



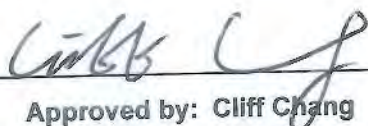
FCC RADIO TEST REPORT

FCC ID : TE7RE205V2
Equipment : AC750 Wi-Fi Range Extender
Brand Name : tp-link
Model Name : RE205
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. 01, 2018, and testing was started from Oct. 25, 2018 and completed on Oct. 31, 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: Cliff Chang

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



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Photographs of EUT v01



History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB Ver1.0

Page Number : 4 of 30
Issued Date : Dec. 26, 2018
Report Version : 01



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	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The EUT supports AP and Extender mode, only Extender mode was tested and recorded in this test report by applicant request.

Reviewed by: Cliff Chang

Report Producer: Vicky 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	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Product Number	Antenna Type	Connector	Gain (dBi)	
						2.4GHz	5GHz
1	1	TP-LINK	3101501563	Dipole Antenna	I-PEX	2	3
2	2	TP-LINK	3101501562	Dipole Antenna	I-PEX	2	-

Note: The EUT has two antennas.

For WLAN 2.4GHz function (2TX/2RX):

Port 1 and Port 2 could transmit/receive simultaneously.

For WLAN 5GHz function (1TX/1RX):

Only Port 1 could transmit/receive simultaneously.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.992	0.035	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.927	0.329	1.397m	1k
802.11n HT20	0.926	0.334	1.297m	1k
802.11n HT40	0.853	0.691	637.5u	3k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	Internal power supply			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	MT7603 QA V0.0.0.70			

1.1.5 Table for EUT support function

Function
AP
Extender

Note: The EUT supports AP and Extender mode, only Extender mode was tested and recorded in this test report by applicant request.



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
- ♦ FCC KDB 662911 D01 v02r01

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	Paul Chen	22°C / 54%	Oct. 30, 2018~Oct. 31, 2018
Radiated below 1GHz	03CH01-CB	Paul Chen	24°C / 58%	Oct. 25, 2018~Oct. 26, 2018
Radiated above 1GHz	03CH01-CB	Cola Chang	24°C / 58%	Oct. 25, 2018~Oct. 31, 2018
AC Conduction	CO02-CB	Rick Yeh	25°C / 60%	Oct. 30, 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)	2.0 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 x10 ⁻⁸	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	1D
2417MHz	1D
2422MHz	20
2427MHz	20
2432MHz	22
2437MHz	24
2442MHz	24
2447MHz	22
2452MHz	22
2457MHz	1E
2462MHz	1E
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	19
2417MHz	1F
2422MHz	23
2427MHz	24
2437MHz	24
2447MHz	24
2452MHz	23
2457MHz	21
2462MHz	18
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	15
2417MHz	1E
2422MHz	21
2427MHz	24
2437MHz	24
2447MHz	24
2452MHz	21
2457MHz	1F



Mode	Power Setting
2462MHz	17
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	11
2427MHz	14
2432MHz	18
2437MHz	1A
2442MHz	19
2447MHz	17
2452MHz	13

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	Extender mode

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
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	Extender mode - EUT in Y axis
2	Extender mode - EUT in Z axis
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The EUT was performed at Y axis and Z axis position for Radiated emission test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT in Y axis - WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA892823 for Co-location RF Exposure Evaluation.	

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

N/A

2.5 Support Equipment

For Test Site No: CO02-CB

Support Equipment			
Equipment	Brand Name	Model Name	FCC ID
NB*3	DELL	E6430	N/A
AP Router	ASUS	RP-N53	MSQ-RPN53

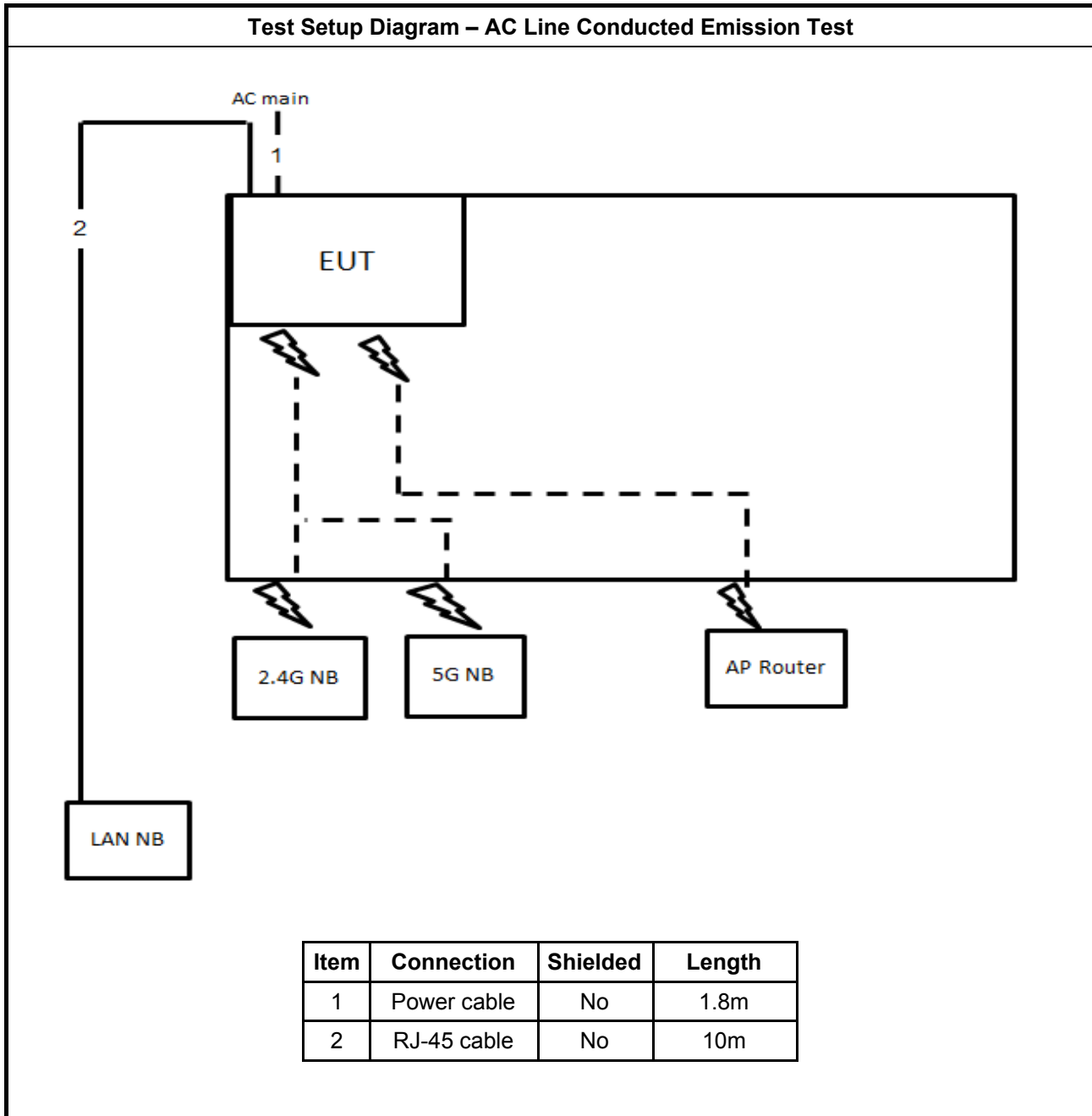
For Test Site No: 03CH01-CB (below 1GHz)

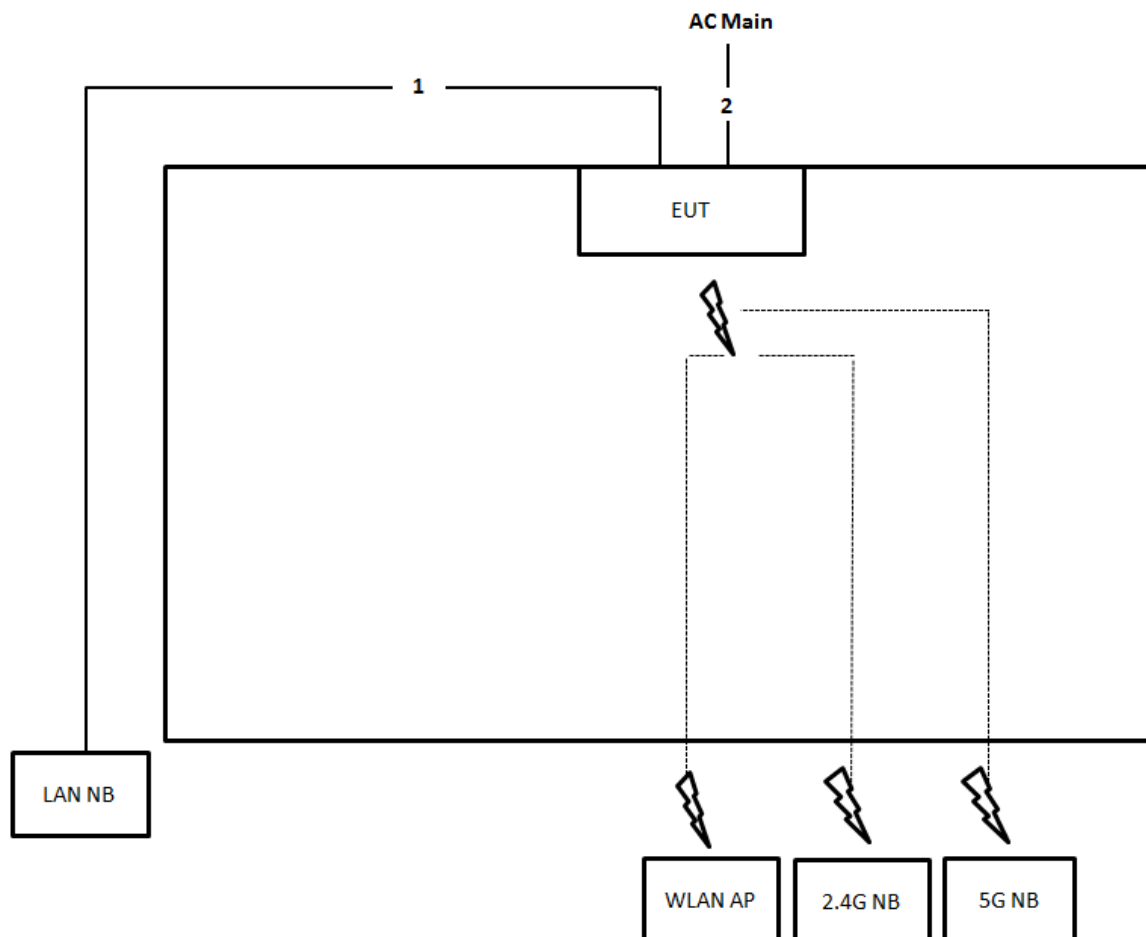
Support Equipment			
Equipment	Brand Name	Model Name	FCC ID
NB*3	DELL	E4300	N/A
WLAN AP	NETGEAR	WNDR3300v2	PY309300116

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

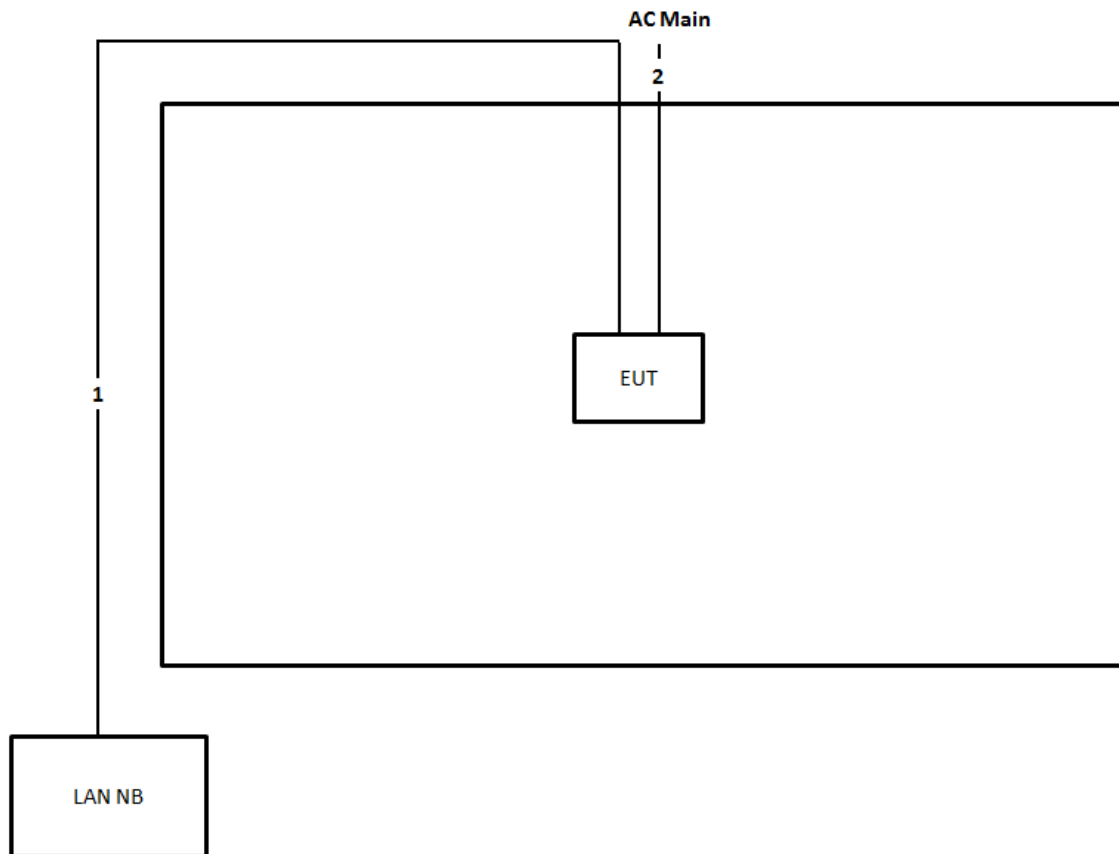
Support Equipment			
Equipment	Brand Name	Model Name	FCC ID
NB	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

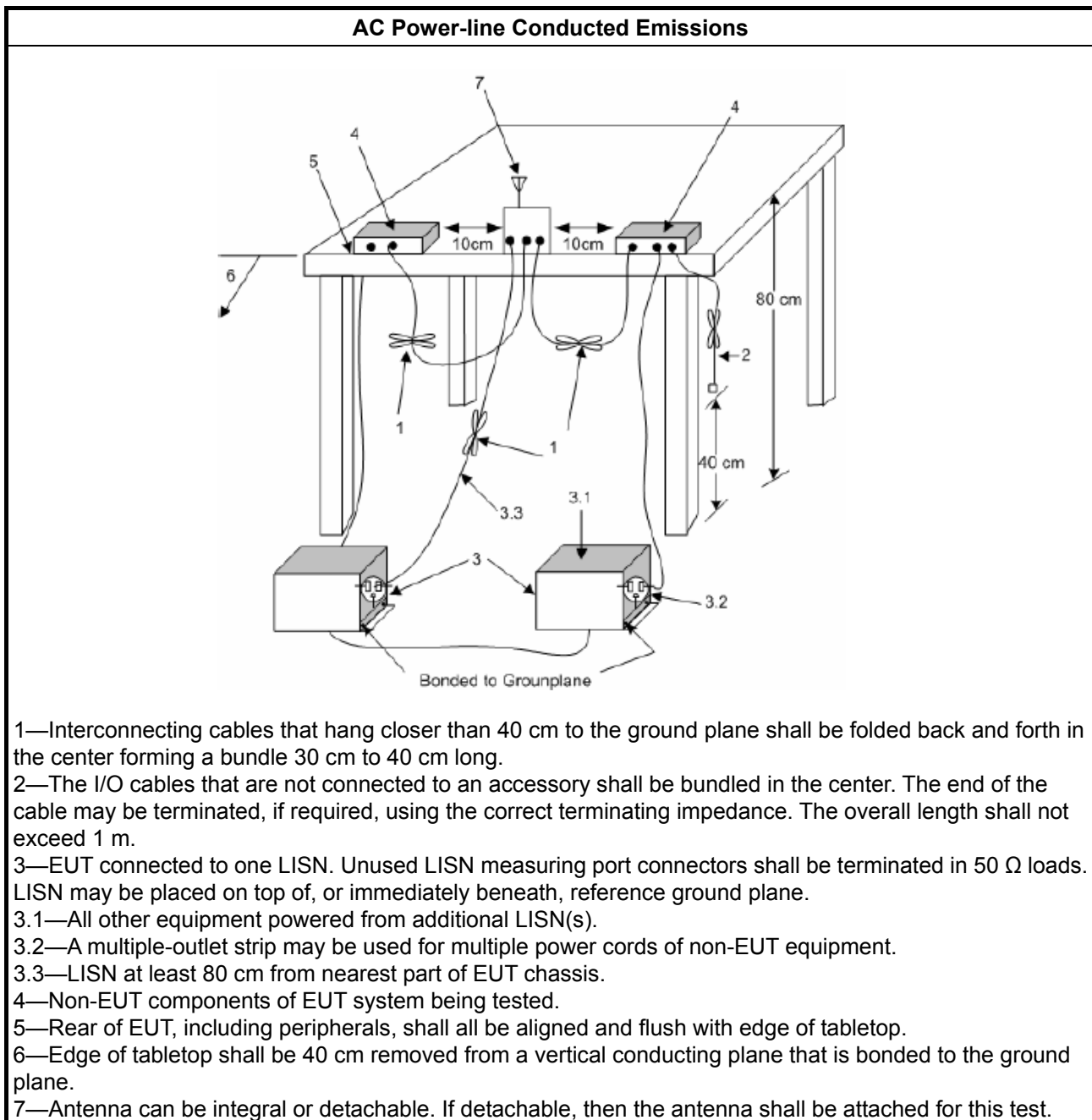
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
6 dB bandwidth $\geq$ 500 kHz.

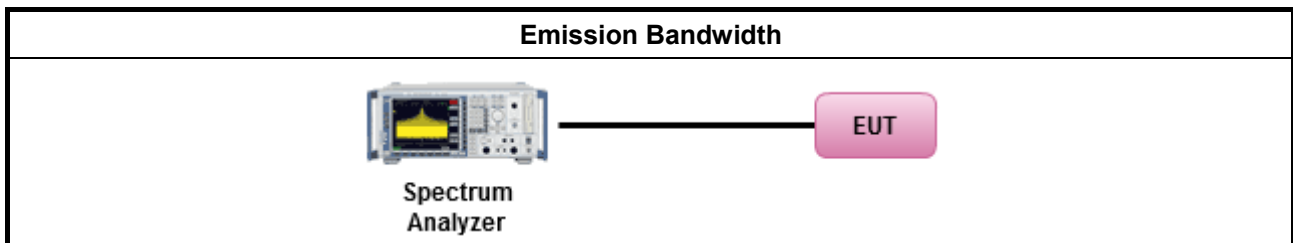
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
For the emission bandwidth shall be measured using one of the options below:
☒ Refer as FCC KDB 558074, clause 8.2 & 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



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.	

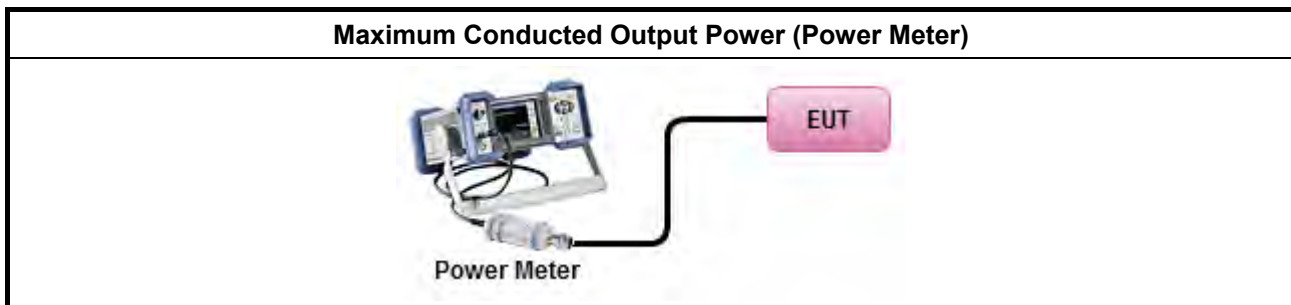
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

3.4.2 Measuring Instruments

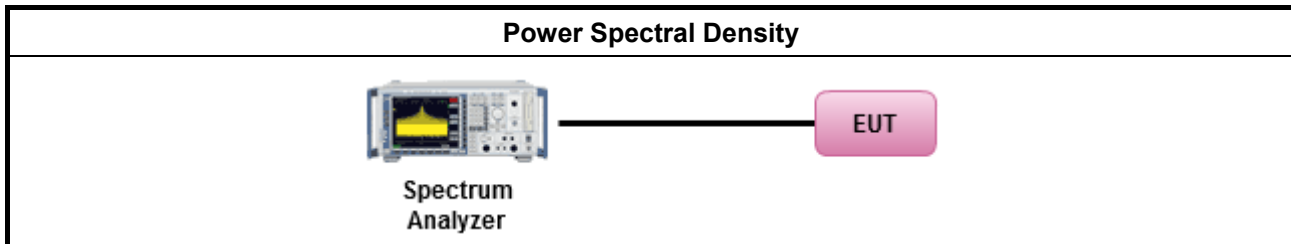
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.2 Method PKPSD. [duty cycle $\geq 98\%$ 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 11.10.8 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



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.	

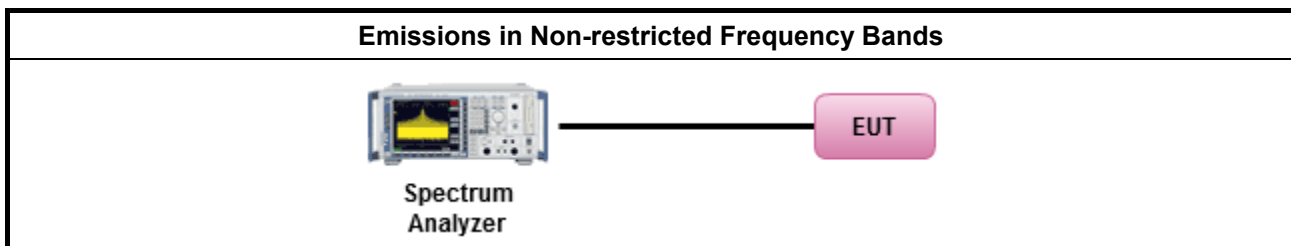
3.5.2 Measuring Instruments

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



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

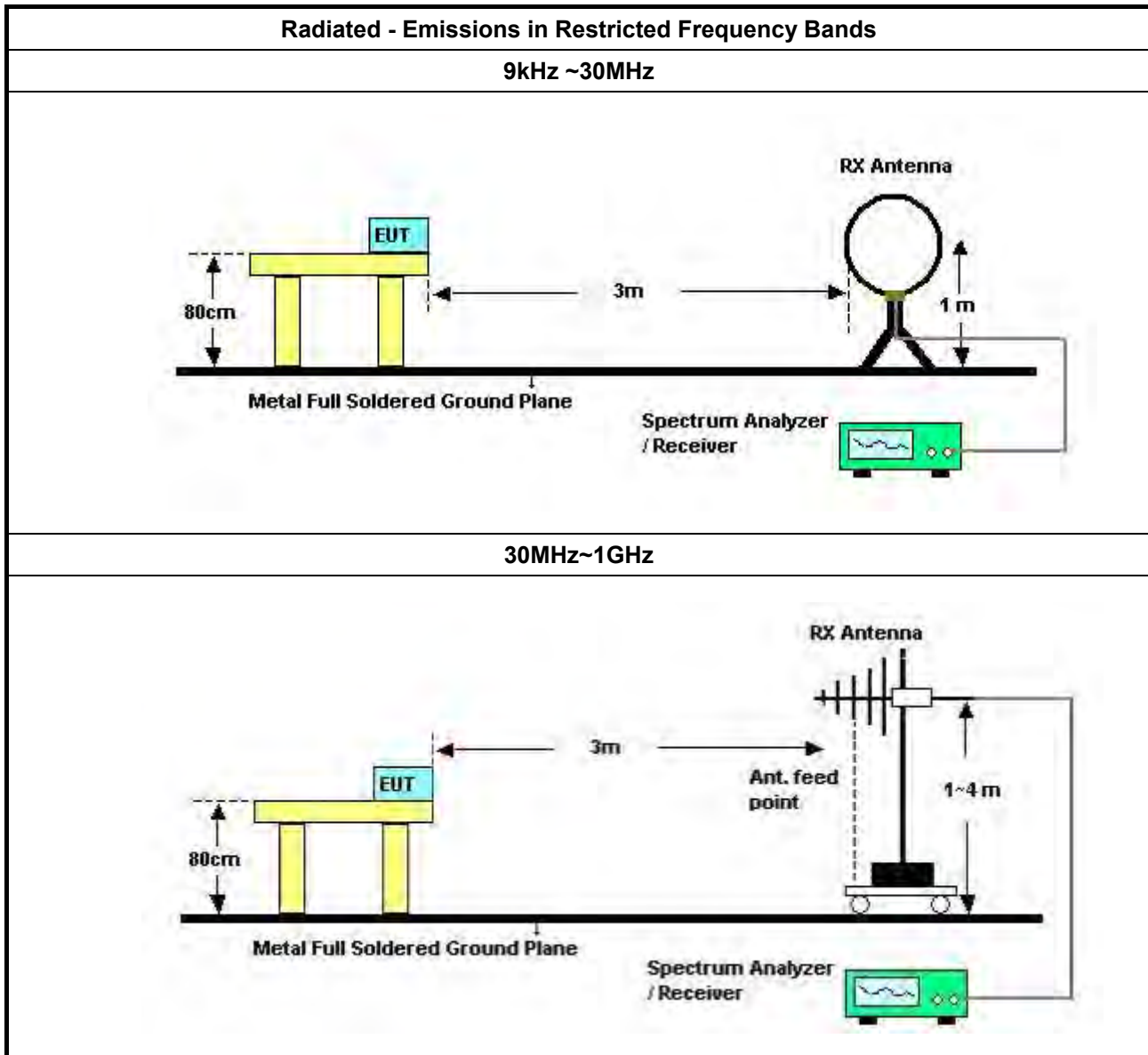
Refer a test equipment and calibration data table in this test report.

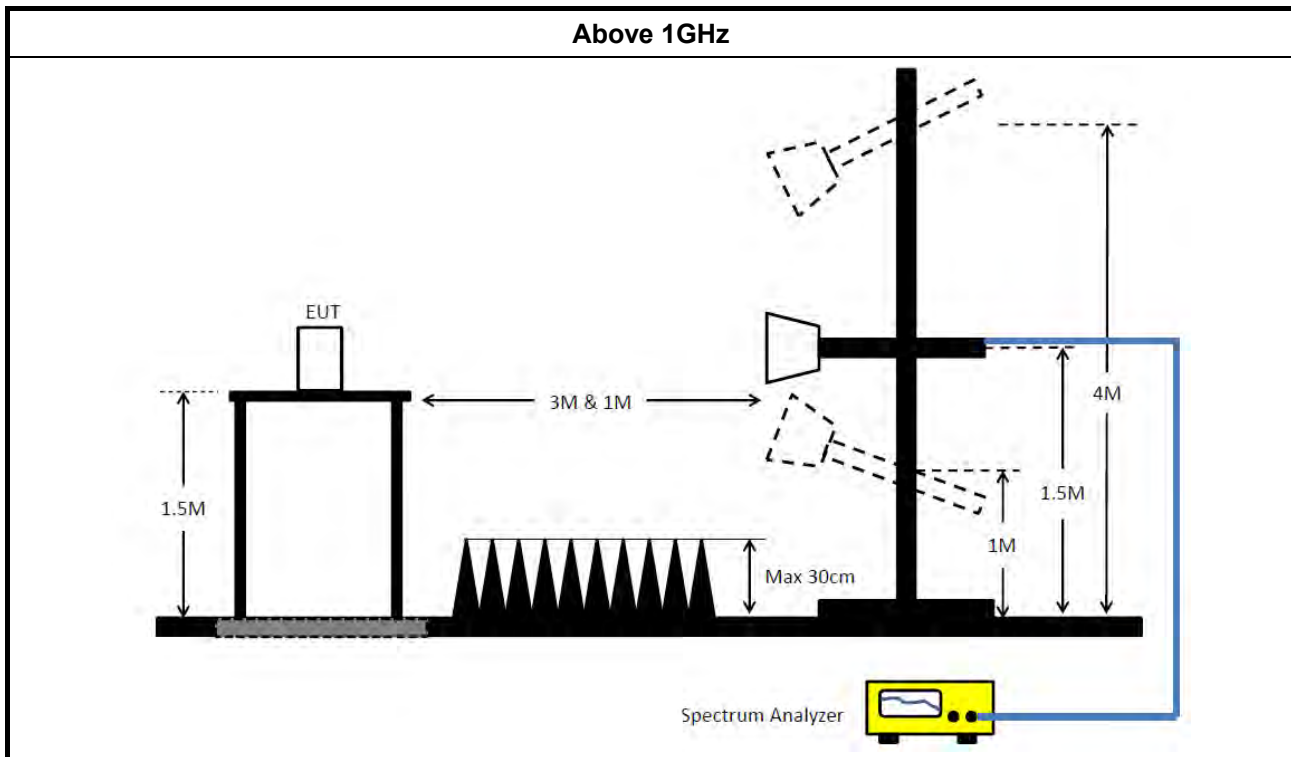


3.6.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as 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 $\geq 98\%$).
	☐ 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 $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 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





3.6.5 Emissions in Restricted Frequency Bands (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 Emissions in Restricted Frequency Bands

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-H G	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	100359	9kHz ~ 2.75GHz	Jul. 03, 2018	Jul. 02, 2019	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)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

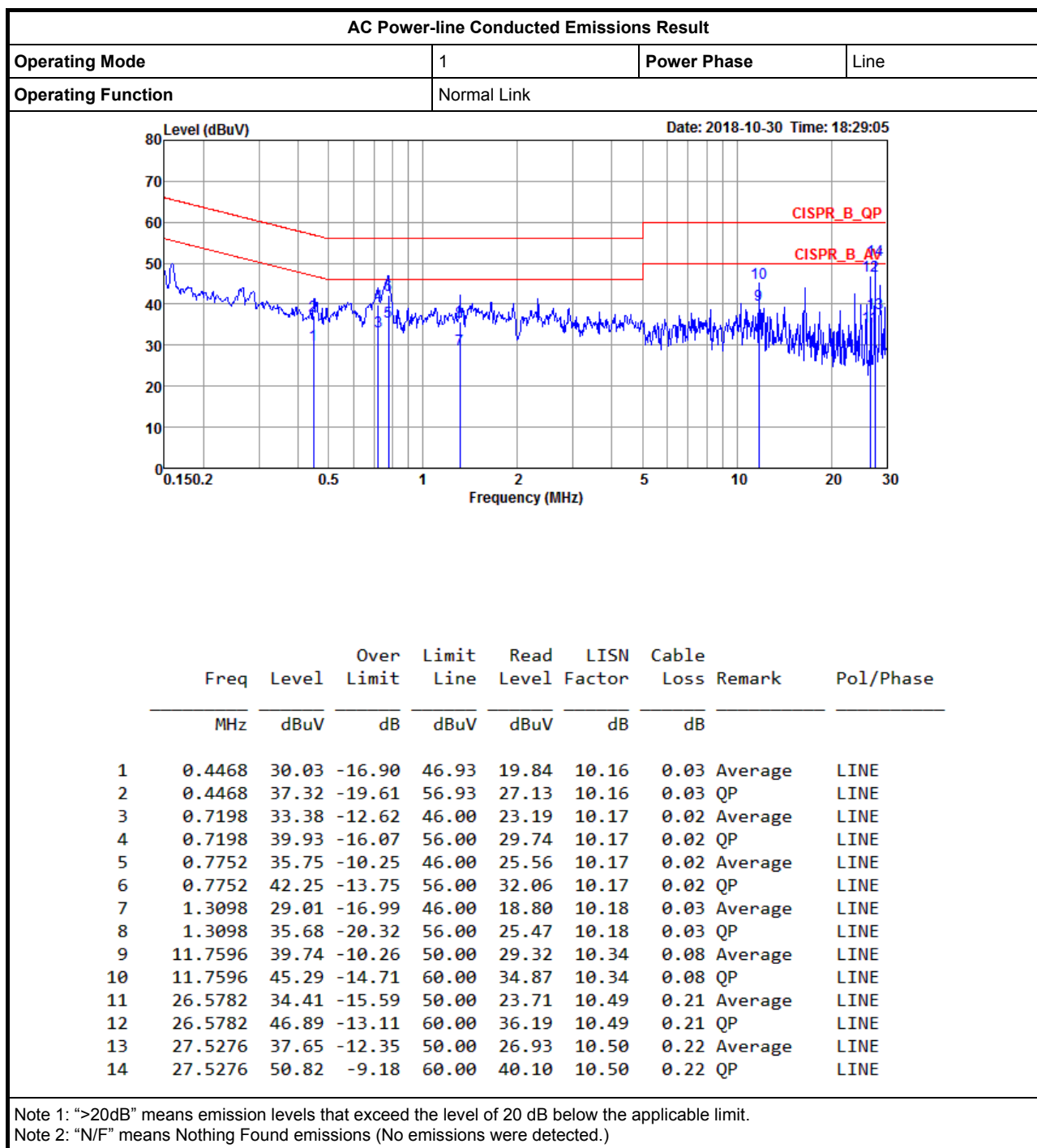
Note: Calibration Interval of instruments listed above is one year.

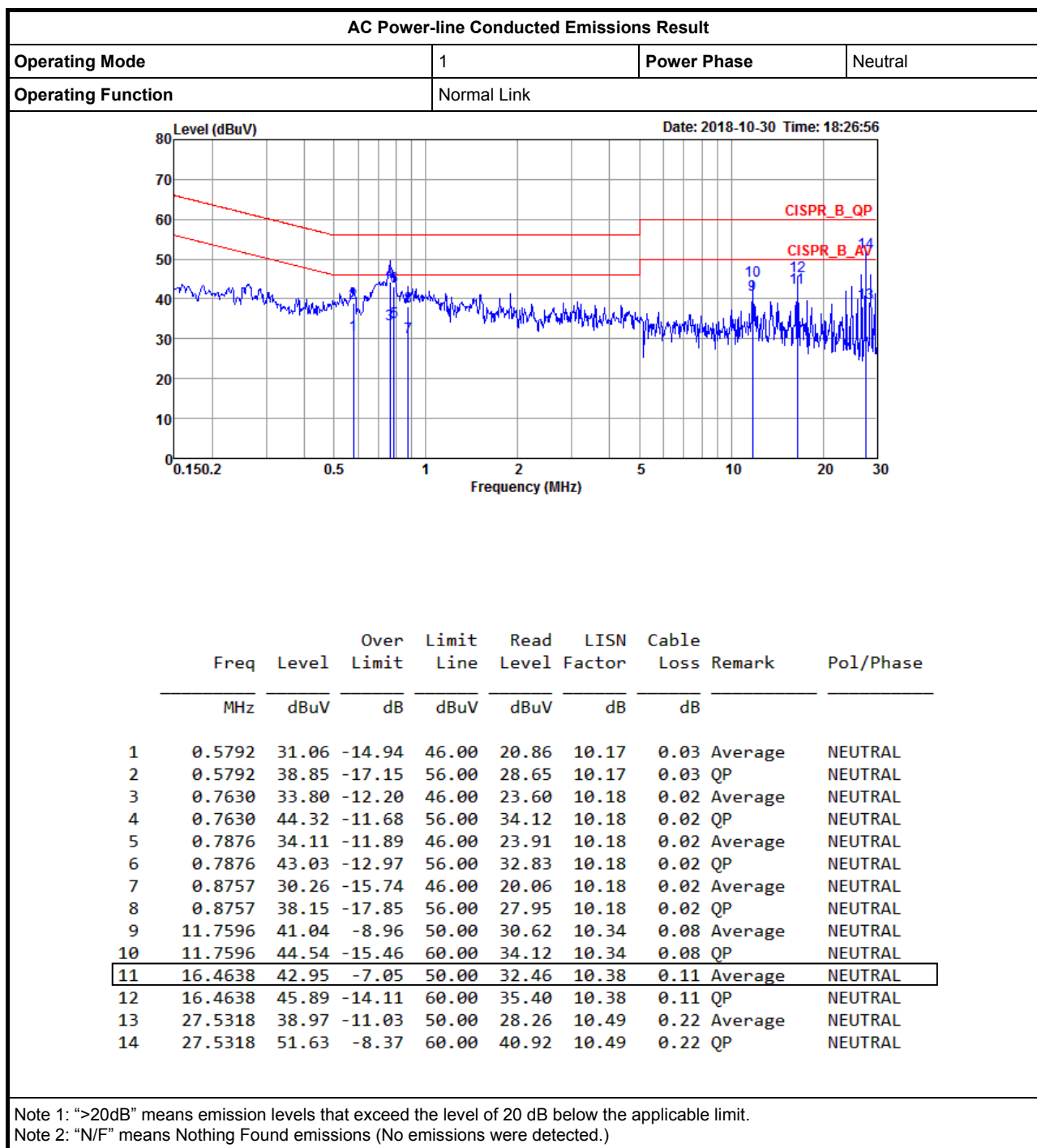
N.C.R. means Non-Calibration required.



