

NCC Test Report

Equipment : 802.11abgn+ac + Bluetooth 2.1+3.0+4.0(Module)
Brand Name : NVIDIA
Model Name : P3310
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134, USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134, USA
Standard : LP0002 Section 3.10 (2018-01-10)

The product was received on Sep. 13, 2018, and testing was started from Sep. 13, 2018 and completed on Sep. 26, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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



Approved by: Allen Lin

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History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	3.10.1.4	Antenna Requirement	PASS	LP0002-2.2
3.1	2.3	AC Power-line Conducted Emissions	PASS	LP0002-2.3
3.2	3.10.1.6	DTS Bandwidth	PASS	≥500kHz
3.3	3.10.1.2	Maximum Conducted Output Power	PASS	Power [dBm]: 30
3.4	3.10.1.6	Power Spectral Density	PASS	PSD [dBm/3kHz]: 8
3.5	3.10.1.5	Emissions in Non-restricted Frequency Bands	PASS	Non-Restricted Bands: > 30 dBc
3.6	3.10.1.5	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: LP0002-2.8
3.7	2.11	Receiver Radiated Unwanted Emissions	PASS	Restricted Bands: LP0002-2.8

Reviewed by: Sam Tsai

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Shanghai Amphenol Airwave	Ci8717-15-000-R	PCB Antenna	I-PEX
2	Shanghai Amphenol Airwave	Ci8717-15-000-R	PCB Antenna	I-PEX
3	Shanghai Amphenol Airwave	CI8904-02-000-R	Dipole Antenna	I-PEX
4	Shanghai Amphenol Airwave	CI8904-02-000-R	Dipole Antenna	I-PEX

Ant.	Port	Gain (dBi)					
		2.4G	BT	5G			
				U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	6.02	6.02	5.53	6.48	7.91	5.38
2	2	6.02	-	5.53	6.48	7.91	5.38
3	1	4.58	4.58	3.52	4.48	3.75	4.06
4	2	4.58	-	3.52	4.48	3.75	4.06

Note: The EUT has two antenna configurations.

Type 1: Antenna 1(port 1) + Antenna 2(port 2)

Type 2: Antenna 3(port 1) + Antenna 4(port 2)

For 2.4GHz function:

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

Support diversity function and pre-tested on each single chain, the worst case was Port 2 and it was record in this test report.

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Port 1 and it was record in this test report.

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

Port 1 and Port 2 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Port 1 could transmit/receive simultaneously.

1.1.3 EUT Information

Identify EUT				
RF Chip	Broadcom/BCM4354			
Operational Condition				
EUT Power Type	From Switching Power Supply			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☐	With beamforming	☒	Without beamforming
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:		...	
☐	Other:			

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.991	0.039	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.932	0.306	1.43m	1k
802.11n HT20	0.929	0.32	1.338m	1k
802.11n HT40	0.852	0.696	665.625u	3k

1.2 Testing Applied Standards

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

- ♦ LP0002 (2018-01-10)
- ♦ ANSI C63.10-2013
- ♦ KDB 558074 D01 v05
- ♦ KDB 662911 D01 v02r01
- ♦ ANSI C63.4-2014

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
☐	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 Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Dexter	24.3°C / 66%	26/Sep/2018
Radiated	03CH09-HY	Andy Hsu	23.2°C / 56%	20/Sep/2018
AC Conduction	CO04-HY	Jerry Lin	24.5°C / 55.5%	22/Sep/2018

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	110V

2.2 Test Channel Mode

Test Software	Dos
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PCB Antenna

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	22
2437MHz	26
2457MHz	26
2462MHz	21
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	19
2417MHz	26
2437MHz	26
2447MHz	26
2452MHz	21.5
2457MHz	21
2462MHz	19
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	19.5
2417MHz	21
2422MHz	21.5
2427MHz	26
2437MHz	26
2442MHz	26
2447MHz	21.5
2452MHz	21
2457MHz	20.5
2462MHz	18
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	17.5
2437MHz	17.5
2442MHz	17
2447MHz	16
2452MHz	16

Dipole Antenna

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	22
2417MHz	25
2422MHz	26
2437MHz	26
2452MHz	26
2457MHz	21.5
2462MHz	20.5
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	18.5
2417MHz	20
2422MHz	21.5
2437MHz	21.5
2442MHz	21
2447MHz	20
2452MHz	19
2457MHz	18.5
2462MHz	16
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	18.5
2417MHz	20.5
2422MHz	21
2427MHz	21.5
2432MHz	22
2437MHz	22
2442MHz	21.5
2447MHz	20.5
2452MHz	20
2457MHz	19.5
2462MHz	16
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	16
2437MHz	16
2442MHz	16
2447MHz	15
2452MHz	12

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 / CRX
1	Switching Power Supply ; PCB Antenna
2	Switching Power Supply ; 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 Receiver Radiated Unwanted Emissions
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	CTX / CRX
1	Switching Power Supply ; PCB Antenna
2	Switching Power Supply ; Dipole Antenna
Orthogonal Planes of EUT	Z Plane
	
Worst Planes of EUT	V

2.4 Support Equipment

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

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

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Fixture	-	-	-

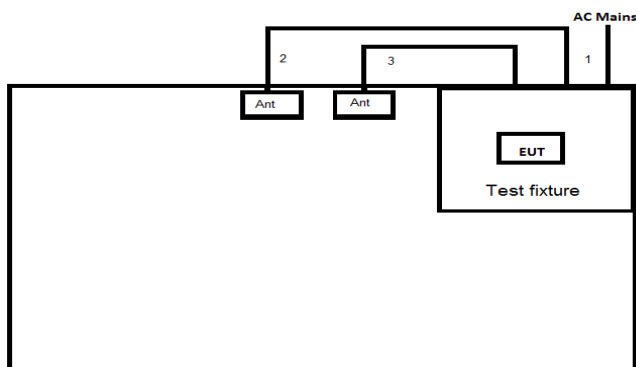
Note: Support equipment No.1 was provided by customer.

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Fixture	-	-	-

Note: Support equipment No.1 was provided by customer.

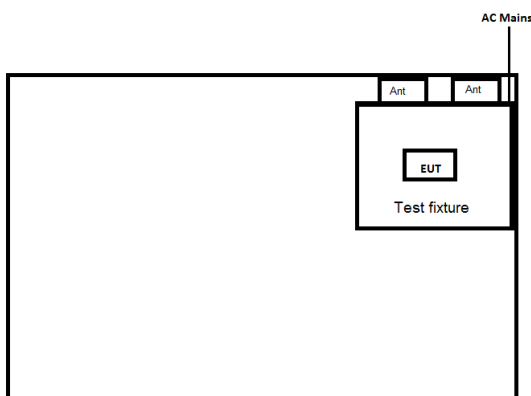
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test - PCB Antenna



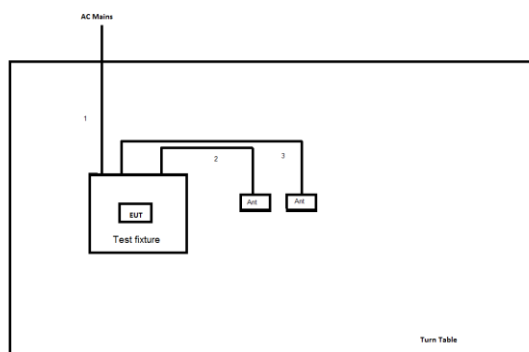
Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	Cable	No	1.05	-
3	Cable	No	1.05	-

Test Setup Diagram – AC Line Conducted Emission Test - Dipole Antenna



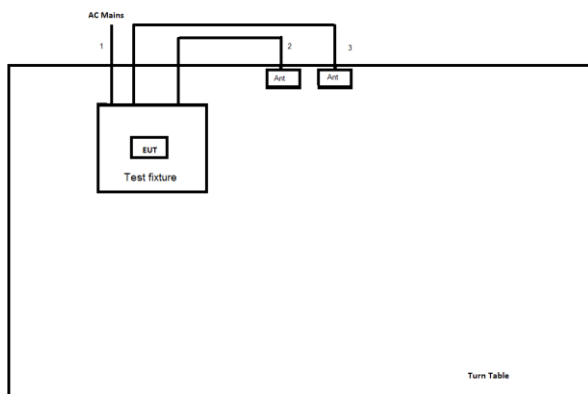
Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8m	-

Test Setup Diagram - Radiated Test TX - PCB Antenna

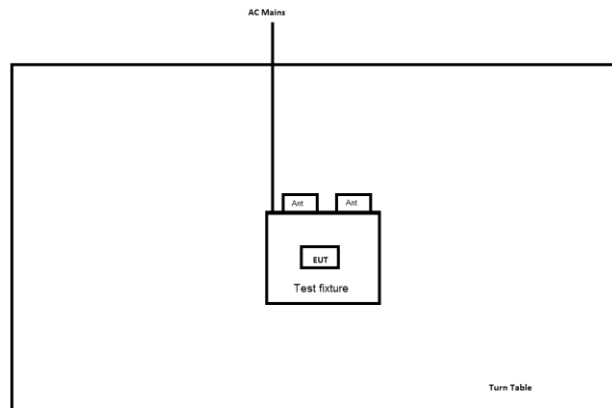


Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	Antenna Cable	No	1.05	-
3	Antenna Cable	No	1.05	-

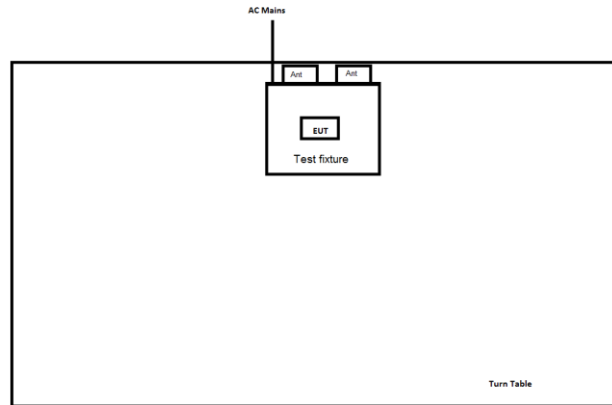
Test Setup Diagram - Radiated Test RX - PCB Antenna



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	Antenna Cable	No	1.05	-
3	Antenna Cable	No	1.05	-

Test Setup Diagram - Radiated Test TX - Dipole Antenna


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

Test Setup Diagram - Radiated Test RX - Dipole Antenna


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

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.

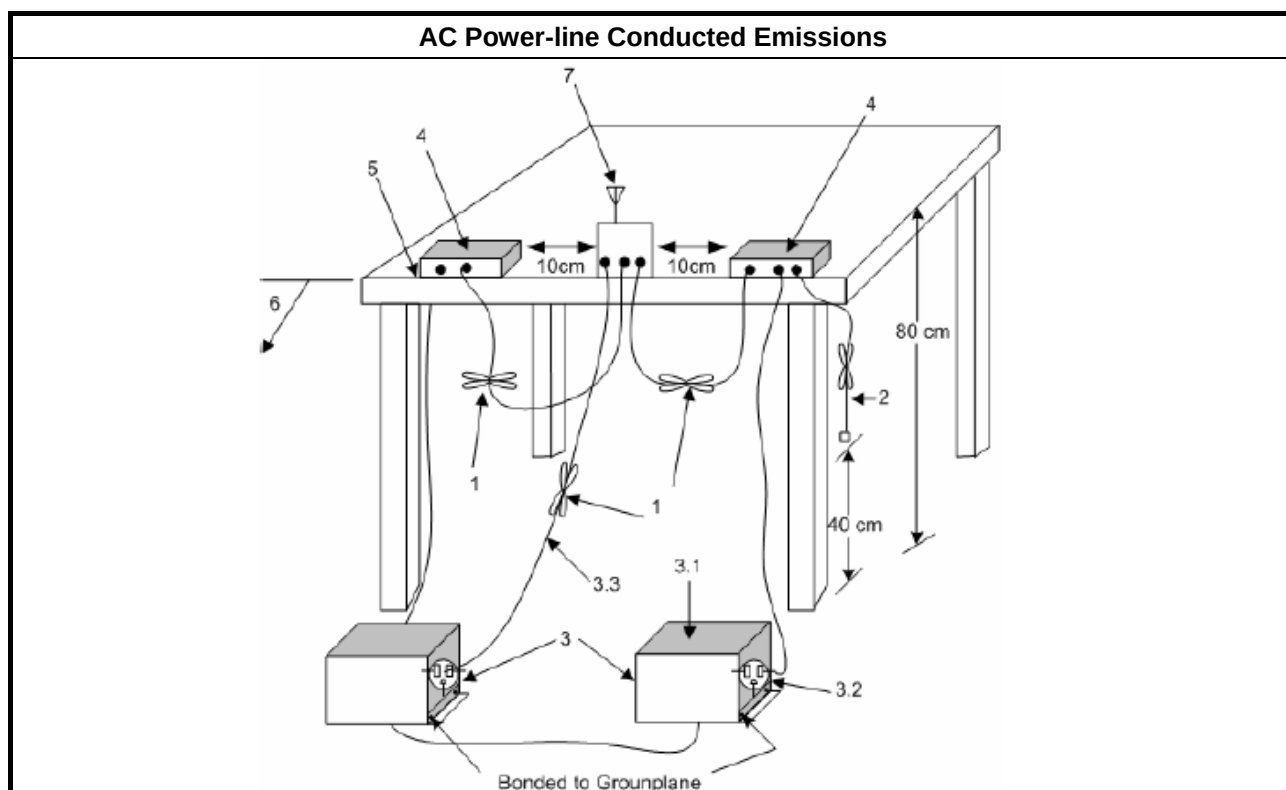
3.1.2 Measuring Instruments

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.

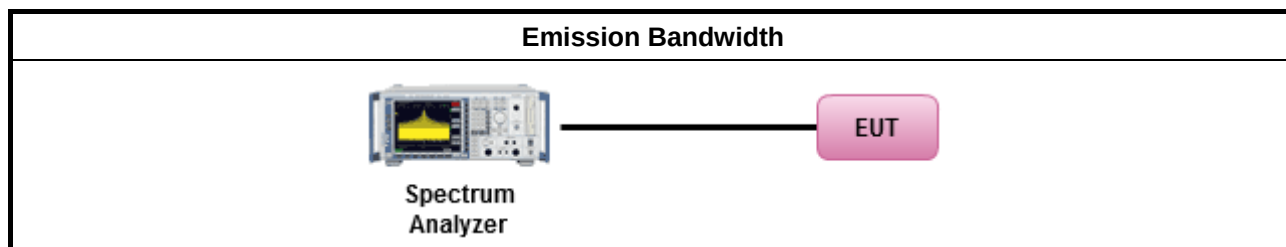
3.2.2 Measuring Instruments

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 (11.9.2.2 of ANSI C63.10) DTS bandwidth measurement.
☐ Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



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.		

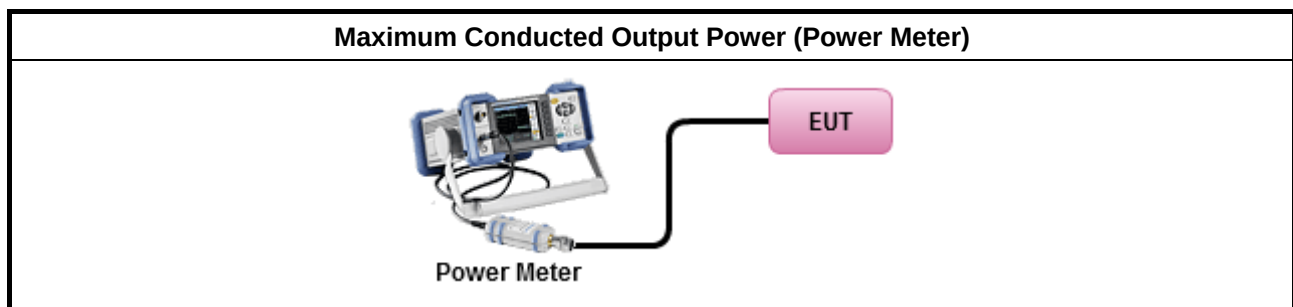
3.3.2 Measuring Instruments

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) ≤ 8 dBm/3kHz

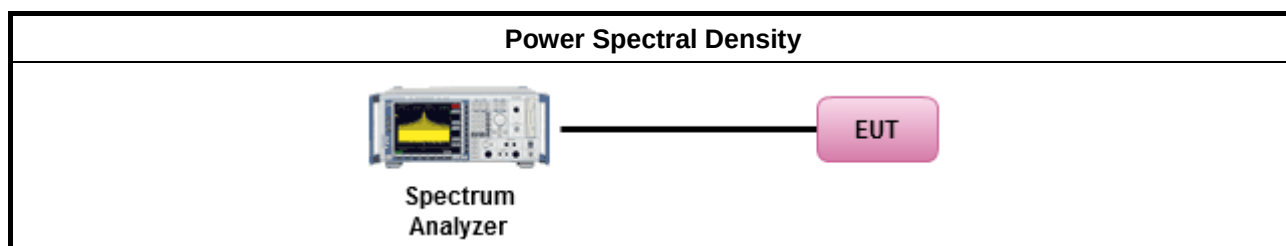
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

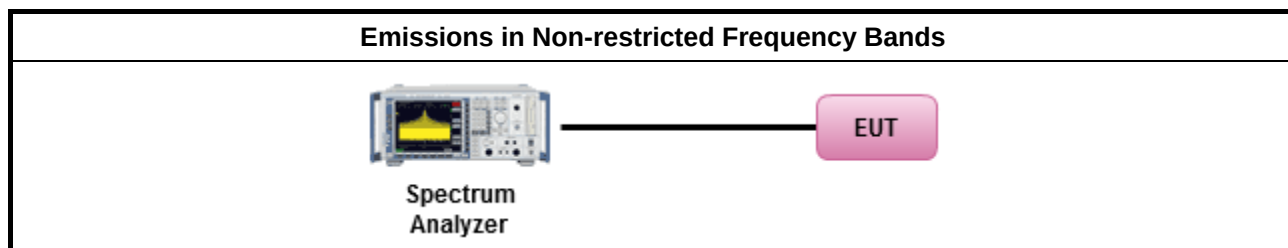
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

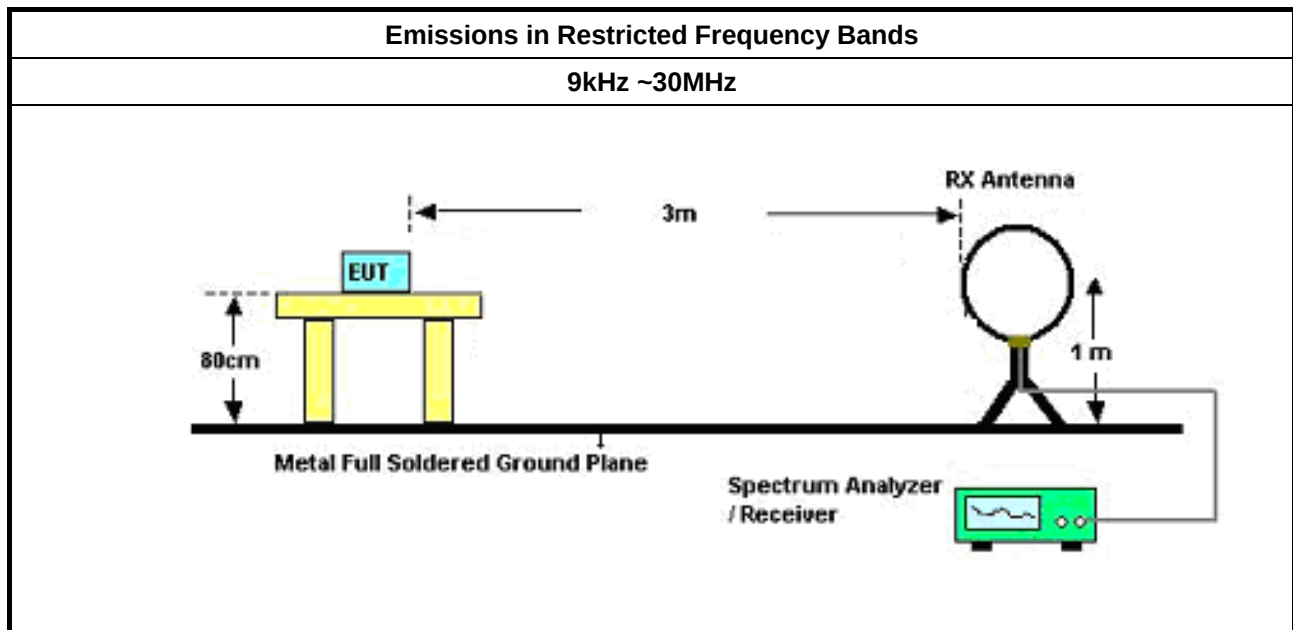
3.6.2 Measuring Instruments

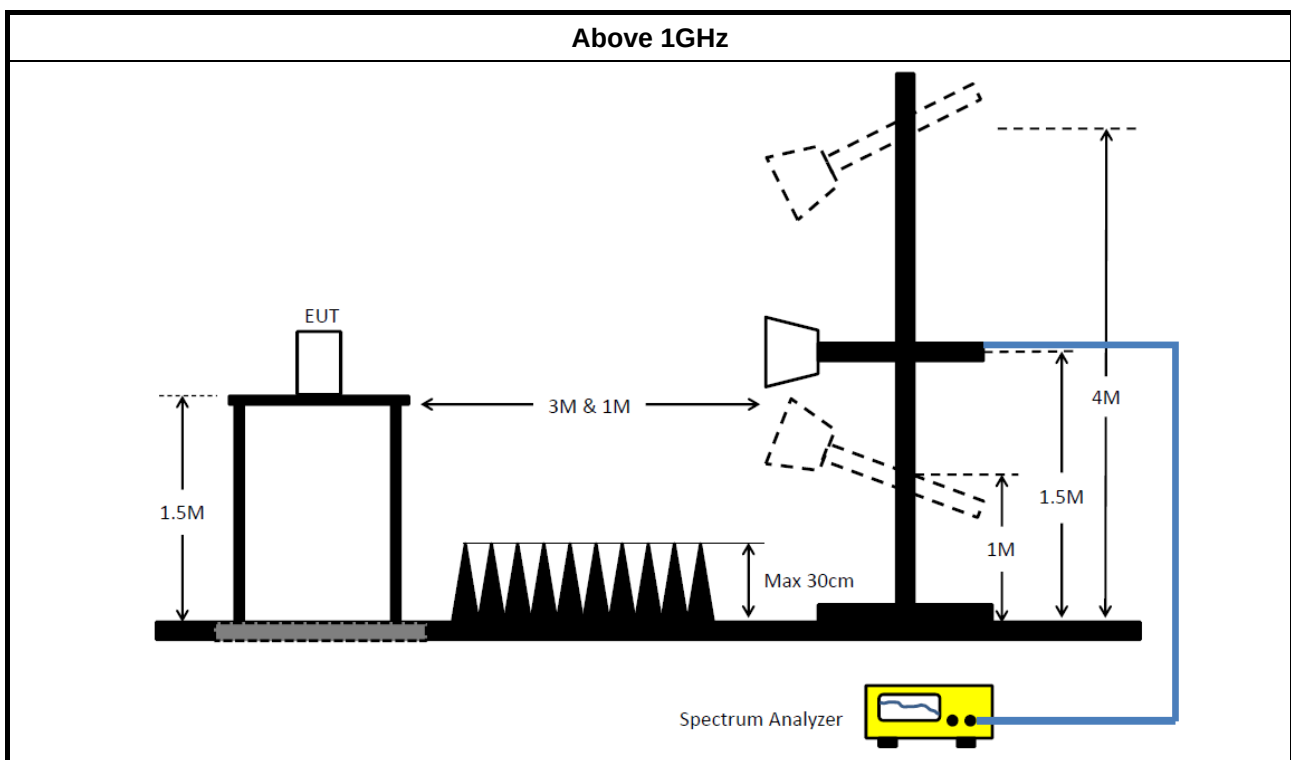
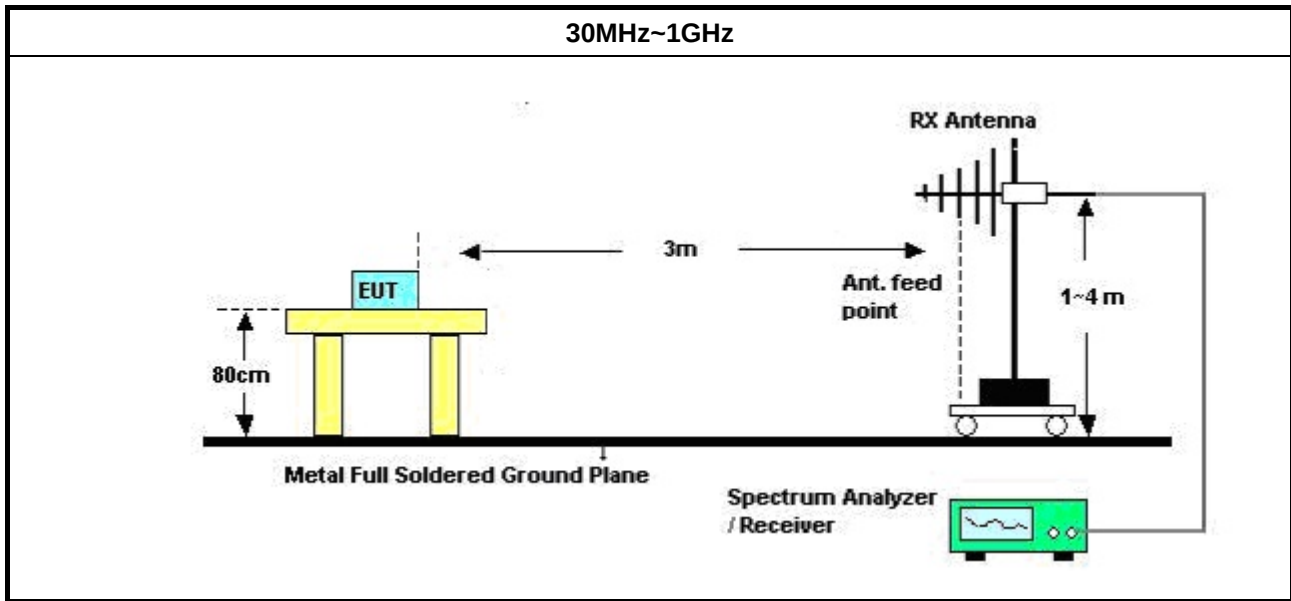
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup





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

3.7 Receiver Radiated Spurious Emissions

3.7.1 Receiver in Radiated Spurious Emissions Limit

Restricted Spurious 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.

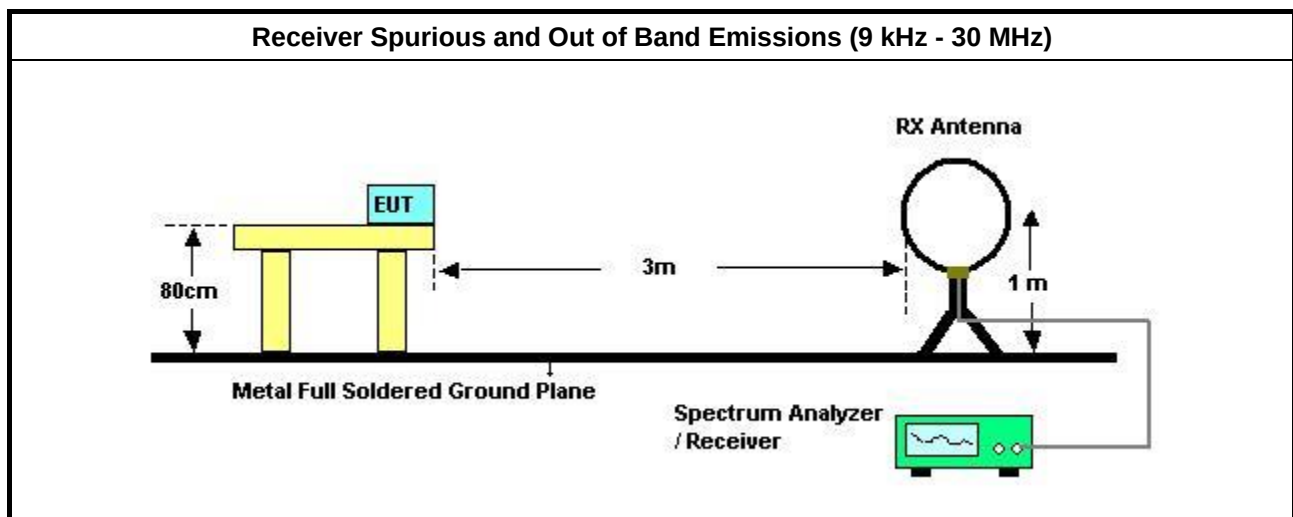
3.7.2 Measuring Instruments

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

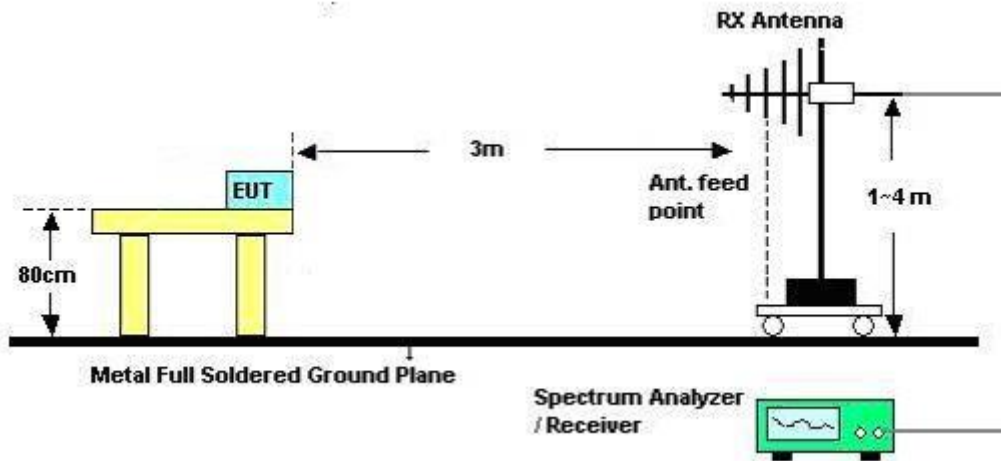
3.7.3 Test Procedures

Test Method	
☒	The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least 3 times the highest tuneable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.
☒	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).
☒	For radiated measurement, refer as ANSI C63.4, clause 8.3.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from below 30 MHz.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from 30 MHz-1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the QP-Limit so that the QP level does not need to be reported in addition.
☒	Refer as ANSI C63.4, clause 8.3.1.2 and 8.3.2.2 for radiated emissions from above 1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
☒	All amplitude of spurious emissions that are attenuated by more than 30 dB below the permissible value has no need to be reported.

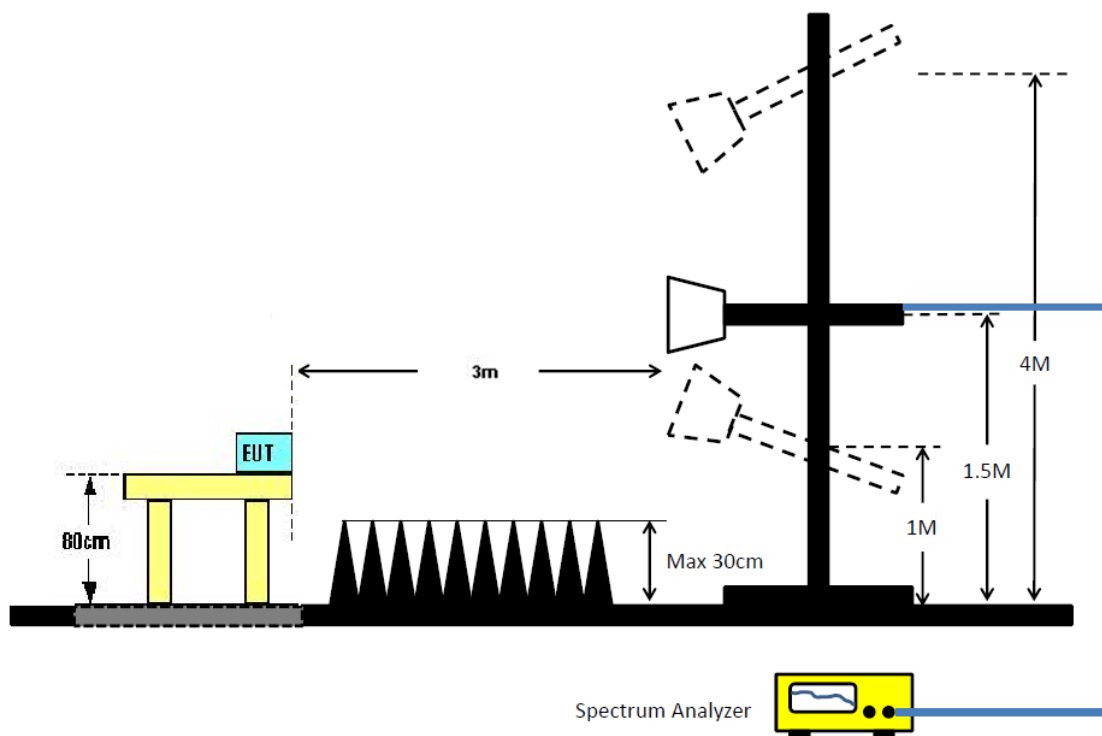
3.7.4 Test Setup



Receiver Radiated Unwanted Emissions (below 1GHz)



Receiver Radiated Unwanted Emissions (above 1GHz)



3.7.5 Receiver Radiated Unwanted Emissions (Below 30MHz)

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

3.7.6 Test Result of Receiver Radiated Unwanted Emissions

Refer as Appendix G

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

NCR : Non-Calibration Require

Instrument for Radiated Test

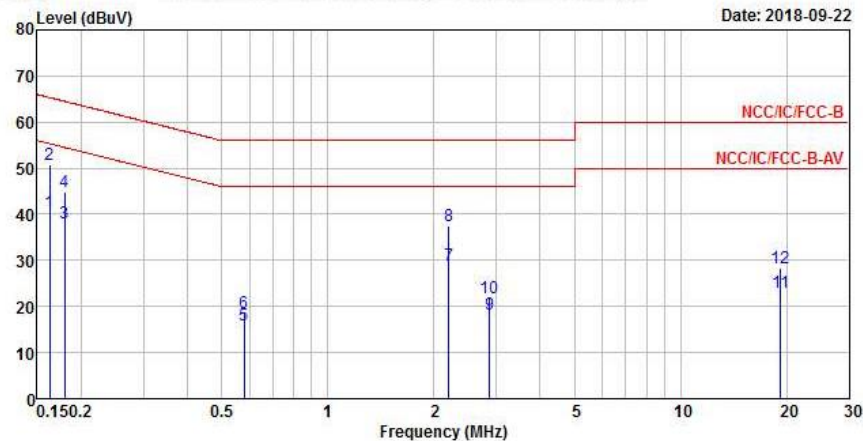
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Bilog Antenna & 6dB Attenuator	SCHAFFNER/Yi Chang	CBL6111C / MTJ61202	2724 / MTJ61202-06	30MHz~1GHz	07/Jul/2018	06/Jul/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	1/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019
EMI Test Receiver	Rohde & Schwarz	ESCS 30	100354	9kHz ~ 2.75GHz	08/Dec/2017	07/Dec/2018

**Instrument for Conducted Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	05/Feb/2018	04/Feb/2019
Signal Generator	R&S	SMB100A	175727	100kHz~40GHz	26/Oct/2017	25/Oct/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	11/Jan/2018	10/Jan/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	11/Jan/2018	10/Jan/2019
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	1G~18G	11/Jan/2018	10/Jan/2019

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Switching Power Supply ; PCB Antenna - TX		

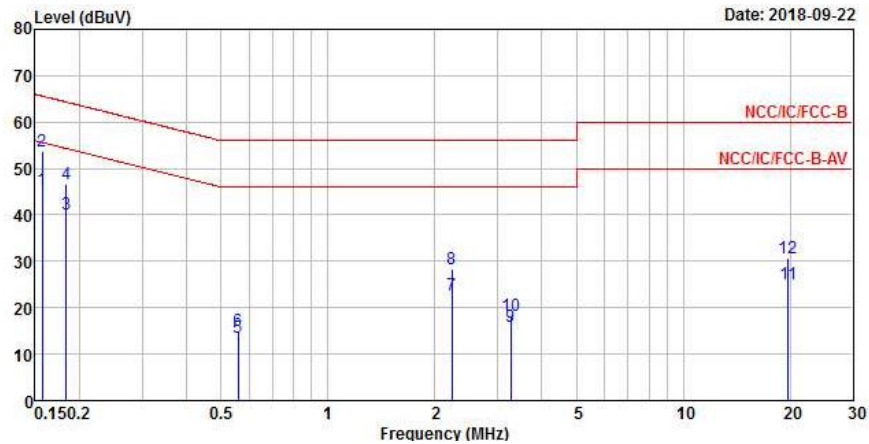


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	40.34	-15.00	55.34	30.68	9.63	0.03	Average
2 MAX	0.16	50.91	-14.43	65.34	41.25	9.63	0.03	QP
3	0.18	38.09	-16.41	54.50	28.45	9.62	0.02	Average
4	0.18	44.92	-19.58	64.50	35.28	9.62	0.02	QP
5	0.58	15.80	-30.20	46.00	6.13	9.61	0.06	Average
6	0.58	18.64	-37.36	56.00	8.97	9.61	0.06	QP
7	2.20	28.95	-17.05	46.00	19.31	9.63	0.01	Average
8	2.20	37.41	-18.59	56.00	27.77	9.63	0.01	QP
9	2.87	18.44	-27.56	46.00	8.76	9.64	0.04	Average
10	2.87	21.86	-34.14	56.00	12.18	9.64	0.04	QP
11	19.22	23.02	-26.98	50.00	13.14	9.71	0.17	Average
12	19.22	28.41	-31.59	60.00	18.53	9.71	0.17	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Switching Power Supply ; PCB Antenna - TX		

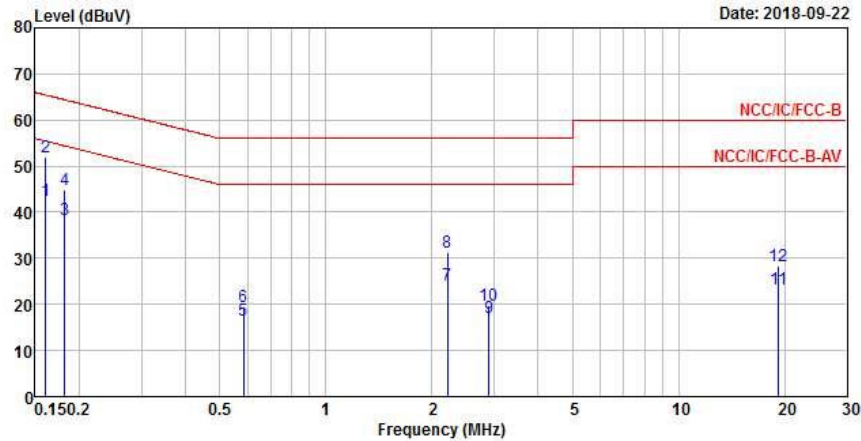


	Freq	Level	Over Limit	Limit Line	Read Level	LISM Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.16	45.51	-10.09	55.60	35.85	9.62	0.04	Average
2	0.16	53.69	-11.91	65.60	44.03	9.62	0.04	QP
3	0.18	40.13	-14.20	54.33	30.50	9.62	0.01	Average
4	0.18	46.52	-17.81	64.33	36.89	9.62	0.01	QP
5	0.56	13.47	-32.53	46.00	3.80	9.61	0.06	Average
6	0.56	15.20	-40.80	56.00	5.53	9.61	0.06	QP
7	2.24	22.73	-23.27	46.00	13.10	9.62	0.01	Average
8	2.24	28.42	-27.58	56.00	18.79	9.62	0.01	QP
9	3.28	16.03	-29.97	46.00	6.34	9.63	0.06	Average
10	3.28	18.42	-37.58	56.00	8.73	9.63	0.06	QP
11	19.74	25.10	-24.90	50.00	15.29	9.62	0.19	Average
12	19.74	30.84	-29.16	60.00	21.03	9.62	0.19	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Switching Power Supply ; PCB Antenna - RX		

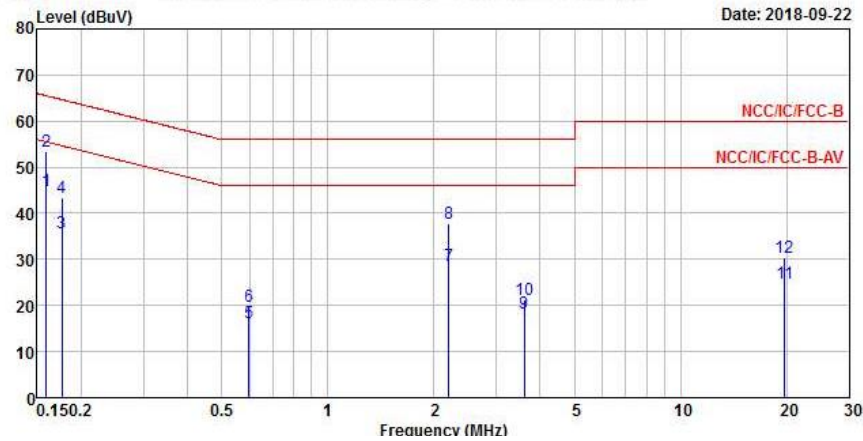


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.16	42.39	-13.04	55.43	32.73	9.63	0.03	Average
2	0.16	51.85	-13.58	65.43	42.19	9.63	0.03	QP
3	0.18	38.35	-16.07	54.42	28.72	9.62	0.01	Average
4	0.18	44.75	-19.67	64.42	35.12	9.62	0.01	QP
5	0.59	16.46	-29.54	46.00	6.79	9.61	0.06	Average
6	0.59	19.52	-36.48	56.00	9.85	9.61	0.06	QP
7	2.21	24.31	-21.69	46.00	14.67	9.63	0.01	Average
8	2.21	31.24	-24.76	56.00	21.60	9.63	0.01	QP
9	2.90	17.03	-28.97	46.00	7.34	9.64	0.05	Average
10	2.90	19.91	-36.09	56.00	10.22	9.64	0.05	QP
11	19.22	23.29	-26.71	50.00	13.41	9.71	0.17	Average
12	19.22	28.46	-31.54	60.00	18.58	9.71	0.17	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Switching Power Supply ; PCB Antenna - RX		

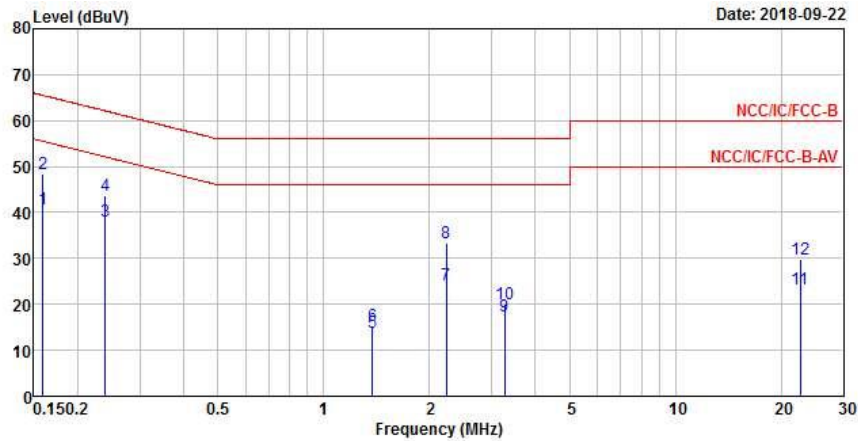


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.16	44.77	-10.75	55.52	35.12	9.62	0.03	Average
2	0.16	53.53	-11.99	65.52	43.88	9.62	0.03	QP
3	0.18	35.65	-19.03	54.68	26.01	9.62	0.02	Average
4	0.18	43.48	-21.20	64.68	33.84	9.62	0.02	QP
5	0.60	16.32	-29.68	46.00	6.65	9.61	0.06	Average
6	0.60	19.75	-36.25	56.00	10.08	9.61	0.06	QP
7	2.20	28.65	-17.35	46.00	19.02	9.62	0.01	Average
8	2.20	37.68	-18.32	56.00	28.05	9.62	0.01	QP
9	3.60	18.18	-27.82	46.00	8.48	9.63	0.07	Average
10	3.60	21.21	-34.79	56.00	11.51	9.63	0.07	QP
11	19.74	24.87	-25.13	50.00	15.06	9.62	0.19	Average
12	19.74	30.48	-29.52	60.00	20.67	9.62	0.19	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Neutral
Operating Function	Switching Power Supply ; Dipole Antenna - TX		

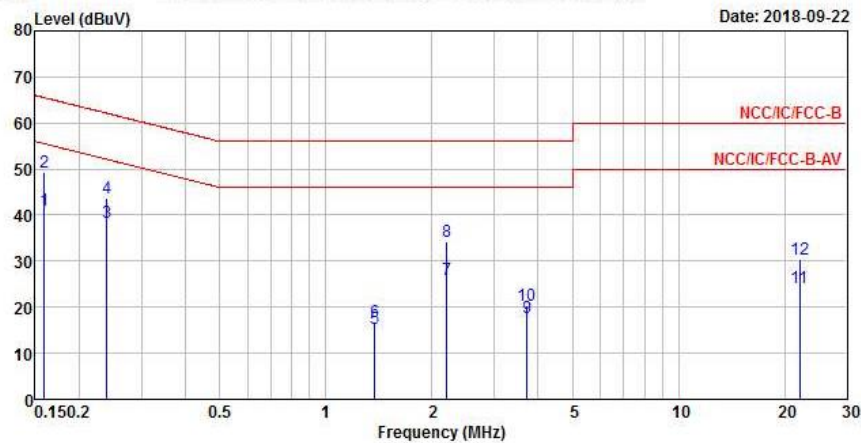


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	40.61	-14.91	55.52	30.95	9.63	0.03	Average
2	0.16	48.51	-17.01	65.52	38.85	9.63	0.03	QP
3 MAX	0.24	37.98	-14.15	52.13	28.33	9.62	0.03	Average
4	0.24	43.60	-18.53	62.13	33.95	9.62	0.03	QP
5	1.37	13.85	-32.15	46.00	4.23	9.62	0.00	Average
6	1.37	15.24	-40.76	56.00	5.62	9.62	0.00	QP
7	2.24	24.09	-21.91	46.00	14.45	9.63	0.01	Average
8	2.24	33.31	-22.69	56.00	23.67	9.63	0.01	QP
9	3.28	17.56	-28.44	46.00	7.86	9.64	0.06	Average
10	3.28	19.97	-36.03	56.00	10.27	9.64	0.06	QP
11	22.66	23.28	-26.72	50.00	13.49	9.70	0.09	Average
12	22.66	29.91	-30.09	60.00	20.12	9.70	0.09	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Line
Operating Function	Switching Power Supply ; Dipole Antenna - TX		

