Testing Laboratory
1190

FCC RADIO TEST REPORT

FCC ID	:	TE7KC100
Equipment	:	Kasa Smart Spot
Brand Name	:	tp-link
Model Name	:	KC100
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
Standard	:	47 CFR FCC Part 15.247

The product was received on Oct. 03, 2018, and testing was started from Oct. 17, 2018 and completed on Oct. 29, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.
The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR6N2505-01	01	Initial issue of report	Nov. 14, 2018

Summary of Test Result

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

Reviewed by: Sam Chen
Report Producer: Viola Huang

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.
- 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	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	PCB Antenna	N/A	3.59

Note: The EUT has one antenna.

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

Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.989	0.048	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.922	0.353	1.361m	1k
802.11n HT20	0.933	0.301	1.275m	1k
802.11n HT40	0.859	0.66	633.75u	3k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter or host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Point-to-multipoint	☒	Point-to-point
Test Software Version	Realtek 11n 8188F USB WLAN MP Version 1.25.20170609			

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 v05

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, 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	Jeff Wu	24.3°C / 53%	Oct. 29, 2018
Radiated Below 1GHz	03CH01-CB	Cola Fan	22°C / 54%	Oct. 17, 2018
Radiated Above 1GHz	03CH01-CB	Cola Fan	22°C / 54%	Oct. 24, 2018 ~ Oct. 28, 2018
AC Conduction	CO02-CB	Rick Yeh	25°C / 55%	Oct. 23, 2018

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	PowerSetting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	63
2437MHz	63
2462MHz	63
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	46
2417MHz	60
2422MHz	63
2437MHz	63
2452MHz	63
2457MHz	61
2462MHz	54
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	48
2417MHz	59
2422MHz	63
2437MHz	63
2452MHz	63
2457MHz	60
2462MHz	55
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	48
2427MHz	58
2432MHz	60
2437MHz	62
2442MHz	61
2447MHz	60
2452MHz	59

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	Normal Link
1	Normal Link - EUT + Adapter

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	Normal Link - EUT in X axis + Adapter
2	Normal Link - EUT in Z axis + Adapter
3	Normal Link - EUT in Y axis + Adapter
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT in Z axis

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	MASS POWER	NBS05B050100VUU	INPUT: 100-240V~, 50/60Hz, 0.2A OUTPUT: 5.0V, 1.0A
Others			
USB cable*1, shielded, 2.9m			

2.5 Support Equipment

For Test Site No: CO02-CB

Support Equipment			
Equipment	**Brand Name**	**Model Name**	**FCC ID**
NB	DELL	E6430	N/A
AP Router	Planex	GW-AP54SGX	KA220030603014-1

For Test Site No: 03CH01-CB (below 1GHz)

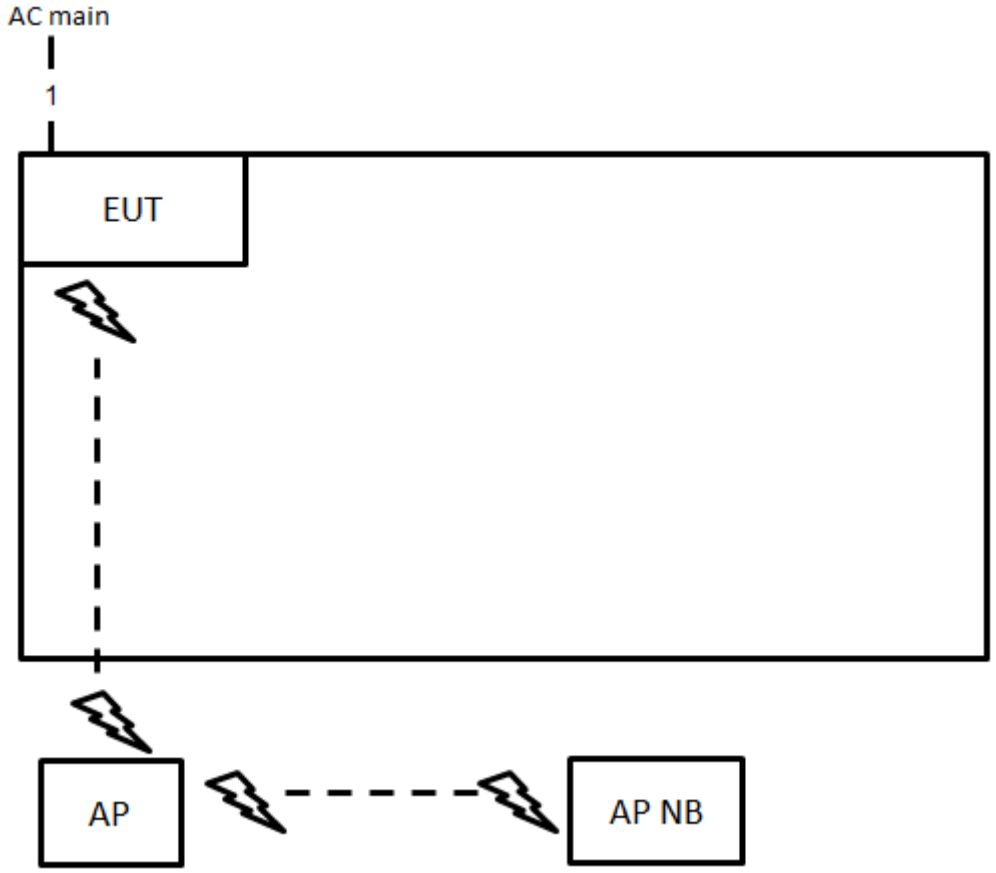
Support Equipment			
Equipment	**Brand Name**	**Model Name**	**FCC ID**
NB	DELL	E4300	N/A
WLAN AP	NETGEAR	WNDR3300v2	PY309300116

For Test Site No: 03CH01-CB (above 1GHz) and TH01-CB

Support Equipment			
Equipment	**Brand Name**	**Model Name**	**FCC ID**
NB	DELL	E4300	N/A

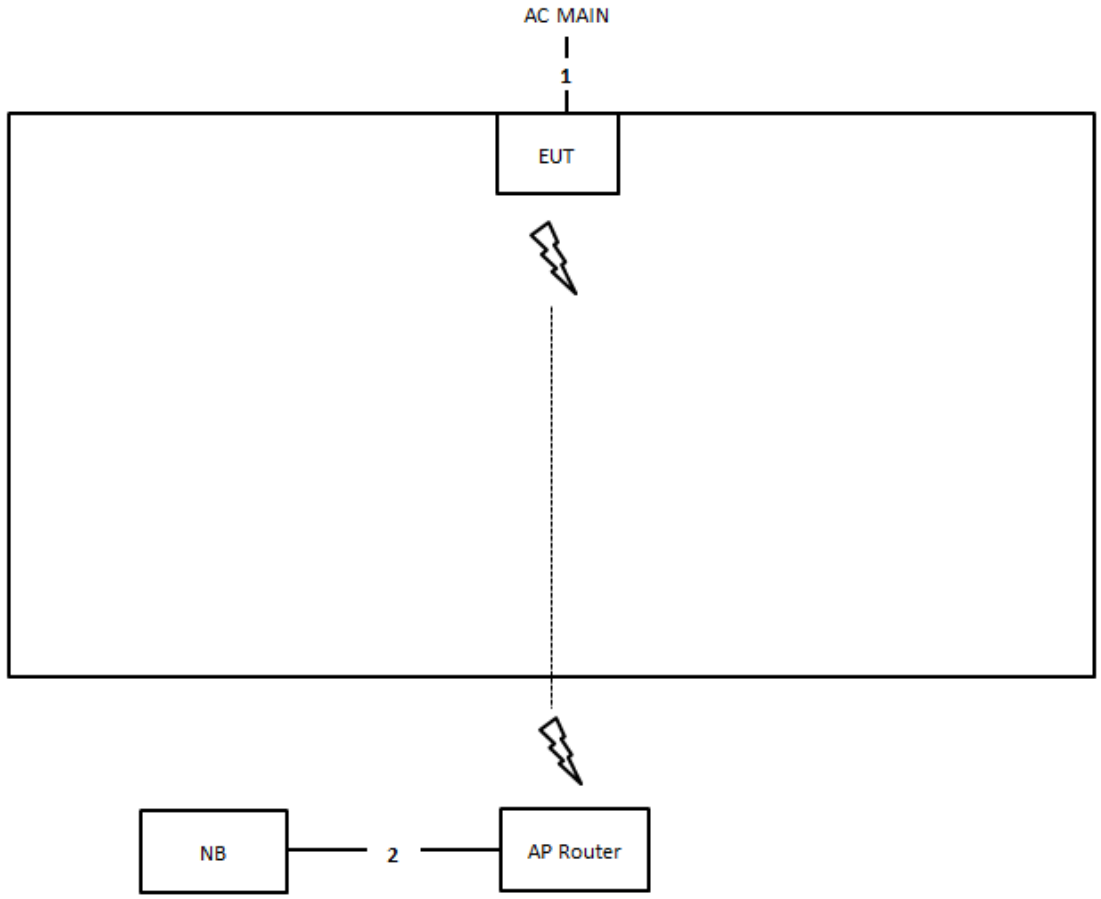
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



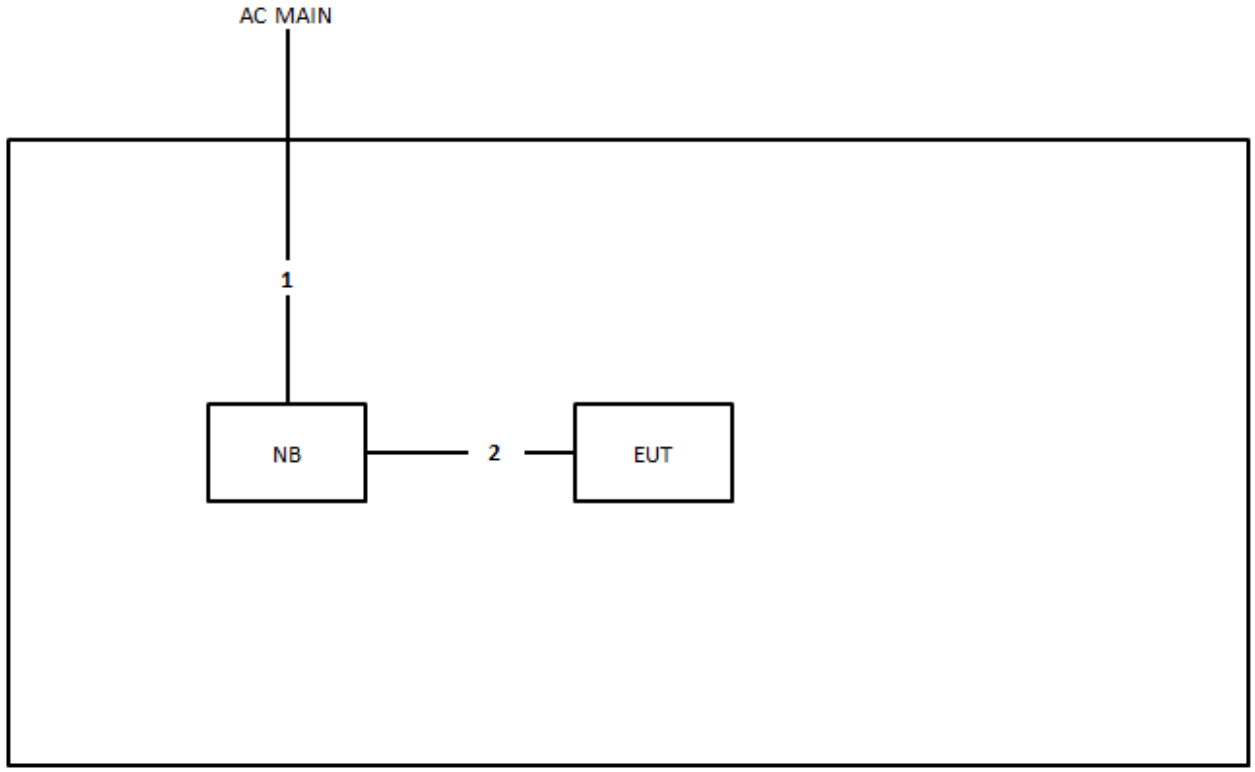
Item	Connection	Shielded	Length
1	USB cable	Yes	2.9m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	Yes	2.9m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	USB cable	Yes	2.9m

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

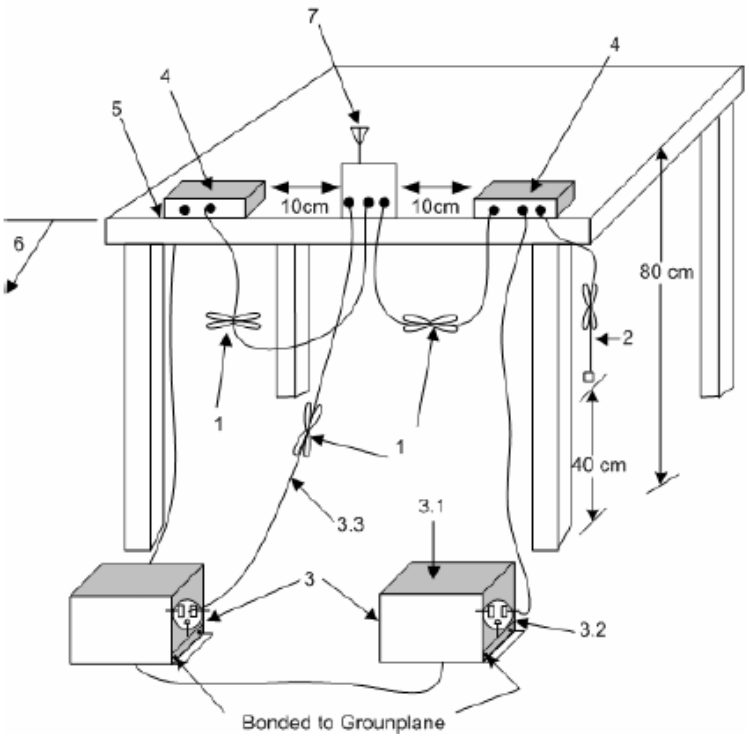
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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 ≥ 500 kHz.

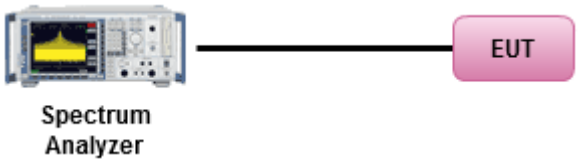
3.2.2 Measuring Instruments

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 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 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

Emission Bandwidth


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 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

3.4.2 Measuring Instruments

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

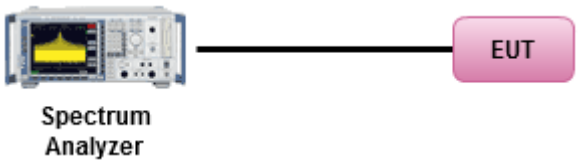
3.4.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).	
	☒ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.2 Method PKPSD.
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.3 Method AVGPSD-1.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.5 Method AVGPSD-2.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.7 Method AVGPSD-3.
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.4 Method AVGPSD-1A. (alternative).
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.6 Method AVGPSD-2A. (alternative)
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.6 Method AVGPSD-3A. (alternative)
▪ 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

Power Spectral Density



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.	

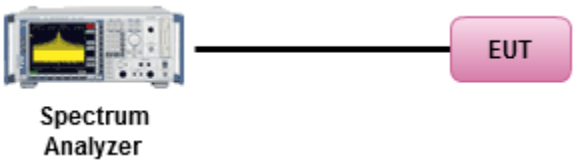
3.5.2 Measuring Instruments

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 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

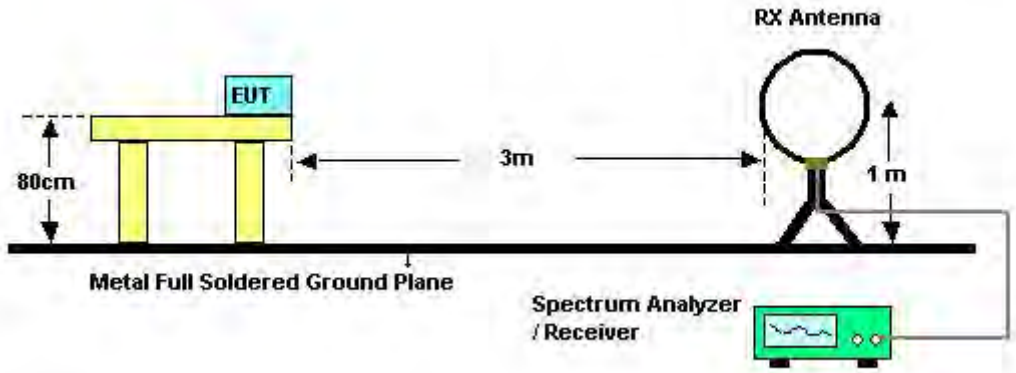
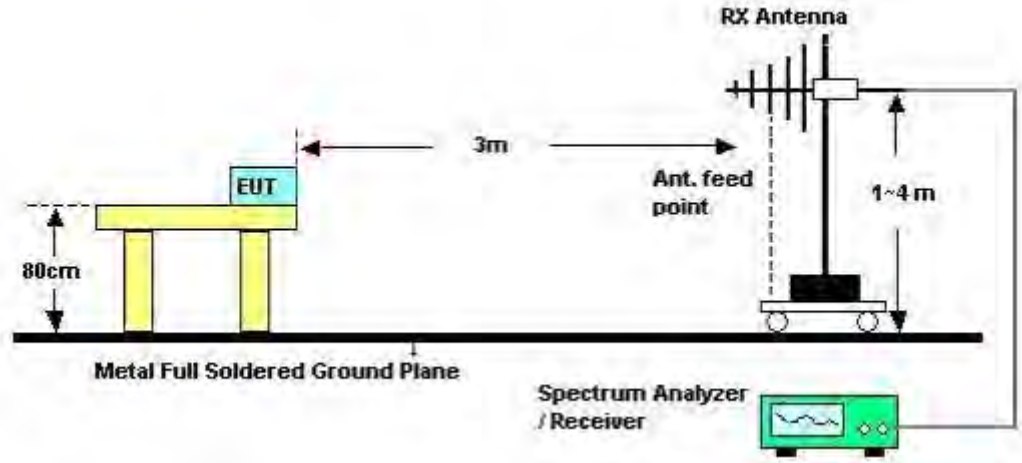
3.6.2 Measuring Instruments

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

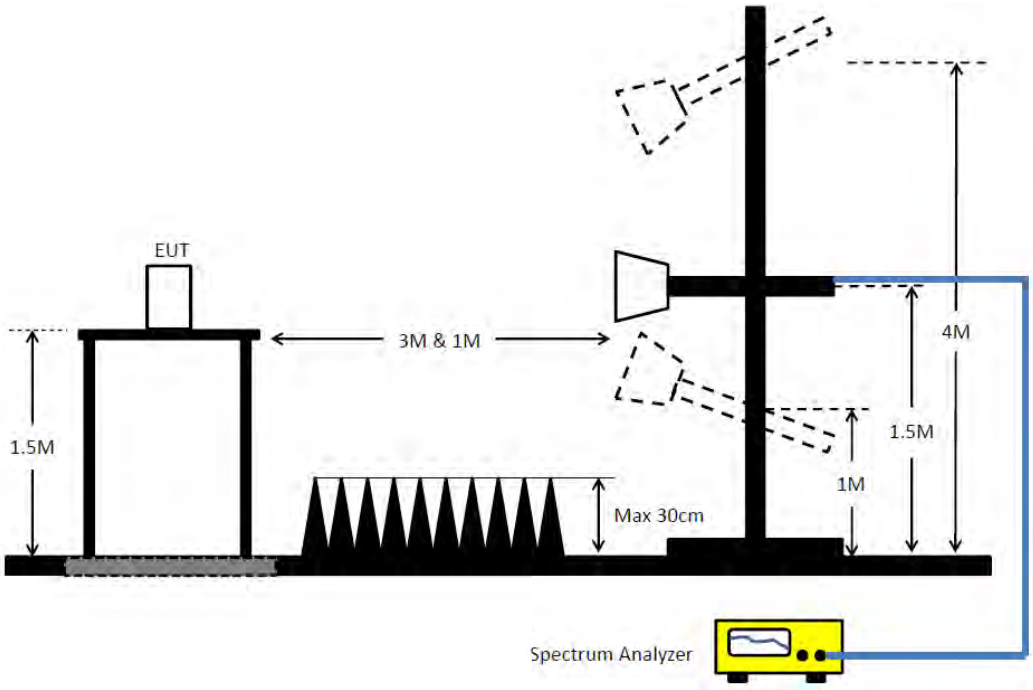
3.6.3 Test Procedures

Test Method		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ Refer as ANSI C63.10, clause 6.9.2.2 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 8.6 for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 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 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 558074 clause 8.7 & c63.10 clause 11.13.1, 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 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.	
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).	
	▪ 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

Transmitter Radiated Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.6.6 Test Result of Transmitter Radiated Unwanted Emissions

Refer as Appendix F

4 Test Equipment and Calibration Data

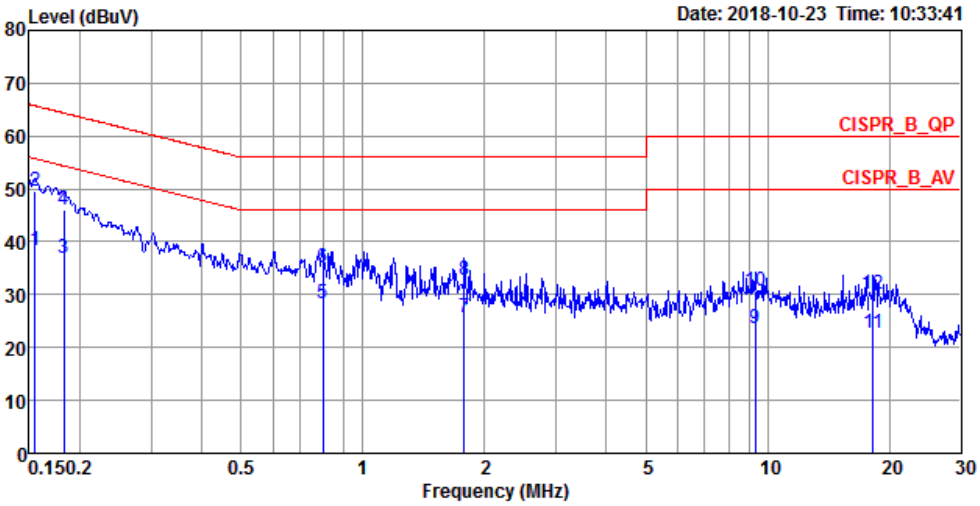
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 24, 2017	Nov. 23, 2018	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 13, 2017	Nov. 12, 2018	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 17, 2018	Jan. 16, 2019	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Nov. 10, 2017	Nov. 09, 2018	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 27, 2018	Aug. 26, 2019	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2018	Mar. 15, 2019	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100354	9kHz ~ 2.75GHz	Dec. 08, 2017	Dec. 07, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)

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

N.C.R. means Non-Calibration required.

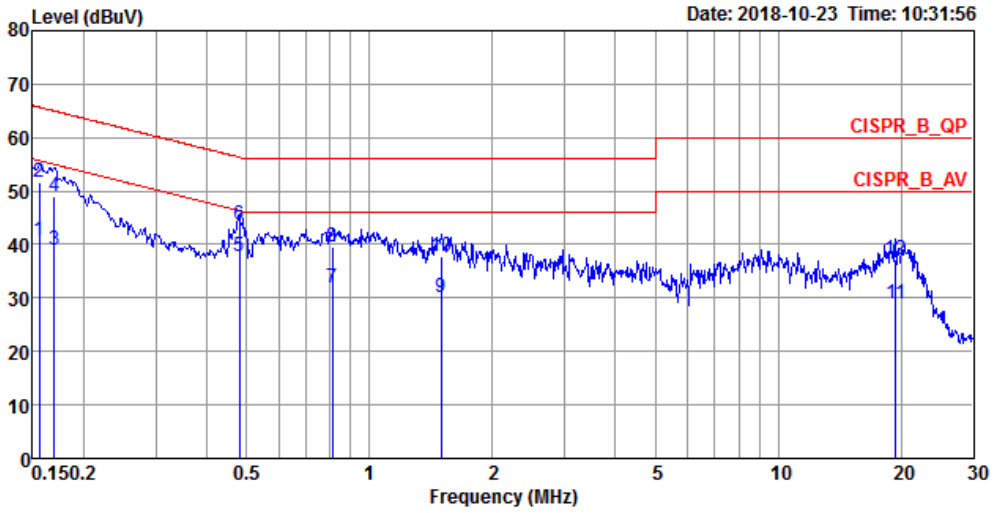
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link - EUT + Adapter		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1548	38.45	-17.29	55.74	28.28	10.16	0.01	Average	LINE
2	0.1548	49.62	-16.12	65.74	39.45	10.16	0.01	QP	LINE
3	0.1825	36.85	-17.52	54.37	26.68	10.16	0.01	Average	LINE
4	0.1825	46.08	-18.29	64.37	35.91	10.16	0.01	QP	LINE
5	0.7960	28.26	-17.74	46.00	18.07	10.17	0.02	Average	LINE
6	0.7960	35.18	-20.82	56.00	24.99	10.17	0.02	QP	LINE
7	1.7810	25.61	-20.39	46.00	15.38	10.19	0.04	Average	LINE
8	1.7810	32.86	-23.14	56.00	22.63	10.19	0.04	QP	LINE
9	9.3024	23.70	-26.30	50.00	13.32	10.31	0.07	Average	LINE
10	9.3024	30.70	-29.30	60.00	20.32	10.31	0.07	QP	LINE
11	18.2316	22.66	-27.34	50.00	12.15	10.40	0.11	Average	LINE
12	18.2316	30.04	-29.96	60.00	19.53	10.40	0.11	QP	LINE

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

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link - EUT + Adapter		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1557	40.59	-15.10	55.69	30.41	10.17	0.01	Average	NEUTRAL
2	0.1557	51.56	-14.13	65.69	41.38	10.17	0.01	QP	NEUTRAL
3	0.1694	38.95	-16.04	54.99	28.77	10.17	0.01	Average	NEUTRAL
4	0.1694	49.14	-15.85	64.99	38.96	10.17	0.01	QP	NEUTRAL
5	0.4812	37.82	-8.50	46.32	27.62	10.17	0.03	Average	NEUTRAL
6	0.4812	43.79	-12.53	56.32	33.59	10.17	0.03	QP	NEUTRAL
7	0.8131	31.90	-14.10	46.00	21.70	10.18	0.02	Average	NEUTRAL
8	0.8131	39.65	-16.35	56.00	29.45	10.18	0.02	QP	NEUTRAL
9	1.4953	30.23	-15.77	46.00	20.00	10.19	0.04	Average	NEUTRAL
10	1.4953	37.85	-18.15	56.00	27.62	10.19	0.04	QP	NEUTRAL
11	19.4284	29.00	-21.00	50.00	18.48	10.40	0.12	Average	NEUTRAL
12	19.4284	37.27	-22.73	60.00	26.75	10.40	0.12	QP	NEUTRAL

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.025M	15.118M	15M1G1D	9.5M	14.248M
802.11g_Nss1,(6Mbps)_1TX	16.325M	19.051M	19M1D1D	16.275M	16.565M
802.11n HT20_Nss1,(MCS0)_1TX	17.35M	19.843M	19M8D1D	16.9M	17.632M
802.11n HT40_Nss1,(MCS0)_1TX	35.7M	36.302M	36M3D1D	35.4M	36.053M

