

# FCC Test Report

**Equipment** : Aristotle Camera  
**Brand Name** : MATTEL  
**Model No.** : FMT66  
**FCC ID** : E8HFMT66  
**Standard** : 47 CFR FCC Part 15.247  
**Operating Band** : 2400 MHz – 2483.5 MHz  
**Function** :  Point-to-multipoint;  Point-to-point  
**Applicant** : Chicony Electronic Company Co., Ltd.  
36F No.69, Sec. 2, Guangfu Rd., Sanchong Dist.,  
New Taipei City 24158, Taiwan, R.O.C.  
**Manufacturer** : Chicony Electronics ( Mainland China II ) Co., Ltd.  
San Zhong Gong Li Qu, Qingxi, Dongguan, China

The product sample received on Jan. 17, 2017 and completely tested on Mar. 07, 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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**PHOTOGRAPHS OF EUT V01**



### Summary of Test Result

Conformance Test Specifications				
Report Clause	Ref. Std. Clause	Description	Limit	Result
1.1.2	15.203	Antenna Requirement	FCC 15.203	Complied
3.1	15.207	AC Power-line Conducted Emissions	FCC 15.207	Complied
3.2	15.247(a)	DTS Bandwidth	≥500kHz	Complied
3.3	15.247(b)	Maximum Conducted Output Power	Power [dBm]:30	Complied
3.4	15.247(e)	Power Spectral Density	PSD [dBm/3kHz]:8	Complied
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	Non-Restricted Bands: > 20 dBc	Complied
3.6	15.247(d)	Emissions in Restricted Frequency Bands	Restricted Bands: FCC 15.209	Complied



### Revision History

Report No.	Version	Description	Issued Date
FR711811AC	Rev. 01	Initial issue of report	Mar. 17, 2017
FR711811AL	Rev. 02	Radiated Emission data 9kHz to 30MHz was evaluated	Mar. 23, 2017



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

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

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

Note:

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

### 1.1.2 Antenna Information

Ant.	Port	Brand	Antenna Type	Connector	Gain (dBi)
1	1	WGT	PIFA Antenna	FIXED	1.75



1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.98	0.088	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.872	0.595	1.365m	1k
802.11n HT20	0.862	0.645	1.278m	1k
802.11n HT40	0.764	1.169	637.5u	3k



### 1.2 Testing Applied Standards

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

- ◆ 47 CFR FCC Part 15
- ◆ ANSI C63.10-2013
- ◆ KDB 558074 D01 v03r05

### 1.3 Testing Location Information

Testing Location					
<input checked="" type="checkbox"/>	HWA YA	ADD :	No. 52, Hwa Ya 1st Rd., Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.		
		TEL :	886-3-327-3456	FAX :	886-3-327-0973
Test site Designation No. 553509 with FCC.					
<input type="checkbox"/>	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.		
		TEL :	886-3-656-9065	FAX :	886-3-656-9085
Test site Designation No. TW0006 with FCC.					

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Ryan	22.5°C / 61%	16/Feb/2017
Radiated	03CH03-HY	Jeff	22.2°C / 51.8%	15/Feb/2017
AC Conduction	CO04-HY	Bear	19°C / 55%	07/Mar/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	120V

### 2.2 Test Channel Mode

Test Software Version	QRCT/3.0.246.0
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Mode	Power Setting
802.11b_(1Mbps)_1TX	-
2412MHz	18
2437MHz	25
2462MHz	25
802.11g_(6Mbps)_1TX	-
2412MHz	16
2437MHz	25
2462MHz	16
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	14
2437MHz	17
2462MHz	16
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	15
2437MHz	18
2452MHz	16



### 2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	AC power-line conducted emissions
<b>Condition</b>	AC power-line conducted measurement for line and neutral
<b>Operating Mode</b>	CTX
1	AC Power & Radio link (WLAN)

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

The Worst Case Mode for Following Conformance Tests			
<b>Tests Item</b>	Emissions in Restricted Frequency Bands		
<b>Test Condition</b>	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.		
<b>Operating Mode &lt; 1GHz</b>	CTX		
1	AC Power & Radio link (WLAN)		
<b>Operating Mode &gt; 1GHz</b>	CTX		
<b>Orthogonal Planes of EUT</b>	<b>X Plane</b>	<b>Y Plane</b>	<b>Z Plane</b>
			
<b>Worst Planes of EUT</b>		V	



## 2.4 Accessories

Accessories				
AC Adapter 2(US Plug)	Brand Name	I.T.E POWER SUPPLY	Model Name	YJC010W-0502000U
	Power Rating	I/P: 100-240Vac, 500mA, O/P: 5.0Vdc, 2000mA		
USB Cable	Signal Line	2.97 meter, non-shielded cable, w/o ferrite core		

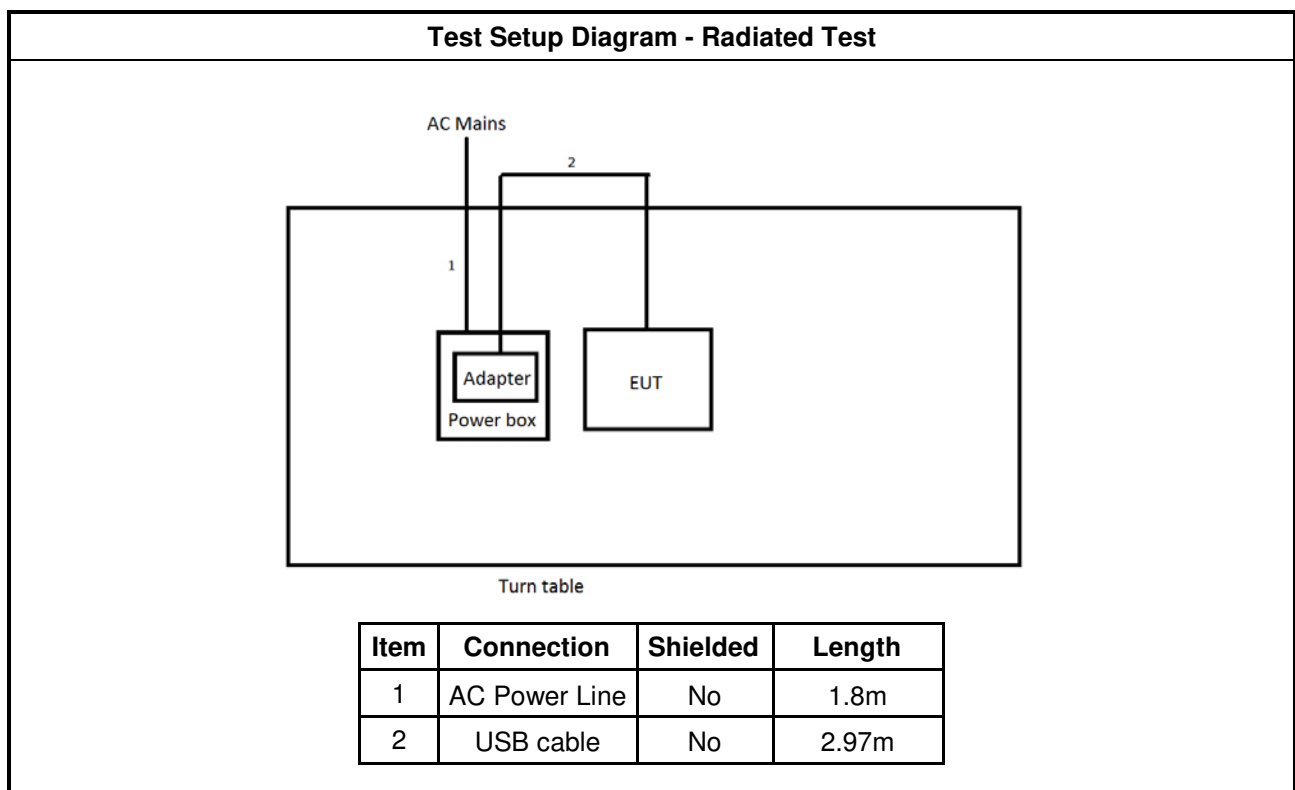
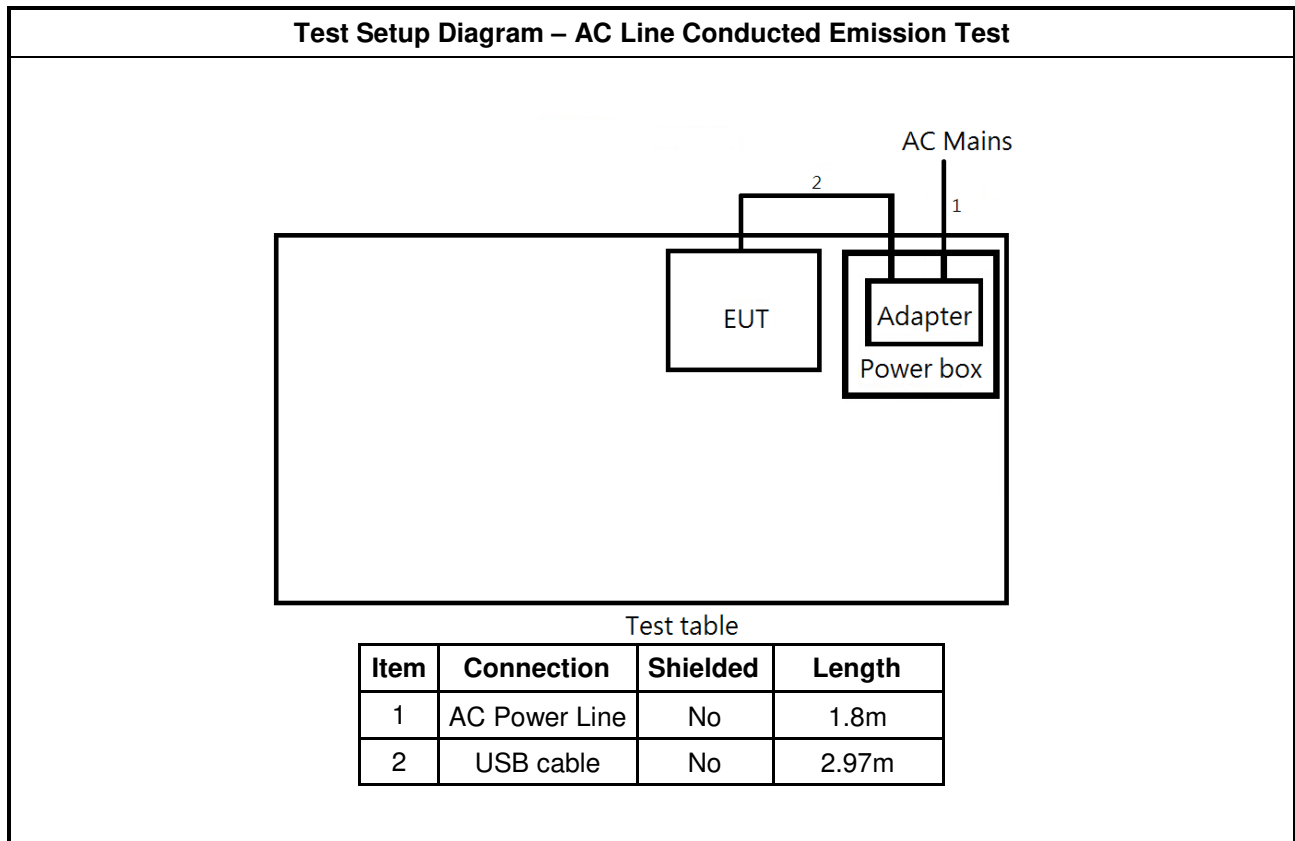
## 2.5 Support Equipment

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

Support Equipment - Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	-	-	-	-
2	-	-	-	-

Support Equipment - AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	-	-	-	-
2	-	-	-	-

## 2.6 Test Setup Diagram



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

##### 3.1.1 AC Power-line Conducted Emissions Limit

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

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

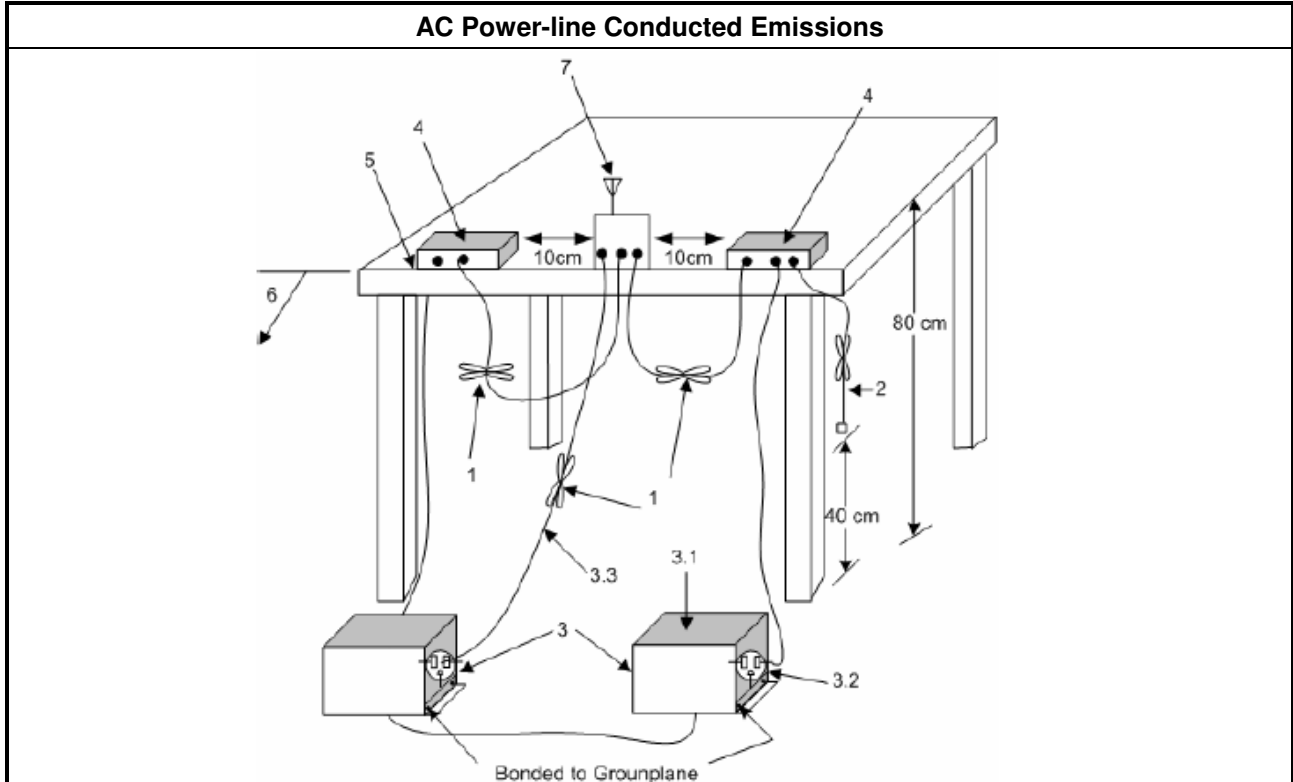
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

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

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

### 3.2 DTS Bandwidth

#### 3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
<b>Systems using digital modulation techniques:</b>
<ul style="list-style-type: none"> <li>▪ 6 dB bandwidth <math>\geq</math> 500 kHz.</li> </ul>

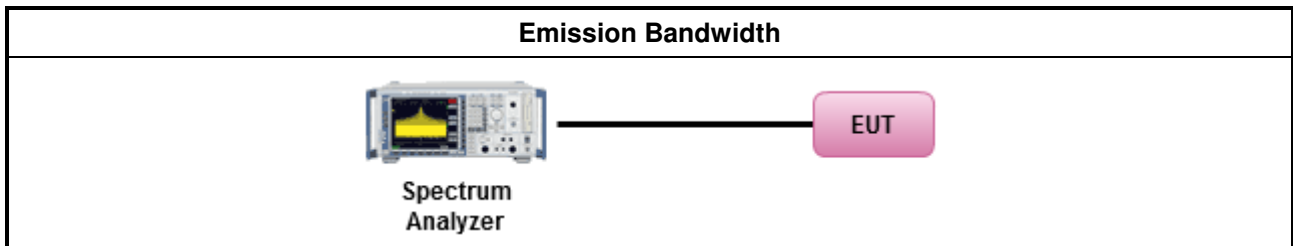
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:</li> </ul>
<input checked="" type="checkbox"/> Refer as KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

#### 3.2.4 Test Setup



#### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	<ul style="list-style-type: none"> <li>▪ If <math>G_{TX} \leq 6</math> dBi, then <math>P_{Out} \leq 30</math> dBm (1 W)</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Point-to-point systems (P2P): If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Smart antenna system (SAS):</li> </ul>
	<ul style="list-style-type: none"> <li>- Single beam: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>- Overlap beam: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>- Aggregate power on all beams: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3 + 8</math> dB dBm</li> </ul>
e.i.r.p. Power Limit:	
	<ul style="list-style-type: none"> <li>▪ 2400-2483.5 MHz Band</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): <math>P_{eirp} \leq 36</math> dBm (4 W)</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Point-to-point systems (P2P): <math>P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Smart antenna system (SAS)</li> </ul>
	<ul style="list-style-type: none"> <li>- Single beam: <math>P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>- Overlap beam: <math>P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>- Aggregate power on all beams: <math>P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])</math> dBm</li> </ul>
<p><math>P_{Out}</math> = maximum peak conducted output power or maximum conducted output power in dBm,  <math>G_{TX}</math> = the maximum transmitting antenna directional gain in dBi.</p>	

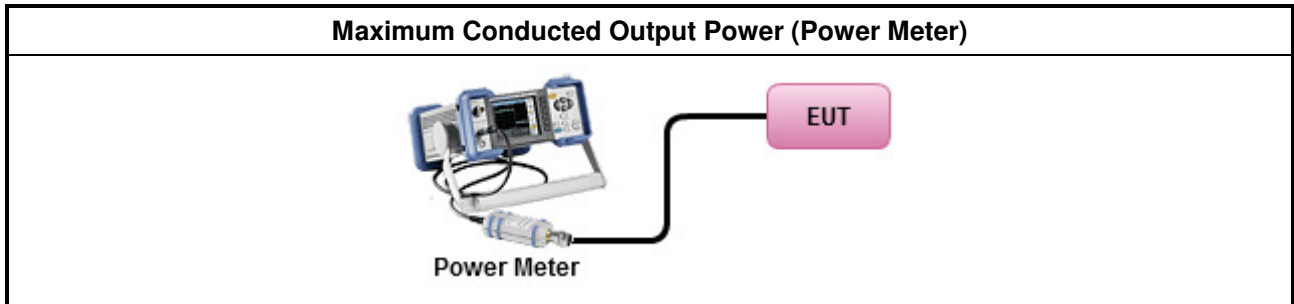
#### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ Maximum Peak Conducted Output Power</li> </ul>	
<input type="checkbox"/>	Refer as KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
<input type="checkbox"/>	Refer as KDB 558074, clause 9.1.2 Option 2 (peak power meter for VBW ≥ DTS BW)
<ul style="list-style-type: none"> <li>▪ Maximum Average Conducted Output Power</li> </ul>	
Duty cycle ≥ 98%	
<input type="checkbox"/>	Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
Duty cycle < 98%	
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average power meter).
<ul style="list-style-type: none"> <li>▪ For conducted measurement.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>	

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

### 3.4 Power Spectral Density

#### 3.4.1 Power Spectral Density Limit

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

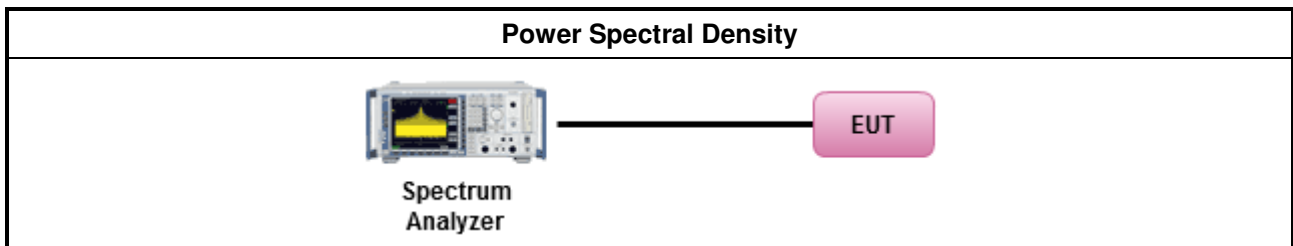
#### 3.4.2 Measuring Instruments

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

#### 3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>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).</li> </ul>	
<input checked="" type="checkbox"/> Refer as KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).	
<ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>	
<ul style="list-style-type: none"> <li>If The EUT supports multiple transmit chains using options given below:</li> </ul>	
<input type="checkbox"/>	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.

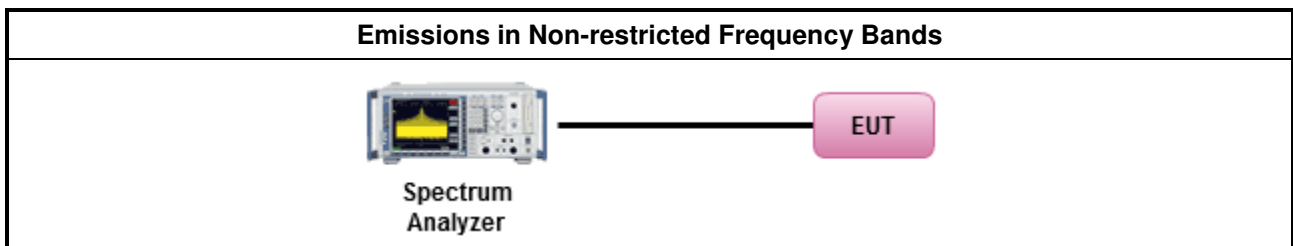
#### 3.5.2 Measuring Instruments

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

#### 3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 11 for unwanted emissions into non-restricted bands.</li> </ul>

#### 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

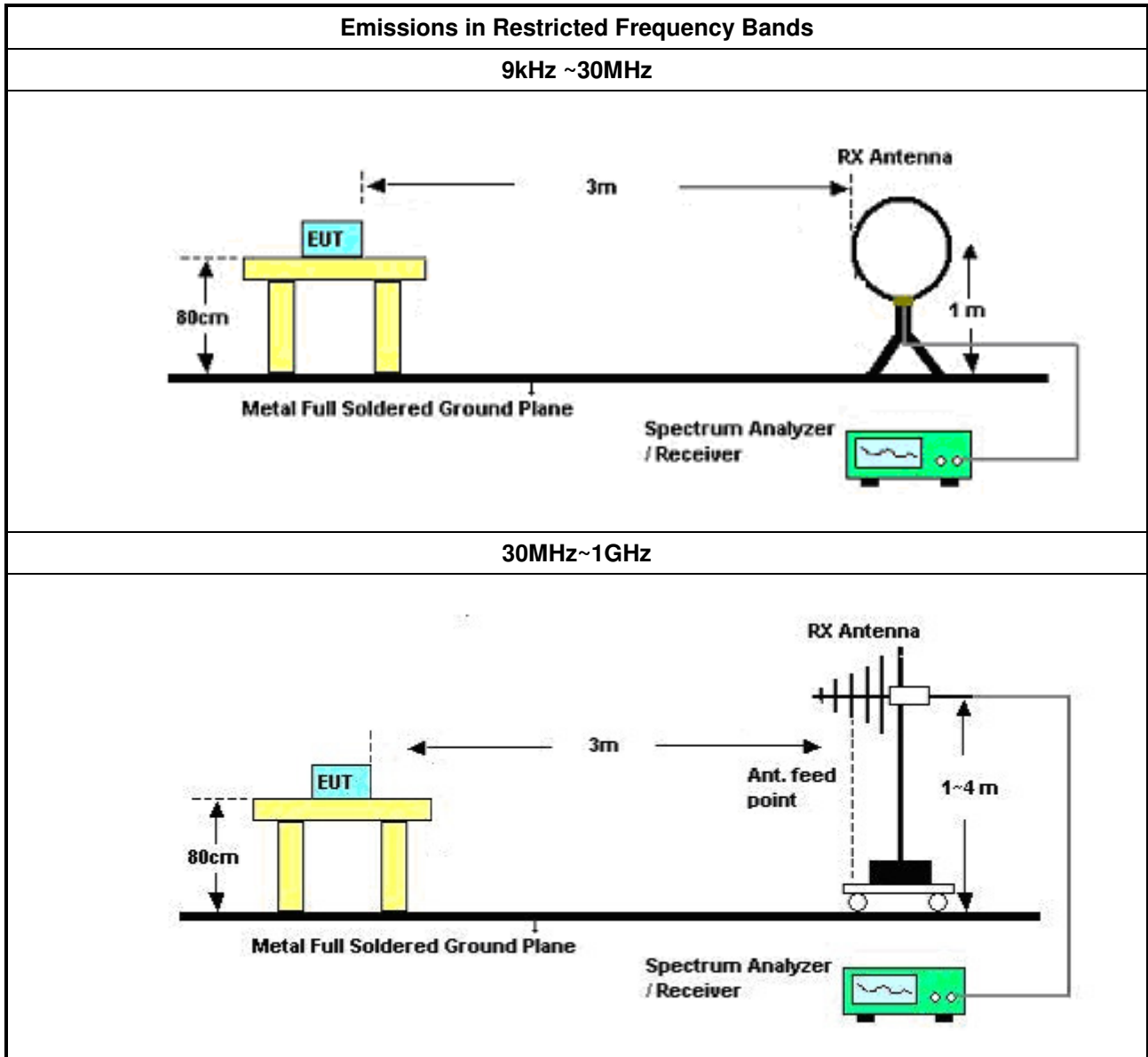
Refer a test equipment and calibration data table in this test report.