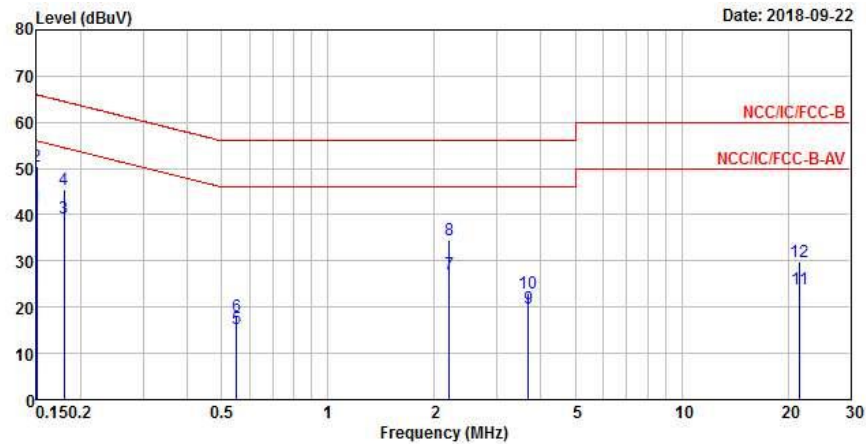


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	41.17	-14.35	55.52	31.52	9.62	0.03	Average
2	0.16	49.27	-16.25	65.52	39.62	9.62	0.03	QP
3 MAX	0.24	38.43	-13.70	52.13	28.78	9.62	0.03	Average
4	0.24	43.71	-18.42	62.13	34.06	9.62	0.03	QP
5	1.37	15.25	-30.75	46.00	5.64	9.61	0.00	Average
6	1.37	16.78	-39.22	56.00	7.17	9.61	0.00	QP
7	2.20	25.96	-20.04	46.00	16.33	9.62	0.01	Average
8	2.20	34.39	-21.61	56.00	24.76	9.62	0.01	QP
9	3.72	17.81	-28.19	46.00	8.10	9.63	0.08	Average
10	3.72	20.27	-35.73	56.00	10.56	9.63	0.08	QP
11	22.06	24.26	-25.74	50.00	14.56	9.59	0.11	Average
12	22.06	30.34	-29.66	60.00	20.64	9.59	0.11	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Neutral
Operating Function	Switching Power Supply ; Dipole Antenna - RX		

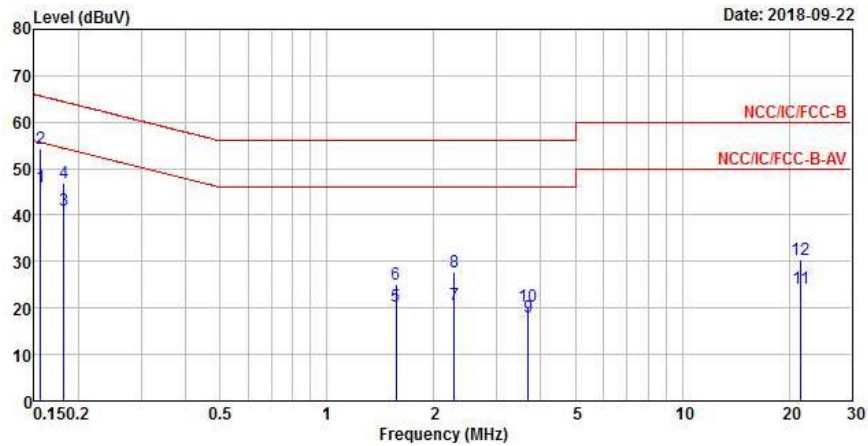


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.15	41.68	-14.32	56.00	32.01	9.63	0.04	Average
2	0.15	50.40	-15.60	66.00	40.73	9.63	0.04	QP
3	0.18	39.37	-15.13	54.50	29.73	9.62	0.02	Average
4	0.18	45.51	-18.99	64.50	35.87	9.62	0.02	QP
5	0.55	15.30	-30.70	46.00	5.63	9.61	0.06	Average
6	0.55	18.02	-37.98	56.00	8.35	9.61	0.06	QP
7	2.20	27.14	-18.86	46.00	17.50	9.63	0.01	Average
8	2.20	34.55	-21.45	56.00	24.91	9.63	0.01	QP
9	3.68	19.70	-26.30	46.00	9.98	9.64	0.08	Average
10	3.68	23.09	-32.91	56.00	13.37	9.64	0.08	QP
11	21.60	23.96	-26.04	50.00	14.12	9.71	0.13	Average
12	21.60	29.93	-30.07	60.00	20.09	9.71	0.13	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Line
Operating Function	Switching Power Supply ; Dipole Antenna - RX		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.16	46.12	-9.53	55.65	36.46	9.62	0.04	Average
2	0.16	54.40	-11.25	65.65	44.74	9.62	0.04	QP
3	0.18	40.97	-13.45	54.42	31.34	9.62	0.01	Average
4	0.18	46.90	-17.52	64.42	37.27	9.62	0.01	QP
5	1.57	20.25	-25.75	46.00	10.63	9.62	0.00	Average
6	1.57	25.24	-30.76	56.00	15.62	9.62	0.00	QP
7	2.28	20.54	-25.46	46.00	10.90	9.62	0.02	Average
8	2.28	27.79	-28.21	56.00	18.15	9.62	0.02	QP
9	3.68	18.01	-27.99	46.00	8.30	9.63	0.08	Average
10	3.68	20.47	-35.53	56.00	10.76	9.63	0.08	QP
11	21.60	24.35	-25.65	50.00	14.62	9.60	0.13	Average
12	21.60	30.43	-29.57	60.00	20.70	9.60	0.13	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	9.55M	14.493M	14M5G1D	8.525M	12.669M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.325M	28.511M	28M5D1D	15.675M	16.617M
802.11n HT20_Nss1,(MCS0)_2TX	17.6M	29.26M	29M3D1D	16.3M	17.766M
802.11n HT40_Nss1,(MCS0)_2TX	36.25M	36.382M	36M4D1D	35.3M	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;

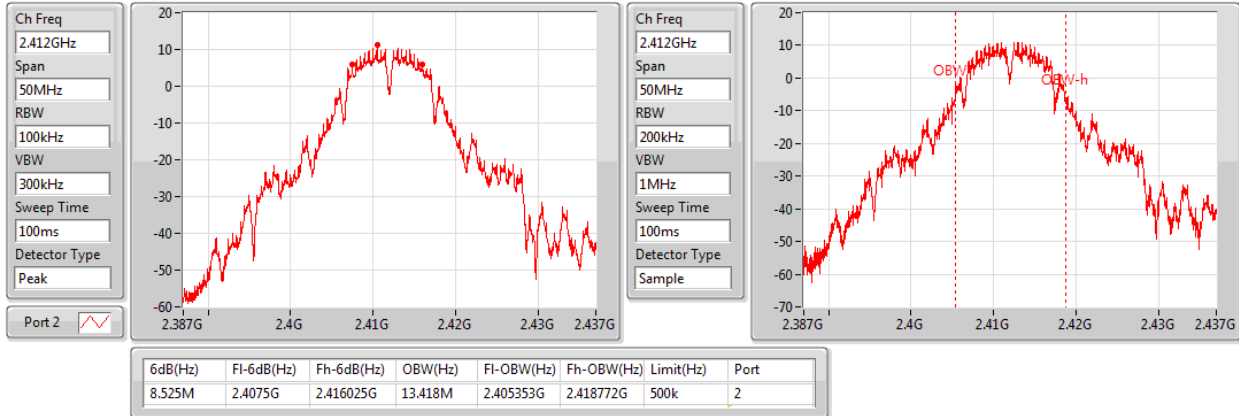
Result

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)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			8.525M	13.418M
2437MHz	Pass	500k			9.55M	14.493M
2462MHz	Pass	500k			9.05M	12.669M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			16.3M	16.617M
2437MHz	Pass	500k			16.325M	28.511M
2462MHz	Pass	500k			15.675M	17.041M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.891M	17.525M	17.766M
2437MHz	Pass	500k	17.3M	25.937M	17.55M	29.26M
2462MHz	Pass	500k	17.6M	17.891M	16.3M	17.941M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.95M	36.232M	36.25M	36.332M
2437MHz	Pass	500k	35.65M	36.082M	35.9M	36.382M
2452MHz	Pass	500k	35.7M	36.232M	35.3M	36.082M

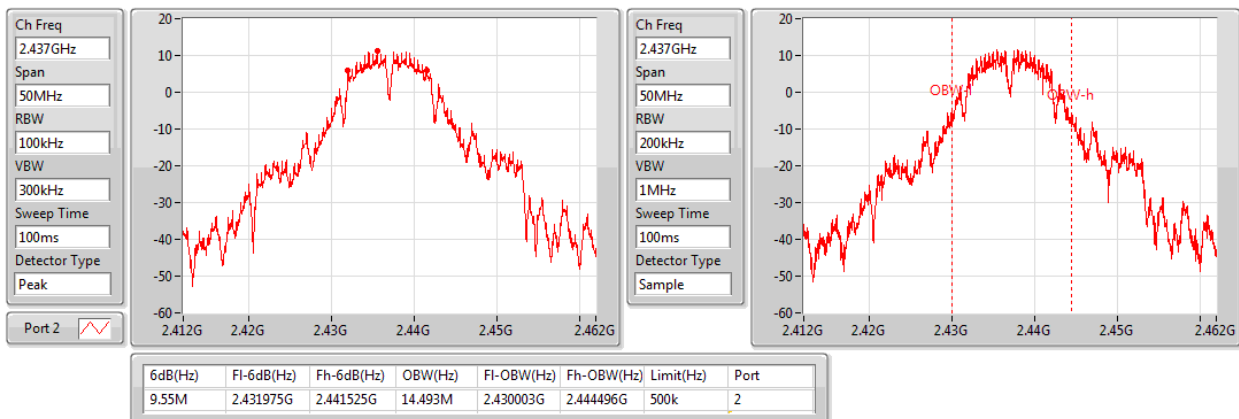
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX(Port2)
EBW
2412MHz

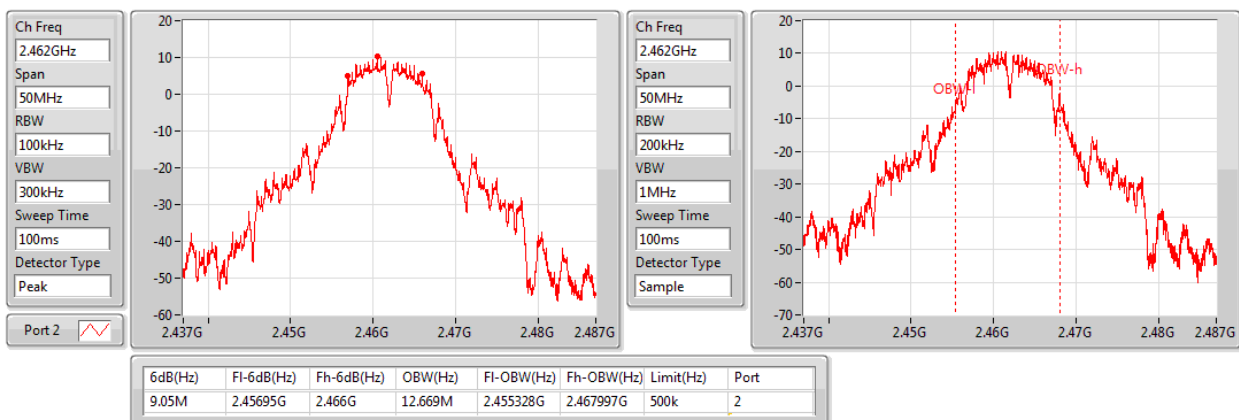
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802.11b_Nss1,(1Mbps)_1TX(Port2)
EBW
2437MHz

21/09/2018


802.11b_Nss1,(1Mbps)_1TX(Port2)
EBW
2462MHz

21/09/2018



802.11g_Nss1,(6Mbps)_1TX(Port2)
EBW
2412MHz

21/09/2018

Ch Freq
2.412GHz

Span
50MHz

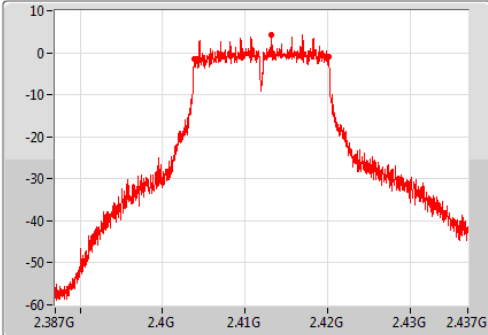
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 2 



Ch Freq
2.412GHz

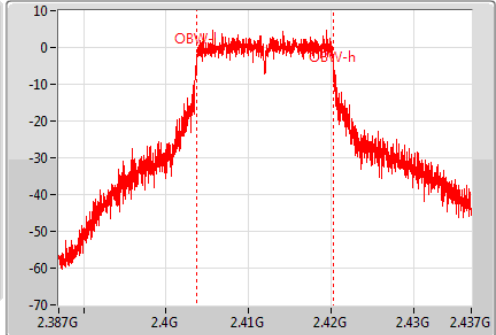
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.617M	2.403704G	2.420321G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2)
EBW
2437MHz

21/09/2018

Ch Freq
2.437GHz

Span
50MHz

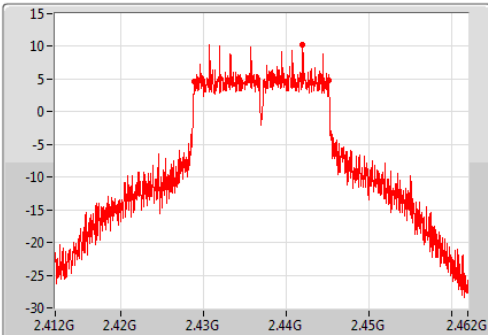
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 2 



Ch Freq
2.437GHz

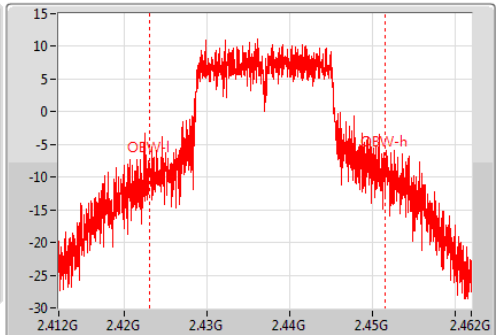
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	28.511M	2.422982G	2.451493G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2)
EBW
2462MHz

21/09/2018

Ch Freq
2.462GHz

Span
50MHz

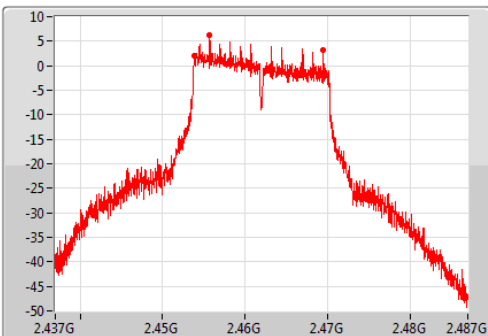
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 2 



Ch Freq
2.462GHz

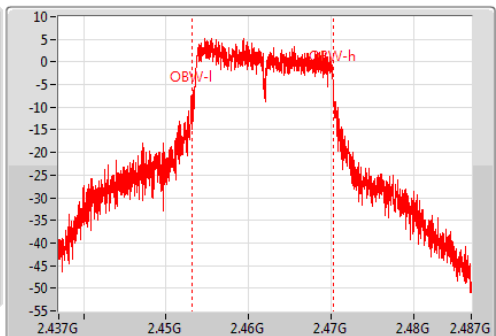
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



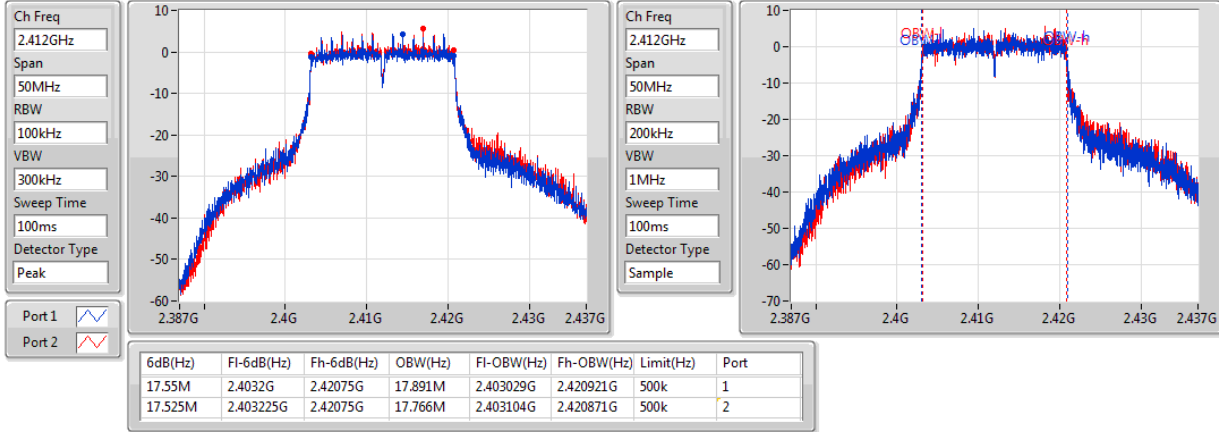
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.675M	2.453825G	2.4695G	17.041M	2.453204G	2.470246G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

21/09/2018

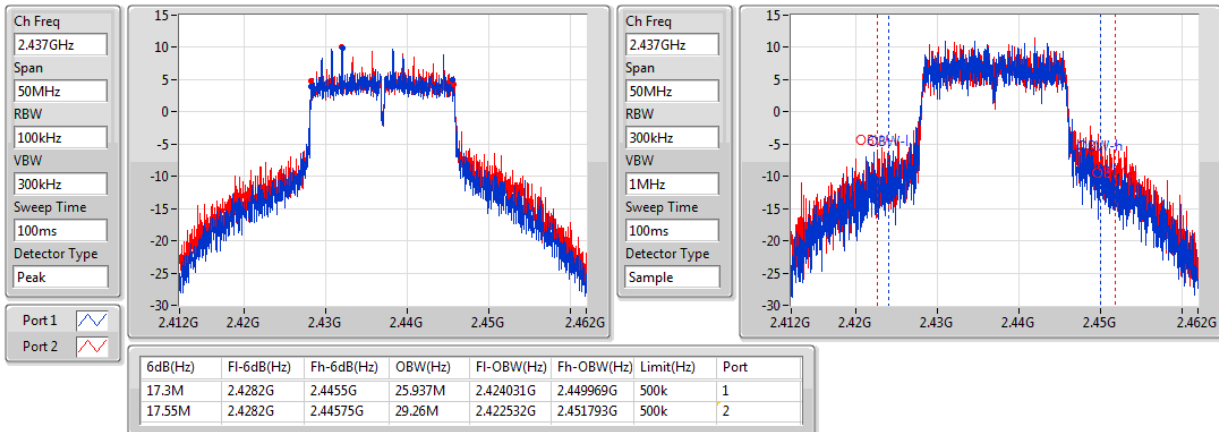


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

21/09/2018

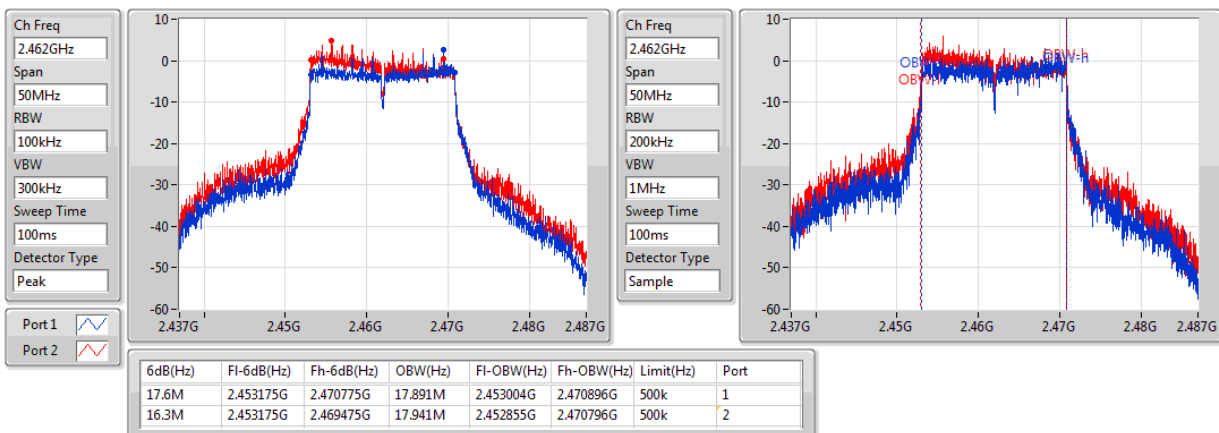


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

21/09/2018

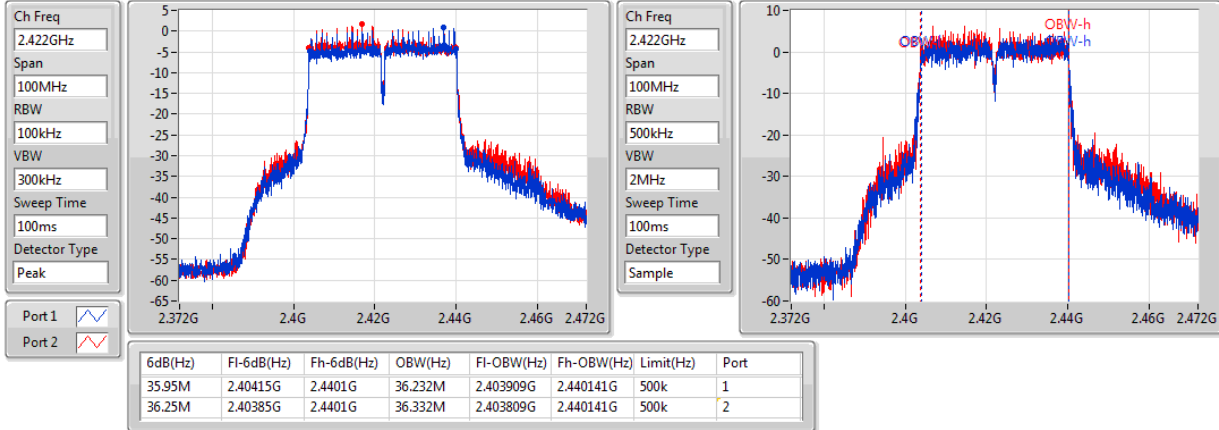


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2422MHz

21/09/2018

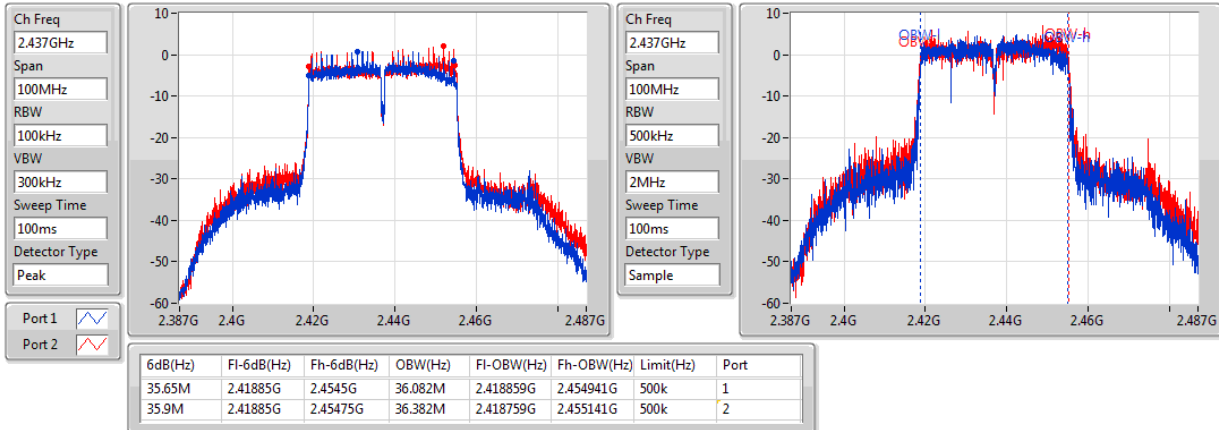


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

21/09/2018

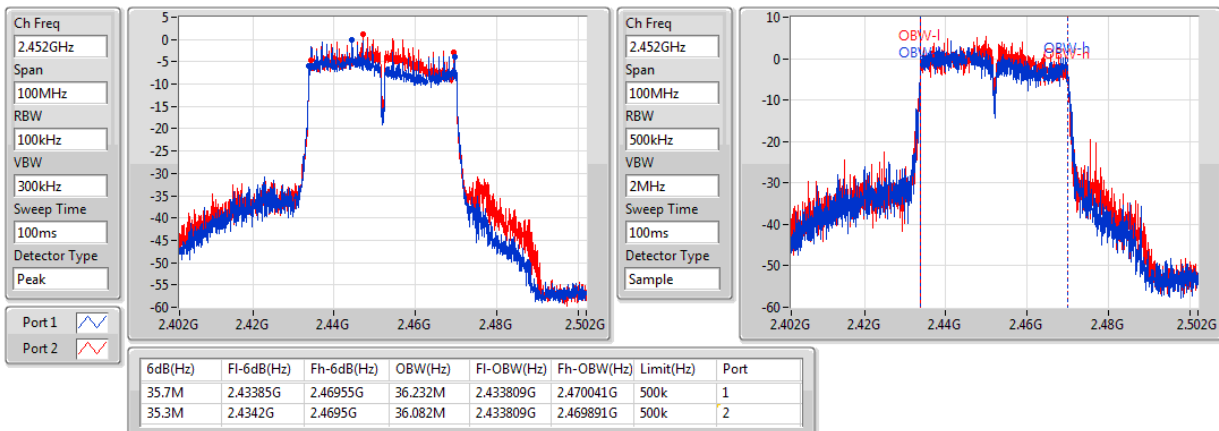


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

21/09/2018



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	9.55M	14.443M	14M4G1D	8.575M	12.219M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.325M	22.089M	22M1D1D	16.05M	16.642M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	27.811M	27M8D1D	17.325M	17.766M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.332M	36M3D1D	35.45M	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;

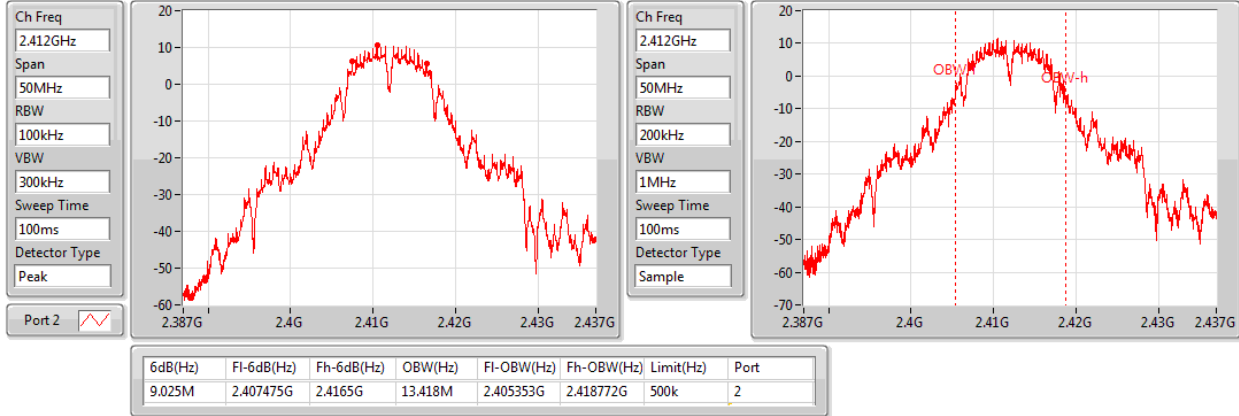
Result

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)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			9.025M	13.418M
2437MHz	Pass	500k			9.55M	14.443M
2462MHz	Pass	500k			8.575M	12.219M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			16.05M	16.642M
2437MHz	Pass	500k			16.325M	22.089M
2462MHz	Pass	500k			16.125M	16.717M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.816M	17.575M	17.766M
2437MHz	Pass	500k	17.55M	21.864M	17.525M	27.811M
2462MHz	Pass	500k	17.575M	17.941M	17.325M	17.841M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36M	36.282M	36.25M	36.182M
2437MHz	Pass	500k	35.45M	36.082M	36.3M	36.332M
2452MHz	Pass	500k	35.5M	36.282M	35.65M	36.082M

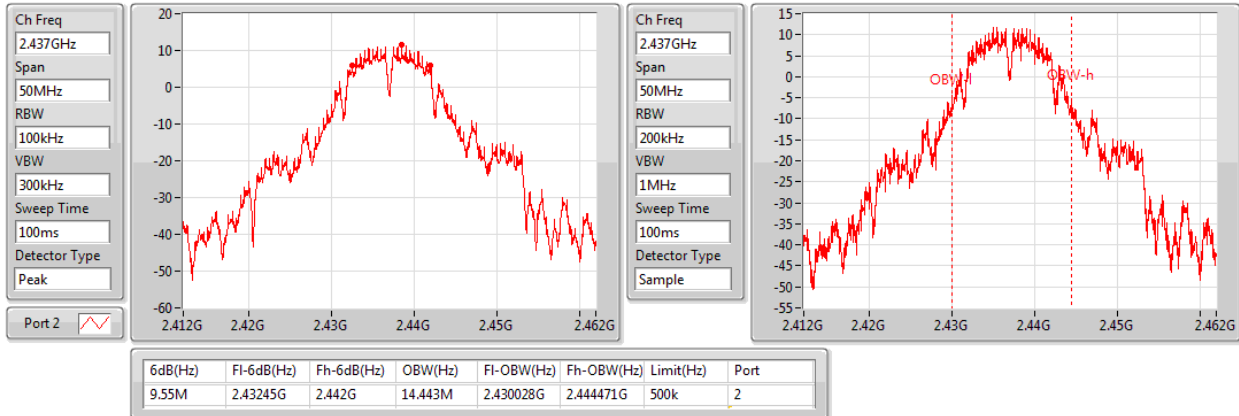
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX(Port2)
EBW
2412MHz

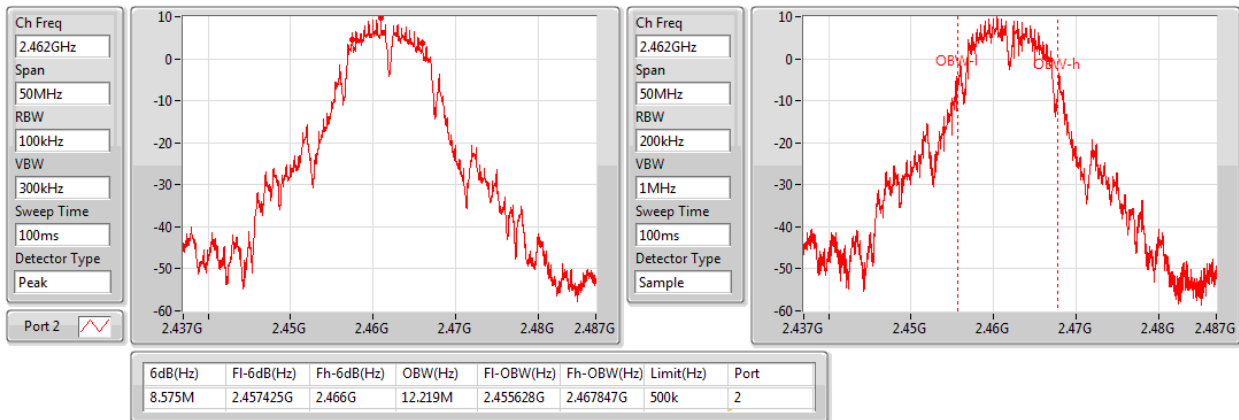
21/09/2018


802.11b_Nss1,(1Mbps)_1TX(Port2)
EBW
2437MHz

21/09/2018


802.11b_Nss1,(1Mbps)_1TX(Port2)
EBW
2462MHz

21/09/2018



802.11g_Nss1,(6Mbps)_1TX(Port2)
EBW
2412MHz

21/09/2018

Ch Freq
2.412GHz

Span
50MHz

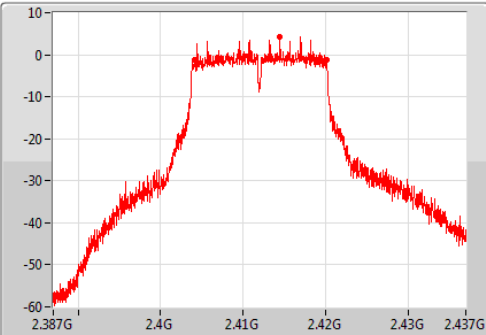
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 2 



Ch Freq
2.412GHz

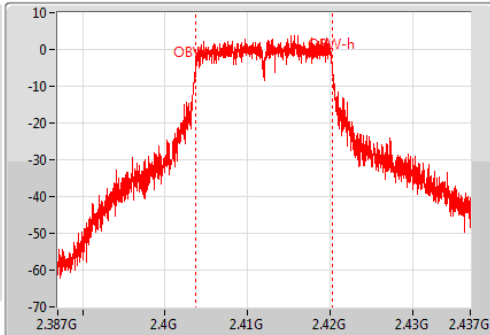
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	2.404075G	2.420125G	16.642M	2.403679G	2.420321G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2)
EBW
2437MHz

21/09/2018

Ch Freq
2.437GHz

Span
50MHz

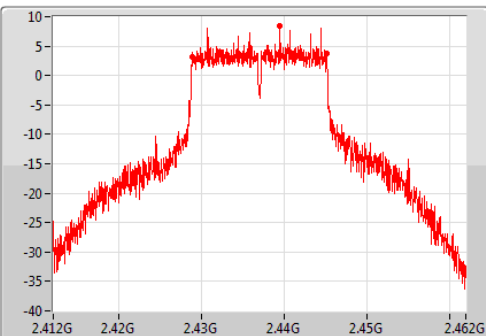
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 2 



Ch Freq
2.437GHz

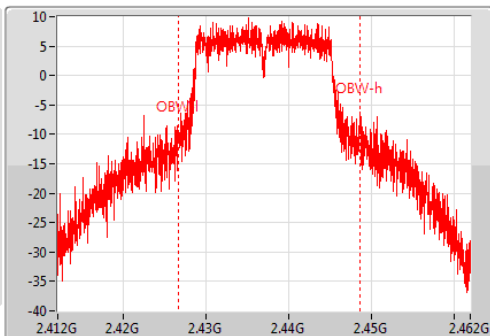
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	22.089M	2.42658G	2.448669G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2)
EBW
2462MHz

21/09/2018

Ch Freq
2.462GHz

Span
50MHz

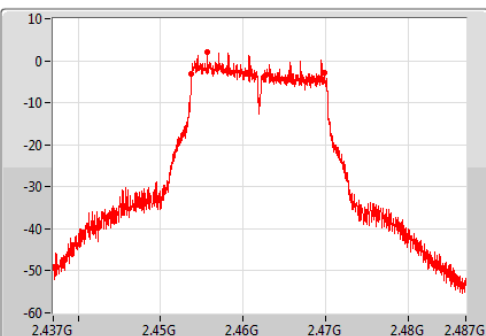
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 2 



Ch Freq
2.462GHz

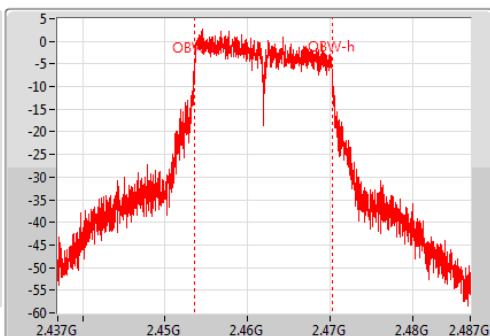
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.125M	2.45375G	2.469875G	16.717M	2.453504G	2.470221G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

21/09/2018

Ch Freq
2.412GHz

Span
50MHz

RBW
100kHz

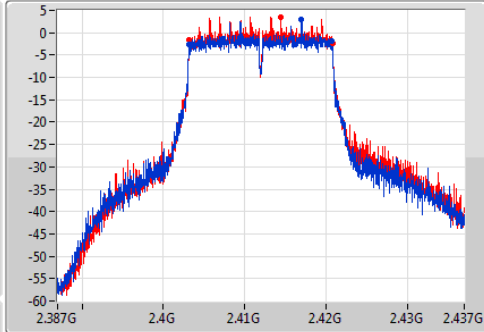
VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 1 

Port 2 



Ch Freq
2.412GHz

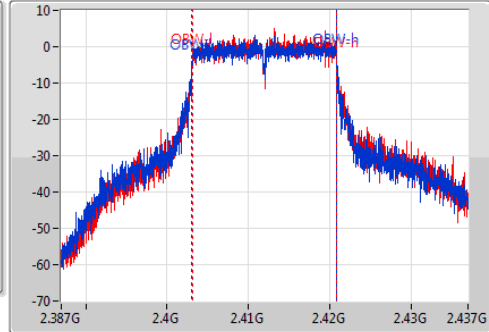
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4032G	2.42075G	17.816M	2.403079G	2.420896G	500k	1
17.575M	2.4032G	2.420775G	17.766M	2.403129G	2.420896G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

21/09/2018

Ch Freq
2.437GHz

Span
50MHz

RBW
100kHz

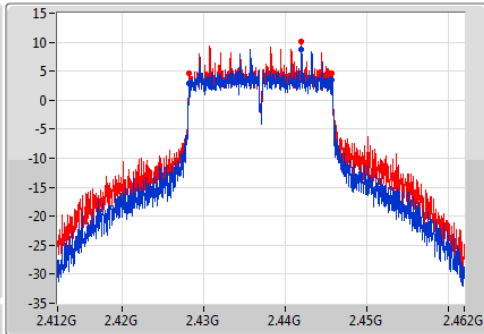
VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 1 

Port 2 



Ch Freq
2.437GHz

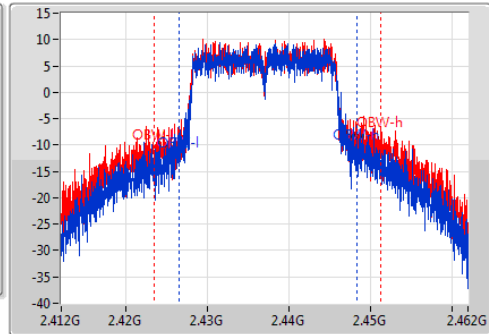
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4282G	2.44575G	21.864M	2.42643G	2.448294G	500k	1
17.525M	2.428225G	2.44575G	27.811M	2.423457G	2.451268G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

21/09/2018

Ch Freq
2.462GHz

Span
50MHz

RBW
100kHz

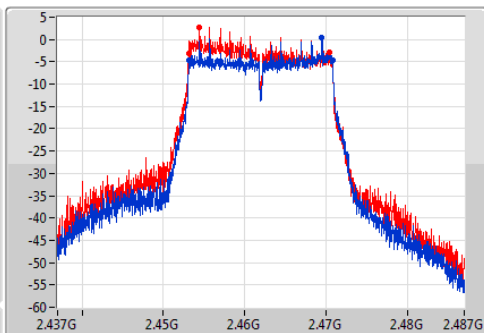
VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 1 

Port 2 



Ch Freq
2.462GHz

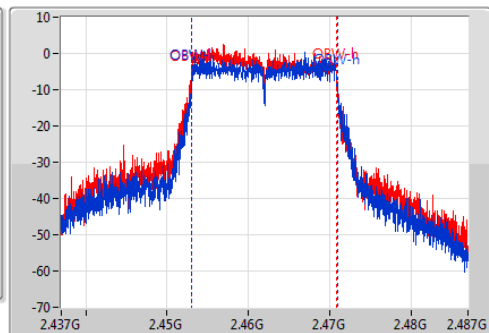
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



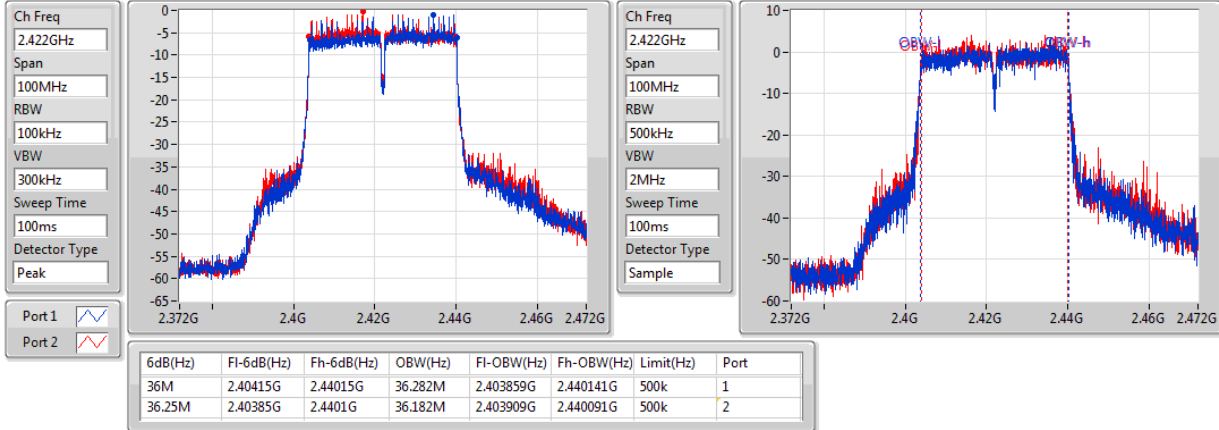
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.941M	2.453004G	2.470946G	500k	1
17.325M	2.45315G	2.470475G	17.841M	2.452955G	2.470796G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2422MHz

21/09/2018

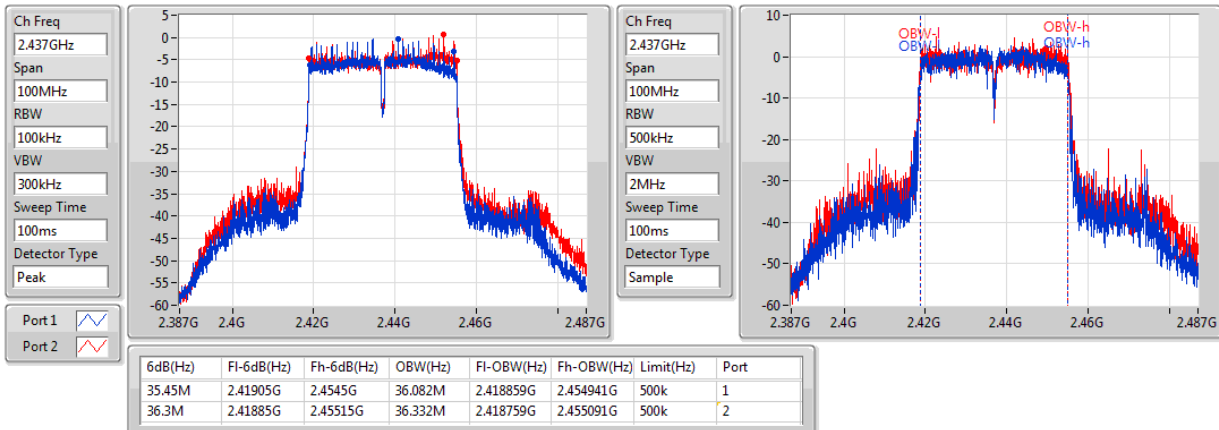


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

21/09/2018

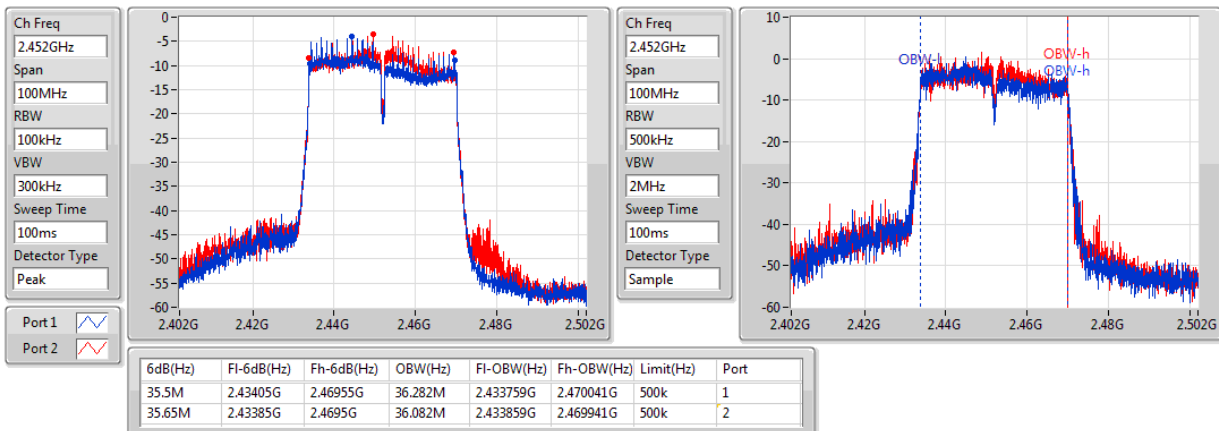


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

21/09/2018



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	21.69	0.14757
802.11g_Nss1,(6Mbps)_1TX(Port2)	21.80	0.15136
802.11n HT20_Nss1,(MCS0)_2TX	24.16	0.26062
802.11n HT40_Nss1,(MCS0)_2TX	18.93	0.07816