AC Power-line Conducted Emissions Result

Appendix A







EBW Result

Appendix B

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)_2TX	10.075M	15.792M	15M8G1D	9.975M	14.493M
802.11g_Nss1,(6Mbps)_2TX	15.075M	20.215M	20M2D1D	14.325M	16.317M
802.11n HT20_Nss1,(MCS0)_2TX	15.1M	20.84M	20M8D1D	13.4M	17.466M
802.11n HT40_Nss1,(MCS0)_2TX	35.05M	35.982M	36M0D1D	33.75M	35.732M

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

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.025M	14.593M	10M	14.643M
2437MHz	Pass	500k	10.075M	15.792M	10.075M	15.742M
2462MHz	Pass	500k	10.025M	14.893M	9.975M	14.493M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	16.342M	15.075M	16.392M
2437MHz	Pass	500k	15.05M	19.515M	15.075M	20.215M
2462MHz	Pass	500k	15.05M	16.367M	14.325M	16.317M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.975M	17.466M	15.025M	17.516M
2437MHz	Pass	500k	15.1M	19.915M	14.95M	20.84M
2462MHz	Pass	500k	15.05M	17.566M	13.4M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	35.882M	33.75M	35.782M
2437MHz	Pass	500k	35M	35.932M	35M	35.982M
2452MHz	Pass	500k	35M	35.882M	35M	35.732M

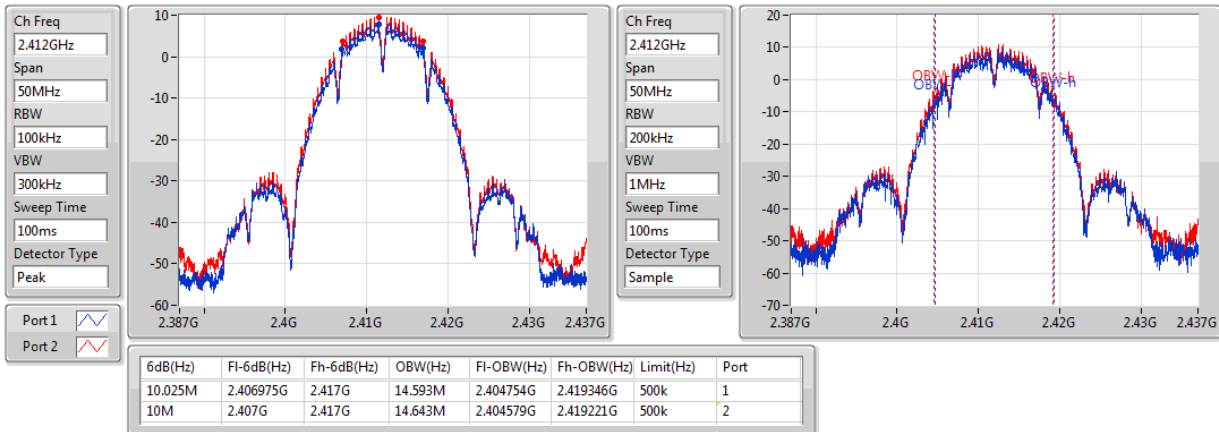
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

30/10/2018

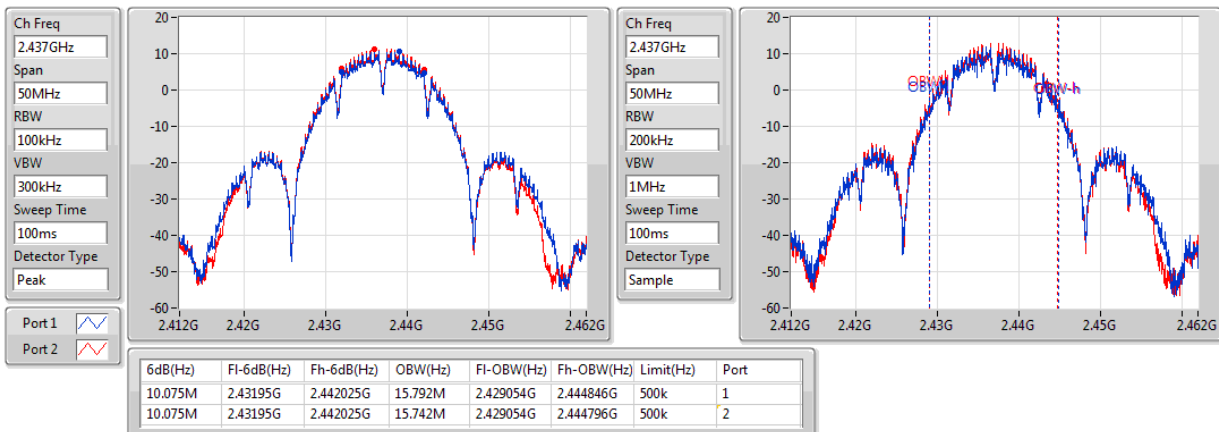


802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

30/10/2018

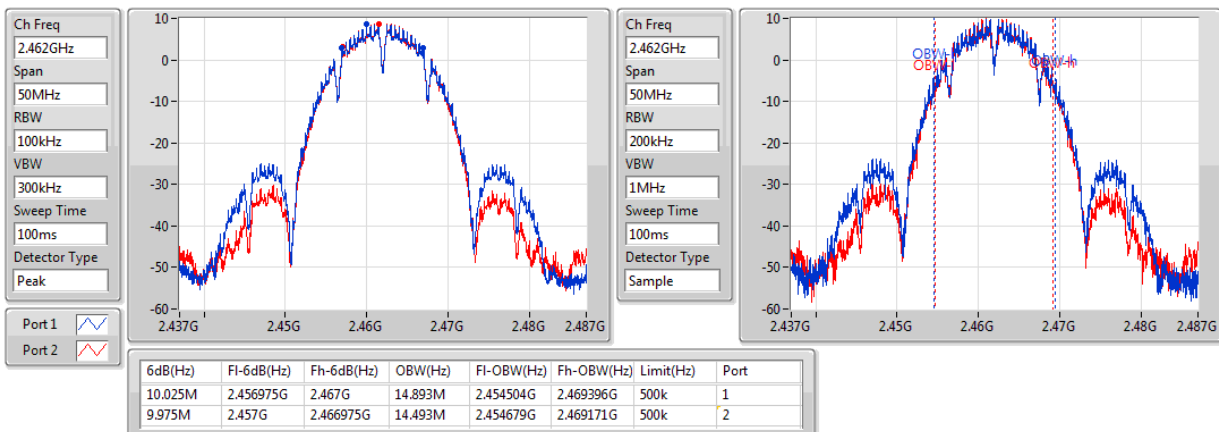


802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

30/10/2018

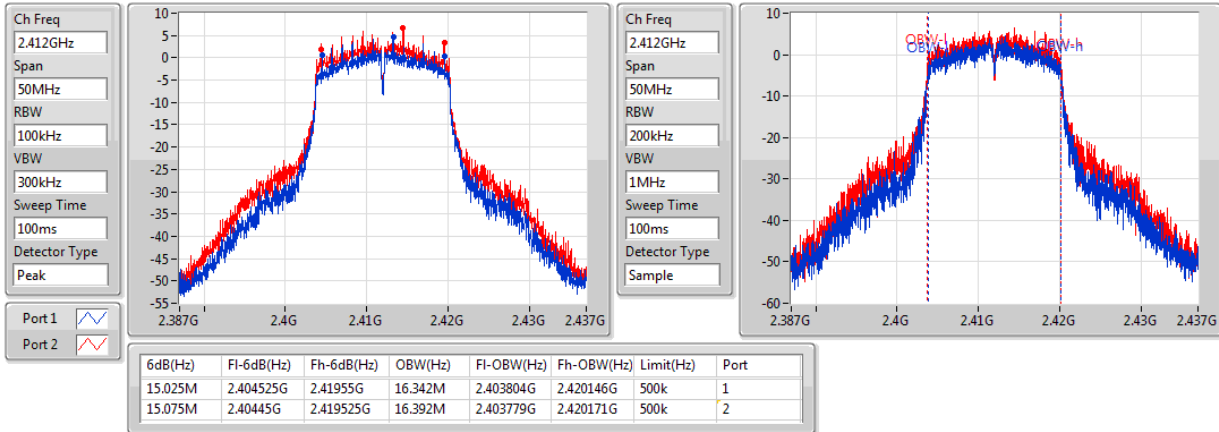


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

30/10/2018

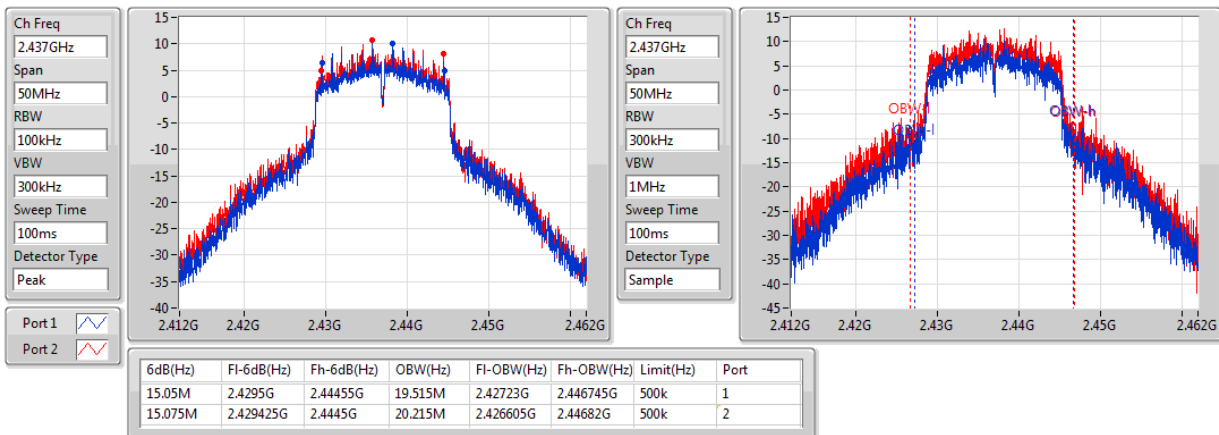


802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

30/10/2018

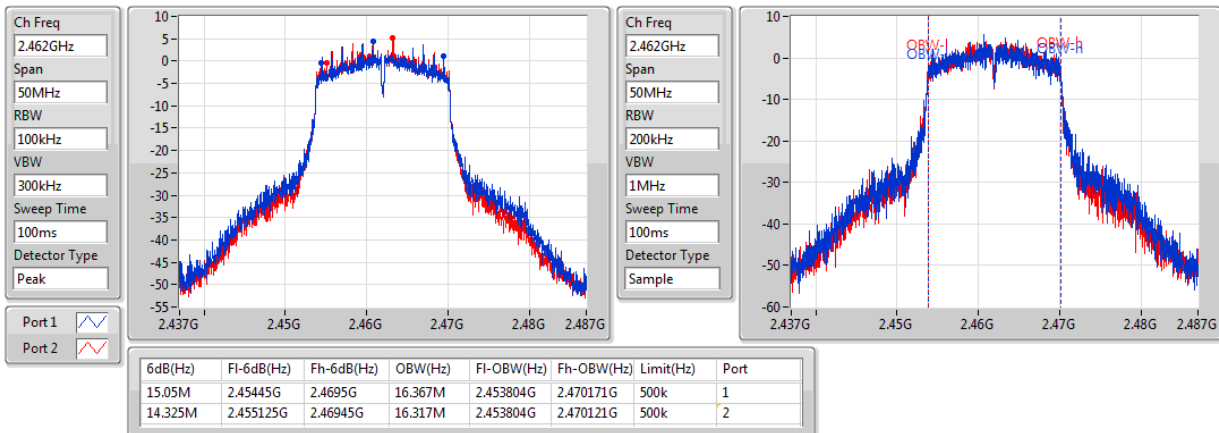


802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

30/10/2018

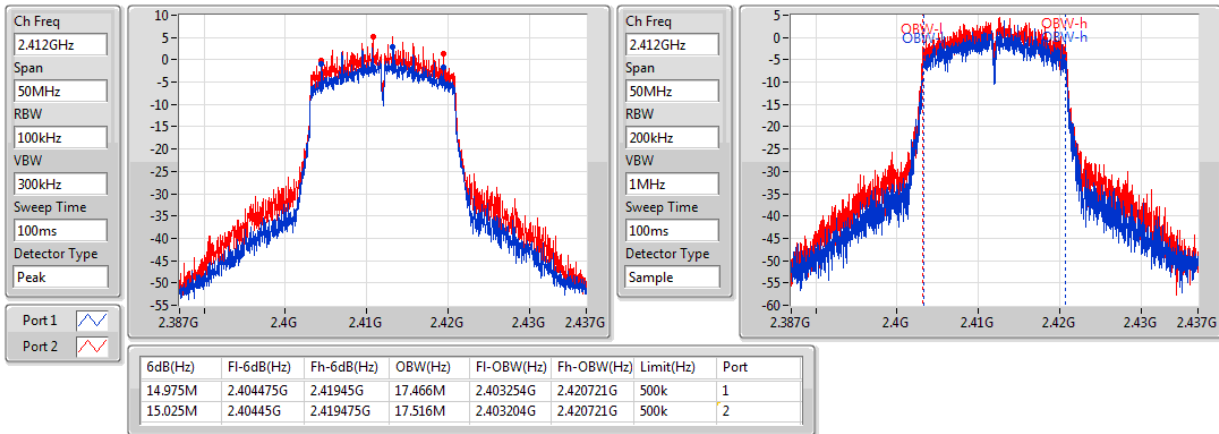


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

30/10/2018

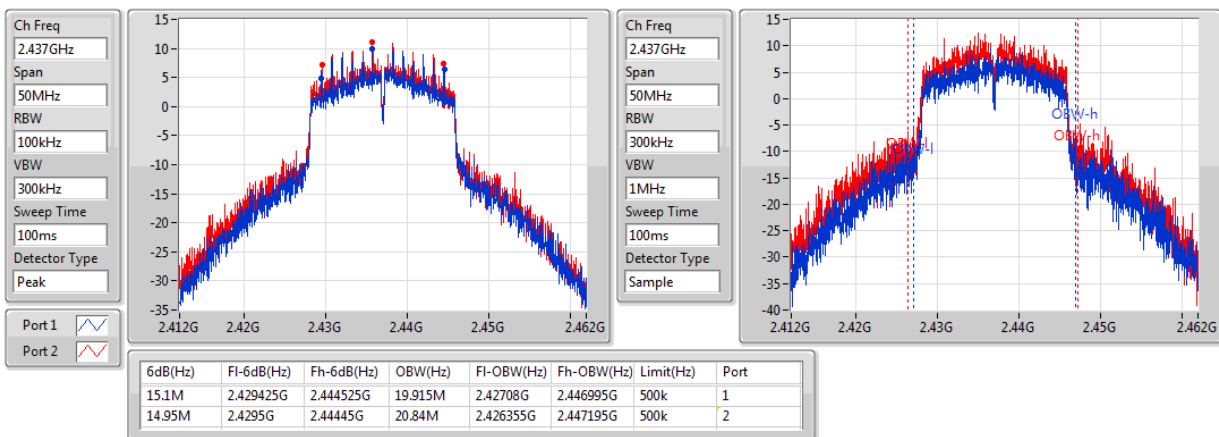


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

30/10/2018

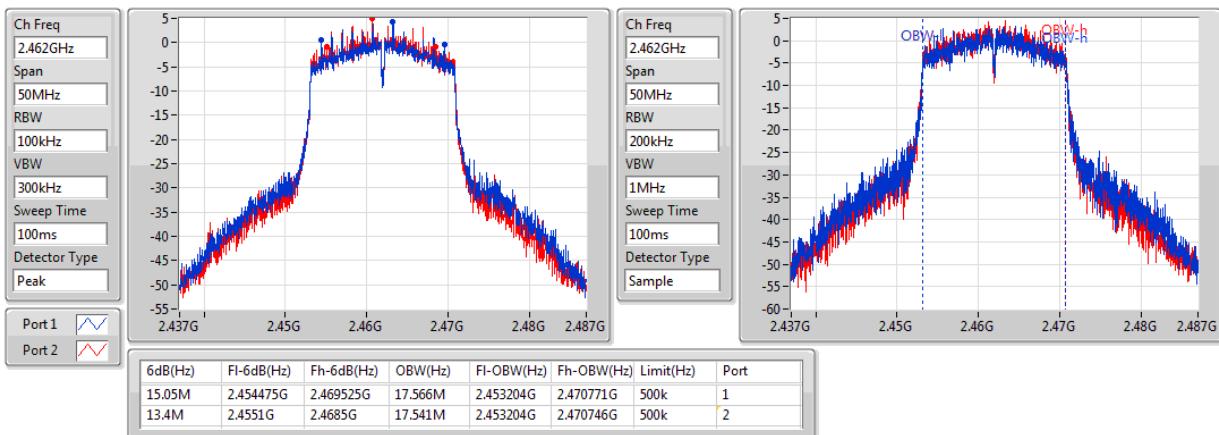


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

30/10/2018

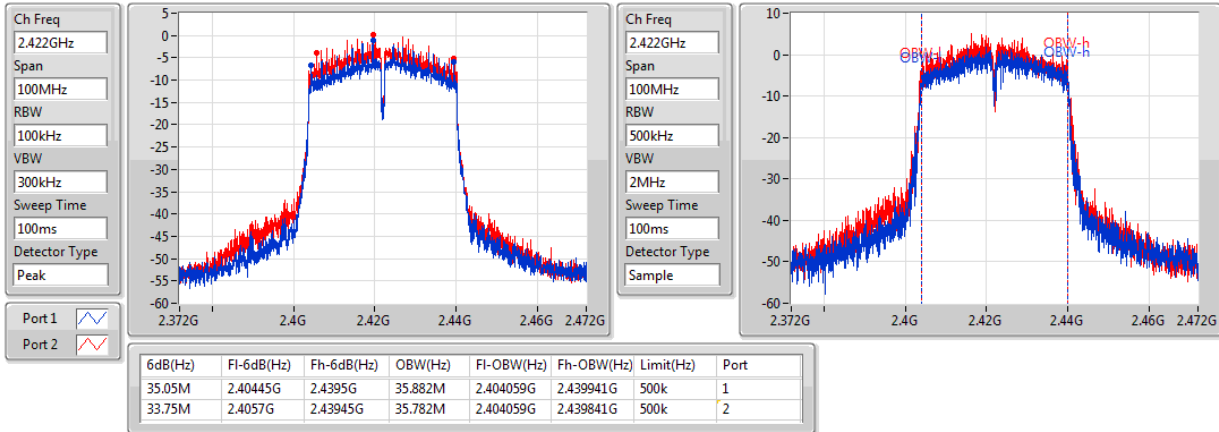


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2422MHz

30/10/2018

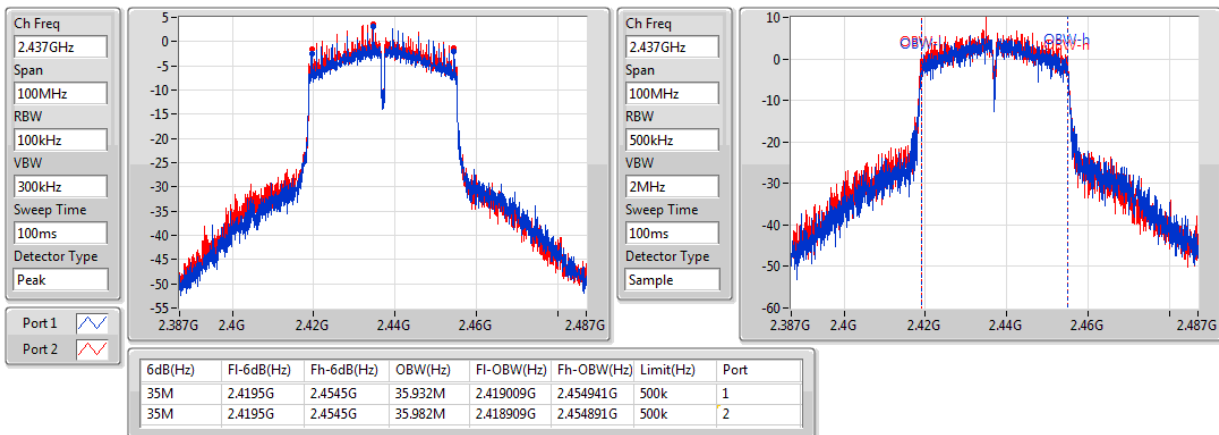


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

30/10/2018

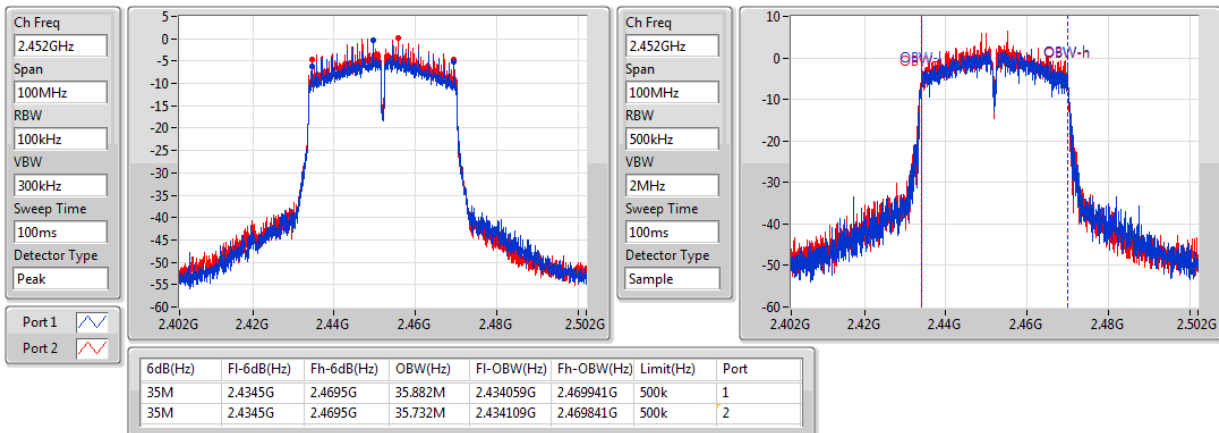


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

30/10/2018





AV Power Result

Appendix C

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.35	0.27227
802.11g_Nss1,(6Mbps)_2TX	23.82	0.24099
802.11n HT20_Nss1,(MCS0)_2TX	23.71	0.23496
802.11n HT40_Nss1,(MCS0)_2TX	19.14	0.08204

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	17.91	19.57	21.83	30.00
2417MHz	Pass	2.00	17.66	19.33	21.59	30.00
2422MHz	Pass	2.00	19.11	20.98	23.16	30.00
2427MHz	Pass	2.00	19.16	20.00	22.61	30.00
2432MHz	Pass	2.00	19.98	21.62	23.89	30.00
2437MHz	Pass	2.00	20.93	21.72	24.35	30.00
2442MHz	Pass	2.00	20.82	21.62	24.25	30.00
2447MHz	Pass	2.00	19.88	20.58	23.25	30.00
2452MHz	Pass	2.00	19.97	20.65	23.33	30.00
2457MHz	Pass	2.00	18.02	18.80	21.44	30.00
2462MHz	Pass	2.00	18.70	18.85	21.79	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	15.24	16.94	19.18	30.00
2417MHz	Pass	2.00	17.96	19.54	21.83	30.00
2422MHz	Pass	2.00	19.57	21.21	23.48	30.00
2427MHz	Pass	2.00	20.05	21.46	23.82	30.00
2437MHz	Pass	2.00	20.09	20.80	23.47	30.00
2447MHz	Pass	2.00	19.94	20.73	23.36	30.00
2452MHz	Pass	2.00	19.50	20.28	22.92	30.00
2457MHz	Pass	2.00	18.60	19.47	22.07	30.00
2462MHz	Pass	2.00	15.00	15.47	18.25	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	13.14	15.17	17.28	30.00
2417MHz	Pass	2.00	17.26	19.30	21.41	30.00
2422MHz	Pass	2.00	18.69	20.39	22.63	30.00
2427MHz	Pass	2.00	19.95	21.34	23.71	30.00
2437MHz	Pass	2.00	19.68	20.66	23.21	30.00
2447MHz	Pass	2.00	19.75	20.70	23.26	30.00
2452MHz	Pass	2.00	18.48	19.52	22.04	30.00
2457MHz	Pass	2.00	17.66	18.44	21.08	30.00
2462MHz	Pass	2.00	14.26	15.01	17.66	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.00	11.24	13.24	15.36	30.00
2427MHz	Pass	2.00	12.90	14.75	16.93	30.00



AV Power Result

Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2432MHz	Pass	2.00	14.57	16.37	18.57	30.00
2437MHz	Pass	2.00	15.74	16.48	19.14	30.00
2442MHz	Pass	2.00	15.17	15.96	18.59	30.00
2447MHz	Pass	2.00	14.32	15.09	17.73	30.00
2452MHz	Pass	2.00	12.32	12.99	15.68	30.00

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



PSD Result

Appendix D

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-7.67
802.11g_Nss1,(6Mbps)_2TX	-3.43
802.11n HT20_Nss1,(MCS0)_2TX	-4.28
802.11n HT40_Nss1,(MCS0)_2TX	-9.70

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-13.68	-12.12	-9.86	8.00
2437MHz	Pass	5.01	-10.84	-10.18	-7.67	8.00
2462MHz	Pass	5.01	-13.05	-13.00	-10.21	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-10.98	-9.46	-7.55	8.00
2437MHz	Pass	5.01	-5.56	-5.78	-3.43	8.00
2462MHz	Pass	5.01	-11.41	-10.98	-9.38	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-13.77	-9.64	-8.97	8.00
2437MHz	Pass	5.01	-7.01	-6.09	-4.28	8.00
2462MHz	Pass	5.01	-11.29	-10.91	-8.13	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.01	-16.79	-15.02	-13.34	8.00
2437MHz	Pass	5.01	-12.96	-12.30	-9.70	8.00
2452MHz	Pass	5.01	-16.28	-15.64	-13.69	8.00

DG = Directional Gain; RBW=3kHz;

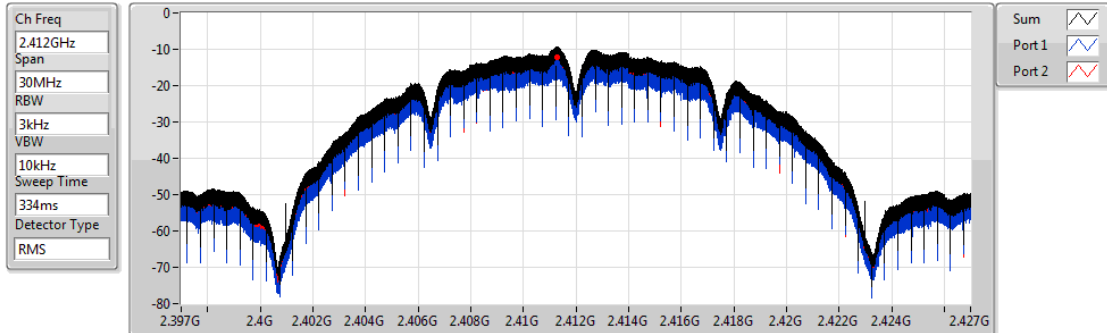
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

30/10/2018



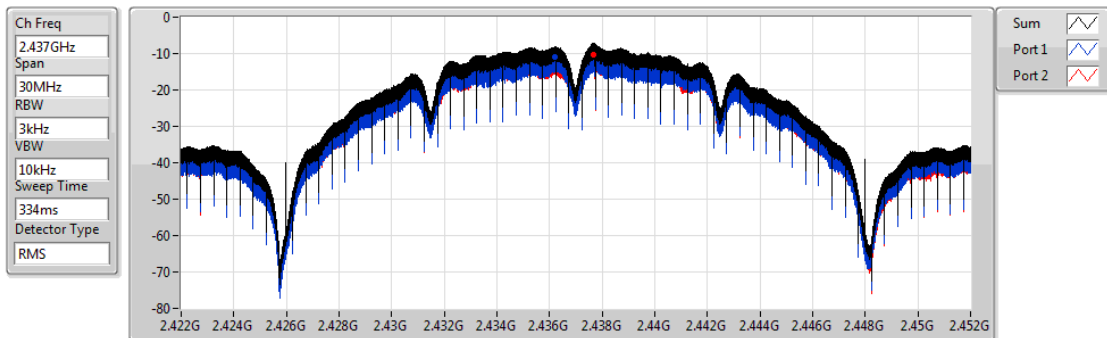
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.86	-9.86	-13.68	-12.12

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

30/10/2018



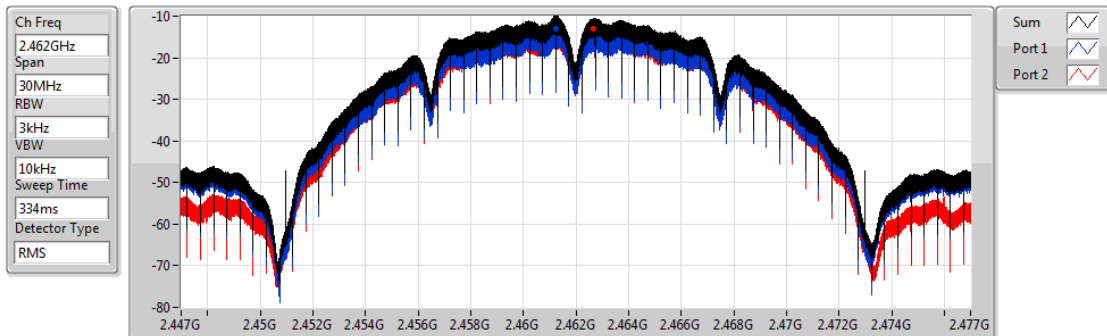
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.67	-7.67	-10.84	-10.18

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

30/10/2018



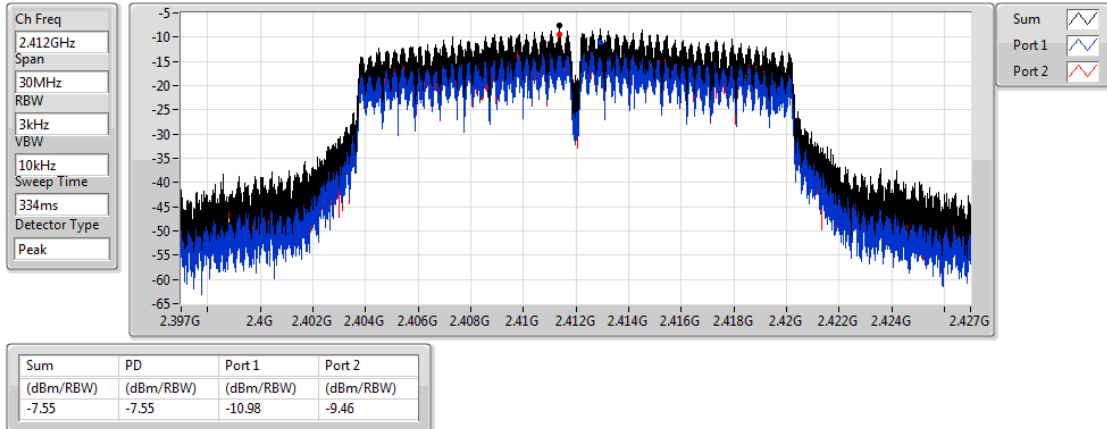
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.21	-10.21	-13.05	-13.00

