

NCC Test Report

Equipment : 2.4GHz WLAN Stand-alone module
Brand Name : I&C Technology Co., Ltd.
Model No. : WFM50-SFP2501
Standard : LP0002 Section 3.10 (2016-08-23)
Operating Band : 2400 MHz – 2483.5 MHz
Function : ☒ Point-to-multipoint; ☐ Point-to-point
Applicant : 精聯電子股份有限公司
新北市新店區寶橋路 235 巷 136 號 5F
Manufacturer : I&C Technology Co., Ltd.
I&C Building, 24, Pangyo-ro 255beon-fil, Bundang-gu,
Seongnam-si, Gyeonggi-do, 13486, Korea

The product sample received on Sep. 13, 2017 and completely tested on Sep. 29, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Phoenix Chen
SPORTON INTERNATIONAL INC.

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Summary of Test Result

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



Report No. : TR791320AC

Revision History

[illegible]

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]

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

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	I&C Technology	WFM50-SFP2501	PCB	Fixed on board	1.98

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.996	0.017	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.995	0.022	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.993	0.031	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

1.2 Testing Applied Standards

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

- ◆ NCC LP0002 (2016-08-23)
- ◆ ANSI C63.10-2013
- ◆ KDB 558074 D01 v04
- ◆ 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	TH06-HY	Gary	22.2°C / 62%	27/Sep/2017
Radiated	03CH03-HY	Eric	23.5°C / 55%	27/Sep/2017
AC Conduction	CO04-HY	Eric	23.8°C / 53%	29/Sep/2017

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	2.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	2.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	2.9 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software	Dos
---------------	-----

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	55
2437MHz	55
2462MHz	55
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	55
2437MHz	55
2462MHz	55
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	55
2437MHz	55
2462MHz	55

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	Adapter mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands 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 < 1GHz	CTX/CRX		
1	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

2.4 Support Equipment

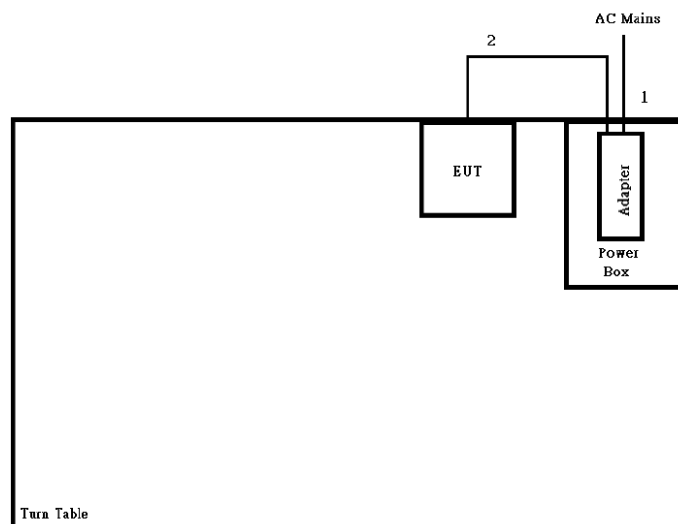
Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	-
2	Adapter for NB	DELL	HA65NM130	-
3	AC Source	GW	APS-9102	-

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	AC adapter	LPS	STD-05020U2	-

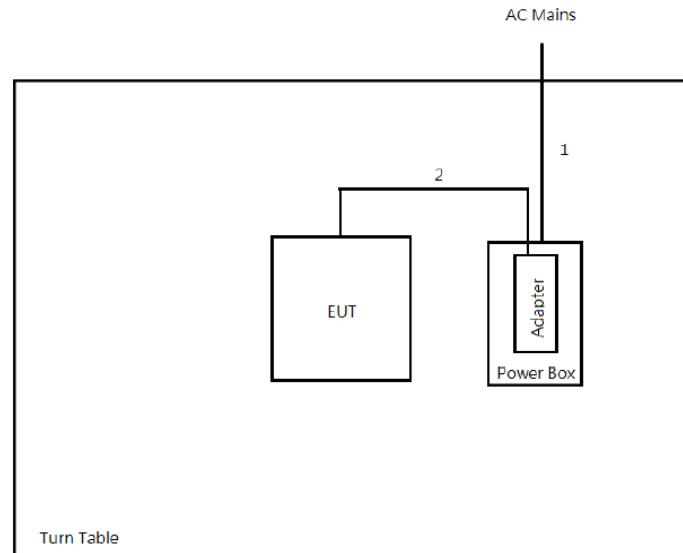
Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	AC adapter	LPS	STD-05020U2	-

2.5 Test Setup Diagram

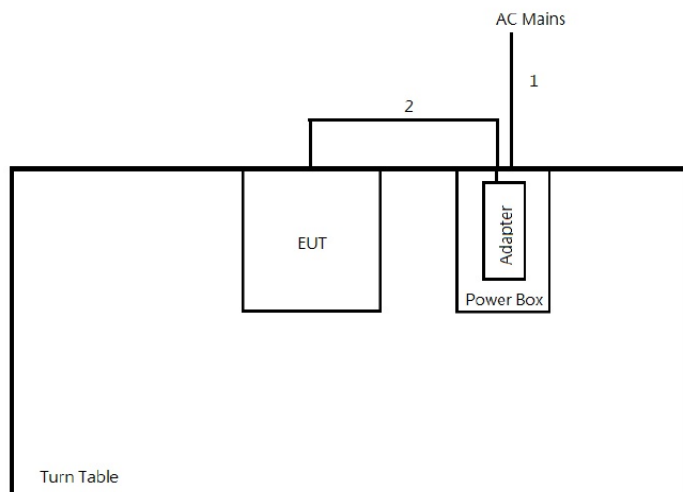
Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test -TX


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

Test Setup Diagram - Radiated Test -RX


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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

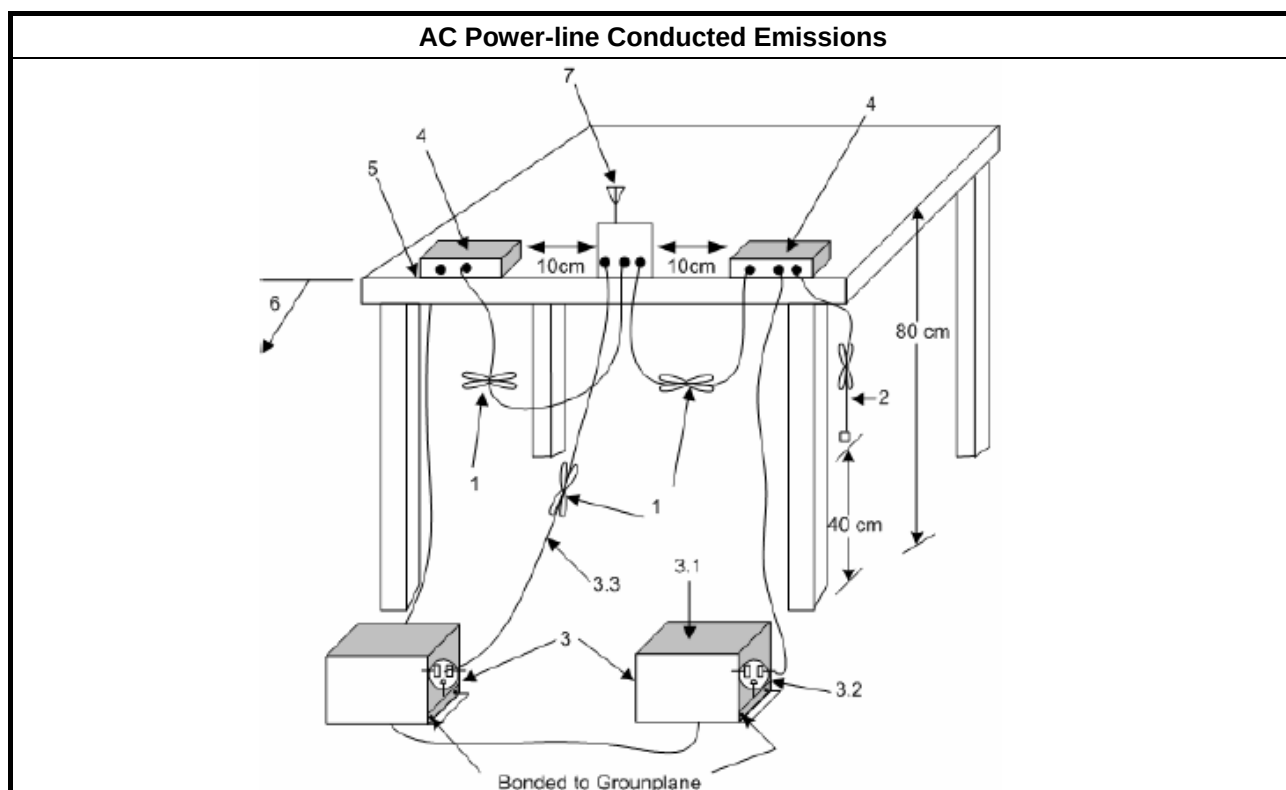
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



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.

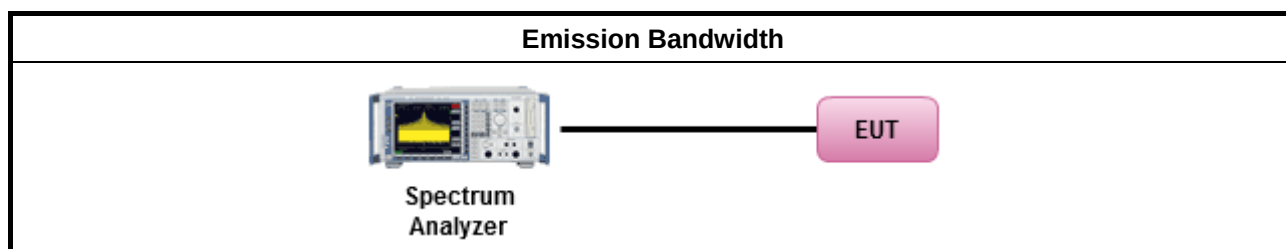
3.2.2 Measuring Instruments

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 8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as RSS-Gen, clause 6.6 for 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.		

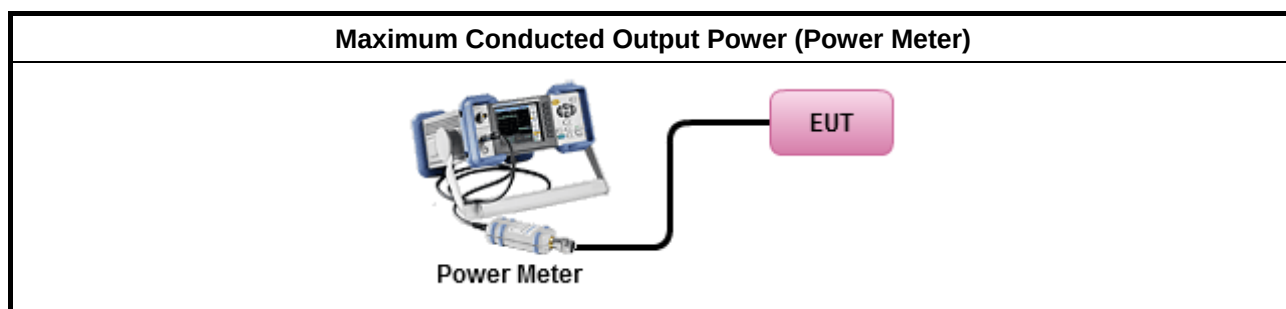
3.3.2 Measuring Instruments

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 9.1.1 Option 1 (RBW ≥ EBW method).
☐	Refer as KDB 558074, clause 9.1.2 Option 2 (integrated band power method)
☐	Refer as KDB 558074, clause 9.1.3 Option 3 (peak power meter for VBW ≥ DTS BW)
Maximum Average Conducted Output Power	
	Duty cycle ≥ 98%
☐	Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
	Duty cycle < 98%
☐	Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
	RF power meter and average over on/off periods with duty factor or gated trigger
☒	Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (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

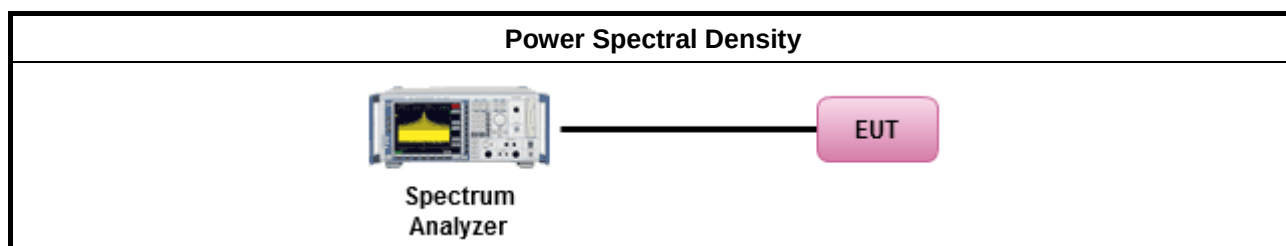
3.4.2 Measuring Instruments

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 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

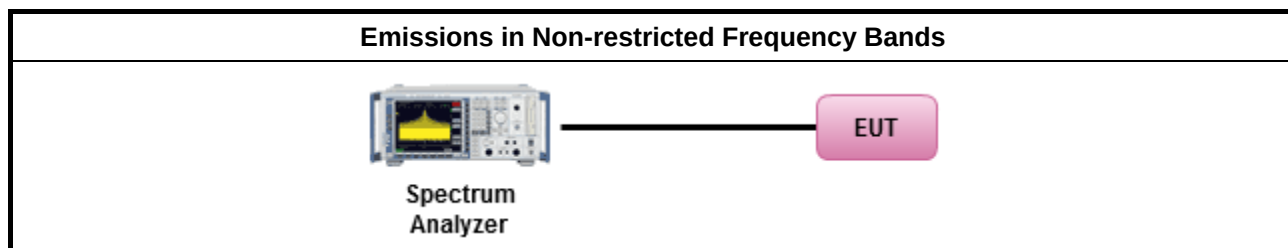
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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.

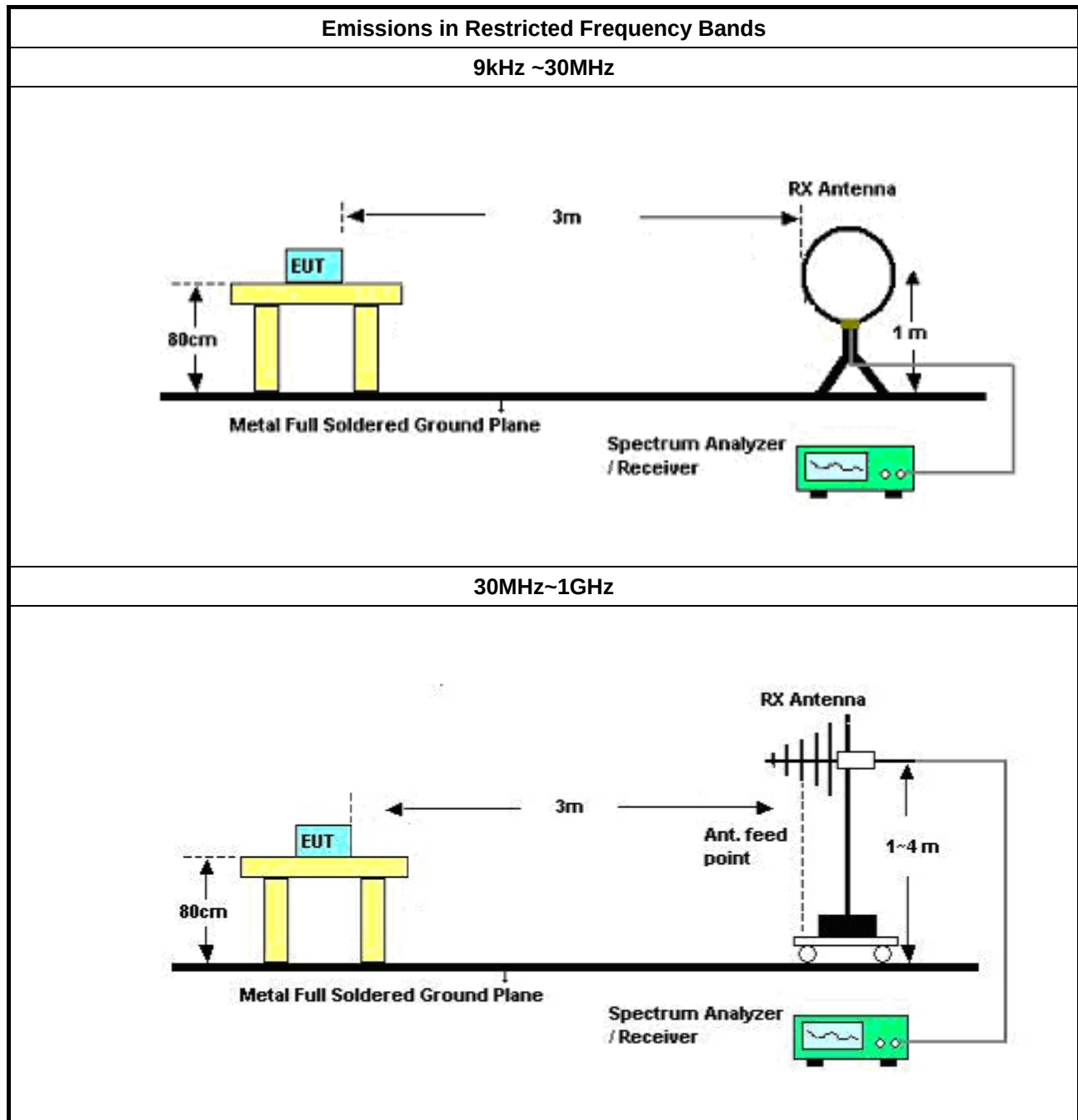
3.6.2 Measuring Instruments

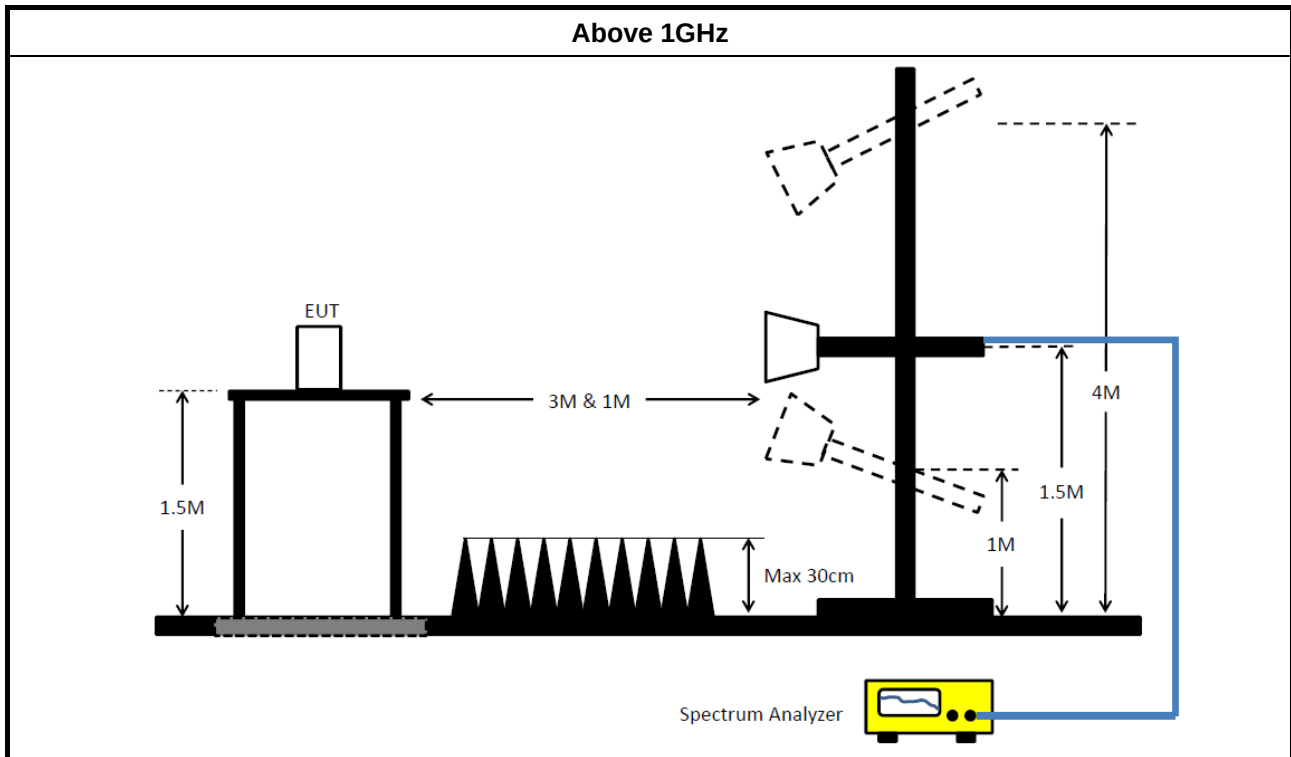
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.
	☒ Refer as KDB 558074, clause 12.2.5.3 (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW $\geq 1/T$.
	☒ Refer as KDB 558074, clause 12.2.4 measurement procedure peak limit.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 13.2 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
For conducted and cabinet radiation measurement, refer as KDB 558074, clause 12.2.2.	
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





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. All amplitude of spurious emissions that are attenuated by more than 20 dB 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.

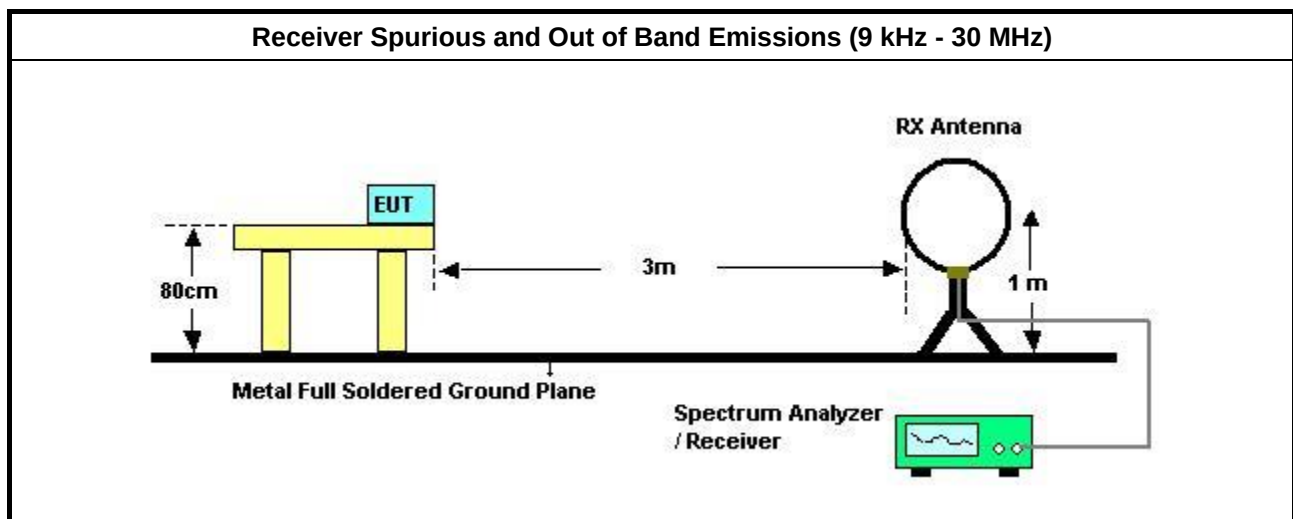
3.7.2 Measuring Instruments

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

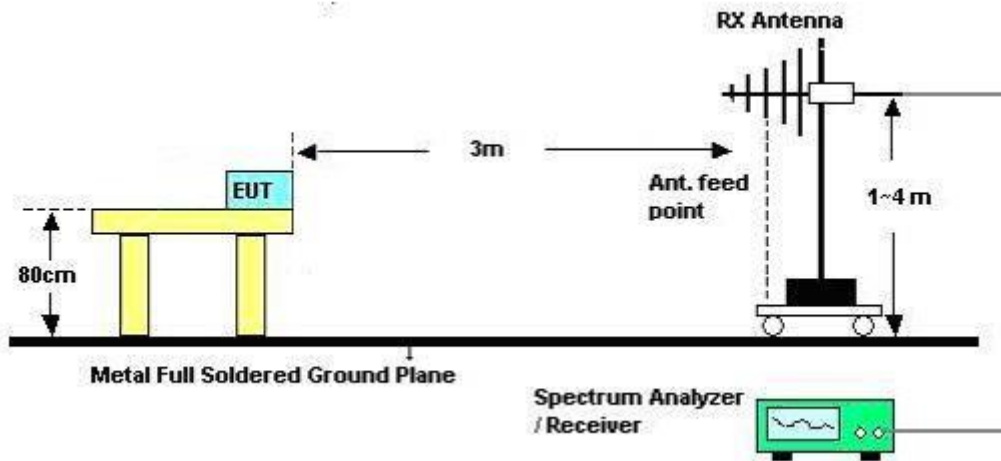
3.7.3 Test Procedures

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 KDB558074, clause 12.2.7.
☒	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.

