



FCC Test Report

Equipment : 2.4GHz 300Mbps 12dBi Outdoor CPE
Brand Name : tp-link
Model No. : CPE220
FCC ID : TE7CPE220V3
Standard : 47 CFR FCC Part 15.247
Operating Band : 2400 MHz – 2483.5 MHz
Function : ☐ Point-to-multipoint; ☒ Point-to-point
Applicant : TP-Link Technologies Co., Ltd.
Building 24 (floors 1,3,4,5) and 28 (floors1-4),Central
Science and Technology
Park,Nanshan,Shenzhen,518057,China
Manufacturer : TP-Link Technologies Co., Ltd.
Building 24 (floors 1,3,4,5) and 28 (floors1-4),Central
Science and Technology
Park,Nanshan,Shenzhen,518057,China

The product sample received on Jul. 12, 2017 and completely tested on Aug. 08, 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.


Cliff Chang
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	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: > 30 dBc	Complied
3.6	15.247(d)	Emissions in Restricted Frequency Bands	Restricted Bands: FCC 15.209	Complied



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FCC ID: TE7CPE220V3

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Nss-Min is the minimum number of spatial streams.
- ♦ Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Port	Brand Holder	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	SUNPARL INFORMATION TECHNOLOGY CO., LTD	SPDB-2400-12D60-TP2	Panel Antenna	N/A	12
2	2	SUNPARL INFORMATION TECHNOLOGY CO., LTD	SPDB-2400-12D60-TP2	Panel Antenna	N/A	12

Note: The EUT has two antennas.

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.998	0.009	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.989	0.048	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.989	0.048	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40	0.985	0.065	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming

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
- ♦ FCC KDB 558074 D01 v04
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location				
☐	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.	TEL : 886-3-327-3456	FAX : 886-3-318-0055
☒	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 Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Peter Wu	22°C / 61%	Jul. 21, 2017
Radiated	03CH01-CB	Ron Huang / Paul Chen	23°C / 51%	Jul. 12, 2017~ Jul. 25, 2017
AC Conduction	CO02-CB	GN Hou	21°C / 61%	Aug. 08, 2017

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

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)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_(1Mbps)_2TX	-
2412MHz	22.5
2437MHz	25
2462MHz	24
802.11g_(6Mbps)_2TX	-
2412MHz	20
2437MHz	25
2462MHz	20
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	19.5
2437MHz	25
2462MHz	19.5
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	18
2437MHz	21
2452MHz	16.5

2.2 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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode	CTX

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories					
No.	Equipment Name	Brand Name	Model Name	P/N	Rating
1	PoE	tp-link	TL-POE2412G	T240050-2-PoE	Input: 100-240V~50/60Hz, 0.4A Output: 24V, 0.5A
Others					
Power Cord*1: Non-Shielded 0.5m					

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E6430	DoC

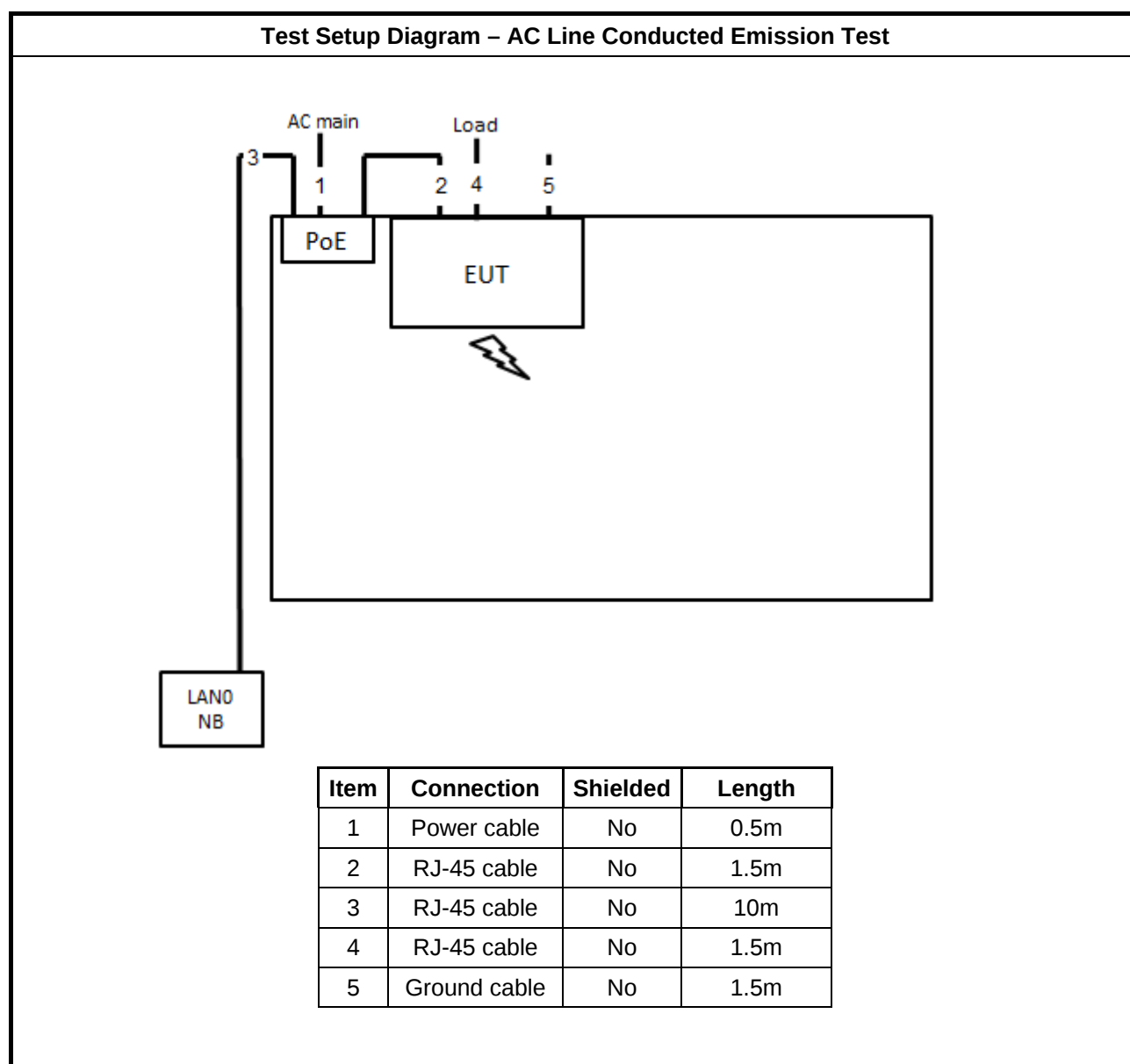
For Test Site No: 03CH01-CB

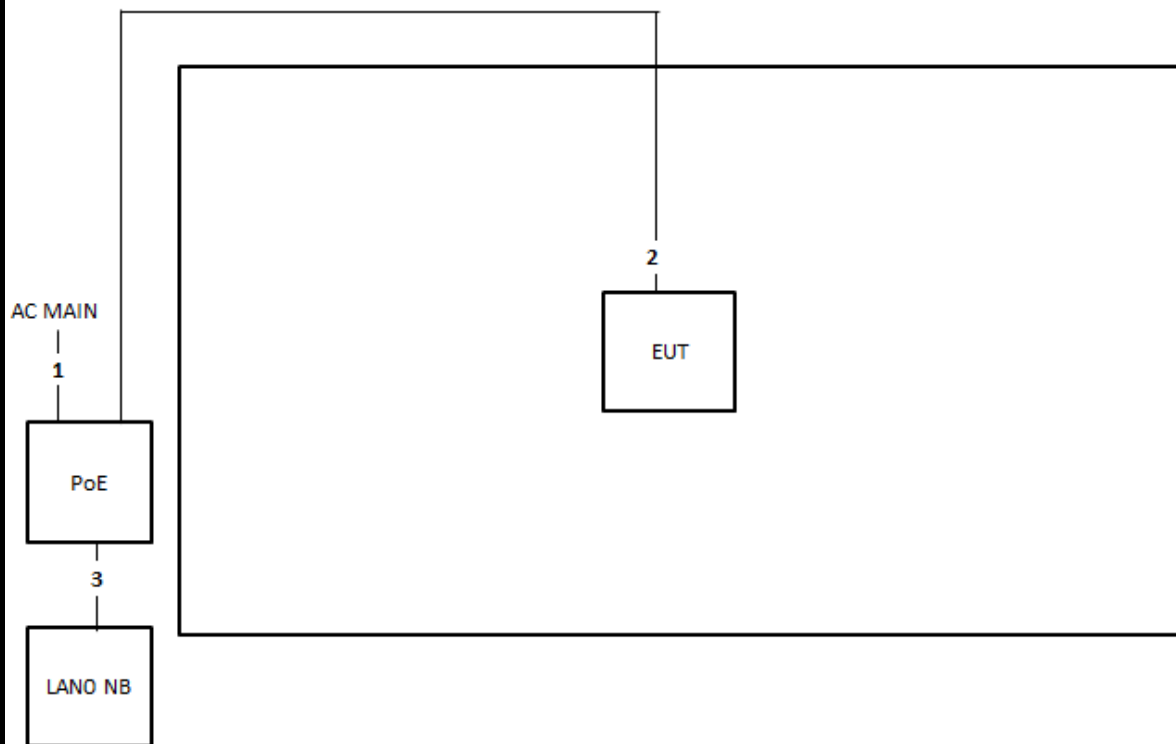
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	DoC

For Test Site No: TH01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	DoC

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	Power cable	No	0.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

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.

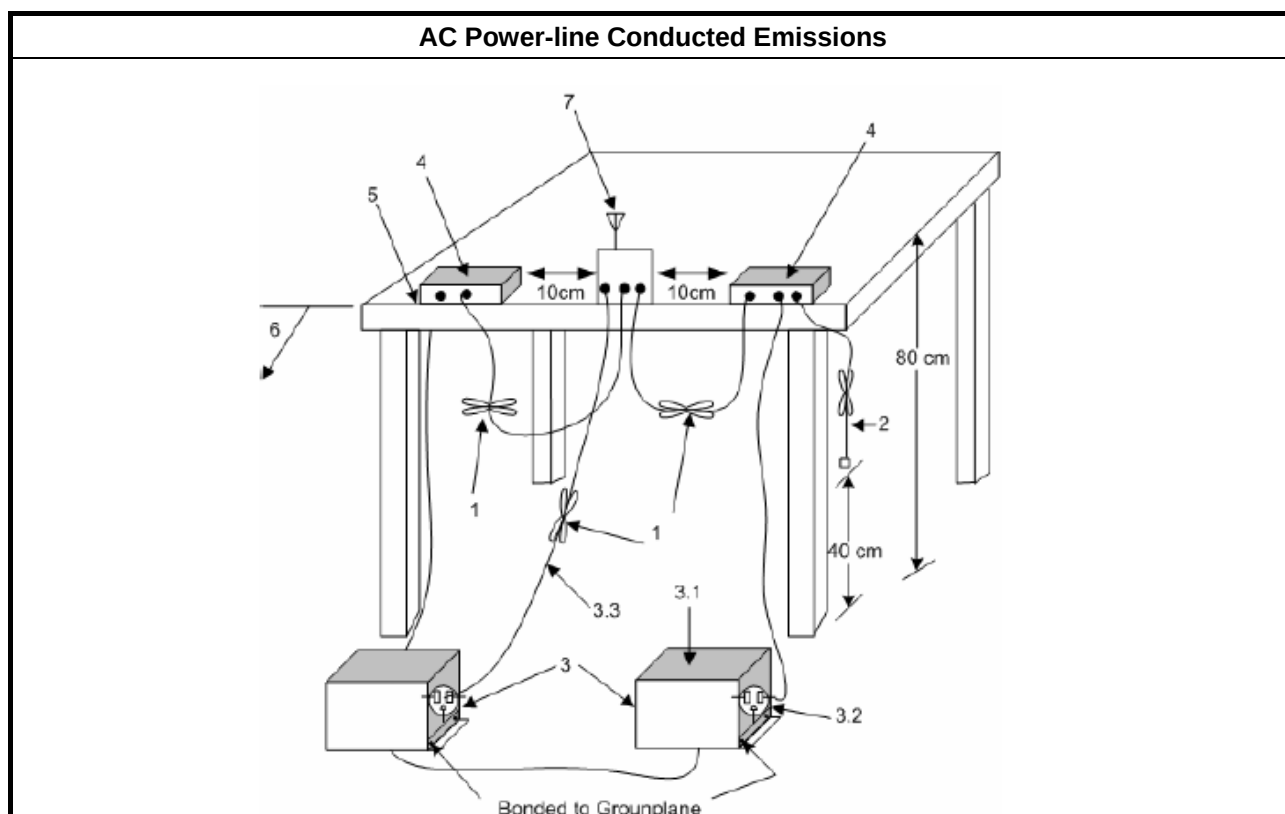
3.1.2 Measuring Instruments

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.

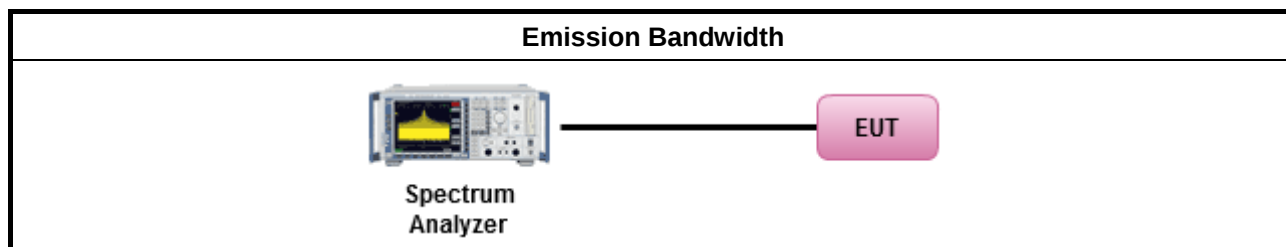
3.2.2 Measuring Instruments

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 FCC KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
☐	Refer as FCC KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 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
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

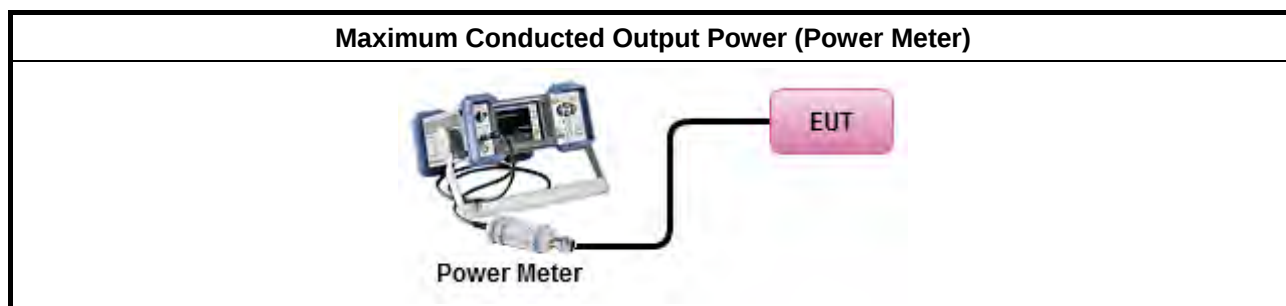
3.3.2 Measuring Instruments

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 FCC KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 9.1.2 Option 2 (peak power meter for VBW ≥ DTS BW)
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 9.2.2.2 Method AVGSA-1 (spectral trace averaging).
☐	Refer as FCC KDB 558074, clause 9.2.2.3 Method AVGSA-1 Alt. (slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
☐	Refer as FCC 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 FCC KDB 558074, clause 9.2.3 Method AVGPM-G (using an RF average power meter).
☐	Refer as FCC KDB 558074, clause 9.1.2 PKPM1 Peak power meter method.
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC 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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
Power Spectral Density (PSD) $\leq$ 8 dBm/3kHz

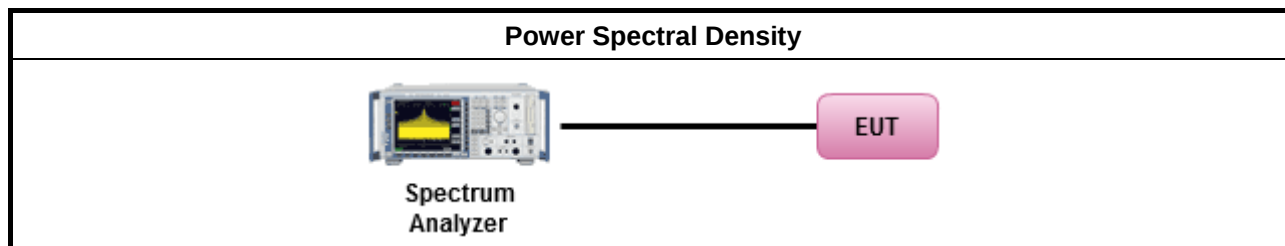
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒ Refer as FCC KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak). [duty cycle $\geq$ 98% or external video / power trigger]
☐ Refer as FCC KDB 558074, clause 10.3 Method AVGPS-1 (spectral trace averaging).
☐ Refer as FCC KDB 558074, clause 10.4 Method AVGPS-2 (slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor
☐ Refer as FCC KDB 558074, clause 10.5 Method AVGPS-1 Alt (spectral trace averaging).
☐ Refer as FCC KDB 558074, clause 10.6 Method AVGPS-2 Alt. (slow sweep speed)
For conducted measurement.
If The EUT supports multiple transmit chains using options given below:
☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

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.	

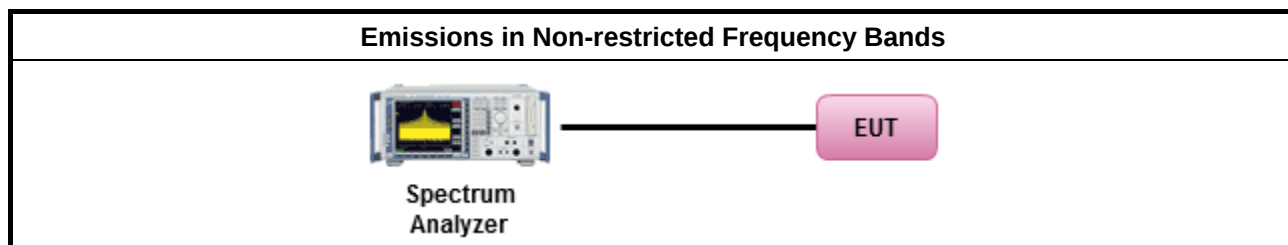
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as FCC 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.

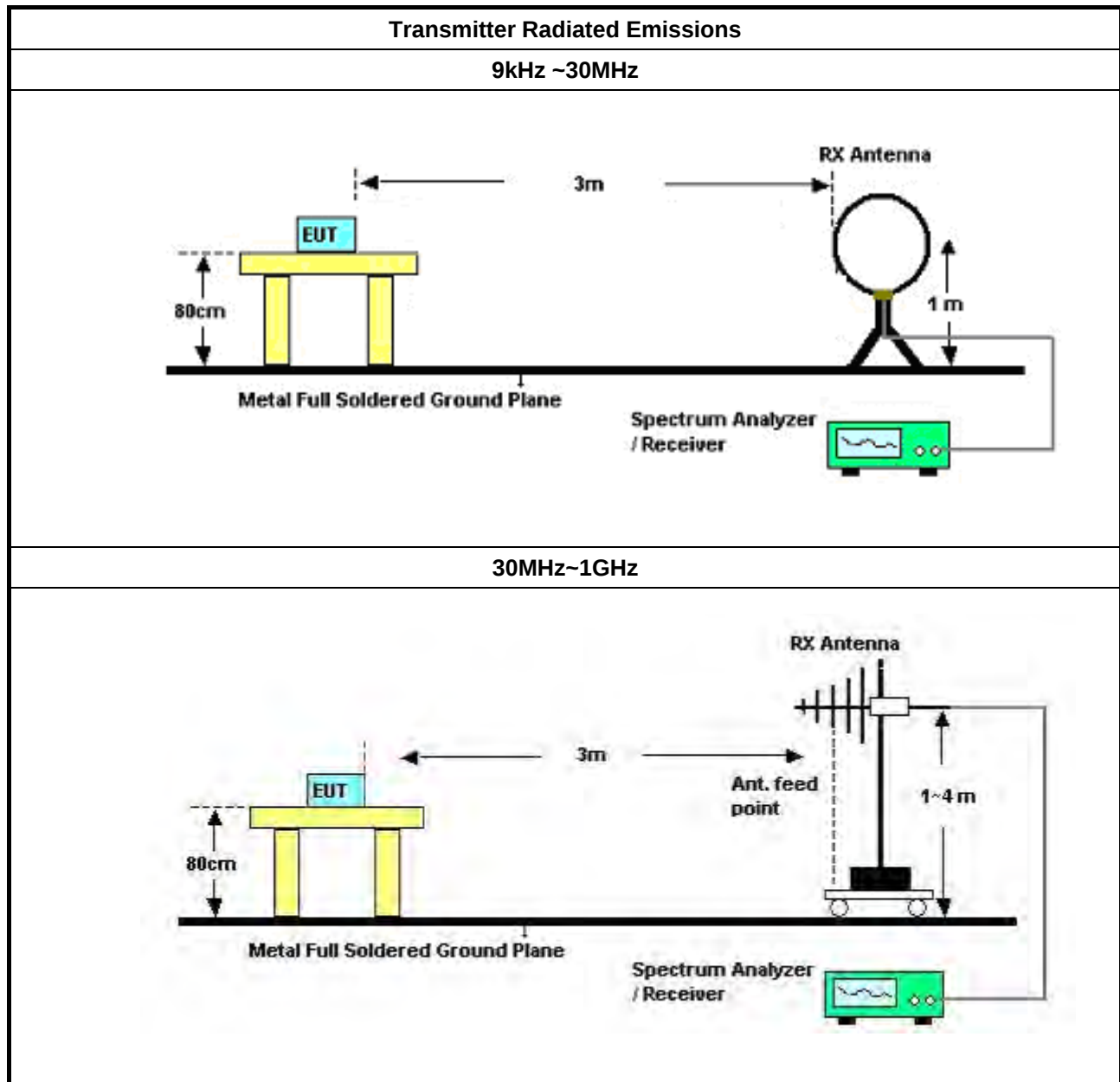
3.6.2 Measuring Instruments

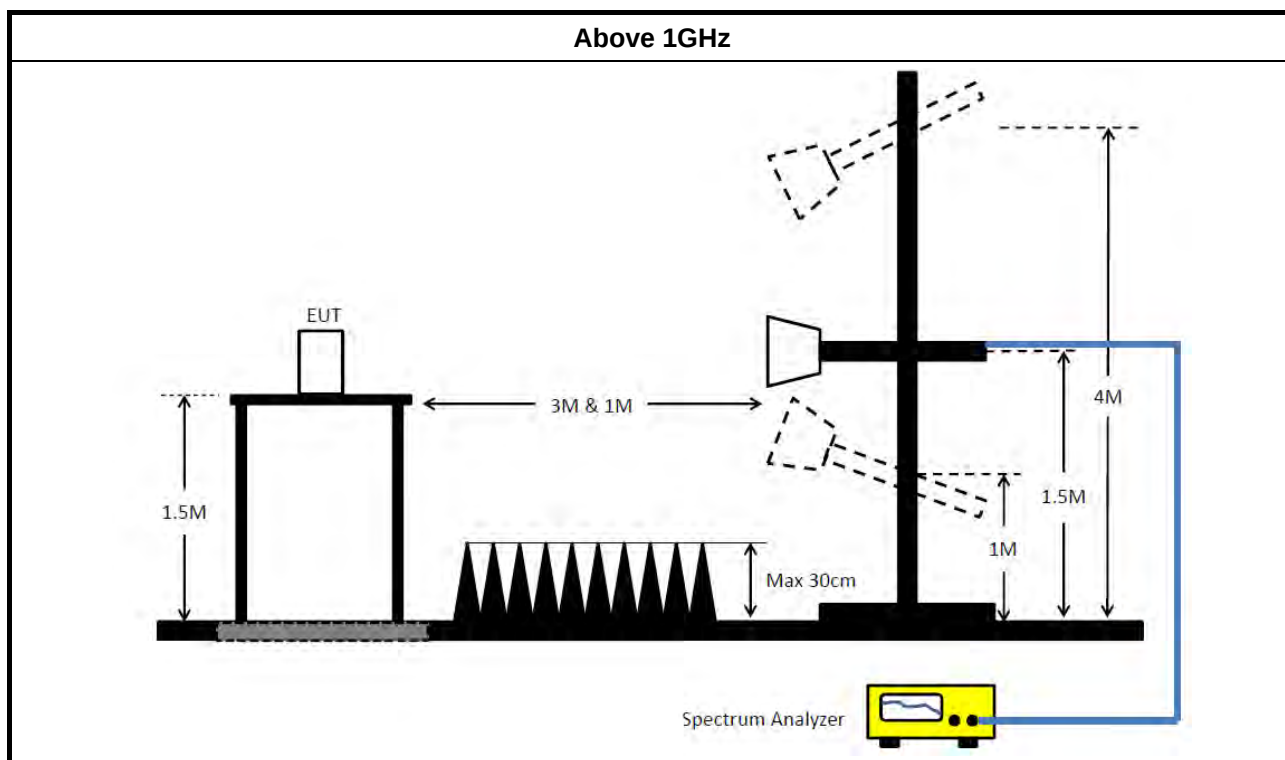
Refer a test equipment and calibration data table in this test report.

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 6.9.2.2 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 FCC KDB 558074, clause 12 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle $\geq 98\%$)
	☐ Refer as FCC KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
	☒ Refer as FCC 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 FCC 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 FCC KDB 558074, clause 13.2 (ANSI C63.10, clause 6.9.3) for marker-delta method for band-edge measurements.
	Refer as FCC 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 FCC 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 FCC 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 Transmitter Radiated Unwanted Emissions (Below 30MHz)

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 Transmitter Radiated Unwanted Emissions

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 23, 2016	Nov. 22, 2017	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 15, 2016	Nov. 14, 2017	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 16, 2017	Jan. 15, 2018	Conduction (CO02-CB)
COND Cable	Woken	Cable	01	0.15MHz ~ 30MHz	Nov. 30, 2016	Nov. 29, 2017	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F	9561-F073	9kHz ~ 30MHz	Sep. 29, 2016	Sep. 28, 2017	Conduction (CO02-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2016	Aug. 29, 2017	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Nov. 09, 2017	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Mar. 15, 2018*	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	May 01, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 25, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz ~ 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz ~ 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz ~ 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)

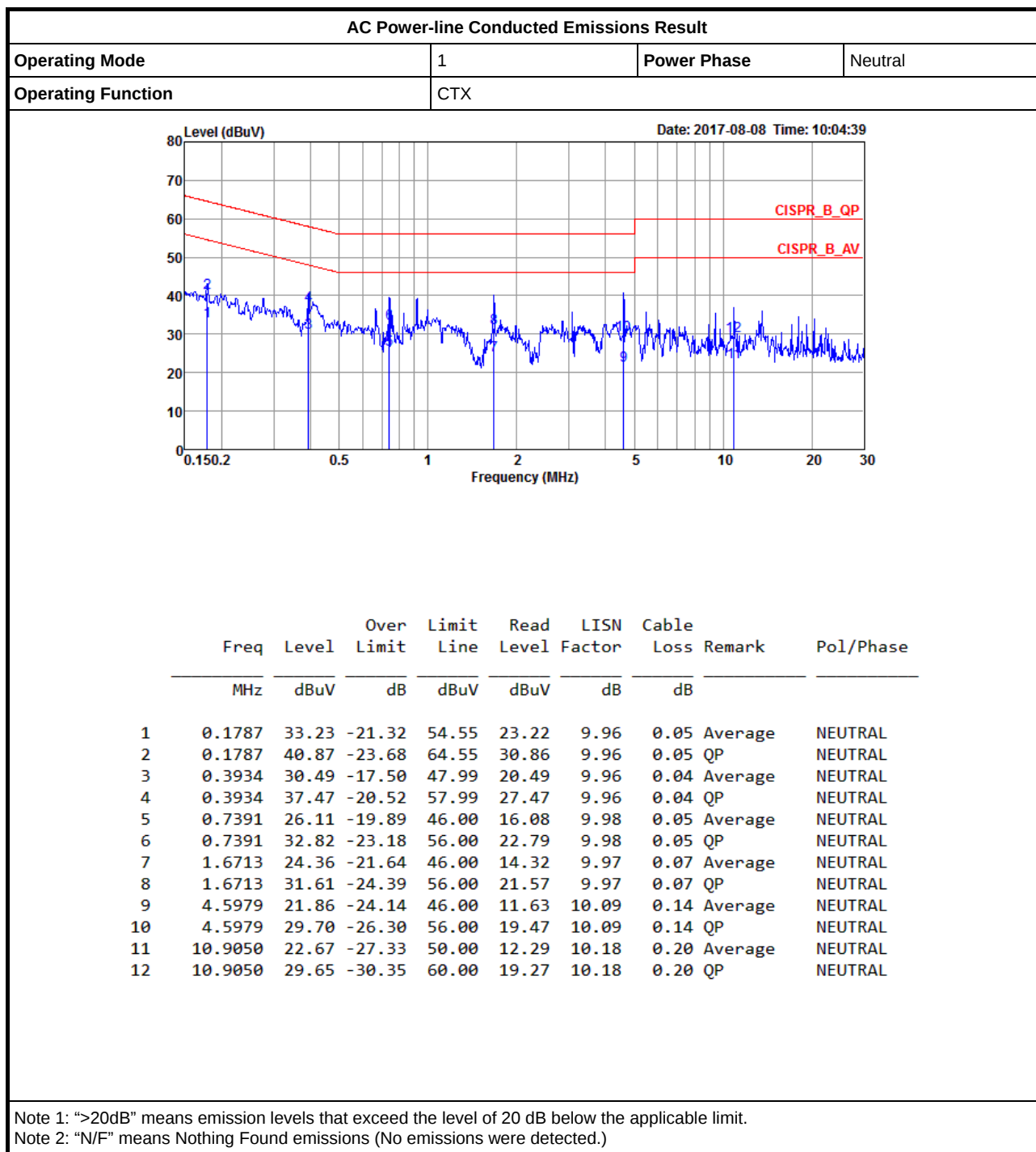


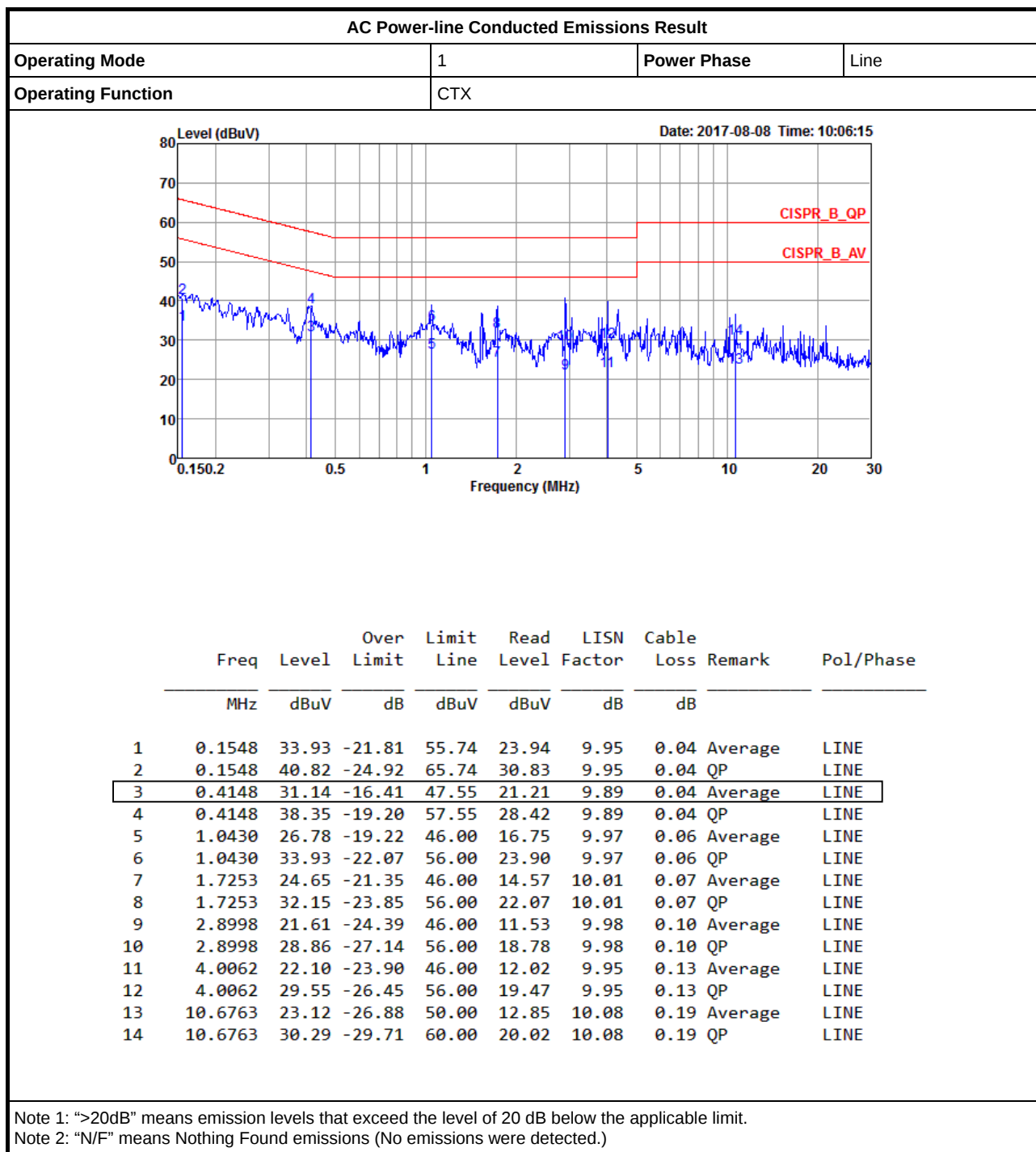
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Nov. 21, 2017	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

“*” Calibration Interval of instruments listed above is two years.