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	6.02		20.81	20.81	29.98
2437MHz	Pass	6.02		21.56	21.56	29.98
2457MHz	Pass	6.02		21.69	21.69	29.98
2462MHz	Pass	6.02		19.97	19.97	29.98
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	6.02		16.15	16.15	29.98
2417MHz	Pass	6.02		21.52	21.52	29.98
2437MHz	Pass	6.02		21.45	21.45	29.98
2447MHz	Pass	6.02		21.80	21.80	29.98
2452MHz	Pass	6.02		20.72	20.72	29.98
2457MHz	Pass	6.02		20.05	20.05	29.98
2462MHz	Pass	6.02		16.86	16.86	29.98
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.02	16.43	16.89	19.68	29.98
2417MHz	Pass	6.02	18.68	19.34	22.03	29.98
2422MHz	Pass	6.02	19.36	20.43	22.94	29.98
2427MHz	Pass	6.02	20.68	21.26	23.99	29.98
2437MHz	Pass	6.02	21.10	21.20	24.16	29.98
2442MHz	Pass	6.02	20.85	21.27	24.08	29.98
2447MHz	Pass	6.02	19.98	20.32	23.16	29.98
2452MHz	Pass	6.02	18.79	19.84	22.36	29.98
2457MHz	Pass	6.02	17.04	19.27	21.31	29.98
2462MHz	Pass	6.02	13.93	15.76	17.95	29.98
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.02	15.29	15.87	18.60	29.98
2437MHz	Pass	6.02	15.77	16.07	18.93	29.98
2442MHz	Pass	6.02	14.96	15.69	18.35	29.98
2447MHz	Pass	6.02	13.75	14.65	17.23	29.98
2452MHz	Pass	6.02	13.65	14.56	17.14	29.98

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	22.15	0.16406
802.11g_Nss1,(6Mbps)_1TX(Port2)	20.45	0.11092
802.11n HT20_Nss1,(MCS0)_2TX	23.66	0.23227
802.11n HT40_Nss1,(MCS0)_2TX	17.34	0.05420

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	4.58		20.80	20.80	30.00
2417MHz	Pass	4.58		21.82	21.82	30.00
2422MHz	Pass	4.58		21.62	21.62	30.00
2437MHz	Pass	4.58		21.59	21.59	30.00
2452MHz	Pass	4.58		22.15	22.15	30.00
2457MHz	Pass	4.58		21.22	21.22	30.00
2462MHz	Pass	4.58		19.06	19.06	30.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	4.58		15.99	15.99	30.00
2417MHz	Pass	4.58		18.19	18.19	30.00
2422MHz	Pass	4.58		20.45	20.45	30.00
2437MHz	Pass	4.58		20.20	20.20	30.00
2442MHz	Pass	4.58		19.53	19.53	30.00
2447MHz	Pass	4.58		18.21	18.21	30.00
2452MHz	Pass	4.58		17.25	17.25	30.00
2457MHz	Pass	4.58		16.69	16.69	30.00
2462MHz	Pass	4.58		13.92	13.92	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.58	15.26	15.78	18.54	30.00
2417MHz	Pass	4.58	17.74	18.66	21.23	30.00
2422MHz	Pass	4.58	18.68	19.75	22.26	30.00
2427MHz	Pass	4.58	19.42	20.44	22.97	30.00
2432MHz	Pass	4.58	20.21	21.01	23.64	30.00
2437MHz	Pass	4.58	20.39	20.89	23.66	30.00
2442MHz	Pass	4.58	20.02	20.09	23.07	30.00
2447MHz	Pass	4.58	18.14	18.97	21.59	30.00
2452MHz	Pass	4.58	17.41	18.58	21.04	30.00
2457MHz	Pass	4.58	15.80	17.90	19.99	30.00
2462MHz	Pass	4.58	11.98	13.94	16.08	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.58	13.74	14.17	16.97	30.00
2437MHz	Pass	4.58	14.05	14.59	17.34	30.00
2442MHz	Pass	4.58	14.07	14.58	17.34	30.00
2447MHz	Pass	4.58	13.04	13.56	16.32	30.00
2452MHz	Pass	4.58	9.63	10.96	13.36	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	-2.99
802.11g_Nss1,(6Mbps)_1TX(Port2)	-5.67
802.11n HT20_Nss1,(MCS0)_2TX	-3.43
802.11n HT40_Nss1,(MCS0)_2TX	-12.13

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	6.02	-	-4.63	-4.63	7.98
2437MHz	Pass	6.02	-	-2.99	-2.99	7.98
2462MHz	Pass	6.02	-	-4.49	-4.49	7.98
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	6.02	-	-9.63	-9.63	7.98
2437MHz	Pass	6.02	-	-5.67	-5.67	7.98
2462MHz	Pass	6.02	-	-9.79	-9.79	7.98
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.03	-8.82	-9.79	-8.45	4.97
2437MHz	Pass	9.03	-5.40	-5.58	-3.43	4.97
2462MHz	Pass	9.03	-12.70	-10.10	-9.36	4.97
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.03	-14.27	-13.40	-12.13	4.97
2437MHz	Pass	9.03	-14.23	-12.97	-12.47	4.97
2452MHz	Pass	9.03	-15.11	-14.05	-13.45	4.97

DG = Directional Gain; RBW=3kHz;

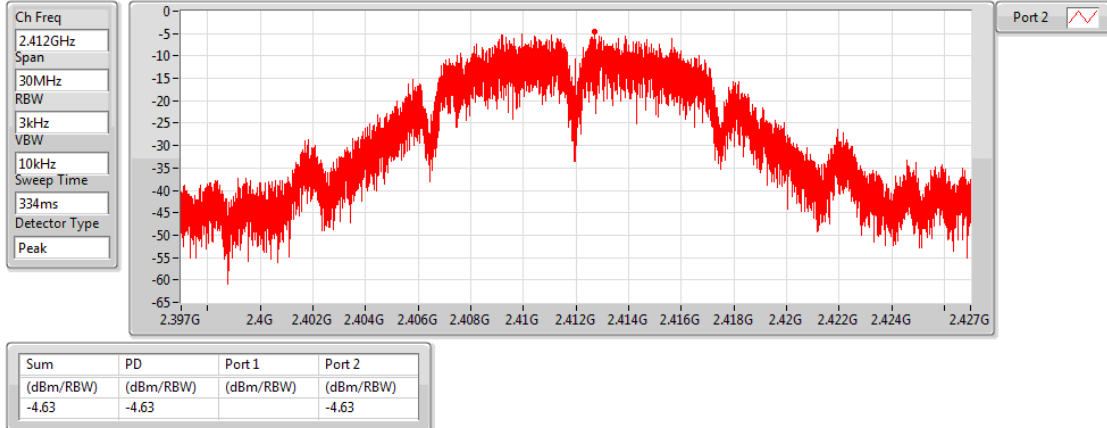
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2412MHz

21/09/2018

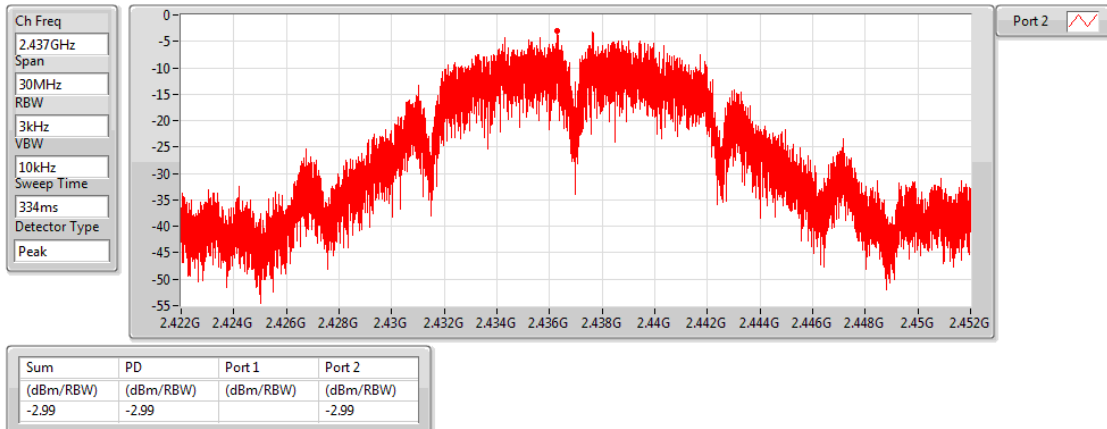


802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2437MHz

21/09/2018

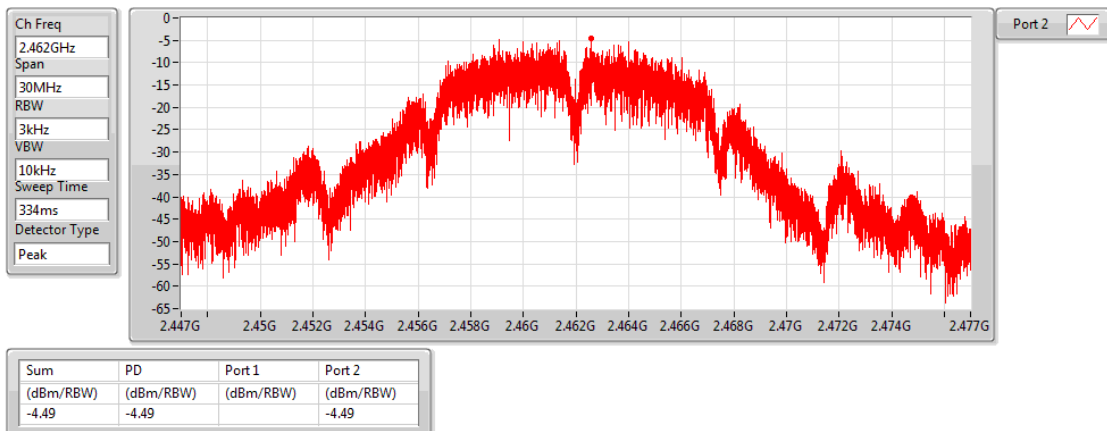


802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2462MHz

21/09/2018

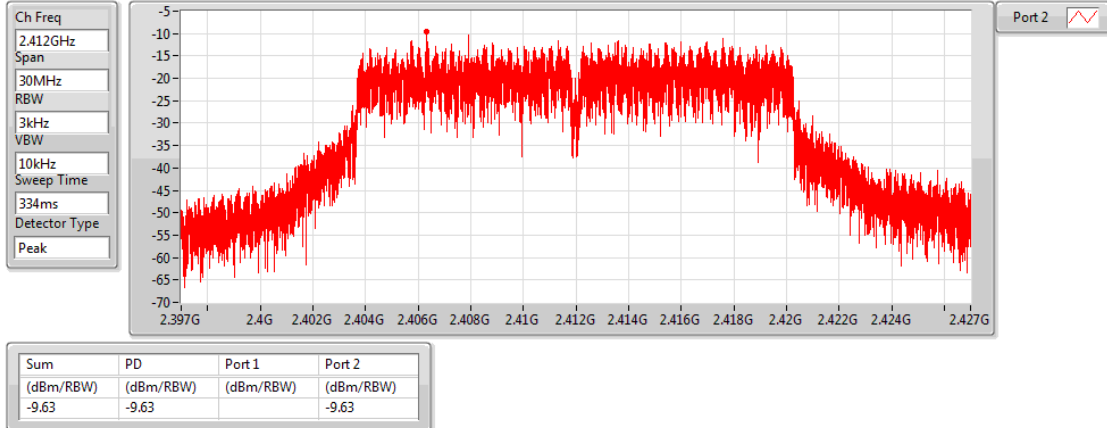


802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2412MHz

21/09/2018

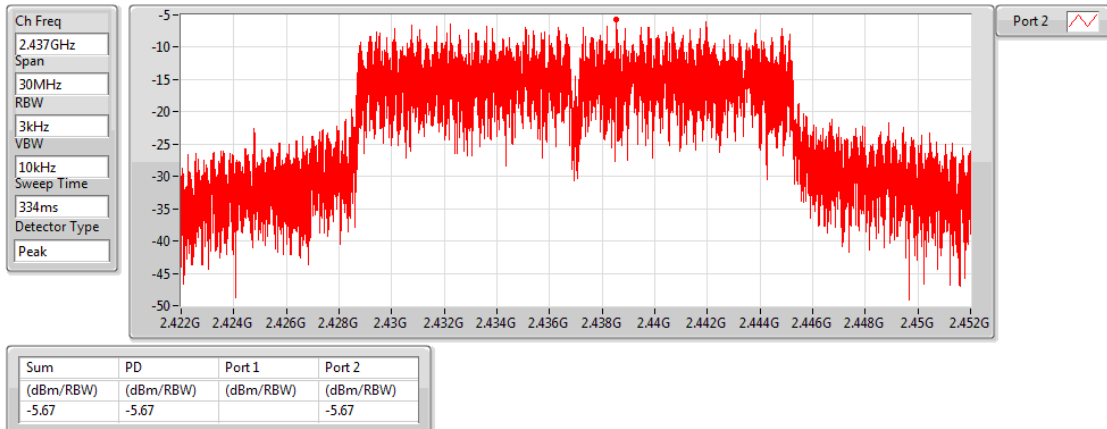


802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2437MHz

21/09/2018

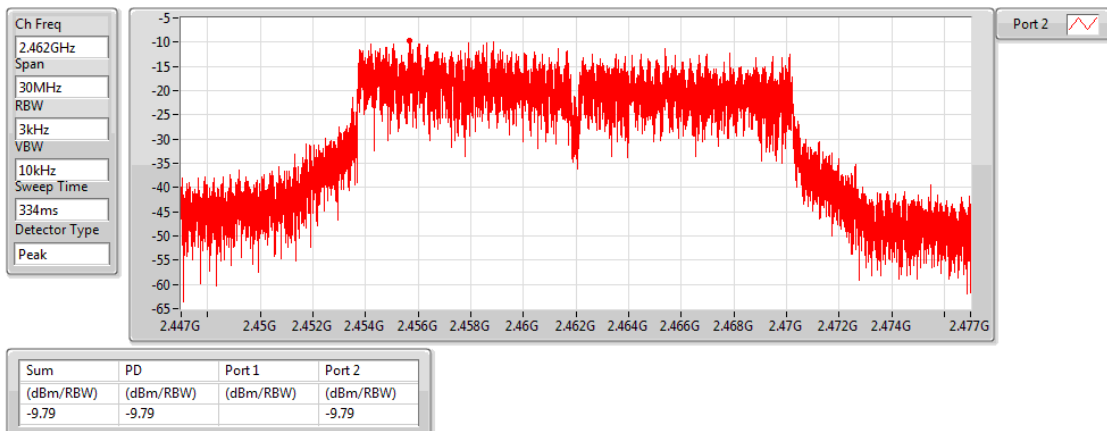


802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2462MHz

21/09/2018

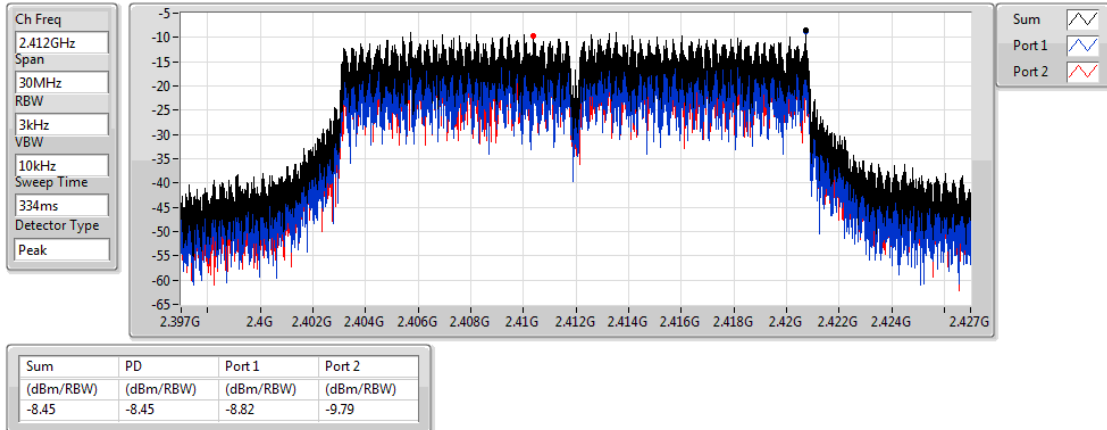


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

21/09/2018

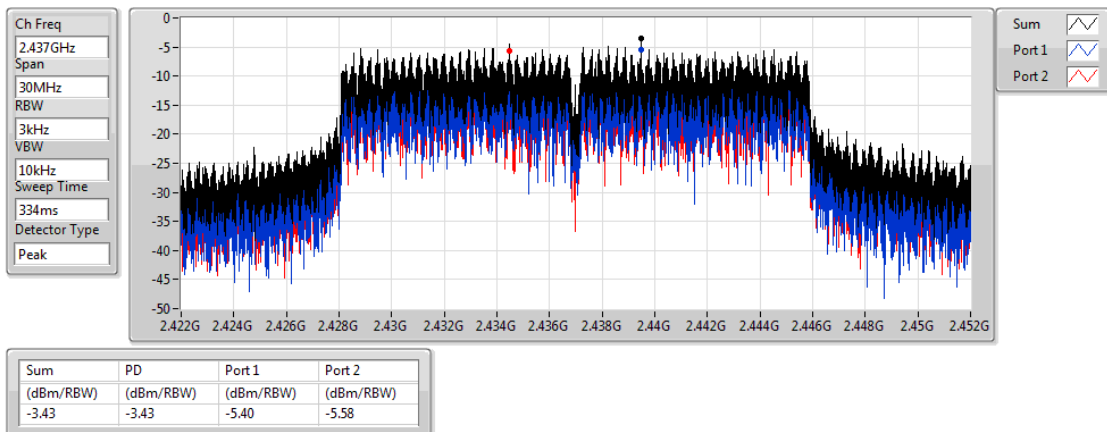


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

21/09/2018

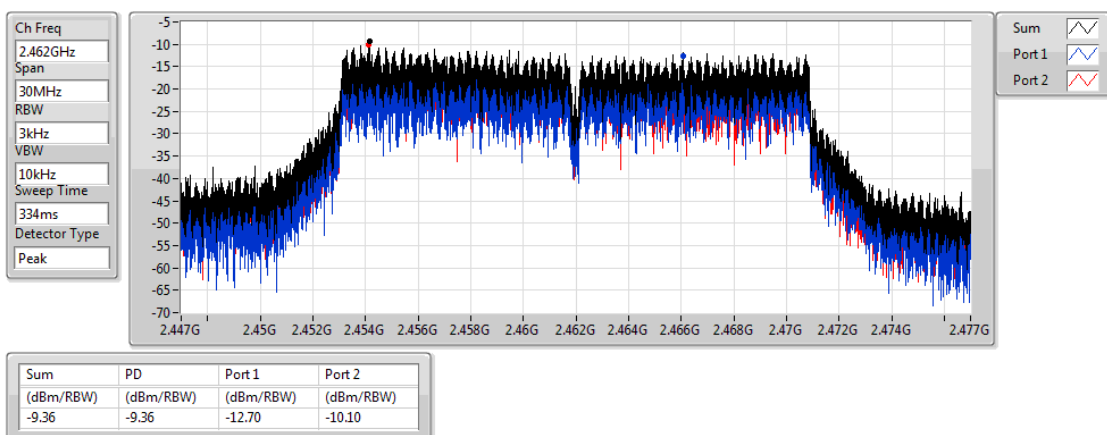


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

21/09/2018

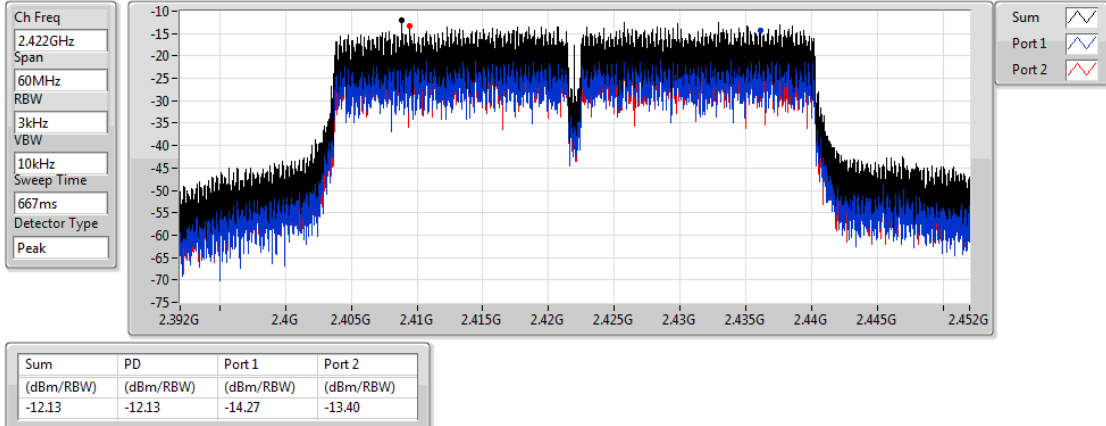


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

21/09/2018

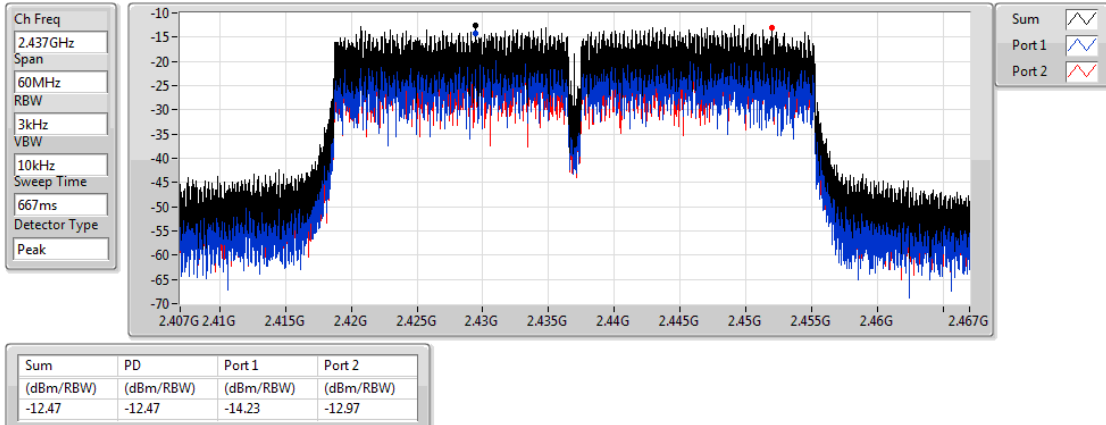


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

21/09/2018

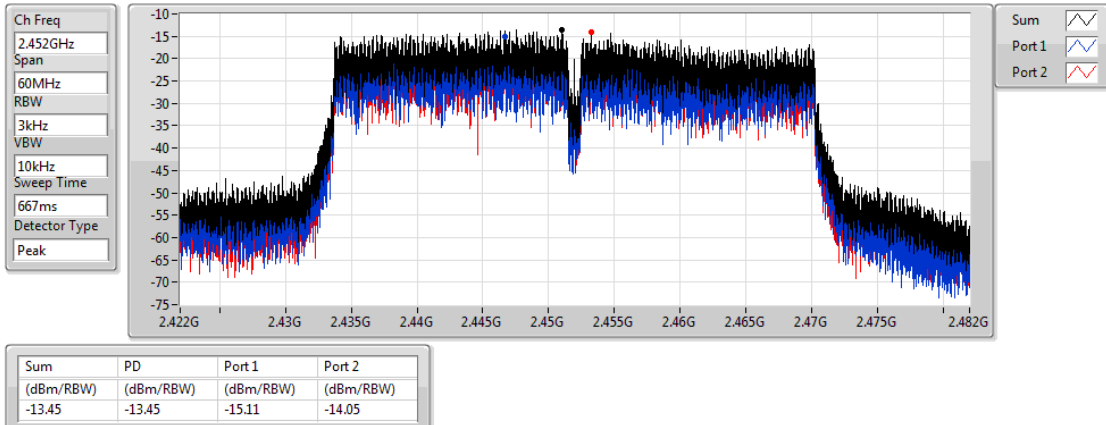


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

21/09/2018



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	-3.16
802.11g_Nss1,(6Mbps)_1TX(Port2)	-6.72
802.11n HT20_Nss1,(MCS0)_2TX	-5.56
802.11n HT40_Nss1,(MCS0)_2TX	-12.95

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	4.58	-	-4.16	-4.16	8.00
2437MHz	Pass	4.58	-	-3.16	-3.16	8.00
2462MHz	Pass	4.58	-	-4.53	-4.53	8.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	4.58	-	-11.09	-11.09	8.00
2437MHz	Pass	4.58	-	-6.72	-6.72	8.00
2462MHz	Pass	4.58	-	-10.32	-10.32	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.59	-11.33	-12.19	-10.18	6.41
2437MHz	Pass	7.59	-7.05	-6.69	-5.56	6.41
2462MHz	Pass	7.59	-14.63	-12.23	-11.70	6.41
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.59	-16.66	-15.71	-14.73	6.41
2437MHz	Pass	7.59	-13.42	-15.90	-12.95	6.41
2452MHz	Pass	7.59	-18.23	-17.92	-16.72	6.41

DG = Directional Gain; RBW=3kHz;

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

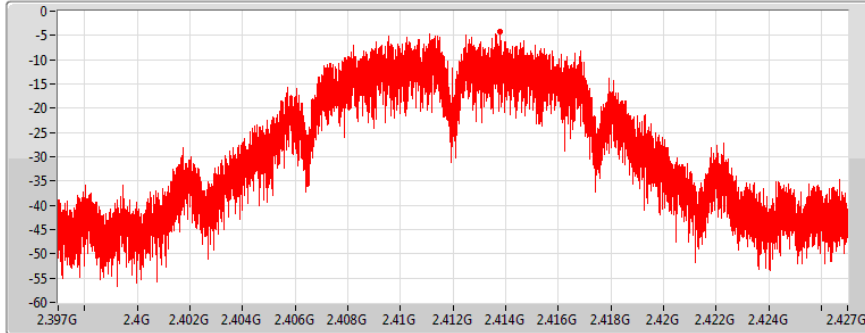
802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2412MHz

21/09/2018

Ch Freq
2.412GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
334ms
Detector Type
Peak



Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.16	-4.16		-4.16

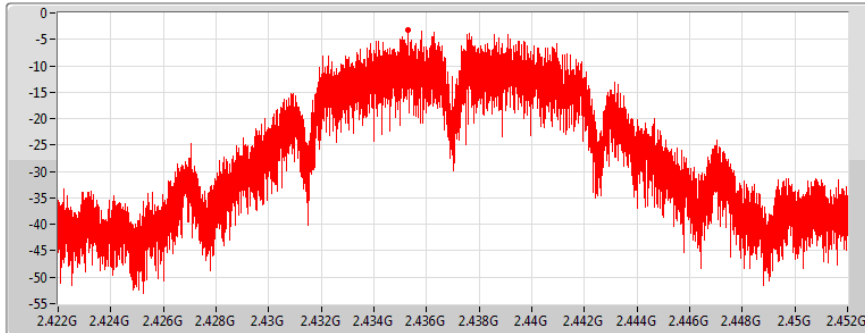
802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2437MHz

21/09/2018

Ch Freq
2.437GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
334ms
Detector Type
Peak



Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.16	-3.16		-3.16

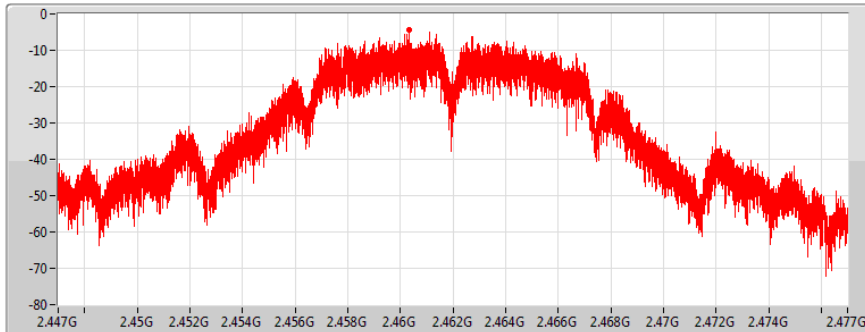
802.11b_Nss1,(1Mbps)_1TX(Port2)

PSD

2462MHz

21/09/2018

Ch Freq
2.462GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
334ms
Detector Type
Peak



Port 2 

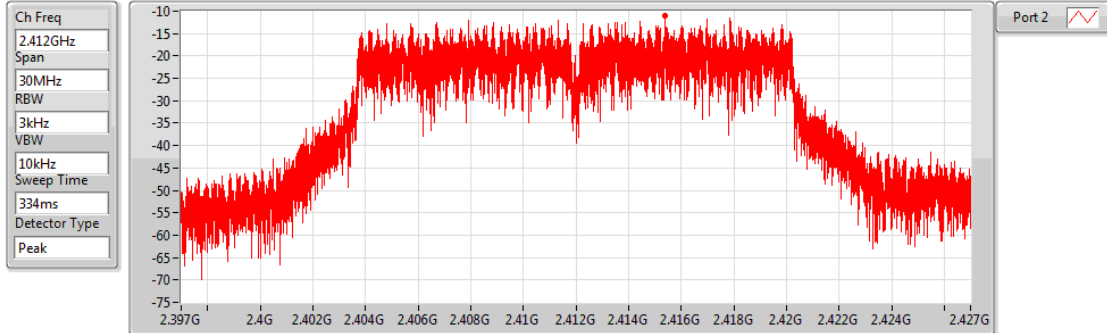
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.53	-4.53		-4.53

802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2412MHz

21/09/2018



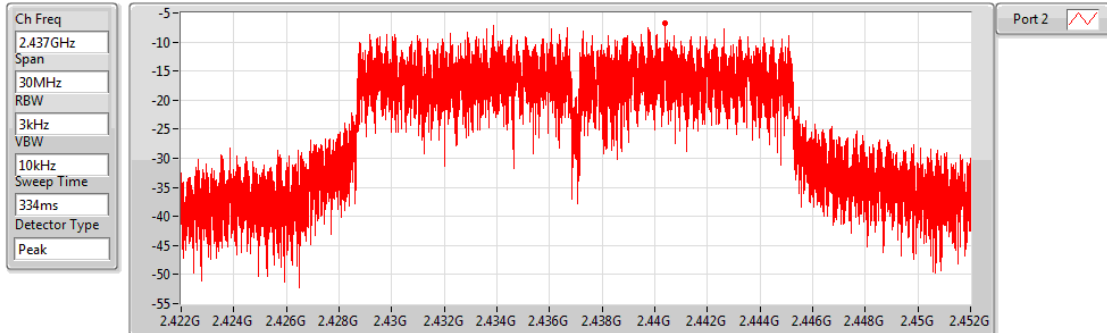
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.09	-11.09		-11.09

802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2437MHz

21/09/2018



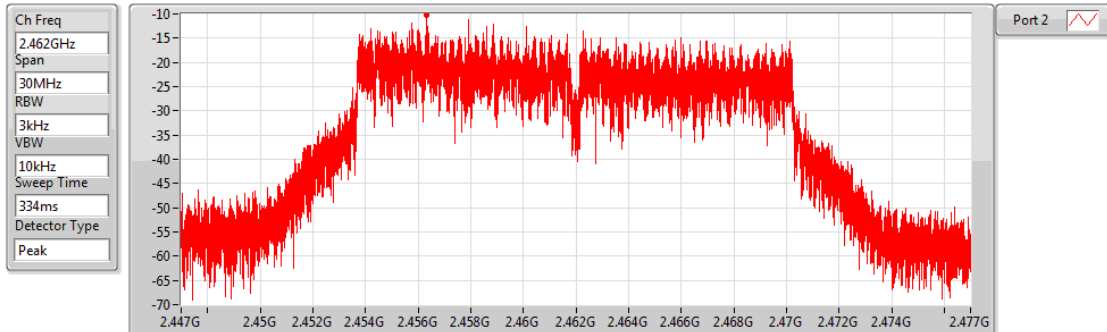
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.72	-6.72		-6.72

802.11g_Nss1,(6Mbps)_1TX(Port2)

PSD

2462MHz

21/09/2018



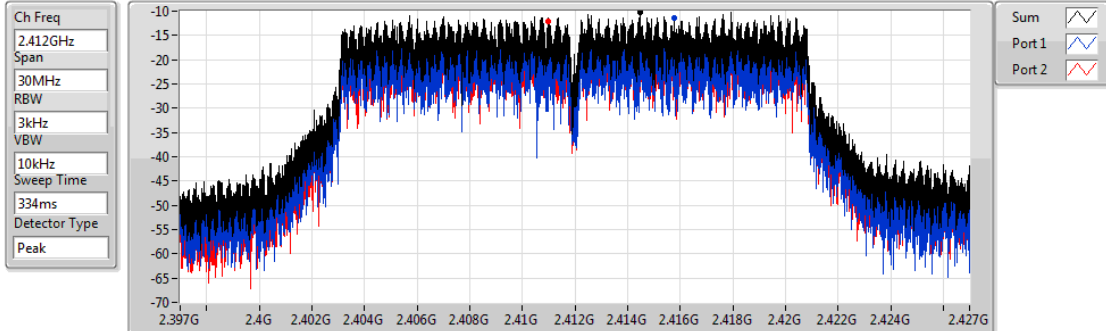
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.32	-10.32		-10.32

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

21/09/2018



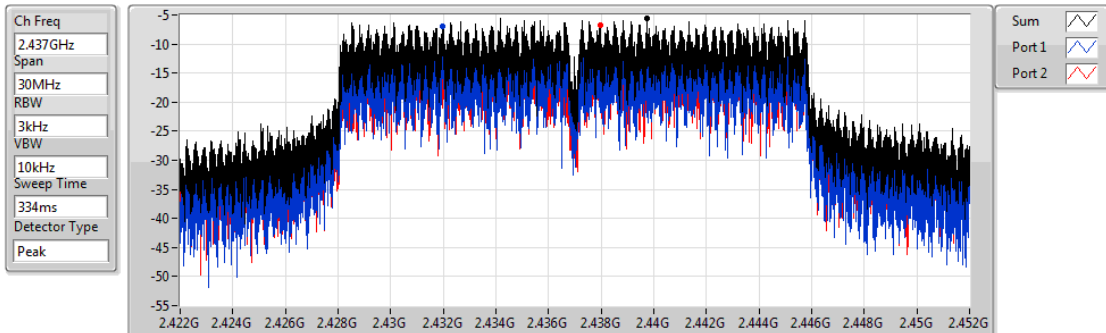
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.18	-10.18	-11.33	-12.19

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

21/09/2018



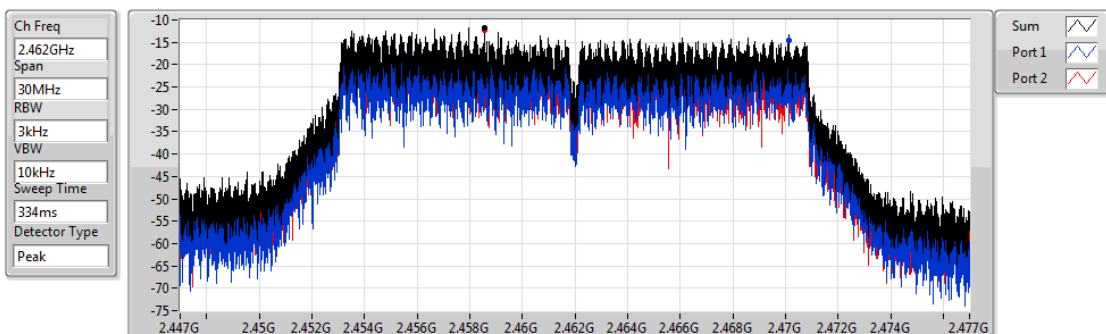
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.56	-5.56	-7.05	-6.69

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

21/09/2018



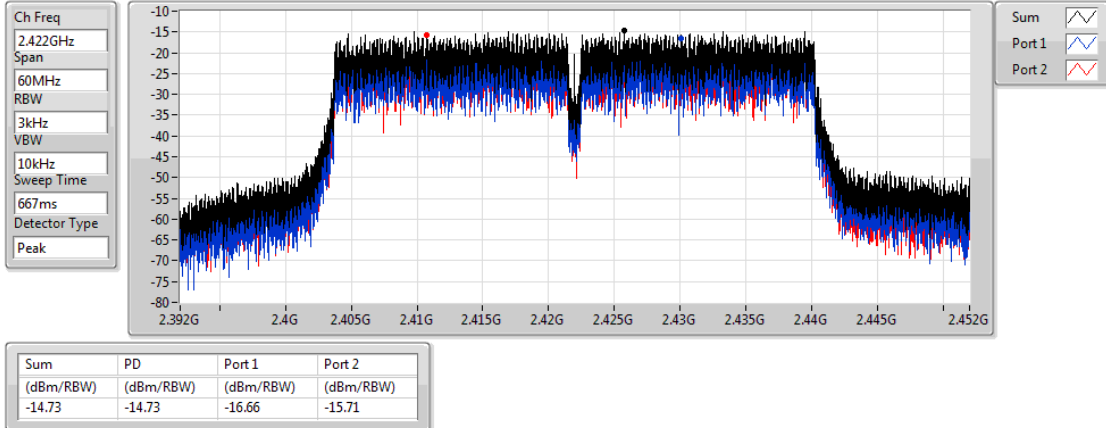
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.70	-11.70	-14.63	-12.23

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

PSD

21/09/2018

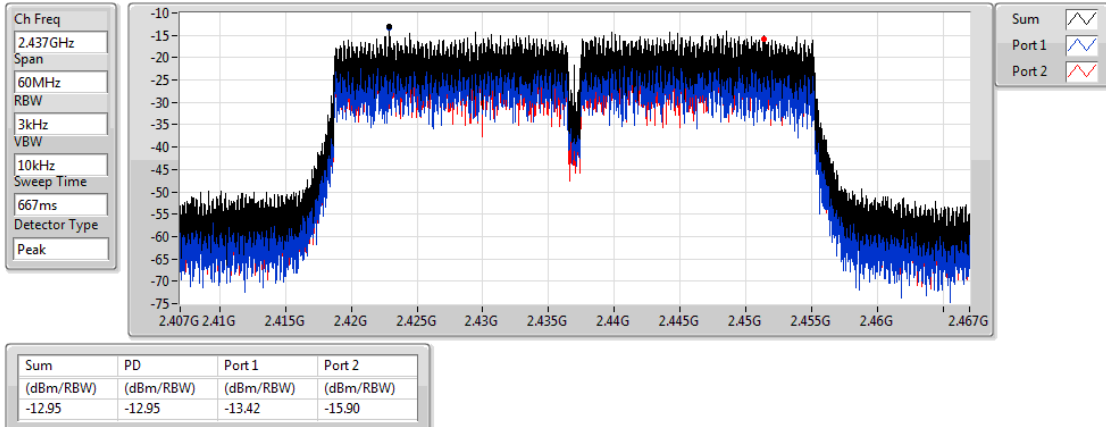


802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

PSD

21/09/2018

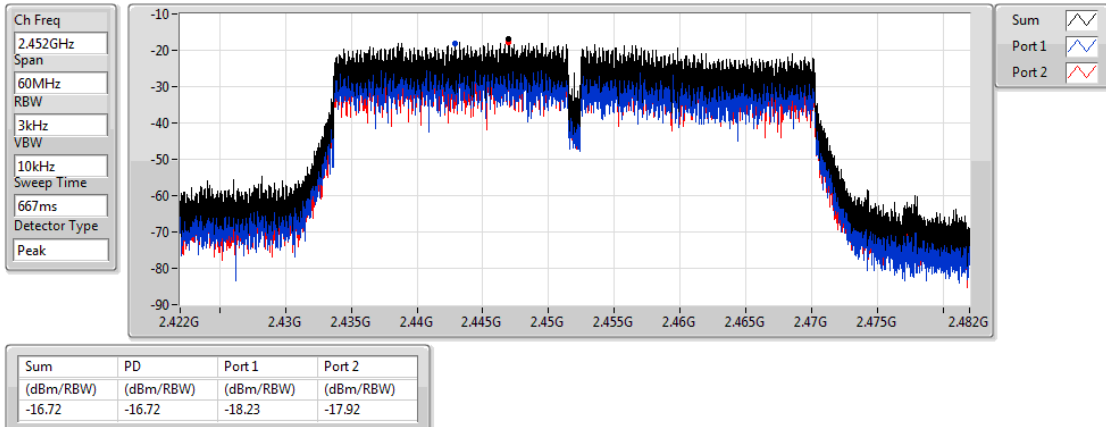


802.11n HT40_Nss1,(MCS0)_2TX

2452MHz

PSD

21/09/2018

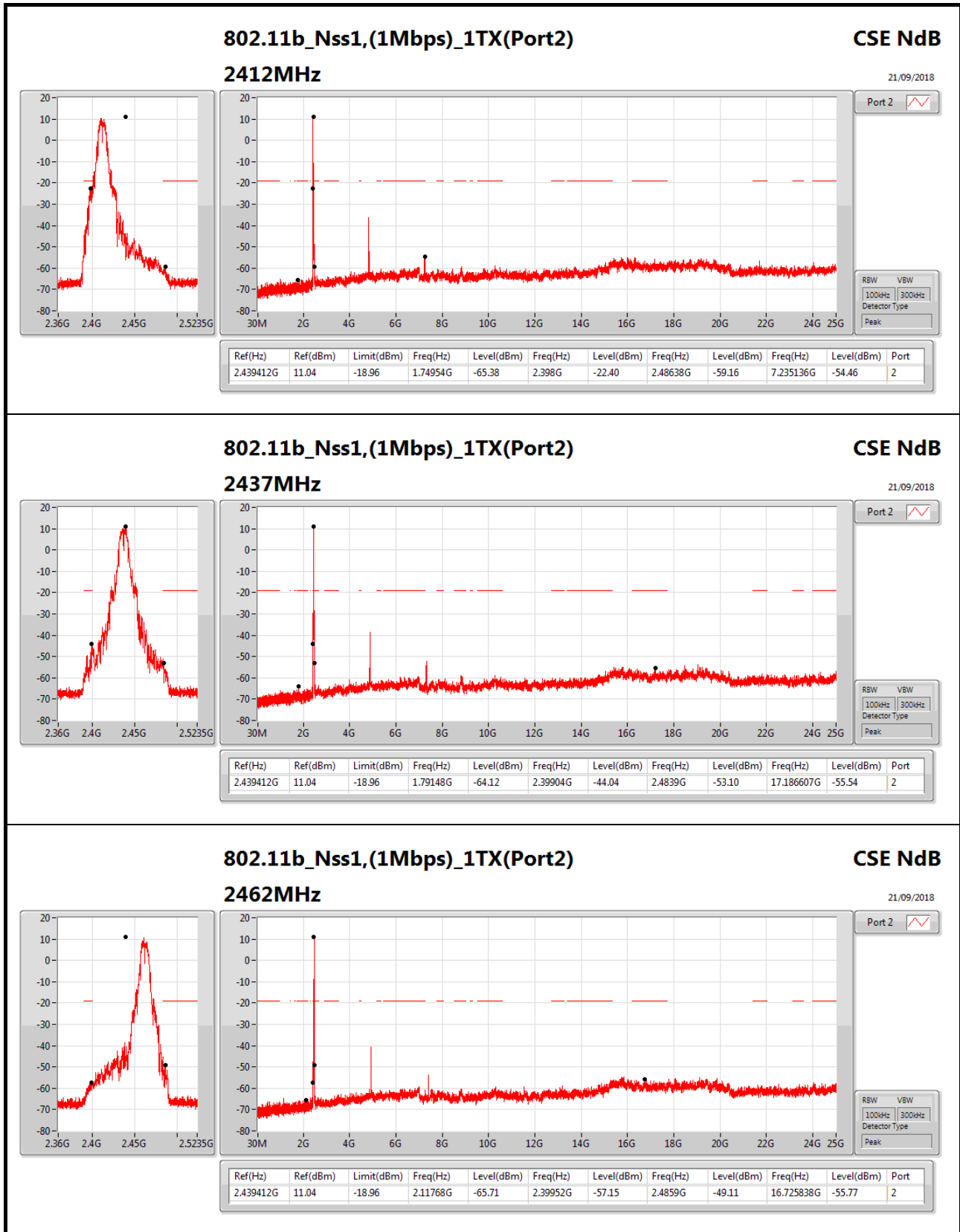


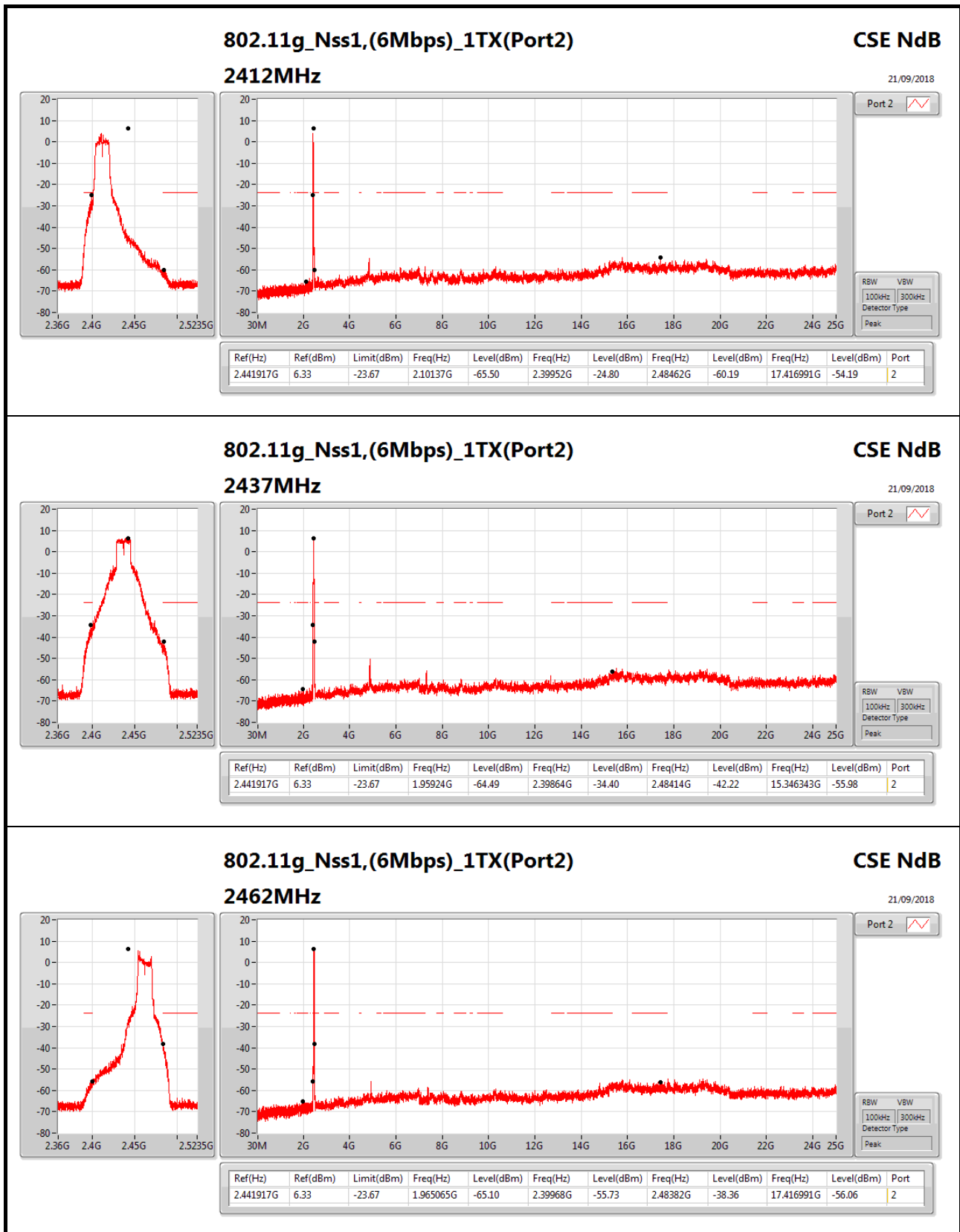
Summary

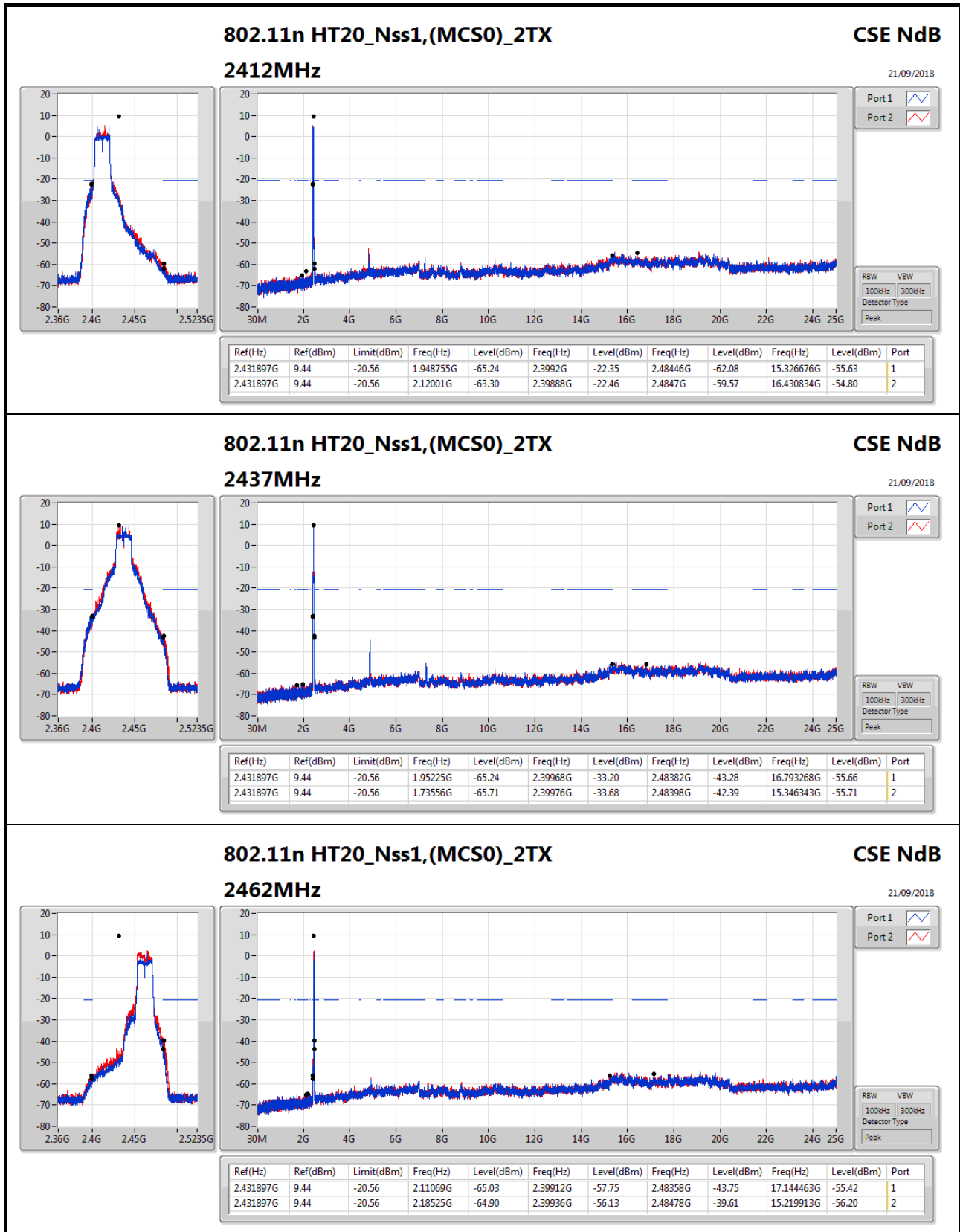
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	2.439412G	11.04	-18.96	1.74954G	-65.38	2.398G	-22.40	2.48638G	-59.16	7.235136G	-54.46	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	2.441917G	6.33	-23.67	2.10137G	-65.50	2.39952G	-24.80	2.48462G	-60.19	17.416991G	-54.19	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.431897G	9.44	-20.56	1.948755G	-65.24	2.3992G	-22.35	2.48446G	-62.08	15.326676G	-55.63	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.451937G	2.55	-27.45	2.02688G	-64.60	2.39936G	-28.80	2.48462G	-51.26	16.406821G	-56.00	2