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

30/10/2018

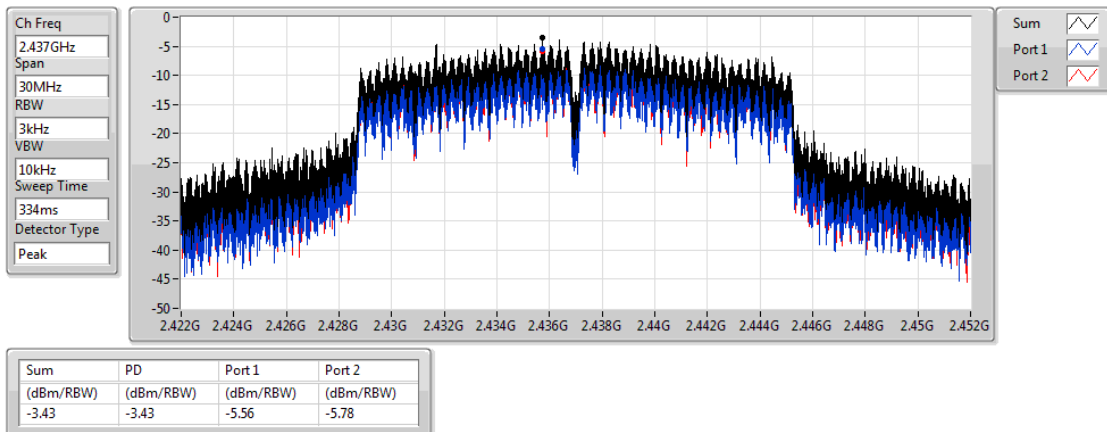


802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

30/10/2018

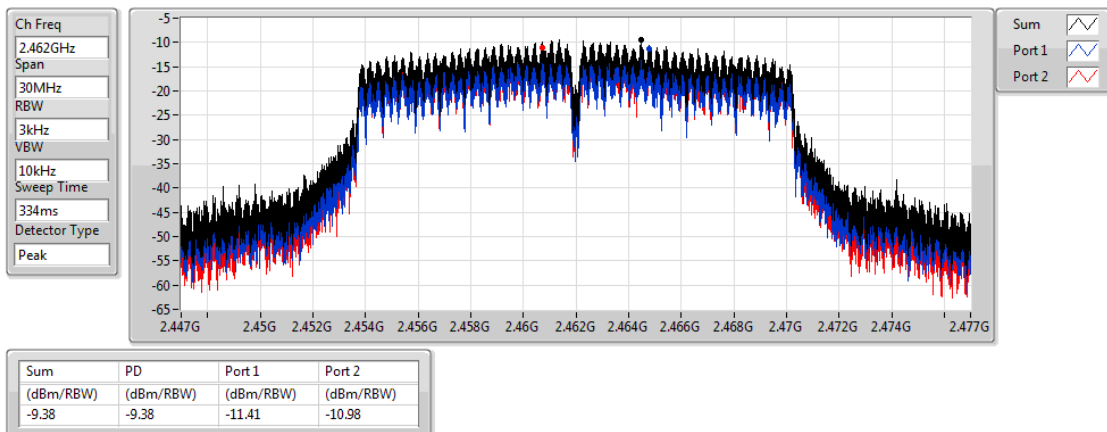


802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

30/10/2018

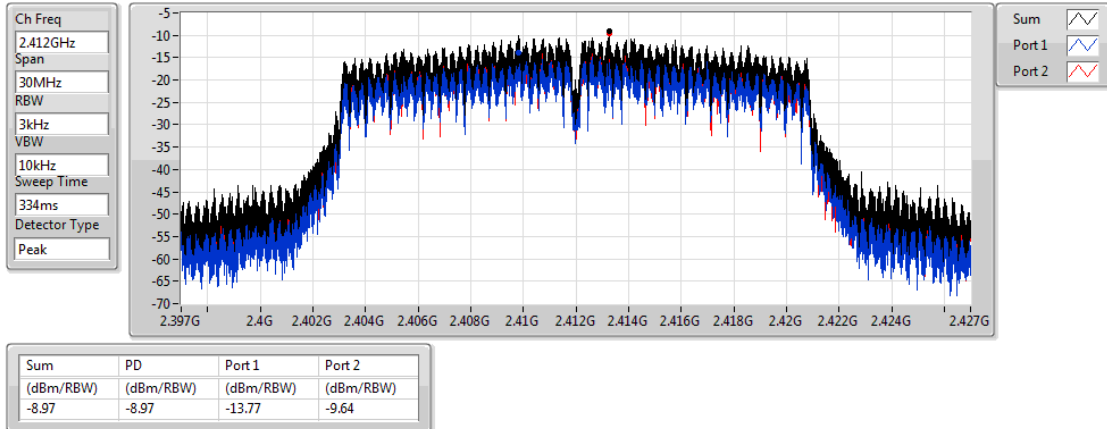


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

30/10/2018

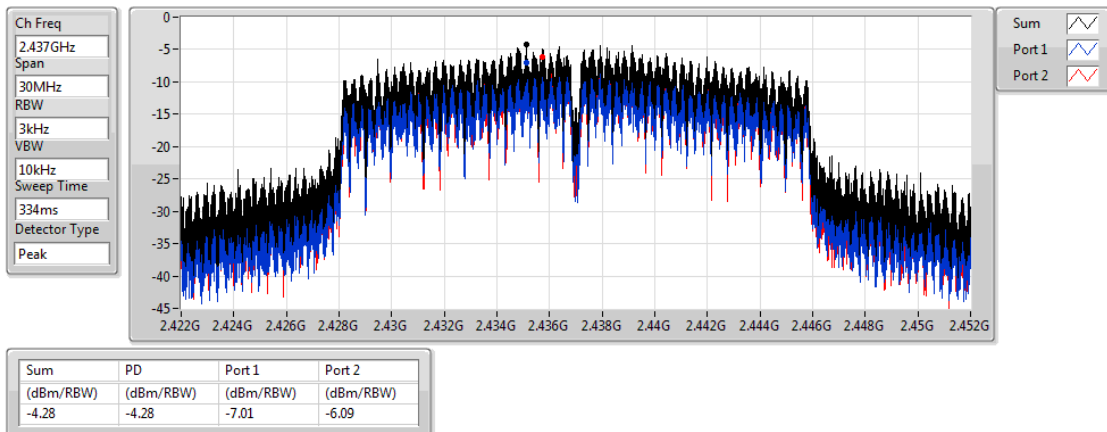


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

31/10/2018

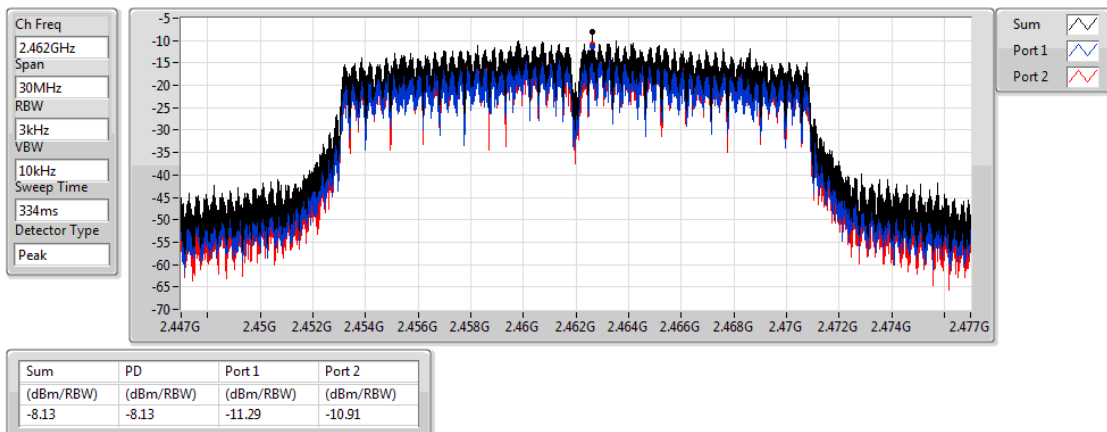


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

30/10/2018

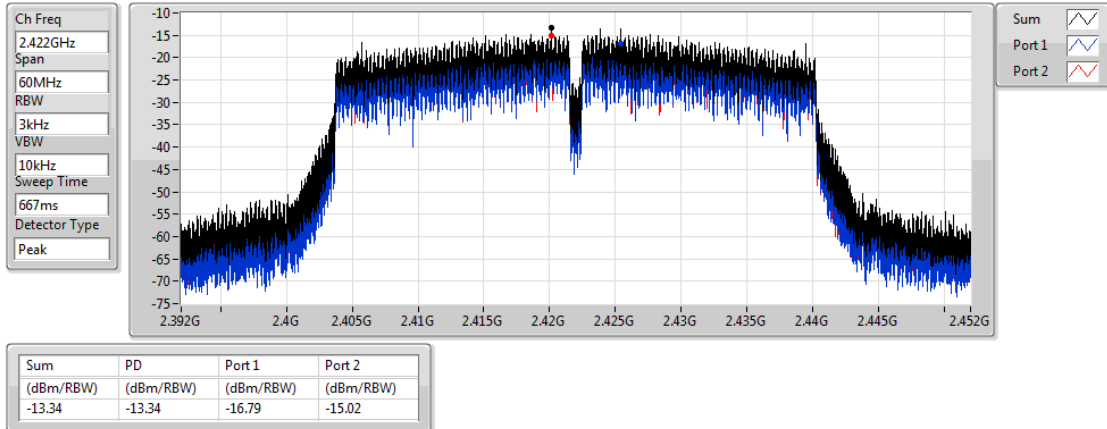


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

30/10/2018

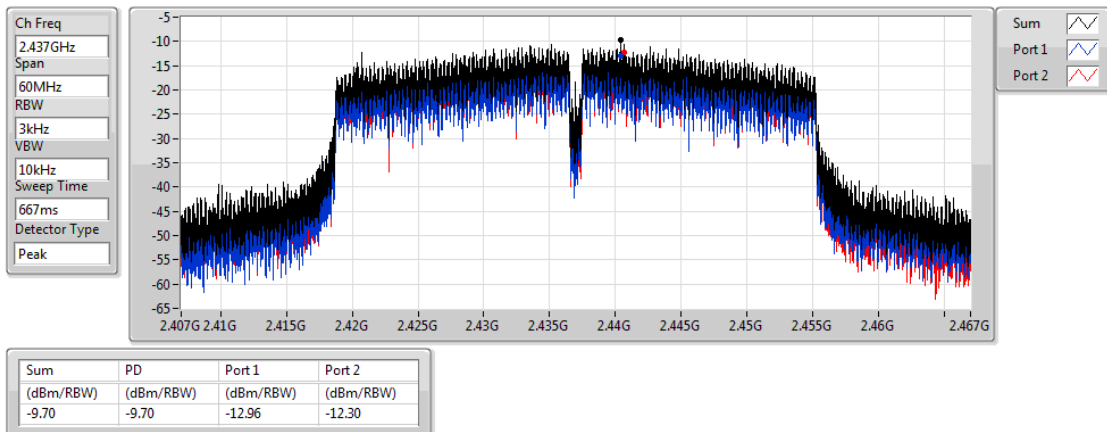


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

30/10/2018

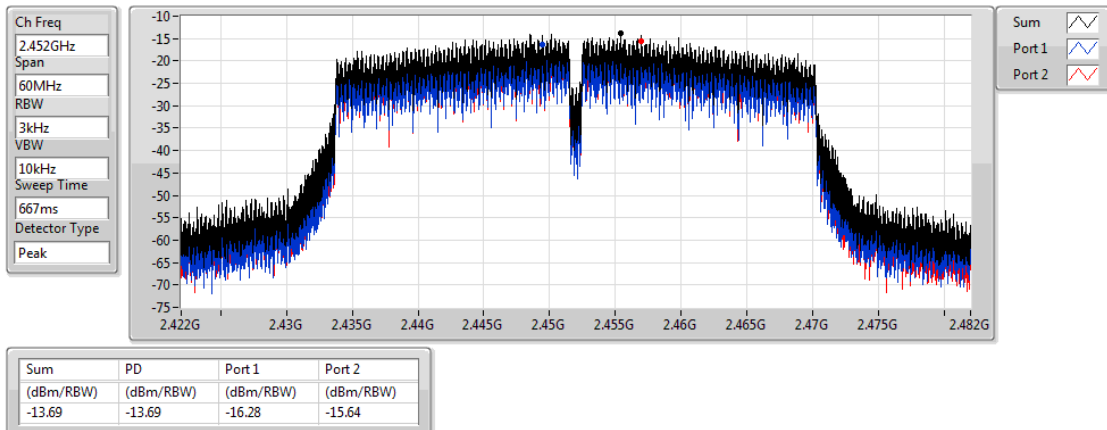


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

30/10/2018





CSE Non-restricted Band Result

Appendix E

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)_2TX	Pass	2.437909G	10.68	-19.32	479.69M	-56.99	2.39856G	-28.36	2.49398G	-54.49	7.235136G	-55.06	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.431897G	9.68	-20.32	479.69M	-57.44	2.39992G	-22.47	2.50446G	-49.97	16.349357G	-54.56	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.439412G	10.01	-19.99	479.69M	-54.42	2.39952G	-28.87	2.48598G	-53.07	16.388691G	-54.33	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.441917G	2.94	-27.06	479.985M	-56.02	2.39952G	-32.26	2.48446G	-44.45	15.09709G	-55.71	2

Result

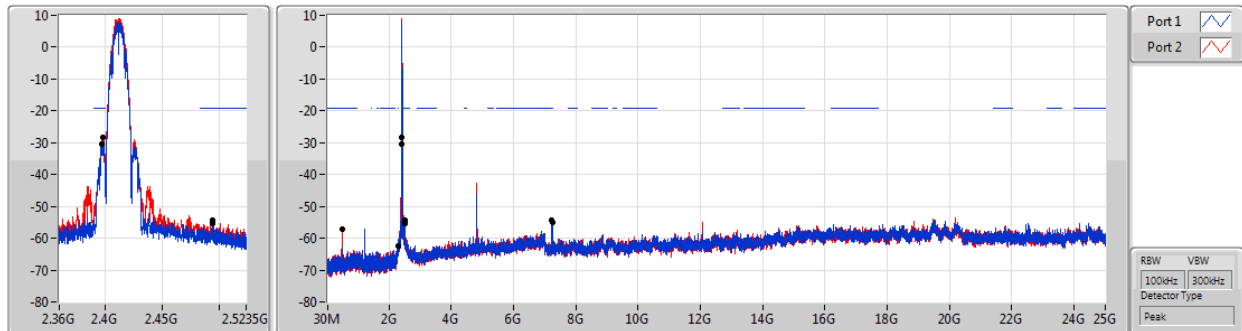
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.437909G	10.68	-19.32	2.30641G	-62.59	2.39704G	-30.59	2.49398G	-55.47	7.232327G	-54.21	1
2412MHz	Pass	2.437909G	10.68	-19.32	479.69M	-56.99	2.39856G	-28.36	2.49398G	-54.49	7.235136G	-55.06	2
2437MHz	Pass	2.437909G	10.68	-19.32	2.30874G	-62.59	2.39976G	-48.38	2.48502G	-52.68	17.532183G	-54.53	1
2437MHz	Pass	2.437909G	10.68	-19.32	479.69M	-60.69	2.39952G	-42.57	2.48398G	-49.60	24.586994G	-55.75	2
2462MHz	Pass	2.437909G	10.68	-19.32	2.30408G	-62.51	2.39664G	-56.30	2.4887G	-50.99	2.5235G	-55.53	1
2462MHz	Pass	2.437909G	10.68	-19.32	479.69M	-56.13	2.39896G	-54.11	2.4875G	-43.96	16.669647G	-55.77	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.431897G	9.68	-20.32	2.300585G	-58.08	2.39872G	-28.67	2.49582G	-53.64	17.107939G	-55.71	1
2412MHz	Pass	2.431897G	9.68	-20.32	479.69M	-57.44	2.39992G	-22.47	2.50446G	-49.97	16.349357G	-54.56	2
2437MHz	Pass	2.431897G	9.68	-20.32	2.307575G	-59.14	2.39872G	-44.64	2.49822G	-48.14	2.5235G	-55.38	1
2437MHz	Pass	2.431897G	9.68	-20.32	479.69M	-56.17	2.39856G	-45.14	2.48414G	-45.81	24.199275G	-55.02	2
2462MHz	Pass	2.431897G	9.68	-20.32	479.69M	-60.22	2.39824G	-52.24	2.48382G	-44.38	2.5235G	-54.24	1
2462MHz	Pass	2.431897G	9.68	-20.32	479.69M	-57.74	2.39504G	-52.40	2.4851G	-45.97	16.39712G	-55.09	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439412G	10.01	-19.99	2.30874G	-57.51	2.3992G	-34.32	2.50326G	-50.10	24.848284G	-54.41	1
2412MHz	Pass	2.439412G	10.01	-19.99	479.69M	-54.42	2.39952G	-28.87	2.48598G	-53.07	16.388691G	-54.33	2
2437MHz	Pass	2.439412G	10.01	-19.99	2.30175G	-60.23	2.3996G	-44.47	2.48358G	-47.97	2.5235G	-55.75	1
2437MHz	Pass	2.439412G	10.01	-19.99	479.69M	-55.56	2.39984G	-42.21	2.4879G	-45.57	16.366214G	-53.58	2
2462MHz	Pass	2.439412G	10.01	-19.99	479.69M	-61.14	2.3924G	-52.48	2.48446G	-43.96	16.369024G	-54.70	1
2462MHz	Pass	2.439412G	10.01	-19.99	479.69M	-57.14	2.39448G	-51.96	2.48598G	-45.16	16.374643G	-55.62	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.441917G	2.94	-27.06	2.30626G	-59.17	2.39744G	-41.56	2.51822G	-53.62	17.587541G	-56.09	1
2422MHz	Pass	2.441917G	2.94	-27.06	479.985M	-54.26	2.39952G	-38.66	2.50446G	-52.83	24.576511G	-55.43	2
2437MHz	Pass	2.441917G	2.94	-27.06	2.300535G	-61.46	2.39952G	-33.69	2.48382G	-46.74	24.506397G	-55.55	1
2437MHz	Pass	2.441917G	2.94	-27.06	479.985M	-56.02	2.39952G	-32.26	2.48446G	-44.45	15.09709G	-55.71	2
2452MHz	Pass	2.441917G	2.94	-27.06	479.985M	-60.71	2.39776G	-54.38	2.48446G	-43.10	24.503592G	-55.27	1
2452MHz	Pass	2.441917G	2.94	-27.06	479.985M	-52.46	2.39744G	-50.91	2.48446G	-46.54	17.222948G	-54.75	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

2412MHz

30/10/2018



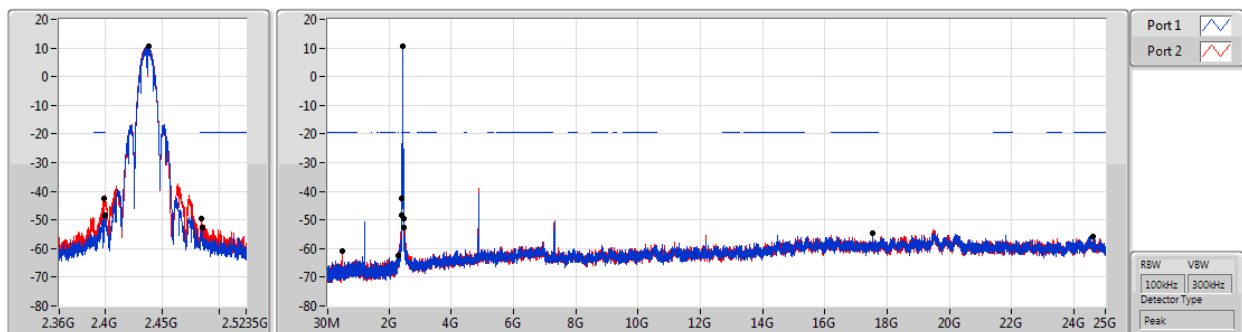
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2.437909G	10.68	-19.32	2.30641G	-62.59	2.39704G	-30.59	2.49398G	-55.47	7.232327G	-54.21	1
2.437909G	10.68	-19.32	479.69M	-56.99	2.39856G	-28.36	2.49398G	-54.49	7.235136G	-55.06	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

2437MHz

30/10/2018



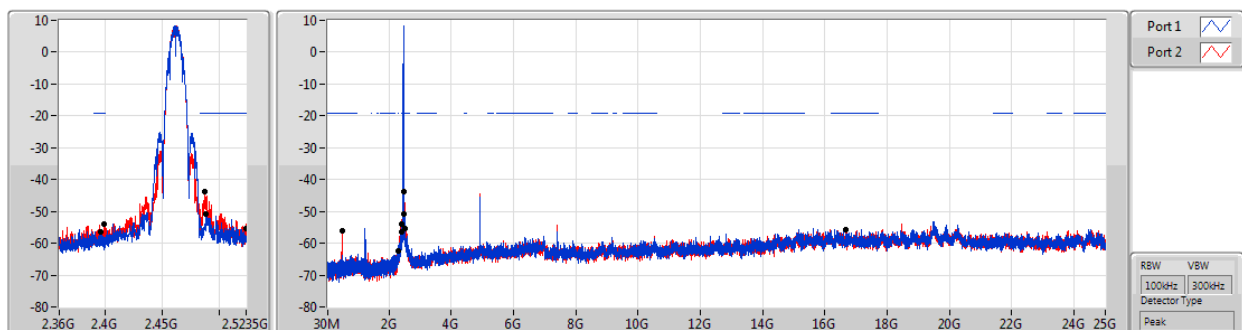
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2.437909G	10.68	-19.32	2.30874G	-62.59	2.39976G	-48.38	2.48502G	-52.68	17.532183G	-54.53	1
2.437909G	10.68	-19.32	479.69M	-60.69	2.39952G	-42.57	2.48398G	-49.60	24.586994G	-55.75	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

2462MHz

30/10/2018



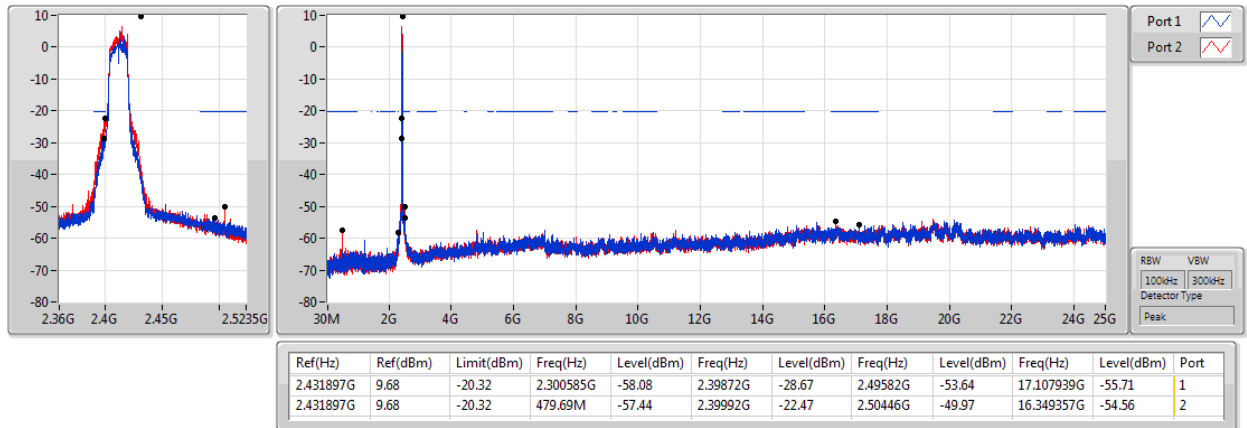
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2.437909G	10.68	-19.32	2.30408G	-62.51	2.39664G	-56.30	2.4887G	-50.99	2.5235G	-55.53	1
2.437909G	10.68	-19.32	479.69M	-56.13	2.39896G	-54.11	2.4875G	-43.96	16.669647G	-55.77	2

802.11g_Nss1,(6Mbps)_2TX

CSE NdB

2412MHz

30/10/2018

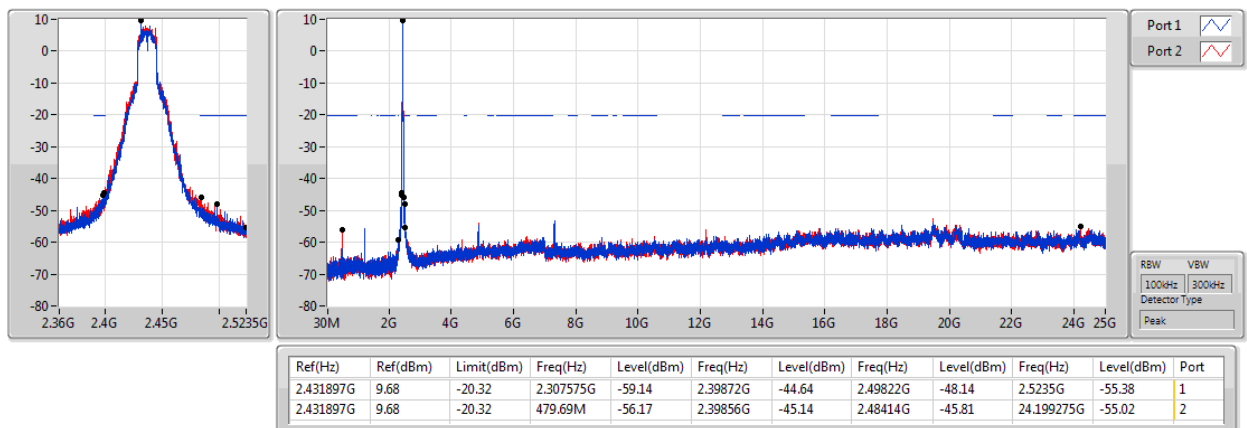


802.11g_Nss1,(6Mbps)_2TX

CSE NdB

2437MHz

30/10/2018

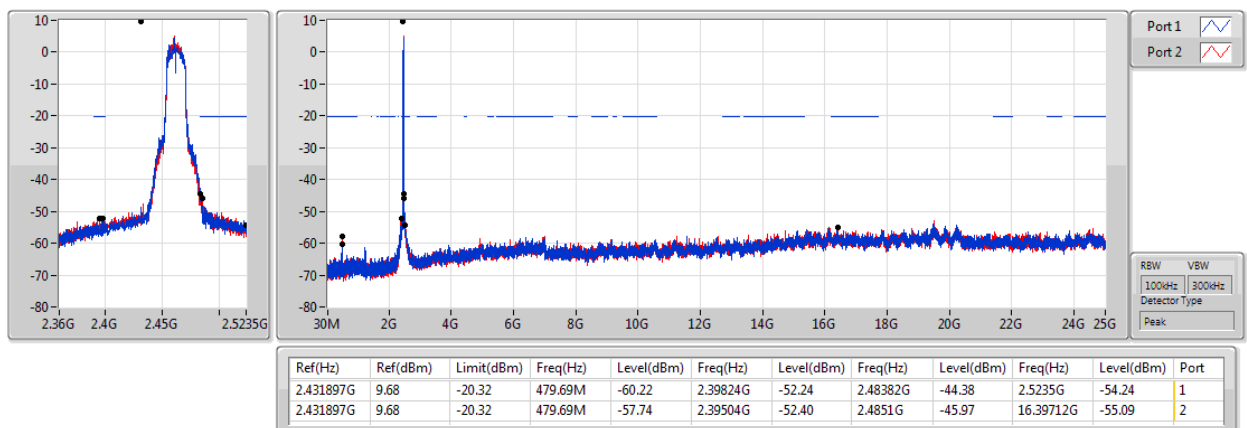


802.11g_Nss1,(6Mbps)_2TX

CSE NdB

2462MHz

30/10/2018

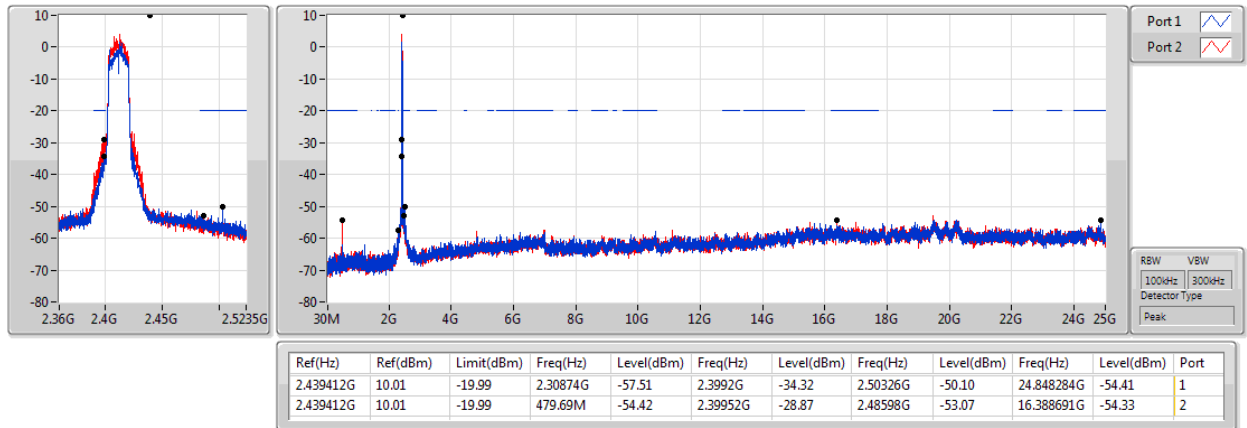


802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2412MHz

30/10/2018

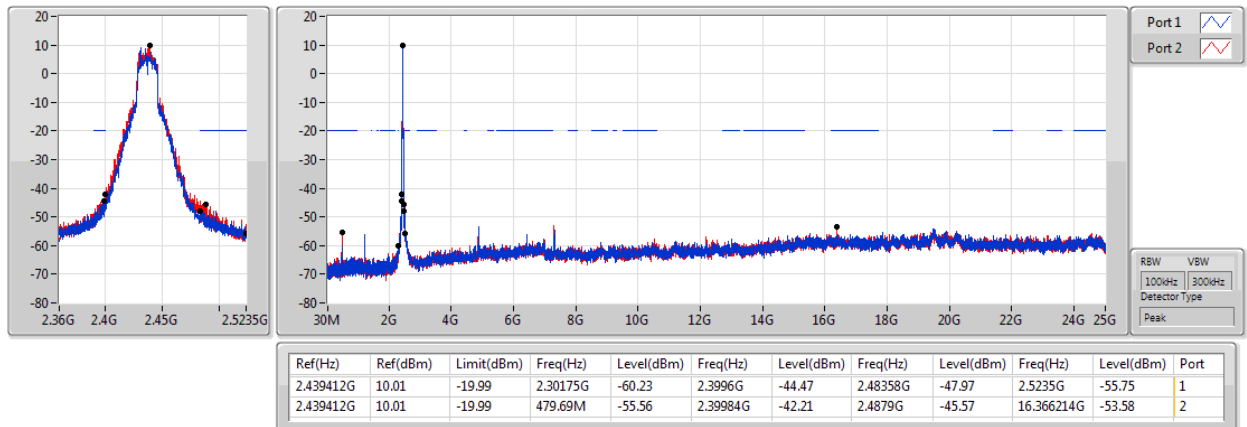


802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

30/10/2018

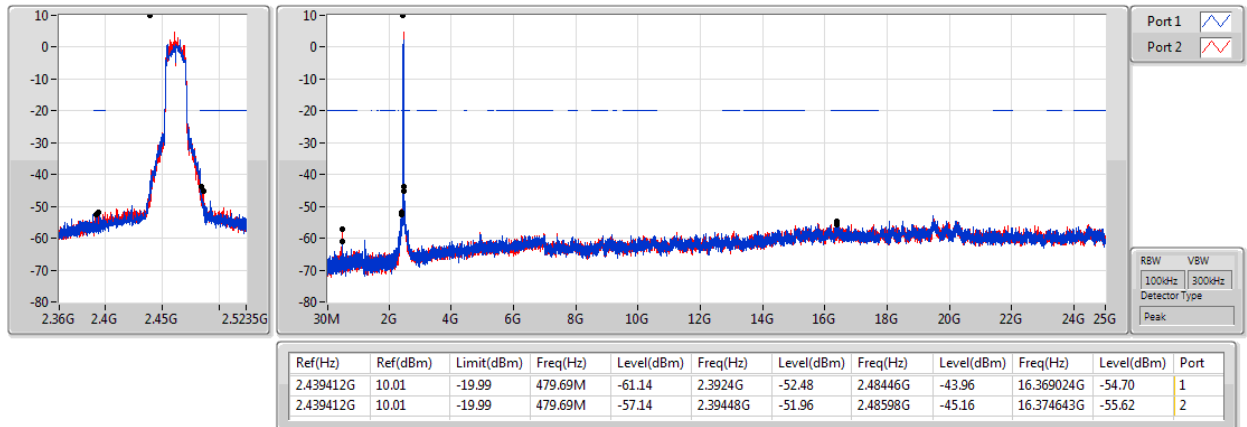


802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2462MHz

30/10/2018

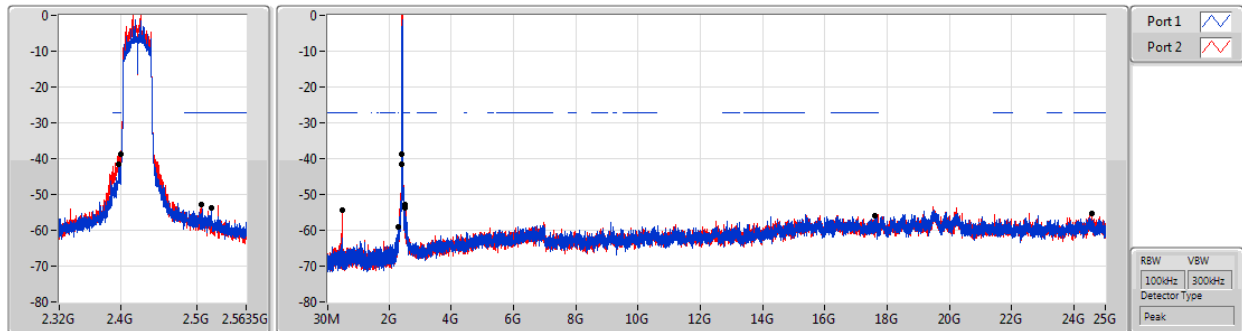


802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2422MHz

30/10/2018



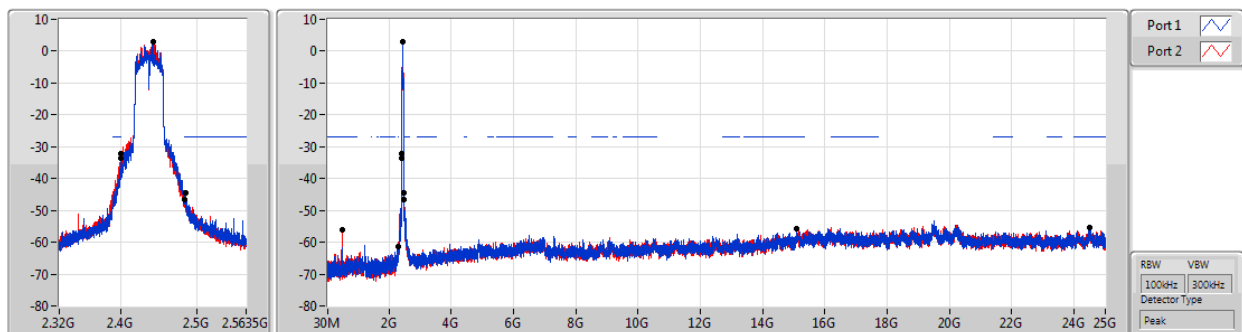
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2.441917G	2.94	-27.06	2.30626G	-59.17	2.39744G	-41.56	2.51822G	-53.62	17.587541G	-56.09	1
2.441917G	2.94	-27.06	479.985M	-54.26	2.39952G	-38.66	2.50446G	-52.83	24.576511G	-55.43	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

30/10/2018



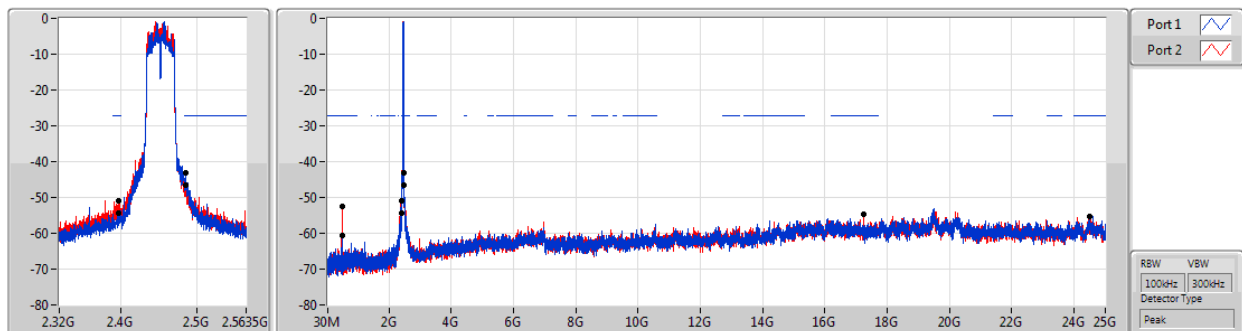
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2.441917G	2.94	-27.06	2.300535G	-61.46	2.39952G	-33.69	2.48382G	-46.74	24.506397G	-55.55	1
2.441917G	2.94	-27.06	479.985M	-56.02	2.39952G	-32.26	2.48446G	-44.45	15.09709G	-55.71	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2452MHz