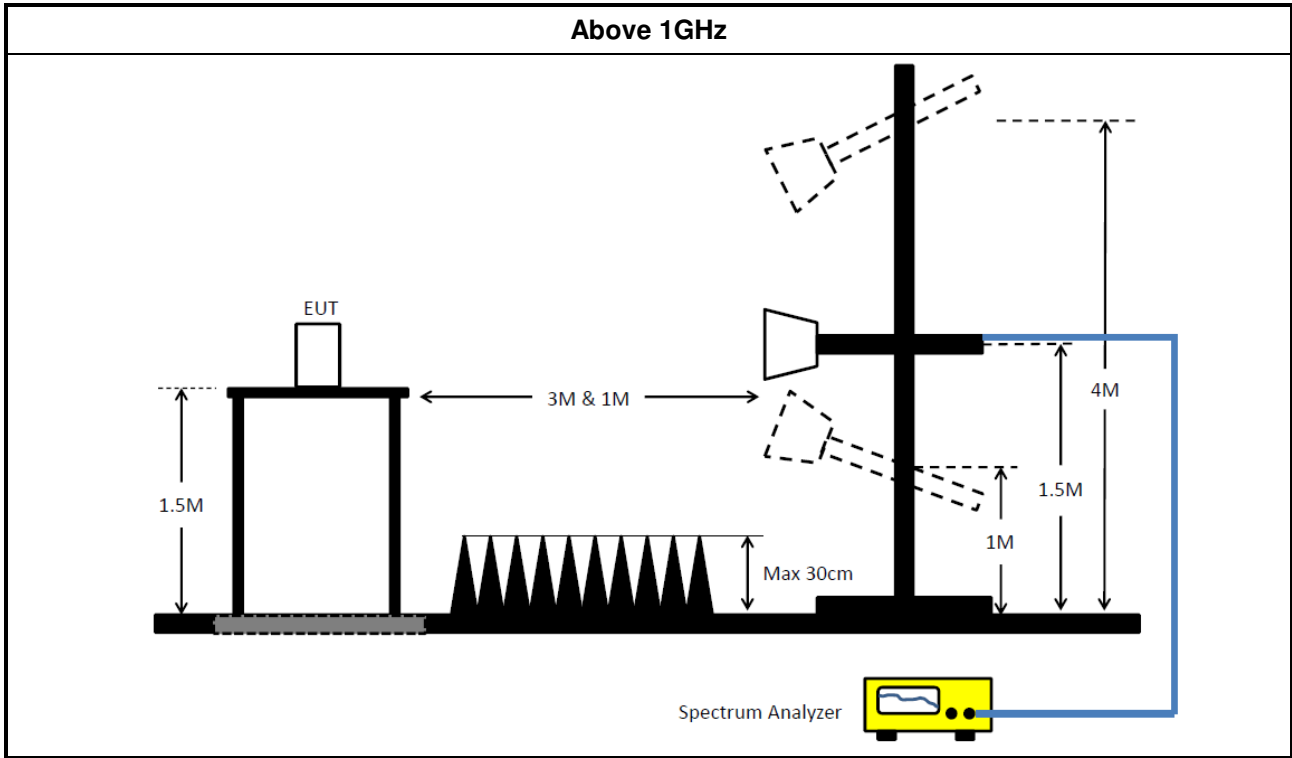


3.6.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ The average emission levels shall be measured in [duty cycle <math>\geq</math> 98 or duty factor].</li> </ul>	
<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ For the transmitter unwanted emissions shall be measured using following options below:</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.</li> </ul>
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 12.2.5.3 (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW $\geq$ 1/T.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 12.2.4 measurement procedure peak limit.
<ul style="list-style-type: none"> <li>▪ For the transmitter band-edge emissions shall be measured using following options below:</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Refer as KDB 558074, clause 13.2 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ 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).</li> </ul>
<ul style="list-style-type: none"> <li>▪ For conducted and cabinet radiation measurement, refer as KDB 558074, clause 12.2.2.</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ 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</li> </ul>
	<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>

### 3.6.4 Test Setup





### 3.6.5 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102051	9kHz~3.6GHz	15/Apr/2016	14/Apr/2017
LISN	R&S	ENV216	101295	9kHz~30MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz~30MHz	24/Oct/2016	23/Oct/2017

### 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	10/May/2016	09/May/2017
Amplifier	KEYSIGHT	83017A	MY53270197	1GHz~26.5GHz	29/Aug/2016	28/Aug/2017
Spectrum Analyzer	R&S	FSV 40	101500	9kHz~40GHz	12/May/2016	11/May/ 2017
Bilog Antenna	SCHAFFNER	CBL 6112D	2723	30MHz~1GHz	01/Oct/2016	30/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120D 1531	1GHz~18GHz	22/Apr/2016	21/Apr/2017
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Feb/2016	17/Feb/2017
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz~30 MHz	16/Mar/2016	15/Mar/2017
RF-Cable-high	SUHNER	SUHNER	CB222	1GHz~40GHz	28/Oct/2016	27/Oct/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~1GHz	27/Oct/2016	26/Oct/2017

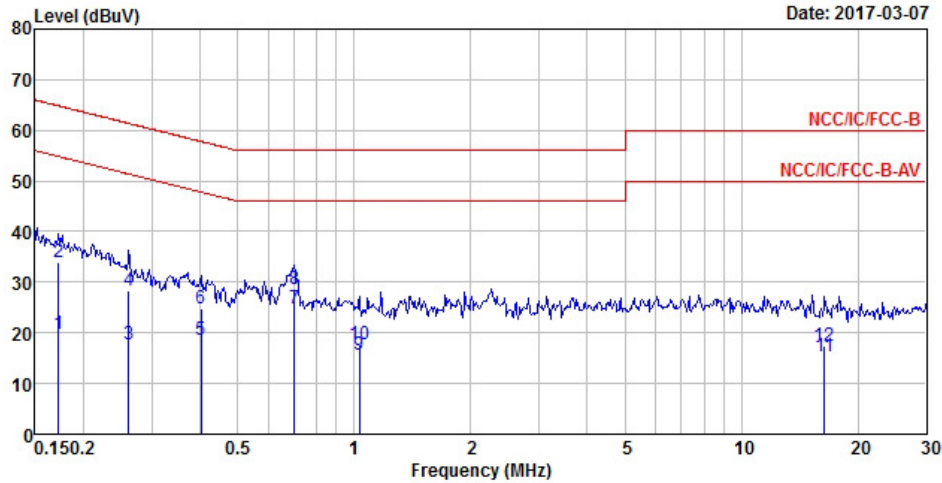
### Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	9kHz~40GHz	12/May/2016	11/May/ 2017
Power Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz~40GHz	21/Jul/2016	20/Jul/2017
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		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17	19.91	-34.95	54.86	10.02	9.63	0.26	Average
2	0.17	34.05	-30.81	64.86	24.16	9.63	0.26	QP
3	0.26	17.59	-33.79	51.38	7.72	9.65	0.22	Average
4	0.26	28.38	-33.00	61.38	18.51	9.65	0.22	QP
5	0.40	18.49	-29.32	47.81	8.76	9.63	0.10	Average
6	0.40	24.66	-33.15	57.81	14.93	9.63	0.10	QP
7 MAX	0.70	24.67	-21.33	46.00	14.96	9.61	0.10	Average
8	0.70	28.76	-27.24	56.00	19.05	9.61	0.10	QP
9	1.03	15.55	-30.45	46.00	5.85	9.59	0.11	Average
10	1.03	17.79	-38.21	56.00	8.09	9.59	0.11	QP
11	16.40	15.35	-34.65	50.00	5.30	9.85	0.20	Average
12	16.40	17.46	-42.54	60.00	7.41	9.85	0.20	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																																																																																																																																	
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Date: 2017-03-07																																																																																																																																	
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	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark																																																																																																																									
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**Summary**

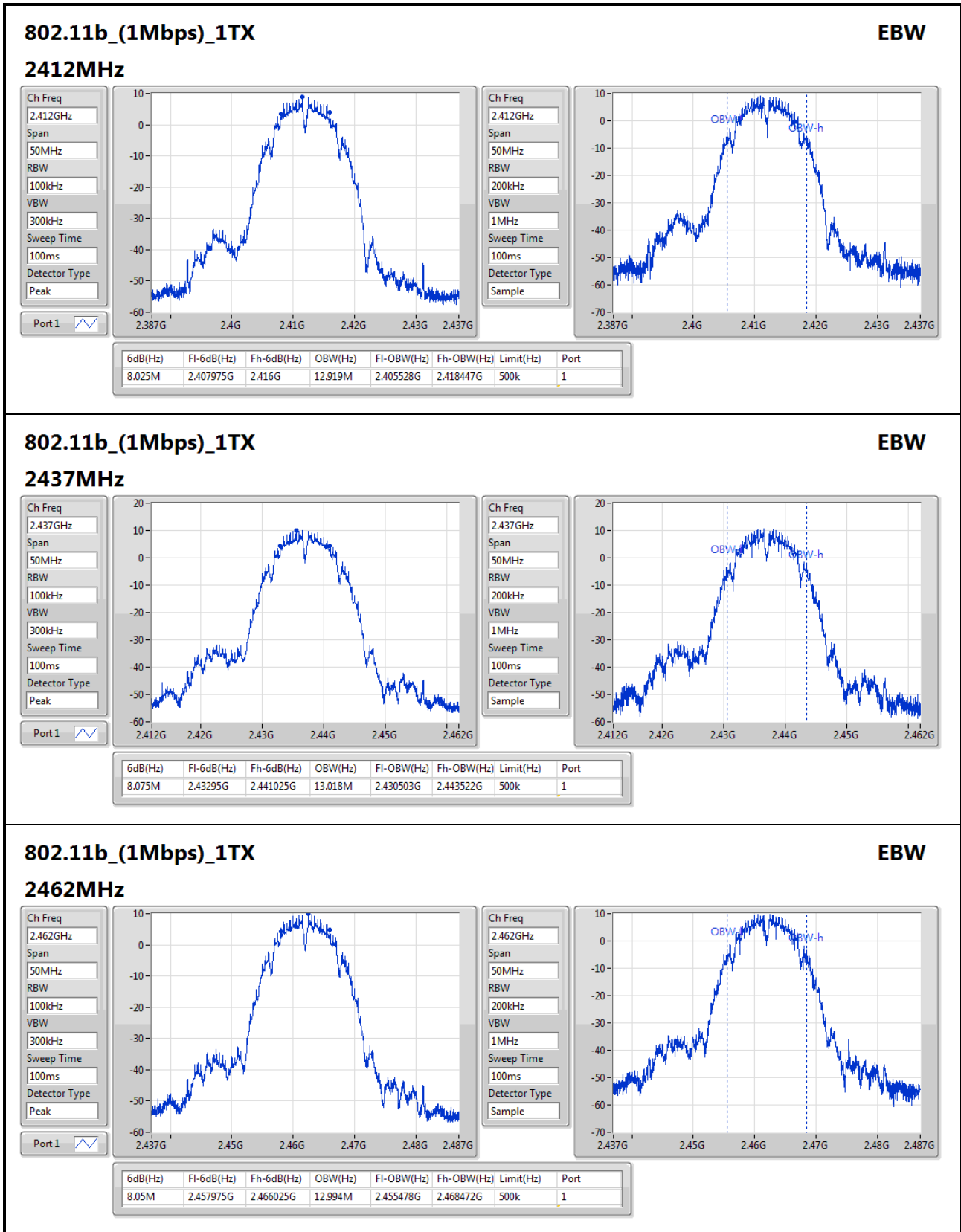
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2.4-2.4835GHz	8.075M	13.018M	13M0G1D	8.025M	12.919M
802.11g_(6Mbps)_1TX	-	-	-	-	-
2.4-2.4835GHz	16.325M	16.692M	16M7D1D	16.325M	16.592M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2.4-2.4835GHz	17.575M	17.791M	17M8D1D	17.325M	17.716M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2.4-2.4835GHz	35.25M	36.132M	36M1D1D	35.1M	36.082M

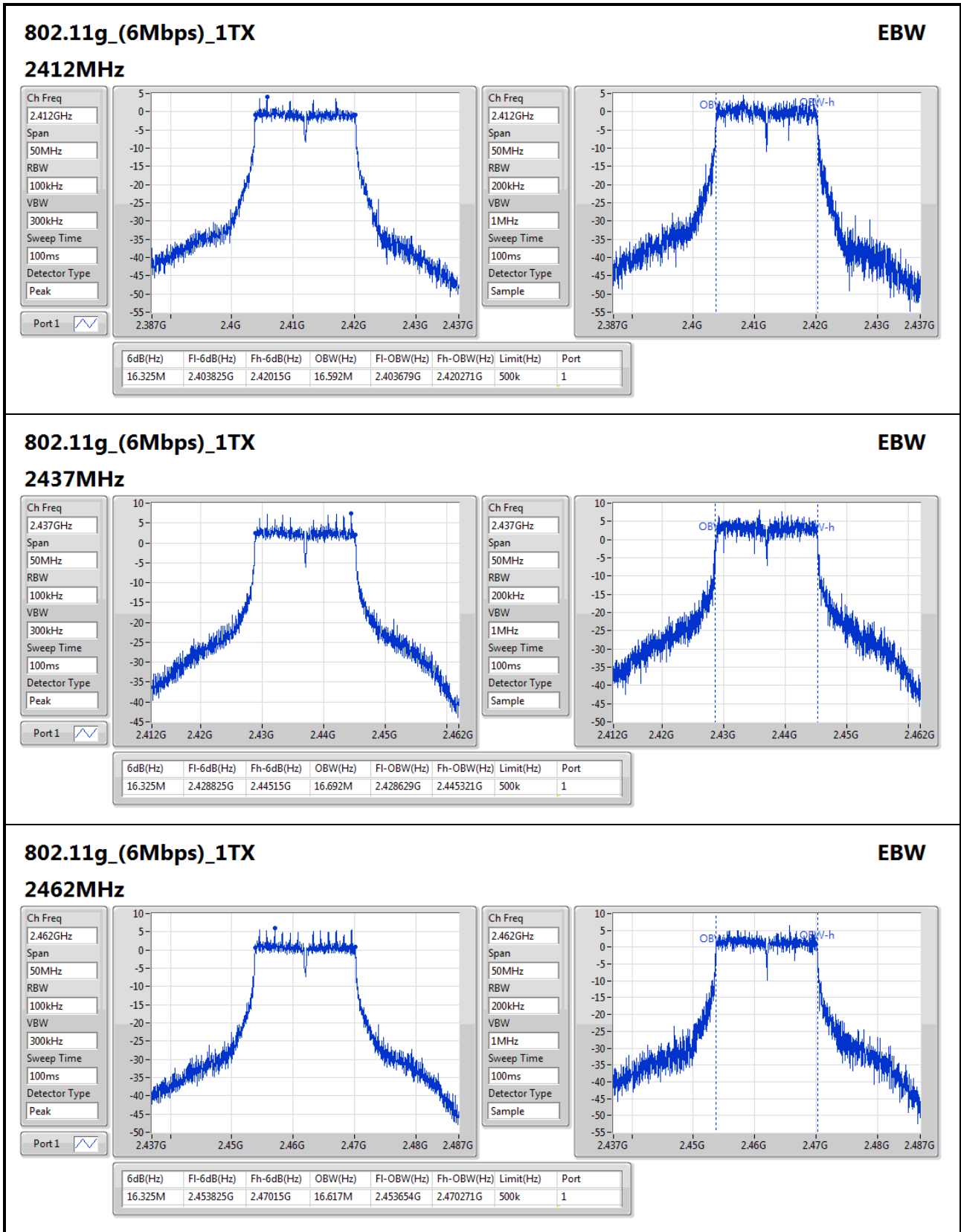
**Max-N dB** = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;  
**Min-N dB** = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

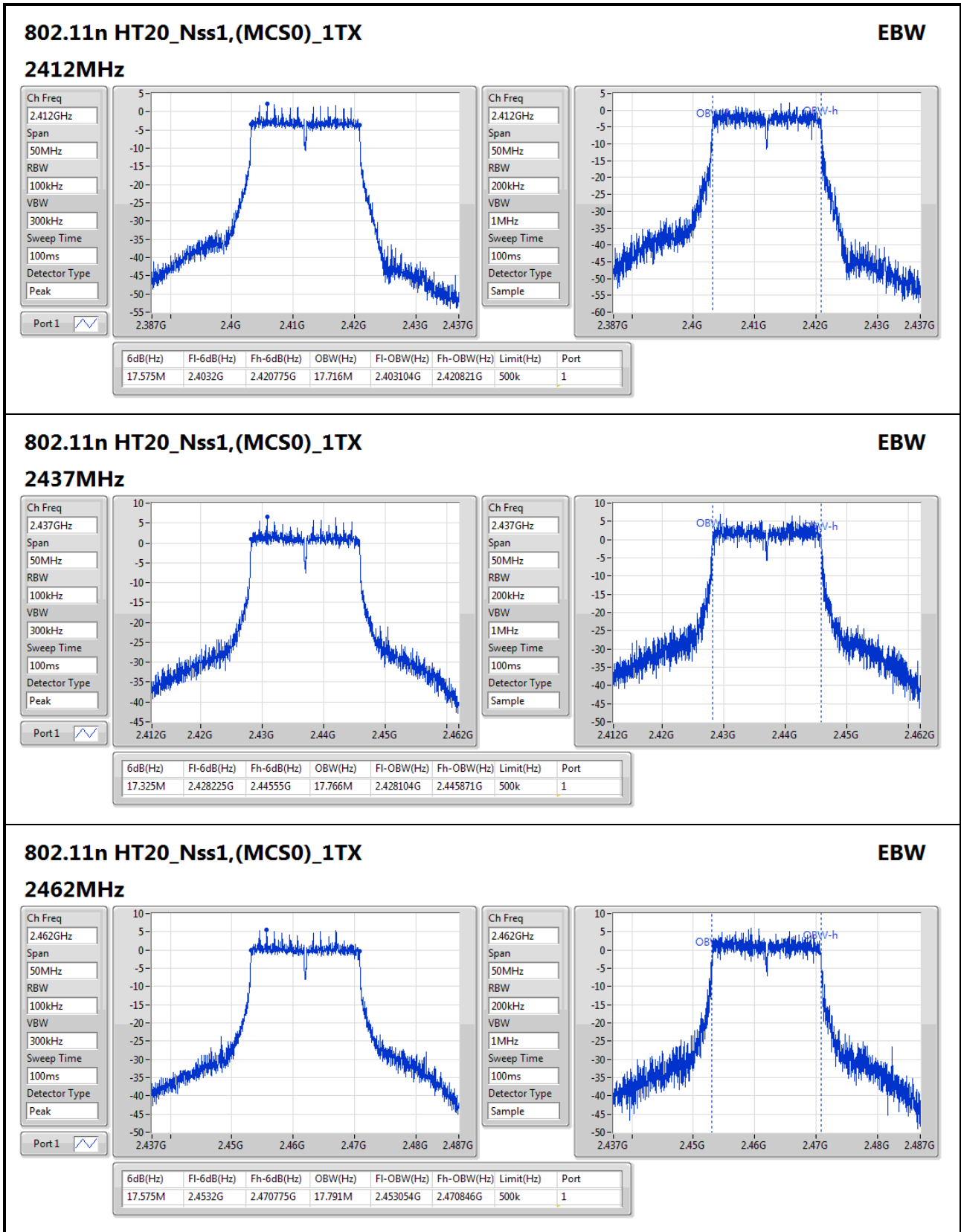
**Result**

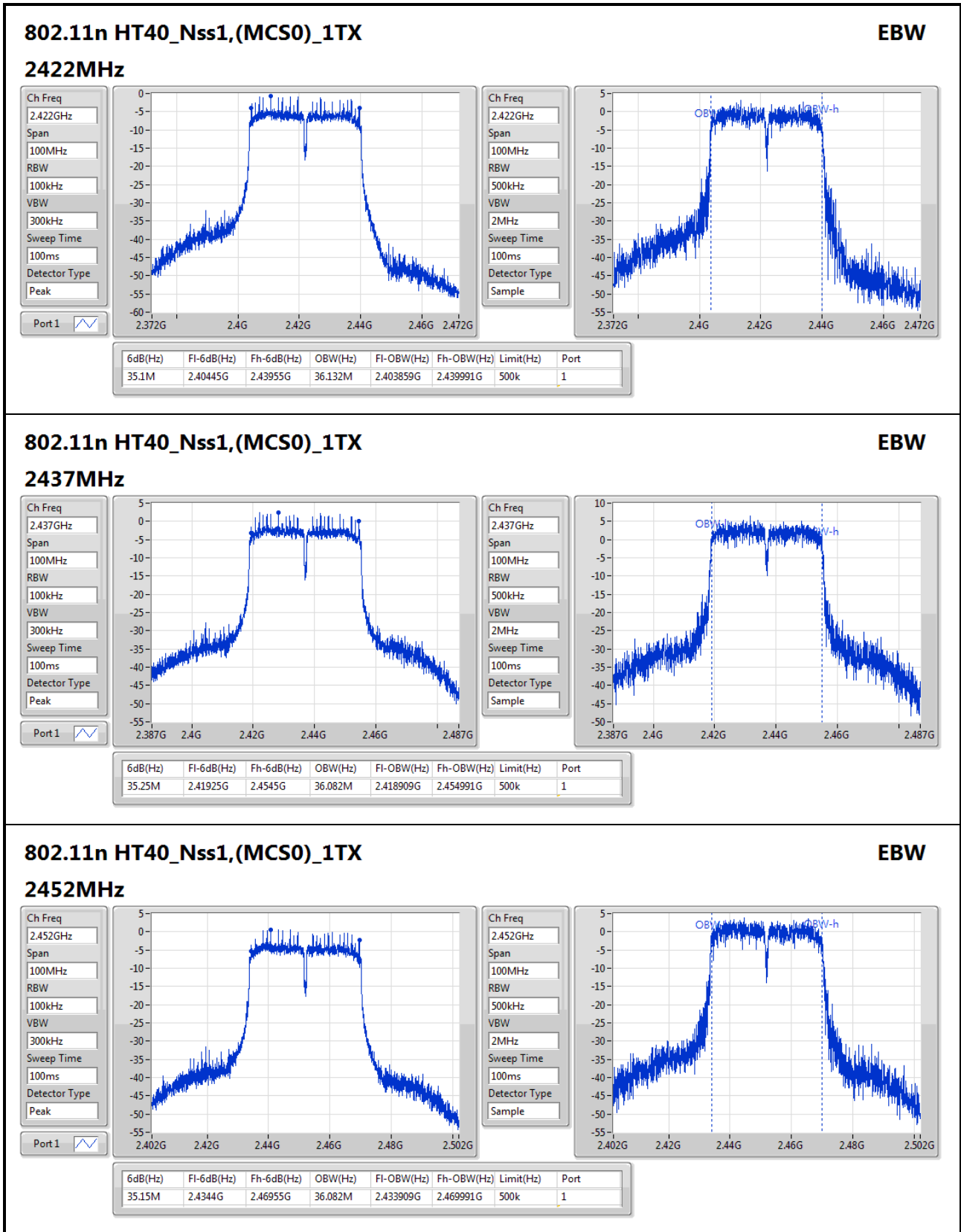
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.025M	12.919M
2437MHz	Pass	500k	8.075M	13.018M
2462MHz	Pass	500k	8.05M	12.994M
802.11g_(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.592M
2437MHz	Pass	500k	16.325M	16.692M
2462MHz	Pass	500k	16.325M	16.617M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.575M	17.716M
2437MHz	Pass	500k	17.325M	17.766M
2462MHz	Pass	500k	17.575M	17.791M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.1M	36.132M
2437MHz	Pass	500k	35.25M	36.082M
2452MHz	Pass	500k	35.15M	36.082M

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











**Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11b_(1Mbps)_1TX	-	-
2.4-2.4835GHz	20.72	0.11803
802.11g_(6Mbps)_1TX	-	-
2.4-2.4835GHz	23.13	0.20559
802.11n HT20_Nss1,(MCS0)_1TX	-	-
2.4-2.4835GHz	23.07	0.20277
802.11n HT40_Nss1,(MCS0)_1TX	-	-
2.4-2.4835GHz	22.76	0.18880

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	19.59	19.59	30.00
2437MHz	Pass	1.75	20.72	20.72	30.00
2462MHz	Pass	1.75	20.12	20.12	30.00
802.11g_(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	22.60	22.60	30.00
2437MHz	Pass	1.75	23.13	23.13	30.00
2462MHz	Pass	1.75	22.64	22.64	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	21.76	21.76	30.00
2437MHz	Pass	1.75	23.07	23.07	30.00
2462MHz	Pass	1.75	22.54	22.54	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	1.75	21.52	21.52	30.00
2437MHz	Pass	1.75	22.76	22.76	30.00
2452MHz	Pass	1.75	22.24	22.24	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_(1Mbps)_1TX	-	-
2.4-2.4835GHz	18.01	0.06324
802.11g_(6Mbps)_1TX	-	-
2.4-2.4835GHz	17.46	0.05572
802.11n HT20_Nss1,(MCS0)_1TX	-	-
2.4-2.4835GHz	16.39	0.04355
802.11n HT40_Nss1,(MCS0)_1TX	-	-
2.4-2.4835GHz	15.38	0.03451

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	16.73	16.73	30.00
2437MHz	Pass	1.75	18.01	18.01	30.00
2462MHz	Pass	1.75	17.43	17.43	30.00
802.11g_(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	14.62	14.62	30.00
2437MHz	Pass	1.75	17.46	17.46	30.00
2462MHz	Pass	1.75	15.79	15.79	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	12.66	12.66	30.00
2437MHz	Pass	1.75	16.39	16.39	30.00
2462MHz	Pass	1.75	15.77	15.77	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	1.75	12.33	12.33	30.00
2437MHz	Pass	1.75	15.38	15.38	30.00
2452MHz	Pass	1.75	13.60	13.60	30.00

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



Summary

Mode	PD (dBm/RBW)
802.11b_(1Mbps)_1TX	-
2.4-2.4835GHz	-3.14
802.11g_(6Mbps)_1TX	-
2.4-2.4835GHz	-6.11
802.11n HT20_Nss1,(MCS0)_1TX	-
2.4-2.4835GHz	-8.76
802.11n HT40_Nss1,(MCS0)_1TX	-
2.4-2.4835GHz	-11.83

RBW=3kHz.