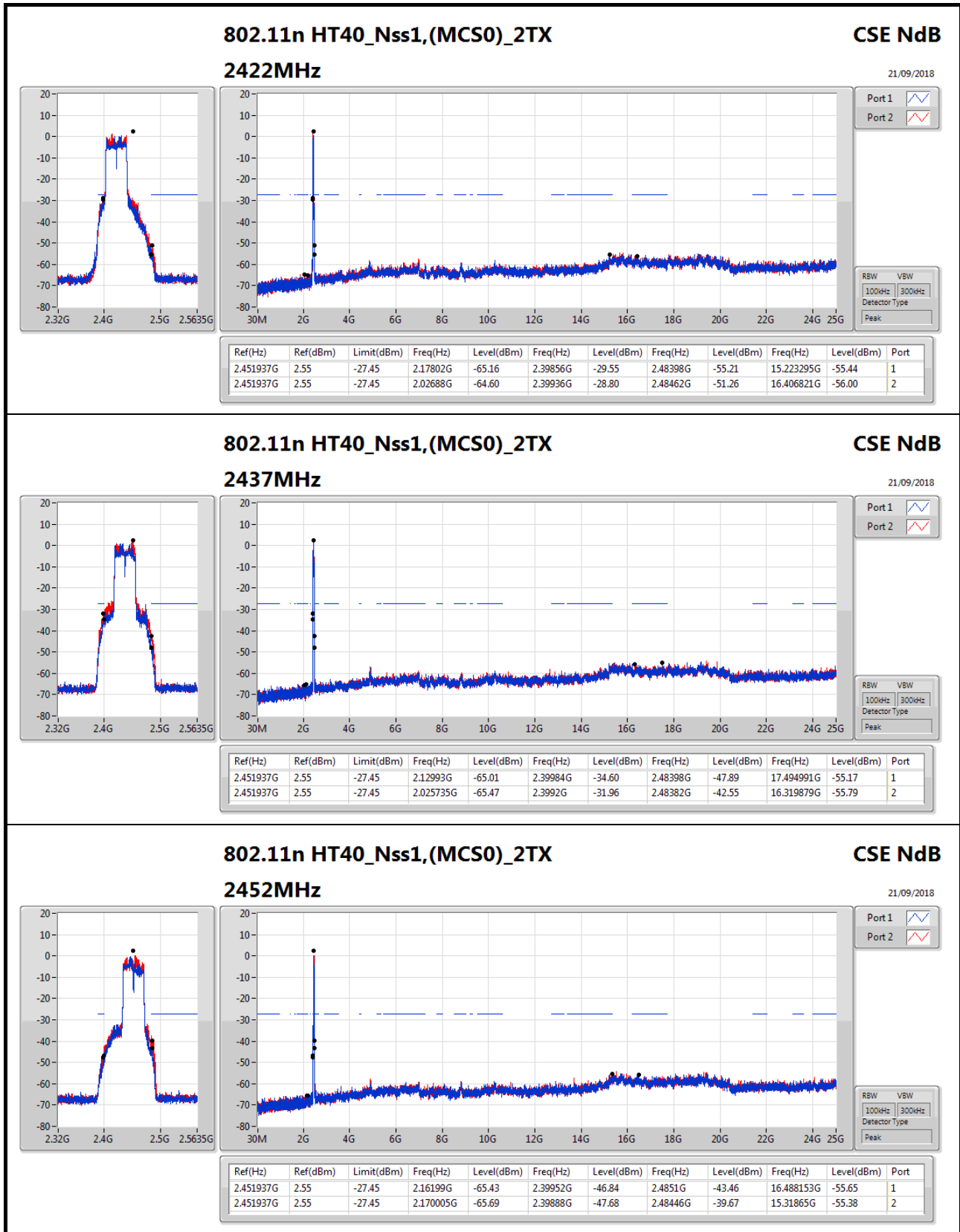
Result

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)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439412G	11.04	-18.96	1.74954G	-65.38	2.398G	-22.40	2.48638G	-59.16	7.235136G	-54.46	2
2437MHz	Pass	2.439412G	11.04	-18.96	1.79148G	-64.12	2.39904G	-44.04	2.4839G	-53.10	17.186607G	-55.54	2
2462MHz	Pass	2.439412G	11.04	-18.96	2.11768G	-65.71	2.39952G	-57.15	2.4859G	-49.11	16.725838G	-55.77	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.441917G	6.33	-23.67	2.10137G	-65.50	2.39952G	-24.80	2.48462G	-60.19	17.416991G	-54.19	2
2437MHz	Pass	2.441917G	6.33	-23.67	1.95924G	-64.49	2.39864G	-34.40	2.48414G	-42.22	15.346343G	-55.98	2
2462MHz	Pass	2.441917G	6.33	-23.67	1.965065G	-65.10	2.39968G	-55.73	2.48382G	-38.36	17.416991G	-56.06	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.431897G	9.44	-20.56	1.948755G	-65.24	2.3992G	-22.35	2.48446G	-62.08	15.326676G	-55.63	1
2412MHz	Pass	2.431897G	9.44	-20.56	2.12001G	-63.30	2.39888G	-22.46	2.4847G	-59.57	16.430834G	-54.80	2
2437MHz	Pass	2.431897G	9.44	-20.56	1.95225G	-65.24	2.39968G	-33.20	2.48382G	-43.28	16.793268G	-55.66	1
2437MHz	Pass	2.431897G	9.44	-20.56	1.73556G	-65.71	2.39976G	-33.68	2.48398G	-42.39	15.346343G	-55.71	2
2462MHz	Pass	2.431897G	9.44	-20.56	2.11069G	-65.03	2.39912G	-57.75	2.48358G	-43.75	17.144463G	-55.42	1
2462MHz	Pass	2.431897G	9.44	-20.56	2.18525G	-64.90	2.39936G	-56.13	2.48478G	-39.61	15.219913G	-56.20	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.451937G	2.55	-27.45	2.17802G	-65.16	2.39856G	-29.55	2.48398G	-55.21	15.223295G	-55.44	1
2422MHz	Pass	2.451937G	2.55	-27.45	2.02688G	-64.60	2.39936G	-28.80	2.48462G	-51.26	16.406821G	-56.00	2
2437MHz	Pass	2.451937G	2.55	-27.45	2.12993G	-65.01	2.39984G	-34.60	2.48398G	-47.89	17.494991G	-55.17	1
2437MHz	Pass	2.451937G	2.55	-27.45	2.025735G	-65.47	2.3992G	-31.96	2.48382G	-42.55	16.319879G	-55.79	2
2452MHz	Pass	2.451937G	2.55	-27.45	2.16199G	-65.43	2.39952G	-46.84	2.4851G	-43.46	16.488153G	-55.65	1
2452MHz	Pass	2.451937G	2.55	-27.45	2.170005G	-65.69	2.39888G	-47.68	2.48446G	-39.67	15.31865G	-55.38	2









Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	2.434903G	11.48	-18.52	2.081565G	-64.59	2.398G	-21.58	2.48438G	-59.00	7.232327G	-51.62	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	2.441917G	5.22	-24.78	2.18525G	-64.96	2.39944G	-26.44	2.48574G	-59.78	16.700552G	-55.85	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.435738G	9.21	-20.79	2.300585G	-65.75	2.39912G	-26.95	2.48358G	-60.89	15.326676G	-55.68	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.440748G	-0.66	-30.66	2.188325G	-65.08	2.39648G	-34.01	2.48382G	-54.84	15.242927G	-54.61	2

Result

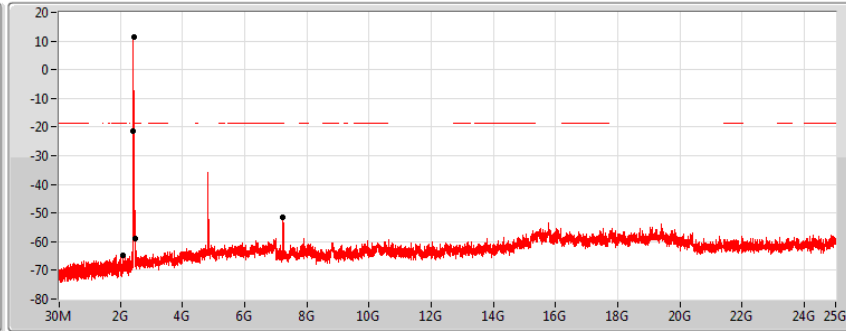
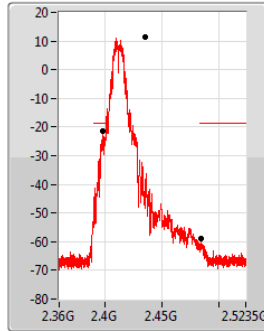
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.434903G	11.48	-18.52	2.081565G	-64.59	2.398G	-21.58	2.48438G	-59.00	7.232327G	-51.62	2
2437MHz	Pass	2.434903G	11.48	-18.52	1.732065G	-64.49	2.39952G	-45.63	2.48542G	-53.82	16.447692G	-55.61	2
2462MHz	Pass	2.434903G	11.48	-18.52	1.937105G	-64.78	2.39616G	-56.28	2.48598G	-50.68	16.78203G	-55.86	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.441917G	5.22	-24.78	2.18525G	-64.96	2.39944G	-26.44	2.48574G	-59.78	16.700552G	-55.85	2
2437MHz	Pass	2.441917G	5.22	-24.78	2.149135G	-64.48	2.39976G	-39.37	2.48398G	-46.56	15.228342G	-54.94	2
2462MHz	Pass	2.435738G	9.21	-20.79	1.941765G	-63.27	2.3988G	-58.01	2.48358G	-47.55	17.158511G	-55.08	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.435738G	9.21	-20.79	2.01283G	-65.63	2.3992G	-28.18	2.48414G	-62.39	15.248009G	-55.58	1
2412MHz	Pass	2.435738G	9.21	-20.79	2.300585G	-65.75	2.39912G	-26.95	2.48358G	-60.89	15.326676G	-55.68	2
2437MHz	Pass	2.435738G	9.21	-20.79	1.96157G	-65.00	2.39992G	-35.21	2.48358G	-45.38	15.343534G	-56.43	1
2437MHz	Pass	2.435738G	9.21	-20.79	2.18758G	-65.23	2.39896G	-33.21	2.48414G	-43.92	16.453311G	-55.53	2
2462MHz	Pass	2.435738G	9.21	-20.79	2.048945G	-65.91	2.39816G	-58.15	2.48382G	-47.52	17.414181G	-55.48	1
2462MHz	Pass	2.435738G	9.21	-20.79	2.193405G	-64.94	2.3996G	-59.63	2.48414G	-44.69	16.829792G	-55.15	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.440748G	-0.66	-30.66	1.778415G	-65.44	2.39984G	-36.15	2.48414G	-58.54	15.237318G	-55.16	1
2422MHz	Pass	2.440748G	-0.66	-30.66	2.188325G	-65.08	2.39648G	-34.01	2.48382G	-54.84	15.242927G	-54.61	2
2437MHz	Pass	2.440748G	-0.66	-30.66	1.71773G	-65.22	2.3992G	-40.70	2.4851G	-52.84	17.077111G	-56.30	1
2437MHz	Pass	2.440748G	-0.66	-30.66	1.80246G	-65.23	2.39952G	-36.26	2.48414G	-45.93	16.356338G	-55.41	2
2452MHz	Pass	2.440748G	-0.66	-30.66	1.82536G	-65.20	2.39952G	-57.70	2.48366G	-55.76	17.458531G	-56.06	1
2452MHz	Pass	2.440748G	-0.66	-30.66	2.1368G	-64.25	2.39584G	-56.01	2.48494G	-52.07	15.315846G	-55.52	2

802.11b_Nss1,(1Mbps)_1TX(Port2)

CSE NdB

2412MHz

21/09/2018



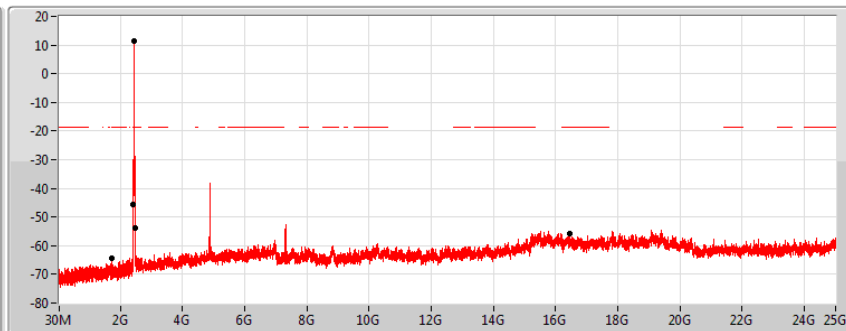
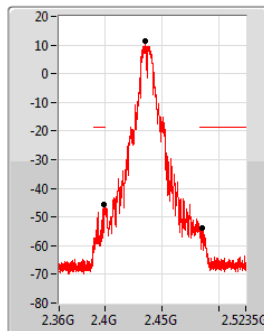
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434903G	11.48	-18.52	2.081565G	-64.59	2.398G	-21.58	2.48438G	-59.00	7.232327G	-51.62	2

802.11b_Nss1,(1Mbps)_1TX(Port2)

CSE NdB

2437MHz

21/09/2018



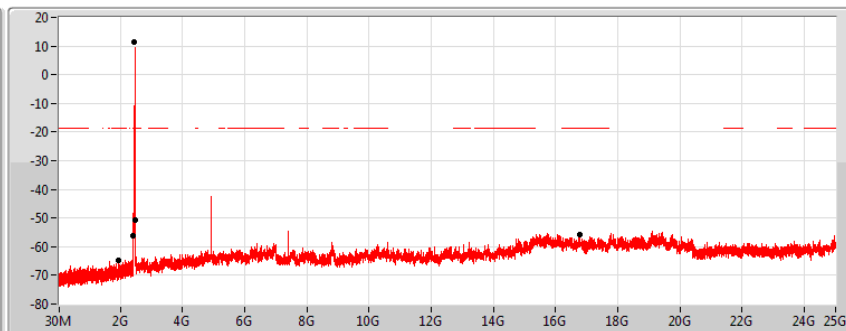
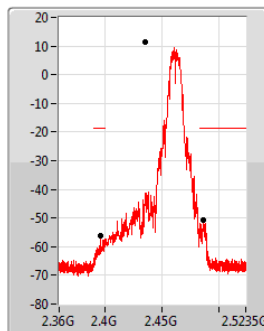
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2.434903G	11.48	-18.52	1.732065G	-64.49	2.39952G	-45.63	2.48542G	-53.82	16.447692G	-55.61	2

802.11b_Nss1,(1Mbps)_1TX(Port2)

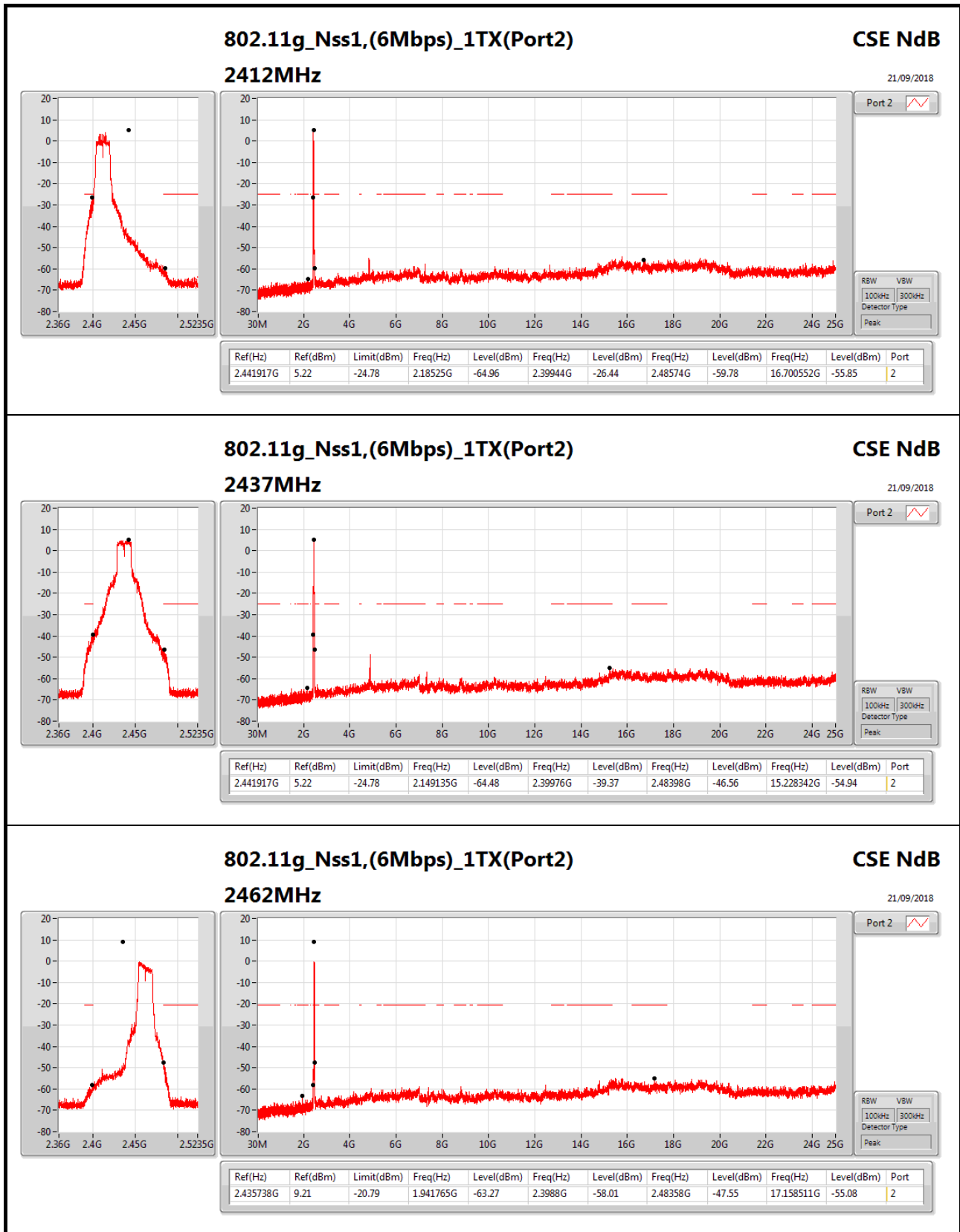
CSE NdB

2462MHz

21/09/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434903G	11.48	-18.52	1.937105G	-64.78	2.39616G	-56.28	2.48598G	-50.68	16.78203G	-55.86	2

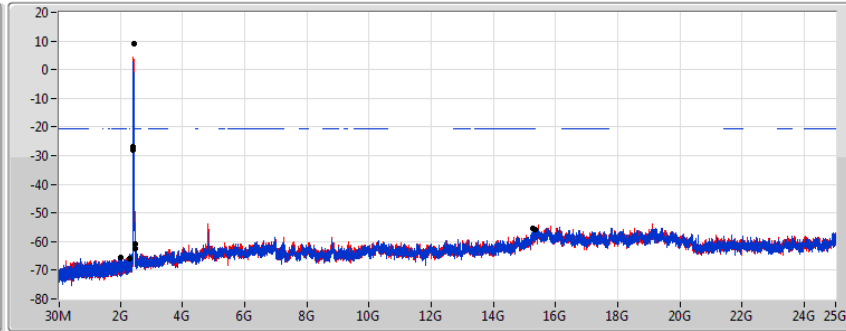
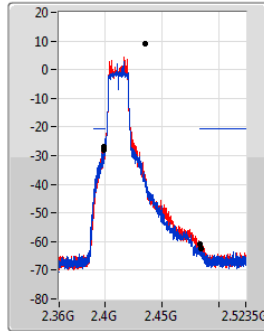


802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2412MHz

21/09/2018



Port 1
Port 2

RBW VBW
100kHz 300kHz
Detector Type
Peak

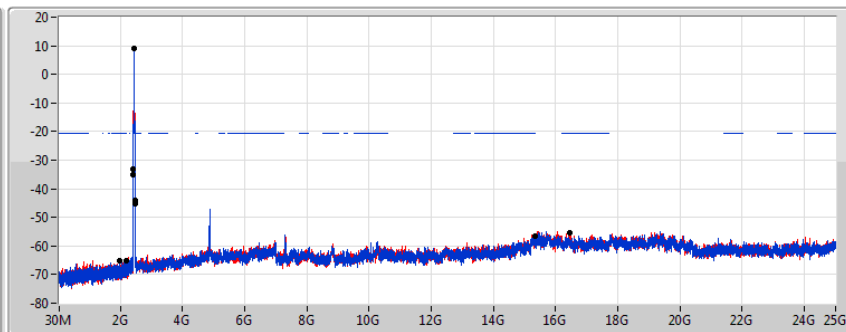
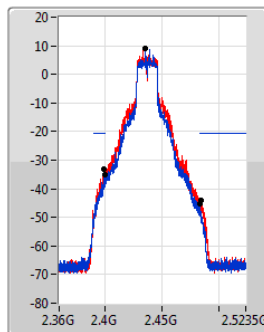
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	9.21	-20.79	2.01283G	-65.63	2.3992G	-28.18	2.48414G	-62.39	15.248009G	-55.58	1
2.435738G	9.21	-20.79	2.300585G	-65.75	2.39912G	-26.95	2.48358G	-60.89	15.326676G	-55.68	2

802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

21/09/2018



Port 1
Port 2

RBW VBW
100kHz 300kHz
Detector Type
Peak

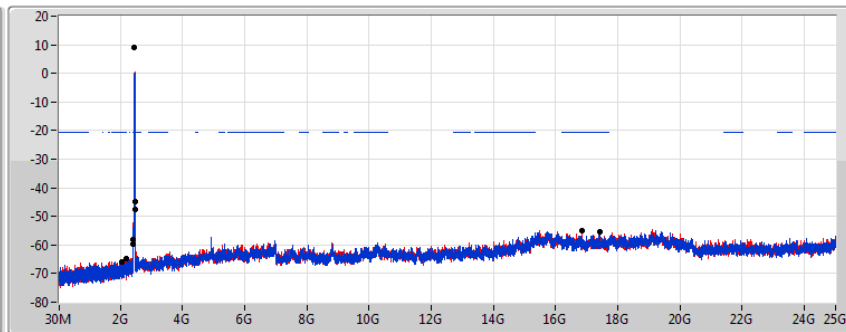
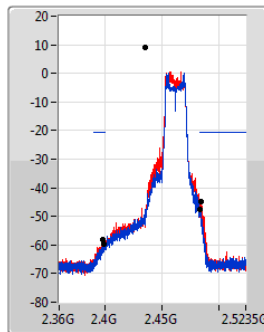
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	9.21	-20.79	1.96157G	-65.00	2.39992G	-35.21	2.48358G	-45.38	15.343534G	-56.43	1
2.435738G	9.21	-20.79	2.18758G	-65.23	2.39896G	-33.21	2.48414G	-43.92	16.453311G	-55.53	2

802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2462MHz

21/09/2018



Port 1
Port 2

RBW VBW
100kHz 300kHz
Detector Type
Peak

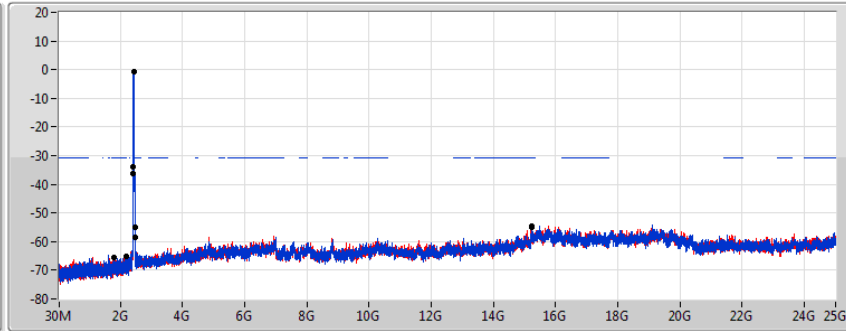
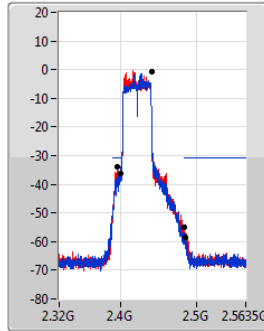
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	9.21	-20.79	2.048945G	-65.91	2.39816G	-58.15	2.48382G	-47.52	17.414181G	-55.48	1
2.435738G	9.21	-20.79	2.193405G	-64.94	2.3996G	-59.63	2.48414G	-44.69	16.829792G	-55.15	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2422MHz

21/09/2018



Port 1
Port 2

RBW VBW
100kHz 300kHz
Detector Type
Peak

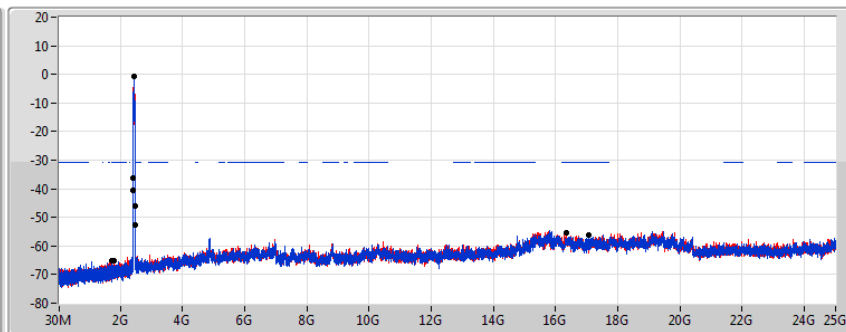
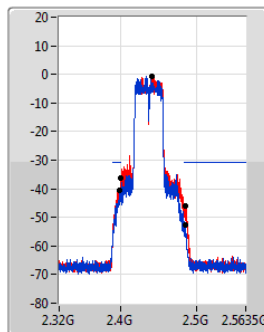
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	-0.66	-30.66	1.778415G	-65.44	2.39984G	-36.15	2.48414G	-58.54	15.237318G	-55.16	1
2.440748G	-0.66	-30.66	2.188325G	-65.08	2.39648G	-34.01	2.48382G	-54.84	15.242927G	-54.61	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

21/09/2018



Port 1
Port 2

RBW VBW
100kHz 300kHz
Detector Type
Peak

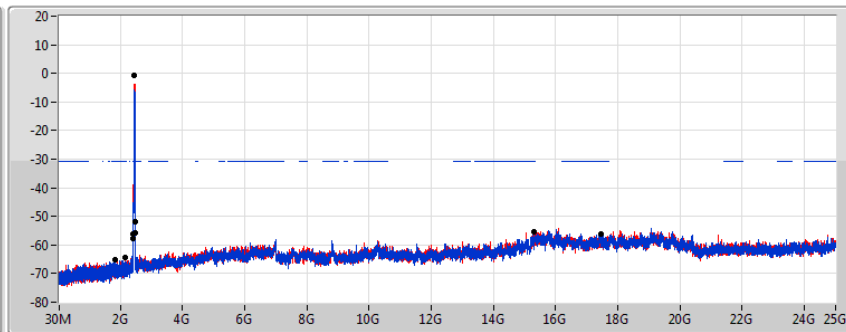
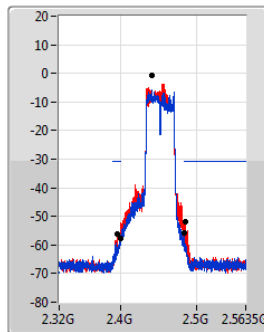
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	-0.66	-30.66	1.71773G	-65.22	2.3992G	-40.70	2.4851G	-52.84	17.077111G	-56.30	1
2.440748G	-0.66	-30.66	1.80246G	-65.23	2.39952G	-36.26	2.48414G	-45.93	16.356338G	-55.41	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2452MHz

21/09/2018



Port 1
Port 2

RBW VBW
100kHz 300kHz
Detector Type
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	-0.66	-30.66	1.82536G	-65.20	2.39952G	-57.70	2.48366G	-55.76	17.458531G	-56.06	1
2.440748G	-0.66	-30.66	2.1368G	-64.25	2.39584G	-56.01	2.48494G	-52.07	15.315846G	-55.52	2



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	650.8M	43.27	46.00	-2.73	-9.96	3	Horizontal	360	1.00	-

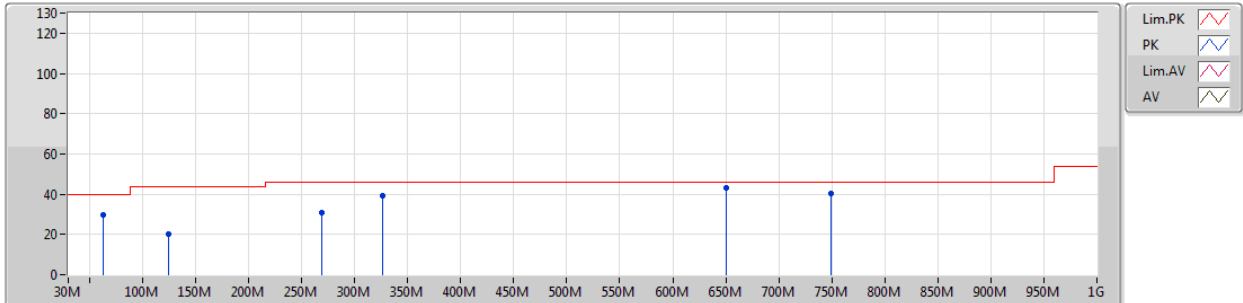
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	62.98M	29.78	40.00	-10.22	-25.58	3	Vertical	0	1.00	-
2437MHz	Pass	PK	125.06M	20.40	43.50	-23.10	-19.21	3	Vertical	0	1.00	-
2437MHz	Pass	PK	268.62M	30.92	46.00	-15.08	-16.26	3	Vertical	0	1.00	-
2437MHz	Pass	PK	326.82M	39.16	46.00	-6.84	-16.18	3	Vertical	0	1.00	-
2437MHz	Pass	PK	650.8M	43.13	46.00	-2.87	-9.96	3	Vertical	0	1.00	-
2437MHz	Pass	PK	749.74M	40.13	46.00	-5.87	-8.38	3	Vertical	0	1.00	-
2437MHz	Pass	PK	62.98M	26.07	40.00	-13.93	-25.58	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	198.78M	26.62	43.50	-16.88	-21.07	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	260.86M	30.07	46.00	-15.93	-15.71	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	319.06M	39.53	46.00	-6.47	-16.42	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	650.8M	43.27	46.00	-2.73	-9.96	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	749.74M	42.12	46.00	-3.88	-8.38	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

20/09/2018

2437MHz_Switching Power Supply

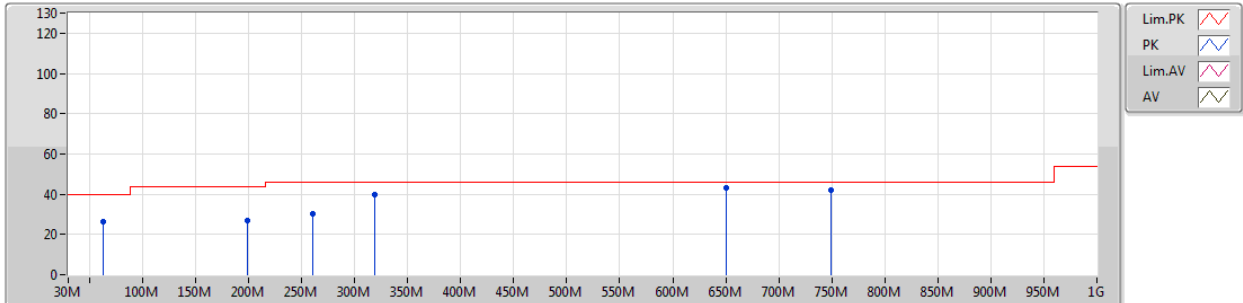


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	62.98M	29.78	40.00	-10.22	-25.58	3	Vertical	0	1.00	-
PK	125.06M	20.40	43.50	-23.10	-19.21	3	Vertical	0	1.00	-
PK	268.62M	30.92	46.00	-15.08	-16.26	3	Vertical	0	1.00	-
PK	326.82M	39.16	46.00	-6.84	-16.18	3	Vertical	0	1.00	-
PK	650.8M	43.13	46.00	-2.87	-9.96	3	Vertical	0	1.00	-
PK	749.74M	40.13	46.00	-5.87	-8.38	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

20/09/2018

2437MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	62.98M	26.07	40.00	-13.93	-25.58	3	Horizontal	360	1.00	-
PK	198.78M	26.62	43.50	-16.88	-21.07	3	Horizontal	360	1.00	-
PK	260.86M	30.07	46.00	-15.93	-15.71	3	Horizontal	360	1.00	-
PK	319.06M	39.53	46.00	-6.47	-16.42	3	Horizontal	360	1.00	-
PK	650.8M	43.27	46.00	-2.73	-9.96	3	Horizontal	360	1.00	-
PK	749.74M	42.12	46.00	-3.88	-8.38	3	Horizontal	360	1.00	-