NCR means Non-Calibration required.





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11b_(1Mbps)_2TX	-	-	-	-	-
2.4-2.4835GHz	8M	12.694M	12M7G1D	7.075M	11.269M
802.11g_(6Mbps)_2TX	-	-	-	-	-
2.4-2.4835GHz	15.05M	16.192M	16M2D1D	11.9M	16.167M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
2.4-2.4835GHz	15.025M	17.341M	17M3D1D	11.5M	17.216M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
2.4-2.4835GHz	33.1M	35.782M	35M8D1D	25.1M	35.532M

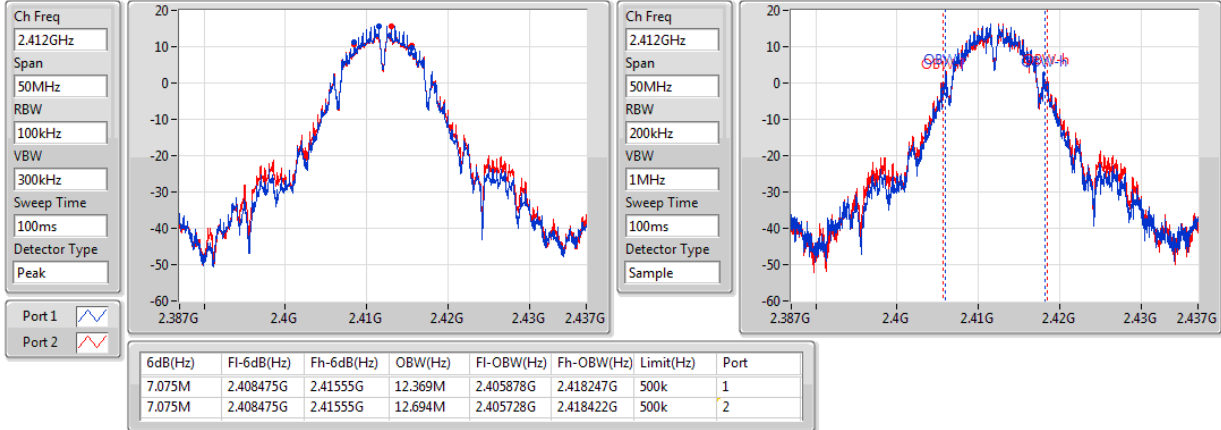
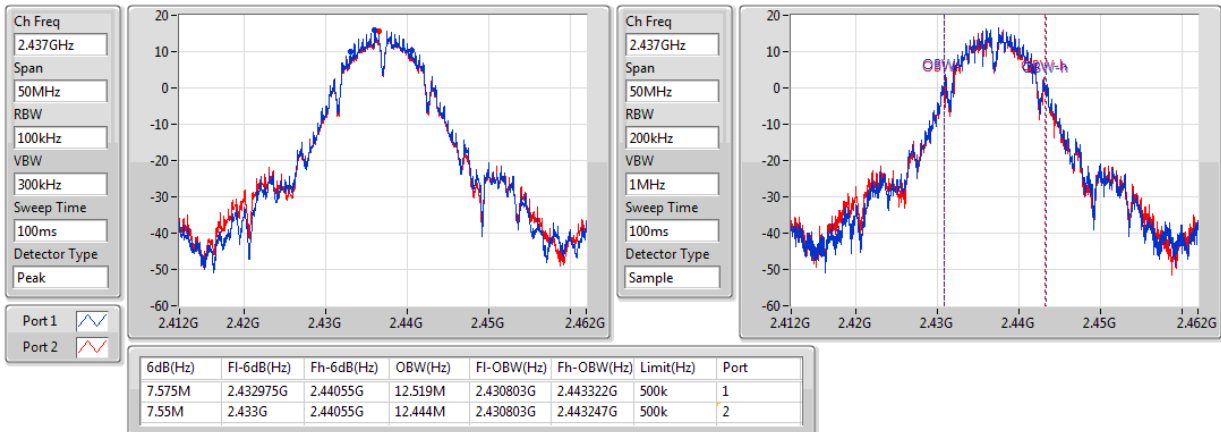
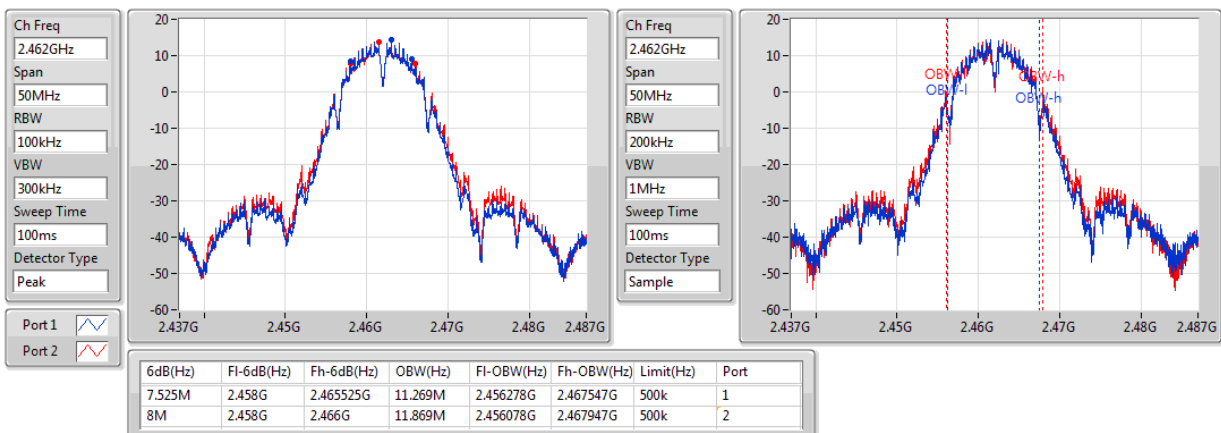
Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

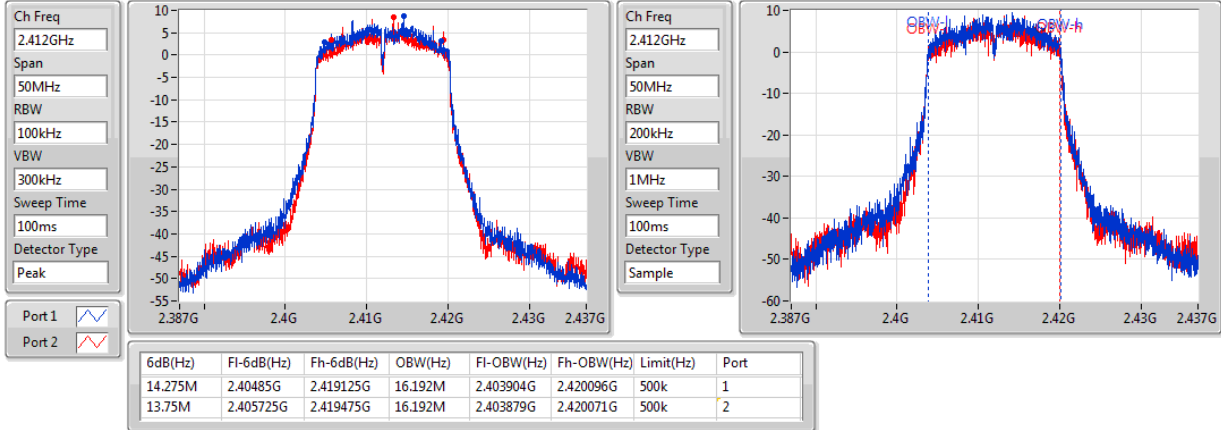
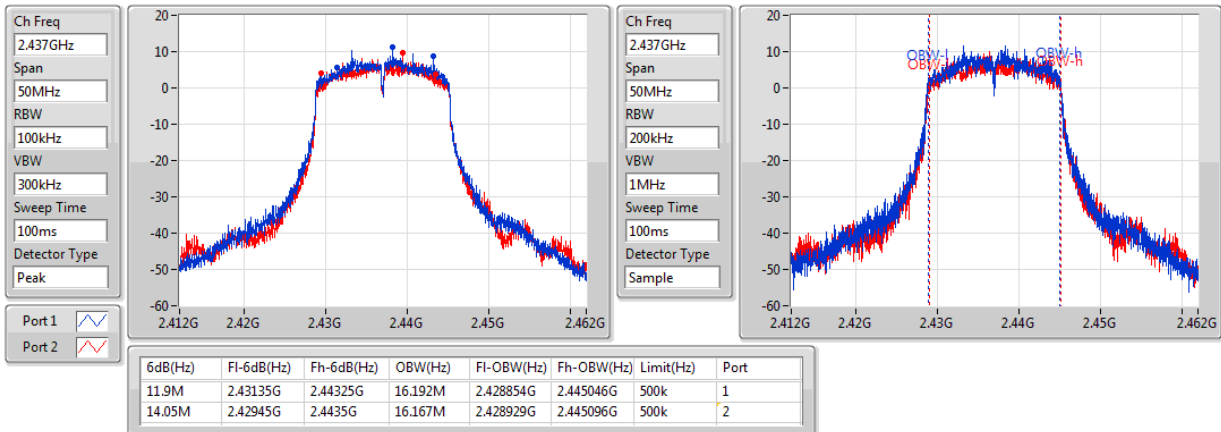
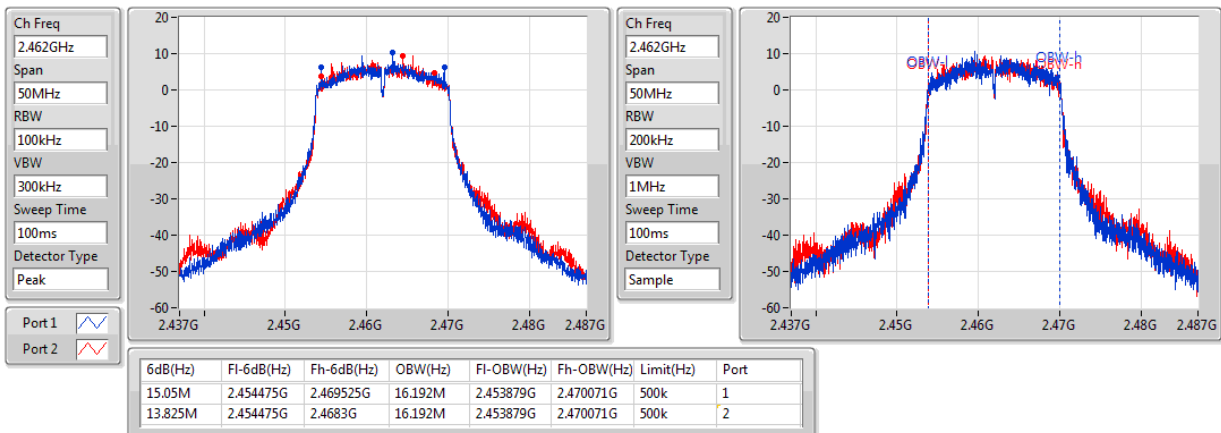
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

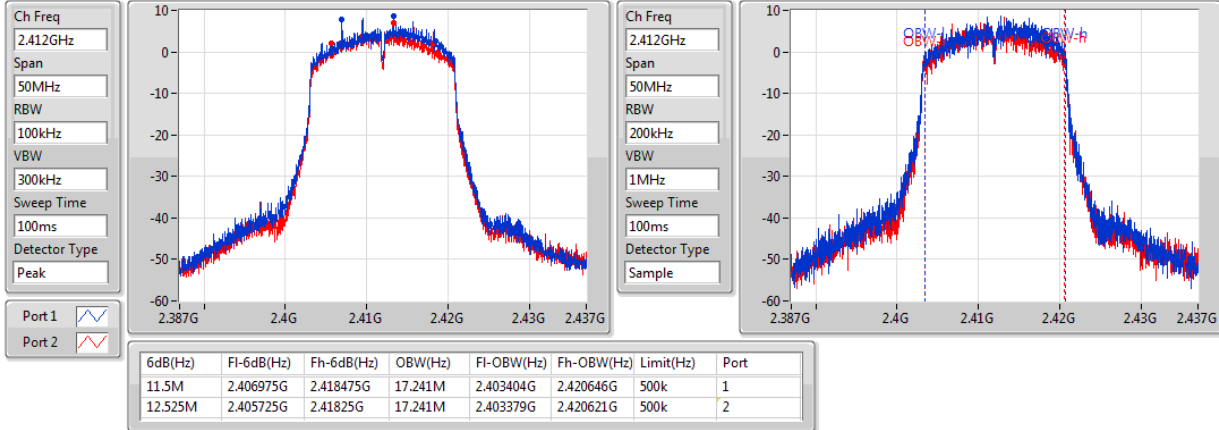
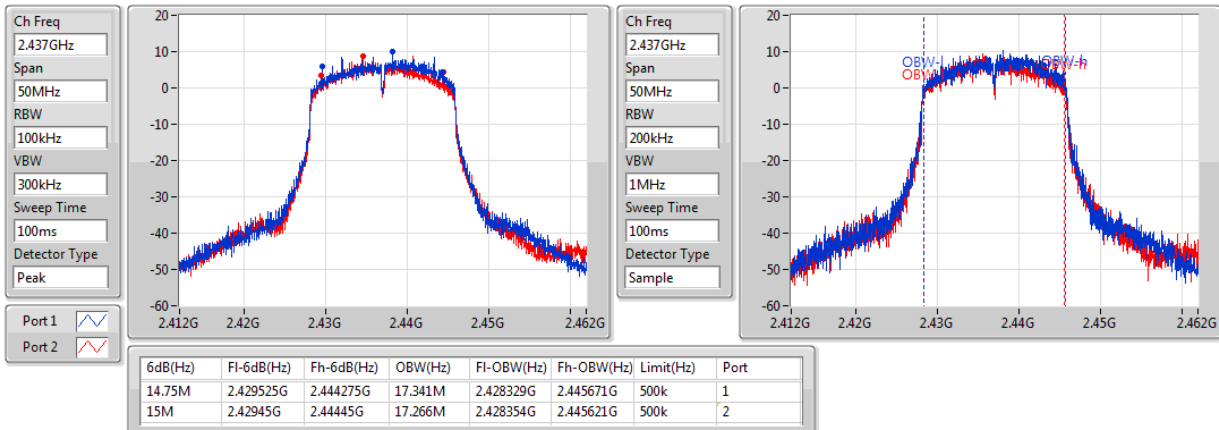
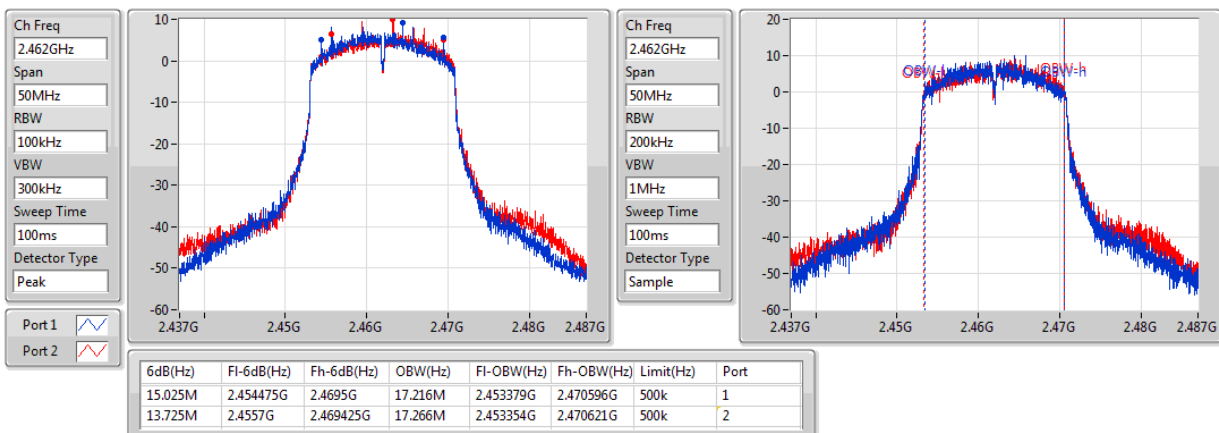
Result

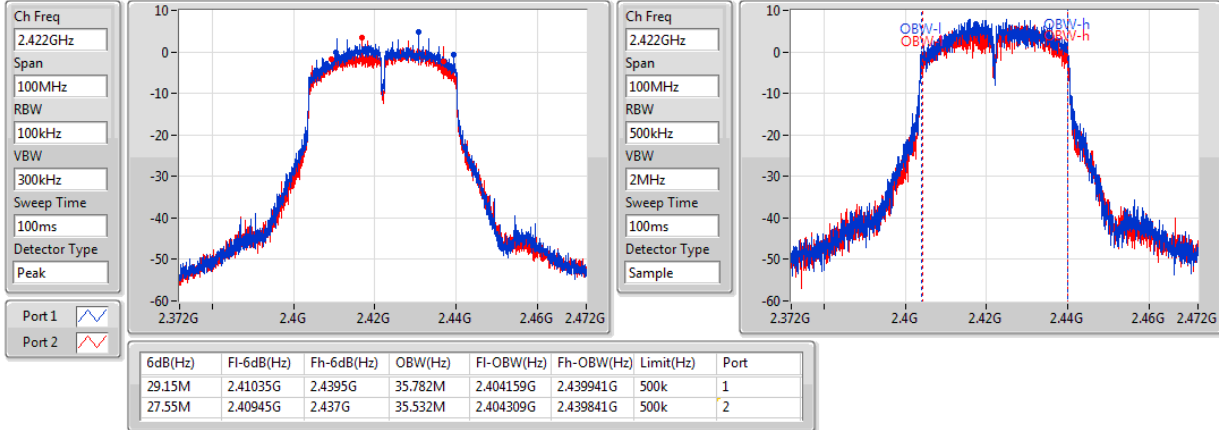
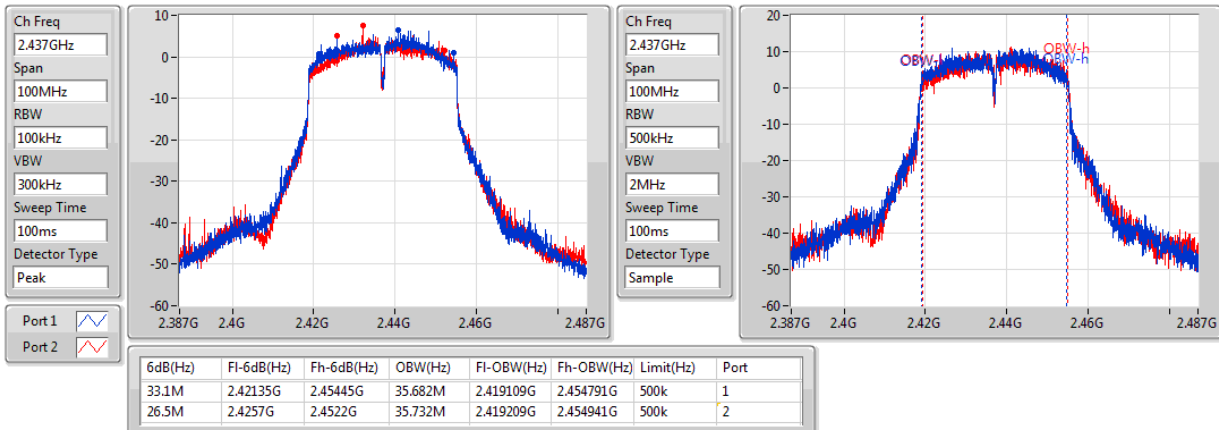
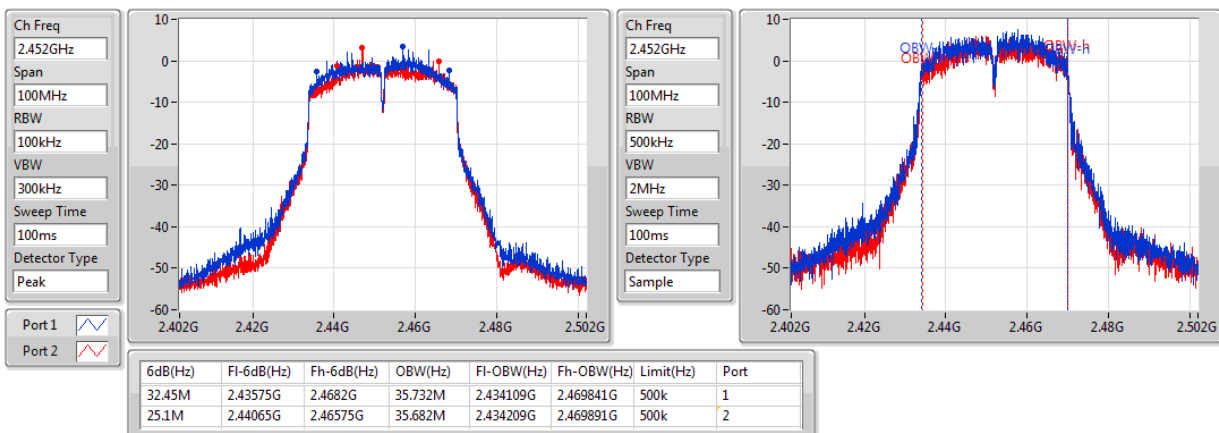
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	12.369M	7.075M	12.694M
2437MHz	Pass	500k	7.575M	12.519M	7.55M	12.444M
2462MHz	Pass	500k	7.525M	11.269M	8M	11.869M
802.11g_(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.275M	16.192M	13.75M	16.192M
2437MHz	Pass	500k	11.9M	16.192M	14.05M	16.167M
2462MHz	Pass	500k	15.05M	16.192M	13.825M	16.192M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	11.5M	17.241M	12.525M	17.241M
2437MHz	Pass	500k	14.75M	17.341M	15M	17.266M
2462MHz	Pass	500k	15.025M	17.216M	13.725M	17.266M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	29.15M	35.782M	27.55M	35.532M
2437MHz	Pass	500k	33.1M	35.682M	26.5M	35.732M
2452MHz	Pass	500k	32.45M	35.732M	25.1M	35.682M

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

802.11b_(1Mbps)_2TX
EBW
2412MHz

802.11b_(1Mbps)_2TX
EBW
2437MHz

802.11b_(1Mbps)_2TX
EBW
2462MHz


802.11g_(6Mbps)_2TX
EBW
2412MHz

802.11g_(6Mbps)_2TX
EBW
2437MHz

802.11g_(6Mbps)_2TX
EBW
2462MHz


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz


Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_(1Mbps)_2TX	-	-
2.4-2.4835GHz	27.90	0.61660
802.11g_(6Mbps)_2TX	-	-
2.4-2.4835GHz	27.87	0.61235
802.11n HT20_Nss1,(MCS0)_2TX	-	-
2.4-2.4835GHz	27.82	0.60534
802.11n HT40_Nss1,(MCS0)_2TX	-	-
2.4-2.4835GHz	23.71	0.23496

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	12.00	22.09	21.59	24.86	28.00
2437MHz	Pass	12.00	25.14	24.63	27.90	28.00
2462MHz	Pass	12.00	24.03	23.56	26.81	28.00
802.11g_(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	12.00	19.77	19.52	22.66	28.00
2437MHz	Pass	12.00	25.06	24.65	27.87	28.00
2462MHz	Pass	12.00	19.91	19.79	22.86	28.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	12.00	19.13	18.75	21.95	28.00
2437MHz	Pass	12.00	24.97	24.64	27.82	28.00
2462MHz	Pass	12.00	19.35	19.05	22.21	28.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	12.00	17.73	17.56	20.66	28.00
2437MHz	Pass	12.00	20.88	20.51	23.71	28.00
2452MHz	Pass	12.00	16.43	15.99	19.23	28.00

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

Summary

Mode	PD (dBm/RBW)
802.11b_(1Mbps)_2TX	-
2.4-2.4835GHz	2.47
802.11g_(6Mbps)_2TX	-
2.4-2.4835GHz	1.82
802.11n HT20_Nss1,(MCS0)_2TX	-
2.4-2.4835GHz	0.69
802.11n HT40_Nss1,(MCS0)_2TX	-
2.4-2.4835GHz	-5.96

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	15.01	-1.62	-2.06	-0.66	5.00
2437MHz	Pass	15.01	1.67	1.55	2.47	5.00
2462MHz	Pass	15.01	-0.09	-1.23	0.74	5.00
802.11g_(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	15.01	-5.16	-6.23	-4.13	5.00
2437MHz	Pass	15.01	-0.01	-1.10	1.82	5.00
2462MHz	Pass	15.01	-4.80	-5.12	-2.96	5.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	15.01	-5.54	-6.86	-4.47	5.00
2437MHz	Pass	15.01	-0.37	-1.19	0.69	5.00
2462MHz	Pass	15.01	-5.79	-5.90	-4.04	5.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	15.01	-10.68	-11.35	-9.32	5.00
2437MHz	Pass	15.01	-6.91	-7.48	-5.96	5.00
2452MHz	Pass	15.01	-12.12	-12.57	-10.53	5.00

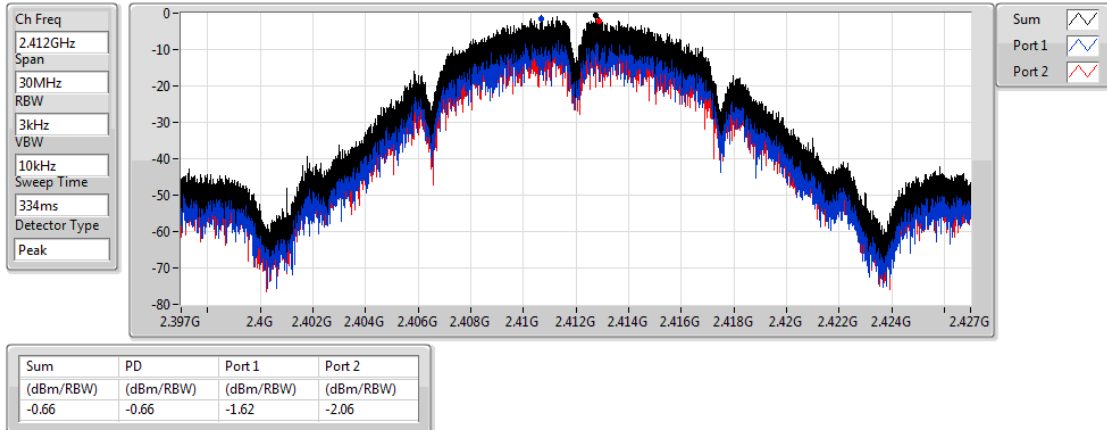
DG = Directional Gain; RBW=3kHz;