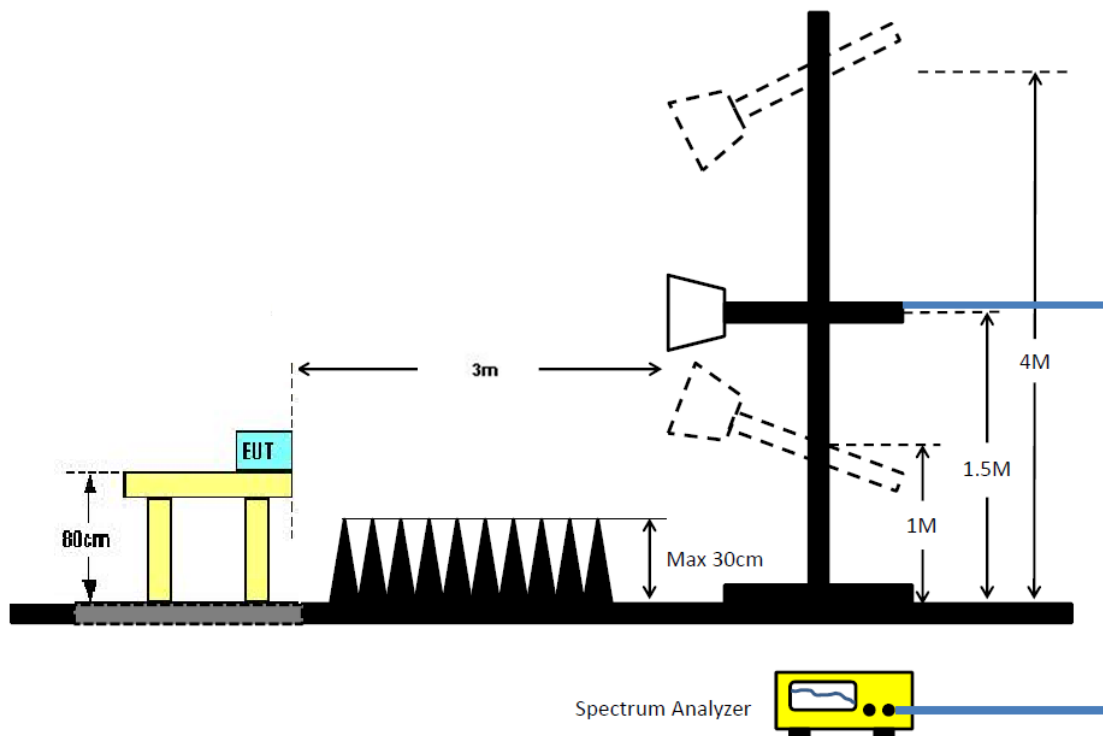
3.7.4 Test Setup



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. Any spurious which has more than 20 dB of margin compared to the applicable limit is not necessarily 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	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2017	14/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	R&S	ESH3-Z2	100921	10 kHz ~ 30 MHz	21/Oct/2016	20/Oct/2017

NCR : Non-Calibration Require

Instrument for Radiated Test

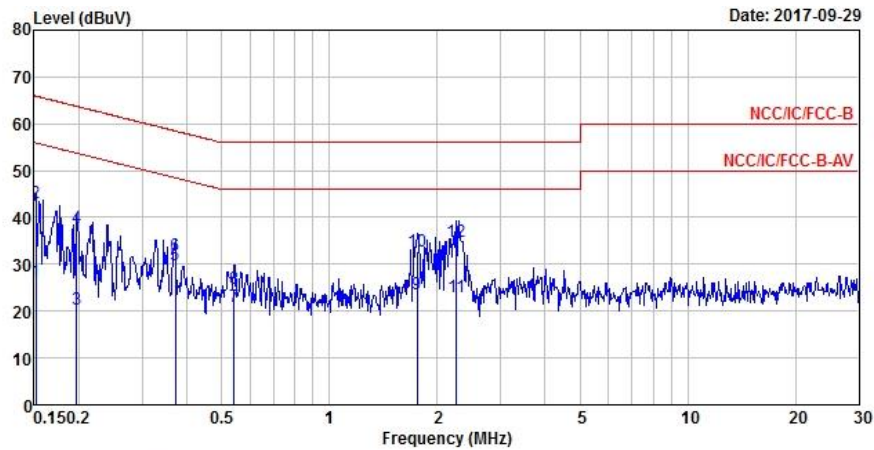
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz	28/Nov/2016	27/Nov/2017
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz	16/Dec/2016	15/Dec/2017
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	19/Apr/2017	18/Apr/2018
Amplifier	KEYSIGHT	83017A	MY53270197	1GHz ~ 26.5GHz	31/Aug/2017	30/Aug/2018
Spectrum	R&S	FSV40	101500	9kHz ~ 40GHz	28/Jun/2017	27/Jun/2018
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30MHz ~ 1GHz	08/Jul/2017	07/Jul/2018
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120D 1531	1GHz ~ 18GHz	25/Apr/2017	24/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz~30 MHz	02/Mar/2017	01/Mar/2018
RF-Cable-high	SUHNER	SUHNER	CB222	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018
Amplifier	MUTEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

**Instrument for Conducted Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY677/3	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY678/3	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10717/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter mode(CTX)		

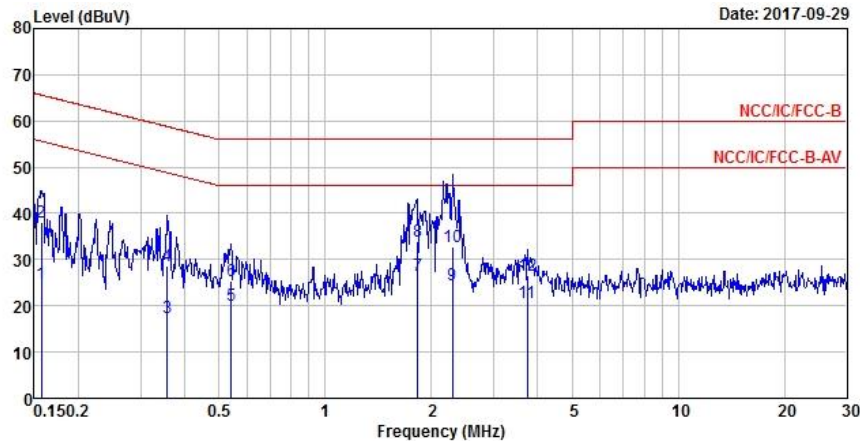


	Freq	Level	Over Limit	Limit Line	Read Level	LISM Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15160	26.39	-29.52	55.91	16.57	9.60	0.22	Average
2	0.15160	42.98	-22.93	65.91	33.16	9.60	0.22	QP
3	0.19654	20.48	-33.28	53.76	10.51	9.67	0.30	Average
4	0.19654	37.73	-26.03	63.76	27.76	9.67	0.30	QP
5 MAX	0.37117	29.82	-18.65	48.47	20.07	9.63	0.12	Average
6	0.37117	31.87	-26.60	58.47	22.12	9.63	0.12	QP
7	0.54068	20.85	-25.15	46.00	11.13	9.62	0.10	Average
8	0.54068	24.91	-31.09	56.00	15.19	9.62	0.10	QP
9	1.75295	23.57	-22.43	46.00	13.67	9.64	0.26	Average
10	1.75295	32.80	-23.20	56.00	22.90	9.64	0.26	QP
11	2.26057	22.91	-23.09	46.00	12.98	9.66	0.27	Average
12	2.26057	34.93	-21.07	56.00	25.00	9.66	0.27	QP

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

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter mode(CTX)		

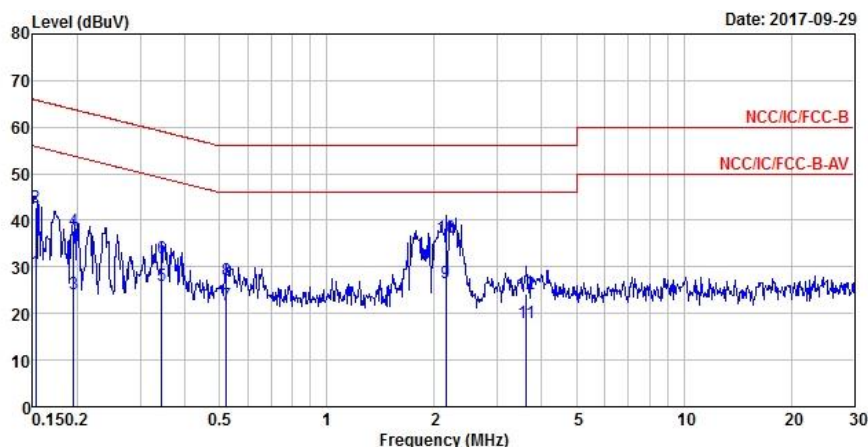


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15733	24.76	-30.84	55.60	14.87	9.66	0.23	Average
2	0.15733	38.16	-27.44	65.60	28.27	9.66	0.23	QP
3	0.35765	17.28	-31.50	48.78	7.47	9.68	0.13	Average
4	0.35765	28.54	-30.24	58.78	18.73	9.68	0.13	QP
5	0.54068	20.10	-25.90	46.00	10.34	9.66	0.10	Average
6	0.54068	25.27	-30.73	56.00	15.51	9.66	0.10	QP
7 MAX	1.82885	26.57	-19.43	46.00	16.53	9.77	0.27	Average
8	1.82885	33.87	-22.13	56.00	23.83	9.77	0.27	QP
9	2.29679	24.42	-21.58	46.00	14.37	9.79	0.26	Average
10	2.29679	32.67	-23.33	56.00	22.62	9.79	0.26	QP
11	3.73953	20.58	-25.42	46.00	10.69	9.77	0.12	Average
12	3.73953	26.47	-29.53	56.00	16.58	9.77	0.12	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	Adapter mode(CRX)		

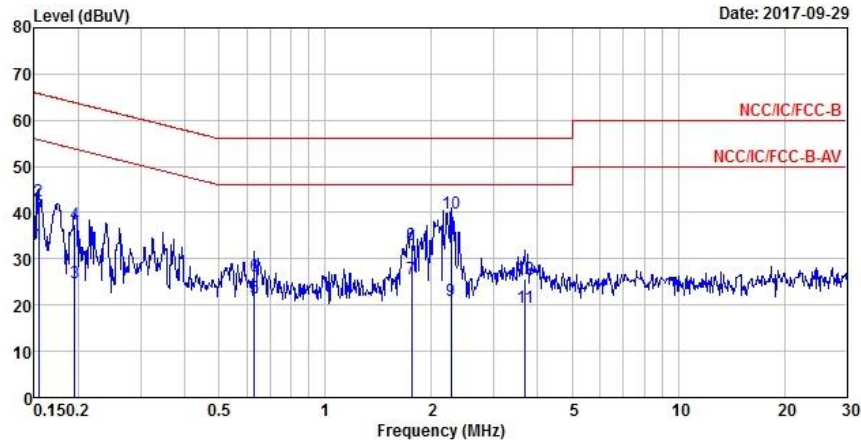


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15321	29.05	-26.77	55.82	19.23	9.60	0.22	Average
2	0.15321	42.87	-22.95	65.82	33.05	9.60	0.22	QP
3	0.19550	24.33	-29.47	53.80	14.38	9.66	0.29	Average
4	0.19550	37.71	-26.09	63.80	27.76	9.66	0.29	QP
5	0.34463	26.06	-23.03	49.09	16.28	9.64	0.14	Average
6	0.34463	31.81	-27.28	59.09	22.03	9.64	0.14	QP
7	0.52376	21.75	-24.25	46.00	12.03	9.62	0.10	Average
8	0.52376	27.20	-28.80	56.00	17.48	9.62	0.10	QP
9 MAX	2.15531	26.57	-19.43	46.00	16.63	9.66	0.28	Average
10	2.15531	36.28	-19.72	56.00	26.34	9.66	0.28	QP
11	3.62252	17.99	-28.01	46.00	8.16	9.70	0.13	Average
12	3.62252	24.23	-31.77	56.00	14.40	9.70	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	1	Power Phase	Line
Operating Function	Adapter mode(CRX)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15403	33.11	-22.67	55.78	23.23	9.66	0.22	Average
2	0.15403	42.45	-23.33	65.78	32.57	9.66	0.22	QP
3	0.19550	24.85	-28.95	53.80	14.91	9.65	0.29	Average
4	0.19550	37.61	-26.19	63.80	27.67	9.65	0.29	QP
5	0.63048	21.47	-24.53	46.00	11.71	9.66	0.10	Average
6	0.63048	26.18	-29.82	56.00	16.42	9.66	0.10	QP
7	1.75295	25.76	-20.24	46.00	15.74	9.76	0.26	Average
8	1.75295	33.16	-22.84	56.00	23.14	9.76	0.26	QP
9	2.27258	20.99	-25.01	46.00	10.94	9.79	0.26	Average
10 MAX	2.27258	39.91	-16.09	56.00	29.86	9.79	0.26	QP
11	3.68056	19.50	-26.50	46.00	9.60	9.77	0.13	Average
12	3.68056	25.71	-30.29	56.00	15.81	9.77	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	9.025M	10.345M	10M3G1D	8.075M	10.295M
802.11g_Nss1,(6Mbps)_1TX	16.375M	16.667M	16M7D1D	16.325M	16.617M
802.11n HT20_Nss1,(MCS0)_1TX	17.6M	17.841M	17M8D1D	17.575M	17.791M

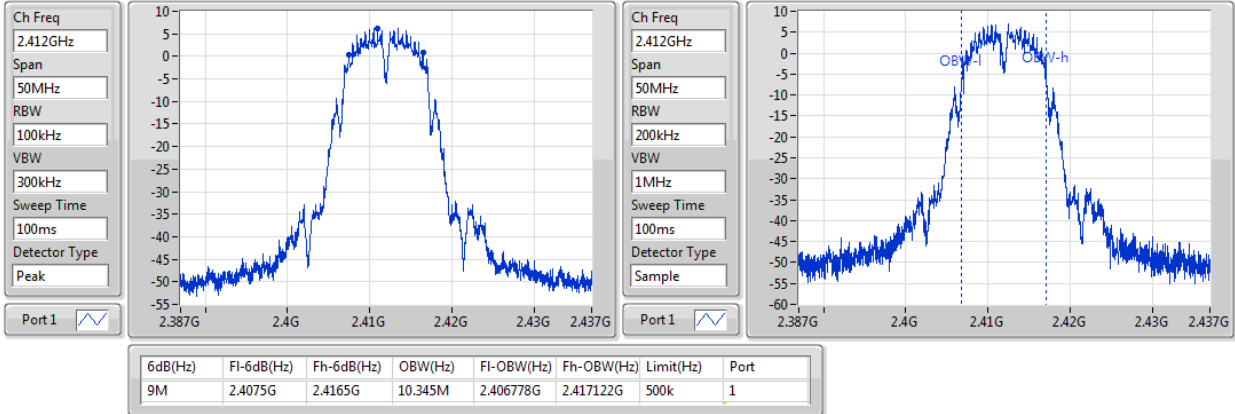
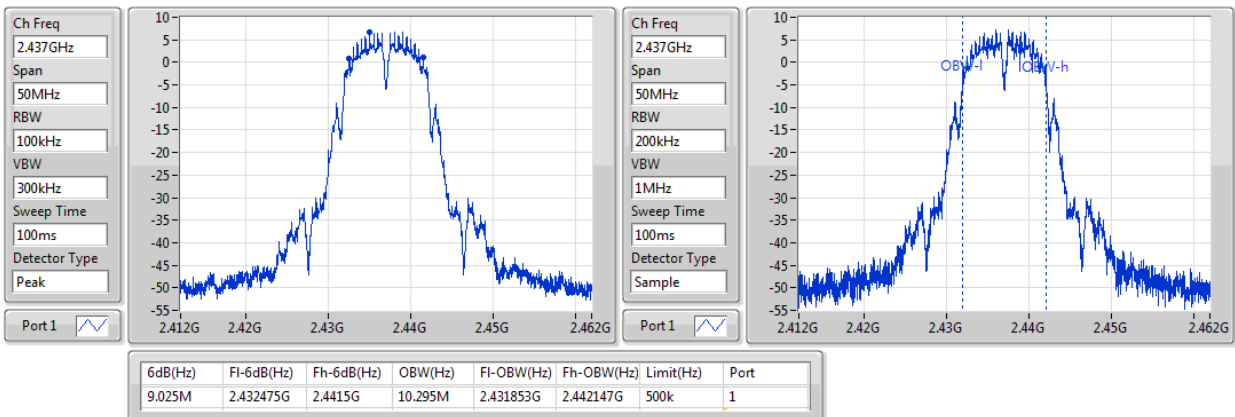
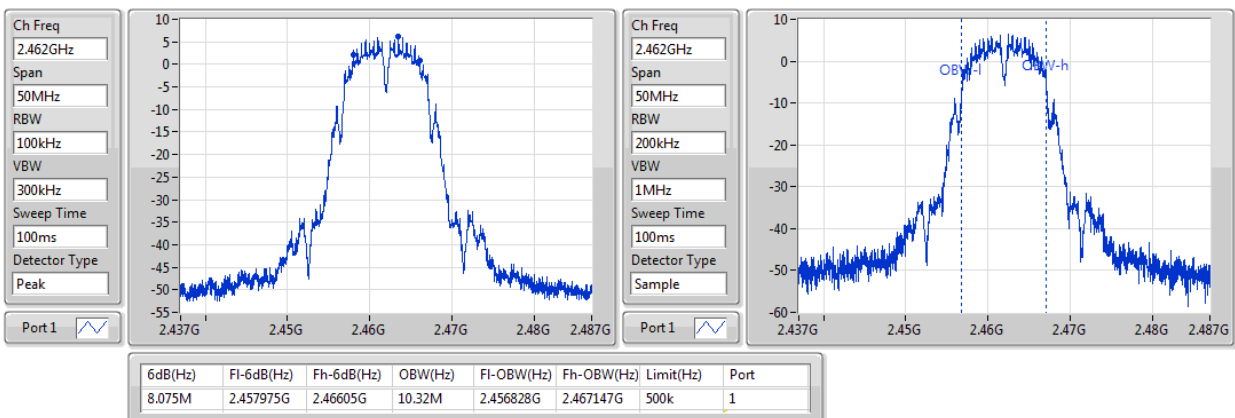
Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

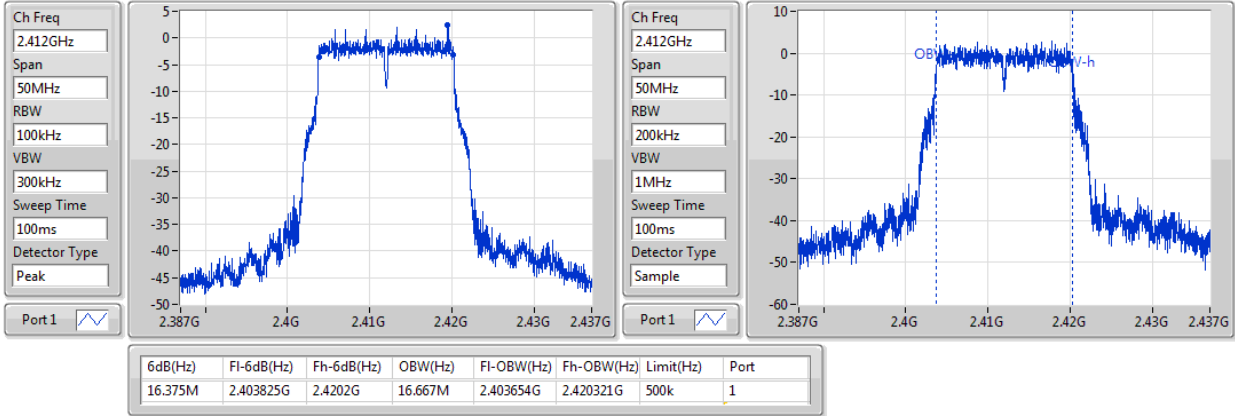
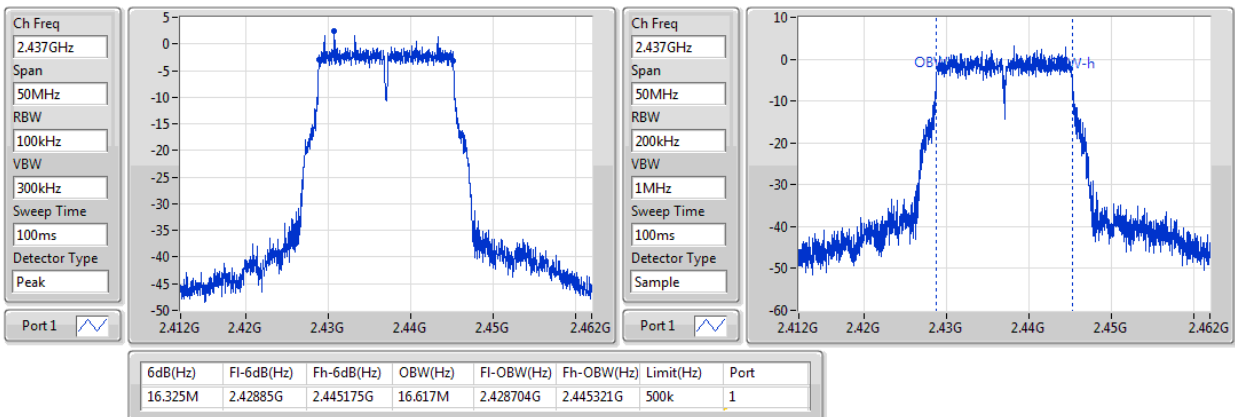
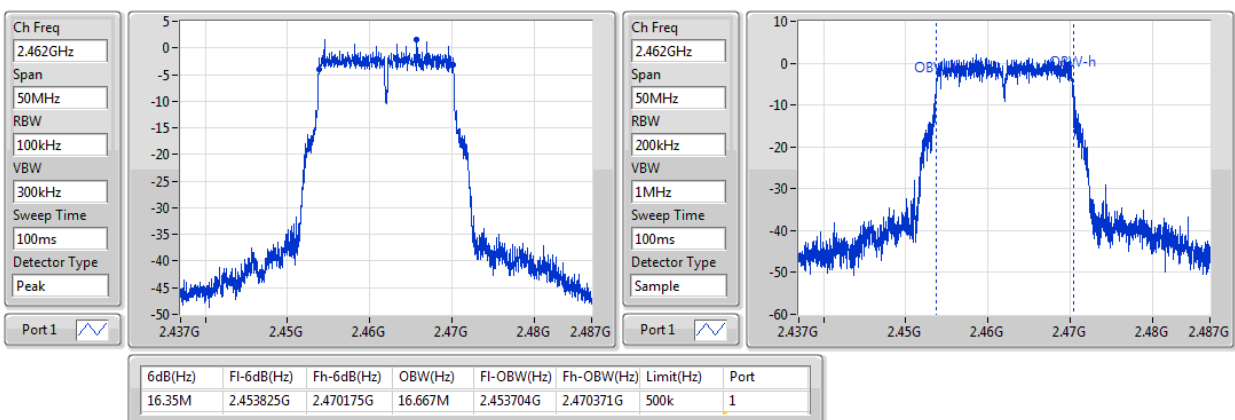
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

