	54.00	-0.40	3	Vertical	282	1.00	-
2462MHz	Pass	PK	2.4552G	110.52	Inf	-Inf	3	Vertical	282	1.00	-
2462MHz	Pass	PK	2.4836G	69.49	74.00	-4.51	3	Vertical	282	1.00	-
2462MHz	Pass	AV	4.9241G	47.04	54.00	-6.96	3	Vertical	43	2.97	-
2462MHz	Pass	PK	4.9247G	61.08	74.00	-12.92	3	Vertical	43	2.97	-
2462MHz	Pass	AV	4.9241G	44.39	54.00	-9.61	3	Horizontal	349	1.01	-
2462MHz	Pass	PK	4.9249G	58.21	74.00	-15.79	3	Horizontal	349	1.01	-
2417MHz	Pass	AV	2.3842G	51.56	54.00	-2.44	3	Vertical	342	1.50	-
2417MHz	Pass	AV	2.4238G	105.27	Inf	-Inf	3	Vertical	342	1.50	-
2417MHz	Pass	PK	2.3858G	68.28	74.00	-5.72	3	Vertical	342	1.50	-
2417MHz	Pass	PK	2.4238G	114.44	Inf	-Inf	3	Vertical	342	1.50	-
2457MHz	Pass	AV	2.4506G	104.87	Inf	-Inf	3	Vertical	167	1.50	-
2457MHz	Pass	AV	2.4894G	53.43	54.00	-0.57	3	Vertical	167	1.50	-
2457MHz	Pass	PK	2.4506G	113.95	Inf	-Inf	3	Vertical	167	1.50	-
2457MHz	Pass	PK	2.4896G	69.67	74.00	-4.33	3	Vertical	167	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.48	54.00	-1.52	3	Vertical	355	1.20	-
2412MHz	Pass	AV	2.4124G	102.77	Inf	-Inf	3	Vertical	355	1.20	-
2412MHz	Pass	PK	2.39G	73.84	74.00	-0.16	3	Vertical	355	1.20	-
2412MHz	Pass	PK	2.4128G	112.10	Inf	-Inf	3	Vertical	355	1.20	-
2412MHz	Pass	AV	4.82424G	46.95	54.00	-7.05	3	Vertical	8	2.94	-
2412MHz	Pass	PK	4.82364G	60.29	74.00	-13.71	3	Vertical	8	2.94	-
2412MHz	Pass	AV	4.82424G	47.87	54.00	-6.13	3	Horizontal	303	1.06	-
2412MHz	Pass	PK	4.8222G	61.69	74.00	-12.31	3	Horizontal	303	1.06	-
2437MHz	Pass	AV	2.3898G	48.56	54.00	-5.44	3	Vertical	175	1.50	-
2437MHz	Pass	AV	2.4366G	105.29	Inf	-Inf	3	Vertical	175	1.50	-
2437MHz	Pass	AV	2.4835G	48.26	54.00	-5.74	3	Vertical	175	1.50	-
2437MHz	Pass	PK	2.3894G	63.96	74.00	-10.04	3	Vertical	175	1.50	-
2437MHz	Pass	PK	2.4374G	114.59	Inf	-Inf	3	Vertical	175	1.50	-
2437MHz	Pass	PK	2.4858G	66.04	74.00	-7.96	3	Vertical	175	1.50	-
2437MHz	Pass	AV	4.87466G	53.03	54.00	-0.97	3	Vertical	52	1.00	-
2437MHz	Pass	PK	4.87226G	68.63	74.00	-5.37	3	Vertical	52	1.00	-
2437MHz	Pass	AV	4.87388G	53.80	54.00	-0.20	3	Horizontal	306	3.00	-
2437MHz	Pass	PK	4.8722G	69.50	74.00	-4.50	3	Horizontal	306	3.00	-
2462MHz	Pass	AV	2.4624G	99.53	Inf	-Inf	3	Vertical	3	1.50	-
2462MHz	Pass	AV	2.4835G	53.53	54.00	-0.47	3	Vertical	3	1.50	-
2462MHz	Pass	PK	2.4628G	108.86	Inf	-Inf	3	Vertical	3	1.50	-
2462MHz	Pass	PK	2.4836G	72.78	74.00	-1.22	3	Vertical	3	1.50	-
2462MHz	Pass	AV	4.924G	42.45	54.00	-11.55	3	Vertical	45	3.00	-
2462MHz	Pass	PK	4.93096G	59.42	74.00	-14.58	3	Vertical	45	3.00	-
2462MHz	Pass	AV	4.92388G	41.15	54.00	-12.85	3	Horizontal	349	1.03	-
2462MHz	Pass	PK	4.92478G	58.13	74.00	-15.87	3	Horizontal	349	1.03	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	AV	2.39G	53.26	54.00	-0.74	3	Vertical	0	1.50	-
2417MHz	Pass	AV	2.4164G	104.88	Inf	-Inf	3	Vertical	0	1.50	-
2417MHz	Pass	PK	2.3886G	68.63	74.00	-5.37	3	Vertical	0	1.50	-
2417MHz	Pass	PK	2.418G	113.91	Inf	-Inf	3	Vertical	0	1.50	-
2457MHz	Pass	AV	2.4502G	103.28	Inf	-Inf	3	Vertical	357	1.00	-
2457MHz	Pass	AV	2.4835G	53.41	54.00	-0.59	3	Vertical	357	1.00	-
2457MHz	Pass	PK	2.45G	112.57	Inf	-Inf	3	Vertical	357	1.00	-
2457MHz	Pass	PK	2.4836G	72.00	74.00	-2.00	3	Vertical	357	1.00	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3888G	52.94	54.00	-1.06	3	Vertical	180	1.50	-
2422MHz	Pass	AV	2.4164G	97.07	Inf	-Inf	3	Vertical	180	1.50	-
2422MHz	Pass	AV	2.5G	47.97	54.00	-6.03	3	Vertical	180	1.50	-
2422MHz	Pass	PK	2.386G	69.63	74.00	-4.37	3	Vertical	180	1.50	-
2422MHz	Pass	PK	2.4148G	107.14	Inf	-Inf	3	Vertical	180	1.50	-
2422MHz	Pass	PK	2.4852G	60.69	74.00	-13.31	3	Vertical	180	1.50	-
2422MHz	Pass	AV	4.84395G	44.07	54.00	-9.93	3	Vertical	9	2.96	-
2422MHz	Pass	PK	4.84205G	57.10	74.00	-16.90	3	Vertical	9	2.96	-
2422MHz	Pass	AV	4.84391G	45.33	54.00	-8.67	3	Horizontal	301	1.00	-
2422MHz	Pass	PK	4.84366G	58.76	74.00	-15.24	3	Horizontal	301	1.00	-
2437MHz	Pass	AV	2.389G	50.70	54.00	-3.30	3	Vertical	359	1.50	-
2437MHz	Pass	AV	2.4294G	98.66	Inf	-Inf	3	Vertical	359	1.50	-
2437MHz	Pass	AV	2.4835G	53.66	54.00	-0.34	3	Vertical	359	1.50	-
2437MHz	Pass	PK	2.3898G	64.80	74.00	-9.20	3	Vertical	359	1.50	-
2437MHz	Pass	PK	2.4302G	108.92	Inf	-Inf	3	Vertical	359	1.50	-
2437MHz	Pass	PK	2.485G	69.57	74.00	-4.43	3	Vertical	359	1.50	-
2437MHz	Pass	AV	4.87396G	45.69	54.00	-8.31	3	Vertical	52	1.00	-
2437MHz	Pass	PK	4.87211G	59.44	74.00	-14.56	3	Vertical	52	1.00	-
2437MHz	Pass	AV	4.87415G	46.03	54.00	-7.97	3	Horizontal	307	3.00	-
2437MHz	Pass	PK	4.87198G	59.33	74.00	-14.67	3	Horizontal	307	3.00	-
2452MHz	Pass	AV	2.3864G	47.30	54.00	-6.70	3	Vertical	317	1.21	-
2452MHz	Pass	AV	2.4384G	95.02	Inf	-Inf	3	Vertical	317	1.21	-
2452MHz	Pass	AV	2.4835G	53.43	54.00	-0.57	3	Vertical	317	1.21	-
2452MHz	Pass	PK	2.372G	60.73	74.00	-13.27	3	Vertical	317	1.21	-
2452MHz	Pass	PK	2.4368G	105.28	Inf	-Inf	3	Vertical	317	1.21	-
2452MHz	Pass	PK	2.488G	69.21	74.00	-4.79	3	Vertical	317	1.21	-
2452MHz	Pass	AV	4.90419G	37.42	54.00	-16.58	3	Vertical	1	2.97	-
2452MHz	Pass	PK	4.90373G	51.55	74.00	-22.45	3	Vertical	1	2.97	-
2452MHz	Pass	AV	4.90399G	35.93	54.00	-18.07	3	Horizontal	329	1.04	-
2452MHz	Pass	PK	4.90421G	48.79	74.00	-25.21	3	Horizontal	329	1.04	-
2427MHz	Pass	AV	2.3894G	53.34	54.00	-0.66	3	Vertical	356	1.50	-
2427MHz	Pass	AV	2.4346G	97.72	Inf	-Inf	3	Vertical	356	1.50	-
2427MHz	Pass	AV	2.4902G	48.36	54.00	-5.64	3	Vertical	356	1.50	-
2427MHz	Pass	PK	2.3886G	68.21	74.00	-5.79	3	Vertical	356	1.50	-
2427MHz	Pass	PK	2.4338G	107.52	Inf	-Inf	3	Vertical	356	1.50	-
2427MHz	Pass	PK	2.4835G	61.06	74.00	-12.94	3	Vertical	356	1.50	-
2447MHz	Pass	AV	2.3826G	47.88	54.00	-6.12	3	Vertical	351	1.50	-
2447MHz	Pass	AV	2.4374G	96.58	Inf	-Inf	3	Vertical	351	1.50	-
2447MHz	Pass	AV	2.485G	53.48	54.00	-0.52	3	Vertical	351	1.50	-
2447MHz	Pass	PK	2.389G	60.26	74.00	-13.74	3	Vertical	351	1.50	-



RSE TX above 1GHz_Dipole Antenna

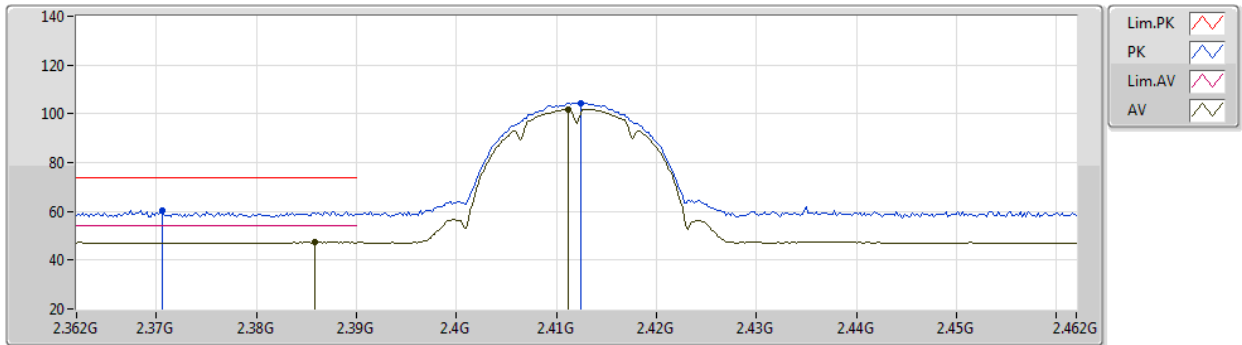
Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4402G	106.41	Inf	-Inf	3	Vertical	351	1.50	-
2447MHz	Pass	PK	2.4835G	68.23	74.00	-5.77	3	Vertical	351	1.50	-

802.11b_Nss1,(1Mbps)_2TX

21/10/2019

2412MHz_TX

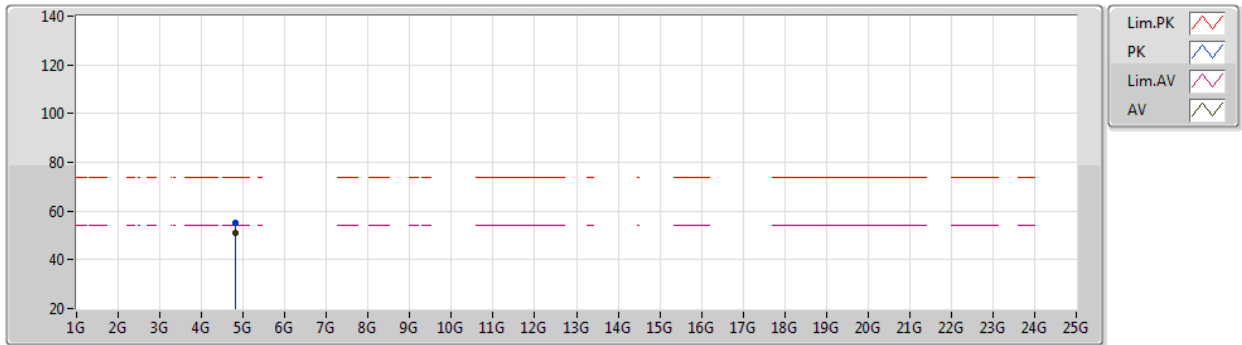


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3858G	47.38	54.00	-6.62	34.99	3	Vertical	355	1.20	-	12.39	27.66	7.33	-
AV	2.4112G	101.96	Inf	-Inf	34.93	3	Vertical	355	1.20	-	67.03	27.59	7.34	-
PK	2.3706G	60.45	74.00	-13.55	35.06	3	Vertical	355	1.20	-	25.39	27.72	7.34	-
PK	2.4124G	104.24	Inf	-Inf	34.93	3	Vertical	355	1.20	-	69.31	27.59	7.34	-