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

802.11b_(1Mbps)_2TX

PSD

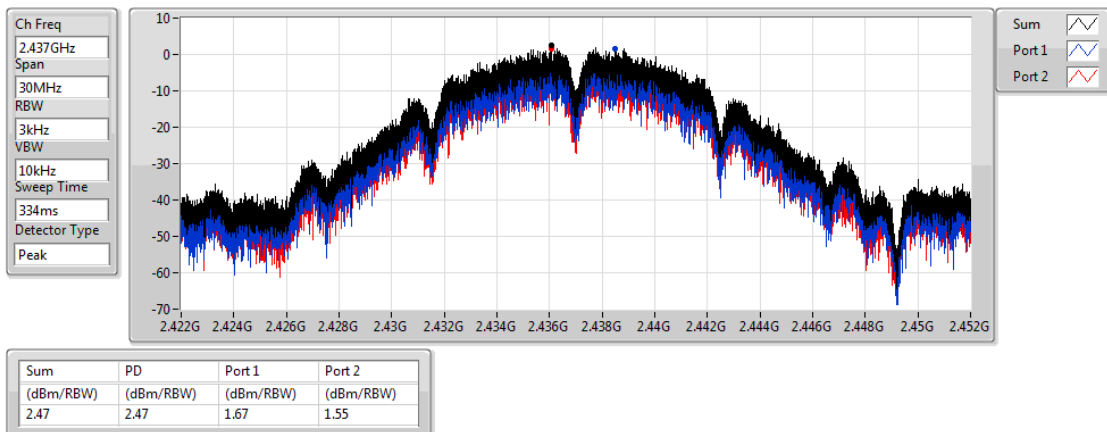
2412MHz



802.11b_(1Mbps)_2TX

PSD

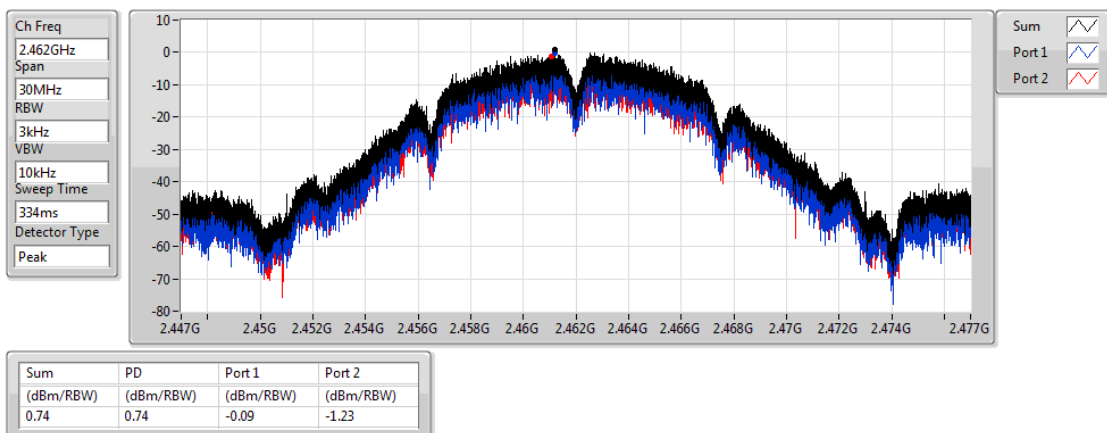
2437MHz



802.11b_(1Mbps)_2TX

PSD

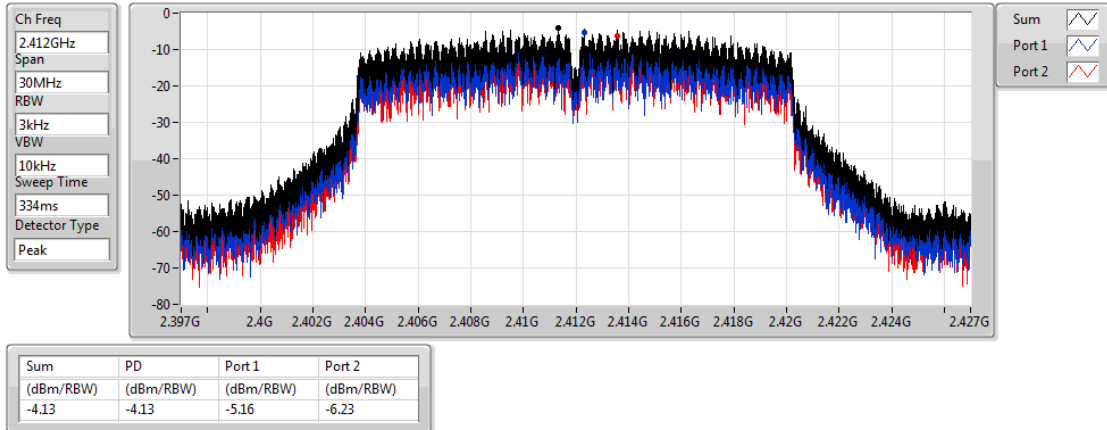
2462MHz



802.11g_(6Mbps)_2TX

PSD

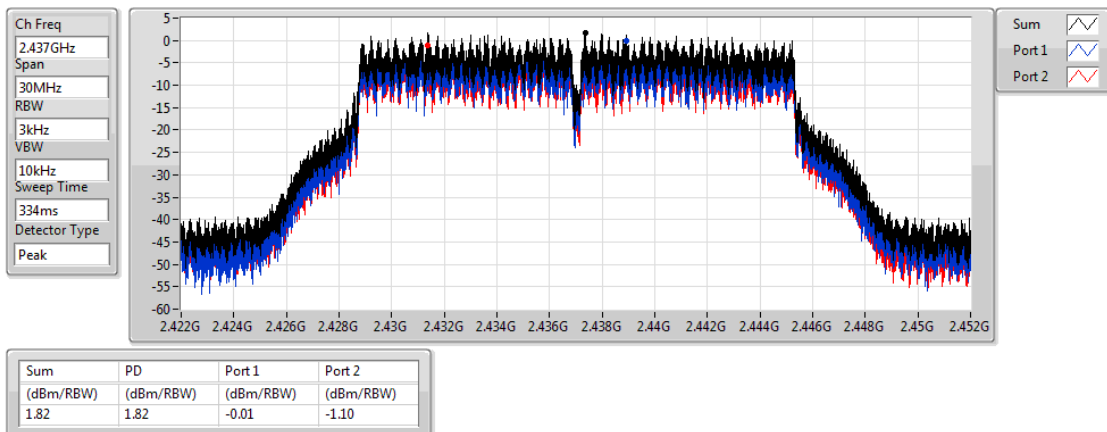
2412MHz



802.11g_(6Mbps)_2TX

PSD

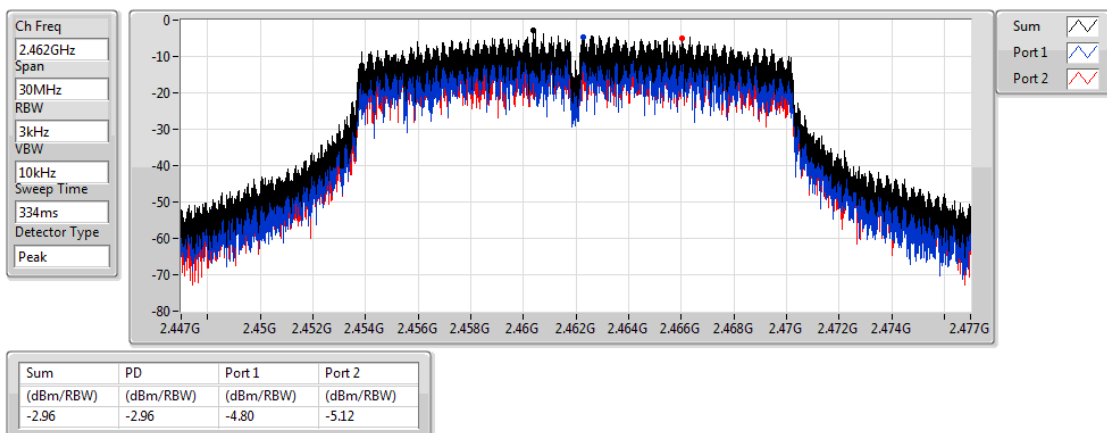
2437MHz



802.11g_(6Mbps)_2TX

PSD

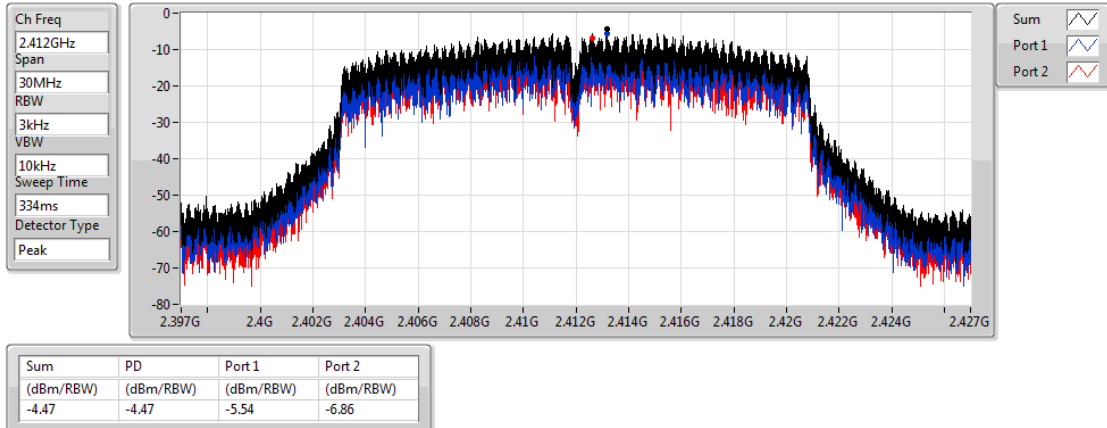
2462MHz



802.11n HT20_Nss1,(MCS0)_2TX

PSD

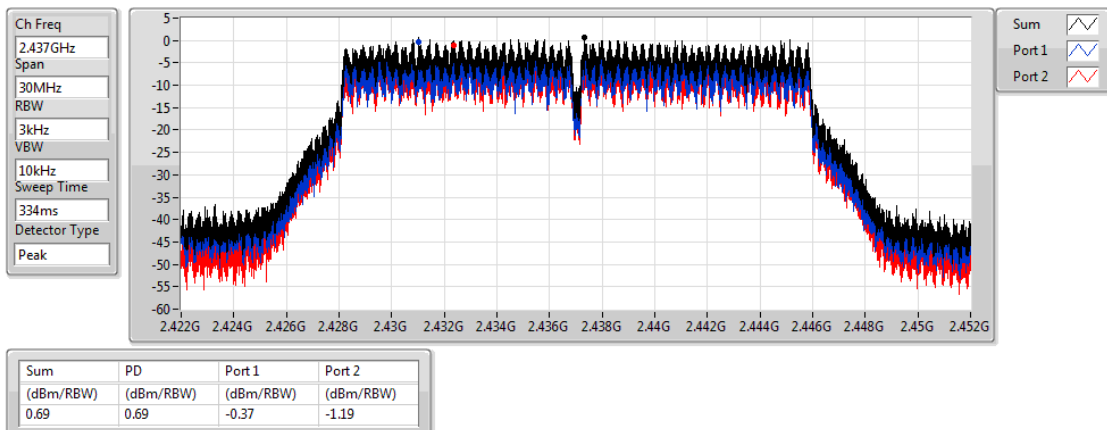
2412MHz



802.11n HT20_Nss1,(MCS0)_2TX

PSD

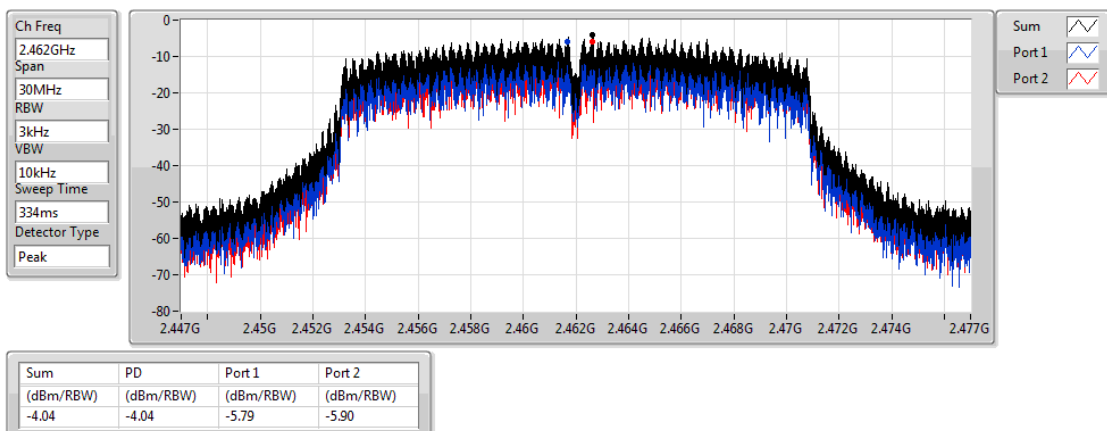
2437MHz



802.11n HT20_Nss1,(MCS0)_2TX

PSD

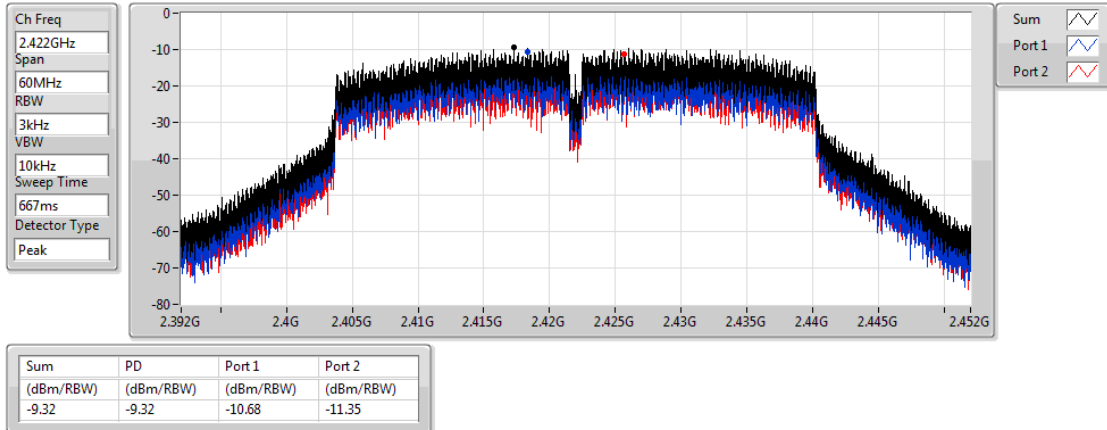
2462MHz



802.11n HT40_Nss1,(MCS0)_2TX

PSD

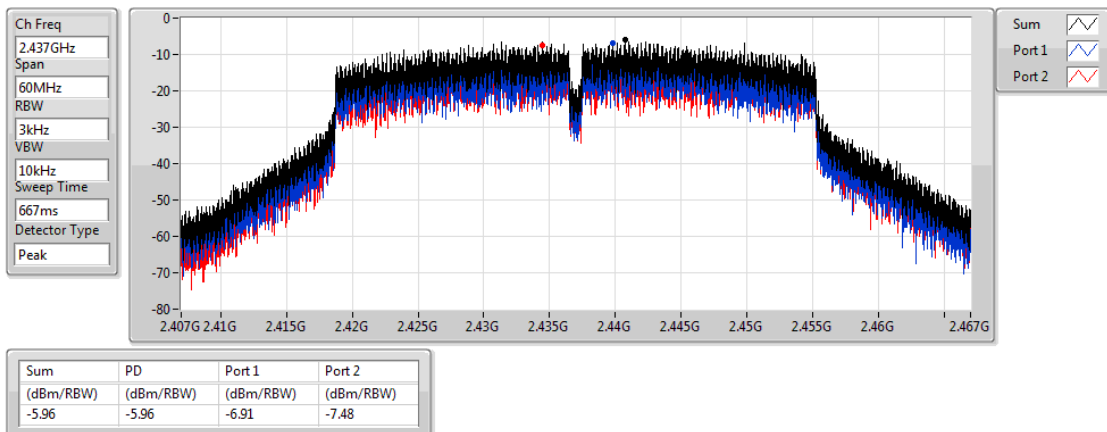
2422MHz



802.11n HT40_Nss1,(MCS0)_2TX

PSD

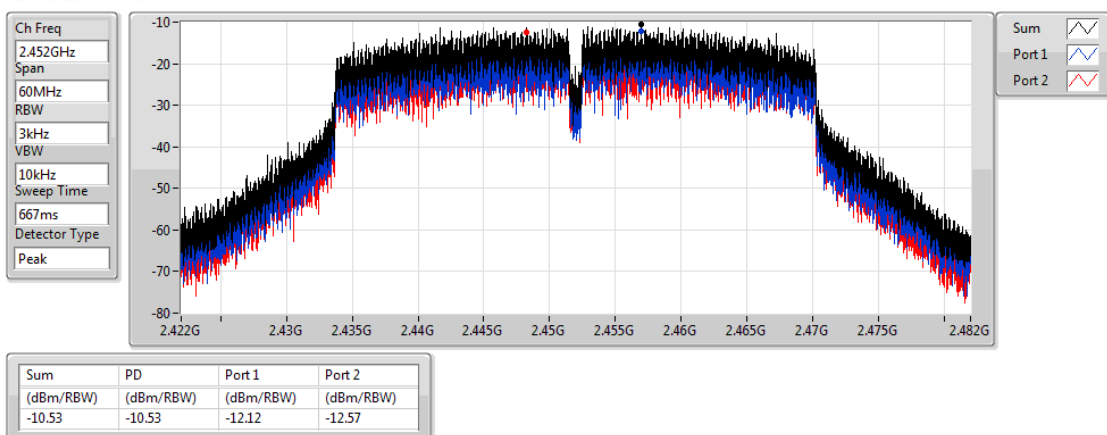
2437MHz



802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.430728G	14.34	-15.66	1.93827G	-57.85	2.39792G	-25.88	2.49358G	-54.12	6.968228G	-50.47	1

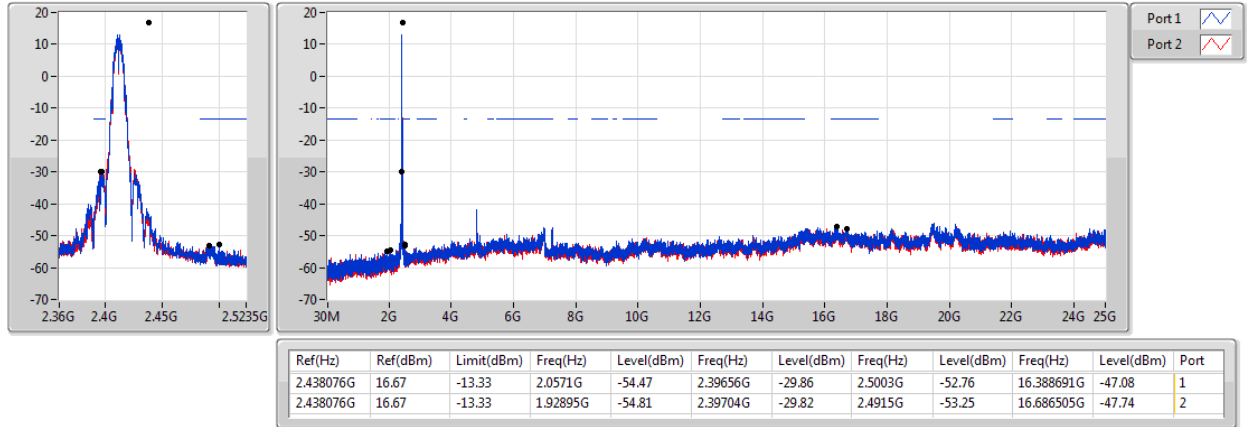
Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.438076G	16.67	-13.33	2.0571G	-54.47	2.39656G	-29.86	2.5003G	-52.76	16.388691G	-47.08	1
2412MHz	Pass	2.438076G	16.67	-13.33	1.92895G	-54.81	2.39704G	-29.82	2.4915G	-53.25	16.686505G	-47.74	2
2437MHz	Pass	2.438076G	16.67	-13.33	668.42M	-56.17	2.398G	-39.55	2.48542G	-48.84	6.959799G	-50.06	1
2437MHz	Pass	2.438076G	16.67	-13.33	668.42M	-54.62	2.39808G	-45.18	2.5179G	-50.68	6.999133G	-50.62	2
2462MHz	Pass	2.438076G	16.67	-13.33	2.172435G	-54.90	2.39296G	-52.78	2.48846G	-37.76	16.405548G	-46.39	1
2462MHz	Pass	2.438076G	16.67	-13.33	1.624885G	-55.61	2.39608G	-53.95	2.48798G	-38.73	16.647171G	-46.48	2
802.11g_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.430728G	15.55	-14.45	2.30175G	-57.24	2.39672G	-26.76	2.48734G	-54.61	7.226708G	-50.58	1
2412MHz	Pass	2.430728G	15.55	-14.45	1.83342G	-55.00	2.39736G	-29.07	2.49294G	-51.36	16.723029G	-46.99	2
2437MHz	Pass	2.430728G	15.55	-14.45	2.30408G	-54.44	2.39792G	-25.04	2.48734G	-31.92	2.5235G	-45.61	1
2437MHz	Pass	2.430728G	15.55	-14.45	2.11302G	-54.34	2.39456G	-24.83	2.48486G	-32.32	15.349153G	-47.21	2
2462MHz	Pass	2.430728G	15.55	-14.45	2.307575G	-56.52	2.3964G	-46.13	2.4839G	-31.62	6.985085G	-50.65	1
2462MHz	Pass	2.430728G	15.55	-14.45	2.305245G	-55.13	2.39792G	-44.41	2.4839G	-31.80	16.678076G	-47.01	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.430728G	14.34	-15.66	1.93827G	-57.85	2.39792G	-25.88	2.49358G	-54.12	6.968228G	-50.47	1
2412MHz	Pass	2.430728G	14.34	-15.66	2.30874G	-54.27	2.39328G	-27.71	2.48582G	-53.35	16.672457G	-46.89	2
2437MHz	Pass	2.430728G	14.34	-15.66	2.307575G	-55.94	2.39704G	-26.06	2.48734G	-34.90	2.534738G	-48.01	1
2437MHz	Pass	2.430728G	14.34	-15.66	2.19457G	-55.02	2.39608G	-30.39	2.48542G	-37.26	16.369024G	-46.59	2
2462MHz	Pass	2.430728G	14.34	-15.66	2.12933G	-58.53	2.39576G	-49.26	2.48446G	-35.03	6.973847G	-51.42	1
2462MHz	Pass	2.430728G	14.34	-15.66	1.97089G	-54.58	2.39712G	-44.74	2.48406G	-35.45	16.383072G	-46.49	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.432064G	6.54	-23.46	2.064665G	-58.37	2.39632G	-35.36	2.55742G	-48.95	6.806803G	-52.07	1
2422MHz	Pass	2.432064G	6.54	-23.46	39.16M	-56.98	2.39648G	-37.14	2.48526G	-52.99	2.597155G	-46.08	2
2437MHz	Pass	2.432064G	6.54	-23.46	2.174585G	-58.15	2.39632G	-42.35	2.55774G	-48.67	6.801194G	-52.58	1
2437MHz	Pass	2.432064G	6.54	-23.46	30M	-56.30	2.3936G	-41.59	2.48814G	-46.67	2.611178G	-47.17	2
2452MHz	Pass	2.432064G	6.54	-23.46	2.149395G	-56.09	2.39456G	-55.07	2.48542G	-45.27	6.941422G	-51.93	1
2452MHz	Pass	2.432064G	6.54	-23.46	587.615M	-55.45	2.39056G	-56.44	2.48526G	-45.84	2.6252G	-49.12	2

802.11b_(1Mbps)_2TX

CSE NdB

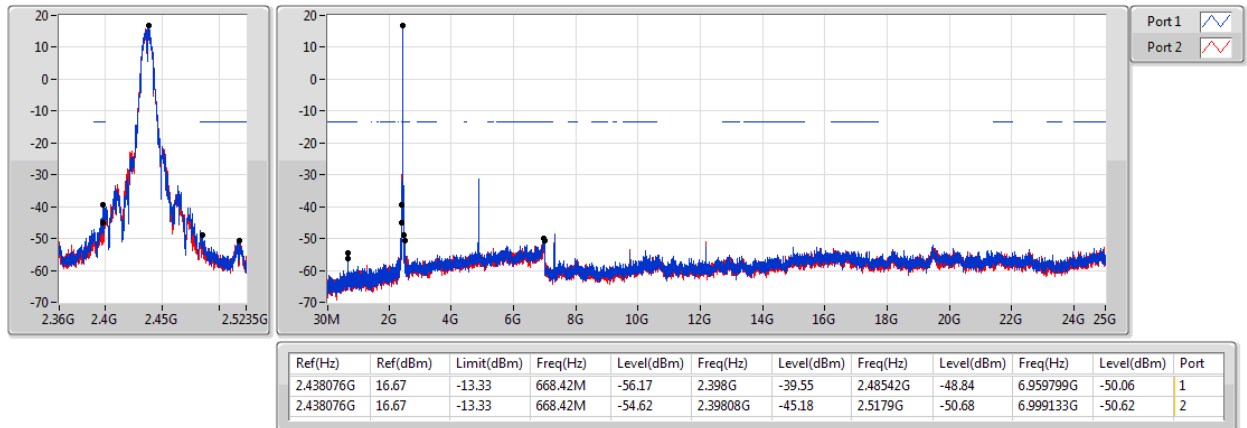
2412MHz



802.11b_(1Mbps)_2TX

CSE NdB

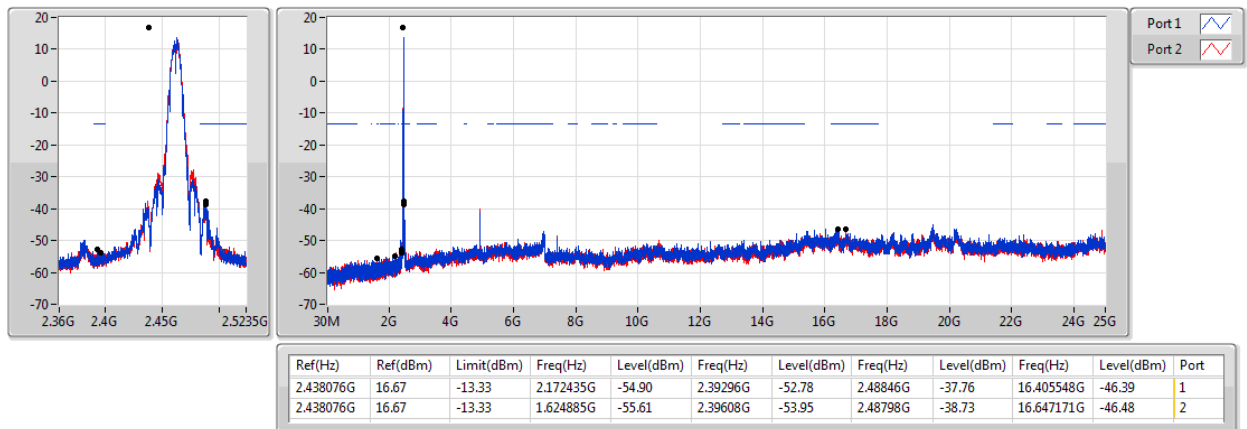
2437MHz



802.11b_(1Mbps)_2TX

CSE NdB

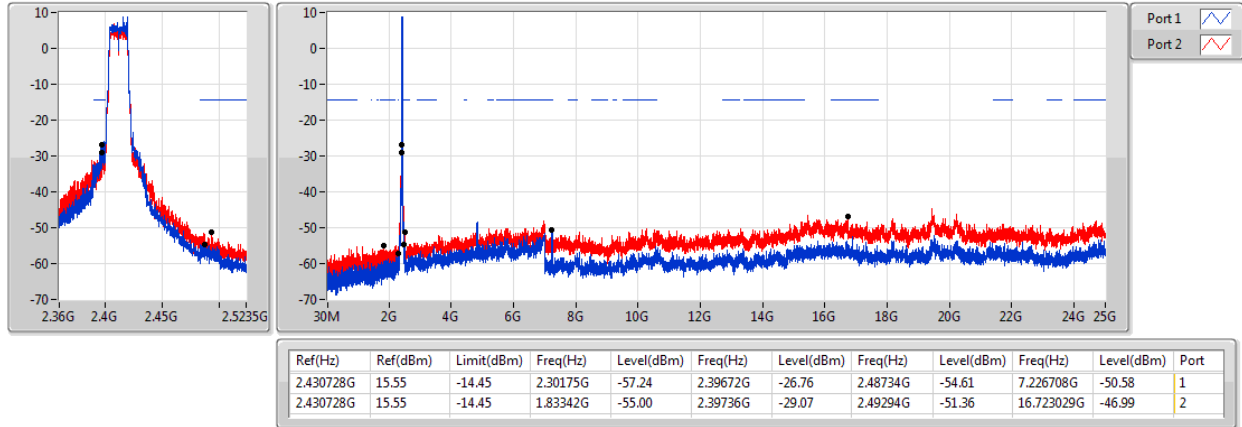
2462MHz



802.11g_(6Mbps)_2TX

CSE NdB

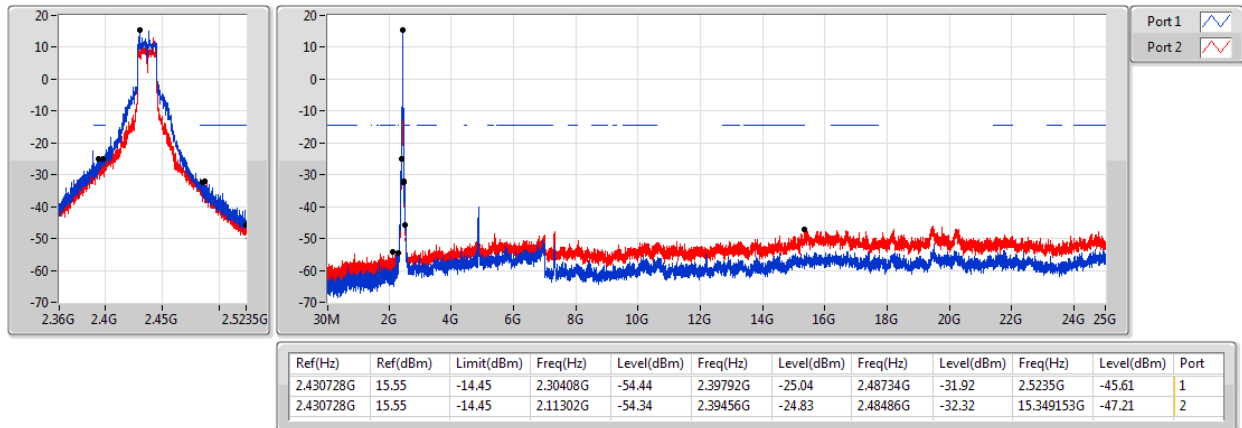
2412MHz



802.11g_(6Mbps)_2TX

CSE NdB

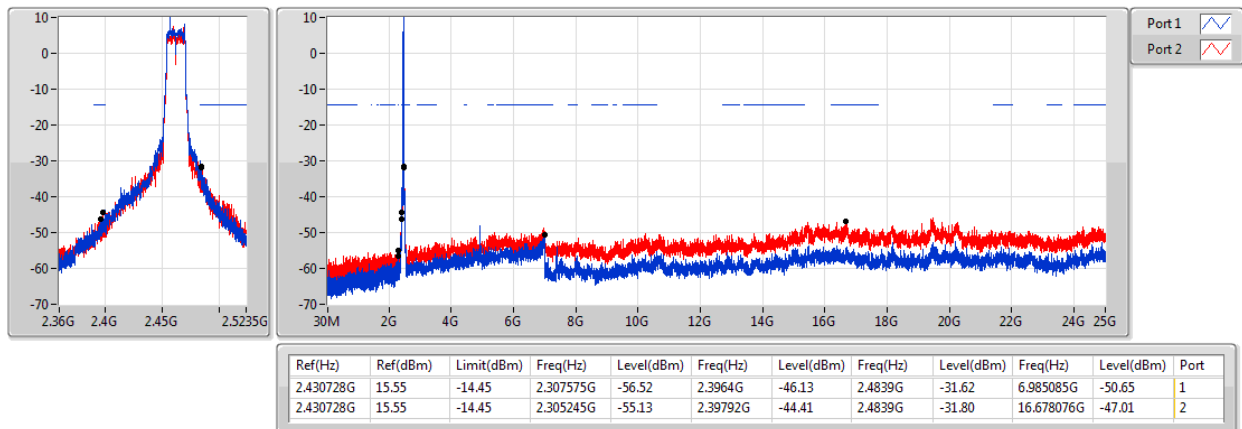
2437MHz



802.11g_(6Mbps)_2TX

CSE NdB

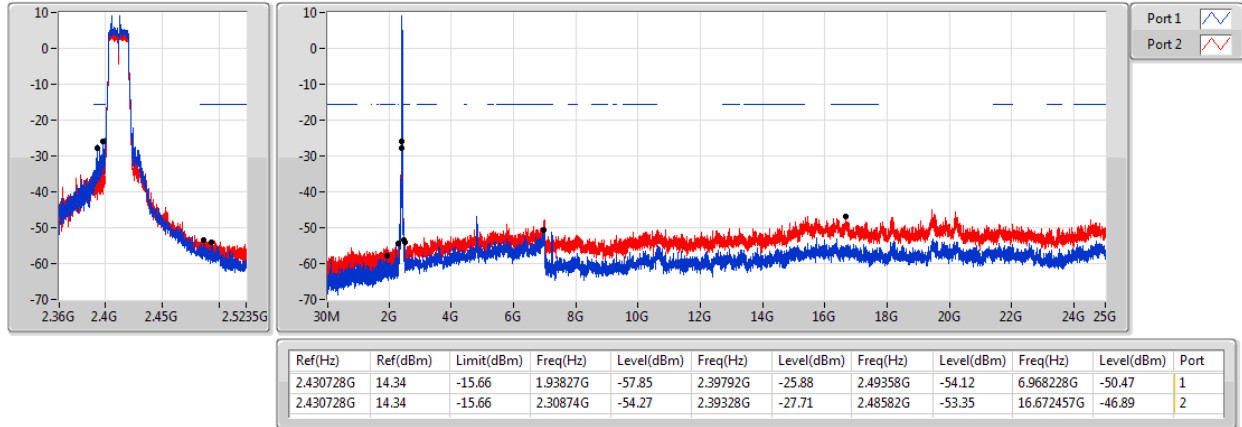
2462MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

