



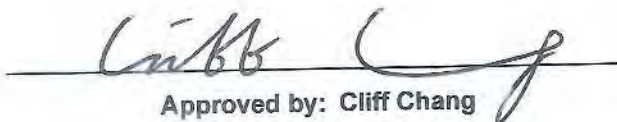
NCC RADIO TEST REPORT

Equipment : 802.11 a/b/g/n USB module
Brand Name : Extreme Networks
Model Name : KHUSB601
Applicant : 香港商極進網路有限公司台灣分公司
臺北市松山區復勢里南京東路 4 段 126 號 5 樓
Manufacturer : Extreme Networks, Inc.
6480 Via Del Oro, San Jose, CA 95119
Standard : LP0002 Section 3.10.1 (2018-01-10)

The product was received on Jun. 21, 2017, and testing was started from May 26, 2018 and completed on Jun. 05, 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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TEL : 886-3-656-9065
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Report Template No.: CB Ver1.0



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	3.10.1.4	Antenna Requirement	PASS	-
3.1	2.3	AC Power-line Conducted Emissions	PASS	-
3.2	3.10.1.6	DTS Bandwidth	PASS	-
3.3	3.10.1.2	Maximum Conducted Output Power	PASS	-
3.4	3.10.1.6	Power Spectral Density	PASS	-
3.5	3.10.1.5	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	3.10.1.5	Emissions in Restricted Frequency Bands	PASS	-

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	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.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		Loss of External Cable (dB)		True Gain (dBi)	
					2.4G	5G	2.4G	5G	2.4G	5G
1	MOTOROLA	ML-2452-HPAG5A8-01	Dipole	N male	5.00	8.00	1.00	1.65	4.00	6.35
2	MOTOROLA	ML-2452-APA2-01	Dipole	RP-SMA Male	3.17	4.60	1.00	1.65	2.17	2.95

Note: The EUT has two antennas.

Ant. 1 and Ant. 2 are the same type of antenna. Only the highest gain antenna 1 was selected to test and record in this report.

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

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

Ant. 1 (Port 1) and Ant. 2 (Port 2) could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.999	0.004	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.991	0.039	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.991	0.039	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40	0.985	0.066	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	artgui.exe			



1.2 Testing Applied Standards

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

- ◆ NCC LP0002 (2018-01-10)
- ◆ ANSI C63.10-2013
- ◆ FCC KDB 558074 D01 v04
- ◆ FCC KDB 662911 D01 v02r01
- ◆ FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location				
☐	HWA YA	ADD : No. 52, 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	25°C / 51%	May 30, 2018~Jun. 01, 2018
Radiated	03CH01-CB	Paul Chen & Gino Huang & RJ Huang & Welson Chen & Nyle Chang	22°C / 54%	May 26, 2018~Jun. 04, 2018
AC Conduction	CO02-CB	Wei Li	25°C / 59%	Jun. 05, 2018

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74 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	16
2437MHz	19.5
2462MHz	13.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	12
2437MHz	21
2462MHz	8.5
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	11.5
2437MHz	21.5
2462MHz	8
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	8
2437MHz	10.5
2452MHz	7
802.11n HT20_Nss2,(MCS8)_2TX	-
2412MHz	11
2437MHz	20.5
2462MHz	8
802.11n HT40_Nss2,(MCS8)_2TX	-
2422MHz	8.5
2437MHz	10.5
2452MHz	7

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	Intentional - CTX
1	EUT + WLAN 2.4GHz + Ant. 1
2	EUT + WLAN 5GHz + Ant. 1
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode	Unintentional - CRX
1	EUT + WLAN 2.4GHz + Ant. 1
2	EUT + WLAN 5GHz + Ant. 1
For operating mode 2 is the worst case and it was record in this test report.	

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	Intentional - CTX
1	EUT in Z axis + WLAN 2.4GHz + Ant. 1
2	EUT in Z axis + WLAN 5GHz + Ant. 1
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode < 1GHz	Unintentional - CRX
1	EUT in Z axis + WLAN 2.4GHz + Ant. 1
2	EUT in Z axis + WLAN 5GHz + Ant. 1
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz Unintentional 1GHz~5th	Unintentional - CRX
1	EUT in Z axis + WLAN 2.4GHz + Ant. 1
2	EUT in Z axis + WLAN 5GHz Ant. 1
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz Intentional 1GHz~10th	Intentional - CTX
1	EUT in Z axis + Ant. 1

2.3 EUT Operation during Test

For CTX mode:

The EUT was programmed to be in continuously transmitting mode.

For CRX mode:

The EUT was programmed to be in continuously receiving mode.

2.4 Accessories

N/A



2.5 Support Equipment

For Test Site No: CO01-CB

For Intentional - CTX and Unintentional - CRX

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E6430	N/A
2	Earphone	e-Power	S90W	N/A
3	Mouse	Logitech	M-U0026	N/A

For Test Site No: 03CH01-CB

For Intentional - CTX & Unintentional - CRX & Unintentional 1GHz~5th - CRX

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	N/A
2	Earphone	SHYARO CHI	MIC-04	N/A
3	Mouse	Logitech	M-U0026	N/A

For Test Site No: 03CH01-CB

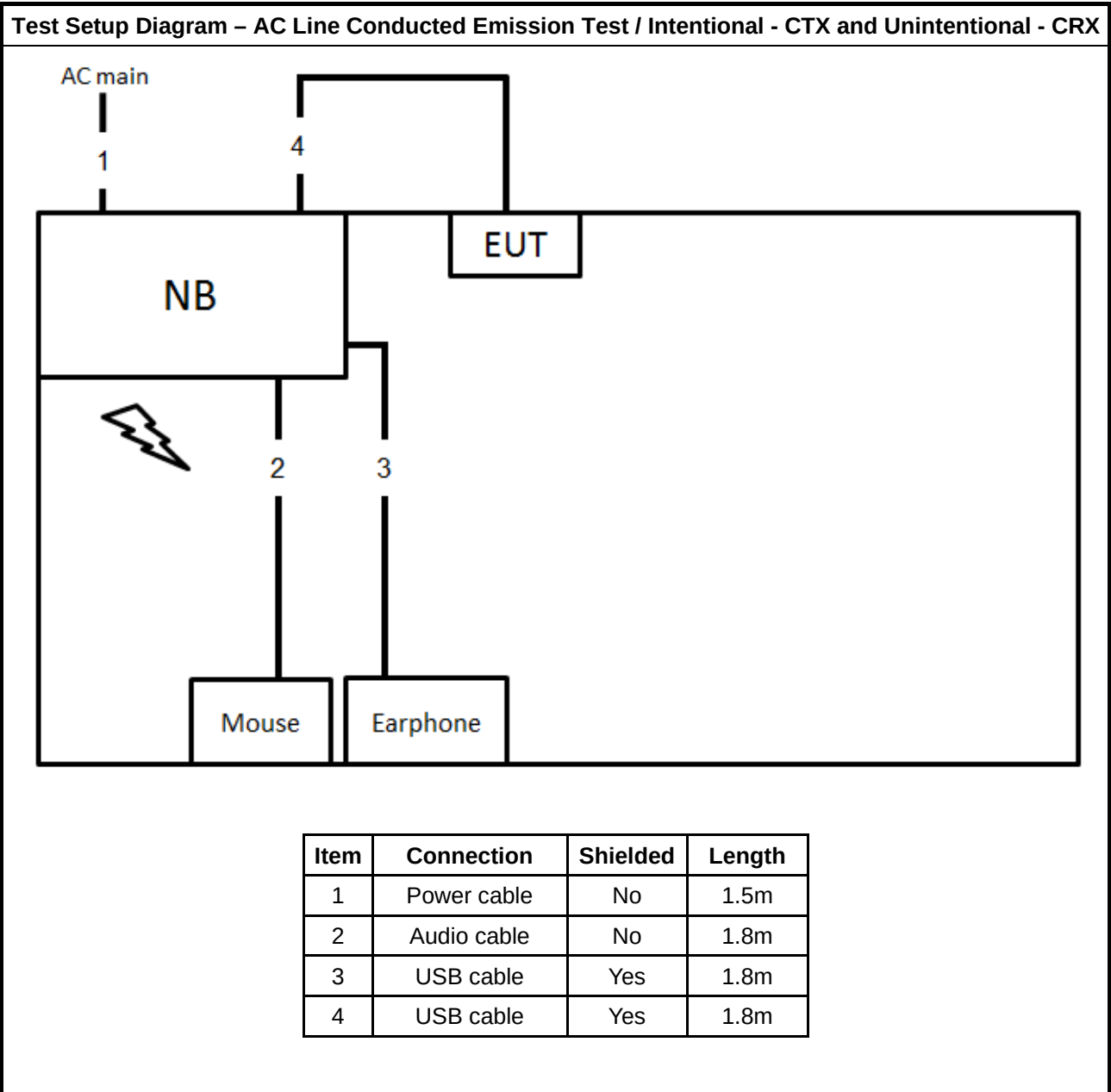
For Intentional 1GHz~10th - CTX

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	N/A

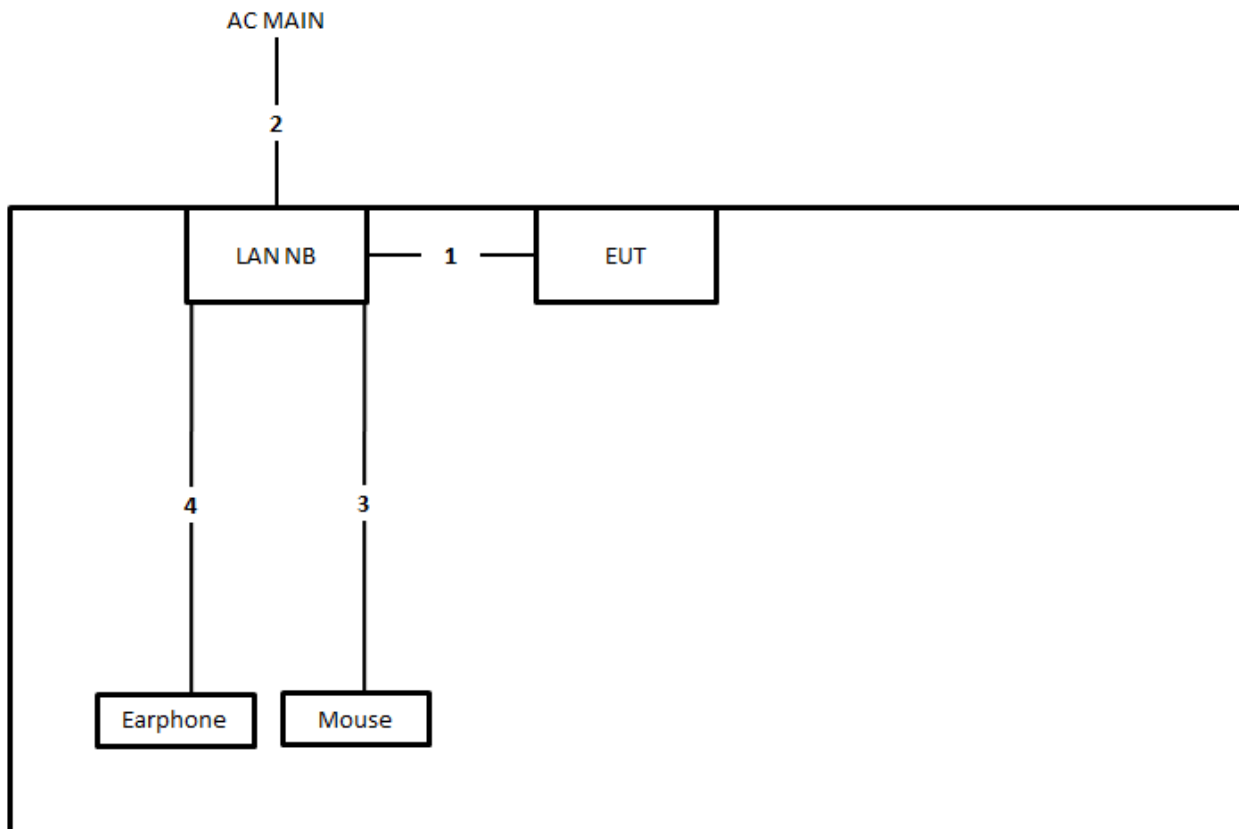
For Test Site No: TH01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	N/A

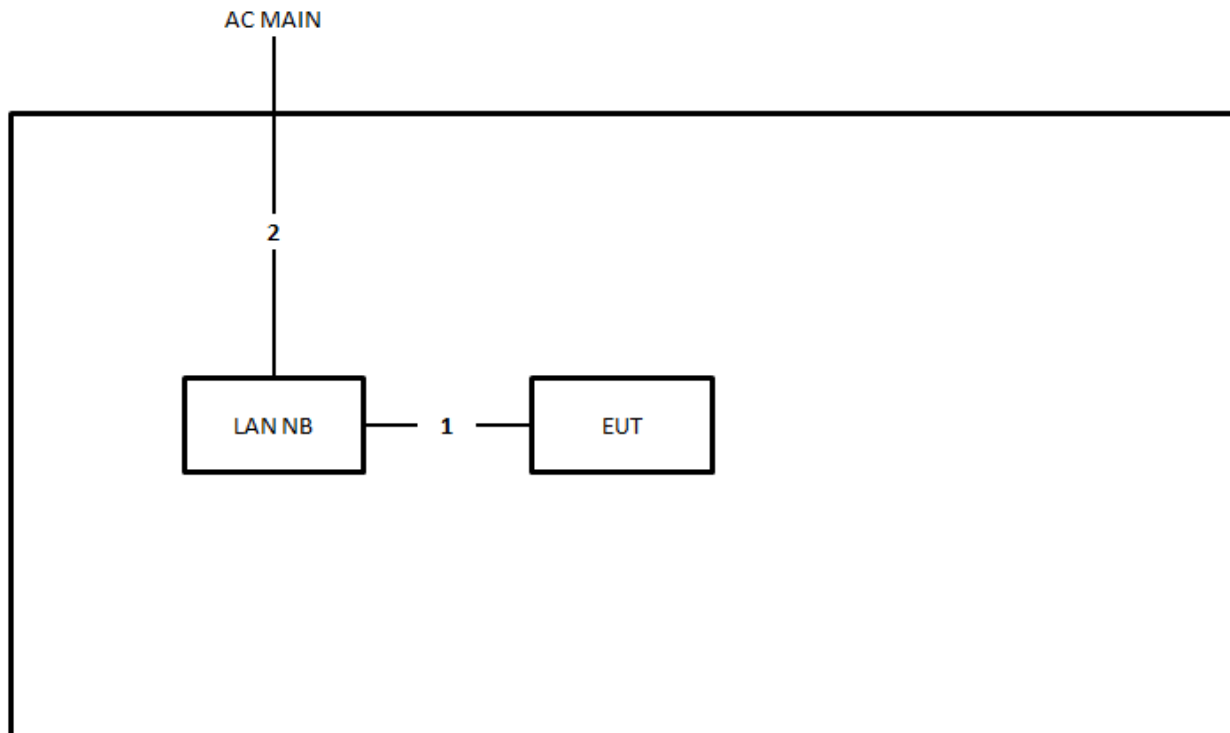
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test / For Intentional - CTX & Unintentional - CRX & Unintentional 1GHz~5th - CRX