802.11b_Nss1,(1Mbps)_2TX

21/10/2019

2412MHz_TX

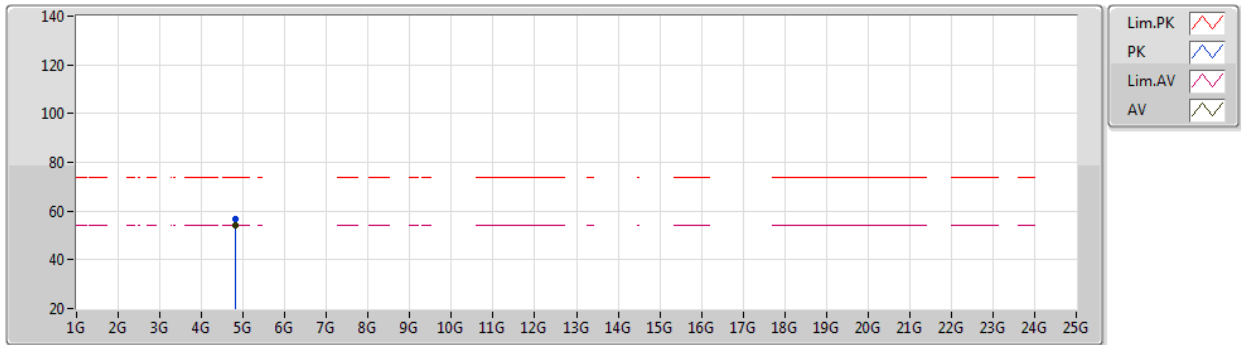


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82404G	51.11	54.00	-2.89	6.99	3	Vertical	47	1.09	-	44.12	31.10	9.94	34.05
PK	4.82402G	55.05	74.00	-18.95	6.99	3	Vertical	47	1.09	-	48.06	31.10	9.94	34.05

802.11b_Nss1,(1Mbps)_2TX

21/10/2019

2412MHz_TX

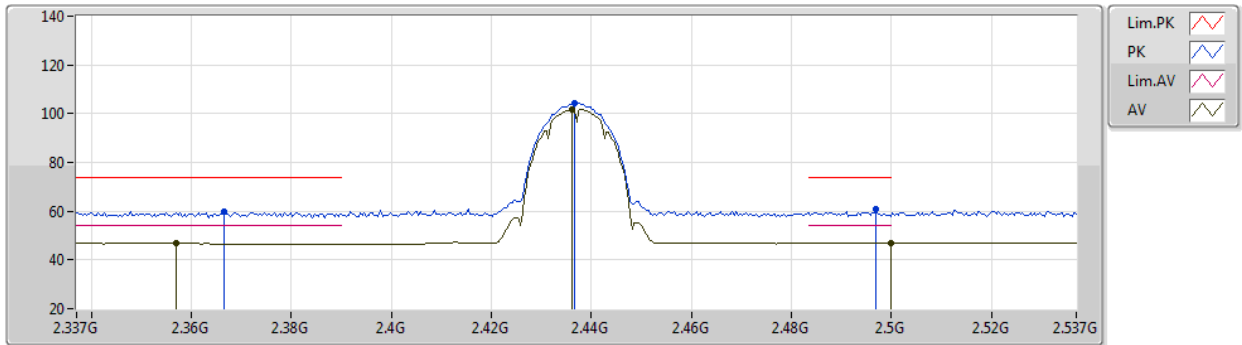


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	53.90	54.00	-0.10	6.99	3	Horizontal	306	2.84	-	46.91	31.10	9.94	34.05
PK	4.82394G	56.83	74.00	-17.17	6.99	3	Horizontal	306	2.84	-	49.84	31.10	9.94	34.05

802.11b_Nss1,(1Mbps)_2TX

21/10/2019

2437MHz_TX

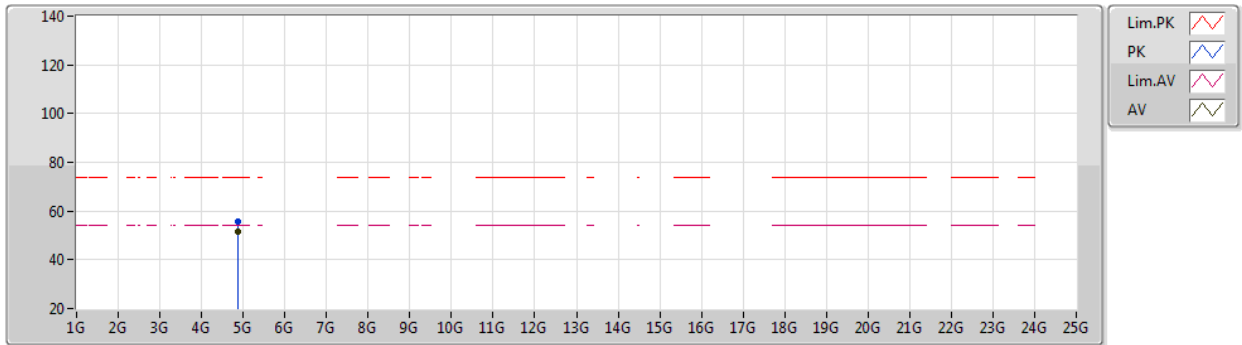


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.357G	46.86	54.00	-7.14	35.11	3	Vertical	352	1.50	-	11.75	27.77	7.34	-
AV	2.4362G	101.84	Inf	-Inf	34.91	3	Vertical	352	1.50	-	66.93	27.56	7.35	-
AV	2.4998G	47.07	54.00	-6.93	34.87	3	Vertical	352	1.50	-	12.20	27.50	7.37	-
PK	2.3666G	59.65	74.00	-14.35	35.07	3	Vertical	352	1.50	-	24.58	27.73	7.34	-
PK	2.4366G	104.09	Inf	-Inf	34.91	3	Vertical	352	1.50	-	69.18	27.56	7.35	-
PK	2.497G	60.80	74.00	-13.20	34.87	3	Vertical	352	1.50	-	25.93	27.50	7.37	-

802.11b_Nss1,(1Mbps)_2TX

21/10/2019

2437MHz_TX

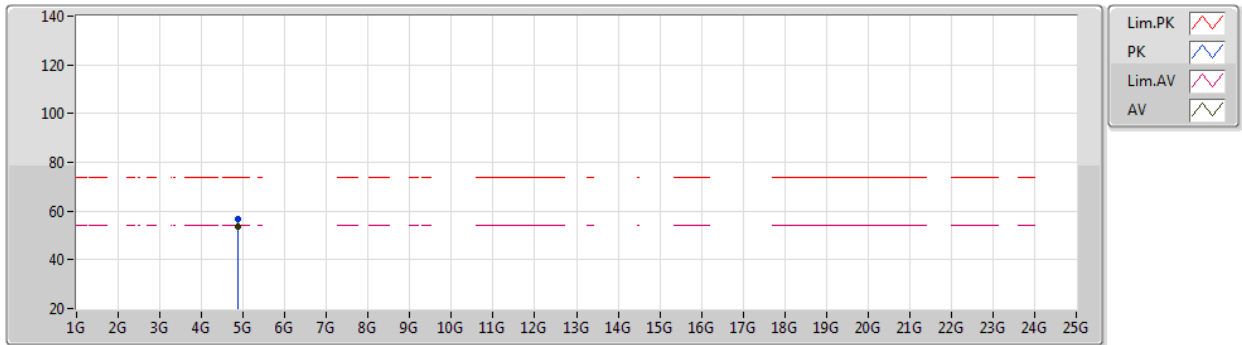


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	51.35	54.00	-2.65	7.03	3	Vertical	52	1.00	-	44.32	31.10	9.98	34.05
PK	4.87382G	55.52	74.00	-18.48	7.03	3	Vertical	52	1.00	-	48.49	31.10	9.98	34.05

802.11b_Nss1,(1Mbps)_2TX

21/10/2019

2437MHz_TX

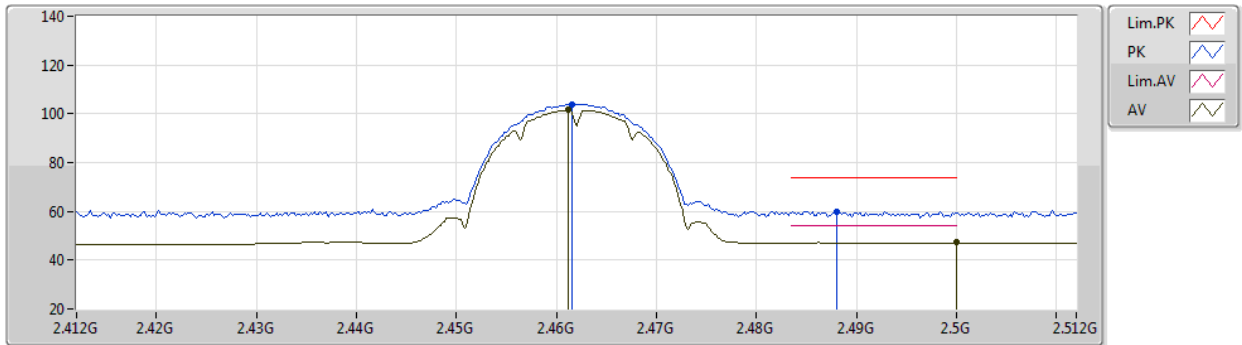


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87399G	53.49	54.00	-0.51	7.03	3	Horizontal	307	1.00	-	46.46	31.10	9.98	34.05
PK	4.87391G	56.51	74.00	-17.49	7.03	3	Horizontal	307	1.00	-	49.48	31.10	9.98	34.05

802.11b_Nss1,(1Mbps)_2TX

22/10/2019

2462MHz_TX

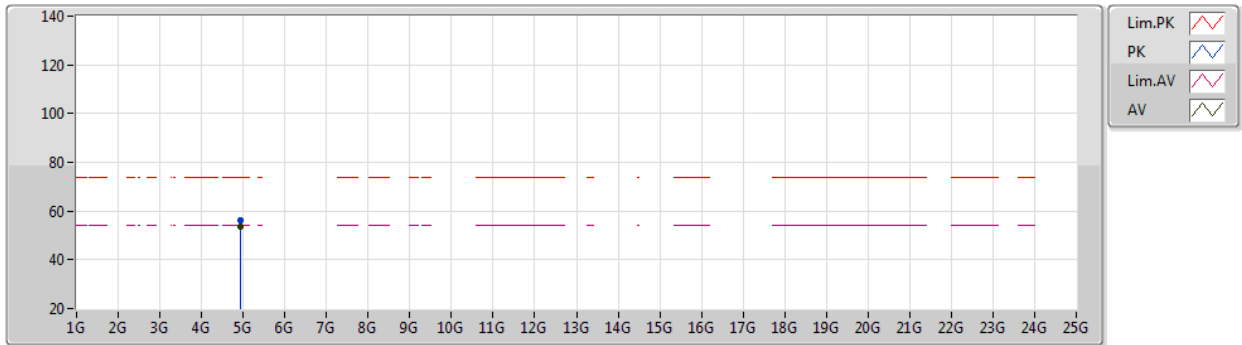


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	101.62	Inf	-Inf	34.90	3	Vertical	355	1.00	-	66.72	27.54	7.36	-
AV	2.5G	47.22	54.00	-6.78	34.87	3	Vertical	355	1.00	-	12.35	27.50	7.37	-
PK	2.4616G	103.97	Inf	-Inf	34.90	3	Vertical	355	1.00	-	69.07	27.54	7.36	-
PK	2.488G	60.07	74.00	-13.93	34.88	3	Vertical	355	1.00	-	25.19	27.51	7.37	-