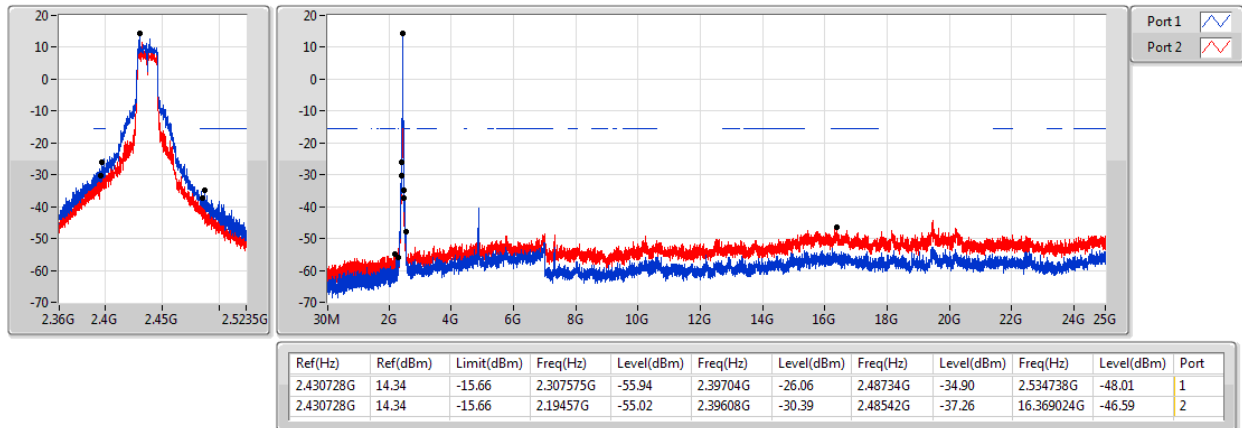
2412MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

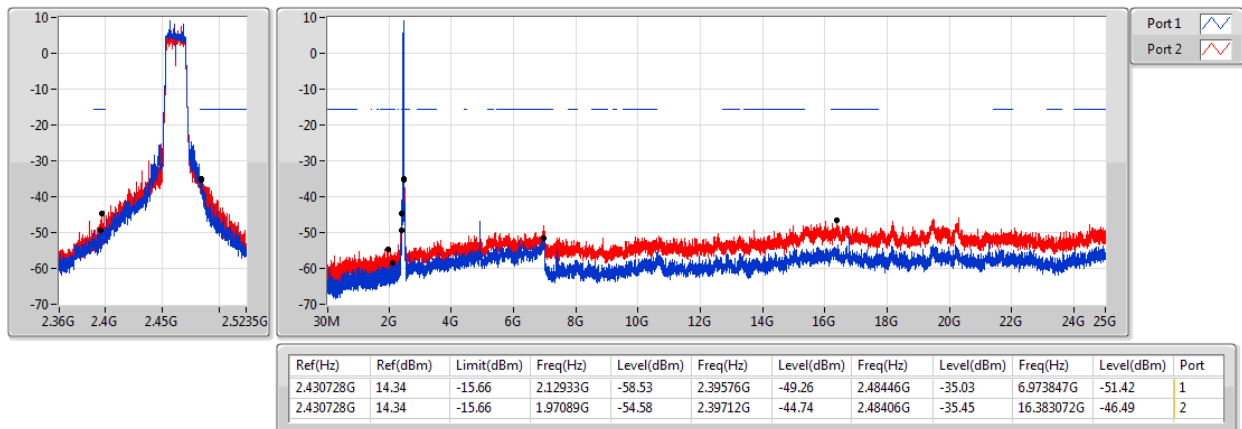
2437MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

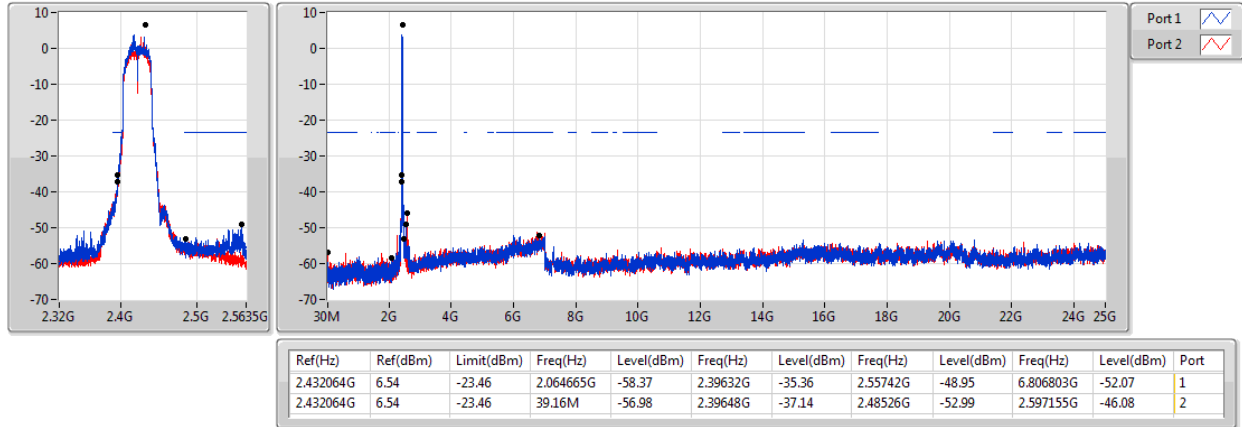
2462MHz



802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

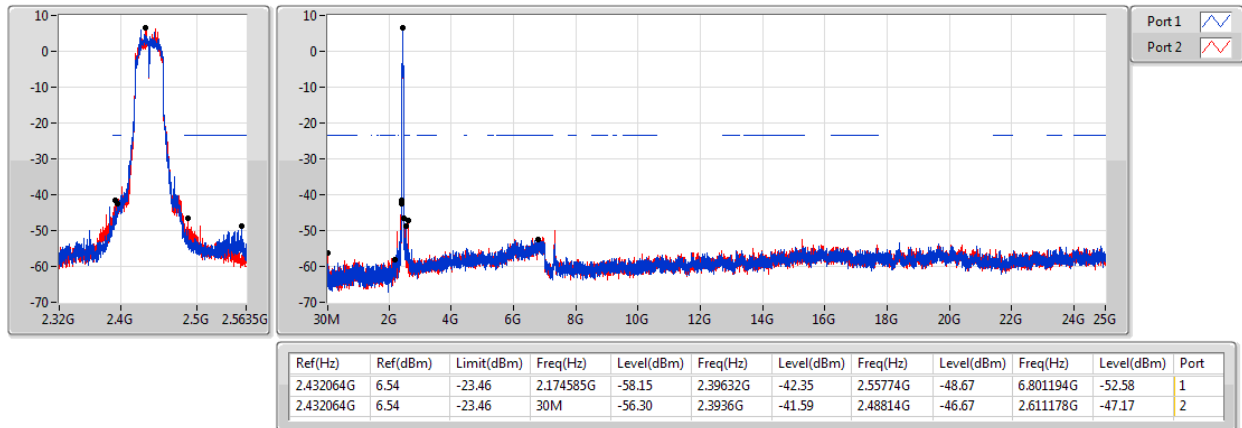
2422MHz



802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

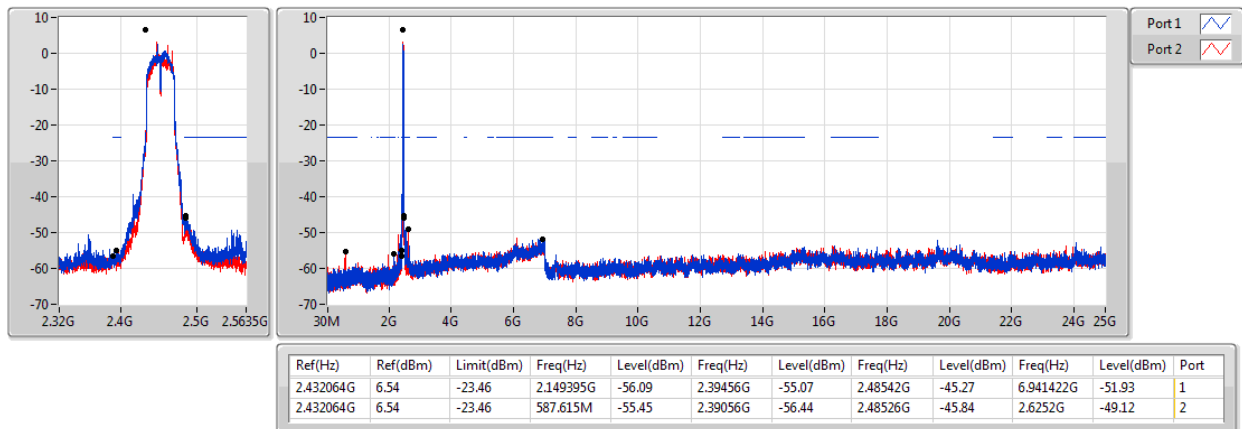
2437MHz

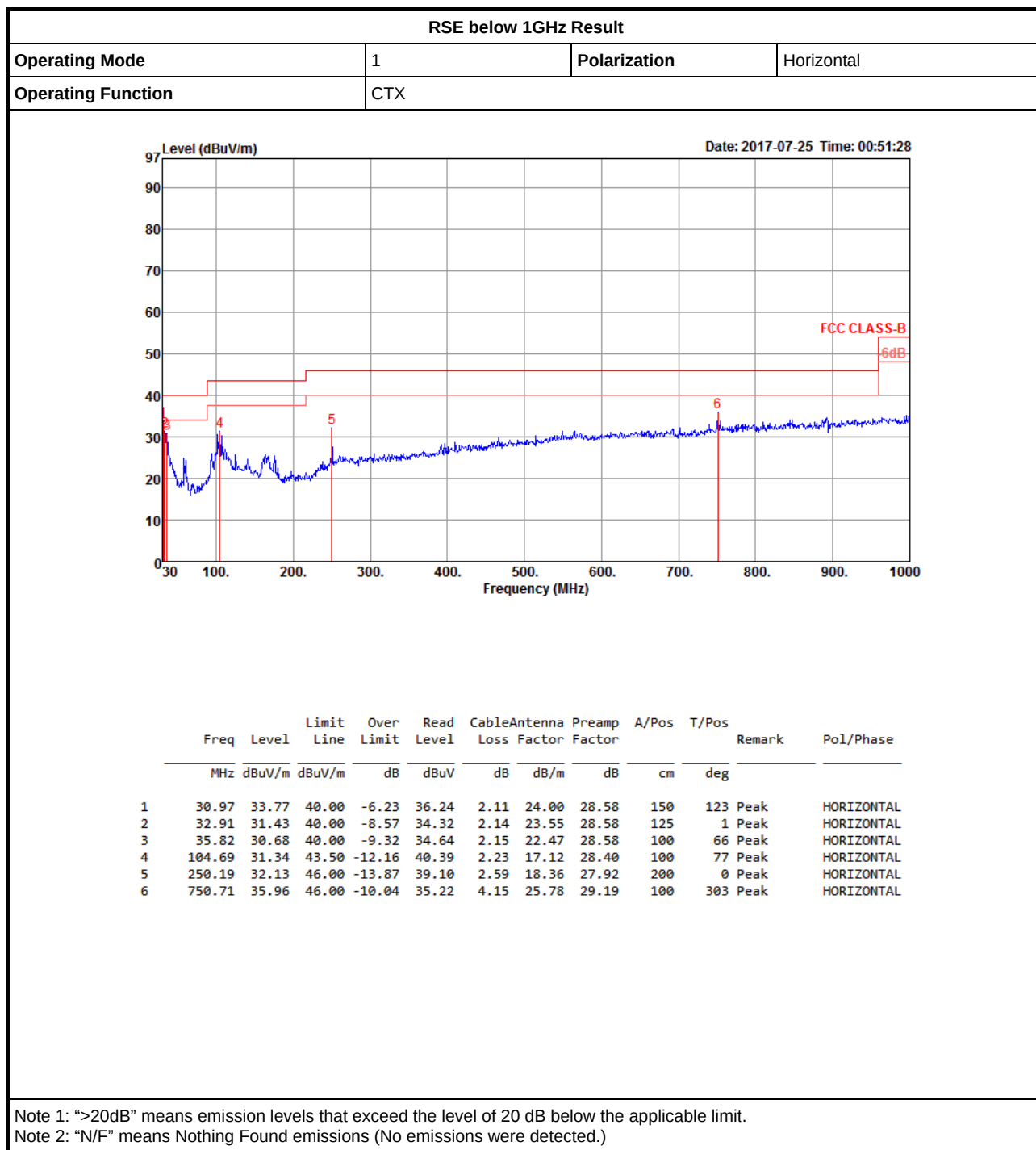


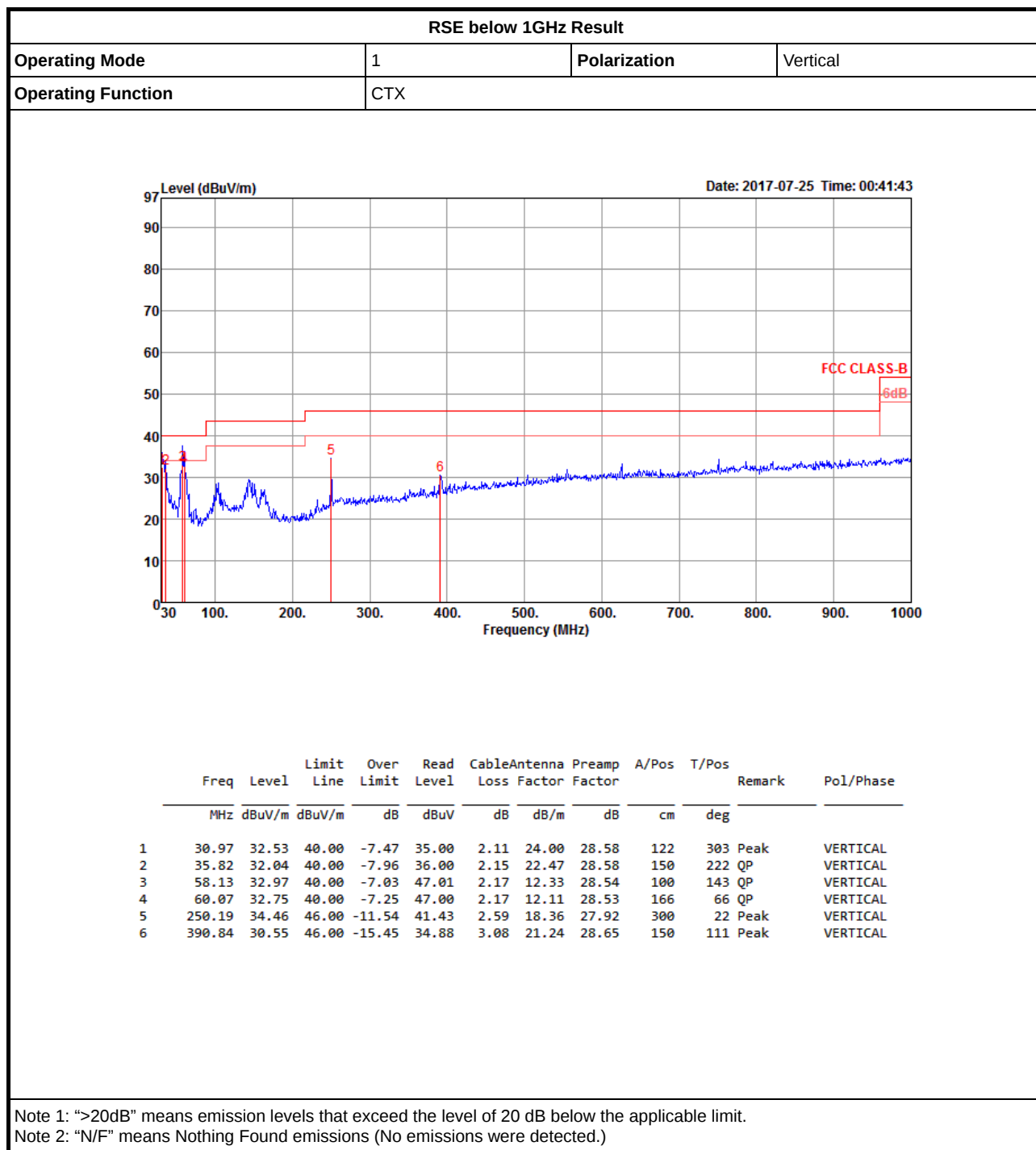
802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2452MHz









RSE TX above 1GHz Result (Harmonics and Band Edge Emission)

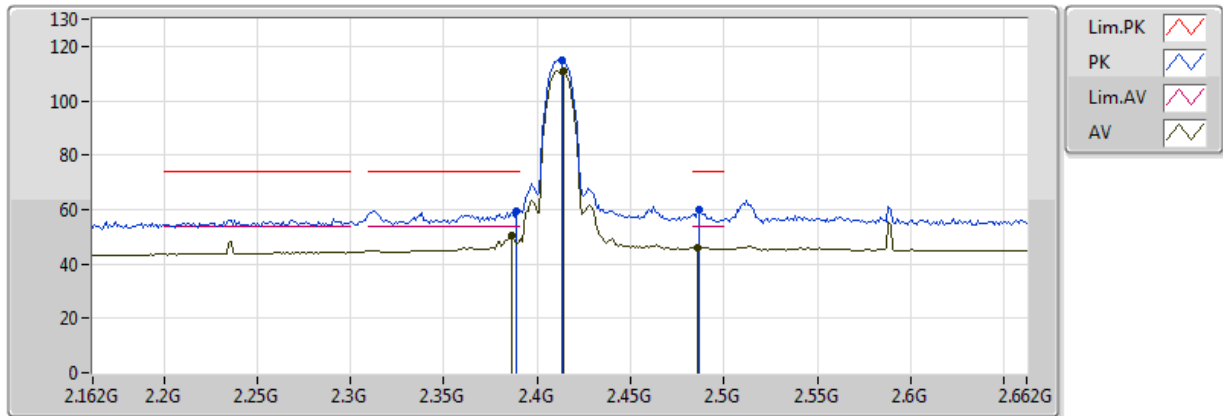
Appendix F.2

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
802.11g_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.483502G	53.95	54.00	-0.05	32.14	3	V	181	1.43	-

802.11b_(1Mbps)_2TX

2412MHz_TX

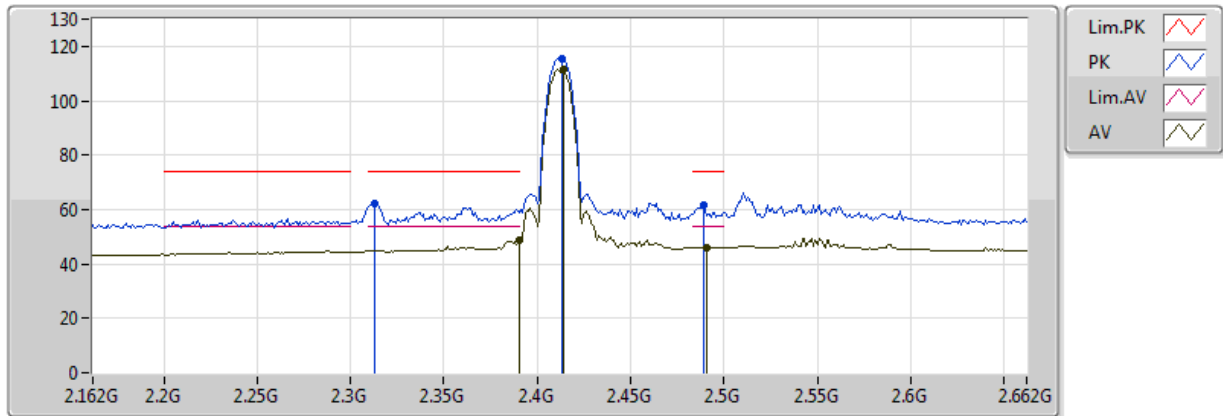


201710712
 EUT Y_2TX
 Setting 22.5
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.386G	50.47	54.00	-3.53	31.90	3	V	167	1.62	-
AV	2.414G	111.08	Inf	-Inf	31.97	3	V	167	1.62	-
AV	2.486G	46.00	54.00	-8.00	32.15	3	V	167	1.62	-
PK	2.389G	59.37	74.00	-14.63	31.91	3	V	167	1.62	-
PK	2.413G	115.07	Inf	-Inf	31.97	3	V	167	1.62	-
PK	2.487G	59.70	74.00	-14.30	32.15	3	V	167	1.62	-

802.11b_(1Mbps)_2TX

2412MHz_TX

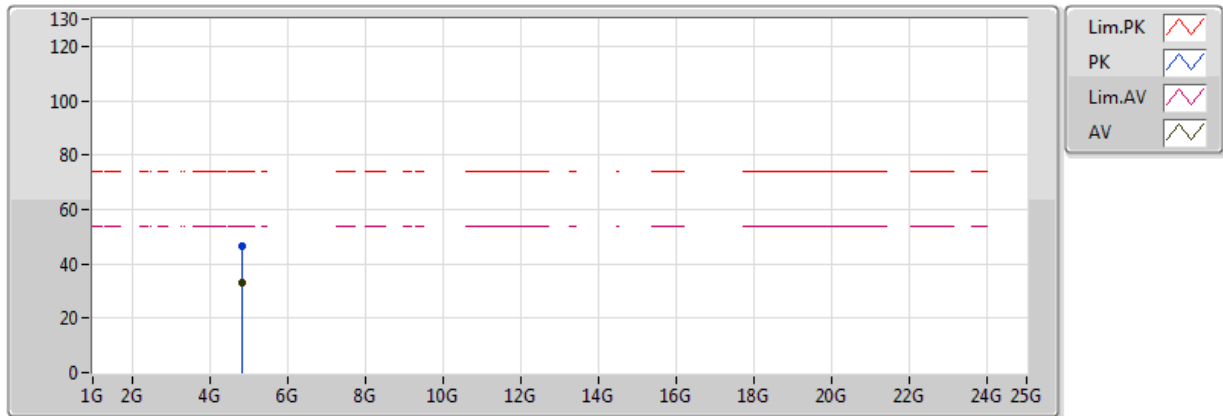


201710712
EUT Y_2TX
Setting 22.5
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	48.53	54.00	-5.47	31.91	3	H	180	2.16	-
AV	2.414G	111.54	Inf	-Inf	31.97	3	H	180	2.16	-
AV	2.491G	46.06	54.00	-7.94	32.16	3	H	180	2.16	-
PK	2.313G	62.40	74.00	-11.60	31.71	3	H	180	2.16	-
PK	2.413G	115.55	Inf	-Inf	31.97	3	H	180	2.16	-
PK	2.489G	61.91	74.00	-12.09	32.15	3	H	180	2.16	-

802.11b_(1Mbps)_2TX

2412MHz_TX

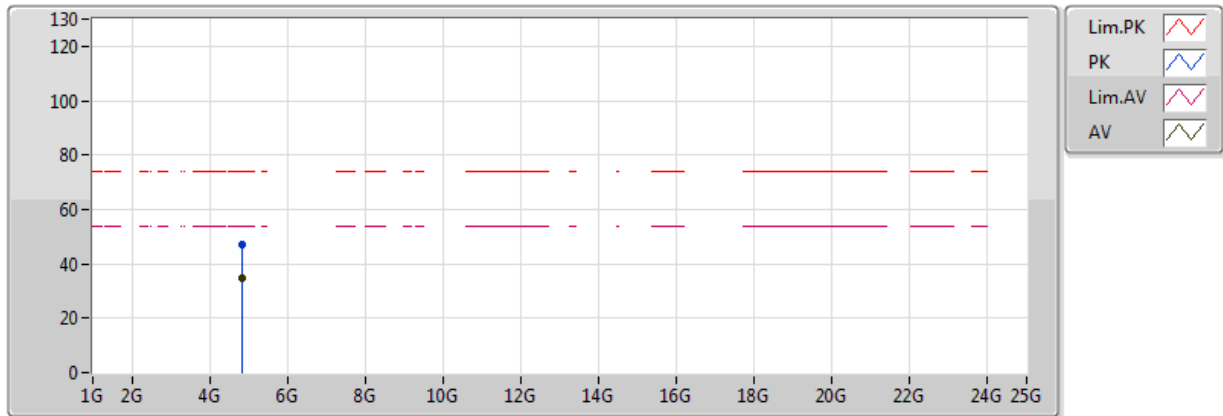


201710712
 EUT Y_2TX
 Setting 22.5
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.82394G	32.83	54.00	-21.17	4.72	3	V	320	1.97	-
PK	4.82722G	46.53	74.00	-27.47	4.72	3	V	320	1.97	-

802.11b_(1Mbps)_2TX

2412MHz_TX

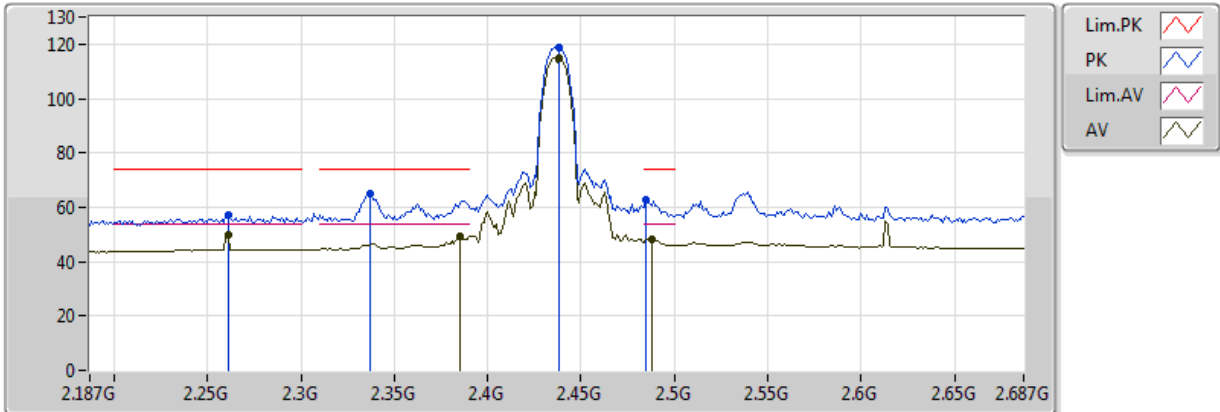


201710712
 EUT Y_2TX
 Setting 22.5
 03-P-2
 FSP(100019)

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	34.53	54.00	-19.47	4.72	3	H	6	1.57	-
PK	4.82416G	46.88	74.00	-27.12	4.72	3	H	6	1.57	-

802.11b_(1Mbps)_2TX

2437MHz_TX

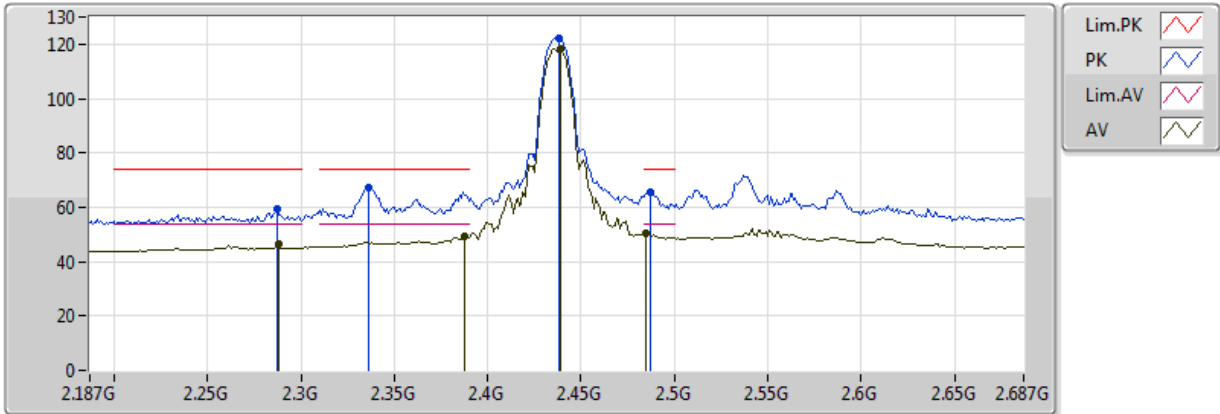


201710712
EUT Y_2TX
Setting 27
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.261G	49.89	54.00	-4.11	31.58	3	V	157	1.46	-
AV	2.385G	49.42	54.00	-4.58	31.90	3	V	157	1.46	-
AV	2.438G	114.94	Inf	-Inf	32.03	3	V	157	1.46	-
AV	2.488G	48.31	54.00	-5.69	32.15	3	V	157	1.46	-
PK	2.261G	57.24	74.00	-16.76	31.58	3	V	157	1.46	-
PK	2.337G	64.85	74.00	-9.15	31.78	3	V	157	1.46	-
PK	2.438G	118.99	Inf	-Inf	32.03	3	V	157	1.46	-
PK	2.485G	62.91	74.00	-11.09	32.14	3	V	157	1.46	-