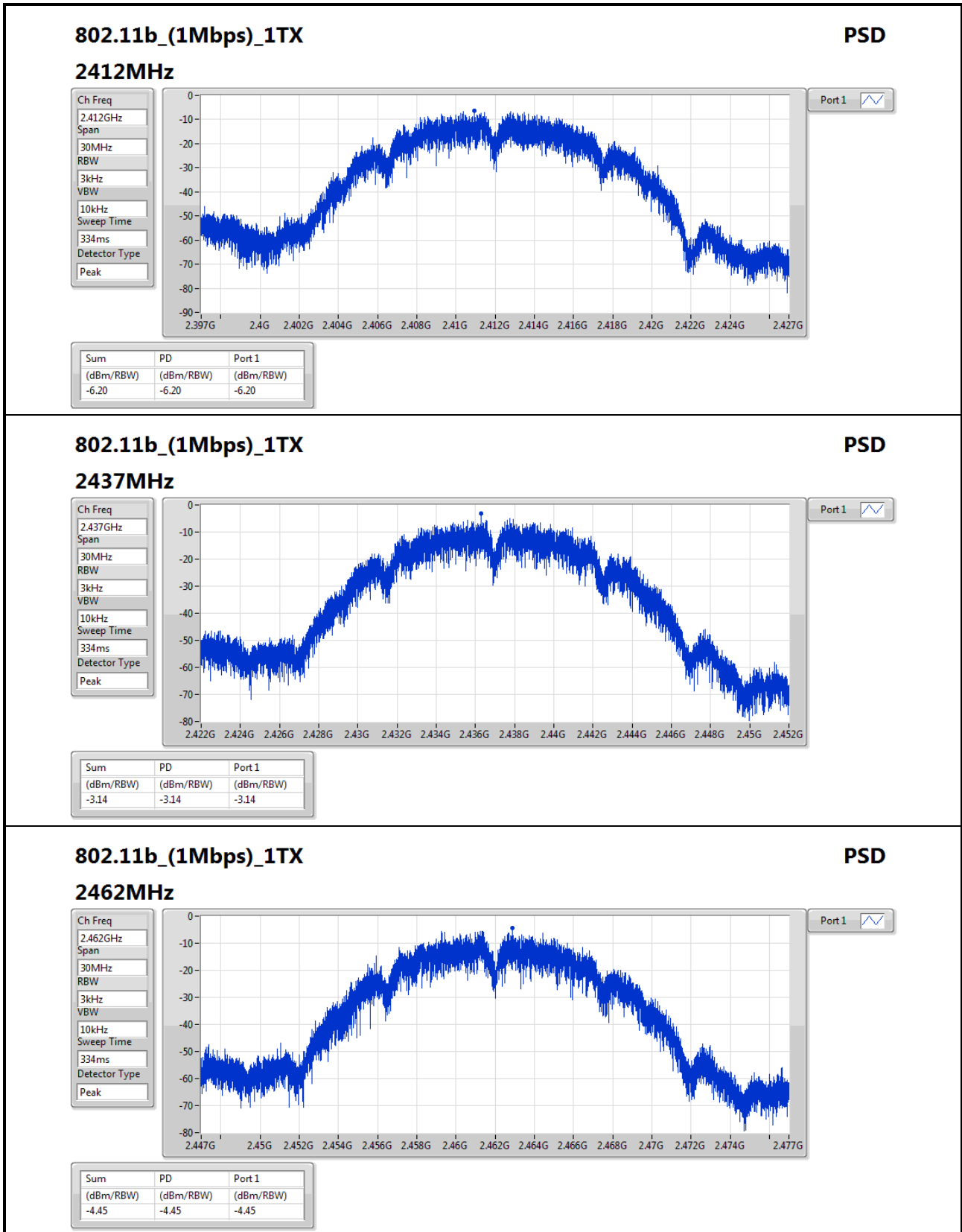
Result

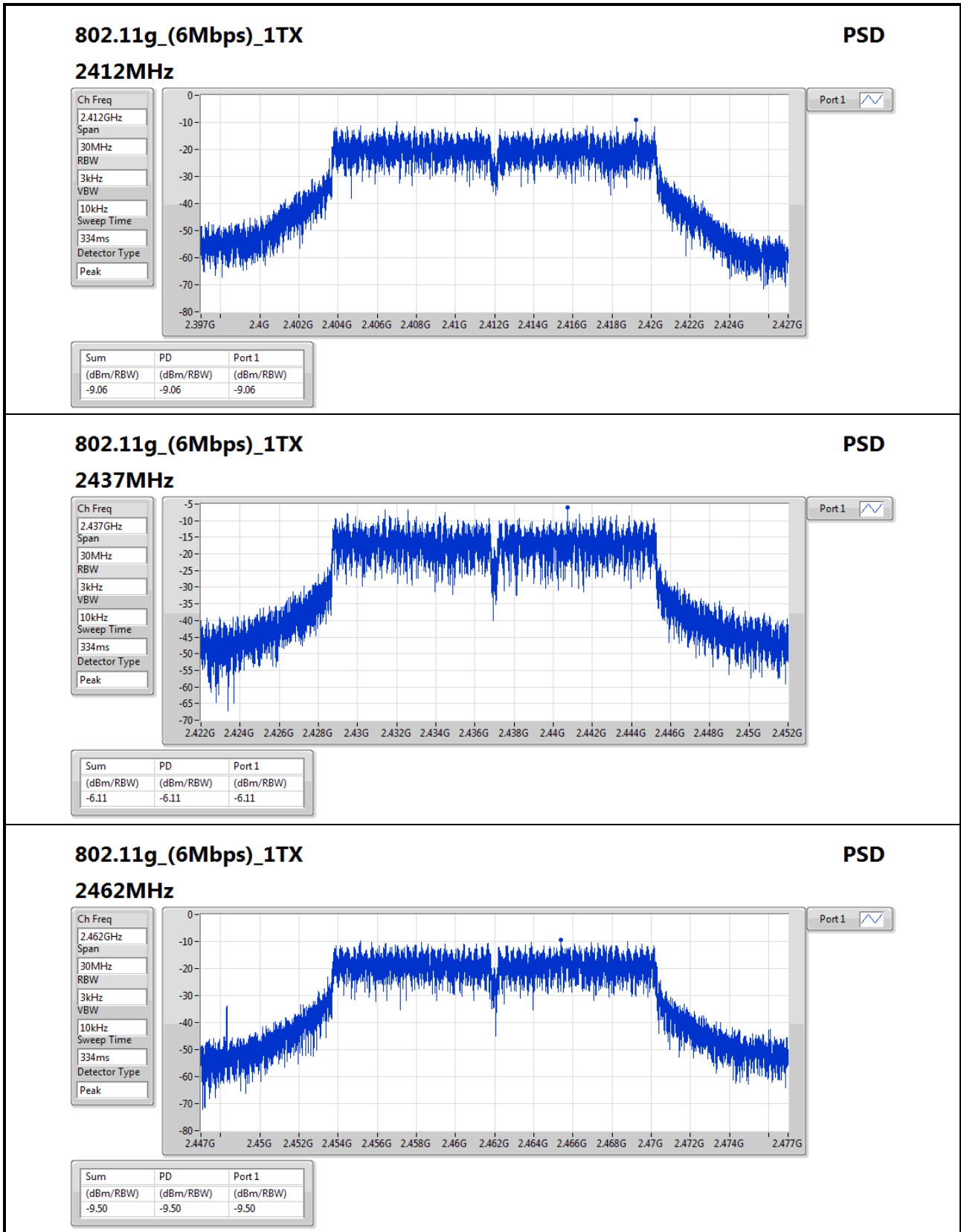
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	-6.20	-6.20	8.00
2437MHz	Pass	1.75	-3.14	-3.14	8.00
2462MHz	Pass	1.75	-4.45	-4.45	8.00
802.11g_(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	-9.06	-9.06	8.00
2437MHz	Pass	1.75	-6.11	-6.11	8.00
2462MHz	Pass	1.75	-9.50	-9.50	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	1.75	-12.80	-12.80	8.00
2437MHz	Pass	1.75	-9.54	-9.54	8.00
2462MHz	Pass	1.75	-8.76	-8.76	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	1.75	-15.25	-15.25	8.00
2437MHz	Pass	1.75	-11.83	-11.83	8.00
2452MHz	Pass	1.75	-14.12	-14.12	8.00

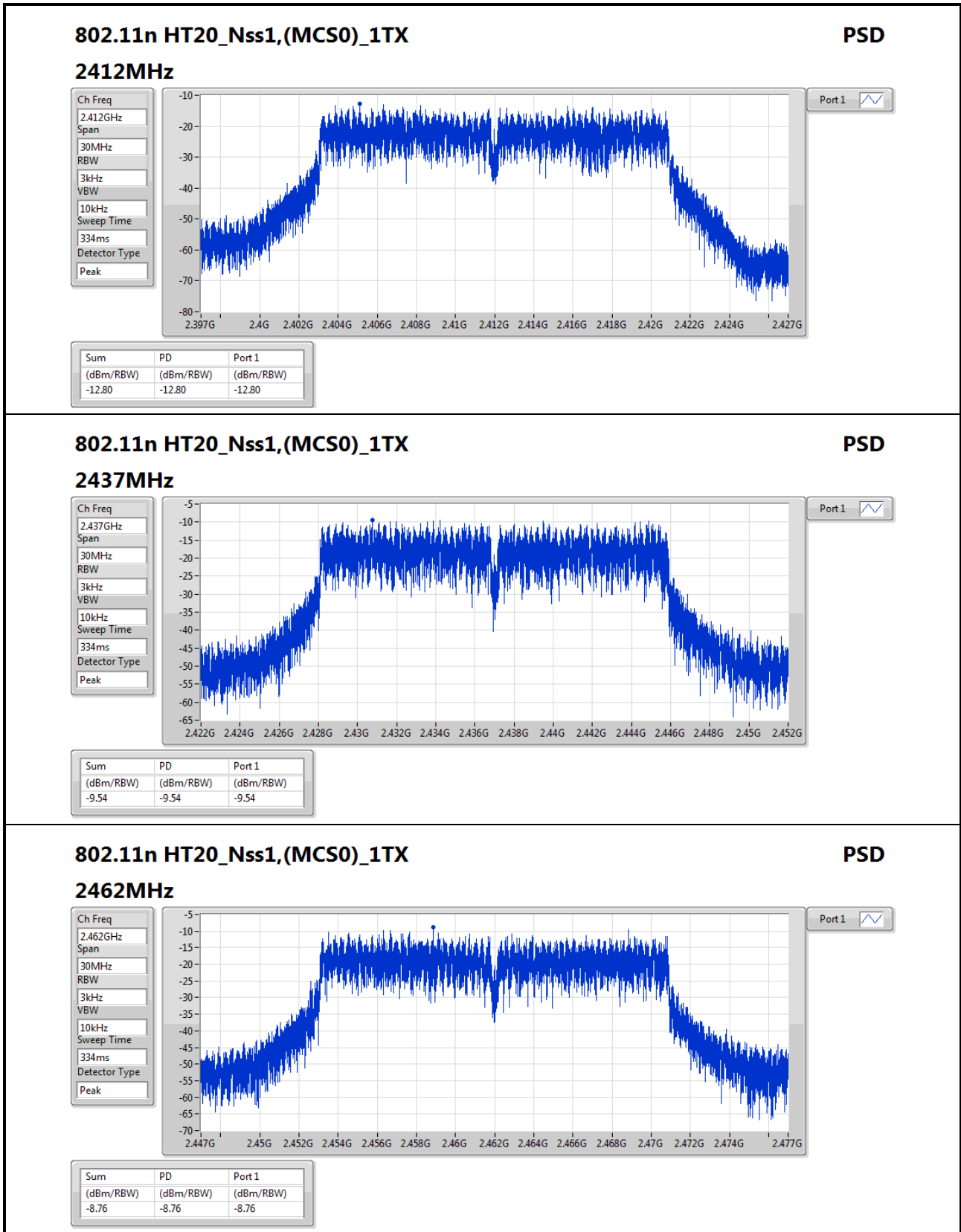
DG = Directional Gain; RBW=3kHz;

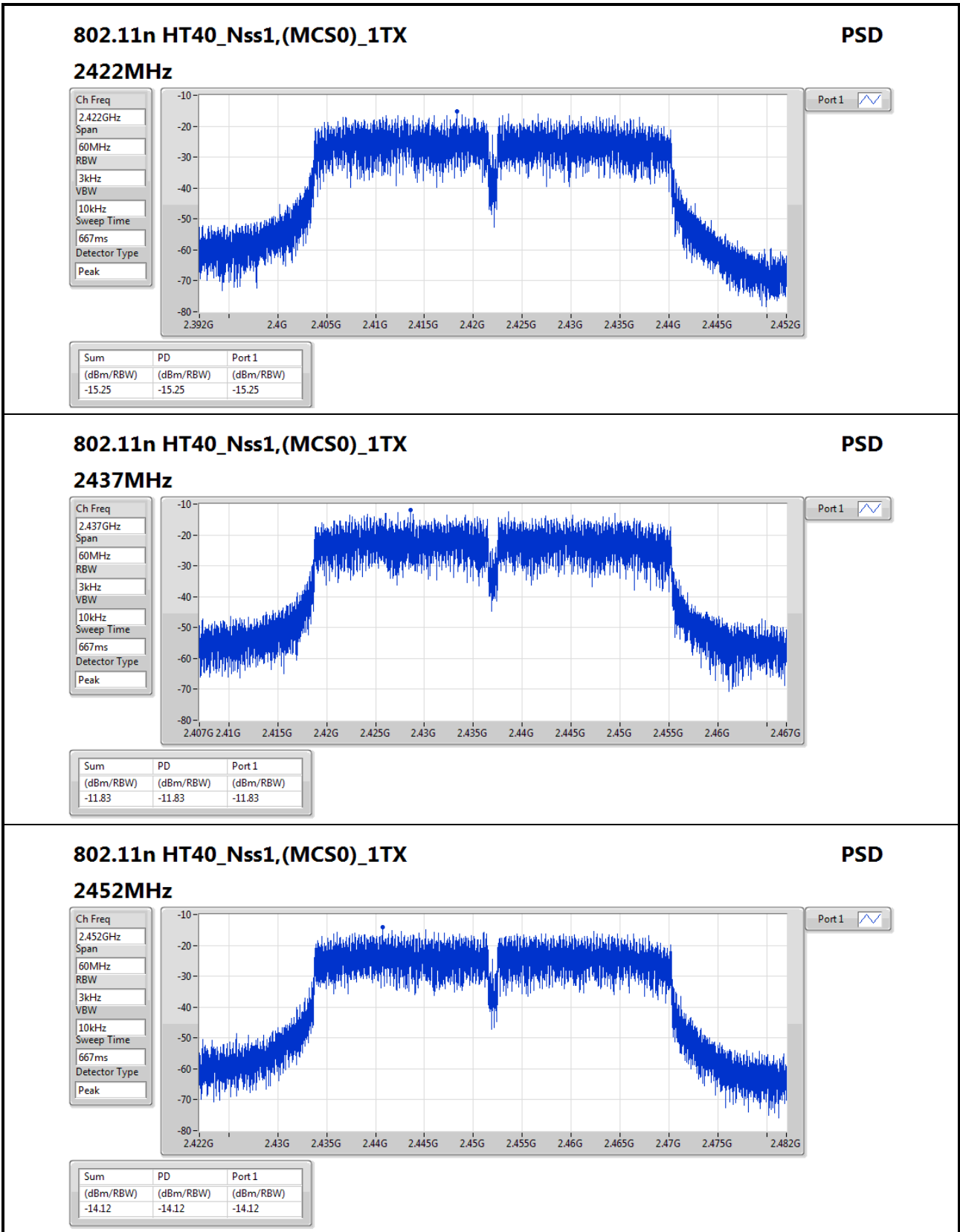
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;











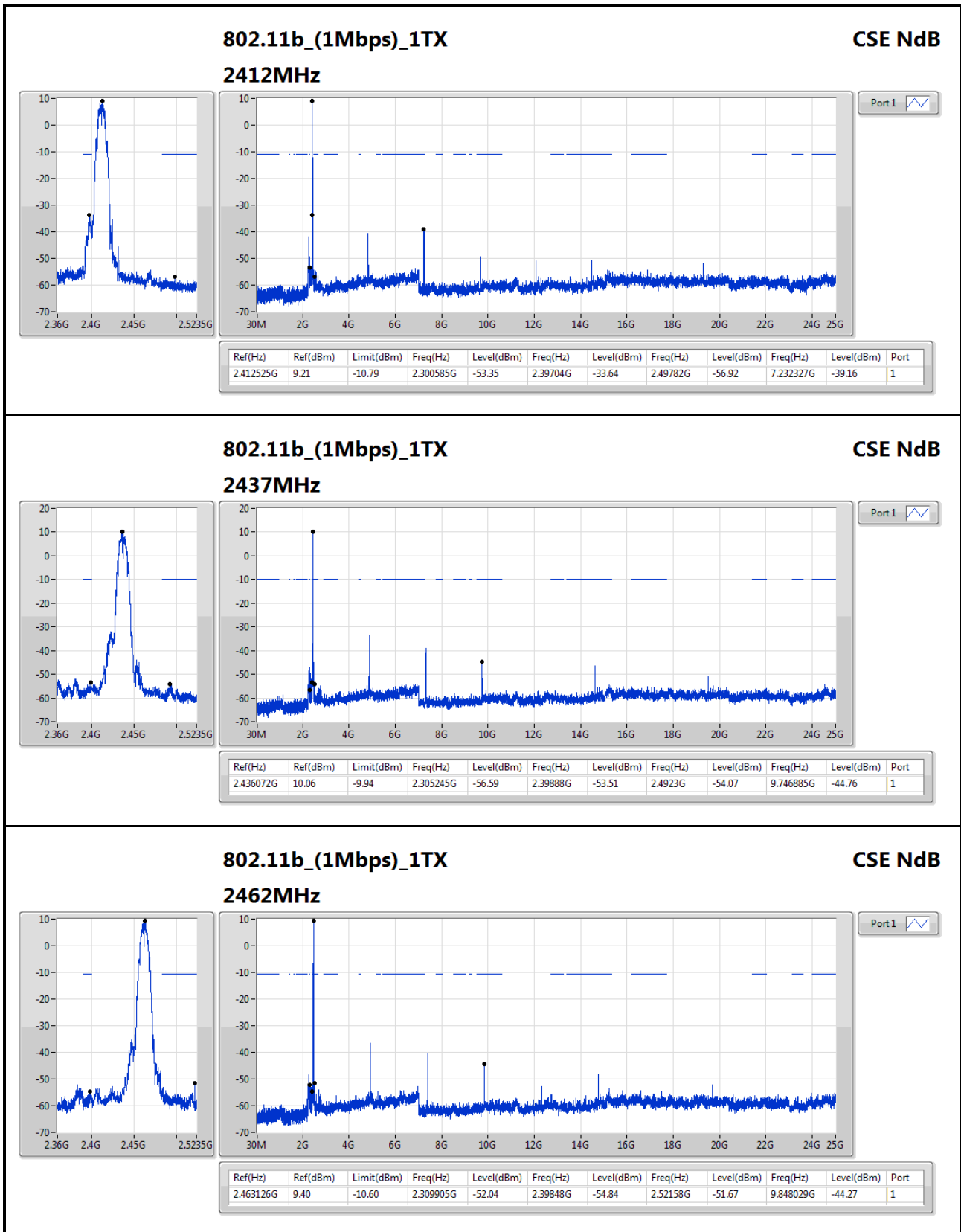


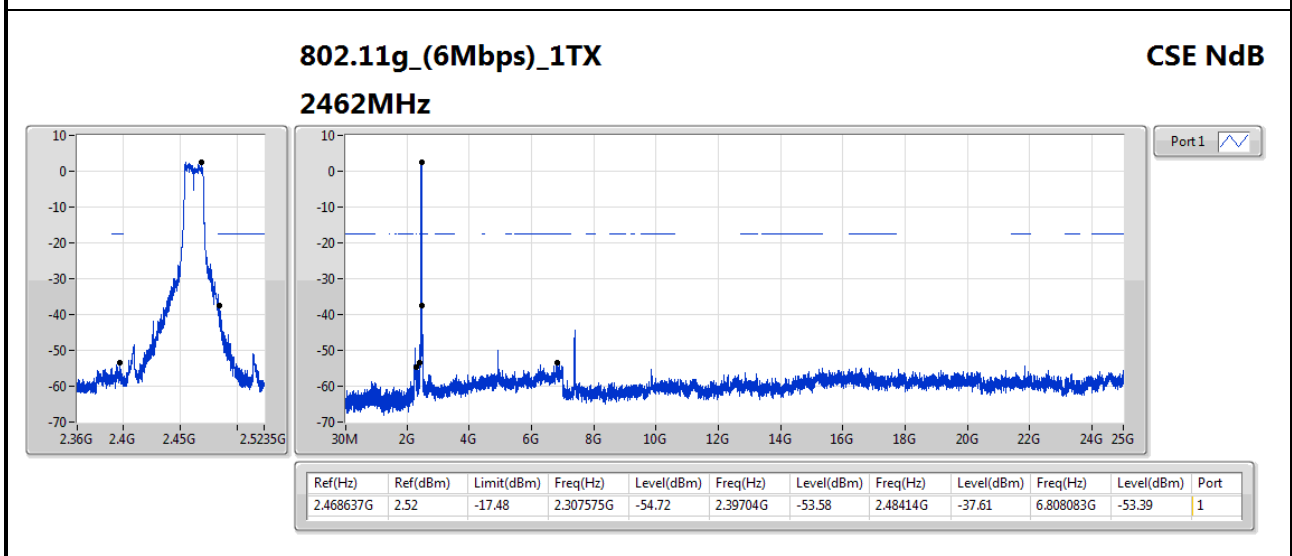
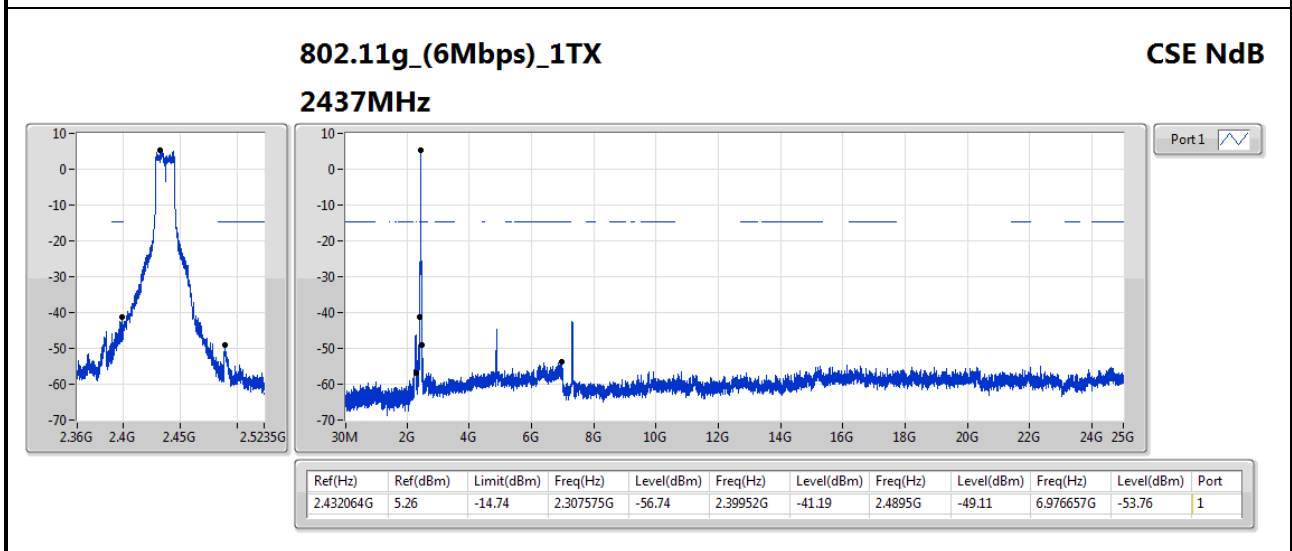
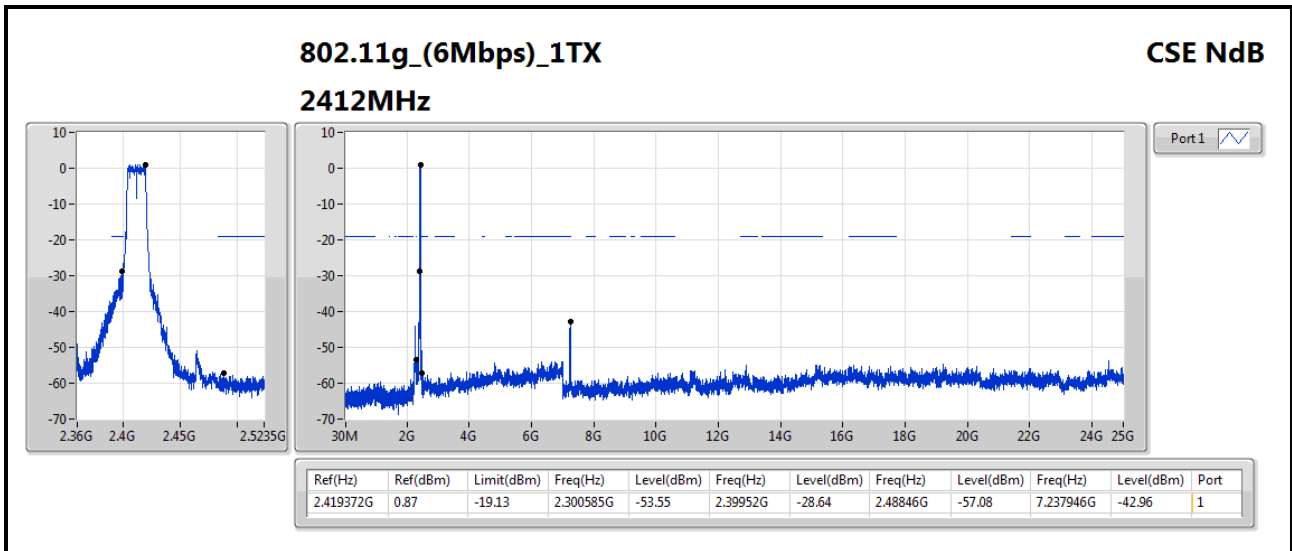
Summary