Item	Connection	Shielded	Length
1	USB cable	Yes	1.8m
2	Power cable	No	2.6m
3	USB cable	Yes	1.8m
4	Audio cable	No	1.1m

Test Setup Diagram - Radiated Test / For Intentional 1GHz~10th - CTX


Item	Connection	Shielded	Length
1	USB cable	Yes	1.8m
2	Power cable	No	2.6m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

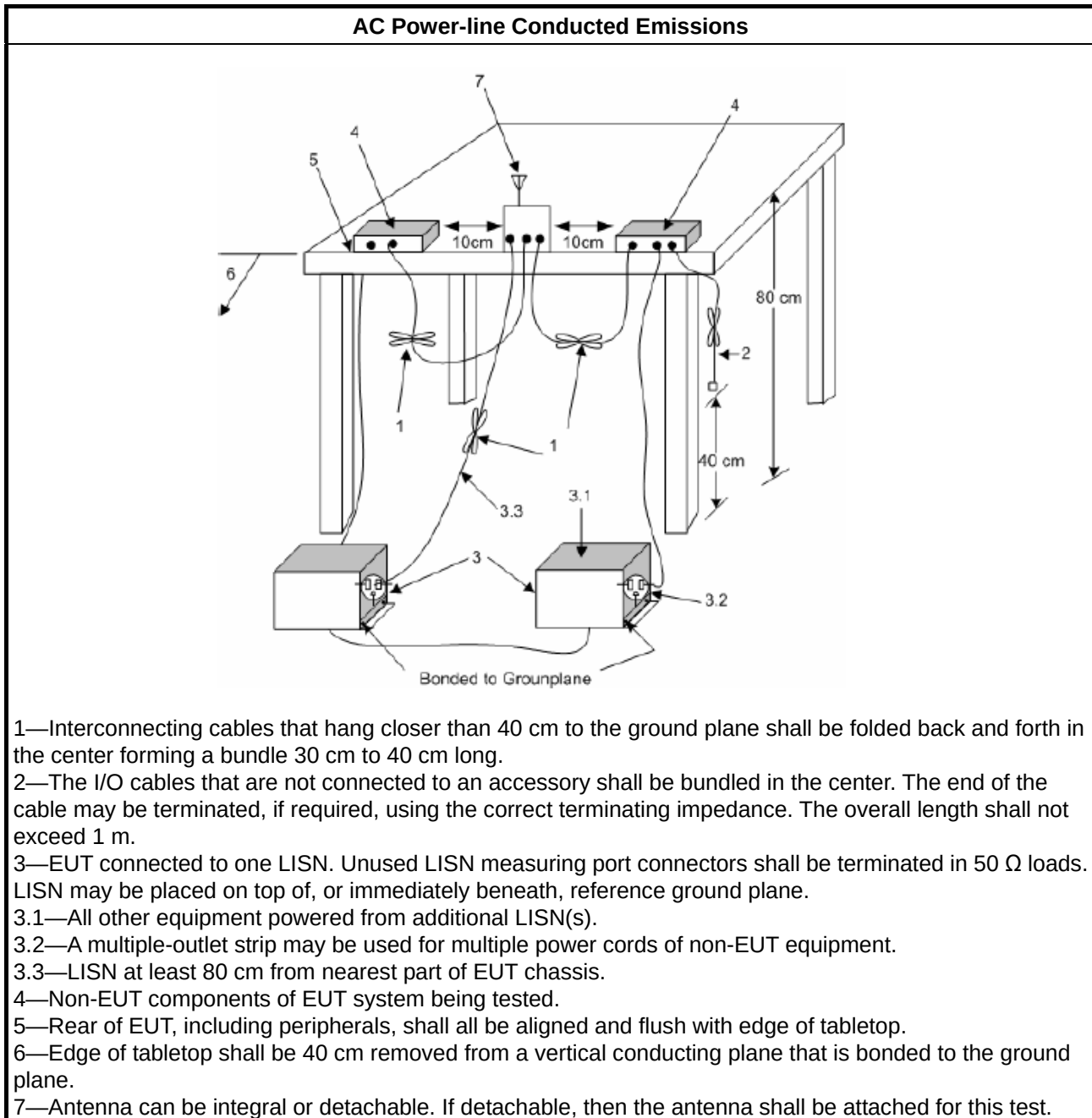
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

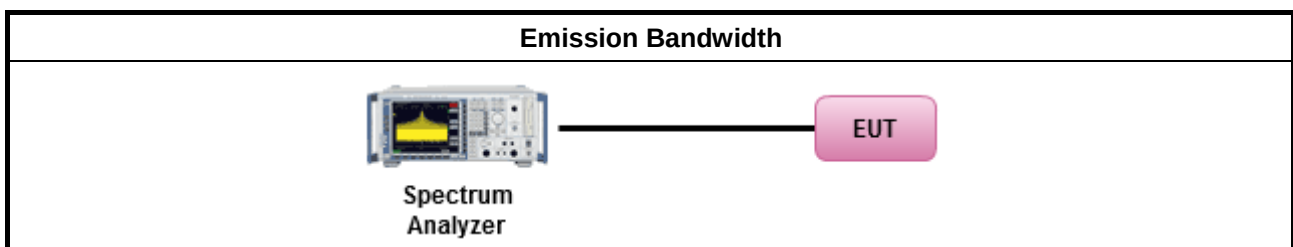
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as FCC KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
☐	Refer as FCC KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪ Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

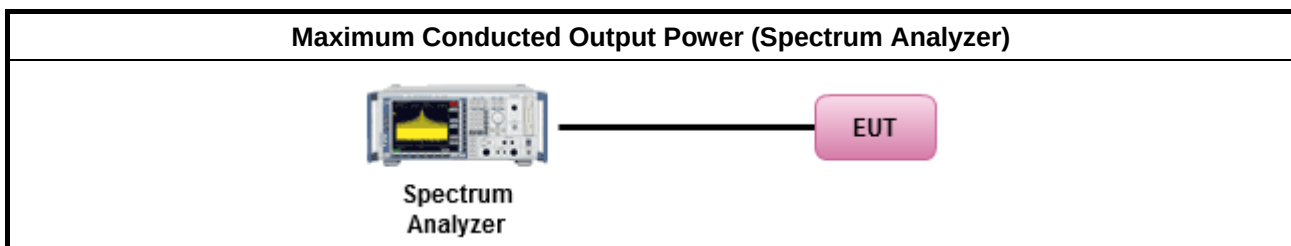
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 9.1.3 (peak power meter for VBW ≥ DTS BW)
Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
☐	Refer as FCC KDB 558074, clause 9.2.2.2 Method AVGSA-1 (spectral trace averaging).
☐	Refer as FCC KDB 558074, clause 9.2.2.3 Method AVGSA-1 Alt. (slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
☐	Refer as FCC KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
☐	Refer as FCC KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
	Measurement using a power meter (PM)
☒	Refer as FCC KDB 558074, clause 9.2.3 Method AVGPM (using an RF average power meter).
☐	Refer as FCC KDB 558074, clause 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

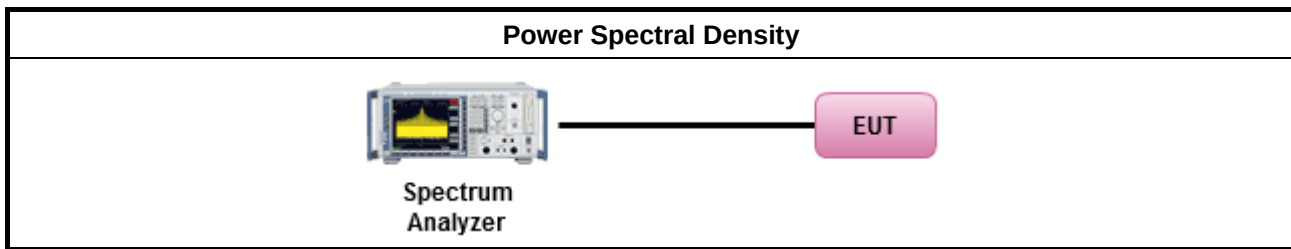
3.4.2 Measuring Instruments

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 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).
[duty cycle $\geq 98\%$ or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 10.3 Method AVGPS-1 (spectral trace averaging).
☐	Refer as FCC KDB 558074, clause 10.4 Method AVGPS-2 (slow sweep speed)
duty cycle $< 98\%$ and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 10.5 Method AVGPS-1 Alt (spectral trace averaging).
☐	Refer as FCC KDB 558074, clause 10.6 Method AVGPS-2 Alt. (slow sweep speed)
For conducted measurement.	
If The EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add $10 \log(N)$ dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with $10 \log(N)$. Or each transmit chains shall be add $10 \log(N)$ to compared with the limit.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

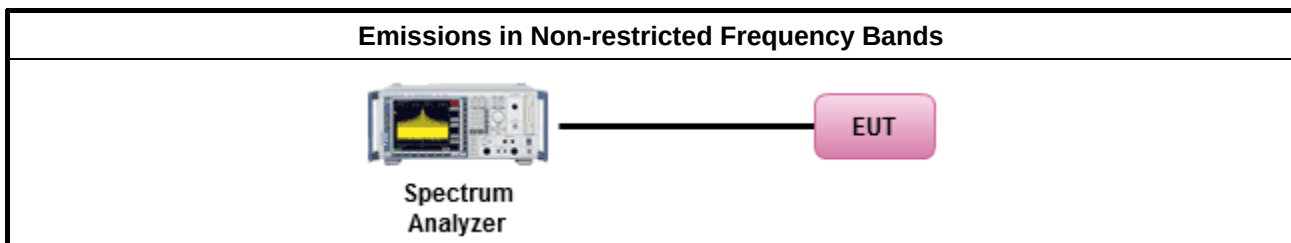
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