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

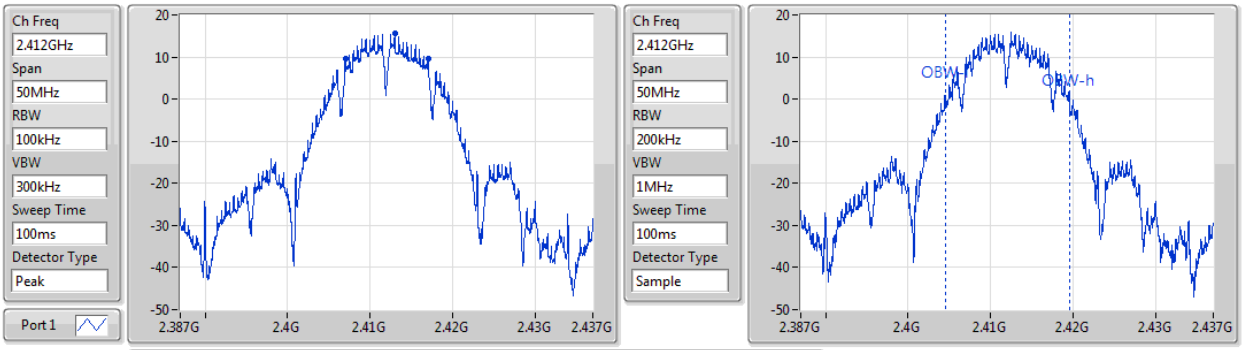
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	10.025M	15.118M
2437MHz	Pass	500k	9.525M	14.599M
2462MHz	Pass	500k	9.5M	14.248M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.588M
2437MHz	Pass	500k	16.275M	19.051M
2462MHz	Pass	500k	16.325M	16.565M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.35M	17.735M
2437MHz	Pass	500k	16.975M	19.843M
2462MHz	Pass	500k	16.9M	17.632M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.65M	36.123M
2437MHz	Pass	500k	35.4M	36.302M
2452MHz	Pass	500k	35.7M	36.053M

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

802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

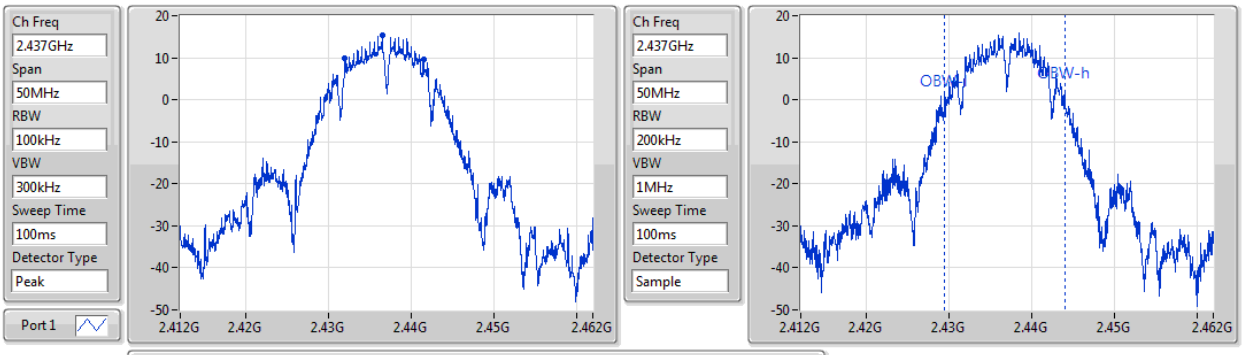
29/10/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.407G	2.417025G	15.118M	2.404481G	2.419599G	500k	1

802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

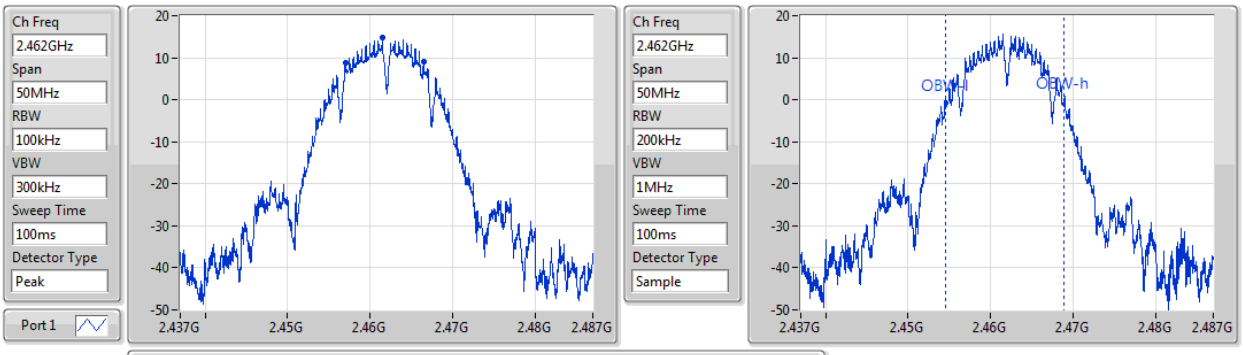
29/10/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.525M	2.431975G	2.4415G	14.599M	2.429392G	2.443992G	500k	1

802.11b_Nss1,(1Mbps)_1TX
EBW
2462MHz

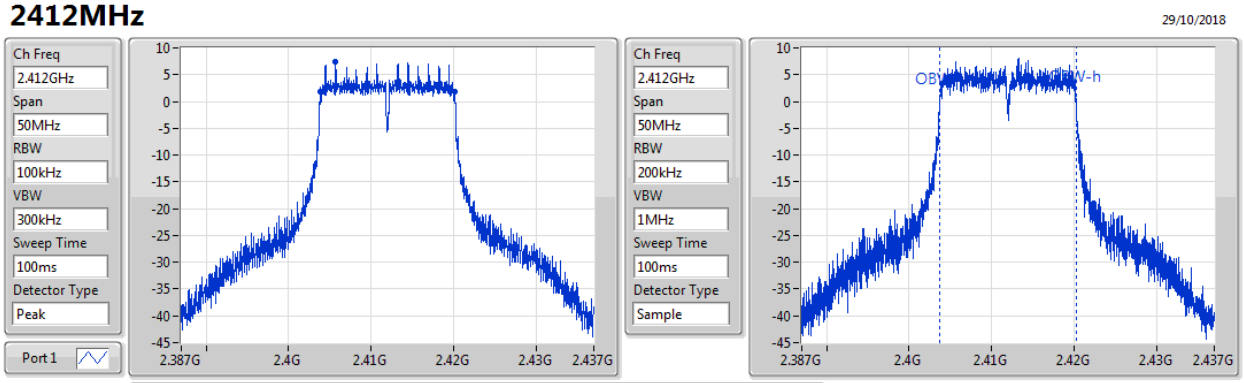
29/10/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.5M	2.457G	2.4665G	14.248M	2.454591G	2.46884G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

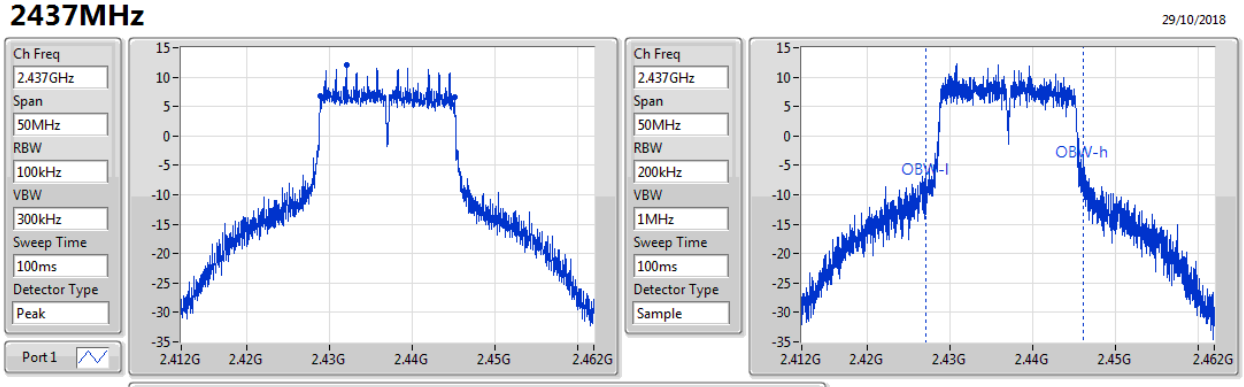
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.588M	2.403688G	2.420277G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

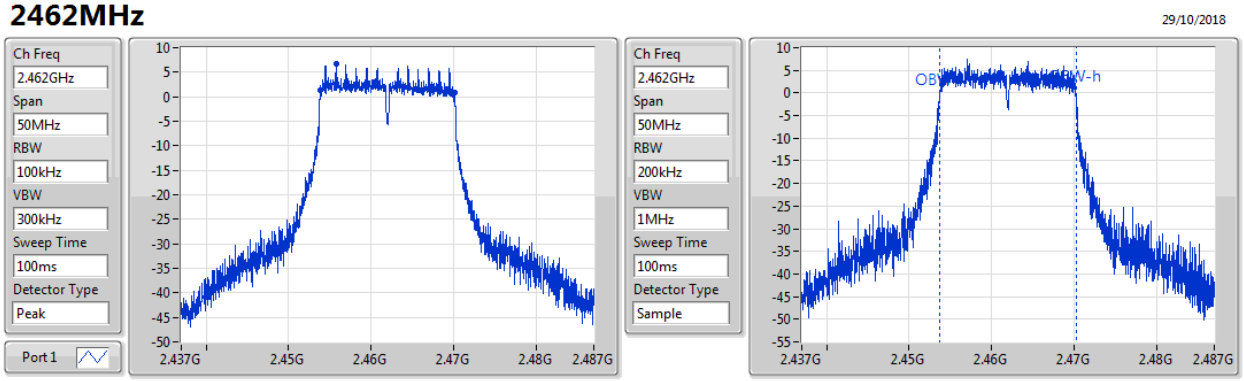
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.42885G	2.445125G	19.051M	2.427083G	2.446134G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2462MHz



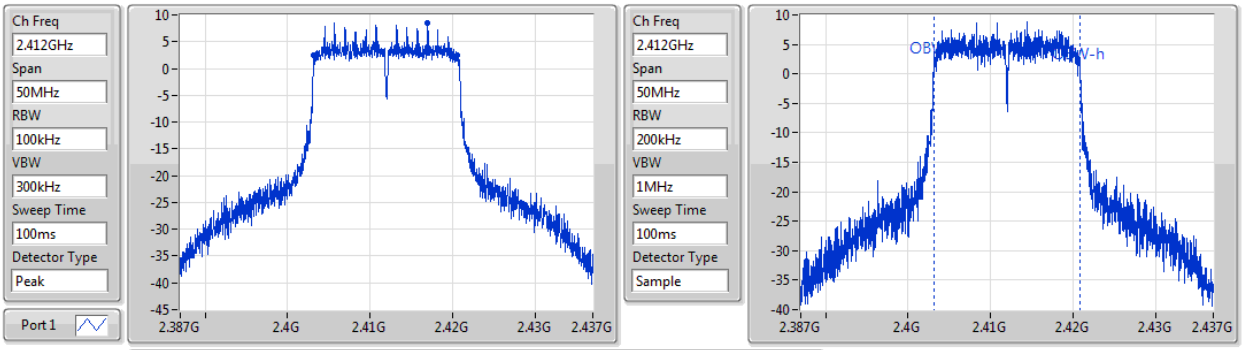
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.565M	2.453665G	2.470231G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

29/10/2018



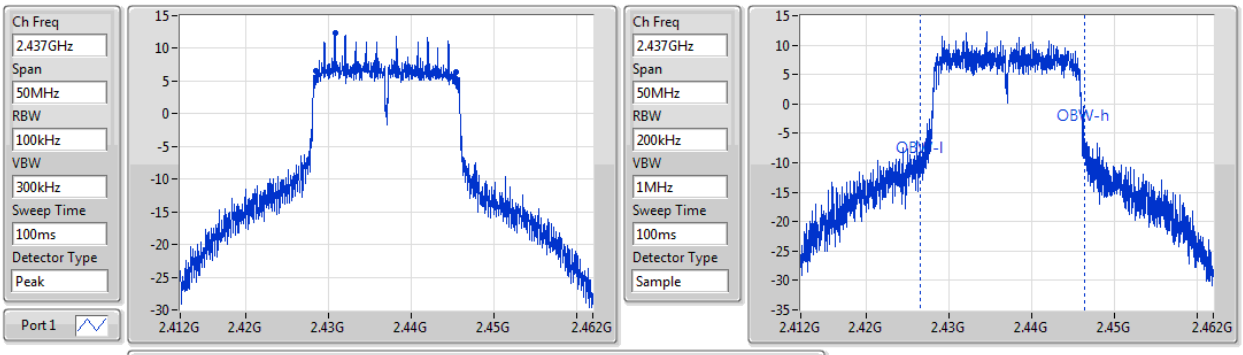
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.35M	2.403225G	2.420575G	17.735M	2.403124G	2.420859G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

29/10/2018



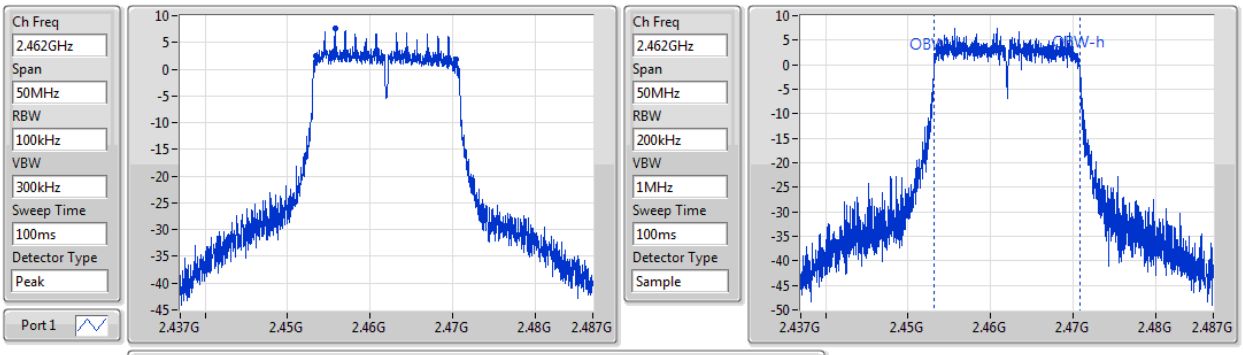
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.975M	2.428475G	2.44545G	19.843M	2.42655G	2.446393G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2462MHz

29/10/2018

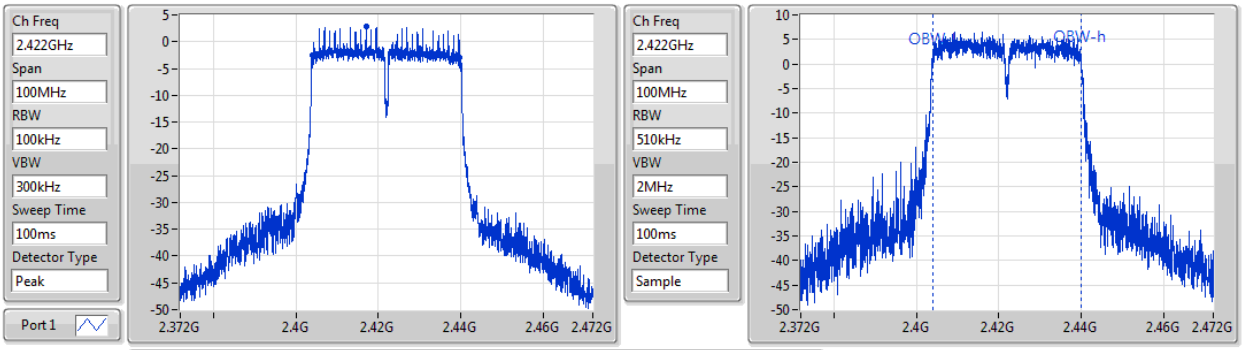


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.453475G	2.470375G	17.632M	2.453151G	2.470783G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2422MHz

29/10/2018

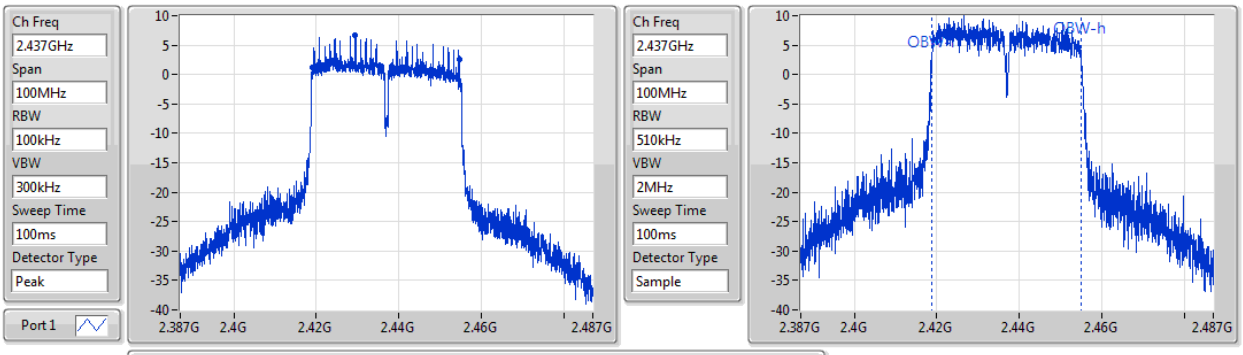


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	2.4041G	2.43975G	36.123M	2.403915G	2.440038G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2437MHz

29/10/2018

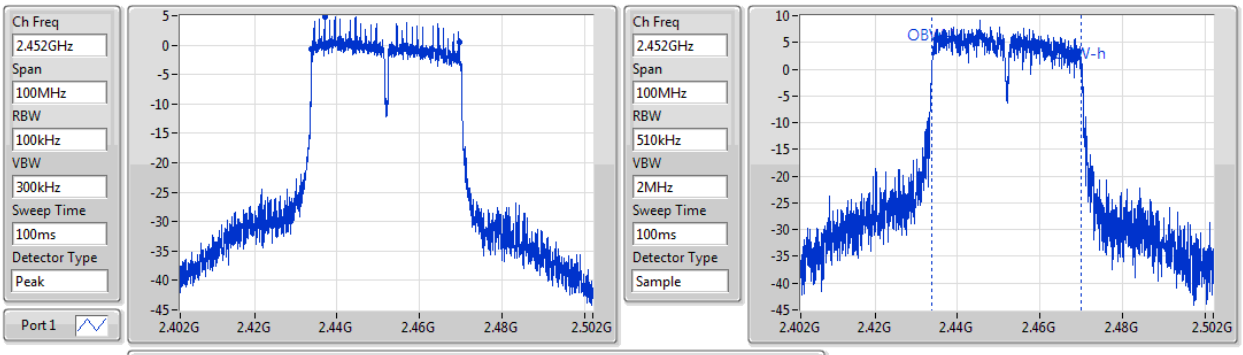


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.4M	2.41915G	2.45455G	36.302M	2.418727G	2.455029G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2452MHz

29/10/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.43385G	2.46955G	36.053M	2.433877G	2.46993G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	24.13	0.25882
802.11g_Nss1,(6Mbps)_1TX	22.30	0.16982
802.11n HT20_Nss1,(MCS0)_1TX	22.62	0.18281
802.11n HT40_Nss1,(MCS0)_1TX	20.64	0.11588

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.59	23.95	23.95	30.00
2437MHz	Pass	3.59	24.13	24.13	30.00
2462MHz	Pass	3.59	23.40	23.40	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.59	17.86	17.86	30.00
2417MHz	Pass	3.59	21.62	21.62	30.00
2422MHz	Pass	3.59	22.22	22.22	30.00
2437MHz	Pass	3.59	22.30	22.30	30.00
2452MHz	Pass	3.59	21.84	21.84	30.00
2457MHz	Pass	3.59	20.80	20.80	30.00
2462MHz	Pass	3.59	18.07	18.07	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.59	19.04	19.04	30.00
2417MHz	Pass	3.59	21.37	21.37	30.00
2422MHz	Pass	3.59	22.41	22.41	30.00
2437MHz	Pass	3.59	22.62	22.62	30.00
2452MHz	Pass	3.59	21.80	21.80	30.00
2457MHz	Pass	3.59	20.44	20.44	30.00
2462MHz	Pass	3.59	17.91	17.91	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.59	16.83	16.83	30.00
2427MHz	Pass	3.59	19.24	19.24	30.00
2432MHz	Pass	3.59	20.26	20.26	30.00
2437MHz	Pass	3.59	20.64	20.64	30.00
2442MHz	Pass	3.59	19.68	19.68	30.00
2447MHz	Pass	3.59	19.39	19.39	30.00
2452MHz	Pass	3.59	18.62	18.62	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	1.61
802.11g_Nss1,(6Mbps)_1TX	-3.12
802.11n HT20_Nss1,(MCS0)_1TX	-2.89
802.11n HT40_Nss1,(MCS0)_1TX	-8.20

RBW=3kHz.

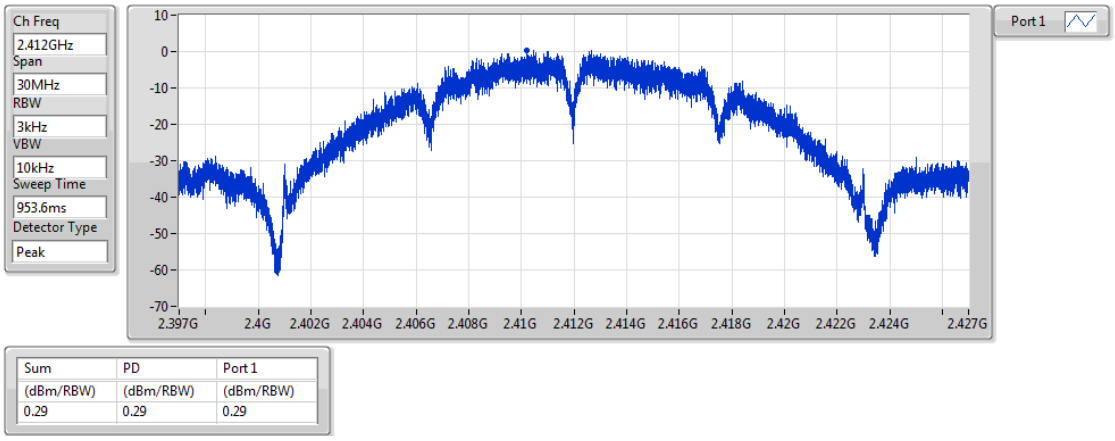
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.59	0.29	0.29	8.00
2437MHz	Pass	3.59	1.61	1.61	8.00
2462MHz	Pass	3.59	0.29	0.29	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.59	-6.94	-6.94	8.00
2437MHz	Pass	3.59	-3.12	-3.12	8.00
2462MHz	Pass	3.59	-7.89	-7.89	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.59	-7.00	-7.00	8.00
2437MHz	Pass	3.59	-2.89	-2.89	8.00
2462MHz	Pass	3.59	-8.24	-8.24	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.59	-11.33	-11.33	8.00
2437MHz	Pass	3.59	-8.20	-8.20	8.00
2452MHz	Pass	3.59	-9.57	-9.57	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 Xpower density;

802.11b_Nss1,(1Mbps)_1TX PSD

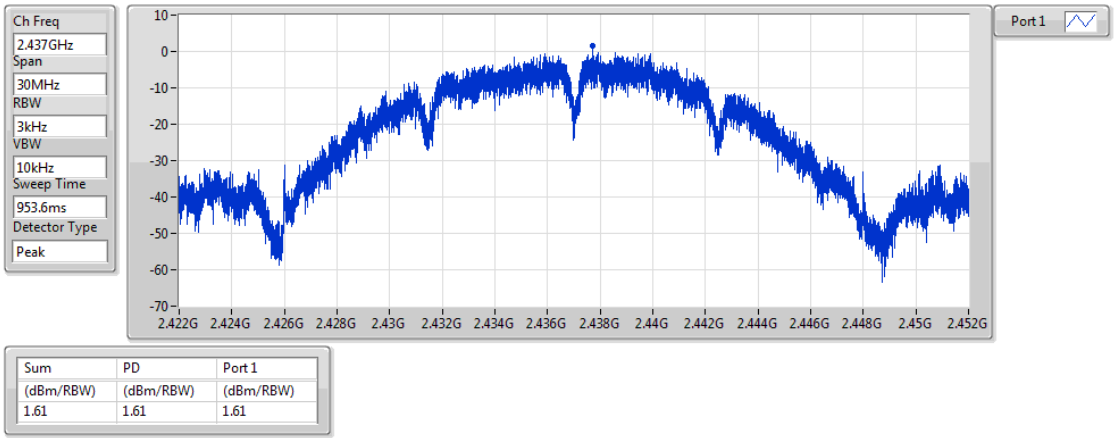
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.29	0.29	0.29

802.11b_Nss1,(1Mbps)_1TX PSD

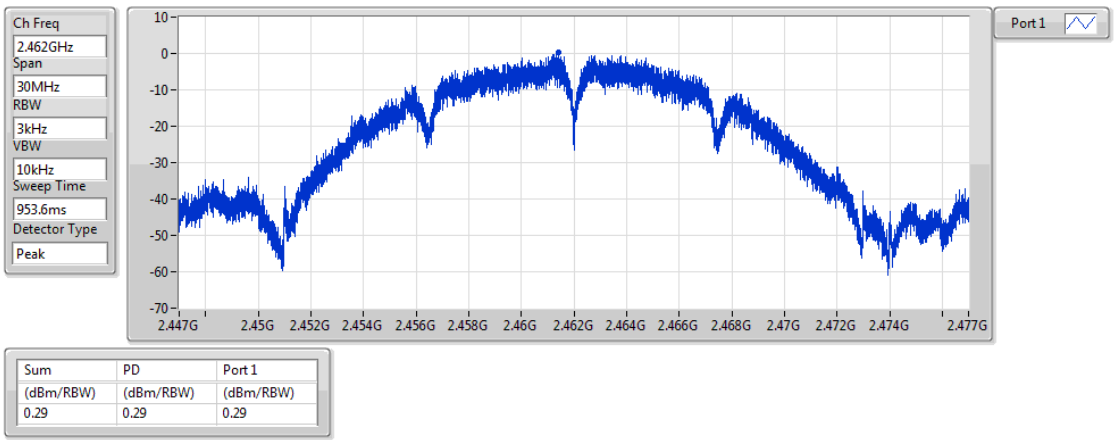
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.61	1.61	1.61

802.11b_Nss1,(1Mbps)_1TX PSD

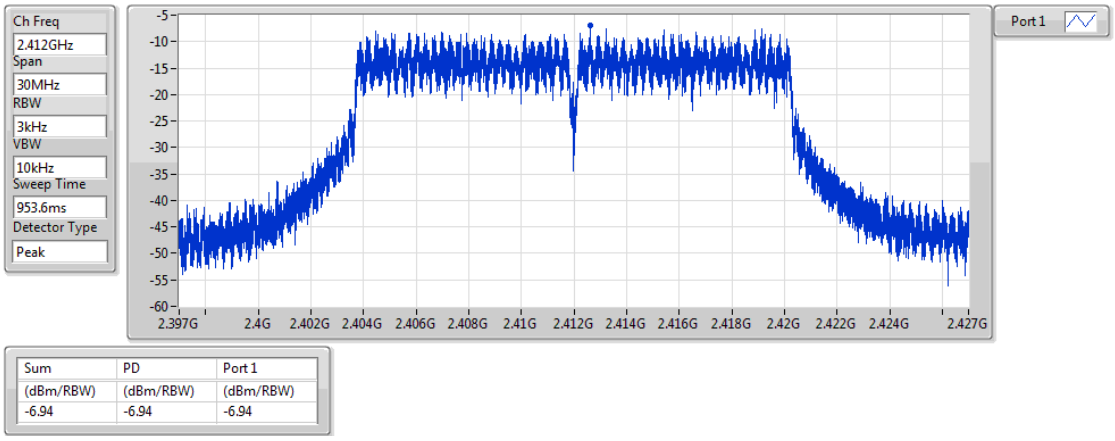
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.29	0.29	0.29

802.11g_Nss1,(6Mbps)_1TX **PSD**

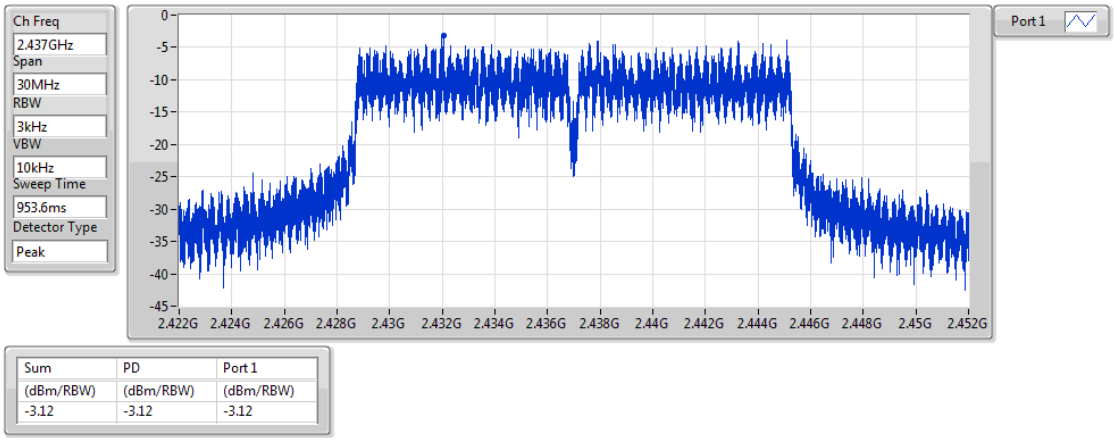
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.94	-6.94	-6.94