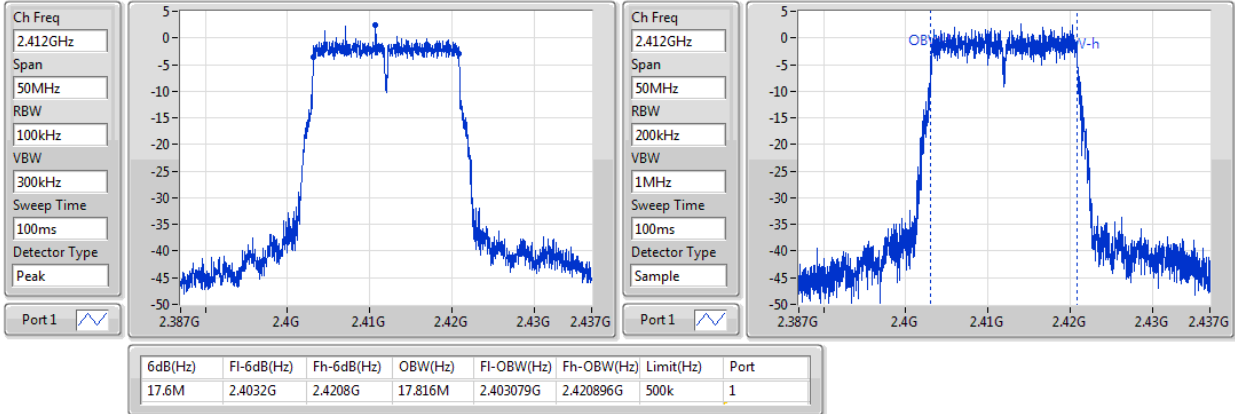
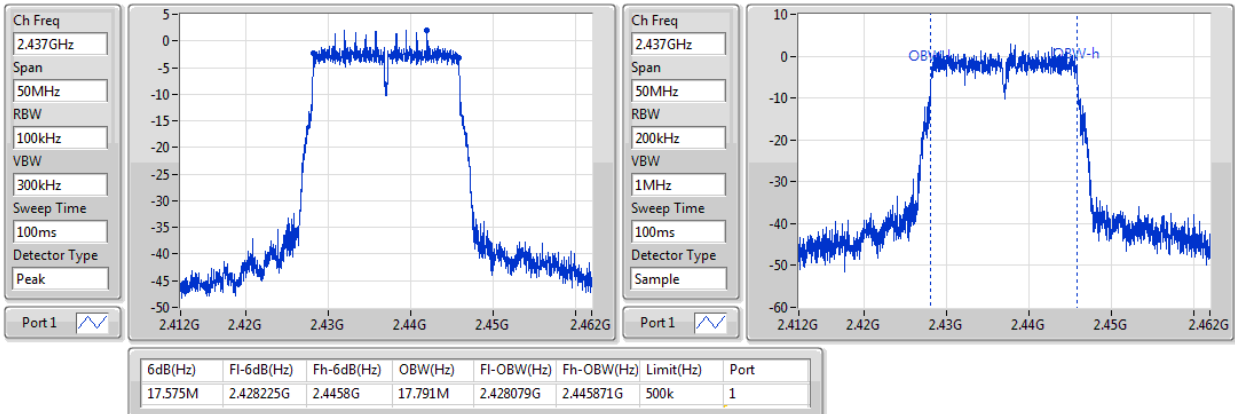
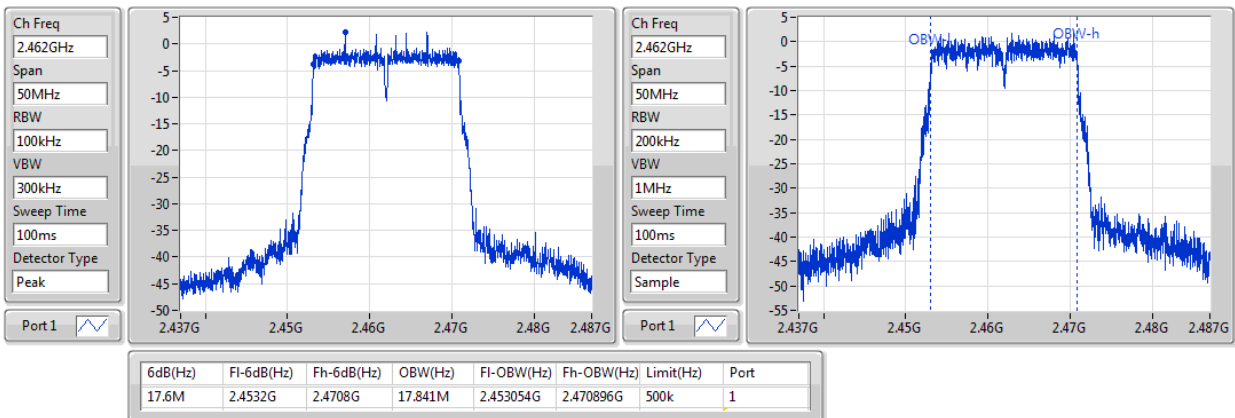
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	9M	10.345M
2437MHz_TnomVnom	Pass	500k	9.025M	10.295M
2462MHz_TnomVnom	Pass	500k	8.075M	10.32M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.375M	16.667M
2437MHz_TnomVnom	Pass	500k	16.325M	16.617M
2462MHz_TnomVnom	Pass	500k	16.35M	16.667M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.6M	17.816M
2437MHz_TnomVnom	Pass	500k	17.575M	17.791M
2462MHz_TnomVnom	Pass	500k	17.6M	17.841M

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

802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

802.11b_Nss1,(1Mbps)_1TX
EBW
2462MHz


802.11g_Nss1,(6Mbps)_1TX
EBW
2412MHz

802.11g_Nss1,(6Mbps)_1TX
EBW
2437MHz

802.11g_Nss1,(6Mbps)_1TX
EBW
2462MHz


802.11n HT20_Nss1,(MCS0)_1TX
EBW
2412MHz

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2437MHz

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2462MHz


Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	15.80	0.03802
802.11g_Nss1,(6Mbps)_1TX	14.18	0.02618
802.11n HT20_Nss1,(MCS0)_1TX	14.48	0.02805

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.98	15.59	15.59	30.00
2437MHz_TnomVnom	Pass	1.98	15.80	15.80	30.00
2462MHz_TnomVnom	Pass	1.98	15.06	15.06	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.98	14.09	14.09	30.00
2437MHz_TnomVnom	Pass	1.98	14.18	14.18	30.00
2462MHz_TnomVnom	Pass	1.98	13.76	13.76	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.98	14.48	14.48	30.00
2437MHz_TnomVnom	Pass	1.98	13.85	13.85	30.00
2462MHz_TnomVnom	Pass	1.98	13.78	13.78	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	-8.10
802.11g_Nss1,(6Mbps)_1TX	-11.78
802.11n HT20_Nss1,(MCS0)_1TX	-11.50

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.98	-8.10	-8.10	8.00
2437MHz_TnomVnom	Pass	1.98	-8.75	-8.75	8.00
2462MHz_TnomVnom	Pass	1.98	-8.46	-8.46	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.98	-11.78	-11.78	8.00
2437MHz_TnomVnom	Pass	1.98	-11.88	-11.88	8.00
2462MHz_TnomVnom	Pass	1.98	-12.65	-12.65	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.98	-11.50	-11.50	8.00
2437MHz_TnomVnom	Pass	1.98	-12.43	-12.43	8.00
2462MHz_TnomVnom	Pass	1.98	-12.71	-12.71	8.00

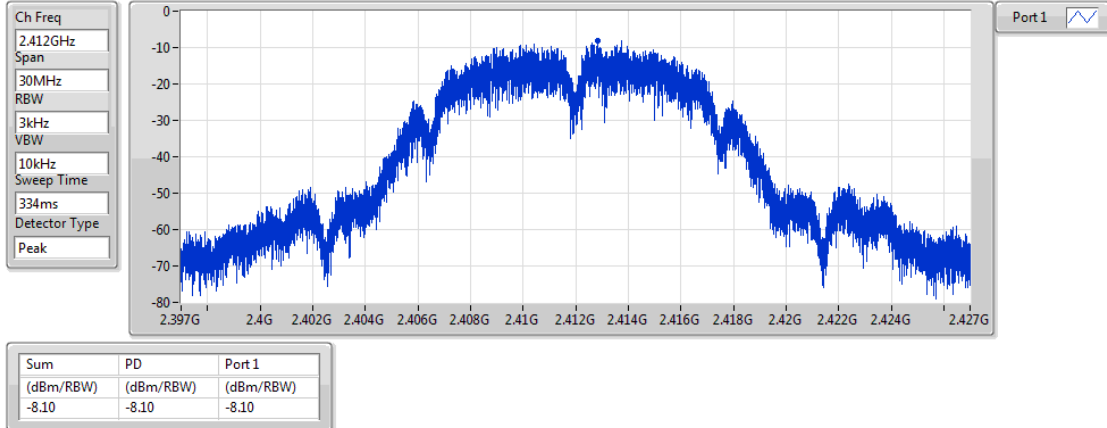
DG = Directional Gain; RBW=3kHz;

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

802.11b_Nss1,(1Mbps)_1TX

PSD

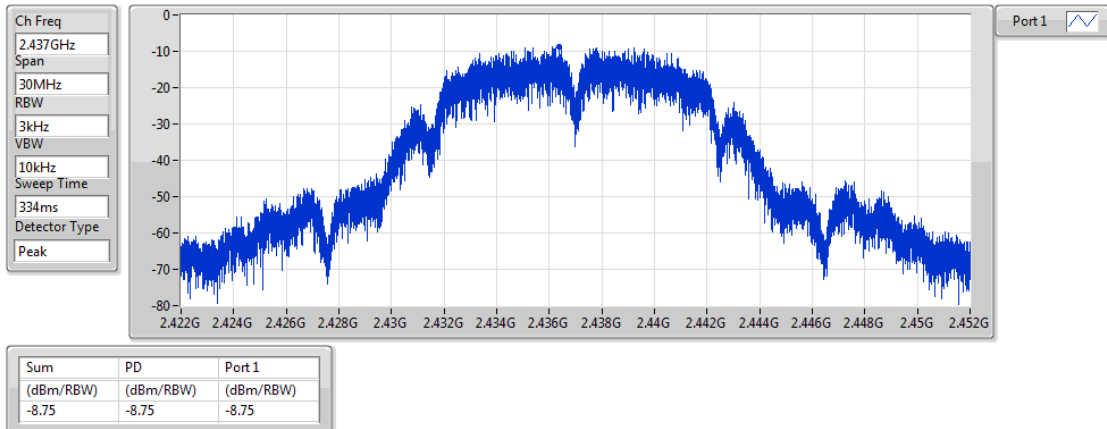
2412MHz



802.11b_Nss1,(1Mbps)_1TX

PSD

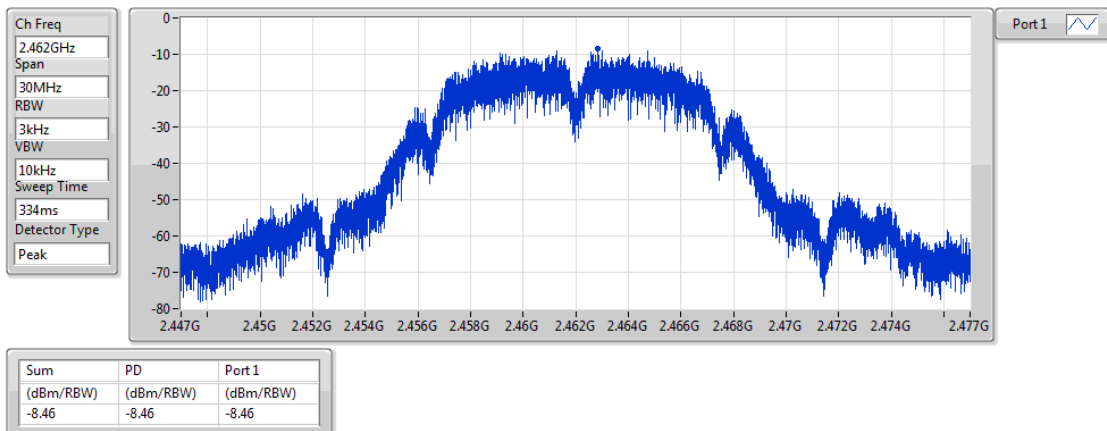
2437MHz



802.11b_Nss1,(1Mbps)_1TX

PSD

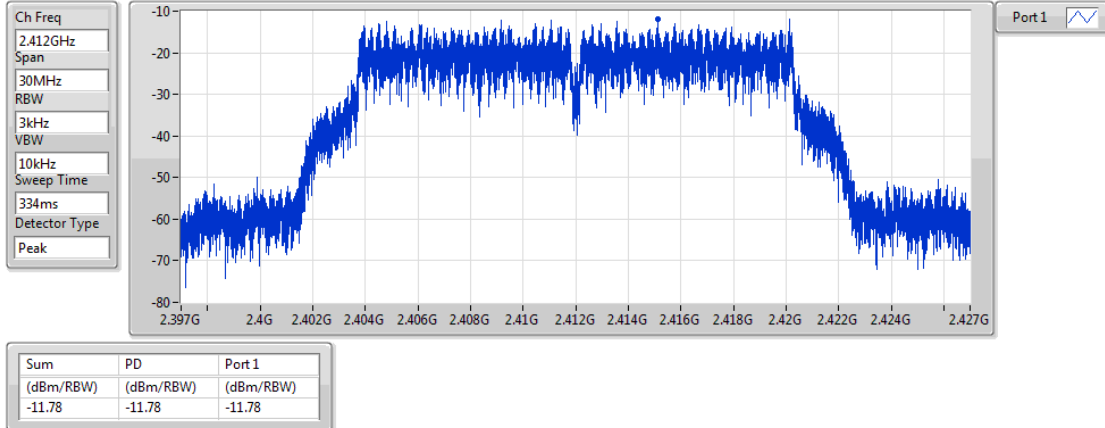
2462MHz



802.11g_Nss1,(6Mbps)_1TX

PSD

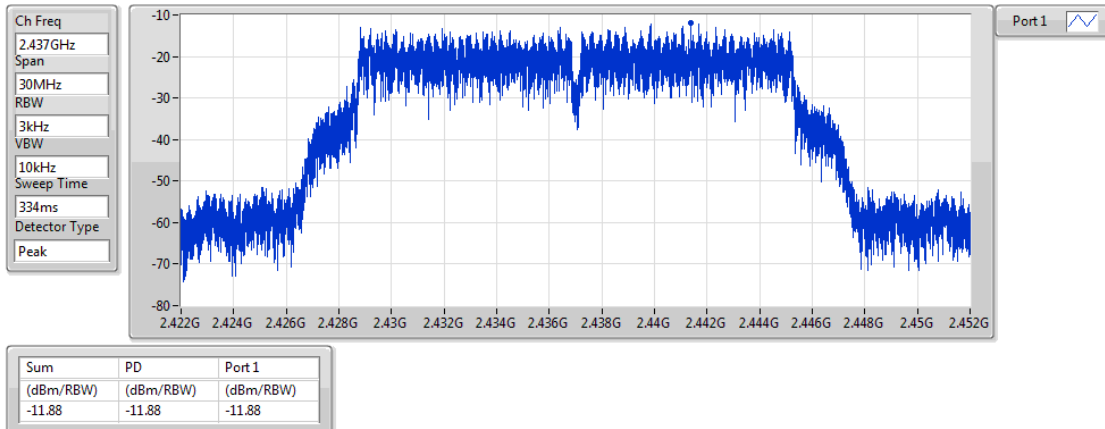
2412MHz



802.11g_Nss1,(6Mbps)_1TX

PSD

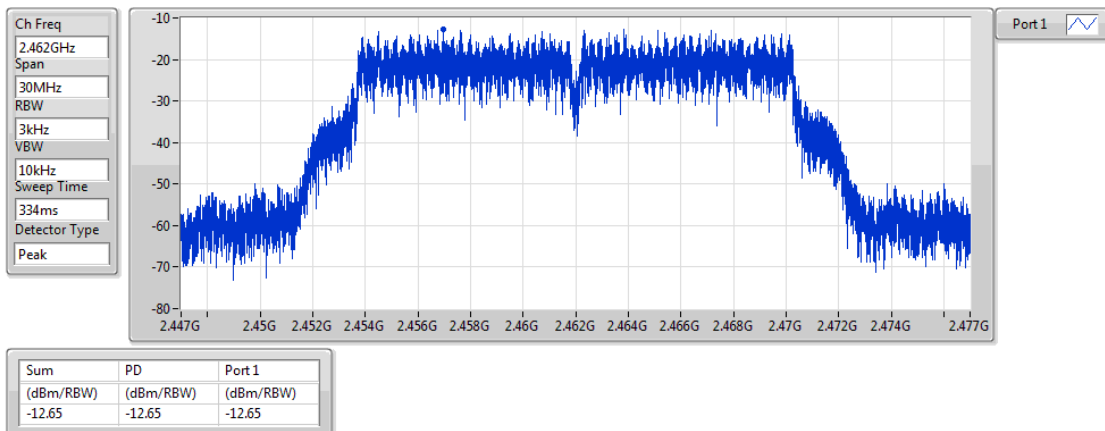
2437MHz



802.11g_Nss1,(6Mbps)_1TX

PSD

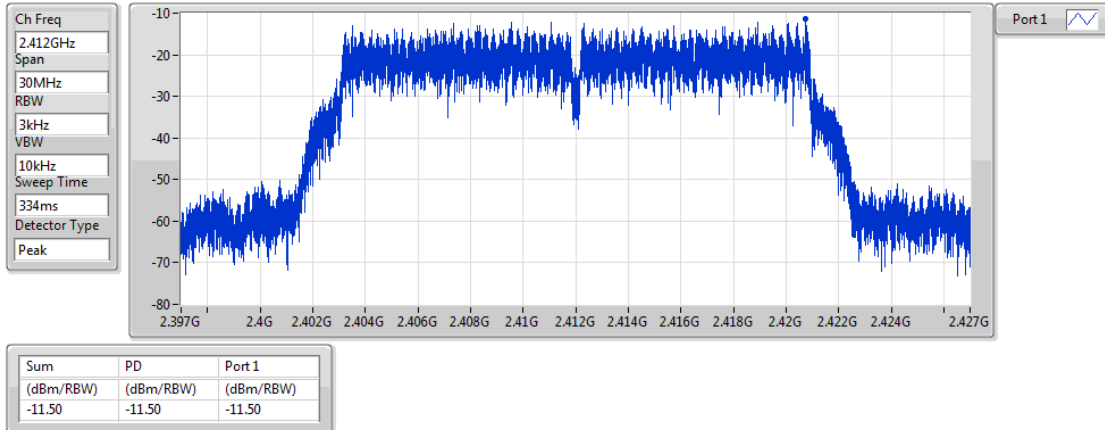
2462MHz



802.11n HT20_Nss1,(MCS0)_1TX

PSD

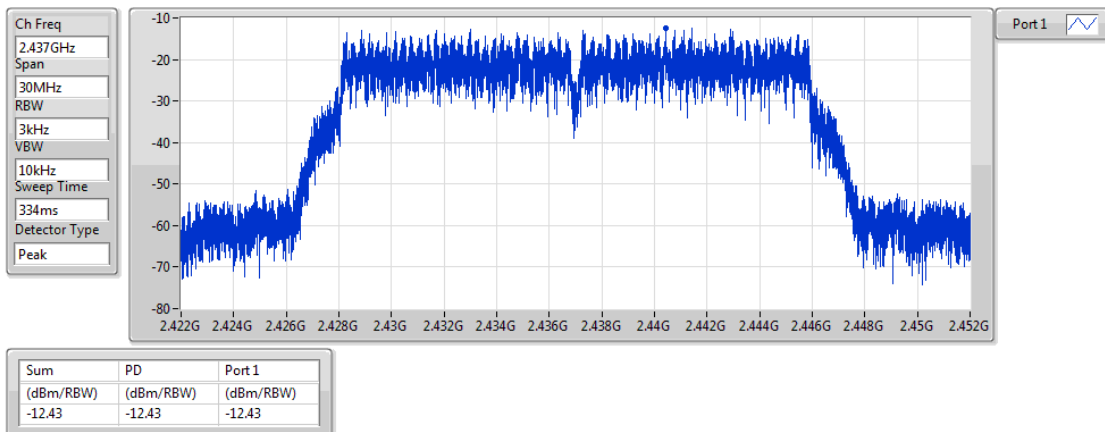
2412MHz



802.11n HT20_Nss1,(MCS0)_1TX

PSD

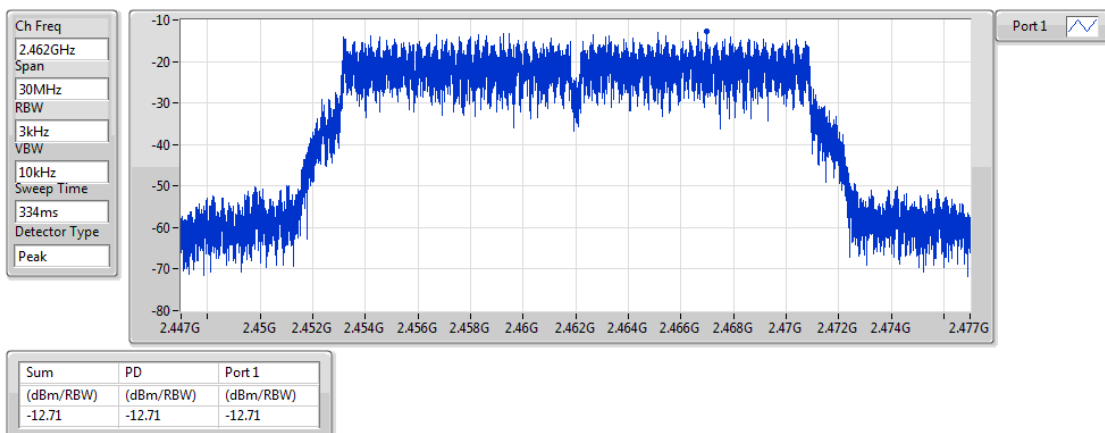
2437MHz



802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.438577G	6.55	-23.45	2.1969G	-57.94	2.39992G	-41.03	2.50158G	-55.78	7.235136G	-51.26	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.441917G	2.01	-27.99	2.165445G	-57.37	2.39976G	-34.25	2.48398G	-55.71	16.262261G	-52.53	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.414529G	1.96	-28.04	781.425M	-58.44	2.39976G	-34.82	2.48398G	-55.71	23.300215G	-52.30	1