802.11b_Nss1,(1Mbps)_2TX

22/10/2019

2462MHz_TX

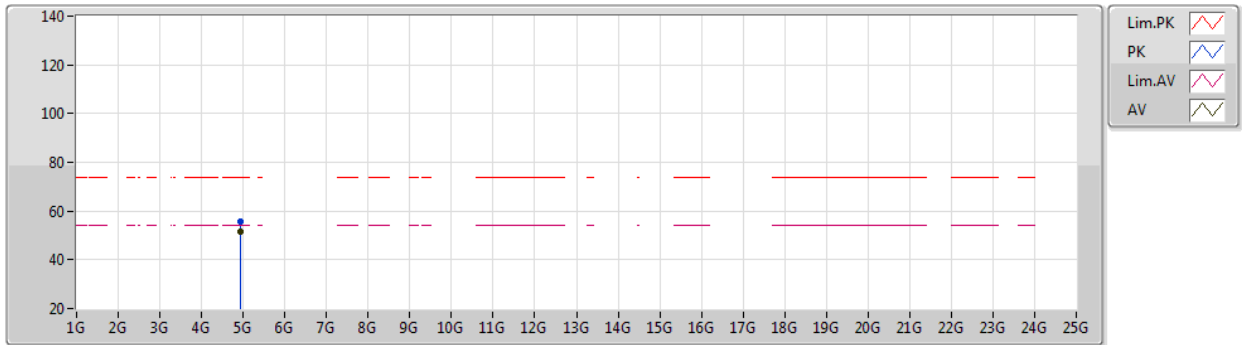


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92399G	53.75	54.00	-0.25	7.17	3	Vertical	47	2.95	-	46.58	31.20	10.02	34.05
PK	4.92387G	56.32	74.00	-17.68	7.17	3	Vertical	47	2.95	-	49.15	31.20	10.02	34.05

802.11b_Nss1,(1Mbps)_2TX

22/10/2019

2462MHz_TX

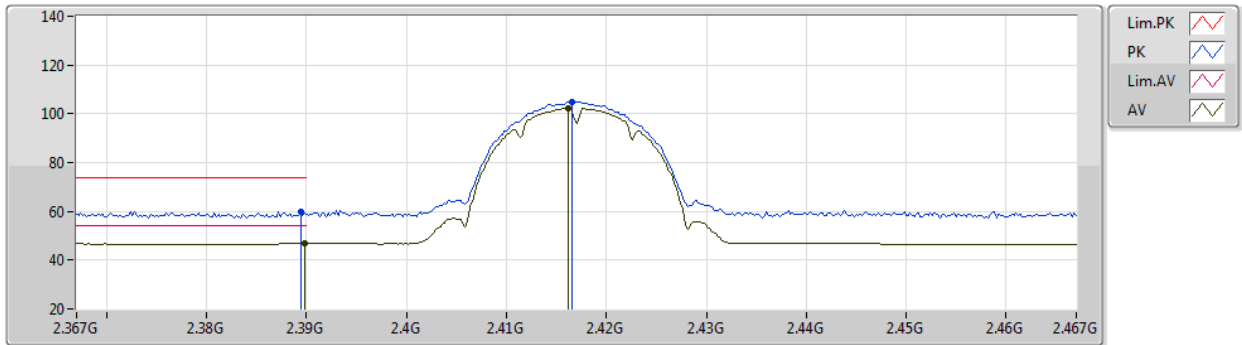


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92399G	51.53	54.00	-2.47	7.17	3	Horizontal	302	1.00	-	44.36	31.20	10.02	34.05
PK	4.92392G	55.64	74.00	-18.36	7.17	3	Horizontal	302	1.00	-	48.47	31.20	10.02	34.05

802.11b_Nss1,(1Mbps)_2TX

22/10/2019

2417MHz_TX

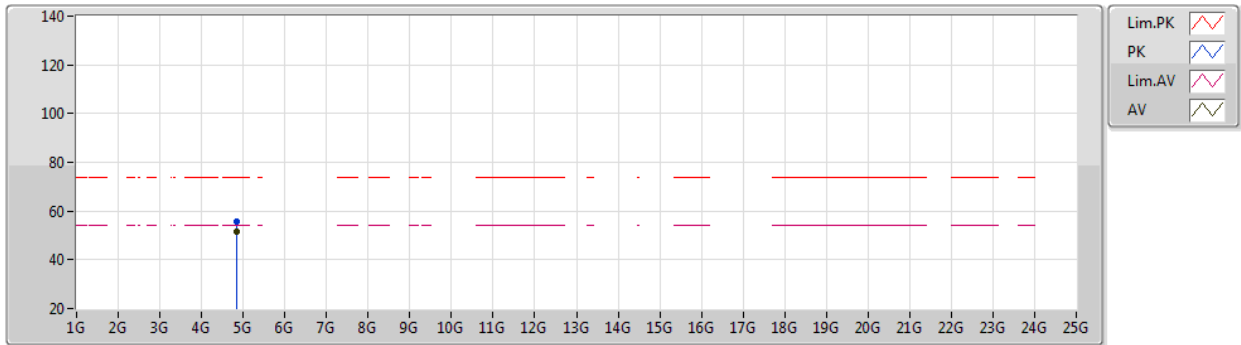


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	46.83	54.00	-7.17	34.97	3	Vertical	355	1.21	-	11.86	27.64	7.33	-
AV	2.4162G	102.35	Inf	-Inf	34.92	3	Vertical	355	1.21	-	67.43	27.58	7.34	-
PK	2.3894G	59.77	74.00	-14.23	34.97	3	Vertical	355	1.21	-	24.80	27.64	7.33	-
PK	2.4166G	104.65	Inf	-Inf	34.92	3	Vertical	355	1.21	-	69.73	27.58	7.34	-

802.11b_Nss1,(1Mbps)_2TX

22/10/2019

2417MHz_TX

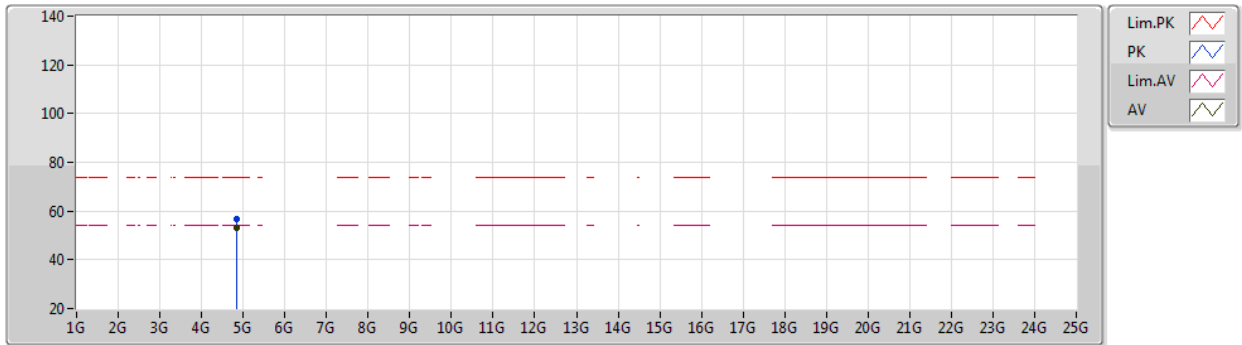


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.834G	51.36	54.00	-2.64	6.99	3	Vertical	8	2.99	-	44.37	31.10	9.94	34.05
PK	4.83406G	55.57	74.00	-18.43	6.99	3	Vertical	8	2.99	-	48.58	31.10	9.94	34.05

802.11b_Nss1,(1Mbps)_2TX

22/10/2019

2417MHz_TX

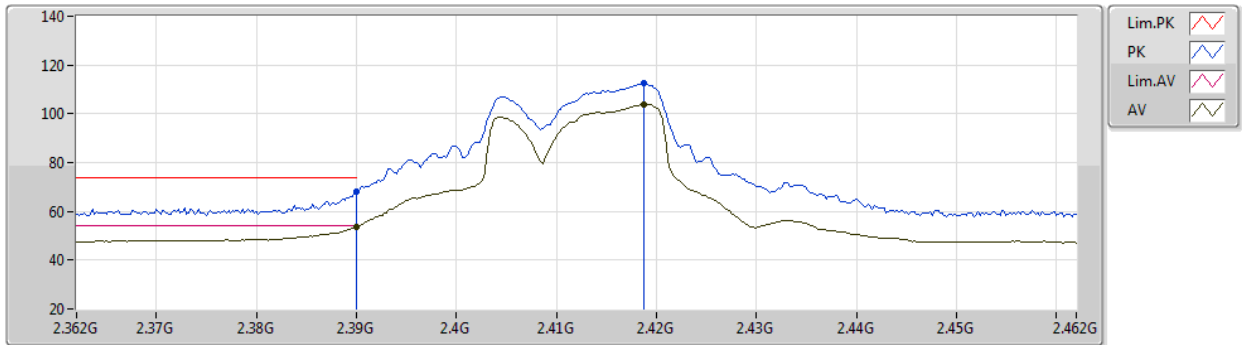


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.834G	53.26	54.00	-0.74	6.99	3	Horizontal	308	3.00	-	46.27	31.10	9.94	34.05
PK	4.83404G	56.79	74.00	-17.21	6.99	3	Horizontal	308	3.00	-	49.80	31.10	9.94	34.05

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2412MHz_TX

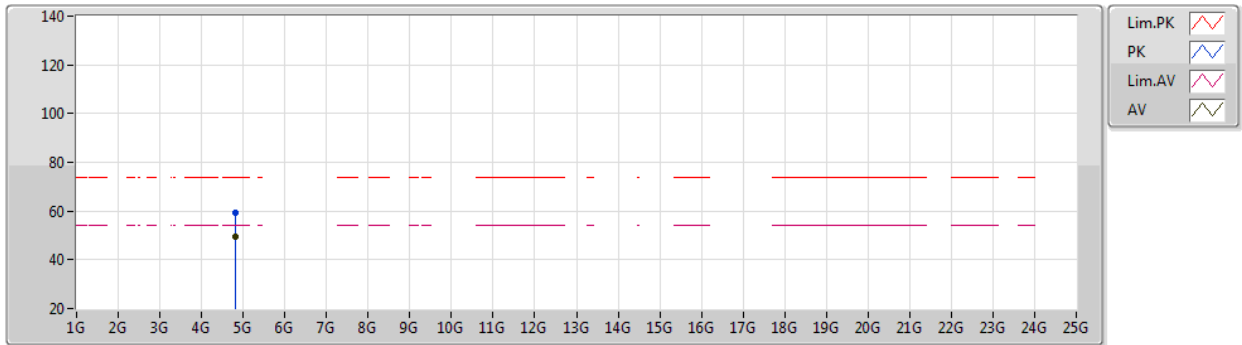


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.85	54.00	-0.15	34.97	3	Vertical	197	1.01	-	18.88	27.64	7.33	-
AV	2.4188G	103.88	Inf	-Inf	34.92	3	Vertical	197	1.01	-	68.96	27.58	7.34	-
PK	2.39G	67.98	74.00	-6.02	34.97	3	Vertical	197	1.01	-	33.01	27.64	7.33	-
PK	2.4188G	112.43	Inf	-Inf	34.92	3	Vertical	197	1.01	-	77.51	27.58	7.34	-

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2412MHz_TX

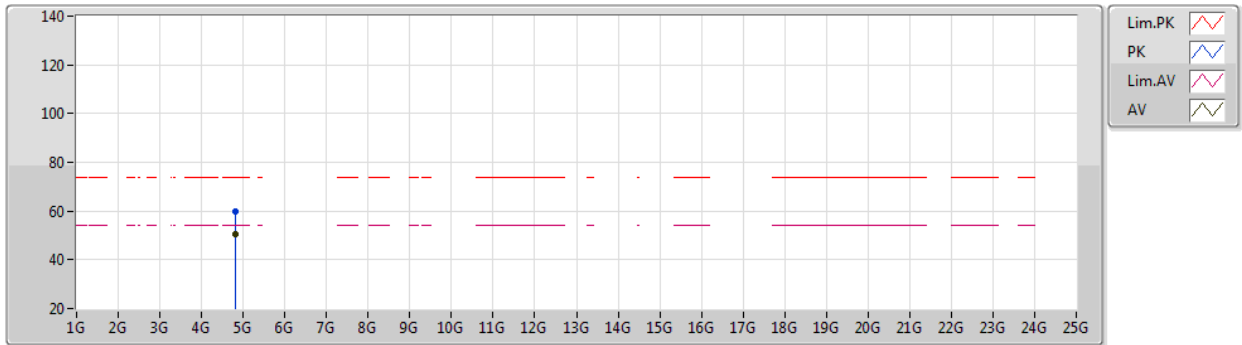


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8226G	49.41	54.00	-4.59	6.99	3	Vertical	11	3.00	-	42.42	31.10	9.94	34.05
PK	4.8223G	59.47	74.00	-14.53	6.98	3	Vertical	11	3.00	-	52.49	31.10	9.93	34.05