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	AV	4.824G	51.37	54.00	-2.63	2.13	3	Horizontal	164	2.48	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	2.39G	53.35	54.00	-0.65	30.77	3	Horizontal	168	1.00	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.84	54.00	-0.16	31.11	3	Horizontal	222	2.36	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.57	54.00	-0.43	31.11	3	Horizontal	177	1.01	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	45.35	54.00	-8.65	30.77	3	Vertical	259	1.90	-
2412MHz	Pass	AV	2.4102G	100.87	Inf	-Inf	30.85	3	Vertical	259	1.90	-
2412MHz	Pass	PK	2.3894G	56.14	74.00	-17.86	30.77	3	Vertical	259	1.90	-
2412MHz	Pass	PK	2.4104G	102.98	Inf	-Inf	30.85	3	Vertical	259	1.90	-
2412MHz	Pass	AV	2.39G	48.12	54.00	-5.88	30.77	3	Horizontal	185	1.50	-
2412MHz	Pass	AV	2.4102G	104.57	Inf	-Inf	30.85	3	Horizontal	185	1.50	-
2412MHz	Pass	PK	2.39G	57.12	74.00	-16.88	30.77	3	Horizontal	185	1.50	-
2412MHz	Pass	PK	2.4104G	106.66	Inf	-Inf	30.85	3	Horizontal	185	1.50	-
2412MHz	Pass	AV	4.824G	42.09	54.00	-11.91	2.13	3	Vertical	231	3.14	-
2412MHz	Pass	PK	4.824G	47.70	74.00	-26.30	2.13	3	Vertical	231	3.14	-
2412MHz	Pass	AV	4.824G	51.37	54.00	-2.63	2.13	3	Horizontal	164	2.48	-
2412MHz	Pass	PK	4.82406G	53.41	74.00	-20.59	2.13	3	Horizontal	164	2.48	-
2437MHz	Pass	AV	2.3894G	42.66	54.00	-11.34	30.77	3	Vertical	261	1.95	-
2437MHz	Pass	AV	2.4354G	99.14	Inf	-Inf	30.94	3	Vertical	261	1.95	-
2437MHz	Pass	AV	2.4966G	43.40	54.00	-10.60	31.16	3	Vertical	261	1.95	-
2437MHz	Pass	PK	2.369G	55.94	74.00	-18.06	30.70	3	Vertical	261	1.95	-
2437MHz	Pass	PK	2.4354G	101.17	Inf	-Inf	30.94	3	Vertical	261	1.95	-
2437MHz	Pass	PK	2.4994G	56.98	74.00	-17.02	31.17	3	Vertical	261	1.95	-
2437MHz	Pass	AV	2.357G	42.66	54.00	-11.34	30.66	3	Horizontal	174	1.01	-
2437MHz	Pass	AV	2.4386G	104.99	Inf	-Inf	30.95	3	Horizontal	174	1.01	-
2437MHz	Pass	AV	2.4835G	44.15	54.00	-9.85	31.11	3	Horizontal	174	1.01	-
2437MHz	Pass	PK	2.3678G	55.65	74.00	-18.35	30.70	3	Horizontal	174	1.01	-
2437MHz	Pass	PK	2.4378G	107.13	Inf	-Inf	30.95	3	Horizontal	174	1.01	-
2437MHz	Pass	PK	2.4858G	56.39	74.00	-17.61	31.12	3	Horizontal	174	1.01	-
2437MHz	Pass	AV	4.87394G	39.57	54.00	-14.43	2.25	3	Vertical	241	1.31	-
2437MHz	Pass	PK	4.87394G	46.69	74.00	-27.31	2.25	3	Vertical	241	1.31	-
2437MHz	Pass	AV	4.874G	42.96	54.00	-11.04	2.25	3	Horizontal	28	1.32	-
2437MHz	Pass	PK	4.8737G	48.02	74.00	-25.98	2.25	3	Horizontal	28	1.32	-
2457MHz	Pass	AV	2.4552G	104.07	Inf	-Inf	31.00	3	Vertical	275	2.99	-
2457MHz	Pass	AV	2.4836G	48.00	54.00	-6.00	31.11	3	Vertical	275	2.99	-
2457MHz	Pass	PK	2.4542G	106.21	Inf	-Inf	31.00	3	Vertical	275	2.99	-
2457MHz	Pass	PK	2.4835G	58.34	74.00	-15.66	31.11	3	Vertical	275	2.99	-
2457MHz	Pass	AV	2.4552G	105.40	Inf	-Inf	31.00	3	Horizontal	165	1.65	-
2457MHz	Pass	AV	2.4836G	48.98	54.00	-5.02	31.11	3	Horizontal	165	1.65	-
2457MHz	Pass	PK	2.4542G	107.60	Inf	-Inf	31.00	3	Horizontal	165	1.65	-
2457MHz	Pass	PK	2.4836G	58.97	74.00	-15.03	31.11	3	Horizontal	165	1.65	-
2462MHz	Pass	AV	2.4602G	98.64	Inf	-Inf	31.03	3	Vertical	311	2.09	-
2462MHz	Pass	AV	2.4835G	46.06	54.00	-7.94	31.11	3	Vertical	311	2.09	-
2462MHz	Pass	PK	2.461G	100.86	Inf	-Inf	31.03	3	Vertical	311	2.09	-
2462MHz	Pass	PK	2.4878G	57.67	74.00	-16.33	31.13	3	Vertical	311	2.09	-
2462MHz	Pass	AV	2.4602G	103.84	Inf	-Inf	31.03	3	Horizontal	173	1.66	-
2462MHz	Pass	AV	2.4835G	50.35	54.00	-3.65	31.11	3	Horizontal	173	1.66	-
2462MHz	Pass	PK	2.461G	105.97	Inf	-Inf	31.03	3	Horizontal	173	1.66	-
2462MHz	Pass	PK	2.4835G	58.89	74.00	-15.11	31.11	3	Horizontal	173	1.66	-
2462MHz	Pass	AV	4.924G	44.45	54.00	-9.55	2.38	3	Vertical	230	3.19	-
2462MHz	Pass	PK	4.92412G	49.12	74.00	-24.88	2.38	3	Vertical	230	3.19	-
2462MHz	Pass	AV	4.924G	48.74	54.00	-5.26	2.38	3	Horizontal	192	2.33	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	4.924G	51.73	74.00	-22.27	2.38	3	Horizontal	192	2.33	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.35	54.00	-5.65	30.77	3	Vertical	258	1.92	-
2412MHz	Pass	AV	2.4176G	93.91	Inf	-Inf	30.87	3	Vertical	258	1.92	-
2412MHz	Pass	PK	2.39G	61.50	74.00	-12.50	30.77	3	Vertical	258	1.92	-
2412MHz	Pass	PK	2.4188G	104.69	Inf	-Inf	30.88	3	Vertical	258	1.92	-
2412MHz	Pass	AV	2.39G	52.61	54.00	-1.39	30.77	3	Horizontal	171	1.03	-
2412MHz	Pass	AV	2.4092G	98.05	Inf	-Inf	30.85	3	Horizontal	171	1.03	-
2412MHz	Pass	PK	2.39G	65.32	74.00	-8.68	30.77	3	Horizontal	171	1.03	-
2412MHz	Pass	PK	2.4186G	108.16	Inf	-Inf	30.87	3	Horizontal	171	1.03	-
2412MHz	Pass	AV	4.83126G	31.56	54.00	-22.44	2.15	3	Vertical	233	2.45	-
2412MHz	Pass	PK	4.81146G	44.19	74.00	-29.81	2.10	3	Vertical	233	2.45	-
2412MHz	Pass	AV	4.82634G	35.98	54.00	-18.02	2.14	3	Horizontal	164	2.44	-
2412MHz	Pass	PK	4.82964G	49.41	74.00	-24.59	2.15	3	Horizontal	164	2.44	-
2417MHz	Pass	AV	2.39G	50.01	54.00	-3.99	30.77	3	Vertical	252	1.93	-
2417MHz	Pass	AV	2.4214G	96.89	Inf	-Inf	30.89	3	Vertical	252	1.93	-
2417MHz	Pass	PK	2.3894G	63.78	74.00	-10.22	30.77	3	Vertical	252	1.93	-
2417MHz	Pass	PK	2.4206G	106.86	Inf	-Inf	30.89	3	Vertical	252	1.93	-
2417MHz	Pass	AV	2.39G	53.35	54.00	-0.65	30.77	3	Horizontal	168	1.00	-
2417MHz	Pass	AV	2.4214G	100.83	Inf	-Inf	30.89	3	Horizontal	168	1.00	-
2417MHz	Pass	PK	2.3898G	67.35	74.00	-6.65	30.77	3	Horizontal	168	1.00	-
2417MHz	Pass	PK	2.424G	111.39	Inf	-Inf	30.90	3	Horizontal	168	1.00	-
2437MHz	Pass	AV	2.3898G	43.38	54.00	-10.62	30.77	3	Vertical	259	1.96	-
2437MHz	Pass	AV	2.4302G	95.36	Inf	-Inf	30.91	3	Vertical	259	1.96	-
2437MHz	Pass	AV	2.4835G	44.47	54.00	-9.53	31.11	3	Vertical	259	1.96	-
2437MHz	Pass	PK	2.3886G	56.12	74.00	-17.88	30.77	3	Vertical	259	1.96	-
2437MHz	Pass	PK	2.4306G	104.41	Inf	-Inf	30.92	3	Vertical	259	1.96	-
2437MHz	Pass	PK	2.4842G	57.83	74.00	-16.17	31.12	3	Vertical	259	1.96	-
2437MHz	Pass	AV	2.3898G	44.10	54.00	-9.90	30.77	3	Horizontal	173	1.47	-
2437MHz	Pass	AV	2.431G	100.26	Inf	-Inf	30.92	3	Horizontal	173	1.47	-
2437MHz	Pass	AV	2.4835G	47.94	54.00	-6.06	31.11	3	Horizontal	173	1.47	-
2437MHz	Pass	PK	2.3898G	56.94	74.00	-17.06	30.77	3	Horizontal	173	1.47	-
2437MHz	Pass	PK	2.4306G	109.49	Inf	-Inf	30.92	3	Horizontal	173	1.47	-
2437MHz	Pass	PK	2.4842G	65.10	74.00	-8.90	31.12	3	Horizontal	173	1.47	-
2437MHz	Pass	AV	4.88762G	30.91	54.00	-23.09	2.29	3	Vertical	192	1.74	-
2437MHz	Pass	PK	4.88684G	43.36	74.00	-30.64	2.29	3	Vertical	192	1.74	-
2437MHz	Pass	AV	4.88468G	30.87	54.00	-23.13	2.29	3	Horizontal	201	1.96	-
2437MHz	Pass	PK	4.8605G	44.06	74.00	-29.94	2.23	3	Horizontal	201	1.96	-
2447MHz	Pass	AV	2.387G	43.15	54.00	-10.85	30.76	3	Vertical	274	3.00	-
2447MHz	Pass	AV	2.4494G	99.34	Inf	-Inf	30.99	3	Vertical	274	3.00	-
2447MHz	Pass	AV	2.4835G	52.18	54.00	-1.82	31.11	3	Vertical	274	3.00	-
2447MHz	Pass	PK	2.3666G	56.75	74.00	-17.25	30.70	3	Vertical	274	3.00	-
2447MHz	Pass	PK	2.4506G	109.45	Inf	-Inf	30.99	3	Vertical	274	3.00	-
2447MHz	Pass	PK	2.4838G	70.77	74.00	-3.23	31.11	3	Vertical	274	3.00	-
2447MHz	Pass	AV	2.3898G	43.59	54.00	-10.41	30.77	3	Horizontal	163	1.64	-
2447MHz	Pass	AV	2.4498G	100.77	Inf	-Inf	30.99	3	Horizontal	163	1.64	-
2447MHz	Pass	AV	2.4835G	53.25	54.00	-0.75	31.11	3	Horizontal	163	1.64	-
2447MHz	Pass	PK	2.3722G	55.70	74.00	-18.30	30.71	3	Horizontal	163	1.64	-
2447MHz	Pass	PK	2.4506G	110.91	Inf	-Inf	30.99	3	Horizontal	163	1.64	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4842G	72.54	74.00	-1.46	31.12	3	Horizontal	163	1.64	-
2452MHz	Pass	AV	2.4492G	95.40	Inf	-Inf	30.99	3	Vertical	250	2.16	-
2452MHz	Pass	AV	2.4835G	47.56	54.00	-6.44	31.11	3	Vertical	250	2.16	-
2452MHz	Pass	PK	2.4494G	104.51	Inf	-Inf	30.99	3	Vertical	250	2.16	-
2452MHz	Pass	PK	2.4836G	63.12	74.00	-10.88	31.11	3	Vertical	250	2.16	-
2452MHz	Pass	AV	2.4492G	100.52	Inf	-Inf	30.99	3	Horizontal	164	1.22	-
2452MHz	Pass	AV	2.4835G	53.03	54.00	-0.97	31.11	3	Horizontal	164	1.22	-
2452MHz	Pass	PK	2.4494G	109.67	Inf	-Inf	30.99	3	Horizontal	164	1.22	-
2452MHz	Pass	PK	2.4836G	70.22	74.00	-3.78	31.11	3	Horizontal	164	1.22	-
2457MHz	Pass	AV	2.4508G	98.89	Inf	-Inf	30.99	3	Vertical	276	3.00	-
2457MHz	Pass	AV	2.4835G	51.26	54.00	-2.74	31.11	3	Vertical	276	3.00	-
2457MHz	Pass	PK	2.4526G	107.55	Inf	-Inf	31.00	3	Vertical	276	3.00	-
2457MHz	Pass	PK	2.4835G	68.79	74.00	-5.21	31.11	3	Vertical	276	3.00	-
2457MHz	Pass	AV	2.4508G	100.36	Inf	-Inf	30.99	3	Horizontal	165	1.64	-
2457MHz	Pass	AV	2.4835G	52.31	54.00	-1.69	31.11	3	Horizontal	165	1.64	-
2457MHz	Pass	PK	2.4518G	109.14	Inf	-Inf	31.00	3	Horizontal	165	1.64	-
2457MHz	Pass	PK	2.4835G	69.69	74.00	-4.31	31.11	3	Horizontal	165	1.64	-
2462MHz	Pass	AV	2.4546G	91.27	Inf	-Inf	31.00	3	Vertical	312	2.72	-
2462MHz	Pass	AV	2.4835G	48.38	54.00	-5.62	31.11	3	Vertical	312	2.72	-
2462MHz	Pass	PK	2.4548G	99.90	Inf	-Inf	31.00	3	Vertical	312	2.72	-
2462MHz	Pass	PK	2.4835G	64.02	74.00	-9.98	31.11	3	Vertical	312	2.72	-
2462MHz	Pass	AV	2.4546G	97.09	Inf	-Inf	31.00	3	Horizontal	171	1.65	-
2462MHz	Pass	AV	2.4835G	53.21	54.00	-0.79	31.11	3	Horizontal	171	1.65	-
2462MHz	Pass	PK	2.455G	105.71	Inf	-Inf	31.00	3	Horizontal	171	1.65	-
2462MHz	Pass	PK	2.4835G	69.57	74.00	-4.43	31.11	3	Horizontal	171	1.65	-
2462MHz	Pass	AV	4.93714G	30.93	54.00	-23.07	2.42	3	Vertical	184	2.11	-
2462MHz	Pass	PK	4.9285G	43.72	74.00	-30.28	2.40	3	Vertical	184	2.11	-
2462MHz	Pass	AV	4.9279G	30.89	54.00	-23.11	2.39	3	Horizontal	146	2.17	-
2462MHz	Pass	PK	4.92898G	43.71	74.00	-30.29	2.40	3	Horizontal	146	2.17	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.66	54.00	-5.34	30.77	3	Vertical	242	2.05	-
2412MHz	Pass	AV	2.411G	96.17	Inf	-Inf	30.85	3	Vertical	242	2.05	-
2412MHz	Pass	PK	2.3896G	64.52	74.00	-9.48	30.77	3	Vertical	242	2.05	-
2412MHz	Pass	PK	2.4142G	105.33	Inf	-Inf	30.86	3	Vertical	242	2.05	-
2412MHz	Pass	AV	2.39G	53.24	54.00	-0.76	30.77	3	Horizontal	160	1.05	-
2412MHz	Pass	AV	2.4106G	99.77	Inf	-Inf	30.85	3	Horizontal	160	1.05	-
2412MHz	Pass	PK	2.3898G	67.99	74.00	-6.01	30.77	3	Horizontal	160	1.05	-
2412MHz	Pass	PK	2.4082G	109.48	Inf	-Inf	30.84	3	Horizontal	160	1.05	-
2412MHz	Pass	AV	4.82994G	31.18	54.00	-22.82	2.15	3	Vertical	266	2.22	-
2412MHz	Pass	PK	4.83342G	43.76	74.00	-30.24	2.15	3	Vertical	266	2.22	-
2412MHz	Pass	AV	4.83162G	32.92	54.00	-21.08	2.15	3	Horizontal	191	2.37	-
2412MHz	Pass	PK	4.82994G	46.71	74.00	-27.29	2.15	3	Horizontal	191	2.37	-
2417MHz	Pass	AV	2.39G	49.33	54.00	-4.67	30.77	3	Vertical	236	2.06	-
2417MHz	Pass	AV	2.4136G	98.62	Inf	-Inf	30.86	3	Vertical	236	2.06	-
2417MHz	Pass	PK	2.39G	63.58	74.00	-10.42	30.77	3	Vertical	236	2.06	-
2417MHz	Pass	PK	2.4114G	107.95	Inf	-Inf	30.85	3	Vertical	236	2.06	-
2417MHz	Pass	AV	2.39G	52.57	54.00	-1.43	30.77	3	Horizontal	157	1.25	-
2417MHz	Pass	AV	2.423G	102.74	Inf	-Inf	30.89	3	Horizontal	157	1.25	-
2417MHz	Pass	PK	2.39G	69.56	74.00	-4.44	30.77	3	Horizontal	157	1.25	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.4206G	112.31	Inf	-Inf	30.89	3	Horizontal	157	1.25	-
2422MHz	Pass	AV	2.39G	49.25	54.00	-4.75	30.77	3	Vertical	238	2.08	-
2422MHz	Pass	AV	2.421G	99.70	Inf	-Inf	30.89	3	Vertical	238	2.08	-
2422MHz	Pass	PK	2.39G	63.75	74.00	-10.25	30.77	3	Vertical	238	2.08	-
2422MHz	Pass	PK	2.426G	109.35	Inf	-Inf	30.90	3	Vertical	238	2.08	-
2422MHz	Pass	AV	2.39G	52.02	54.00	-1.98	30.77	3	Horizontal	155	1.01	-
2422MHz	Pass	AV	2.4232G	103.30	Inf	-Inf	30.89	3	Horizontal	155	1.01	-
2422MHz	Pass	PK	2.39G	71.28	74.00	-2.72	30.77	3	Horizontal	155	1.01	-
2422MHz	Pass	PK	2.4182G	112.92	Inf	-Inf	30.87	3	Horizontal	155	1.01	-
2427MHz	Pass	AV	2.39G	49.86	54.00	-4.14	30.77	3	Vertical	237	2.07	-
2427MHz	Pass	AV	2.4236G	100.60	Inf	-Inf	30.90	3	Vertical	237	2.07	-
2427MHz	Pass	PK	2.39G	65.43	74.00	-8.57	30.77	3	Vertical	237	2.07	-
2427MHz	Pass	PK	2.4208G	110.19	Inf	-Inf	30.89	3	Vertical	237	2.07	-
2427MHz	Pass	AV	2.39G	53.74	54.00	-0.26	30.77	3	Horizontal	157	1.28	-
2427MHz	Pass	AV	2.4258G	104.23	Inf	-Inf	30.90	3	Horizontal	157	1.28	-
2427MHz	Pass	PK	2.39G	68.11	74.00	-5.89	30.77	3	Horizontal	157	1.28	-
2427MHz	Pass	PK	2.423G	114.12	Inf	-Inf	30.89	3	Horizontal	157	1.28	-
2437MHz	Pass	AV	2.3898G	45.08	54.00	-8.92	30.77	3	Vertical	235	1.50	-
2437MHz	Pass	AV	2.4338G	97.76	Inf	-Inf	30.93	3	Vertical	235	1.50	-
2437MHz	Pass	AV	2.4838G	46.65	54.00	-7.35	31.11	3	Vertical	235	1.50	-
2437MHz	Pass	PK	2.389G	56.73	74.00	-17.27	30.77	3	Vertical	235	1.50	-
2437MHz	Pass	PK	2.4338G	107.38	Inf	-Inf	30.93	3	Vertical	235	1.50	-
2437MHz	Pass	PK	2.4835G	59.10	74.00	-14.90	31.11	3	Vertical	235	1.50	-
2437MHz	Pass	AV	2.3898G	47.72	54.00	-6.28	30.77	3	Horizontal	159	1.48	-
2437MHz	Pass	AV	2.4334G	104.25	Inf	-Inf	30.93	3	Horizontal	159	1.48	-
2437MHz	Pass	AV	2.4835G	51.79	54.00	-2.21	31.11	3	Horizontal	159	1.48	-
2437MHz	Pass	PK	2.3898G	60.51	74.00	-13.49	30.77	3	Horizontal	159	1.48	-
2437MHz	Pass	PK	2.4306G	114.01	Inf	-Inf	30.92	3	Horizontal	159	1.48	-
2437MHz	Pass	PK	2.4846G	63.99	74.00	-10.01	31.12	3	Horizontal	159	1.48	-
2437MHz	Pass	AV	4.8752G	32.76	54.00	-21.24	2.26	3	Vertical	226	1.15	-
2437MHz	Pass	PK	4.87268G	45.38	74.00	-28.62	2.25	3	Vertical	226	1.15	-
2437MHz	Pass	AV	4.8725G	38.47	54.00	-15.53	2.25	3	Horizontal	166	1.95	-
2437MHz	Pass	PK	4.87484G	52.22	74.00	-21.78	2.25	3	Horizontal	166	1.95	-
2442MHz	Pass	AV	2.39G	44.86	54.00	-9.14	30.77	3	Vertical	238	2.29	-
2442MHz	Pass	AV	2.446G	100.28	Inf	-Inf	30.98	3	Vertical	238	2.29	-
2442MHz	Pass	AV	2.484G	50.24	54.00	-3.76	31.12	3	Vertical	238	2.29	-
2442MHz	Pass	PK	2.39G	57.19	74.00	-16.81	30.77	3	Vertical	238	2.29	-
2442MHz	Pass	PK	2.4484G	110.26	Inf	-Inf	30.99	3	Vertical	238	2.29	-
2442MHz	Pass	PK	2.4835G	64.94	74.00	-9.06	31.11	3	Vertical	238	2.29	-
2442MHz	Pass	AV	2.39G	46.43	54.00	-7.57	30.77	3	Horizontal	157	1.67	-
2442MHz	Pass	AV	2.448G	104.53	Inf	-Inf	30.98	3	Horizontal	157	1.67	-
2442MHz	Pass	AV	2.4835G	52.21	54.00	-1.79	31.11	3	Horizontal	157	1.67	-
2442MHz	Pass	PK	2.39G	58.82	74.00	-15.18	30.77	3	Horizontal	157	1.67	-
2442MHz	Pass	PK	2.4448G	114.21	Inf	-Inf	30.98	3	Horizontal	157	1.67	-
2442MHz	Pass	PK	2.4852G	68.02	74.00	-5.98	31.12	3	Horizontal	157	1.67	-
2447MHz	Pass	AV	2.3898G	43.62	54.00	-10.38	30.77	3	Vertical	239	2.04	-
2447MHz	Pass	AV	2.4486G	99.84	Inf	-Inf	30.99	3	Vertical	239	2.04	-
2447MHz	Pass	AV	2.4835G	49.99	54.00	-4.01	31.11	3	Vertical	239	2.04	-
2447MHz	Pass	PK	2.3522G	56.22	74.00	-17.78	30.65	3	Vertical	239	2.04	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4514G	109.08	Inf	-Inf	30.99	3	Vertical	239	2.04	-
2447MHz	Pass	PK	2.4838G	65.52	74.00	-8.48	31.11	3	Vertical	239	2.04	-
2447MHz	Pass	AV	2.3898G	44.55	54.00	-9.45	30.77	3	Horizontal	159	1.67	-
2447MHz	Pass	AV	2.4478G	104.16	Inf	-Inf	30.98	3	Horizontal	159	1.67	-
2447MHz	Pass	AV	2.4835G	53.08	54.00	-0.92	31.11	3	Horizontal	159	1.67	-
2447MHz	Pass	PK	2.3774G	56.15	74.00	-17.85	30.73	3	Horizontal	159	1.67	-
2447MHz	Pass	PK	2.4478G	113.57	Inf	-Inf	30.98	3	Horizontal	159	1.67	-
2447MHz	Pass	PK	2.4835G	69.22	74.00	-4.78	31.11	3	Horizontal	159	1.67	-
2452MHz	Pass	AV	2.4486G	99.33	Inf	-Inf	30.99	3	Vertical	237	2.30	-
2452MHz	Pass	AV	2.4835G	50.88	54.00	-3.12	31.11	3	Vertical	237	2.30	-
2452MHz	Pass	PK	2.4482G	108.50	Inf	-Inf	30.98	3	Vertical	237	2.30	-
2452MHz	Pass	PK	2.4838G	67.74	74.00	-6.26	31.11	3	Vertical	237	2.30	-
2452MHz	Pass	AV	2.448G	103.64	Inf	-Inf	30.98	3	Horizontal	160	1.65	-
2452MHz	Pass	AV	2.4835G	53.13	54.00	-0.87	31.11	3	Horizontal	160	1.65	-
2452MHz	Pass	PK	2.4482G	112.89	Inf	-Inf	30.98	3	Horizontal	160	1.65	-
2452MHz	Pass	PK	2.4848G	71.76	74.00	-2.24	31.12	3	Horizontal	160	1.65	-
2457MHz	Pass	AV	2.451G	98.61	Inf	-Inf	30.99	3	Vertical	243	1.89	-
2457MHz	Pass	AV	2.4835G	49.91	54.00	-4.09	31.11	3	Vertical	243	1.89	-
2457MHz	Pass	PK	2.4508G	108.11	Inf	-Inf	30.99	3	Vertical	243	1.89	-
2457MHz	Pass	PK	2.4838G	69.02	74.00	-4.98	31.11	3	Vertical	243	1.89	-
2457MHz	Pass	AV	2.4488G	102.57	Inf	-Inf	30.99	3	Horizontal	179	1.01	-
2457MHz	Pass	AV	2.4835G	52.06	54.00	-1.94	31.11	3	Horizontal	179	1.01	-
2457MHz	Pass	PK	2.4488G	111.56	Inf	-Inf	30.99	3	Horizontal	179	1.01	-
2457MHz	Pass	PK	2.4844G	70.08	74.00	-3.92	31.12	3	Horizontal	179	1.01	-
2462MHz	Pass	AV	2.4538G	95.60	Inf	-Inf	31.00	3	Vertical	240	2.06	-
2462MHz	Pass	AV	2.4835G	51.67	54.00	-2.33	31.11	3	Vertical	240	2.06	-
2462MHz	Pass	PK	2.4538G	104.93	Inf	-Inf	31.00	3	Vertical	240	2.06	-
2462MHz	Pass	PK	2.4835G	68.98	74.00	-5.02	31.11	3	Vertical	240	2.06	-
2462MHz	Pass	AV	2.4534G	99.58	Inf	-Inf	31.00	3	Horizontal	222	2.36	-
2462MHz	Pass	AV	2.4835G	53.84	54.00	-0.16	31.11	3	Horizontal	222	2.36	-
2462MHz	Pass	PK	2.4558G	109.70	Inf	-Inf	31.01	3	Horizontal	222	2.36	-
2462MHz	Pass	PK	2.4835G	72.71	74.00	-1.29	31.11	3	Horizontal	222	2.36	-
2462MHz	Pass	AV	4.9309G	30.95	54.00	-23.05	2.40	3	Vertical	228	1.49	-
2462MHz	Pass	PK	4.93738G	43.66	74.00	-30.34	2.42	3	Vertical	228	1.49	-
2462MHz	Pass	AV	4.9285G	30.77	54.00	-23.23	2.40	3	Horizontal	101	1.50	-
2462MHz	Pass	PK	4.92652G	43.79	74.00	-30.21	2.39	3	Horizontal	101	1.50	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	49.61	54.00	-4.39	30.77	3	Vertical	236	2.95	-
2422MHz	Pass	AV	2.4256G	92.54	Inf	-Inf	30.90	3	Vertical	236	2.95	-
2422MHz	Pass	AV	2.4835G	45.27	54.00	-8.73	31.11	3	Vertical	236	2.95	-
2422MHz	Pass	PK	2.3892G	62.05	74.00	-11.95	30.77	3	Vertical	236	2.95	-
2422MHz	Pass	PK	2.4184G	101.52	Inf	-Inf	30.87	3	Vertical	236	2.95	-
2422MHz	Pass	PK	2.4896G	57.93	74.00	-16.07	31.13	3	Vertical	236	2.95	-
2422MHz	Pass	AV	2.39G	53.31	54.00	-0.69	30.77	3	Horizontal	157	1.23	-
2422MHz	Pass	AV	2.418G	96.37	Inf	-Inf	30.87	3	Horizontal	157	1.23	-
2422MHz	Pass	AV	2.484G	46.01	54.00	-7.99	31.12	3	Horizontal	157	1.23	-
2422MHz	Pass	PK	2.3896G	65.23	74.00	-8.77	30.77	3	Horizontal	157	1.23	-
2422MHz	Pass	PK	2.4208G	105.19	Inf	-Inf	30.89	3	Horizontal	157	1.23	-
2422MHz	Pass	PK	2.4872G	57.81	74.00	-16.19	31.12	3	Horizontal	157	1.23	-

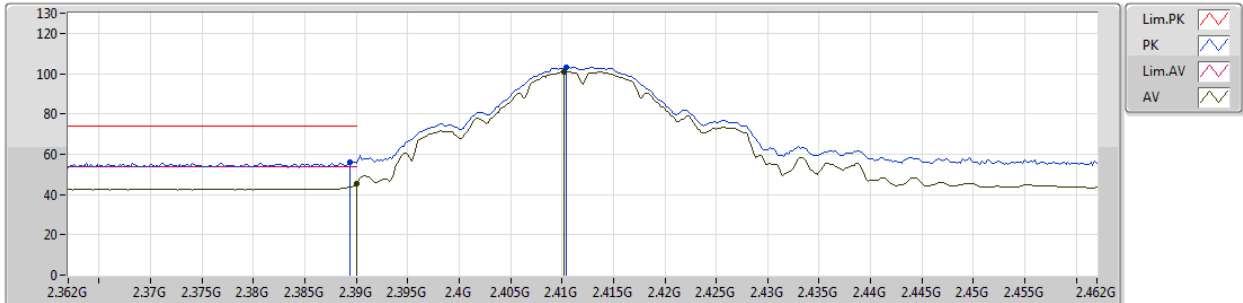
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	4.85348G	31.97	54.00	-22.03	2.21	3	Vertical	1	2.25	-
2422MHz	Pass	PK	4.85816G	43.99	74.00	-30.01	2.21	3	Vertical	1	2.25	-
2422MHz	Pass	AV	4.85774G	33.80	54.00	-20.20	2.21	3	Horizontal	168	2.12	-
2422MHz	Pass	PK	4.85792G	48.02	74.00	-25.98	2.21	3	Horizontal	168	2.12	-
2437MHz	Pass	AV	2.3898G	44.61	54.00	-9.39	30.77	3	Vertical	242	2.90	-
2437MHz	Pass	AV	2.451G	93.61	Inf	-Inf	30.99	3	Vertical	242	2.90	-
2437MHz	Pass	AV	2.4835G	52.05	54.00	-1.95	31.11	3	Vertical	242	2.90	-
2437MHz	Pass	PK	2.3894G	56.03	74.00	-17.97	30.77	3	Vertical	242	2.90	-
2437MHz	Pass	PK	2.451G	102.35	Inf	-Inf	30.99	3	Vertical	242	2.90	-
2437MHz	Pass	PK	2.4835G	65.28	74.00	-8.72	31.11	3	Vertical	242	2.90	-
2437MHz	Pass	AV	2.3898G	46.80	54.00	-7.20	30.77	3	Horizontal	159	1.64	-
2437MHz	Pass	AV	2.4506G	97.32	Inf	-Inf	30.99	3	Horizontal	159	1.64	-
2437MHz	Pass	AV	2.4835G	53.13	54.00	-0.87	31.11	3	Horizontal	159	1.64	-
2437MHz	Pass	PK	2.3898G	59.79	74.00	-14.21	30.77	3	Horizontal	159	1.64	-
2437MHz	Pass	PK	2.4502G	106.27	Inf	-Inf	30.99	3	Horizontal	159	1.64	-
2437MHz	Pass	PK	2.4835G	69.26	74.00	-4.74	31.11	3	Horizontal	159	1.64	-
2437MHz	Pass	AV	4.8758G	32.04	54.00	-21.96	2.26	3	Vertical	154	1.99	-
2437MHz	Pass	PK	4.88252G	44.84	74.00	-29.16	2.27	3	Vertical	154	1.99	-
2437MHz	Pass	AV	4.87514G	34.79	54.00	-19.21	2.26	3	Horizontal	177	2.42	-
2437MHz	Pass	PK	4.87514G	44.09	74.00	-29.91	2.26	3	Horizontal	177	2.42	-
2442MHz	Pass	AV	2.386G	44.02	54.00	-9.98	30.76	3	Vertical	242	2.30	-
2442MHz	Pass	AV	2.4508G	93.42	Inf	-Inf	30.99	3	Vertical	242	2.30	-
2442MHz	Pass	AV	2.4835G	51.18	54.00	-2.82	31.11	3	Vertical	242	2.30	-
2442MHz	Pass	PK	2.3672G	55.46	74.00	-18.54	30.70	3	Vertical	242	2.30	-
2442MHz	Pass	PK	2.448G	102.34	Inf	-Inf	30.98	3	Vertical	242	2.30	-
2442MHz	Pass	PK	2.4835G	65.12	74.00	-8.88	31.11	3	Vertical	242	2.30	-
2442MHz	Pass	AV	2.39G	44.97	54.00	-9.03	30.77	3	Horizontal	158	1.20	-
2442MHz	Pass	AV	2.448G	97.65	Inf	-Inf	30.98	3	Horizontal	158	1.20	-
2442MHz	Pass	AV	2.4848G	53.06	54.00	-0.94	31.12	3	Horizontal	158	1.20	-
2442MHz	Pass	PK	2.39G	56.52	74.00	-17.48	30.77	3	Horizontal	158	1.20	-
2442MHz	Pass	PK	2.4508G	106.66	Inf	-Inf	30.99	3	Horizontal	158	1.20	-
2442MHz	Pass	PK	2.4848G	70.68	74.00	-3.32	31.12	3	Horizontal	158	1.20	-
2447MHz	Pass	AV	2.3814G	44.08	54.00	-9.92	30.75	3	Vertical	240	2.29	-
2447MHz	Pass	AV	2.451G	92.86	Inf	-Inf	30.99	3	Vertical	240	2.29	-
2447MHz	Pass	AV	2.4835G	49.51	54.00	-4.49	31.11	3	Vertical	240	2.29	-
2447MHz	Pass	PK	2.383G	56.03	74.00	-17.97	30.75	3	Vertical	240	2.29	-
2447MHz	Pass	PK	2.4506G	101.41	Inf	-Inf	30.99	3	Vertical	240	2.29	-
2447MHz	Pass	PK	2.485G	70.15	74.00	-3.85	31.12	3	Vertical	240	2.29	-
2447MHz	Pass	AV	2.389G	44.09	54.00	-9.91	30.77	3	Horizontal	159	1.67	-
2447MHz	Pass	AV	2.4506G	96.63	Inf	-Inf	30.99	3	Horizontal	159	1.67	-
2447MHz	Pass	AV	2.4835G	50.91	54.00	-3.09	31.11	3	Horizontal	159	1.67	-
2447MHz	Pass	PK	2.3518G	56.17	74.00	-17.83	30.65	3	Horizontal	159	1.67	-
2447MHz	Pass	PK	2.4506G	105.79	Inf	-Inf	30.99	3	Horizontal	159	1.67	-
2447MHz	Pass	PK	2.4835G	73.51	74.00	-0.49	31.11	3	Horizontal	159	1.67	-
2452MHz	Pass	AV	2.3812G	44.34	54.00	-9.66	30.75	3	Vertical	241	2.90	-
2452MHz	Pass	AV	2.4484G	93.14	Inf	-Inf	30.99	3	Vertical	241	2.90	-
2452MHz	Pass	AV	2.4835G	52.81	54.00	-1.19	31.11	3	Vertical	241	2.90	-
2452MHz	Pass	PK	2.3592G	55.52	74.00	-18.48	30.67	3	Vertical	241	2.90	-
2452MHz	Pass	PK	2.4504G	102.21	Inf	-Inf	30.99	3	Vertical	241	2.90	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.4835G	69.48	74.00	-4.52	31.11	3	Vertical	241	2.90	-
2452MHz	Pass	AV	2.354G	44.22	54.00	-9.78	30.65	3	Horizontal	177	1.01	-
2452MHz	Pass	AV	2.4488G	96.91	Inf	-Inf	30.99	3	Horizontal	177	1.01	-
2452MHz	Pass	AV	2.4835G	53.57	54.00	-0.43	31.11	3	Horizontal	177	1.01	-
2452MHz	Pass	PK	2.3748G	56.57	74.00	-17.43	30.72	3	Horizontal	177	1.01	-
2452MHz	Pass	PK	2.4464G	105.93	Inf	-Inf	30.98	3	Horizontal	177	1.01	-
2452MHz	Pass	PK	2.4835G	70.52	74.00	-3.48	31.11	3	Horizontal	177	1.01	-
2452MHz	Pass	AV	4.88912G	31.21	54.00	-22.79	2.29	3	Vertical	131	1.56	-
2452MHz	Pass	PK	4.89032G	43.81	74.00	-30.19	2.29	3	Vertical	131	1.56	-
2452MHz	Pass	AV	4.89014G	33.57	54.00	-20.43	2.29	3	Horizontal	190	1.74	-
2452MHz	Pass	PK	4.88978G	46.95	74.00	-27.05	2.29	3	Horizontal	190	1.74	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

17/09/2018

2412MHz_TX

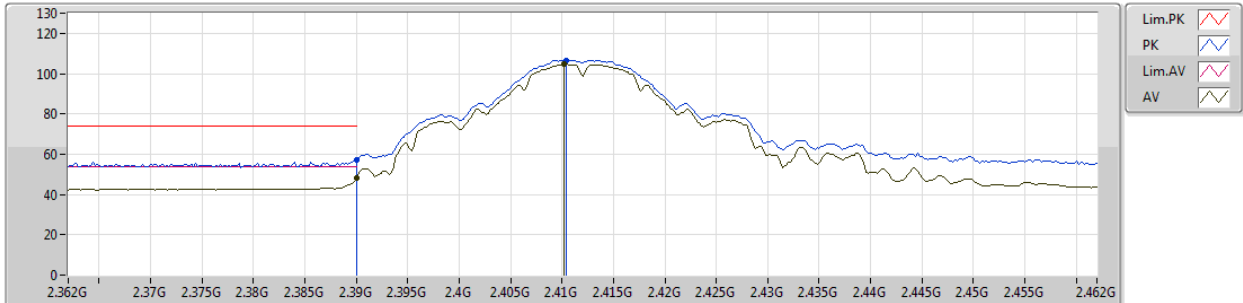


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	45.35	54.00	-8.65	30.77	3	Vertical	259	1.90	-
AV	2.4102G	100.87	Inf	-Inf	30.85	3	Vertical	259	1.90	-
PK	2.3894G	56.14	74.00	-17.86	30.77	3	Vertical	259	1.90	-
PK	2.4104G	102.98	Inf	-Inf	30.85	3	Vertical	259	1.90	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

17/09/2018

2412MHz_TX

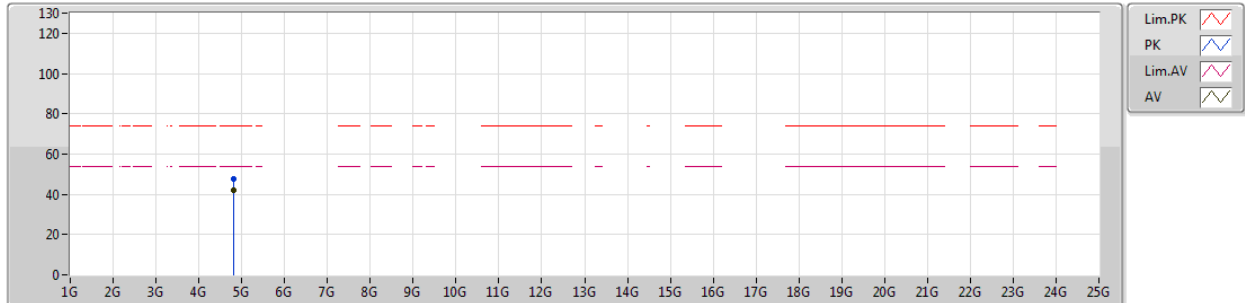


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.12	54.00	-5.88	30.77	3	Horizontal	185	1.50	-
AV	2.4102G	104.57	Inf	-Inf	30.85	3	Horizontal	185	1.50	-
PK	2.39G	57.12	74.00	-16.88	30.77	3	Horizontal	185	1.50	-
PK	2.4104G	106.66	Inf	-Inf	30.85	3	Horizontal	185	1.50	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

18/09/2018

2412MHz_TX

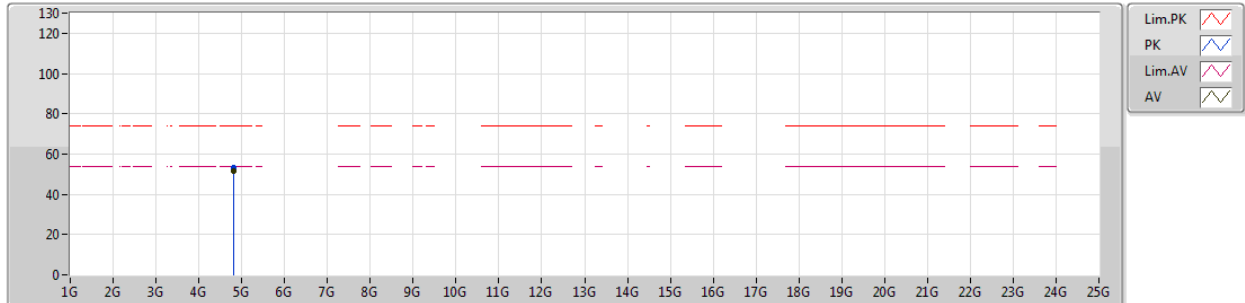


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.824G	42.09	54.00	-11.91	2.13	3	Vertical	231	3.14	-
PK	4.824G	47.70	74.00	-26.30	2.13	3	Vertical	231	3.14	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

18/09/2018

2412MHz_TX

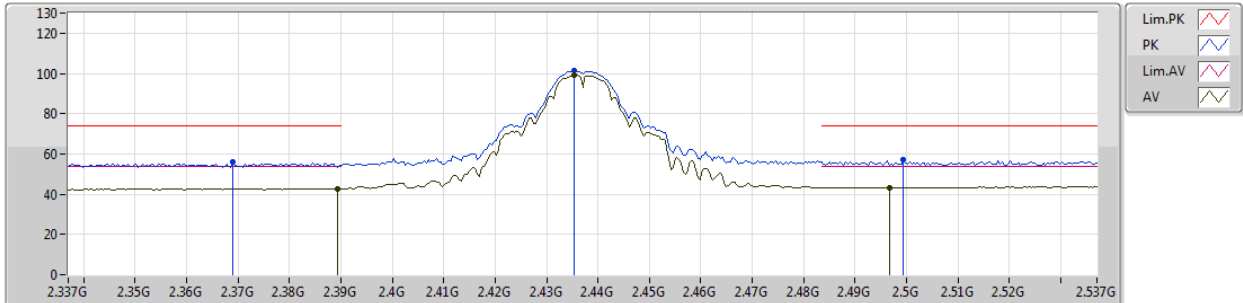


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.824G	51.37	54.00	-2.63	2.13	3	Horizontal	164	2.48	-
PK	4.82406G	53.41	74.00	-20.59	2.13	3	Horizontal	164	2.48	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

17/09/2018

2437MHz_TX

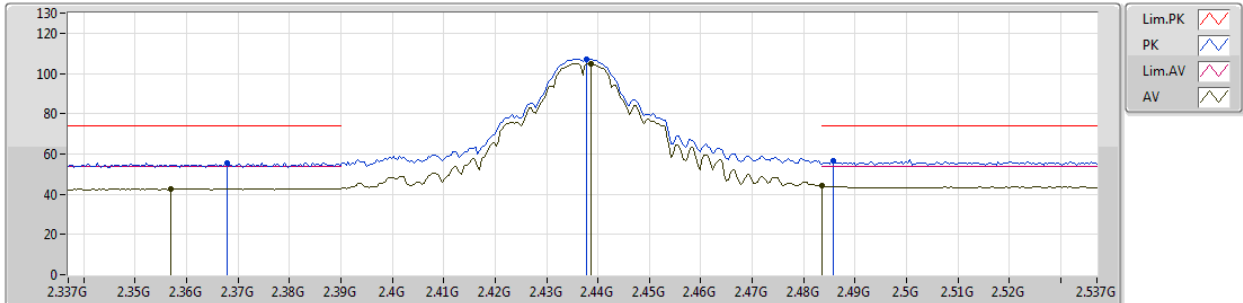


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	42.66	54.00	-11.34	30.77	3	Vertical	261	1.95	-
AV	2.4354G	99.14	Inf	-Inf	30.94	3	Vertical	261	1.95	-
AV	2.4966G	43.40	54.00	-10.60	31.16	3	Vertical	261	1.95	-
PK	2.369G	55.94	74.00	-18.06	30.70	3	Vertical	261	1.95	-
PK	2.4354G	101.17	Inf	-Inf	30.94	3	Vertical	261	1.95	-
PK	2.4994G	56.98	74.00	-17.02	31.17	3	Vertical	261	1.95	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

17/09/2018

2437MHz_TX

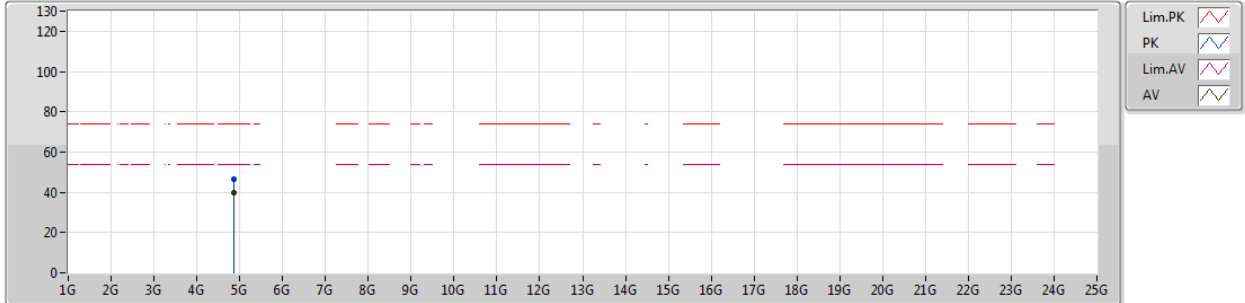


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.357G	42.66	54.00	-11.34	30.66	3	Horizontal	174	1.01	-
AV	2.4386G	104.99	Inf	-Inf	30.95	3	Horizontal	174	1.01	-
AV	2.4835G	44.15	54.00	-9.85	31.11	3	Horizontal	174	1.01	-
PK	2.3678G	55.65	74.00	-18.35	30.70	3	Horizontal	174	1.01	-
PK	2.4378G	107.13	Inf	-Inf	30.95	3	Horizontal	174	1.01	-
PK	2.4858G	56.39	74.00	-17.61	31.12	3	Horizontal	174	1.01	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

18/09/2018

2437MHz_TX

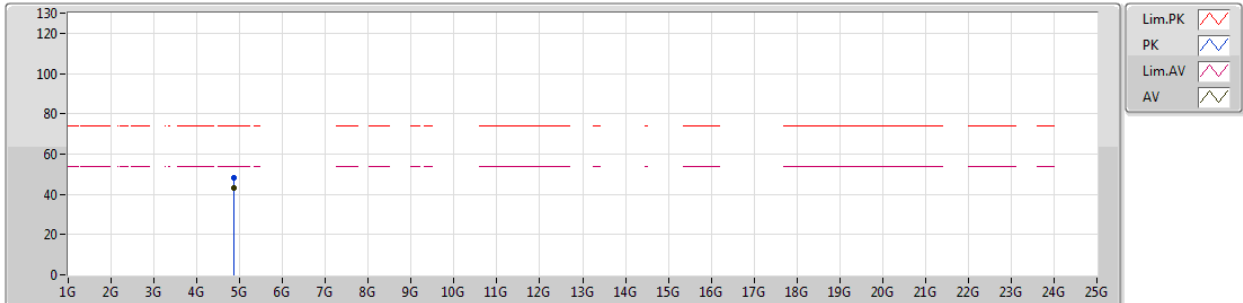


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.87394G	39.57	54.00	-14.43	2.25	3	Vertical	241	1.31	-								
PK	4.87394G	46.69	74.00	-27.31	2.25	3	Vertical	241	1.31	-								

802.11b_Nss1,(1Mbps)_1TX(Port2)

18/09/2018

2437MHz_TX

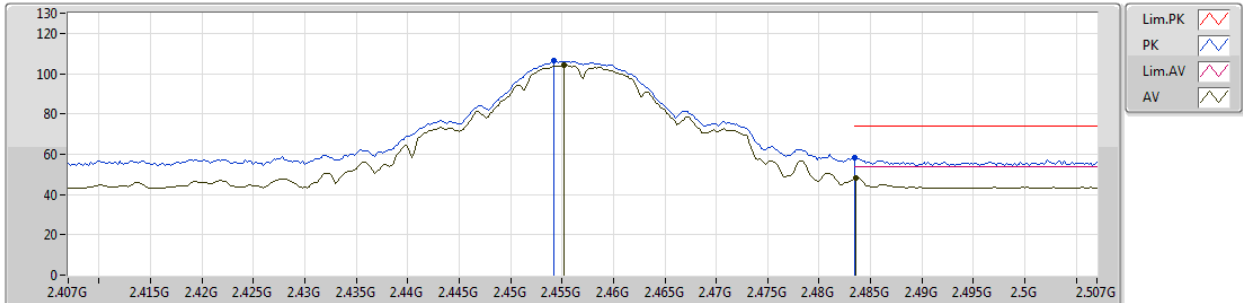


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.874G	42.96	54.00	-11.04	2.25	3	Horizontal	28	1.32	-
PK	4.8737G	48.02	74.00	-25.98	2.25	3	Horizontal	28	1.32	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

18/09/2018

2457MHz_TX

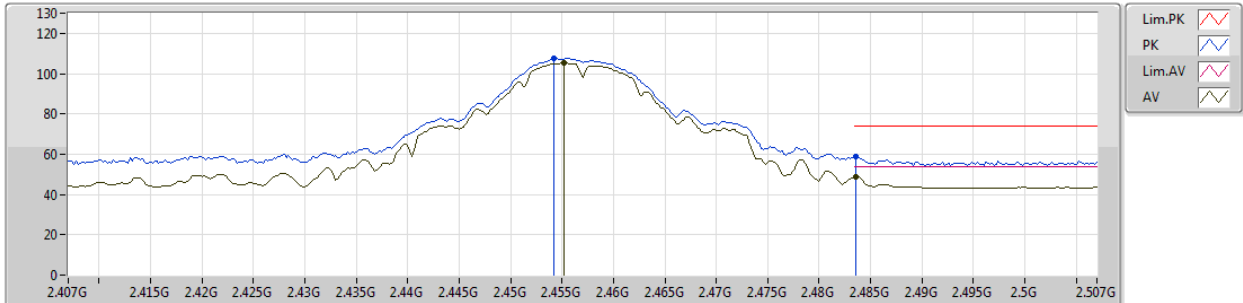


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4552G	104.07	Inf	-Inf	31.00	3	Vertical	275	2.99	-
AV	2.4836G	48.00	54.00	-6.00	31.11	3	Vertical	275	2.99	-
PK	2.4542G	106.21	Inf	-Inf	31.00	3	Vertical	275	2.99	-
PK	2.4835G	58.34	74.00	-15.66	31.11	3	Vertical	275	2.99	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

18/09/2018

2457MHz_TX

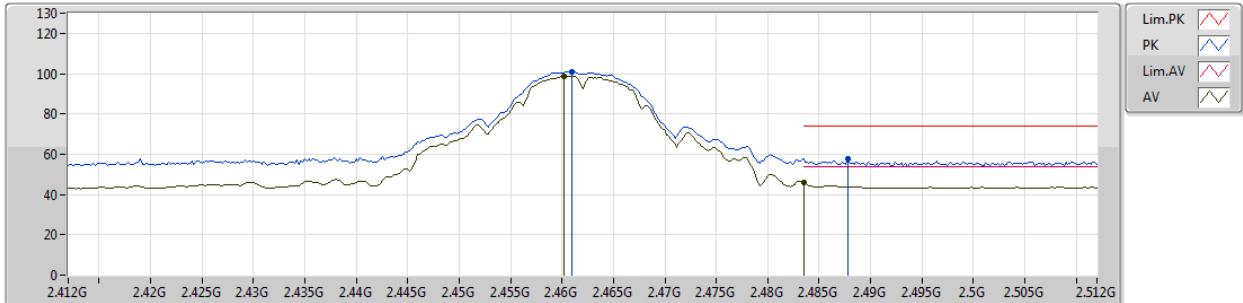


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4552G	105.40	Inf	-Inf	31.00	3	Horizontal	165	1.65	-
AV	2.4836G	48.98	54.00	-5.02	31.11	3	Horizontal	165	1.65	-
PK	2.4542G	107.60	Inf	-Inf	31.00	3	Horizontal	165	1.65	-
PK	2.4836G	58.97	74.00	-15.03	31.11	3	Horizontal	165	1.65	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