802.11g_Nss1,(6Mbps)_1TX **PSD**

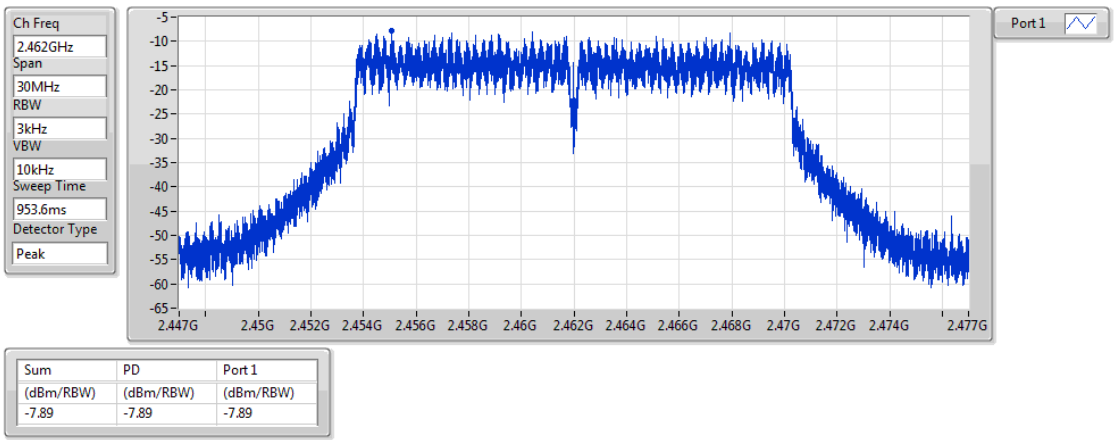
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.12	-3.12	-3.12

802.11g_Nss1,(6Mbps)_1TX **PSD**

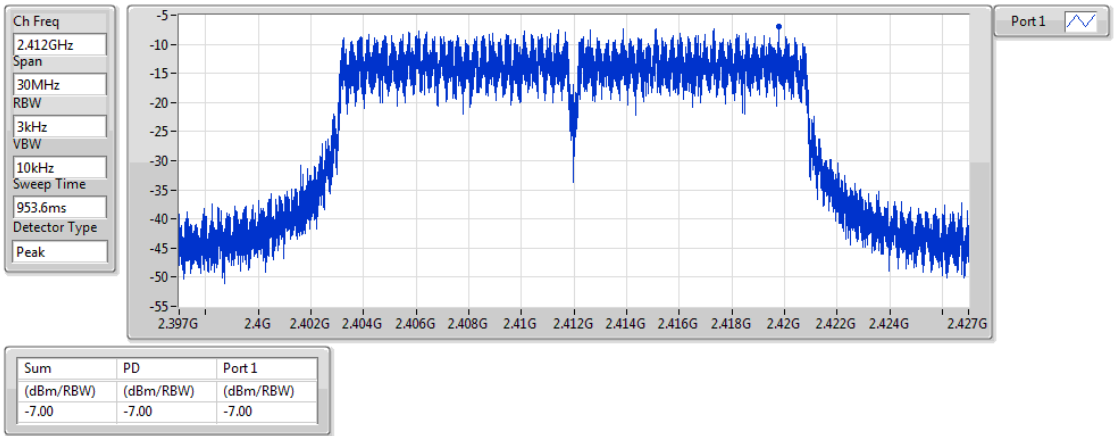
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.89	-7.89	-7.89

802.11n HT20_Nss1,(MCS0)_1TX PSD

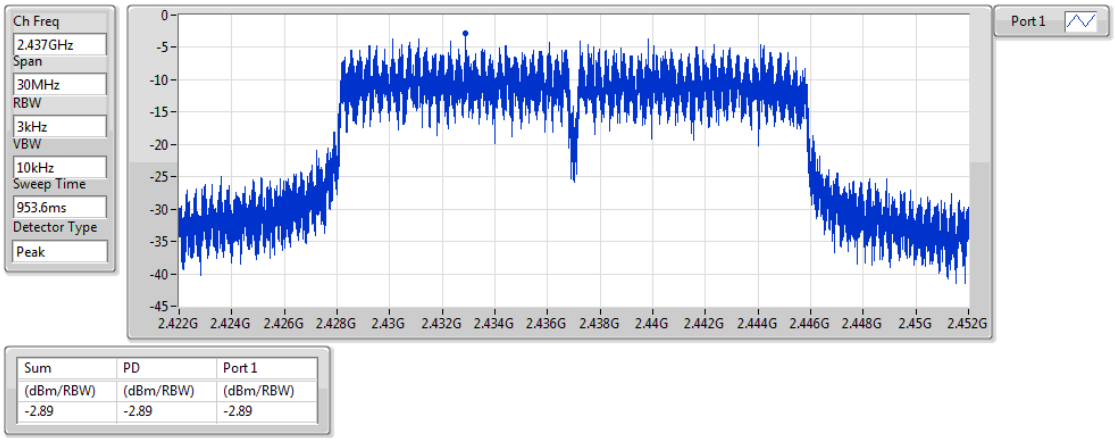
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.00	-7.00	-7.00

802.11n HT20_Nss1,(MCS0)_1TX PSD

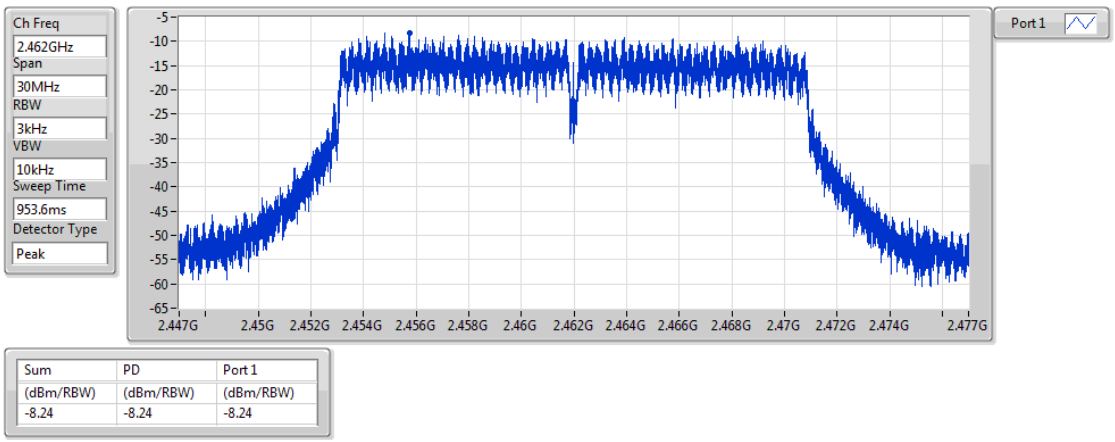
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.89	-2.89	-2.89

802.11n HT20_Nss1,(MCS0)_1TX PSD

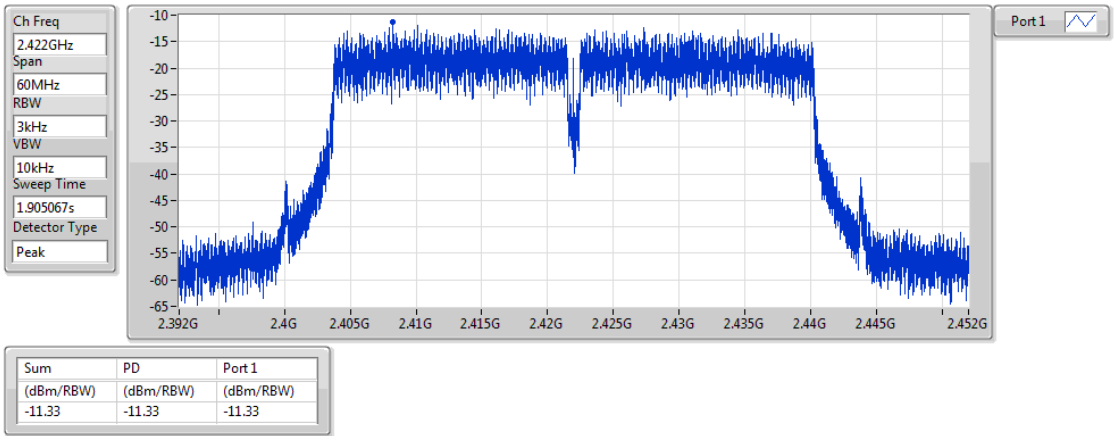
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.24	-8.24	-8.24

802.11n HT40_Nss1,(MCS0)_1TX **PSD**

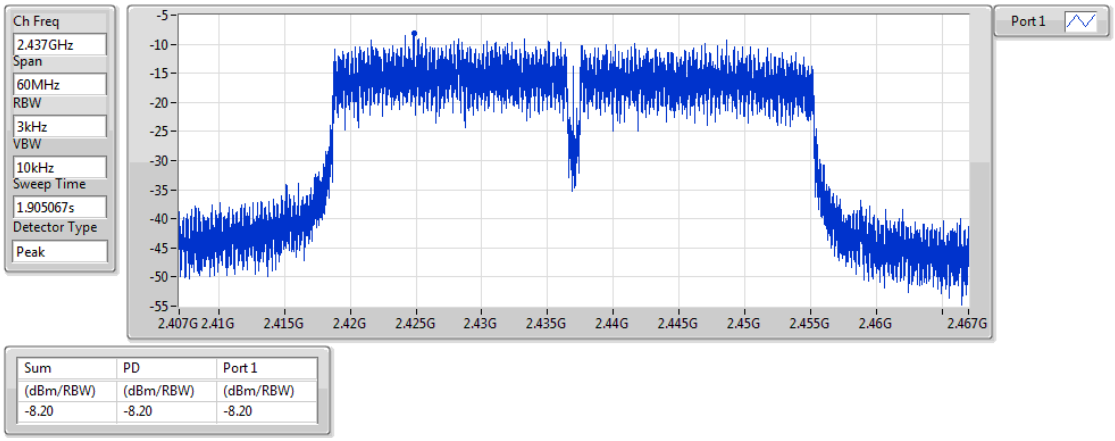
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.33	-11.33	-11.33

802.11n HT40_Nss1,(MCS0)_1TX **PSD**

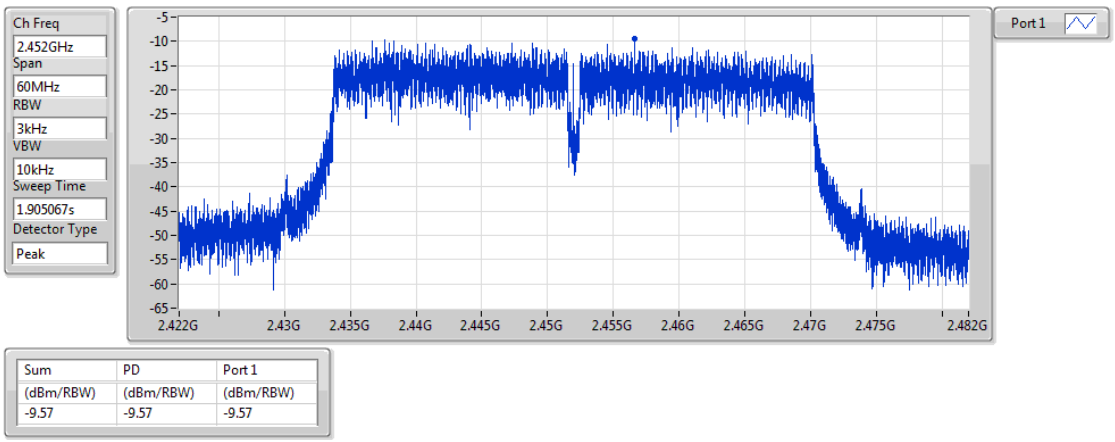
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.20	-8.20	-8.20

802.11n HT40_Nss1,(MCS0)_1TX **PSD**

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.57	-9.57	-9.57

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.437909G	13.88	-16.12	2.30175G	-59.55	2.398G	-23.07	2.48942G	-50.83	6.788416G	-55.08	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.443253G	4.30	-25.70	900.255M	-60.98	2.39984G	-42.60	2.49078G	-57.90	6.777178G	-55.63	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.432064G	5.01	-24.99	2.309905G	-61.63	2.39976G	-39.33	2.48502G	-56.51	6.805273G	-55.24	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.431897G	2.05	-27.95	2.307405G	-61.13	2.39984G	-37.33	2.49438G	-56.18	6.846067G	-55.85	1

Result

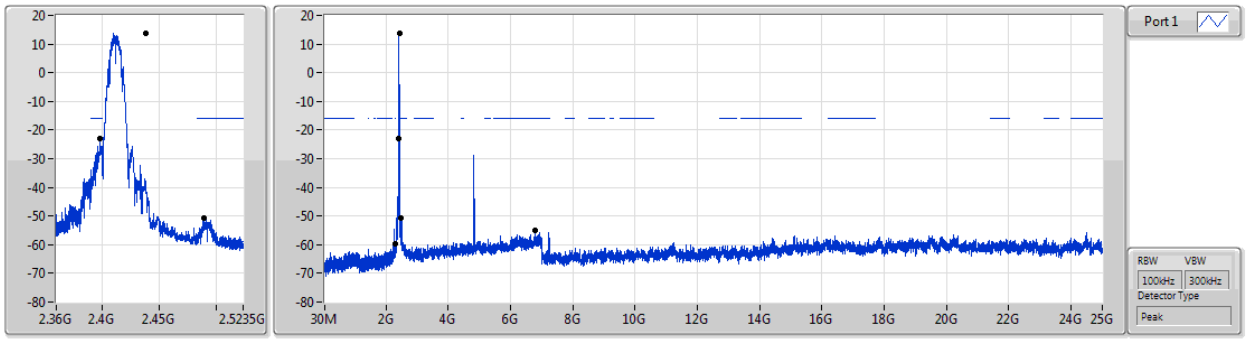
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.437909G	13.88	-16.12	2.30175G	-59.55	2.398G	-23.07	2.48942G	-50.83	6.788416G	-55.08	1
2437MHz	Pass	2.437909G	13.88	-16.12	2.307575G	-59.87	2.398G	-41.38	2.51798G	-50.40	6.914846G	-55.96	1
2462MHz	Pass	2.437909G	13.88	-16.12	2.30641G	-59.20	2.39992G	-50.81	2.48398G	-52.32	2.540357G	-54.94	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.443253G	4.30	-25.70	900.255M	-60.98	2.39984G	-42.60	2.49078G	-57.90	6.777178G	-55.63	1
2437MHz	Pass	2.443253G	4.30	-25.70	2.309905G	-61.63	2.39432G	-50.03	2.51038G	-53.16	6.973847G	-55.37	1
2462MHz	Pass	2.443253G	4.30	-25.70	2.300585G	-61.47	2.39992G	-54.23	2.4923G	-56.99	6.959799G	-55.74	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.432064G	5.01	-24.99	2.309905G	-61.63	2.39976G	-39.33	2.48502G	-56.51	6.805273G	-55.24	1
2437MHz	Pass	2.432064G	5.01	-24.99	2.309905G	-61.39	2.39144G	-51.43	2.49686G	-53.09	6.369791G	-56.08	1
2462MHz	Pass	2.432064G	5.01	-24.99	2.302915G	-61.77	2.39992G	-54.72	2.48382G	-56.71	6.996324G	-55.10	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.431897G	2.05	-27.95	2.307405G	-61.13	2.39984G	-37.33	2.49438G	-56.18	6.846067G	-55.85	1
2437MHz	Pass	2.431897G	2.05	-27.95	2.071535G	-60.57	2.39936G	-39.77	2.48382G	-46.61	6.874113G	-56.10	1
2452MHz	Pass	2.431897G	2.05	-27.95	2.302825G	-60.41	2.39792G	-54.69	2.48414G	-45.95	6.944227G	-54.46	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2412MHz

29/10/2018



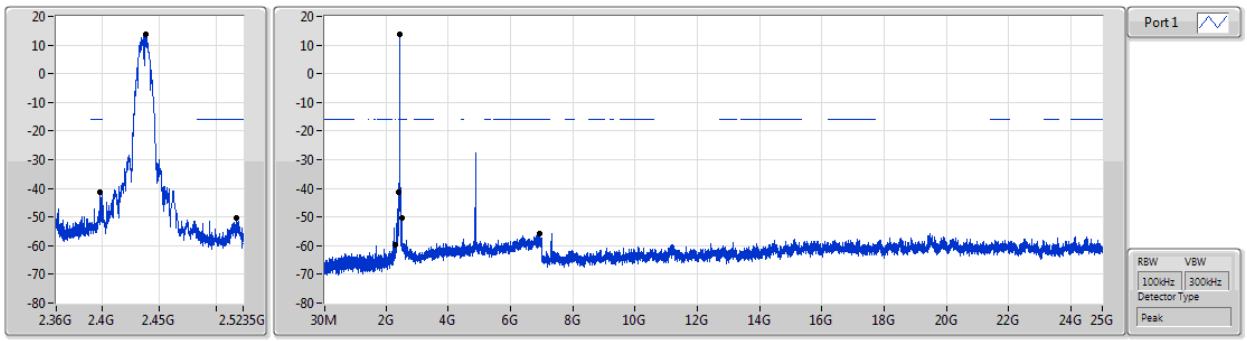
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	13.88	-16.12	2.30175G	-59.55	2.398G	-23.07	2.48942G	-50.83	6.788416G	-55.08	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2437MHz

29/10/2018



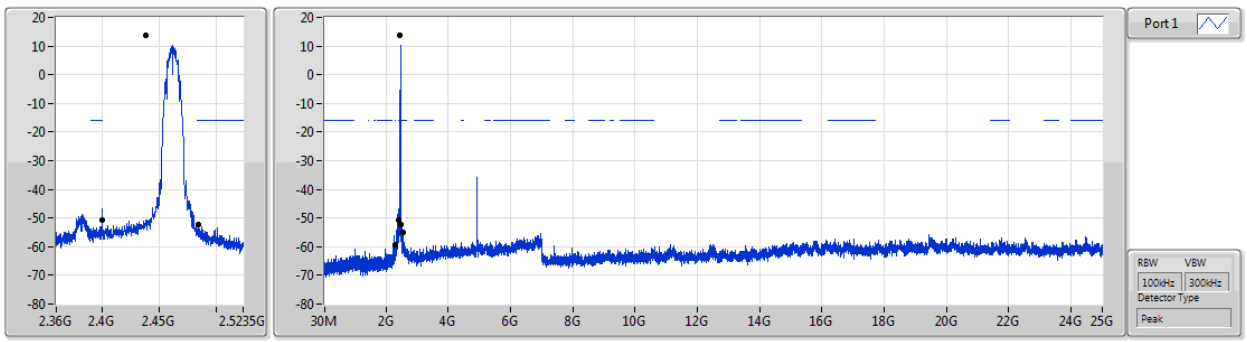
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	13.88	-16.12	2.307575G	-59.87	2.398G	-41.38	2.51798G	-50.40	6.914846G	-55.96	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2462MHz

29/10/2018

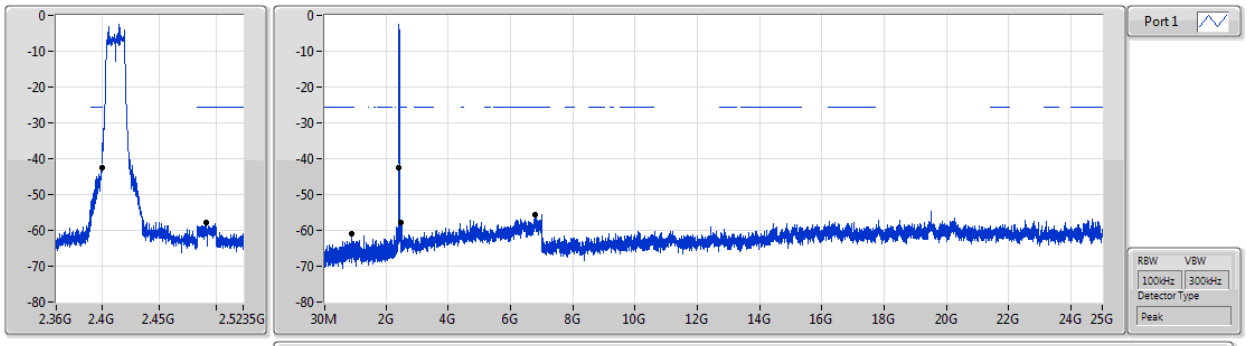


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	13.88	-16.12	2.30641G	-59.20	2.39992G	-50.81	2.48398G	-52.32	2.540357G	-54.94	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

2412MHz

29/10/2018

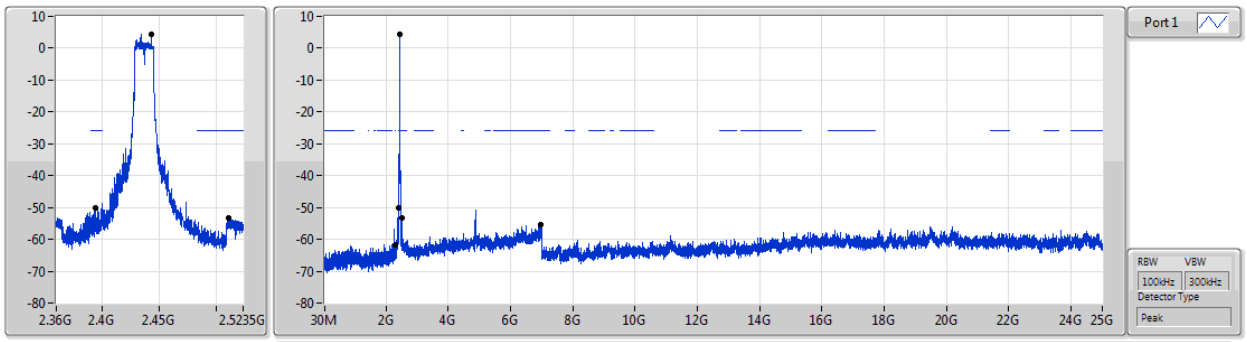


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.443253G	4.30	-25.70	900.255M	-60.98	2.39984G	-42.60	2.49078G	-57.90	6.777178G	-55.63	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

2437MHz

29/10/2018

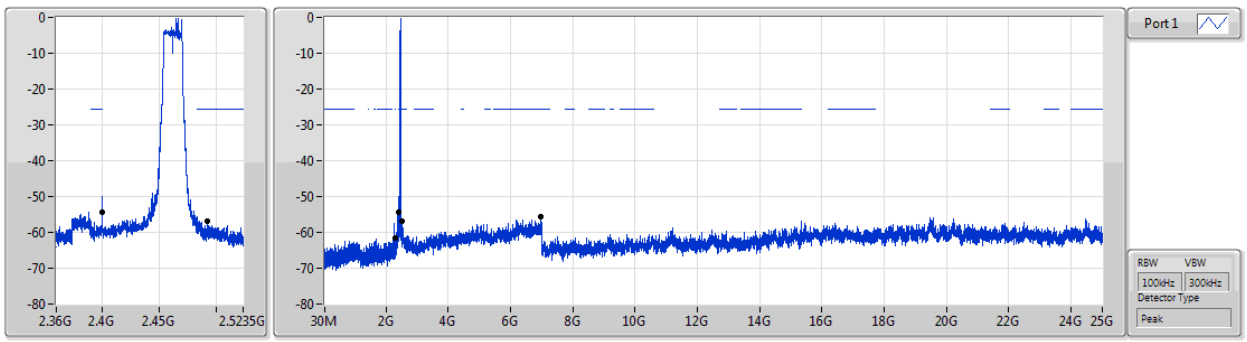


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.443253G	4.30	-25.70	2.309905G	-61.63	2.39432G	-50.03	2.51038G	-53.16	6.973847G	-55.37	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

2462MHz

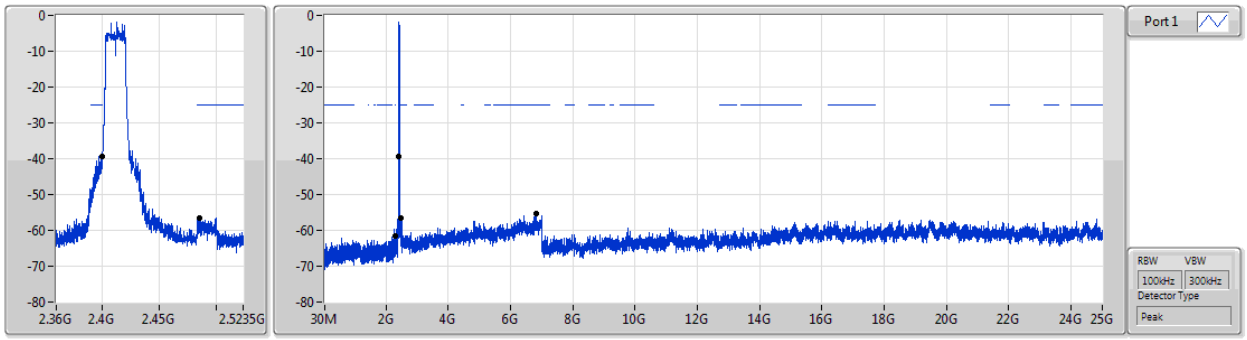
29/10/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.443253G	4.30	-25.70	2.300585G	-61.47	2.39992G	-54.23	2.4923G	-56.99	6.959799G	-55.74	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

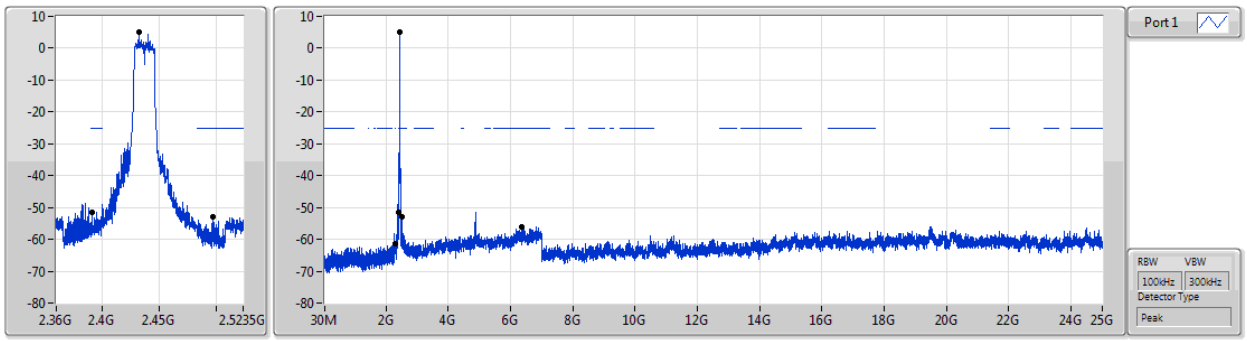
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	5.01	-24.99	2.309905G	-61.63	2.39976G	-39.33	2.48502G	-56.51	6.805273G	-55.24	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

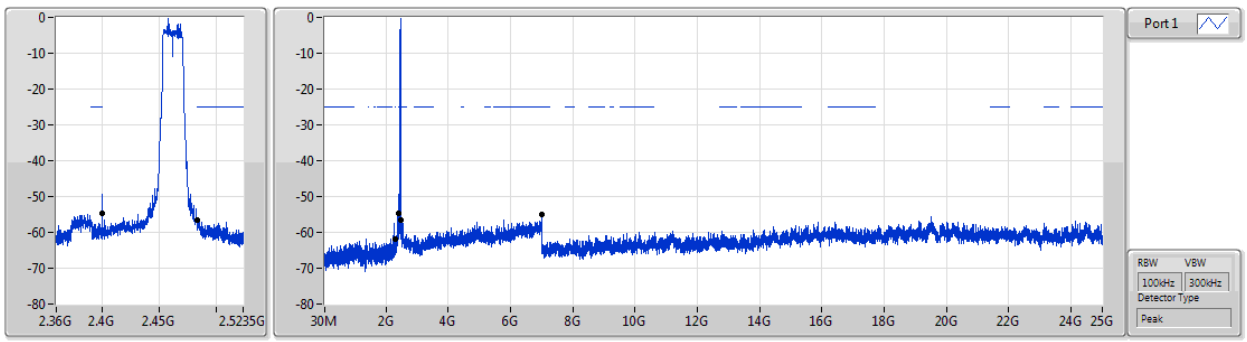
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	5.01	-24.99	2.309905G	-61.39	2.39144G	-51.43	2.49686G	-53.09	6.369791G	-56.08	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