30/10/2018

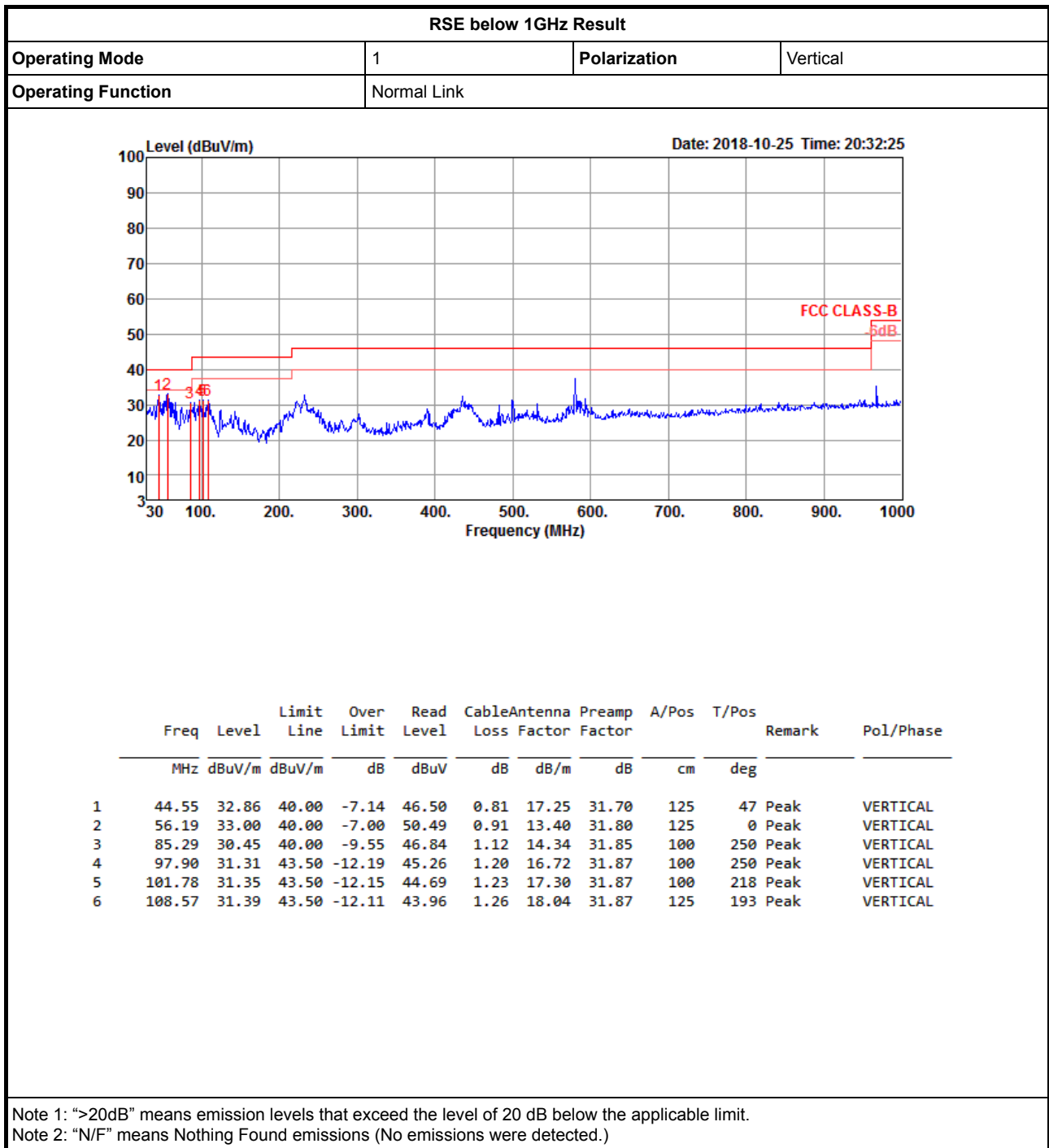


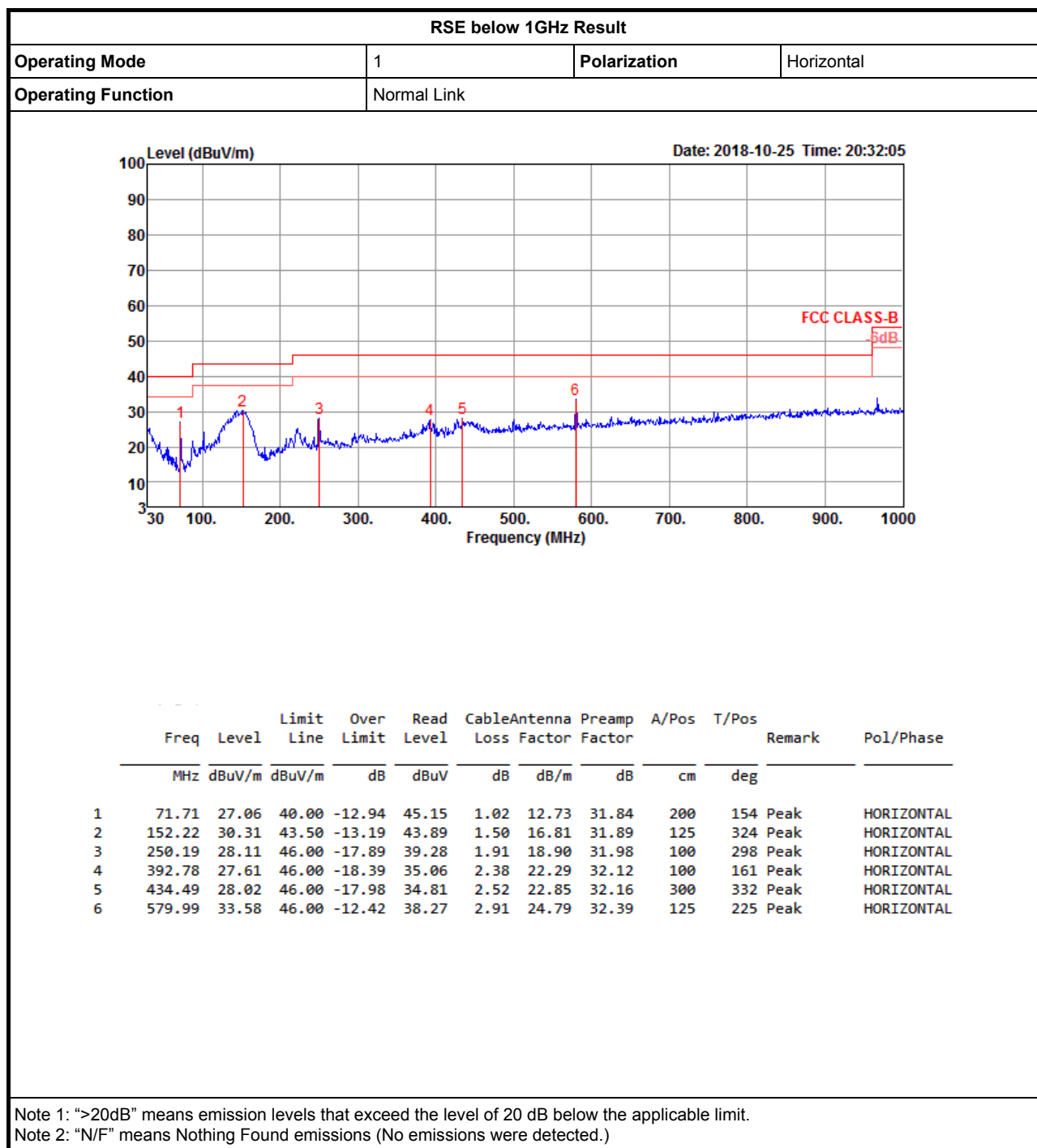
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	2.94	-27.06	479.985M	-60.71	2.39776G	-54.38	2.48446G	-43.10	24.503592G	-55.27	1
2.441917G	2.94	-27.06	479.985M	-52.46	2.39744G	-50.91	2.48446G	-46.54	17.222948G	-54.75	2



RSE below 1GHz Result

Appendix F.1







RSE TX above 1GHz Result

Appendix F.2

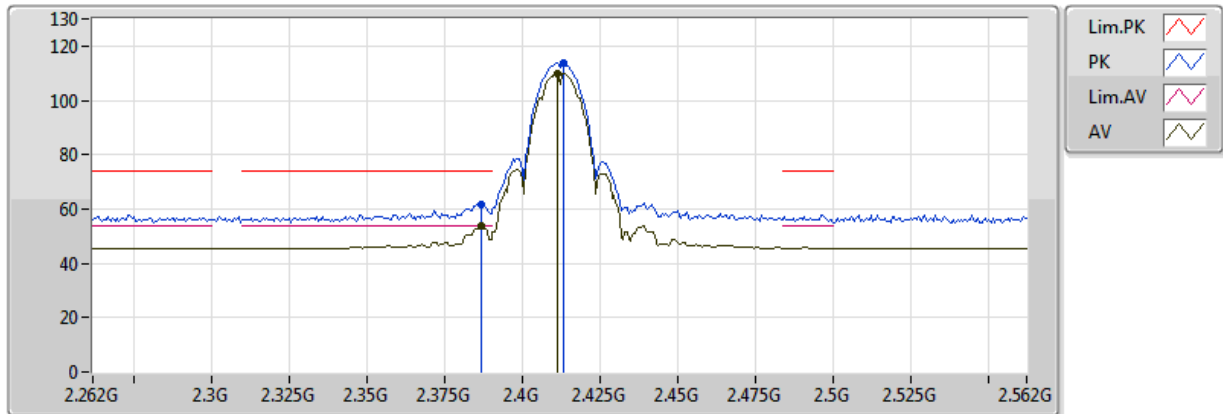
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4838G	53.97	54.00	-0.03	31.17	3	Vertical	113	1.69	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/10/2018



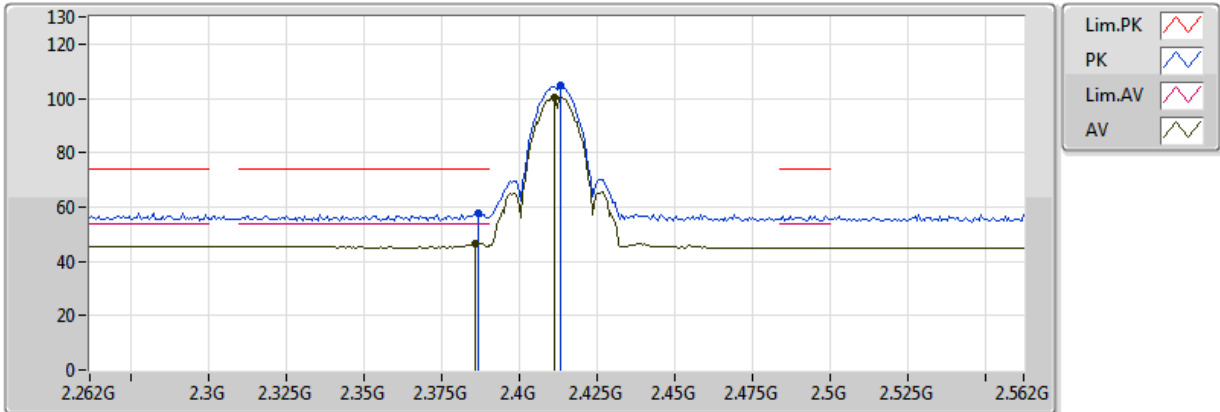
EUT Y_2TX
Setting 1D
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3868G	61.73	74.00	-12.27	32.76	3	Vertical	349	1.99	-
AV	2.3868G	53.58	54.00	-0.42	32.76	3	Vertical	349	1.99	-
PK	2.4132G	113.92	Inf	-Inf	32.72	3	Vertical	349	1.99	-
AV	2.4114G	109.99	Inf	-Inf	32.72	3	Vertical	349	1.99	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/10/2018



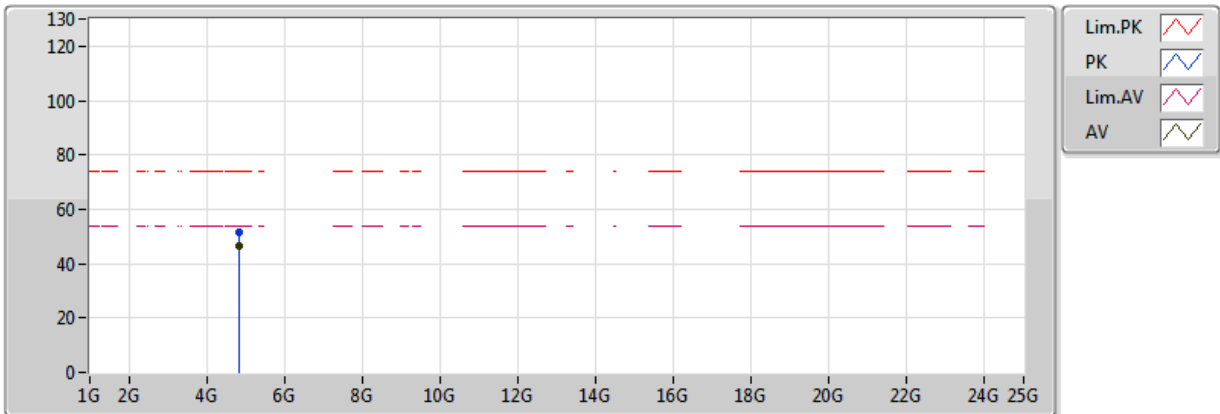
EUT Y_2TX
Setting 1D
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3868G	57.47	74.00	-16.53	32.76	3	Horizontal	198	1.49	-
AV	2.3856G	46.61	54.00	-7.39	32.76	3	Horizontal	198	1.49	-
PK	2.4132G	104.53	Inf	-Inf	32.72	3	Horizontal	198	1.49	-
AV	2.4114G	100.50	Inf	-Inf	32.72	3	Horizontal	198	1.49	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/10/2018



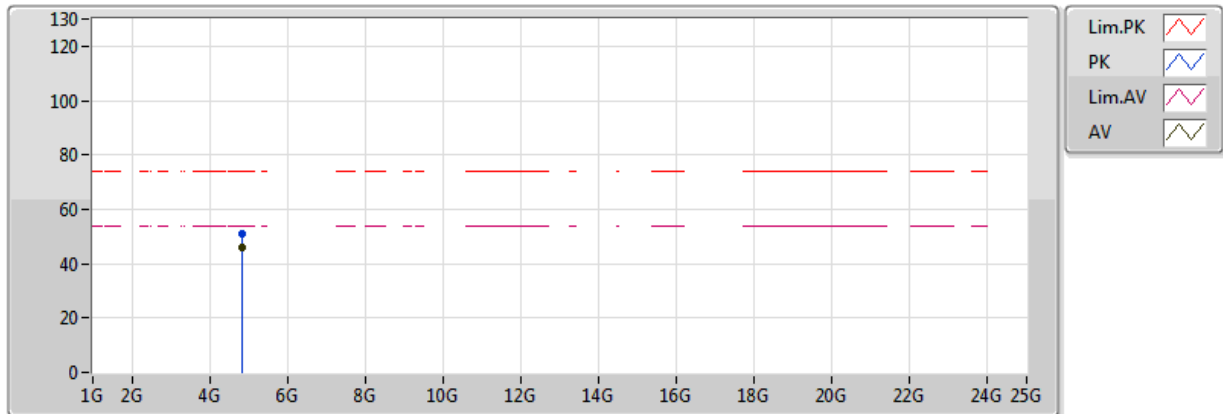
EUT Y_2TX
Setting 1D
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.82396G	51.73	74.00	-22.27	5.48	3	Vertical	186	1.94	-
AV	4.823972G	46.42	54.00	-7.58	5.48	3	Vertical	186	1.94	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/10/2018



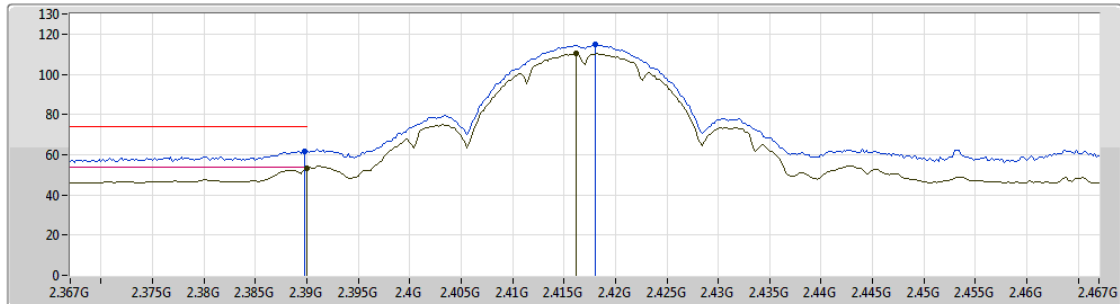
EUT Y_2TX
Setting 1D
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.82412G	51.24	74.00	-22.76	5.48	3	Horizontal	154	1.64	-
AV	4.823988G	45.82	54.00	-8.18	5.48	3	Horizontal	154	1.64	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2417MHz_TX



Lim.PK
PK
Lim.AV
AV

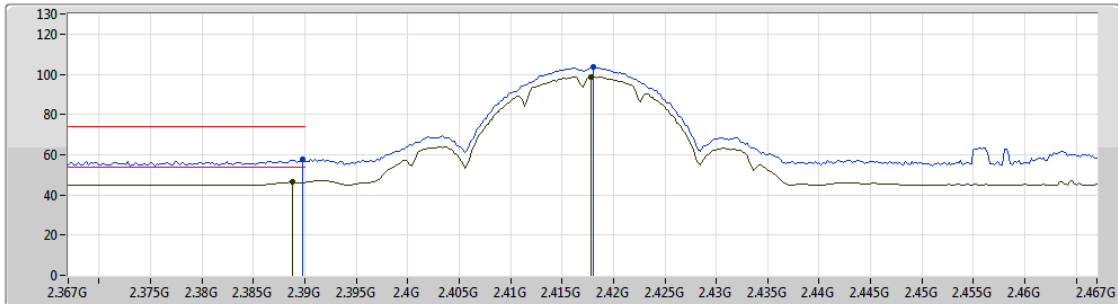
EUT Y_2TX
Setting 1D
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	61.76	74.00	-12.24	32.75	3	Vertical	171	2.70	-
AV	2.39G	53.41	54.00	-0.59	32.75	3	Vertical	171	2.70	-
PK	2.418G	114.74	Inf	-Inf	32.71	3	Vertical	171	2.70	-
AV	2.4162G	110.21	Inf	-Inf	32.72	3	Vertical	171	2.70	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2417MHz_TX



Lim.PK
PK
Lim.AV
AV

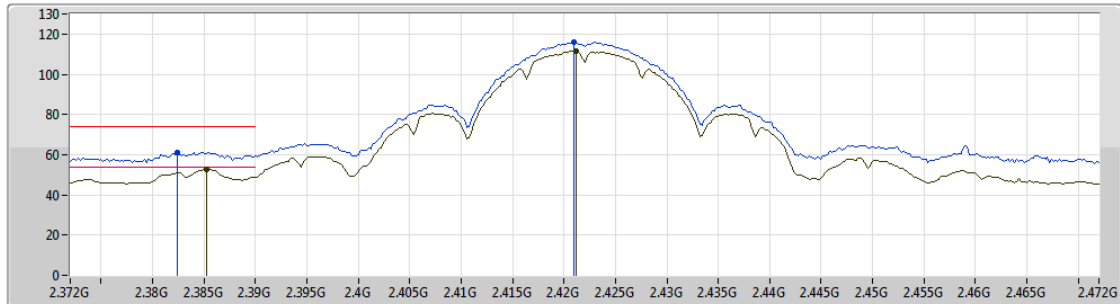
EUT Y_2TX
Setting 1D
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	57.66	74.00	-16.34	32.75	3	Horizontal	159	1.37	-
AV	2.3888G	46.26	54.00	-7.74	32.76	3	Horizontal	159	1.37	-
PK	2.418G	103.41	Inf	-Inf	32.71	3	Horizontal	159	1.37	-
AV	2.4178G	98.89	Inf	-Inf	32.71	3	Horizontal	159	1.37	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2422MHz_TX



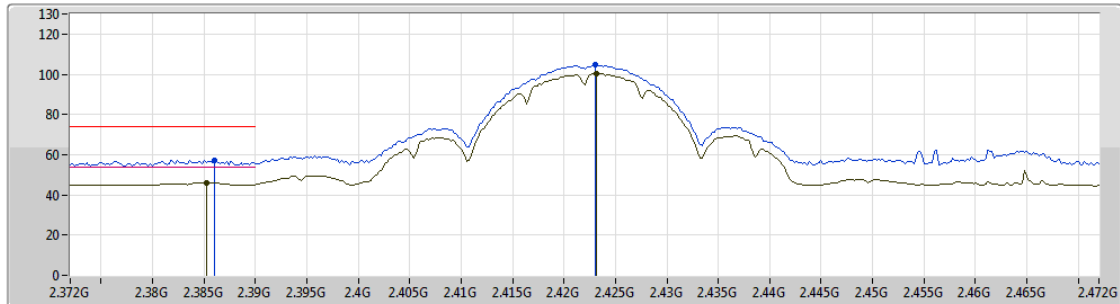
EUT Y_2TX
Setting 20
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3824G	61.25	74.00	-12.75	32.77	3	Vertical	173	2.73	-
AV	2.3852G	52.76	54.00	-1.24	32.76	3	Vertical	173	2.73	-
PK	2.421G	115.82	Inf	-Inf	32.72	3	Vertical	173	2.73	-
AV	2.4212G	111.34	Inf	-Inf	32.72	3	Vertical	173	2.73	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2422MHz_TX



Lim.PK
PK
Lim.AV
AV

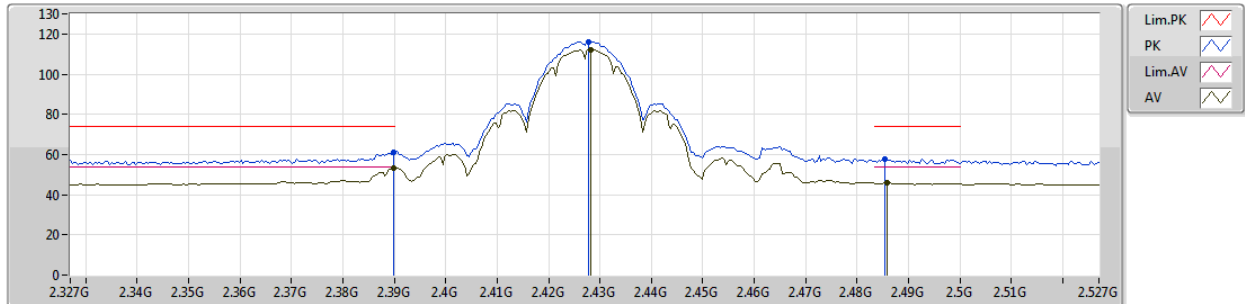
EUT Y_2TX
Setting 20
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.386G	57.32	74.00	-16.68	32.76	3	Horizontal	165	1.55	-
AV	2.3852G	46.14	54.00	-7.86	32.76	3	Horizontal	165	1.55	-
PK	2.423G	104.82	Inf	-Inf	32.71	3	Horizontal	165	1.55	-
AV	2.4232G	100.25	Inf	-Inf	32.71	3	Horizontal	165	1.55	-

802.11b_Nss1,(1Mbps)_2TX

2427MHz_TX

26/10/2018



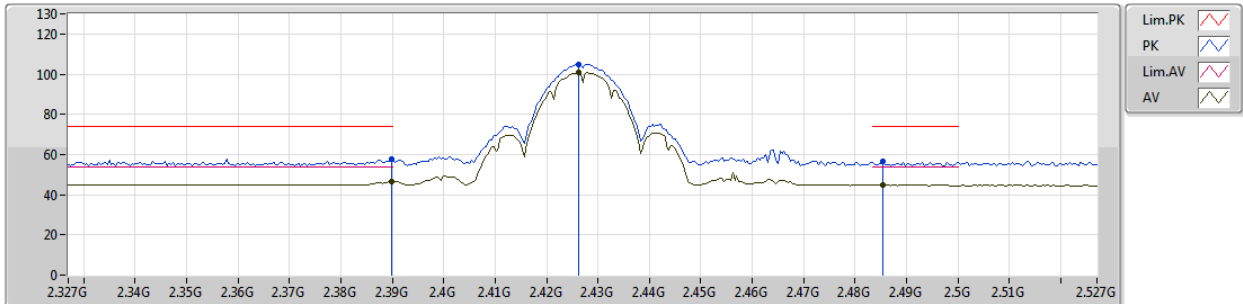
EUT Y_2TX
Setting 20
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	60.86	74.00	-13.14	32.75	3	Vertical	169	2.64	-
AV	2.3898G	53.18	54.00	-0.82	32.75	3	Vertical	169	2.64	-
PK	2.4278G	116.21	Inf	-Inf	32.71	3	Vertical	169	2.64	-
AV	2.4282G	112.08	Inf	-Inf	32.71	3	Vertical	169	2.64	-
PK	2.4854G	57.80	74.00	-16.20	32.70	3	Vertical	169	2.64	-
AV	2.4858G	46.18	54.00	-7.82	32.70	3	Vertical	169	2.64	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2427MHz_TX



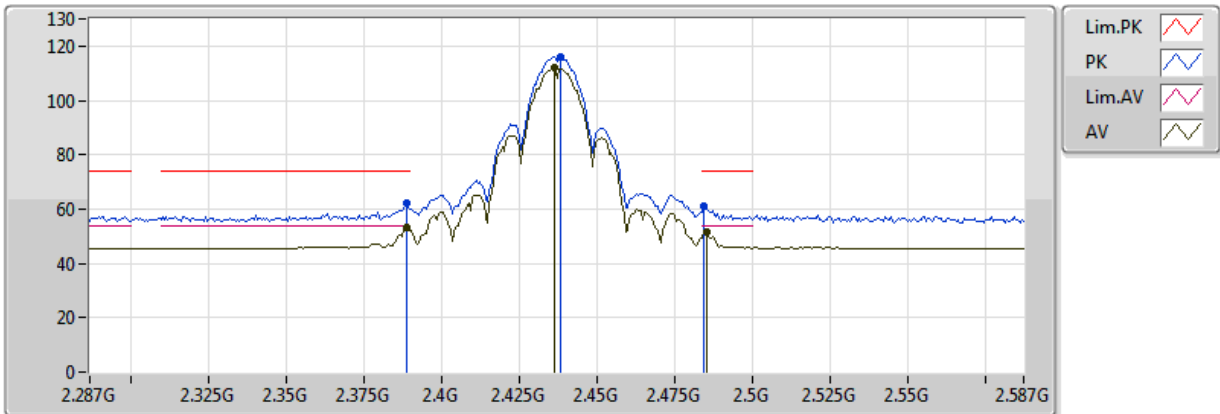
EUT Y_2TX
Setting 20
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	57.97	74.00	-16.03	32.75	3	Horizontal	166	1.50	-
AV	2.3898G	46.48	54.00	-7.52	32.75	3	Horizontal	166	1.50	-
PK	2.4262G	104.87	Inf	-Inf	32.71	3	Horizontal	166	1.50	-
AV	2.4262G	100.86	Inf	-Inf	32.71	3	Horizontal	166	1.50	-
PK	2.4854G	56.60	74.00	-17.40	32.70	3	Horizontal	166	1.50	-
AV	2.4854G	44.66	54.00	-9.34	32.70	3	Horizontal	166	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/10/2018



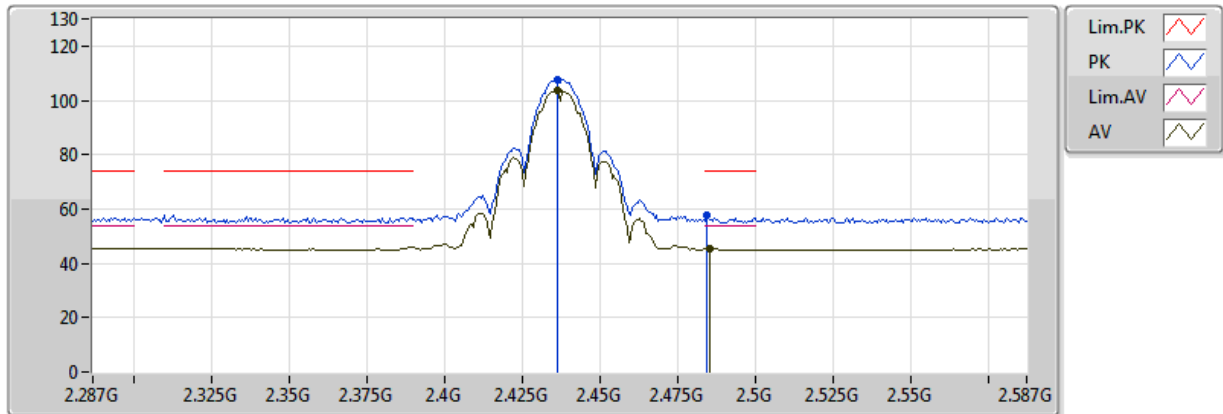
EUT Y_2TX
Setting 24
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389G	62.12	74.00	-11.88	32.76	3	Vertical	347	1.76	-
AV	2.389G	53.05	54.00	-0.95	32.76	3	Vertical	347	1.76	-
PK	2.4382G	115.97	Inf	-Inf	32.71	3	Vertical	347	1.76	-
AV	2.4364G	111.93	Inf	-Inf	32.71	3	Vertical	347	1.76	-
PK	2.4844G	60.87	74.00	-13.13	32.69	3	Vertical	347	1.76	-
AV	2.485G	51.35	54.00	-2.65	32.69	3	Vertical	347	1.76	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/10/2018



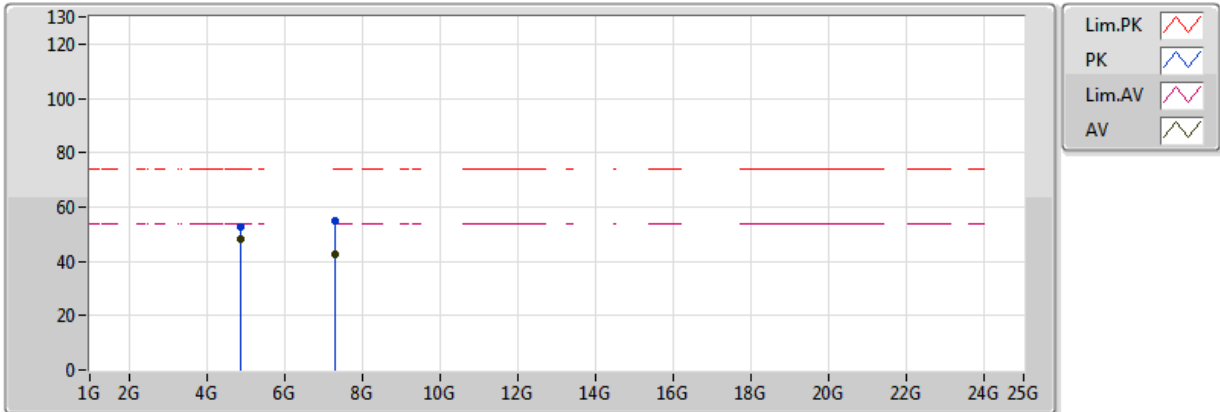
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Setting 24
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4364G	107.76	Inf	-Inf	32.71	3	Horizontal	199	1.96	-
AV	2.4364G	103.83	Inf	-Inf	32.71	3	Horizontal	199	1.96	-
PK	2.4844G	57.69	74.00	-16.31	32.69	3	Horizontal	199	1.96	-
AV	2.485G	45.47	54.00	-8.53	32.69	3	Horizontal	199	1.96	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/10/2018



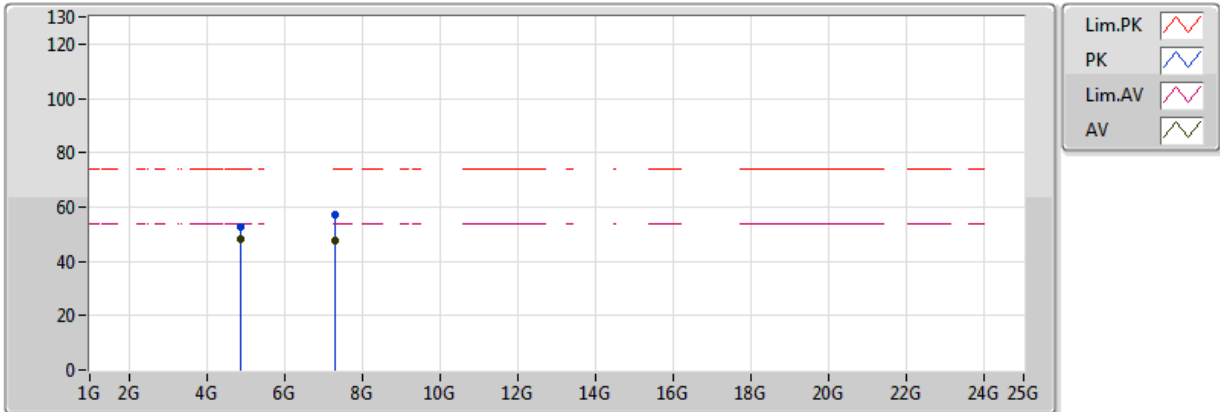
EUT Y_2TX
Setting 24
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.873988G	52.78	74.00	-21.22	5.45	3	Vertical	0	1.50	-
AV	4.874G	48.25	54.00	-5.75	5.45	3	Vertical	0	1.50	-
PK	7.31046G	54.75	74.00	-19.25	11.07	3	Vertical	104	1.50	-
AV	7.31022G	42.78	54.00	-11.22	11.07	3	Vertical	104	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/10/2018



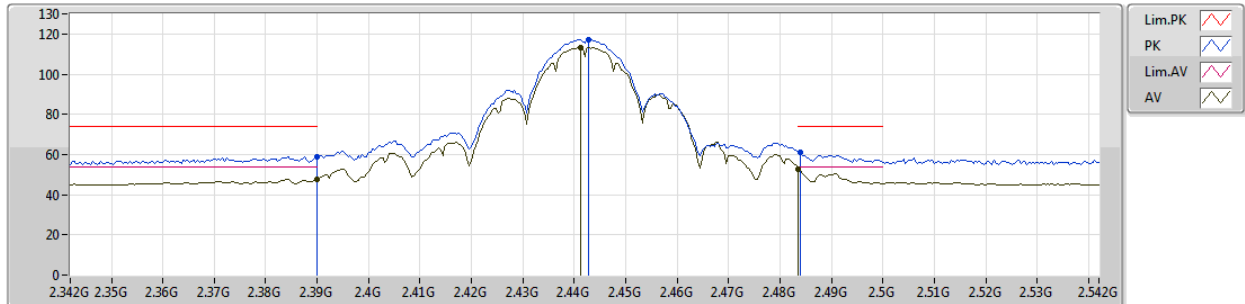
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Setting 24
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.87402G	52.66	74.00	-21.34	5.45	3	Horizontal	64	1.50	-
AV	4.874028G	48.46	54.00	-5.54	5.45	3	Horizontal	64	1.50	-
PK	7.31016G	57.40	74.00	-16.60	11.07	3	Horizontal	278	1.76	-
AV	7.31022G	47.80	54.00	-6.20	11.07	3	Horizontal	278	1.76	-