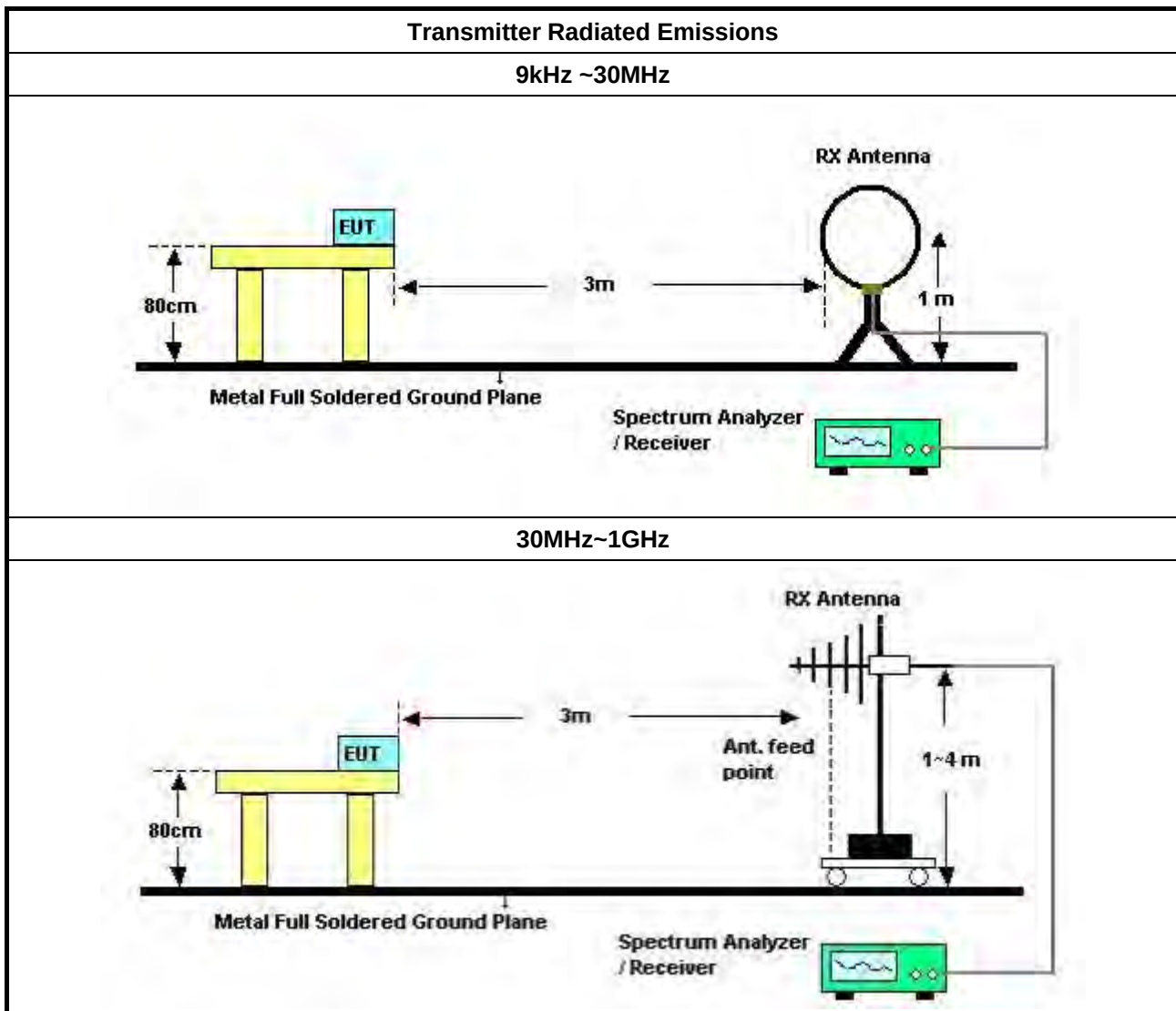
3.6.2 Measuring Instruments

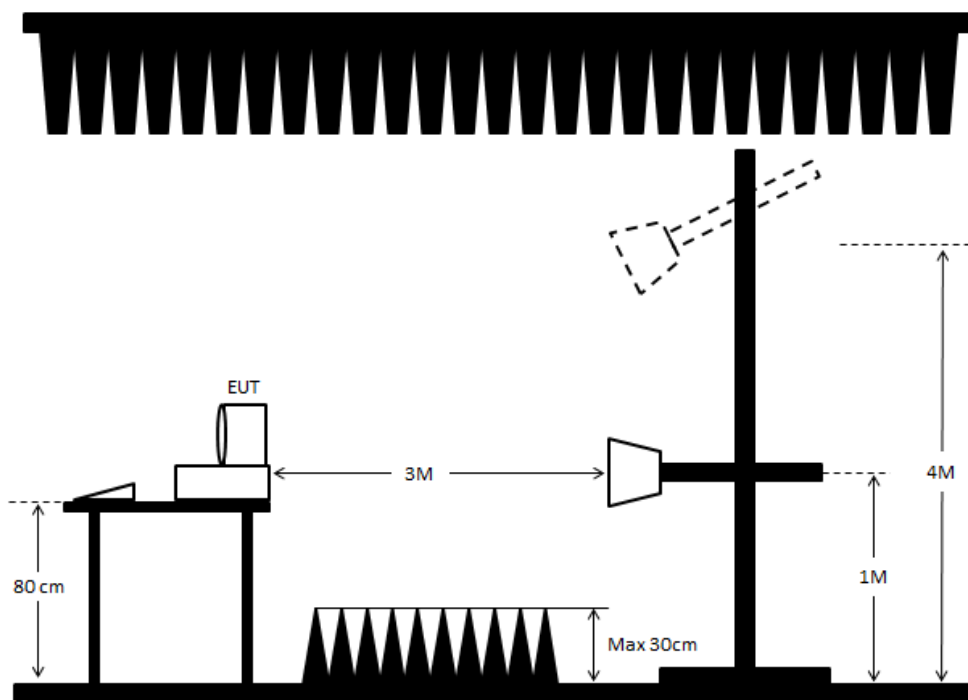
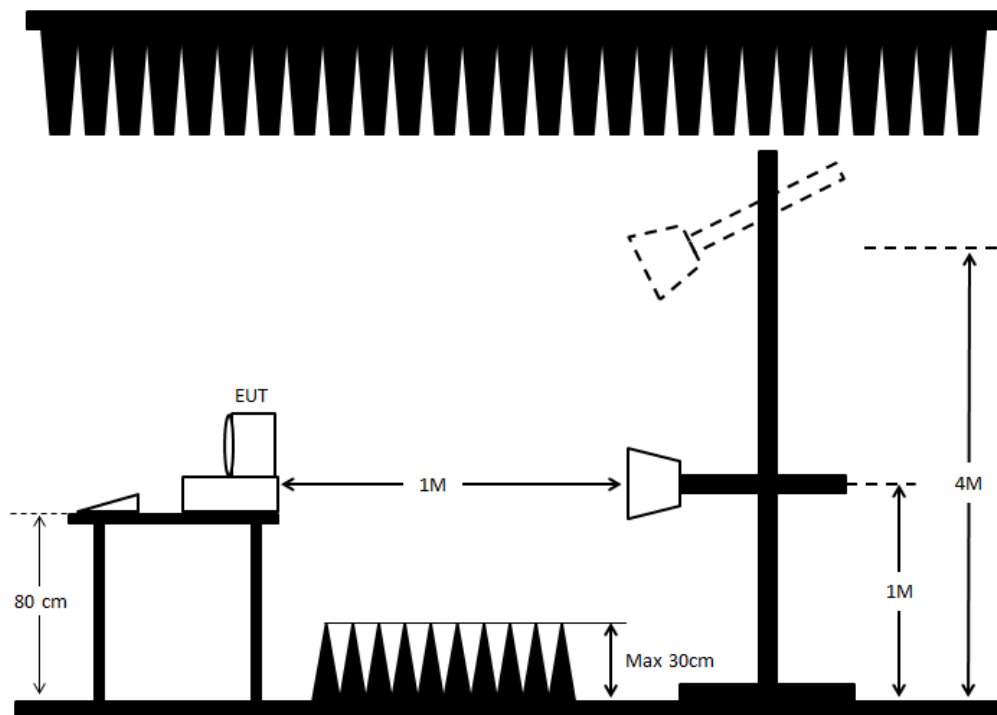
Refer a test equipment and calibration data table in this test report.

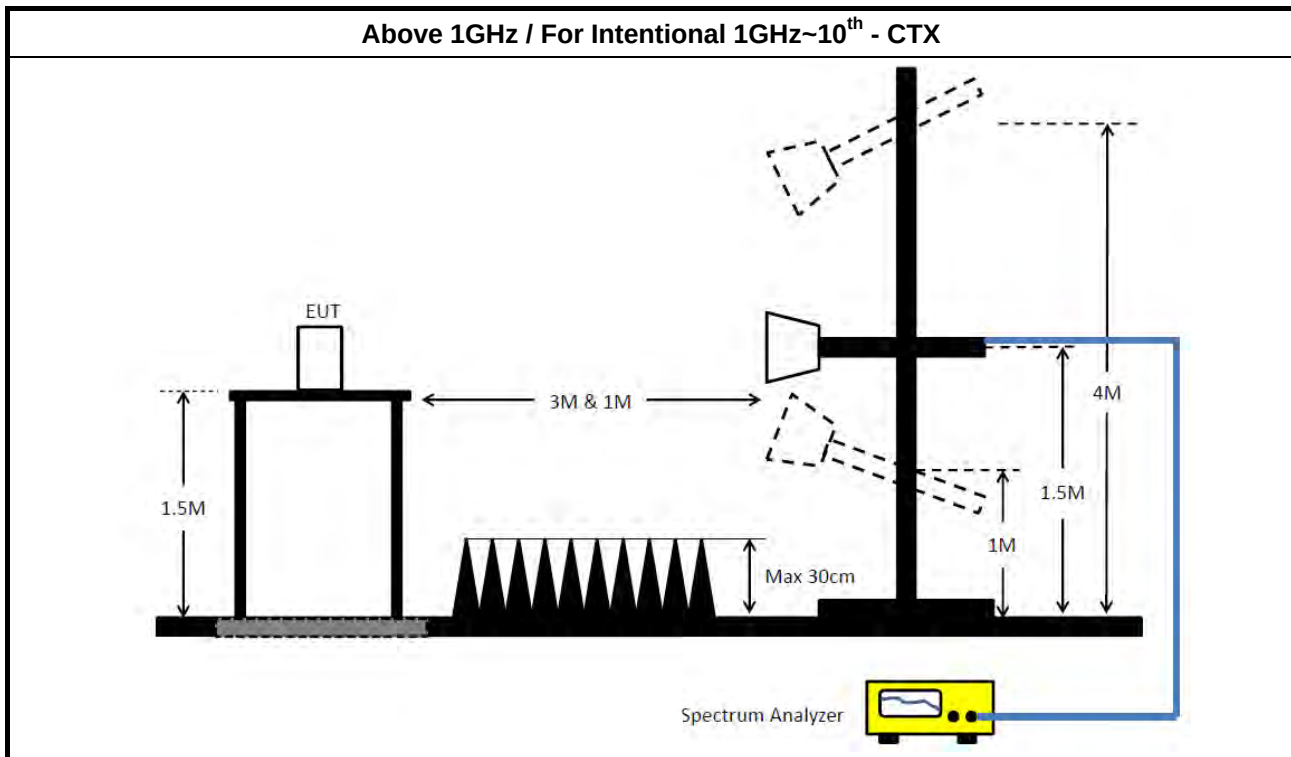
3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.9.2.2 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 558074, clause 12 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle $\geq 98\%$)
	☐ Refer as FCC KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 12.2.4 measurement procedure peak limit.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as FCC KDB 558074 clause 13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as FCC KDB 558074, clause 13.2 (ANSI C63.10, clause 6.9.3) for marker-delta method for band-edge measurements.
	Refer as FCC KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
For conducted and cabinet radiation measurement, refer as FCC KDB 558074, clause 12.2.2.	
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add $10 \log(N)$ dB
	For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup



For Unintentional 1GHz~5th - CRX
1,000~18,000 MHz

18,000~30,000 MHz




3.6.5 Transmitter Radiated Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

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

3.6.6 Test Result of Transmitter Radiated Unwanted Emissions

Refer as Appendix F



4 Test Equipment and Calibration Data

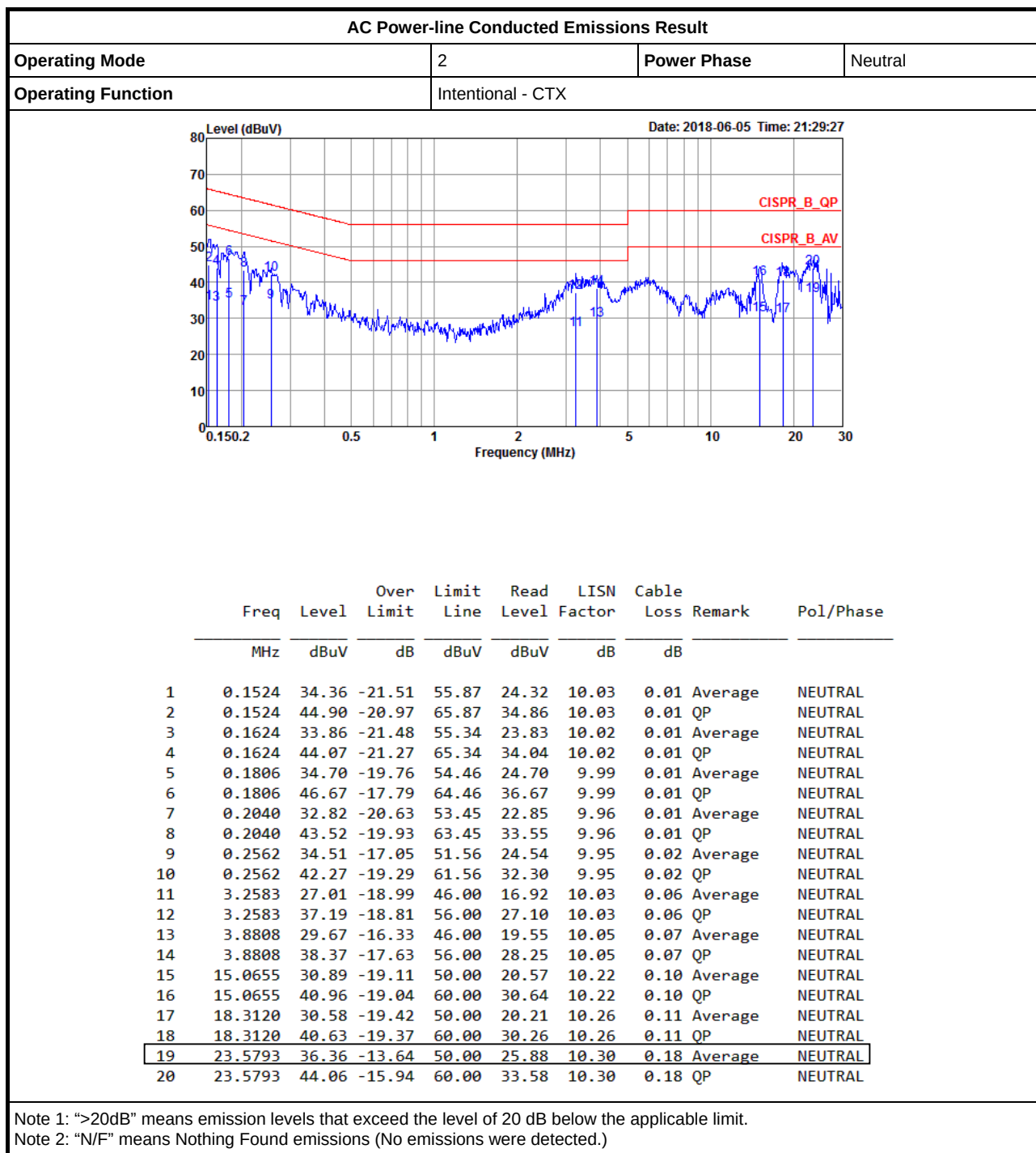
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 24, 2017	Nov. 23, 2018	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 13, 2017	Nov. 12, 2018	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 17, 2018	Jan. 16, 2019	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz~30MHz	Nov. 10, 2017	Nov. 09, 2018	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	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	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100354	9kHz ~ 2.75GHz	Dec. 08, 2017	Dec. 07, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)