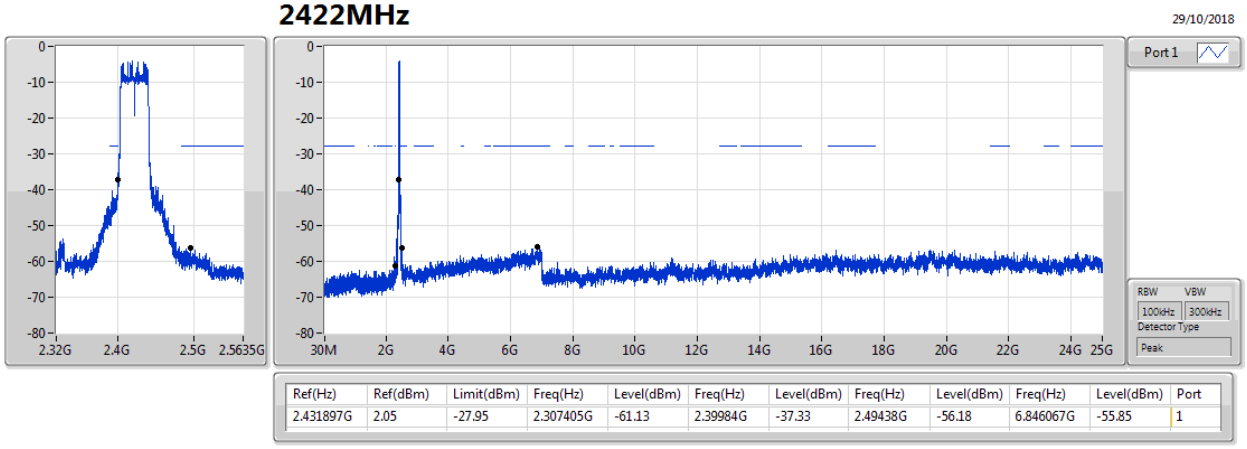
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	5.01	-24.99	2.302915G	-61.77	2.39992G	-54.72	2.48382G	-56.71	6.996324G	-55.10	1

802.11n HT40_Nss1,(MCS0)_1TX CSE NdB

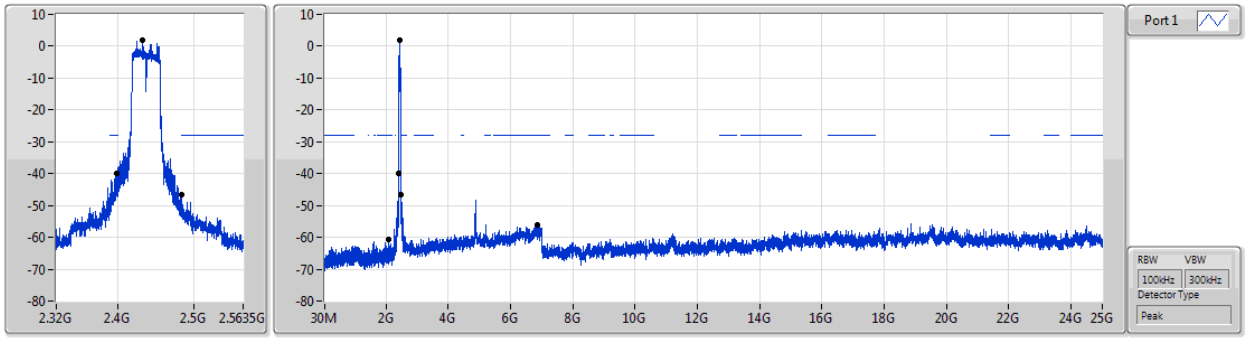
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	2.05	-27.95	2.307405G	-61.13	2.39984G	-37.33	2.49438G	-56.18	6.846067G	-55.85	1

802.11n HT40_Nss1,(MCS0)_1TX CSE NdB

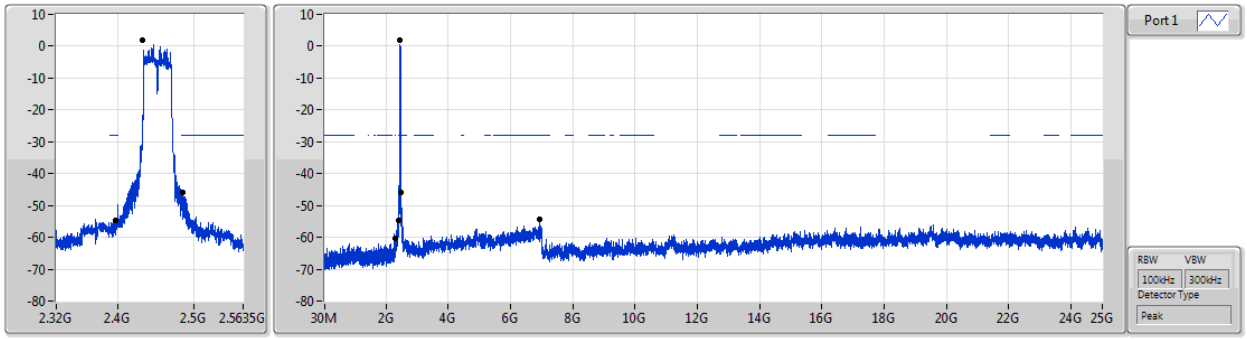
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	2.05	-27.95	2.071535G	-60.57	2.39936G	-39.77	2.48382G	-46.61	6.874113G	-56.10	1

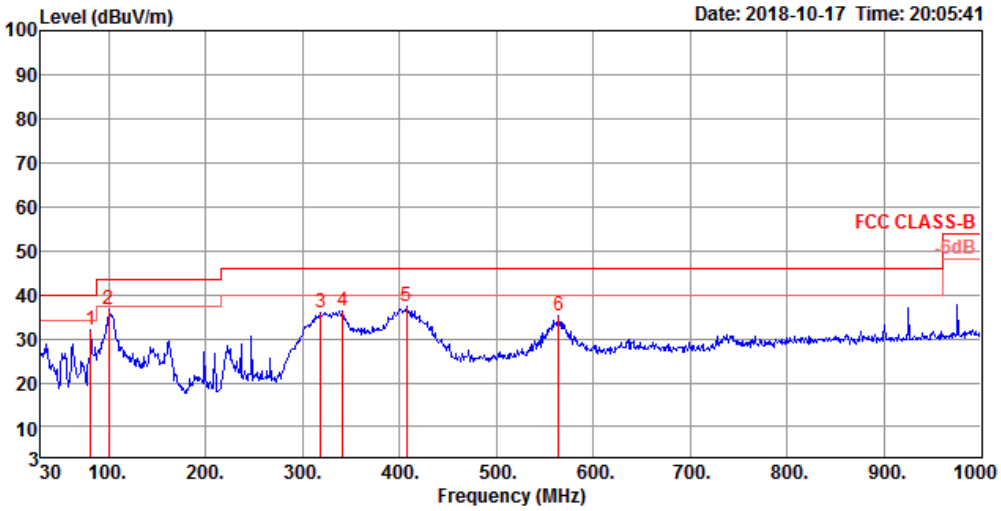
802.11n HT40_Nss1,(MCS0)_1TX CSE NdB

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	2.05	-27.95	2.302825G	-60.41	2.39792G	-54.69	2.48414G	-45.95	6.944227G	-54.46	1

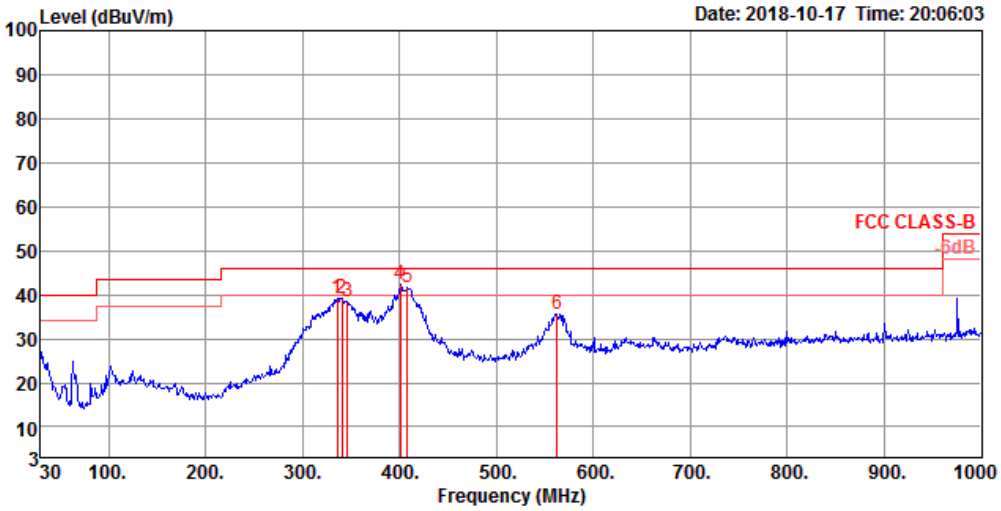
RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Vertical
Operating Function	Normal Link - EUT in Y axis + Adapter		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	81.41	32.02	40.00	-7.98	49.19	1.10	13.59	31.86	125	174	Peak	VERTICAL
2	99.84	36.78	43.50	-6.72	50.33	1.22	17.10	31.87	125	277	Peak	VERTICAL
3	319.06	35.88	46.00	-10.12	45.43	2.14	20.34	32.03	100	184	Peak	VERTICAL
4	341.37	36.26	46.00	-9.74	45.16	2.22	20.95	32.07	100	171	Peak	VERTICAL
5	407.33	37.24	46.00	-8.76	44.37	2.43	22.58	32.14	100	21	Peak	VERTICAL
6	564.47	35.36	46.00	-10.64	40.17	2.87	24.69	32.37	100	184	Peak	VERTICAL

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.)

RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Horizontal
Operating Function	Normal Link - EUT in Y axis + Adapter with USB cable		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	335.55	39.31	46.00	-6.69	48.35	2.20	20.82	32.06	125	162	Peak	HORIZONTAL
2	340.40	39.07	46.00	-6.93	47.97	2.22	20.95	32.07	100	154	Peak	HORIZONTAL
3	346.22	38.61	46.00	-7.39	47.34	2.24	21.10	32.07	100	167	Peak	HORIZONTAL
4	400.54	42.52	46.00	-3.48	49.75	2.40	22.50	32.13	100	162	Peak	HORIZONTAL
5	408.30	41.79	46.00	-4.21	48.91	2.43	22.59	32.14	100	149	Peak	HORIZONTAL
6	562.53	35.55	46.00	-10.45	40.39	2.86	24.67	32.37	100	149	Peak	HORIZONTAL

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

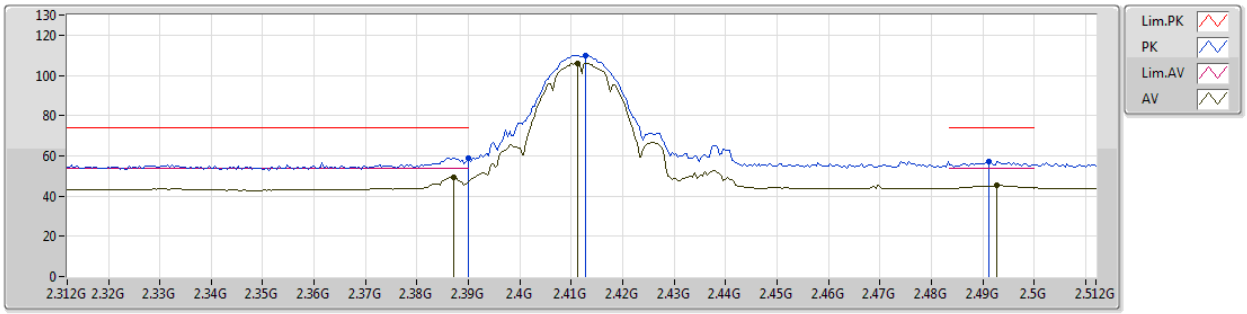
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4836G	53.97	54.00	-0.03	32.42	3	Horizontal	298	1.34	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

28/10/2018



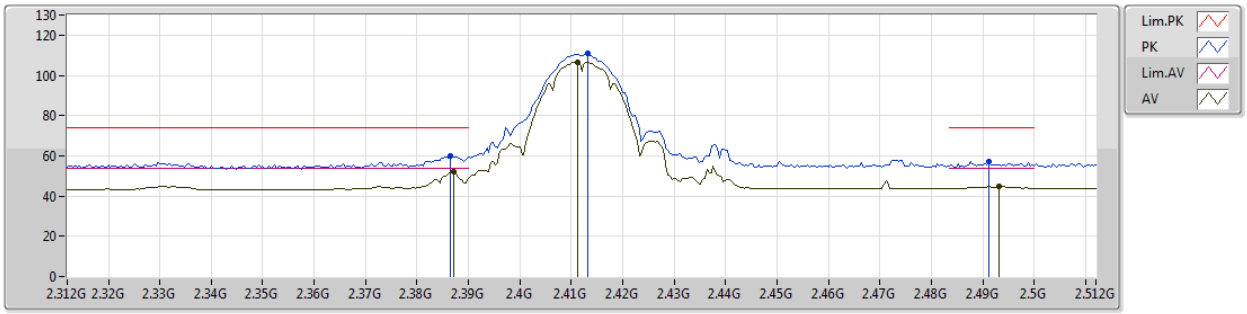
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	59.03	74.00	-14.97	32.14	3	Vertical	182	1.32	-
AV	2.3872G	49.53	54.00	-4.47	32.13	3	Vertical	182	1.32	-
PK	2.4128G	110.06	Inf	-Inf	32.21	3	Vertical	182	1.32	-
AV	2.4112G	106.06	Inf	-Inf	32.20	3	Vertical	182	1.32	-
PK	2.4912G	57.08	74.00	-16.92	32.45	3	Vertical	182	1.32	-
AV	2.4928G	45.27	54.00	-8.73	32.45	3	Vertical	182	1.32	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

28/10/2018



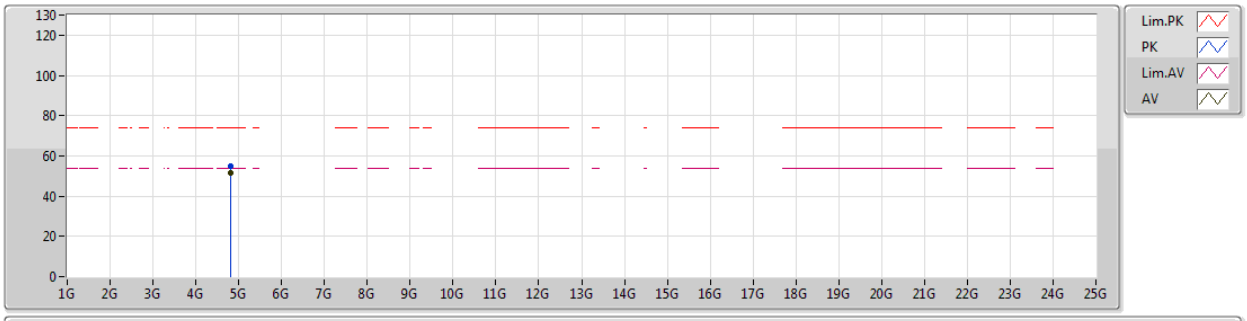
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3864G	59.92	74.00	-14.08	32.13	3	Horizontal	89	1.21	-
AV	2.3872G	51.84	54.00	-2.16	32.13	3	Horizontal	89	1.21	-
PK	2.4132G	110.69	Inf	-Inf	32.21	3	Horizontal	89	1.21	-
AV	2.4112G	106.56	Inf	-Inf	32.20	3	Horizontal	89	1.21	-
PK	2.4912G	56.94	74.00	-17.06	32.45	3	Horizontal	89	1.21	-
AV	2.4932G	44.72	54.00	-9.28	32.46	3	Horizontal	89	1.21	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

28/10/2018



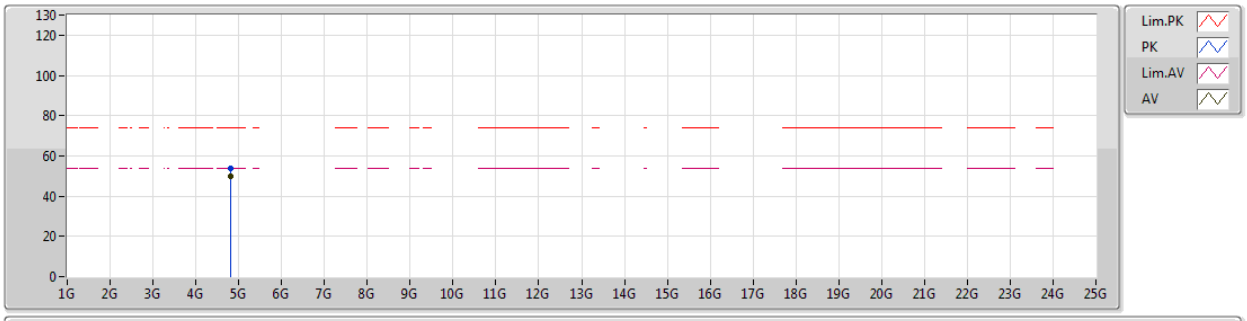
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82406G	54.99	74.00	-19.01	6.56	3	Vertical	319	1.16	-
AV	4.824G	51.38	54.00	-2.62	6.56	3	Vertical	319	1.16	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

28/10/2018



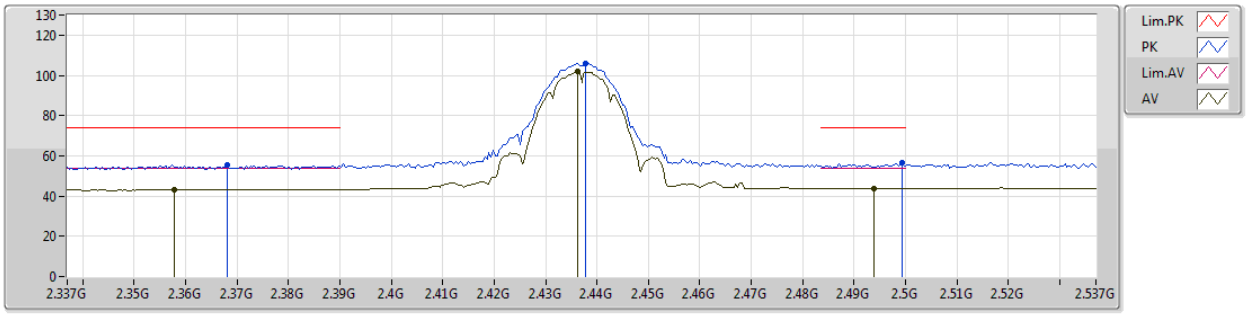
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82394G	53.90	74.00	-20.10	6.56	3	Horizontal	103	2.53	-
AV	4.82402G	50.15	54.00	-3.85	6.56	3	Horizontal	103	2.53	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

28/10/2018



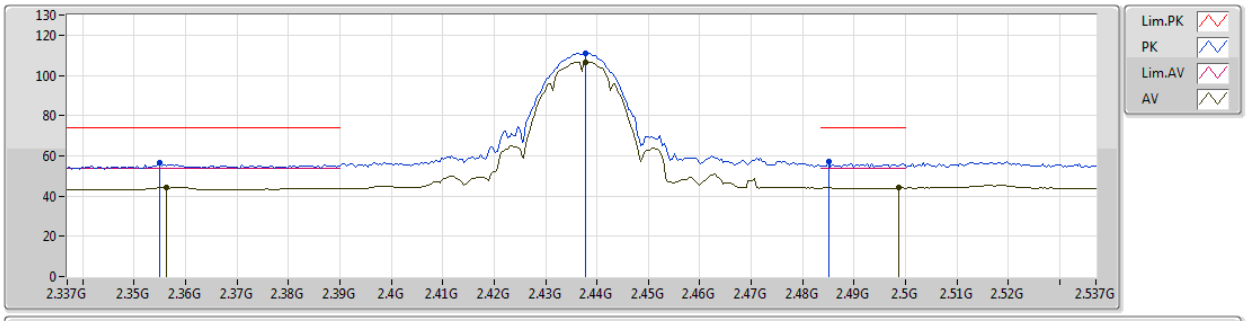
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3682G	55.43	74.00	-18.57	32.08	3	Vertical	22	2.99	-
AV	2.3578G	43.41	54.00	-10.59	32.04	3	Vertical	22	2.99	-
PK	2.4378G	105.72	Inf	-Inf	32.28	3	Vertical	22	2.99	-
AV	2.4362G	101.82	Inf	-Inf	32.28	3	Vertical	22	2.99	-
PK	2.4994G	56.44	74.00	-17.56	32.47	3	Vertical	22	2.99	-
AV	2.4938G	43.80	54.00	-10.20	32.46	3	Vertical	22	2.99	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

28/10/2018



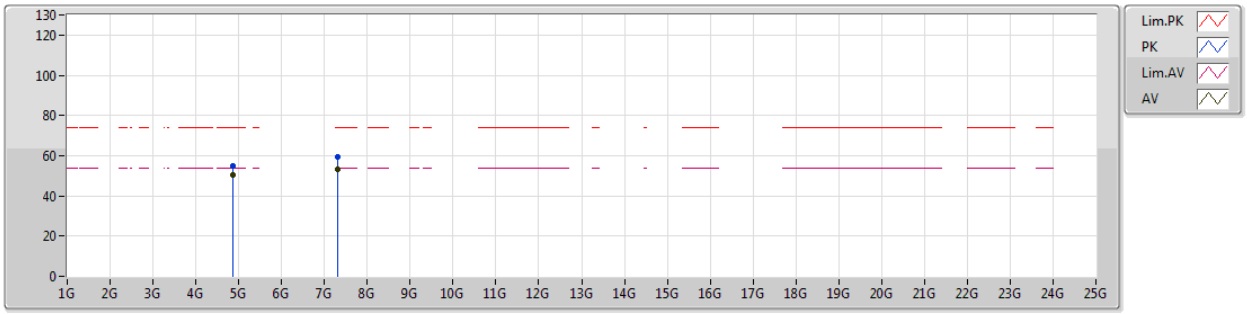
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.355G	56.68	74.00	-17.32	32.04	3	Horizontal	300	1.42	-
AV	2.3562G	44.41	54.00	-9.59	32.04	3	Horizontal	300	1.42	-
PK	2.4378G	111.10	Inf	-Inf	32.28	3	Horizontal	300	1.42	-
AV	2.4378G	106.74	Inf	-Inf	32.28	3	Horizontal	300	1.42	-
PK	2.485G	56.93	74.00	-17.07	32.43	3	Horizontal	300	1.42	-
AV	2.4986G	44.04	54.00	-9.96	32.47	3	Horizontal	300	1.42	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

28/10/2018



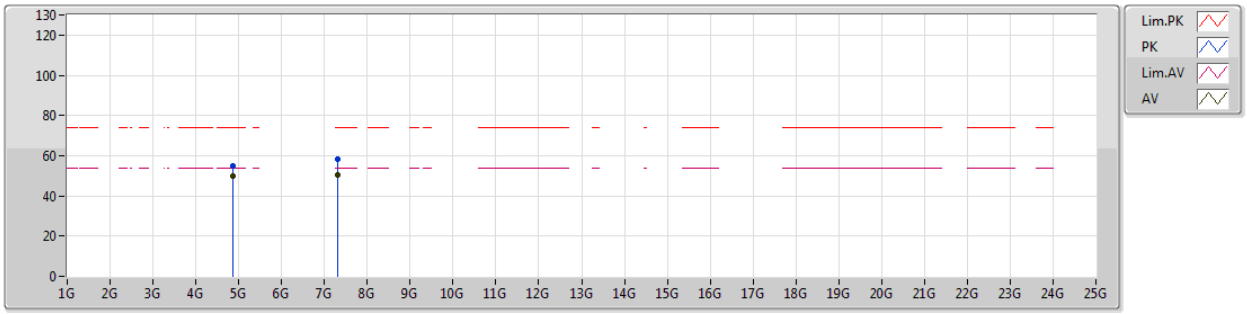
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87404G	54.84	74.00	-19.16	6.66	3	Vertical	112	1.18	-
AV	4.87402G	50.44	54.00	-3.56	6.66	3	Vertical	112	1.18	-
PK	7.3102G	59.46	74.00	-14.54	11.81	3	Vertical	171	1.01	-
AV	7.31032G	52.96	54.00	-1.04	11.81	3	Vertical	171	1.01	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

28/10/2018



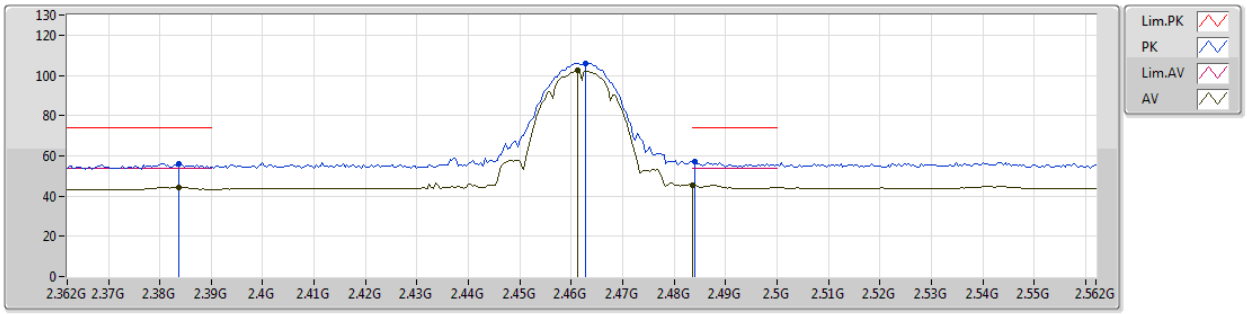
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.874G	54.68	74.00	-19.32	6.66	3	Horizontal	82	2.96	-
AV	4.87404G	49.99	54.00	-4.01	6.66	3	Horizontal	82	2.96	-
PK	7.312G	58.42	74.00	-15.58	11.81	3	Horizontal	69	2.50	-
AV	7.31032G	50.18	54.00	-3.82	11.81	3	Horizontal	69	2.50	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

28/10/2018



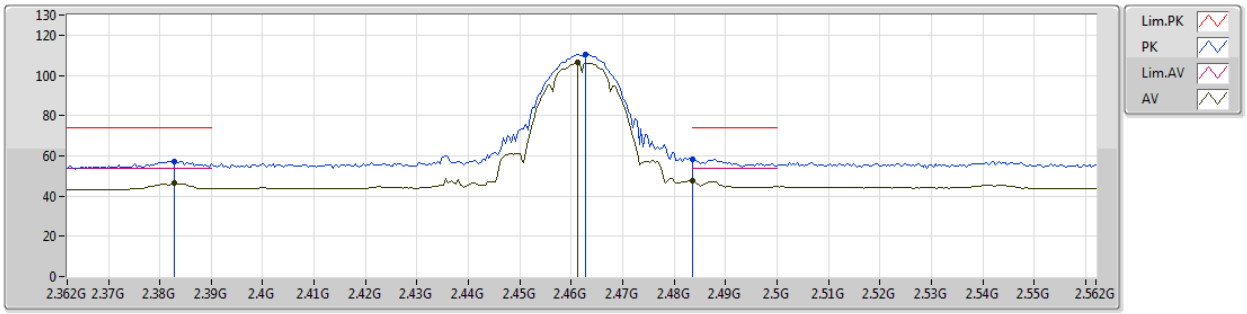
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3836G	55.89	74.00	-18.11	32.12	3	Vertical	172	2.54	-
AV	2.3836G	44.36	54.00	-9.64	32.12	3	Vertical	172	2.54	-
PK	2.4628G	106.18	Inf	-Inf	32.36	3	Vertical	172	2.54	-
AV	2.4612G	102.29	Inf	-Inf	32.35	3	Vertical	172	2.54	-
PK	2.484G	57.32	74.00	-16.68	32.42	3	Vertical	172	2.54	-
AV	2.4835G	45.63	54.00	-8.37	32.42	3	Vertical	172	2.54	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