802.11b_Nss1,(1Mbps)_2TX

2442MHz_TX

26/10/2018



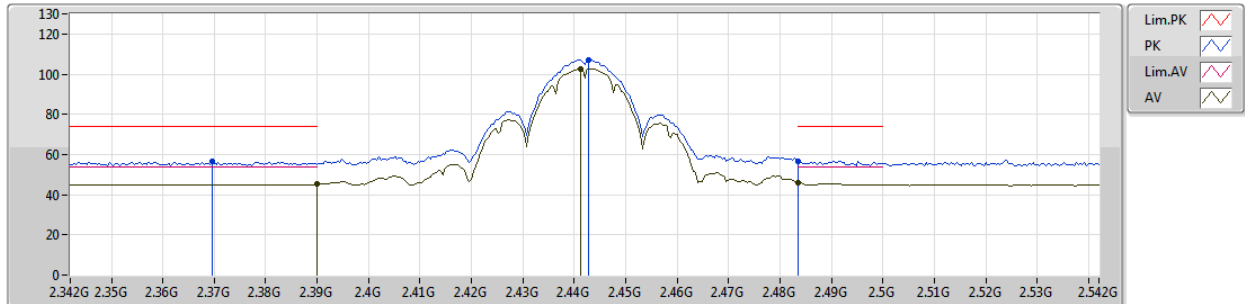
EUT Y_2TX
Setting 24
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.39G	59.00	74.00	-15.00	32.75	3	Vertical	171	2.65	-
AV	2.39G	47.90	54.00	-6.10	32.75	3	Vertical	171	2.65	-
PK	2.4428G	117.25	Inf	-Inf	32.70	3	Vertical	171	2.65	-
AV	2.4412G	113.27	Inf	-Inf	32.71	3	Vertical	171	2.65	-
PK	2.484G	61.02	74.00	-12.98	32.69	3	Vertical	171	2.65	-
AV	2.4835G	52.57	54.00	-1.43	32.69	3	Vertical	171	2.65	-

802.11b_Nss1,(1Mbps)_2TX

2442MHz_TX

26/10/2018



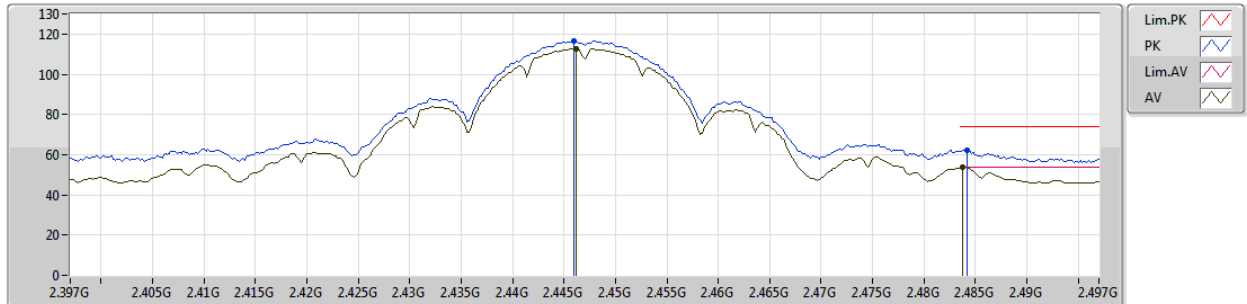
EUT Y_2TX
Setting 24
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3696G	56.65	74.00	-17.35	32.81	3	Horizontal	163	1.49	-
AV	2.39G	45.17	54.00	-8.83	32.75	3	Horizontal	163	1.49	-
PK	2.4428G	106.93	Inf	-Inf	32.70	3	Horizontal	163	1.49	-
AV	2.4412G	102.59	Inf	-Inf	32.71	3	Horizontal	163	1.49	-
PK	2.4835G	56.78	74.00	-17.22	32.69	3	Horizontal	163	1.49	-
AV	2.4835G	46.08	54.00	-7.92	32.69	3	Horizontal	163	1.49	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2447MHz_TX



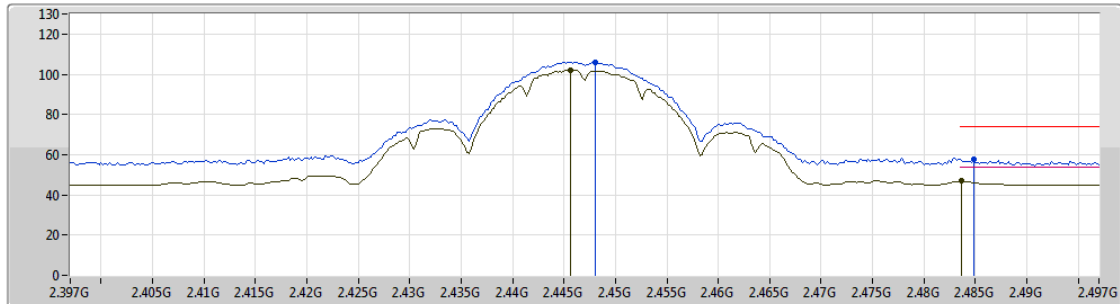
EUT_Y_2TX
Setting 22
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.446G	116.56	Inf	-Inf	32.71	3	Vertical	171	2.62	-
AV	2.4462G	112.68	Inf	-Inf	32.71	3	Vertical	171	2.62	-
PK	2.4842G	62.29	74.00	-11.71	32.69	3	Vertical	171	2.62	-
AV	2.4838G	53.95	54.00	-0.05	32.69	3	Vertical	171	2.62	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2447MHz_TX



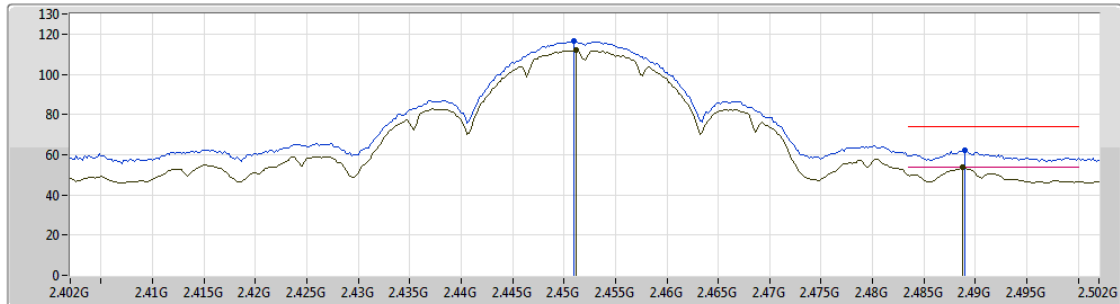
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Setting 22
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.448G	106.11	Inf	-Inf	32.70	3	Horizontal	159	1.50	-
AV	2.4456G	102.17	Inf	-Inf	32.71	3	Horizontal	159	1.50	-
PK	2.4848G	57.63	74.00	-16.37	32.69	3	Horizontal	159	1.50	-
AV	2.4836G	46.81	54.00	-7.19	32.69	3	Horizontal	159	1.50	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2452MHz_TX



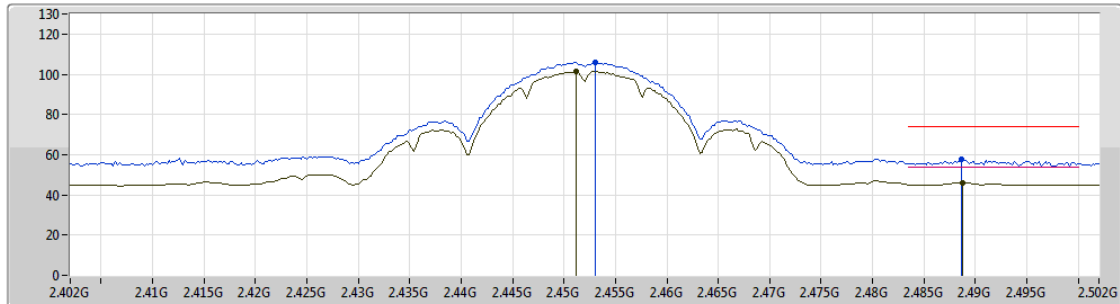
EUT Y_2TX
Setting 22
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.451G	116.38	Inf	-Inf	32.71	3	Vertical	164	2.16	-
AV	2.4512G	112.02	Inf	-Inf	32.71	3	Vertical	164	2.16	-
PK	2.489G	62.08	74.00	-11.92	32.69	3	Vertical	164	2.16	-
AV	2.4888G	53.58	54.00	-0.42	32.69	3	Vertical	164	2.16	-

802.11b_Nss1,(1Mbps)_2TX

26/10/2018

2452MHz_TX



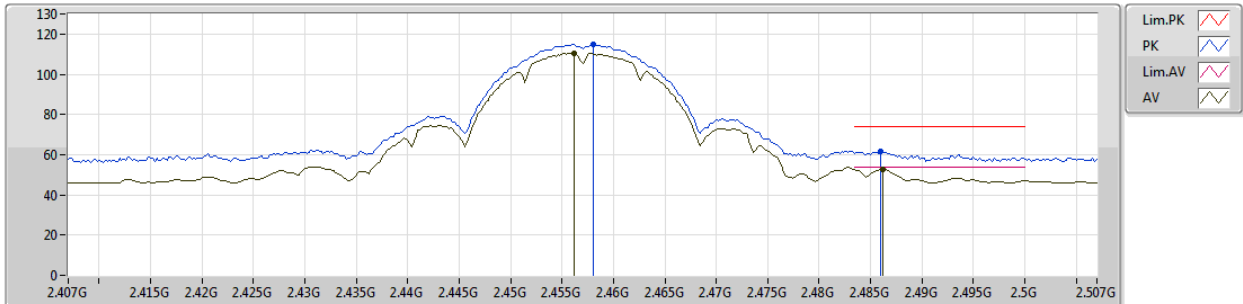
EUT Y_2TX
Setting 22
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.453G	106.07	Inf	-Inf	32.70	3	Horizontal	156	1.29	-
AV	2.4512G	101.26	Inf	-Inf	32.71	3	Horizontal	156	1.29	-
PK	2.4886G	57.66	74.00	-16.34	32.69	3	Horizontal	156	1.29	-
AV	2.4888G	46.15	54.00	-7.85	32.69	3	Horizontal	156	1.29	-

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

26/10/2018



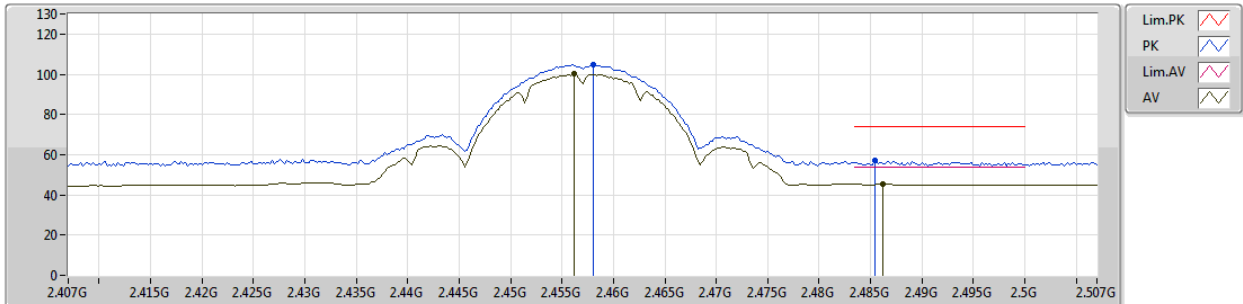
EUT_Y_2TX
Setting 1E
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.458G	114.91	Inf	-Inf	32.70	3	Vertical	169	2.35	-
AV	2.4562G	110.52	Inf	-Inf	32.71	3	Vertical	169	2.35	-
PK	2.486G	61.40	74.00	-12.60	32.70	3	Vertical	169	2.35	-
AV	2.4862G	52.87	54.00	-1.13	32.70	3	Vertical	169	2.35	-

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

26/10/2018



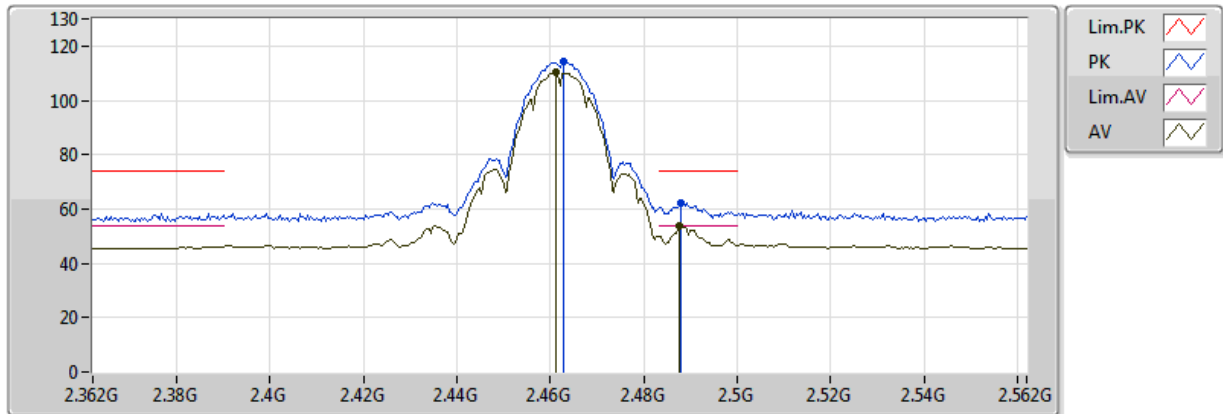
EUT Y_2TX
Setting 1E
04-R-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.458G	104.73	Inf	-Inf	32.70	3	Horizontal	158	1.30	-
AV	2.4562G	100.25	Inf	-Inf	32.71	3	Horizontal	158	1.30	-
PK	2.4854G	57.37	74.00	-16.63	32.70	3	Horizontal	158	1.30	-
AV	2.4862G	45.43	54.00	-8.57	32.70	3	Horizontal	158	1.30	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/10/2018



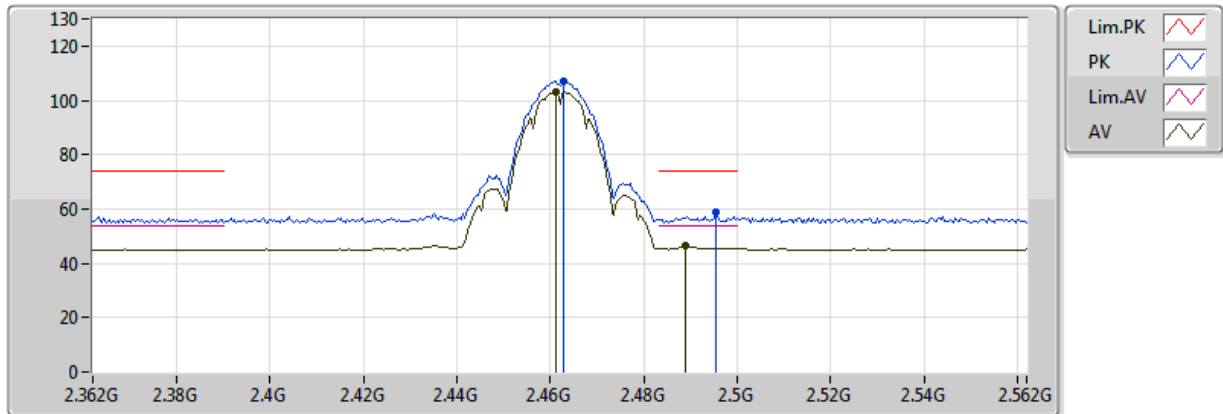
EUT Y_2TX
Setting 1E
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4628G	114.23	Inf	-Inf	32.70	3	Vertical	192	1.92	-
AV	2.4612G	110.16	Inf	-Inf	32.70	3	Vertical	192	1.92	-
PK	2.488G	62.43	74.00	-11.57	32.69	3	Vertical	192	1.92	-
AV	2.4876G	53.61	54.00	-0.39	32.69	3	Vertical	192	1.92	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/10/2018



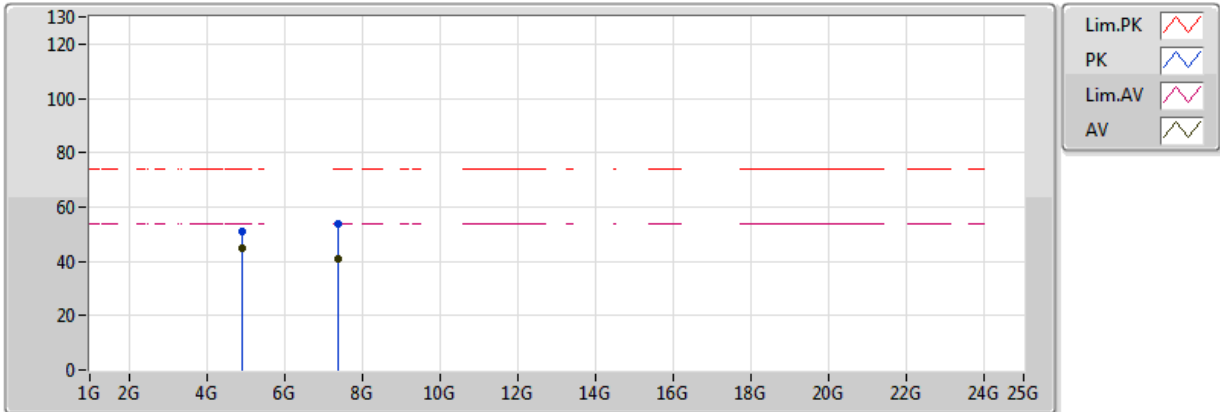
EUT Y_2TX
Setting 1E
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4628G	107.03	Inf	-Inf	32.70	3	Horizontal	201	1.13	-
AV	2.4612G	103.06	Inf	-Inf	32.70	3	Horizontal	201	1.13	-
PK	2.4956G	58.67	74.00	-15.33	32.69	3	Horizontal	201	1.13	-
AV	2.4888G	46.33	54.00	-7.67	32.69	3	Horizontal	201	1.13	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/10/2018



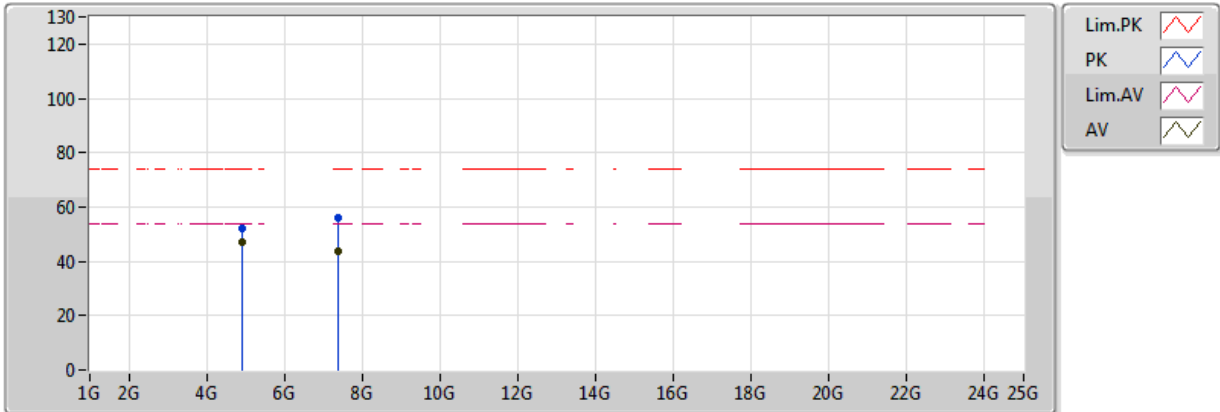
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Setting 1E
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.924G	51.15	74.00	-22.85	5.53	3	Vertical	358	1.50	-
AV	4.923984G	45.08	54.00	-8.92	5.53	3	Vertical	358	1.50	-
PK	7.3851G	53.73	74.00	-20.27	10.89	3	Vertical	15	1.25	-
AV	7.38534G	40.78	54.00	-13.22	10.89	3	Vertical	15	1.25	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/10/2018



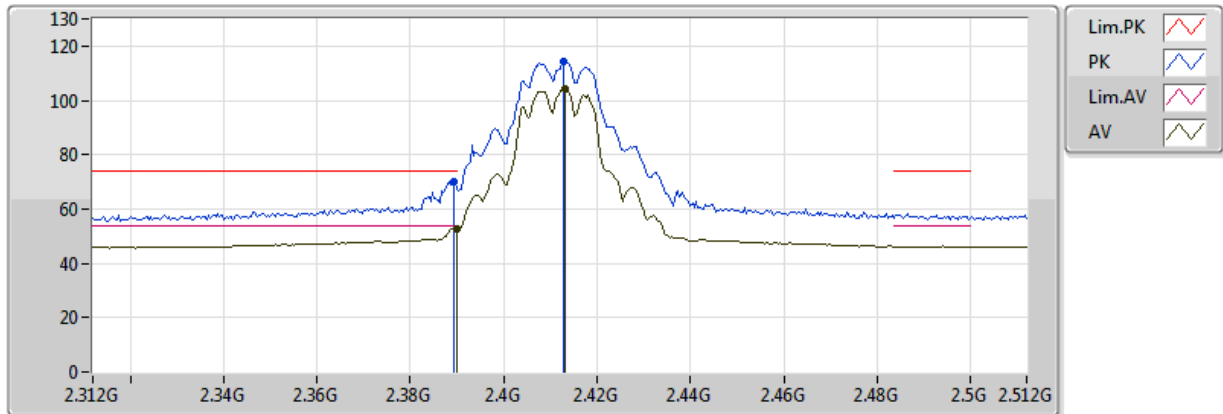
EUT Y_2TX
Setting 1E
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.924G	51.88	74.00	-22.12	5.53	3	Horizontal	295	1.50	-
AV	4.924G	46.96	54.00	-7.04	5.53	3	Horizontal	295	1.50	-
PK	7.38408G	56.21	74.00	-17.79	10.89	3	Horizontal	277	1.77	-
AV	7.38528G	43.69	54.00	-10.31	10.89	3	Horizontal	277	1.77	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/10/2018



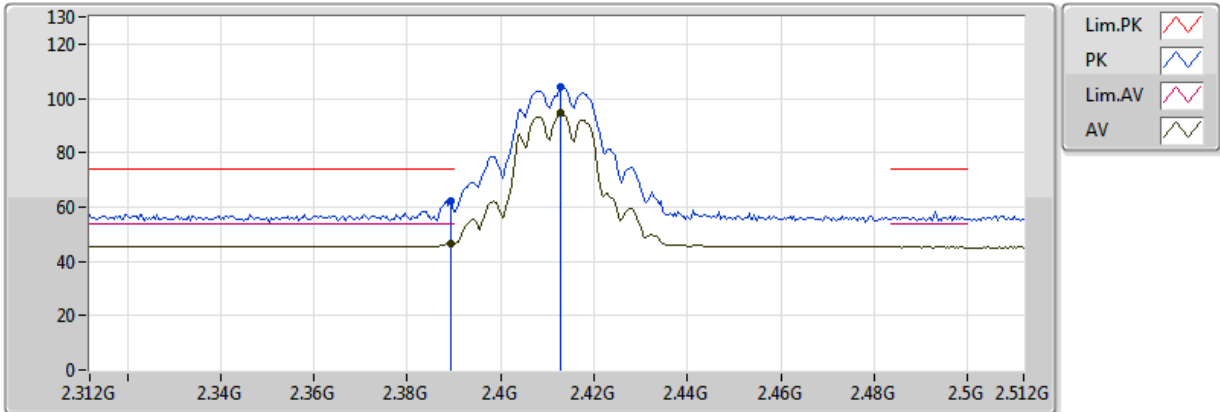
EUT Y_2TX
Setting 19
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3892G	70.01	74.00	-3.99	32.75	3	Vertical	349	1.99	-
AV	2.389998G	52.78	54.00	-1.22	32.75	3	Vertical	349	1.99	-
PK	2.4128G	114.45	Inf	-Inf	32.72	3	Vertical	349	1.99	-
AV	2.4132G	104.33	Inf	-Inf	32.72	3	Vertical	349	1.99	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/10/2018



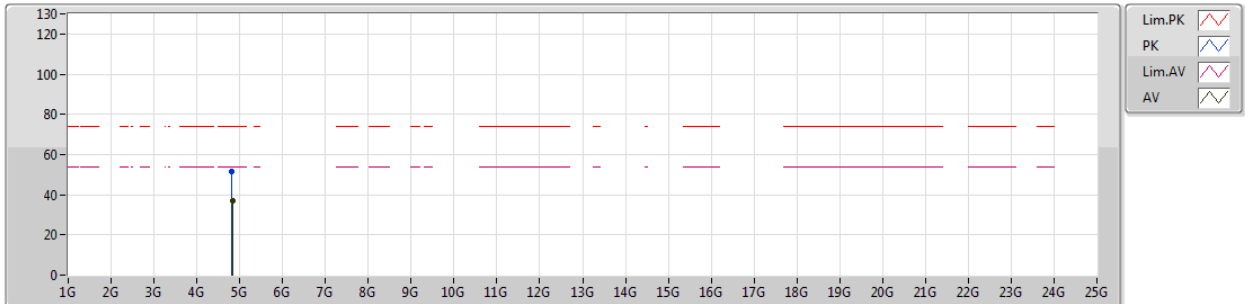
EUT Y_2TX
Setting 19
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3892G	62.15	74.00	-11.85	32.75	3	Horizontal	200	1.50	-
AV	2.3892G	46.77	54.00	-7.23	32.75	3	Horizontal	200	1.50	-
PK	2.4128G	104.14	Inf	-Inf	32.72	3	Horizontal	200	1.50	-
AV	2.4128G	94.70	Inf	-Inf	32.72	3	Horizontal	200	1.50	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2412MHz_TX



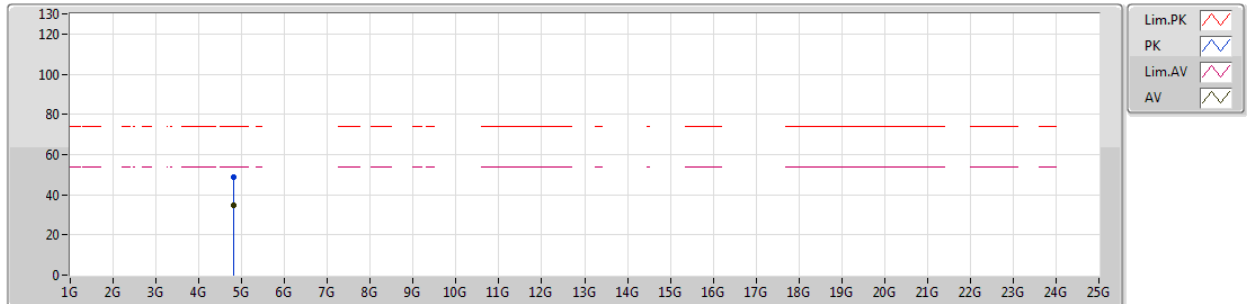
EUT Y_2TX
Setting 19
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.82046G	51.38	74.00	-22.62	3.98	3	Vertical	192	2.25	-						
AV	4.82502G	36.90	54.00	-17.10	4.00	3	Vertical	192	2.25	-						

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2412MHz_TX



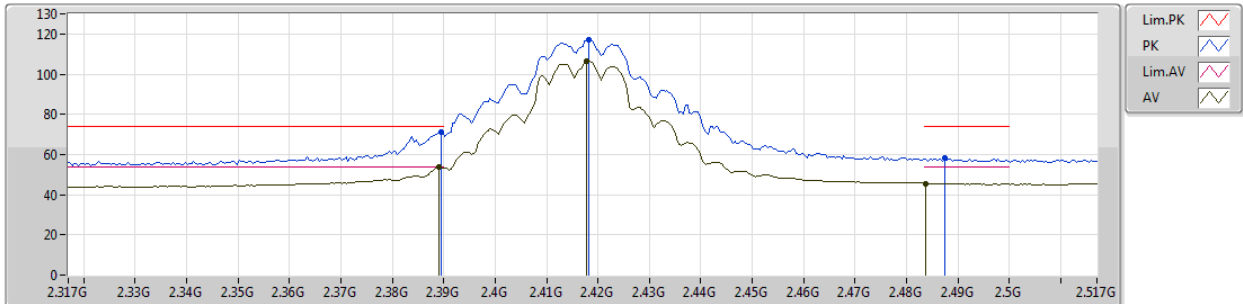
EUT Y_2TX
Setting 19
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.82394G	48.80	74.00	-25.20	4.00	3	Horizontal	142	1.79	-						
AV	4.8243G	34.75	54.00	-19.25	4.00	3	Horizontal	142	1.79	-						

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2417MHz_TX



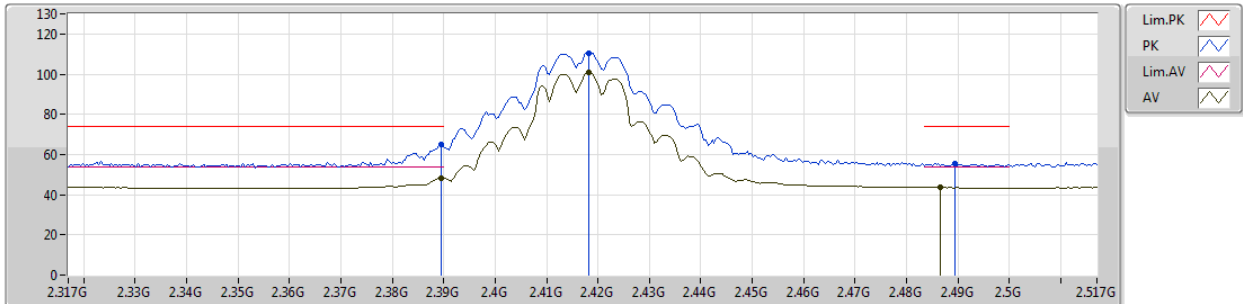
EUT Y_2TX
Setting 1F
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3894G	71.36	74.00	-2.64	30.97	3	Vertical	172	2.62	-
AV	2.389G	53.77	54.00	-0.23	30.97	3	Vertical	172	2.62	-
PK	2.4182G	117.22	Inf	-Inf	30.98	3	Vertical	172	2.62	-
AV	2.4178G	106.74	Inf	-Inf	30.98	3	Vertical	172	2.62	-
PK	2.4874G	58.31	74.00	-15.69	31.18	3	Vertical	172	2.62	-
AV	2.4836G	45.60	54.00	-8.40	31.17	3	Vertical	172	2.62	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2417MHz_TX



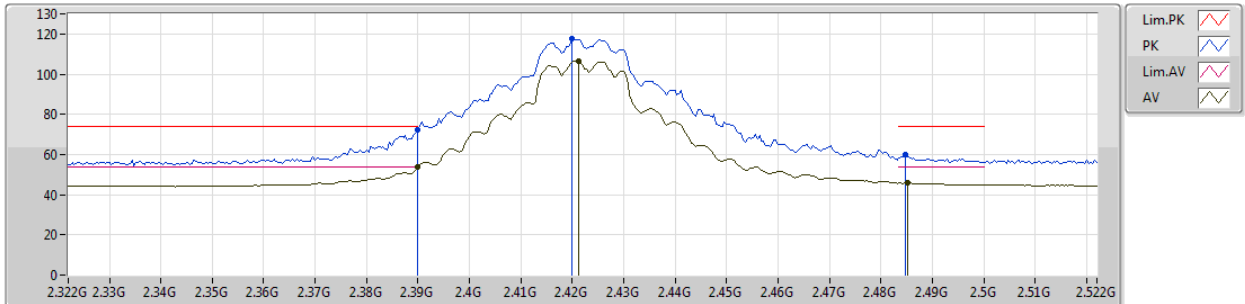
EUT Y_2TX
Setting 1F
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3894G	64.89	74.00	-9.11	30.97	3	Horizontal	207	1.42	-
AV	2.3894G	48.22	54.00	-5.78	30.97	3	Horizontal	207	1.42	-
PK	2.4182G	110.66	Inf	-Inf	30.98	3	Horizontal	207	1.42	-
AV	2.4182G	100.83	Inf	-Inf	30.98	3	Horizontal	207	1.42	-
PK	2.4894G	55.57	74.00	-18.43	31.19	3	Horizontal	207	1.42	-
AV	2.4866G	43.60	54.00	-10.40	31.18	3	Horizontal	207	1.42	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2422MHz_TX



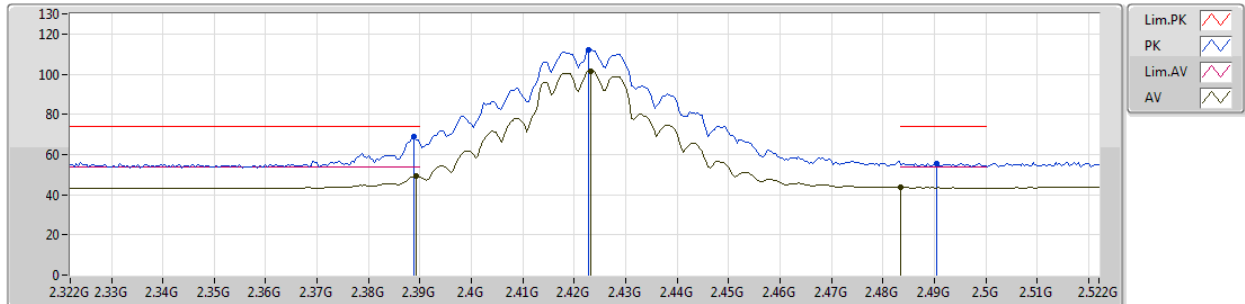
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Setting 23
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.39G	72.30	74.00	-1.70	30.97	3	Vertical	122	2.27	-
AV	2.39G	53.79	54.00	-0.21	30.97	3	Vertical	122	2.27	-
PK	2.42G	117.46	Inf	-Inf	30.99	3	Vertical	122	2.27	-
AV	2.4212G	106.57	Inf	-Inf	30.99	3	Vertical	122	2.27	-
PK	2.4848G	59.75	74.00	-14.25	31.17	3	Vertical	122	2.27	-
AV	2.4852G	45.82	54.00	-8.18	31.17	3	Vertical	122	2.27	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2422MHz_TX



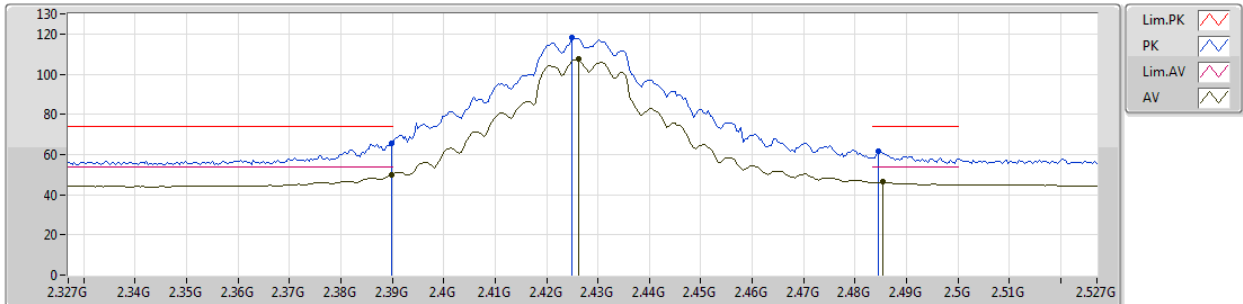
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Setting 23
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3888G	68.72	74.00	-5.28	30.97	3	Horizontal	207	1.01	-
AV	2.3892G	49.05	54.00	-4.95	30.97	3	Horizontal	207	1.01	-
PK	2.4228G	111.93	Inf	-Inf	31.00	3	Horizontal	207	1.01	-
AV	2.4232G	101.67	Inf	-Inf	31.00	3	Horizontal	207	1.01	-
PK	2.4904G	55.73	74.00	-18.27	31.19	3	Horizontal	207	1.01	-
AV	2.4835G	43.65	54.00	-10.35	31.17	3	Horizontal	207	1.01	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2427MHz_TX