17/09/2018

2462MHz_TX

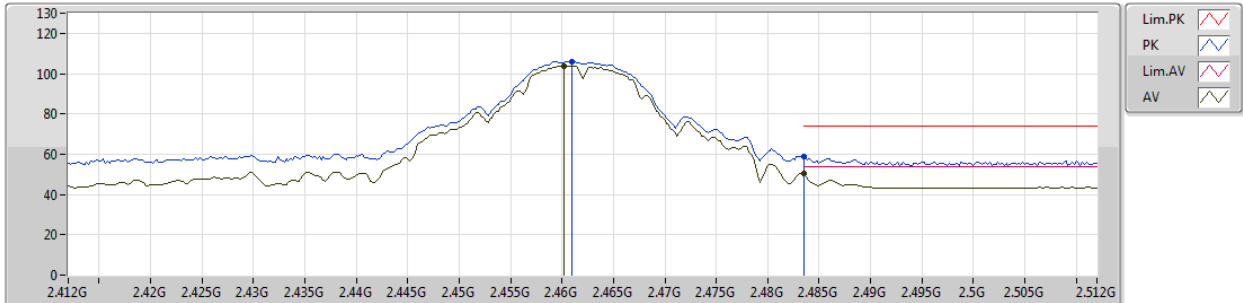


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4602G	98.64	Inf	-Inf	31.03	3	Vertical	311	2.09	-
AV	2.4835G	46.06	54.00	-7.94	31.11	3	Vertical	311	2.09	-
PK	2.461G	100.86	Inf	-Inf	31.03	3	Vertical	311	2.09	-
PK	2.4878G	57.67	74.00	-16.33	31.13	3	Vertical	311	2.09	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

17/09/2018

2462MHz_TX

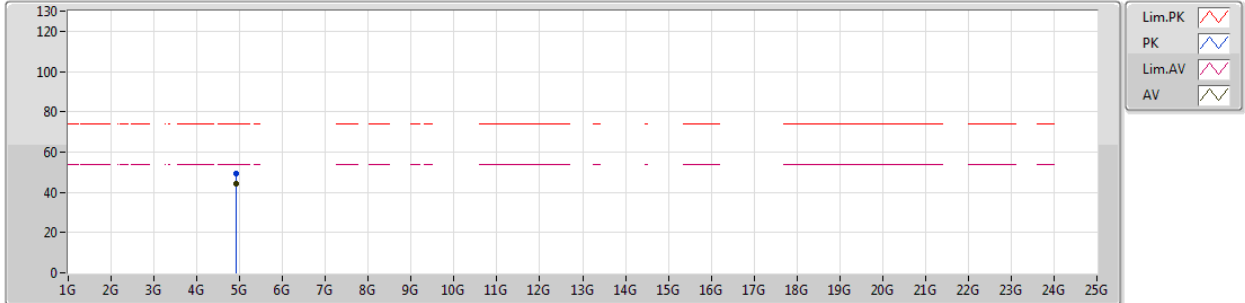


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4602G	103.84	Inf	-Inf	31.03	3	Horizontal	173	1.66	-
AV	2.4835G	50.35	54.00	-3.65	31.11	3	Horizontal	173	1.66	-
PK	2.461G	105.97	Inf	-Inf	31.03	3	Horizontal	173	1.66	-
PK	2.4835G	58.89	74.00	-15.11	31.11	3	Horizontal	173	1.66	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

18/09/2018

2462MHz_TX

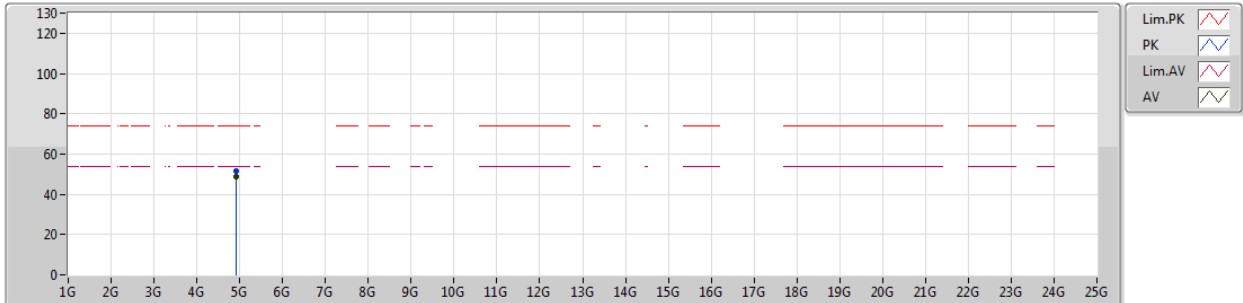


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	44.45	54.00	-9.55	2.38	3	Vertical	230	3.19	-
PK	4.92412G	49.12	74.00	-24.88	2.38	3	Vertical	230	3.19	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

18/09/2018

2462MHz_TX

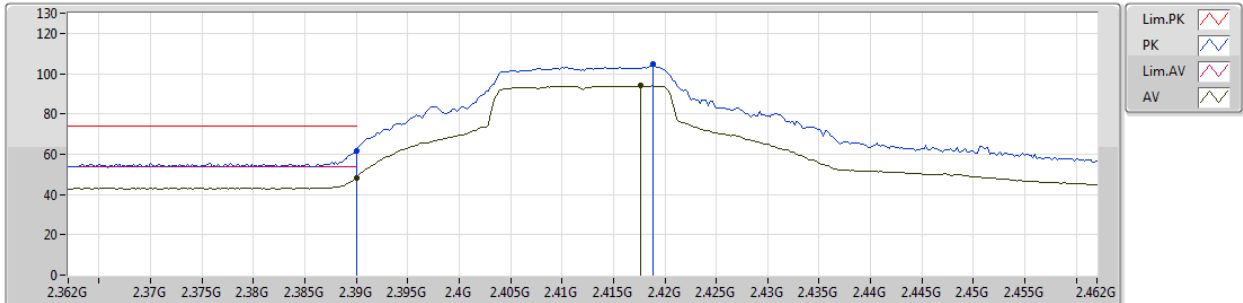


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	48.74	54.00	-5.26	2.38	3	Horizontal	192	2.33	-
PK	4.924G	51.73	74.00	-22.27	2.38	3	Horizontal	192	2.33	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

17/09/2018

2412MHz_TX

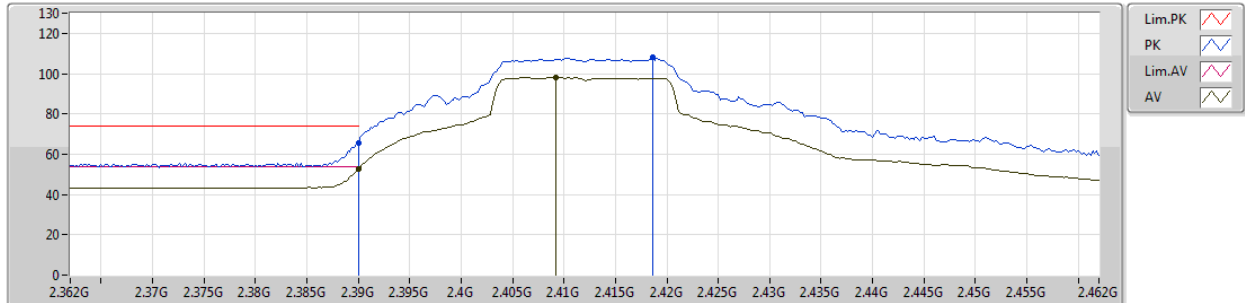


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.35	54.00	-5.65	30.77	3	Vertical	258	1.92	-
AV	2.4176G	93.91	Inf	-Inf	30.87	3	Vertical	258	1.92	-
PK	2.39G	61.50	74.00	-12.50	30.77	3	Vertical	258	1.92	-
PK	2.4188G	104.69	Inf	-Inf	30.88	3	Vertical	258	1.92	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

17/09/2018

2412MHz_TX

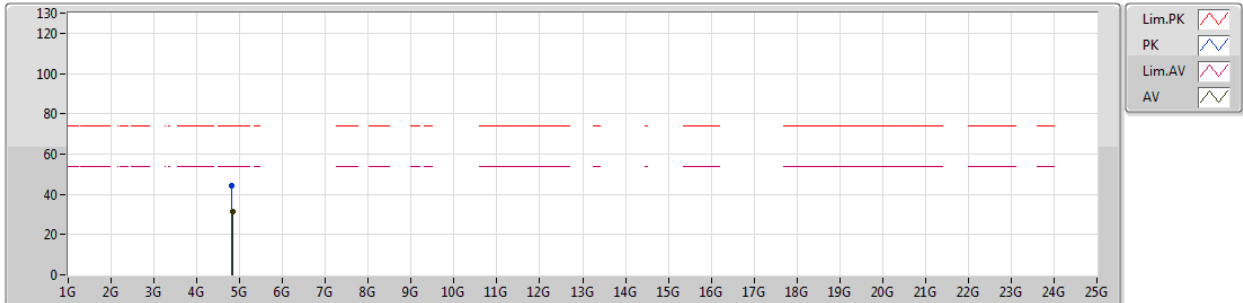


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.61	54.00	-1.39	30.77	3	Horizontal	171	1.03	-
AV	2.4092G	98.05	Inf	-Inf	30.85	3	Horizontal	171	1.03	-
PK	2.39G	65.32	74.00	-8.68	30.77	3	Horizontal	171	1.03	-
PK	2.4186G	108.16	Inf	-Inf	30.87	3	Horizontal	171	1.03	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2412MHz_TX

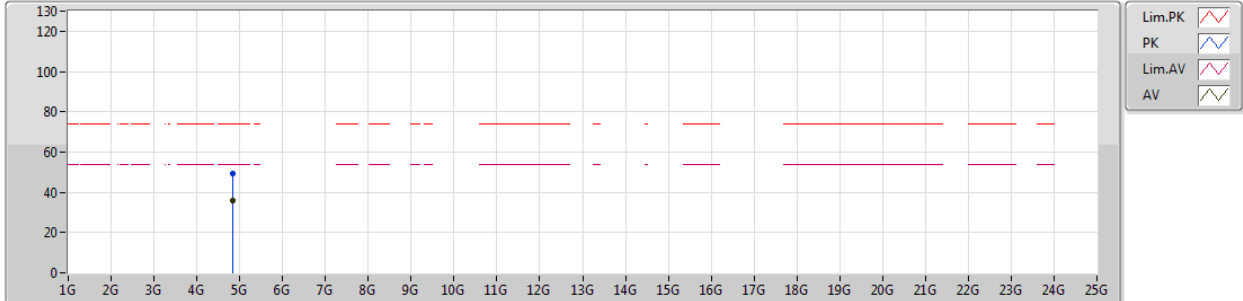


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.83126G	31.56	54.00	-22.44	2.15	3	Vertical	233	2.45	-
PK	4.81146G	44.19	74.00	-29.81	2.10	3	Vertical	233	2.45	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2412MHz_TX

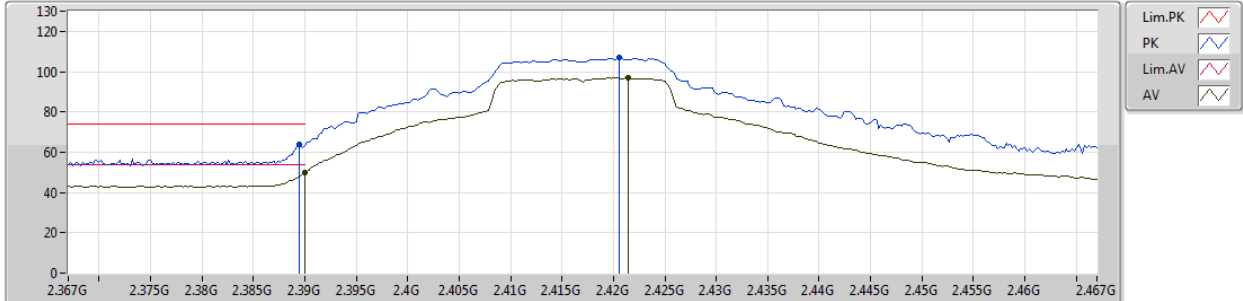


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82634G	35.98	54.00	-18.02	2.14	3	Horizontal	164	2.44	-
PK	4.82964G	49.41	74.00	-24.59	2.15	3	Horizontal	164	2.44	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2417MHz_TX

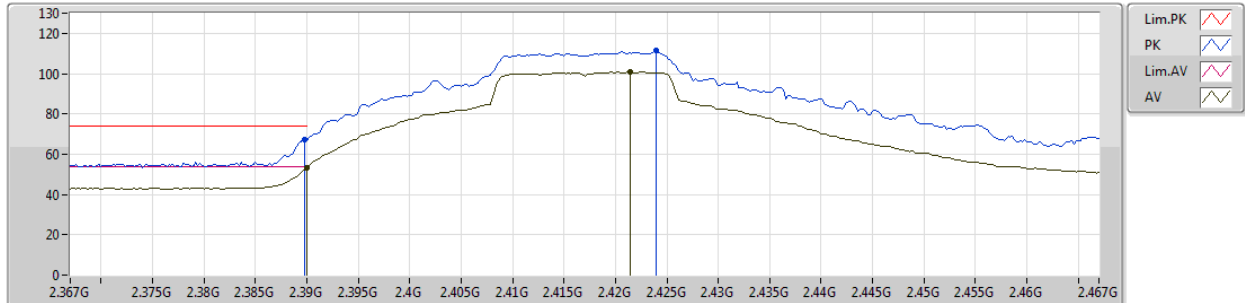


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	50.01	54.00	-3.99	30.77	3	Vertical	252	1.93	-
AV	2.4214G	96.89	Inf	-Inf	30.89	3	Vertical	252	1.93	-
PK	2.3894G	63.78	74.00	-10.22	30.77	3	Vertical	252	1.93	-
PK	2.4206G	106.86	Inf	-Inf	30.89	3	Vertical	252	1.93	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2417MHz_TX

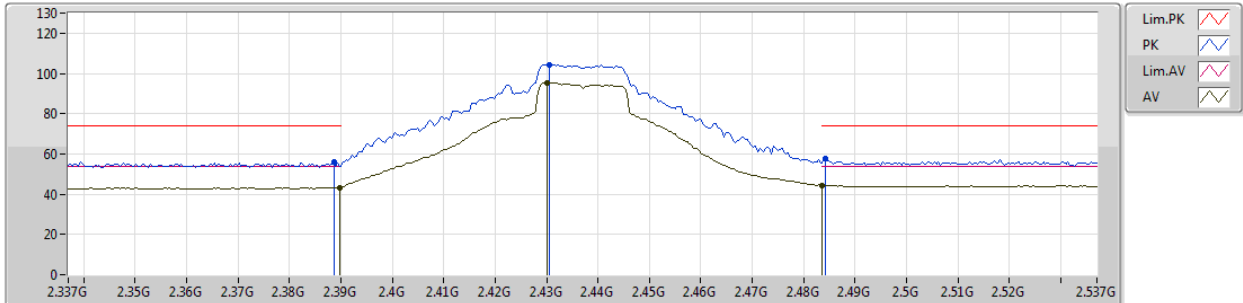


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.35	54.00	-0.65	30.77	3	Horizontal	168	1.00	-
AV	2.4214G	100.83	Inf	-Inf	30.89	3	Horizontal	168	1.00	-
PK	2.3898G	67.35	74.00	-6.65	30.77	3	Horizontal	168	1.00	-
PK	2.424G	111.39	Inf	-Inf	30.90	3	Horizontal	168	1.00	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

17/09/2018

2437MHz_TX

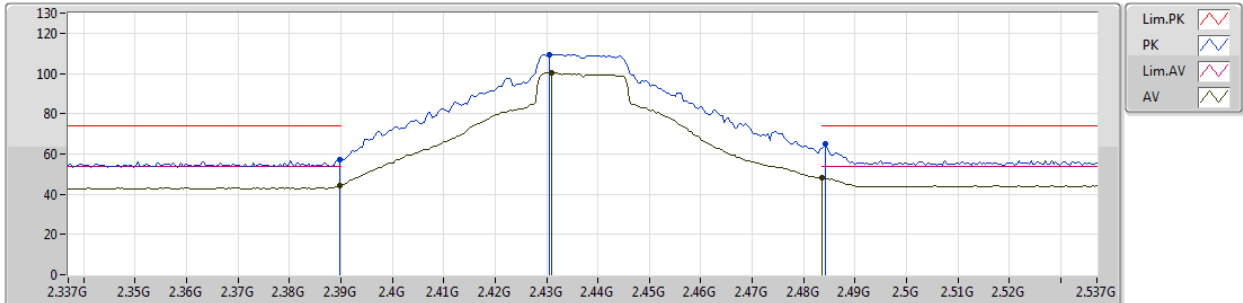


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	43.38	54.00	-10.62	30.77	3	Vertical	259	1.96	-
AV	2.4302G	95.36	Inf	-Inf	30.91	3	Vertical	259	1.96	-
AV	2.4835G	44.47	54.00	-9.53	31.11	3	Vertical	259	1.96	-
PK	2.3886G	56.12	74.00	-17.88	30.77	3	Vertical	259	1.96	-
PK	2.4306G	104.41	Inf	-Inf	30.92	3	Vertical	259	1.96	-
PK	2.4842G	57.83	74.00	-16.17	31.12	3	Vertical	259	1.96	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

17/09/2018

2437MHz_TX

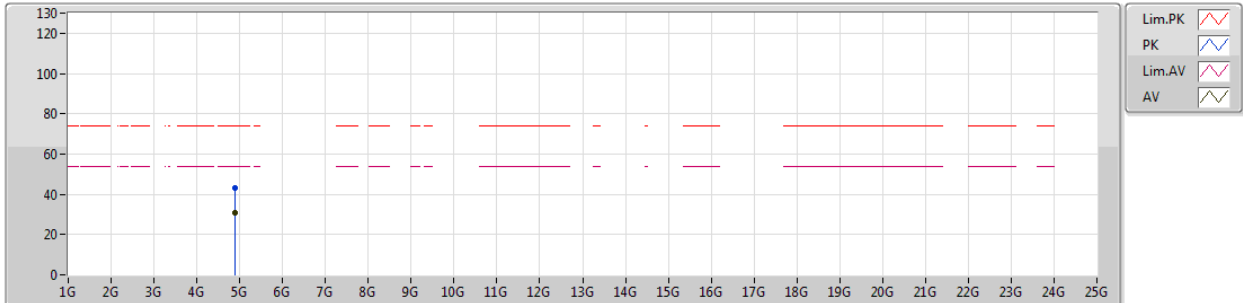


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	44.10	54.00	-9.90	30.77	3	Horizontal	173	1.47	-
AV	2.431G	100.26	Inf	-Inf	30.92	3	Horizontal	173	1.47	-
AV	2.4835G	47.94	54.00	-6.06	31.11	3	Horizontal	173	1.47	-
PK	2.3898G	56.94	74.00	-17.06	30.77	3	Horizontal	173	1.47	-
PK	2.4306G	109.49	Inf	-Inf	30.92	3	Horizontal	173	1.47	-
PK	2.4842G	65.10	74.00	-8.90	31.12	3	Horizontal	173	1.47	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2437MHz_TX

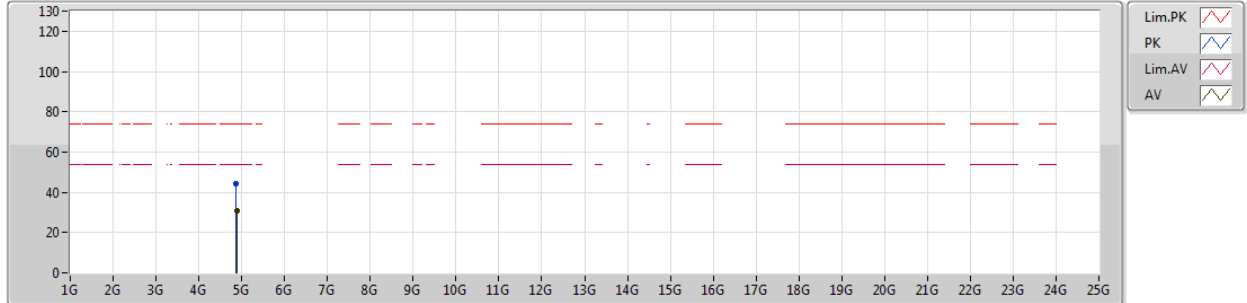


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88762G	30.91	54.00	-23.09	2.29	3	Vertical	192	1.74	-
PK	4.88684G	43.36	74.00	-30.64	2.29	3	Vertical	192	1.74	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2437MHz_TX

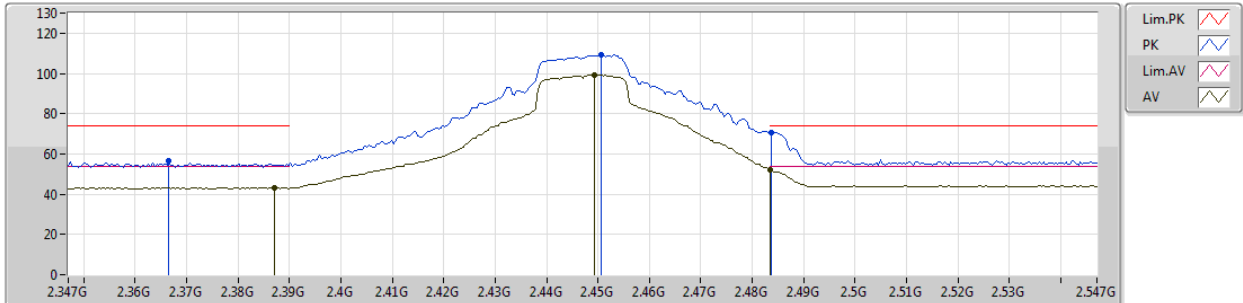


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88468G	30.87	54.00	-23.13	2.29	3	Horizontal	201	1.96	-
PK	4.8605G	44.06	74.00	-29.94	2.23	3	Horizontal	201	1.96	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2447MHz_TX

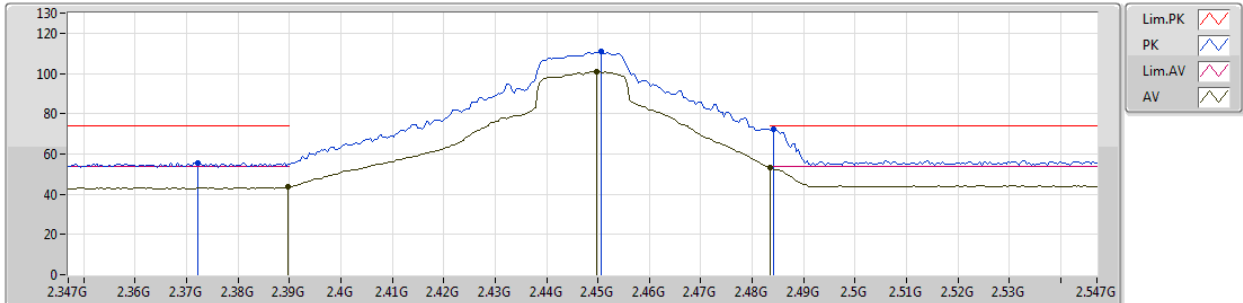


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.387G	43.15	54.00	-10.85	30.76	3	Vertical	274	3.00	-
AV	2.4494G	99.34	Inf	-Inf	30.99	3	Vertical	274	3.00	-
AV	2.4835G	52.18	54.00	-1.82	31.11	3	Vertical	274	3.00	-
PK	2.3666G	56.75	74.00	-17.25	30.70	3	Vertical	274	3.00	-
PK	2.4506G	109.45	Inf	-Inf	30.99	3	Vertical	274	3.00	-
PK	2.4838G	70.77	74.00	-3.23	31.11	3	Vertical	274	3.00	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2447MHz_TX

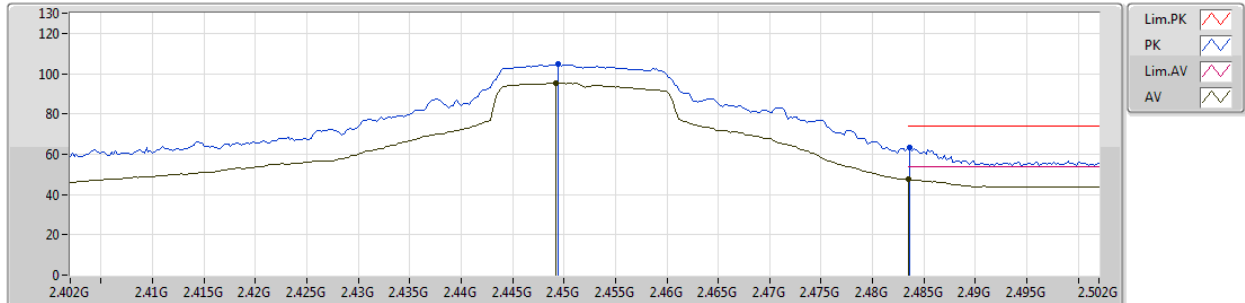


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	43.59	54.00	-10.41	30.77	3	Horizontal	163	1.64	-
AV	2.4498G	100.77	Inf	-Inf	30.99	3	Horizontal	163	1.64	-
AV	2.4835G	53.25	54.00	-0.75	31.11	3	Horizontal	163	1.64	-
PK	2.3722G	55.70	74.00	-18.30	30.71	3	Horizontal	163	1.64	-
PK	2.4506G	110.91	Inf	-Inf	30.99	3	Horizontal	163	1.64	-
PK	2.4842G	72.54	74.00	-1.46	31.12	3	Horizontal	163	1.64	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2452MHz_TX

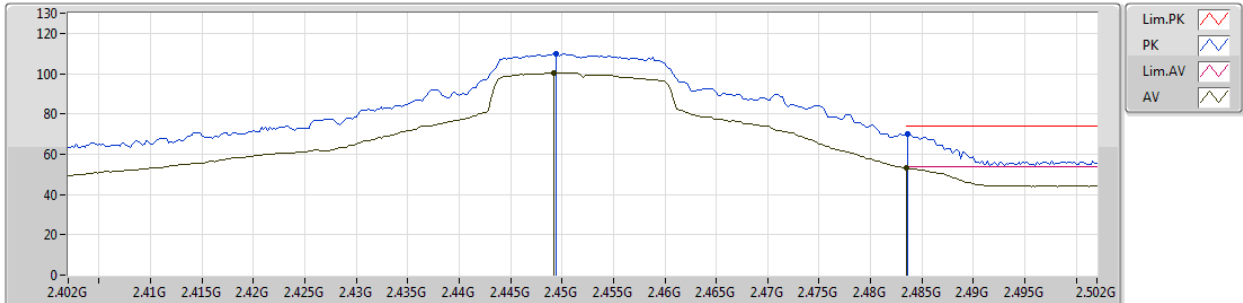


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4492G	95.40	Inf	-Inf	30.99	3	Vertical	250	2.16	-
AV	2.4835G	47.56	54.00	-6.44	31.11	3	Vertical	250	2.16	-
PK	2.4494G	104.51	Inf	-Inf	30.99	3	Vertical	250	2.16	-
PK	2.4836G	63.12	74.00	-10.88	31.11	3	Vertical	250	2.16	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2452MHz_TX

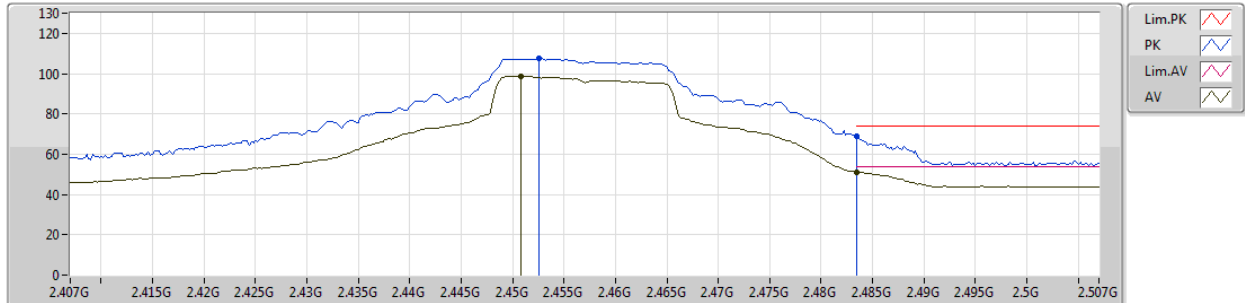


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4492G	100.52	Inf	-Inf	30.99	3	Horizontal	164	1.22	-
AV	2.4835G	53.03	54.00	-0.97	31.11	3	Horizontal	164	1.22	-
PK	2.4494G	109.67	Inf	-Inf	30.99	3	Horizontal	164	1.22	-
PK	2.4836G	70.22	74.00	-3.78	31.11	3	Horizontal	164	1.22	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2457MHz_TX

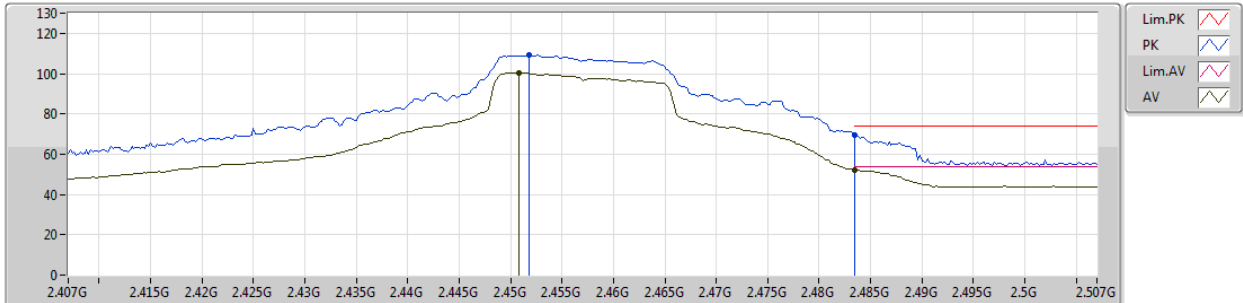


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4508G	98.89	Inf	-Inf	30.99	3	Vertical	276	3.00	-
AV	2.4835G	51.26	54.00	-2.74	31.11	3	Vertical	276	3.00	-
PK	2.4526G	107.55	Inf	-Inf	31.00	3	Vertical	276	3.00	-
PK	2.4835G	68.79	74.00	-5.21	31.11	3	Vertical	276	3.00	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2457MHz_TX

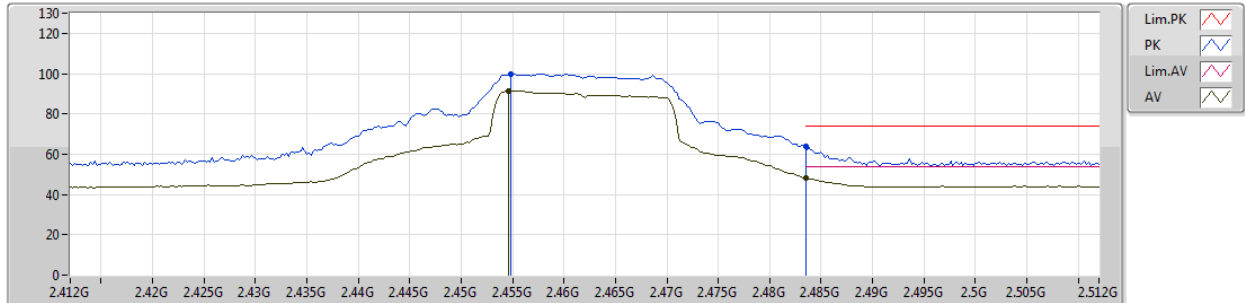


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4508G	100.36	Inf	-Inf	30.99	3	Horizontal	165	1.64	-
AV	2.4835G	52.31	54.00	-1.69	31.11	3	Horizontal	165	1.64	-
PK	2.4518G	109.14	Inf	-Inf	31.00	3	Horizontal	165	1.64	-
PK	2.4835G	69.69	74.00	-4.31	31.11	3	Horizontal	165	1.64	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

17/09/2018

2462MHz_TX

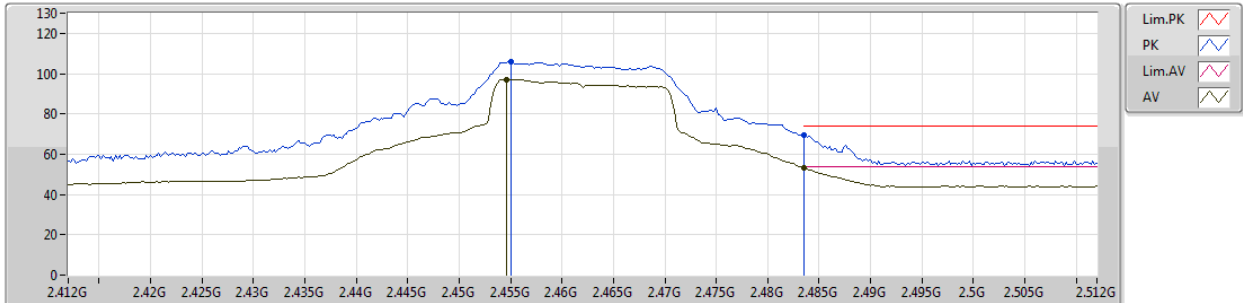


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4546G	91.27	Inf	-Inf	31.00	3	Vertical	312	2.72	-
AV	2.4835G	48.38	54.00	-5.62	31.11	3	Vertical	312	2.72	-
PK	2.4548G	99.90	Inf	-Inf	31.00	3	Vertical	312	2.72	-
PK	2.4835G	64.02	74.00	-9.98	31.11	3	Vertical	312	2.72	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

17/09/2018

2462MHz_TX

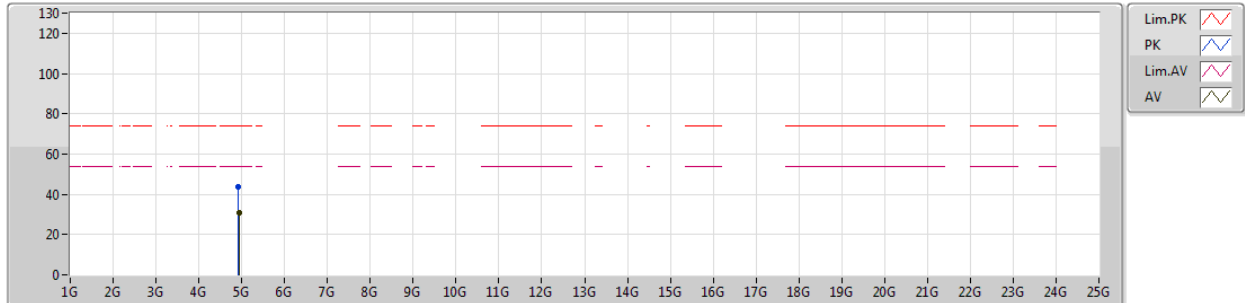


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4546G	97.09	Inf	-Inf	31.00	3	Horizontal	171	1.65	-
AV	2.4835G	53.21	54.00	-0.79	31.11	3	Horizontal	171	1.65	-
PK	2.455G	105.71	Inf	-Inf	31.00	3	Horizontal	171	1.65	-
PK	2.4835G	69.57	74.00	-4.43	31.11	3	Horizontal	171	1.65	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2462MHz_TX

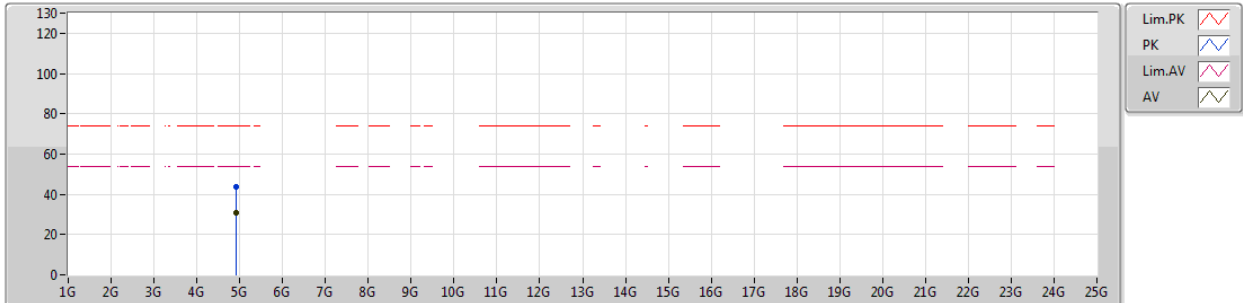


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93714G	30.93	54.00	-23.07	2.42	3	Vertical	184	2.11	-
PK	4.9285G	43.72	74.00	-30.28	2.40	3	Vertical	184	2.11	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

18/09/2018

2462MHz_TX

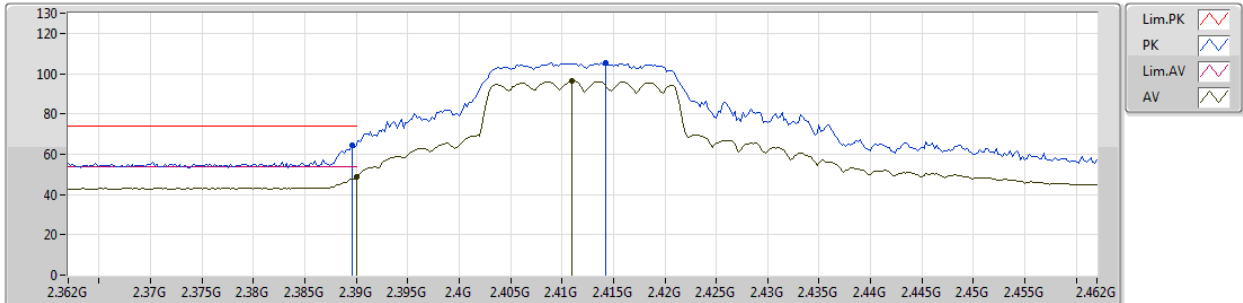


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9279G	30.89	54.00	-23.11	2.39	3	Horizontal	146	2.17	-
PK	4.92898G	43.71	74.00	-30.29	2.40	3	Horizontal	146	2.17	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2412MHz_TX

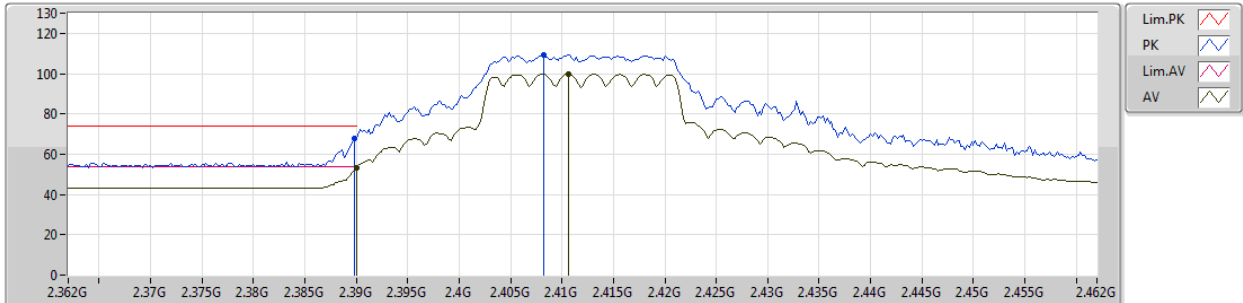


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.66	54.00	-5.34	30.77	3	Vertical	242	2.05	-
AV	2.411G	96.17	Inf	-Inf	30.85	3	Vertical	242	2.05	-
PK	2.3896G	64.52	74.00	-9.48	30.77	3	Vertical	242	2.05	-
PK	2.4142G	105.33	Inf	-Inf	30.86	3	Vertical	242	2.05	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2412MHz_TX

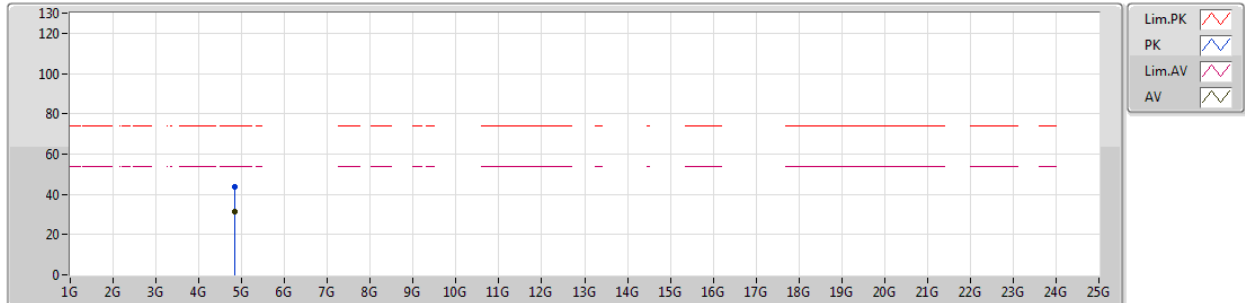


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.24	54.00	-0.76	30.77	3	Horizontal	160	1.05	-
AV	2.4106G	99.77	Inf	-Inf	30.85	3	Horizontal	160	1.05	-
PK	2.3898G	67.99	74.00	-6.01	30.77	3	Horizontal	160	1.05	-
PK	2.4082G	109.48	Inf	-Inf	30.84	3	Horizontal	160	1.05	-

802.11n HT20_Nss1,(MCS0)_2TX

18/09/2018

2412MHz_TX

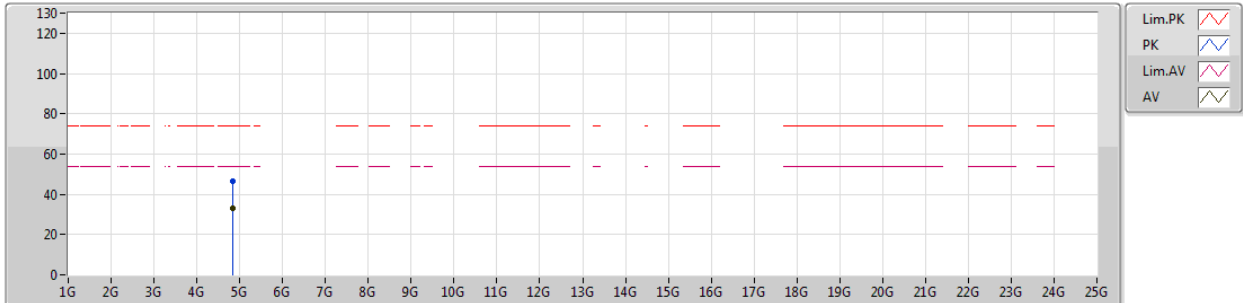


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.82994G	31.18	54.00	-22.82	2.15	3	Vertical	266	2.22	-							
PK	4.83342G	43.76	74.00	-30.24	2.15	3	Vertical	266	2.22	-							

802.11n HT20_Nss1,(MCS0)_2TX

18/09/2018

2412MHz_TX

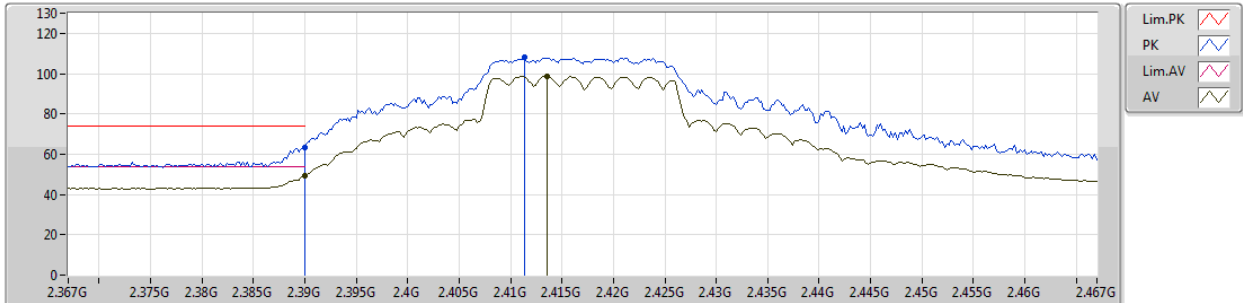


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.83162G	32.92	54.00	-21.08	2.15	3	Horizontal	191	2.37	-
PK	4.82994G	46.71	74.00	-27.29	2.15	3	Horizontal	191	2.37	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2417MHz_TX

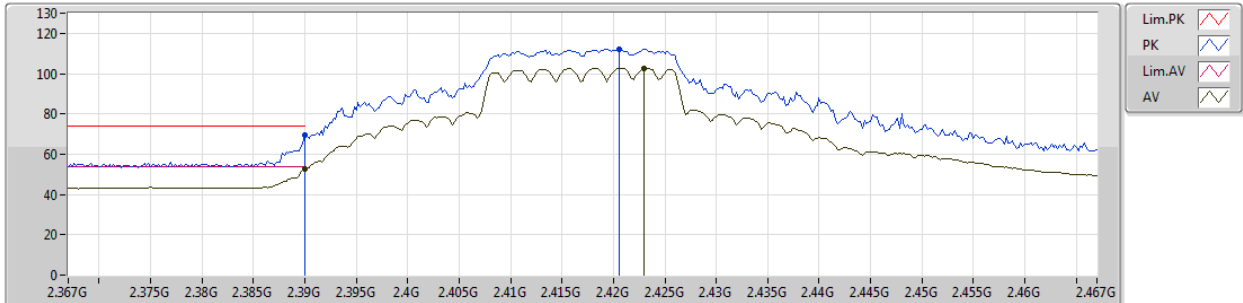


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	49.33	54.00	-4.67	30.77	3	Vertical	236	2.06	-
AV	2.4136G	98.62	Inf	-Inf	30.86	3	Vertical	236	2.06	-
PK	2.39G	63.58	74.00	-10.42	30.77	3	Vertical	236	2.06	-
PK	2.4114G	107.95	Inf	-Inf	30.85	3	Vertical	236	2.06	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2417MHz_TX