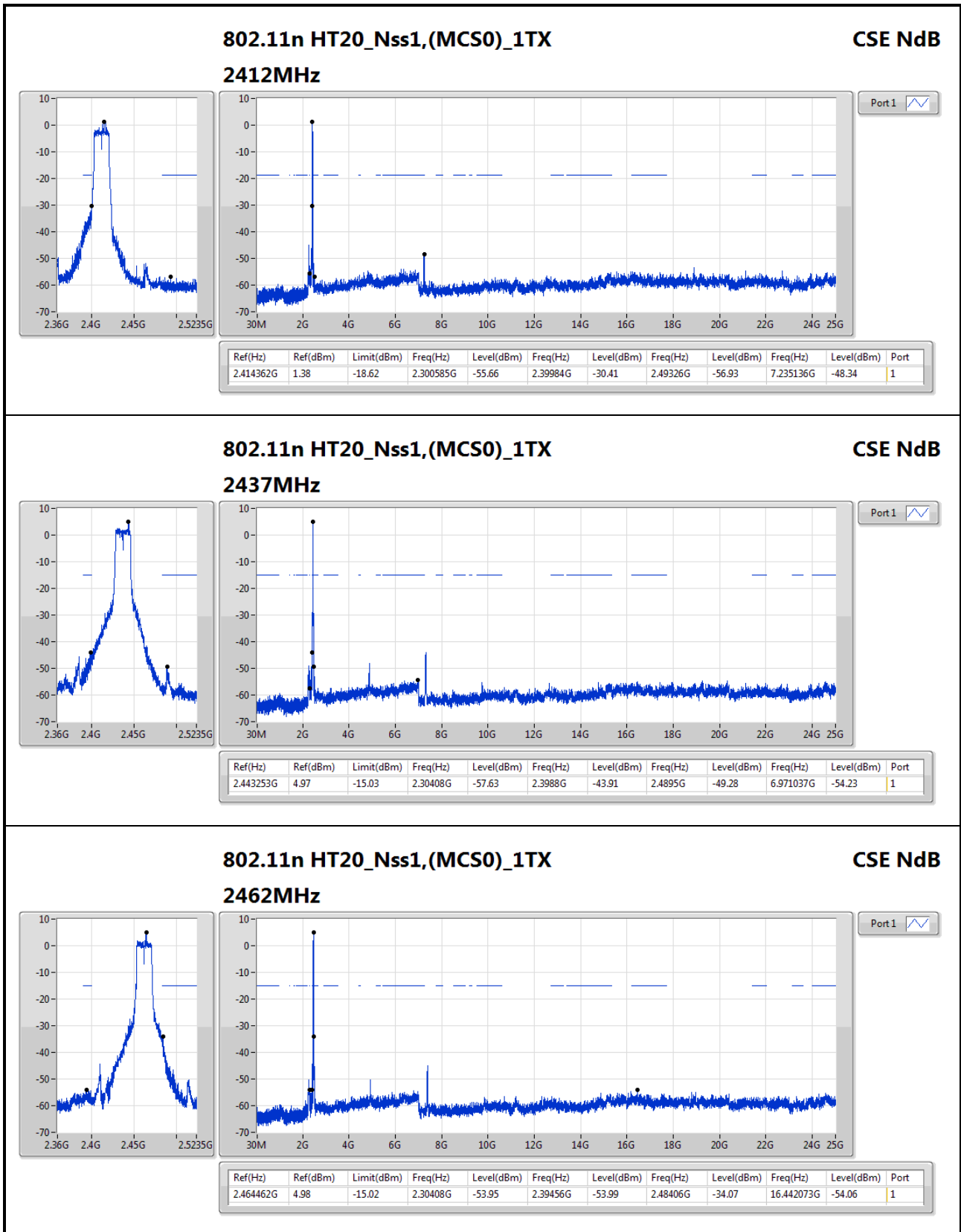
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.419372G	0.87	-19.13	2.300585G	-53.55	2.39952G	-28.64	2.48846G	-57.08	7.237946G	-42.96	1

Result

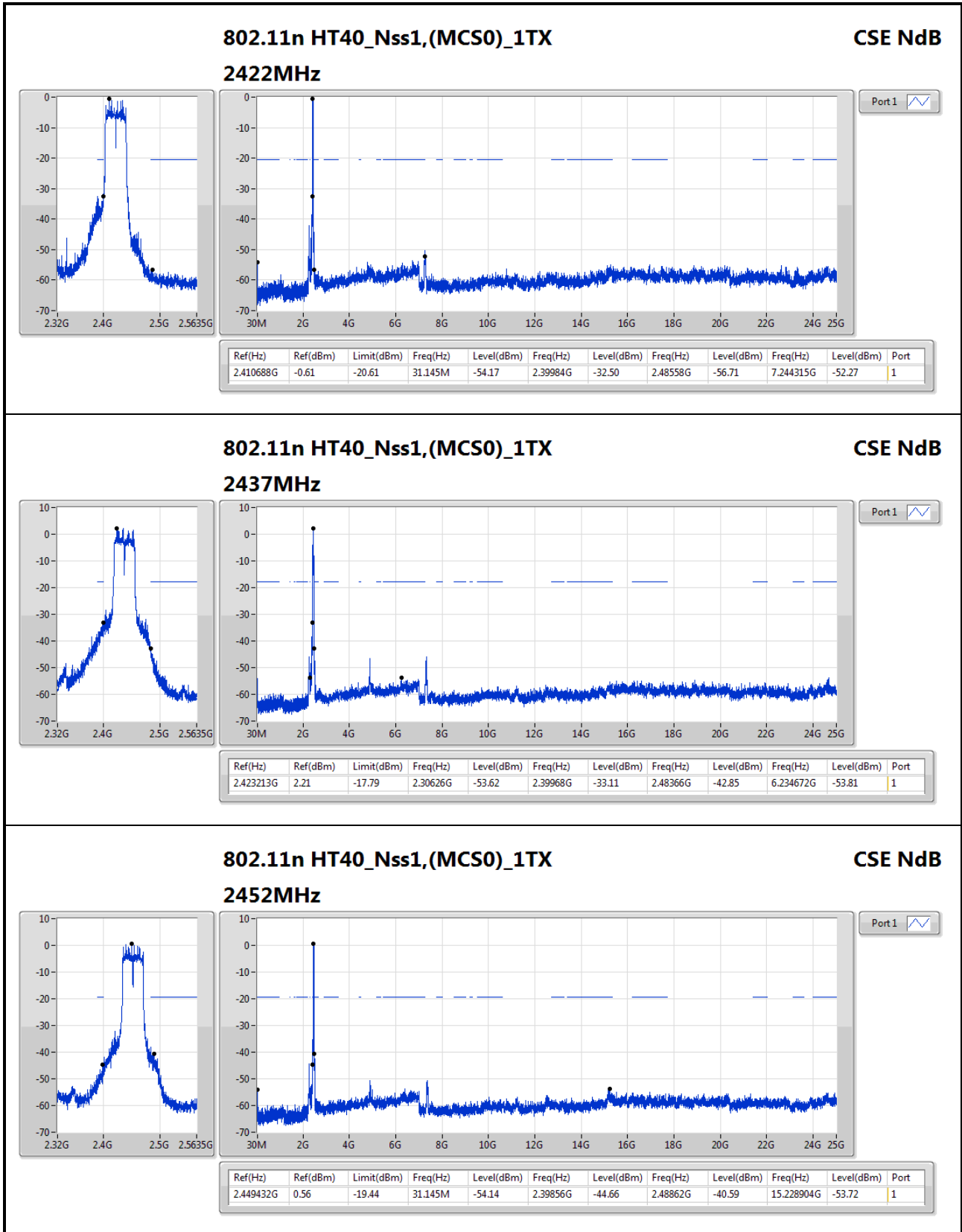
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.412525G	9.21	-10.79	2.300585G	-53.35	2.39704G	-33.64	2.49782G	-56.92	7.232327G	-39.16	1
2437MHz	Pass	2.436072G	10.06	-9.94	2.305245G	-56.59	2.39888G	-53.51	2.4923G	-54.07	9.746885G	-44.76	1
2462MHz	Pass	2.463126G	9.40	-10.60	2.309905G	-52.04	2.39848G	-54.84	2.52158G	-51.67	9.848029G	-44.27	1
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.419372G	0.87	-19.13	2.300585G	-53.55	2.39952G	-28.64	2.48846G	-57.08	7.237946G	-42.96	1
2437MHz	Pass	2.432064G	5.26	-14.74	2.307575G	-56.74	2.39952G	-41.19	2.4895G	-49.11	6.976657G	-53.76	1
2462MHz	Pass	2.468637G	2.52	-17.48	2.307575G	-54.72	2.39704G	-53.58	2.48414G	-37.61	6.808083G	-53.39	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.414362G	1.38	-18.62	2.300585G	-55.66	2.39984G	-30.41	2.49326G	-56.93	7.235136G	-48.34	1
2437MHz	Pass	2.443253G	4.97	-15.03	2.30408G	-57.63	2.3988G	-43.91	2.4895G	-49.28	6.971037G	-54.23	1
2462MHz	Pass	2.464462G	4.98	-15.02	2.30408G	-53.95	2.39456G	-53.99	2.48406G	-34.07	16.442073G	-54.06	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.410688G	-0.61	-20.61	31.145M	-54.17	2.39984G	-32.50	2.48558G	-56.71	7.244315G	-52.27	1
2437MHz	Pass	2.423213G	2.21	-17.79	2.30626G	-53.62	2.39968G	-33.11	2.48366G	-42.85	6.234672G	-53.81	1
2452MHz	Pass	2.449432G	0.56	-19.44	31.145M	-54.14	2.39856G	-44.66	2.48862G	-40.59	15.228904G	-53.72	1













Summary

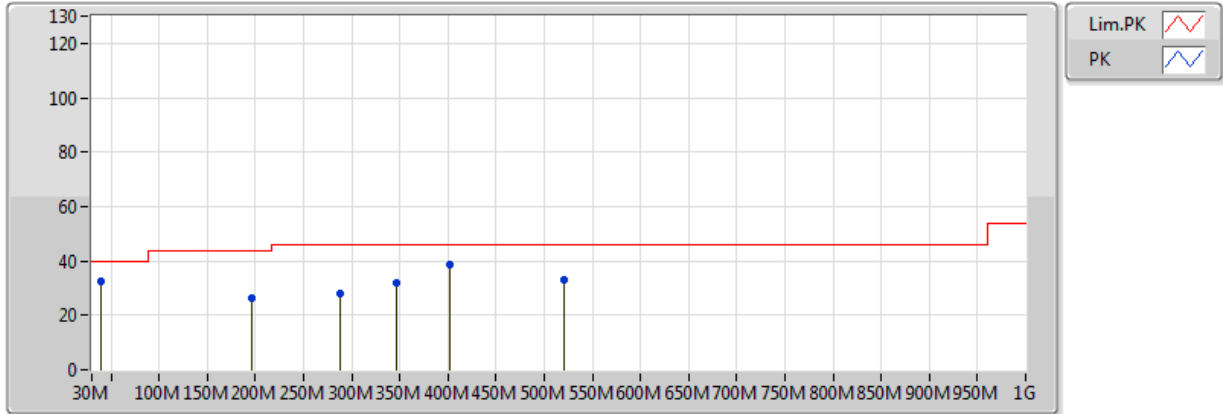
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	346.22M	42.47	46.00	-3.53	-4.30	3	H	360	1.00	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	55.248k	45.05	125.16	-80.11	21.02	3	H	0	1.00	-
2437MHz	Pass	PK	96.42k	42.87	122.19	-79.32	21.18	3	H	0	1.00	-
2437MHz	Pass	PK	109.392k	36.96	121.26	-84.30	21.18	3	H	0	1.00	-
2437MHz	Pass	PK	9.6423M	32.84	69.50	-36.66	21.85	3	H	360	1.00	-
2437MHz	Pass	PK	18.5973M	26.10	69.50	-43.40	22.26	3	H	360	1.00	-
2437MHz	Pass	PK	26.0598M	28.82	69.50	-40.68	22.76	3	H	360	1.00	-
2437MHz	Pass	PK	31.94M	26.11	40.00	-13.89	-5.40	3	H	360	1.00	-
2437MHz	Pass	PK	177.44M	30.21	43.50	-13.29	-10.36	3	H	360	1.00	-
2437MHz	Pass	PK	288.02M	37.68	46.00	-8.32	-5.81	3	H	360	1.00	-
2437MHz	Pass	PK	346.22M	42.47	46.00	-3.53	-4.30	3	H	360	1.00	-
2437MHz	Pass	PK	441.28M	36.77	46.00	-9.23	-1.99	3	H	360	1.00	-
2437MHz	Pass	PK	518.88M	32.27	46.00	-13.73	-0.84	3	H	360	1.00	-
2437MHz	Pass	PK	39.7M	32.51	40.00	-7.49	-8.74	3	V	0	1.00	-
2437MHz	Pass	PK	196.84M	26.33	43.50	-17.17	-10.35	3	V	0	1.00	-
2437MHz	Pass	PK	288.02M	27.94	46.00	-18.06	-5.81	3	V	0	1.00	-
2437MHz	Pass	PK	346.22M	31.74	46.00	-14.26	-4.30	3	V	0	1.00	-
2437MHz	Pass	PK	402.48M	38.59	46.00	-7.41	-2.44	3	V	0	1.00	-
2437MHz	Pass	PK	520.82M	32.81	46.00	-13.19	-0.79	3	V	0	1.00	-

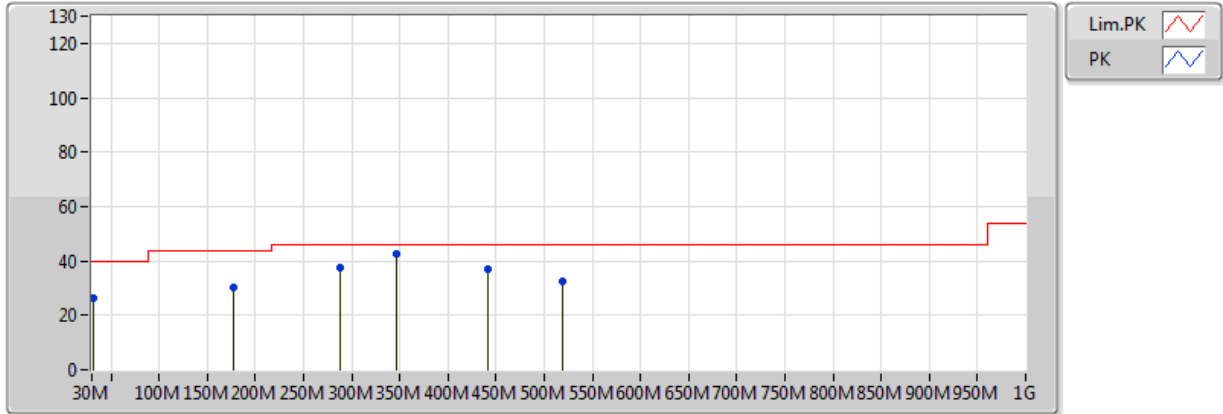
**802.11n HT40\_Nss1,(MCS0)\_1TX**  
**2437MHz\_Adapter (Charge mode)**



EUT=Y  
 Only charge  
 Adapter mode

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	39.7M	32.51	40.00	-7.49	-8.74	3	V	0	1.00	-
PK	196.84M	26.33	43.50	-17.17	-10.35	3	V	0	1.00	-
PK	288.02M	27.94	46.00	-18.06	-5.81	3	V	0	1.00	-
PK	346.22M	31.74	46.00	-14.26	-4.30	3	V	0	1.00	-
PK	402.48M	38.59	46.00	-7.41	-2.44	3	V	0	1.00	-
PK	520.82M	32.81	46.00	-13.19	-0.79	3	V	0	1.00	-

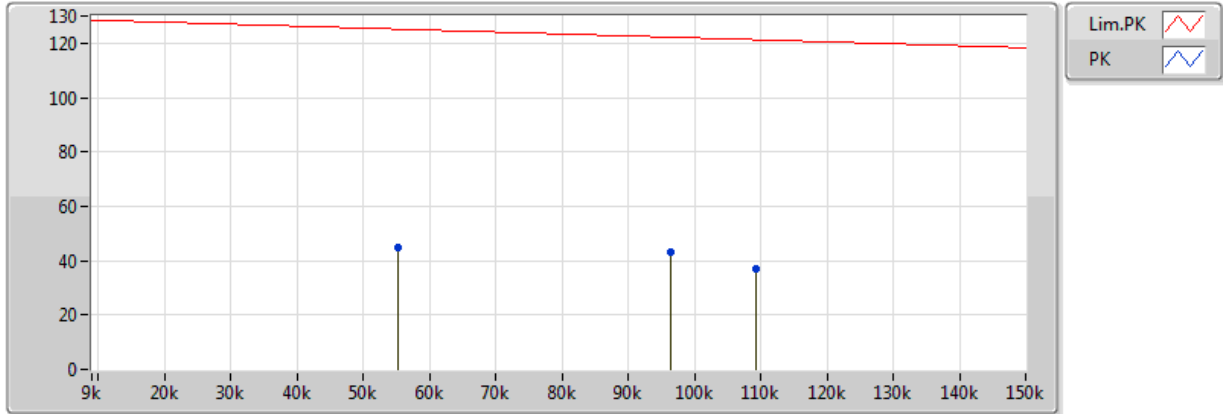
**802.11n HT40\_Nss1,(MCS0)\_1TX  
2437MHz\_Adapter (Charge mode)**



EUT=Y  
Only charge  
Adapter mode

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	31.94M	26.11	40.00	-13.89	-5.40	3	H	360	1.00	-
PK	177.44M	30.21	43.50	-13.29	-10.36	3	H	360	1.00	-
PK	288.02M	37.68	46.00	-8.32	-5.81	3	H	360	1.00	-
PK	346.22M	42.47	46.00	-3.53	-4.30	3	H	360	1.00	-
PK	441.28M	36.77	46.00	-9.23	-1.99	3	H	360	1.00	-
PK	518.88M	32.27	46.00	-13.73	-0.84	3	H	360	1.00	-

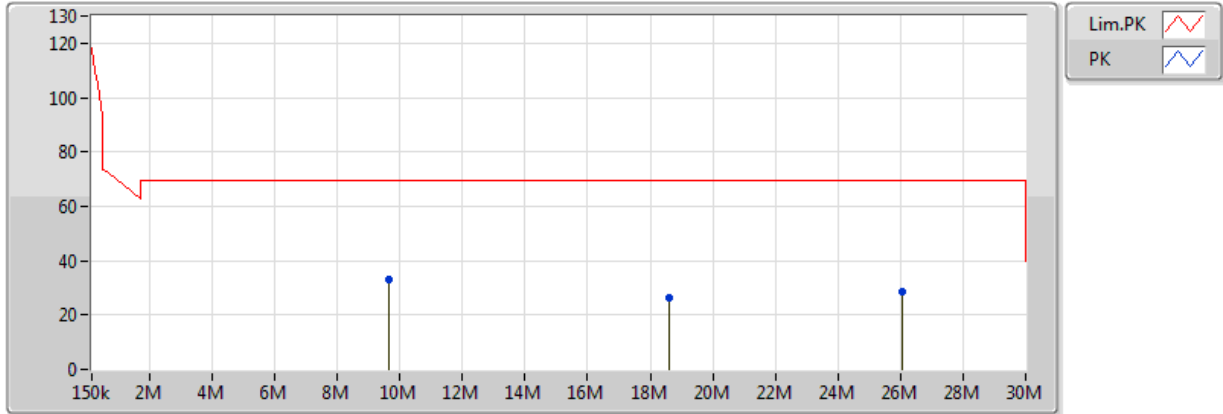
**802.11n HT40\_Nss1,(MCS0)\_1TX  
2437MHz\_Adapter (Charge mode)**



EUT=Y  
Only charge  
Adapter mode

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	109.392k	36.96	121.26	-84.30	21.18	3	H	0	1.00	-
PK	96.42k	42.87	122.19	-79.32	21.18	3	H	0	1.00	-
PK	55.248k	45.05	125.16	-80.11	21.02	3	H	0	1.00	-

**802.11n HT40\_Nss1,(MCS0)\_1TX  
2437MHz\_Adapter (Charge mode)**



EUT=Y  
Only charge  
Adapter mode

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	9.6423M	32.84	69.50	-36.66	21.85	3	H	360	1.00	-
PK	18.5973M	26.10	69.50	-43.40	22.26	3	H	360	1.00	-
PK	26.0598M	28.82	69.50	-40.68	22.76	3	H	360	1.00	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	2.483502G	73.91	74.00	-0.09	31.64	3	V	75	1.14	-





Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11b_(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.355248G	46.30	54.00	-7.70	31.22	3	H	352	2.24	-
2412MHz	Pass	AV	2.411248G	102.31	Inf	-Inf	31.41	3	H	352	2.24	-
2412MHz	Pass	AV	4.824G	32.78	54.00	-21.22	7.49	3	H	0	1.50	-
2412MHz	Pass	PK	2.389998G	73.63	74.00	-0.37	31.34	3	H	352	2.24	-
2412MHz	Pass	PK	2.414608G	106.46	Inf	-Inf	31.42	3	H	352	2.24	-
2412MHz	Pass	PK	4.824G	47.36	74.00	-26.64	7.49	3	H	0	1.50	-
2412MHz	Pass	AV	2.356816G	46.33	54.00	-7.67	31.23	3	V	71	2.11	-
2412MHz	Pass	AV	2.411248G	102.20	Inf	-Inf	31.41	3	V	71	2.11	-
2412MHz	Pass	AV	4.824G	33.66	54.00	-20.34	7.49	3	V	360	1.50	-
2412MHz	Pass	PK	2.389296G	73.08	74.00	-0.92	31.33	3	V	71	2.11	-
2412MHz	Pass	PK	2.404752G	106.22	Inf	-Inf	31.39	3	V	71	2.11	-
2412MHz	Pass	PK	4.824G	47.98	74.00	-26.02	7.49	3	V	360	1.50	-
2437MHz	Pass	AV	2.32254G	46.84	54.00	-7.16	31.11	3	H	352	1.87	-
2437MHz	Pass	AV	2.43616G	106.11	Inf	-Inf	31.49	3	H	352	1.87	-
2437MHz	Pass	AV	2.49316G	46.44	54.00	-7.56	31.67	3	H	352	1.87	-
2437MHz	Pass	AV	4.874G	32.99	54.00	-21.01	7.58	3	H	360	1.50	-
2437MHz	Pass	PK	2.38904G	70.67	74.00	-3.33	31.33	3	H	352	1.87	-
2437MHz	Pass	PK	2.4392G	109.56	Inf	-Inf	31.50	3	H	352	1.87	-
2437MHz	Pass	PK	2.48404G	65.83	74.00	-8.17	31.64	3	H	352	1.87	-
2437MHz	Pass	PK	4.874G	47.36	74.00	-26.64	7.58	3	H	360	1.50	-
2437MHz	Pass	AV	2.32064G	46.81	54.00	-7.19	31.11	3	V	74	2.07	-
2437MHz	Pass	AV	2.43616G	105.24	Inf	-Inf	31.49	3	V	74	2.07	-
2437MHz	Pass	AV	2.49012G	46.27	54.00	-7.73	31.66	3	V	74	2.07	-
2437MHz	Pass	AV	4.874G	33.05	54.00	-20.95	7.58	3	V	0	1.50	-
2437MHz	Pass	PK	2.38524G	70.36	74.00	-3.64	31.32	3	V	74	2.07	-
2437MHz	Pass	PK	2.43654G	109.06	Inf	-Inf	31.49	3	V	74	2.07	-
2437MHz	Pass	PK	2.49126G	63.55	74.00	-10.45	31.66	3	V	74	2.07	-
2437MHz	Pass	PK	4.874G	47.42	74.00	-26.58	7.58	3	V	0	1.50	-
2462MHz	Pass	AV	2.345816G	46.64	54.00	-7.36	31.19	3	H	12	1.67	-
2462MHz	Pass	AV	2.461492G	104.42	Inf	-Inf	31.57	3	H	12	1.67	-
2462MHz	Pass	AV	2.483502G	47.53	54.00	-6.47	31.64	3	H	12	1.67	-
2462MHz	Pass	AV	4.924G	33.82	54.00	-20.18	7.66	3	H	0	1.50	-
2462MHz	Pass	PK	2.382116G	68.19	74.00	-5.81	31.31	3	H	12	1.67	-
2462MHz	Pass	PK	2.461008G	107.17	Inf	-Inf	31.57	3	H	12	1.67	-
2462MHz	Pass	PK	2.483502G	73.72	74.00	-0.28	31.64	3	H	12	1.67	-
2462MHz	Pass	PK	4.924G	48.38	74.00	-25.62	7.66	3	H	0	1.50	-
2462MHz	Pass	AV	2.345816G	46.71	54.00	-7.29	31.19	3	V	74	1.98	-
2462MHz	Pass	AV	2.461492G	102.85	Inf	-Inf	31.57	3	V	74	1.98	-
2462MHz	Pass	AV	2.483756G	46.85	54.00	-7.15	31.64	3	V	74	1.98	-
2462MHz	Pass	AV	4.924G	33.86	54.00	-20.14	7.66	3	V	360	1.50	-
2462MHz	Pass	PK	2.378728G	68.41	74.00	-5.59	31.30	3	V	74	1.98	-
2462MHz	Pass	PK	2.461976G	107.42	Inf	-Inf	31.57	3	V	74	1.98	-
2462MHz	Pass	PK	2.48666G	68.94	74.00	-5.06	31.65	3	V	74	1.98	-
2462MHz	Pass	PK	4.924G	48.65	74.00	-25.35	7.66	3	V	360	1.50	-
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389744G	50.37	54.00	-3.63	31.34	3	H	349	1.93	-
2412MHz	Pass	AV	2.405648G	94.94	Inf	-Inf	31.39	3	H	349	1.93	-