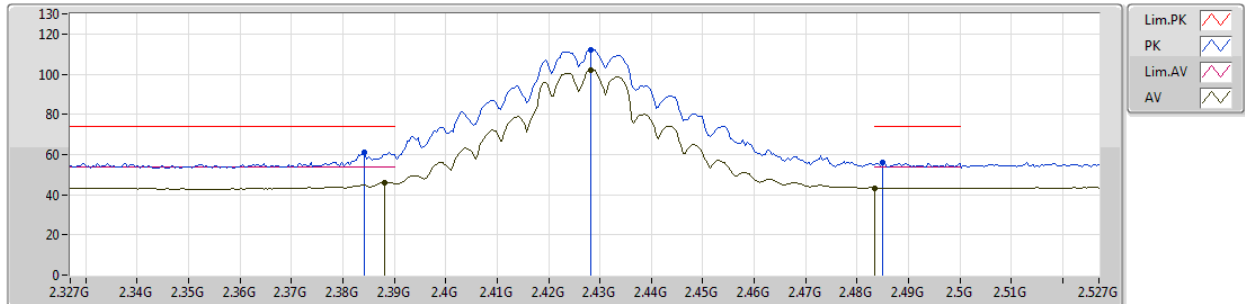
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Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	65.45	74.00	-8.55	30.97	3	Vertical	123	2.28	-
AV	2.3898G	49.86	54.00	-4.14	30.97	3	Vertical	123	2.28	-
PK	2.425G	117.97	Inf	-Inf	31.00	3	Vertical	123	2.28	-
AV	2.4262G	107.34	Inf	-Inf	31.01	3	Vertical	123	2.28	-
PK	2.4846G	61.44	74.00	-12.56	31.17	3	Vertical	123	2.28	-
AV	2.4854G	46.23	54.00	-7.77	31.18	3	Vertical	123	2.28	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2427MHz_TX



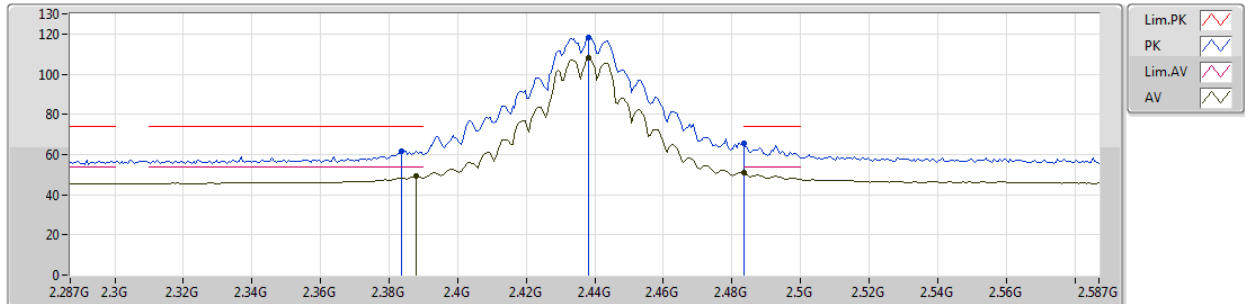
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Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3842G	60.96	74.00	-13.04	30.97	3	Horizontal	207	1.52	-
AV	2.3882G	46.12	54.00	-7.88	30.97	3	Horizontal	207	1.52	-
PK	2.4282G	112.24	Inf	-Inf	31.01	3	Horizontal	207	1.52	-
AV	2.4282G	102.26	Inf	-Inf	31.01	3	Horizontal	207	1.52	-
PK	2.485G	55.81	74.00	-18.19	31.17	3	Horizontal	207	1.52	-
AV	2.4835G	43.41	54.00	-10.59	31.17	3	Horizontal	207	1.52	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2437MHz_TX



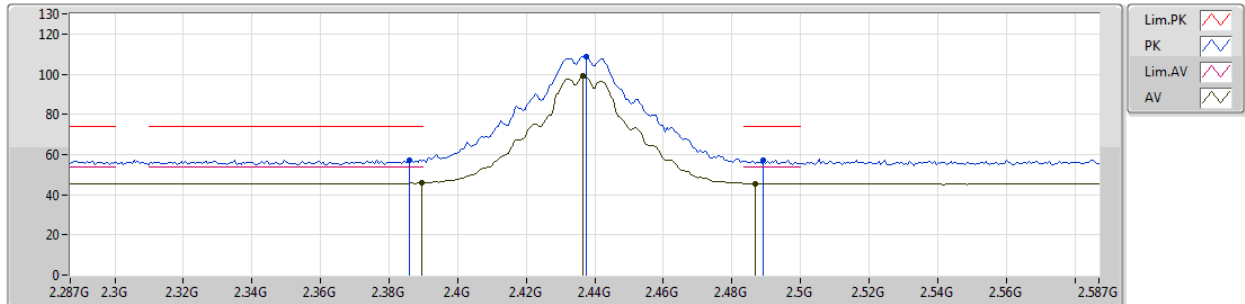
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Setting 24
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3836G	61.88	74.00	-12.12	32.77	3	Vertical	180	1.98	-
AV	2.3878G	49.07	54.00	-4.93	32.75	3	Vertical	180	1.98	-
PK	2.4382G	118.46	Inf	-Inf	32.71	3	Vertical	180	1.98	-
AV	2.4382G	108.16	Inf	-Inf	32.71	3	Vertical	180	1.98	-
PK	2.483502G	65.37	74.00	-8.63	32.69	3	Vertical	180	1.98	-
AV	2.483502G	50.87	54.00	-3.13	32.69	3	Vertical	180	1.98	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2437MHz_TX



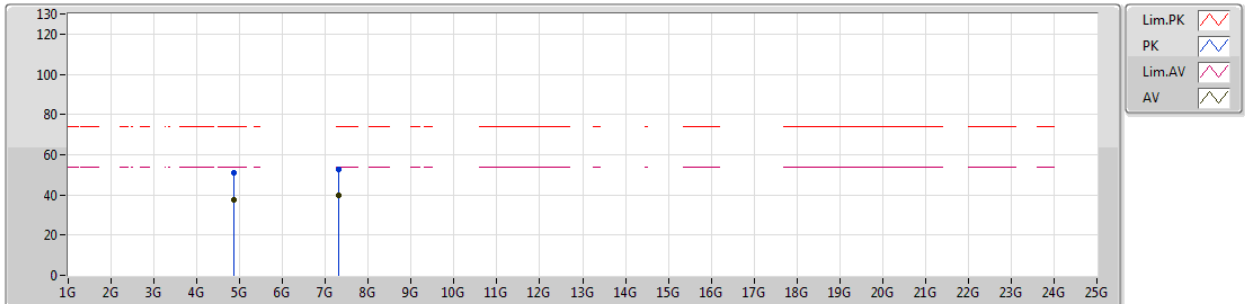
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Setting 24
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.386G	57.31	74.00	-16.69	32.76	3	Horizontal	195	1.96	-
AV	2.3896G	45.82	54.00	-8.18	32.75	3	Horizontal	195	1.96	-
PK	2.4376G	108.79	Inf	-Inf	32.71	3	Horizontal	195	1.96	-
AV	2.4364G	98.95	Inf	-Inf	32.71	3	Horizontal	195	1.96	-
PK	2.4892G	57.10	74.00	-16.90	32.69	3	Horizontal	195	1.96	-
AV	2.4868G	45.63	54.00	-8.37	32.70	3	Horizontal	195	1.96	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2437MHz_TX



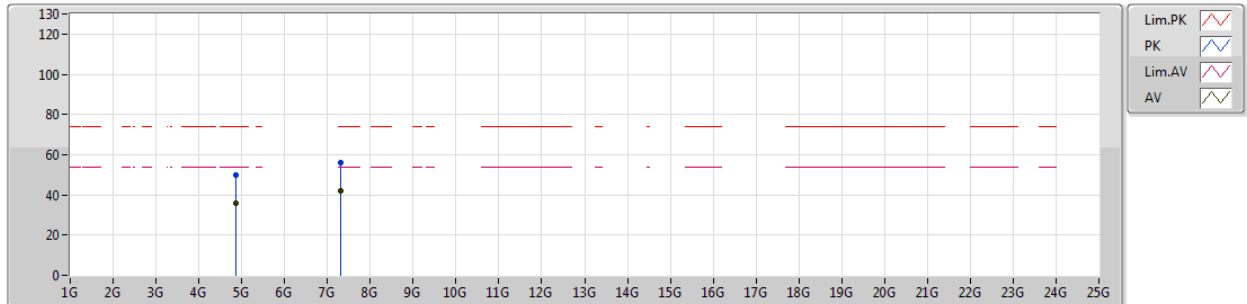
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Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
PK	4.87568G	51.13	74.00	-22.87	4.21	3	Vertical	193	2.23	-								
AV	4.87568G	37.67	54.00	-16.33	4.21	3	Vertical	193	2.23	-								
PK	7.3146G	52.95	74.00	-21.05	9.75	3	Vertical	191	1.16	-								
AV	7.3146G	39.57	54.00	-14.43	9.75	3	Vertical	191	1.16	-								

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2437MHz_TX



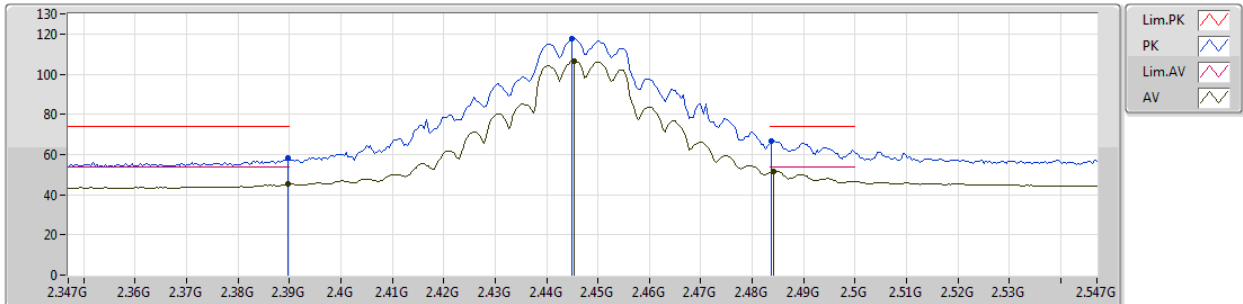
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Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.8746G	49.93	74.00	-24.07	4.21	3	Horizontal	142	1.60	-
AV	4.87496G	36.14	54.00	-17.86	4.21	3	Horizontal	142	1.60	-
PK	7.3089G	56.00	74.00	-18.00	9.75	3	Horizontal	244	1.96	-
AV	7.31346G	41.97	54.00	-12.03	9.75	3	Horizontal	244	1.96	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2447MHz_TX



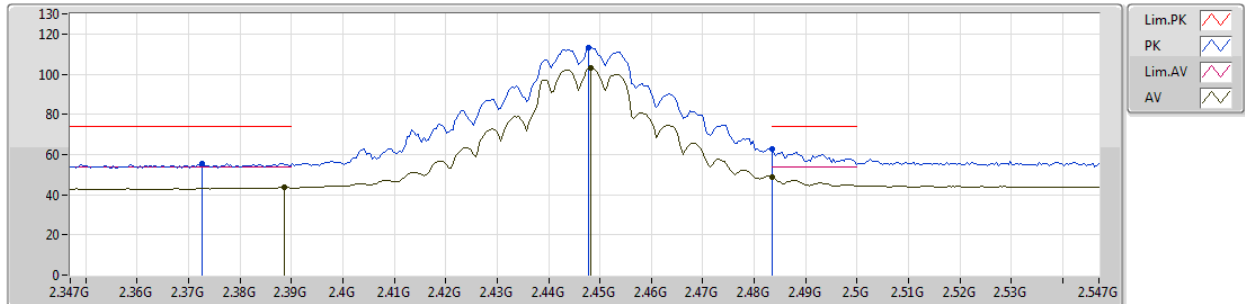
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Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	58.20	74.00	-15.80	30.97	3	Vertical	110	1.49	-
AV	2.3898G	45.23	54.00	-8.77	30.97	3	Vertical	110	1.49	-
PK	2.445G	117.91	Inf	-Inf	31.06	3	Vertical	110	1.49	-
AV	2.4454G	106.57	Inf	-Inf	31.06	3	Vertical	110	1.49	-
PK	2.4838G	66.76	74.00	-7.24	31.17	3	Vertical	110	1.49	-
AV	2.4842G	51.68	54.00	-2.32	31.17	3	Vertical	110	1.49	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2447MHz_TX



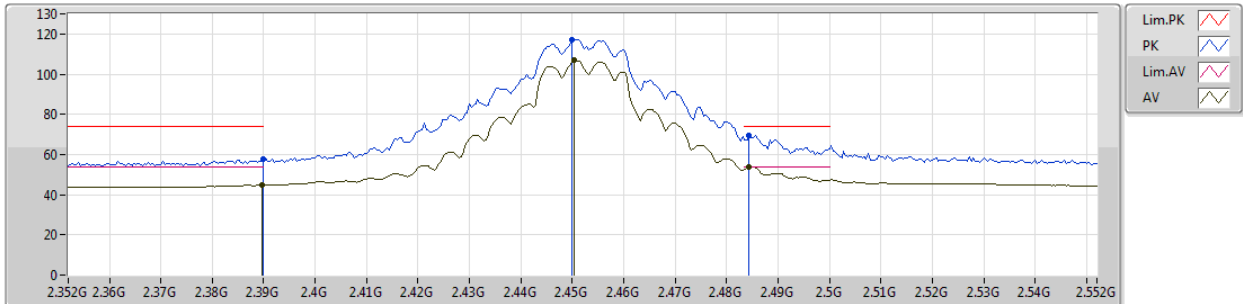
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Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3726G	55.58	74.00	-18.42	31.01	3	Horizontal	207	1.01	-
AV	2.3886G	43.63	54.00	-10.37	30.97	3	Horizontal	207	1.01	-
PK	2.4478G	112.99	Inf	-Inf	31.07	3	Horizontal	207	1.01	-
AV	2.4482G	103.00	Inf	-Inf	31.07	3	Horizontal	207	1.01	-
PK	2.4835G	62.62	74.00	-11.38	31.17	3	Horizontal	207	1.01	-
AV	2.4835G	48.69	54.00	-5.31	31.17	3	Horizontal	207	1.01	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2452MHz_TX



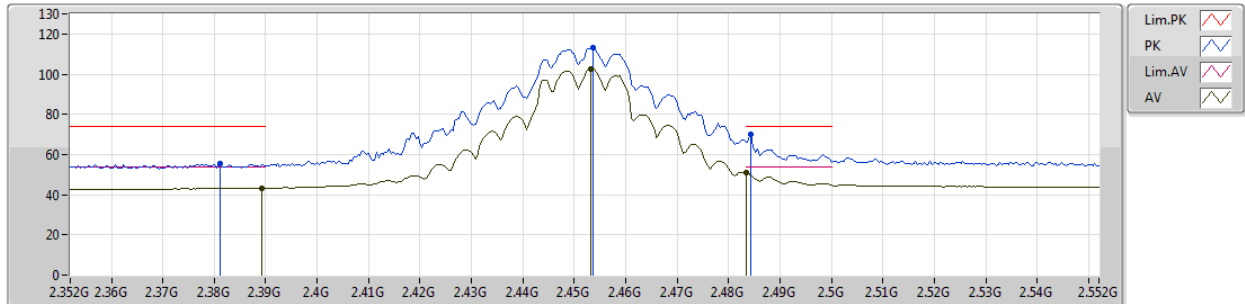
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Setting 23
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.39G	57.52	74.00	-16.48	30.97	3	Vertical	122	1.97	-
AV	2.3896G	44.75	54.00	-9.25	30.97	3	Vertical	122	1.97	-
PK	2.45G	117.38	Inf	-Inf	31.08	3	Vertical	122	1.97	-
AV	2.4504G	106.84	Inf	-Inf	31.07	3	Vertical	122	1.97	-
PK	2.4844G	69.34	74.00	-4.66	31.17	3	Vertical	122	1.97	-
AV	2.4844G	53.85	54.00	-0.15	31.17	3	Vertical	122	1.97	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2452MHz_TX



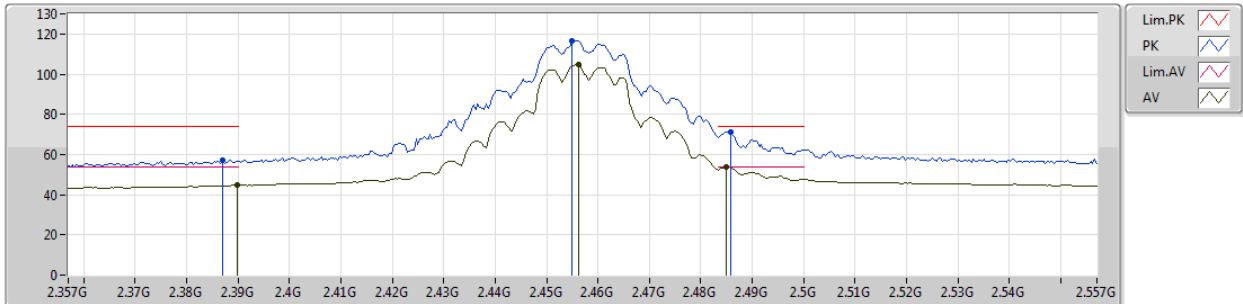
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Setting 23
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3812G	55.20	74.00	-18.80	30.99	3	Horizontal	208	1.01	-
AV	2.3892G	43.35	54.00	-10.65	30.97	3	Horizontal	208	1.01	-
PK	2.4536G	113.06	Inf	-Inf	31.09	3	Horizontal	208	1.01	-
AV	2.4532G	102.81	Inf	-Inf	31.08	3	Horizontal	208	1.01	-
PK	2.4844G	70.21	74.00	-3.79	31.17	3	Horizontal	208	1.01	-
AV	2.4835G	50.98	54.00	-3.02	31.17	3	Horizontal	208	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

29/10/2018



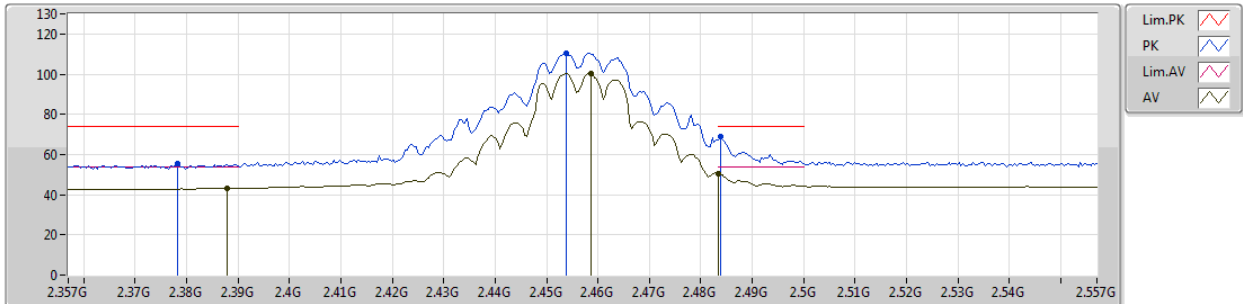
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Setting 21
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.387G	57.09	74.00	-16.91	30.97	3	Vertical	127	1.52	-
AV	2.3898G	44.67	54.00	-9.33	30.97	3	Vertical	127	1.52	-
PK	2.455G	116.67	Inf	-Inf	31.09	3	Vertical	127	1.52	-
AV	2.4562G	104.91	Inf	-Inf	31.10	3	Vertical	127	1.52	-
PK	2.4858G	71.30	74.00	-2.70	31.18	3	Vertical	127	1.52	-
AV	2.485G	53.88	54.00	-0.12	31.17	3	Vertical	127	1.52	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2457MHz_TX



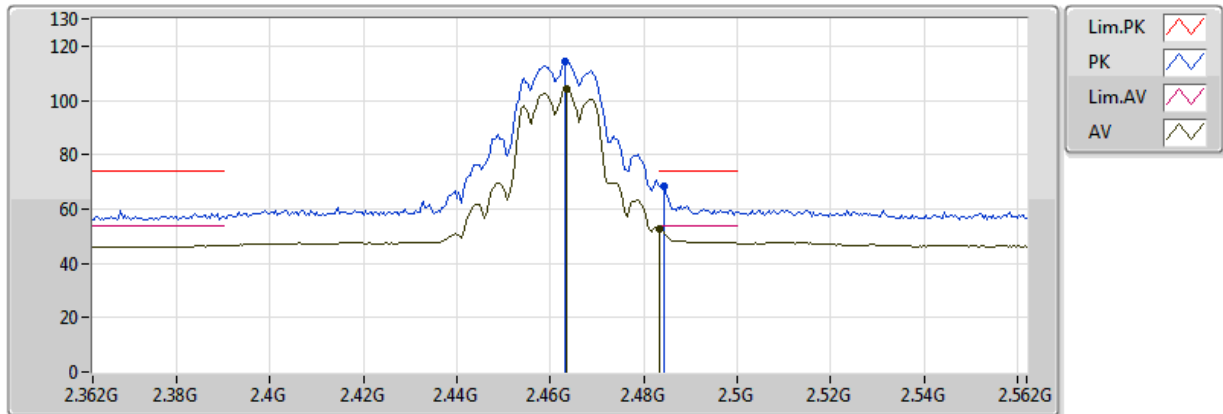
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Setting 21
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3782G	55.71	74.00	-18.29	30.99	3	Horizontal	207	1.50	-
AV	2.3878G	43.21	54.00	-10.79	30.97	3	Horizontal	207	1.50	-
PK	2.4538G	110.31	Inf	-Inf	31.09	3	Horizontal	207	1.50	-
AV	2.4586G	100.43	Inf	-Inf	31.10	3	Horizontal	207	1.50	-
PK	2.4838G	68.78	74.00	-5.22	31.17	3	Horizontal	207	1.50	-
AV	2.4835G	50.62	54.00	-3.38	31.17	3	Horizontal	207	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/10/2018



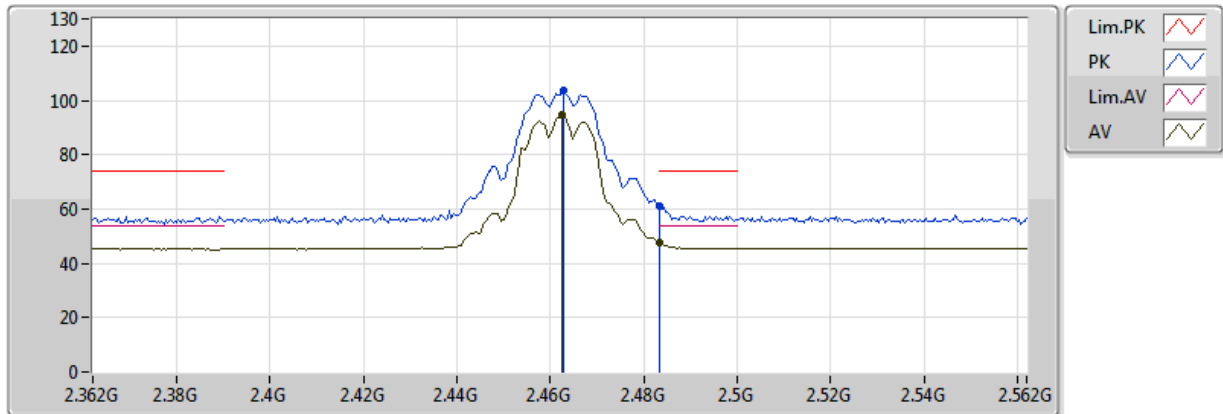
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Setting 18
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4632G	114.23	Inf	-Inf	32.70	3	Vertical	3	1.93	-
AV	2.4636G	104.09	Inf	-Inf	32.70	3	Vertical	3	1.93	-
PK	2.4844G	68.55	74.00	-5.45	32.69	3	Vertical	3	1.93	-
AV	2.483502G	52.81	54.00	-1.19	32.69	3	Vertical	3	1.93	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/10/2018



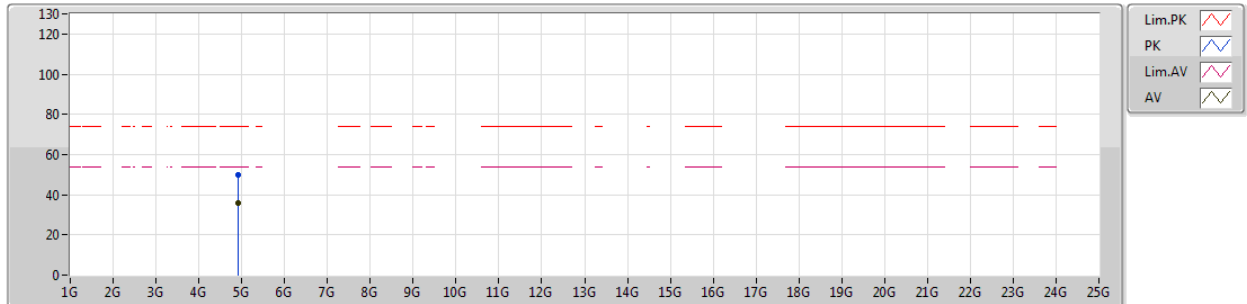
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Setting 18
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4628G	103.62	Inf	-Inf	32.70	3	Horizontal	206	1.14	-
AV	2.4624G	94.53	Inf	-Inf	32.70	3	Horizontal	206	1.14	-
PK	2.483502G	61.29	74.00	-12.71	32.69	3	Horizontal	206	1.14	-
AV	2.483502G	47.41	54.00	-6.59	32.69	3	Horizontal	206	1.14	-

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2462MHz_TX



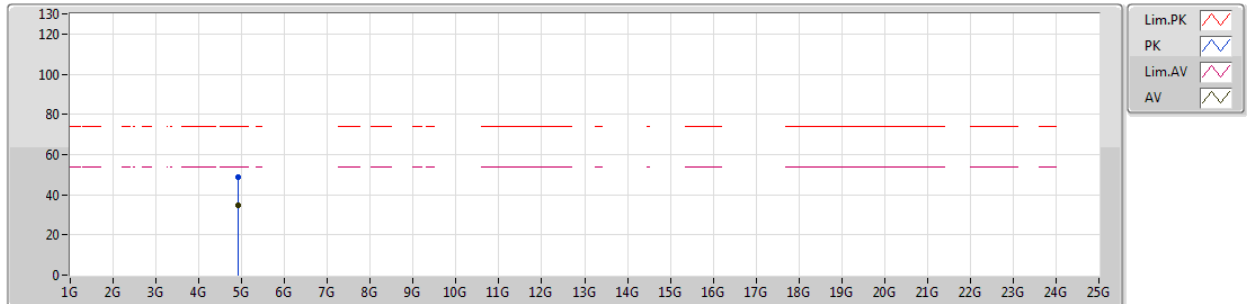
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Setting 18
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.92034G	49.99	74.00	-24.01	4.38	3	Vertical	185	1.02	-						
AV	4.9252G	35.71	54.00	-18.29	4.41	3	Vertical	185	1.02	-						

802.11g_Nss1,(6Mbps)_2TX

29/10/2018

2462MHz_TX



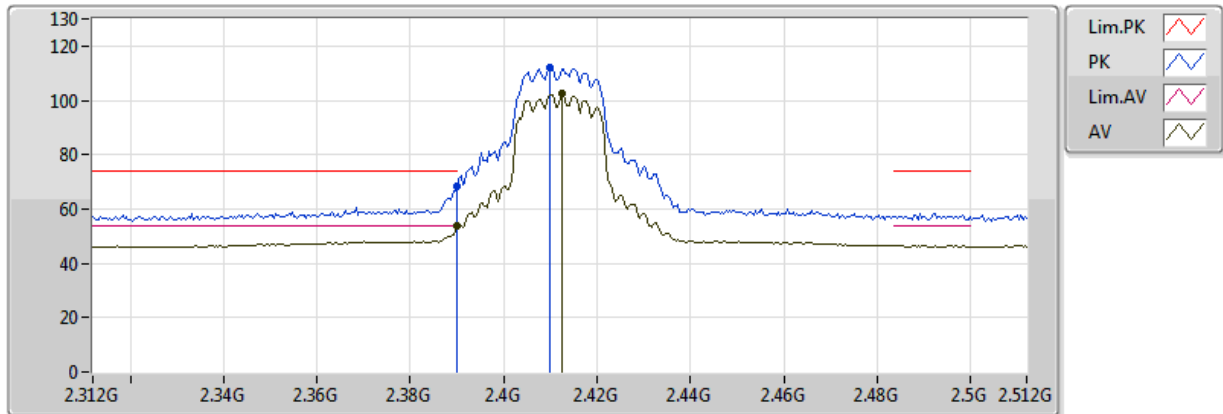
EUT Y_2TX
Setting 18
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92364G	48.59	74.00	-25.41	4.40	3	Horizontal	144	1.49	-
AV	4.92442G	34.74	54.00	-19.26	4.40	3	Horizontal	144	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/10/2018



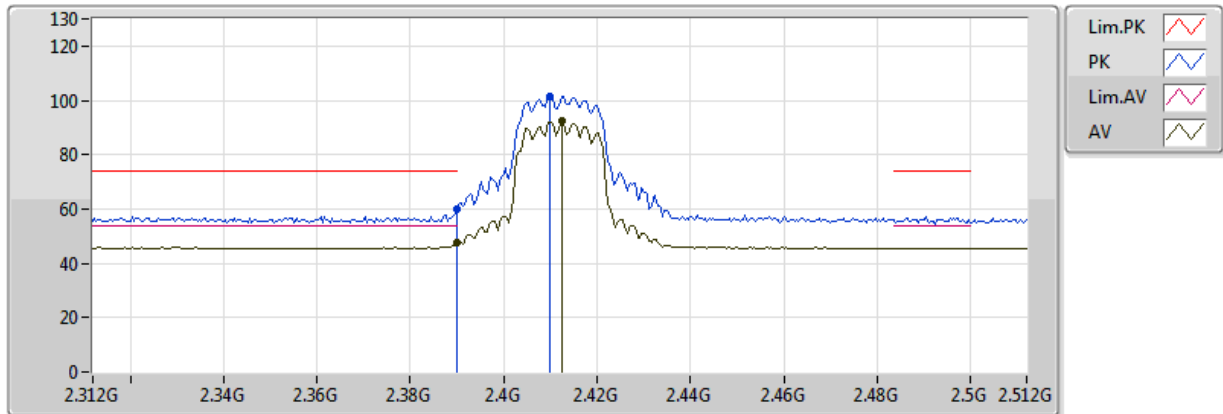
EUT Y_2TX
Setting 15
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389998G	68.42	74.00	-5.58	32.75	3	Vertical	352	1.98	-
AV	2.389998G	53.53	54.00	-0.47	32.75	3	Vertical	352	1.98	-
PK	2.41G	112.02	Inf	-Inf	32.72	3	Vertical	352	1.98	-
AV	2.4124G	102.34	Inf	-Inf	32.72	3	Vertical	352	1.98	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/10/2018



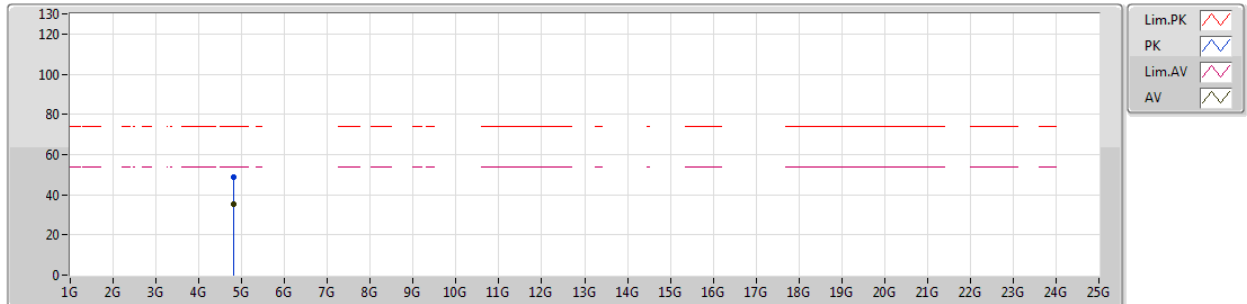
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Setting 15
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389998G	59.81	74.00	-14.19	32.75	3	Horizontal	200	1.50	-
AV	2.389998G	47.54	54.00	-6.46	32.75	3	Horizontal	200	1.50	-
PK	2.41 G	101.67	Inf	-Inf	32.72	3	Horizontal	200	1.50	-
AV	2.4124G	92.52	Inf	-Inf	32.72	3	Horizontal	200	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2412MHz_TX



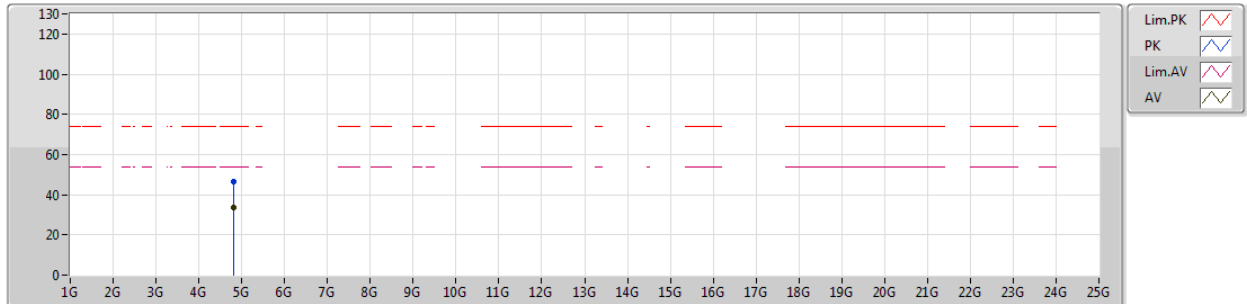
EUT Y_2TX
Setting 15
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.82202G	49.01	74.00	-24.99	4.00	3	Vertical	192	2.24	-						
AV	4.82466G	35.33	54.00	-18.67	4.00	3	Vertical	192	2.24	-						

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2412MHz_TX



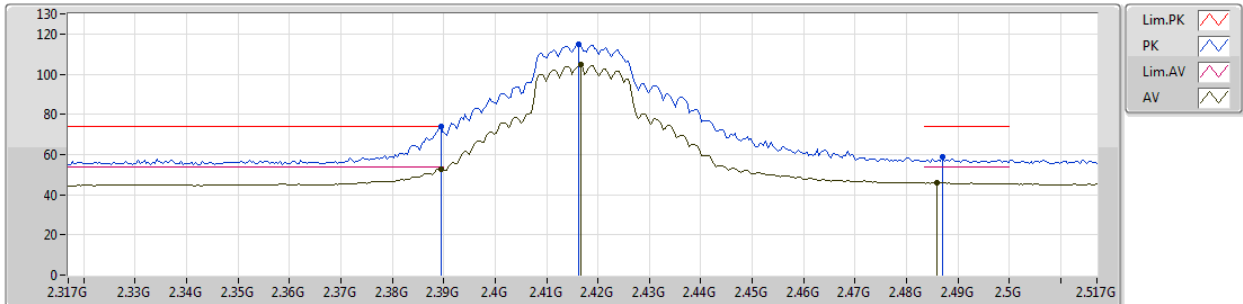
EUT Y_2TX
Setting 15
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.82418G	46.73	74.00	-27.27	4.00	3	Horizontal	142	1.82	-						
AV	4.8243G	33.75	54.00	-20.25	4.00	3	Horizontal	142	1.82	-						