802.11b_(1Mbps)_2TX

2437MHz_TX

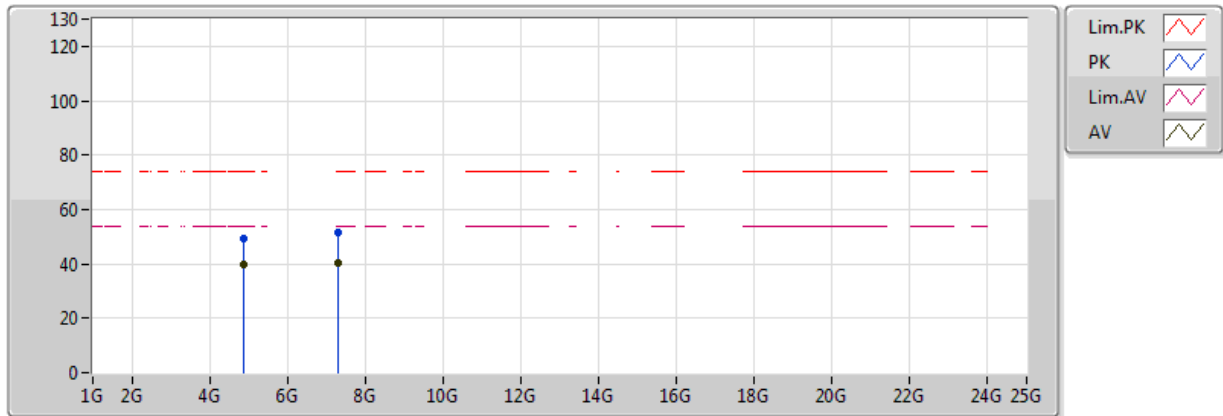


201710712
EUT Y_2TX
Setting 27
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.288G	46.29	54.00	-7.71	31.65	3	H	181	1.50	-
AV	2.388G	49.06	54.00	-4.94	31.91	3	H	181	1.50	-
AV	2.439G	118.45	Inf	-Inf	32.03	3	H	181	1.50	-
AV	2.485G	50.35	54.00	-3.65	32.14	3	H	181	1.50	-
PK	2.287G	59.35	74.00	-14.65	31.65	3	H	181	1.50	-
PK	2.336G	67.25	74.00	-6.75	31.77	3	H	181	1.50	-
PK	2.438G	122.31	Inf	-Inf	32.03	3	H	181	1.50	-
PK	2.487G	65.69	74.00	-8.31	32.15	3	H	181	1.50	-

802.11b_(1Mbps)_2TX

2437MHz_TX

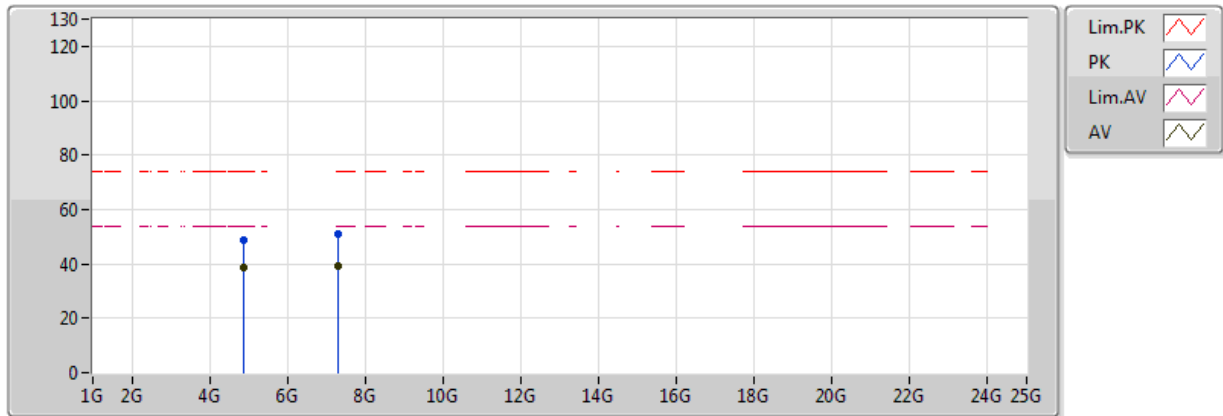


201710712
 EUT Y_2TX
 Setting 27
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87393G	39.94	54.00	-14.06	4.82	3	V	34	1.00	-
AV	7.31016G	40.40	54.00	-13.60	8.80	3	V	216	1.23	-
PK	4.87391G	49.14	74.00	-24.86	4.82	3	V	34	1.00	-
PK	7.30878G	51.50	74.00	-22.50	8.80	3	V	216	1.23	-

802.11b_(1Mbps)_2TX

2437MHz_TX

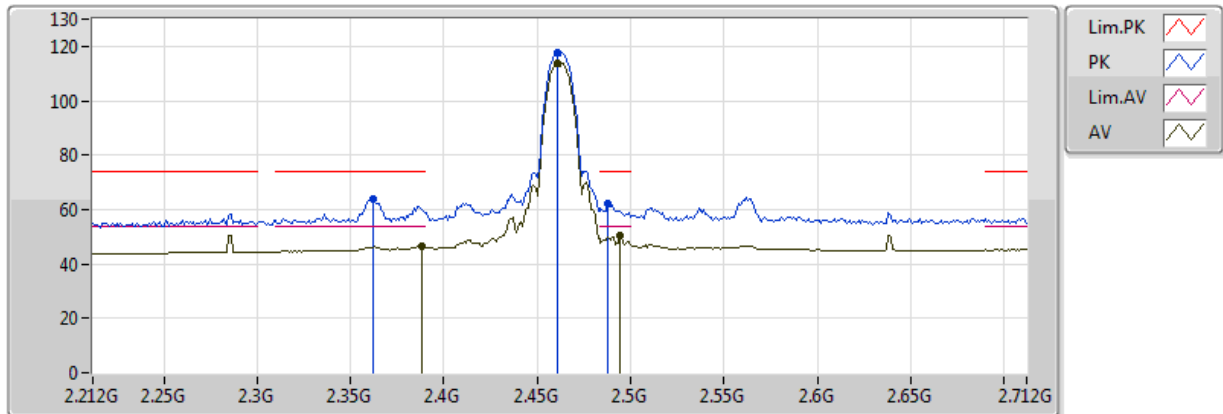


201710712
 EUT Y_2TX
 Setting 27
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87394G	38.74	54.00	-15.26	4.82	3	H	7	1.49	-
AV	7.31214G	39.06	54.00	-14.94	8.80	3	H	120	1.55	-
PK	4.87406G	48.52	74.00	-25.48	4.82	3	H	7	1.49	-
PK	7.3113G	50.79	74.00	-23.21	8.80	3	H	120	1.55	-

802.11b_(1Mbps)_2TX

2462MHz_TX

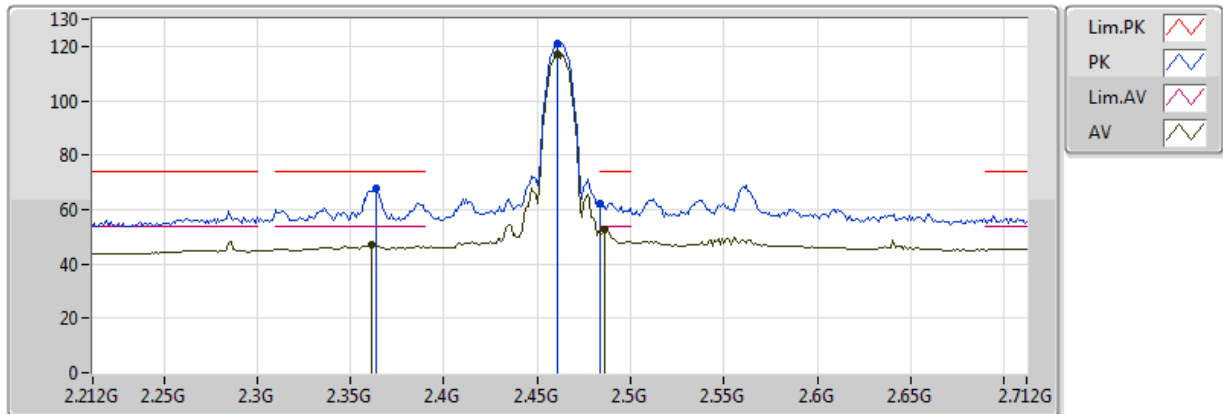


201710712
 EUT Y_2TX
 Setting 24
 03-P-2
 FSP(100019))

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.388G	46.27	54.00	-7.73	31.91	3	V	171	1.44	-
AV	2.461G	113.84	Inf	-Inf	32.09	3	V	171	1.44	-
AV	2.494G	50.67	54.00	-3.33	32.17	3	V	171	1.44	-
PK	2.362G	63.95	74.00	-10.05	31.84	3	V	171	1.44	-
PK	2.461G	117.84	Inf	-Inf	32.09	3	V	171	1.44	-
PK	2.488G	62.03	74.00	-11.97	32.15	3	V	171	1.44	-

802.11b_(1Mbps)_2TX

2462MHz_TX

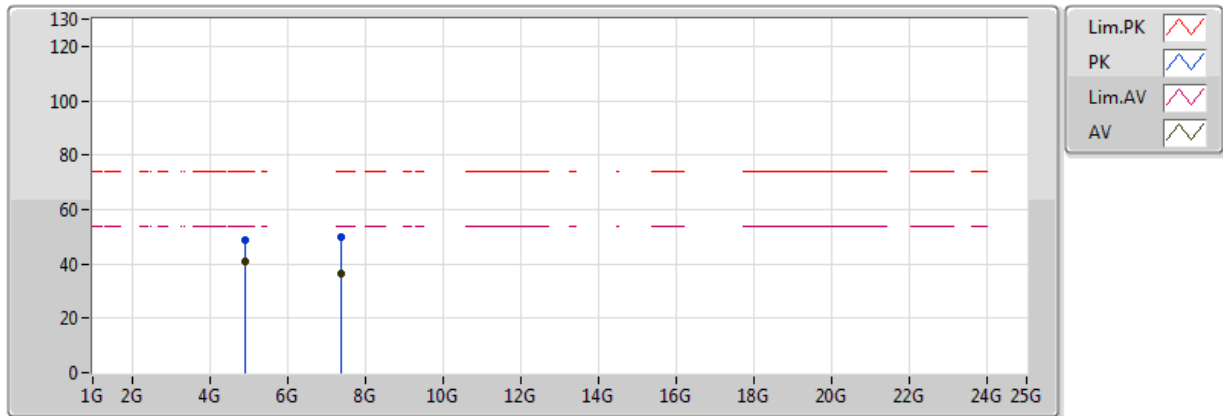


201710712
 EUT Y_2TX
 Setting 24
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.361G	46.79	54.00	-7.21	31.84	3	H	173	1.01	-
AV	2.461G	117.23	Inf	-Inf	32.09	3	H	173	1.01	-
AV	2.486G	52.42	54.00	-1.58	32.15	3	H	173	1.01	-
PK	2.364G	67.57	74.00	-6.43	31.85	3	H	173	1.01	-
PK	2.461G	121.04	Inf	-Inf	32.09	3	H	173	1.01	-
PK	2.483502G	62.36	74.00	-11.64	32.14	3	H	173	1.01	-

802.11b_(1Mbps)_2TX

2462MHz_TX

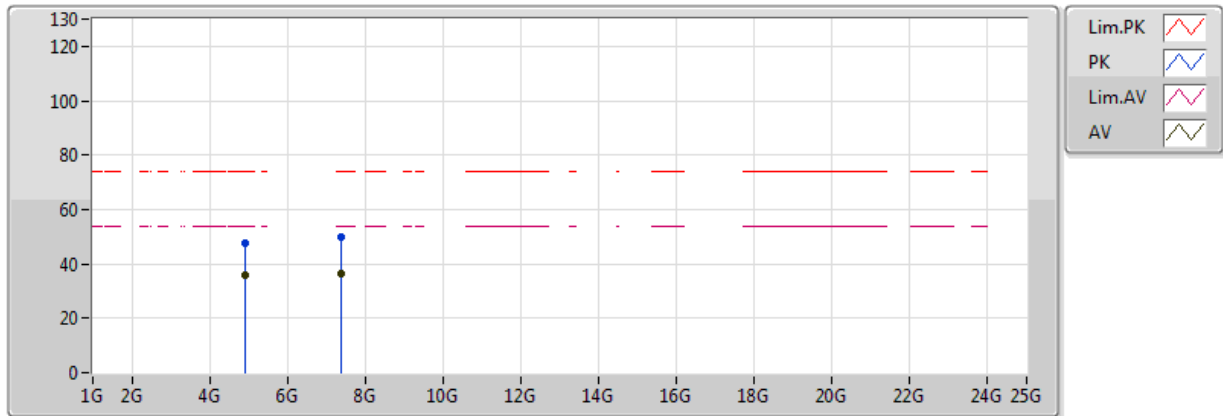


201710712
 EUT Y_2TX
 Setting 24
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.92393G	40.85	54.00	-13.15	4.92	3	V	11	1.26	-
AV	7.38732G	36.41	54.00	-17.59	8.83	3	V	243	1.28	-
PK	4.92396G	48.99	74.00	-25.01	4.92	3	V	11	1.26	-
PK	7.38612G	49.98	74.00	-24.02	8.83	3	V	243	1.28	-

802.11b_(1Mbps)_2TX

2462MHz_TX

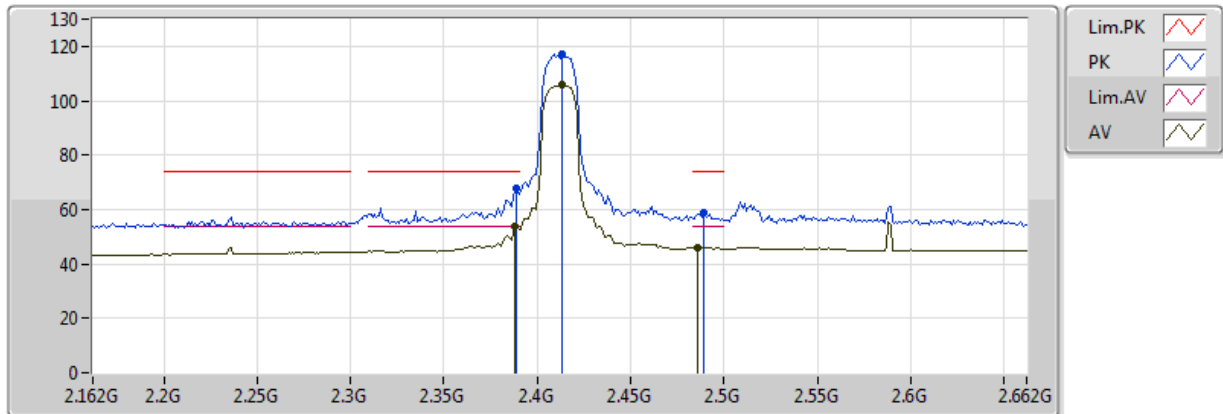


201710712
 EUT Y_2TX
 Setting 24
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.92398G	35.71	54.00	-18.29	4.92	3	H	9	1.40	-
AV	7.38492G	36.64	54.00	-17.36	8.83	3	H	113	1.47	-
PK	4.92384G	47.44	74.00	-26.56	4.92	3	H	9	1.40	-
PK	7.37888G	49.92	74.00	-24.08	8.82	3	H	113	1.47	-

802.11g_(6Mbps)_2TX

2412MHz_TX

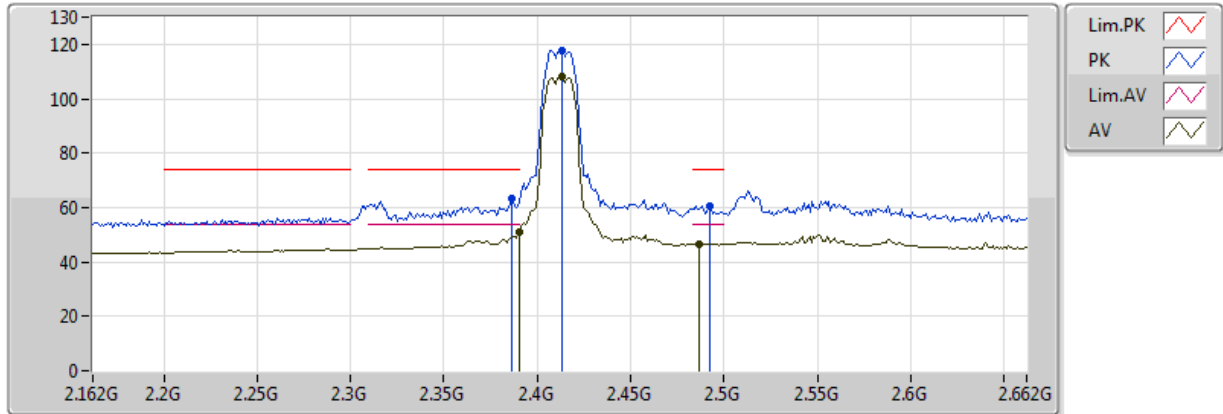


201710712
 EUT Y_2TX
 Setting 20
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.388G	53.69	54.00	-0.31	31.91	3	V	180	1.50	-
AV	2.413G	106.15	Inf	-Inf	31.97	3	V	180	1.50	-
AV	2.486G	45.92	54.00	-8.08	32.15	3	V	180	1.50	-
PK	2.389G	67.83	74.00	-6.17	31.91	3	V	180	1.50	-
PK	2.413G	117.18	Inf	-Inf	31.97	3	V	180	1.50	-
PK	2.489G	58.82	74.00	-15.18	32.15	3	V	180	1.50	-

802.11g_(6Mbps)_2TX

2412MHz_TX

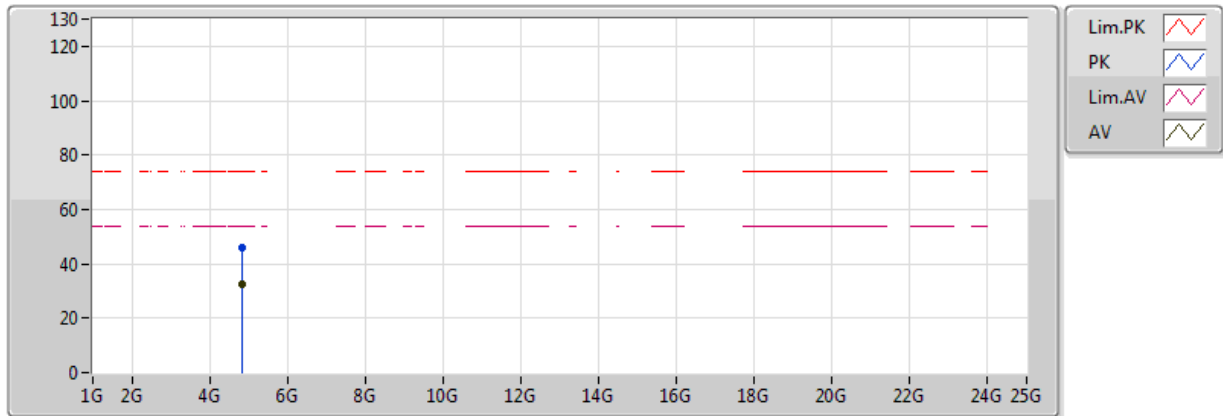


201710712
 EUT Y_2TX
 Setting 20
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	50.95	54.00	-3.05	31.91	3	H	172	1.10	-
AV	2.413G	108.32	Inf	-Inf	31.97	3	H	172	1.10	-
AV	2.487G	46.73	54.00	-7.27	32.15	3	H	172	1.10	-
PK	2.386G	63.23	74.00	-10.77	31.90	3	H	172	1.10	-
PK	2.413G	117.78	Inf	-Inf	31.97	3	H	172	1.10	-
PK	2.492G	60.45	74.00	-13.55	32.16	3	H	172	1.10	-

802.11g_(6Mbps)_2TX

2412MHz_TX

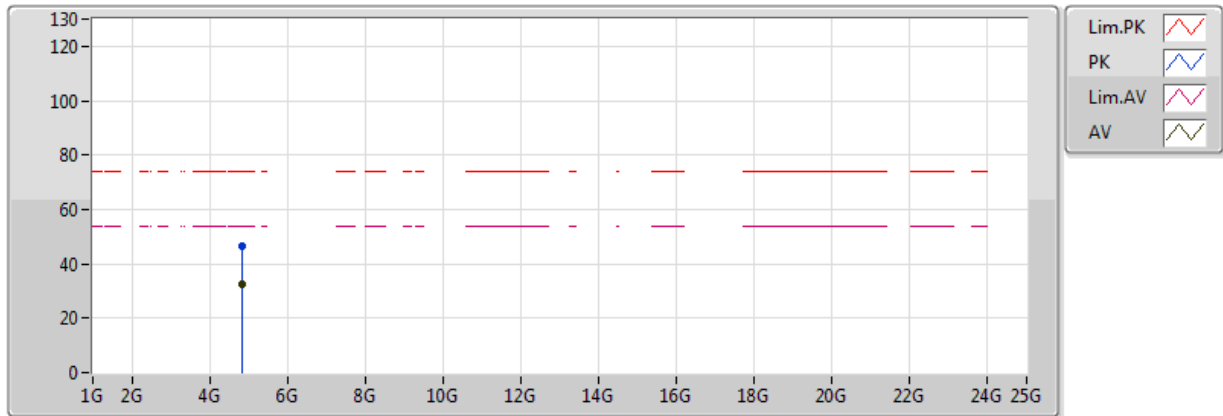


201710712
 EUT Y_2TX
 Setting 20
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.82214G	32.39	54.00	-21.61	4.71	3	V	48	1.50	-
PK	4.82802G	46.03	74.00	-27.97	4.73	3	V	48	1.50	-

802.11g_(6Mbps)_2TX

2412MHz_TX

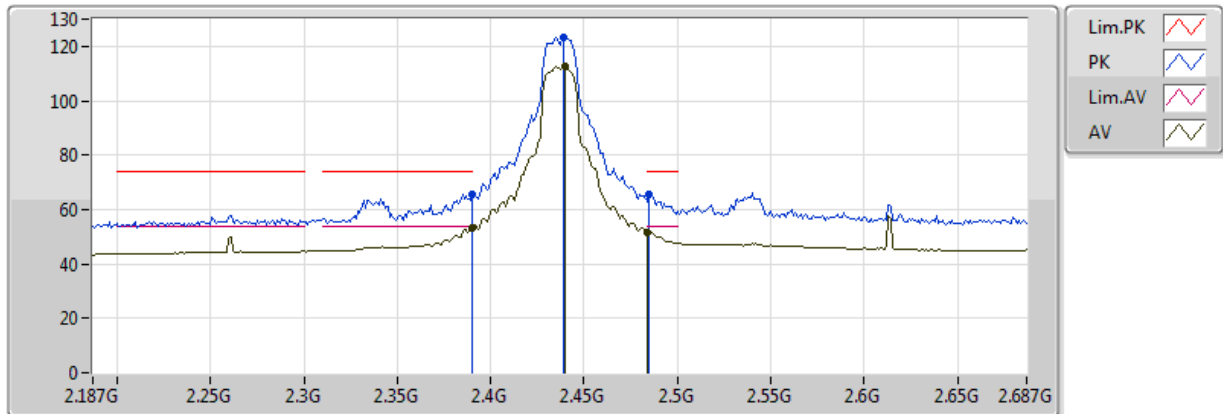


201710712
 EUT Y_2TX
 Setting 20
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.82408G	32.34	54.00	-21.66	4.72	3	H	328	1.03	-
PK	4.81954G	46.46	74.00	-27.54	4.71	3	H	328	1.03	-

802.11g_(6Mbps)_2TX

2437MHz_TX

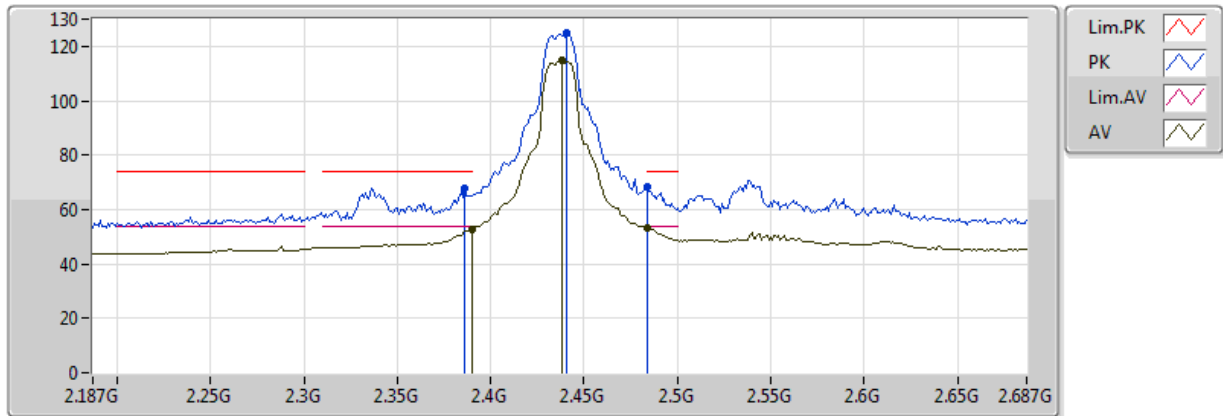


201710712
EUT Y_2TX
Setting 27
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	53.39	54.00	-0.61	31.91	3	V	169	1.27	-
AV	2.44G	112.72	Inf	-Inf	32.04	3	V	169	1.27	-
AV	2.483502G	51.73	54.00	-2.27	32.14	3	V	169	1.27	-
PK	2.39G	65.44	74.00	-8.56	31.91	3	V	169	1.27	-
PK	2.439G	123.50	Inf	-Inf	32.03	3	V	169	1.27	-
PK	2.485G	65.61	74.00	-8.39	32.14	3	V	169	1.27	-

802.11g_(6Mbps)_2TX

2437MHz_TX

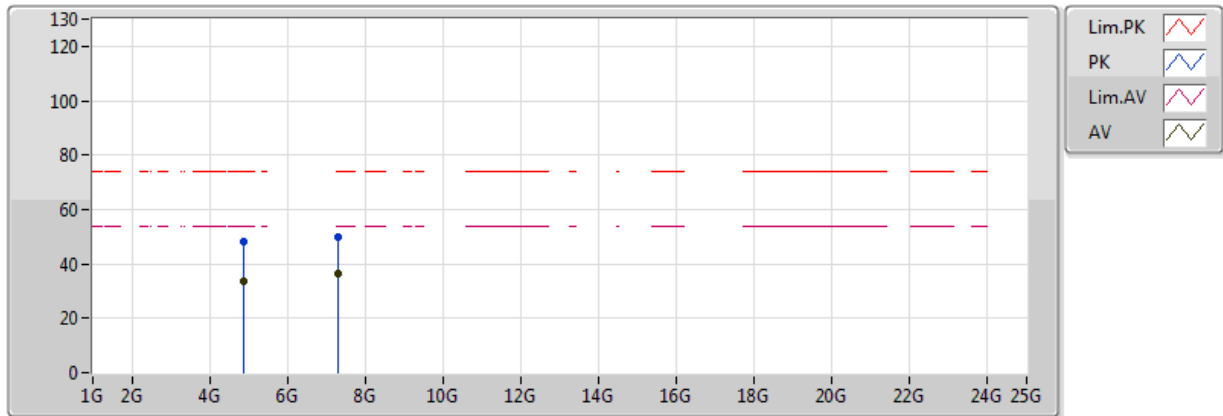


201710712
EUT Y_2TX
Setting 27
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	52.51	54.00	-1.49	31.91	3	H	175	1.30	-
AV	2.438G	114.71	Inf	-Inf	32.03	3	H	175	1.30	-
AV	2.483502G	53.30	54.00	-0.70	32.14	3	H	175	1.30	-
PK	2.386G	67.71	74.00	-6.29	31.90	3	H	175	1.30	-
PK	2.441G	124.84	Inf	-Inf	32.04	3	H	175	1.30	-
PK	2.483502G	68.39	74.00	-5.61	32.14	3	H	175	1.30	-

802.11g_(6Mbps)_2TX

2437MHz_TX

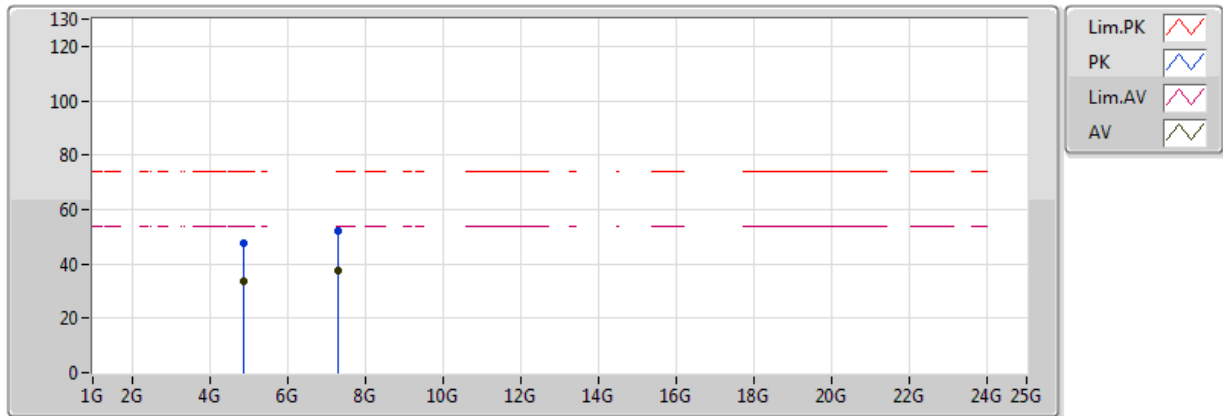


201710712
 EUT Y_2TX
 Setting 27
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87426G	33.78	54.00	-20.22	4.82	3	V	4	1.27	-
AV	7.30932G	36.68	54.00	-17.32	8.80	3	V	239	2.10	-
PK	4.87132G	47.96	74.00	-26.04	4.81	3	V	4	1.27	-
PK	7.29786G	49.77	74.00	-24.23	8.80	3	V	239	2.10	-

802.11g_(6Mbps)_2TX

2437MHz_TX

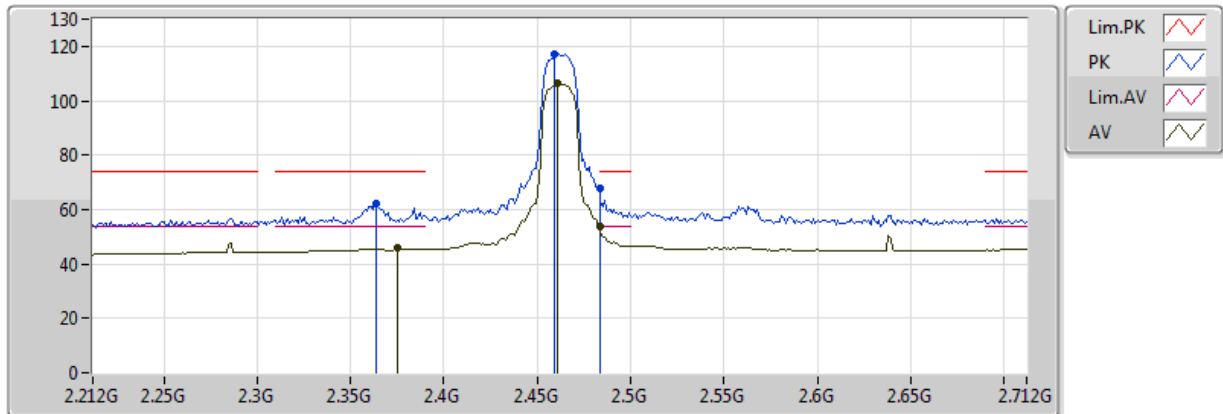


201710712
 EUT Y_2TX
 Setting 27
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.8778G	33.47	54.00	-20.53	4.83	3	H	17	1.01	-
AV	7.3123G	37.66	54.00	-16.34	8.80	3	H	123	1.49	-
PK	4.8752G	47.62	74.00	-26.38	4.82	3	H	17	1.01	-
PK	7.30606G	51.85	74.00	-22.15	8.80	3	H	123	1.49	-