28/10/2018



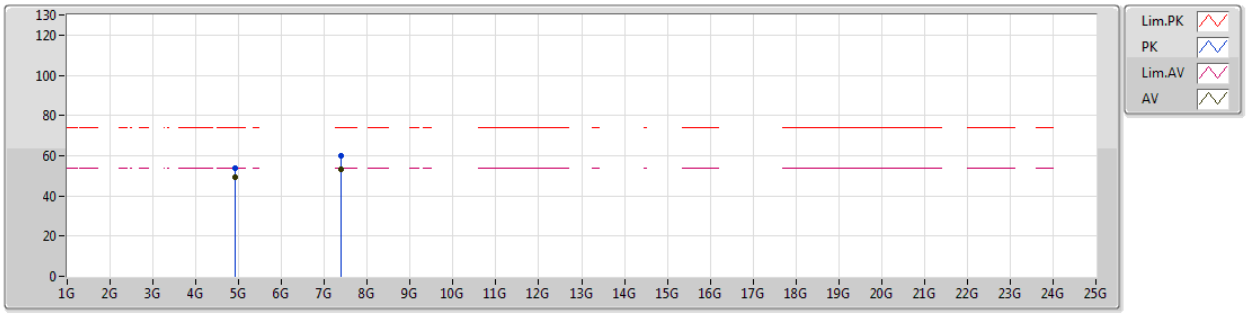
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3828G	57.00	74.00	-17.00	32.12	3	Horizontal	297	1.19	-
AV	2.3828G	46.32	54.00	-7.68	32.12	3	Horizontal	297	1.19	-
PK	2.4628G	110.34	Inf	-Inf	32.36	3	Horizontal	297	1.19	-
AV	2.4612G	106.43	Inf	-Inf	32.35	3	Horizontal	297	1.19	-
PK	2.4835G	58.17	74.00	-15.83	32.42	3	Horizontal	297	1.19	-
AV	2.4835G	47.69	54.00	-6.31	32.42	3	Horizontal	297	1.19	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

28/10/2018



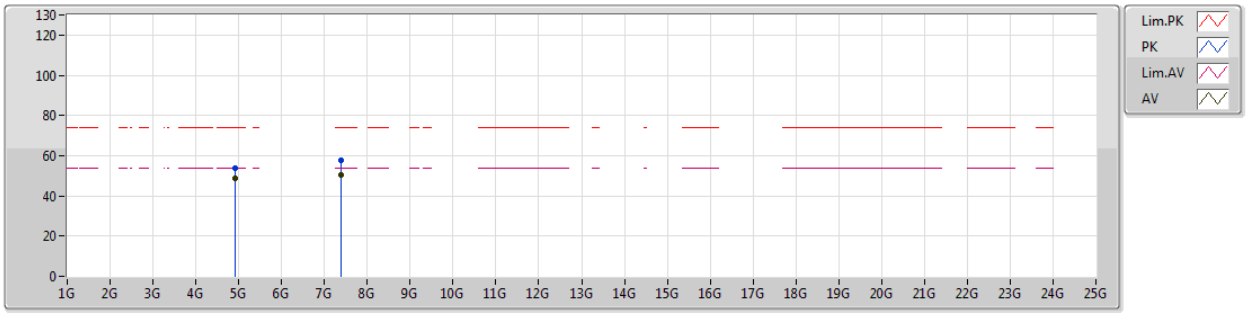
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92402G	53.75	74.00	-20.25	6.78	3	Vertical	112	1.37	-
AV	4.92402G	49.41	54.00	-4.59	6.78	3	Vertical	112	1.37	-
PK	7.38504G	59.88	74.00	-14.12	11.96	3	Vertical	162	1.03	-
AV	7.38532G	53.11	54.00	-0.89	11.96	3	Vertical	162	1.03	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

28/10/2018



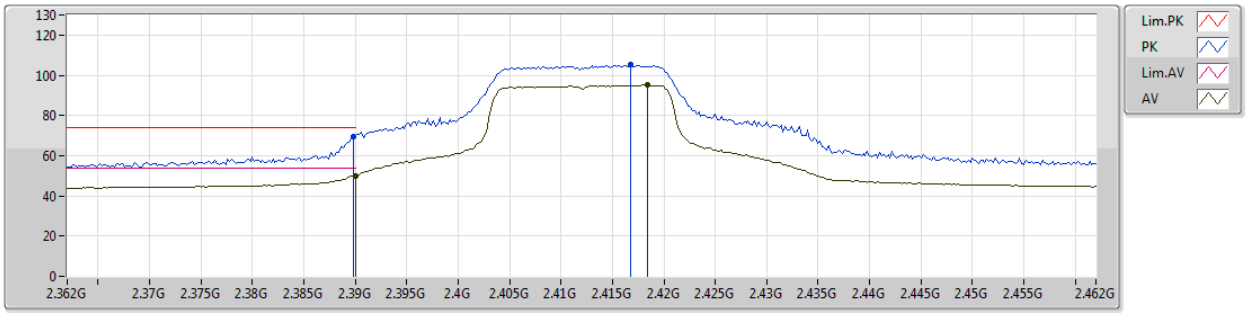
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92392G	53.58	74.00	-20.42	6.78	3	Horizontal	81	1.05	-
AV	4.924G	48.88	54.00	-5.12	6.78	3	Horizontal	81	1.05	-
PK	7.385G	57.84	74.00	-16.16	11.96	3	Horizontal	76	2.92	-
AV	7.38532G	50.21	54.00	-3.79	11.96	3	Horizontal	76	2.92	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

24/10/2018



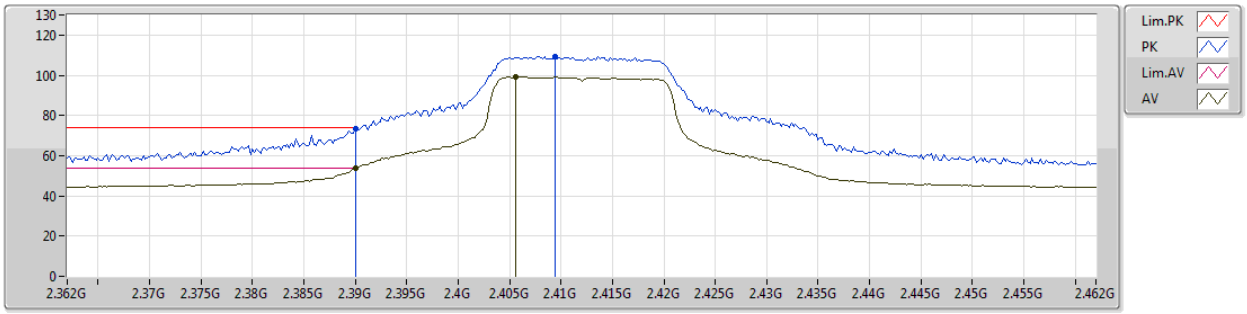
EUT Z_1TX
Setting 46
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	69.76	74.00	-4.24	32.14	3	Vertical	77	1.01	-
AV	2.39G	49.97	54.00	-4.03	32.14	3	Vertical	77	1.01	-
PK	2.4168G	105.44	Inf	-Inf	32.22	3	Vertical	77	1.01	-
AV	2.4184G	95.06	Inf	-Inf	32.23	3	Vertical	77	1.01	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

24/10/2018



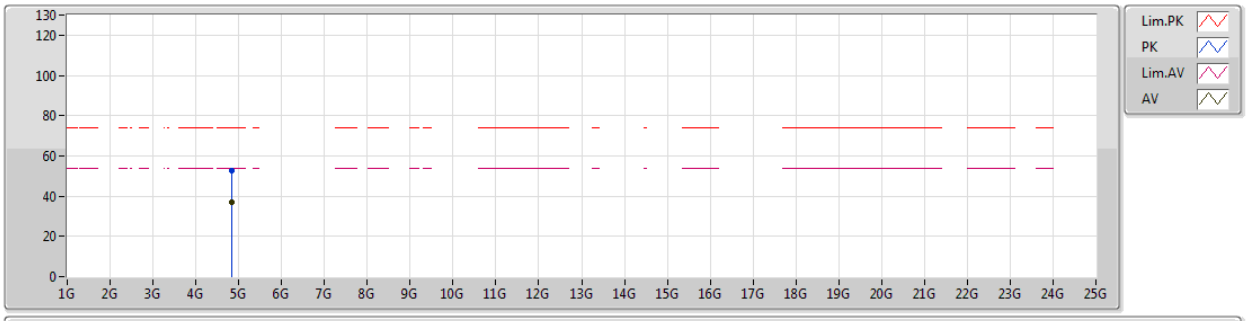
EUT Z_1TX
Setting 46
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	73.46	74.00	-0.54	32.14	3	Horizontal	275	1.28	-
AV	2.39G	53.82	54.00	-0.18	32.14	3	Horizontal	275	1.28	-
PK	2.4094G	109.31	Inf	-Inf	32.20	3	Horizontal	275	1.28	-
AV	2.4056G	99.03	Inf	-Inf	32.18	3	Horizontal	275	1.28	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

24/10/2018



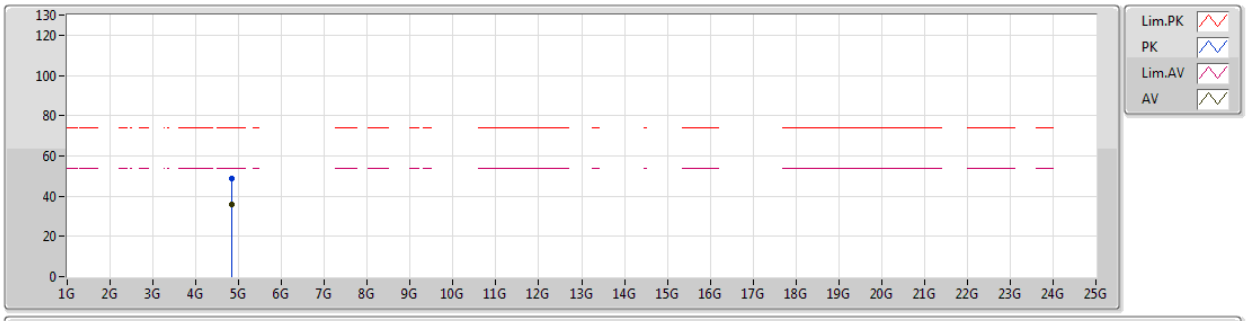
EUT Z_1TX
Setting 46
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82836G	52.57	74.00	-21.43	6.56	3	Vertical	11	1.84	-
AV	4.82584G	36.96	54.00	-17.04	6.56	3	Vertical	11	1.84	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

24/10/2018



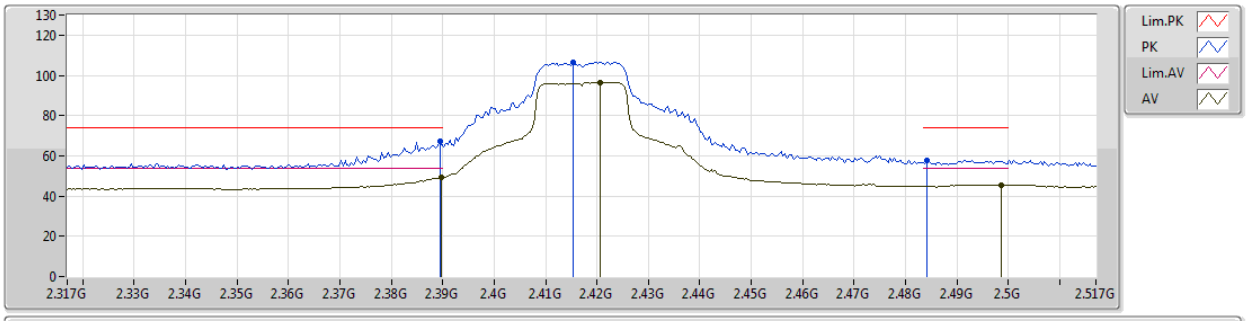
EUT Z_1TX
Setting 46
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.83164G	48.98	74.00	-25.02	6.57	3	Horizontal	345	1.63	-
AV	4.82952G	35.74	54.00	-18.26	6.56	3	Horizontal	345	1.63	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

28/10/2018



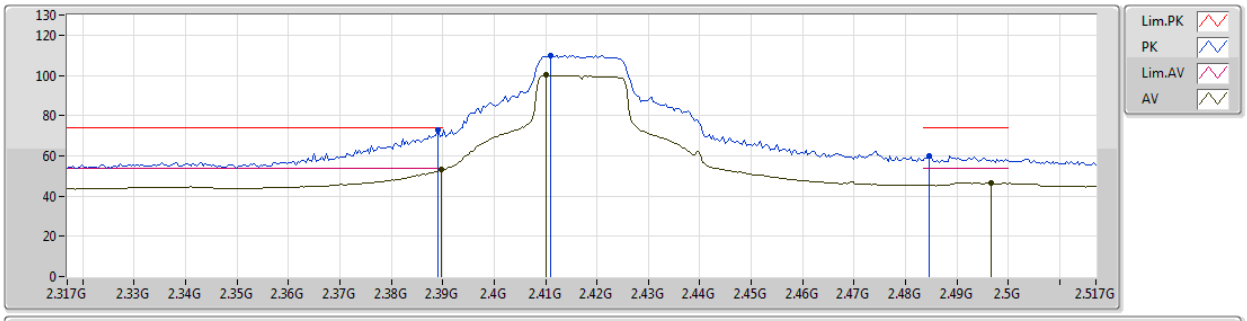
EUT Z_1TX
Setting 60
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	67.14	74.00	-6.86	32.14	3	Vertical	177	2.28	-
AV	2.3898G	49.06	54.00	-4.94	32.14	3	Vertical	177	2.28	-
PK	2.4154G	106.68	Inf	-Inf	32.21	3	Vertical	177	2.28	-
AV	2.4206G	96.34	Inf	-Inf	32.24	3	Vertical	177	2.28	-
PK	2.4842G	57.88	74.00	-16.12	32.43	3	Vertical	177	2.28	-
AV	2.4986G	45.62	54.00	-8.38	32.47	3	Vertical	177	2.28	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

28/10/2018



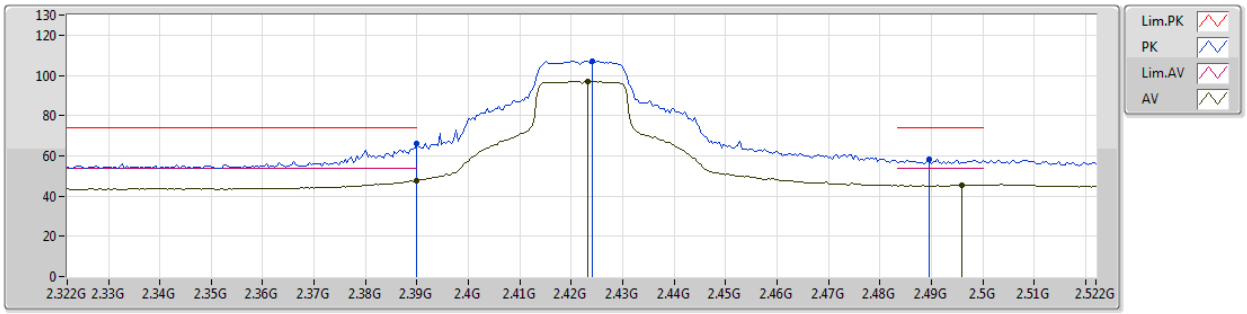
EUT Z_1TX
Setting 60
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	72.68	74.00	-1.32	32.13	3	Horizontal	179	1.15	-
AV	2.3898G	53.51	54.00	-0.49	32.14	3	Horizontal	179	1.15	-
PK	2.411G	110.08	Inf	-Inf	32.20	3	Horizontal	179	1.15	-
AV	2.4102G	100.06	Inf	-Inf	32.20	3	Horizontal	179	1.15	-
PK	2.4846G	60.03	74.00	-13.97	32.43	3	Horizontal	179	1.15	-
AV	2.4966G	46.45	54.00	-7.55	32.46	3	Horizontal	179	1.15	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

28/10/2018



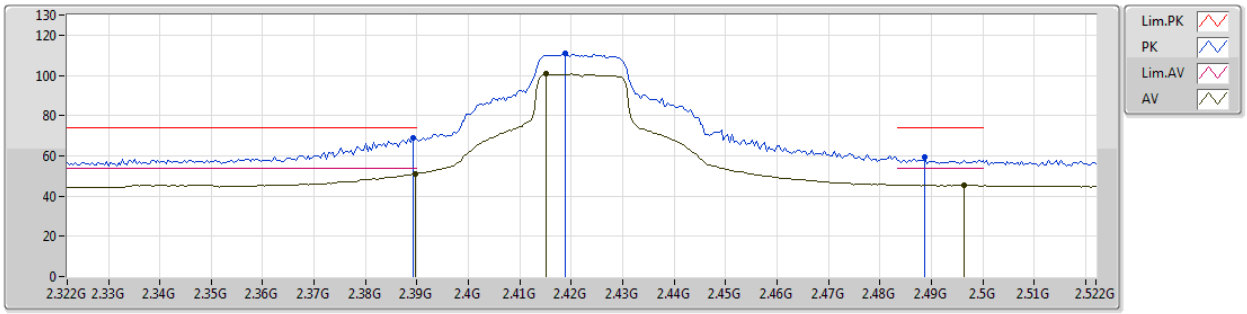
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	66.17	74.00	-7.83	32.14	3	Vertical	175	2.26	-
AV	2.39G	47.52	54.00	-6.48	32.14	3	Vertical	175	2.26	-
PK	2.424G	107.11	Inf	-Inf	32.24	3	Vertical	175	2.26	-
AV	2.4232G	97.04	Inf	-Inf	32.24	3	Vertical	175	2.26	-
PK	2.4896G	58.54	74.00	-15.46	32.45	3	Vertical	175	2.26	-
AV	2.496G	45.64	54.00	-8.36	32.46	3	Vertical	175	2.26	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

28/10/2018



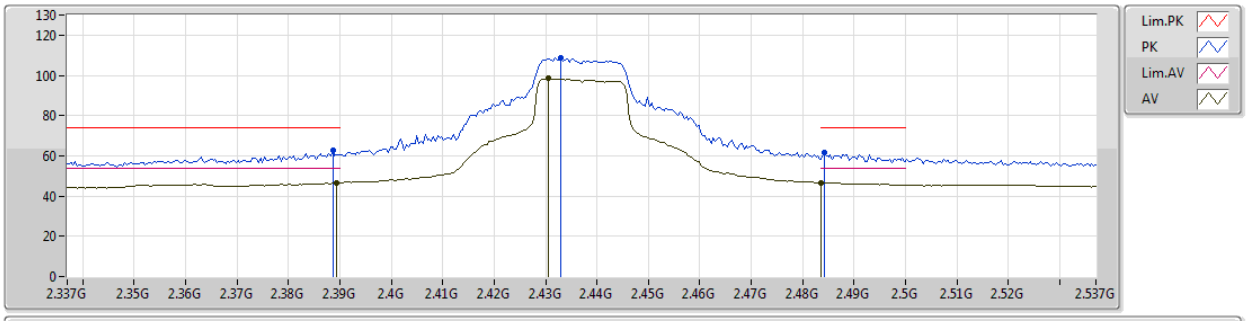
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3892G	69.08	74.00	-4.92	32.14	3	Horizontal	88	1.21	-
AV	2.3896G	51.02	54.00	-2.98	32.14	3	Horizontal	88	1.21	-
PK	2.4188G	111.02	Inf	-Inf	32.23	3	Horizontal	88	1.21	-
AV	2.4152G	100.70	Inf	-Inf	32.21	3	Horizontal	88	1.21	-
PK	2.4888G	59.24	74.00	-14.76	32.45	3	Horizontal	88	1.21	-
AV	2.4964G	45.49	54.00	-8.51	32.46	3	Horizontal	88	1.21	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

24/10/2018



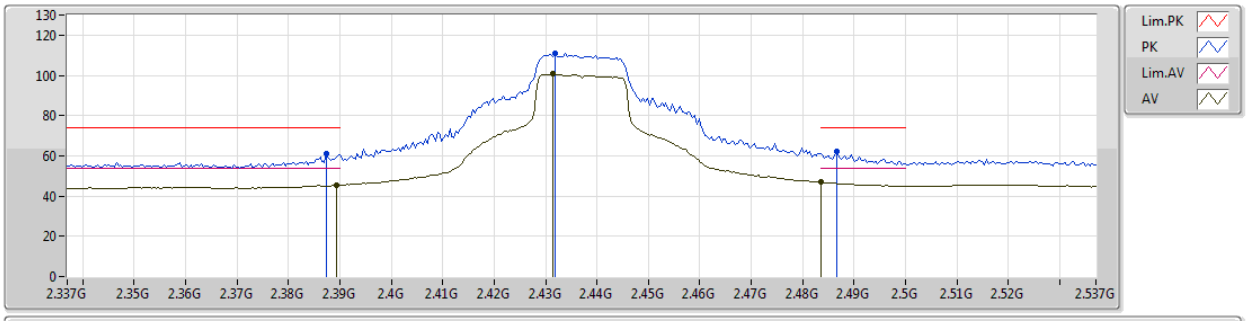
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	62.75	74.00	-11.25	32.13	3	Vertical	77	1.04	-
AV	2.3894G	46.53	54.00	-7.47	32.14	3	Vertical	77	1.04	-
PK	2.433G	108.74	Inf	-Inf	32.27	3	Vertical	77	1.04	-
AV	2.4306G	98.41	Inf	-Inf	32.27	3	Vertical	77	1.04	-
PK	2.4842G	61.36	74.00	-12.64	32.43	3	Vertical	77	1.04	-
AV	2.4835G	46.77	54.00	-7.23	32.42	3	Vertical	77	1.04	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

24/10/2018



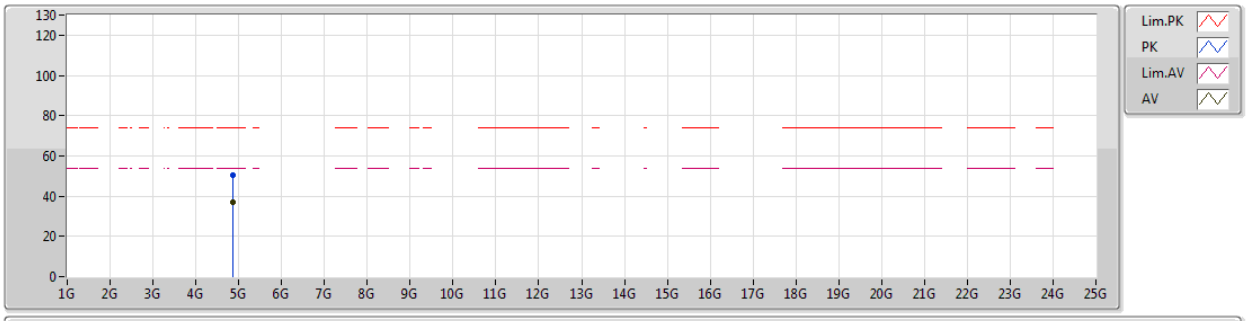
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3874G	60.84	74.00	-13.16	32.13	3	Horizontal	273	2.91	-
AV	2.3894G	45.44	54.00	-8.56	32.14	3	Horizontal	273	2.91	-
PK	2.4318G	110.73	Inf	-Inf	32.27	3	Horizontal	273	2.91	-
AV	2.4314G	100.67	Inf	-Inf	32.27	3	Horizontal	273	2.91	-
PK	2.4866G	61.99	74.00	-12.01	32.43	3	Horizontal	273	2.91	-
AV	2.4835G	47.01	54.00	-6.99	32.42	3	Horizontal	273	2.91	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

28/10/2018



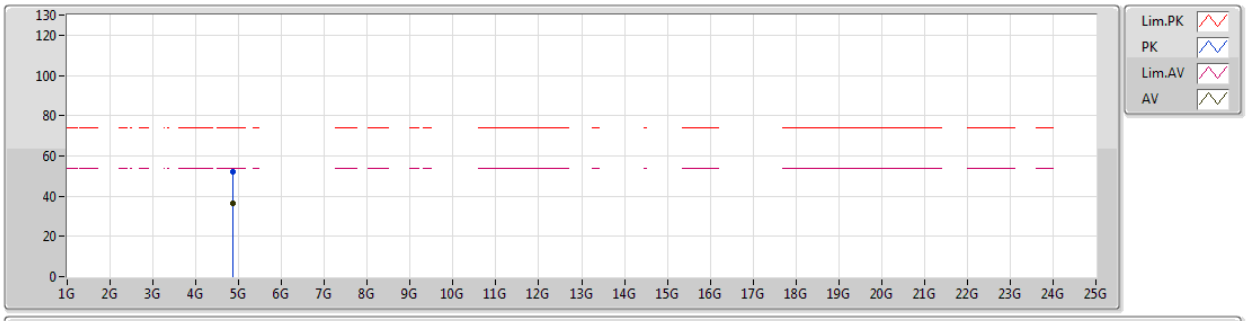
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87398G	50.67	74.00	-23.33	6.66	3	Vertical	105	2.61	-
AV	4.87568G	36.72	54.00	-17.28	6.66	3	Vertical	105	2.61	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

28/10/2018



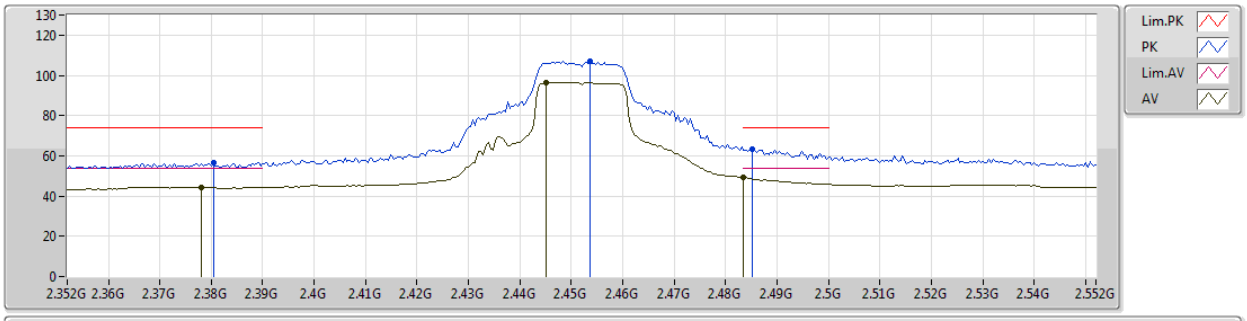
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87496G	51.93	74.00	-22.07	6.66	3	Horizontal	80	2.95	-
AV	4.8753G	36.20	54.00	-17.80	6.66	3	Horizontal	80	2.95	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

28/10/2018



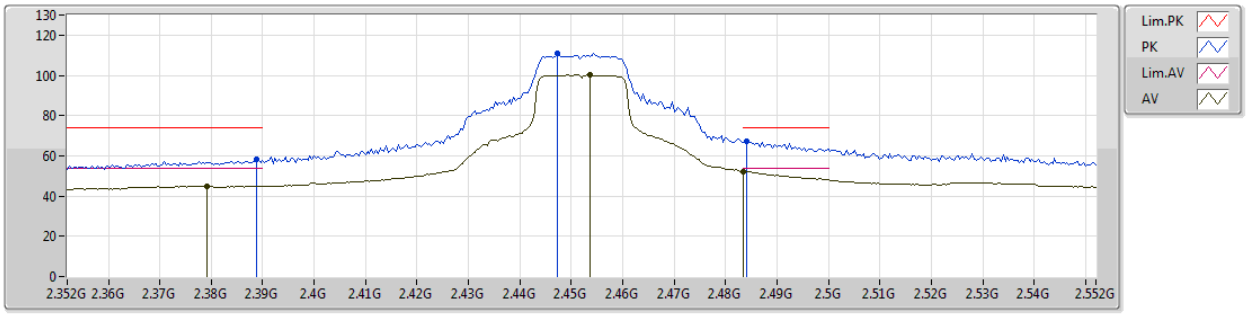
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3804G	56.68	74.00	-17.32	32.11	3	Vertical	173	2.77	-
AV	2.378G	44.41	54.00	-9.59	32.10	3	Vertical	173	2.77	-
PK	2.4536G	106.98	Inf	-Inf	32.34	3	Vertical	173	2.77	-
AV	2.4452G	96.64	Inf	-Inf	32.31	3	Vertical	173	2.77	-
PK	2.4852G	63.33	74.00	-10.67	32.43	3	Vertical	173	2.77	-
AV	2.4835G	49.06	54.00	-4.94	32.42	3	Vertical	173	2.77	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