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2412MHz_TX

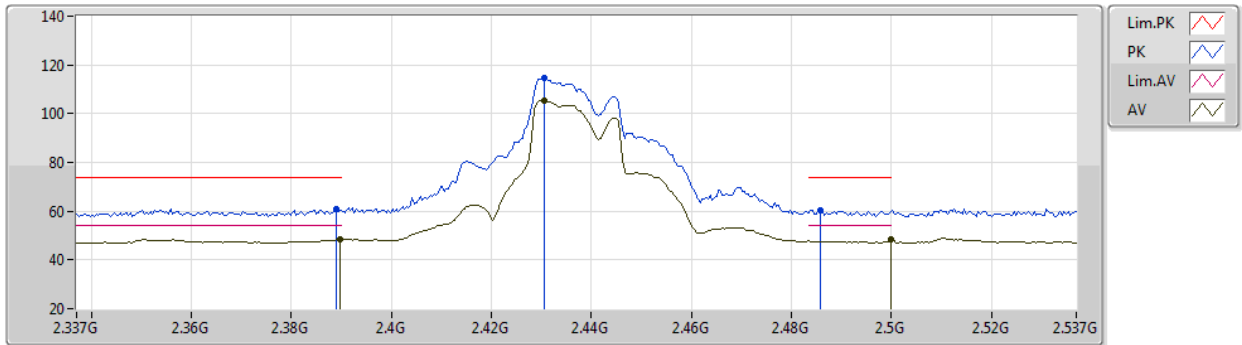


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	4.8223G	59.80	74.00	-14.20	6.98	3	Horizontal	311	2.84	-	52.82	31.10	9.93	34.05
AV	4.8244G	50.47	54.00	-3.53	6.99	3	Horizontal	311	2.84	-	43.48	31.10	9.94	34.05

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2437MHz_TX

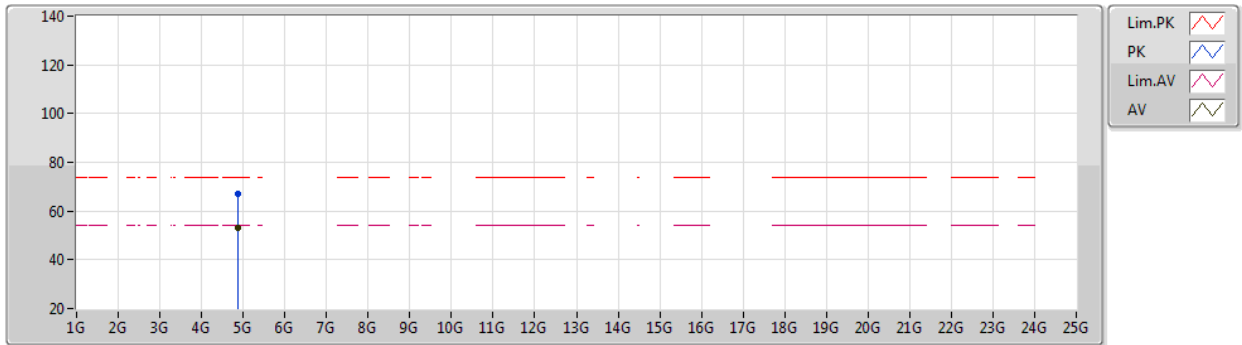


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.52	54.00	-5.48	34.97	3	Vertical	282	1.50	-	13.55	27.64	7.33	-
AV	2.4306G	105.47	Inf	-Inf	34.92	3	Vertical	282	1.50	-	70.55	27.57	7.35	-
AV	2.4998G	48.59	54.00	-5.41	34.87	3	Vertical	282	1.50	-	13.72	27.50	7.37	-
PK	2.389G	60.81	74.00	-13.19	34.97	3	Vertical	282	1.50	-	25.84	27.64	7.33	-
PK	2.4306G	114.40	Inf	-Inf	34.92	3	Vertical	282	1.50	-	79.48	27.57	7.35	-
PK	2.4858G	60.39	74.00	-13.61	34.88	3	Vertical	282	1.50	-	25.51	27.51	7.37	-

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2437MHz_TX

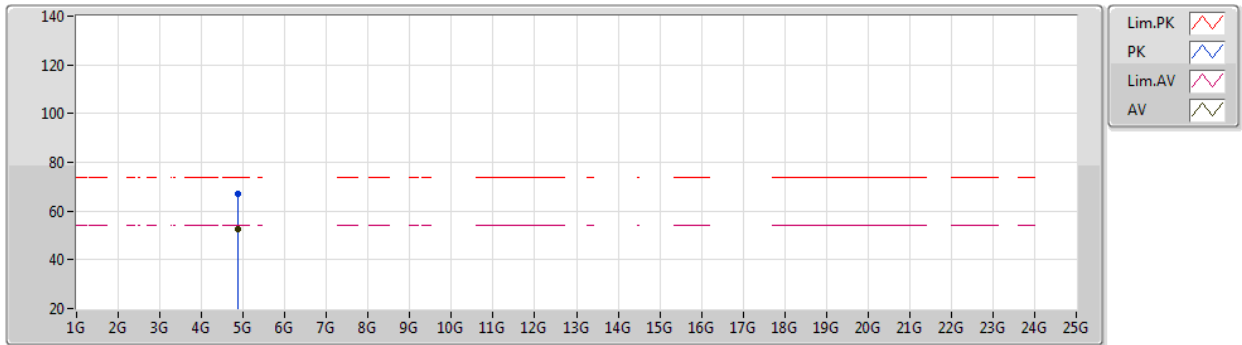


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8741G	53.15	54.00	-0.85	7.03	3	Vertical	54	1.00	-	46.12	31.10	9.98	34.05
PK	4.8751G	66.91	74.00	-7.09	7.03	3	Vertical	54	1.00	-	59.88	31.10	9.98	34.05

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2437MHz_TX

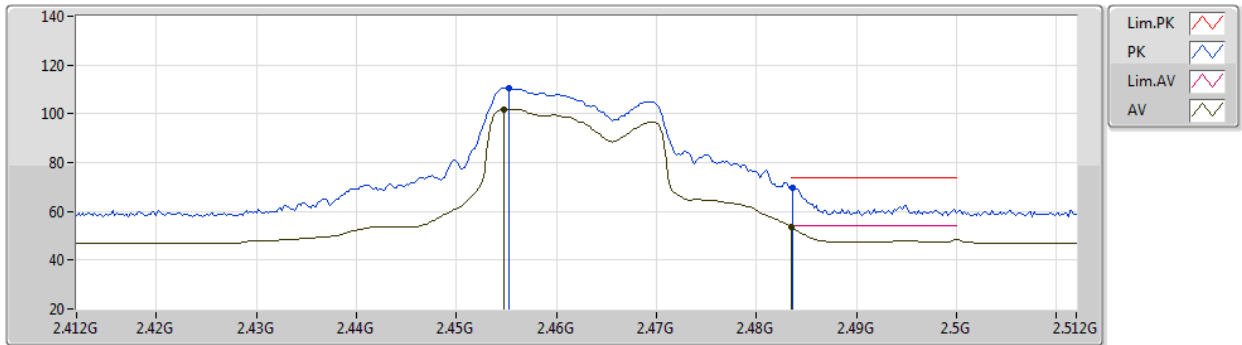


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8756G	52.62	54.00	-1.38	7.03	3	Horizontal	308	1.00	-	45.59	31.10	9.98	34.05
PK	4.8749G	67.19	74.00	-6.81	7.03	3	Horizontal	308	1.00	-	60.16	31.10	9.98	34.05

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2462MHz_TX

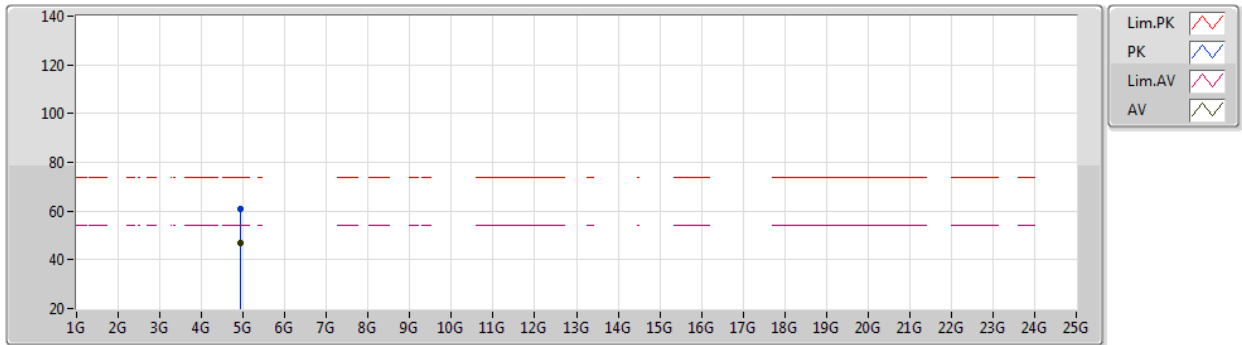


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4548G	101.82	Inf	-Inf	34.90	3	Vertical	282	1.00	-	66.92	27.55	7.35	-
AV	2.4835G	53.60	54.00	-0.40	34.89	3	Vertical	282	1.00	-	18.71	27.52	7.37	-
PK	2.4552G	110.52	Inf	-Inf	34.90	3	Vertical	282	1.00	-	75.62	27.54	7.36	-
PK	2.4836G	69.49	74.00	-4.51	34.89	3	Vertical	282	1.00	-	34.60	27.52	7.37	-

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2462MHz_TX

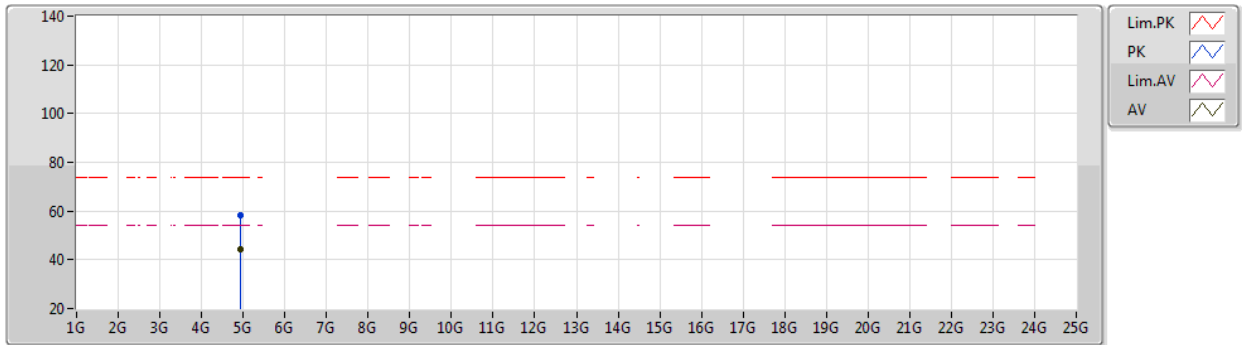


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9241G	47.04	54.00	-6.96	7.17	3	Vertical	43	2.97	-	39.87	31.20	10.02	34.05
PK	4.9247G	61.08	74.00	-12.92	7.17	3	Vertical	43	2.97	-	53.91	31.20	10.02	34.05

802.11g_Nss1,(6Mbps)_2TX

21/10/2019

2462MHz_TX

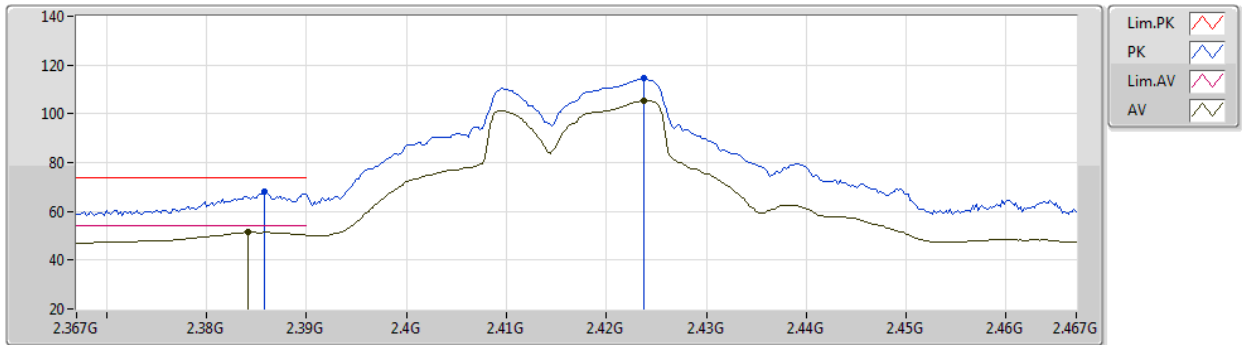


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9241G	44.39	54.00	-9.61	7.17	3	Horizontal	349	1.01	-	37.22	31.20	10.02	34.05
PK	4.9249G	58.21	74.00	-15.79	7.17	3	Horizontal	349	1.01	-	51.04	31.20	10.02	34.05