RSE TX above 1GHz Result

Appendix F

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.824G	32.72	54.00	-21.28	7.49	3	H	360	1.50	-
2412MHz	Pass	PK	2.387504G	73.87	74.00	-0.13	31.33	3	H	349	1.93	-
2412MHz	Pass	PK	2.407664G	108.16	Inf	-Inf	31.39	3	H	349	1.93	-
2412MHz	Pass	PK	4.824G	47.10	74.00	-26.90	7.49	3	H	360	1.50	-
2412MHz	Pass	AV	2.389998G	47.93	54.00	-6.07	31.34	3	V	80	1.47	-
2412MHz	Pass	AV	2.404752G	91.04	Inf	-Inf	31.39	3	V	80	1.47	-
2412MHz	Pass	AV	4.824G	32.78	54.00	-21.22	7.49	3	V	0	1.50	-
2412MHz	Pass	PK	2.385264G	71.74	74.00	-2.26	31.32	3	V	80	1.47	-
2412MHz	Pass	PK	2.408112G	103.83	Inf	-Inf	31.40	3	V	80	1.47	-
2412MHz	Pass	PK	4.824G	47.25	74.00	-26.75	7.49	3	V	0	1.50	-
2437MHz	Pass	AV	2.38448G	50.36	54.00	-3.64	31.32	3	H	347	1.46	-
2437MHz	Pass	AV	2.43084G	99.19	Inf	-Inf	31.47	3	H	347	1.46	-
2437MHz	Pass	AV	2.48936G	47.81	54.00	-6.19	31.66	3	H	347	1.46	-
2437MHz	Pass	AV	4.874G	33.06	54.00	-20.94	7.58	3	H	0	1.50	-
2437MHz	Pass	PK	2.3879G	72.02	74.00	-1.98	31.33	3	H	347	1.46	-
2437MHz	Pass	PK	2.43274G	112.28	Inf	-Inf	31.47	3	H	347	1.46	-
2437MHz	Pass	PK	2.48442G	65.87	74.00	-8.13	31.64	3	H	347	1.46	-
2437MHz	Pass	PK	4.874G	47.09	74.00	-26.91	7.58	3	H	0	1.50	-
2437MHz	Pass	AV	2.38448G	48.02	54.00	-5.98	31.32	3	V	113	1.76	-
2437MHz	Pass	AV	2.43198G	94.45	Inf	-Inf	31.47	3	V	113	1.76	-
2437MHz	Pass	AV	2.48974G	46.56	54.00	-7.44	31.66	3	V	113	1.76	-
2437MHz	Pass	AV	4.874G	33.03	54.00	-20.97	7.58	3	V	360	1.50	-
2437MHz	Pass	PK	2.38714G	69.29	74.00	-4.71	31.33	3	V	113	1.76	-
2437MHz	Pass	PK	2.4335G	107.45	Inf	-Inf	31.48	3	V	113	1.76	-
2437MHz	Pass	PK	2.49202G	60.69	74.00	-13.31	31.66	3	V	113	1.76	-
2437MHz	Pass	PK	4.874G	47.47	74.00	-26.53	7.58	3	V	360	1.50	-
2462MHz	Pass	AV	2.34146G	45.92	54.00	-8.08	31.18	3	H	345	2.13	-
2462MHz	Pass	AV	2.454716G	95.19	Inf	-Inf	31.55	3	H	345	2.13	-
2462MHz	Pass	AV	2.483502G	50.91	54.00	-3.09	31.64	3	H	345	2.13	-
2462MHz	Pass	AV	4.924G	33.82	54.00	-20.18	7.66	3	H	360	1.50	-
2462MHz	Pass	PK	2.3705G	69.23	74.00	-4.77	31.27	3	H	345	2.13	-
2462MHz	Pass	PK	2.456168G	107.76	Inf	-Inf	31.55	3	H	345	2.13	-
2462MHz	Pass	PK	2.483502G	73.12	74.00	-0.88	31.64	3	H	345	2.13	-
2462MHz	Pass	PK	4.924G	48.94	74.00	-25.06	7.66	3	H	360	1.50	-
2462MHz	Pass	AV	2.380664G	45.54	54.00	-8.46	31.31	3	V	78	1.13	-
2462MHz	Pass	AV	2.456168G	90.61	Inf	-Inf	31.55	3	V	78	1.13	-
2462MHz	Pass	AV	2.483502G	49.05	54.00	-4.95	31.64	3	V	78	1.13	-
2462MHz	Pass	AV	4.924G	33.83	54.00	-20.17	7.66	3	V	0	1.50	-
2462MHz	Pass	PK	2.373404G	64.45	74.00	-9.55	31.28	3	V	78	1.13	-
2462MHz	Pass	PK	2.45762G	103.07	Inf	-Inf	31.55	3	V	78	1.13	-
2462MHz	Pass	PK	2.483756G	69.44	74.00	-4.56	31.64	3	V	78	1.13	-
2462MHz	Pass	PK	4.924G	48.47	74.00	-25.53	7.66	3	V	0	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	49.18	54.00	-4.82	31.34	3	H	346	2.50	-
2412MHz	Pass	AV	2.404752G	92.47	Inf	-Inf	31.39	3	H	346	2.50	-
2412MHz	Pass	AV	4.824G	32.78	54.00	-21.22	7.49	3	H	0	1.50	-
2412MHz	Pass	PK	2.382352G	72.28	74.00	-1.72	31.31	3	H	346	2.50	-
2412MHz	Pass	PK	2.406992G	106.00	Inf	-Inf	31.39	3	H	346	2.50	-
2412MHz	Pass	PK	4.824G	47.43	74.00	-26.57	7.49	3	H	0	1.50	-



RSE TX above 1GHz Result

Appendix F

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	2.389744G	47.09	54.00	-6.91	31.34	3	V	80	1.45	-
2412MHz	Pass	AV	2.404528G	88.20	Inf	-Inf	31.38	3	V	80	1.45	-
2412MHz	Pass	AV	4.824G	32.76	54.00	-21.24	7.49	3	V	360	1.50	-
2412MHz	Pass	PK	2.387952G	70.40	74.00	-3.60	31.33	3	V	80	1.45	-
2412MHz	Pass	PK	2.405648G	101.65	Inf	-Inf	31.39	3	V	80	1.45	-
2412MHz	Pass	PK	4.824G	46.95	74.00	-27.05	7.49	3	V	360	1.50	-
2437MHz	Pass	AV	2.38524G	51.09	54.00	-2.91	31.32	3	H	350	1.46	-
2437MHz	Pass	AV	2.4886G	48.09	54.00	-5.91	31.65	3	H	350	1.46	-
2437MHz	Pass	AV	4.874G	33.03	54.00	-20.97	7.58	3	H	360	1.50	-
2437MHz	Pass	PK	2.38448G	72.47	74.00	-1.53	31.32	3	H	350	1.46	-
2437MHz	Pass	PK	2.43388G	112.09	Inf	-Inf	31.48	3	H	350	1.46	-
2437MHz	Pass	PK	2.48518G	67.40	74.00	-6.60	31.64	3	H	350	1.46	-
2437MHz	Pass	PK	4.874G	47.90	74.00	-26.10	7.58	3	H	360	1.50	-
2437MHz	Pass	AV	2.38524G	48.27	54.00	-5.73	31.32	3	V	80	1.41	-
2437MHz	Pass	AV	2.43046G	94.07	Inf	-Inf	31.47	3	V	80	1.41	-
2437MHz	Pass	AV	2.48898G	46.76	54.00	-7.24	31.65	3	V	80	1.41	-
2437MHz	Pass	AV	4.874G	33.08	54.00	-20.92	7.58	3	V	0	1.50	-
2437MHz	Pass	PK	2.38866G	67.63	74.00	-6.37	31.33	3	V	80	1.41	-
2437MHz	Pass	PK	2.43046G	107.18	Inf	-Inf	31.47	3	V	80	1.41	-
2437MHz	Pass	PK	2.48366G	60.93	74.00	-13.07	31.64	3	V	80	1.41	-
2437MHz	Pass	PK	4.874G	47.68	74.00	-26.32	7.58	3	V	0	1.50	-
2462MHz	Pass	AV	2.31242G	45.88	54.00	-8.12	31.08	3	H	349	2.15	-
2462MHz	Pass	AV	2.457136G	94.57	Inf	-Inf	31.55	3	H	349	2.15	-
2462MHz	Pass	AV	2.483502G	51.94	54.00	-2.06	31.64	3	H	349	2.15	-
2462MHz	Pass	AV	4.924G	33.89	54.00	-20.11	7.66	3	H	0	1.50	-
2462MHz	Pass	PK	2.376308G	68.79	74.00	-5.21	31.29	3	H	349	2.15	-
2462MHz	Pass	PK	2.4552G	108.28	Inf	-Inf	31.55	3	H	349	2.15	-
2462MHz	Pass	PK	2.483756G	73.46	74.00	-0.54	31.64	3	H	349	2.15	-
2462MHz	Pass	PK	4.924G	48.79	74.00	-25.21	7.66	3	H	0	1.50	-
2462MHz	Pass	AV	2.340976G	45.63	54.00	-8.37	31.18	3	V	75	1.14	-
2462MHz	Pass	AV	2.456652G	90.08	Inf	-Inf	31.55	3	V	75	1.14	-
2462MHz	Pass	AV	2.483502G	49.79	54.00	-4.21	31.64	3	V	75	1.14	-
2462MHz	Pass	AV	4.924G	33.87	54.00	-20.13	7.66	3	V	360	1.50	-
2462MHz	Pass	PK	2.366628G	63.92	74.00	-10.08	31.26	3	V	75	1.14	-
2462MHz	Pass	PK	2.456652G	103.04	Inf	-Inf	31.55	3	V	75	1.14	-
2462MHz	Pass	PK	2.456652G	103.04	Inf	-Inf	31.55	3	V	75	1.14	-
2462MHz	Pass	PK	2.483502G	73.91	74.00	-0.09	31.64	3	V	75	1.14	-
2462MHz	Pass	PK	4.924G	48.47	74.00	-25.53	7.66	3	V	360	1.50	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389464G	52.83	54.00	-1.17	31.34	3	H	349	2.25	-
2422MHz	Pass	AV	2.409264G	87.16	Inf	-Inf	31.40	3	H	349	2.25	-
2422MHz	Pass	AV	4.844G	32.59	54.00	-21.41	7.52	3	H	360	1.50	-
2422MHz	Pass	PK	2.389728G	71.74	74.00	-2.26	31.34	3	H	349	2.25	-
2422MHz	Pass	PK	2.408208G	104.84	Inf	-Inf	31.40	3	H	349	2.25	-
2422MHz	Pass	PK	4.844G	46.81	74.00	-27.19	7.52	3	H	360	1.50	-
2422MHz	Pass	AV	2.389464G	49.79	54.00	-4.21	31.34	3	V	81	1.48	-
2422MHz	Pass	AV	2.408208G	83.19	Inf	-Inf	31.40	3	V	81	1.48	-
2422MHz	Pass	AV	4.844G	32.53	54.00	-21.47	7.52	3	V	0	1.50	-
2422MHz	Pass	PK	2.388936G	68.19	74.00	-5.81	31.33	3	V	81	1.48	-



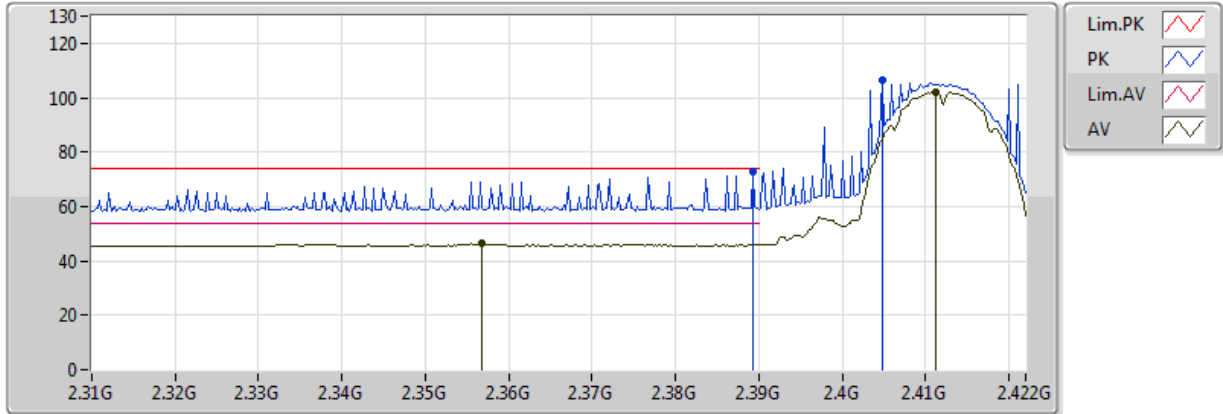
RSE TX above 1GHz Result

Appendix F

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.40768G	100.58	Inf	-Inf	31.39	3	V	81	1.48	-
2422MHz	Pass	PK	4.844G	47.17	74.00	-26.83	7.52	3	V	0	1.50	-
2437MHz	Pass	AV	2.389998G	52.72	54.00	-1.28	31.34	3	H	357	2.19	-
2437MHz	Pass	AV	2.42552G	89.66	Inf	-Inf	31.45	3	H	357	2.19	-
2437MHz	Pass	AV	2.48366G	51.15	54.00	-2.85	31.64	3	H	357	2.19	-
2437MHz	Pass	PK	2.38942G	73.89	74.00	-0.11	31.34	3	H	357	2.19	-
2437MHz	Pass	PK	2.4259G	106.91	Inf	-Inf	31.45	3	H	357	2.19	-
2437MHz	Pass	PK	2.48366G	71.61	74.00	-2.39	31.64	3	H	357	2.19	-
2437MHz	Pass	AV	2.389998G	49.95	54.00	-4.05	31.34	3	V	74	1.17	-
2437MHz	Pass	AV	2.424G	84.99	Inf	-Inf	31.45	3	V	74	1.17	-
2437MHz	Pass	AV	2.48366G	49.00	54.00	-5.00	31.64	3	V	74	1.17	-
2437MHz	Pass	PK	2.33622G	67.43	74.00	-6.57	31.16	3	V	74	1.17	-
2437MHz	Pass	PK	2.42628G	102.60	Inf	-Inf	31.45	3	V	74	1.17	-
2437MHz	Pass	PK	2.48404G	68.00	74.00	-6.00	31.64	3	V	74	1.17	-
2437MHz	Pass	AV	4.874G	33.08	54.00	-20.92	7.58	3	H	0	1.50	-
2437MHz	Pass	PK	4.874G	47.63	74.00	-26.37	7.58	3	H	0	1.50	-
2437MHz	Pass	AV	4.874G	33.05	54.00	-20.95	7.58	3	V	360	1.50	-
2437MHz	Pass	PK	4.874G	47.71	74.00	-26.29	7.58	3	V	360	1.50	-
2452MHz	Pass	AV	2.389998G	46.66	54.00	-7.34	31.34	3	H	344	1.93	-
2452MHz	Pass	AV	2.439712G	87.76	Inf	-Inf	31.50	3	H	344	1.93	-
2452MHz	Pass	AV	2.483502G	53.62	54.00	-0.38	31.64	3	H	344	1.93	-
2452MHz	Pass	PK	2.349204G	68.71	74.00	-5.29	31.20	3	H	344	1.93	-
2452MHz	Pass	PK	2.4431G	105.60	Inf	-Inf	31.51	3	H	344	1.93	-
2452MHz	Pass	PK	2.489564G	73.80	74.00	-0.20	31.66	3	H	344	1.93	-
2452MHz	Pass	AV	2.388892G	45.92	54.00	-8.08	31.33	3	V	79	1.34	-
2452MHz	Pass	AV	2.439712G	84.08	Inf	-Inf	31.50	3	V	79	1.34	-
2452MHz	Pass	AV	2.483502G	50.19	54.00	-3.81	31.64	3	V	79	1.34	-
2452MHz	Pass	PK	2.385988G	63.69	74.00	-10.31	31.32	3	V	79	1.34	-
2452MHz	Pass	PK	2.441648G	101.06	Inf	-Inf	31.50	3	V	79	1.34	-
2452MHz	Pass	PK	2.485692G	69.65	74.00	-4.35	31.64	3	V	79	1.34	-
2452MHz	Pass	AV	4.904G	33.52	54.00	-20.48	7.63	3	H	360	1.50	-
2452MHz	Pass	PK	4.904G	47.61	74.00	-26.39	7.63	3	H	360	1.50	-
2452MHz	Pass	AV	4.904G	33.50	54.00	-20.50	7.63	3	V	0	1.50	-
2452MHz	Pass	PK	4.904G	47.96	74.00	-26.04	7.63	3	V	0	1.50	-

### 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

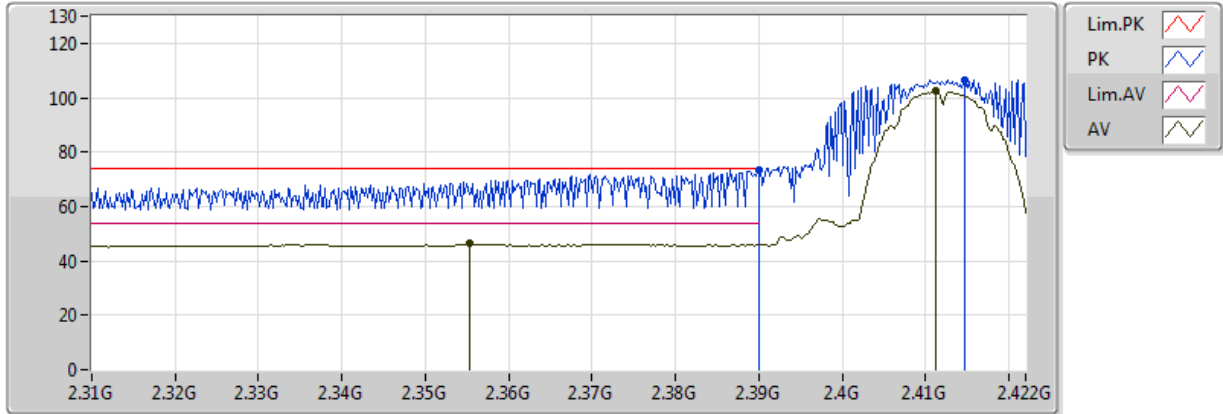


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.356816G	46.33	54.00	-7.67	31.23	3	V	71	2.11	-
AV	2.411248G	102.20	Inf	-Inf	31.41	3	V	71	2.11	-
PK	2.389296G	73.08	74.00	-0.92	31.33	3	V	71	2.11	-
PK	2.404752G	106.22	Inf	-Inf	31.39	3	V	71	2.11	-

### 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

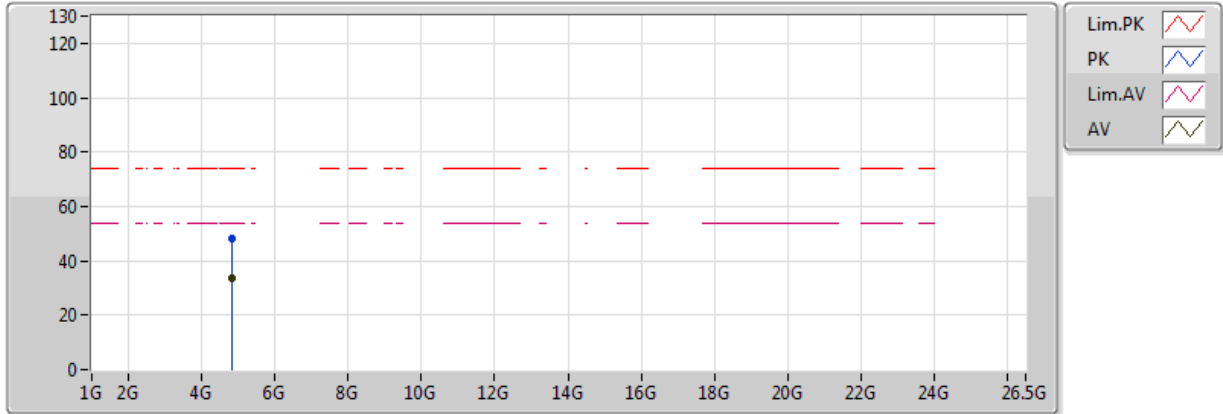


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.355248G	46.30	54.00	-7.70	31.22	3	H	352	2.24	-
AV	2.411248G	102.31	Inf	-Inf	31.41	3	H	352	2.24	-
PK	2.389998G	73.63	74.00	-0.37	31.34	3	H	352	2.24	-
PK	2.414608G	106.46	Inf	-Inf	31.42	3	H	352	2.24	-

### 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX

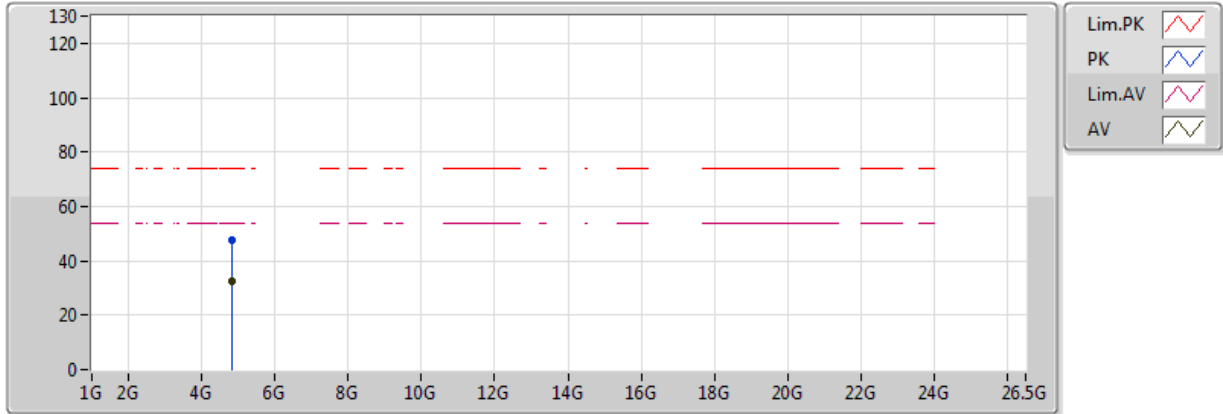


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	33.66	54.00	-20.34	7.49	3	V	360	1.50	-
PK	4.824G	47.98	74.00	-26.02	7.49	3	V	360	1.50	-

### 802.11b\_(1Mbps)\_1TX

### 2412MHz\_TX



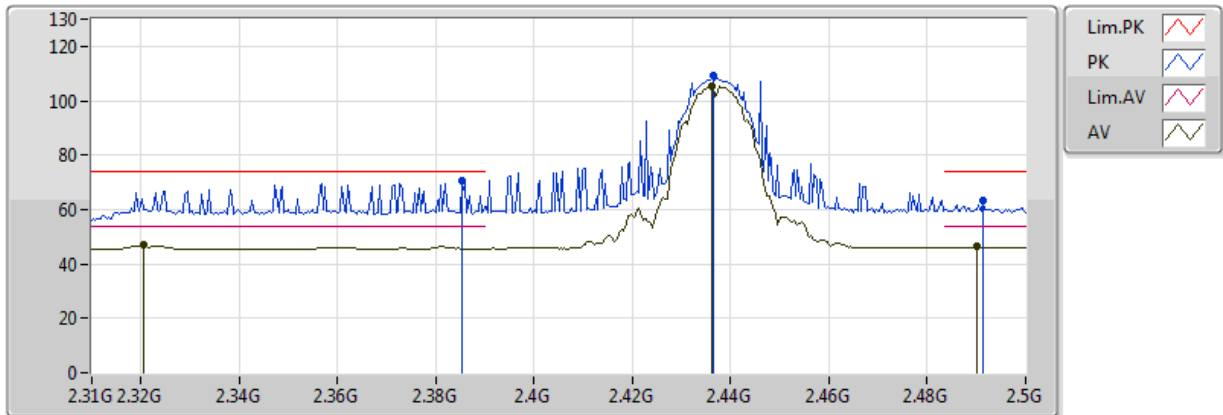
EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	32.78	54.00	-21.22	7.49	3	H	0	1.50	-
PK	4.824G	47.36	74.00	-26.64	7.49	3	H	0	1.50	-



### 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

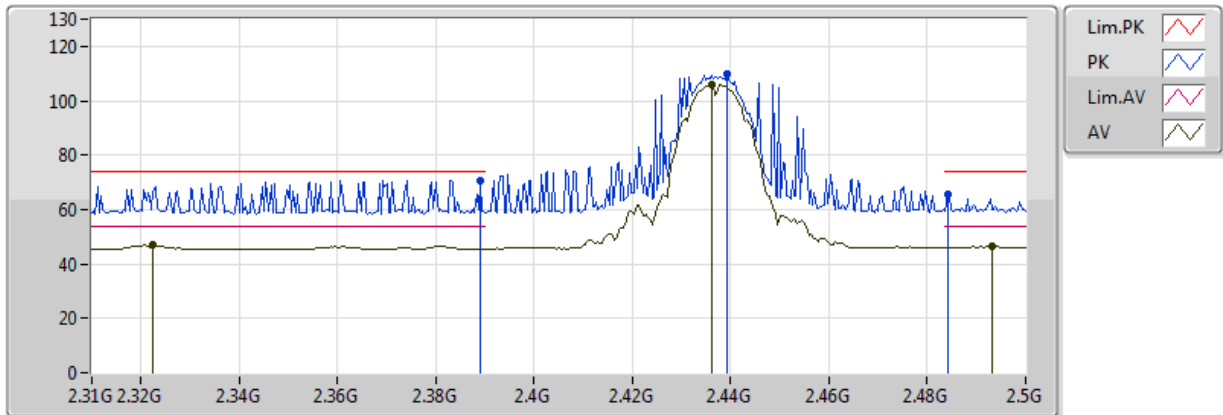


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.32064G	46.81	54.00	-7.19	31.11	3	V	74	2.07	-
AV	2.43616G	105.24	Inf	-Inf	31.49	3	V	74	2.07	-
AV	2.49012G	46.27	54.00	-7.73	31.66	3	V	74	2.07	-
PK	2.38524G	70.36	74.00	-3.64	31.32	3	V	74	2.07	-
PK	2.43654G	109.06	Inf	-Inf	31.49	3	V	74	2.07	-
PK	2.49126G	63.55	74.00	-10.45	31.66	3	V	74	2.07	-

### 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

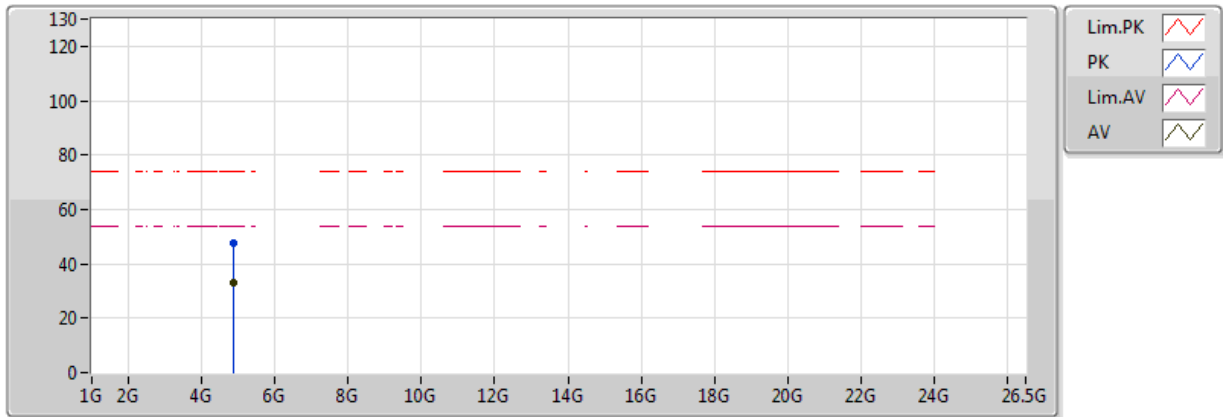


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.32254G	46.84	54.00	-7.16	31.11	3	H	352	1.87	-
AV	2.43616G	106.11	Inf	-Inf	31.49	3	H	352	1.87	-
AV	2.49316G	46.44	54.00	-7.56	31.67	3	H	352	1.87	-
PK	2.38904G	70.67	74.00	-3.33	31.33	3	H	352	1.87	-
PK	2.4392G	109.56	Inf	-Inf	31.50	3	H	352	1.87	-
PK	2.48404G	65.83	74.00	-8.17	31.64	3	H	352	1.87	-