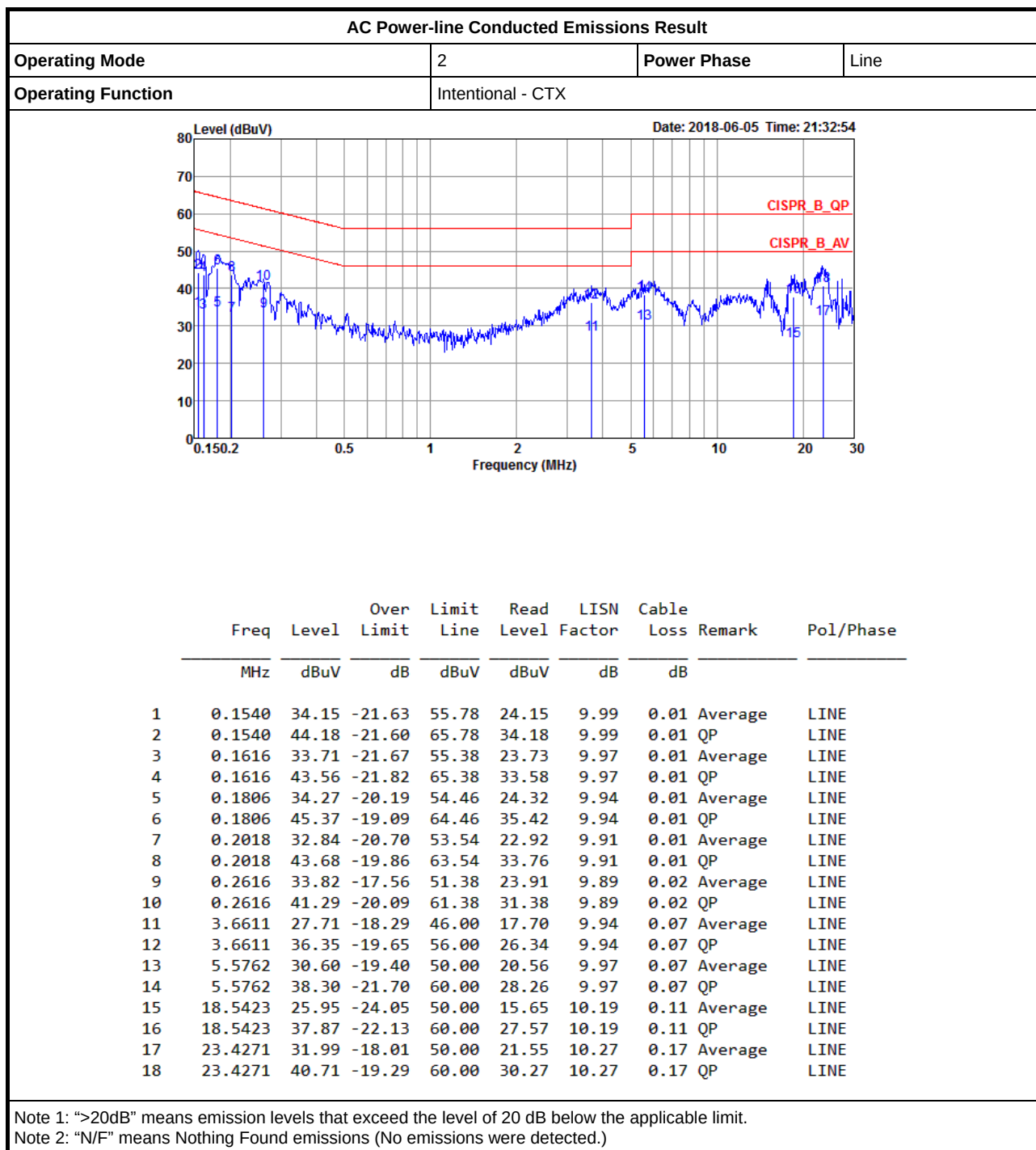


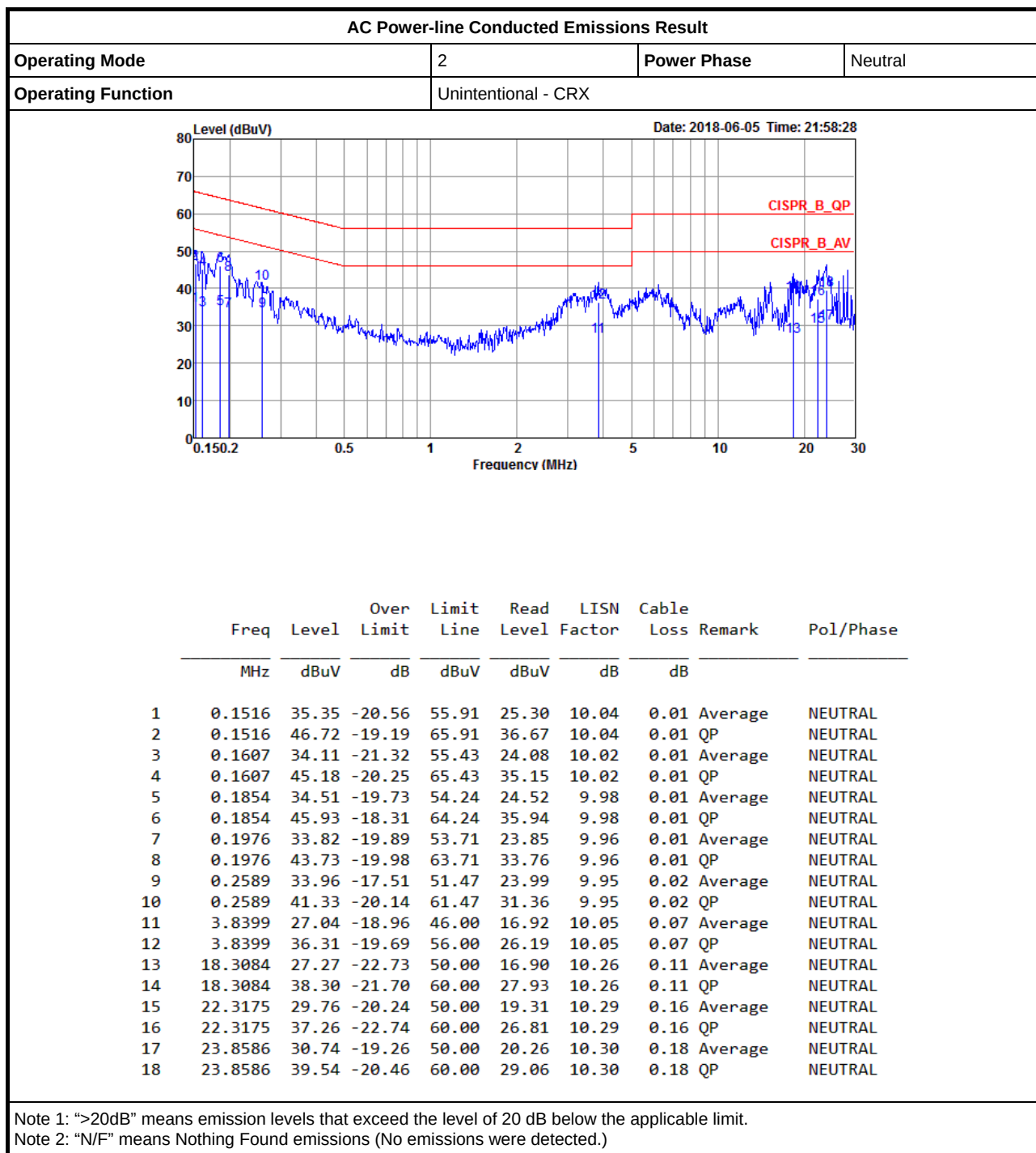
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

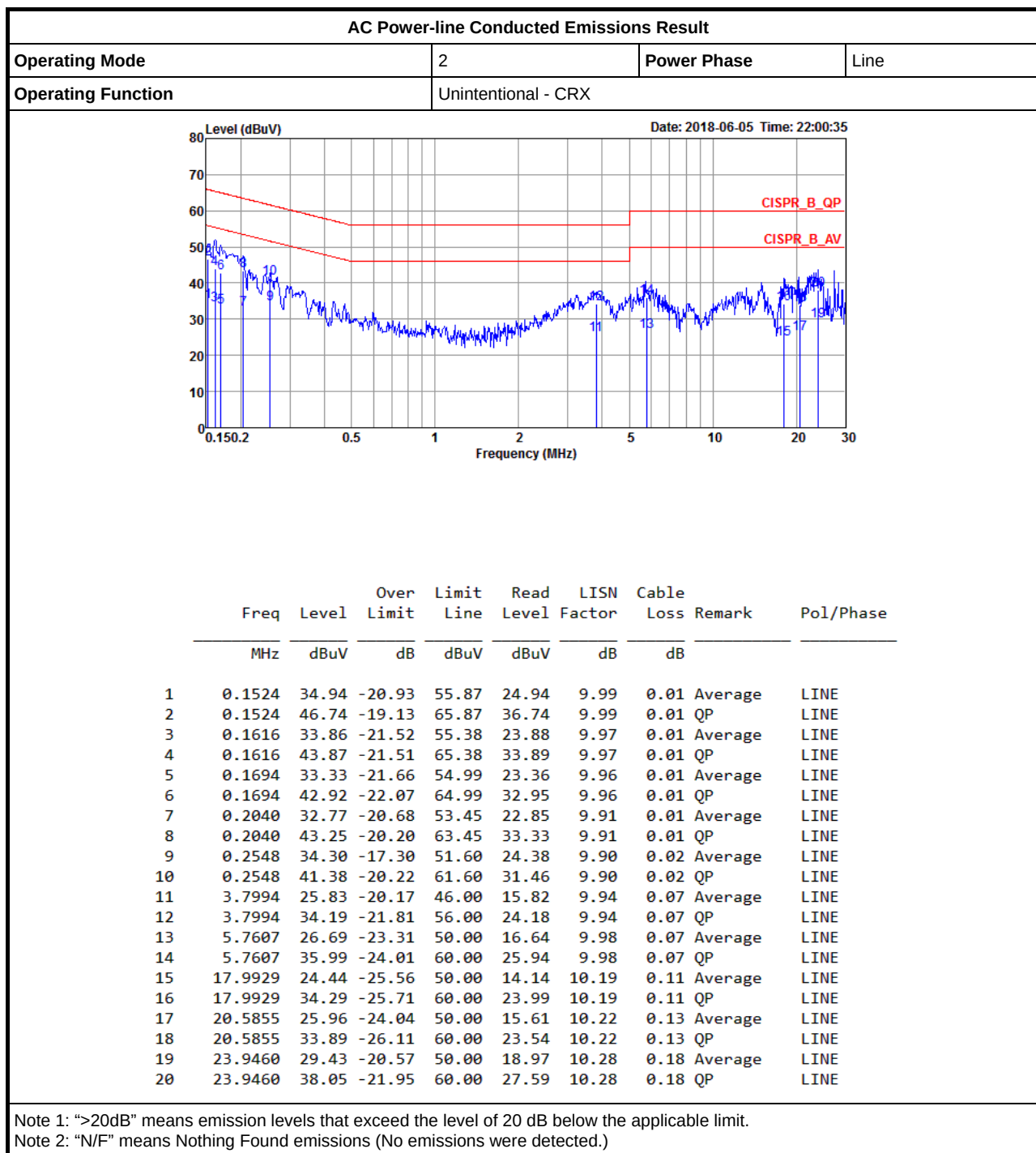
Note: Calibration Interval of instruments listed above is one year.

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









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	15.992M	16M0G1D	10.025M	13.993M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	28.211M	28M2D1D	17.075M	17.716M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.432M	36M4D1D	34.4M	36.282M
802.11n HT20_Nss2,(MCS8)_2TX	17.725M	25.212M	25M2D1D	17.575M	17.691M
802.11n HT40_Nss2,(MCS8)_2TX	36.1M	36.382M	36M4D1D	35.75M	36.232M

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;

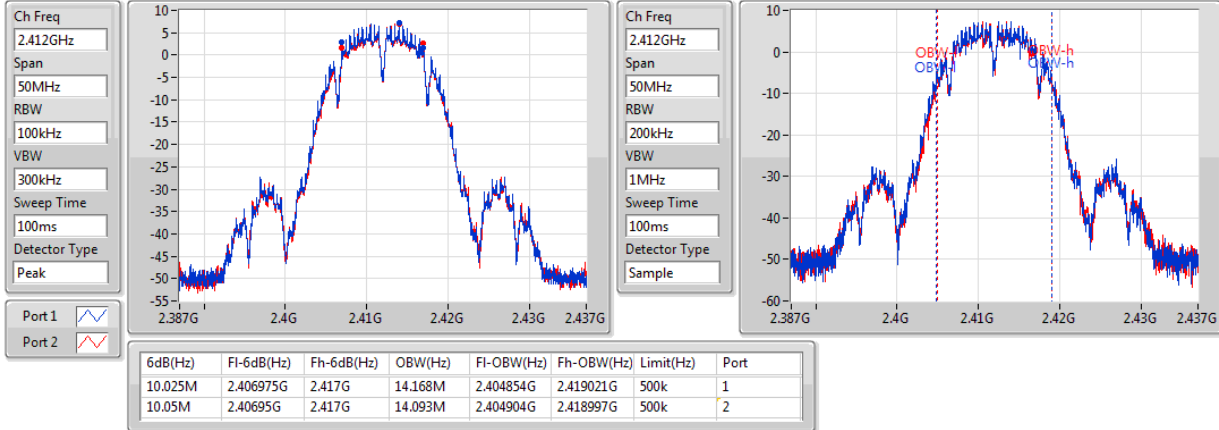
Result

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	14.168M	10.05M	14.093M
2437MHz	Pass	500k	10.075M	15.992M	10.05M	14.618M
2462MHz	Pass	500k	10.025M	14.068M	10.05M	13.993M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.791M	17.55M	17.741M
2437MHz	Pass	500k	17.075M	28.211M	17.575M	21.214M
2462MHz	Pass	500k	17.525M	17.741M	17.575M	17.716M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.05M	36.432M	36.3M	36.282M
2437MHz	Pass	500k	36.3M	36.332M	35.45M	36.382M
2452MHz	Pass	500k	36.05M	36.432M	34.4M	36.332M
802.11n HT20_Nss2,(MCS8)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.766M	17.6M	17.716M
2437MHz	Pass	500k	17.65M	25.212M	17.6M	18.491M
2462MHz	Pass	500k	17.725M	17.741M	17.6M	17.691M
802.11n HT40_Nss2,(MCS8)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.8M	36.282M	36.05M	36.232M
2437MHz	Pass	500k	35.75M	36.282M	36.1M	36.382M
2452MHz	Pass	500k	35.85M	36.282M	36M	36.382M