802.11g_Nss1,(6Mbps)_2TX

22/10/2019

2417MHz_TX

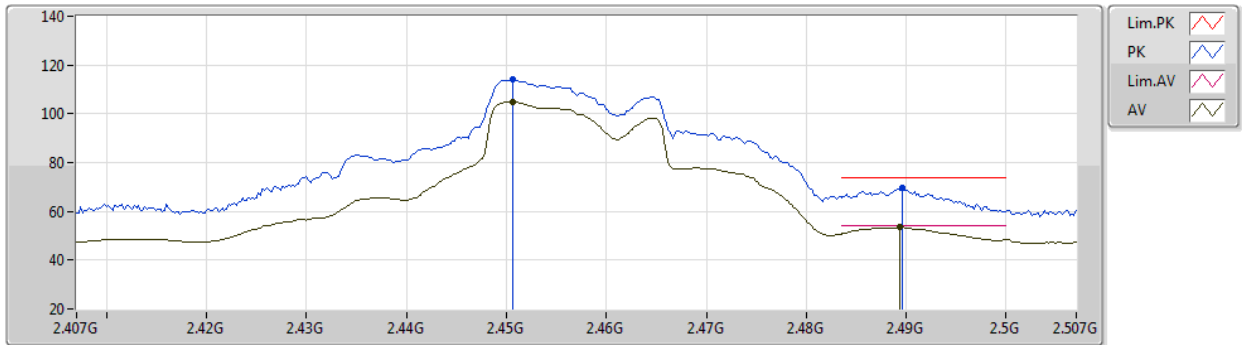


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3842G	51.56	54.00	-2.44	34.99	3	Vertical	342	1.50	-	16.57	27.66	7.33	-
AV	2.4238G	105.27	Inf	-Inf	34.92	3	Vertical	342	1.50	-	70.35	27.58	7.34	-
PK	2.3858G	68.28	74.00	-5.72	34.99	3	Vertical	342	1.50	-	33.29	27.66	7.33	-
PK	2.4238G	114.44	Inf	-Inf	34.92	3	Vertical	342	1.50	-	79.52	27.58	7.34	-

802.11g_Nss1,(6Mbps)_2TX

22/10/2019

2457MHz_TX

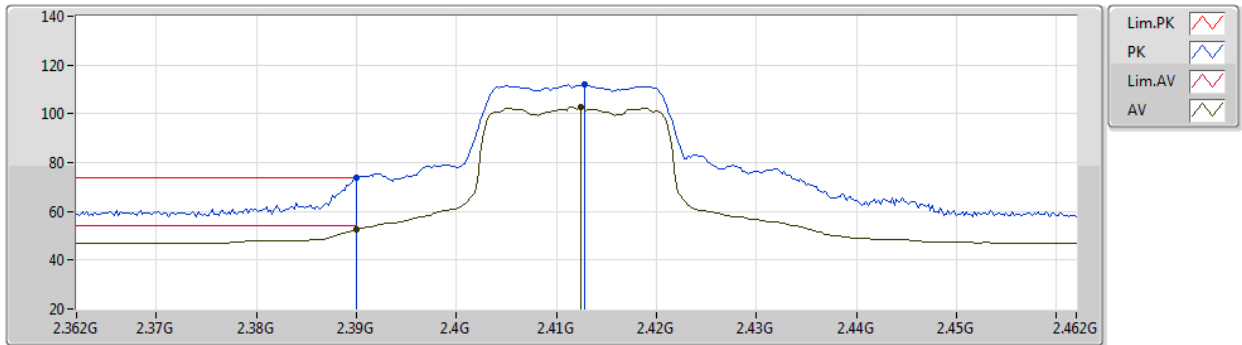


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4506G	104.87	Inf	-Inf	34.90	3	Vertical	167	1.50	-	69.97	27.55	7.35	-
AV	2.4894G	53.43	54.00	-0.57	34.88	3	Vertical	167	1.50	-	18.55	27.51	7.37	-
PK	2.4506G	113.95	Inf	-Inf	34.90	3	Vertical	167	1.50	-	79.05	27.55	7.35	-
PK	2.4896G	69.67	74.00	-4.33	34.88	3	Vertical	167	1.50	-	34.79	27.51	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2412MHz_TX

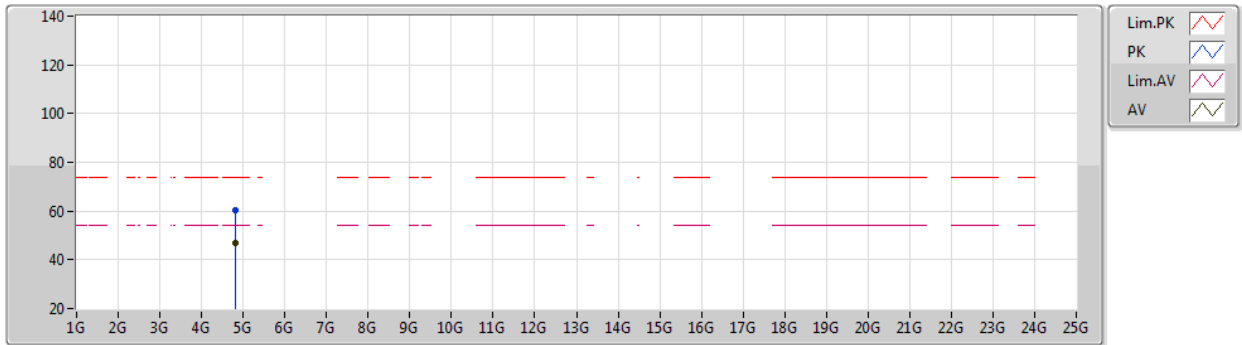


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.48	54.00	-1.52	34.97	3	Vertical	355	1.20	-	17.51	27.64	7.33	-
AV	2.4124G	102.77	Inf	-Inf	34.93	3	Vertical	355	1.20	-	67.84	27.59	7.34	-
PK	2.39G	73.84	74.00	-0.16	34.97	3	Vertical	355	1.20	-	38.87	27.64	7.33	-
PK	2.4128G	112.10	Inf	-Inf	34.93	3	Vertical	355	1.20	-	77.17	27.59	7.34	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2412MHz_TX

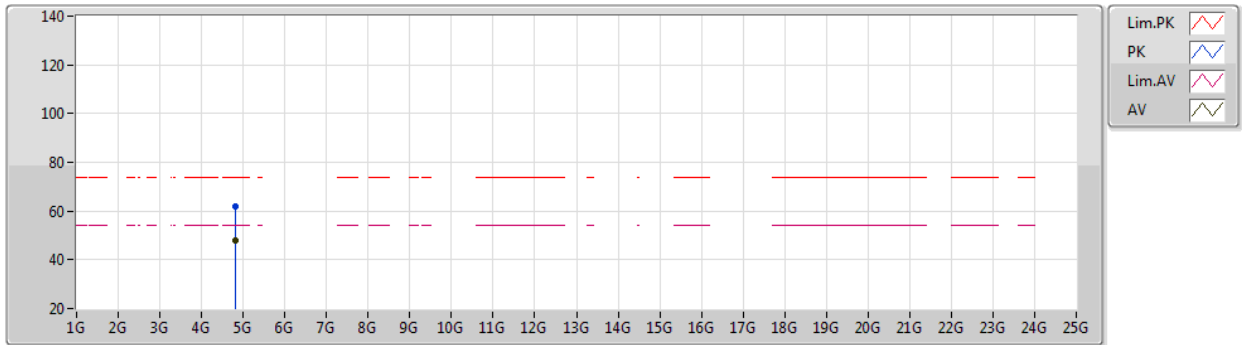


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82424G	46.95	54.00	-7.05	6.99	3	Vertical	8	2.94	-	39.96	31.10	9.94	34.05
PK	4.82364G	60.29	74.00	-13.71	6.99	3	Vertical	8	2.94	-	53.30	31.10	9.94	34.05

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2412MHz_TX

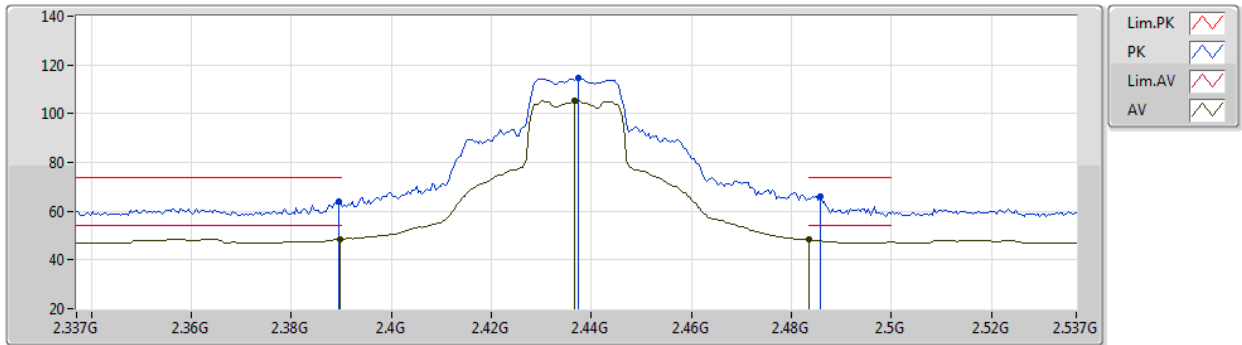


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82424G	47.87	54.00	-6.13	6.99	3	Horizontal	303	1.06	-	40.88	31.10	9.94	34.05
PK	4.8222G	61.69	74.00	-12.31	6.98	3	Horizontal	303	1.06	-	54.71	31.10	9.93	34.05

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2437MHz_TX

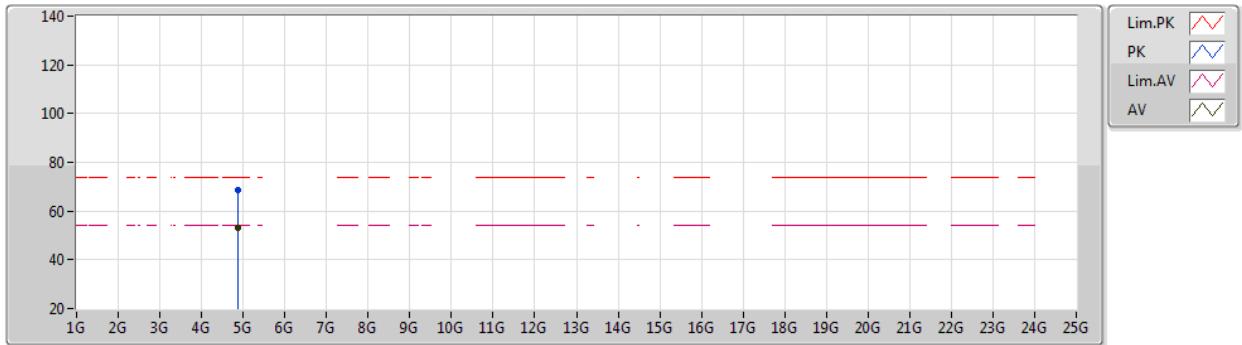


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.56	54.00	-5.44	34.97	3	Vertical	175	1.50	-	13.59	27.64	7.33	-
AV	2.4366G	105.29	Inf	-Inf	34.91	3	Vertical	175	1.50	-	70.38	27.56	7.35	-
AV	2.4835G	48.26	54.00	-5.74	34.89	3	Vertical	175	1.50	-	13.37	27.52	7.37	-
PK	2.3894G	63.96	74.00	-10.04	34.97	3	Vertical	175	1.50	-	28.99	27.64	7.33	-
PK	2.4374G	114.59	Inf	-Inf	34.91	3	Vertical	175	1.50	-	79.68	27.56	7.35	-
PK	2.4858G	66.04	74.00	-7.96	34.88	3	Vertical	175	1.50	-	31.16	27.51	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2437MHz_TX

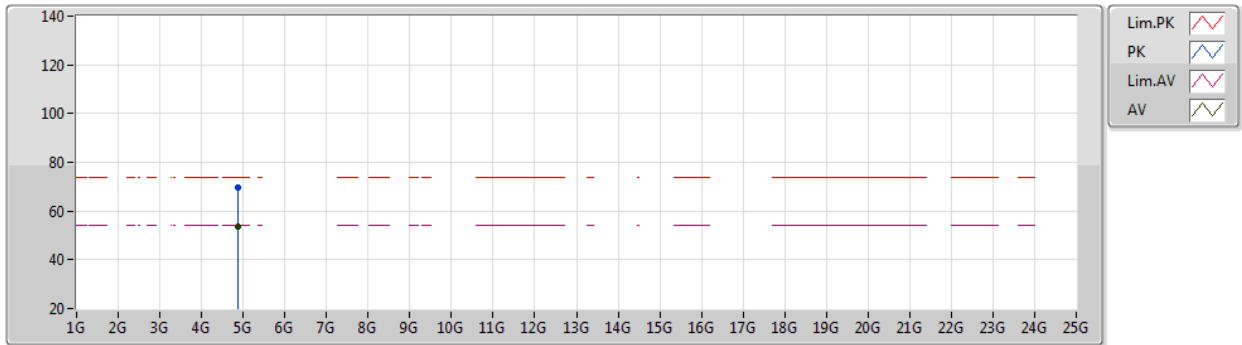


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87466G	53.03	54.00	-0.97	7.03	3	Vertical	52	1.00	-	46.00	31.10	9.98	34.05
PK	4.87226G	68.63	74.00	-5.37	7.03	3	Vertical	52	1.00	-	61.60	31.10	9.98	34.05