### 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

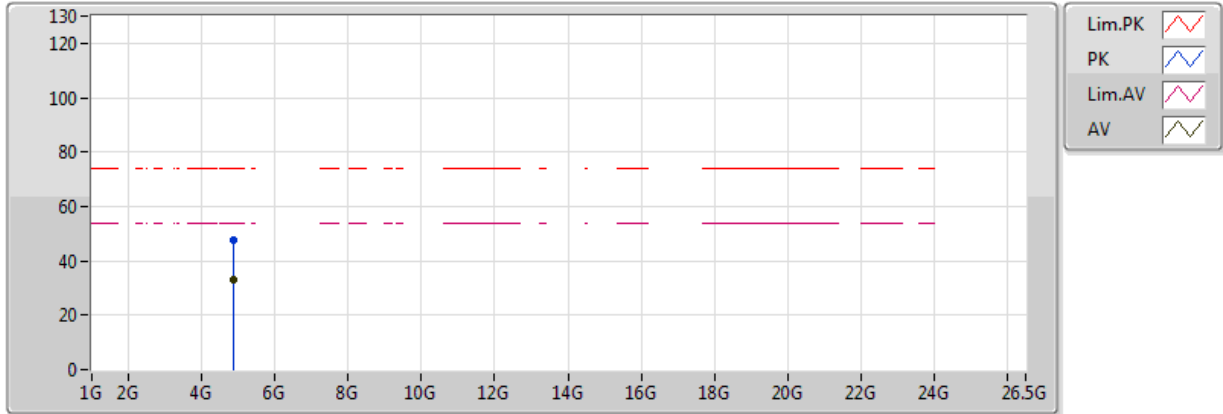


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	33.05	54.00	-20.95	7.58	3	V	0	1.50	-
PK	4.874G	47.42	74.00	-26.58	7.58	3	V	0	1.50	-

### 802.11b\_(1Mbps)\_1TX

### 2437MHz\_TX

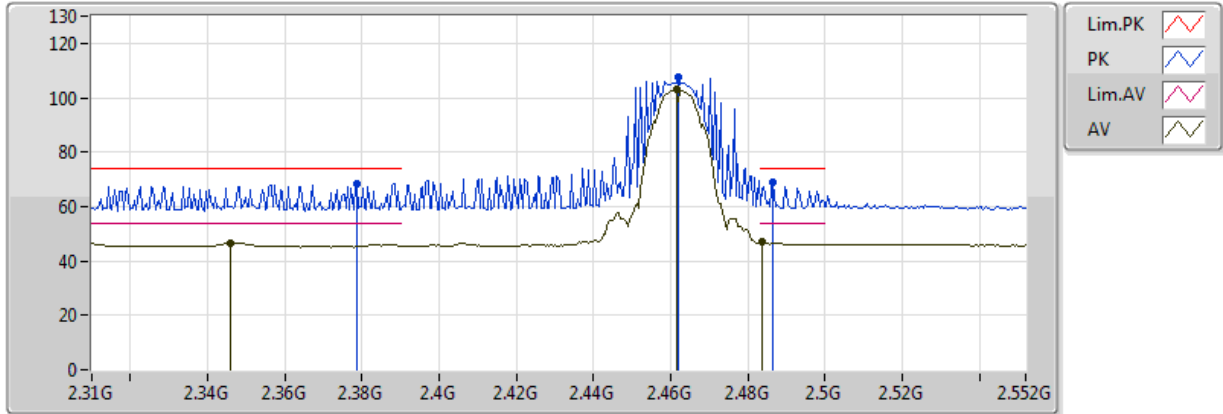


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	32.99	54.00	-21.01	7.58	3	H	360	1.50	-
PK	4.874G	47.36	74.00	-26.64	7.58	3	H	360	1.50	-

### 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

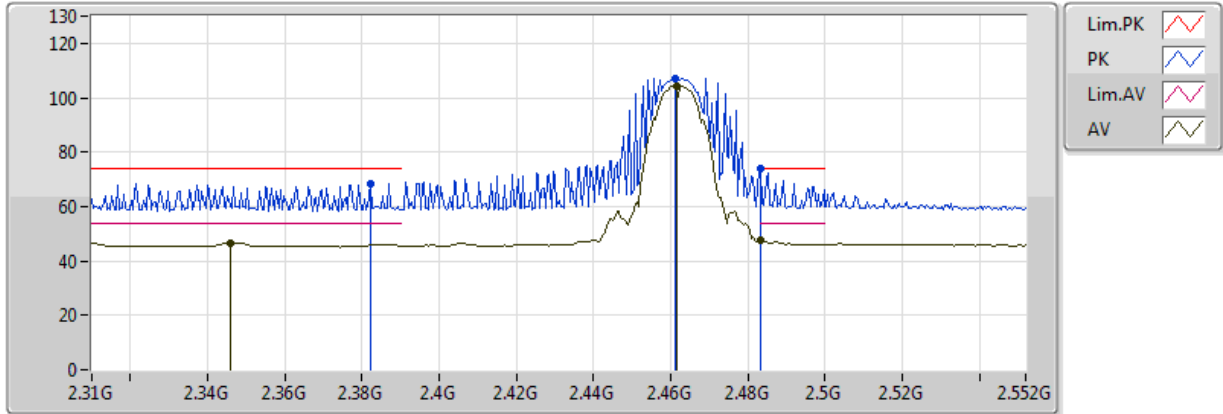


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.345816G	46.71	54.00	-7.29	31.19	3	V	74	1.98	-
AV	2.461492G	102.85	Inf	-Inf	31.57	3	V	74	1.98	-
AV	2.483756G	46.85	54.00	-7.15	31.64	3	V	74	1.98	-
PK	2.378728G	68.41	74.00	-5.59	31.30	3	V	74	1.98	-
PK	2.461976G	107.42	Inf	-Inf	31.57	3	V	74	1.98	-
PK	2.48666G	68.94	74.00	-5.06	31.65	3	V	74	1.98	-

### 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

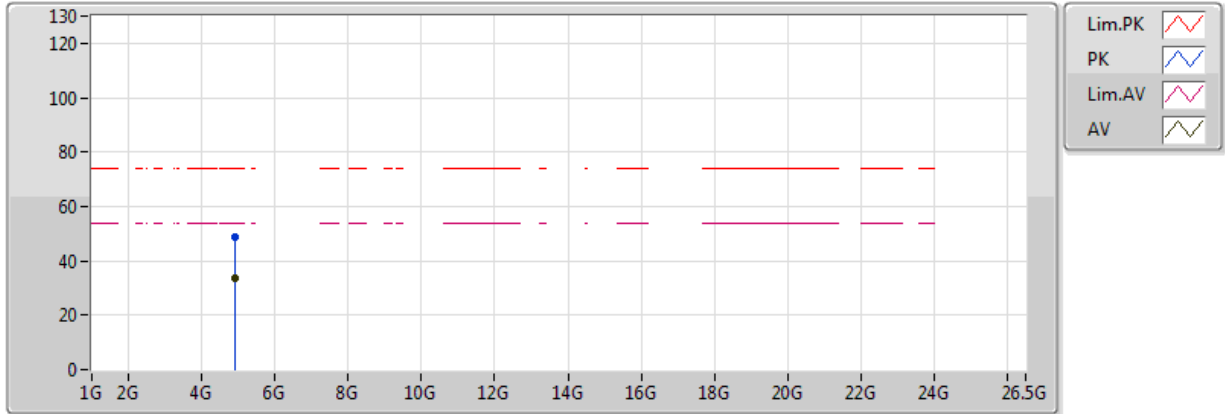


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.345816G	46.64	54.00	-7.36	31.19	3	H	12	1.67	-
AV	2.461492G	104.42	Inf	-Inf	31.57	3	H	12	1.67	-
AV	2.483502G	47.53	54.00	-6.47	31.64	3	H	12	1.67	-
PK	2.382116G	68.19	74.00	-5.81	31.31	3	H	12	1.67	-
PK	2.461008G	107.17	Inf	-Inf	31.57	3	H	12	1.67	-
PK	2.483502G	73.72	74.00	-0.28	31.64	3	H	12	1.67	-

### 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX

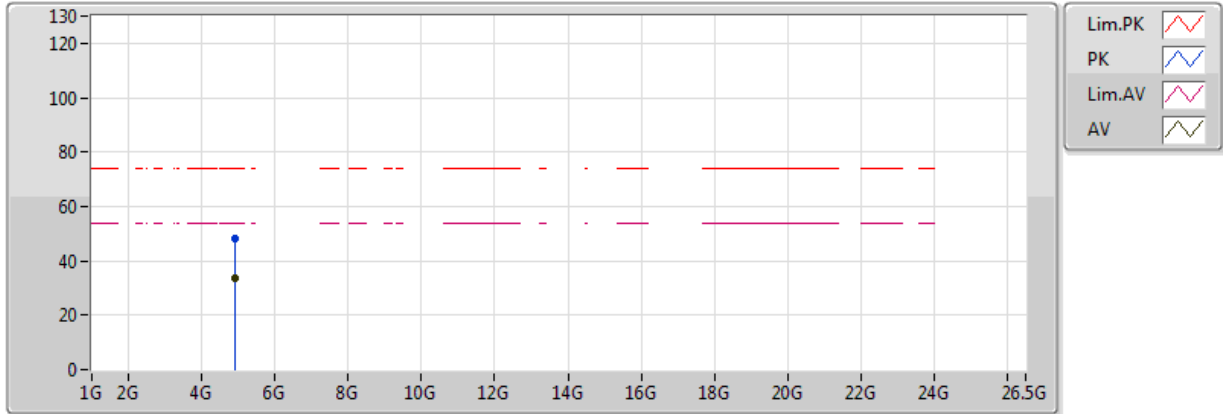


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	33.86	54.00	-20.14	7.66	3	V	360	1.50	-
PK	4.924G	48.65	74.00	-25.35	7.66	3	V	360	1.50	-

### 802.11b\_(1Mbps)\_1TX

### 2462MHz\_TX



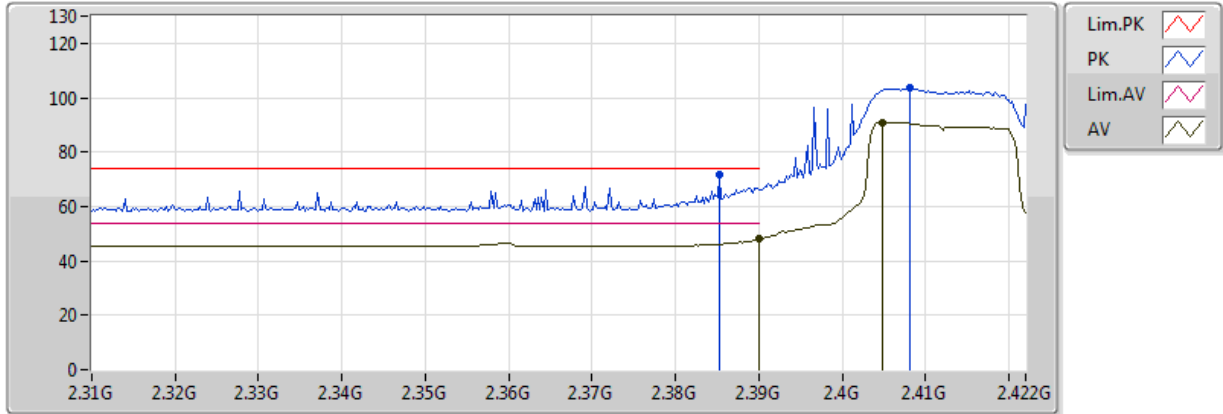
EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	33.82	54.00	-20.18	7.66	3	H	0	1.50	-
PK	4.924G	48.38	74.00	-25.62	7.66	3	H	0	1.50	-



### 802.11g\_(6Mbps)\_1TX

### 2412MHz\_TX

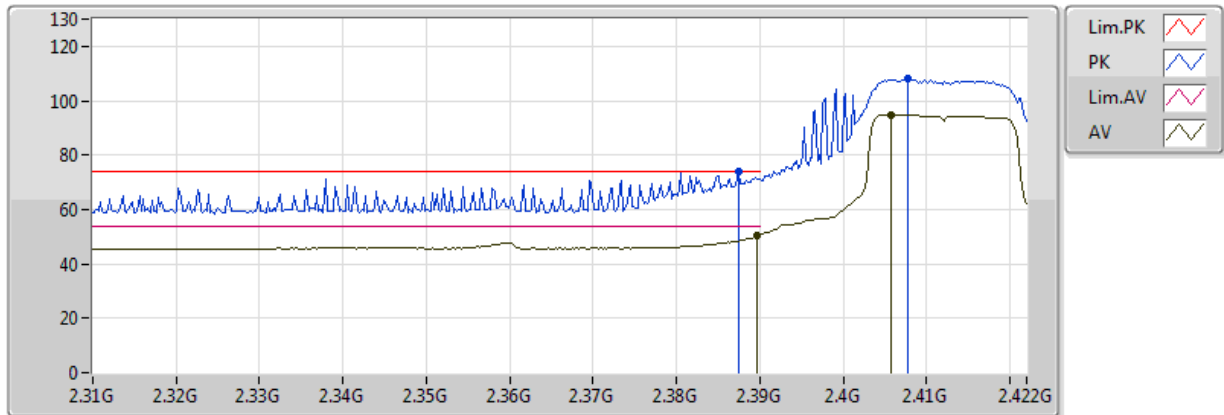


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	47.93	54.00	-6.07	31.34	3	V	80	1.47	-
AV	2.404752G	91.04	Inf	-Inf	31.39	3	V	80	1.47	-
PK	2.385264G	71.74	74.00	-2.26	31.32	3	V	80	1.47	-
PK	2.408112G	103.83	Inf	-Inf	31.40	3	V	80	1.47	-

### 802.11g\_(6Mbps)\_1TX

### 2412MHz\_TX

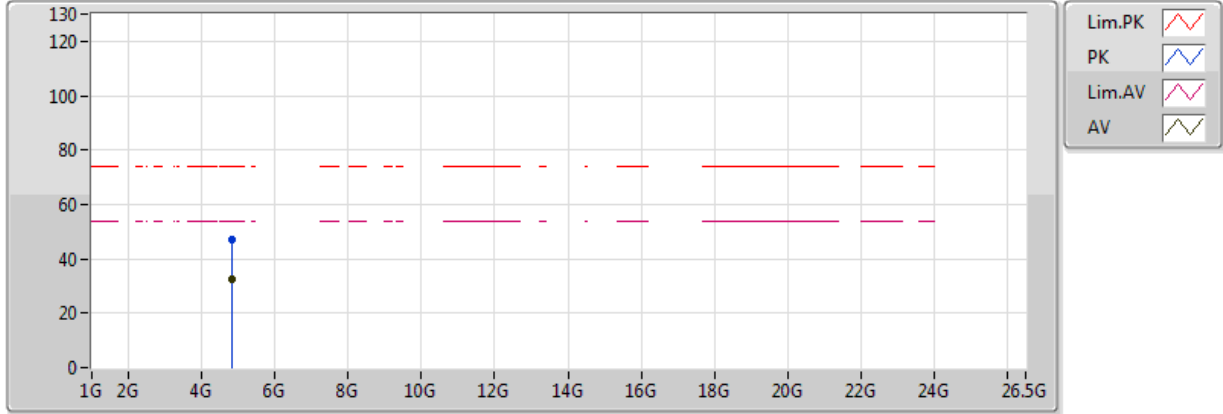


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389744G	50.37	54.00	-3.63	31.34	3	H	349	1.93	-
AV	2.405648G	94.94	Inf	-Inf	31.39	3	H	349	1.93	-
PK	2.387504G	73.87	74.00	-0.13	31.33	3	H	349	1.93	-
PK	2.407664G	108.16	Inf	-Inf	31.39	3	H	349	1.93	-

### 802.11g\_(6Mbps)\_1TX

### 2412MHz\_TX

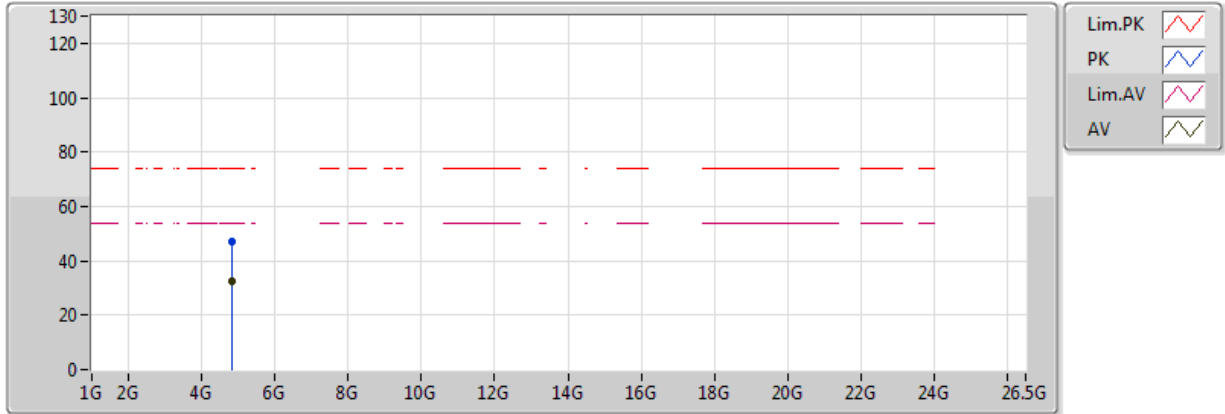


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	32.78	54.00	-21.22	7.49	3	V	0	1.50	-
PK	4.824G	47.25	74.00	-26.75	7.49	3	V	0	1.50	-

### 802.11g\_(6Mbps)\_1TX

### 2412MHz\_TX

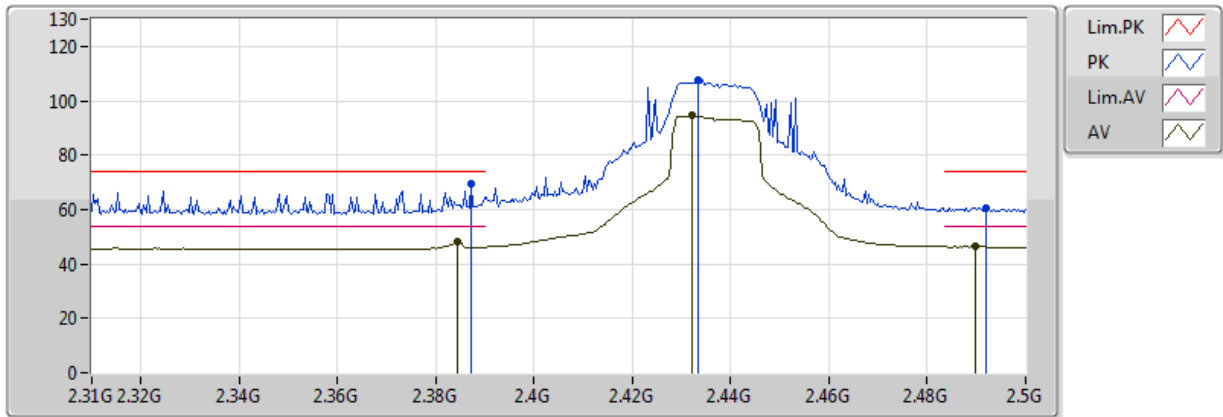


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	32.72	54.00	-21.28	7.49	3	H	360	1.50	-
PK	4.824G	47.10	74.00	-26.90	7.49	3	H	360	1.50	-

### 802.11g\_(6Mbps)\_1TX

### 2437MHz\_TX

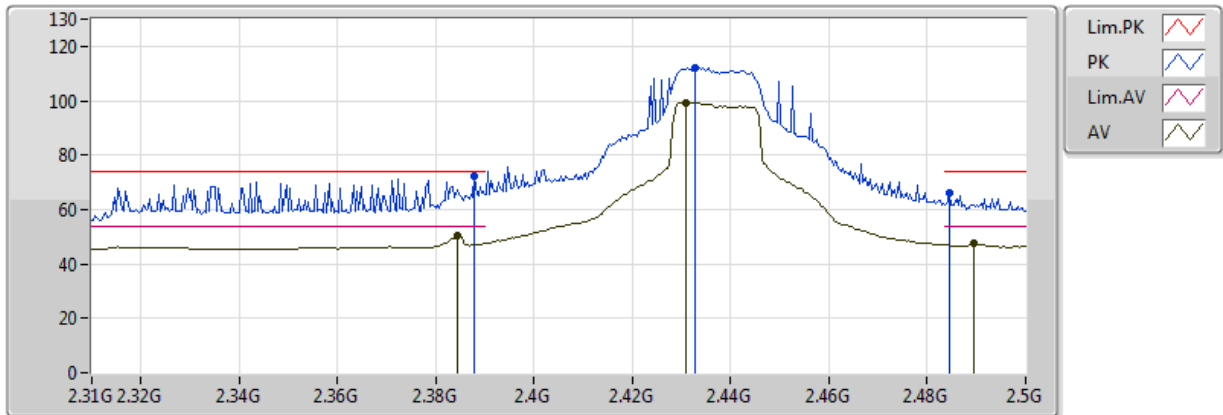


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.38448G	48.02	54.00	-5.98	31.32	3	V	113	1.76	-
AV	2.43198G	94.45	Inf	-Inf	31.47	3	V	113	1.76	-
AV	2.48974G	46.56	54.00	-7.44	31.66	3	V	113	1.76	-
PK	2.38714G	69.29	74.00	-4.71	31.33	3	V	113	1.76	-
PK	2.4335G	107.45	Inf	-Inf	31.48	3	V	113	1.76	-
PK	2.49202G	60.69	74.00	-13.31	31.66	3	V	113	1.76	-

### 802.11g\_(6Mbps)\_1TX

### 2437MHz\_TX

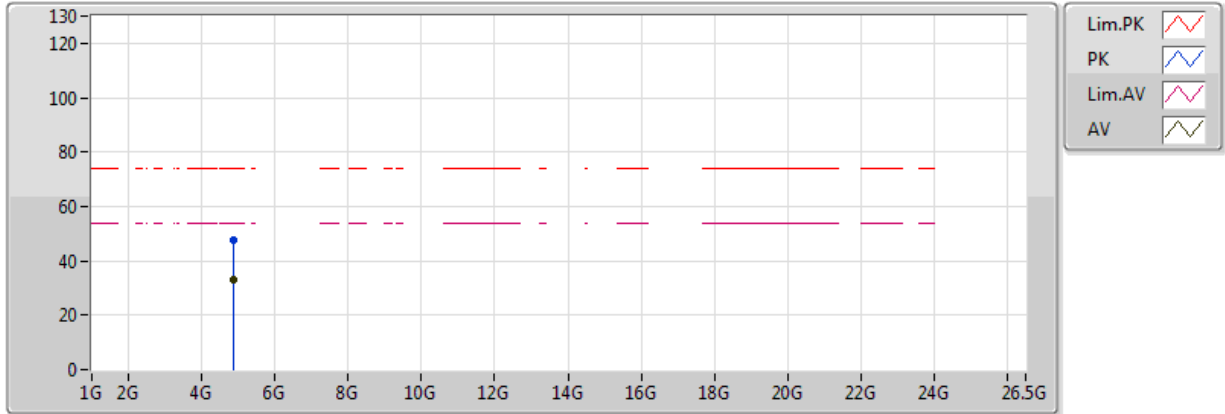


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.38448G	50.36	54.00	-3.64	31.32	3	H	347	1.46	-
AV	2.43084G	99.19	Inf	-Inf	31.47	3	H	347	1.46	-
AV	2.48936G	47.81	54.00	-6.19	31.66	3	H	347	1.46	-
PK	2.3879G	72.02	74.00	-1.98	31.33	3	H	347	1.46	-
PK	2.43274G	112.28	Inf	-Inf	31.47	3	H	347	1.46	-
PK	2.48442G	65.87	74.00	-8.13	31.64	3	H	347	1.46	-

### 802.11g\_(6Mbps)\_1TX

### 2437MHz\_TX

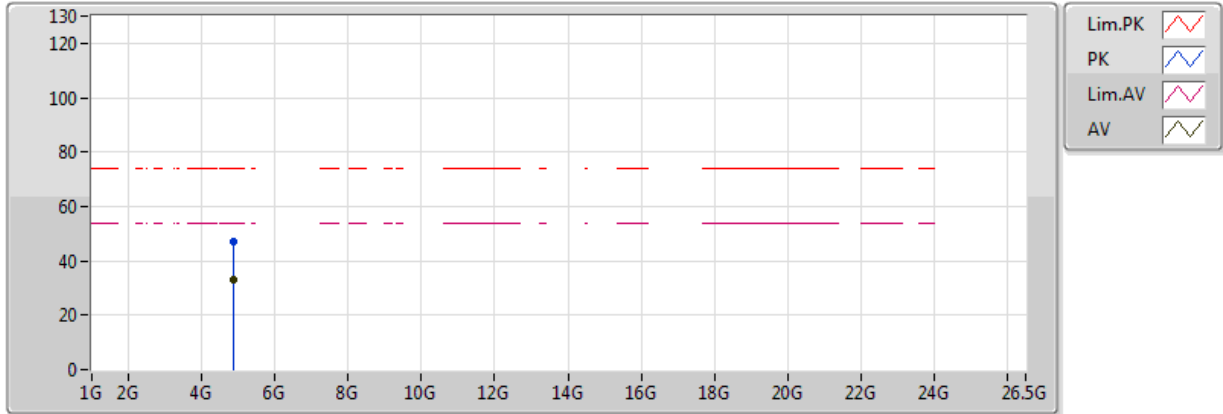


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	33.03	54.00	-20.97	7.58	3	V	360	1.50	-
PK	4.874G	47.47	74.00	-26.53	7.58	3	V	360	1.50	-

### 802.11g\_(6Mbps)\_1TX

### 2437MHz\_TX



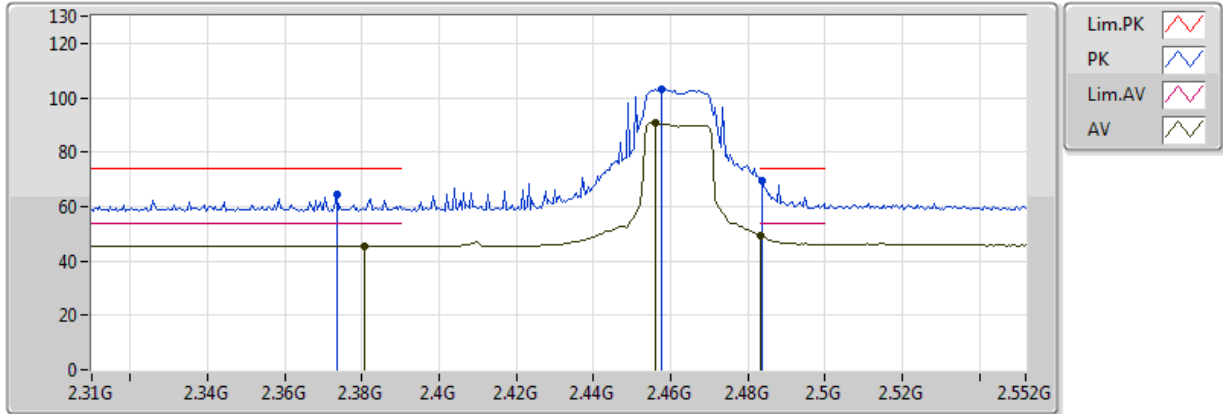
EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	33.06	54.00	-20.94	7.58	3	H	0	1.50	-
PK	4.874G	47.09	74.00	-26.91	7.58	3	H	0	1.50	-