28/10/2018



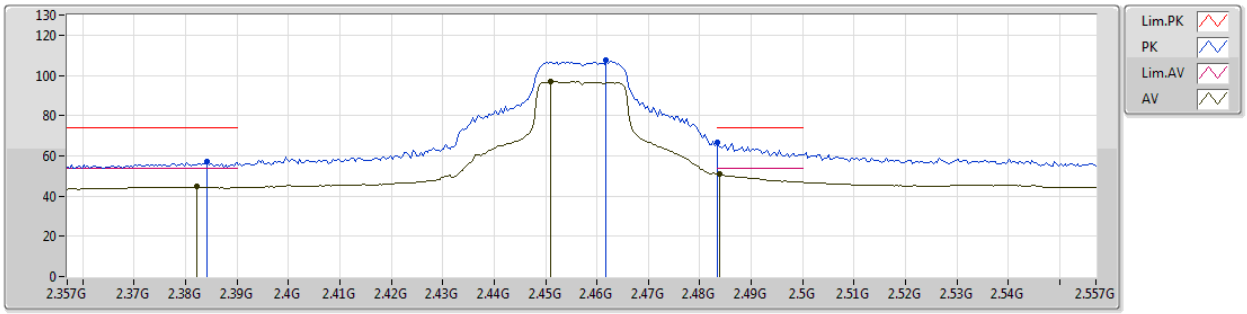
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	58.14	74.00	-15.86	32.13	3	Horizontal	293	1.34	-
AV	2.3792G	44.92	54.00	-9.08	32.11	3	Horizontal	293	1.34	-
PK	2.4472G	111.05	Inf	-Inf	32.31	3	Horizontal	293	1.34	-
AV	2.4536G	100.41	Inf	-Inf	32.34	3	Horizontal	293	1.34	-
PK	2.484G	67.41	74.00	-6.59	32.42	3	Horizontal	293	1.34	-
AV	2.4835G	52.20	54.00	-1.80	32.42	3	Horizontal	293	1.34	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

28/10/2018



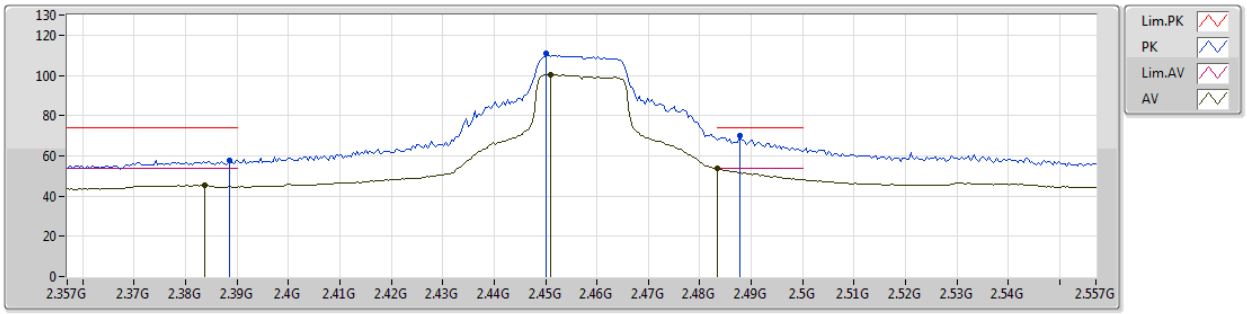
EUT Z_1TX
Setting 61
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3842G	56.90	74.00	-17.10	32.12	3	Vertical	173	2.79	-
AV	2.3822G	44.55	54.00	-9.45	32.12	3	Vertical	173	2.79	-
PK	2.4618G	107.34	Inf	-Inf	32.36	3	Vertical	173	2.79	-
AV	2.451G	96.77	Inf	-Inf	32.32	3	Vertical	173	2.79	-
PK	2.4835G	66.78	74.00	-7.22	32.42	3	Vertical	173	2.79	-
AV	2.4838G	50.95	54.00	-3.05	32.42	3	Vertical	173	2.79	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

28/10/2018



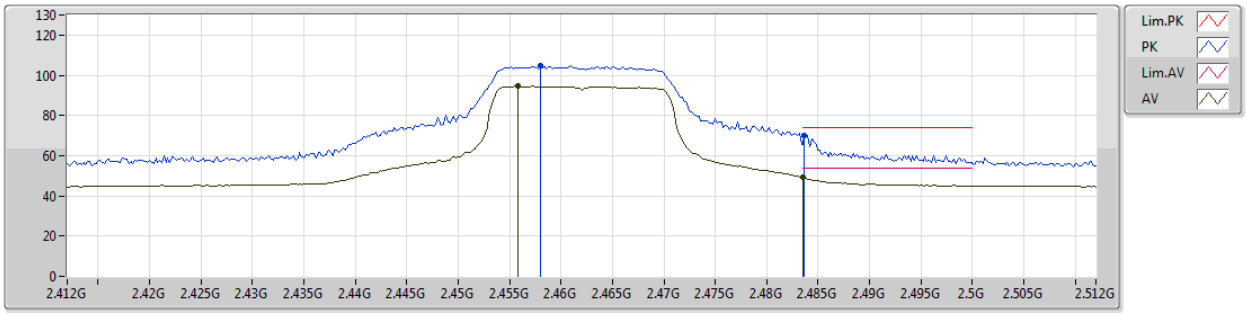
EUT Z_1TX
Setting 61
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	57.78	74.00	-16.22	32.13	3	Horizontal	294	1.32	-
AV	2.3838G	45.46	54.00	-8.54	32.12	3	Horizontal	294	1.32	-
PK	2.4502G	110.68	Inf	-Inf	32.32	3	Horizontal	294	1.32	-
AV	2.451G	100.44	Inf	-Inf	32.32	3	Horizontal	294	1.32	-
PK	2.4878G	69.80	74.00	-4.20	32.43	3	Horizontal	294	1.32	-
AV	2.4835G	53.90	Inf	-Inf	32.42	3	Horizontal	294	1.32	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

24/10/2018



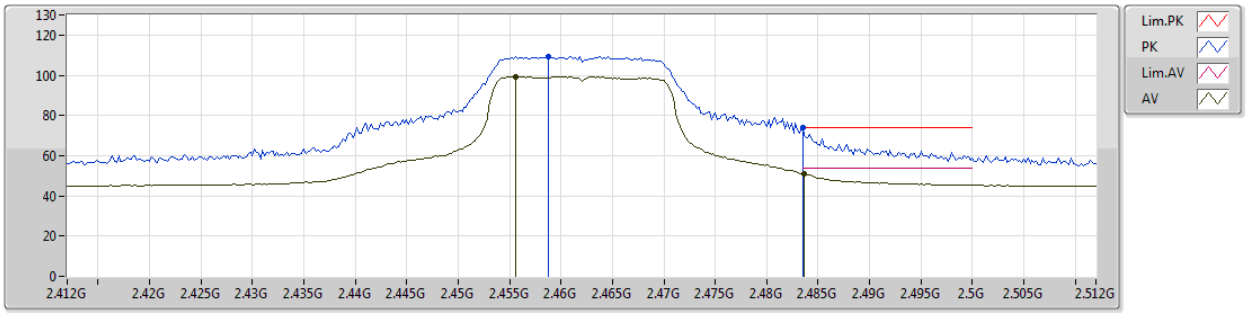
EUT Z_1TX
Setting 54
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.458G	104.58	Inf	-Inf	32.35	3	Vertical	75	1.02	-
AV	2.4558G	94.46	Inf	-Inf	32.34	3	Vertical	75	1.02	-
PK	2.4836G	70.32	74.00	-3.68	32.42	3	Vertical	75	1.02	-
AV	2.4835G	49.20	54.00	-4.80	32.42	3	Vertical	75	1.02	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

24/10/2018



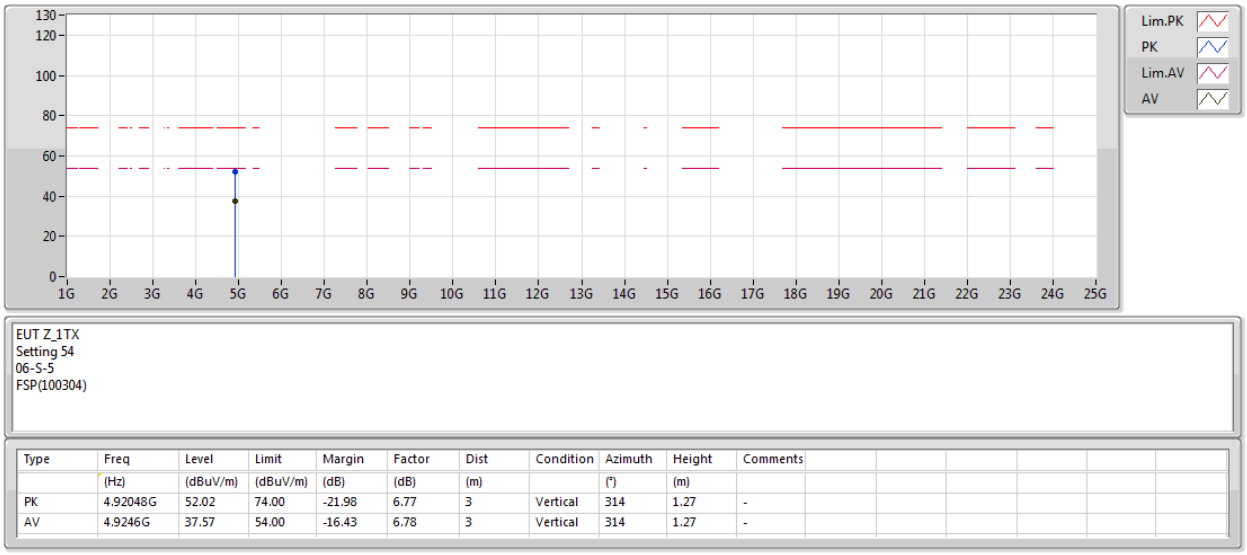
EUT Z_1TX
Setting 54
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4588G	109.52	Inf	-Inf	32.35	3	Horizontal	82	2.93	-
AV	2.4556G	99.14	Inf	-Inf	32.34	3	Horizontal	82	2.93	-
PK	2.4835G	73.97	74.00	-0.03	32.42	3	Horizontal	82	2.93	-
AV	2.4836G	50.88	54.00	-3.12	32.42	3	Horizontal	82	2.93	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

24/10/2018



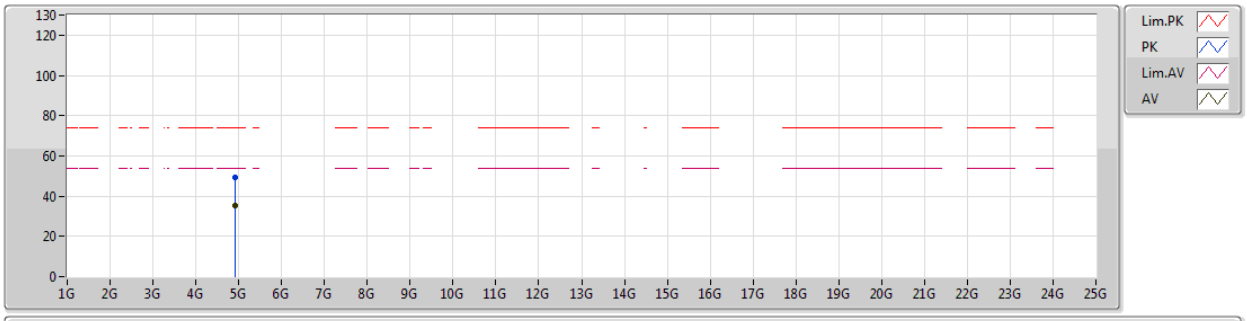
EUT Z_1TX
Setting 54
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92048G	52.02	74.00	-21.98	6.77	3	Vertical	314	1.27	-
AV	4.9246G	37.57	54.00	-16.43	6.78	3	Vertical	314	1.27	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

24/10/2018



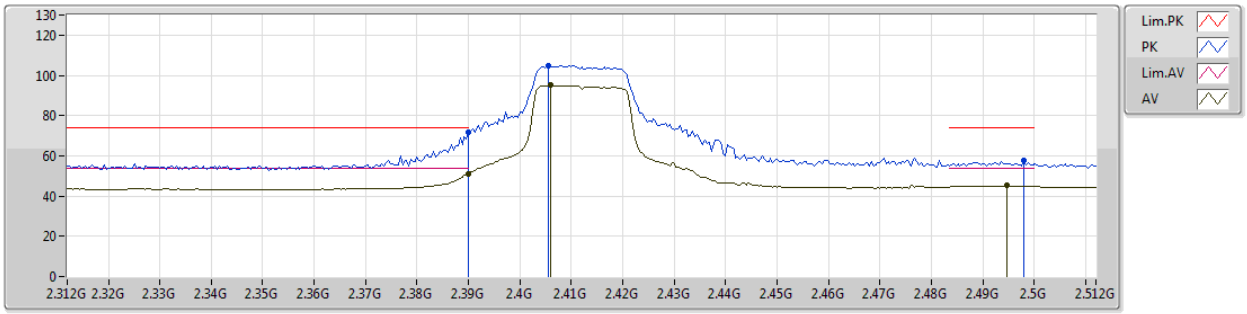
EUT Z_1TX
Setting 54
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92336G	49.27	74.00	-24.73	6.78	3	Horizontal	18	1.02	-
AV	4.92328G	35.34	54.00	-18.66	6.77	3	Horizontal	18	1.02	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

28/10/2018



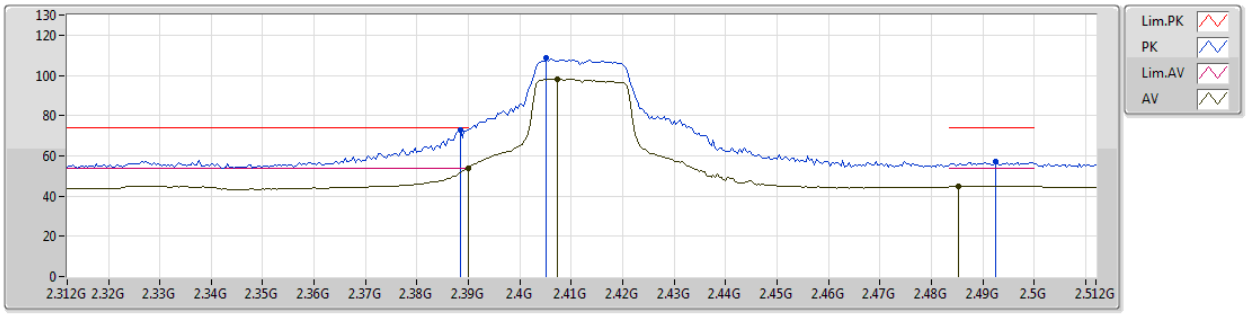
EUT Z_1TX
Setting 48
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	71.85	74.00	-2.15	32.14	3	Vertical	170	2.57	-
AV	2.39G	50.84	54.00	-3.16	32.14	3	Vertical	170	2.57	-
PK	2.4056G	105.00	Inf	-Inf	32.18	3	Vertical	170	2.57	-
AV	2.406G	95.06	Inf	-Inf	32.19	3	Vertical	170	2.57	-
PK	2.498G	57.78	74.00	-16.22	32.47	3	Vertical	170	2.57	-
AV	2.4948G	45.15	54.00	-8.85	32.46	3	Vertical	170	2.57	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

28/10/2018



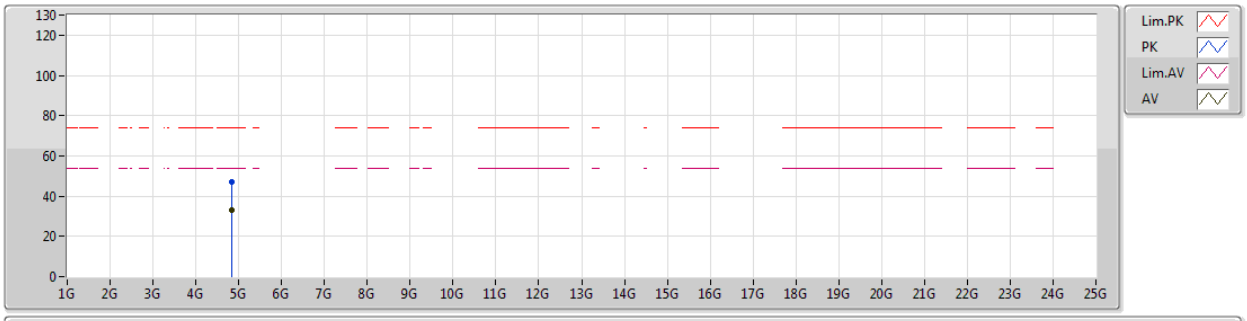
EUT Z_1TX
Setting 48
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	72.95	74.00	-1.05	32.13	3	Horizontal	77	1.02	-
AV	2.39G	53.71	54.00	-0.29	32.14	3	Horizontal	77	1.02	-
PK	2.4052G	108.53	Inf	-Inf	32.18	3	Horizontal	77	1.02	-
AV	2.4072G	98.05	Inf	-Inf	32.20	3	Horizontal	77	1.02	-
PK	2.4924G	57.00	74.00	-17.00	32.45	3	Horizontal	77	1.02	-
AV	2.4852G	45.05	54.00	-8.95	32.43	3	Horizontal	77	1.02	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

28/10/2018



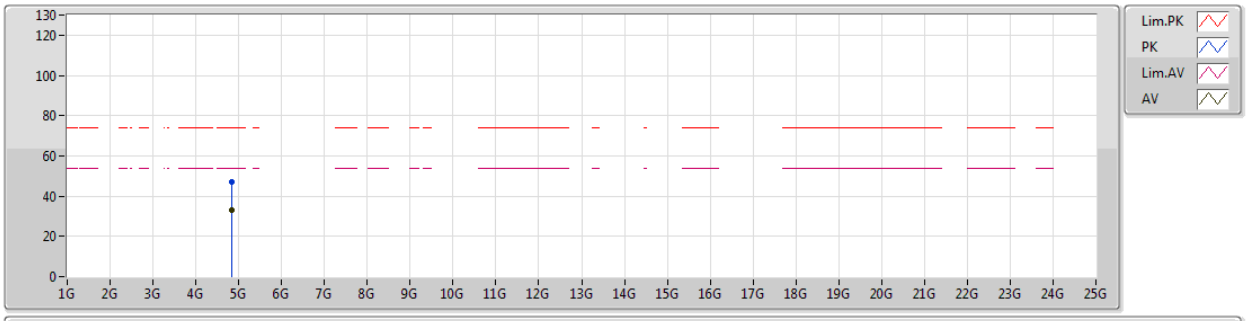
EUT Z_1TX
Setting 48
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82592G	47.01	74.00	-26.99	6.56	3	Vertical	179	1.29	-
AV	4.82684G	32.96	54.00	-21.04	6.56	3	Vertical	179	1.29	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

28/10/2018



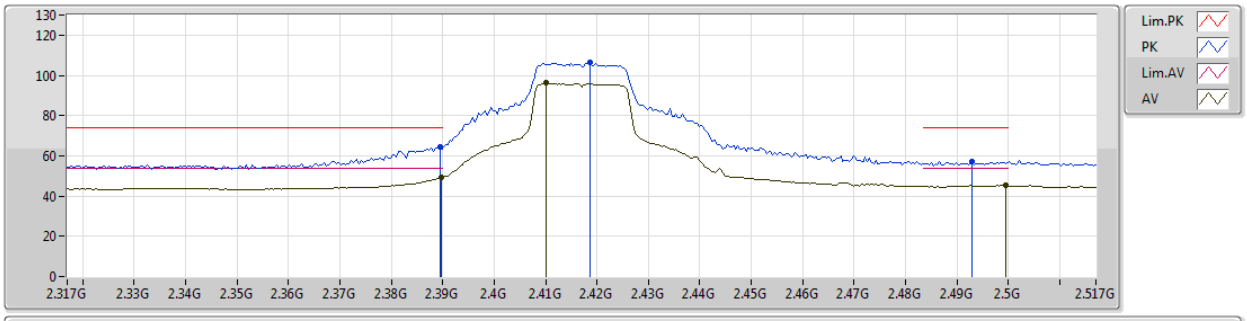
EUT Z_1TX
Setting 48
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82542G	47.31	74.00	-26.69	6.56	3	Horizontal	206	1.05	-
AV	4.82492G	33.21	54.00	-20.79	6.56	3	Horizontal	206	1.05	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

28/10/2018



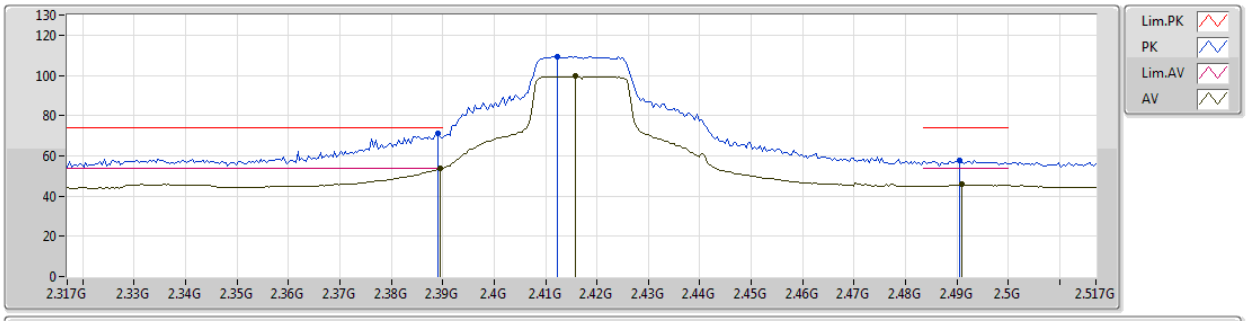
EUT Z_1TX
Setting 59
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	64.42	74.00	-9.58	32.14	3	Vertical	175	2.58	-
AV	2.3898G	49.38	54.00	-4.62	32.14	3	Vertical	175	2.58	-
PK	2.4186G	106.28	Inf	-Inf	32.23	3	Vertical	175	2.58	-
AV	2.4102G	96.16	Inf	-Inf	32.20	3	Vertical	175	2.58	-
PK	2.493G	57.07	74.00	-16.93	32.45	3	Vertical	175	2.58	-
AV	2.4994G	45.23	54.00	-8.77	32.47	3	Vertical	175	2.58	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

28/10/2018



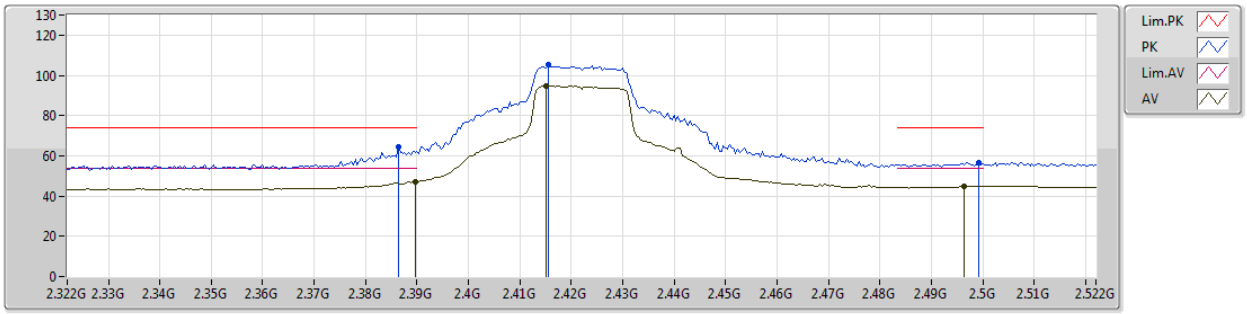
EUT Z_1TX
Setting 59
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	71.26	74.00	-2.74	32.13	3	Horizontal	84	1.22	-
AV	2.3894G	53.64	54.00	-0.36	32.14	3	Horizontal	84	1.22	-
PK	2.4122G	109.32	Inf	-Inf	32.21	3	Horizontal	84	1.22	-
AV	2.4158G	99.59	Inf	-Inf	32.21	3	Horizontal	84	1.22	-
PK	2.4906G	57.77	74.00	-16.23	32.45	3	Horizontal	84	1.22	-
AV	2.491G	45.80	54.00	-8.20	32.45	3	Horizontal	84	1.22	-

802.11n HT20_Nss1,(MCS0)_1TX

2422MHz_TX

28/10/2018



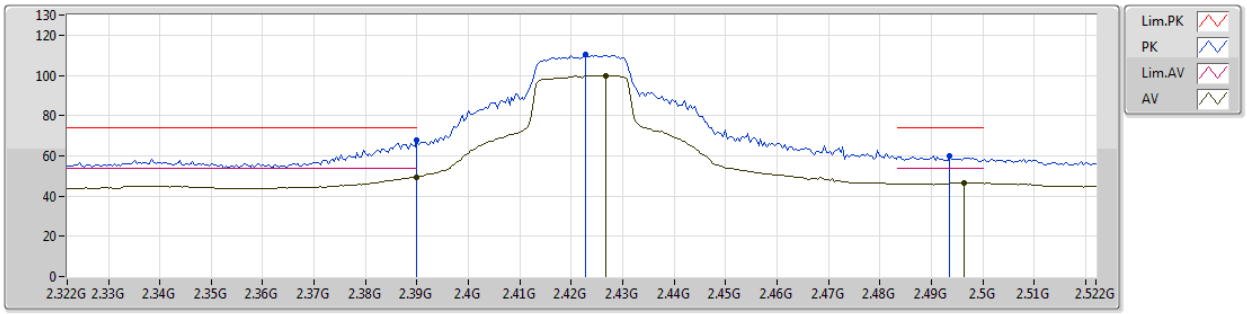
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3864G	64.56	74.00	-9.44	32.13	3	Vertical	226	2.90	-
AV	2.3896G	47.28	54.00	-6.72	32.14	3	Vertical	226	2.90	-
PK	2.4156G	105.07	Inf	-Inf	32.21	3	Vertical	226	2.90	-
AV	2.4152G	94.74	Inf	-Inf	32.21	3	Vertical	226	2.90	-
PK	2.4992G	56.56	74.00	-17.44	32.47	3	Vertical	226	2.90	-
AV	2.4964G	44.75	54.00	-9.25	32.46	3	Vertical	226	2.90	-

802.11n HT20_Nss1,(MCS0)_1TX

2422MHz_TX

28/10/2018



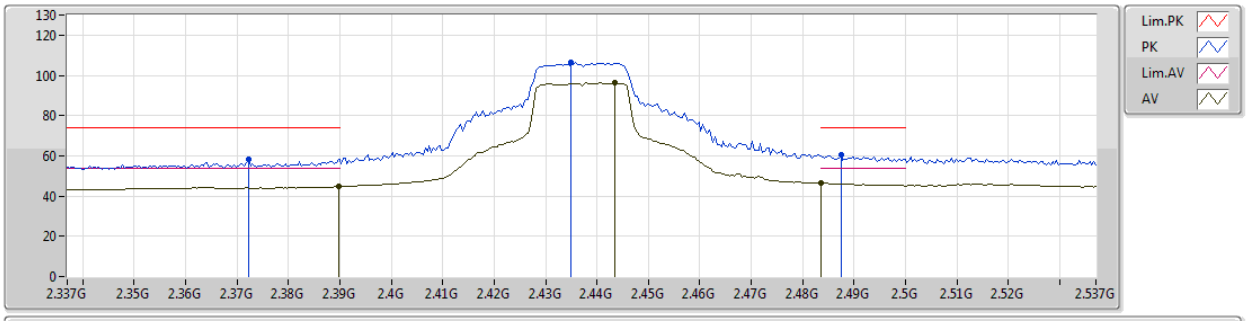
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	67.75	74.00	-6.25	32.14	3	Horizontal	304	2.89	-
AV	2.39G	49.53	54.00	-4.47	32.14	3	Horizontal	304	2.89	-
PK	2.4228G	110.15	Inf	-Inf	32.24	3	Horizontal	304	2.89	-
AV	2.4268G	100.00	Inf	-Inf	32.25	3	Horizontal	304	2.89	-
PK	2.4936G	59.80	74.00	-14.20	32.46	3	Horizontal	304	2.89	-
AV	2.4964G	46.51	54.00	-7.49	32.46	3	Horizontal	304	2.89	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