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2437MHz_TX

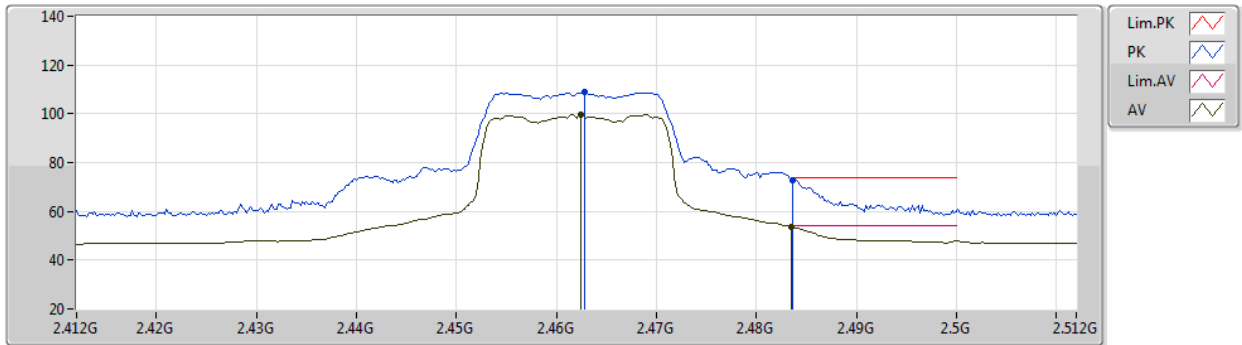


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87388G	53.80	54.00	-0.20	7.03	3	Horizontal	306	3.00	-	46.77	31.10	9.98	34.05
PK	4.8722G	69.50	74.00	-4.50	7.03	3	Horizontal	306	3.00	-	62.47	31.10	9.98	34.05

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2462MHz_TX

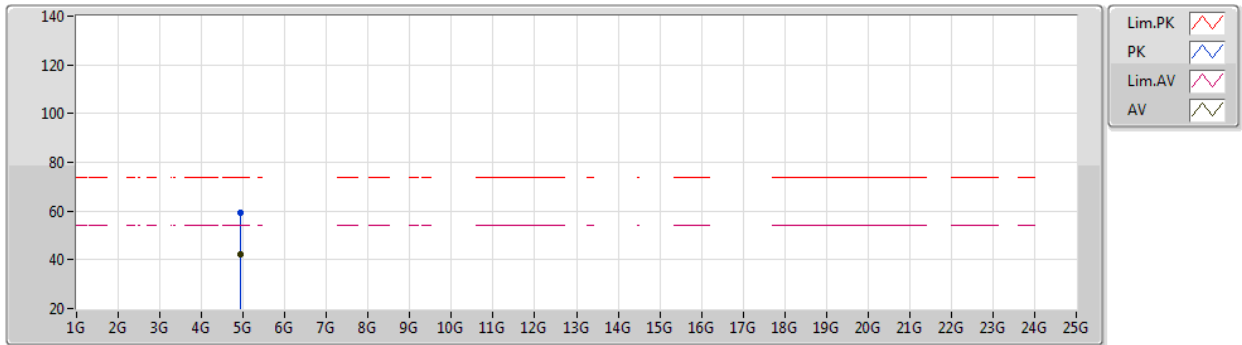


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4624G	99.53	Inf	-Inf	34.90	3	Vertical	3	1.50	-	64.63	27.54	7.36	-
AV	2.4835G	53.53	54.00	-0.47	34.89	3	Vertical	3	1.50	-	18.64	27.52	7.37	-
PK	2.4628G	108.86	Inf	-Inf	34.90	3	Vertical	3	1.50	-	73.96	27.54	7.36	-
PK	2.4836G	72.78	74.00	-1.22	34.89	3	Vertical	3	1.50	-	37.89	27.52	7.37	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2462MHz_TX

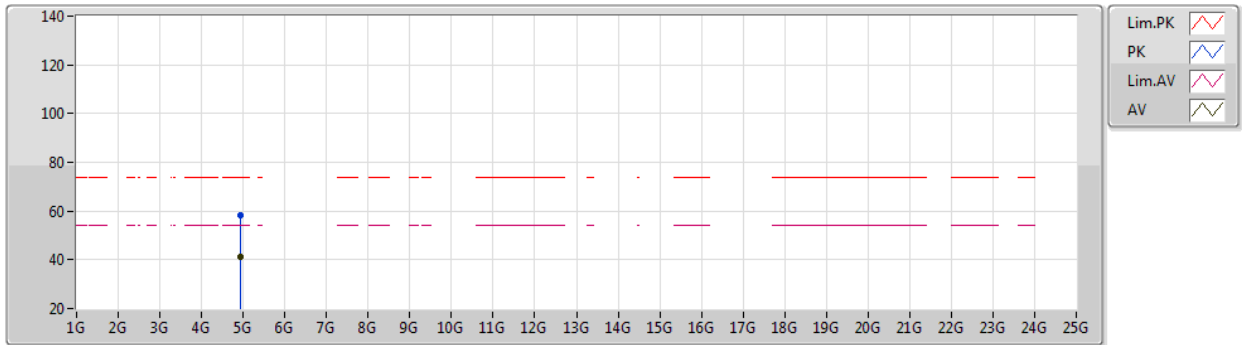


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	42.45	54.00	-11.55	7.17	3	Vertical	45	3.00	-	35.28	31.20	10.02	34.05
PK	4.93096G	59.42	74.00	-14.58	7.19	3	Vertical	45	3.00	-	52.23	31.22	10.02	34.05

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2462MHz_TX

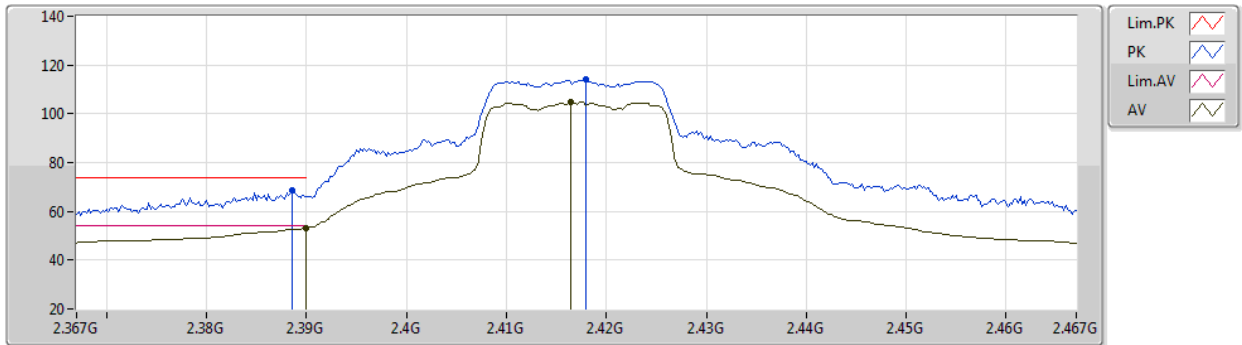


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92388G	41.15	54.00	-12.85	7.17	3	Horizontal	349	1.03	-	33.98	31.20	10.02	34.05
PK	4.92478G	58.13	74.00	-15.87	7.17	3	Horizontal	349	1.03	-	50.96	31.20	10.02	34.05

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

2417MHz_TX

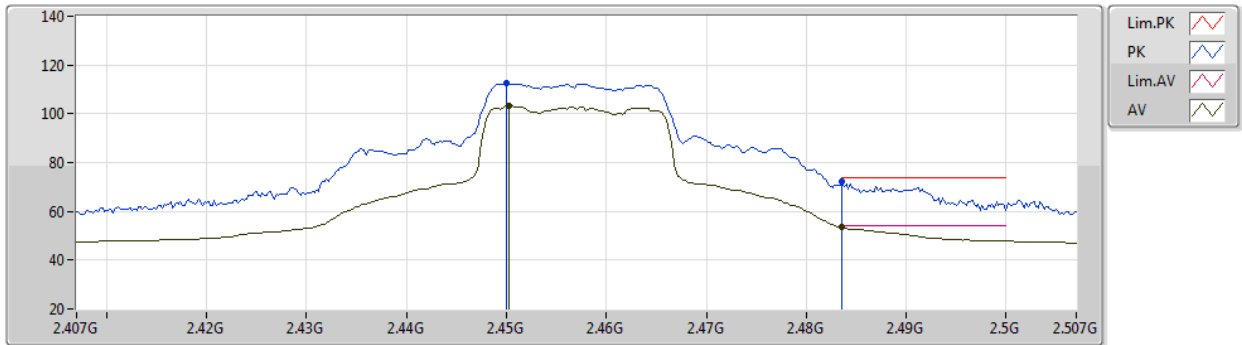


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.26	54.00	-0.74	34.97	3	Vertical	0	1.50	-	18.29	27.64	7.33	-
AV	2.4164G	104.88	Inf	-Inf	34.92	3	Vertical	0	1.50	-	69.96	27.58	7.34	-
PK	2.3886G	68.63	74.00	-5.37	34.98	3	Vertical	0	1.50	-	33.65	27.65	7.33	-
PK	2.418G	113.91	Inf	-Inf	34.92	3	Vertical	0	1.50	-	78.99	27.58	7.34	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2019

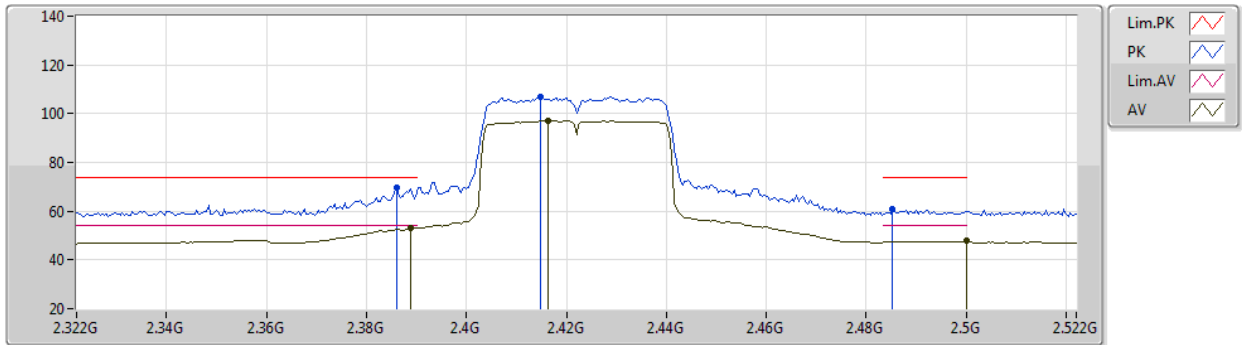
2457MHz_TX



802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2422MHz_TX

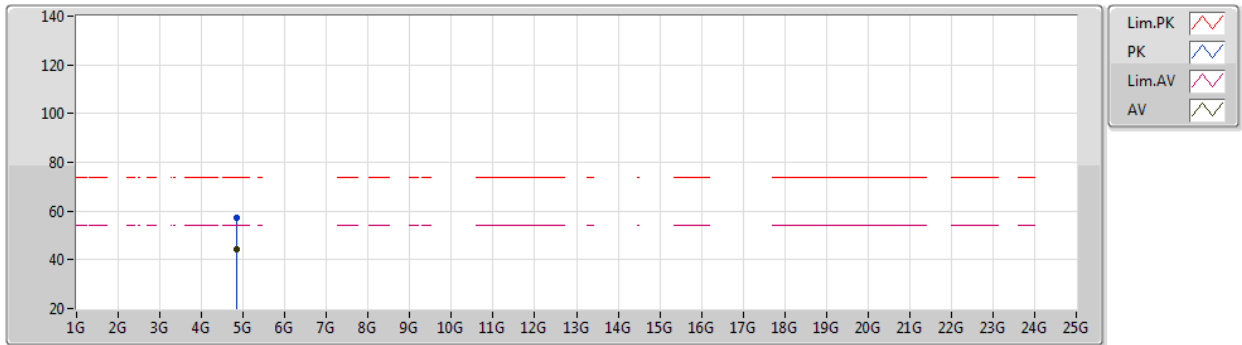


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	52.94	54.00	-1.06	34.97	3	Vertical	180	1.50	-	17.97	27.64	7.33	-
AV	2.4164G	97.07	Inf	-Inf	34.92	3	Vertical	180	1.50	-	62.15	27.58	7.34	-
AV	2.5G	47.97	54.00	-6.03	34.87	3	Vertical	180	1.50	-	13.10	27.50	7.37	-
PK	2.386G	69.63	74.00	-4.37	34.99	3	Vertical	180	1.50	-	34.64	27.66	7.33	-
PK	2.4148G	107.14	Inf	-Inf	34.93	3	Vertical	180	1.50	-	72.21	27.59	7.34	-
PK	2.4852G	60.69	74.00	-13.31	34.88	3	Vertical	180	1.50	-	25.81	27.51	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2422MHz_TX