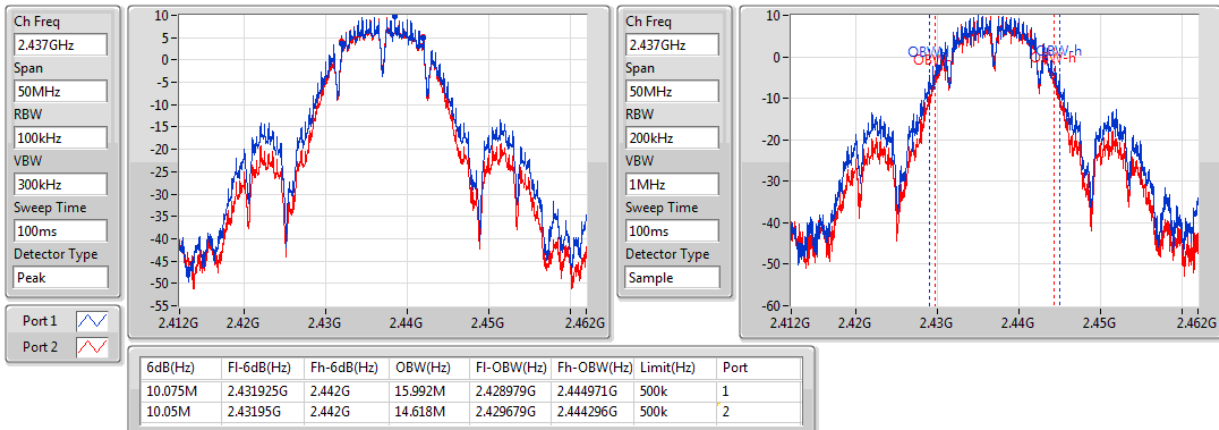
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