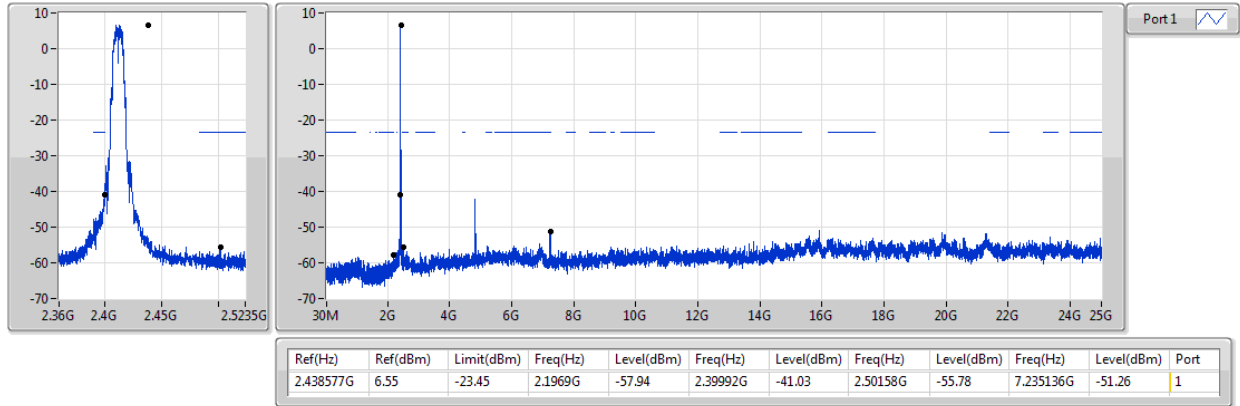
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.438577G	6.55	-23.45	2.1969G	-57.94	2.39992G	-41.03	2.50158G	-55.78	7.235136G	-51.26	1
2437MHz_TnomVnom	Pass	2.438577G	6.55	-23.45	2.30641G	-57.93	2.39248G	-56.08	2.52334G	-56.16	16.318452G	-53.06	1
2462MHz_TnomVnom	Pass	2.438577G	6.55	-23.45	2.305245G	-57.16	2.39904G	-56.65	2.48358G	-51.67	23.252452G	-52.98	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.441917G	2.01	-27.99	2.165445G	-57.37	2.39976G	-34.25	2.48398G	-55.71	16.262261G	-52.53	1
2437MHz_TnomVnom	Pass	2.441917G	2.01	-27.99	2.17826G	-57.51	2.3972G	-51.75	2.48494G	-55.51	16.470168G	-52.87	1
2462MHz_TnomVnom	Pass	2.441917G	2.01	-27.99	2.30408G	-57.55	2.39272G	-56.01	2.48486G	-43.44	23.213118G	-52.71	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.414529G	1.96	-28.04	781.425M	-58.44	2.39976G	-34.82	2.48398G	-55.71	23.300215G	-52.30	1
2437MHz_TnomVnom	Pass	2.414529G	1.96	-28.04	775.6M	-56.86	2.39984G	-51.24	2.48622G	-55.13	23.471598G	-52.33	1
2462MHz_TnomVnom	Pass	2.414529G	1.96	-28.04	2.144475G	-57.21	2.39024G	-56.72	2.48486G	-40.00	17.61366G	-52.27	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

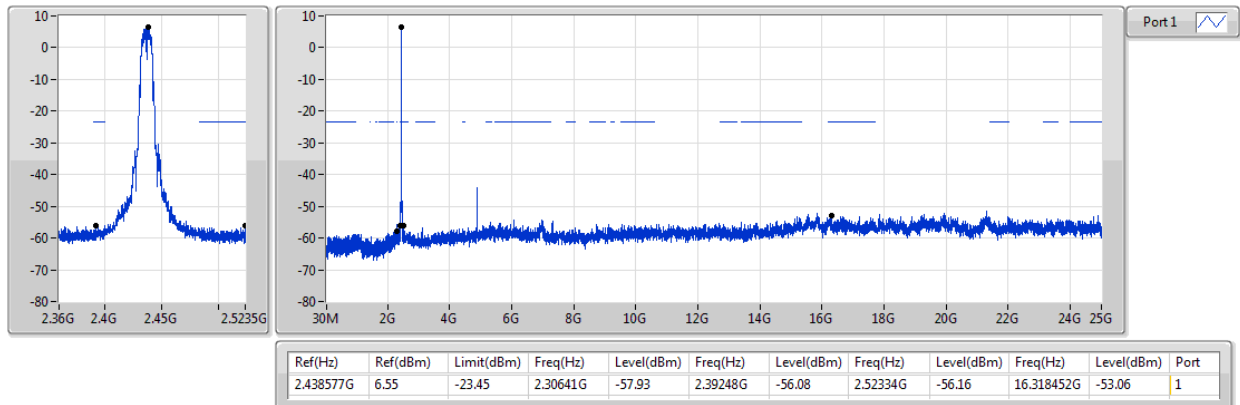
2412MHz



802.11b_Nss1,(1Mbps)_1TX

CSE NdB

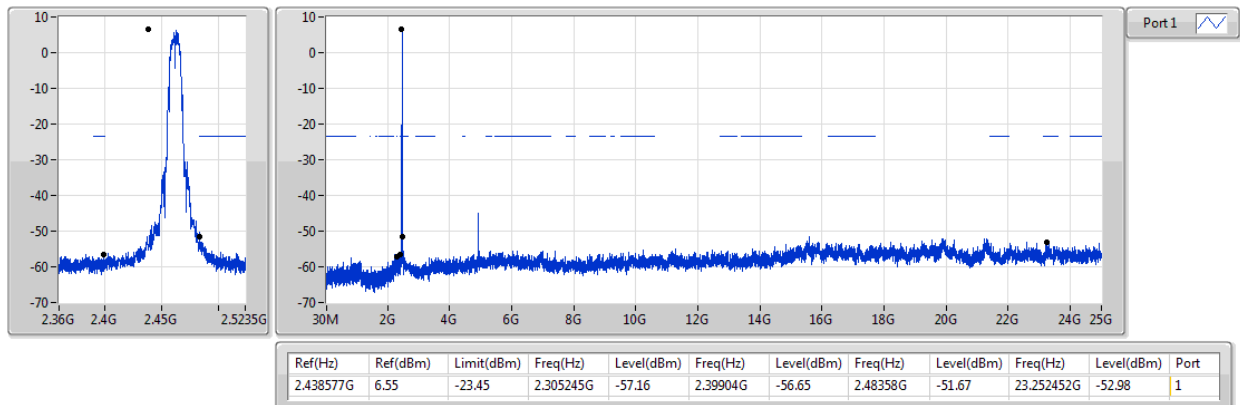
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802.11b_Nss1,(1Mbps)_1TX

CSE NdB

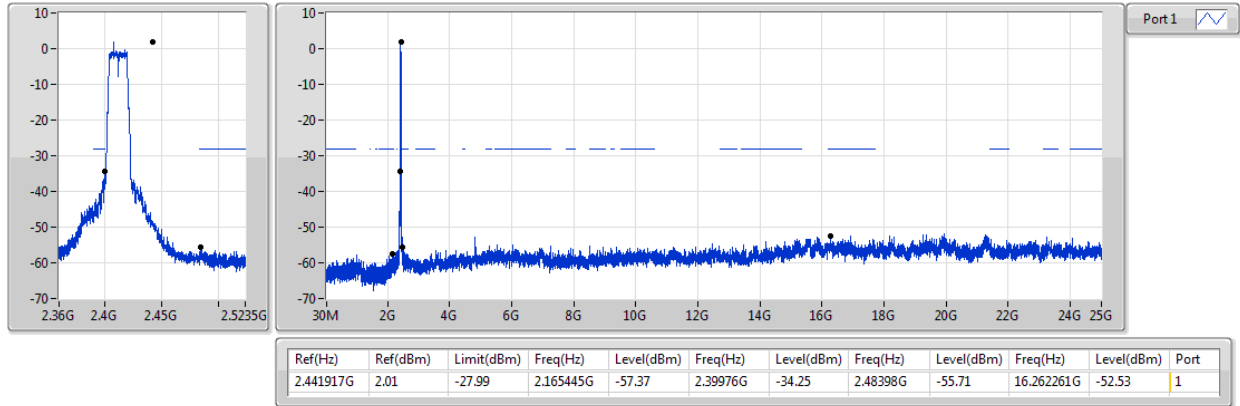
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802.11g_Nss1,(6Mbps)_1TX

CSE NdB

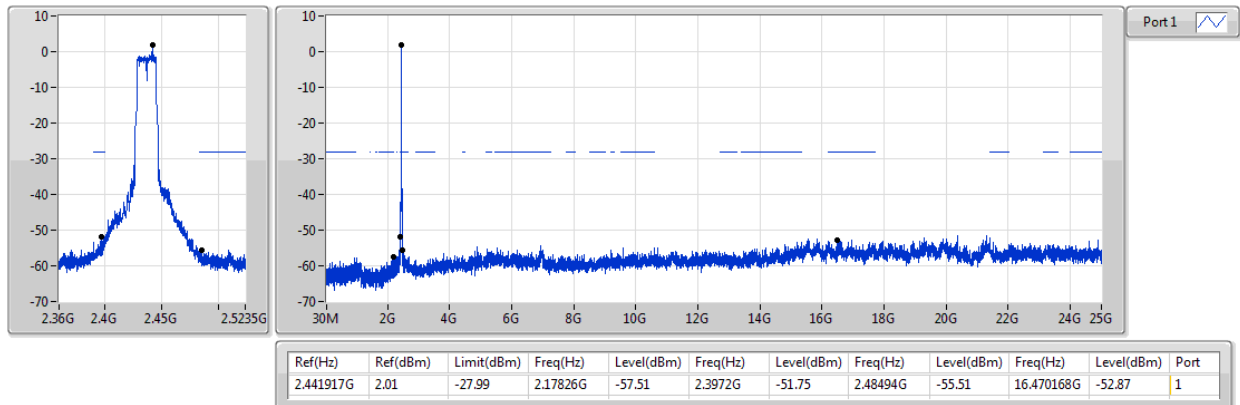
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802.11g_Nss1,(6Mbps)_1TX

CSE NdB

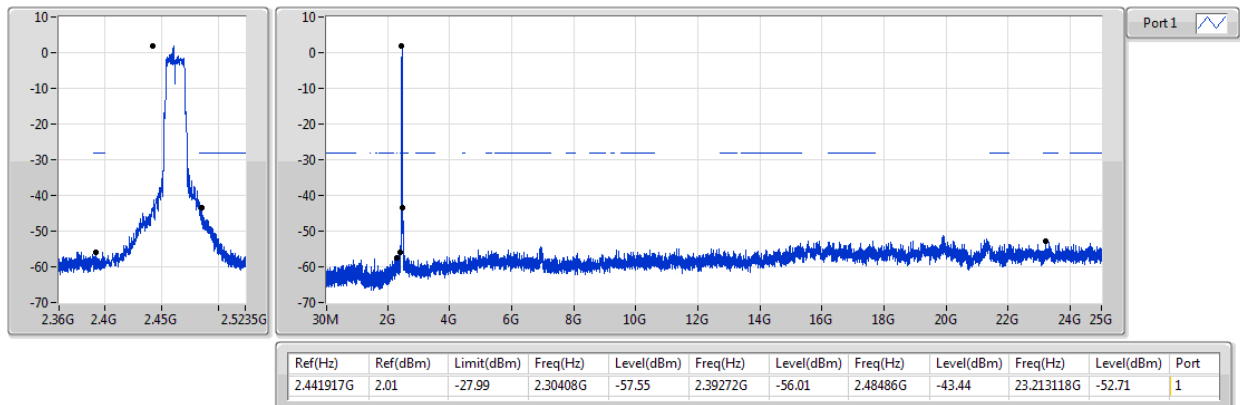
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802.11g_Nss1,(6Mbps)_1TX

CSE NdB

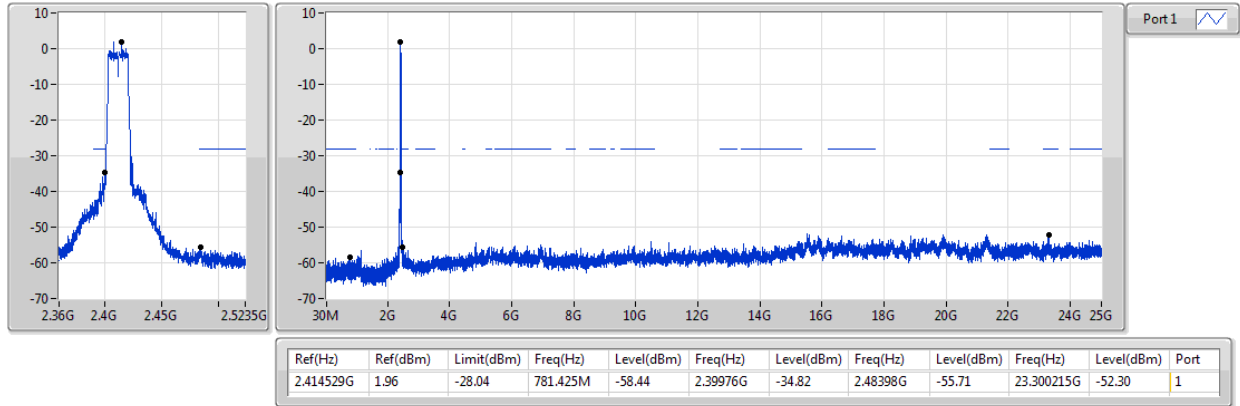
2462MHz



802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

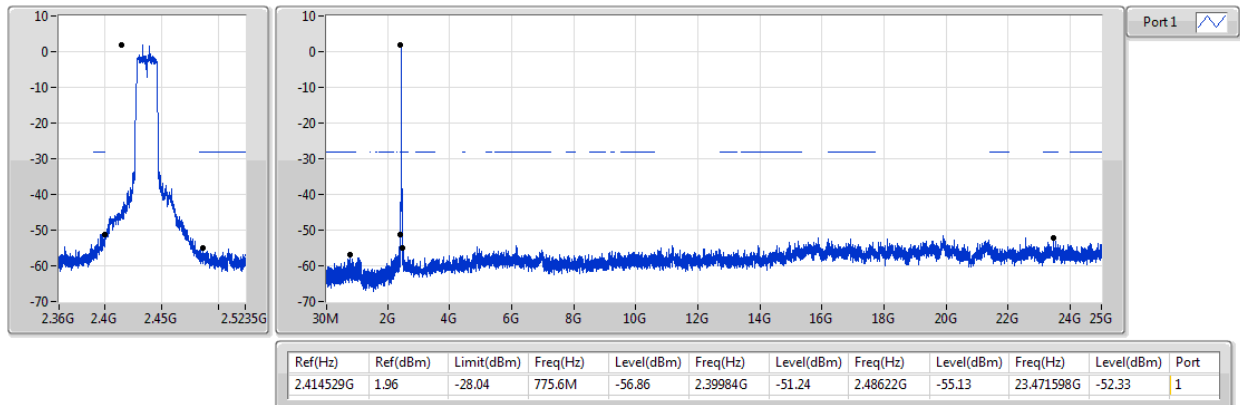
2412MHz



802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

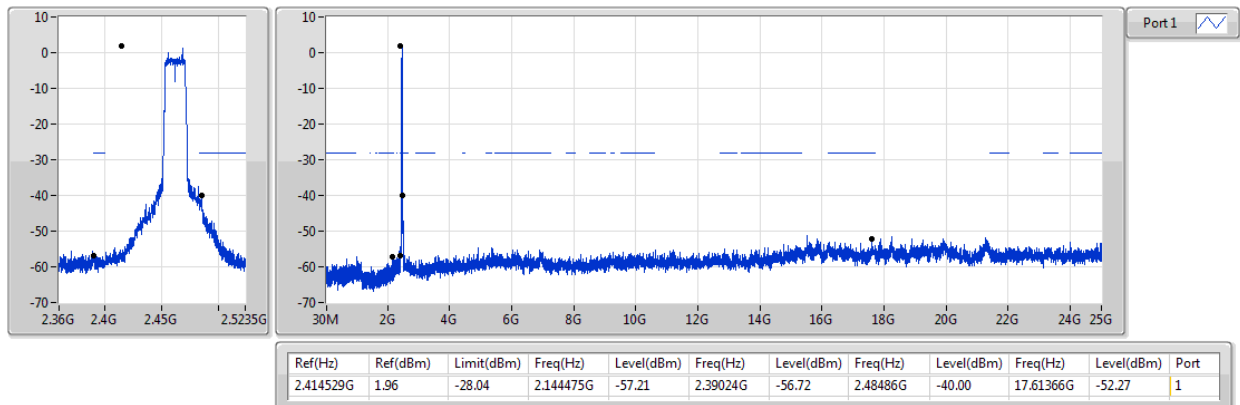
2437MHz



802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2462MHz



Summary

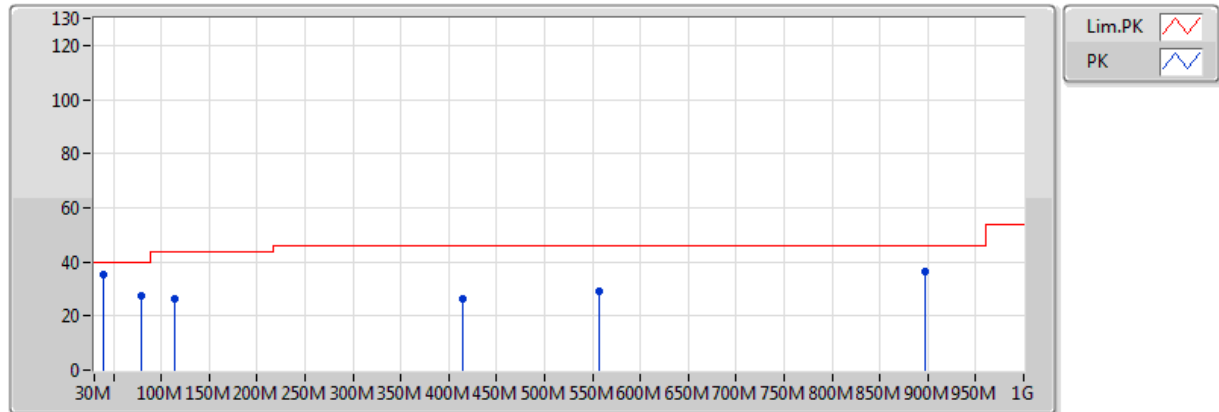
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	PK	39.7M	35.33	40.00	-4.67	-7.84	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	26.73	40.00	-13.27	-2.39	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	70.74M	22.25	40.00	-17.75	-14.05	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	243.4M	21.57	46.00	-24.43	-7.26	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	559.62M	28.28	46.00	-17.72	-0.53	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	676.02M	29.44	46.00	-16.56	0.22	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	897.18M	38.74	46.00	-7.26	2.79	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	39.7M	35.33	40.00	-4.67	-7.84	3	Vertical	0	1.00	-
2437MHz	Pass	PK	78.5M	27.56	40.00	-12.44	-13.60	3	Vertical	0	1.00	-
2437MHz	Pass	PK	113.42M	26.32	43.50	-17.18	-8.15	3	Vertical	0	1.00	-
2437MHz	Pass	PK	414.12M	26.37	46.00	-19.63	-2.86	3	Vertical	0	1.00	-
2437MHz	Pass	PK	557.68M	28.96	46.00	-17.04	-0.49	3	Vertical	0	1.00	-
2437MHz	Pass	PK	897.18M	36.63	46.00	-9.37	2.79	3	Vertical	0	1.00	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_Adapter

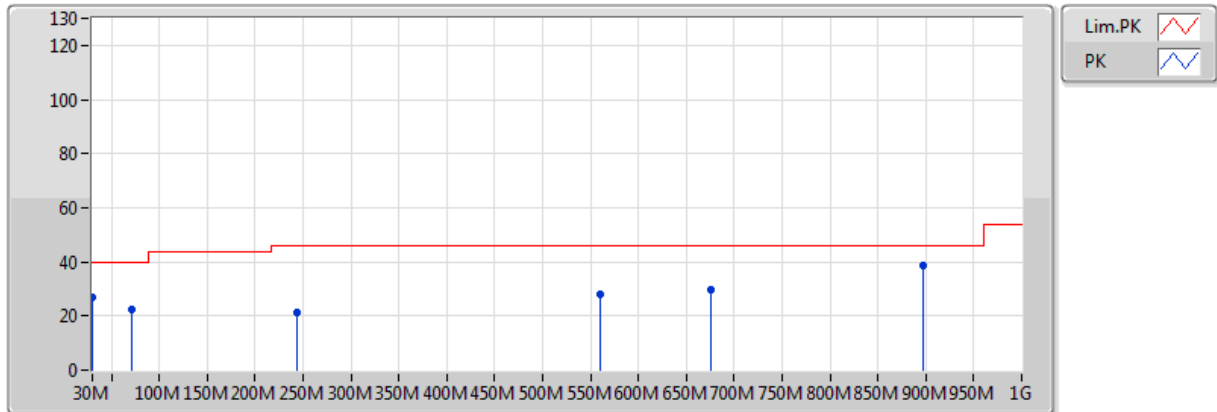


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	39.7M	35.33	40.00	-4.67	-7.84	3	Vertical	0	1.00	-	43.17	17.86	1.86	27.56
PK	78.5M	27.56	40.00	-12.44	-13.60	3	Vertical	0	1.00	-	41.16	11.84	2.01	27.44
PK	113.42M	26.32	43.50	-17.18	-8.15	3	Vertical	0	1.00	-	34.47	17.15	2.00	27.31
PK	414.12M	26.37	46.00	-19.63	-2.86	3	Vertical	0	1.00	-	29.23	21.34	3.16	27.36
PK	557.68M	28.96	46.00	-17.04	-0.49	3	Vertical	0	1.00	-	29.45	23.76	3.67	27.93
PK	897.18M	36.63	46.00	-9.37	2.79	3	Vertical	0	1.00	-	33.84	25.53	4.77	27.51

802.11g_Nss1,(6Mbps)_1TX

2437MHz_Adapter



EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	26.73	40.00	-13.27	-2.39	3	Horizontal	360	1.00	-	29.12	23.48	1.71	27.58
PK	70.74M	22.25	40.00	-17.75	-14.05	3	Horizontal	360	1.00	-	36.30	11.70	1.71	27.46
PK	243.4M	21.57	46.00	-24.43	-7.26	3	Horizontal	360	1.00	-	28.83	16.96	2.59	26.81
PK	559.62M	28.28	46.00	-17.72	-0.53	3	Horizontal	360	1.00	-	28.81	23.73	3.67	27.93
PK	676.02M	29.44	46.00	-16.56	0.22	3	Horizontal	360	1.00	-	29.22	24.04	4.15	27.96
PK	897.18M	38.74	46.00	-7.26	2.79	3	Horizontal	360	1.00	-	35.95	25.53	4.77	27.51

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.4836G	48.04	54.00	-5.96	30.79	3	Vertical	110	1.28	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.483502G	53.66	54.00	-0.34	30.79	3	Horizontal	130	2.66	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.483502G	53.66	54.00	-0.34	30.79	3	Horizontal	129	2.69	-