802.11g_(6Mbps)_2TX

2462MHz_TX

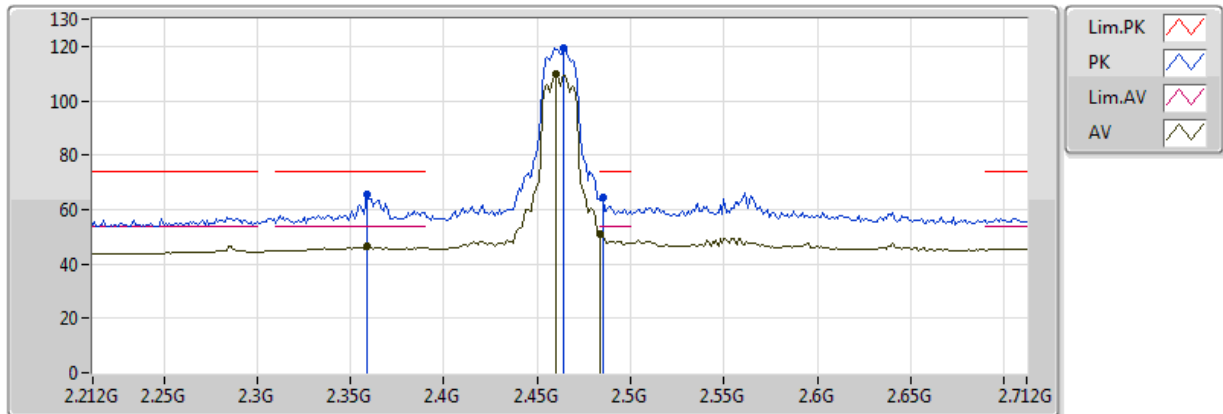


201710712
 EUT Y_2TX
 Setting 20
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.375G	45.68	54.00	-8.32	31.87	3	V	181	1.43	-
AV	2.461G	106.48	Inf	-Inf	32.09	3	V	181	1.43	-
AV	2.483502G	53.95	54.00	-0.05	32.14	3	V	181	1.43	-
PK	2.364G	62.46	74.00	-11.54	31.85	3	V	181	1.43	-
PK	2.459G	117.25	Inf	-Inf	32.08	3	V	181	1.43	-
PK	2.483502G	67.83	74.00	-6.17	32.14	3	V	181	1.43	-

802.11g_(6Mbps)_2TX

2462MHz_TX

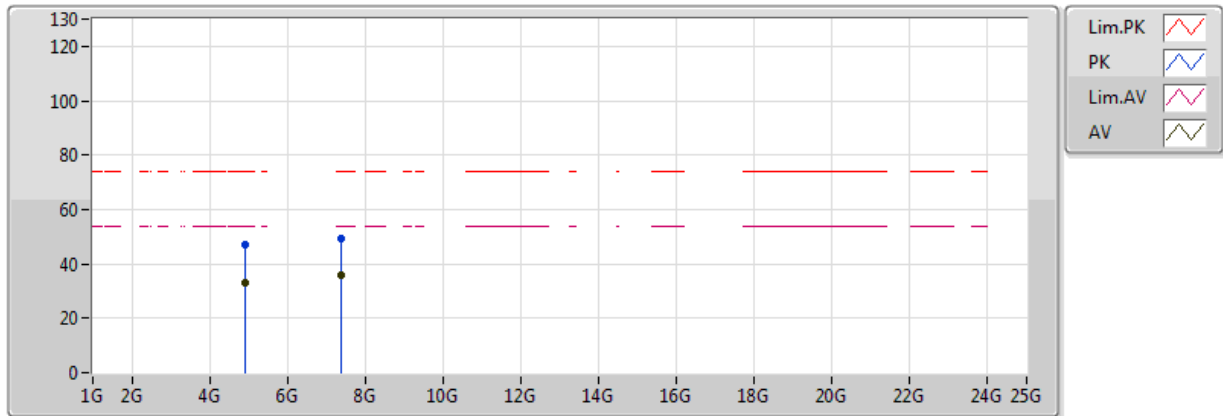


201710712
 EUT Y_2TX
 Setting 20
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.359G	46.54	54.00	-7.46	31.83	3	H	173	1.01	-
AV	2.46G	109.70	Inf	-Inf	32.08	3	H	173	1.01	-
AV	2.484G	50.96	54.00	-3.04	32.14	3	H	173	1.01	-
PK	2.359G	65.34	74.00	-8.66	31.83	3	H	173	1.01	-
PK	2.464G	119.44	Inf	-Inf	32.09	3	H	173	1.01	-
PK	2.485G	64.34	74.00	-9.66	32.14	3	H	173	1.01	-

802.11g_(6Mbps)_2TX

2462MHz_TX

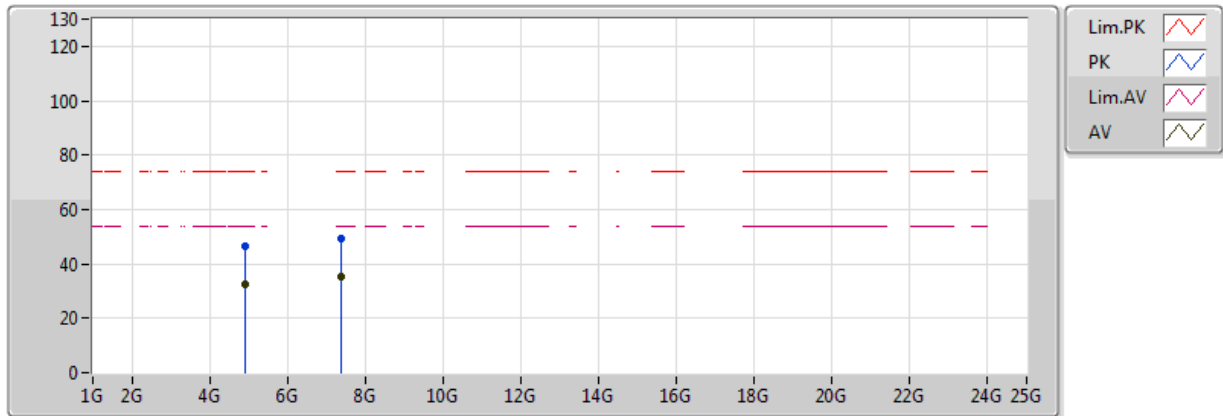


201710712
 EUT Y_2TX
 Setting 20
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.91906G	32.89	54.00	-21.11	4.91	3	V	311	1.49	-
AV	7.38632G	35.59	54.00	-18.41	8.83	3	V	205	1.92	-
PK	4.92174G	47.11	74.00	-26.89	4.92	3	V	311	1.49	-
PK	7.391G	49.29	74.00	-24.71	8.83	3	V	205	1.92	-

802.11g_(6Mbps)_2TX

2462MHz_TX

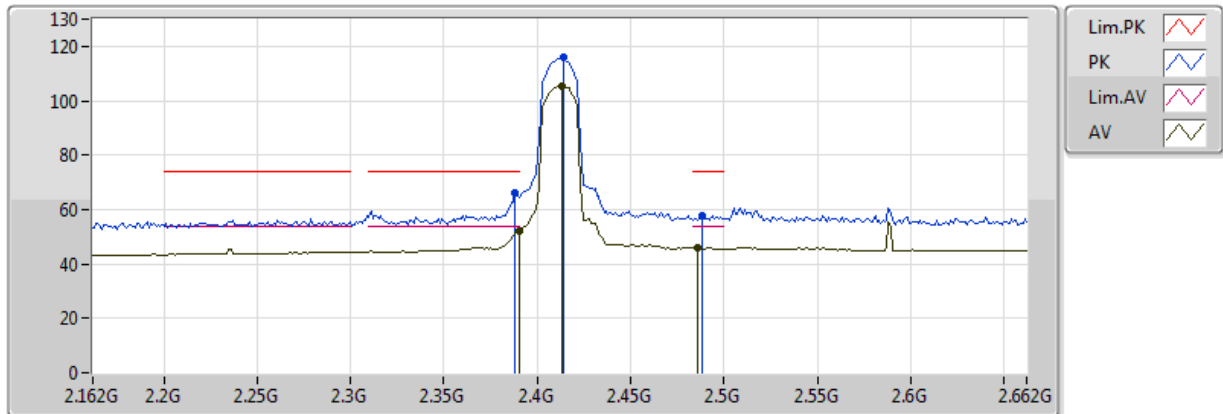


201710712
 EUT Y_2TX
 Setting 20
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.91972G	32.73	54.00	-21.27	4.91	3	H	95	2.15	-
AV	7.38832G	35.24	54.00	-18.76	8.83	3	H	332	2.24	-
PK	4.9215G	46.49	74.00	-27.51	4.92	3	H	95	2.15	-
PK	7.38316G	49.51	74.00	-24.49	8.82	3	H	332	2.24	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

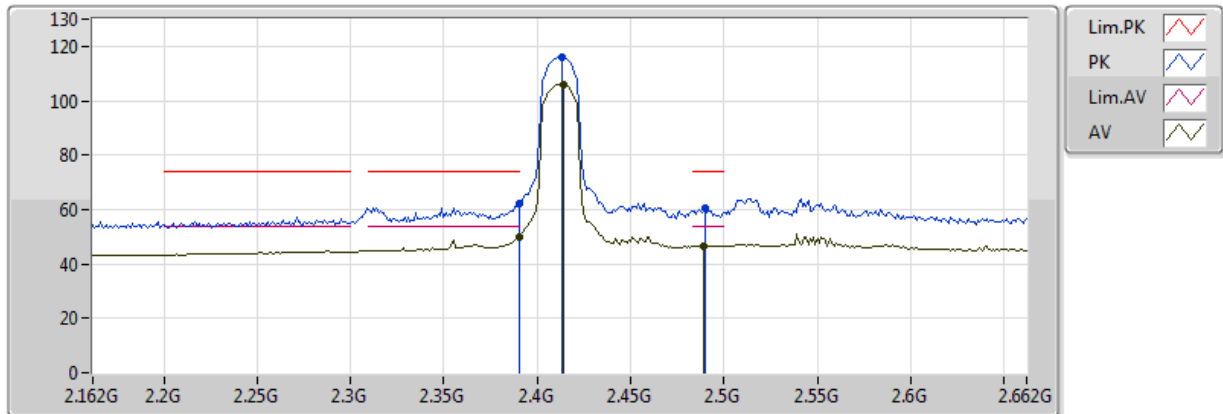


201710712
 EUT Y_2TX
 Setting 19.5
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	52.27	54.00	-1.73	31.91	3	V	174	1.59	-
AV	2.413G	105.41	Inf	-Inf	31.97	3	V	174	1.59	-
AV	2.486G	45.96	54.00	-8.04	32.15	3	V	174	1.59	-
PK	2.388G	66.09	74.00	-7.91	31.91	3	V	174	1.59	-
PK	2.414G	116.23	Inf	-Inf	31.97	3	V	174	1.59	-
PK	2.488G	57.77	74.00	-16.23	32.15	3	V	174	1.59	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

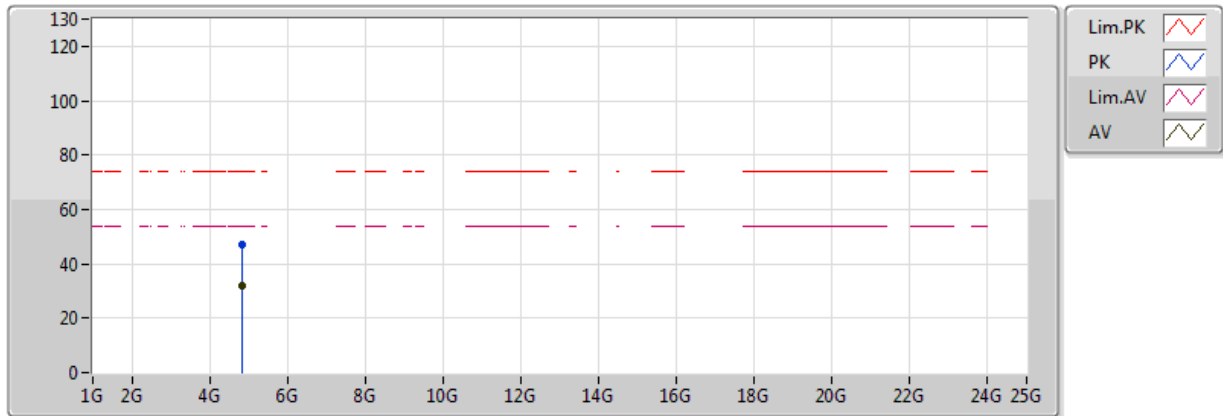


201710712
 EUT Y_2TX
 Setting 19.5
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	49.99	54.00	-4.01	31.91	3	H	173	1.75	-
AV	2.414G	106.18	Inf	-Inf	31.97	3	H	173	1.75	-
AV	2.489G	46.68	54.00	-7.32	32.15	3	H	173	1.75	-
PK	2.39G	62.14	74.00	-11.86	31.91	3	H	173	1.75	-
PK	2.413G	116.15	Inf	-Inf	31.97	3	H	173	1.75	-
PK	2.49G	60.77	74.00	-13.23	32.16	3	H	173	1.75	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

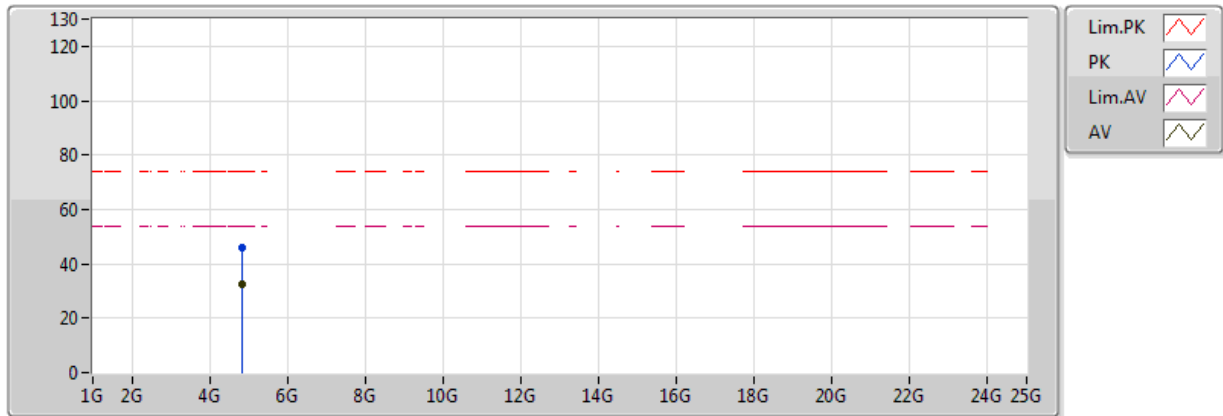


201710712
 EUT Y_2TX
 Setting 19.5
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.82178G	32.21	54.00	-21.79	4.71	3	V	180	1.94	-
PK	4.81994G	46.98	74.00	-27.02	4.71	3	V	180	1.94	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

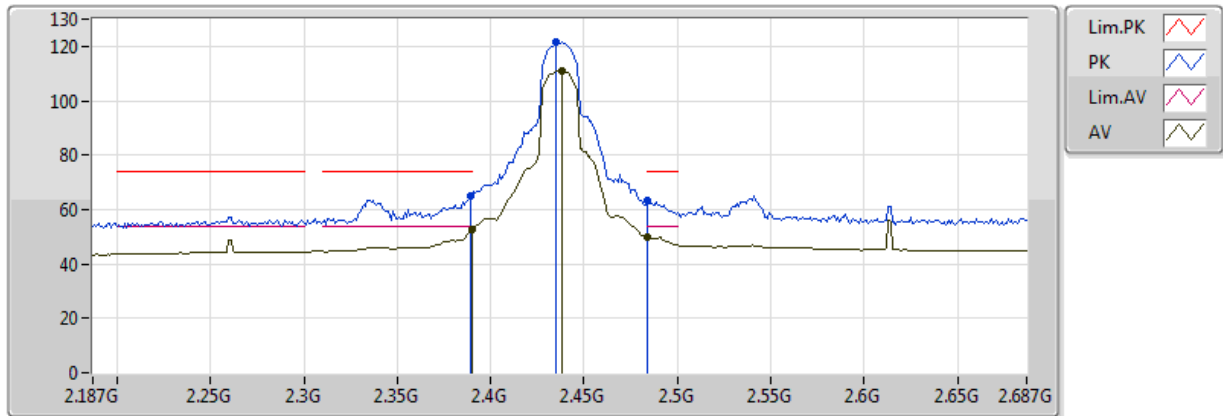


201710712
 EUT Y_2TX
 Setting 19.5
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.82204G	32.29	54.00	-21.71	4.71	3	H	256	1.68	-
PK	4.82598G	46.02	74.00	-27.98	4.72	3	H	256	1.68	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

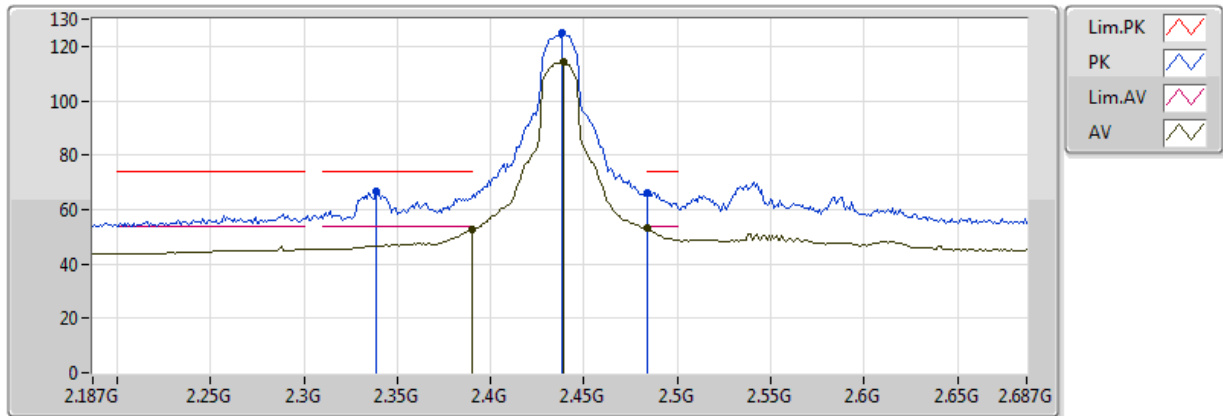


201710712
 EUT Y_2TX
 Setting 27
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	52.45	54.00	-1.55	31.91	3	V	169	1.71	-
AV	2.438G	111.22	Inf	-Inf	32.03	3	V	169	1.71	-
AV	2.483502G	50.12	54.00	-3.88	32.14	3	V	169	1.71	-
PK	2.389G	65.05	74.00	-8.95	31.91	3	V	169	1.71	-
PK	2.435G	121.47	Inf	-Inf	32.02	3	V	169	1.71	-
PK	2.484G	63.08	74.00	-10.92	32.14	3	V	169	1.71	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

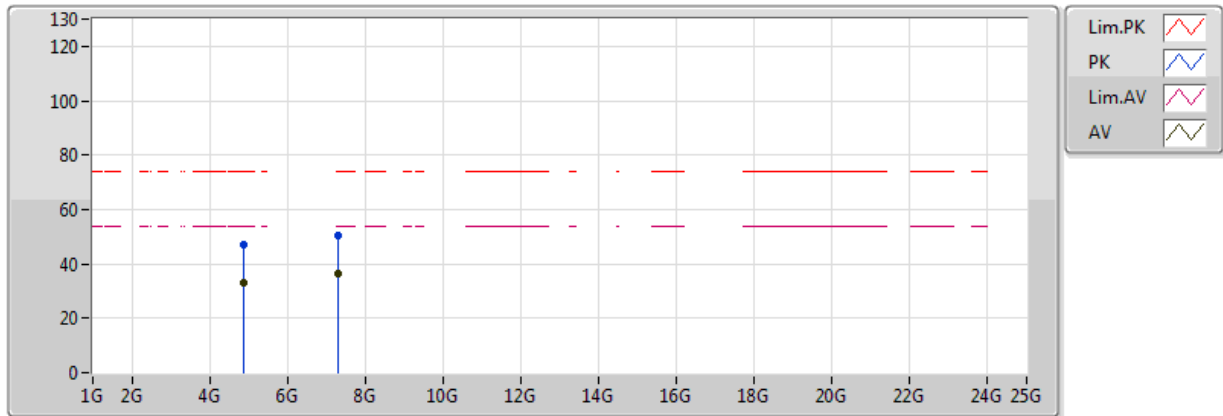


201710712
 EUT Y_2TX
 Setting 27
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	52.52	54.00	-1.48	31.91	3	H	179	1.65	-
AV	2.439G	114.15	Inf	-Inf	32.03	3	H	179	1.65	-
AV	2.483502G	53.02	54.00	-0.98	32.14	3	H	179	1.65	-
PK	2.339G	66.43	74.00	-7.57	31.78	3	H	179	1.65	-
PK	2.438G	124.76	Inf	-Inf	32.03	3	H	179	1.65	-
PK	2.484G	66.30	74.00	-7.70	32.14	3	H	179	1.65	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

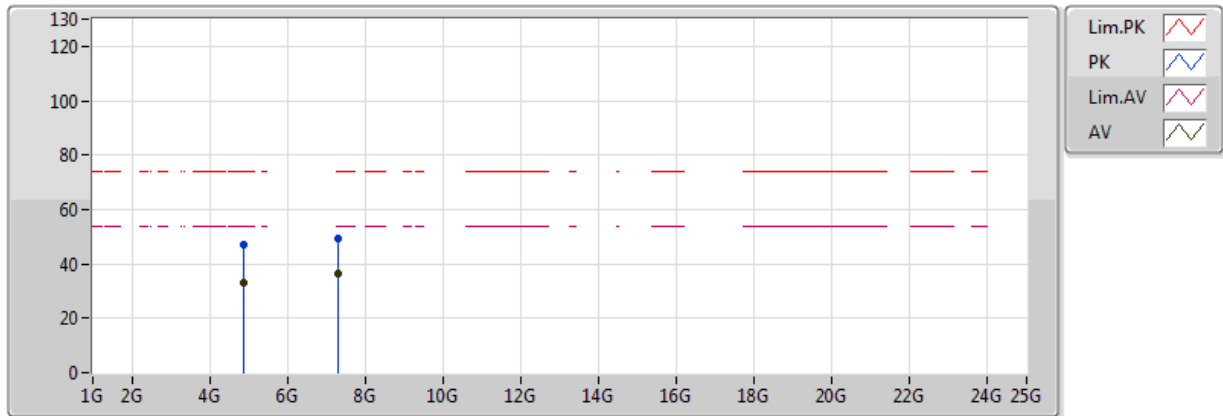


201710712
 EUT Y_2TX
 Setting 27
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87382G	33.21	54.00	-20.79	4.82	3	V	158	1.54	-
AV	7.3092G	36.27	54.00	-17.73	8.80	3	V	260	1.72	-
PK	4.8707G	46.91	74.00	-27.09	4.81	3	V	158	1.54	-
PK	7.30832G	50.51	74.00	-23.49	8.80	3	V	260	1.72	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

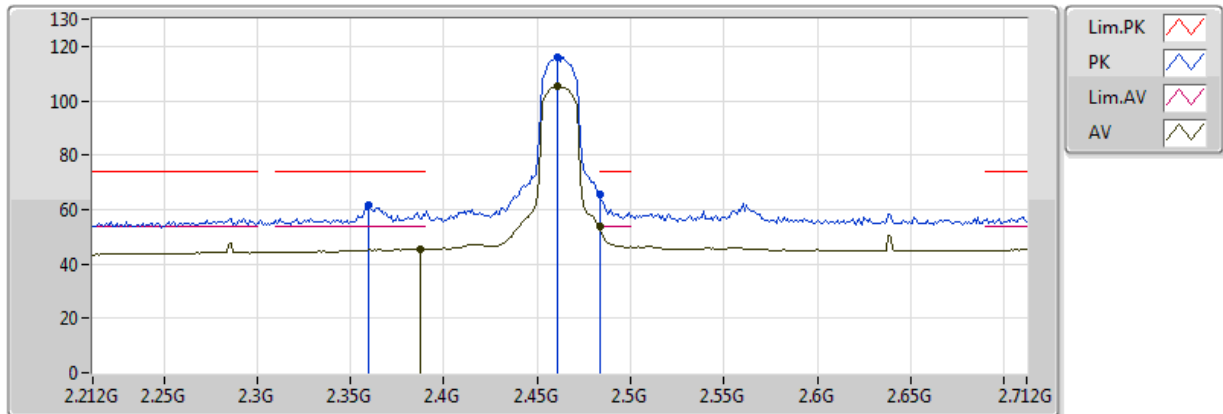


201710712
 EUT Y_2TX
 Setting 27
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87736G	33.08	54.00	-20.92	4.82	3	H	15	1.15	-
AV	7.3092G	36.17	54.00	-17.83	8.80	3	H	77	1.88	-
PK	4.8765G	47.14	74.00	-26.86	4.82	3	H	15	1.15	-
PK	7.30884G	49.52	74.00	-24.48	8.80	3	H	77	1.88	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

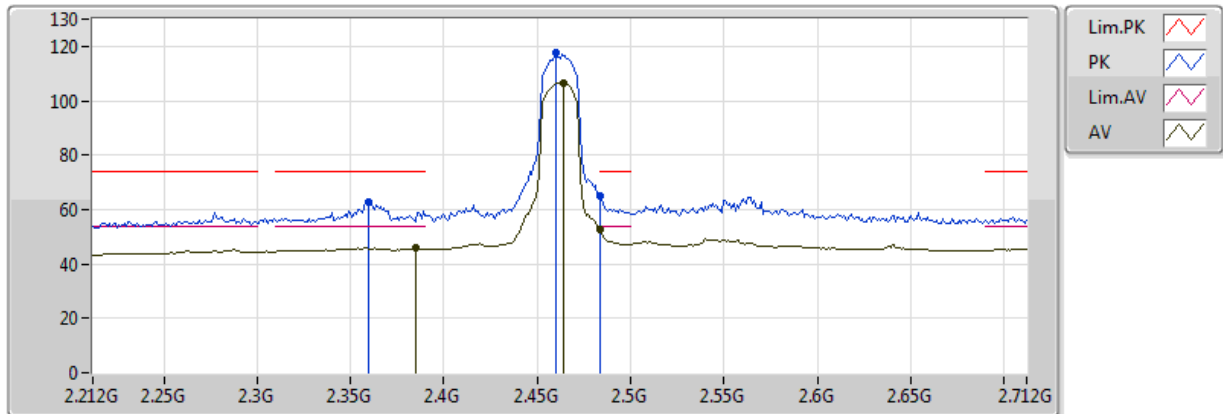


201710712
 EUT Y_2TX
 Setting 19.5
 03-P-2
 FSP(100019))

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.387G	45.47	54.00	-8.53	31.91	3	V	172	1.45	-
AV	2.461G	105.56	Inf	-Inf	32.09	3	V	172	1.45	-
AV	2.483502G	53.52	54.00	-0.48	32.14	3	V	172	1.45	-
PK	2.36G	61.41	74.00	-12.59	31.84	3	V	172	1.45	-
PK	2.461G	116.14	Inf	-Inf	32.09	3	V	172	1.45	-
PK	2.483502G	65.52	74.00	-8.48	32.14	3	V	172	1.45	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

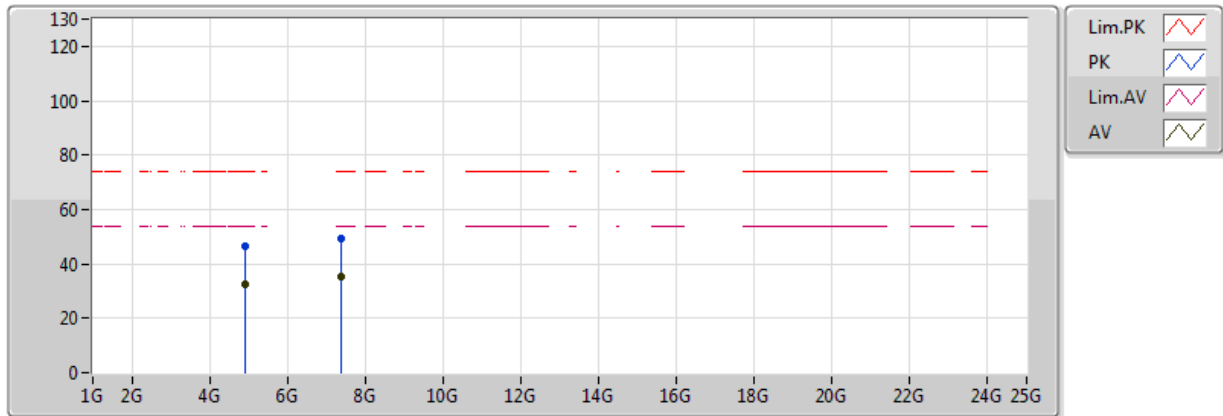


201710712
EUT Y_2TX
Setting 19.5
03-P-2
FSP(100019))

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.385G	45.89	54.00	-8.11	31.90	3	H	177	1.67	-
AV	2.464G	106.64	Inf	-Inf	32.09	3	H	177	1.67	-
AV	2.483502G	52.77	54.00	-1.23	32.14	3	H	177	1.67	-
PK	2.36G	62.93	74.00	-11.07	31.84	3	H	177	1.67	-
PK	2.46G	117.59	Inf	-Inf	32.08	3	H	177	1.67	-
PK	2.483502G	65.14	74.00	-8.86	32.14	3	H	177	1.67	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

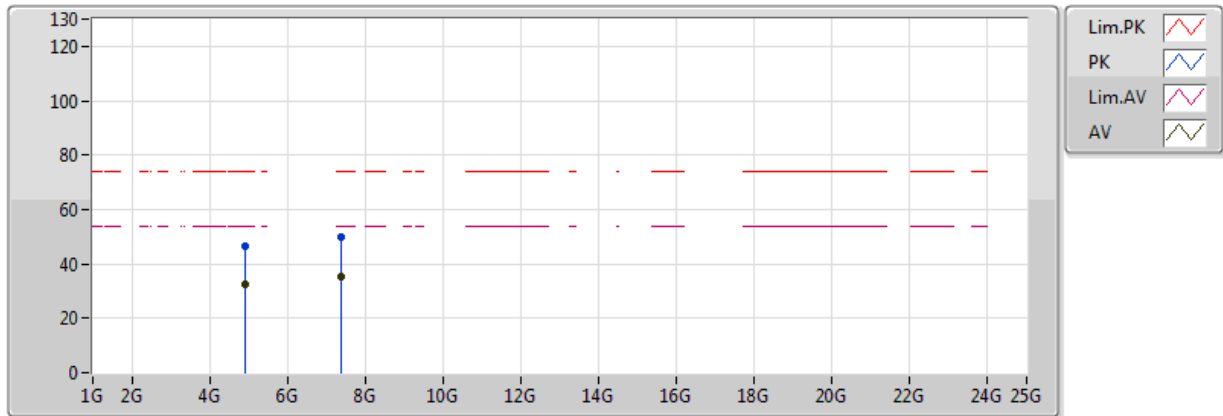


201710712
 EUT Y_2TX
 Setting 19.5
 03-P-2
 FSP(100019))

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.92104G	32.55	54.00	-21.45	4.92	3	V	220	1.83	-
AV	7.39074G	35.23	54.00	-18.77	8.83	3	V	285	2.46	-
PK	4.92494G	46.70	74.00	-27.30	4.92	3	V	220	1.83	-
PK	7.38108G	49.53	74.00	-24.47	8.82	3	V	285	2.46	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