28/10/2018



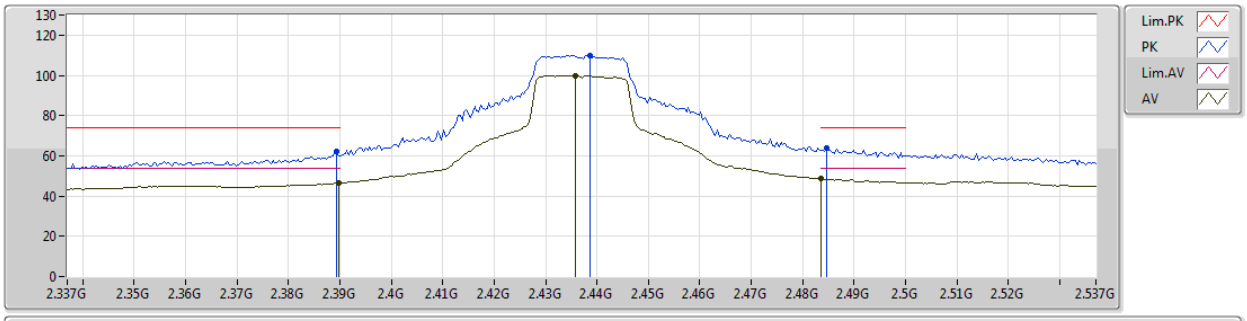
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3722G	58.36	74.00	-15.64	32.09	3	Vertical	176	2.15	-
AV	2.3898G	44.59	54.00	-9.41	32.14	3	Vertical	176	2.15	-
PK	2.435G	106.32	Inf	-Inf	32.28	3	Vertical	176	2.15	-
AV	2.4434G	96.24	Inf	-Inf	32.31	3	Vertical	176	2.15	-
PK	2.4874G	60.54	74.00	-13.46	32.43	3	Vertical	176	2.15	-
AV	2.4835G	46.46	54.00	-7.54	32.42	3	Vertical	176	2.15	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

28/10/2018



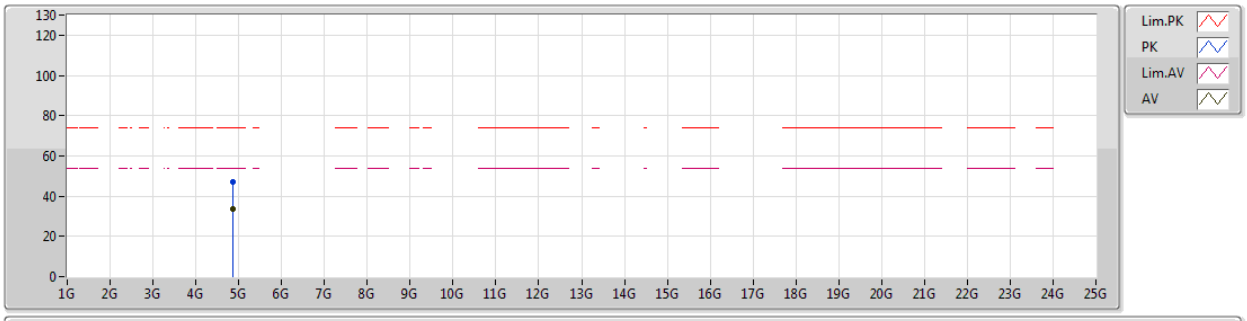
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	62.08	74.00	-11.92	32.14	3	Horizontal	297	1.40	-
AV	2.3898G	46.51	54.00	-7.49	32.14	3	Horizontal	297	1.40	-
PK	2.4386G	109.84	Inf	-Inf	32.28	3	Horizontal	297	1.40	-
AV	2.4358G	100.01	Inf	-Inf	32.28	3	Horizontal	297	1.40	-
PK	2.4846G	63.68	74.00	-10.32	32.43	3	Horizontal	297	1.40	-
AV	2.4835G	48.54	54.00	-5.46	32.42	3	Horizontal	297	1.40	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

28/10/2018



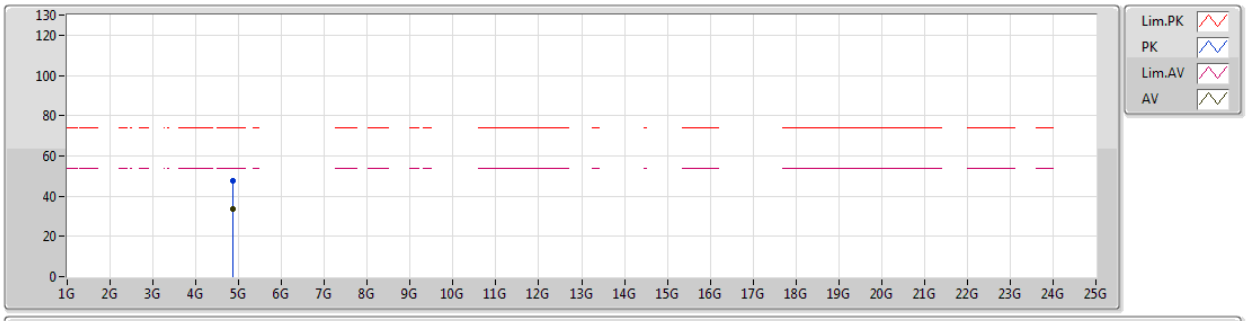
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87192G	47.26	74.00	-26.74	6.66	3	Vertical	81	2.02	-
AV	4.8743G	33.42	54.00	-20.58	6.66	3	Vertical	81	2.02	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

28/10/2018



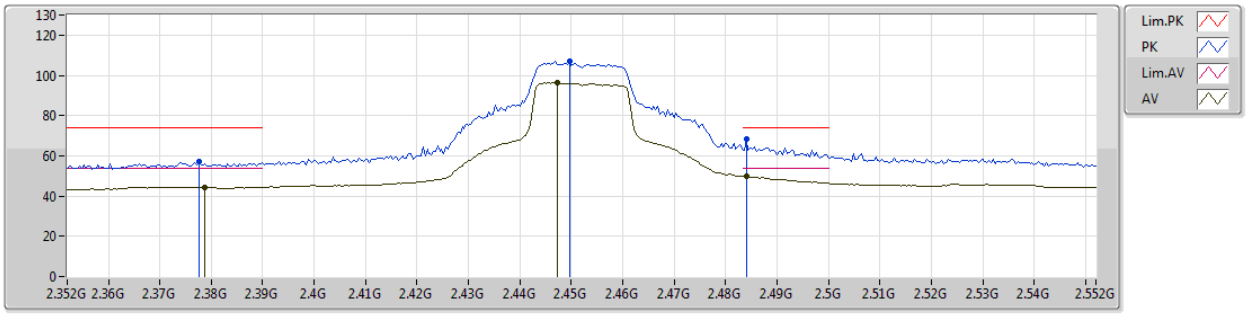
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87552G	47.67	74.00	-26.33	6.66	3	Horizontal	159	1.48	-
AV	4.87316G	33.52	54.00	-20.48	6.66	3	Horizontal	159	1.48	-

802.11n HT20_Nss1,(MCS0)_1TX

2452MHz_TX

28/10/2018



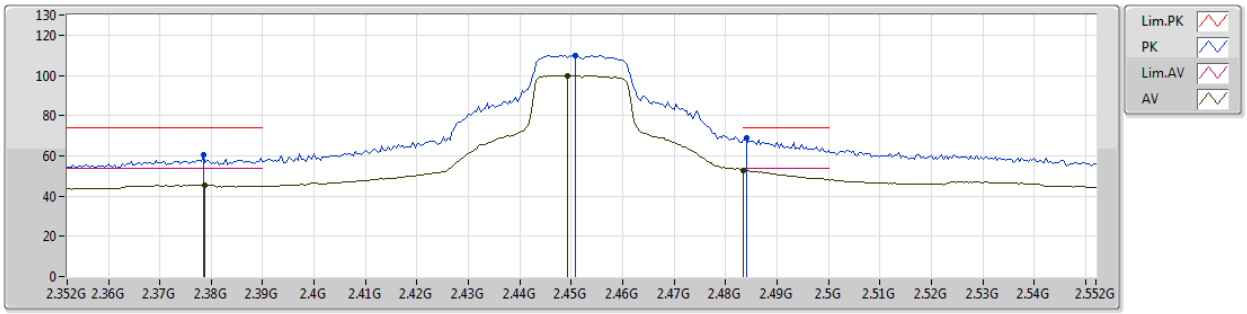
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3776G	57.07	74.00	-16.93	32.10	3	Vertical	170	2.77	-
AV	2.3788G	44.54	54.00	-9.46	32.11	3	Vertical	170	2.77	-
PK	2.4496G	106.99	Inf	-Inf	32.32	3	Vertical	170	2.77	-
AV	2.4472G	96.28	Inf	-Inf	32.31	3	Vertical	170	2.77	-
PK	2.484G	68.39	74.00	-5.61	32.42	3	Vertical	170	2.77	-
AV	2.484G	49.71	54.00	-4.29	32.42	3	Vertical	170	2.77	-

802.11n HT20_Nss1,(MCS0)_1TX

2452MHz_TX

28/10/2018



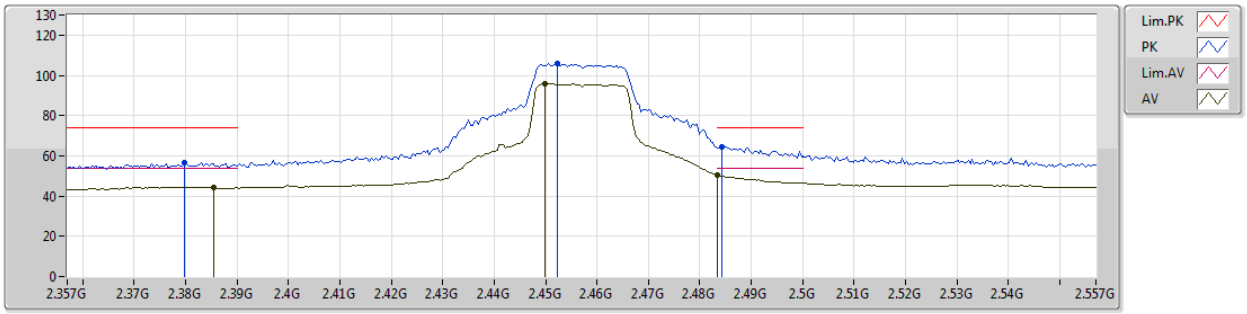
EUT Z_1TX
Setting 63
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3784G	60.42	74.00	-13.58	32.10	3	Horizontal	297	1.32	-
AV	2.3788G	45.59	54.00	-8.41	32.11	3	Horizontal	297	1.32	-
PK	2.4508G	110.02	Inf	-Inf	32.32	3	Horizontal	297	1.32	-
AV	2.4492G	99.95	Inf	-Inf	32.32	3	Horizontal	297	1.32	-
PK	2.484G	68.89	74.00	-5.11	32.42	3	Horizontal	297	1.32	-
AV	2.4835G	52.91	54.00	-1.09	32.42	3	Horizontal	297	1.32	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

28/10/2018



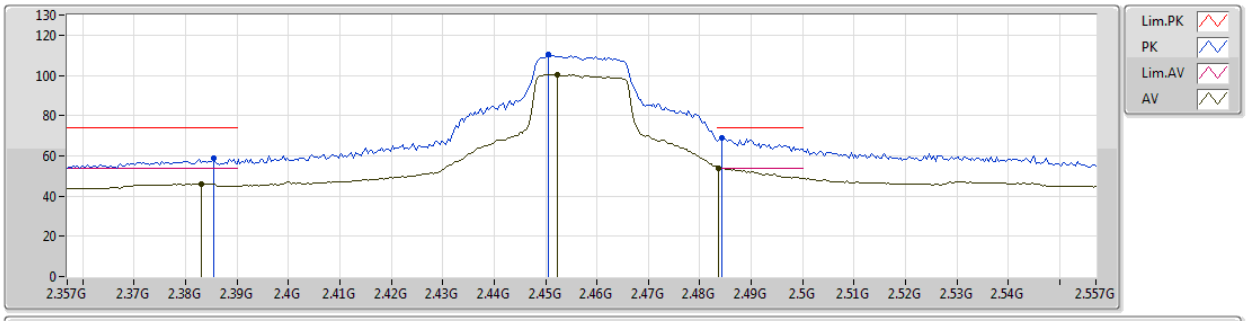
EUT Z_1TX
Setting 60
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3798G	56.64	74.00	-17.36	32.11	3	Vertical	172	2.79	-
AV	2.3854G	44.53	54.00	-9.47	32.13	3	Vertical	172	2.79	-
PK	2.4522G	105.73	Inf	-Inf	32.32	3	Vertical	172	2.79	-
AV	2.4498G	95.71	Inf	-Inf	32.32	3	Vertical	172	2.79	-
PK	2.4842G	64.61	74.00	-9.39	32.43	3	Vertical	172	2.79	-
AV	2.4835G	50.42	54.00	-3.58	32.42	3	Vertical	172	2.79	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

28/10/2018



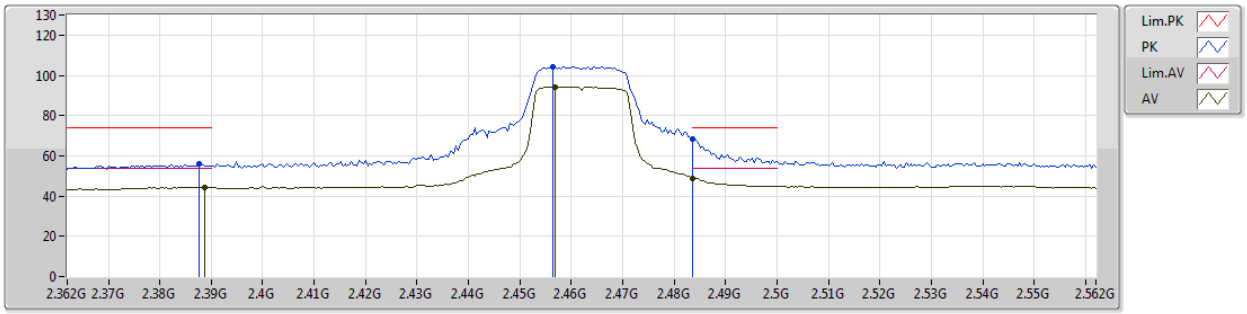
EUT Z_1TX
Setting 60
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3854G	58.93	74.00	-15.07	32.13	3	Horizontal	298	1.34	-
AV	2.383G	46.15	54.00	-7.85	32.12	3	Horizontal	298	1.34	-
PK	2.4506G	110.15	Inf	-Inf	32.32	3	Horizontal	298	1.34	-
AV	2.4522G	100.32	Inf	-Inf	32.32	3	Horizontal	298	1.34	-
PK	2.4842G	69.03	74.00	-4.97	32.43	3	Horizontal	298	1.34	-
AV	2.4836G	53.97	54.00	-0.03	32.42	3	Horizontal	298	1.34	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

28/10/2018



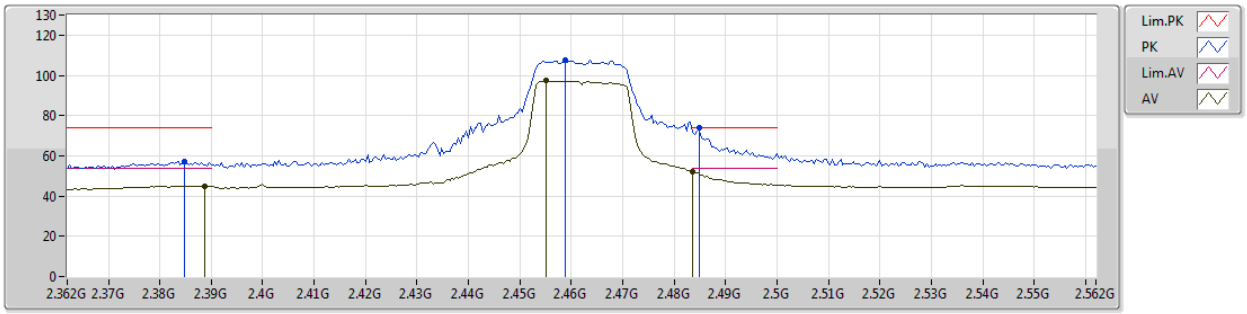
EUT Z_1TX
Setting 55
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3876G	56.23	74.00	-17.77	32.13	3	Vertical	178	2.56	-
AV	2.3888G	44.32	54.00	-9.68	32.13	3	Vertical	178	2.56	-
PK	2.4564G	104.49	Inf	-Inf	32.34	3	Vertical	178	2.56	-
AV	2.4568G	94.32	Inf	-Inf	32.34	3	Vertical	178	2.56	-
PK	2.4835G	68.37	74.00	-5.63	32.42	3	Vertical	178	2.56	-
AV	2.4835G	48.95	54.00	-5.05	32.42	3	Vertical	178	2.56	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

28/10/2018



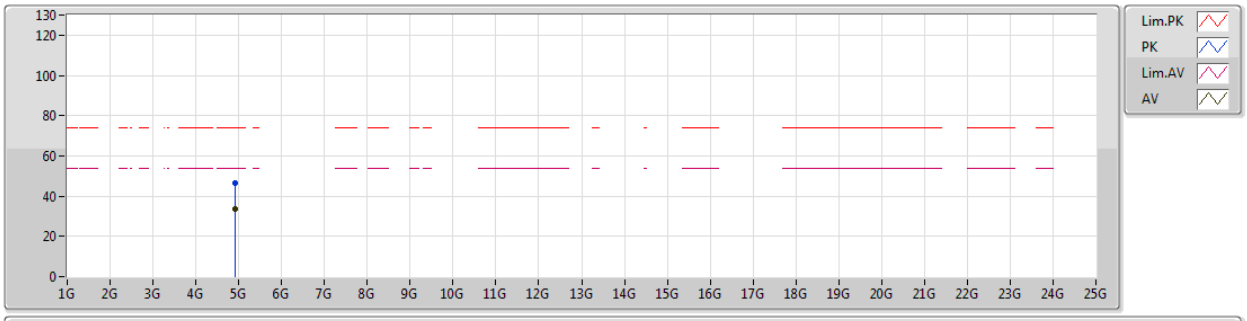
EUT Z_1TX
Setting 55
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3848G	57.38	74.00	-16.62	32.13	3	Horizontal	301	1.35	-
AV	2.3888G	44.99	54.00	-9.01	32.13	3	Horizontal	301	1.35	-
PK	2.4588G	107.34	Inf	-Inf	32.35	3	Horizontal	301	1.35	-
AV	2.4552G	97.33	Inf	-Inf	32.34	3	Horizontal	301	1.35	-
PK	2.4848G	73.84	74.00	-0.16	32.43	3	Horizontal	301	1.35	-
AV	2.4835G	52.09	Inf	-Inf	32.42	3	Horizontal	301	1.35	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

28/10/2018



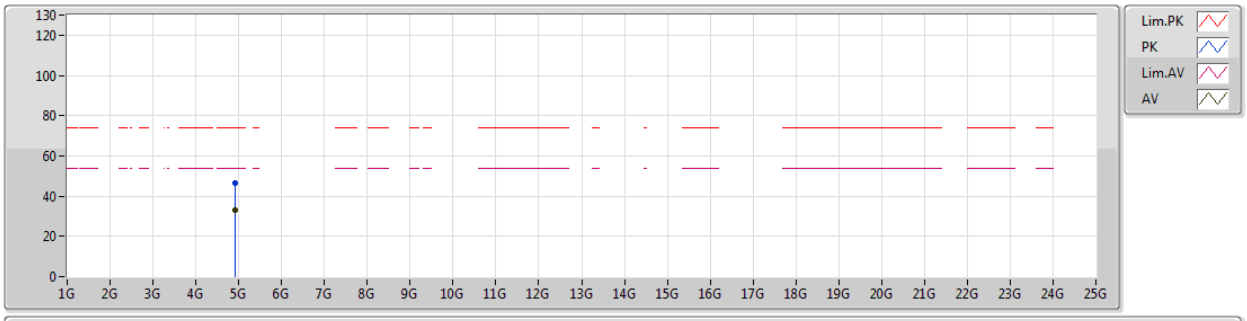
EUT Z_1TX
Setting 55
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9266G	46.47	74.00	-27.53	6.78	3	Vertical	221	1.55	-
AV	4.9206G	33.38	54.00	-20.62	6.77	3	Vertical	221	1.55	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

28/10/2018



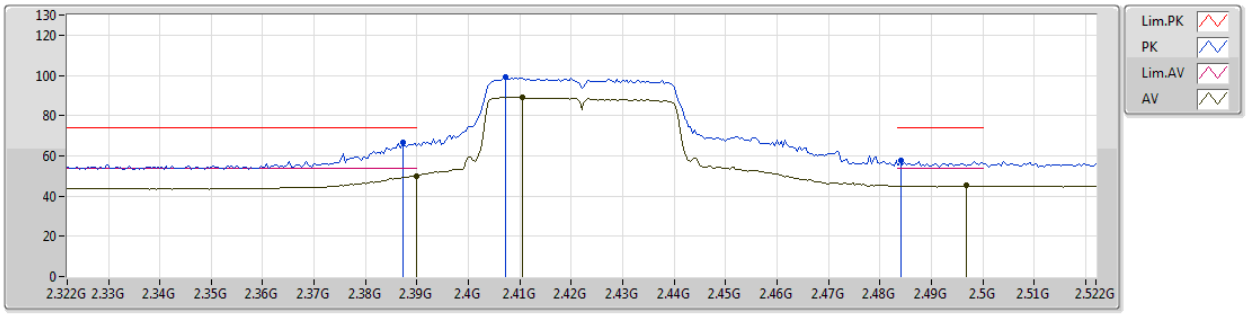
EUT Z_1TX
Setting 55
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92738G	46.50	74.00	-27.50	6.78	3	Horizontal	35	1.44	-
AV	4.92306G	33.29	54.00	-20.71	6.77	3	Horizontal	35	1.44	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

28/10/2018



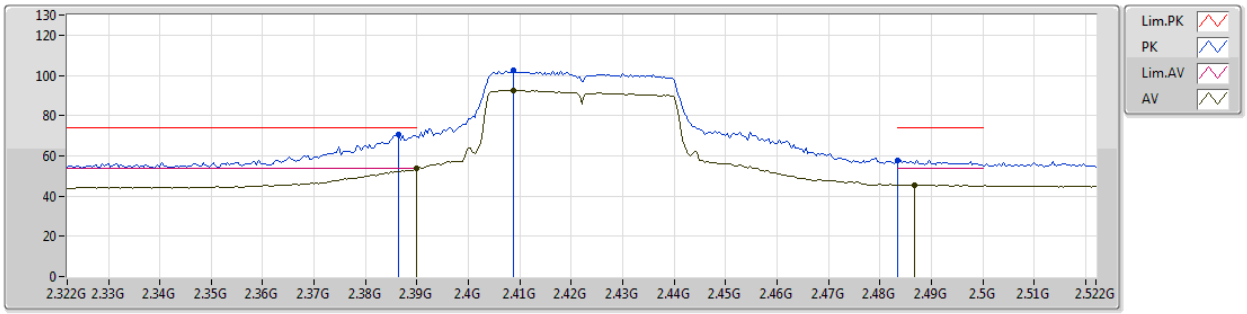
EUT Z_1TX
Setting 48
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3872G	66.43	74.00	-7.57	32.13	3	Vertical	177	2.59	-
AV	2.39G	50.04	54.00	-3.96	32.14	3	Vertical	177	2.59	-
PK	2.4072G	99.17	Inf	-Inf	32.20	3	Vertical	177	2.59	-
AV	2.4104G	89.34	Inf	-Inf	32.20	3	Vertical	177	2.59	-
PK	2.484G	57.45	74.00	-16.55	32.42	3	Vertical	177	2.59	-
AV	2.4968G	45.19	54.00	-8.81	32.46	3	Vertical	177	2.59	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

28/10/2018



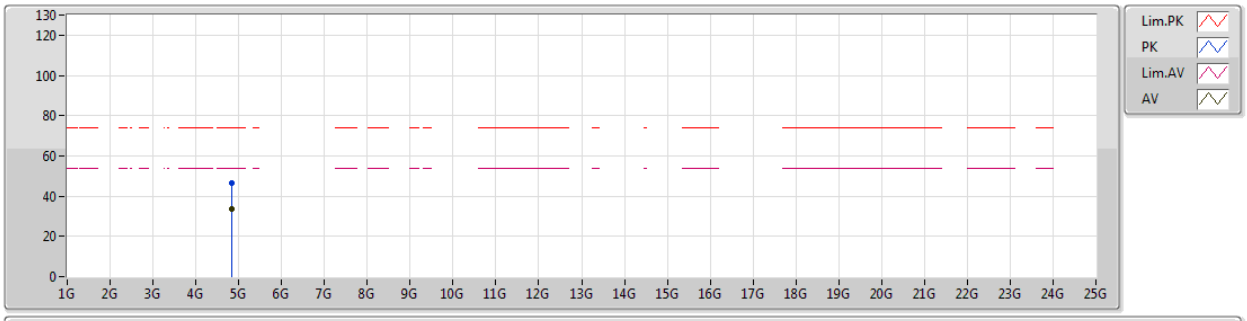
EUT Z_1TX
Setting 48
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3864G	70.76	74.00	-3.24	32.13	3	Horizontal	84	1.01	-
AV	2.39G	53.84	54.00	-0.16	32.14	3	Horizontal	84	1.01	-
PK	2.4088G	102.40	Inf	-Inf	32.20	3	Horizontal	84	1.01	-
AV	2.4088G	92.65	Inf	-Inf	32.20	3	Horizontal	84	1.01	-
PK	2.4835G	57.85	74.00	-16.15	32.42	3	Horizontal	84	1.01	-
AV	2.4868G	45.59	54.00	-8.41	32.43	3	Horizontal	84	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

28/10/2018



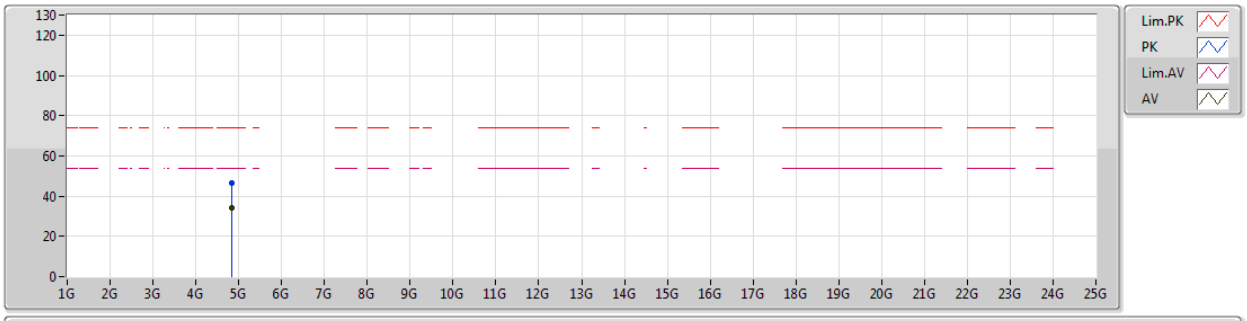
EUT Z_1TX
Setting 48
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.84828G	46.25	74.00	-27.75	6.60	3	Vertical	287	2.07	-
AV	4.84594G	33.71	54.00	-20.29	6.60	3	Vertical	287	2.07	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

28/10/2018



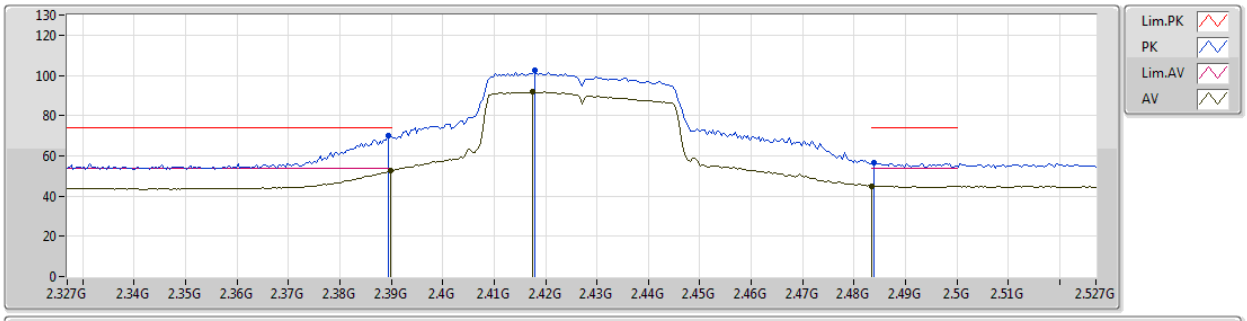
EUT Z_1TX
Setting 48
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8407G	46.47	74.00	-27.53	6.59	3	Horizontal	170	1.76	-
AV	4.84036G	34.19	54.00	-19.81	6.59	3	Horizontal	170	1.76	-