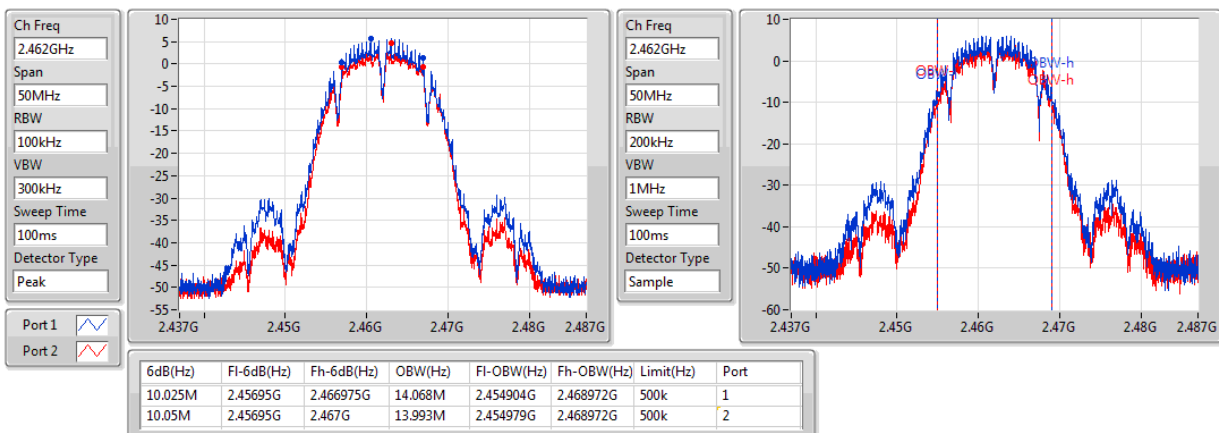
31/05/2018


802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

31/05/2018

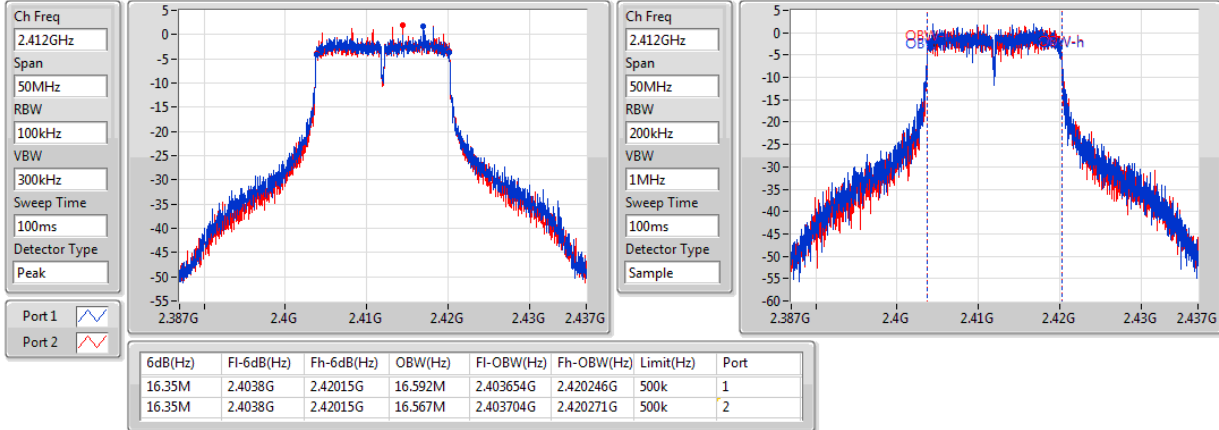

802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

31/05/2018

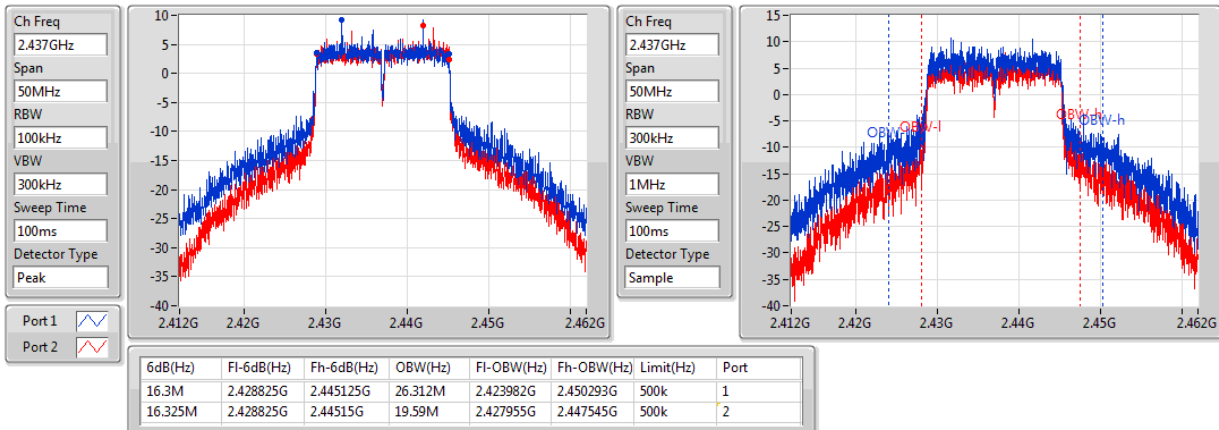


802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

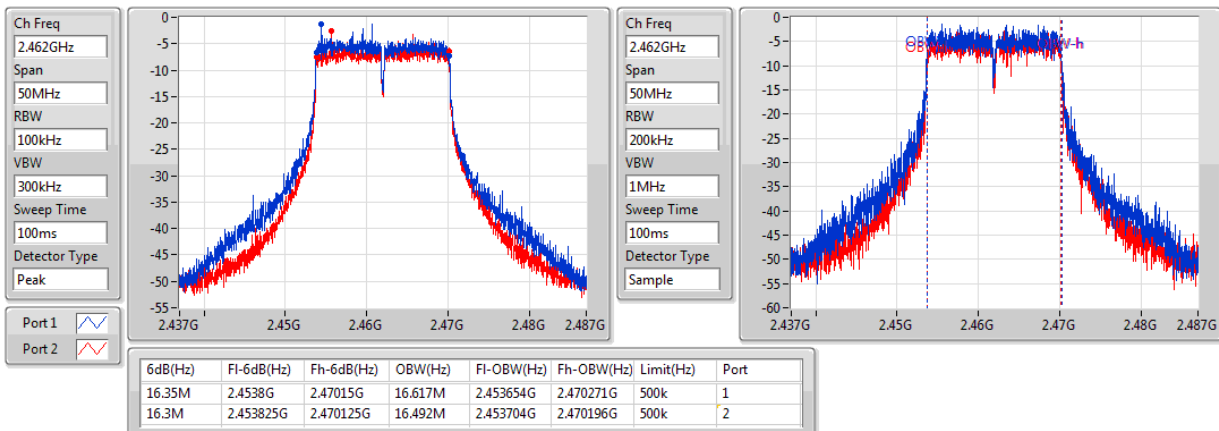
31/05/2018


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

31/05/2018

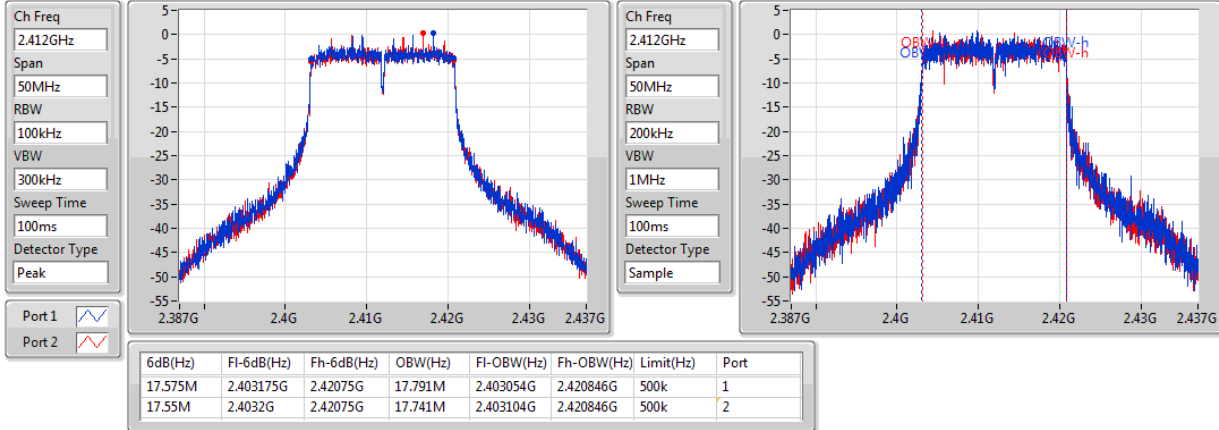

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

31/05/2018

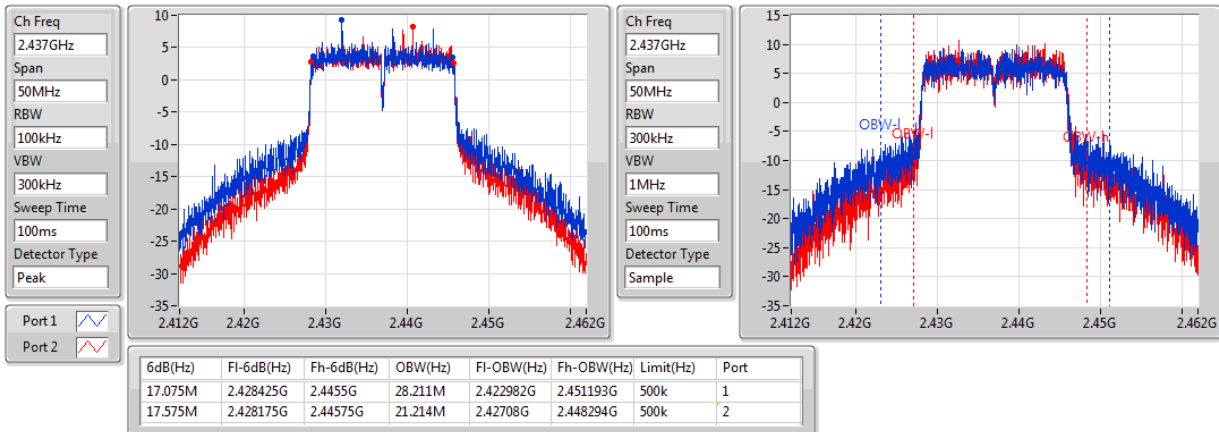


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

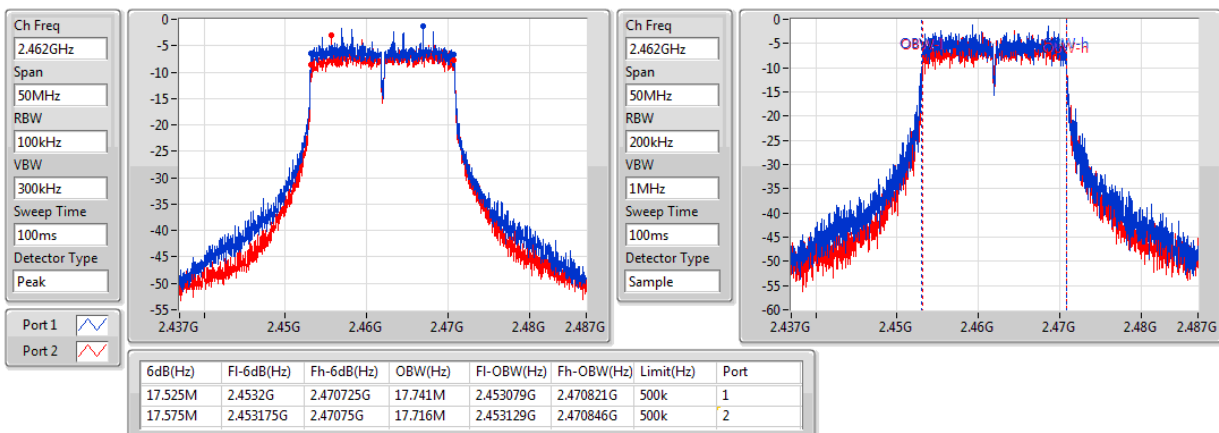
31/05/2018


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

31/05/2018

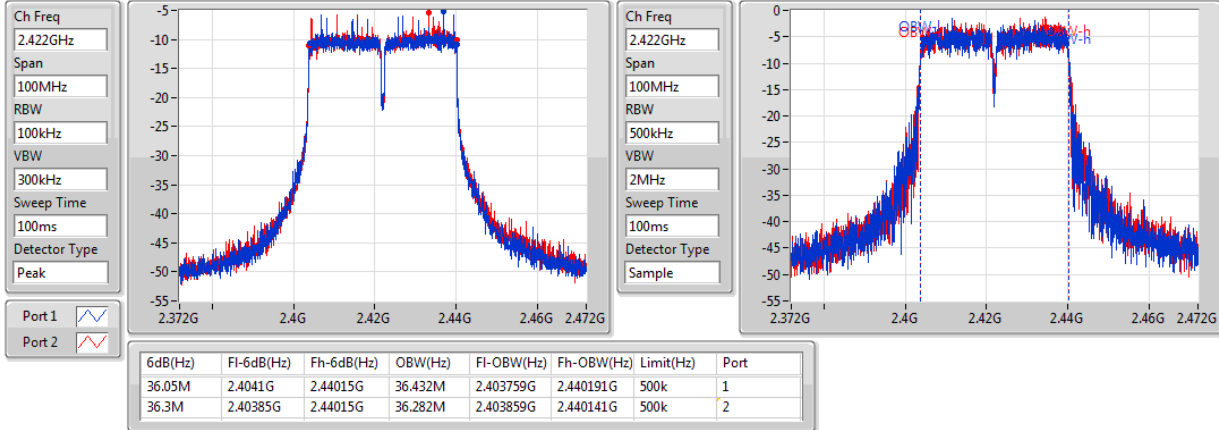

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

31/05/2018

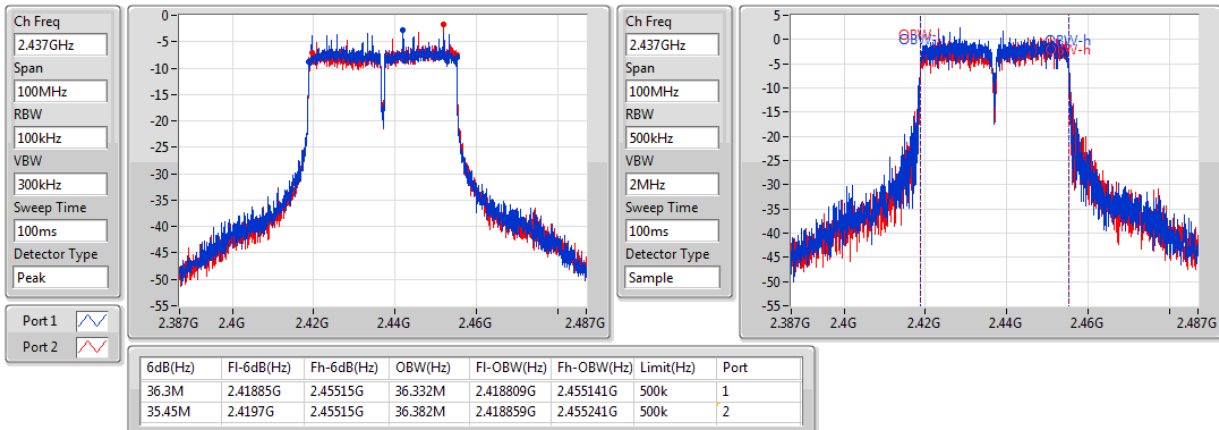


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

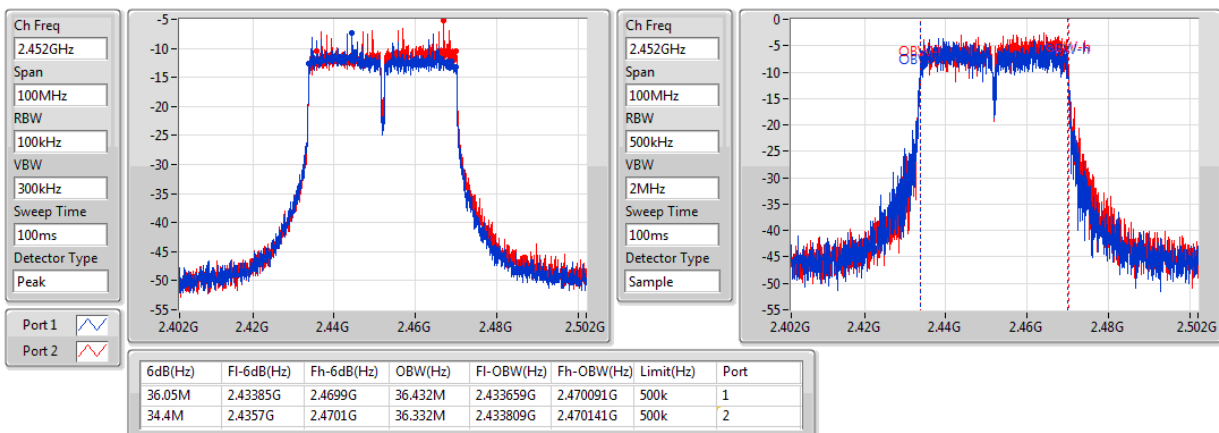
31/05/2018


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

31/05/2018

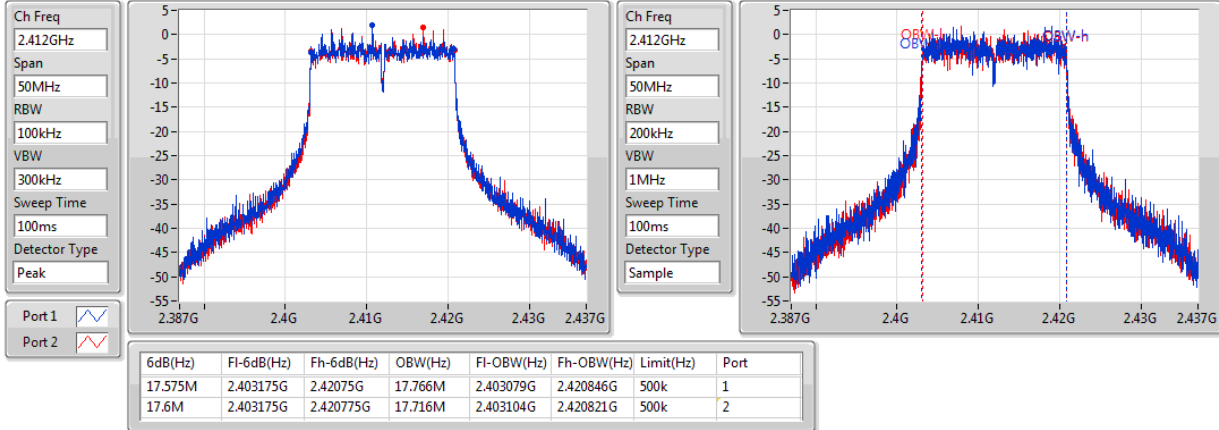

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

31/05/2018

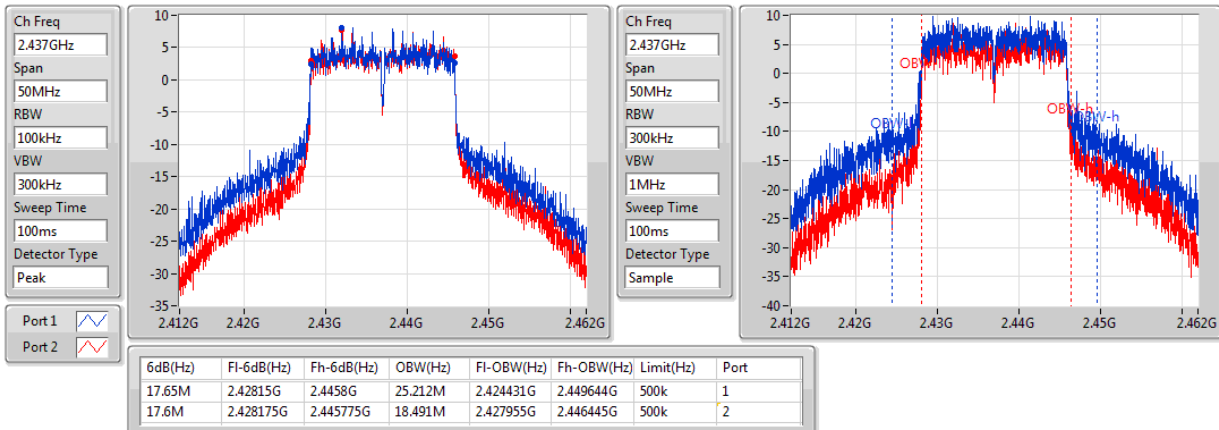


802.11n HT20_Nss2,(MCS8)_2TX
EBW
2412MHz

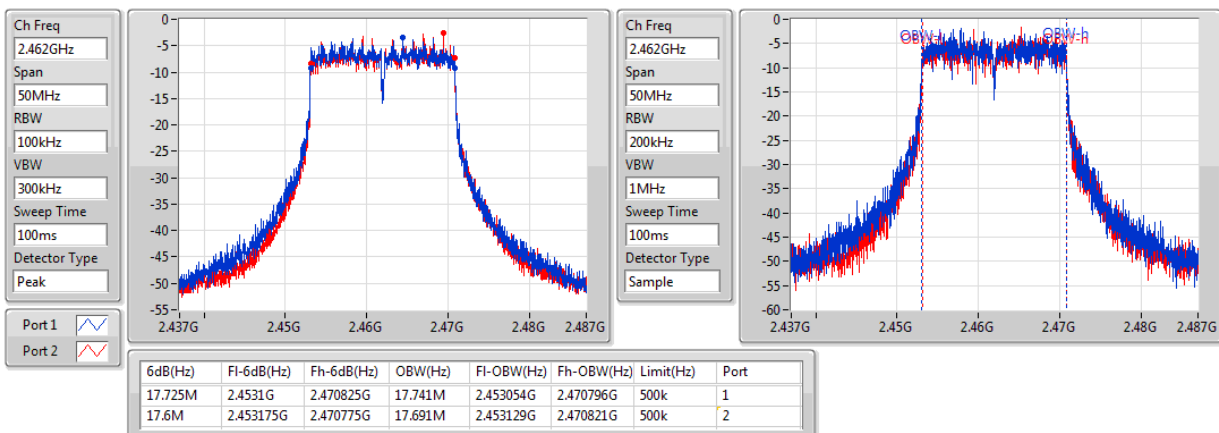
31/05/2018


802.11n HT20_Nss2,(MCS8)_2TX
EBW
2437MHz

31/05/2018

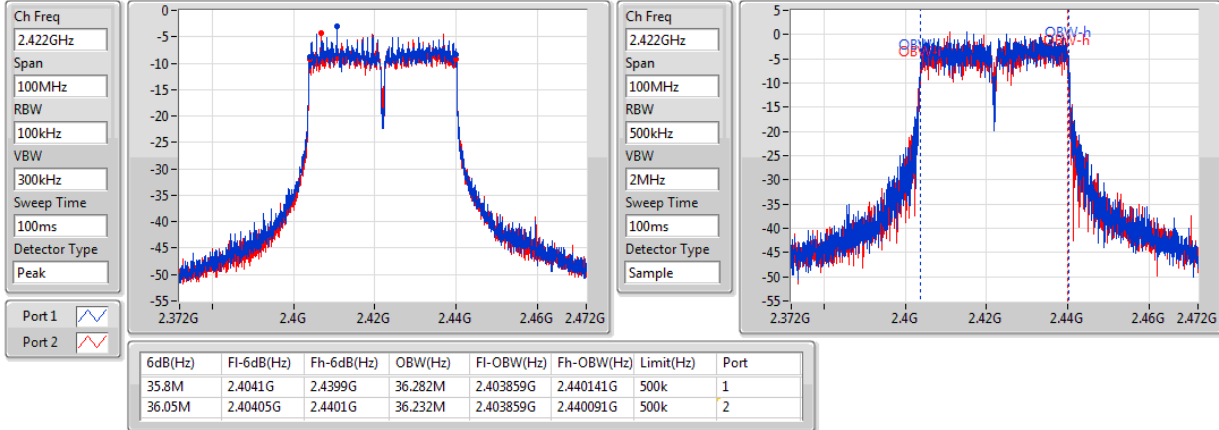

802.11n HT20_Nss2,(MCS8)_2TX
EBW
2462MHz

31/05/2018

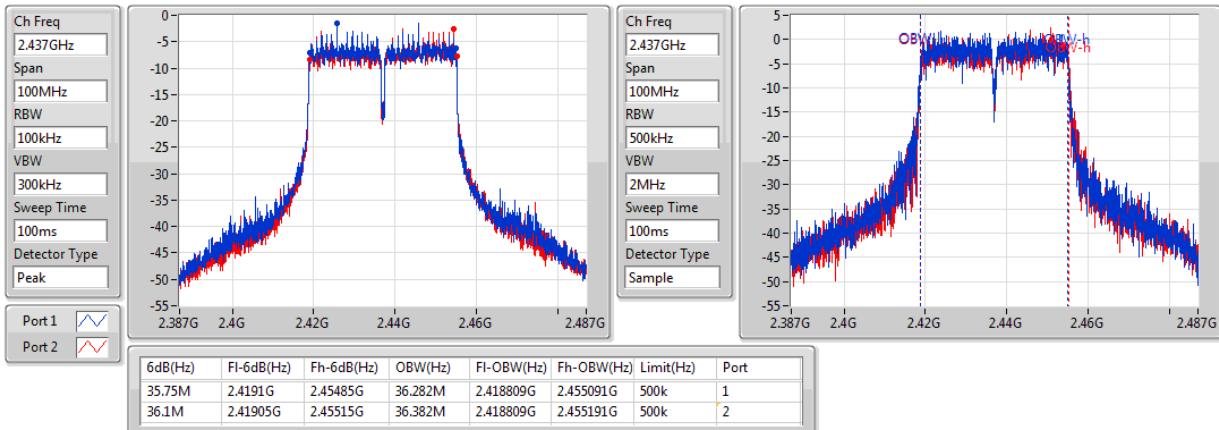


802.11n HT40_Nss2,(MCS8)_2TX
EBW
2422MHz

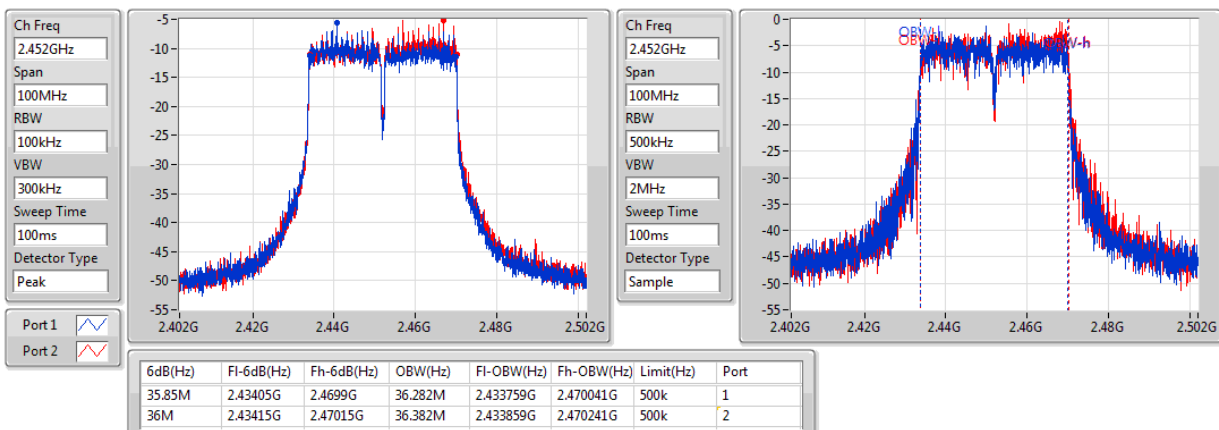
31/05/2018


802.11n HT40_Nss2,(MCS8)_2TX
EBW
2437MHz

31/05/2018


802.11n HT40_Nss2,(MCS8)_2TX
EBW
2452MHz

31/05/2018





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	21.49	0.14093
802.11n HT20_Nss1,(MCS0)_2TX	22.70	0.18621
802.11n HT40_Nss1,(MCS0)_2TX	14.44	0.02780
802.11n HT20_Nss2,(MCS8)_2TX	22.09	0.16181
802.11n HT40_Nss2,(MCS8)_2TX	14.26	0.02667

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	16.38	16.17	19.29	30.00