Result

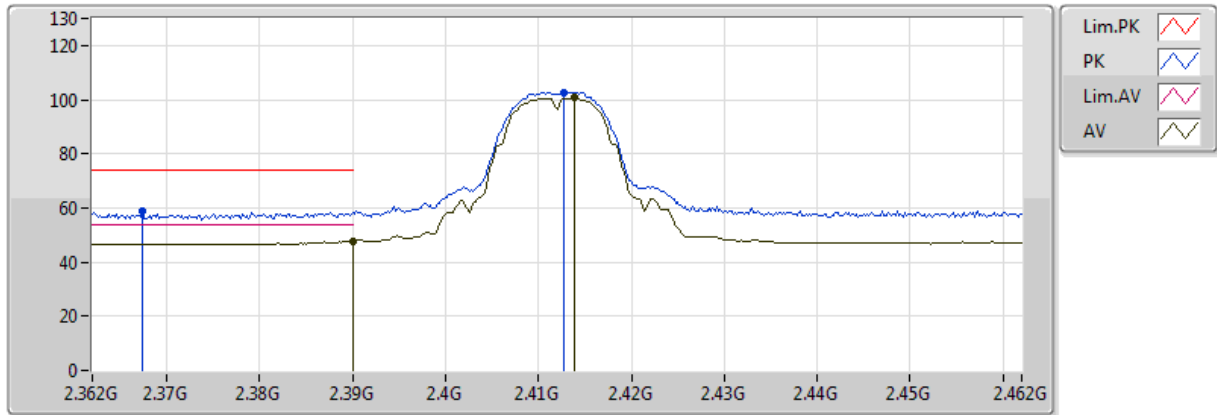
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.65	54.00	-6.35	30.45	3	Horizontal	121	1.17	-
2412MHz	Pass	AV	2.4128G	100.71	Inf	-Inf	30.54	3	Horizontal	121	1.17	-
2412MHz	Pass	PK	2.3892G	58.62	74.00	-15.38	30.45	3	Horizontal	121	1.17	-
2412MHz	Pass	PK	2.4128G	102.88	Inf	-Inf	30.54	3	Horizontal	121	1.17	-
2412MHz	Pass	AV	2.39G	47.89	54.00	-6.11	30.45	3	Vertical	107	1.07	-
2412MHz	Pass	AV	2.4138G	100.63	Inf	-Inf	30.54	3	Vertical	107	1.07	-
2412MHz	Pass	PK	2.3674G	59.09	74.00	-14.91	30.38	3	Vertical	107	1.07	-
2412MHz	Pass	PK	2.4128G	102.75	Inf	-Inf	30.54	3	Vertical	107	1.07	-
2412MHz	Pass	AV	4.82396G	45.43	54.00	-8.57	5.90	3	Horizontal	183	2.11	-
2412MHz	Pass	PK	4.82396G	50.16	74.00	-23.84	5.90	3	Horizontal	183	2.11	-
2412MHz	Pass	AV	4.82394G	43.95	54.00	-10.05	5.90	3	Vertical	161	1.50	-
2412MHz	Pass	PK	4.8238G	49.34	74.00	-24.66	5.89	3	Vertical	161	1.50	-
2437MHz	Pass	AV	2.3882G	46.57	54.00	-7.43	30.45	3	Horizontal	129	2.70	-
2437MHz	Pass	AV	2.4378G	100.72	Inf	-Inf	30.63	3	Horizontal	129	2.70	-
2437MHz	Pass	AV	2.4986G	47.24	54.00	-6.76	30.84	3	Horizontal	129	2.70	-
2437MHz	Pass	PK	2.3718G	58.77	74.00	-15.23	30.39	3	Horizontal	129	2.70	-
2437MHz	Pass	PK	2.4378G	102.90	Inf	-Inf	30.63	3	Horizontal	129	2.70	-
2437MHz	Pass	PK	2.4962G	58.56	74.00	-15.44	30.84	3	Horizontal	129	2.70	-
2437MHz	Pass	AV	2.383G	46.53	54.00	-7.47	30.43	3	Vertical	108	1.15	-
2437MHz	Pass	AV	2.4362G	100.25	Inf	-Inf	30.62	3	Vertical	108	1.15	-
2437MHz	Pass	AV	2.4946G	47.23	54.00	-6.77	30.83	3	Vertical	108	1.15	-
2437MHz	Pass	PK	2.3426G	58.98	74.00	-15.02	30.29	3	Vertical	108	1.15	-
2437MHz	Pass	PK	2.4362G	102.41	Inf	-Inf	30.62	3	Vertical	108	1.15	-
2437MHz	Pass	PK	2.495G	58.63	74.00	-15.37	30.83	3	Vertical	108	1.15	-
2437MHz	Pass	AV	4.874G	46.17	54.00	-7.83	6.01	3	Horizontal	181	1.83	-
2437MHz	Pass	PK	4.87404G	50.44	74.00	-23.56	6.01	3	Horizontal	181	1.83	-
2437MHz	Pass	AV	4.87404G	42.93	54.00	-11.07	6.01	3	Vertical	180	1.12	-
2437MHz	Pass	PK	4.8741G	49.20	74.00	-24.80	6.01	3	Vertical	180	1.12	-
2462MHz	Pass	AV	2.4612G	97.23	Inf	-Inf	30.71	3	Horizontal	154	1.00	-
2462MHz	Pass	AV	2.4836G	47.78	54.00	-6.22	30.79	3	Horizontal	154	1.00	-
2462MHz	Pass	PK	2.461G	99.38	Inf	-Inf	30.71	3	Horizontal	154	1.00	-
2462MHz	Pass	PK	2.4928G	59.06	74.00	-14.94	30.82	3	Horizontal	154	1.00	-
2462MHz	Pass	AV	2.4612G	99.74	Inf	-Inf	30.71	3	Vertical	110	1.28	-
2462MHz	Pass	AV	2.4836G	48.04	54.00	-5.96	30.79	3	Vertical	110	1.28	-
2462MHz	Pass	PK	2.4612G	101.90	Inf	-Inf	30.71	3	Vertical	110	1.28	-
2462MHz	Pass	PK	2.4898G	60.25	74.00	-13.75	30.81	3	Vertical	110	1.28	-
2462MHz	Pass	AV	4.92406G	44.74	54.00	-9.26	6.13	3	Horizontal	180	2.08	-
2462MHz	Pass	PK	4.92418G	49.79	74.00	-24.21	6.13	3	Horizontal	180	2.08	-
2462MHz	Pass	AV	4.924G	41.65	54.00	-12.35	6.13	3	Vertical	175	1.15	-
2462MHz	Pass	PK	4.92406G	48.39	74.00	-25.61	6.13	3	Vertical	175	1.15	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.44	54.00	-4.56	30.45	3	Horizontal	156	1.16	-
2412MHz	Pass	AV	2.4192G	92.11	Inf	-Inf	30.56	3	Horizontal	156	1.16	-
2412MHz	Pass	PK	2.3876G	63.17	74.00	-10.83	30.45	3	Horizontal	156	1.16	-
2412MHz	Pass	PK	2.4164G	101.45	Inf	-Inf	30.55	3	Horizontal	156	1.16	-
2412MHz	Pass	AV	2.39G	51.25	54.00	-2.75	30.45	3	Vertical	110	1.78	-
2412MHz	Pass	AV	2.4184G	94.79	Inf	-Inf	30.56	3	Vertical	110	1.78	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.39G	65.98	74.00	-8.02	30.45	3	Vertical	110	1.78	-
2412MHz	Pass	PK	2.4172G	103.99	Inf	-Inf	30.55	3	Vertical	110	1.78	-
2412MHz	Pass	AV	4.8214G	34.57	54.00	-19.43	5.89	3	Horizontal	0	1.50	-
2412MHz	Pass	PK	4.82326G	47.21	74.00	-26.79	5.89	3	Horizontal	0	1.50	-
2412MHz	Pass	AV	4.82352G	34.61	54.00	-19.39	5.89	3	Vertical	360	1.50	-
2412MHz	Pass	PK	4.82788G	47.94	74.00	-26.06	5.90	3	Vertical	360	1.50	-
2437MHz	Pass	AV	2.3394G	46.71	54.00	-7.29	30.28	3	Horizontal	129	2.71	-
2437MHz	Pass	AV	2.4386G	95.04	Inf	-Inf	30.63	3	Horizontal	129	2.71	-
2437MHz	Pass	AV	2.499998G	47.24	54.00	-6.76	30.85	3	Horizontal	129	2.71	-
2437MHz	Pass	PK	2.3426G	58.44	74.00	-15.56	30.29	3	Horizontal	129	2.71	-
2437MHz	Pass	PK	2.439G	104.31	Inf	-Inf	30.63	3	Horizontal	129	2.71	-
2437MHz	Pass	PK	2.4994G	60.20	74.00	-13.80	30.85	3	Horizontal	129	2.71	-
2437MHz	Pass	AV	2.3422G	46.69	54.00	-7.31	30.29	3	Vertical	108	1.15	-
2437MHz	Pass	AV	2.4354G	94.49	Inf	-Inf	30.62	3	Vertical	108	1.15	-
2437MHz	Pass	AV	2.499998G	47.24	54.00	-6.76	30.85	3	Vertical	108	1.15	-
2437MHz	Pass	PK	2.3806G	58.15	74.00	-15.85	30.42	3	Vertical	108	1.15	-
2437MHz	Pass	PK	2.4394G	103.79	Inf	-Inf	30.63	3	Vertical	108	1.15	-
2437MHz	Pass	PK	2.483502G	59.33	74.00	-14.67	30.79	3	Vertical	108	1.15	-
2437MHz	Pass	AV	4.85906G	33.81	54.00	-20.19	5.98	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	4.8671G	45.84	74.00	-28.16	5.99	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	4.86242G	33.84	54.00	-20.16	5.98	3	Vertical	360	1.50	-
2437MHz	Pass	PK	4.86278G	45.73	74.00	-28.27	5.98	3	Vertical	360	1.50	-
2462MHz	Pass	AV	2.4608G	94.54	Inf	-Inf	30.71	3	Horizontal	130	2.66	-
2462MHz	Pass	AV	2.483502G	53.66	54.00	-0.34	30.79	3	Horizontal	130	2.66	-
2462MHz	Pass	PK	2.4584G	104.05	Inf	-Inf	30.70	3	Horizontal	130	2.66	-
2462MHz	Pass	PK	2.483502G	70.26	74.00	-3.74	30.79	3	Horizontal	130	2.66	-
2462MHz	Pass	AV	2.4688G	94.02	Inf	-Inf	30.74	3	Vertical	110	1.28	-
2462MHz	Pass	AV	2.483502G	52.94	54.00	-1.06	30.79	3	Vertical	110	1.28	-
2462MHz	Pass	PK	2.4668G	103.93	Inf	-Inf	30.73	3	Vertical	110	1.28	-
2462MHz	Pass	PK	2.483502G	69.47	74.00	-4.53	30.79	3	Vertical	110	1.28	-
802.11n HT20_Nss1_(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3892G	49.63	54.00	-4.37	30.45	3	Horizontal	123	2.43	-
2412MHz	Pass	AV	2.4162G	94.48	Inf	-Inf	30.55	3	Horizontal	123	2.43	-
2412MHz	Pass	PK	2.3892G	61.05	74.00	-12.95	30.45	3	Horizontal	123	2.43	-
2412MHz	Pass	PK	2.4164G	104.19	Inf	-Inf	30.55	3	Horizontal	123	2.43	-
2412MHz	Pass	AV	2.3892G	50.56	54.00	-3.44	30.45	3	Vertical	109	1.04	-
2412MHz	Pass	AV	2.4172G	94.85	Inf	-Inf	30.55	3	Vertical	109	1.04	-
2412MHz	Pass	PK	2.3878G	63.01	74.00	-10.99	30.45	3	Vertical	109	1.04	-
2412MHz	Pass	PK	2.4158G	104.10	Inf	-Inf	30.55	3	Vertical	109	1.04	-
2437MHz	Pass	AV	2.389G	46.58	54.00	-7.42	30.45	3	Horizontal	129	2.71	-
2437MHz	Pass	AV	2.4382G	95.20	Inf	-Inf	30.63	3	Horizontal	129	2.71	-
2437MHz	Pass	AV	2.4882G	47.51	54.00	-6.49	30.81	3	Horizontal	129	2.71	-
2437MHz	Pass	PK	2.3382G	59.82	74.00	-14.18	30.27	3	Horizontal	129	2.71	-
2437MHz	Pass	PK	2.441G	104.09	Inf	-Inf	30.64	3	Horizontal	129	2.71	-
2437MHz	Pass	PK	2.4878G	58.62	74.00	-15.38	30.81	3	Horizontal	129	2.71	-
2437MHz	Pass	AV	2.389G	46.86	54.00	-7.14	30.45	3	Vertical	111	1.50	-
2437MHz	Pass	AV	2.435G	94.12	Inf	-Inf	30.62	3	Vertical	111	1.50	-
2437MHz	Pass	AV	2.4838G	47.50	54.00	-6.50	30.79	3	Vertical	111	1.50	-
2437MHz	Pass	PK	2.341G	58.25	74.00	-15.75	30.28	3	Vertical	111	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4334G	103.56	Inf	-Inf	30.61	3	Vertical	111	1.50	-
2437MHz	Pass	PK	2.4882G	59.20	74.00	-14.80	30.81	3	Vertical	111	1.50	-
2462MHz	Pass	AV	2.47G	94.48	Inf	-Inf	30.74	3	Horizontal	129	2.69	-
2462MHz	Pass	AV	2.483502G	53.66	54.00	-0.34	30.79	3	Horizontal	129	2.69	-
2462MHz	Pass	PK	2.4688G	103.89	Inf	-Inf	30.74	3	Horizontal	129	2.69	-
2462MHz	Pass	PK	2.4846G	68.92	74.00	-5.08	30.79	3	Horizontal	129	2.69	-
2462MHz	Pass	AV	2.4588G	94.38	Inf	-Inf	30.70	3	Vertical	109	1.04	-
2462MHz	Pass	AV	2.483502G	53.66	54.00	-0.34	30.79	3	Vertical	109	1.04	-
2462MHz	Pass	PK	2.4606G	103.94	Inf	-Inf	30.71	3	Vertical	109	1.04	-
2462MHz	Pass	PK	2.485G	68.83	74.00	-5.17	30.80	3	Vertical	109	1.04	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

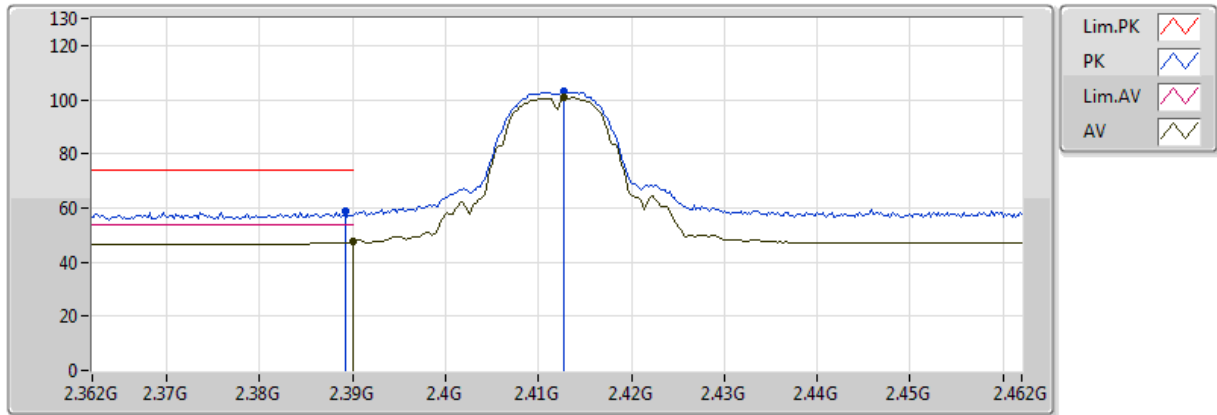


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.89	54.00	-6.11	30.45	3	Vertical	107	1.07	-	17.44	27.21	3.24	-
AV	2.4138G	100.63	Inf	-Inf	30.54	3	Vertical	107	1.07	-	70.09	27.28	3.26	-
PK	2.3674G	59.09	74.00	-14.91	30.38	3	Vertical	107	1.07	-	28.71	27.16	3.22	-
PK	2.4128G	102.75	Inf	-Inf	30.54	3	Vertical	107	1.07	-	72.22	27.27	3.26	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

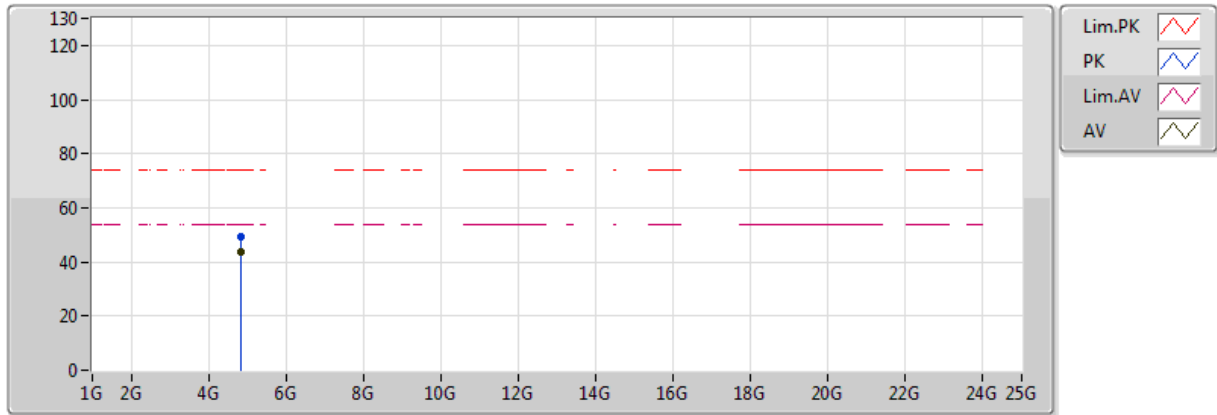


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.65	54.00	-6.35	30.45	3	Horizontal	121	1.17	-	17.20	27.21	3.24	-
AV	2.4128G	100.71	Inf	-Inf	30.54	3	Horizontal	121	1.17	-	70.17	27.27	3.26	-
PK	2.3892G	58.62	74.00	-15.38	30.45	3	Horizontal	121	1.17	-	28.17	27.21	3.24	-
PK	2.4128G	102.88	Inf	-Inf	30.54	3	Horizontal	121	1.17	-	72.35	27.27	3.26	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

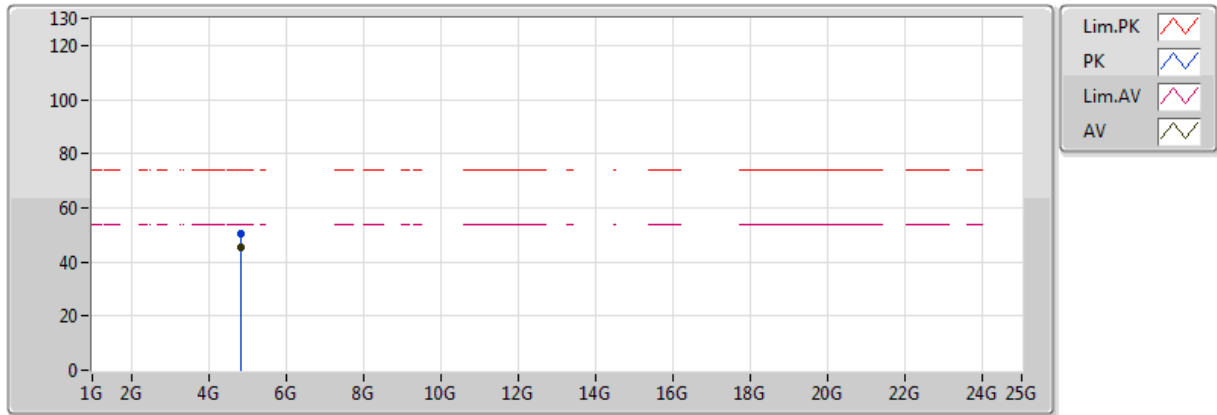


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82394G	43.95	54.00	-10.05	5.90	3	Vertical	161	1.50	-	38.05	31.22	4.52	29.85
PK	4.8238G	49.34	74.00	-24.66	5.89	3	Vertical	161	1.50	-	43.44	31.22	4.52	29.85

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

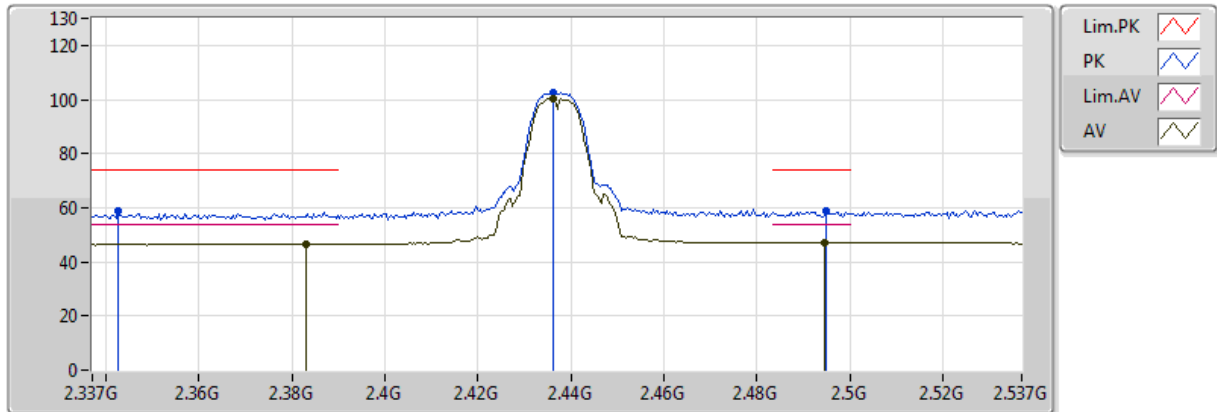


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82396G	45.43	54.00	-8.57	5.90	3	Horizontal	183	2.11	-	39.53	31.22	4.52	29.85
PK	4.82396G	50.16	74.00	-23.84	5.90	3	Horizontal	183	2.11	-	44.26	31.22	4.52	29.85

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

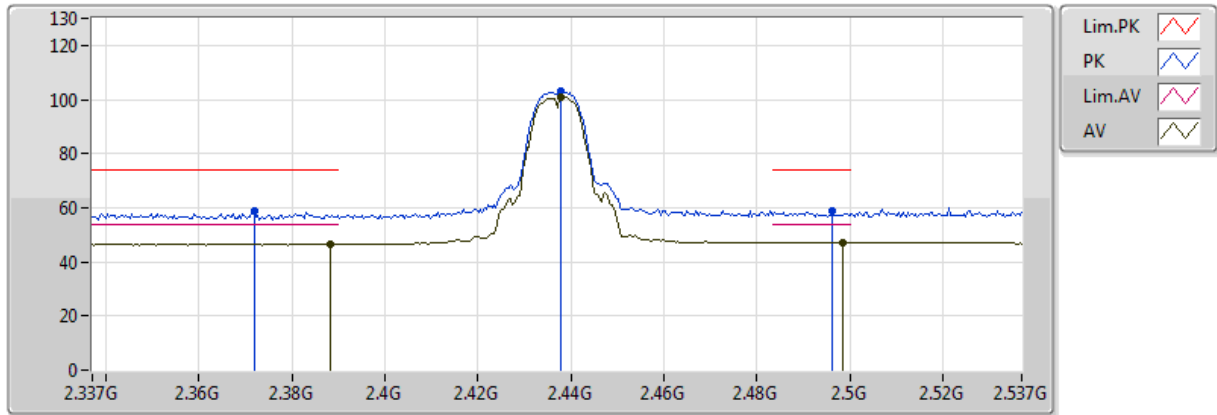


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.383G	46.53	54.00	-7.47	30.43	3	Vertical	108	1.15	-	16.10	27.20	3.23	-
AV	2.4362G	100.25	Inf	-Inf	30.62	3	Vertical	108	1.15	-	69.63	27.33	3.29	-
AV	2.4946G	47.23	54.00	-6.77	30.83	3	Vertical	108	1.15	-	16.40	27.49	3.34	-
PK	2.3426G	58.98	74.00	-15.02	30.29	3	Vertical	108	1.15	-	28.69	27.09	3.20	-
PK	2.4362G	102.41	Inf	-Inf	30.62	3	Vertical	108	1.15	-	71.79	27.33	3.29	-
PK	2.495G	58.63	74.00	-15.37	30.83	3	Vertical	108	1.15	-	27.80	27.49	3.35	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