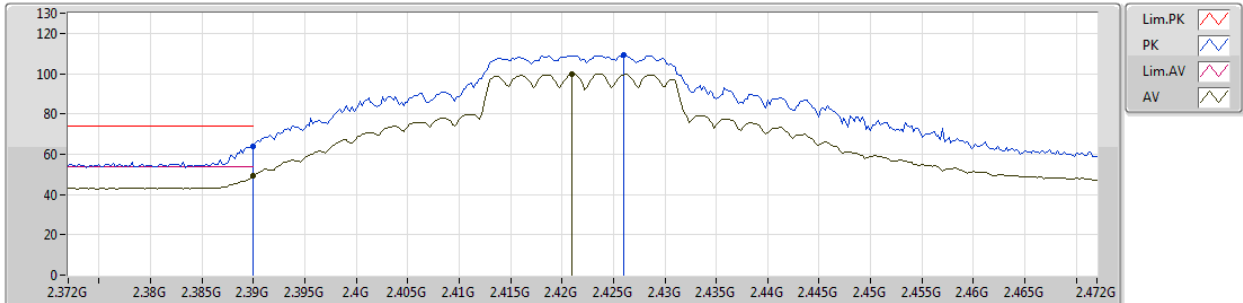


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.57	54.00	-1.43	30.77	3	Horizontal	157	1.25	-
AV	2.423G	102.74	Inf	-Inf	30.89	3	Horizontal	157	1.25	-
PK	2.39G	69.56	74.00	-4.44	30.77	3	Horizontal	157	1.25	-
PK	2.4206G	112.31	Inf	-Inf	30.89	3	Horizontal	157	1.25	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2422MHz_TX

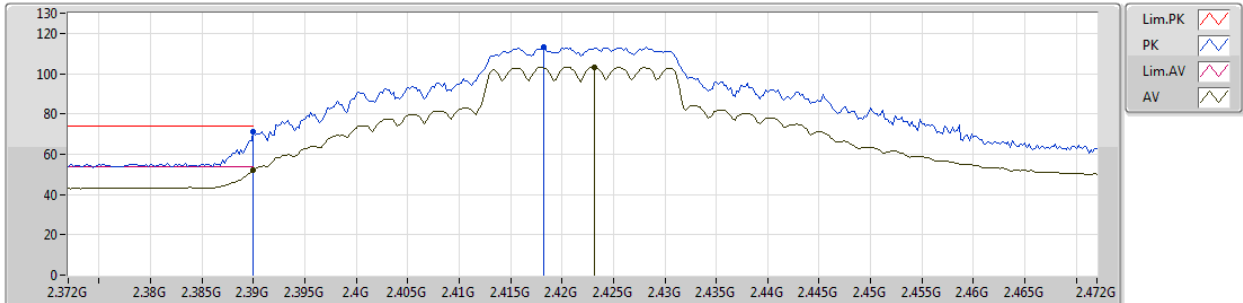


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	49.25	54.00	-4.75	30.77	3	Vertical	238	2.08	-
AV	2.421G	99.70	Inf	-Inf	30.89	3	Vertical	238	2.08	-
PK	2.39G	63.75	74.00	-10.25	30.77	3	Vertical	238	2.08	-
PK	2.426G	109.35	Inf	-Inf	30.90	3	Vertical	238	2.08	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2422MHz_TX

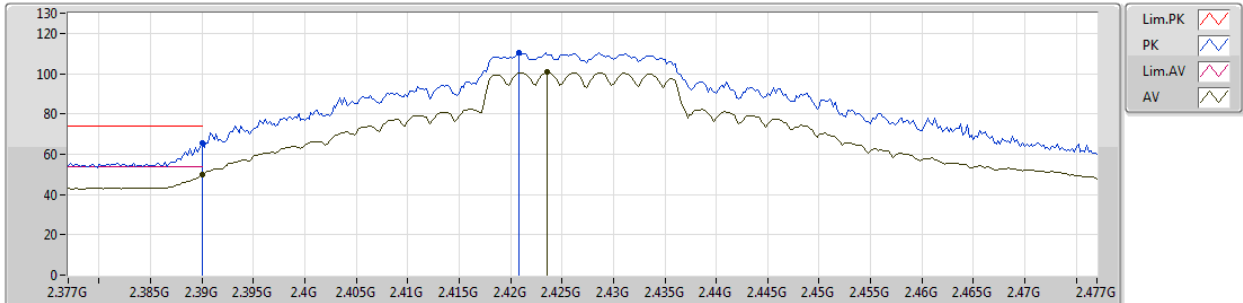


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.02	54.00	-1.98	30.77	3	Horizontal	155	1.01	-
AV	2.4232G	103.30	Inf	-Inf	30.89	3	Horizontal	155	1.01	-
PK	2.39G	71.28	74.00	-2.72	30.77	3	Horizontal	155	1.01	-
PK	2.4182G	112.92	Inf	-Inf	30.87	3	Horizontal	155	1.01	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2427MHz_TX

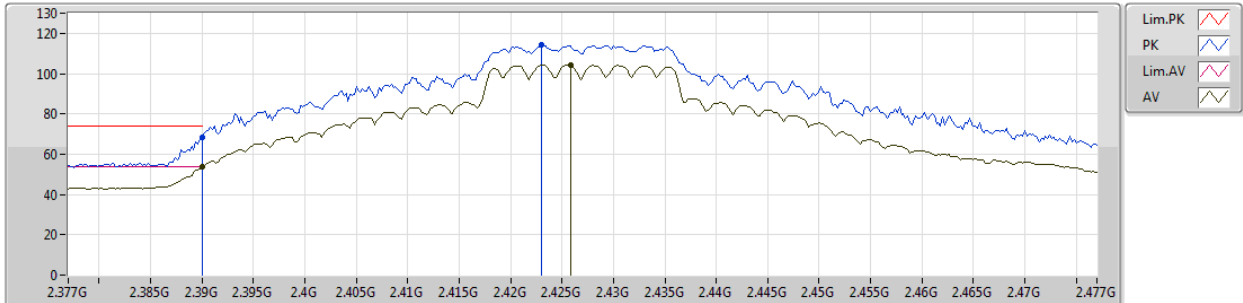


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	49.86	54.00	-4.14	30.77	3	Vertical	237	2.07	-
AV	2.4236G	100.60	Inf	-Inf	30.90	3	Vertical	237	2.07	-
PK	2.39G	65.43	74.00	-8.57	30.77	3	Vertical	237	2.07	-
PK	2.4208G	110.19	Inf	-Inf	30.89	3	Vertical	237	2.07	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2427MHz_TX

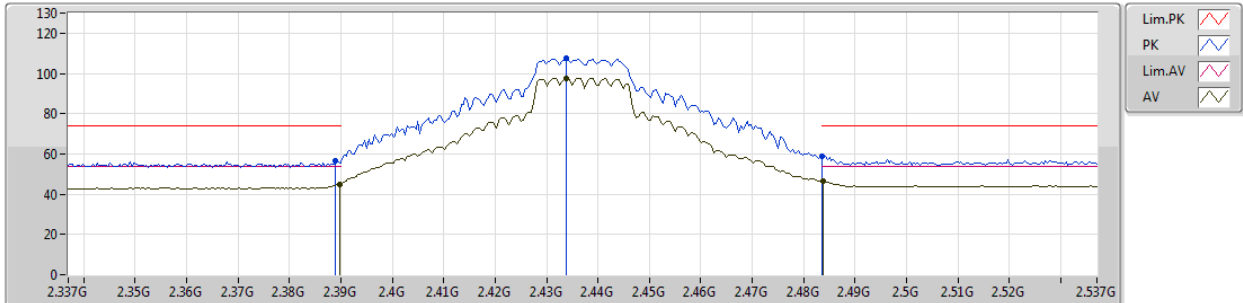


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.74	54.00	-0.26	30.77	3	Horizontal	157	1.28	-
AV	2.4258G	104.23	Inf	-Inf	30.90	3	Horizontal	157	1.28	-
PK	2.39G	68.11	74.00	-5.89	30.77	3	Horizontal	157	1.28	-
PK	2.423G	114.12	Inf	-Inf	30.89	3	Horizontal	157	1.28	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2437MHz_TX

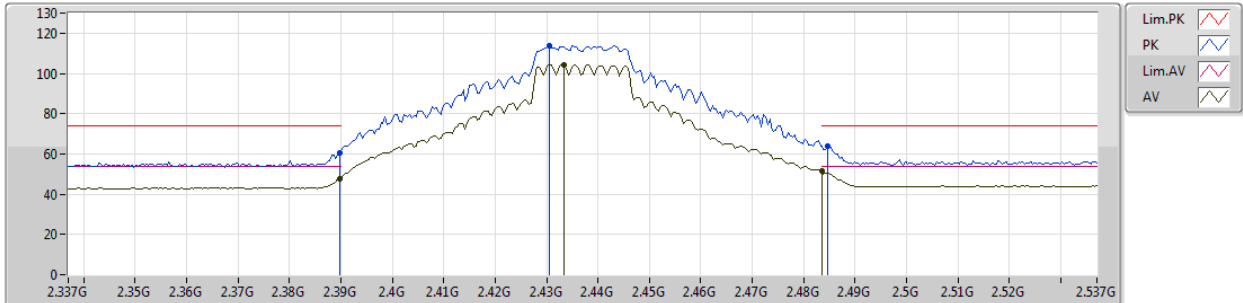


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.08	54.00	-8.92	30.77	3	Vertical	235	1.50	-
AV	2.4338G	97.76	Inf	-Inf	30.93	3	Vertical	235	1.50	-
AV	2.4838G	46.65	54.00	-7.35	31.11	3	Vertical	235	1.50	-
PK	2.389G	56.73	74.00	-17.27	30.77	3	Vertical	235	1.50	-
PK	2.4338G	107.38	Inf	-Inf	30.93	3	Vertical	235	1.50	-
PK	2.4835G	59.10	74.00	-14.90	31.11	3	Vertical	235	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2437MHz_TX

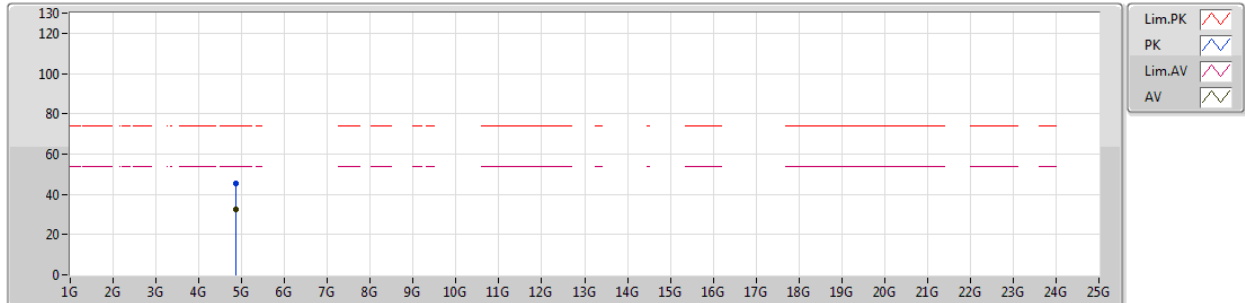


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.72	54.00	-6.28	30.77	3	Horizontal	159	1.48	-
AV	2.4334G	104.25	Inf	-Inf	30.93	3	Horizontal	159	1.48	-
AV	2.4835G	51.79	54.00	-2.21	31.11	3	Horizontal	159	1.48	-
PK	2.3898G	60.51	74.00	-13.49	30.77	3	Horizontal	159	1.48	-
PK	2.4306G	114.01	Inf	-Inf	30.92	3	Horizontal	159	1.48	-
PK	2.4846G	63.99	74.00	-10.01	31.12	3	Horizontal	159	1.48	-

802.11n HT20_Nss1,(MCS0)_2TX

18/09/2018

2437MHz_TX

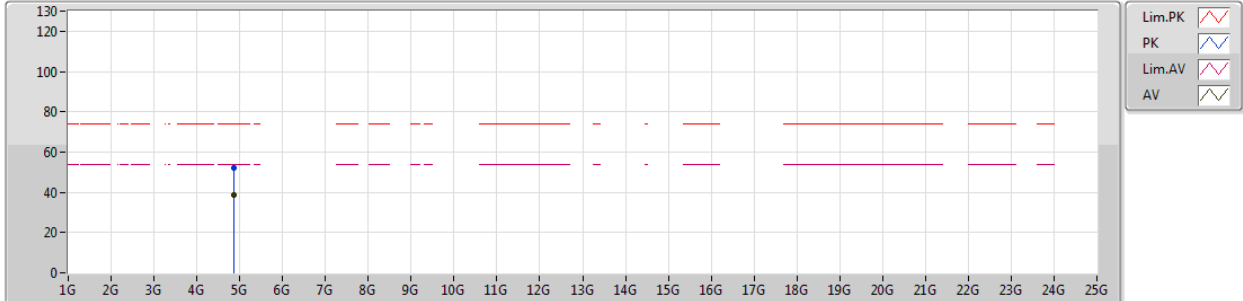


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8752G	32.76	54.00	-21.24	2.26	3	Vertical	226	1.15	-
PK	4.87268G	45.38	74.00	-28.62	2.25	3	Vertical	226	1.15	-

802.11n HT20_Nss1,(MCS0)_2TX

18/09/2018

2437MHz_TX

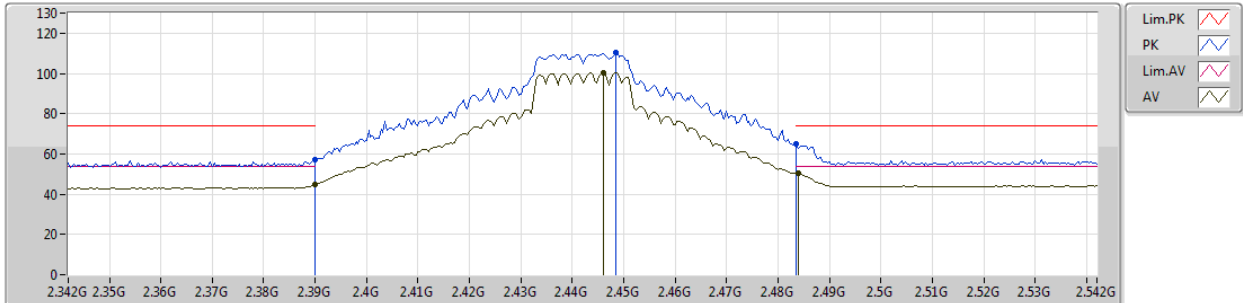


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8725G	38.47	54.00	-15.53	2.25	3	Horizontal	166	1.95	-
PK	4.87484G	52.22	74.00	-21.78	2.25	3	Horizontal	166	1.95	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2442MHz_TX

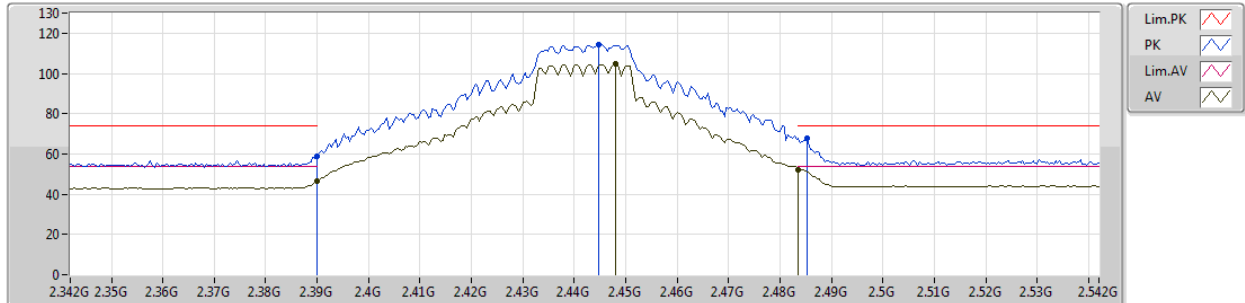


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	44.86	54.00	-9.14	30.77	3	Vertical	238	2.29	-
AV	2.446G	100.28	Inf	-Inf	30.98	3	Vertical	238	2.29	-
AV	2.484G	50.24	54.00	-3.76	31.12	3	Vertical	238	2.29	-
PK	2.39G	57.19	74.00	-16.81	30.77	3	Vertical	238	2.29	-
PK	2.4484G	110.26	Inf	-Inf	30.99	3	Vertical	238	2.29	-
PK	2.4835G	64.94	74.00	-9.06	31.11	3	Vertical	238	2.29	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2442MHz_TX

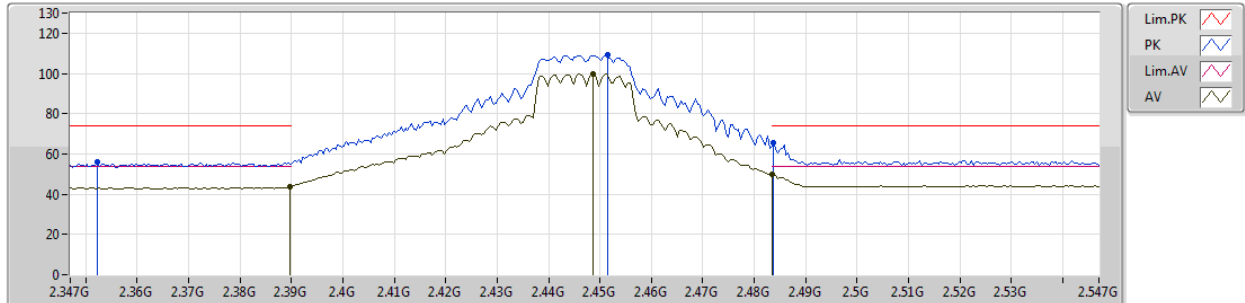


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	46.43	54.00	-7.57	30.77	3	Horizontal	157	1.67	-
AV	2.448G	104.53	Inf	-Inf	30.98	3	Horizontal	157	1.67	-
AV	2.4835G	52.21	54.00	-1.79	31.11	3	Horizontal	157	1.67	-
PK	2.39G	58.82	74.00	-15.18	30.77	3	Horizontal	157	1.67	-
PK	2.4448G	114.21	Inf	-Inf	30.98	3	Horizontal	157	1.67	-
PK	2.4852G	68.02	74.00	-5.98	31.12	3	Horizontal	157	1.67	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2447MHz_TX

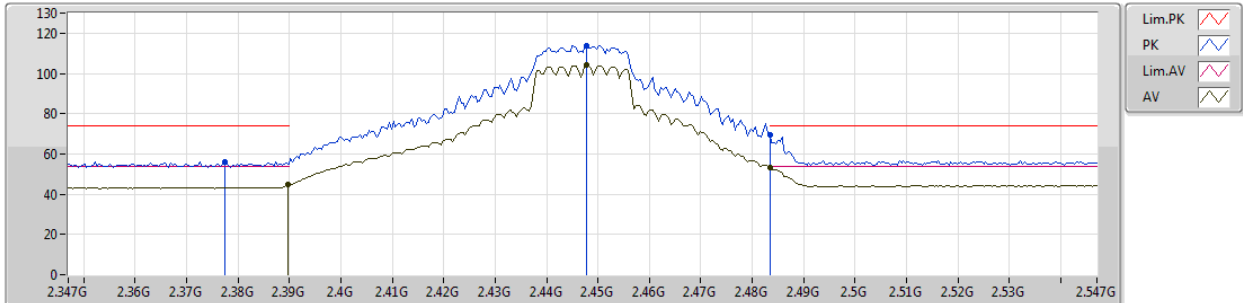


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	43.62	54.00	-10.38	30.77	3	Vertical	239	2.04	-
AV	2.4486G	99.84	Inf	-Inf	30.99	3	Vertical	239	2.04	-
AV	2.4835G	49.99	54.00	-4.01	31.11	3	Vertical	239	2.04	-
PK	2.3522G	56.22	74.00	-17.78	30.65	3	Vertical	239	2.04	-
PK	2.4514G	109.08	Inf	-Inf	30.99	3	Vertical	239	2.04	-
PK	2.4838G	65.52	74.00	-8.48	31.11	3	Vertical	239	2.04	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2447MHz_TX

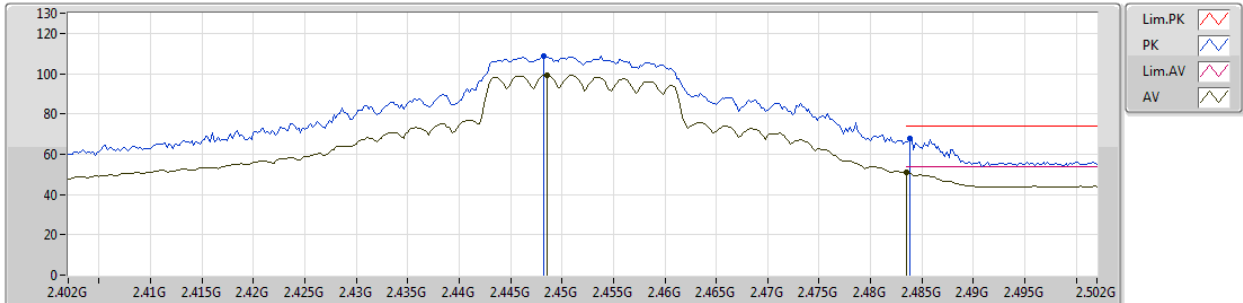


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	44.55	54.00	-9.45	30.77	3	Horizontal	159	1.67	-
AV	2.4478G	104.16	Inf	-Inf	30.98	3	Horizontal	159	1.67	-
AV	2.4835G	53.08	54.00	-0.92	31.11	3	Horizontal	159	1.67	-
PK	2.3774G	56.15	74.00	-17.85	30.73	3	Horizontal	159	1.67	-
PK	2.4478G	113.57	Inf	-Inf	30.98	3	Horizontal	159	1.67	-
PK	2.4835G	69.22	74.00	-4.78	31.11	3	Horizontal	159	1.67	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2452MHz_TX

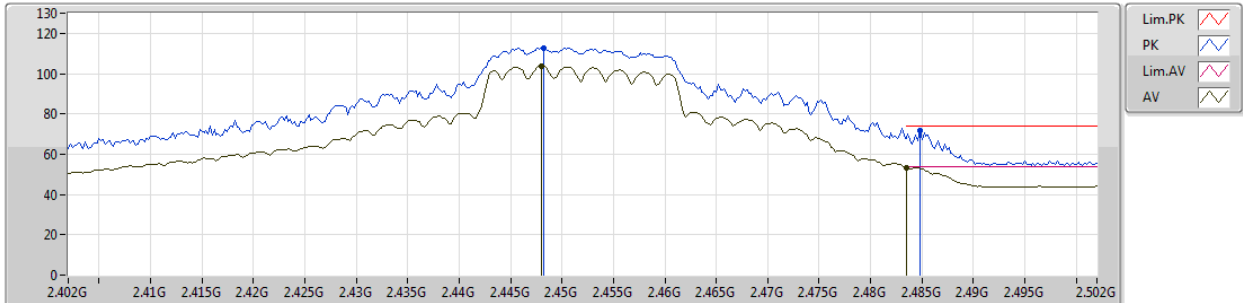


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4486G	99.33	Inf	-Inf	30.99	3	Vertical	237	2.30	-
AV	2.4835G	50.88	54.00	-3.12	31.11	3	Vertical	237	2.30	-
PK	2.4482G	108.50	Inf	-Inf	30.98	3	Vertical	237	2.30	-
PK	2.4838G	67.74	74.00	-6.26	31.11	3	Vertical	237	2.30	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2452MHz_TX

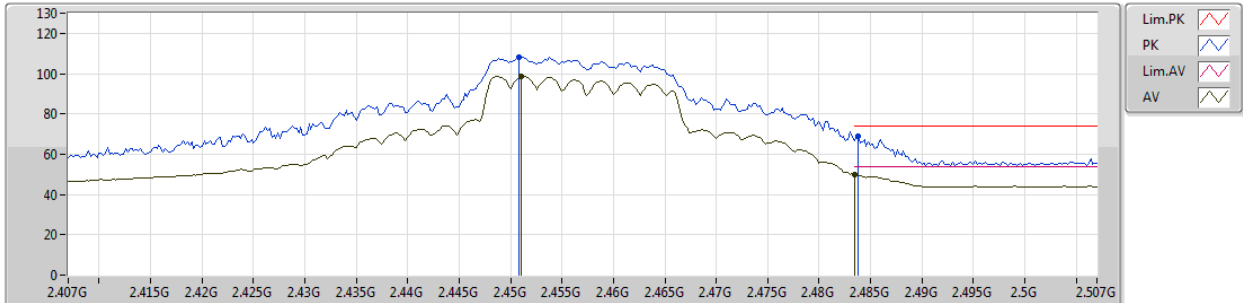


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.448G	103.64	Inf	-Inf	30.98	3	Horizontal	160	1.65	-
AV	2.4835G	53.13	54.00	-0.87	31.11	3	Horizontal	160	1.65	-
PK	2.4482G	112.89	Inf	-Inf	30.98	3	Horizontal	160	1.65	-
PK	2.4848G	71.76	74.00	-2.24	31.12	3	Horizontal	160	1.65	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2457MHz_TX

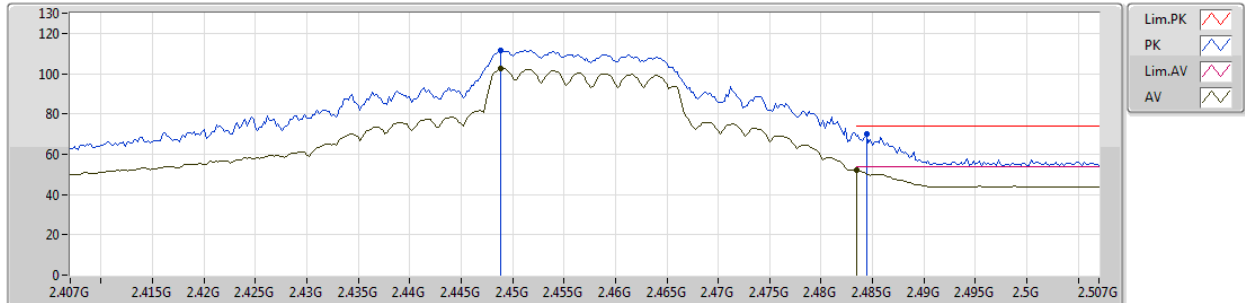


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.451G	98.61	Inf	-Inf	30.99	3	Vertical	243	1.89	-
AV	2.4835G	49.91	54.00	-4.09	31.11	3	Vertical	243	1.89	-
PK	2.4508G	108.11	Inf	-Inf	30.99	3	Vertical	243	1.89	-
PK	2.4838G	69.02	74.00	-4.98	31.11	3	Vertical	243	1.89	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2457MHz_TX

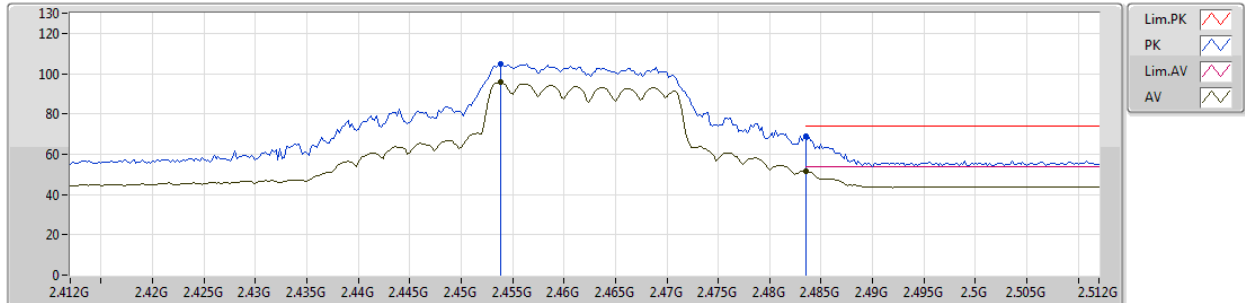


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4488G	102.57	Inf	-Inf	30.99	3	Horizontal	179	1.01	-
AV	2.4835G	52.06	54.00	-1.94	31.11	3	Horizontal	179	1.01	-
PK	2.4488G	111.56	Inf	-Inf	30.99	3	Horizontal	179	1.01	-
PK	2.4844G	70.08	74.00	-3.92	31.12	3	Horizontal	179	1.01	-

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2462MHz_TX

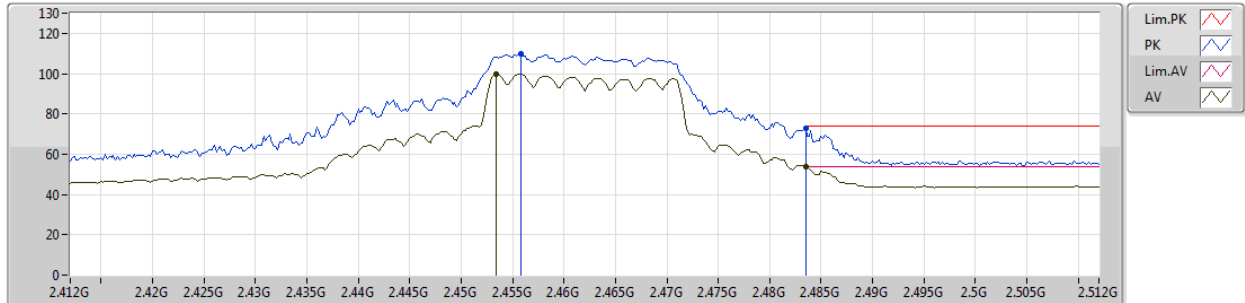


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.4538G	95.60	Inf	-Inf	31.00	3	Vertical	240	2.06	-								
AV	2.4835G	51.67	54.00	-2.33	31.11	3	Vertical	240	2.06	-								
PK	2.4538G	104.93	Inf	-Inf	31.00	3	Vertical	240	2.06	-								
PK	2.4835G	68.98	74.00	-5.02	31.11	3	Vertical	240	2.06	-								

802.11n HT20_Nss1,(MCS0)_2TX

17/09/2018

2462MHz_TX

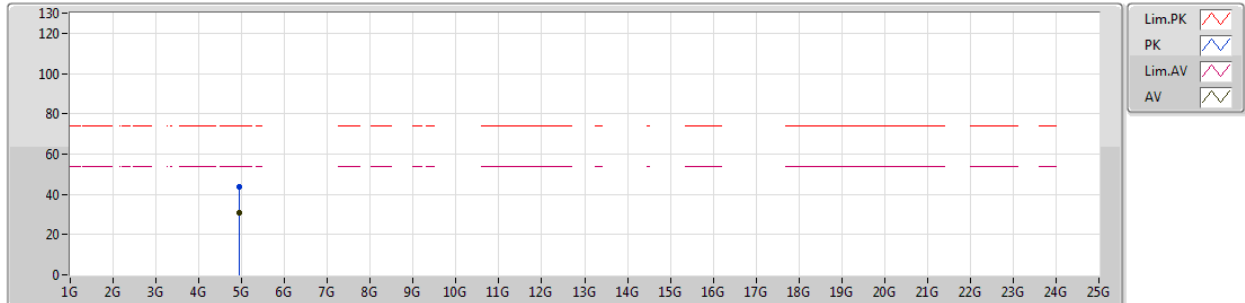


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4534G	99.58	Inf	-Inf	31.00	3	Horizontal	222	2.36	-
AV	2.4835G	53.84	54.00	-0.16	31.11	3	Horizontal	222	2.36	-
PK	2.4558G	109.70	Inf	-Inf	31.01	3	Horizontal	222	2.36	-
PK	2.4835G	72.71	74.00	-1.29	31.11	3	Horizontal	222	2.36	-

802.11n HT20_Nss1,(MCS0)_2TX

18/09/2018

2462MHz_TX

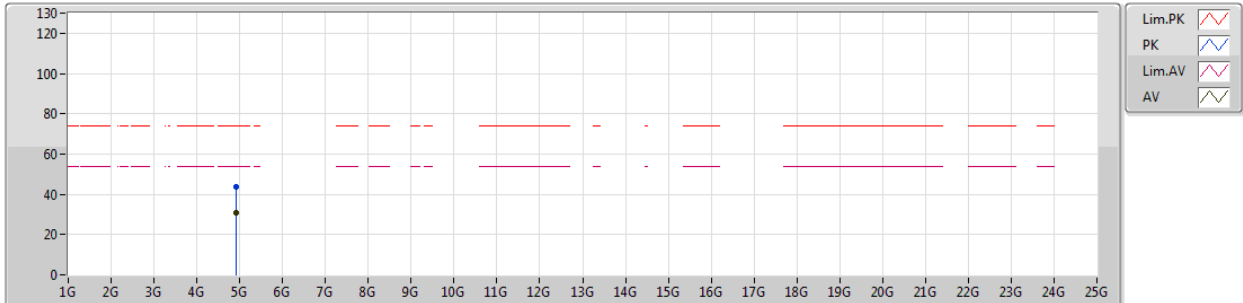


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9309G	30.95	54.00	-23.05	2.40	3	Vertical	228	1.49	-
PK	4.93738G	43.66	74.00	-30.34	2.42	3	Vertical	228	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

18/09/2018

2462MHz_TX

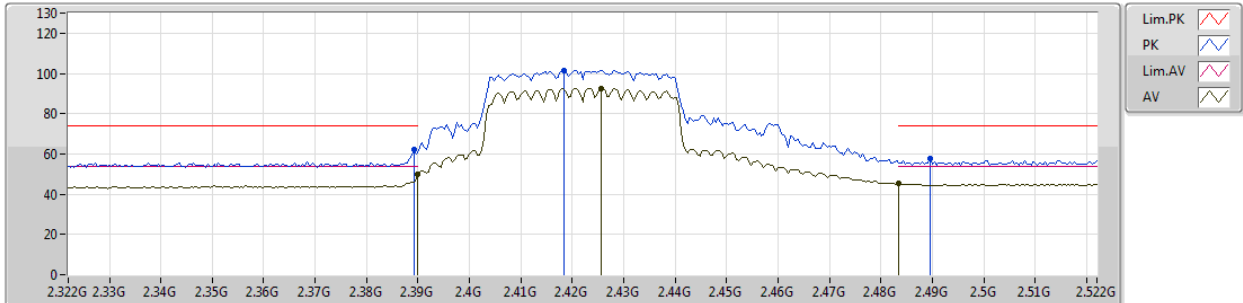


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9285G	30.77	54.00	-23.23	2.40	3	Horizontal	101	1.50	-
PK	4.92652G	43.79	74.00	-30.21	2.39	3	Horizontal	101	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2422MHz_TX

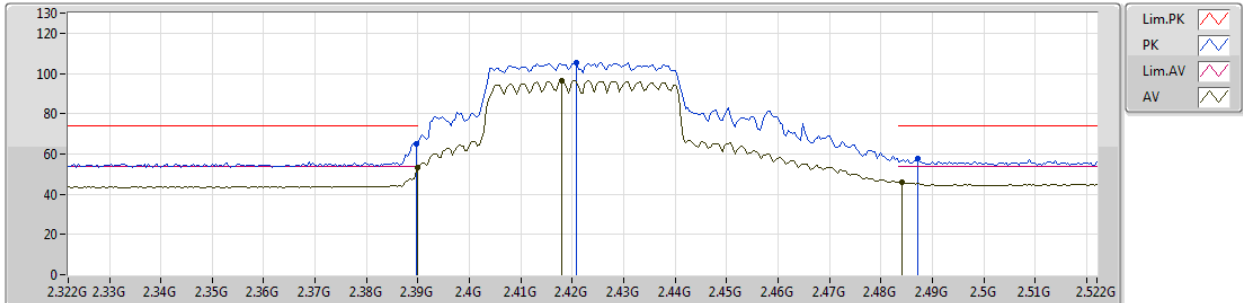


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	49.61	54.00	-4.39	30.77	3	Vertical	236	2.95	-
AV	2.4256G	92.54	Inf	-Inf	30.90	3	Vertical	236	2.95	-
AV	2.4835G	45.27	54.00	-8.73	31.11	3	Vertical	236	2.95	-
PK	2.3892G	62.05	74.00	-11.95	30.77	3	Vertical	236	2.95	-
PK	2.4184G	101.52	Inf	-Inf	30.87	3	Vertical	236	2.95	-
PK	2.4896G	57.93	74.00	-16.07	31.13	3	Vertical	236	2.95	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2422MHz_TX

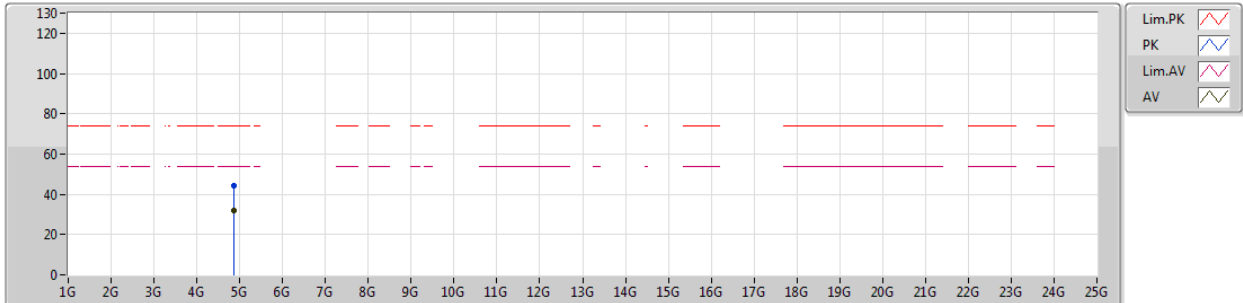


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.31	54.00	-0.69	30.77	3	Horizontal	157	1.23	-
AV	2.418G	96.37	Inf	-Inf	30.87	3	Horizontal	157	1.23	-
AV	2.484G	46.01	54.00	-7.99	31.12	3	Horizontal	157	1.23	-
PK	2.3896G	65.23	74.00	-8.77	30.77	3	Horizontal	157	1.23	-
PK	2.4208G	105.19	Inf	-Inf	30.89	3	Horizontal	157	1.23	-
PK	2.4872G	57.81	74.00	-16.19	31.12	3	Horizontal	157	1.23	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2422MHz_TX

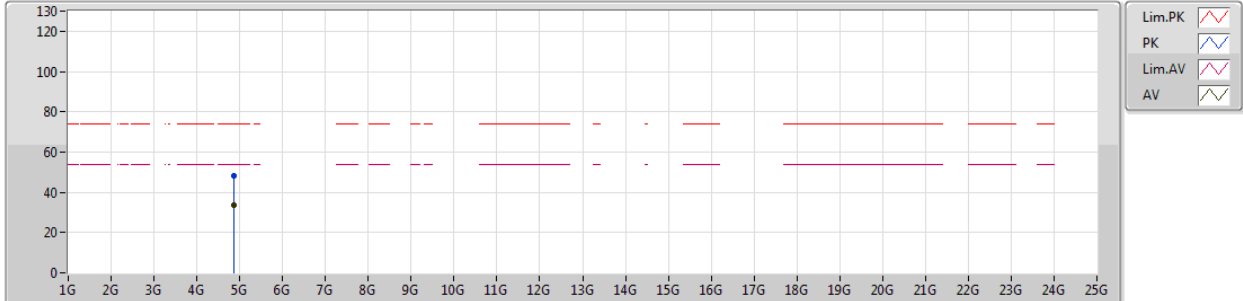


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.85348G	31.97	54.00	-22.03	2.21	3	Vertical	1	2.25	-								
PK	4.85816G	43.99	74.00	-30.01	2.21	3	Vertical	1	2.25	-								

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2422MHz_TX

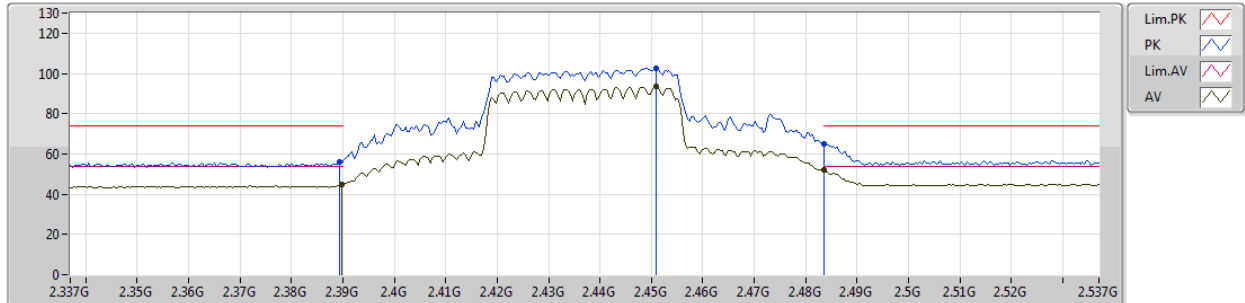


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	4.85774G	33.80	54.00	-20.20	2.21	3	Horizontal	168	2.12	-							
PK	4.85792G	48.02	74.00	-25.98	2.21	3	Horizontal	168	2.12	-							

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2437MHz_TX

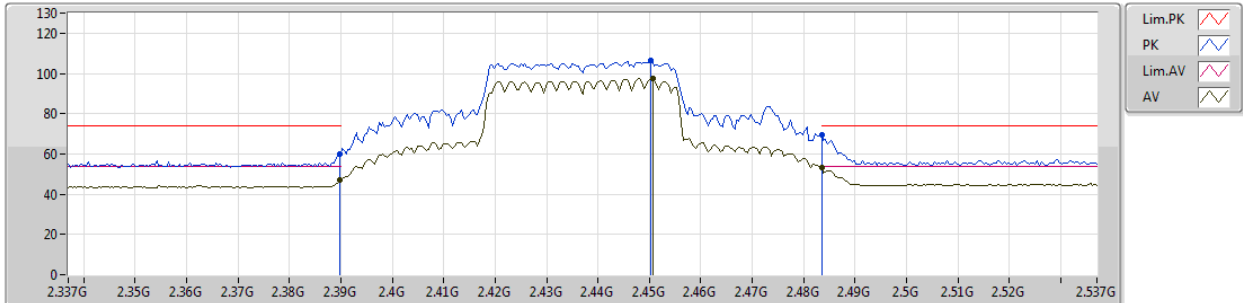


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	44.61	54.00	-9.39	30.77	3	Vertical	242	2.90	-
AV	2.451G	93.61	Inf	-Inf	30.99	3	Vertical	242	2.90	-
AV	2.4835G	52.05	54.00	-1.95	31.11	3	Vertical	242	2.90	-
PK	2.3894G	56.03	74.00	-17.97	30.77	3	Vertical	242	2.90	-
PK	2.451G	102.35	Inf	-Inf	30.99	3	Vertical	242	2.90	-
PK	2.4835G	65.28	74.00	-8.72	31.11	3	Vertical	242	2.90	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2437MHz_TX

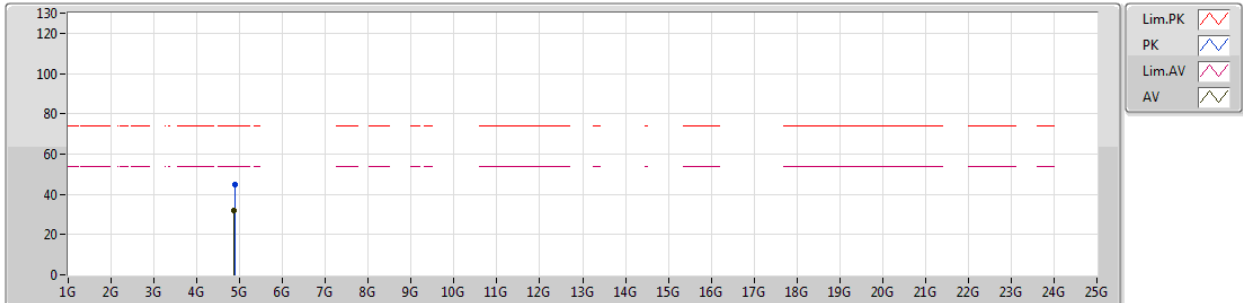


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.80	54.00	-7.20	30.77	3	Horizontal	159	1.64	-
AV	2.4506G	97.32	Inf	-Inf	30.99	3	Horizontal	159	1.64	-
AV	2.4835G	53.13	54.00	-0.87	31.11	3	Horizontal	159	1.64	-
PK	2.3898G	59.79	74.00	-14.21	30.77	3	Horizontal	159	1.64	-
PK	2.4502G	106.27	Inf	-Inf	30.99	3	Horizontal	159	1.64	-
PK	2.4835G	69.26	74.00	-4.74	31.11	3	Horizontal	159	1.64	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2437MHz_TX

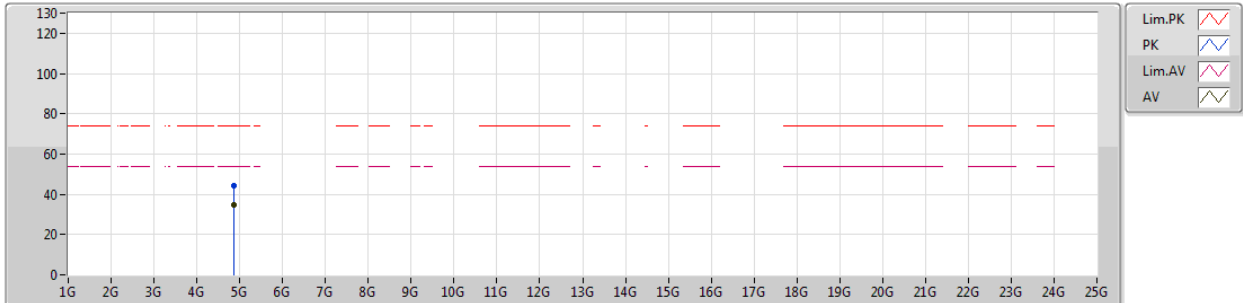


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8758G	32.04	54.00	-21.96	2.26	3	Vertical	154	1.99	-
PK	4.88252G	44.84	74.00	-29.16	2.27	3	Vertical	154	1.99	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2437MHz_TX