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

29/10/2018



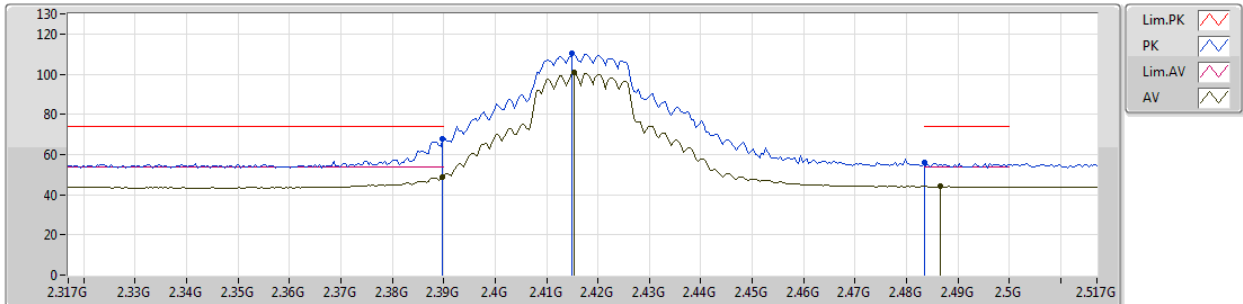
EUT Y_2TX
Setting 1E
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3894G	73.76	74.00	-0.24	30.97	3	Vertical	120	1.20	-
AV	2.3894G	52.76	54.00	-1.24	30.97	3	Vertical	120	1.20	-
PK	2.4162G	114.95	Inf	-Inf	30.98	3	Vertical	120	1.20	-
AV	2.4166G	104.69	Inf	-Inf	30.98	3	Vertical	120	1.20	-
PK	2.487G	58.69	74.00	-15.31	31.18	3	Vertical	120	1.20	-
AV	2.4858G	45.99	54.00	-8.01	31.18	3	Vertical	120	1.20	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2417MHz_TX



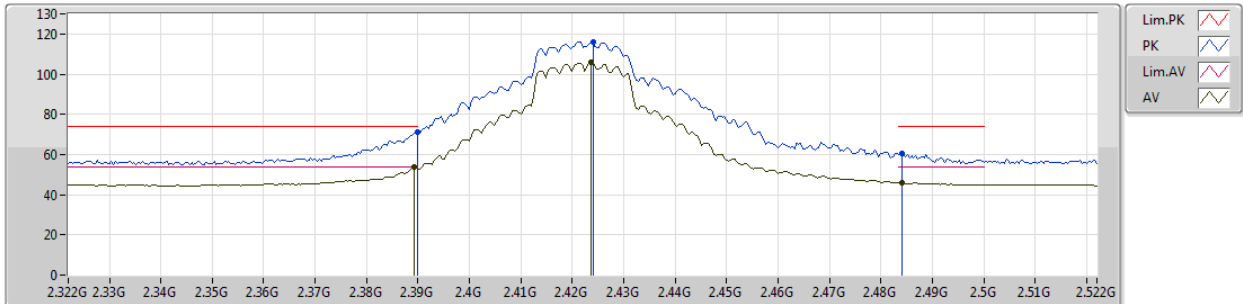
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Setting 1E
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	67.86	74.00	-6.14	30.97	3	Horizontal	206	1.02	-
AV	2.3898G	48.65	54.00	-5.35	30.97	3	Horizontal	206	1.02	-
PK	2.415G	110.40	Inf	-Inf	30.98	3	Horizontal	206	1.02	-
AV	2.4154G	100.74	Inf	-Inf	30.98	3	Horizontal	206	1.02	-
PK	2.4835G	56.24	74.00	-17.76	31.17	3	Horizontal	206	1.02	-
AV	2.4866G	44.09	54.00	-9.91	31.18	3	Horizontal	206	1.02	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2422MHz_TX



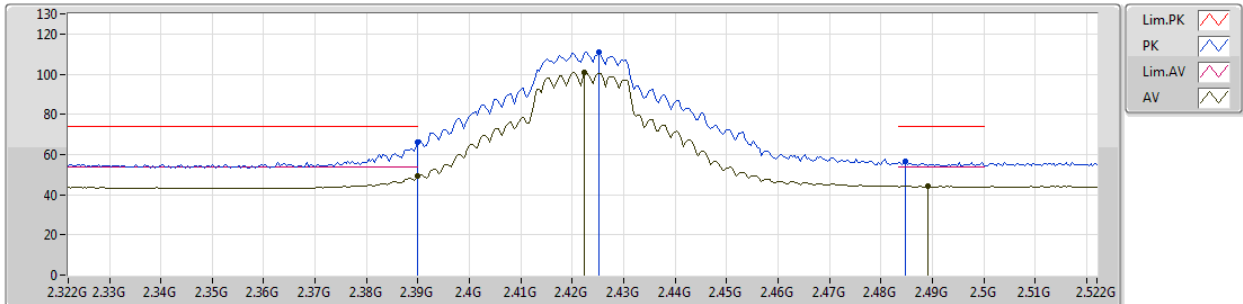
EUT Y_2TX
Setting 21
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.39G	71.14	74.00	-2.86	30.97	3	Vertical	110	2.25	-
AV	2.3892G	53.81	54.00	-0.19	30.97	3	Vertical	110	2.25	-
PK	2.424G	116.08	Inf	-Inf	31.00	3	Vertical	110	2.25	-
AV	2.4236G	106.06	Inf	-Inf	30.99	3	Vertical	110	2.25	-
PK	2.484G	60.68	74.00	-13.32	31.17	3	Vertical	110	2.25	-
AV	2.484G	45.90	54.00	-8.10	31.17	3	Vertical	110	2.25	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2422MHz_TX



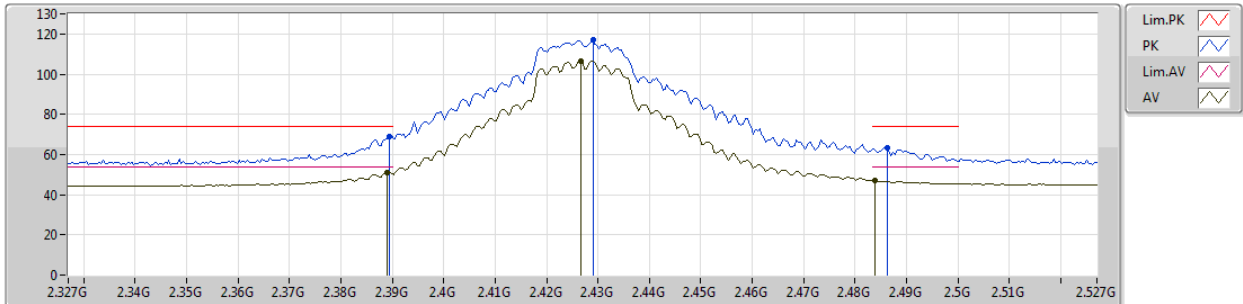
EUT Y_2TX
Setting 21
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.39G	65.88	74.00	-8.12	30.97	3	Horizontal	204	1.36	-
AV	2.39G	49.19	54.00	-4.81	30.97	3	Horizontal	204	1.36	-
PK	2.4252G	111.07	Inf	-Inf	31.00	3	Horizontal	204	1.36	-
AV	2.4224G	101.01	Inf	-Inf	31.00	3	Horizontal	204	1.36	-
PK	2.4848G	56.33	74.00	-17.67	31.17	3	Horizontal	204	1.36	-
AV	2.4892G	44.16	54.00	-9.84	31.19	3	Horizontal	204	1.36	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2427MHz_TX



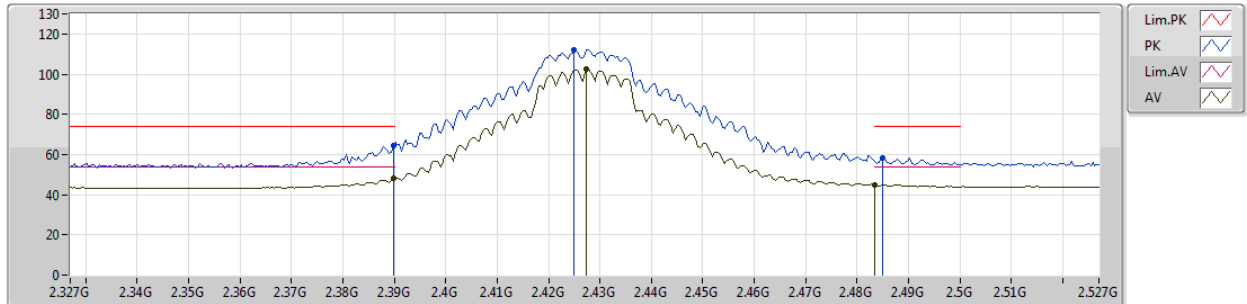
EUT Y_2TX
Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3894G	68.96	74.00	-5.04	30.97	3	Vertical	122	2.30	-
AV	2.389G	51.15	54.00	-2.85	30.97	3	Vertical	122	2.30	-
PK	2.429G	116.93	Inf	-Inf	31.02	3	Vertical	122	2.30	-
AV	2.4266G	106.68	Inf	-Inf	31.01	3	Vertical	122	2.30	-
PK	2.4862G	63.11	74.00	-10.89	31.18	3	Vertical	122	2.30	-
AV	2.4838G	47.32	54.00	-6.68	31.17	3	Vertical	122	2.30	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2427MHz_TX



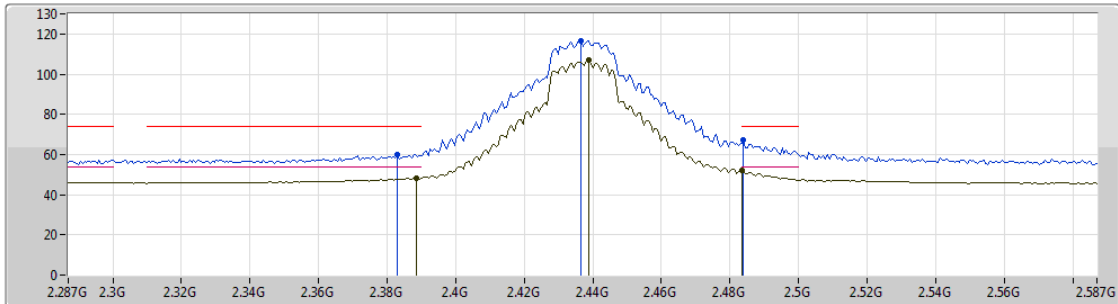
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Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	64.58	74.00	-9.42	30.97	3	Horizontal	208	1.05	-
AV	2.3898G	48.02	54.00	-5.98	30.97	3	Horizontal	208	1.05	-
PK	2.425G	112.30	Inf	-Inf	31.00	3	Horizontal	208	1.05	-
AV	2.4274G	102.65	Inf	-Inf	31.01	3	Horizontal	208	1.05	-
PK	2.485G	58.39	74.00	-15.61	31.17	3	Horizontal	208	1.05	-
AV	2.4835G	45.05	54.00	-8.95	31.17	3	Horizontal	208	1.05	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2437MHz_TX



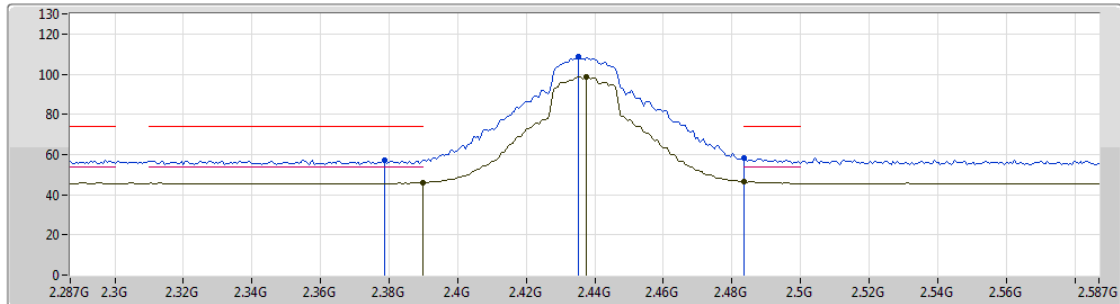
EUT Y_2TX
Setting 24
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.383G	60.13	74.00	-13.87	32.77	3	Vertical	275	1.50	-
AV	2.3884G	48.24	54.00	-5.76	32.76	3	Vertical	275	1.50	-
PK	2.4364G	116.65	Inf	-Inf	32.71	3	Vertical	275	1.50	-
AV	2.4388G	107.14	Inf	-Inf	32.71	3	Vertical	275	1.50	-
PK	2.4838G	67.17	74.00	-6.83	32.69	3	Vertical	275	1.50	-
AV	2.483502G	52.14	54.00	-1.86	32.69	3	Vertical	275	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2437MHz_TX



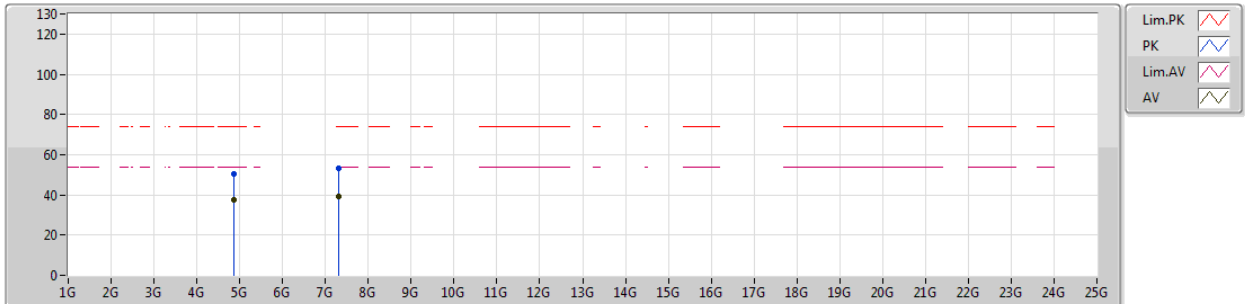
EUT Y_2TX
Setting 24
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3788G	57.07	74.00	-16.93	32.79	3	Horizontal	201	1.96	-
AV	2.389998G	46.06	54.00	-7.94	32.75	3	Horizontal	201	1.96	-
PK	2.4352G	108.54	Inf	-Inf	32.71	3	Horizontal	201	1.96	-
AV	2.4376G	98.75	Inf	-Inf	32.71	3	Horizontal	201	1.96	-
PK	2.483502G	58.20	74.00	-15.80	32.69	3	Horizontal	201	1.96	-
AV	2.483502G	46.53	54.00	-7.47	32.69	3	Horizontal	201	1.96	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2437MHz_TX



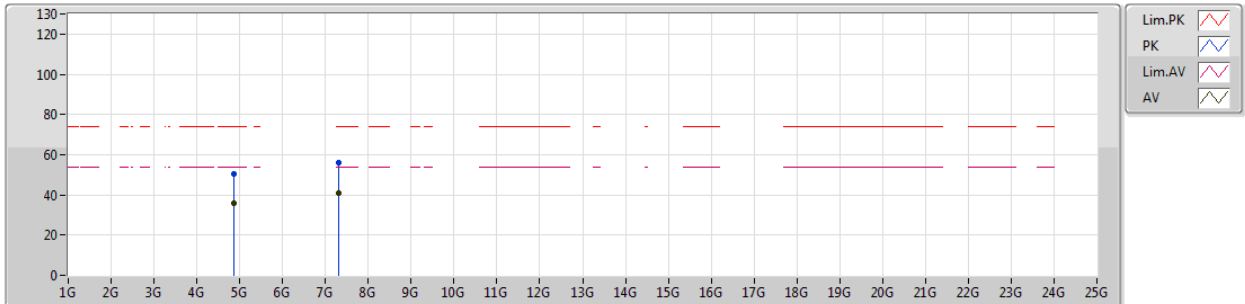
EUT Y_2TX
Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
PK	4.87226G	50.66	74.00	-23.34	4.19	3	Vertical	194	2.23	-							
AV	4.87472G	37.65	54.00	-16.35	4.21	3	Vertical	194	2.23	-							
PK	7.31526G	53.08	74.00	-20.92	9.76	3	Vertical	189	1.16	-							
AV	7.31526G	39.18	54.00	-14.82	9.76	3	Vertical	189	1.16	-							

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2437MHz_TX



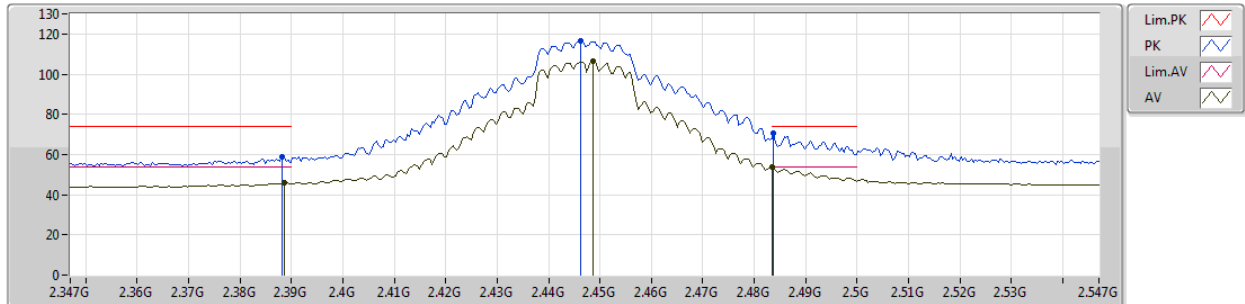
EUT Y_2TX
Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.87226G	50.44	74.00	-23.56	4.19	3	Horizontal	142	1.59	-
AV	4.8746G	36.09	54.00	-17.91	4.21	3	Horizontal	142	1.59	-
PK	7.31412G	55.91	74.00	-18.09	9.75	3	Horizontal	157	1.76	-
AV	7.3113G	41.17	54.00	-12.83	9.75	3	Horizontal	157	1.76	-

802.11n HT20_Nss1,(MCS0)_2TX

2447MHz_TX

29/10/2018



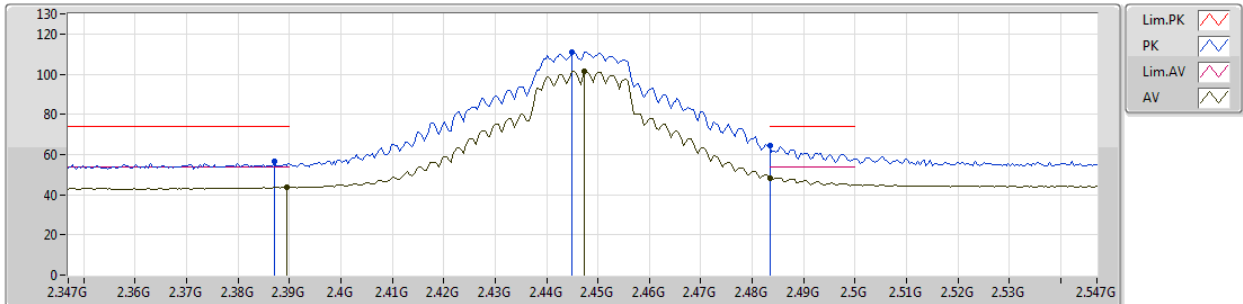
EUT Y_2TX
Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3882G	58.62	74.00	-15.38	30.97	3	Vertical	112	2.08	-
AV	2.3886G	45.72	54.00	-8.28	30.97	3	Vertical	112	2.08	-
PK	2.4462G	116.66	Inf	-Inf	31.06	3	Vertical	112	2.08	-
AV	2.4486G	106.58	Inf	-Inf	31.07	3	Vertical	112	2.08	-
PK	2.4838G	70.55	74.00	-3.45	31.17	3	Vertical	112	2.08	-
AV	2.4835G	53.58	54.00	-0.42	31.17	3	Vertical	112	2.08	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2447MHz_TX



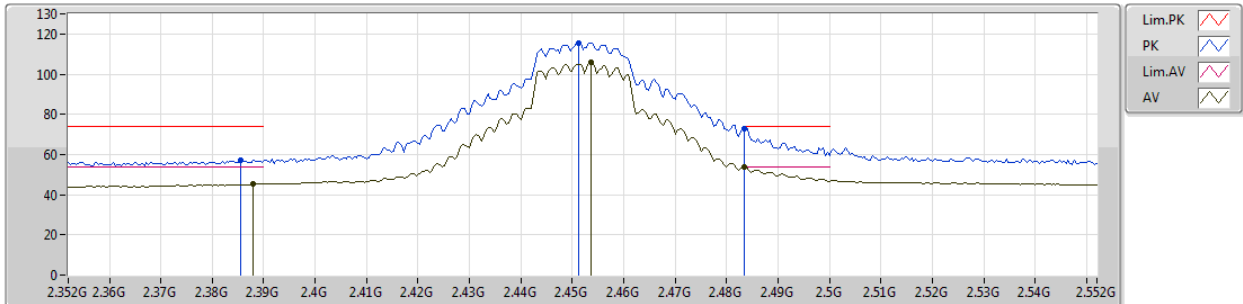
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Setting 24
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.387G	56.41	74.00	-17.59	30.97	3	Horizontal	207	1.01	-
AV	2.3894G	43.63	54.00	-10.37	30.97	3	Horizontal	207	1.01	-
PK	2.445G	111.21	Inf	-Inf	31.06	3	Horizontal	207	1.01	-
AV	2.4474G	101.38	Inf	-Inf	31.07	3	Horizontal	207	1.01	-
PK	2.4835G	64.30	74.00	-9.70	31.17	3	Horizontal	207	1.01	-
AV	2.4835G	48.42	54.00	-5.58	31.17	3	Horizontal	207	1.01	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2452MHz_TX



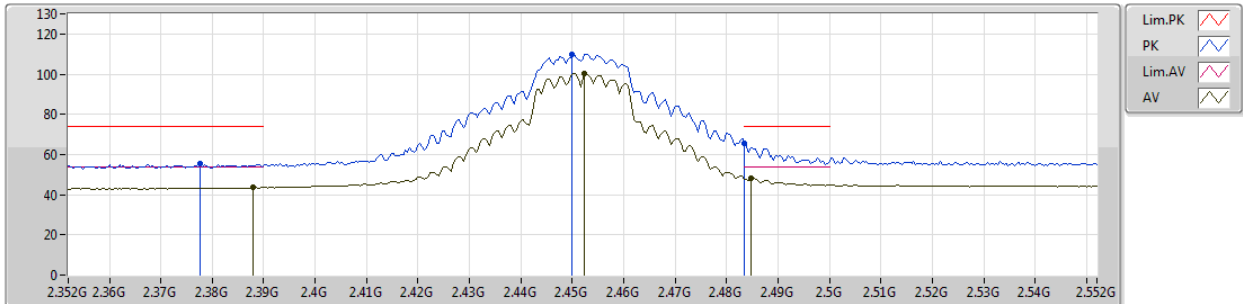
EUT Y_2TX
Setting 21
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3856G	57.18	74.00	-16.82	30.97	3	Vertical	112	2.07	-
AV	2.388G	45.25	54.00	-8.75	30.97	3	Vertical	112	2.07	-
PK	2.4512G	115.66	Inf	-Inf	31.08	3	Vertical	112	2.07	-
AV	2.4536G	105.75	Inf	-Inf	31.09	3	Vertical	112	2.07	-
PK	2.4835G	73.04	74.00	-0.96	31.17	3	Vertical	112	2.07	-
AV	2.4835G	53.86	54.00	-0.14	31.17	3	Vertical	112	2.07	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2452MHz_TX



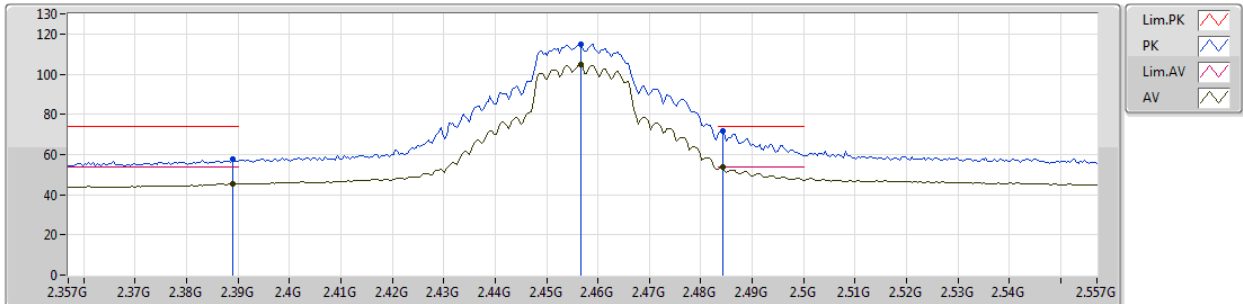
EUT Y_2TX
Setting 21
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3776G	55.31	74.00	-18.69	30.99	3	Horizontal	206	1.01	-
AV	2.388G	43.61	54.00	-10.39	30.97	3	Horizontal	206	1.01	-
PK	2.45G	110.06	Inf	-Inf	31.08	3	Horizontal	206	1.01	-
AV	2.4524G	100.30	Inf	-Inf	31.08	3	Horizontal	206	1.01	-
PK	2.4835G	65.72	74.00	-8.28	31.17	3	Horizontal	206	1.01	-
AV	2.4848G	48.04	54.00	-5.96	31.17	3	Horizontal	206	1.01	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2457MHz_TX



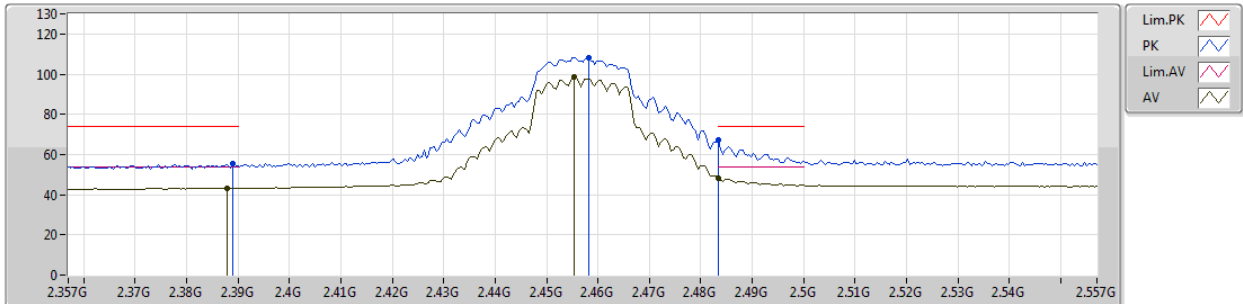
EUT Y_2TX
Setting 1F
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389G	57.98	74.00	-16.02	30.97	3	Vertical	126	1.50	-
AV	2.389G	45.41	54.00	-8.59	30.97	3	Vertical	126	1.50	-
PK	2.4566G	114.90	Inf	-Inf	31.10	3	Vertical	126	1.50	-
AV	2.4566G	104.95	Inf	-Inf	31.10	3	Vertical	126	1.50	-
PK	2.4842G	71.89	74.00	-2.11	31.17	3	Vertical	126	1.50	-
AV	2.4842G	53.77	54.00	-0.23	31.17	3	Vertical	126	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2457MHz_TX



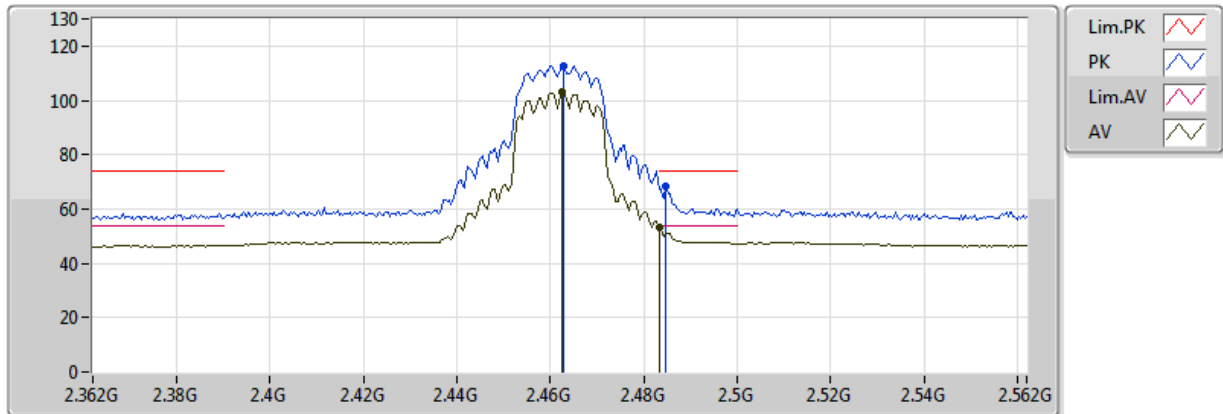
EUT Y_2TX
Setting 1F
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389G	55.29	74.00	-18.71	30.97	3	Horizontal	192	1.04	-
AV	2.3878G	43.20	54.00	-10.80	30.97	3	Horizontal	192	1.04	-
PK	2.4582G	108.18	Inf	-Inf	31.10	3	Horizontal	192	1.04	-
AV	2.4554G	98.59	Inf	-Inf	31.09	3	Horizontal	192	1.04	-
PK	2.4835G	67.02	74.00	-6.98	31.17	3	Horizontal	192	1.04	-
AV	2.4835G	48.45	54.00	-5.55	31.17	3	Horizontal	192	1.04	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/10/2018



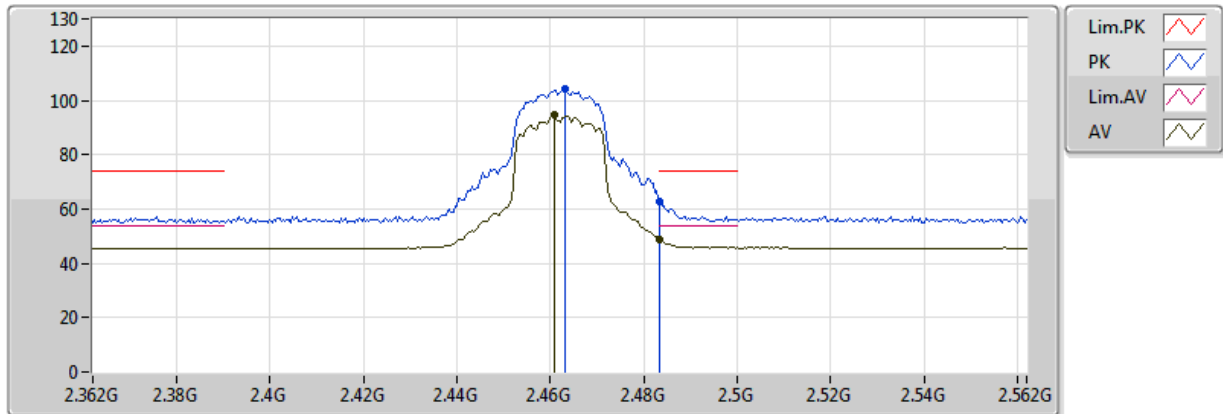
EUT Y_2TX
Setting 17
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4628G	112.66	Inf	-Inf	32.70	3	Vertical	358	1.94	-
AV	2.4624G	103.16	Inf	-Inf	32.70	3	Vertical	358	1.94	-
PK	2.4848G	68.09	74.00	-5.91	32.69	3	Vertical	358	1.94	-
AV	2.483502G	53.06	54.00	-0.94	32.69	3	Vertical	358	1.94	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/10/2018



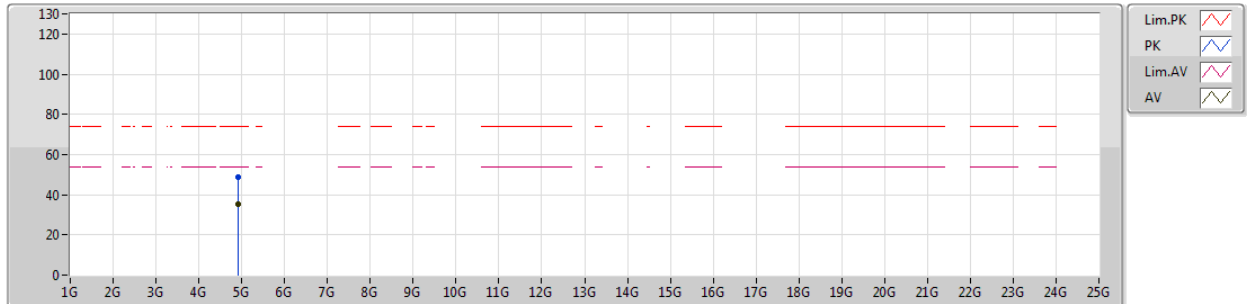
EUT Y_2TX
Setting 17
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4632G	104.13	Inf	-Inf	32.70	3	Horizontal	203	1.92	-
AV	2.4608G	94.49	Inf	-Inf	32.70	3	Horizontal	203	1.92	-
PK	2.483502G	62.95	74.00	-11.05	32.69	3	Horizontal	203	1.92	-
AV	2.483502G	48.91	54.00	-5.09	32.69	3	Horizontal	203	1.92	-

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2462MHz_TX



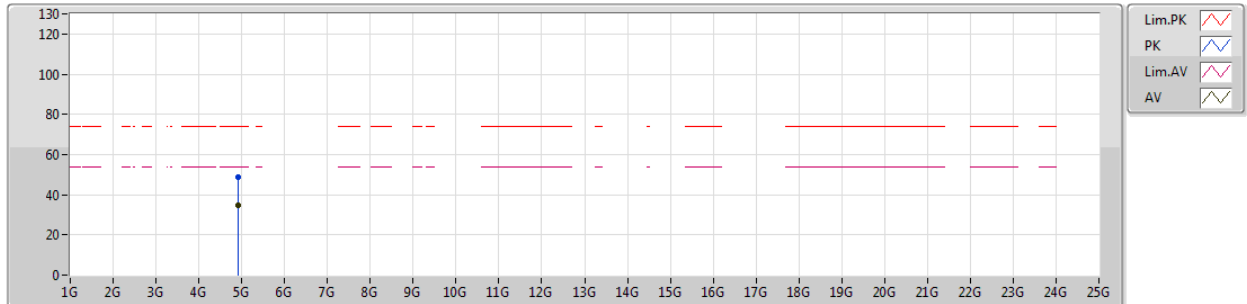
EUT Y_2TX
Setting 17
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.92436G	48.67	74.00	-25.33	4.40	3	Vertical	184	1.17	-						
AV	4.92214G	35.14	54.00	-18.86	4.40	3	Vertical	184	1.17	-						

802.11n HT20_Nss1,(MCS0)_2TX

29/10/2018

2462MHz_TX



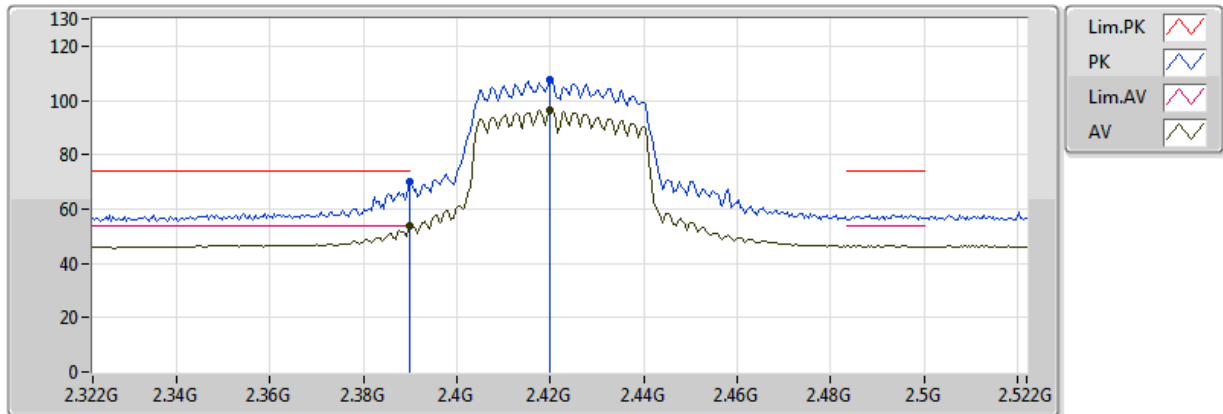
EUT Y_2TX
Setting 17
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.92232G	48.59	74.00	-25.41	4.40	3	Horizontal	145	1.56	-						
AV	4.92172G	34.88	54.00	-19.12	4.39	3	Horizontal	145	1.56	-						