802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_TX

28/10/2018



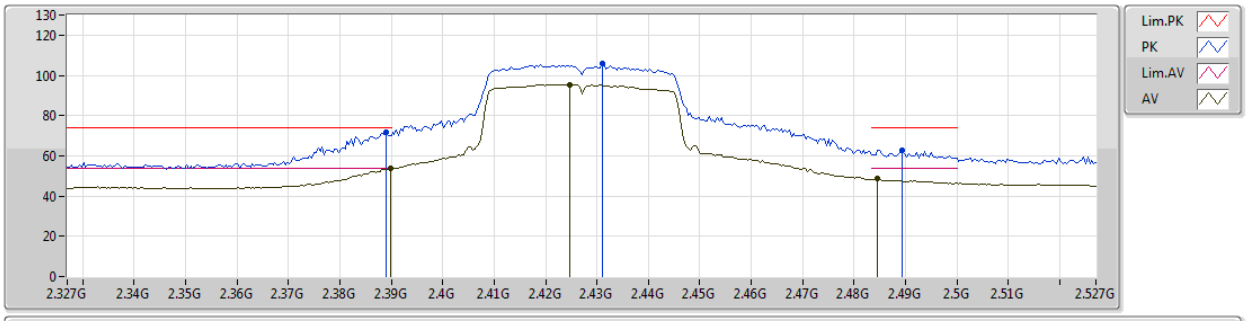
EUT Z_1TX
Setting 58
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	69.91	74.00	-4.09	32.14	3	Vertical	358	2.71	-
AV	2.3898G	52.54	54.00	-1.46	32.14	3	Vertical	358	2.71	-
PK	2.4178G	102.47	Inf	-Inf	32.23	3	Vertical	358	2.71	-
AV	2.4174G	91.80	Inf	-Inf	32.22	3	Vertical	358	2.71	-
PK	2.4838G	56.69	74.00	-17.31	32.42	3	Vertical	358	2.71	-
AV	2.4835G	45.00	54.00	-9.00	32.42	3	Vertical	358	2.71	-

802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_TX

28/10/2018



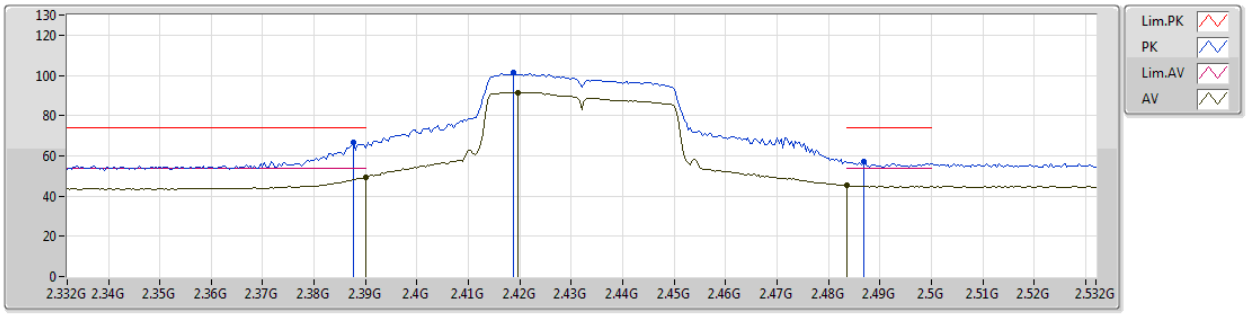
EUT Z_1TX
Setting 58
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	71.86	74.00	-2.14	32.13	3	Horizontal	298	2.88	-
AV	2.3898G	53.72	54.00	-0.28	32.14	3	Horizontal	298	2.88	-
PK	2.431G	105.89	Inf	-Inf	32.27	3	Horizontal	298	2.88	-
AV	2.4246G	95.53	Inf	-Inf	32.24	3	Horizontal	298	2.88	-
PK	2.4894G	62.65	74.00	-11.35	32.45	3	Horizontal	298	2.88	-
AV	2.4846G	48.60	54.00	-5.40	32.43	3	Horizontal	298	2.88	-

802.11n HT40_Nss1,(MCS0)_1TX

2432MHz_TX

28/10/2018



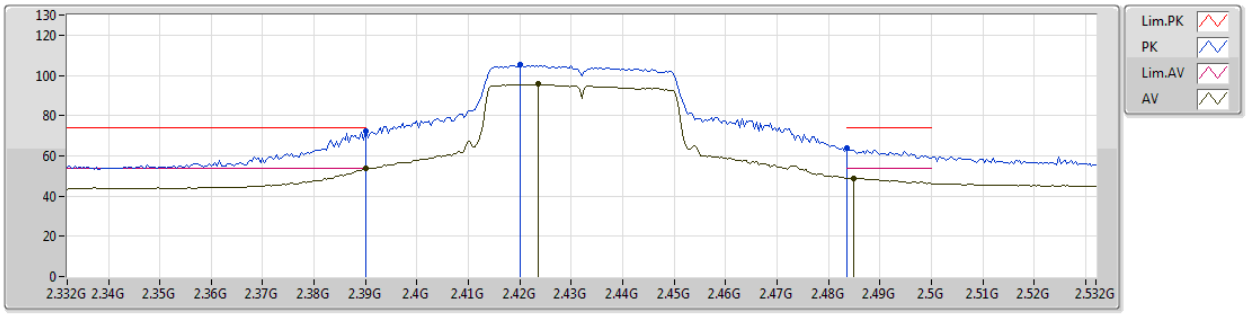
EUT Z_1TX
Setting 60
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3876G	66.50	74.00	-7.50	32.13	3	Vertical	358	2.72	-
AV	2.39G	49.34	54.00	-4.66	32.14	3	Vertical	358	2.72	-
PK	2.4188G	101.62	Inf	-Inf	32.23	3	Vertical	358	2.72	-
AV	2.4196G	91.59	Inf	-Inf	32.23	3	Vertical	358	2.72	-
PK	2.4868G	57.15	74.00	-16.85	32.43	3	Vertical	358	2.72	-
AV	2.4835G	45.32	54.00	-8.68	32.42	3	Vertical	358	2.72	-

802.11n HT40_Nss1,(MCS0)_1TX

2432MHz_TX

28/10/2018



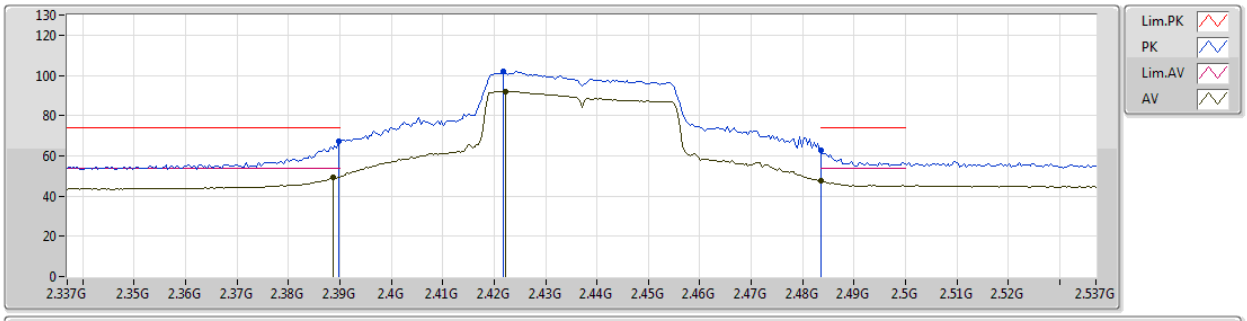
EUT Z_1TX
Setting 60
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	72.48	74.00	-1.52	32.14	3	Horizontal	192	1.01	-
AV	2.39G	53.66	54.00	-0.34	32.14	3	Horizontal	192	1.01	-
PK	2.42G	105.21	Inf	-Inf	32.23	3	Horizontal	192	1.01	-
AV	2.4236G	95.56	Inf	-Inf	32.24	3	Horizontal	192	1.01	-
PK	2.4835G	63.86	Inf	-Inf	32.42	3	Horizontal	192	1.01	-
AV	2.4848G	49.02	54.00	-4.98	32.43	3	Horizontal	192	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

28/10/2018



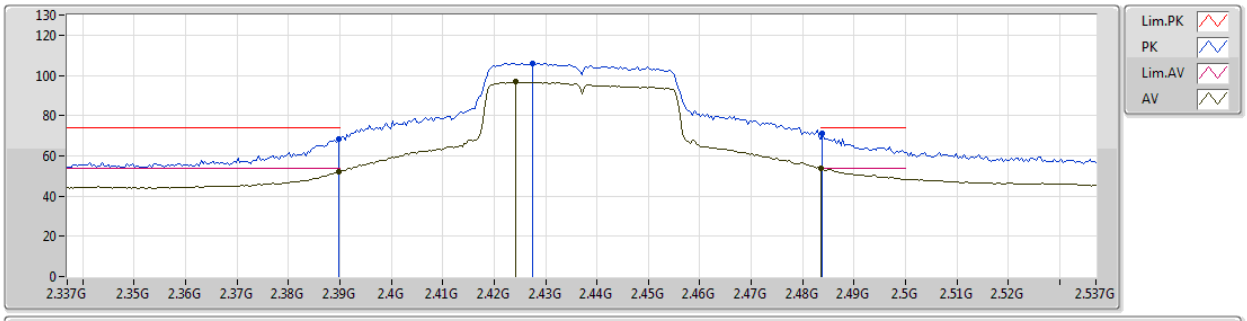
EUT Z_1TX
Setting 62
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	67.19	74.00	-6.81	32.14	3	Vertical	357	2.71	-
AV	2.3886G	49.49	54.00	-4.51	32.13	3	Vertical	357	2.71	-
PK	2.4218G	101.99	Inf	-Inf	32.24	3	Vertical	357	2.71	-
AV	2.4222G	92.10	Inf	-Inf	32.24	3	Vertical	357	2.71	-
PK	2.4835G	62.64	74.00	-11.36	32.42	3	Vertical	357	2.71	-
AV	2.4835G	47.40	54.00	-6.60	32.42	3	Vertical	357	2.71	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

28/10/2018



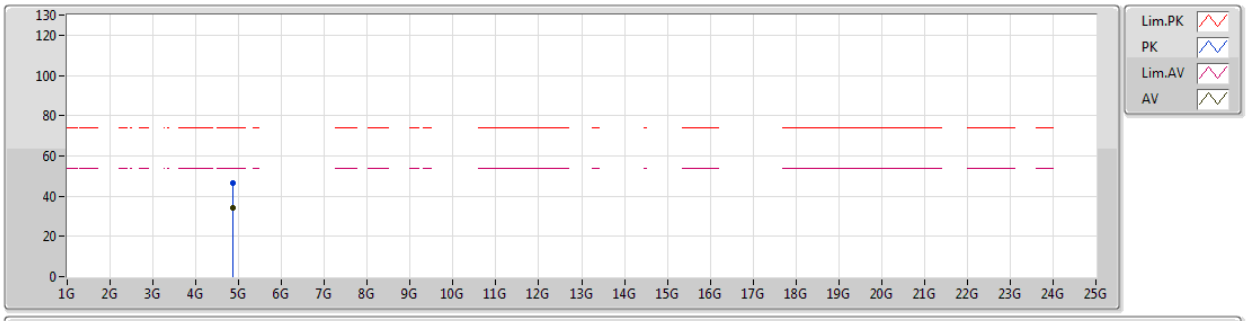
EUT Z_1TX
Setting 62
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	68.31	74.00	-5.69	32.14	3	Horizontal	301	2.89	-
AV	2.3898G	51.98	54.00	-2.02	32.14	3	Horizontal	301	2.89	-
PK	2.4274G	106.15	Inf	-Inf	32.25	3	Horizontal	301	2.89	-
AV	2.4242G	96.70	Inf	-Inf	32.24	3	Horizontal	301	2.89	-
PK	2.4838G	70.91	74.00	-3.09	32.42	3	Horizontal	301	2.89	-
AV	2.4835G	53.94	54.00	-0.06	32.42	3	Horizontal	301	2.89	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

28/10/2018



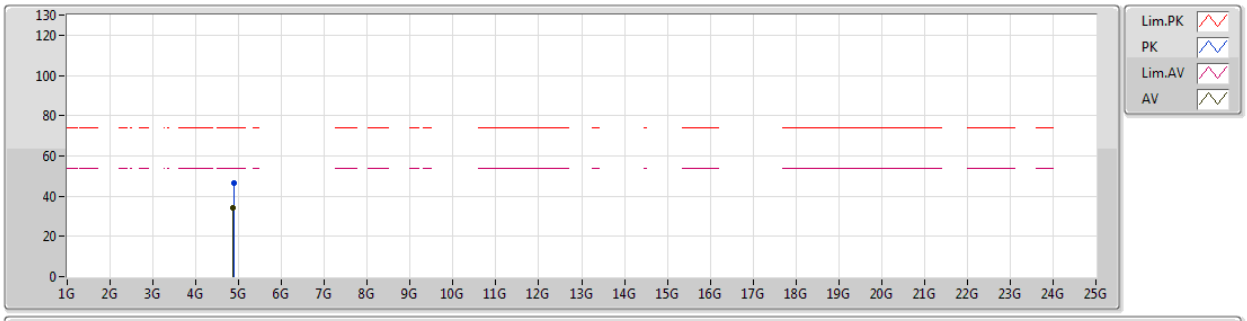
EUT Z_1TX
Setting 62
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.86902G	46.77	74.00	-27.23	6.65	3	Vertical	152	2.38	-
AV	4.87512G	34.26	54.00	-19.74	6.66	3	Vertical	152	2.38	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

28/10/2018



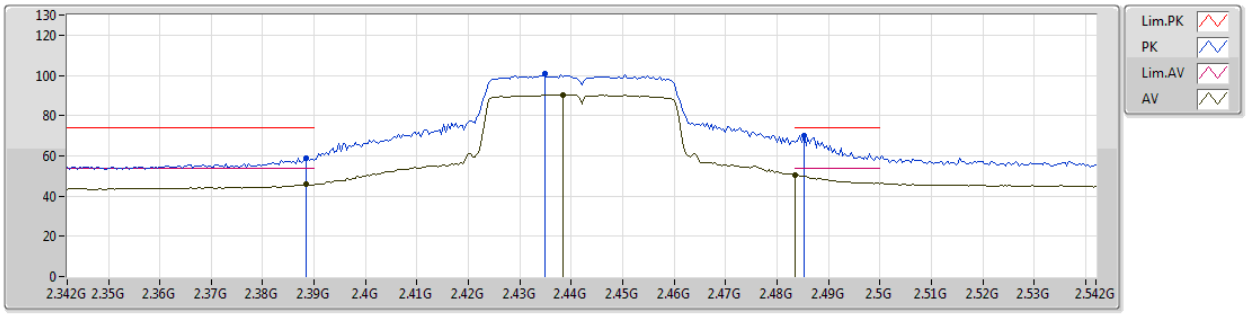
EUT Z_1TX
Setting 62
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87802G	46.75	74.00	-27.25	6.67	3	Horizontal	36	2.08	-
AV	4.87568G	34.44	54.00	-19.56	6.66	3	Horizontal	36	2.08	-

802.11n HT40_Nss1,(MCS0)_1TX

2442MHz_TX

28/10/2018



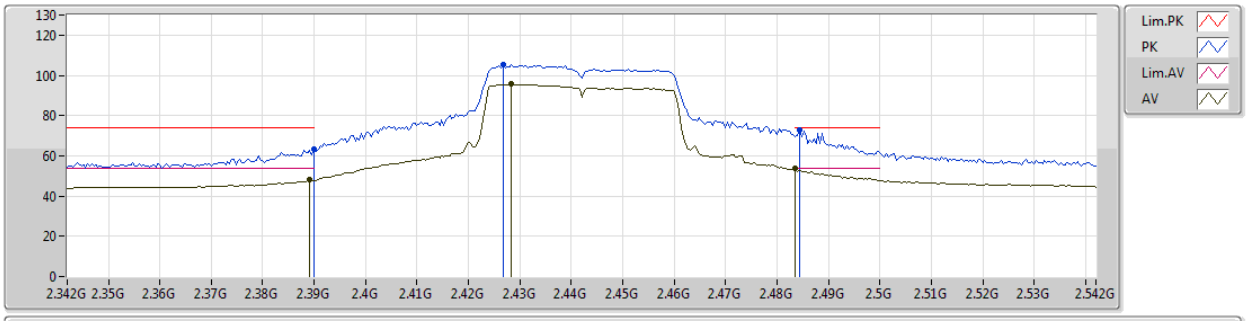
EUT Z_1TX
Setting 61
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	58.70	74.00	-15.30	32.13	3	Vertical	179	2.00	-
AV	2.3884G	45.80	54.00	-8.20	32.13	3	Vertical	179	2.00	-
PK	2.4348G	100.68	Inf	-Inf	32.28	3	Vertical	179	2.00	-
AV	2.4384G	90.45	Inf	-Inf	32.28	3	Vertical	179	2.00	-
PK	2.4852G	70.14	74.00	-3.86	32.43	3	Vertical	179	2.00	-
AV	2.4835G	50.67	54.00	-3.33	32.42	3	Vertical	179	2.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2442MHz_TX

28/10/2018



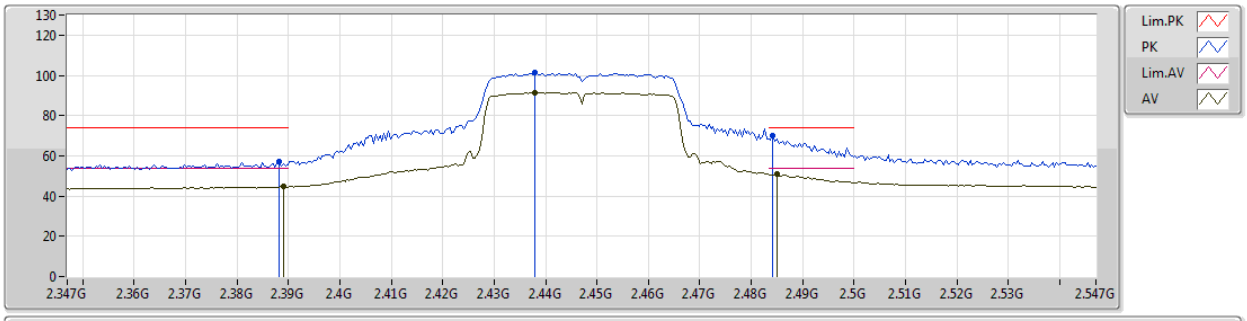
EUT Z_1TX
Setting 61
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	63.50	74.00	-10.50	32.14	3	Horizontal	303	1.53	-
AV	2.3892G	48.04	54.00	-5.96	32.14	3	Horizontal	303	1.53	-
PK	2.4268G	105.14	Inf	-Inf	32.25	3	Horizontal	303	1.53	-
AV	2.4284G	95.71	Inf	-Inf	32.25	3	Horizontal	303	1.53	-
PK	2.4844G	72.89	74.00	-1.11	32.43	3	Horizontal	303	1.53	-
AV	2.4836G	53.69	54.00	-0.31	32.42	3	Horizontal	303	1.53	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

28/10/2018



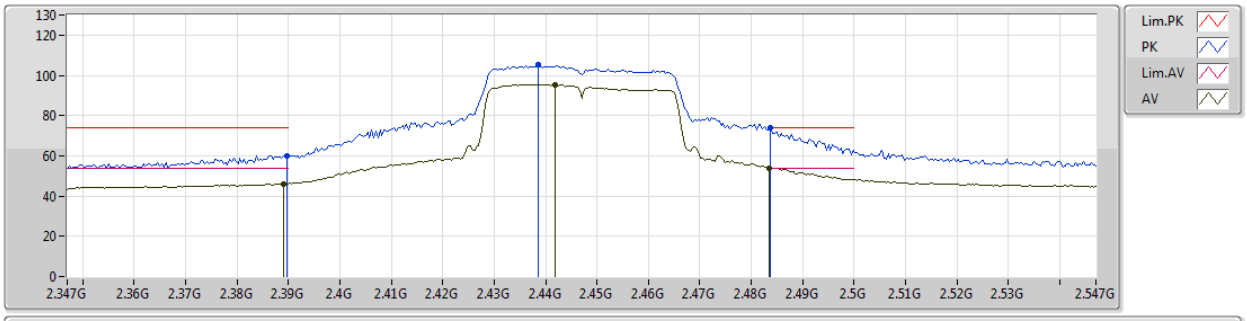
EUT Z_1TX
Setting 60
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3882G	57.23	74.00	-16.77	32.13	3	Vertical	169	2.80	-
AV	2.389G	44.63	54.00	-9.37	32.13	3	Vertical	169	2.80	-
PK	2.4378G	101.37	Inf	-Inf	32.28	3	Vertical	169	2.80	-
AV	2.4378G	91.38	Inf	-Inf	32.28	3	Vertical	169	2.80	-
PK	2.4842G	70.15	74.00	-3.85	32.43	3	Vertical	169	2.80	-
AV	2.485G	50.78	54.00	-3.22	32.43	3	Vertical	169	2.80	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

28/10/2018



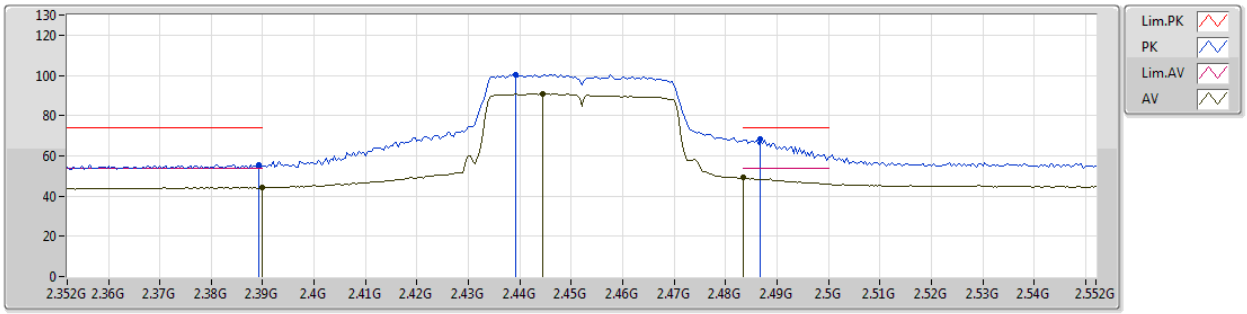
EUT Z_1TX
Setting 60
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	60.20	74.00	-13.80	32.14	3	Horizontal	300	1.44	-
AV	2.389G	45.96	54.00	-8.04	32.13	3	Horizontal	300	1.44	-
PK	2.4386G	105.58	Inf	-Inf	32.28	3	Horizontal	300	1.44	-
AV	2.4418G	95.42	Inf	-Inf	32.30	3	Horizontal	300	1.44	-
PK	2.4838G	73.77	74.00	-0.23	32.42	3	Horizontal	300	1.44	-
AV	2.4835G	53.96	Inf	-Inf	32.42	3	Horizontal	300	1.44	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

28/10/2018



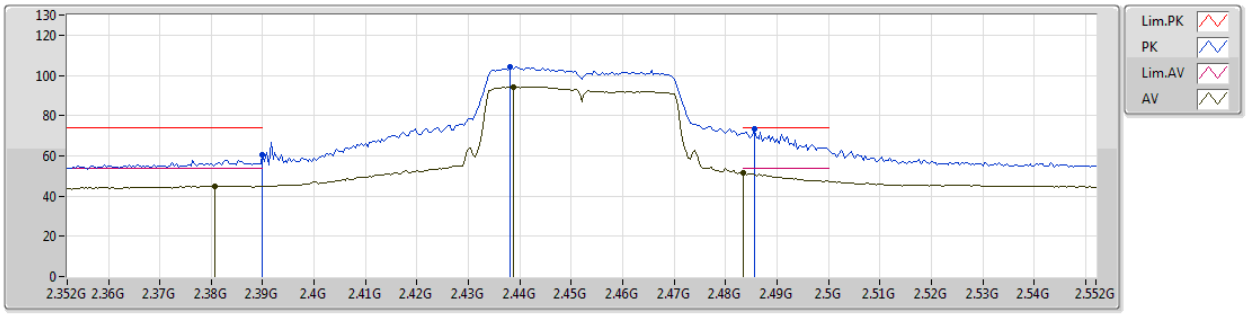
EUT Z_1TX
Setting 59
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3892G	55.62	74.00	-18.38	32.14	3	Vertical	170	2.78	-
AV	2.39G	44.26	54.00	-9.74	32.14	3	Vertical	170	2.78	-
PK	2.4392G	100.50	Inf	-Inf	32.29	3	Vertical	170	2.78	-
AV	2.4444G	90.91	Inf	-Inf	32.31	3	Vertical	170	2.78	-
PK	2.4868G	68.15	74.00	-5.85	32.43	3	Vertical	170	2.78	-
AV	2.4835G	49.05	54.00	-4.95	32.42	3	Vertical	170	2.78	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

28/10/2018



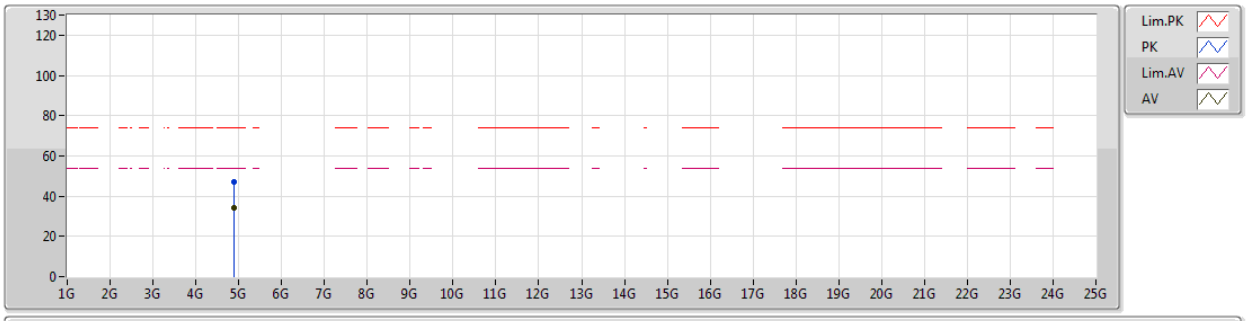
EUT Z_1TX
Setting 59
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	60.69	74.00	-13.31	32.14	3	Horizontal	299	1.45	-
AV	2.3808G	44.97	54.00	-9.03	32.12	3	Horizontal	299	1.45	-
PK	2.438G	104.18	Inf	-Inf	32.28	3	Horizontal	299	1.45	-
AV	2.4388G	94.22	Inf	-Inf	32.29	3	Horizontal	299	1.45	-
PK	2.4856G	73.53	74.00	-0.47	32.43	3	Horizontal	299	1.45	-
AV	2.4835G	51.55	Inf	-Inf	32.42	3	Horizontal	299	1.45	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

28/10/2018



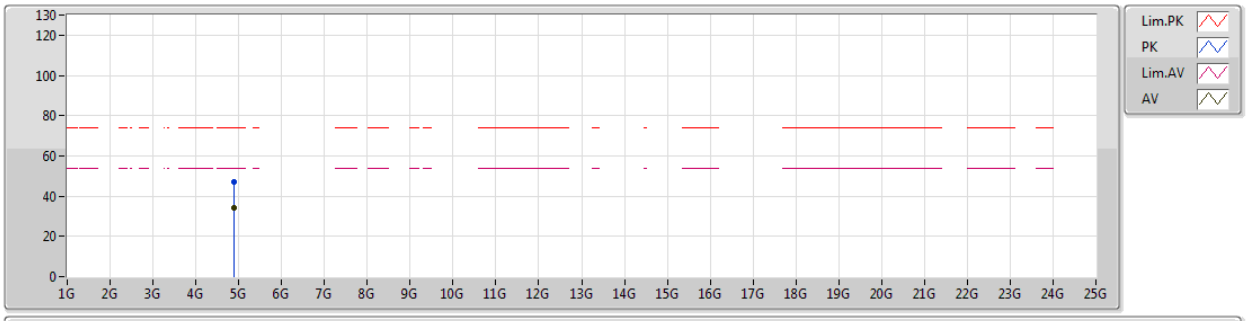
EUT Z_1TX
Setting 59
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.90176G	46.92	74.00	-27.08	6.72	3	Vertical	357	2.20	-
AV	4.90258G	34.14	54.00	-19.86	6.72	3	Vertical	357	2.20	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

28/10/2018



EUT Z_1TX
Setting 59
06-S-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.90312G	46.96	74.00	-27.04	6.72	3	Horizontal	45	1.94	-
AV	4.89944G	34.44	54.00	-19.56	6.72	3	Horizontal	45	1.94	-