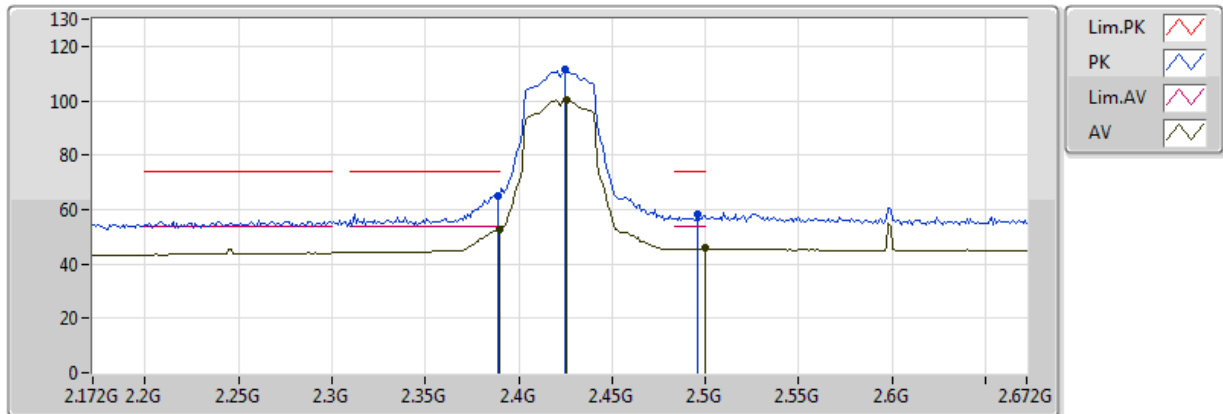


201710712
 EUT Y_2TX
 Setting 19.5
 03-P-2
 FSP(100019))

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.92022G	32.58	54.00	-21.42	4.91	3	H	210	2.26	-
AV	7.38996G	35.18	54.00	-18.82	8.83	3	H	220	1.65	-
PK	4.92682G	46.44	74.00	-27.56	4.93	3	H	210	2.26	-
PK	7.39014G	49.95	74.00	-24.05	8.83	3	H	220	1.65	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

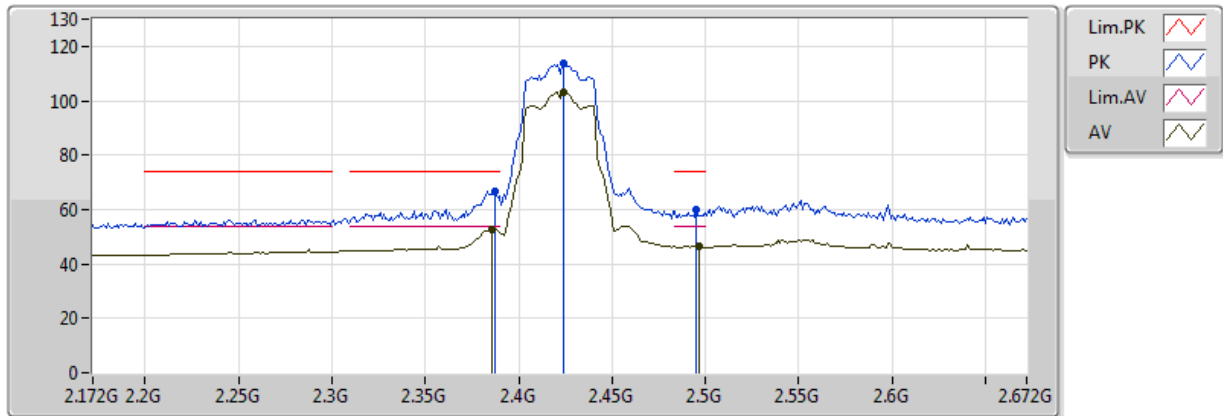


201710712
 EUT Y_2TX
 Setting 18
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	52.87	54.00	-1.13	31.91	3	V	163	1.06	-
AV	2.426G	100.13	Inf	-Inf	32.00	3	V	163	1.06	-
AV	2.5G	45.73	54.00	-8.27	32.18	3	V	163	1.06	-
PK	2.389G	65.10	74.00	-8.90	31.91	3	V	163	1.06	-
PK	2.425G	111.59	Inf	-Inf	32.00	3	V	163	1.06	-
PK	2.496G	58.45	74.00	-15.55	32.17	3	V	163	1.06	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

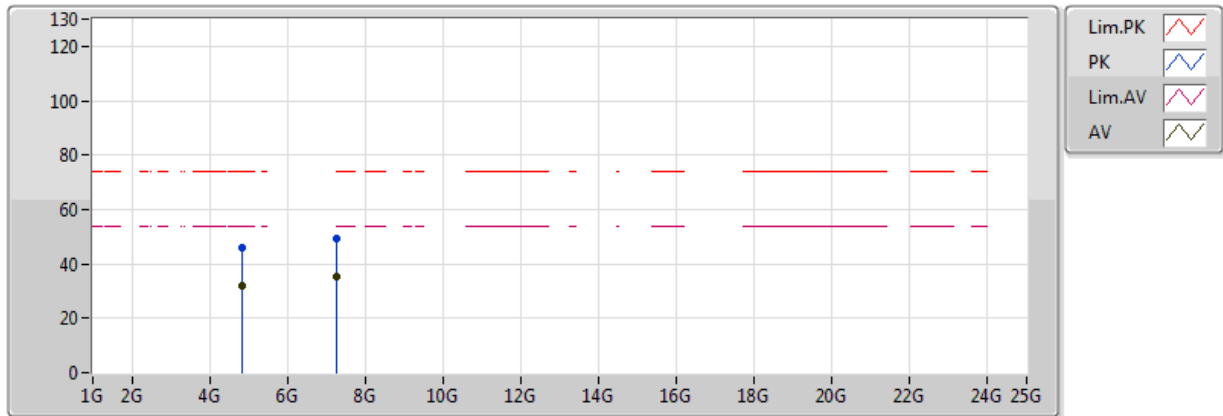


201710712
 EUT Y_2TX
 Setting 18
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.386G	52.92	54.00	-1.08	31.90	3	H	176	1.04	-
AV	2.424G	102.99	Inf	-Inf	32.00	3	H	176	1.04	-
AV	2.497G	46.38	54.00	-7.62	32.17	3	H	176	1.04	-
PK	2.387G	66.93	74.00	-7.07	31.91	3	H	176	1.04	-
PK	2.424G	113.95	Inf	-Inf	32.00	3	H	176	1.04	-
PK	2.495G	59.82	74.00	-14.18	32.17	3	H	176	1.04	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

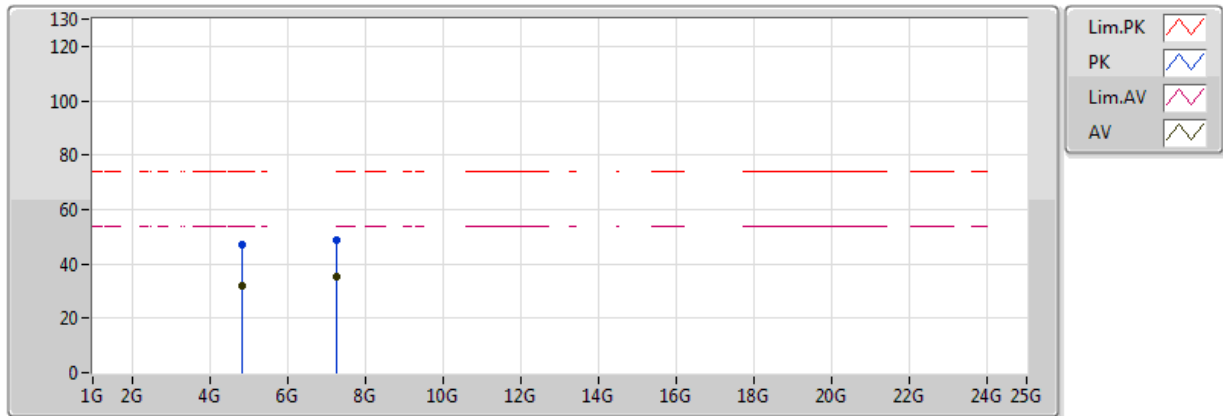


201710712
 EUT Y_2TX
 Setting 18
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.8428G	31.97	54.00	-22.03	4.76	3	V	169	1.72	-
AV	7.26216G	35.58	54.00	-18.42	8.78	3	V	302	2.23	-
PK	4.84256G	45.97	74.00	-28.03	4.76	3	V	169	1.72	-
PK	7.26198G	49.18	74.00	-24.82	8.78	3	V	302	2.23	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

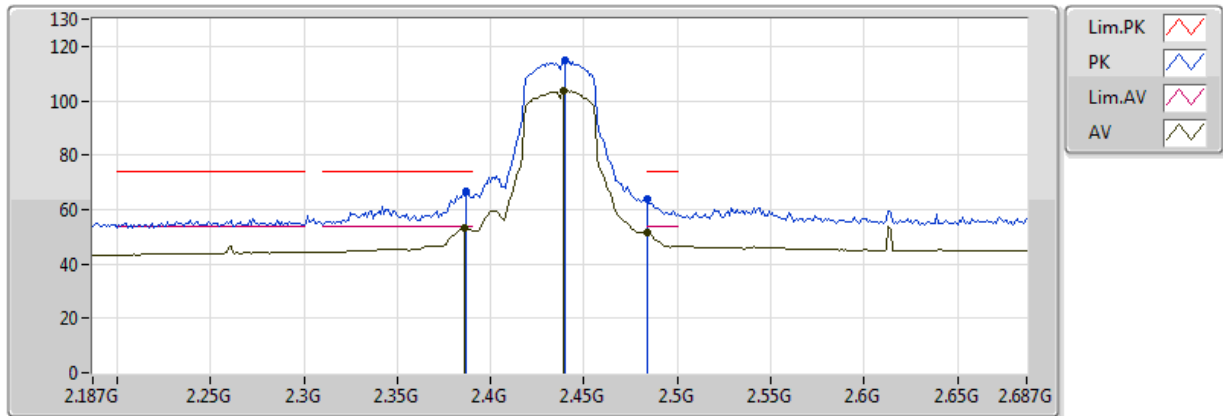


201710712
 EUT Y_2TX
 Setting 18
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.84258G	32.04	54.00	-21.96	4.76	3	H	159	1.33	-
AV	7.26208G	35.46	54.00	-18.54	8.78	3	H	6	2.07	-
PK	4.84382G	46.91	74.00	-27.09	4.76	3	H	159	1.33	-
PK	7.2659G	48.94	74.00	-25.06	8.79	3	H	6	2.07	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

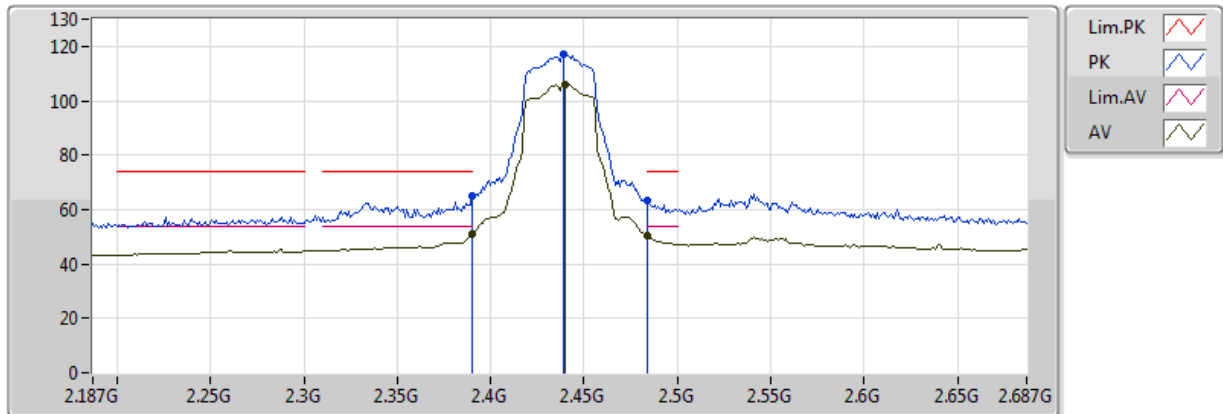


201710712
EUT Y_2TX
Setting 21
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.386G	52.97	54.00	-1.03	31.90	3	V	173	1.25	-
AV	2.439G	103.83	Inf	-Inf	32.03	3	V	173	1.25	-
AV	2.483502G	51.57	54.00	-2.43	32.14	3	V	173	1.25	-
PK	2.387G	66.89	74.00	-7.11	31.91	3	V	173	1.25	-
PK	2.44G	114.71	Inf	-Inf	32.04	3	V	173	1.25	-
PK	2.484G	63.86	74.00	-10.14	32.14	3	V	173	1.25	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

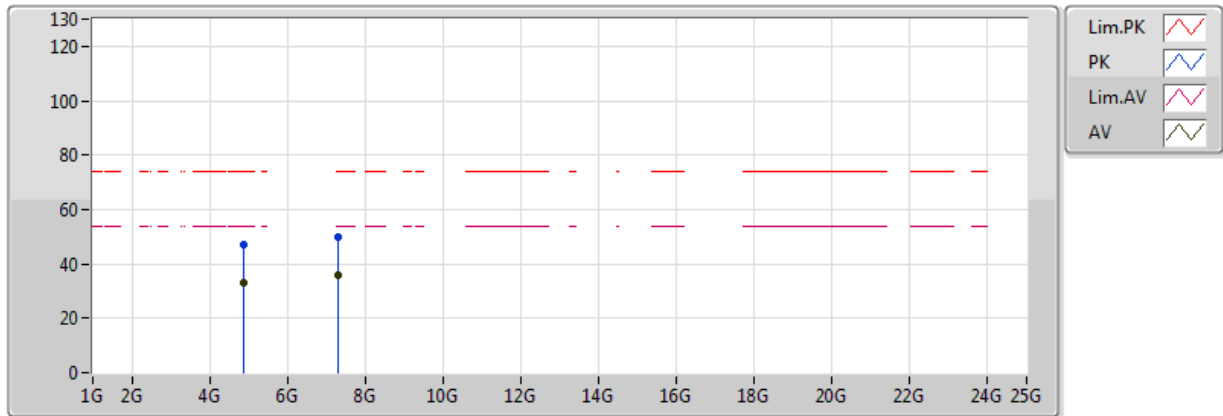


201710712
EUT Y_2TX
Setting 21
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	50.89	54.00	-3.11	31.91	3	H	178	1.28	-
AV	2.44G	106.13	Inf	-Inf	32.04	3	H	178	1.28	-
AV	2.483502G	50.26	54.00	-3.74	32.14	3	H	178	1.28	-
PK	2.39G	64.94	74.00	-9.06	31.91	3	H	178	1.28	-
PK	2.439G	117.04	Inf	-Inf	32.03	3	H	178	1.28	-
PK	2.483502G	63.13	74.00	-10.87	32.14	3	H	178	1.28	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

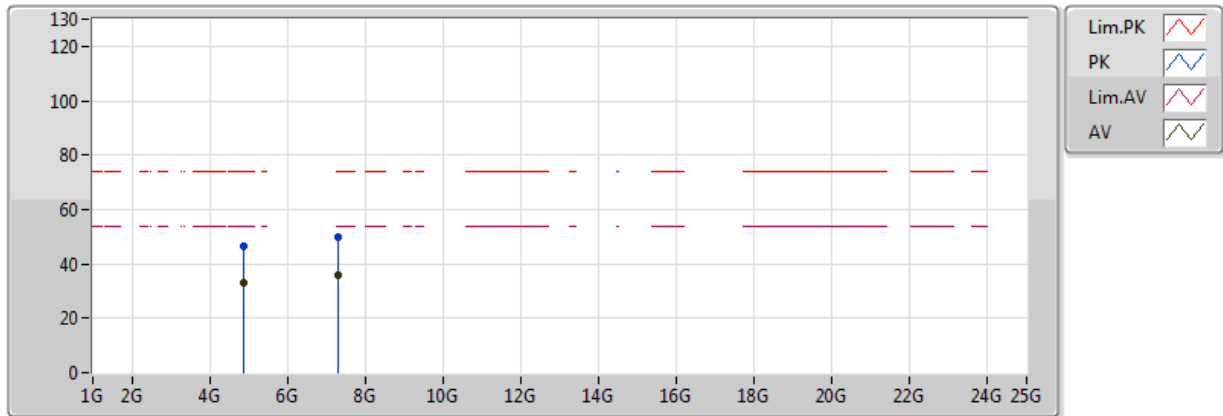


201710712
 EUT Y_2TX
 Setting 21
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87406G	32.86	54.00	-21.14	4.82	3	V	274	1.34	-
AV	7.31432G	35.81	54.00	-18.19	8.80	3	V	33	1.17	-
PK	4.87786G	46.93	74.00	-27.07	4.83	3	V	274	1.34	-
PK	7.31168G	49.74	74.00	-24.26	8.80	3	V	33	1.17	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

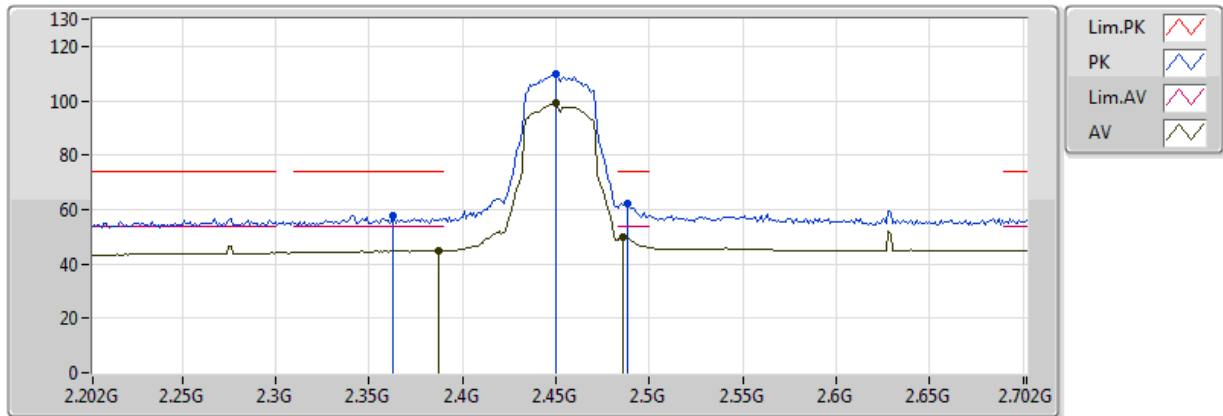


201710712
 EUT Y_2TX
 Setting 21
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.87408G	32.88	54.00	-21.12	4.82	3	H	181	1.96	-
AV	7.30872G	35.67	54.00	-18.33	8.80	3	H	121	2.17	-
PK	4.8758G	46.61	74.00	-27.39	4.82	3	H	181	1.96	-
PK	7.31366G	49.90	74.00	-24.10	8.80	3	H	121	2.17	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

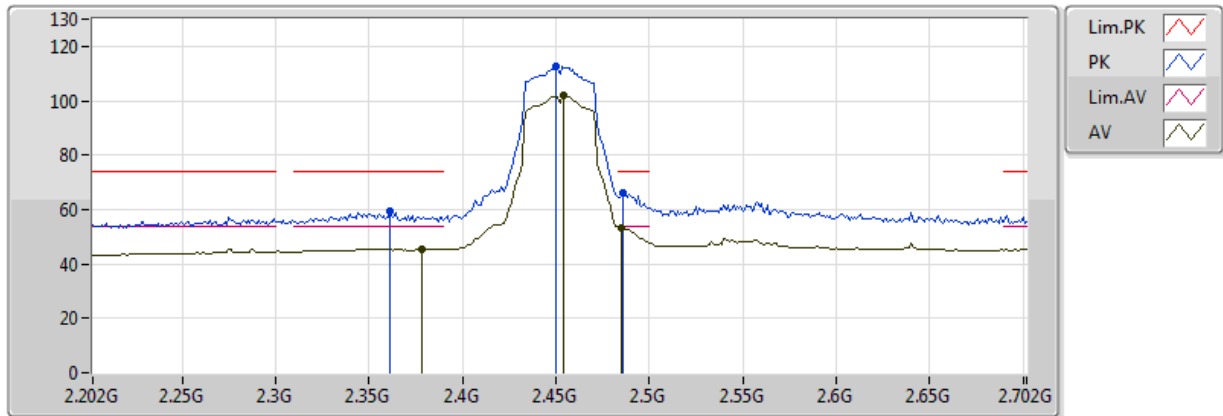


201710712
EUT Y_2TX
Setting 16.5
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.387G	44.96	54.00	-9.04	31.91	3	V	170	1.28	-
AV	2.45G	99.04	Inf	-Inf	32.06	3	V	170	1.28	-
AV	2.486G	49.87	54.00	-4.13	32.15	3	V	170	1.28	-
PK	2.363G	57.92	74.00	-16.08	31.84	3	V	170	1.28	-
PK	2.45G	110.10	Inf	-Inf	32.06	3	V	170	1.28	-
PK	2.488G	62.24	74.00	-11.76	32.15	3	V	170	1.28	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

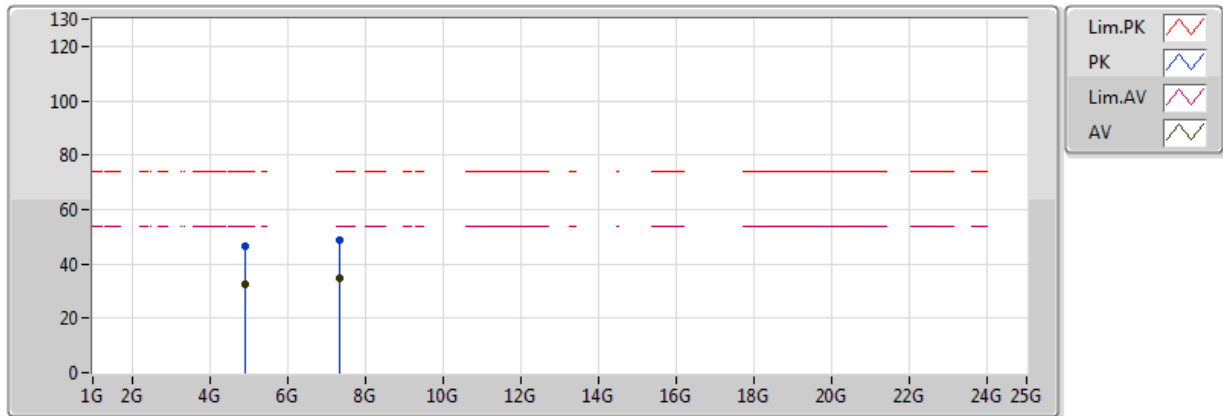


201710712
EUT Y_2TX
Setting 16.5
03-P-2
FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.378G	45.63	54.00	-8.37	31.88	3	H	179	1.28	-
AV	2.454G	101.76	Inf	-Inf	32.07	3	H	179	1.28	-
AV	2.485G	52.97	54.00	-1.03	32.14	3	H	179	1.28	-
PK	2.361G	59.35	74.00	-14.65	31.84	3	H	179	1.28	-
PK	2.45G	112.42	Inf	-Inf	32.06	3	H	179	1.28	-
PK	2.486G	66.25	74.00	-7.75	32.15	3	H	179	1.28	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

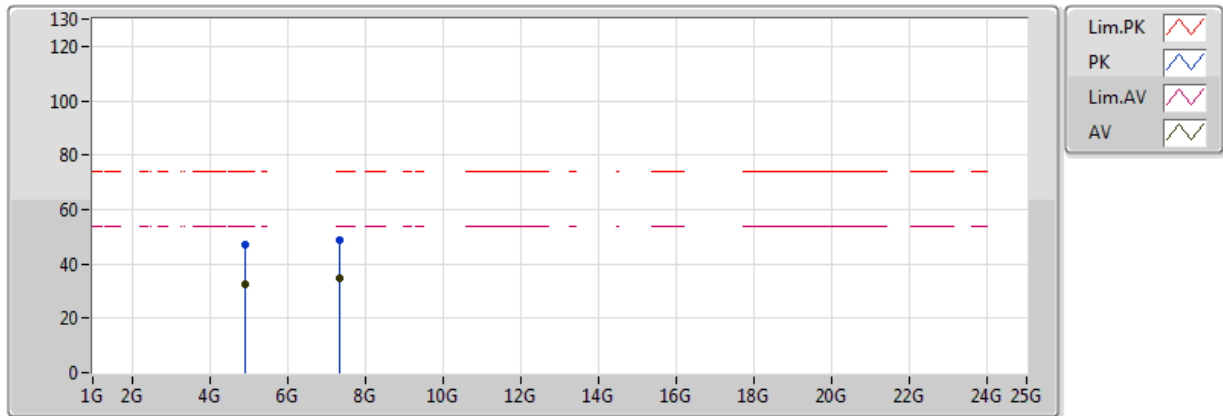


201710712
 EUT Y_2TX
 Setting 16.5
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.89904G	32.59	54.00	-21.41	4.87	3	V	224	1.21	-
AV	7.35102G	34.70	54.00	-19.30	8.82	3	V	329	1.74	-
PK	4.90012G	46.75	74.00	-27.25	4.87	3	V	224	1.21	-
PK	7.35426G	49.01	74.00	-24.99	8.82	3	V	329	1.74	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



201710712
 EUT Y_2TX
 Setting 16.5
 03-P-2
 FSP(100019)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.90806G	32.62	54.00	-21.38	4.89	3	H	293	1.61	-
AV	7.35342G	34.73	54.00	-19.27	8.82	3	H	136	1.67	-
PK	4.90578G	47.06	74.00	-26.94	4.88	3	H	293	1.61	-
PK	7.357G	48.99	74.00	-25.01	8.82	3	H	136	1.67	-

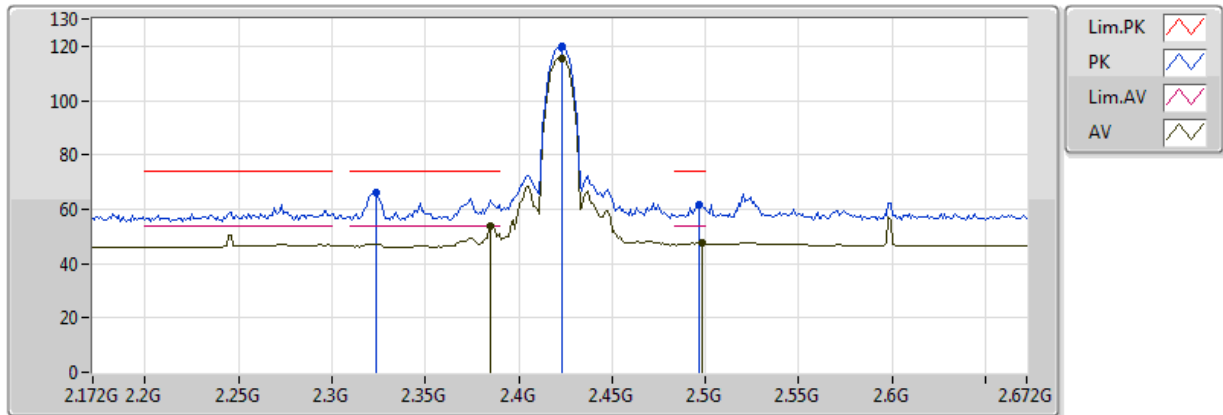


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11g_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.389998G	53.99	54.00	-0.01	33.15	3	V	274	1.50	-

802.11b_(1Mbps)_2TX

2422MHz_TX

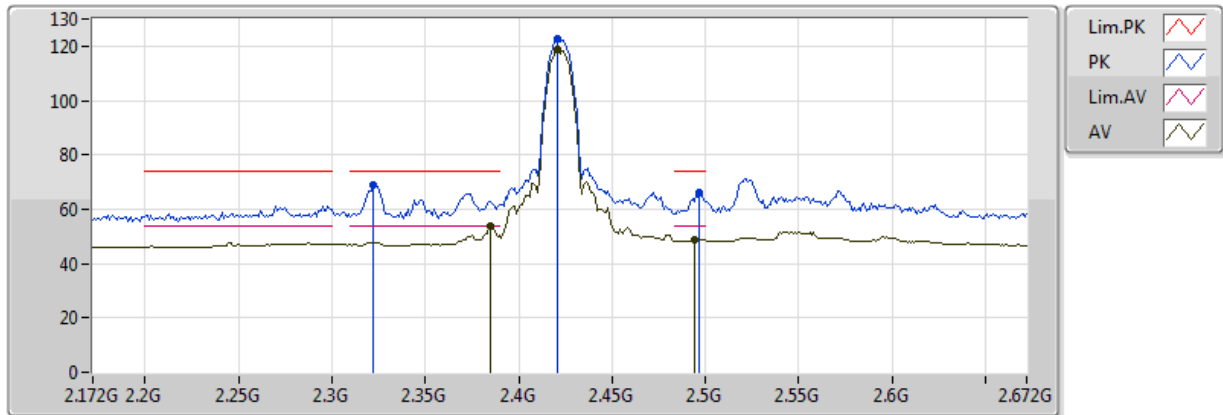


20170721
EUT_Y only_2TX
Setting 25
04-R-2 (FSP 100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.385G	53.98	54.00	-0.02	33.15	3	V	263	1.73	-
AV	2.423G	115.69	Inf	-Inf	33.15	3	V	263	1.73	-
AV	2.498G	47.64	54.00	-6.36	33.20	3	V	263	1.73	-
PK	2.324G	66.12	74.00	-7.88	33.18	3	V	263	1.73	-
PK	2.423G	119.68	Inf	-Inf	33.15	3	V	263	1.73	-
PK	2.497G	61.82	74.00	-12.18	33.20	3	V	263	1.73	-