2437MHz	Pass	4.00	18.74	18.20	21.49	30.00
2462MHz	Pass	4.00	13.81	13.34	16.59	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	12.25	12.07	15.17	30.00
2437MHz	Pass	4.00	19.63	19.75	22.70	30.00
2462MHz	Pass	4.00	9.44	8.42	11.97	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.00	8.97	9.20	12.10	30.00
2437MHz	Pass	4.00	11.65	11.19	14.44	30.00
2452MHz	Pass	4.00	7.23	8.06	10.68	30.00
802.11n HT20_Nss2,(MCS8)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	12.08	11.88	14.99	30.00
2437MHz	Pass	4.00	19.11	19.05	22.09	30.00
2462MHz	Pass	4.00	8.85	8.49	11.68	30.00
802.11n HT40_Nss2,(MCS8)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.00	10.00	9.57	12.80	30.00
2437MHz	Pass	4.00	11.50	10.98	14.26	30.00
2452MHz	Pass	4.00	7.12	7.92	10.55	30.00

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

Note : Conducted average output power is for reference only



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-3.40
802.11n HT20_Nss1,(MCS0)_2TX	-4.22
802.11n HT40_Nss1,(MCS0)_2TX	-14.30
802.11n HT20_Nss2,(MCS8)_2TX	-4.24
802.11n HT40_Nss2,(MCS8)_2TX	-15.57

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	7.01	-5.89	-7.55	-4.35	6.99
2437MHz	Pass	7.01	-5.00	-4.85	-3.40	6.99
2462MHz	Pass	7.01	-8.76	-10.22	-7.92	6.99
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	-13.09	-13.50	-11.65	6.99
2437MHz	Pass	7.01	-6.59	-5.96	-4.22	6.99
2462MHz	Pass	7.01	-15.42	-16.63	-14.63	6.99
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.01	-19.12	-19.20	-17.55	6.99
2437MHz	Pass	7.01	-15.46	-17.26	-14.30	6.99
2452MHz	Pass	7.01	-21.03	-19.62	-18.24	6.99
802.11n HT20_Nss2,(MCS8)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	-13.42	-12.99	-11.16	8.00
2437MHz	Pass	4.00	-5.89	-6.13	-4.24	8.00
2462MHz	Pass	4.00	-17.32	-17.81	-15.57	8.00
802.11n HT40_Nss2,(MCS8)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.00	-17.91	-18.12	-16.68	8.00
2437MHz	Pass	4.00	-16.64	-17.54	-15.57	8.00
2452MHz	Pass	4.00	-20.88	-20.25	-18.04	8.00

DG = Directional Gain; RBW=3kHz;

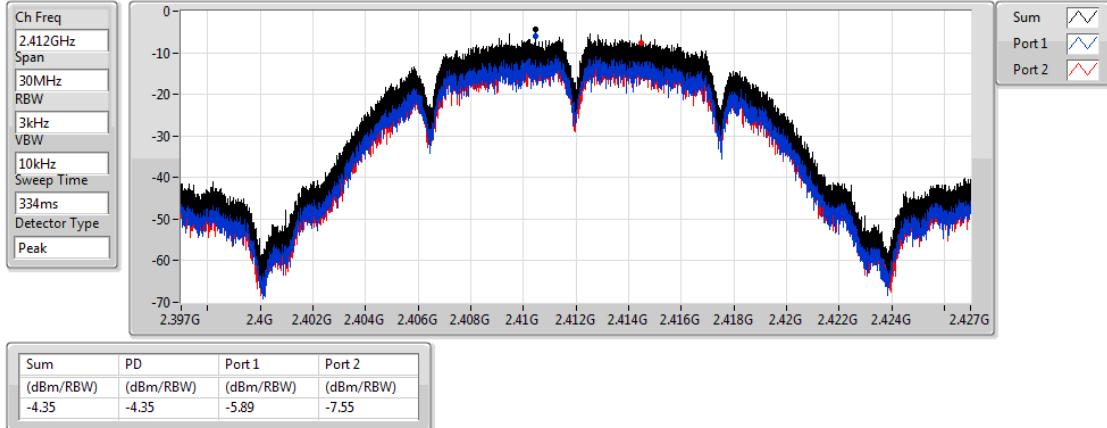
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