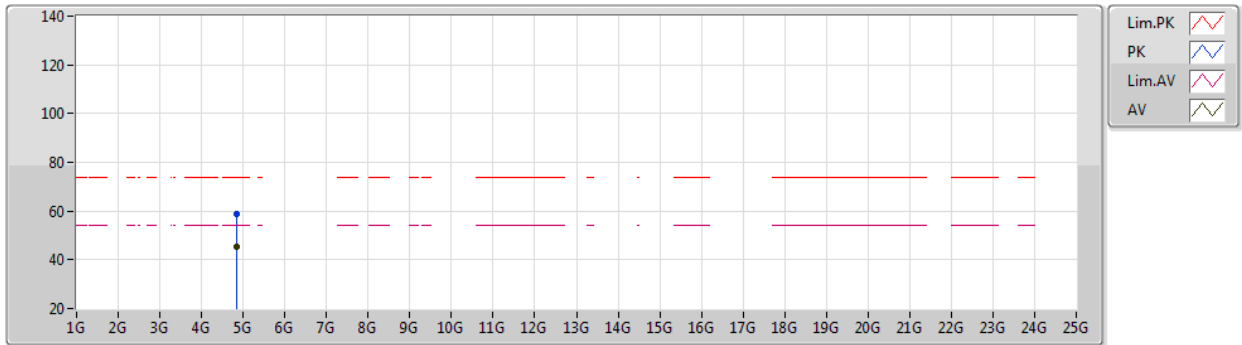


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84395G	44.07	54.00	-9.93	7.00	3	Vertical	9	2.96	-	37.07	31.10	9.95	34.05
PK	4.84205G	57.10	74.00	-16.90	7.00	3	Vertical	9	2.96	-	50.10	31.10	9.95	34.05

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2422MHz_TX

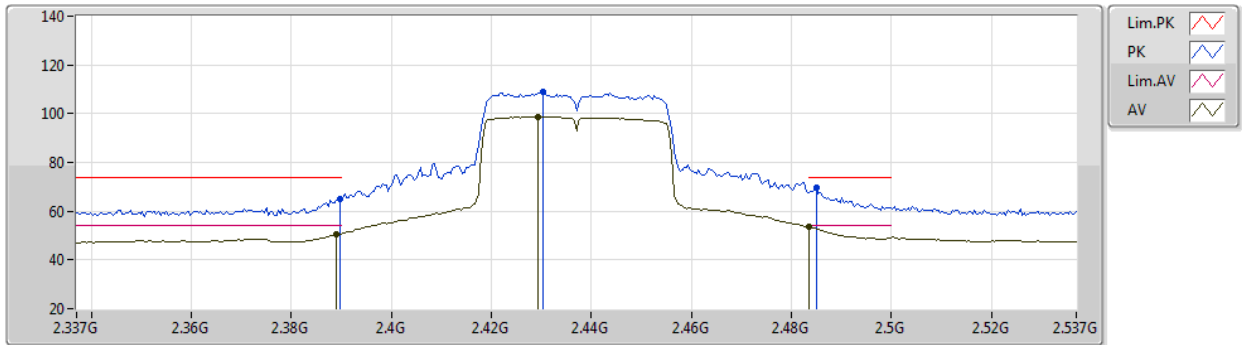


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84391G	45.33	54.00	-8.67	7.00	3	Horizontal	301	1.00	-	38.33	31.10	9.95	34.05
PK	4.84366G	58.76	74.00	-15.24	7.00	3	Horizontal	301	1.00	-	51.76	31.10	9.95	34.05

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2437MHz_TX

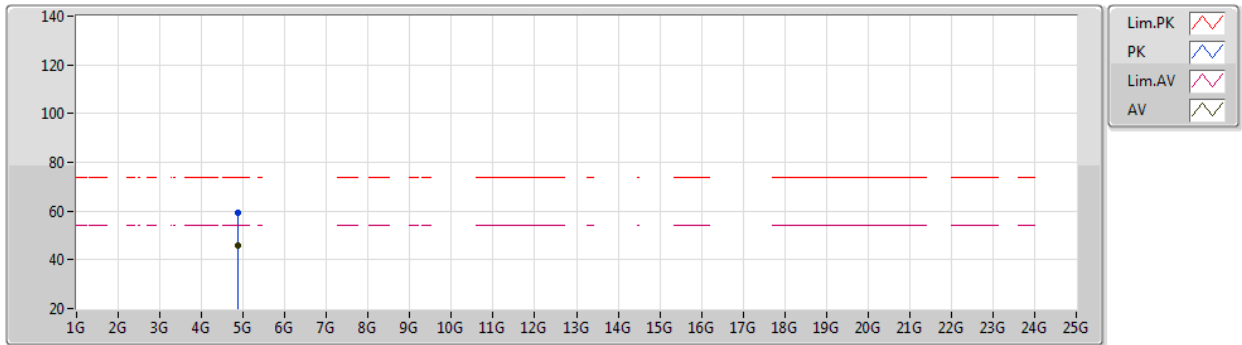


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	50.70	54.00	-3.30	34.97	3	Vertical	359	1.50	-	15.73	27.64	7.33	-
AV	2.4294G	98.66	Inf	-Inf	34.91	3	Vertical	359	1.50	-	63.75	27.57	7.34	-
AV	2.4835G	53.66	54.00	-0.34	34.89	3	Vertical	359	1.50	-	18.77	27.52	7.37	-
PK	2.3898G	64.80	74.00	-9.20	34.97	3	Vertical	359	1.50	-	29.83	27.64	7.33	-
PK	2.4302G	108.92	Inf	-Inf	34.92	3	Vertical	359	1.50	-	74.00	27.57	7.35	-
PK	2.485G	69.57	74.00	-4.43	34.89	3	Vertical	359	1.50	-	34.68	27.52	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2437MHz_TX

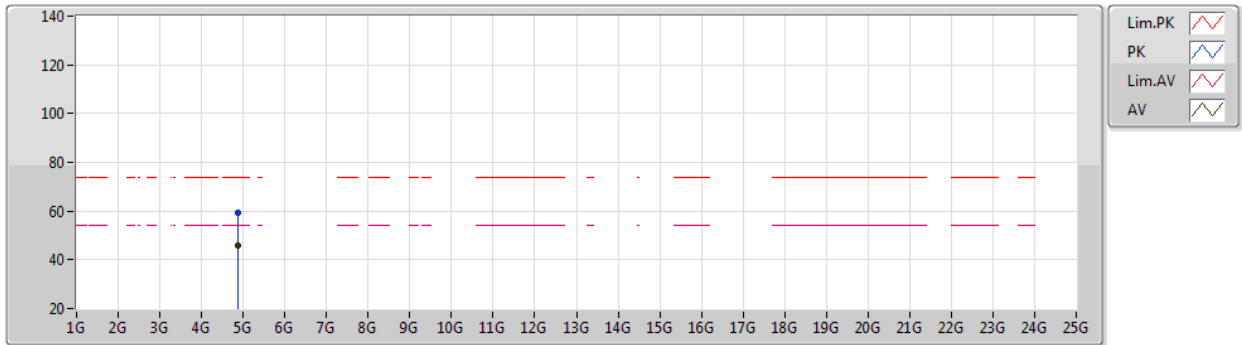


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87396G	45.69	54.00	-8.31	7.03	3	Vertical	52	1.00	-	38.66	31.10	9.98	34.05
PK	4.87211G	59.44	74.00	-14.56	7.03	3	Vertical	52	1.00	-	52.41	31.10	9.98	34.05

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2437MHz_TX

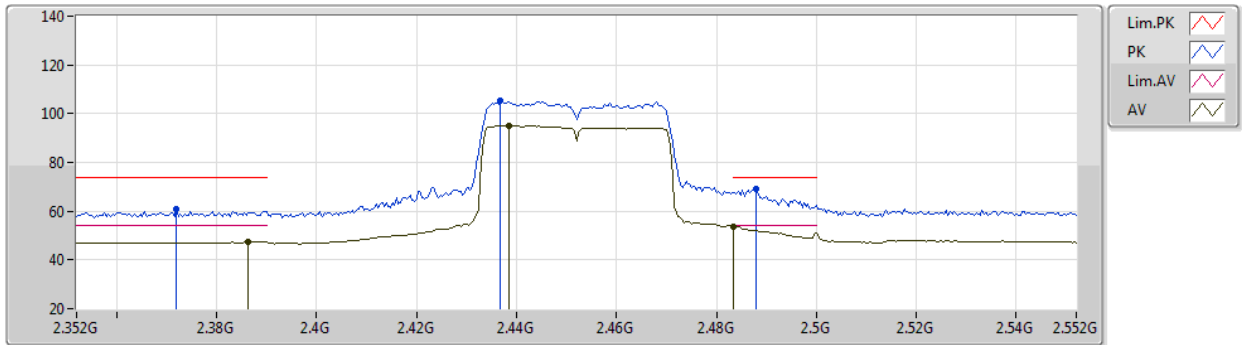


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87415G	46.03	54.00	-7.97	7.03	3	Horizontal	307	3.00	-	39.00	31.10	9.98	34.05
PK	4.87198G	59.33	74.00	-14.67	7.02	3	Horizontal	307	3.00	-	52.31	31.10	9.97	34.05

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2452MHz_TX

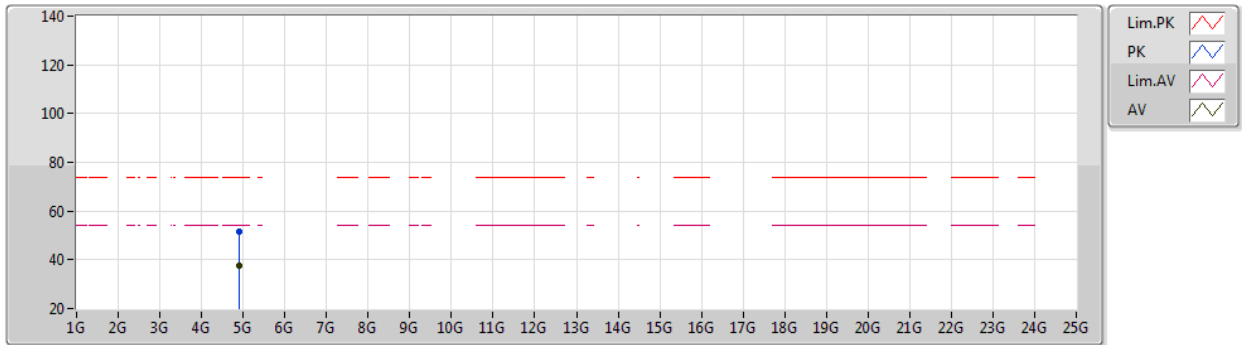


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3864G	47.30	54.00	-6.70	34.98	3	Vertical	317	1.21	-	12.32	27.65	7.33	-
AV	2.4384G	95.02	Inf	-Inf	34.91	3	Vertical	317	1.21	-	60.11	27.56	7.35	-
AV	2.4835G	53.43	54.00	-0.57	34.89	3	Vertical	317	1.21	-	18.54	27.52	7.37	-
PK	2.372G	60.73	74.00	-13.27	35.05	3	Vertical	317	1.21	-	25.68	27.71	7.34	-
PK	2.4368G	105.28	Inf	-Inf	34.91	3	Vertical	317	1.21	-	70.37	27.56	7.35	-
PK	2.488G	69.21	74.00	-4.79	34.88	3	Vertical	317	1.21	-	34.33	27.51	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2452MHz_TX

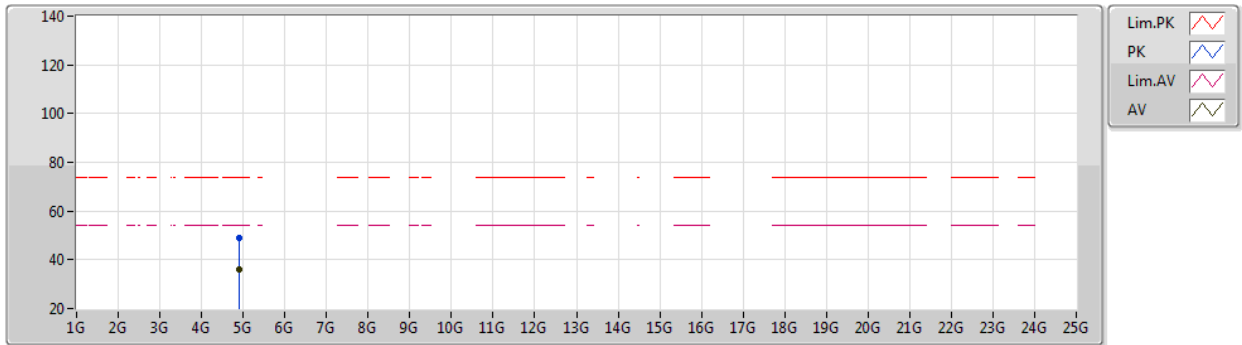


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90419G	37.42	54.00	-16.58	7.07	3	Vertical	1	2.97	-	30.35	31.12	10.00	34.05
PK	4.90373G	51.55	74.00	-22.45	7.06	3	Vertical	1	2.97	-	44.49	31.11	10.00	34.05