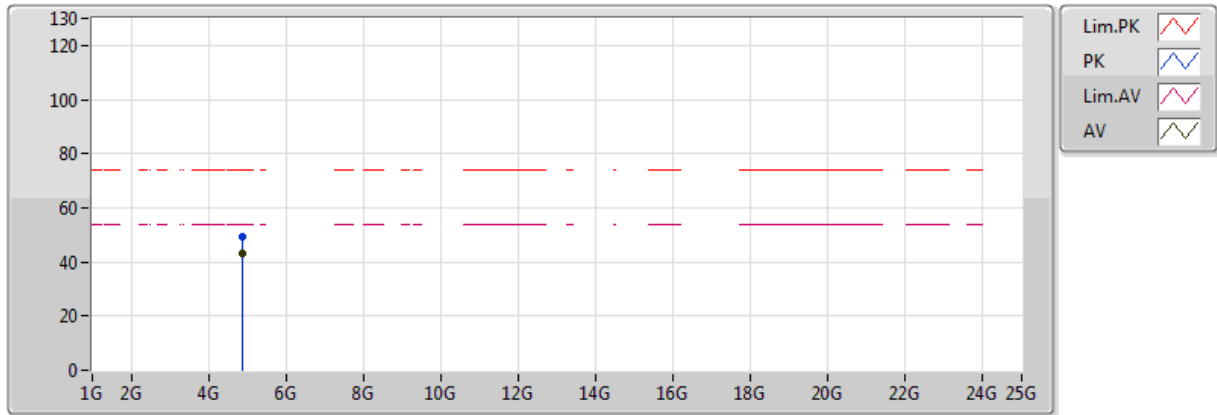


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	46.57	54.00	-7.43	30.45	3	Horizontal	129	2.70	-	16.12	27.21	3.24	-
AV	2.4378G	102.90	Inf	-Inf	30.63	3	Horizontal	129	2.70	-	70.10	27.34	3.29	-
AV	2.4986G	47.24	54.00	-6.76	30.84	3	Horizontal	129	2.70	-	16.39	27.50	3.35	-
PK	2.3718G	58.77	74.00	-15.23	30.39	3	Horizontal	129	2.70	-	28.38	27.17	3.22	-
PK	2.4378G	102.90	Inf	-Inf	30.63	3	Horizontal	129	2.70	-	72.27	27.34	3.29	-
PK	2.4962G	58.56	74.00	-15.44	30.84	3	Horizontal	129	2.70	-	27.72	27.49	3.35	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

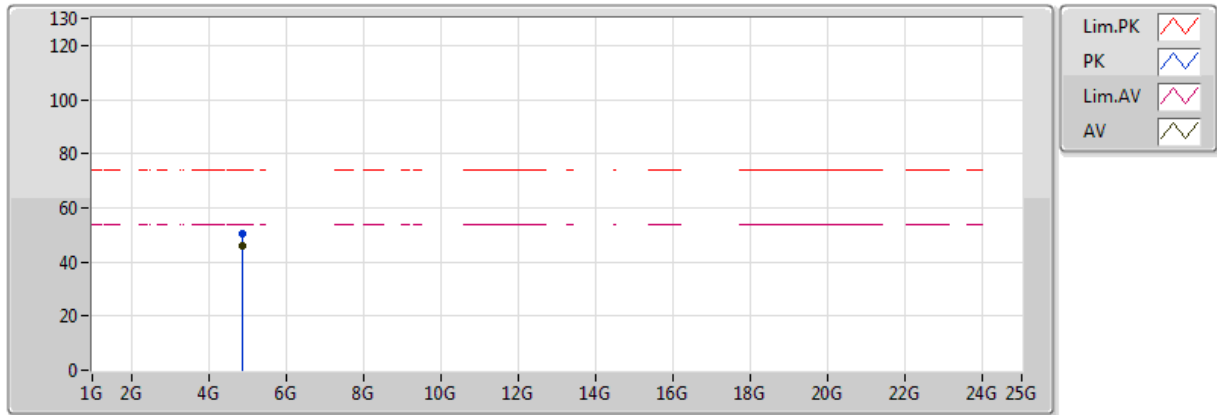


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87404G	42.93	54.00	-11.07	6.01	3	Vertical	180	1.12	-	36.92	31.30	4.55	29.84
PK	4.8741G	49.20	74.00	-24.80	6.01	3	Vertical	180	1.12	-	43.19	31.30	4.55	29.84

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

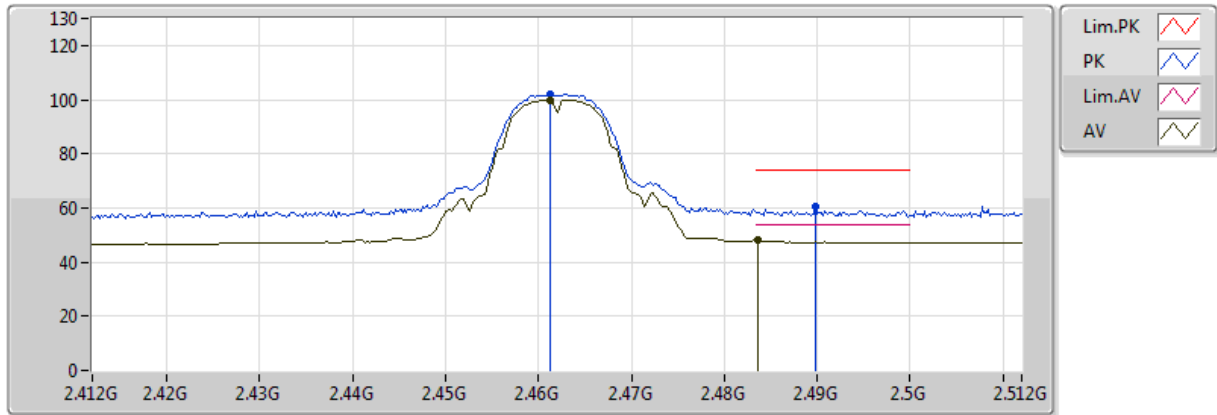


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	46.17	54.00	-7.83	6.01	3	Horizontal	181	1.83	-	40.16	31.30	4.55	29.84
PK	4.87404G	50.44	74.00	-23.56	6.01	3	Horizontal	181	1.83	-	44.43	31.30	4.55	29.84

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

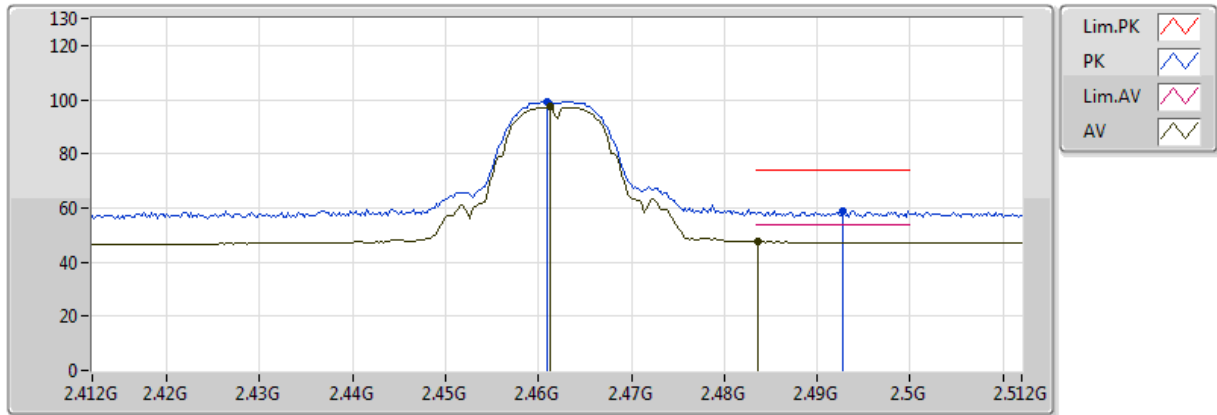


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	99.74	Inf	-Inf	30.71	3	Vertical	110	1.28	-	69.03	27.40	3.31	-
AV	2.4836G	48.04	54.00	-5.96	30.79	3	Vertical	110	1.28	-	17.25	27.46	3.33	-
PK	2.4612G	101.90	Inf	-Inf	30.71	3	Vertical	110	1.28	-	71.19	27.40	3.31	-
PK	2.4898G	60.25	74.00	-13.75	30.81	3	Vertical	110	1.28	-	29.43	27.47	3.34	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

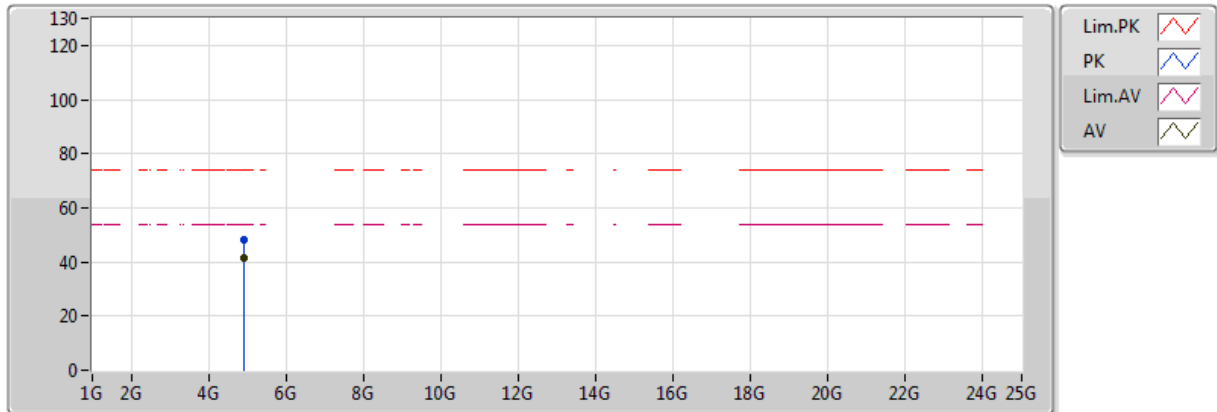


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	97.23	Inf	-Inf	30.71	3	Horizontal	154	1.00	-	66.52	27.40	3.31	-
AV	2.4836G	47.78	54.00	-6.22	30.79	3	Horizontal	154	1.00	-	16.99	27.46	3.33	-
PK	2.461G	99.38	Inf	-Inf	30.71	3	Horizontal	154	1.00	-	68.67	27.40	3.31	-
PK	2.4928G	59.06	74.00	-14.94	30.82	3	Horizontal	154	1.00	-	28.24	27.48	3.34	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

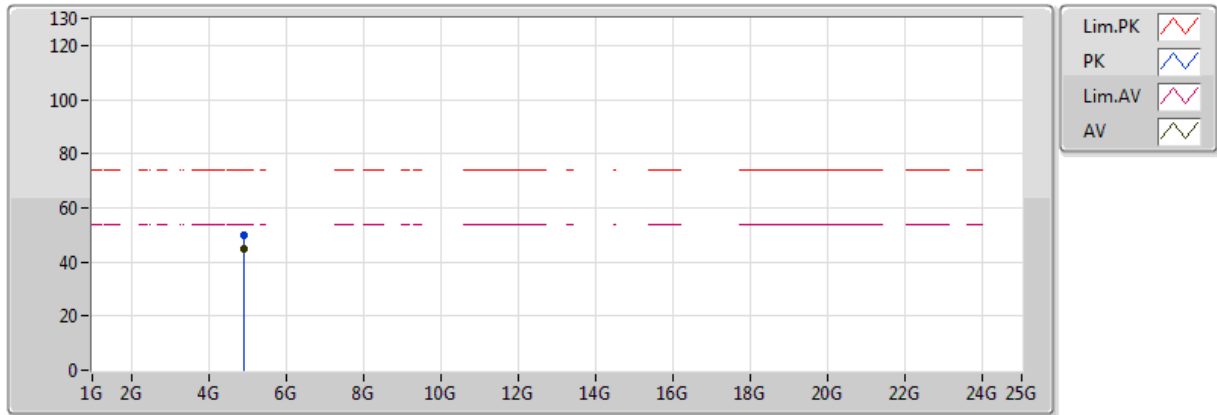


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	41.65	54.00	-12.35	6.13	3	Vertical	175	1.15	-	35.52	31.38	4.57	29.83
PK	4.92406G	48.39	74.00	-25.61	6.13	3	Vertical	175	1.15	-	42.26	31.38	4.57	29.83

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

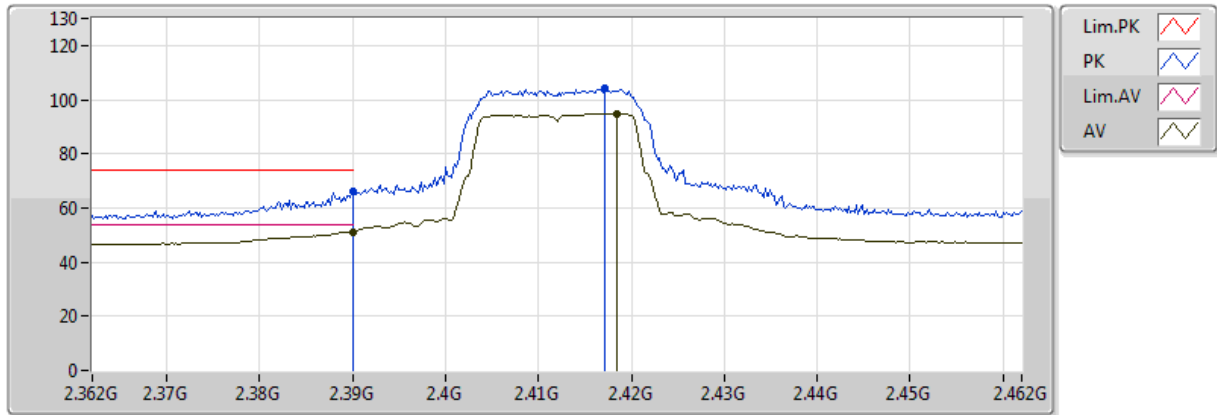


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92406G	44.74	54.00	-9.26	6.13	3	Horizontal	180	2.08	-	38.62	31.38	4.57	29.83
PK	4.92418G	49.79	74.00	-24.21	6.13	3	Horizontal	180	2.08	-	43.67	31.38	4.57	29.83

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

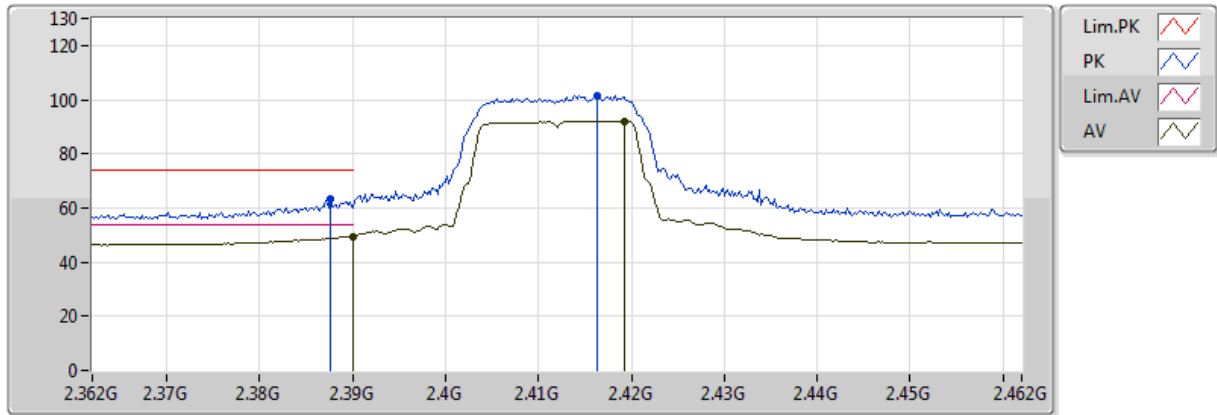


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.25	54.00	-2.75	30.45	3	Vertical	110	1.78	-	20.80	27.21	3.24	-
AV	2.4184G	94.79	Inf	-Inf	30.56	3	Vertical	110	1.78	-	64.23	27.29	3.27	-
PK	2.39G	65.98	74.00	-8.02	30.45	3	Vertical	110	1.78	-	35.52	27.21	3.24	-
PK	2.4172G	103.99	Inf	-Inf	30.55	3	Vertical	110	1.78	-	73.44	27.28	3.27	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

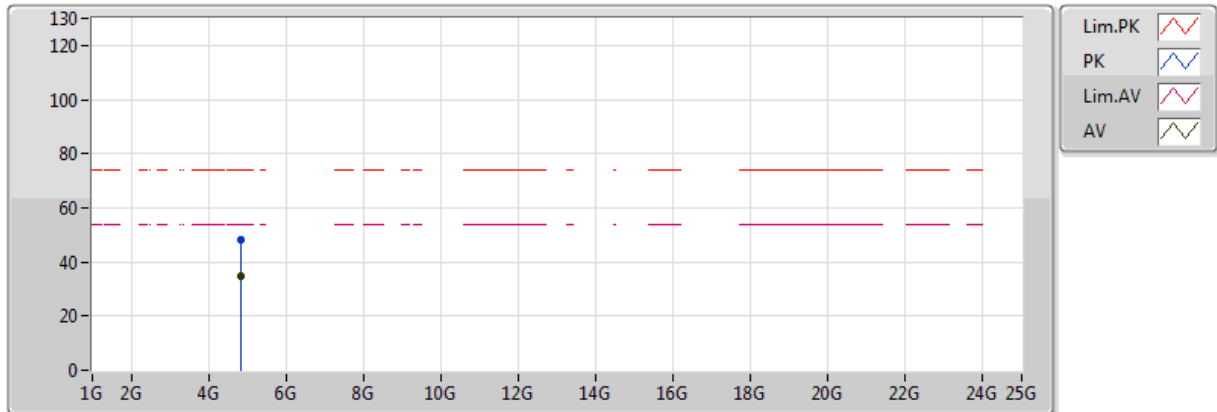


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.44	54.00	-4.56	30.45	3	Horizontal	156	1.16	-	18.98	27.21	3.24	-
AV	2.4192G	92.11	Inf	-Inf	30.56	3	Horizontal	156	1.16	-	61.56	27.29	3.27	-
PK	2.3876G	63.17	74.00	-10.83	30.45	3	Horizontal	156	1.16	-	32.72	27.21	3.24	-
PK	2.4164G	101.45	Inf	-Inf	30.55	3	Horizontal	156	1.16	-	70.90	27.28	3.27	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

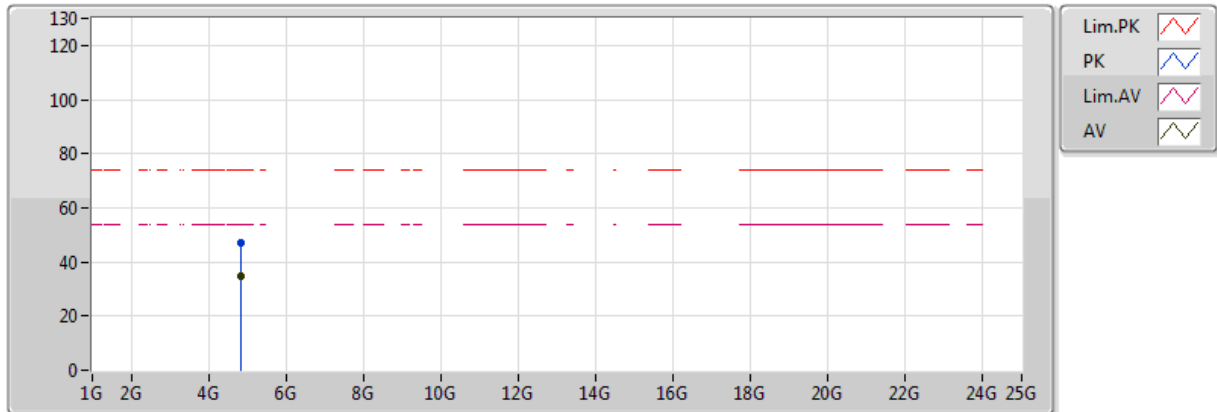


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82352G	34.61	54.00	-19.39	5.89	3	Vertical	360	1.50	-	28.72	31.22	4.52	29.85
PK	4.82788G	47.94	74.00	-26.06	5.90	3	Vertical	360	1.50	-	42.04	31.22	4.52	29.84

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

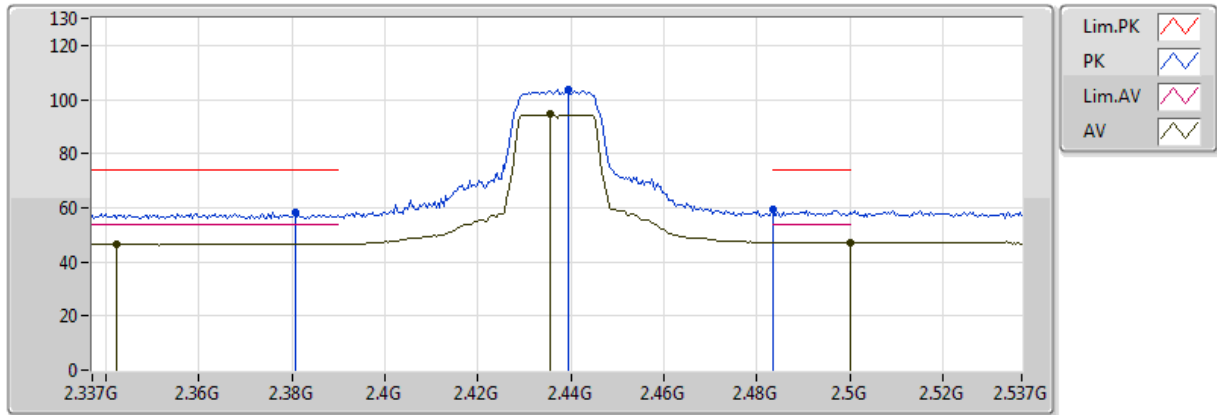


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8214G	34.57	54.00	-19.43	5.89	3	Horizontal	0	1.50	-	28.68	31.21	4.52	29.85
PK	4.82326G	47.21	74.00	-26.79	5.89	3	Horizontal	0	1.50	-	41.32	31.22	4.52	29.85

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

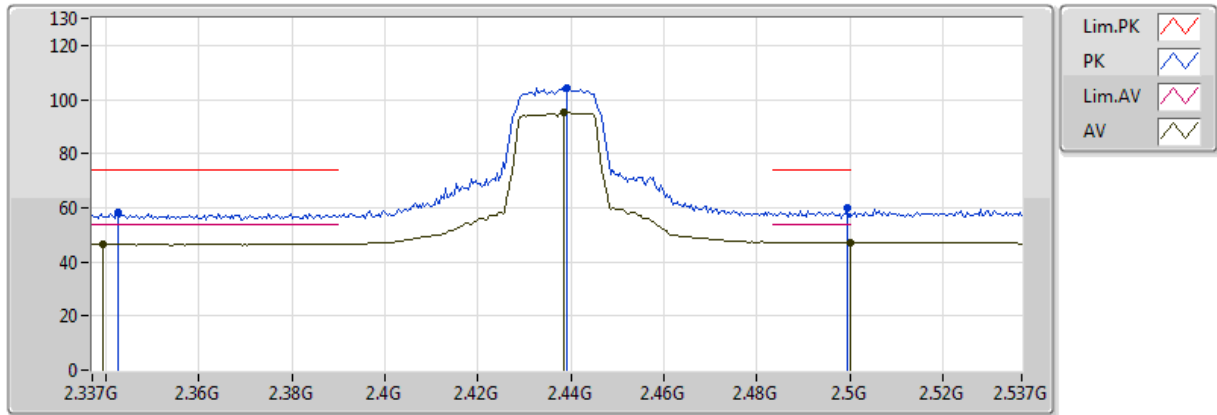


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3422G	46.69	54.00	-7.31	30.29	3	Vertical	108	1.15	-	16.40	27.09	3.20	-
AV	2.4354G	94.49	Inf	-Inf	30.62	3	Vertical	108	1.15	-	63.87	27.33	3.29	-
AV	2.499998G	47.24	54.00	-6.76	30.85	3	Vertical	108	1.15	-	16.39	27.50	3.35	-
PK	2.3806G	58.15	74.00	-15.85	30.42	3	Vertical	108	1.15	-	27.73	27.19	3.23	-
PK	2.4394G	103.79	Inf	-Inf	30.63	3	Vertical	108	1.15	-	73.16	27.34	3.29	-
PK	2.483502G	59.33	74.00	-14.67	30.79	3	Vertical	108	1.15	-	28.54	27.46	3.33	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