### 802.11g\_(6Mbps)\_1TX

### 2462MHz\_TX

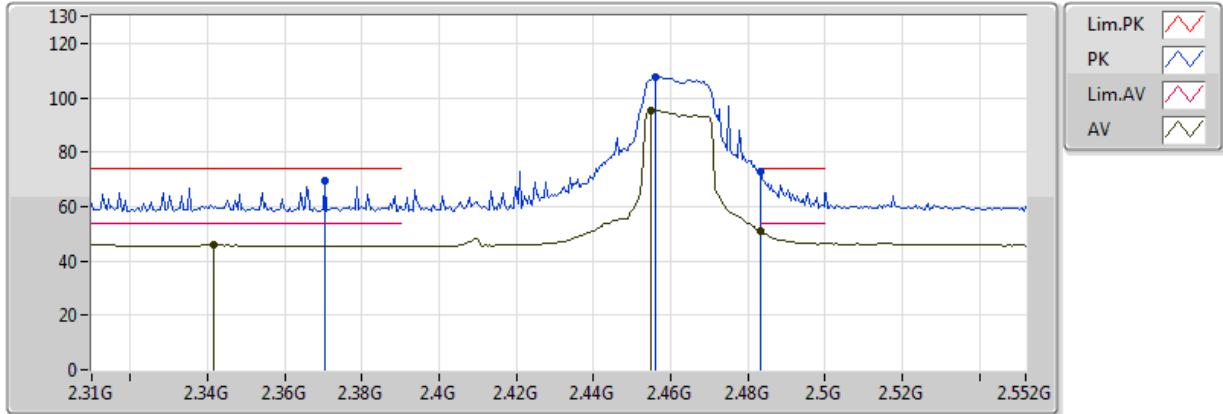


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.380664G	45.54	54.00	-8.46	31.31	3	V	78	1.13	-
AV	2.456168G	90.61	Inf	-Inf	31.55	3	V	78	1.13	-
AV	2.483502G	49.05	54.00	-4.95	31.64	3	V	78	1.13	-
PK	2.373404G	64.45	74.00	-9.55	31.28	3	V	78	1.13	-
PK	2.45762G	103.07	Inf	-Inf	31.55	3	V	78	1.13	-
PK	2.483756G	69.44	74.00	-4.56	31.64	3	V	78	1.13	-

### 802.11g\_(6Mbps)\_1TX

### 2462MHz\_TX

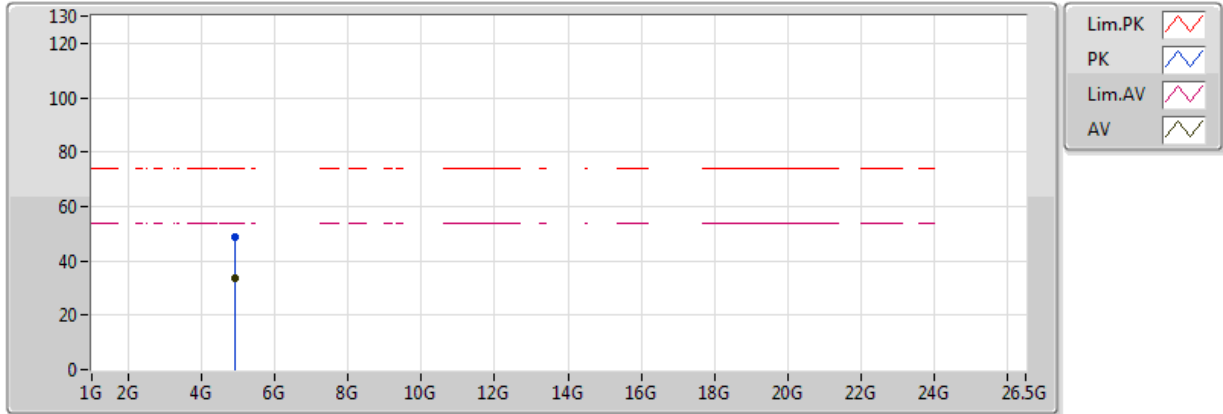


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.34146G	45.92	54.00	-8.08	31.18	3	H	345	2.13	-
AV	2.454716G	95.19	Inf	-Inf	31.55	3	H	345	2.13	-
AV	2.483502G	50.91	54.00	-3.09	31.64	3	H	345	2.13	-
PK	2.3705G	69.23	74.00	-4.77	31.27	3	H	345	2.13	-
PK	2.456168G	107.76	Inf	-Inf	31.55	3	H	345	2.13	-
PK	2.483502G	73.12	74.00	-0.88	31.64	3	H	345	2.13	-

### 802.11g\_(6Mbps)\_1TX

### 2462MHz\_TX

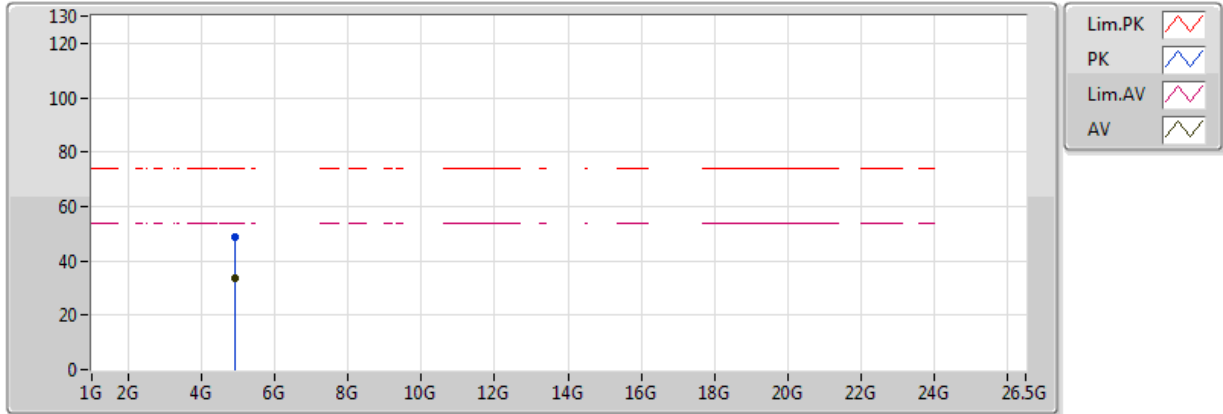


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	33.83	54.00	-20.17	7.66	3	V	0	1.50	-
PK	4.924G	48.47	74.00	-25.53	7.66	3	V	0	1.50	-

### 802.11g\_(6Mbps)\_1TX

### 2462MHz\_TX

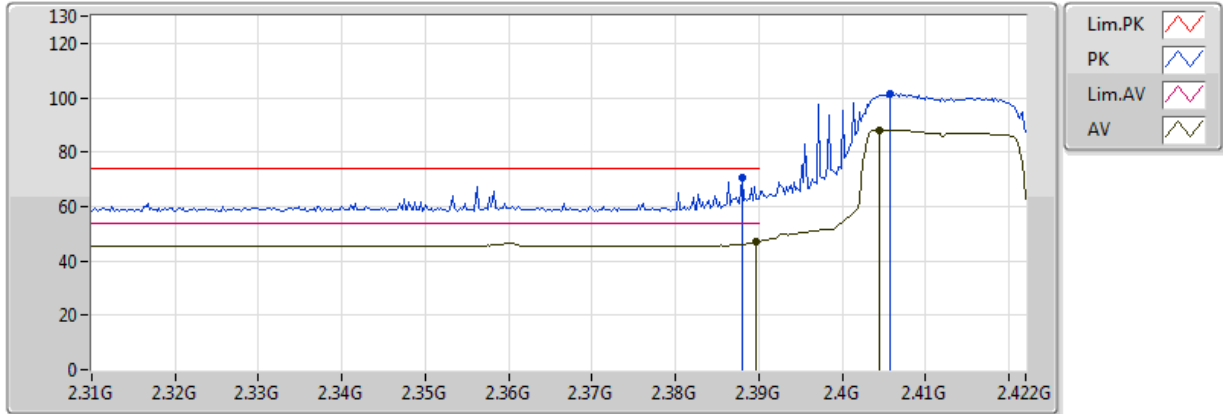


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	33.82	54.00	-20.18	7.66	3	H	360	1.50	-
PK	4.924G	48.94	74.00	-25.06	7.66	3	H	360	1.50	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

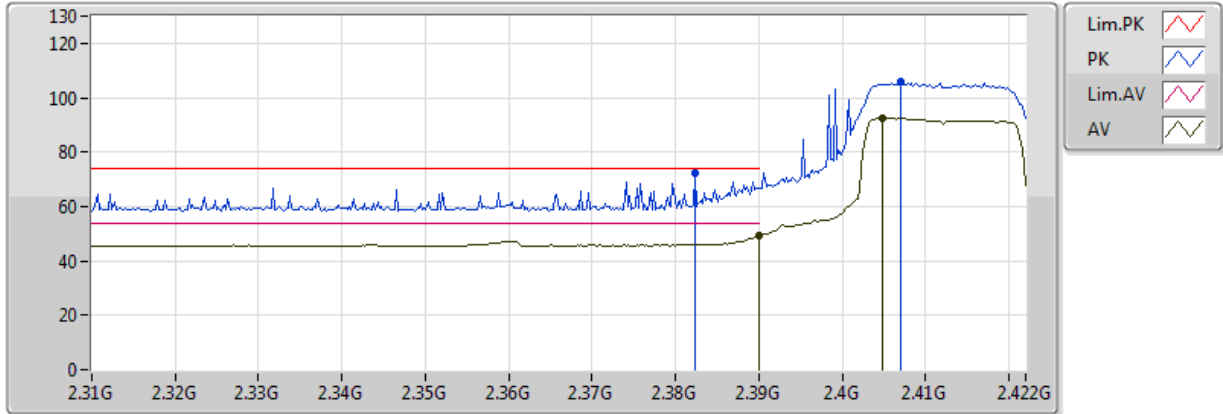


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389744G	47.09	54.00	-6.91	31.34	3	V	80	1.45	-
AV	2.404528G	88.20	Inf	-Inf	31.38	3	V	80	1.45	-
PK	2.387952G	70.40	74.00	-3.60	31.33	3	V	80	1.45	-
PK	2.405648G	101.65	Inf	-Inf	31.39	3	V	80	1.45	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

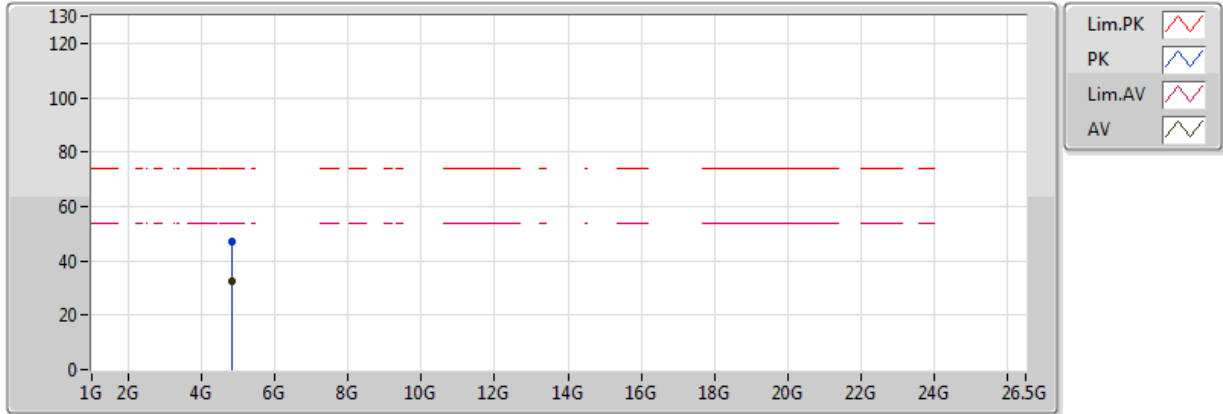


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	49.18	54.00	-4.82	31.34	3	H	346	2.50	-
AV	2.404752G	92.47	Inf	-Inf	31.39	3	H	346	2.50	-
PK	2.382352G	72.28	74.00	-1.72	31.31	3	H	346	2.50	-
PK	2.406992G	106.00	Inf	-Inf	31.39	3	H	346	2.50	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX

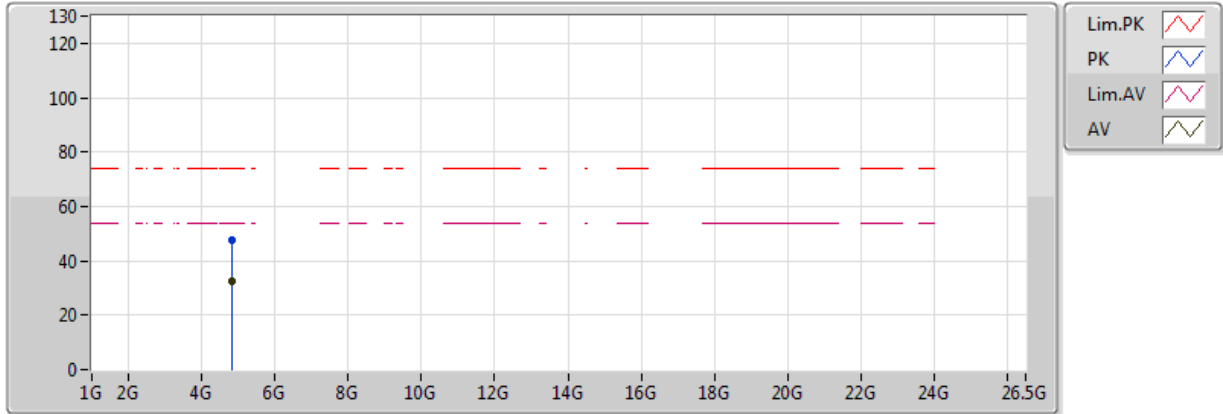


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	32.76	54.00	-21.24	7.49	3	V	360	1.50	-
PK	4.824G	46.95	74.00	-27.05	7.49	3	V	360	1.50	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2412MHz\_TX



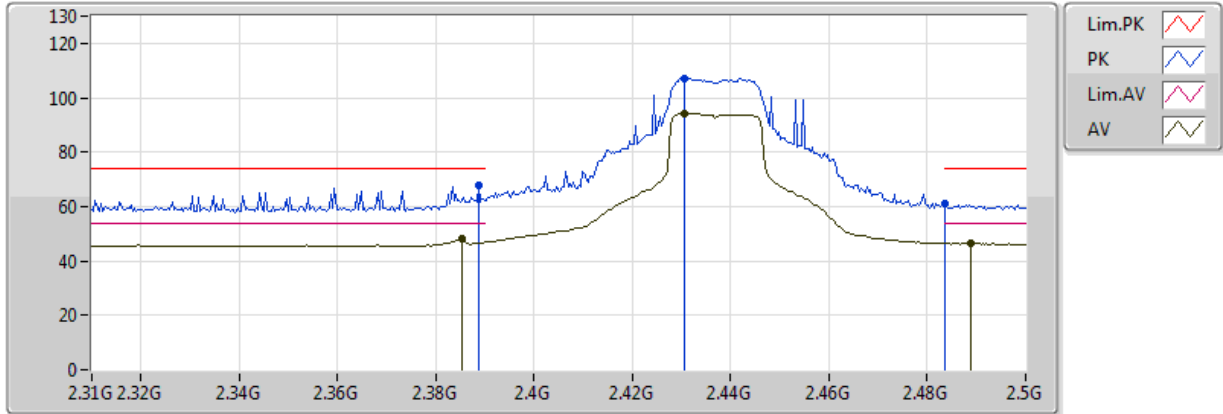
EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	32.78	54.00	-21.22	7.49	3	H	0	1.50	-
PK	4.824G	47.43	74.00	-26.57	7.49	3	H	0	1.50	-



### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

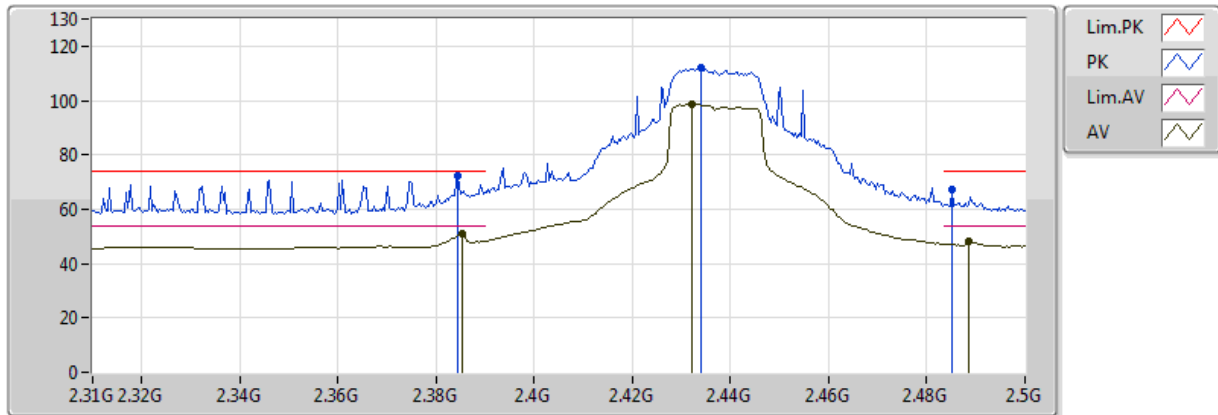


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.38524G	48.27	54.00	-5.73	31.32	3	V	80	1.41	-
AV	2.43046G	94.07	Inf	-Inf	31.47	3	V	80	1.41	-
AV	2.48898G	46.76	54.00	-7.24	31.65	3	V	80	1.41	-
PK	2.38866G	67.63	74.00	-6.37	31.33	3	V	80	1.41	-
PK	2.43046G	107.18	Inf	-Inf	31.47	3	V	80	1.41	-
PK	2.48366G	60.93	74.00	-13.07	31.64	3	V	80	1.41	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

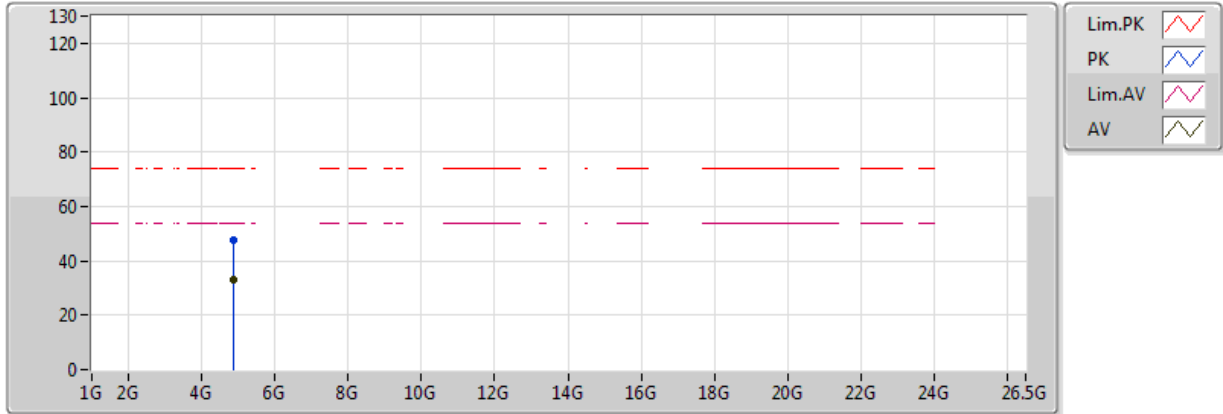


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.38524G	51.09	54.00	-2.91	31.32	3	H	350	1.46	-
AV	2.43198G	98.61	Inf	-Inf	31.47	3	H	350	1.00	-
AV	2.4886G	48.09	54.00	-5.91	31.65	3	H	350	1.46	-
PK	2.38448G	72.47	74.00	-1.53	31.32	3	H	350	1.46	-
PK	2.43388G	112.09	Inf	-Inf	31.48	3	H	350	1.46	-
PK	2.48518G	67.40	74.00	-6.60	31.64	3	H	350	1.46	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

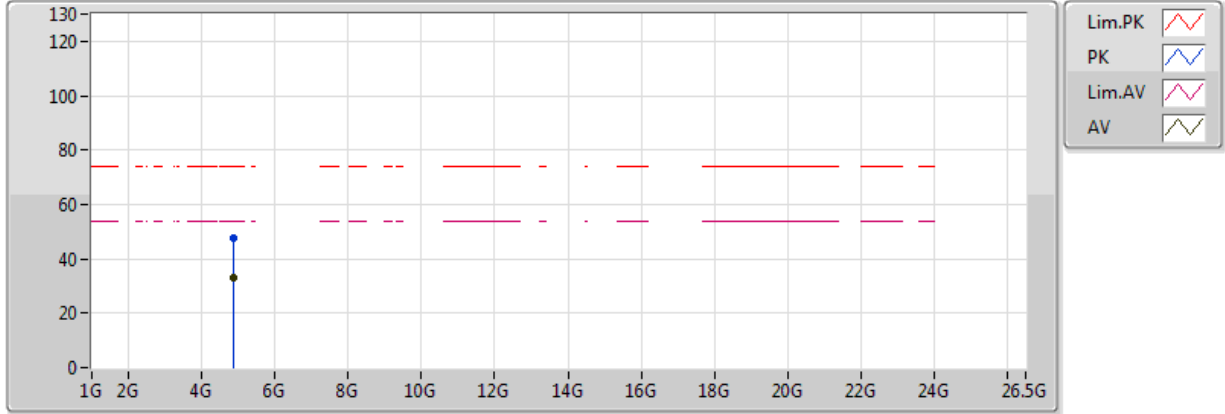


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	33.08	54.00	-20.92	7.58	3	V	0	1.50	-
PK	4.874G	47.68	74.00	-26.32	7.58	3	V	0	1.50	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

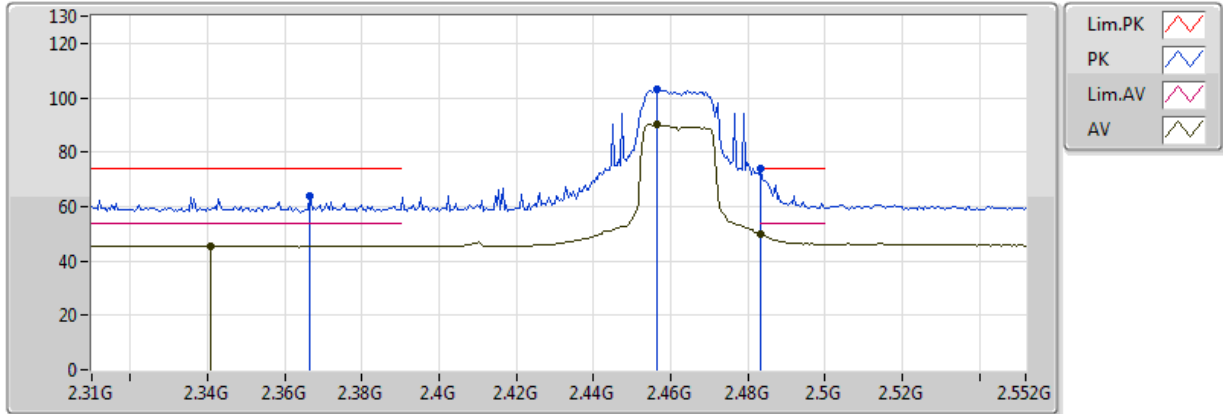


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	33.03	54.00	-20.97	7.58	3	H	360	1.50	-
PK	4.874G	47.90	74.00	-26.10	7.58	3	H	360	1.50	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

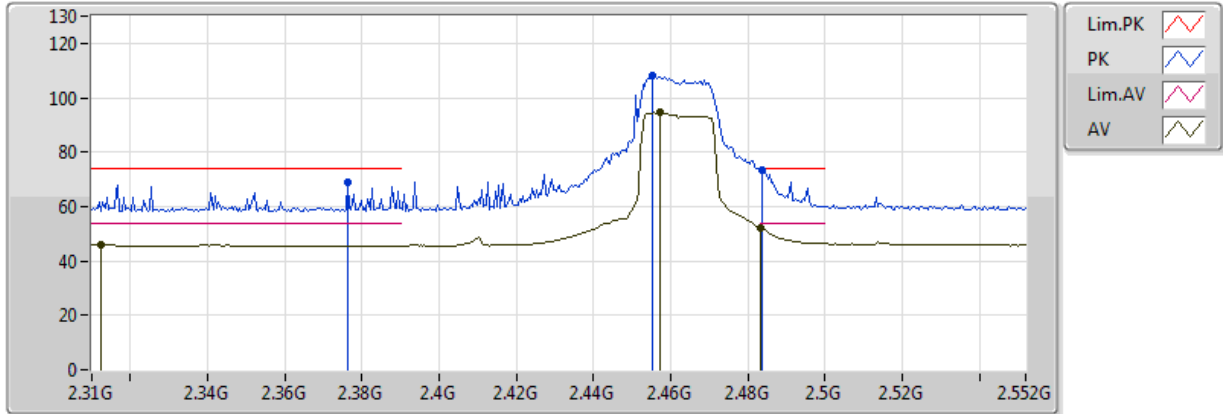


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.340976G	45.63	54.00	-8.37	31.18	3	V	75	1.14	-
AV	2.456652G	90.08	Inf	-Inf	31.55	3	V	75	1.14	-
AV	2.483502G	49.79	54.00	-4.21	31.64	3	V	75	1.14	-
PK	2.366628G	63.92	74.00	-10.08	31.26	3	V	75	1.14	-
PK	2.456652G	103.04	Inf	-Inf	31.55	3	V	75	1.14	-
PK	2.483502G	73.91	74.00	-0.09	31.64	3	V	75	1.14	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