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2452MHz_TX

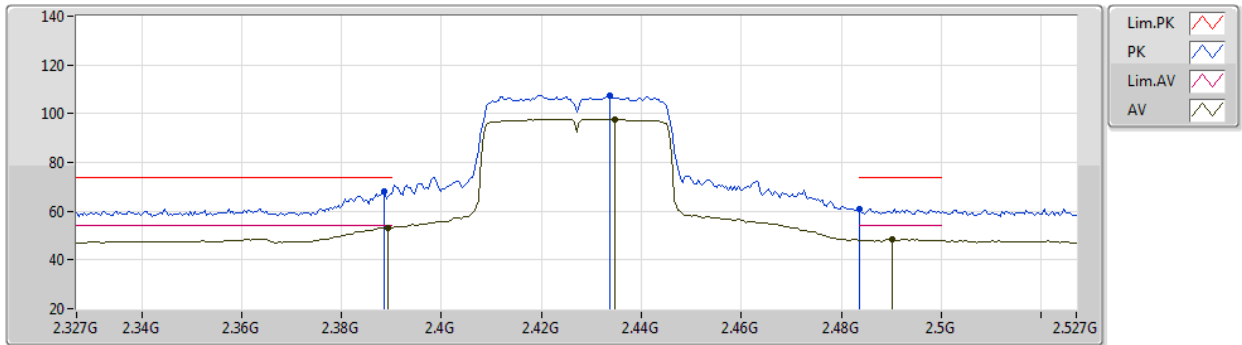


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90399G	35.93	54.00	-18.07	7.07	3	Horizontal	329	1.04	-	28.86	31.12	10.00	34.05
PK	4.90421G	48.79	74.00	-25.21	7.07	3	Horizontal	329	1.04	-	41.72	31.12	10.00	34.05

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

2427MHz_TX

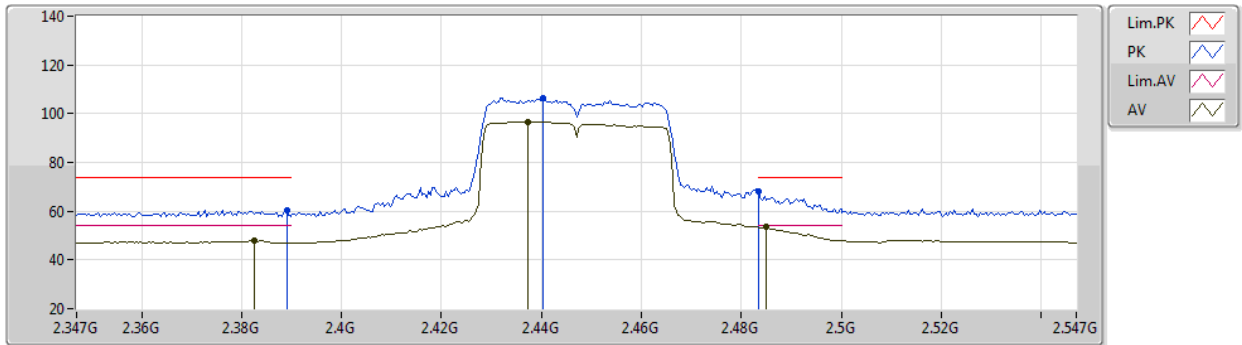


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.34	54.00	-0.66	34.97	3	Vertical	356	1.50	-	18.37	27.64	7.33	-
AV	2.4346G	97.72	Inf	-Inf	34.92	3	Vertical	356	1.50	-	62.80	27.57	7.35	-
AV	2.4902G	48.36	54.00	-5.64	34.88	3	Vertical	356	1.50	-	13.48	27.51	7.37	-
PK	2.3886G	68.21	74.00	-5.79	34.98	3	Vertical	356	1.50	-	33.23	27.65	7.33	-
PK	2.4338G	107.52	Inf	-Inf	34.92	3	Vertical	356	1.50	-	72.60	27.57	7.35	-
PK	2.4835G	61.06	74.00	-12.94	34.89	3	Vertical	356	1.50	-	26.17	27.52	7.37	-

802.11n HT40_Nss1,(MCS0)_2TX

22/10/2019

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	2.3826G	47.88	54.00	-6.12	35.00	3	Vertical	351	1.50	-	12.88	27.67	7.33	-
AV	2.4374G	96.58	Inf	-Inf	34.91	3	Vertical	351	1.50	-	61.67	27.56	7.35	-
AV	2.485G	53.48	54.00	-0.52	34.89	3	Vertical	351	1.50	-	18.59	27.52	7.37	-
PK	2.389G	60.26	74.00	-13.74	34.97	3	Vertical	351	1.50	-	25.29	27.64	7.33	-
PK	2.4402G	106.41	Inf	-Inf	34.91	3	Vertical	351	1.50	-	71.50	27.56	7.35	-
PK	2.4835G	68.23	74.00	-5.77	34.89	3	Vertical	351	1.50	-	33.34	27.52	7.37	-

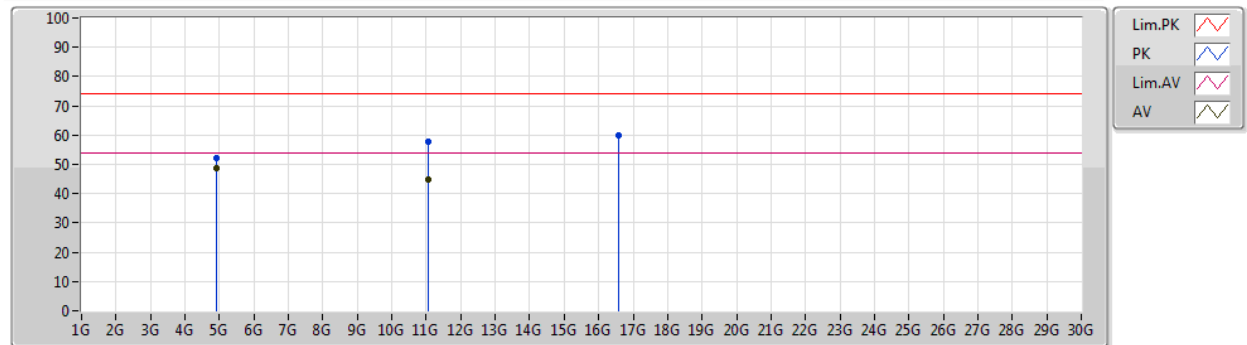


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	AV	4.9244G	51.84	54.00	-2.16	3.72	Horizontal

Mode 1

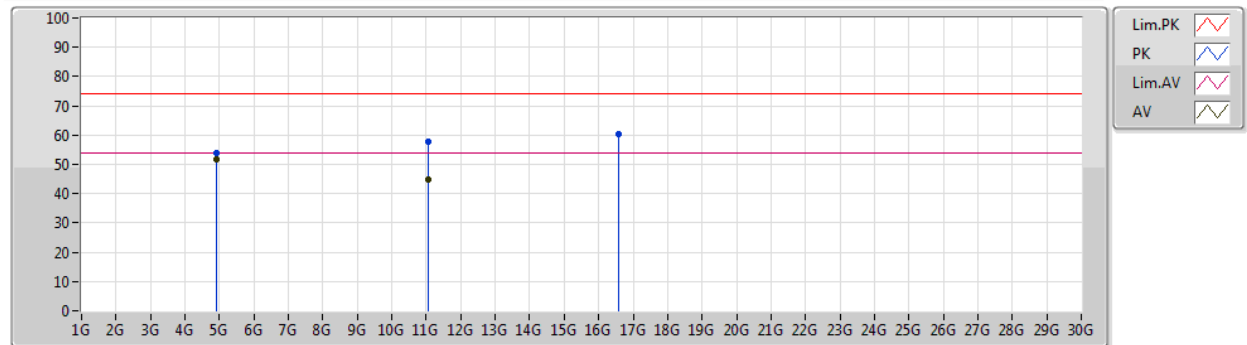
23/03/2020



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	4.9241G	48.58	54.00	-5.42	3.89	3	Horizontal	44	2.31	-	44.69	31.20	6.74	34.05
AV	11.05766G	44.85	54.00	-9.15	15.57	3	Horizontal	143	1.49	-	29.28	40.13	9.60	34.16
PK	4.92408G	52.25	74.00	-21.75	3.89	3	Horizontal	44	2.31	-	48.36	31.20	6.74	34.05
PK	11.06125G	57.81	74.00	-16.19	15.56	3	Horizontal	143	1.49	-	42.25	40.12	9.60	34.16
PK	16.59132G	60.04	74.00	-13.96	16.47	3	Horizontal	8	1.41	-	43.57	39.10	11.23	33.86

Mode 1

23/03/2020



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	4.9244G	51.84	54.00	-2.16	3.72	3	Horizontal	330	1.08	-	48.12	31.20	6.74	34.22
AV	11.05849G	44.77	54.00	-9.23	15.51	3	Horizontal	87	1.51	-	29.26	40.12	9.60	34.21
PK	4.92415G	54.03	74.00	-19.97	3.72	3	Horizontal	330	1.08	-	50.31	31.20	6.74	34.22
PK	11.05762G	57.89	74.00	-16.11	15.52	3	Horizontal	87	1.51	-	42.37	40.13	9.60	34.21
PK	16.59217G	60.16	74.00	-13.84	16.24	3	Horizontal	133	1.47	-	43.92	39.10	11.23	34.09

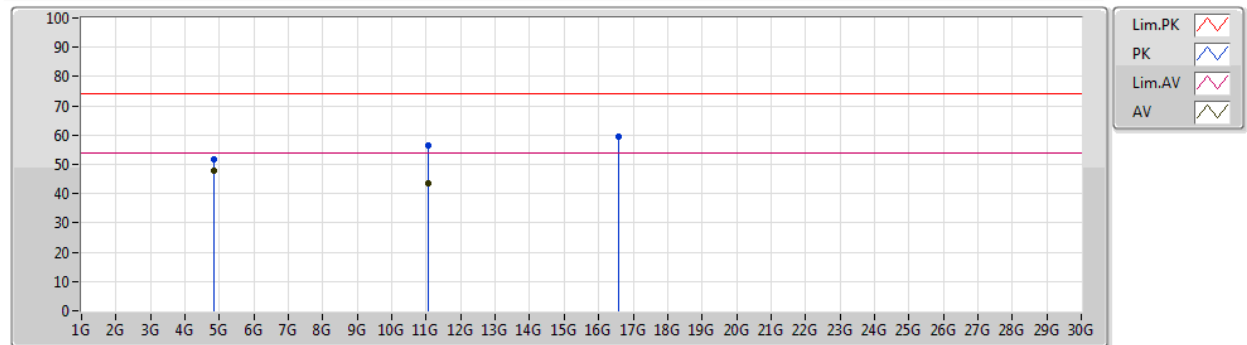


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	AV	4.8242G	50.68	54.00	-3.32	3.71	Horizontal

Mode 1

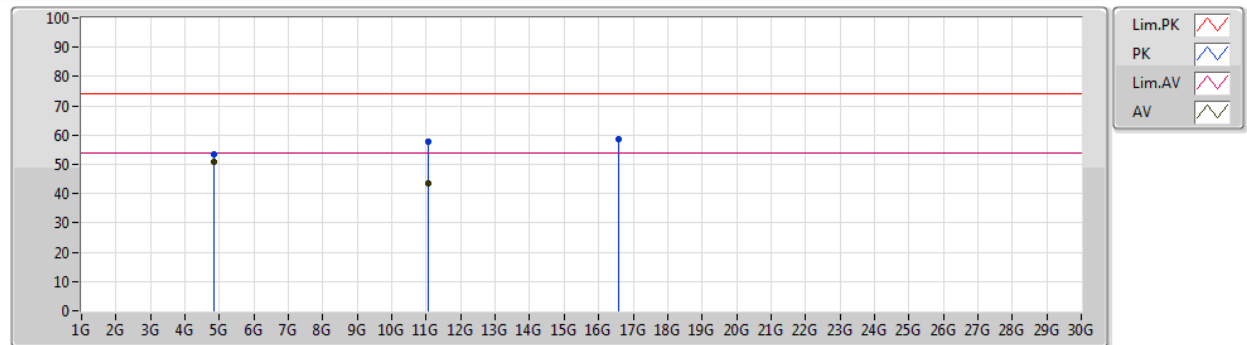
23/03/2020



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	4.82404G	47.83	54.00	-6.17	3.71	3	Vertical	45	1.15	-	44.12	31.10	6.66	34.05
AV	11.0593G	43.68	54.00	-10.32	15.56	3	Vertical	179	1.85	-	28.12	40.12	9.60	34.16
PK	4.82402G	51.77	74.00	-22.23	3.71	3	Vertical	45	1.15	-	48.06	31.10	6.66	34.05
PK	11.06217G	56.65	74.00	-17.35	15.56	3	Vertical	179	1.85	-	41.09	40.12	9.60	34.16
PK	16.59127G	59.64	74.00	-14.36	16.47	3	Vertical	205	2.39	-	43.17	39.10	11.23	33.86

Mode 1

23/03/2020



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	4.8242G	50.68	54.00	-3.32	3.71	3	Horizontal	304	2.88	-	46.97	31.10	6.66	34.05
AV	11.06064G	43.48	54.00	-10.52	15.56	3	Horizontal	131	1.49	-	27.92	40.12	9.60	34.16
PK	4.82399G	53.66	74.00	-20.34	3.71	3	Horizontal	304	2.88	-	49.95	31.10	6.66	34.05
PK	11.06037G	57.61	74.00	-16.39	15.56	3	Horizontal	131	1.49	-	42.05	40.12	9.60	34.16
PK	16.58914G	58.51	74.00	-15.49	16.46	3	Horizontal	283	2.05	-	42.05	39.09	11.23	33.86