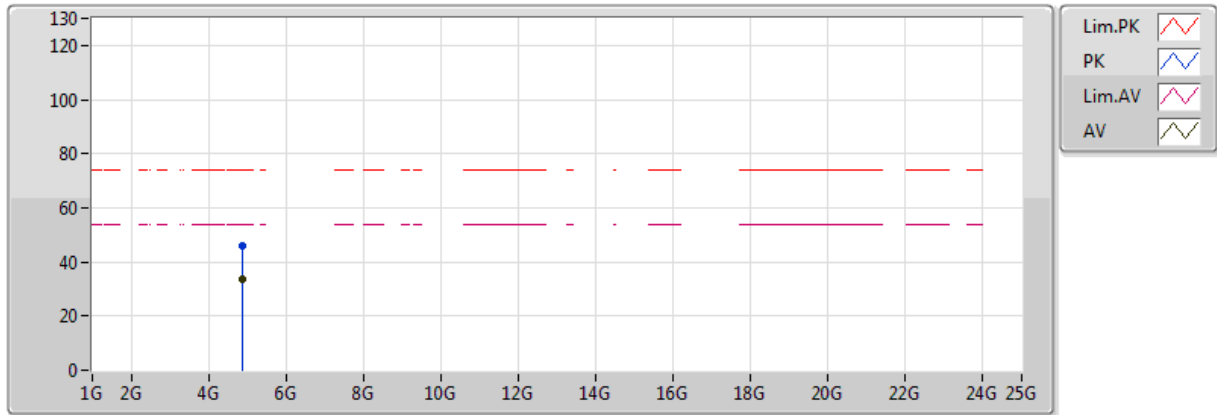


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3394G	46.71	54.00	-7.29	30.28	3	Horizontal	129	2.71	-	16.43	27.08	3.20	-
AV	2.4386G	95.04	Inf	-Inf	30.63	3	Horizontal	129	2.71	-	64.41	27.34	3.29	-
AV	2.499998G	47.24	54.00	-6.76	30.85	3	Horizontal	129	2.71	-	16.39	27.50	3.35	-
PK	2.3426G	58.44	74.00	-15.56	30.29	3	Horizontal	129	2.71	-	28.15	27.09	3.20	-
PK	2.439G	104.31	Inf	-Inf	30.63	3	Horizontal	129	2.71	-	73.68	27.34	3.29	-
PK	2.4994G	60.20	74.00	-13.80	30.85	3	Horizontal	129	2.71	-	29.35	27.50	3.35	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

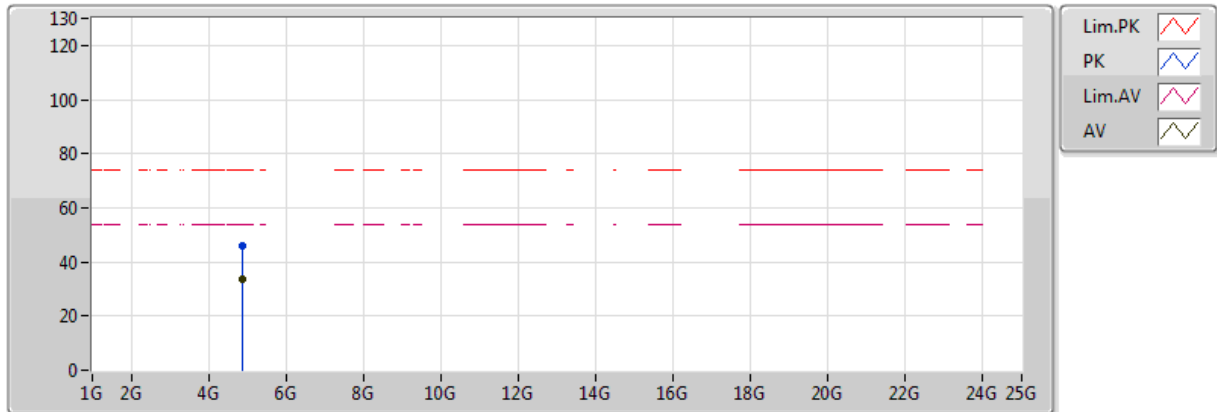


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.86242G	33.84	54.00	-20.16	5.98	3	Vertical	360	1.50	-	27.85	31.28	4.54	29.84
PK	4.86278G	45.73	74.00	-28.27	5.98	3	Vertical	360	1.50	-	39.75	31.28	4.54	29.84

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

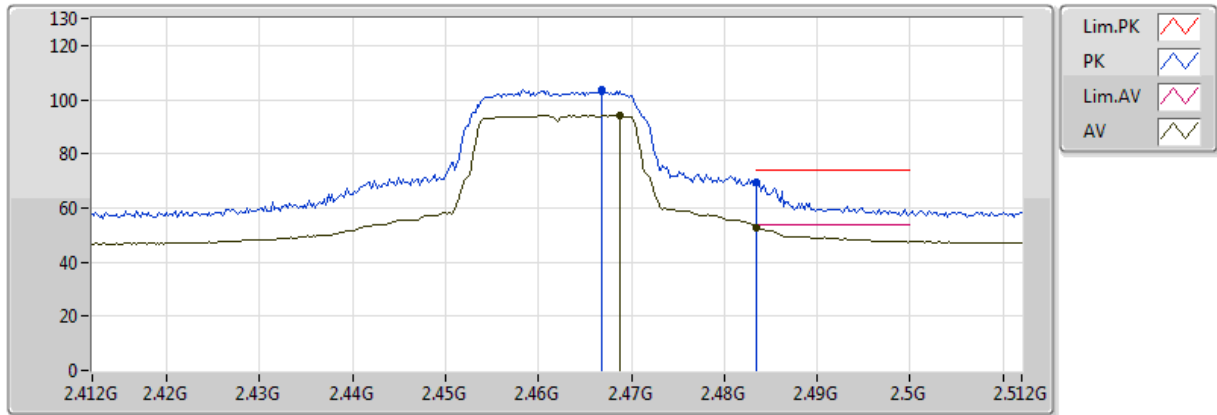


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.85906G	33.81	54.00	-20.19	5.98	3	Horizontal	0	1.50	-	27.84	31.27	4.54	29.84
PK	4.8671G	45.84	74.00	-28.16	5.99	3	Horizontal	0	1.50	-	39.85	31.29	4.54	29.84

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

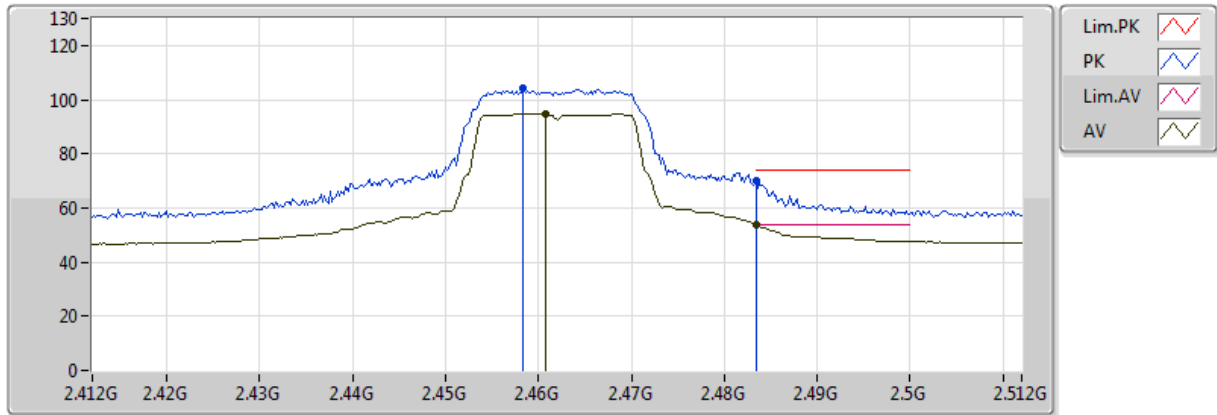


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4688G	94.02	Inf	-Inf	30.74	3	Vertical	110	1.28	-	63.28	27.42	3.32	-
AV	2.483502G	52.94	54.00	-1.06	30.79	3	Vertical	110	1.28	-	22.15	27.46	3.33	-
PK	2.4668G	103.93	Inf	-Inf	30.73	3	Vertical	110	1.28	-	73.20	27.41	3.32	-
PK	2.483502G	69.47	74.00	-4.53	30.79	3	Vertical	110	1.28	-	38.68	27.46	3.33	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

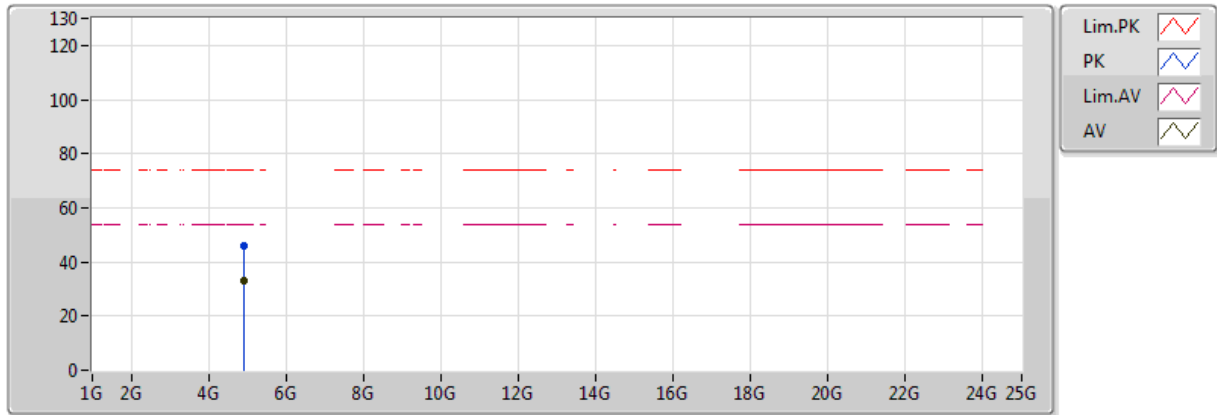


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4608G	94.54	Inf	-Inf	30.71	3	Horizontal	130	2.66	-	63.83	27.40	3.31	-
AV	2.483502G	53.66	54.00	-0.34	30.79	3	Horizontal	130	2.66	-	22.87	27.46	3.33	-
PK	2.4584G	104.05	Inf	-Inf	30.70	3	Horizontal	130	2.66	-	73.35	27.39	3.31	-
PK	2.483502G	70.26	74.00	-3.74	30.79	3	Horizontal	130	2.66	-	39.47	27.46	3.33	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

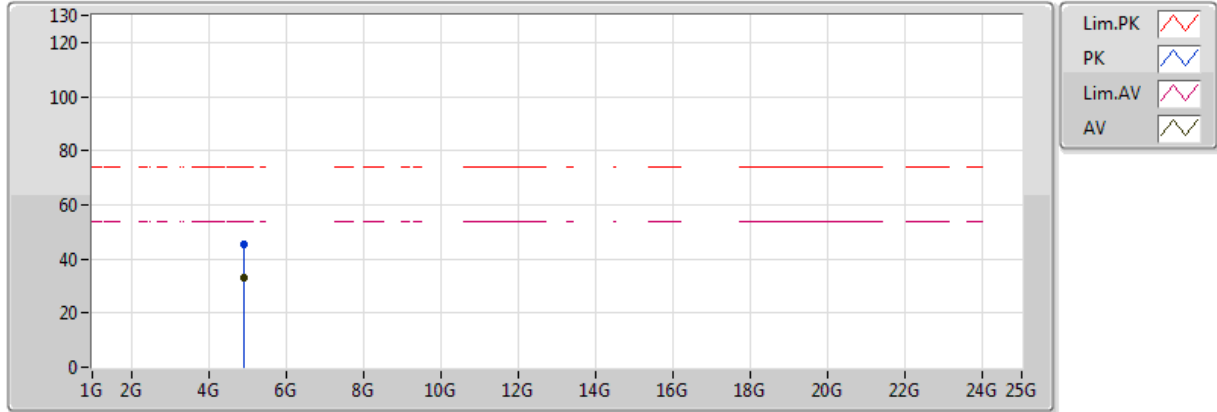


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92412G	33.27	54.00	-20.73	6.13	3	Vertical	0	1.50	-	27.14	31.38	4.57	29.83
PK	4.92404G	45.89	74.00	-28.11	6.10	3	Vertical	0	1.50	-	39.80	31.36	4.57	29.83

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

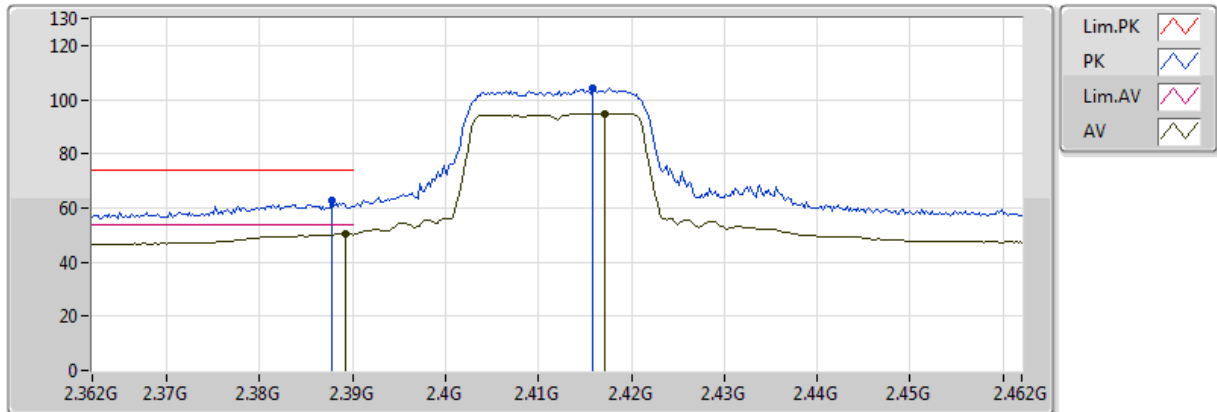


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92406G	33.30	54.00	-20.70	6.15	3	Horizontal	360	1.50	-	27.14	31.40	4.58	29.82
PK	4.92452G	45.19	74.00	-28.81	6.10	3	Horizontal	360	1.50	-	39.10	31.36	4.57	29.83

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

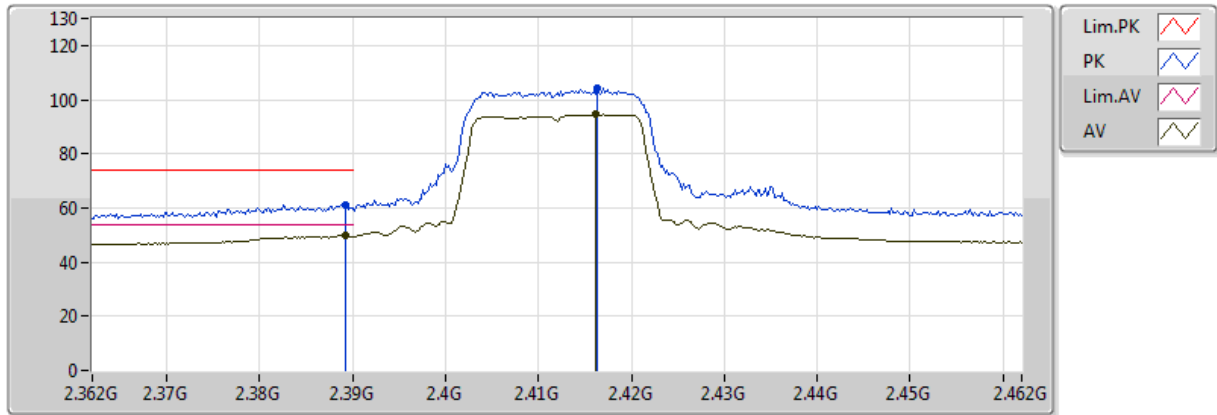


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	50.56	54.00	-3.44	30.45	3	Vertical	109	1.04	-	20.11	27.21	3.24	-
AV	2.4172G	94.85	Inf	-Inf	30.55	3	Vertical	109	1.04	-	64.30	27.28	3.27	-
PK	2.3878G	63.01	74.00	-10.99	30.45	3	Vertical	109	1.04	-	32.56	27.21	3.24	-
PK	2.4158G	104.10	Inf	-Inf	30.55	3	Vertical	109	1.04	-	73.56	27.28	3.27	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

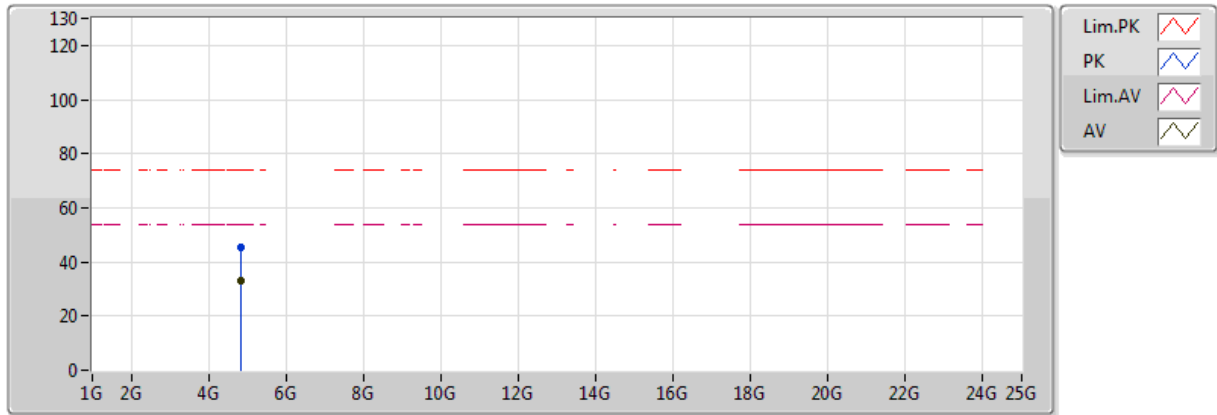


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	49.63	54.00	-4.37	30.45	3	Horizontal	123	2.43	-	19.18	27.21	3.24	-
AV	2.4162G	94.48	Inf	-Inf	30.55	3	Horizontal	123	2.43	-	63.93	27.28	3.27	-
PK	2.3892G	61.05	74.00	-12.95	30.45	3	Horizontal	123	2.43	-	30.60	27.21	3.24	-
PK	2.4164G	104.19	Inf	-Inf	30.55	3	Horizontal	123	2.43	-	73.64	27.28	3.27	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

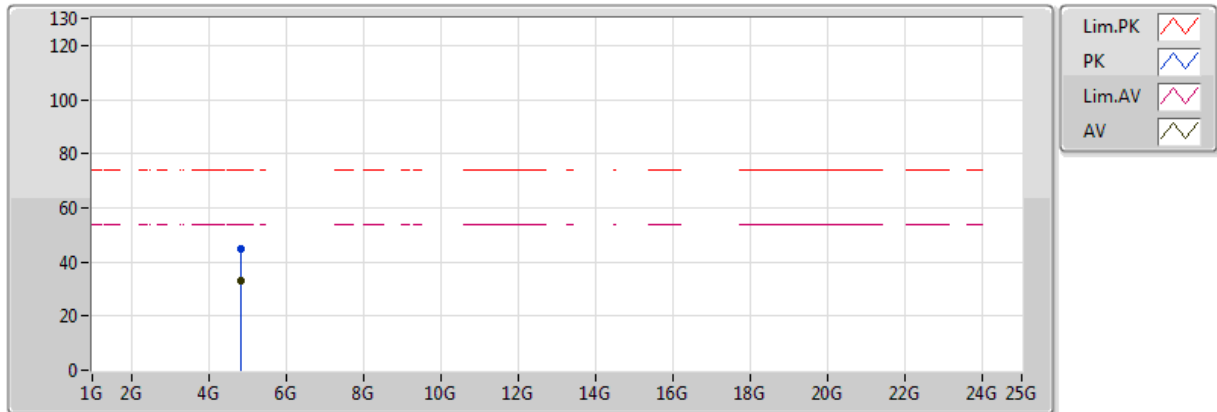


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82458G	33.33	54.00	-20.67	5.93	3	Vertical	360	1.50	-	27.40	31.24	4.53	29.84
PK	4.8243G	45.53	74.00	-28.47	5.92	3	Vertical	360	1.50	-	39.61	31.24	4.53	29.84

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

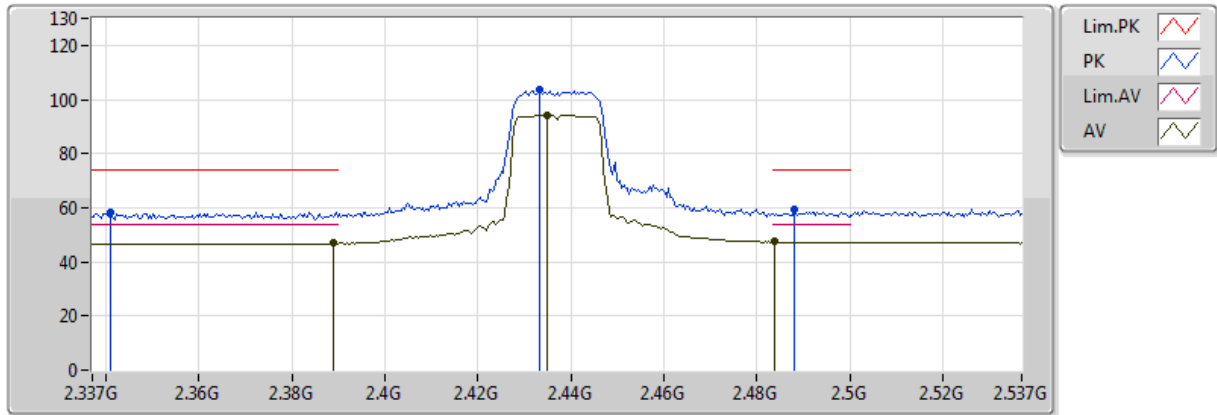


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82494G	33.34	54.00	-20.66	5.93	3	Horizontal	0	1.50	-	27.41	31.24	4.53	29.84
PK	4.82428G	45.04	74.00	-28.96	5.89	3	Horizontal	0	1.50	-	39.15	31.21	4.52	29.85

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

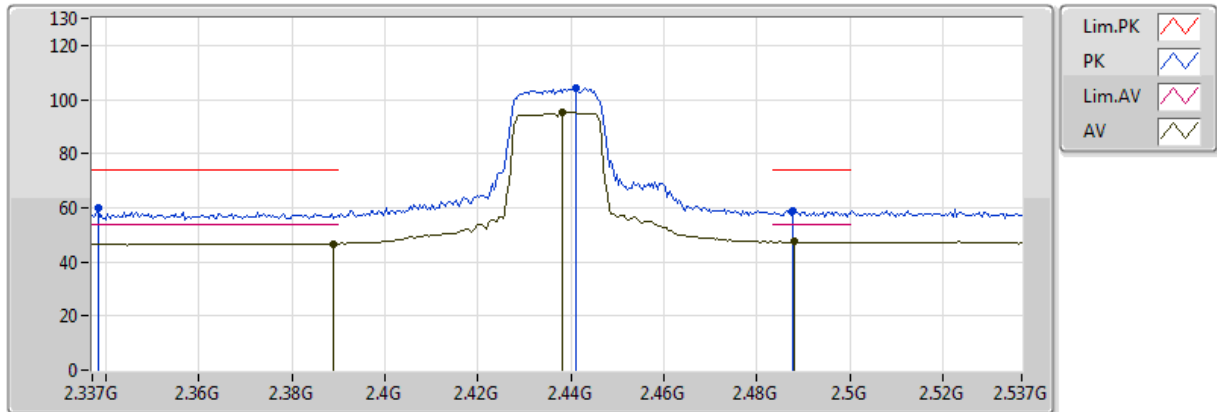


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	46.86	54.00	-7.14	30.45	3	Vertical	111	1.50	-	16.41	27.21	3.24	-
AV	2.435G	94.12	Inf	-Inf	30.62	3	Vertical	111	1.50	-	63.50	27.33	3.29	-
AV	2.4838G	47.50	54.00	-6.50	30.79	3	Vertical	111	1.50	-	16.71	27.46	3.33	-
PK	2.341G	58.25	74.00	-15.75	30.28	3	Vertical	111	1.50	-	27.97	27.09	3.20	-
PK	2.4334G	103.56	Inf	-Inf	30.61	3	Vertical	111	1.50	-	72.95	27.33	3.28	-
PK	2.4882G	59.20	74.00	-14.80	30.81	3	Vertical	111	1.50	-	28.39	27.47	3.34	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