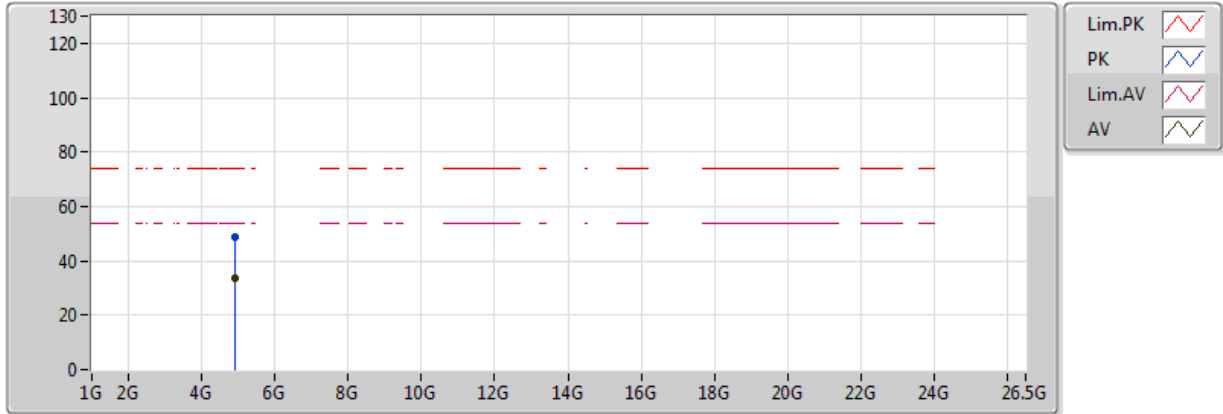


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.31242G	45.88	54.00	-8.12	31.08	3	H	349	2.15	-
AV	2.457136G	94.57	Inf	-Inf	31.55	3	H	349	2.15	-
AV	2.483502G	51.94	54.00	-2.06	31.64	3	H	349	2.15	-
PK	2.376308G	68.79	74.00	-5.21	31.29	3	H	349	2.15	-
PK	2.4552G	108.28	Inf	-Inf	31.55	3	H	349	2.15	-
PK	2.483756G	73.46	74.00	-0.54	31.64	3	H	349	2.15	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX

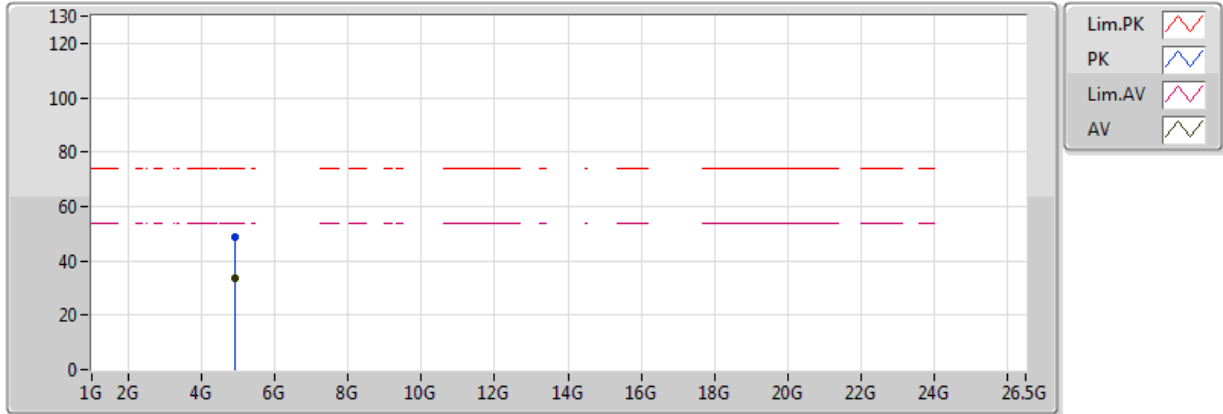


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	33.87	54.00	-20.13	7.66	3	V	360	1.50	-
PK	4.924G	48.47	74.00	-25.53	7.66	3	V	360	1.50	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### 2462MHz\_TX



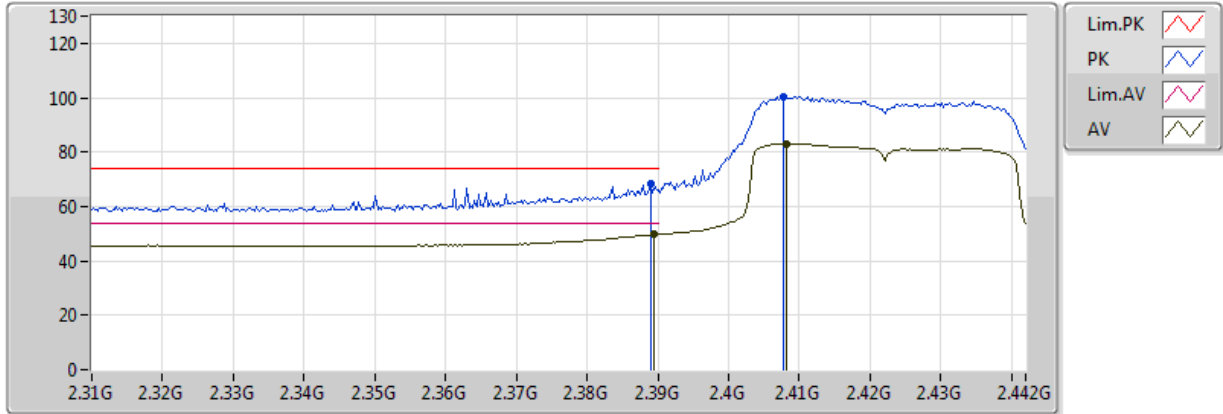
EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	33.89	54.00	-20.11	7.66	3	H	0	1.50	-
PK	4.924G	48.79	74.00	-25.21	7.66	3	H	0	1.50	-



### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

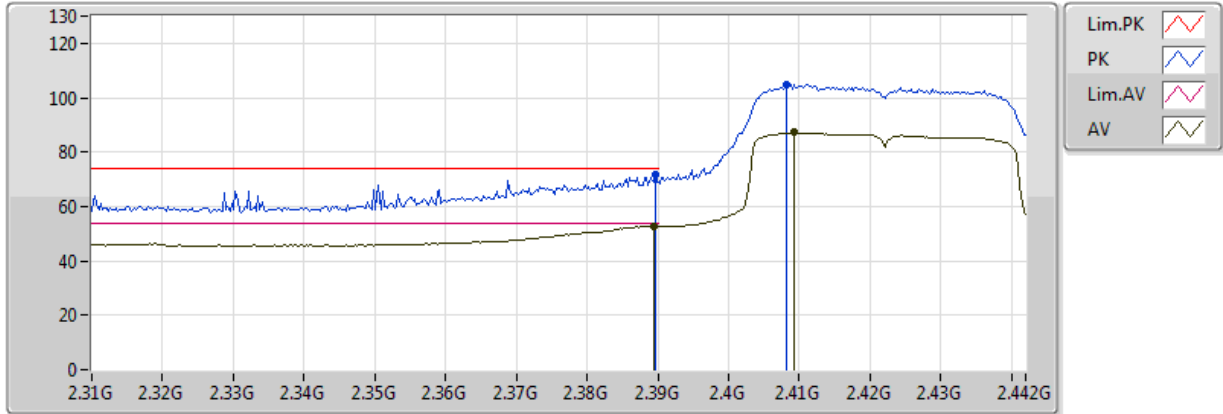


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389464G	49.79	54.00	-4.21	31.34	3	V	81	1.48	-
AV	2.408208G	83.19	Inf	-Inf	31.40	3	V	81	1.48	-
PK	2.388936G	68.19	74.00	-5.81	31.33	3	V	81	1.48	-
PK	2.40768G	100.58	Inf	-Inf	31.39	3	V	81	1.48	-

802.11n HT40\_Nss1,(MCS0)\_1TX

2422MHz\_TX

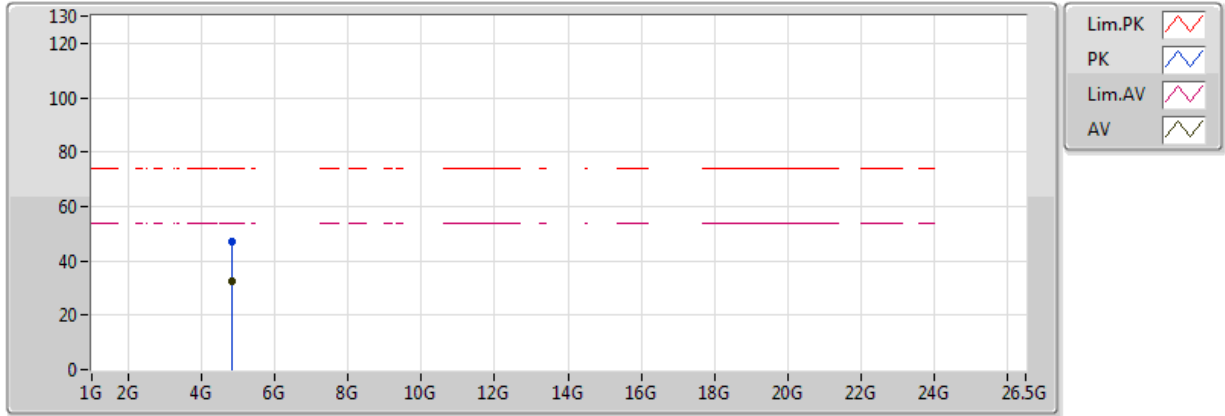


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.409264G	87.16	Inf	-Inf	31.40	3	H	349	2.25	-
AV	2.389464G	52.83	54.00	-1.17	31.34	3	H	349	2.25	-
PK	2.408208G	104.84	Inf	-Inf	31.40	3	H	349	2.25	-
PK	2.389728G	71.74	74.00	-2.26	31.34	3	H	349	2.25	-

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

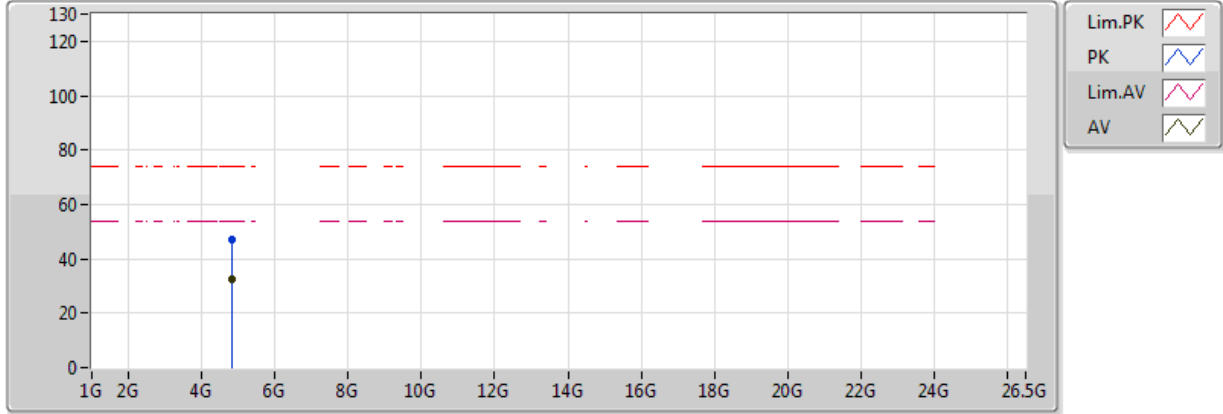


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.844G	32.53	54.00	-21.47	7.52	3	V	0	1.50	-
PK	4.844G	47.17	74.00	-26.83	7.52	3	V	0	1.50	-

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

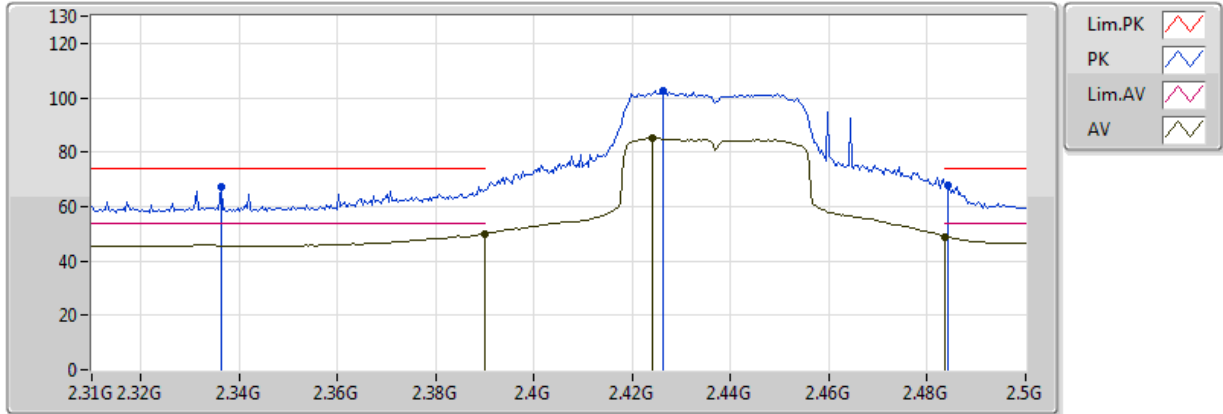


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.844G	32.59	54.00	-21.41	7.52	3	H	360	1.50	-
PK	4.844G	46.81	74.00	-27.19	7.52	3	H	360	1.50	-

### 802.11n HT40\_Nss1,(MCS0)\_1TX

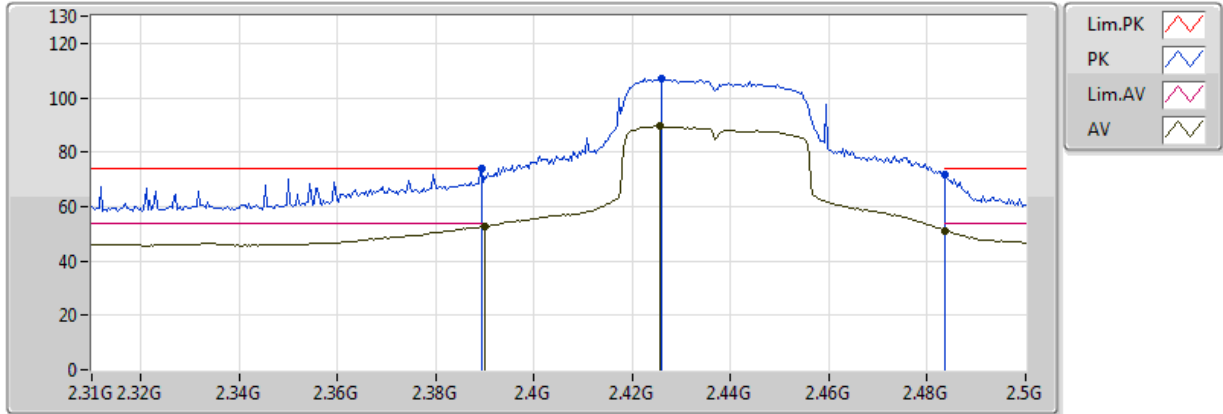
### 2437MHz\_TX



EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	49.95	54.00	-4.05	31.34	3	V	74	1.17	-
AV	2.424G	84.99	Inf	-Inf	31.45	3	V	74	1.17	-
AV	2.48366G	49.00	54.00	-5.00	31.64	3	V	74	1.17	-
PK	2.33622G	67.43	74.00	-6.57	31.16	3	V	74	1.17	-
PK	2.42628G	102.60	Inf	-Inf	31.45	3	V	74	1.17	-
PK	2.48404G	68.00	74.00	-6.00	31.64	3	V	74	1.17	-

**802.11n HT40\_Nss1,(MCS0)\_1TX  
2437MHz\_TX**

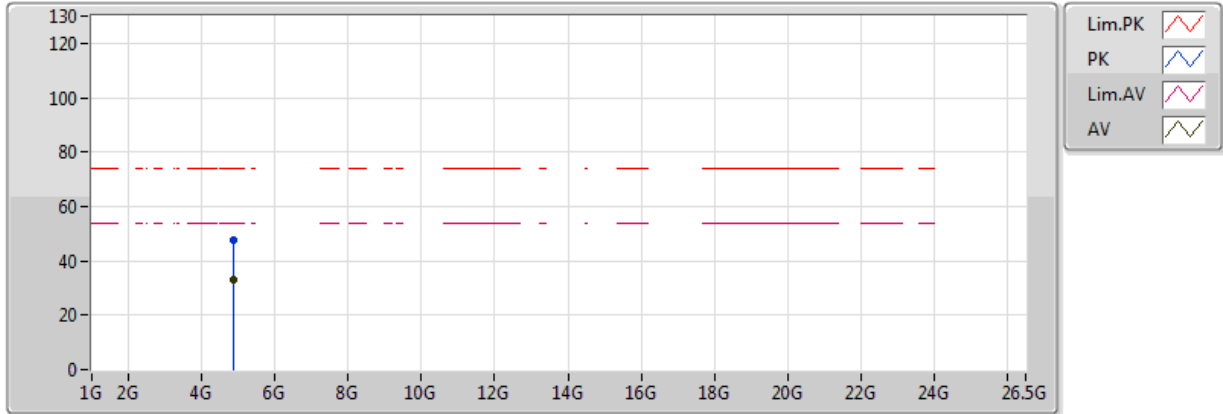


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	52.72	54.00	-1.28	31.34	3	H	357	2.19	-
AV	2.42552G	89.66	Inf	-Inf	31.45	3	H	357	2.19	-
AV	2.48366G	51.15	54.00	-2.85	31.64	3	H	357	2.19	-
PK	2.38942G	73.89	74.00	-0.11	31.34	3	H	357	2.19	-
PK	2.4259G	106.91	Inf	-Inf	31.45	3	H	357	2.19	-
PK	2.48366G	71.61	74.00	-2.39	31.64	3	H	357	2.19	-

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX

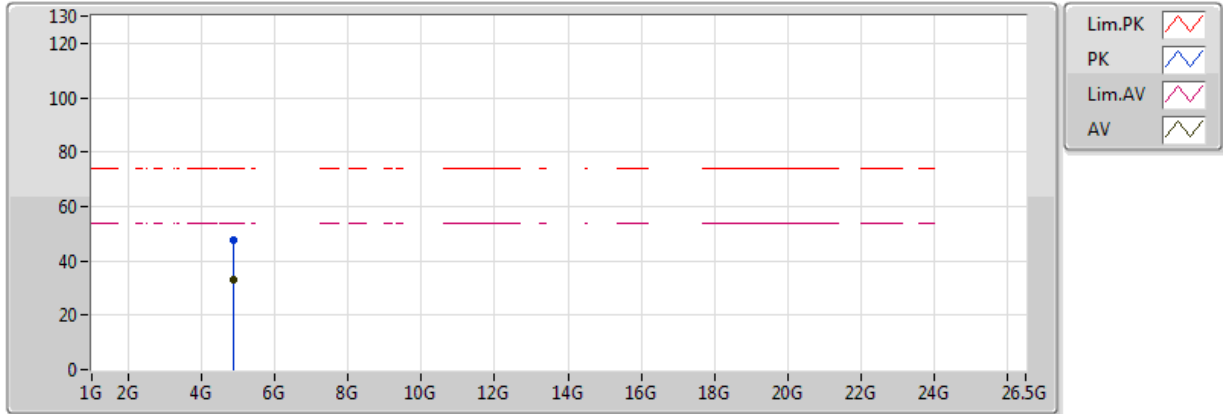


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	33.05	54.00	-20.95	7.58	3	V	360	1.50	-
PK	4.874G	47.71	74.00	-26.29	7.58	3	V	360	1.50	-

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_TX



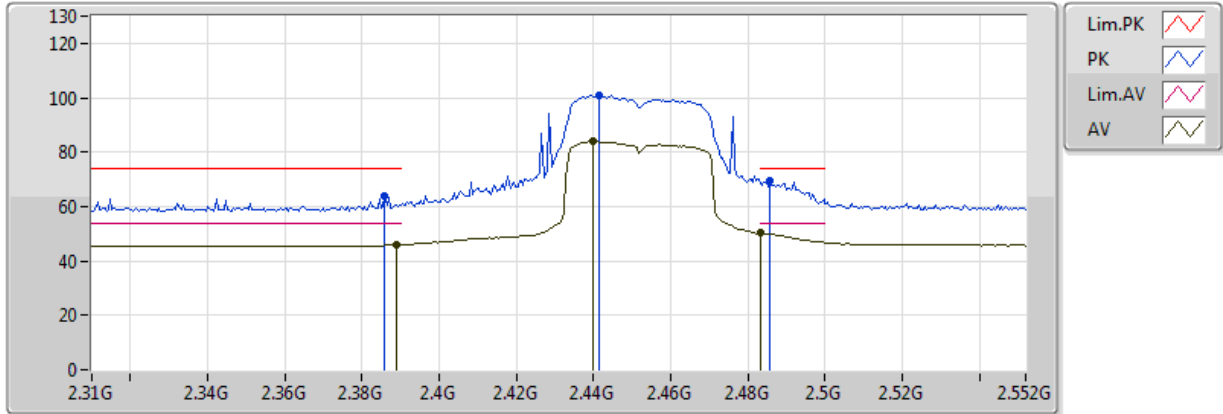
EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	33.08	54.00	-20.92	7.58	3	H	0	1.50	-
PK	4.874G	47.63	74.00	-26.37	7.58	3	H	0	1.50	-



### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

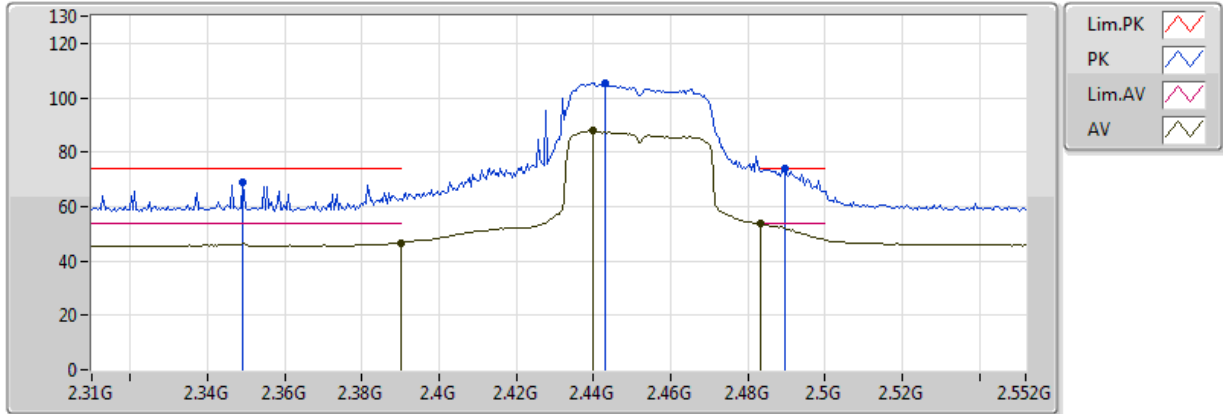


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.388892G	45.92	54.00	-8.08	31.33	3	V	79	1.34	-
AV	2.439712G	84.08	Inf	-Inf	31.50	3	V	79	1.34	-
AV	2.483502G	50.19	54.00	-3.81	31.64	3	V	79	1.34	-
PK	2.385988G	63.69	74.00	-10.31	31.32	3	V	79	1.34	-
PK	2.441648G	101.06	Inf	-Inf	31.50	3	V	79	1.34	-
PK	2.485692G	69.65	74.00	-4.35	31.64	3	V	79	1.34	-

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

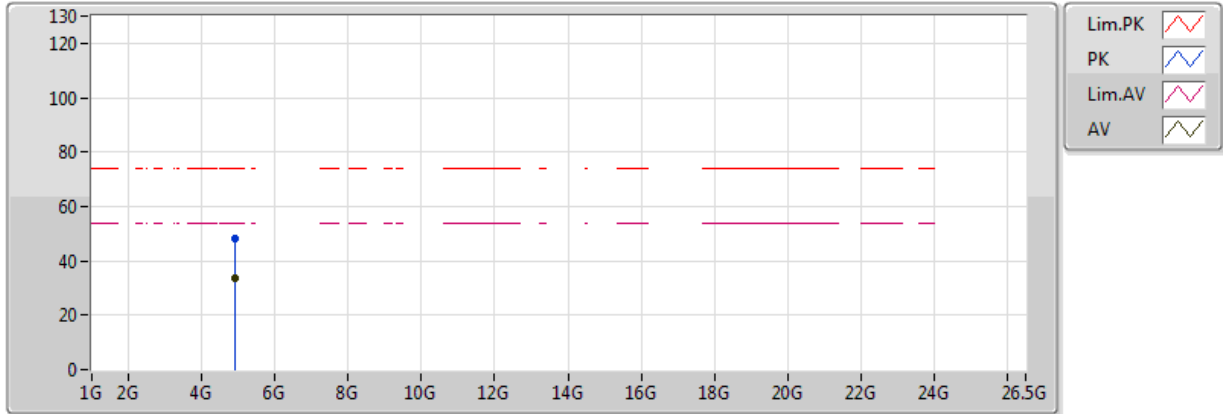


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	46.66	54.00	-7.34	31.34	3	H	344	1.93	-
AV	2.439712G	87.76	Inf	-Inf	31.50	3	H	344	1.93	-
AV	2.483502G	53.62	54.00	-0.38	31.64	3	H	344	1.93	-
PK	2.349204G	68.71	74.00	-5.29	31.20	3	H	344	1.93	-
PK	2.4431G	105.60	Inf	-Inf	31.51	3	H	344	1.93	-
PK	2.489564G	73.80	74.00	-0.20	31.66	3	H	344	1.93	-

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX

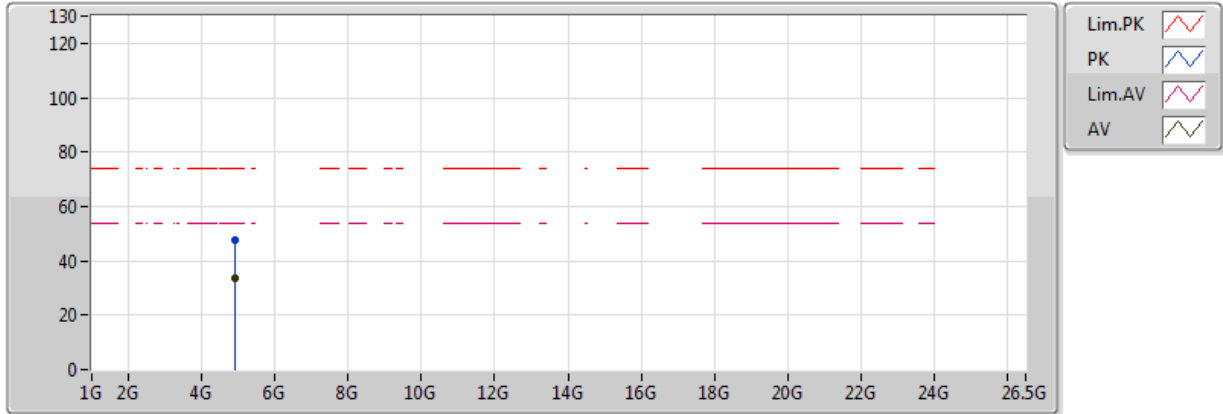


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.904G	33.50	54.00	-20.50	7.63	3	V	0	1.50	-
PK	4.904G	47.96	74.00	-26.04	7.63	3	V	0	1.50	-

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2452MHz\_TX



EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.904G	33.52	54.00	-20.48	7.63	3	H	360	1.50	-
PK	4.904G	47.61	74.00	-26.39	7.63	3	H	360	1.50	-