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/10/2018



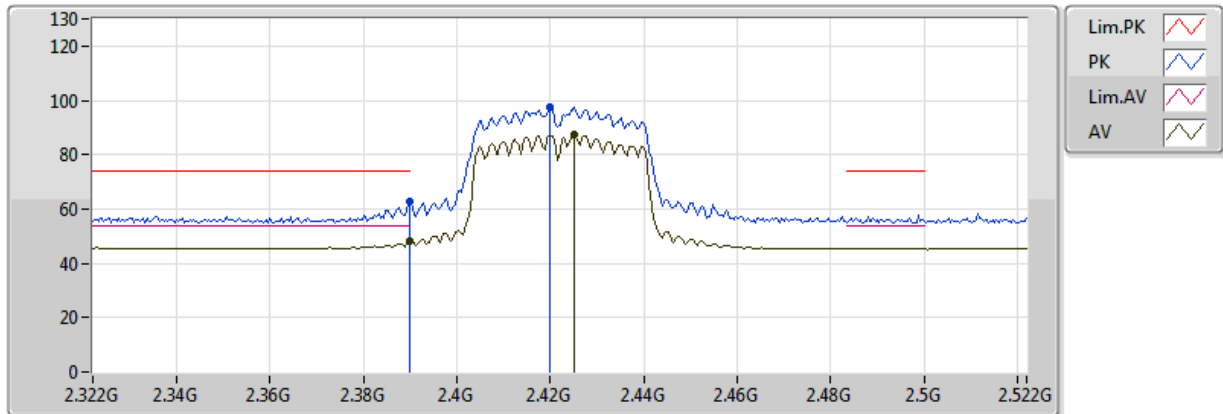
EUT Y_2TX
Setting 11
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389998G	69.95	74.00	-4.05	32.75	3	Vertical	1	1.98	-
AV	2.389998G	53.58	54.00	-0.42	32.75	3	Vertical	1	1.98	-
PK	2.42G	107.61	Inf	-Inf	32.71	3	Vertical	1	1.98	-
AV	2.42G	96.43	Inf	-Inf	32.71	3	Vertical	1	1.98	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/10/2018



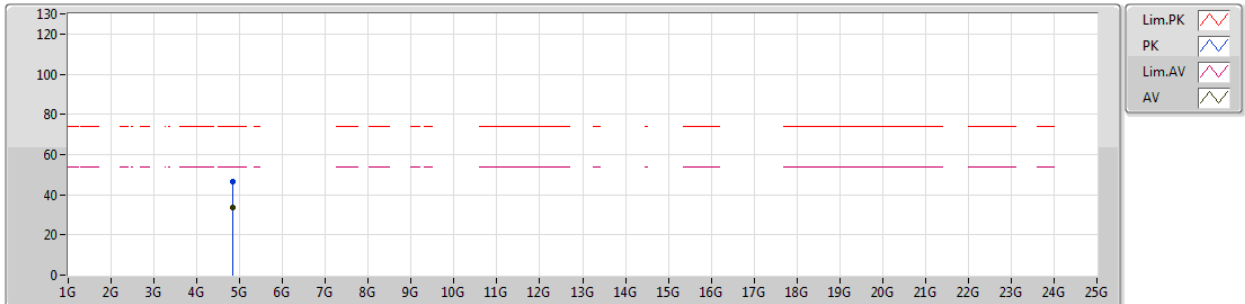
EUT Y_2TX
Setting 11
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389998G	62.87	74.00	-11.13	32.75	3	Horizontal	201	1.50	-
AV	2.389998G	48.20	54.00	-5.80	32.75	3	Horizontal	201	1.50	-
PK	2.42G	97.51	Inf	-Inf	32.71	3	Horizontal	201	1.50	-
AV	2.4252G	87.45	Inf	-Inf	32.71	3	Horizontal	201	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2422MHz_TX



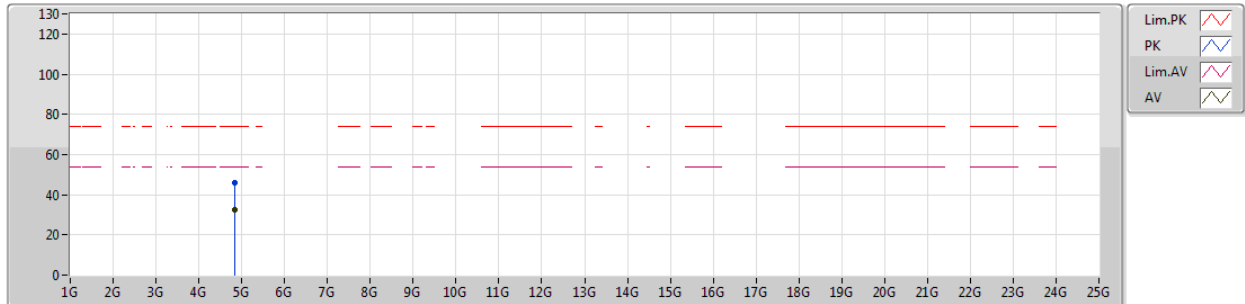
EUT Y_2TX
Setting 11
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.84418G	46.63	74.00	-27.37	4.08	3	Vertical	194	2.23	-						
AV	4.84436G	33.54	54.00	-20.46	4.08	3	Vertical	194	2.23	-						

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2422MHz_TX



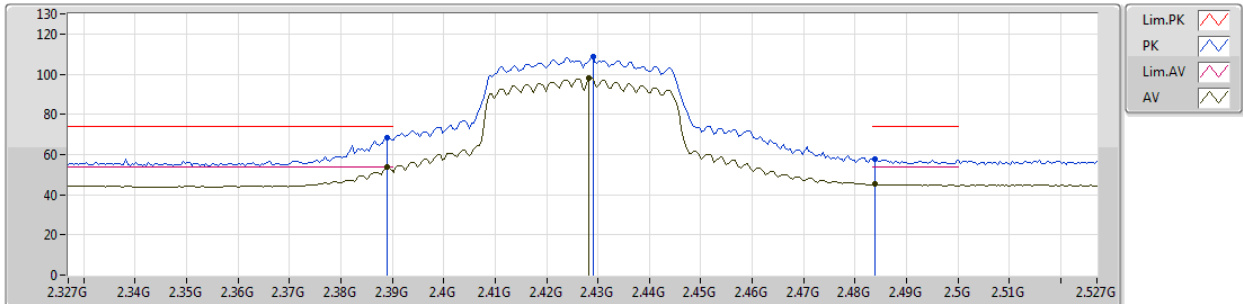
EUT Y_2TX
Setting 11
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.83662G	45.97	74.00	-28.03	4.05	3	Horizontal	145	1.33	-
AV	4.84418G	32.72	54.00	-21.28	4.08	3	Horizontal	145	1.33	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2427MHz_TX



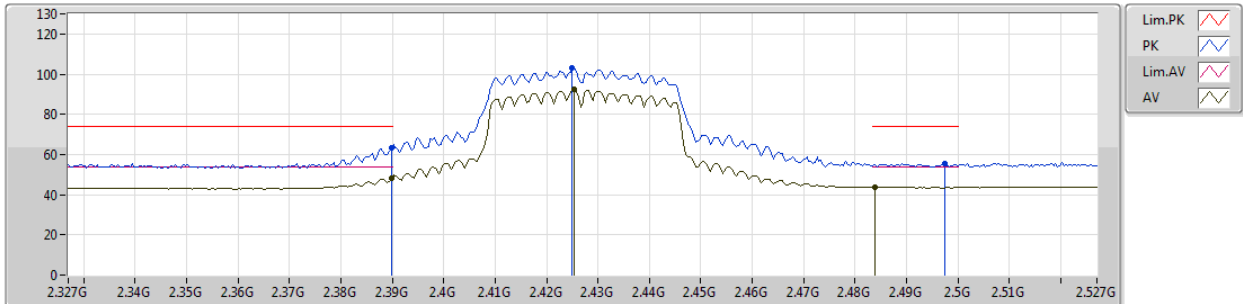
EUT Y_2TX
Setting 14
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389G	68.49	74.00	-5.51	30.97	3	Vertical	107	2.26	-
AV	2.389G	53.76	54.00	-0.24	30.97	3	Vertical	107	2.26	-
PK	2.429G	108.43	Inf	-Inf	31.02	3	Vertical	107	2.26	-
AV	2.4282G	97.88	Inf	-Inf	31.01	3	Vertical	107	2.26	-
PK	2.4838G	57.81	74.00	-16.19	31.17	3	Vertical	107	2.26	-
AV	2.4838G	45.19	54.00	-8.81	31.17	3	Vertical	107	2.26	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2427MHz_TX



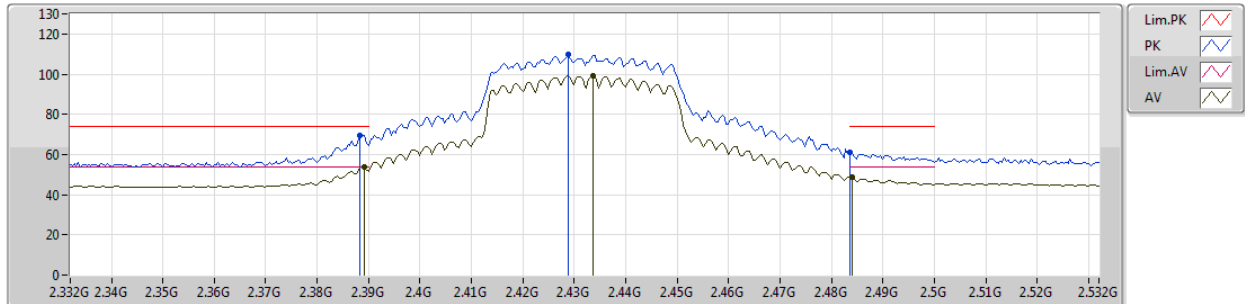
EUT Y_2TX
Setting 14
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3898G	63.09	74.00	-10.91	30.97	3	Horizontal	205	1.02	-
AV	2.3898G	48.41	54.00	-5.59	30.97	3	Horizontal	205	1.02	-
PK	2.425G	103.16	Inf	-Inf	31.00	3	Horizontal	205	1.02	-
AV	2.4254G	92.40	Inf	-Inf	31.00	3	Horizontal	205	1.02	-
PK	2.4974G	55.43	74.00	-18.57	31.21	3	Horizontal	205	1.02	-
AV	2.4838G	43.80	54.00	-10.20	31.17	3	Horizontal	205	1.02	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2432MHz_TX



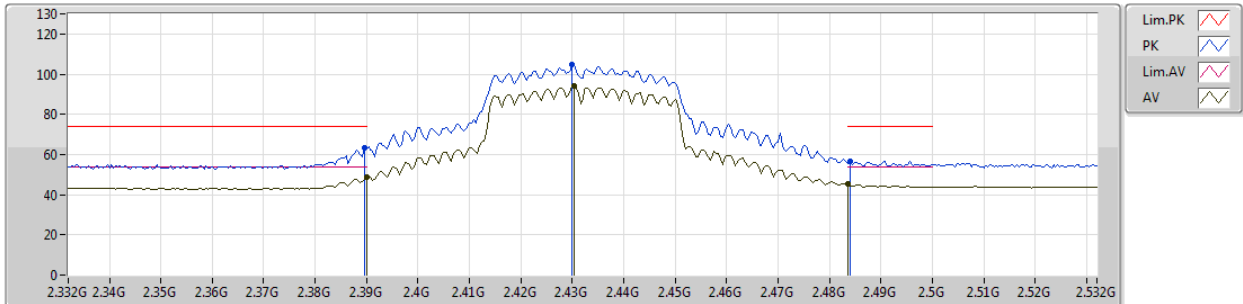
EUT Y_2TX
Setting 18
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3884G	69.51	74.00	-4.49	30.97	3	Vertical	104	1.45	-
AV	2.3892G	53.89	54.00	-0.11	30.97	3	Vertical	104	1.45	-
PK	2.4288G	109.59	Inf	-Inf	31.02	3	Vertical	104	1.45	-
AV	2.4336G	99.19	Inf	-Inf	31.03	3	Vertical	104	1.45	-
PK	2.4835G	61.08	74.00	-12.92	31.17	3	Vertical	104	1.45	-
AV	2.484G	48.58	54.00	-5.42	31.17	3	Vertical	104	1.45	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2432MHz_TX



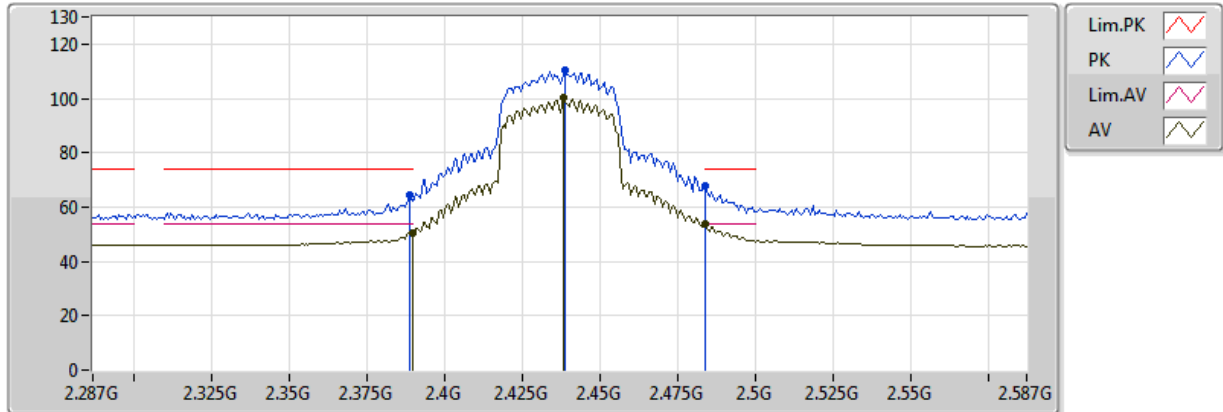
EUT Y_2TX
Setting 18
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3896G	63.10	74.00	-10.90	30.97	3	Horizontal	207	1.50	-
AV	2.39G	48.90	54.00	-5.10	30.97	3	Horizontal	207	1.50	-
PK	2.43G	104.96	Inf	-Inf	31.01	3	Horizontal	207	1.50	-
AV	2.4304G	94.15	Inf	-Inf	31.01	3	Horizontal	207	1.50	-
PK	2.484G	56.40	74.00	-17.60	31.17	3	Horizontal	207	1.50	-
AV	2.4835G	45.13	54.00	-8.87	31.17	3	Horizontal	207	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/10/2018



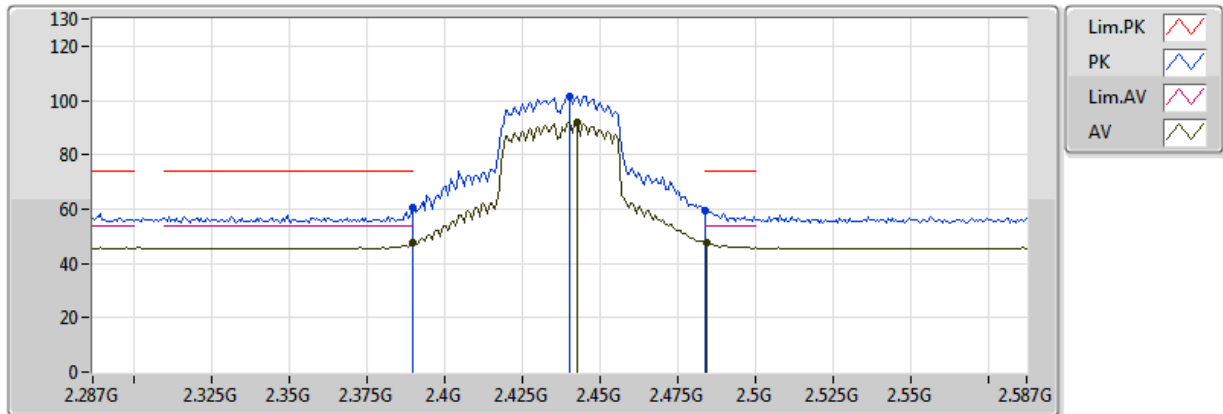
EUT Y_2TX
Setting 1A
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389G	64.36	74.00	-9.64	32.76	3	Vertical	276	1.50	-
AV	2.389998G	50.55	54.00	-3.45	32.75	3	Vertical	276	1.50	-
PK	2.4388G	110.16	Inf	-Inf	32.71	3	Vertical	276	1.50	-
AV	2.4382G	100.11	Inf	-Inf	32.71	3	Vertical	276	1.50	-
PK	2.483502G	67.76	74.00	-6.24	32.69	3	Vertical	276	1.50	-
AV	2.483502G	53.66	54.00	-0.34	32.69	3	Vertical	276	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/10/2018



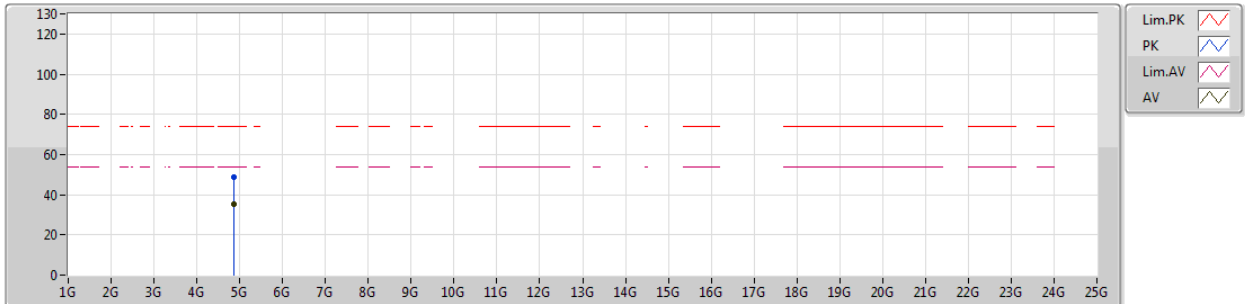
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Setting 1A
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389998G	60.31	74.00	-13.69	32.75	3	Horizontal	201	1.49	-
AV	2.389998G	47.62	54.00	-6.38	32.75	3	Horizontal	201	1.49	-
PK	2.44G	101.48	Inf	-Inf	32.71	3	Horizontal	201	1.49	-
AV	2.4424G	92.06	Inf	-Inf	32.71	3	Horizontal	201	1.49	-
PK	2.4838G	59.54	74.00	-14.46	32.69	3	Horizontal	201	1.49	-
AV	2.4844G	47.46	54.00	-6.54	32.69	3	Horizontal	201	1.49	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2437MHz_TX



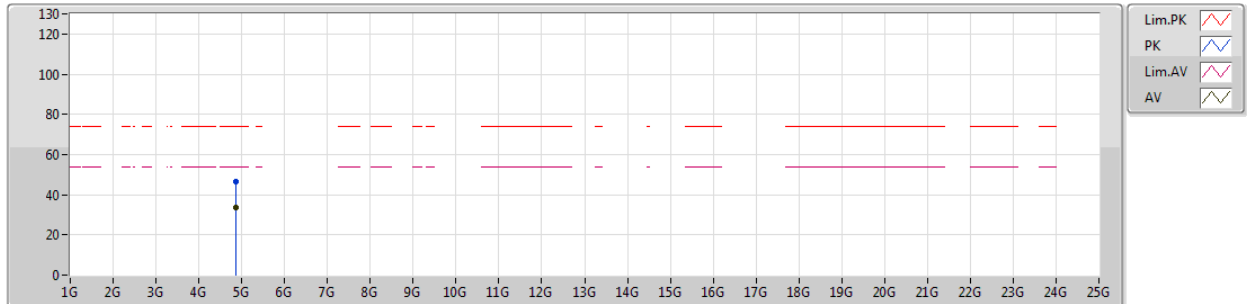
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Setting 1A
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.87436G	48.72	74.00	-25.28	4.21	3	Vertical	191	2.37	-						
AV	4.8743G	35.08	54.00	-18.92	4.21	3	Vertical	191	2.37	-						

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2437MHz_TX



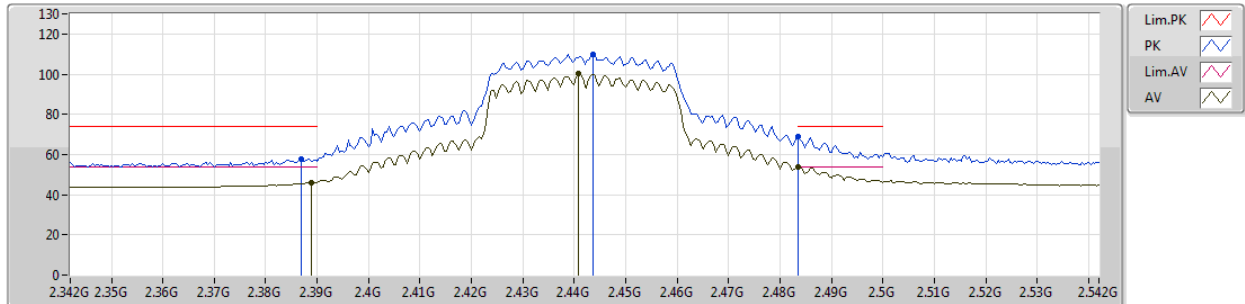
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Setting 1A
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.87676G	46.58	74.00	-27.42	4.21	3	Horizontal	144	1.87	-						
AV	4.8746G	33.85	54.00	-20.15	4.21	3	Horizontal	144	1.87	-						

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2442MHz_TX



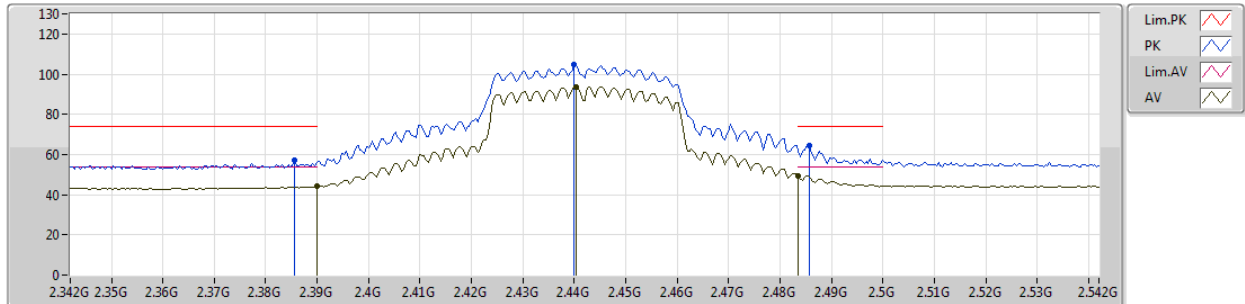
EUT Y_2TX
Setting 19
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3868G	57.82	74.00	-16.18	30.97	3	Vertical	110	1.51	-
AV	2.3888G	46.06	54.00	-7.94	30.97	3	Vertical	110	1.51	-
PK	2.4436G	109.84	Inf	-Inf	31.05	3	Vertical	110	1.51	-
AV	2.4408G	100.08	Inf	-Inf	31.05	3	Vertical	110	1.51	-
PK	2.4836G	68.87	74.00	-5.13	31.17	3	Vertical	110	1.51	-
AV	2.4836G	53.95	54.00	-0.05	31.17	3	Vertical	110	1.51	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2442MHz_TX



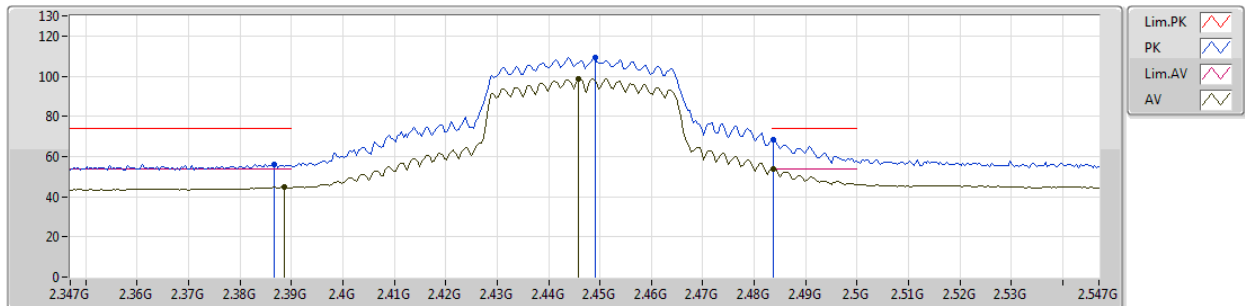
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Setting 19
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3856G	56.92	74.00	-17.08	30.97	3	Horizontal	206	1.03	-
AV	2.39G	44.19	54.00	-9.81	30.97	3	Horizontal	206	1.03	-
PK	2.44G	104.85	Inf	-Inf	31.05	3	Horizontal	206	1.03	-
AV	2.4404G	93.80	Inf	-Inf	31.05	3	Horizontal	206	1.03	-
PK	2.4856G	64.70	74.00	-9.30	31.18	3	Horizontal	206	1.03	-
AV	2.4835G	49.19	54.00	-4.81	31.17	3	Horizontal	206	1.03	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

29/10/2018



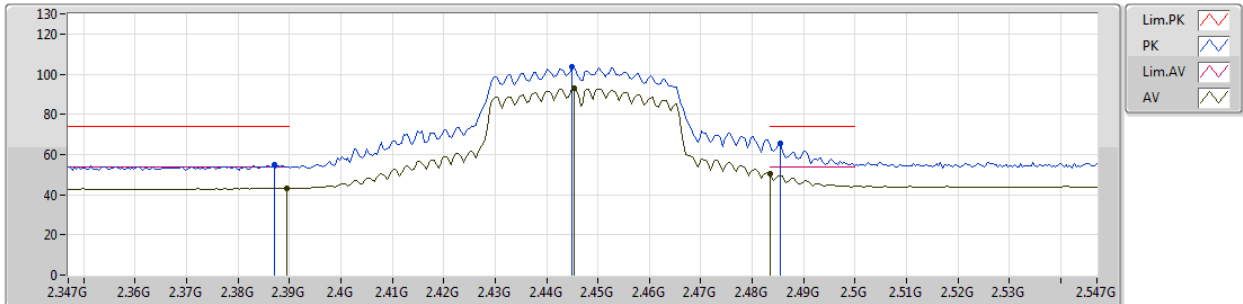
EUT Y_2TX
Setting 17
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3866G	56.24	74.00	-17.76	30.97	3	Vertical	113	1.69	-
AV	2.3886G	44.82	54.00	-9.18	30.97	3	Vertical	113	1.69	-
PK	2.449G	109.43	Inf	-Inf	31.08	3	Vertical	113	1.69	-
AV	2.4458G	98.60	Inf	-Inf	31.06	3	Vertical	113	1.69	-
PK	2.4838G	68.33	74.00	-5.67	31.17	3	Vertical	113	1.69	-
AV	2.4838G	53.97	54.00	-0.03	31.17	3	Vertical	113	1.69	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2447MHz_TX



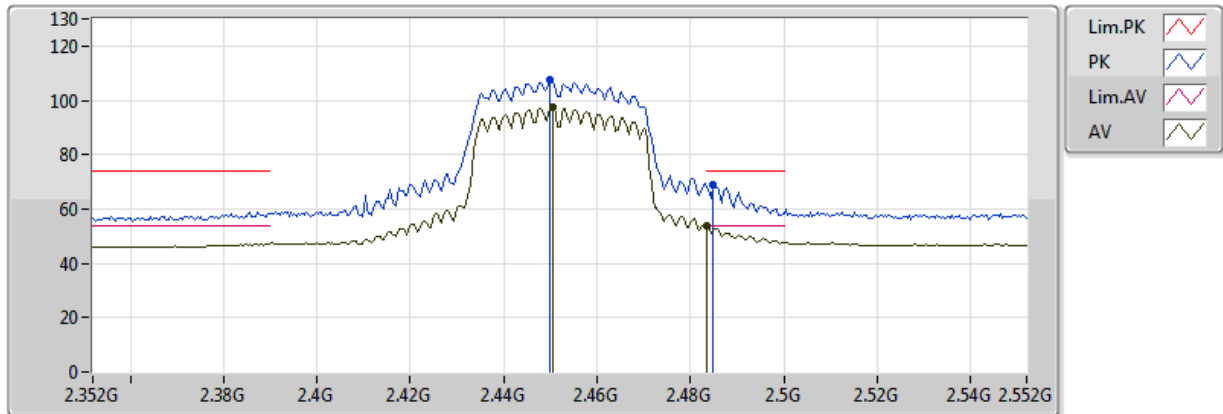
EUT Y_2TX
Setting 17
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.387G	54.71	74.00	-19.29	30.97	3	Horizontal	206	1.01	-
AV	2.3894G	43.27	54.00	-10.73	30.97	3	Horizontal	206	1.01	-
PK	2.445G	103.87	Inf	-Inf	31.06	3	Horizontal	206	1.01	-
AV	2.4454G	92.96	Inf	-Inf	31.06	3	Horizontal	206	1.01	-
PK	2.4854G	65.42	74.00	-8.58	31.18	3	Horizontal	206	1.01	-
AV	2.4835G	50.35	54.00	-3.65	31.17	3	Horizontal	206	1.01	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

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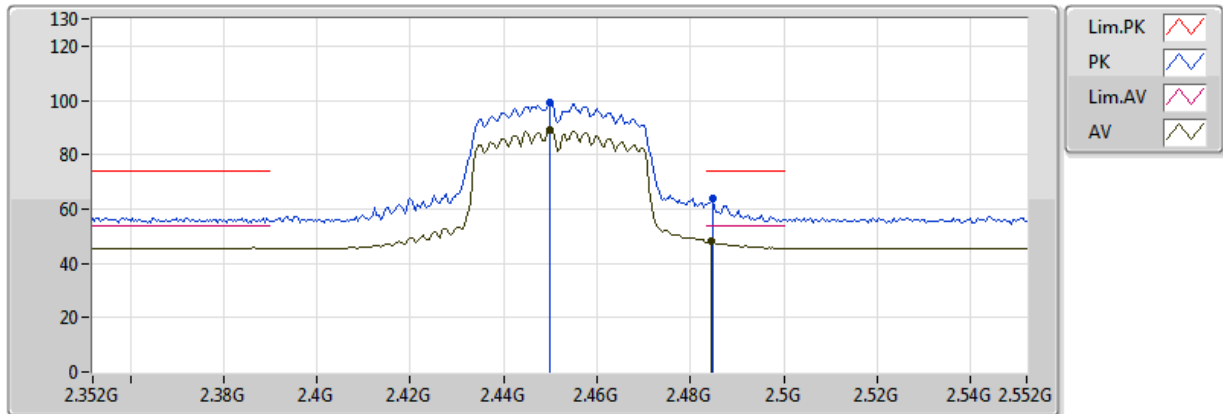
EUT Y_2TX
Setting 13
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.45G	107.86	Inf	-Inf	32.70	3	Vertical	166	1.94	-
AV	2.4504G	97.75	Inf	-Inf	32.70	3	Vertical	166	1.94	-
PK	2.4848G	69.19	74.00	-4.81	32.69	3	Vertical	166	1.94	-
AV	2.483502G	53.78	54.00	-0.22	32.69	3	Vertical	166	1.94	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

26/10/2018



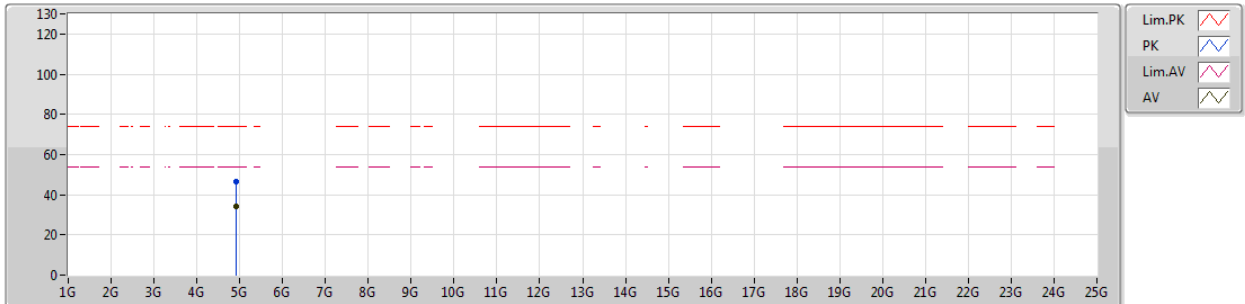
EUT Y_2TX
Setting 13
04-P-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.45G	99.01	Inf	-Inf	32.70	3	Horizontal	201	1.50	-
AV	2.45G	89.02	Inf	-Inf	32.70	3	Horizontal	201	1.50	-
PK	2.4848G	64.11	74.00	-9.89	32.69	3	Horizontal	201	1.50	-
AV	2.4844G	48.21	54.00	-5.79	32.69	3	Horizontal	201	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2452MHz_TX



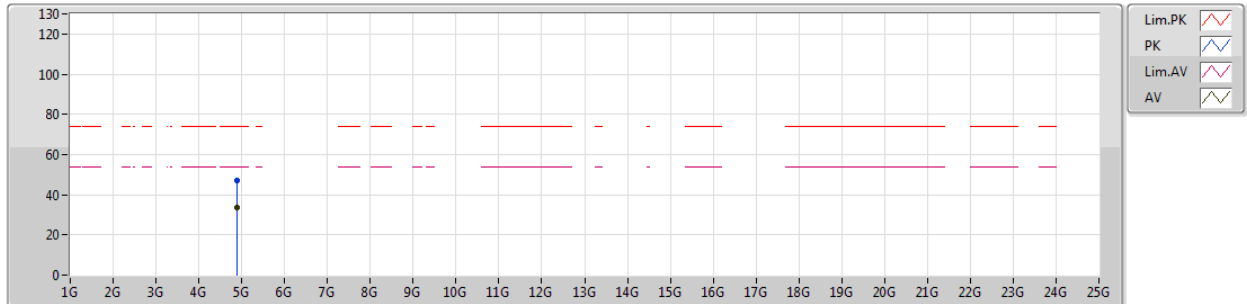
EUT Y_2TX
Setting 13
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.90548G	46.64	74.00	-27.36	4.33	3	Vertical	194	2.31	-						
AV	4.90716G	34.17	54.00	-19.83	4.34	3	Vertical	194	2.31	-						

802.11n HT40_Nss1,(MCS0)_2TX

29/10/2018

2452MHz_TX



EUT Y_2TX
Setting 13
01-J-5
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments						
PK	4.9034G	47.07	74.00	-26.93	4.33	3	Horizontal	143	1.50	-						
AV	4.90216G	33.41	54.00	-20.59	4.31	3	Horizontal	143	1.50	-						