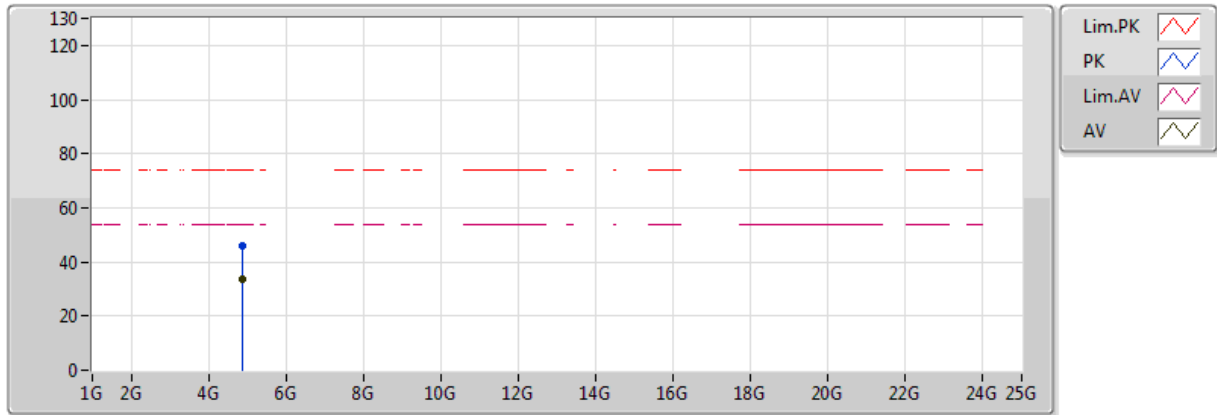


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	46.58	54.00	-7.42	30.45	3	Horizontal	129	2.71	-	16.13	27.21	3.24	-
AV	2.4382G	95.20	Inf	-Inf	30.63	3	Horizontal	129	2.71	-	64.58	27.34	3.29	-
AV	2.4882G	47.51	54.00	-6.49	30.81	3	Horizontal	129	2.71	-	16.70	27.47	3.34	-
PK	2.3382G	59.82	74.00	-14.18	30.27	3	Horizontal	129	2.71	-	29.55	27.08	3.19	-
PK	2.441G	104.09	Inf	-Inf	30.64	3	Horizontal	129	2.71	-	73.45	27.35	3.29	-
PK	2.4878G	58.62	74.00	-15.38	30.81	3	Horizontal	129	2.71	-	27.82	27.47	3.34	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

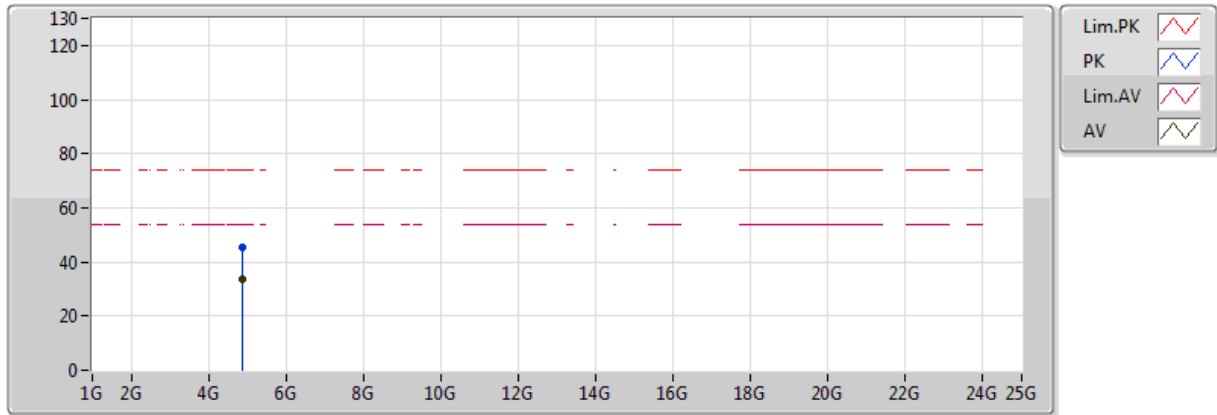


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87456G	33.88	54.00	-20.12	5.98	3	Vertical	360	1.50	-	27.90	31.28	4.54	29.84
PK	4.87414G	45.76	74.00	-28.24	5.98	3	Vertical	360	1.50	-	39.79	31.28	4.54	29.84

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

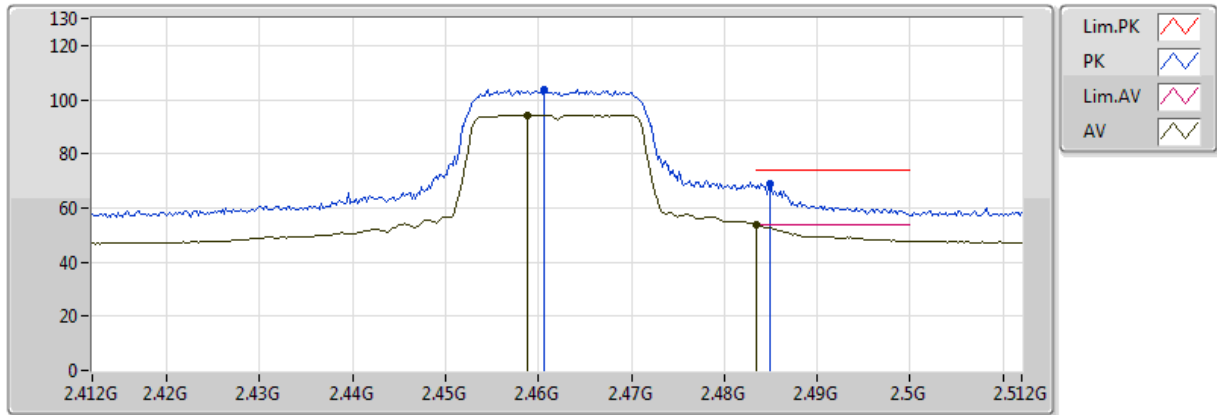


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8744G	33.86	54.00	-20.14	5.98	3	Horizontal	0	1.50	-	27.88	31.28	4.54	29.84
PK	4.87338G	45.44	74.00	-28.56	5.99	3	Horizontal	0	1.50	-	39.45	31.28	4.54	29.84

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

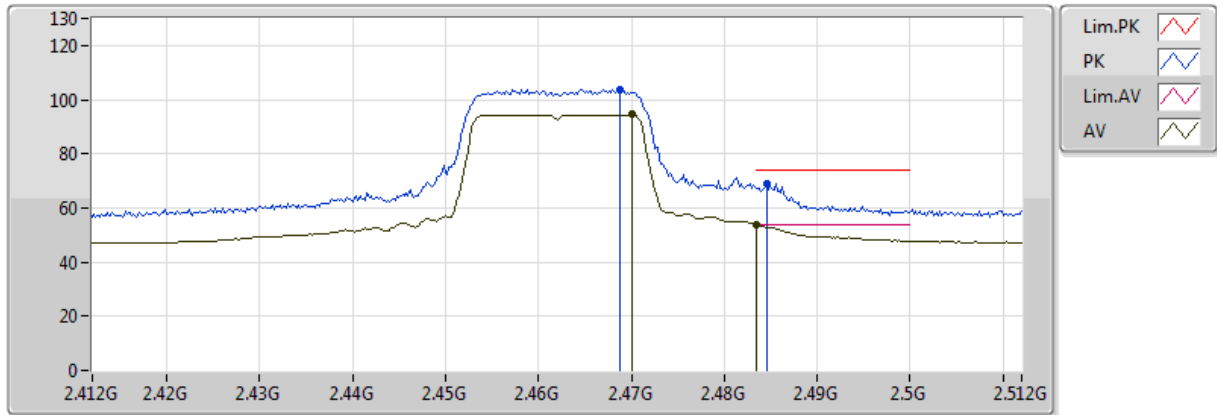


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4588G	94.38	Inf	-Inf	30.70	3	Vertical	109	1.04	-	63.68	27.39	3.31	-
AV	2.483502G	53.66	54.00	-0.34	30.79	3	Vertical	109	1.04	-	22.87	27.46	3.33	-
PK	2.4606G	103.94	Inf	-Inf	30.71	3	Vertical	109	1.04	-	73.23	27.40	3.31	-
PK	2.485G	68.83	74.00	-5.17	30.80	3	Vertical	109	1.04	-	38.03	27.46	3.33	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

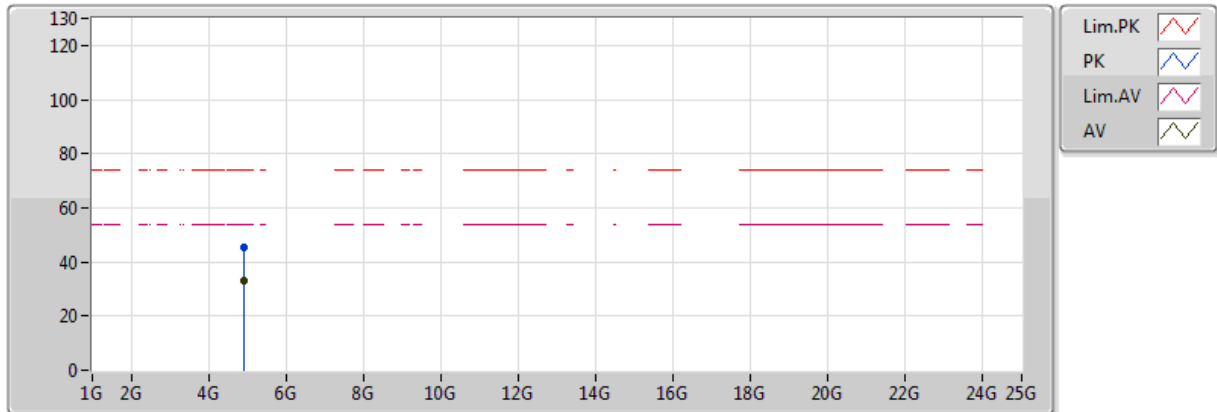


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.47G	94.48	Inf	-Inf	30.74	3	Horizontal	129	2.69	-	63.74	27.42	3.32	-
AV	2.483502G	53.66	54.00	-0.34	30.79	3	Horizontal	129	2.69	-	22.87	27.46	3.33	-
PK	2.4688G	103.89	Inf	-Inf	30.74	3	Horizontal	129	2.69	-	73.15	27.42	3.32	-
PK	2.4846G	68.92	74.00	-5.08	30.79	3	Horizontal	129	2.69	-	38.13	27.46	3.33	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

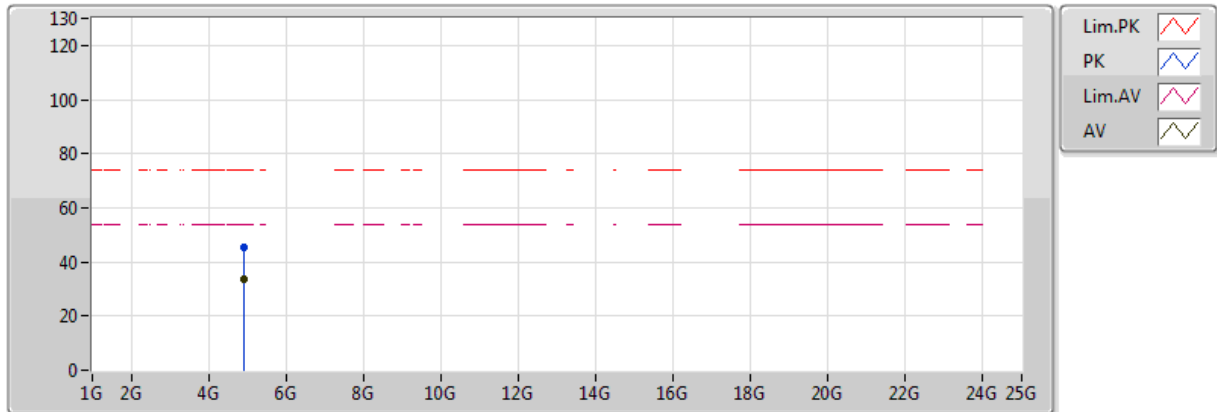


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92476G	33.23	54.00	-20.77	6.16	3	Vertical	0	1.50	-	27.08	31.40	4.58	29.82
PK	4.92368G	45.45	74.00	-28.55	6.14	3	Vertical	0	1.50	-	39.30	31.39	4.58	29.82

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92568G	33.51	54.00	-20.49	6.13	3	Horizontal	360	1.50	-	27.38	31.38	4.57	29.82
PK	4.9264G	45.64	74.00	-28.36	6.13	3	Horizontal	360	1.50	-	39.51	31.38	4.57	29.82

**Summary**

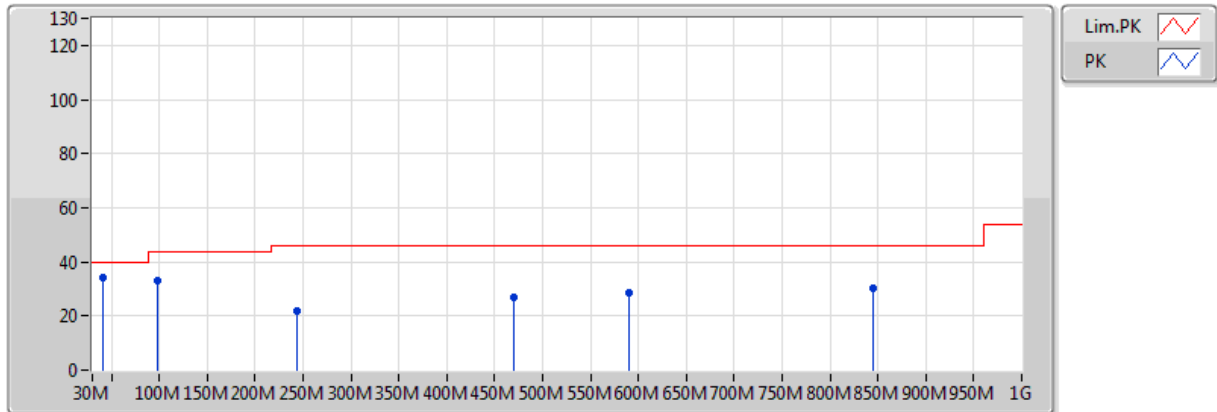
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	PK	41.64M	34.23	40.00	-5.77	-8.86	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	28.23	40.00	-11.77	-2.39	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	97.9M	21.77	43.50	-21.73	-9.72	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	258.92M	21.39	46.00	-24.61	-5.68	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	431.58M	25.03	46.00	-20.97	-2.76	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	555.74M	27.99	46.00	-18.01	-0.45	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	833.16M	30.79	46.00	-15.21	2.26	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	41.64M	34.23	40.00	-5.77	-8.86	3	Vertical	0	1.00	-
2437MHz	Pass	PK	97.9M	33.10	43.50	-10.40	-9.72	3	Vertical	0	1.00	-
2437MHz	Pass	PK	243.4M	21.75	46.00	-24.25	-7.26	3	Vertical	0	1.00	-
2437MHz	Pass	PK	470.38M	26.92	46.00	-19.08	-1.82	3	Vertical	0	1.00	-
2437MHz	Pass	PK	590.66M	28.37	46.00	-17.63	-0.62	3	Vertical	0	1.00	-
2437MHz	Pass	PK	844.8M	30.38	46.00	-15.62	2.34	3	Vertical	0	1.00	-

802.11g_Nss1,(6Mbps)_1RX

2437MHz_Adapter

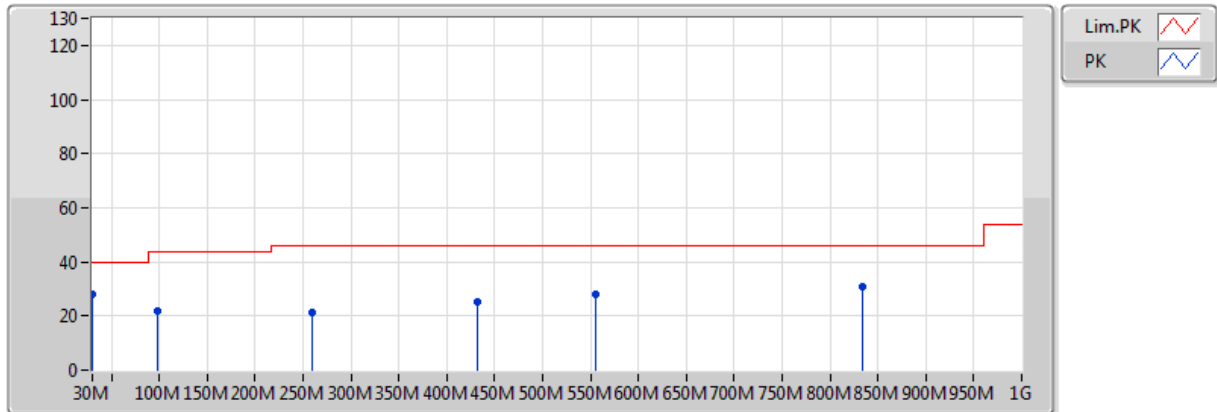


EUT = Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	41.64M	34.23	40.00	-5.77	-8.86	3	Vertical	0	1.00	-	43.09	16.84	1.85	27.55
PK	97.9M	33.10	43.50	-10.40	-9.72	3	Vertical	0	1.00	-	42.82	15.70	1.96	27.38
PK	243.4M	21.75	46.00	-24.25	-7.26	3	Vertical	0	1.00	-	29.01	16.96	2.59	26.81
PK	470.38M	26.92	46.00	-19.08	-1.82	3	Vertical	0	1.00	-	28.74	22.38	3.47	27.67
PK	590.66M	28.37	46.00	-17.63	-0.62	3	Vertical	0	1.00	-	28.99	23.64	3.71	27.97
PK	844.8M	30.38	46.00	-15.62	2.34	3	Vertical	0	1.00	-	28.04	25.36	4.61	27.63

802.11g_Nss1,(6Mbps)_1RX

2437MHz_Adapter



EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	28.23	40.00	-11.77	-2.39	3	Horizontal	360	1.00	-	30.62	23.48	1.71	27.58
PK	97.9M	21.77	43.50	-21.73	-9.72	3	Horizontal	360	1.00	-	31.49	15.70	1.96	27.38
PK	258.92M	21.39	46.00	-24.61	-5.68	3	Horizontal	360	1.00	-	27.07	18.76	2.33	26.77
PK	431.58M	25.03	46.00	-20.97	-2.76	3	Horizontal	360	1.00	-	27.79	21.41	3.29	27.46
PK	555.74M	27.99	46.00	-18.01	-0.45	3	Horizontal	360	1.00	-	28.44	23.80	3.67	27.92
PK	833.16M	30.79	46.00	-15.21	2.26	3	Horizontal	360	1.00	-	28.53	25.28	4.63	27.66

**Summary**

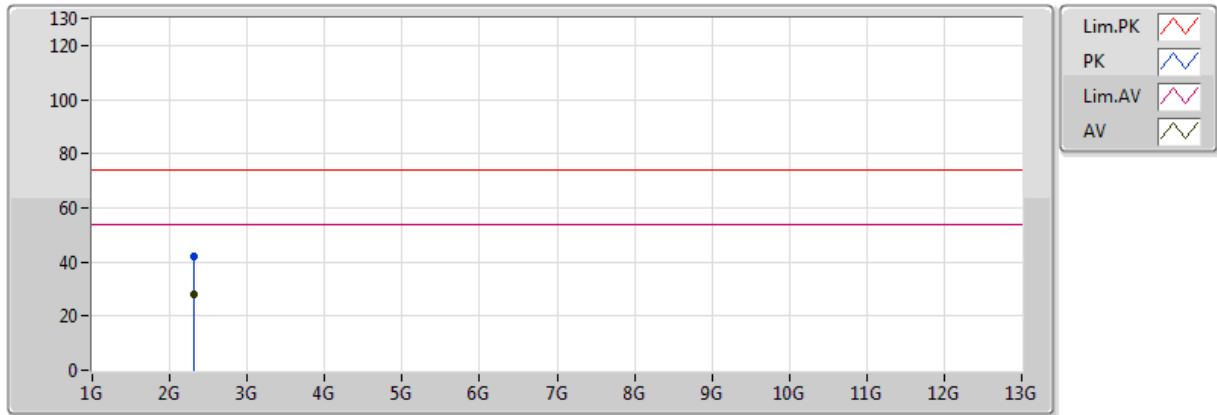
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.988G	29.12	54.00	-24.88	1.62	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	AV	2.310002G	28.22	54.00	-25.78	-0.39	3	Vertical	360	1.00	-
2437MHz	Pass	PK	2.310002G	41.93	74.00	-32.07	-0.39	3	Vertical	360	1.00	-
2437MHz	Pass	AV	2.988G	29.12	54.00	-24.88	1.62	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	2.988G	41.43	74.00	-32.57	1.62	3	Horizontal	0	1.00	-

802.11g_Nss1,(6Mbps)_1RX

2437MHz_RX

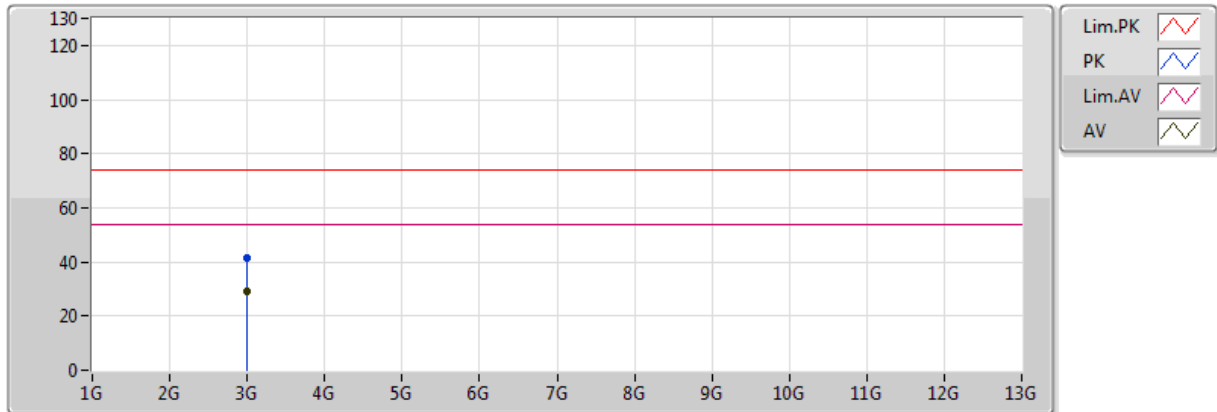


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.310002G	28.22	54.00	-25.78	-0.39	3	Vertical	360	1.00	-	28.61	27.01	3.17	30.56
PK	2.310002G	41.93	74.00	-32.07	-0.39	3	Vertical	360	1.00	-	42.32	27.01	3.17	30.56

802.11g_Nss1,(6Mbps)_1RX

2437MHz_RX



EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.988G	29.12	54.00	-24.88	1.62	3	Horizontal	0	1.00	-	27.50	28.38	3.60	30.36
PK	2.988G	41.43	74.00	-32.57	1.62	3	Horizontal	0	1.00	-	39.81	28.38	3.60	30.36