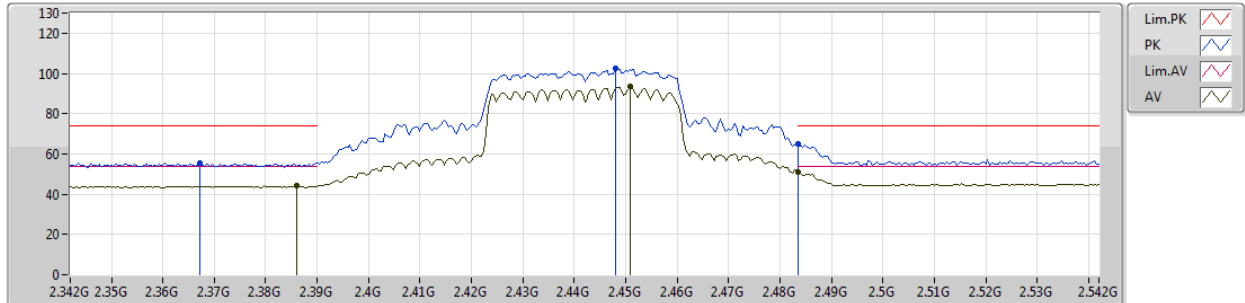


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87514G	34.79	54.00	-19.21	2.26	3	Horizontal	177	2.42	-
PK	4.87514G	44.09	74.00	-29.91	2.26	3	Horizontal	177	2.42	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

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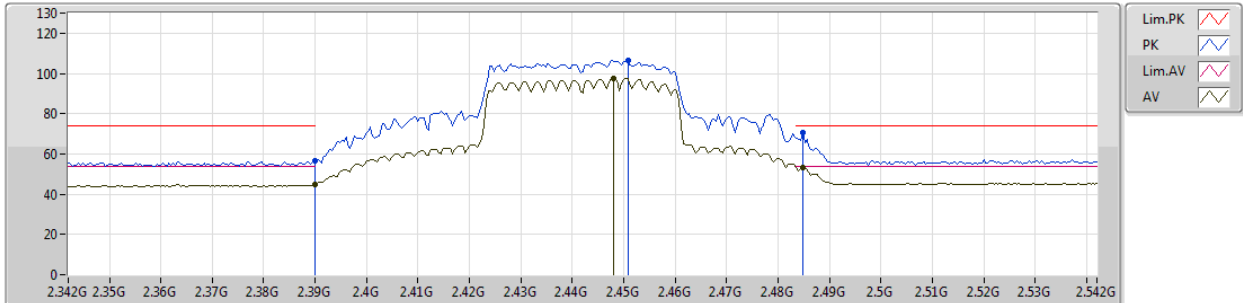


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.386G	44.02	54.00	-9.98	30.76	3	Vertical	242	2.30	-
AV	2.4508G	93.42	Inf	-Inf	30.99	3	Vertical	242	2.30	-
AV	2.4835G	51.18	54.00	-2.82	31.11	3	Vertical	242	2.30	-
PK	2.3672G	55.46	74.00	-18.54	30.70	3	Vertical	242	2.30	-
PK	2.448G	102.34	Inf	-Inf	30.98	3	Vertical	242	2.30	-
PK	2.4835G	65.12	74.00	-8.88	31.11	3	Vertical	242	2.30	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

18/09/2018

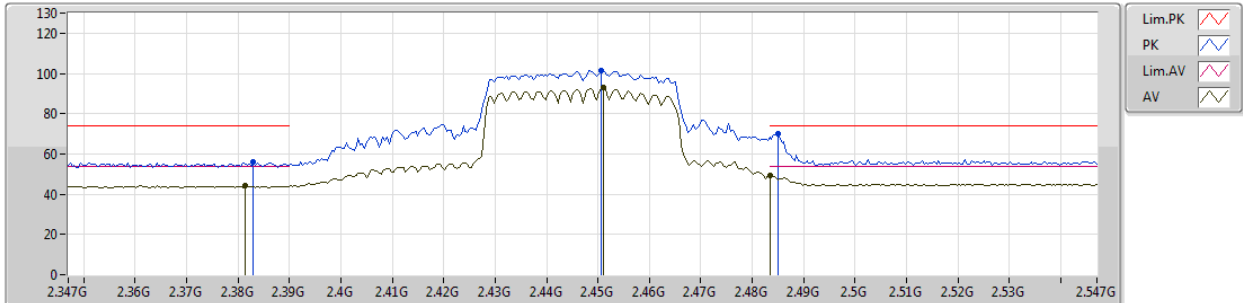


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	44.97	54.00	-9.03	30.77	3	Horizontal	158	1.20	-
AV	2.448G	97.65	Inf	-Inf	30.98	3	Horizontal	158	1.20	-
AV	2.4848G	53.06	54.00	-0.94	31.12	3	Horizontal	158	1.20	-
PK	2.39G	56.52	74.00	-17.48	30.77	3	Horizontal	158	1.20	-
PK	2.4508G	106.66	Inf	-Inf	30.99	3	Horizontal	158	1.20	-
PK	2.4848G	70.68	74.00	-3.32	31.12	3	Horizontal	158	1.20	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2447MHz_TX

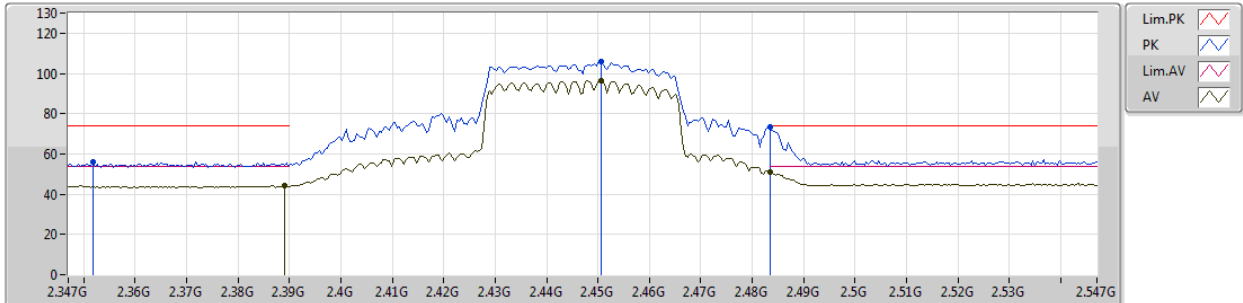


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3814G	44.08	54.00	-9.92	30.75	3	Vertical	240	2.29	-
AV	2.451G	92.86	Inf	-Inf	30.99	3	Vertical	240	2.29	-
AV	2.4835G	49.51	54.00	-4.49	31.11	3	Vertical	240	2.29	-
PK	2.383G	56.03	74.00	-17.97	30.75	3	Vertical	240	2.29	-
PK	2.4506G	101.41	Inf	-Inf	30.99	3	Vertical	240	2.29	-
PK	2.485G	70.15	74.00	-3.85	31.12	3	Vertical	240	2.29	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2447MHz_TX

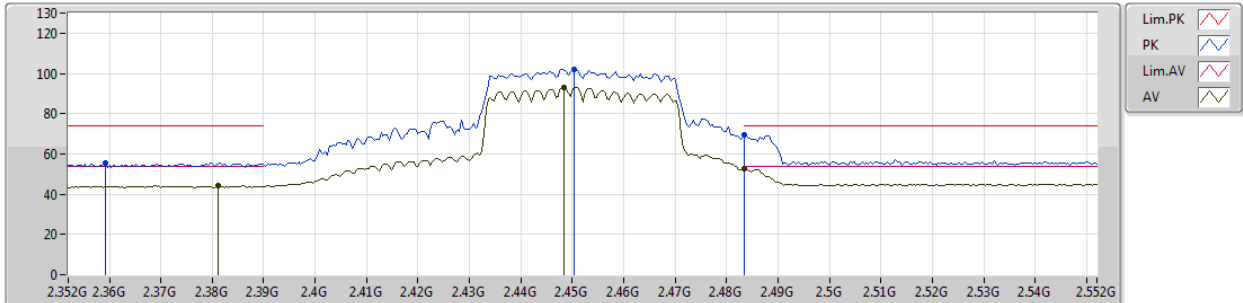


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	44.09	54.00	-9.91	30.77	3	Horizontal	159	1.67	-
AV	2.4506G	96.63	Inf	-Inf	30.99	3	Horizontal	159	1.67	-
AV	2.4835G	50.91	54.00	-3.09	31.11	3	Horizontal	159	1.67	-
PK	2.3518G	56.17	74.00	-17.83	30.65	3	Horizontal	159	1.67	-
PK	2.4506G	105.79	Inf	-Inf	30.99	3	Horizontal	159	1.67	-
PK	2.4835G	73.51	74.00	-0.49	31.11	3	Horizontal	159	1.67	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2452MHz_TX

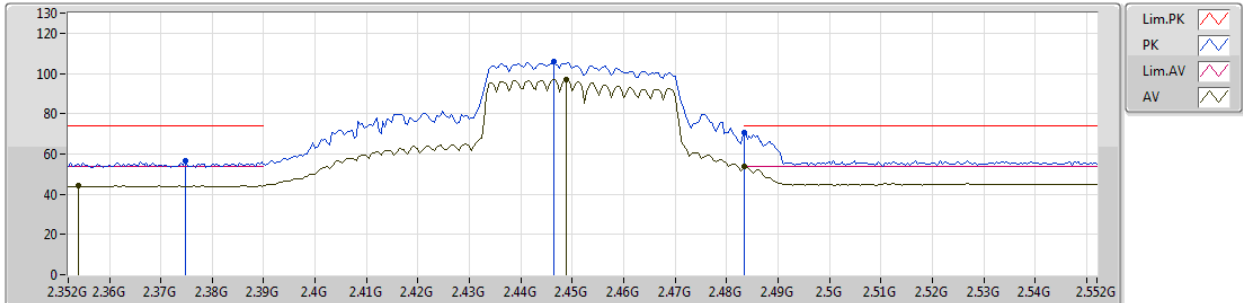


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3812G	44.34	54.00	-9.66	30.75	3	Vertical	241	2.90	-
AV	2.4484G	93.14	Inf	-Inf	30.99	3	Vertical	241	2.90	-
AV	2.4835G	52.81	54.00	-1.19	31.11	3	Vertical	241	2.90	-
PK	2.3592G	55.52	74.00	-18.48	30.67	3	Vertical	241	2.90	-
PK	2.4504G	102.21	Inf	-Inf	30.99	3	Vertical	241	2.90	-
PK	2.4835G	69.48	74.00	-4.52	31.11	3	Vertical	241	2.90	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2452MHz_TX

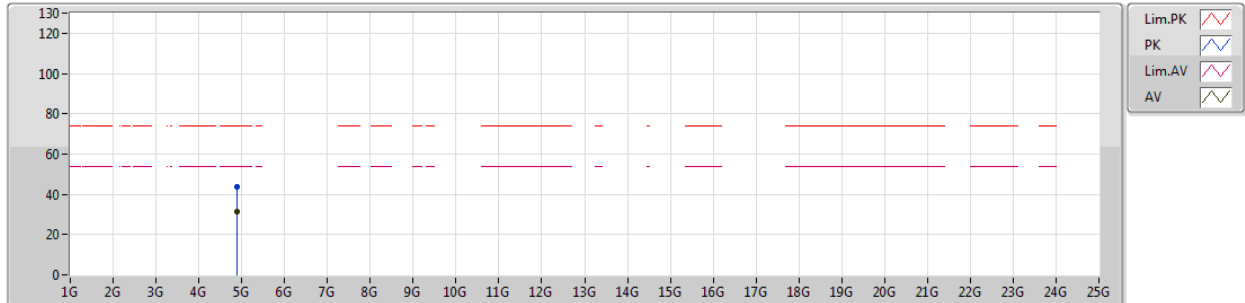


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.354G	44.22	54.00	-9.78	30.65	3	Horizontal	177	1.01	-
AV	2.4488G	96.91	Inf	-Inf	30.99	3	Horizontal	177	1.01	-
AV	2.4835G	53.57	54.00	-0.43	31.11	3	Horizontal	177	1.01	-
PK	2.3748G	56.57	74.00	-17.43	30.72	3	Horizontal	177	1.01	-
PK	2.4464G	105.93	Inf	-Inf	30.98	3	Horizontal	177	1.01	-
PK	2.4835G	70.52	74.00	-3.48	31.11	3	Horizontal	177	1.01	-

802.11n HT40_Nss1,(MCS0)_2TX

18/09/2018

2452MHz_TX

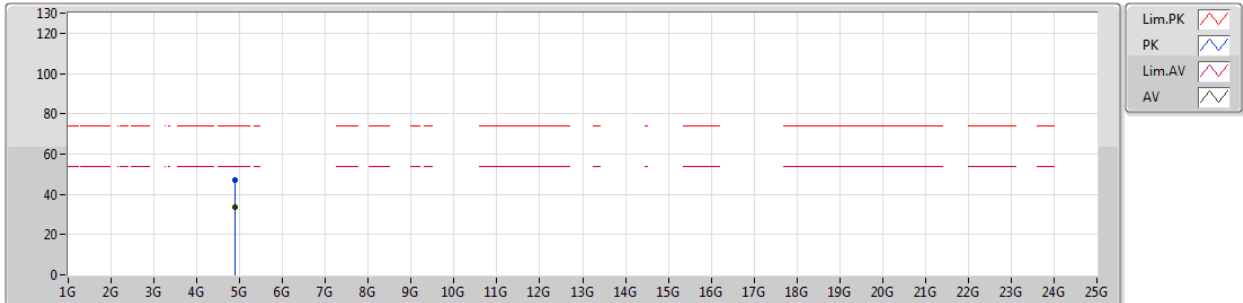


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.88912G	31.21	54.00	-22.79	2.29	3	Vertical	131	1.56	-								
PK	4.89032G	43.81	74.00	-30.19	2.29	3	Vertical	131	1.56	-								

802.11n HT40_Nss1,(MCS0)_2TX

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2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.89014G	33.57	54.00	-20.43	2.29	3	Horizontal	190	1.74	-
PK	4.88978G	46.95	74.00	-27.05	2.29	3	Horizontal	190	1.74	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	749.74M	41.22	46.00	-4.78	-8.38	3	Horizontal	360	1.00	-

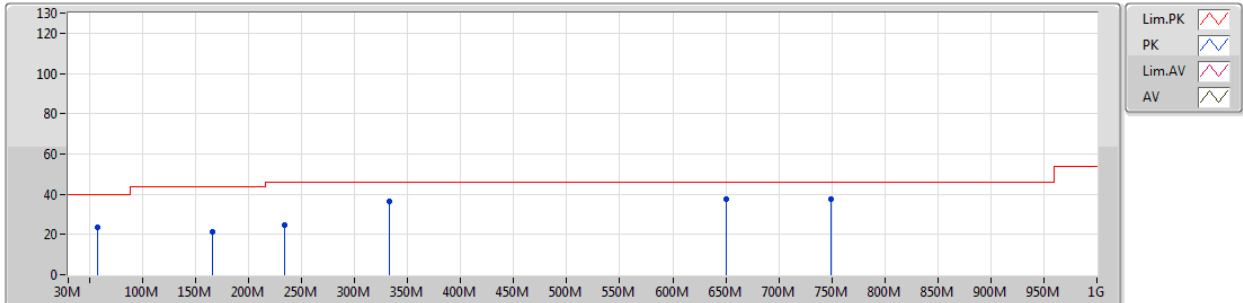
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	57.16M	23.41	40.00	-16.59	-25.37	3	Vertical	0	1.00	-
2437MHz	Pass	PK	165.8M	21.29	43.50	-22.21	-20.40	3	Vertical	0	1.00	-
2437MHz	Pass	PK	233.7M	24.40	46.00	-21.60	-19.35	3	Vertical	0	1.00	-
2437MHz	Pass	PK	332.64M	36.29	46.00	-9.71	-15.99	3	Vertical	0	1.00	-
2437MHz	Pass	PK	650.8M	37.68	46.00	-8.32	-9.96	3	Vertical	0	1.00	-
2437MHz	Pass	PK	749.74M	37.66	46.00	-8.34	-8.38	3	Vertical	0	1.00	-
2437MHz	Pass	PK	55.22M	22.35	40.00	-17.65	-25.17	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	99.84M	20.75	43.50	-22.75	-21.09	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	251.16M	30.28	46.00	-15.72	-16.97	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	326.82M	41.06	46.00	-4.94	-16.18	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	650.8M	39.84	46.00	-6.16	-9.96	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	749.74M	41.22	46.00	-4.78	-8.38	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

20/09/2018

2437MHz_Switching Power Supply

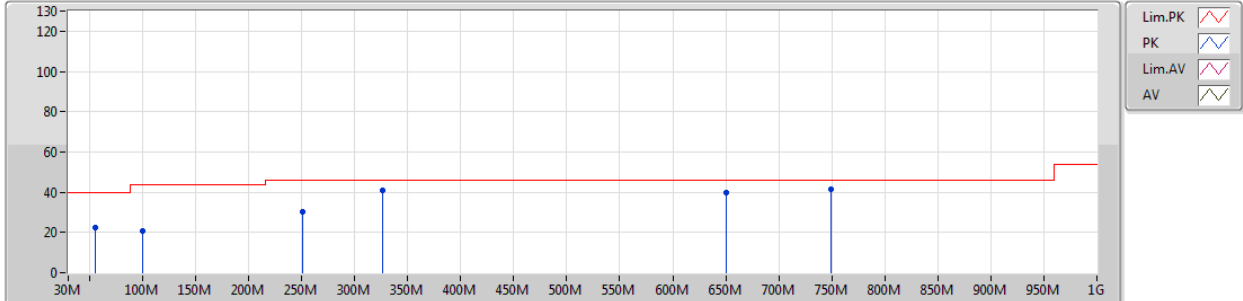


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	57.16M	23.41	40.00	-16.59	-25.37	3	Vertical	0	1.00	-
PK	165.8M	21.29	43.50	-22.21	-20.40	3	Vertical	0	1.00	-
PK	233.7M	24.40	46.00	-21.60	-19.35	3	Vertical	0	1.00	-
PK	332.64M	36.29	46.00	-9.71	-15.99	3	Vertical	0	1.00	-
PK	650.8M	37.68	46.00	-8.32	-9.96	3	Vertical	0	1.00	-
PK	749.74M	37.66	46.00	-8.34	-8.38	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

20/09/2018

2437MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	55.22M	22.35	40.00	-17.65	-25.17	3	Horizontal	360	1.00	-
PK	99.84M	20.75	43.50	-22.75	-21.09	3	Horizontal	360	1.00	-
PK	251.16M	30.28	46.00	-15.72	-16.97	3	Horizontal	360	1.00	-
PK	326.82M	41.06	46.00	-4.94	-16.18	3	Horizontal	360	1.00	-
PK	650.8M	39.84	46.00	-6.16	-9.96	3	Horizontal	360	1.00	-
PK	749.74M	41.22	46.00	-4.78	-8.38	3	Horizontal	360	1.00	-

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	AV	2.39G	53.39	54.00	-0.61	32.28	3	Vertical	231	2.13	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	2.39G	53.69	54.00	-0.31	32.28	3	Vertical	214	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.88	54.00	-0.12	31.11	3	Vertical	201	1.16	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	2.4846G	73.37	74.00	-0.63	31.12	3	Vertical	189	1.50	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.25	54.00	-0.75	32.28	3	Vertical	208	1.50	-
2412MHz	Pass	AV	2.4108G	110.93	Inf	-Inf	32.35	3	Vertical	208	1.50	-
2412MHz	Pass	PK	2.39G	61.48	74.00	-12.52	32.28	3	Vertical	208	1.50	-
2412MHz	Pass	PK	2.4104G	113.08	Inf	-Inf	32.34	3	Vertical	208	1.50	-
2412MHz	Pass	AV	4.82394G	48.72	54.00	-5.28	3.02	3	Vertical	8	2.25	-
2412MHz	Pass	PK	4.824G	51.86	74.00	-22.14	3.02	3	Vertical	8	2.25	-
2412MHz	Pass	AV	4.82394G	44.07	54.00	-9.93	3.02	3	Horizontal	247	2.48	-
2412MHz	Pass	PK	4.82382G	49.00	74.00	-25.00	3.02	3	Horizontal	247	2.48	-
2417MHz	Pass	AV	2.39G	53.39	54.00	-0.61	32.28	3	Vertical	231	2.13	-
2417MHz	Pass	AV	2.4152G	111.70	Inf	-Inf	32.37	3	Vertical	231	2.13	-
2417MHz	Pass	PK	2.39G	61.02	74.00	-12.98	32.28	3	Vertical	231	2.13	-
2417MHz	Pass	PK	2.4154G	113.80	Inf	-Inf	32.37	3	Vertical	231	2.13	-
2422MHz	Pass	AV	2.3898G	48.35	54.00	-5.65	32.28	3	Vertical	202	1.03	-
2422MHz	Pass	AV	2.4202G	112.26	Inf	-Inf	32.38	3	Vertical	202	1.03	-
2422MHz	Pass	PK	2.3752G	59.02	74.00	-14.98	32.22	3	Vertical	202	1.03	-
2422MHz	Pass	PK	2.4204G	114.30	Inf	-Inf	32.38	3	Vertical	202	1.03	-
2437MHz	Pass	AV	2.3898G	47.80	54.00	-6.20	32.28	3	Vertical	226	2.13	-
2437MHz	Pass	AV	2.4386G	109.39	Inf	-Inf	32.45	3	Vertical	226	2.13	-
2437MHz	Pass	AV	2.4835G	50.17	54.00	-3.83	32.61	3	Vertical	226	2.13	-
2437MHz	Pass	PK	2.3714G	59.44	74.00	-14.56	32.21	3	Vertical	226	2.13	-
2437MHz	Pass	PK	2.4386G	111.43	Inf	-Inf	32.45	3	Vertical	226	2.13	-
2437MHz	Pass	PK	2.4842G	60.63	74.00	-13.37	32.61	3	Vertical	226	2.13	-
2437MHz	Pass	AV	4.87394G	49.51	54.00	-4.49	3.13	3	Vertical	266	2.35	-
2437MHz	Pass	PK	4.874G	52.60	74.00	-21.40	3.13	3	Vertical	266	2.35	-
2437MHz	Pass	AV	4.87394G	45.57	54.00	-8.43	3.13	3	Horizontal	249	2.36	-
2437MHz	Pass	PK	4.87406G	50.06	74.00	-23.94	3.13	3	Horizontal	249	2.36	-
2452MHz	Pass	AV	2.4502G	112.15	Inf	-Inf	32.49	3	Vertical	229	1.49	-
2452MHz	Pass	AV	2.484G	52.30	54.00	-1.70	32.61	3	Vertical	229	1.49	-
2452MHz	Pass	PK	2.4504G	114.13	Inf	-Inf	32.49	3	Vertical	229	1.49	-
2452MHz	Pass	PK	2.4844G	61.29	74.00	-12.71	32.61	3	Vertical	229	1.49	-
2457MHz	Pass	AV	2.4552G	110.69	Inf	-Inf	32.51	3	Vertical	229	1.49	-
2457MHz	Pass	AV	2.4838G	52.67	54.00	-1.33	32.61	3	Vertical	229	1.49	-
2457MHz	Pass	PK	2.4542G	112.95	Inf	-Inf	32.51	3	Vertical	229	1.49	-
2457MHz	Pass	PK	2.4835G	62.08	74.00	-11.92	32.61	3	Vertical	229	1.49	-
2462MHz	Pass	AV	2.4602G	109.08	Inf	-Inf	32.52	3	Vertical	233	2.06	-
2462MHz	Pass	AV	2.486G	51.09	54.00	-2.91	32.62	3	Vertical	233	2.06	-
2462MHz	Pass	PK	2.4594G	110.89	Inf	-Inf	32.52	3	Vertical	233	2.06	-
2462MHz	Pass	PK	2.484G	61.16	74.00	-12.84	32.61	3	Vertical	233	2.06	-
2462MHz	Pass	AV	4.92394G	49.83	54.00	-4.17	3.24	3	Vertical	13	2.22	-
2462MHz	Pass	PK	4.92406G	50.88	74.00	-23.12	3.24	3	Vertical	13	2.22	-
2462MHz	Pass	AV	4.924G	44.39	54.00	-9.61	3.24	3	Horizontal	252	2.61	-
2462MHz	Pass	PK	4.924G	49.72	74.00	-24.28	3.24	3	Horizontal	252	2.61	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.69	54.00	-0.31	32.28	3	Vertical	214	1.50	-
2412MHz	Pass	AV	2.4182G	103.90	Inf	-Inf	32.37	3	Vertical	214	1.50	-
2412MHz	Pass	PK	2.39G	66.41	74.00	-7.59	32.28	3	Vertical	214	1.50	-
2412MHz	Pass	PK	2.4184G	112.63	Inf	-Inf	32.37	3	Vertical	214	1.50	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.82546G	34.07	54.00	-19.93	3.05	3	Vertical	242	1.71	-
2412MHz	Pass	PK	4.82406G	45.39	74.00	-28.61	3.02	3	Vertical	242	1.71	-
2412MHz	Pass	AV	4.8244G	33.51	54.00	-20.49	3.02	3	Horizontal	170	1.28	-
2412MHz	Pass	PK	4.82372G	44.82	74.00	-29.18	3.02	3	Horizontal	170	1.28	-
2417MHz	Pass	AV	2.39G	53.69	54.00	-0.31	32.28	3	Vertical	228	1.50	-
2417MHz	Pass	AV	2.4138G	105.69	Inf	-Inf	32.36	3	Vertical	228	1.50	-
2417MHz	Pass	PK	2.39G	65.55	74.00	-8.45	32.28	3	Vertical	228	1.50	-
2417MHz	Pass	PK	2.4238G	114.21	Inf	-Inf	32.40	3	Vertical	228	1.50	-
2422MHz	Pass	AV	2.39G	51.96	54.00	-2.04	32.28	3	Vertical	226	2.13	-
2422MHz	Pass	AV	2.4188G	106.84	Inf	-Inf	32.38	3	Vertical	226	2.13	-
2422MHz	Pass	PK	2.39G	63.96	74.00	-10.04	32.28	3	Vertical	226	2.13	-
2422MHz	Pass	PK	2.4202G	115.19	Inf	-Inf	32.38	3	Vertical	226	2.13	-
2437MHz	Pass	AV	2.3898G	48.86	54.00	-5.14	32.28	3	Vertical	198	1.50	-
2437MHz	Pass	AV	2.4414G	105.89	Inf	-Inf	32.46	3	Vertical	198	1.50	-
2437MHz	Pass	AV	2.4842G	53.20	54.00	-0.80	32.61	3	Vertical	198	1.50	-
2437MHz	Pass	PK	2.3886G	59.40	74.00	-14.60	32.27	3	Vertical	198	1.50	-
2437MHz	Pass	PK	2.4438G	114.37	Inf	-Inf	32.47	3	Vertical	198	1.50	-
2437MHz	Pass	PK	2.4838G	66.61	74.00	-7.39	32.61	3	Vertical	198	1.50	-
2437MHz	Pass	AV	4.87406G	37.10	54.00	-16.90	3.13	3	Vertical	266	2.34	-
2437MHz	Pass	PK	4.87676G	48.66	74.00	-25.34	3.16	3	Vertical	266	2.34	-
2437MHz	Pass	AV	4.87562G	34.13	54.00	-19.87	3.16	3	Horizontal	280	3.02	-
2437MHz	Pass	PK	4.87544G	45.52	74.00	-28.48	3.16	3	Horizontal	280	3.02	-
2442MHz	Pass	AV	2.39G	48.09	54.00	-5.91	32.28	3	Vertical	229	1.50	-
2442MHz	Pass	AV	2.4488G	106.45	Inf	-Inf	32.49	3	Vertical	229	1.50	-
2442MHz	Pass	AV	2.484G	53.53	54.00	-0.47	32.61	3	Vertical	229	1.50	-
2442MHz	Pass	PK	2.3704G	59.08	74.00	-14.92	32.20	3	Vertical	229	1.50	-
2442MHz	Pass	PK	2.4484G	114.78	Inf	-Inf	32.49	3	Vertical	229	1.50	-
2442MHz	Pass	PK	2.4835G	66.51	74.00	-7.49	32.61	3	Vertical	229	1.50	-
2447MHz	Pass	AV	2.349G	47.97	54.00	-6.03	32.13	3	Vertical	227	1.50	-
2447MHz	Pass	AV	2.4514G	105.47	Inf	-Inf	32.49	3	Vertical	227	1.50	-
2447MHz	Pass	AV	2.4835G	52.85	54.00	-1.15	32.61	3	Vertical	227	1.50	-
2447MHz	Pass	PK	2.365G	59.42	74.00	-14.58	32.19	3	Vertical	227	1.50	-
2447MHz	Pass	PK	2.4494G	113.24	Inf	-Inf	32.49	3	Vertical	227	1.50	-
2447MHz	Pass	PK	2.4838G	66.04	74.00	-7.96	32.61	3	Vertical	227	1.50	-
2452MHz	Pass	AV	2.4504G	104.67	Inf	-Inf	32.49	3	Vertical	229	1.50	-
2452MHz	Pass	AV	2.4838G	53.53	54.00	-0.47	32.61	3	Vertical	229	1.50	-
2452MHz	Pass	PK	2.4502G	113.04	Inf	-Inf	32.49	3	Vertical	229	1.50	-
2452MHz	Pass	PK	2.4858G	66.80	74.00	-7.20	32.62	3	Vertical	229	1.50	-
2457MHz	Pass	AV	2.451G	104.54	Inf	-Inf	32.49	3	Vertical	226	1.50	-
2457MHz	Pass	AV	2.4835G	53.02	54.00	-0.98	32.61	3	Vertical	226	1.50	-
2457MHz	Pass	PK	2.4526G	112.39	Inf	-Inf	32.50	3	Vertical	226	1.50	-
2457MHz	Pass	PK	2.484G	65.63	74.00	-8.37	32.61	3	Vertical	226	1.50	-
2462MHz	Pass	AV	2.4544G	102.23	Inf	-Inf	32.51	3	Vertical	226	1.50	-
2462MHz	Pass	AV	2.4835G	53.19	54.00	-0.81	32.61	3	Vertical	226	1.50	-
2462MHz	Pass	PK	2.455G	109.69	Inf	-Inf	32.51	3	Vertical	226	1.50	-
2462MHz	Pass	PK	2.4836G	65.82	74.00	-8.18	32.61	3	Vertical	226	1.50	-
2462MHz	Pass	AV	4.92634G	34.56	54.00	-19.44	3.26	3	Vertical	15	2.11	-
2462MHz	Pass	PK	4.9228G	46.16	74.00	-27.84	3.24	3	Vertical	15	2.11	-
2462MHz	Pass	AV	4.93528G	33.66	54.00	-20.34	3.27	3	Horizontal	11	1.50	-



RSE TX above 1GHz Result_Dipole Antenna

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	4.9327G	45.08	74.00	-28.92	3.27	3	Horizontal	11	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.48	54.00	-0.52	30.77	3	Vertical	204	1.45	-
2412MHz	Pass	AV	2.4176G	104.16	Inf	-Inf	30.87	3	Vertical	204	1.45	-
2412MHz	Pass	PK	2.39G	70.04	74.00	-3.96	30.77	3	Vertical	204	1.45	-
2412MHz	Pass	PK	2.4198G	113.58	Inf	-Inf	30.89	3	Vertical	204	1.45	-
2412MHz	Pass	AV	4.8129G	34.22	54.00	-19.78	3.00	3	Vertical	164	1.84	-
2412MHz	Pass	PK	4.81362G	45.60	74.00	-28.40	3.00	3	Vertical	164	1.84	-
2412MHz	Pass	AV	4.82304G	33.56	54.00	-20.44	3.02	3	Horizontal	159	2.36	-
2412MHz	Pass	PK	4.82526G	45.51	74.00	-28.49	3.05	3	Horizontal	159	2.36	-
2417MHz	Pass	AV	2.39G	53.80	54.00	-0.20	30.77	3	Vertical	201	1.43	-
2417MHz	Pass	AV	2.4228G	106.92	Inf	-Inf	30.89	3	Vertical	201	1.43	-
2417MHz	Pass	PK	2.39G	70.47	74.00	-3.53	30.77	3	Vertical	201	1.43	-
2417MHz	Pass	PK	2.42G	116.54	Inf	-Inf	30.89	3	Vertical	201	1.43	-
2422MHz	Pass	AV	2.39G	53.44	54.00	-0.56	30.77	3	Vertical	199	1.40	-
2422MHz	Pass	AV	2.42G	107.79	Inf	-Inf	30.89	3	Vertical	199	1.40	-
2422MHz	Pass	PK	2.39G	73.47	74.00	-0.53	30.77	3	Vertical	199	1.40	-
2422MHz	Pass	PK	2.42G	117.62	Inf	-Inf	30.89	3	Vertical	199	1.40	-
2427MHz	Pass	AV	2.39G	53.65	54.00	-0.35	30.77	3	Vertical	198	1.44	-
2427MHz	Pass	AV	2.4226G	108.50	Inf	-Inf	30.89	3	Vertical	198	1.44	-
2427MHz	Pass	PK	2.3898G	71.93	74.00	-2.07	30.77	3	Vertical	198	1.44	-
2427MHz	Pass	PK	2.4252G	118.15	Inf	-Inf	30.90	3	Vertical	198	1.44	-
2432MHz	Pass	AV	2.39G	53.11	54.00	-0.89	30.77	3	Vertical	200	1.43	-
2432MHz	Pass	AV	2.4276G	108.41	Inf	-Inf	30.91	3	Vertical	200	1.43	-
2432MHz	Pass	AV	2.4835G	51.70	54.00	-2.30	31.11	3	Vertical	200	1.43	-
2432MHz	Pass	PK	2.39G	69.13	74.00	-4.87	30.77	3	Vertical	200	1.43	-
2432MHz	Pass	PK	2.4252G	118.05	Inf	-Inf	30.90	3	Vertical	200	1.43	-
2432MHz	Pass	PK	2.4835G	67.15	74.00	-6.85	31.11	3	Vertical	200	1.43	-
2437MHz	Pass	AV	2.3898G	50.02	54.00	-3.98	30.77	3	Vertical	203	1.45	-
2437MHz	Pass	AV	2.4298G	108.47	Inf	-Inf	30.91	3	Vertical	203	1.45	-
2437MHz	Pass	AV	2.4846G	53.87	54.00	-0.13	31.12	3	Vertical	203	1.45	-
2437MHz	Pass	PK	2.3898G	63.67	74.00	-10.33	30.77	3	Vertical	203	1.45	-
2437MHz	Pass	PK	2.4398G	117.74	Inf	-Inf	30.95	3	Vertical	203	1.45	-
2437MHz	Pass	PK	2.4846G	67.65	74.00	-6.35	31.12	3	Vertical	203	1.45	-
2437MHz	Pass	AV	4.87436G	37.34	54.00	-16.66	3.13	3	Vertical	265	2.35	-
2437MHz	Pass	PK	4.87034G	48.73	74.00	-25.27	3.13	3	Vertical	265	2.35	-
2437MHz	Pass	AV	4.86986G	34.42	54.00	-19.58	3.13	3	Horizontal	38	1.02	-
2437MHz	Pass	PK	4.86962G	46.47	74.00	-27.53	3.13	3	Horizontal	38	1.02	-
2442MHz	Pass	AV	2.39G	46.60	54.00	-7.40	30.77	3	Vertical	201	1.16	-
2442MHz	Pass	AV	2.44G	107.92	Inf	-Inf	30.95	3	Vertical	201	1.16	-
2442MHz	Pass	AV	2.4835G	53.88	54.00	-0.12	31.11	3	Vertical	201	1.16	-
2442MHz	Pass	PK	2.39G	59.93	74.00	-14.07	30.77	3	Vertical	201	1.16	-
2442MHz	Pass	PK	2.4404G	117.31	Inf	-Inf	30.95	3	Vertical	201	1.16	-
2442MHz	Pass	PK	2.4852G	70.11	74.00	-3.89	31.12	3	Vertical	201	1.16	-
2447MHz	Pass	AV	2.3898G	44.30	54.00	-9.70	30.77	3	Vertical	186	1.01	-
2447MHz	Pass	AV	2.4486G	107.14	Inf	-Inf	30.99	3	Vertical	186	1.01	-
2447MHz	Pass	AV	2.4835G	53.68	54.00	-0.32	31.11	3	Vertical	186	1.01	-
2447MHz	Pass	PK	2.383G	56.00	74.00	-18.00	30.75	3	Vertical	186	1.01	-
2447MHz	Pass	PK	2.4438G	116.91	Inf	-Inf	30.97	3	Vertical	186	1.01	-

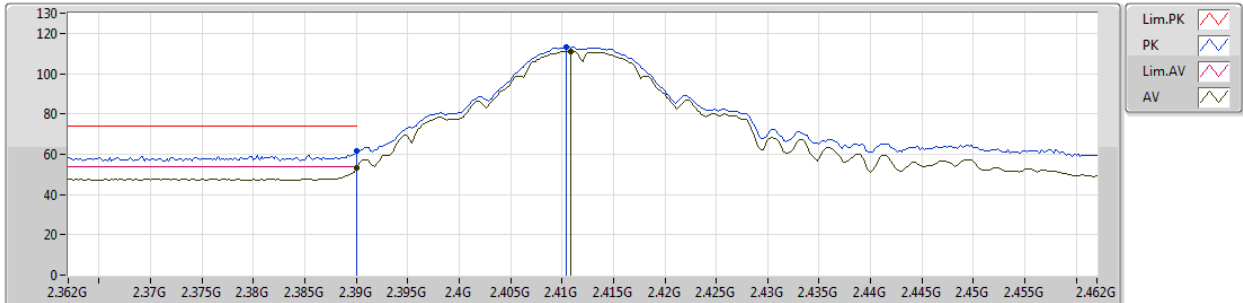
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4838G	67.16	74.00	-6.84	31.11	3	Vertical	186	1.01	-
2452MHz	Pass	AV	2.4498G	106.20	Inf	-Inf	30.99	3	Vertical	201	1.50	-
2452MHz	Pass	AV	2.4835G	53.21	54.00	-0.79	31.11	3	Vertical	201	1.50	-
2452MHz	Pass	PK	2.4494G	116.05	Inf	-Inf	30.99	3	Vertical	201	1.50	-
2452MHz	Pass	PK	2.484G	67.77	74.00	-6.23	31.12	3	Vertical	201	1.50	-
2457MHz	Pass	AV	2.4498G	105.88	Inf	-Inf	30.99	3	Vertical	202	1.48	-
2457MHz	Pass	AV	2.4836G	53.88	54.00	-0.12	31.11	3	Vertical	202	1.48	-
2457MHz	Pass	PK	2.4526G	115.18	Inf	-Inf	31.00	3	Vertical	202	1.48	-
2457MHz	Pass	PK	2.4846G	69.52	74.00	-4.48	31.12	3	Vertical	202	1.48	-
2462MHz	Pass	AV	2.4536G	101.91	Inf	-Inf	31.00	3	Vertical	186	1.01	-
2462MHz	Pass	AV	2.4835G	53.72	54.00	-0.28	31.11	3	Vertical	186	1.01	-
2462MHz	Pass	PK	2.4538G	111.65	Inf	-Inf	31.00	3	Vertical	186	1.01	-
2462MHz	Pass	PK	2.4835G	71.10	74.00	-2.90	31.11	3	Vertical	186	1.01	-
2462MHz	Pass	AV	4.92286G	34.90	54.00	-19.10	3.24	3	Vertical	14	2.21	-
2462MHz	Pass	PK	4.92946G	45.68	74.00	-28.32	3.26	3	Vertical	14	2.21	-
2462MHz	Pass	AV	4.93498G	33.73	54.00	-20.27	3.27	3	Horizontal	88	1.01	-
2462MHz	Pass	PK	4.9201G	45.25	74.00	-28.75	3.24	3	Horizontal	88	1.01	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.14	54.00	-0.86	30.77	3	Vertical	210	1.41	-
2422MHz	Pass	AV	2.4252G	100.52	Inf	-Inf	30.90	3	Vertical	210	1.41	-
2422MHz	Pass	AV	2.4844G	45.89	54.00	-8.11	31.12	3	Vertical	210	1.41	-
2422MHz	Pass	PK	2.39G	66.67	74.00	-7.33	30.77	3	Vertical	210	1.41	-
2422MHz	Pass	PK	2.4204G	109.84	Inf	-Inf	30.89	3	Vertical	210	1.41	-
2422MHz	Pass	PK	2.4852G	57.46	74.00	-16.54	31.12	3	Vertical	210	1.41	-
2422MHz	Pass	AV	4.84448G	34.41	54.00	-19.59	3.08	3	Vertical	0	1.95	-
2422MHz	Pass	PK	4.8584G	45.53	74.00	-28.47	3.11	3	Vertical	0	1.95	-
2422MHz	Pass	AV	4.84242G	34.20	54.00	-19.80	3.08	3	Horizontal	252	2.34	-
2422MHz	Pass	PK	4.84452G	44.62	74.00	-29.38	3.08	3	Horizontal	252	2.34	-
2437MHz	Pass	AV	2.3898G	46.96	54.00	-7.04	30.77	3	Vertical	189	1.50	-
2437MHz	Pass	AV	2.451G	100.08	Inf	-Inf	30.99	3	Vertical	189	1.50	-
2437MHz	Pass	AV	2.4835G	53.22	54.00	-0.78	31.11	3	Vertical	189	1.50	-
2437MHz	Pass	PK	2.3898G	61.19	74.00	-12.81	30.77	3	Vertical	189	1.50	-
2437MHz	Pass	PK	2.4482G	108.59	Inf	-Inf	30.98	3	Vertical	189	1.50	-
2437MHz	Pass	PK	2.4838G	66.72	74.00	-7.28	31.11	3	Vertical	189	1.50	-
2437MHz	Pass	AV	4.87322G	34.43	54.00	-19.57	3.13	3	Vertical	212	1.52	-
2437MHz	Pass	PK	4.88816G	45.22	74.00	-28.78	3.18	3	Vertical	212	1.52	-
2437MHz	Pass	AV	4.88066G	34.36	54.00	-19.64	3.17	3	Horizontal	37	2.08	-
2437MHz	Pass	PK	4.8788G	44.82	74.00	-29.18	3.16	3	Horizontal	37	2.08	-
2442MHz	Pass	AV	2.39G	45.36	54.00	-8.64	30.77	3	Vertical	188	1.13	-
2442MHz	Pass	AV	2.448G	100.65	Inf	-Inf	30.98	3	Vertical	188	1.13	-
2442MHz	Pass	AV	2.4848G	53.30	54.00	-0.70	31.12	3	Vertical	188	1.13	-
2442MHz	Pass	PK	2.39G	57.86	74.00	-16.14	30.77	3	Vertical	188	1.13	-
2442MHz	Pass	PK	2.4456G	109.59	Inf	-Inf	30.98	3	Vertical	188	1.13	-
2442MHz	Pass	PK	2.4844G	71.49	74.00	-2.51	31.12	3	Vertical	188	1.13	-
2447MHz	Pass	AV	2.381G	44.02	54.00	-9.98	30.75	3	Vertical	189	1.50	-
2447MHz	Pass	AV	2.451G	99.32	Inf	-Inf	30.99	3	Vertical	189	1.50	-
2447MHz	Pass	AV	2.4835G	49.55	54.00	-4.45	31.11	3	Vertical	189	1.50	-
2447MHz	Pass	PK	2.3498G	55.56	74.00	-18.44	30.63	3	Vertical	189	1.50	-
2447MHz	Pass	PK	2.4506G	108.37	Inf	-Inf	30.99	3	Vertical	189	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4846G	73.37	74.00	-0.63	31.12	3	Vertical	189	1.50	-
2452MHz	Pass	AV	2.3864G	44.40	54.00	-9.60	30.76	3	Vertical	188	1.50	-
2452MHz	Pass	AV	2.4504G	97.35	Inf	-Inf	30.99	3	Vertical	188	1.50	-
2452MHz	Pass	AV	2.4844G	51.99	54.00	-2.01	31.12	3	Vertical	188	1.50	-
2452MHz	Pass	PK	2.3884G	56.12	74.00	-17.88	30.77	3	Vertical	188	1.50	-
2452MHz	Pass	PK	2.4508G	105.80	Inf	-Inf	30.99	3	Vertical	188	1.50	-
2452MHz	Pass	PK	2.4835G	67.71	74.00	-6.29	31.11	3	Vertical	188	1.50	-
2452MHz	Pass	AV	4.89032G	34.36	54.00	-19.64	3.18	3	Vertical	49	2.62	-
2452MHz	Pass	PK	4.91672G	45.38	74.00	-28.62	3.23	3	Vertical	49	2.62	-
2452MHz	Pass	AV	4.91102G	34.23	54.00	-19.77	3.22	3	Horizontal	281	2.05	-
2452MHz	Pass	PK	4.9124G	45.04	74.00	-28.96	3.22	3	Horizontal	281	2.05	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

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2412MHz_TX

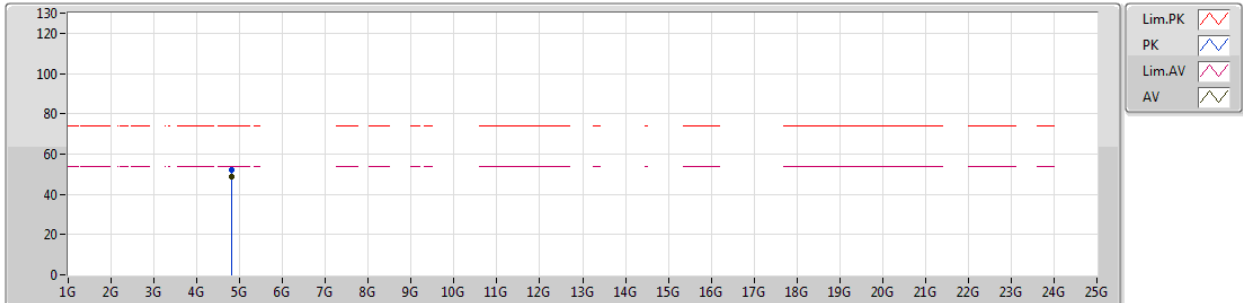


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.39G	53.25	54.00	-0.75	32.28	3	Vertical	208	1.50	-								
AV	2.4108G	110.93	Inf	-Inf	32.35	3	Vertical	208	1.50	-								
PK	2.39G	61.48	74.00	-12.52	32.28	3	Vertical	208	1.50	-								
PK	2.4104G	113.08	Inf	-Inf	32.34	3	Vertical	208	1.50	-								

802.11b_Nss1,(1Mbps)_1TX(Port2)

15/09/2018

2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82394G	48.72	54.00	-5.28	3.02	3	Vertical	8	2.25	-
PK	4.824G	51.86	74.00	-22.14	3.02	3	Vertical	8	2.25	-