802.11b_(1Mbps)_2TX

2422MHz_TX

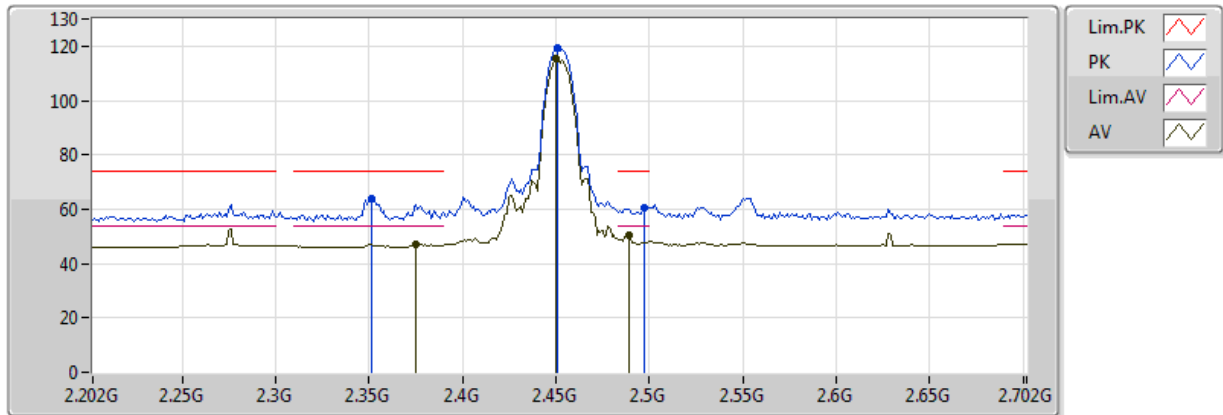


20170721
EUT_Y only_2TX
Setting 25
04-R-2 (FSP 100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.385G	53.94	54.00	-0.06	33.15	3	H	273	1.77	-
AV	2.421G	118.62	Inf	-Inf	33.15	3	H	273	1.77	-
AV	2.494G	48.69	54.00	-5.31	33.20	3	H	273	1.77	-
PK	2.322G	68.94	74.00	-5.06	33.18	3	H	273	1.77	-
PK	2.421G	122.46	Inf	-Inf	33.15	3	H	273	1.77	-
PK	2.497G	65.97	74.00	-8.03	33.20	3	H	273	1.77	-

802.11b_(1Mbps)_2TX

2452MHz_TX

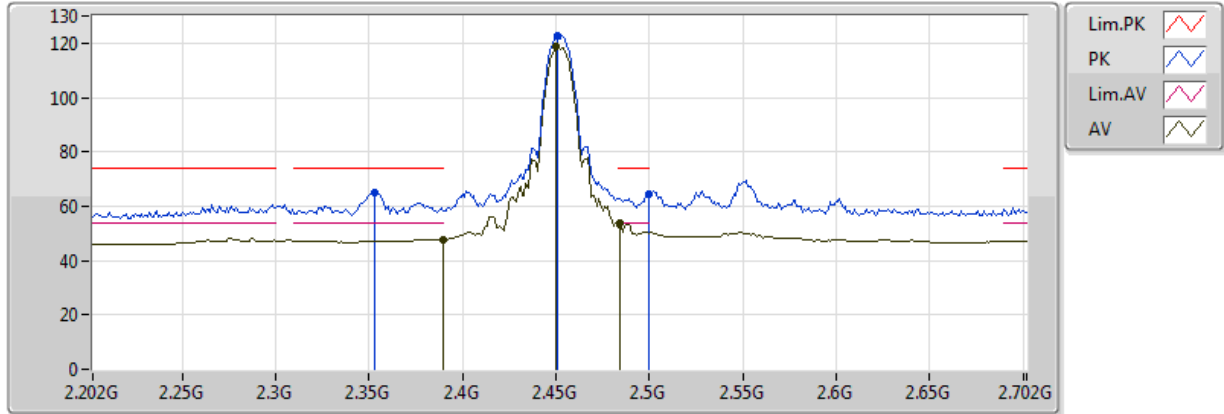


20170721
EUT_Y only_2TX
Setting 26
04-R-2 (FSP 100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.375G	47.06	54.00	-6.94	33.15	3	V	260	1.49	-
AV	2.45G	115.18	Inf	-Inf	33.17	3	V	260	1.49	-
AV	2.489G	50.62	54.00	-3.38	33.19	3	V	260	1.49	-
PK	2.351G	63.91	74.00	-10.09	33.16	3	V	260	1.49	-
PK	2.451G	119.10	Inf	-Inf	33.17	3	V	260	1.49	-
PK	2.497G	60.69	74.00	-13.31	33.20	3	V	260	1.49	-

802.11b_(1Mbps)_2TX

2452MHz_TX

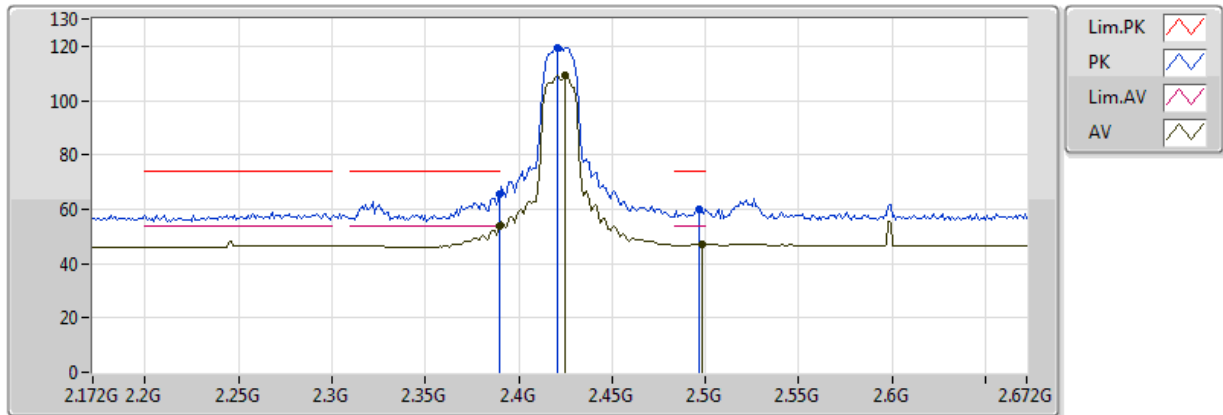


20170721
EUT_Y only_2TX
Setting 26
04-R-2 (FSP 100142)

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	47.68	54.00	-6.32	33.15	3	H	267	1.07	-
AV	2.45G	118.73	Inf	-Inf	33.17	3	H	267	1.07	-
AV	2.484G	53.84	54.00	-0.16	33.19	3	H	267	1.07	-
PK	2.353G	65.26	74.00	-8.74	33.16	3	H	267	1.07	-
PK	2.451G	122.67	Inf	-Inf	33.17	3	H	267	1.07	-
PK	2.5G	64.64	74.00	-9.36	33.20	3	H	267	1.07	-

802.11g_(6Mbps)_2TX

2422MHz_TX

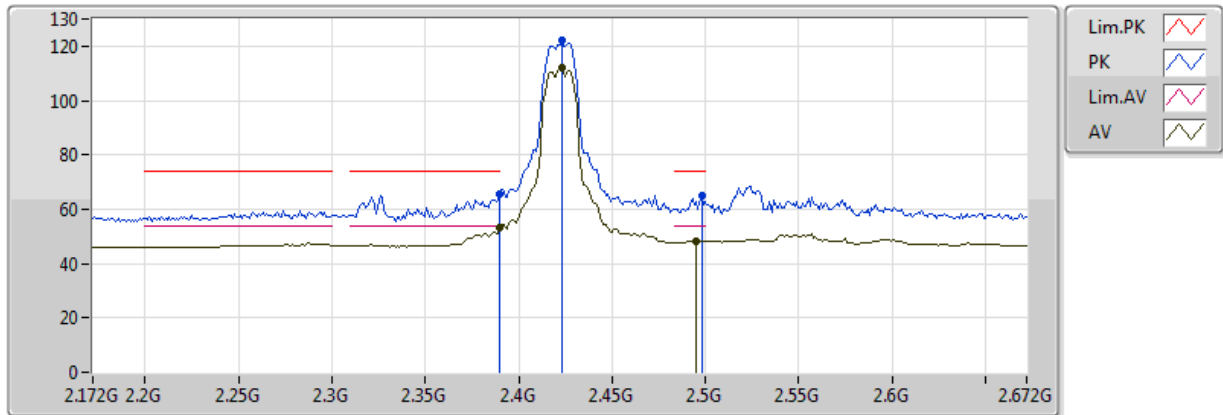


20170721
EUT_Y only_2TX
Setting 22.5
04-R-2 (FSP 100142)

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	53.99	54.00	-0.01	33.15	3	V	274	1.50	-
AV	2.425G	109.05	Inf	-Inf	33.16	3	V	274	1.50	-
AV	2.498G	47.08	54.00	-6.92	33.20	3	V	274	1.50	-
PK	2.389998G	65.83	74.00	-8.17	33.15	3	V	274	1.50	-
PK	2.421G	119.52	Inf	-Inf	33.15	3	V	274	1.50	-
PK	2.497G	60.17	74.00	-13.83	33.20	3	V	274	1.50	-

802.11g_(6Mbps)_2TX

2422MHz_TX

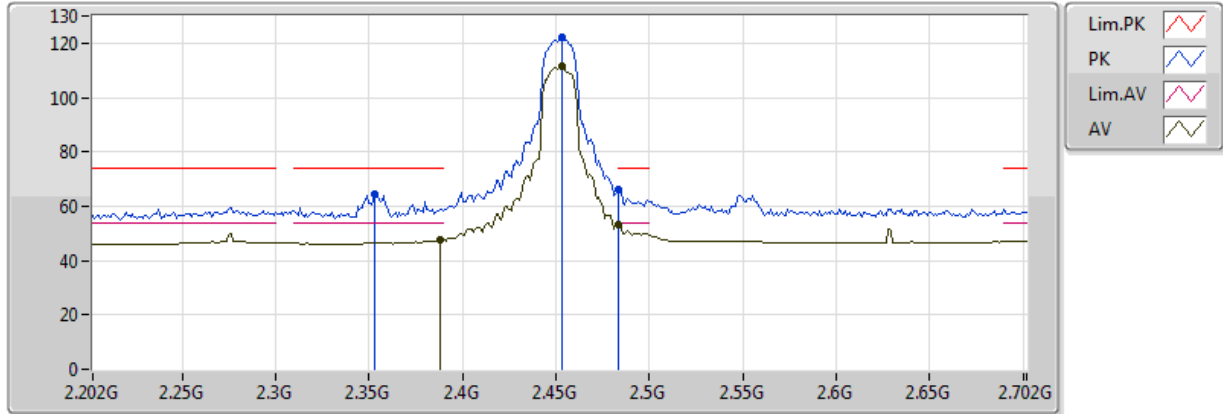


20170721
EUT_Y only_2TX
Setting 22.5
04-R-2 (FSP 100142)

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	53.24	54.00	-0.76	33.15	3	H	267	1.78	-
AV	2.423G	111.80	Inf	-Inf	33.15	3	H	267	1.78	-
AV	2.495G	48.27	54.00	-5.73	33.20	3	H	267	1.78	-
PK	2.389998G	65.36	74.00	-8.64	33.15	3	H	267	1.78	-
PK	2.423G	122.09	Inf	-Inf	33.15	3	H	267	1.78	-
PK	2.498G	64.85	74.00	-9.15	33.20	3	H	267	1.78	-

802.11g_(6Mbps)_2TX

2452MHz_TX

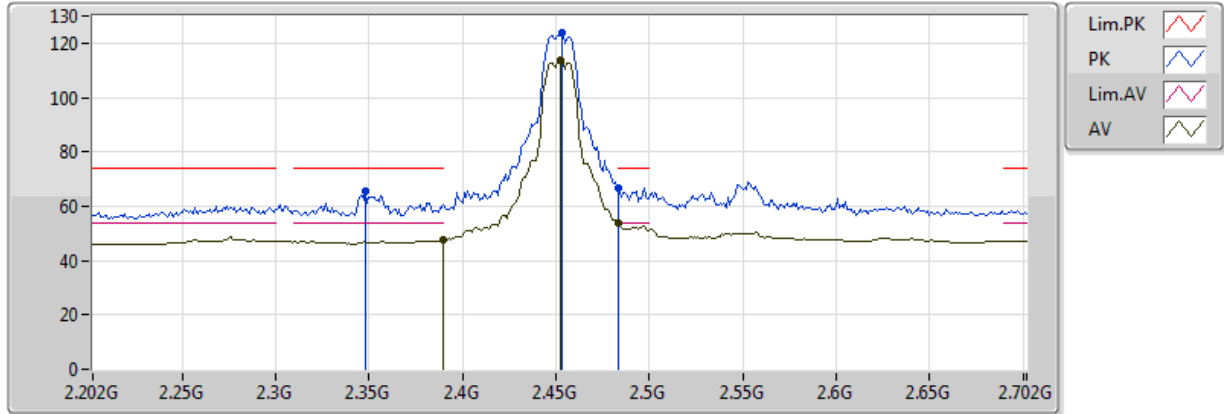


20170721
EUT_Y only_2TX
Setting 24.5
04-R-2 (FSP 100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.388G	47.66	54.00	-6.34	33.15	3	V	254	1.71	-
AV	2.453G	111.64	Inf	-Inf	33.17	3	V	254	1.71	-
AV	2.483502G	53.51	54.00	-0.49	33.19	3	V	254	1.71	-
PK	2.353G	64.19	74.00	-9.81	33.16	3	V	254	1.71	-
PK	2.453G	122.33	Inf	-Inf	33.17	3	V	254	1.71	-
PK	2.483502G	65.96	74.00	-8.04	33.19	3	V	254	1.71	-

802.11g_(6Mbps)_2TX

2452MHz_TX

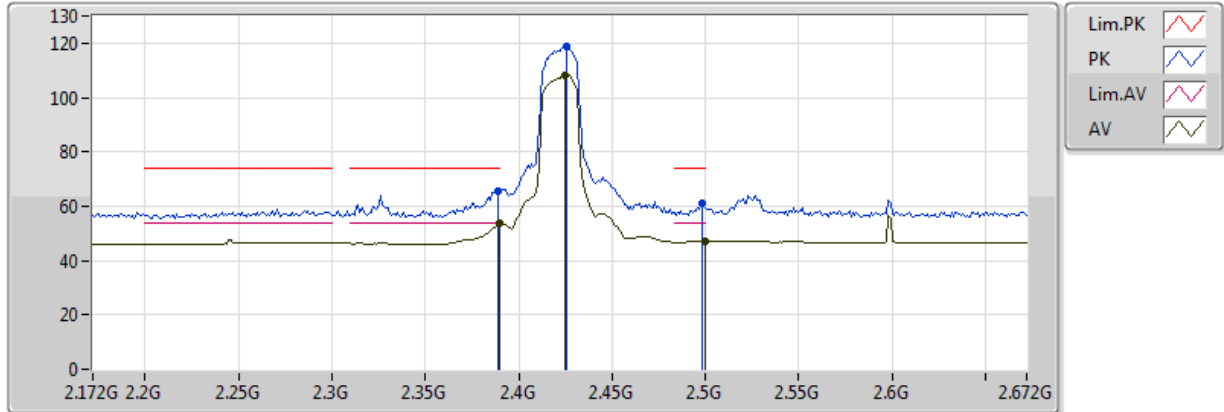


20170721
EUT_Y only_2TX
Setting 24.5
04-R-2 (FSP 100142)

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	47.70	54.00	-6.30	33.15	3	H	265	1.91	-
AV	2.452G	113.74	Inf	-Inf	33.17	3	H	265	1.91	-
AV	2.483502G	53.98	54.00	-0.02	33.19	3	H	265	1.91	-
PK	2.348G	65.76	74.00	-8.24	33.17	3	H	265	1.91	-
PK	2.453G	123.70	Inf	-Inf	33.17	3	H	265	1.91	-
PK	2.483502G	66.61	74.00	-7.39	33.19	3	H	265	1.91	-

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

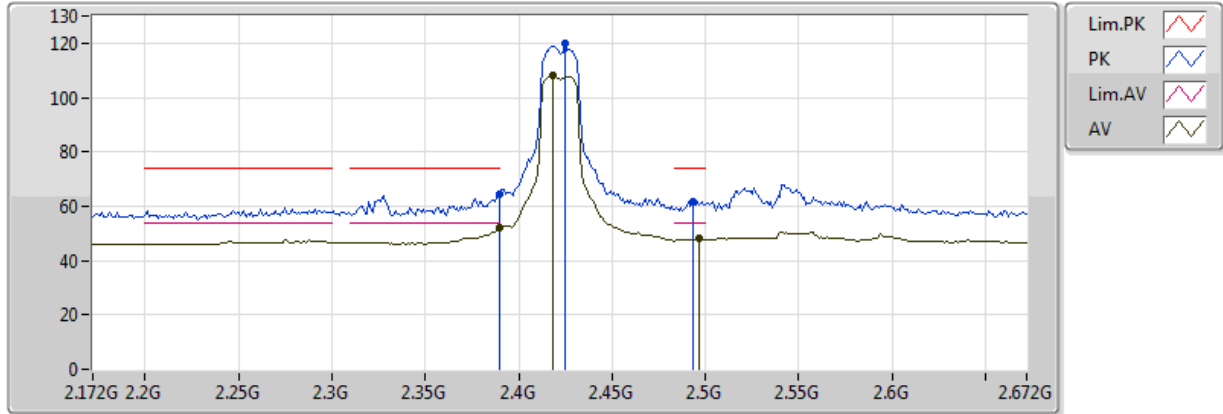


20170721
EUT_Y only_2TX
Setting 22
04-R-2 (FSP 100142)

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	53.54	54.00	-0.46	33.15	3	V	269	1.88	-
AV	2.425G	108.30	Inf	-Inf	33.16	3	V	269	1.88	-
AV	2.5G	47.26	54.00	-6.74	33.20	3	V	269	1.88	-
PK	2.389G	65.84	74.00	-8.16	33.15	3	V	269	1.88	-
PK	2.426G	119.05	Inf	-Inf	33.16	3	V	269	1.88	-
PK	2.498G	60.84	74.00	-13.16	33.20	3	V	269	1.88	-

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

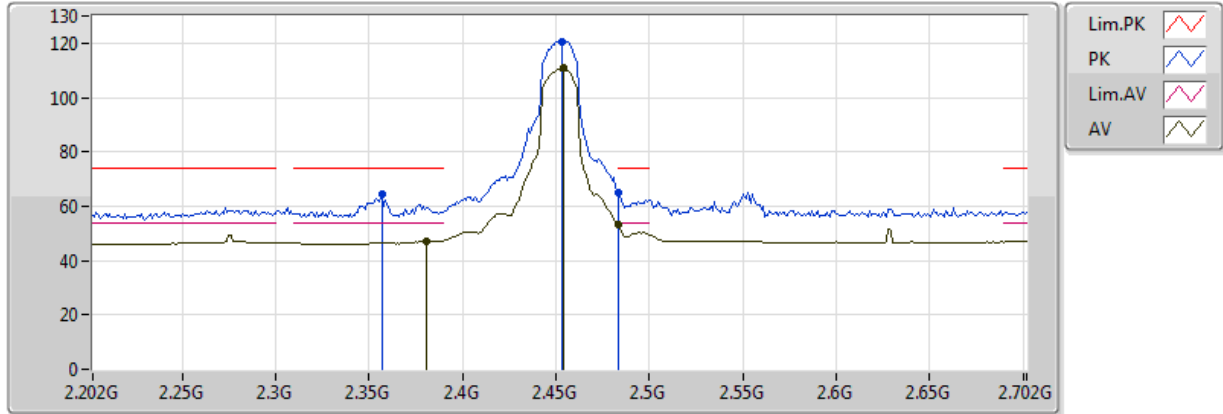


20170721
EUT_Y only_2TX
Setting 22
04-R-2 (FSP 100142)

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	52.34	54.00	-1.66	33.15	3	H	271	1.77	-
AV	2.418G	108.14	Inf	-Inf	33.15	3	H	271	1.77	-
AV	2.497G	48.01	54.00	-5.99	33.20	3	H	271	1.77	-
PK	2.389998G	64.46	74.00	-9.54	33.15	3	H	271	1.77	-
PK	2.425G	119.67	Inf	-Inf	33.16	3	H	271	1.77	-
PK	2.493G	61.82	74.00	-12.18	33.20	3	H	271	1.77	-

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

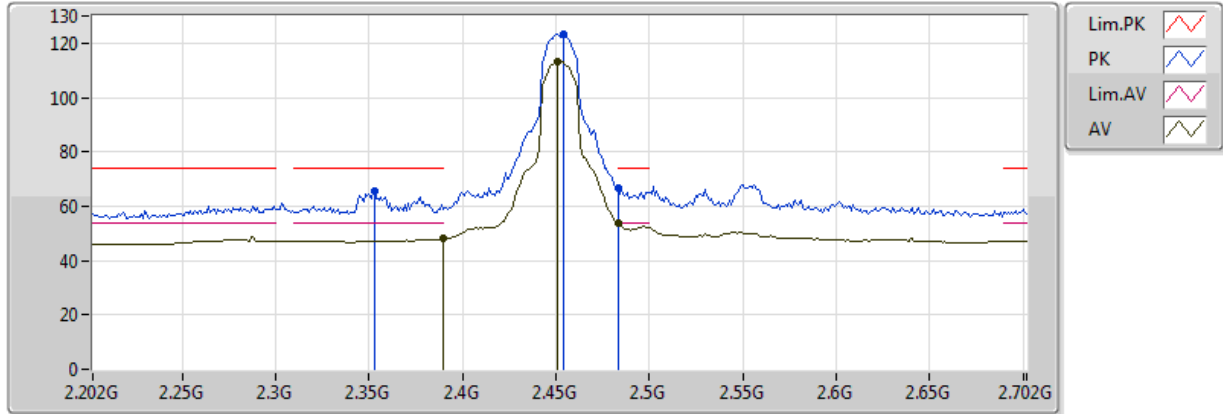


20170721
EUT_Y only_2TX
Setting 25.5
04-R-2 (FSP 100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.381G	47.07	54.00	-6.93	33.15	3	V	260	1.48	-
AV	2.454G	110.73	Inf	-Inf	33.17	3	V	260	1.48	-
AV	2.483502G	53.20	54.00	-0.80	33.19	3	V	260	1.48	-
PK	2.357G	64.30	74.00	-9.70	33.16	3	V	260	1.48	-
PK	2.453G	120.73	Inf	-Inf	33.17	3	V	260	1.48	-
PK	2.483502G	64.90	74.00	-9.10	33.19	3	V	260	1.48	-

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

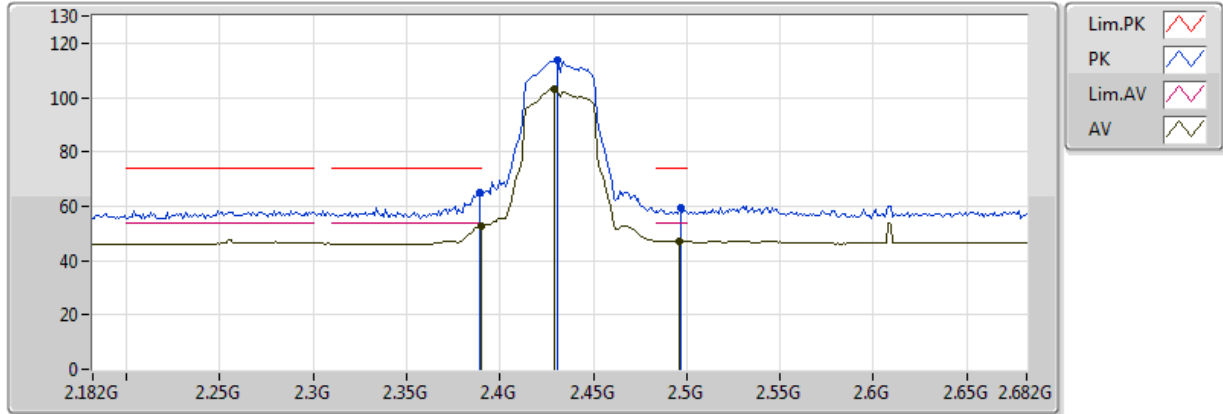


20170721
EUT_Y only_2TX
Setting 25.5
04-R-2 (FSP 100142)

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	48.04	54.00	-5.96	33.15	3	H	266	1.07	-
AV	2.451G	113.37	Inf	-Inf	33.17	3	H	266	1.07	-
AV	2.483502G	53.85	54.00	-0.15	33.19	3	H	266	1.07	-
PK	2.353G	65.63	74.00	-8.37	33.16	3	H	266	1.07	-
PK	2.454G	123.44	Inf	-Inf	33.17	3	H	266	1.07	-
PK	2.483502G	66.64	74.00	-7.36	33.19	3	H	266	1.07	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

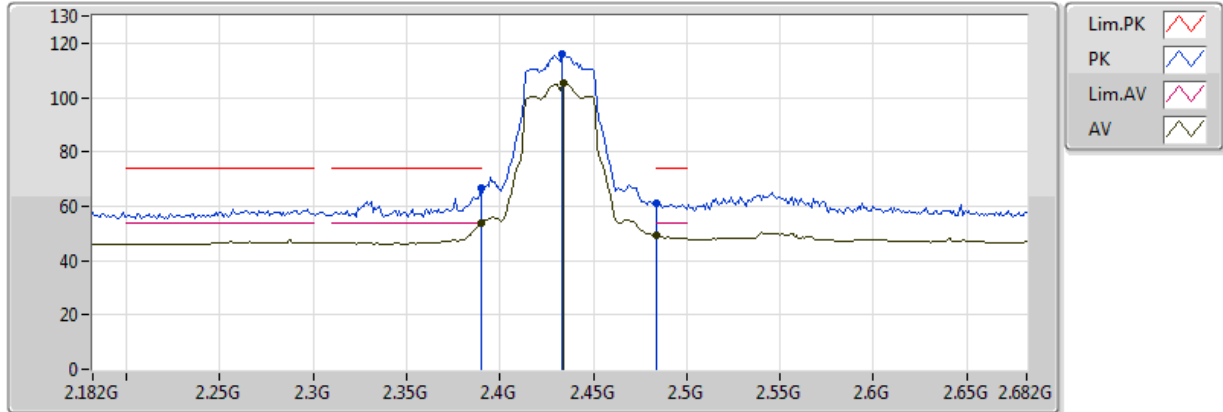


20170721
EUT_Y only_2TX
Setting 19.5
04-R-2 (FSP 100142)

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	52.80	54.00	-1.20	33.15	3	V	258	1.88	-
AV	2.429G	103.06	Inf	-Inf	33.16	3	V	258	1.88	-
AV	2.496G	47.30	54.00	-6.70	33.20	3	V	258	1.88	-
PK	2.389G	64.86	74.00	-9.14	33.15	3	V	258	1.88	-
PK	2.431G	113.70	Inf	-Inf	33.16	3	V	258	1.88	-
PK	2.497G	59.62	74.00	-14.38	33.20	3	V	258	1.88	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

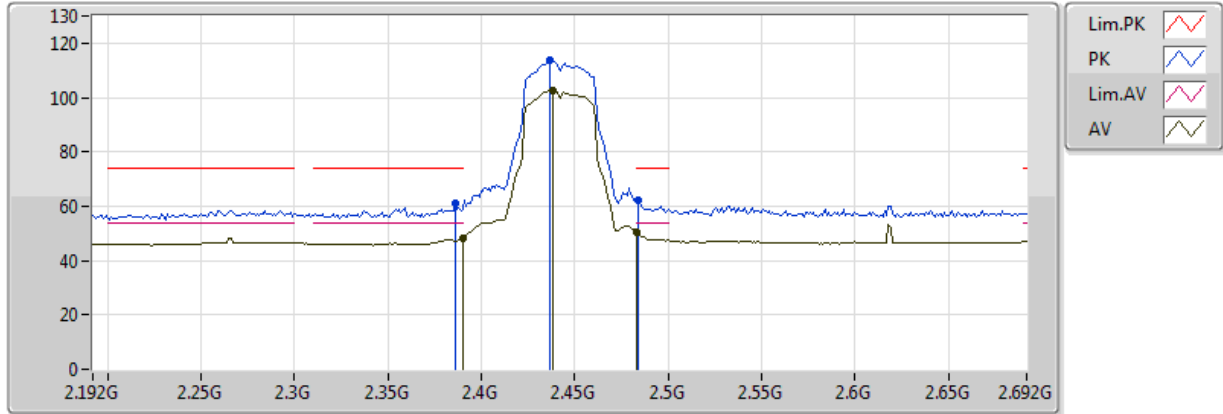


20170721
EUT_Y only_2TX
Setting 19.5
04-R-2 (FSP 100142)

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	53.83	54.00	-0.17	33.15	3	H	265	1.92	-
AV	2.434G	105.35	Inf	-Inf	33.16	3	H	265	1.92	-
AV	2.483502G	49.04	54.00	-4.96	33.19	3	H	265	1.92	-
PK	2.389998G	66.85	74.00	-7.15	33.15	3	H	265	1.92	-
PK	2.433G	116.11	Inf	-Inf	33.16	3	H	265	1.92	-
PK	2.484G	61.33	74.00	-12.67	33.19	3	H	265	1.92	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

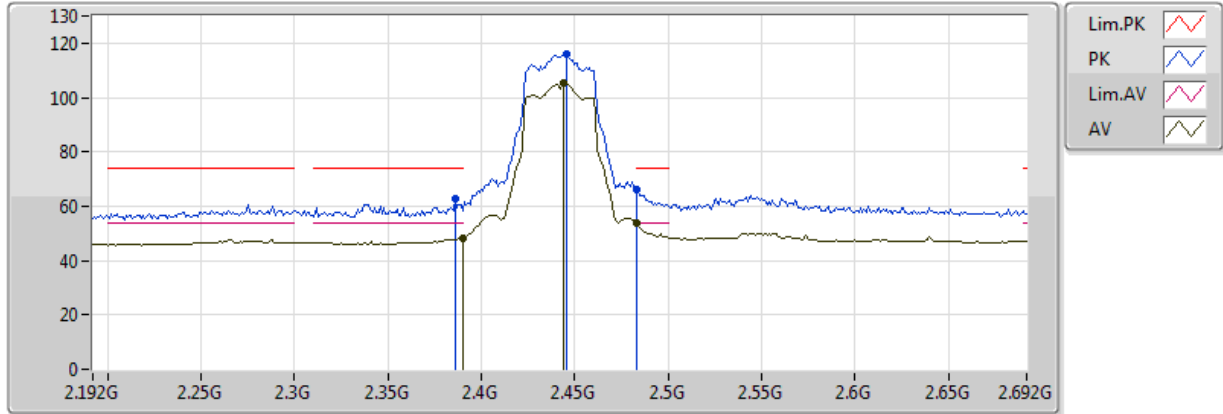


20170721
EUT_Y only_2TX
Setting 20
04-R-2 (FSP 100142)

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	47.91	54.00	-6.09	33.15	3	V	255	1.81	-
AV	2.438G	102.76	Inf	-Inf	33.16	3	V	255	1.81	-
AV	2.483502G	50.62	54.00	-3.38	33.19	3	V	255	1.81	-
PK	2.386G	61.25	74.00	-12.75	33.15	3	V	255	1.81	-
PK	2.437G	113.77	Inf	-Inf	33.16	3	V	255	1.81	-
PK	2.484G	61.95	74.00	-12.05	33.19	3	V	255	1.81	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX



20170721
EUT_Y only_2TX
Setting 20
04-R-2 (FSP 100142)

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	48.35	54.00	-5.65	33.15	3	H	265	1.94	-
AV	2.444G	105.28	Inf	-Inf	33.17	3	H	265	1.94	-
AV	2.483502G	53.53	54.00	-0.47	33.19	3	H	265	1.94	-
PK	2.386G	62.86	74.00	-11.14	33.15	3	H	265	1.94	-
PK	2.446G	116.10	Inf	-Inf	33.17	3	H	265	1.94	-
PK	2.483502G	66.38	74.00	-7.62	33.19	3	H	265	1.94	-