31/05/2018

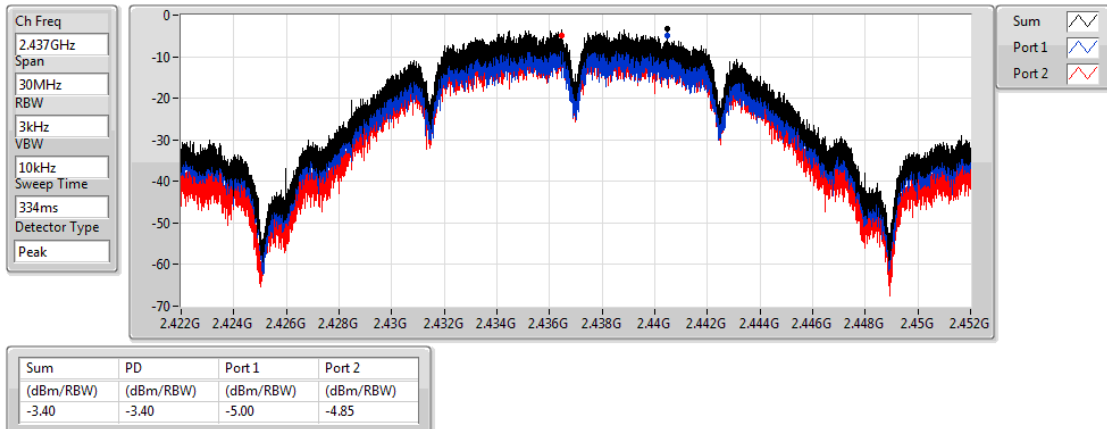


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

31/05/2018

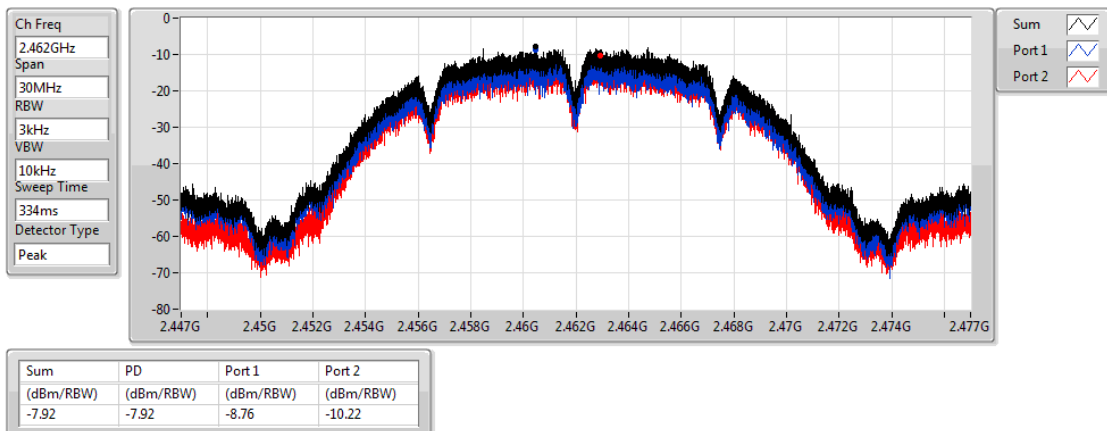


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

31/05/2018

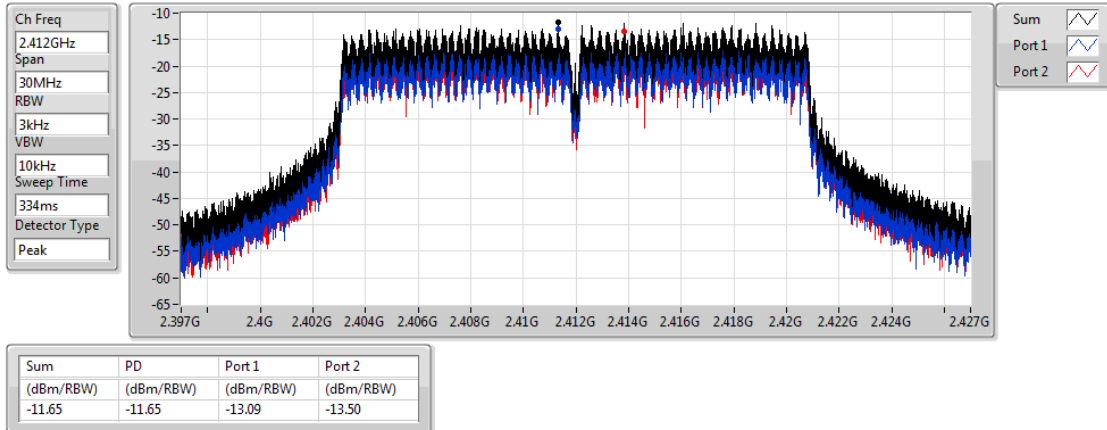


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

31/05/2018

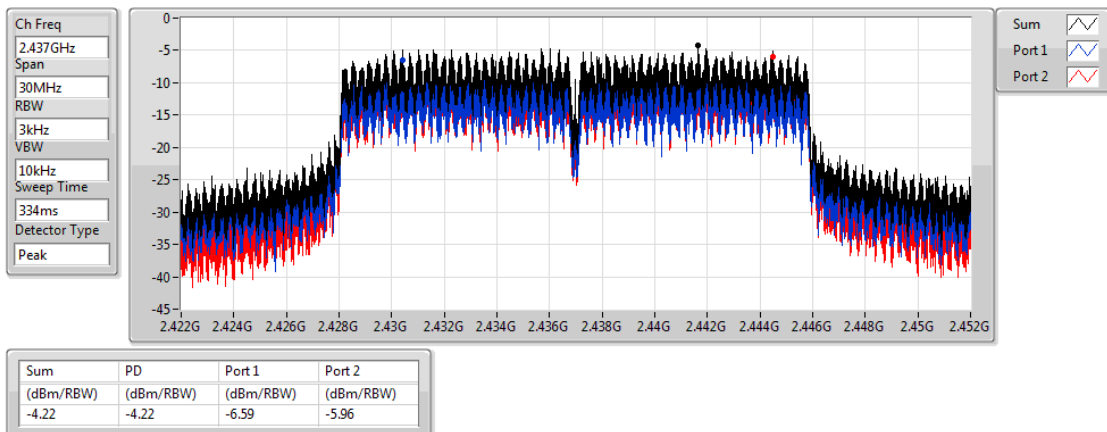


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

31/05/2018

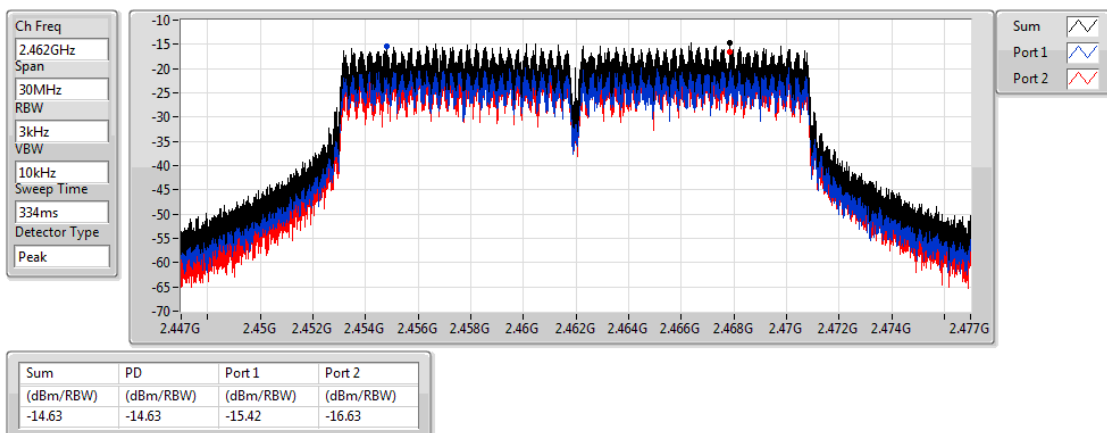


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

31/05/2018

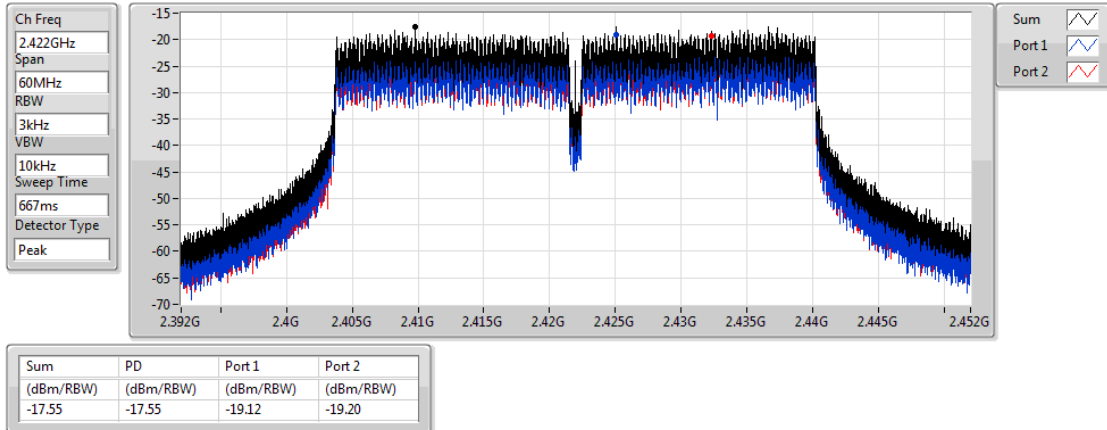


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

31/05/2018

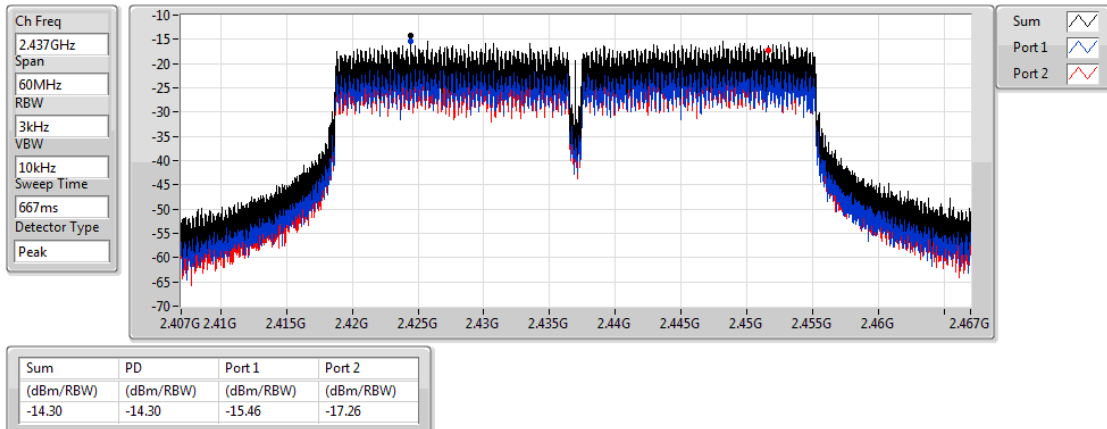


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

31/05/2018

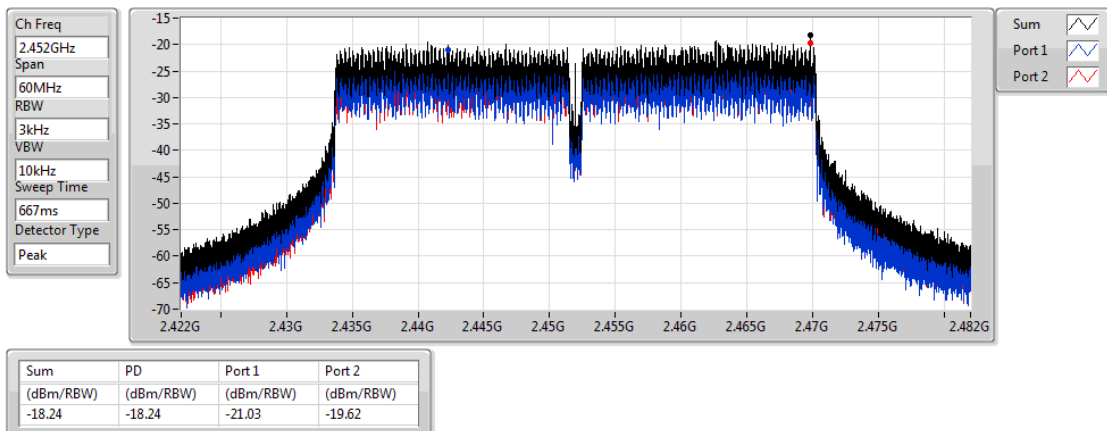


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

31/05/2018

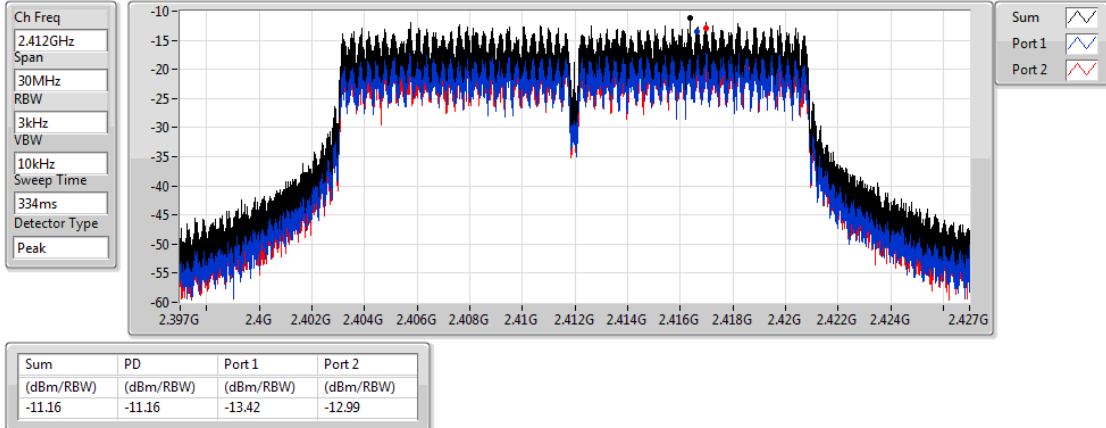


802.11n HT20_Nss2,(MCS8)_2TX

PSD

2412MHz

31/05/2018

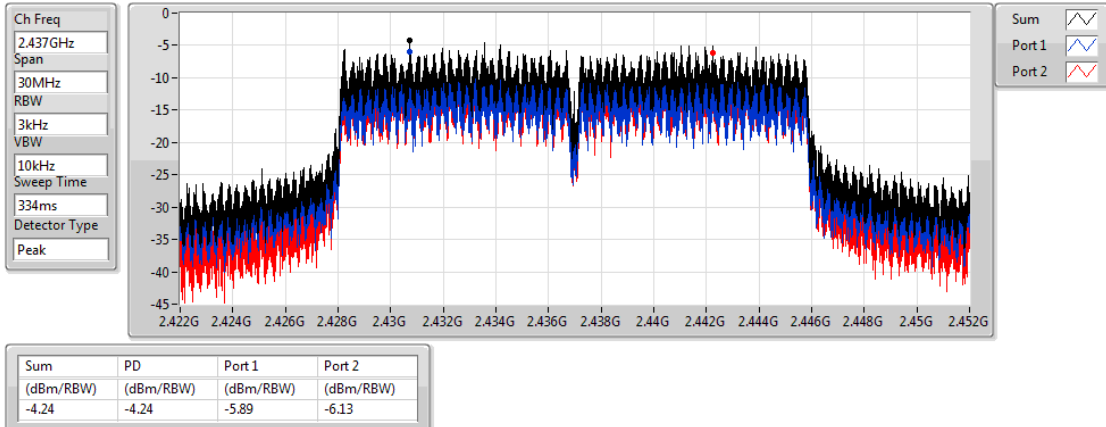


802.11n HT20_Nss2,(MCS8)_2TX

PSD

2437MHz

31/05/2018

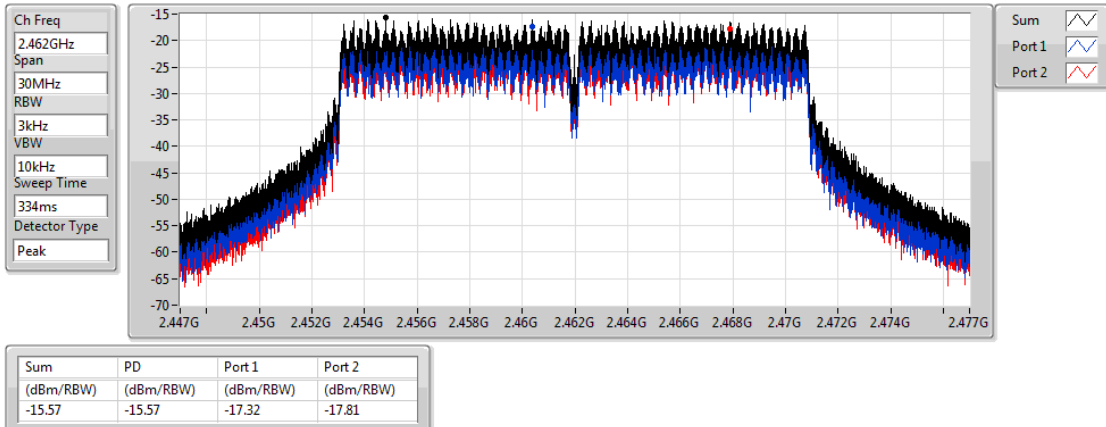


802.11n HT20_Nss2,(MCS8)_2TX

PSD

2462MHz

31/05/2018

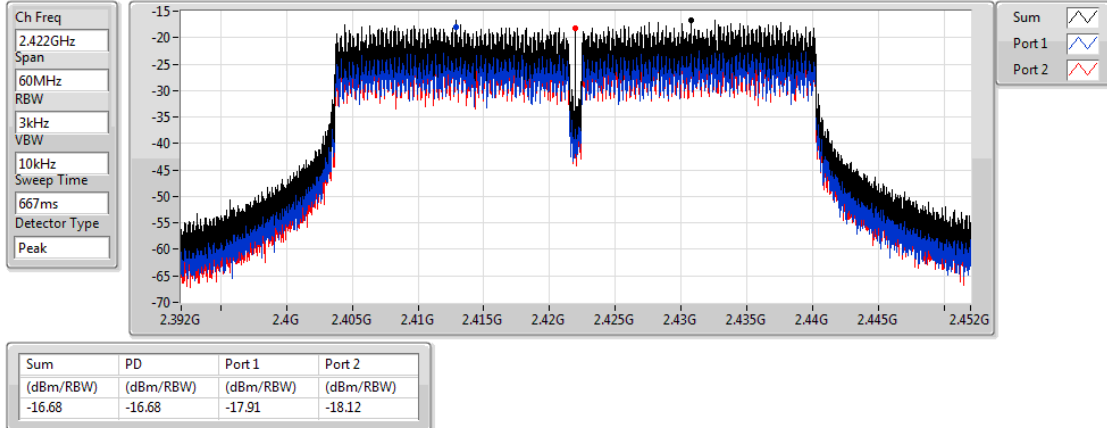


802.11n HT40_Nss2,(MCS8)_2TX

PSD

2422MHz

31/05/2018

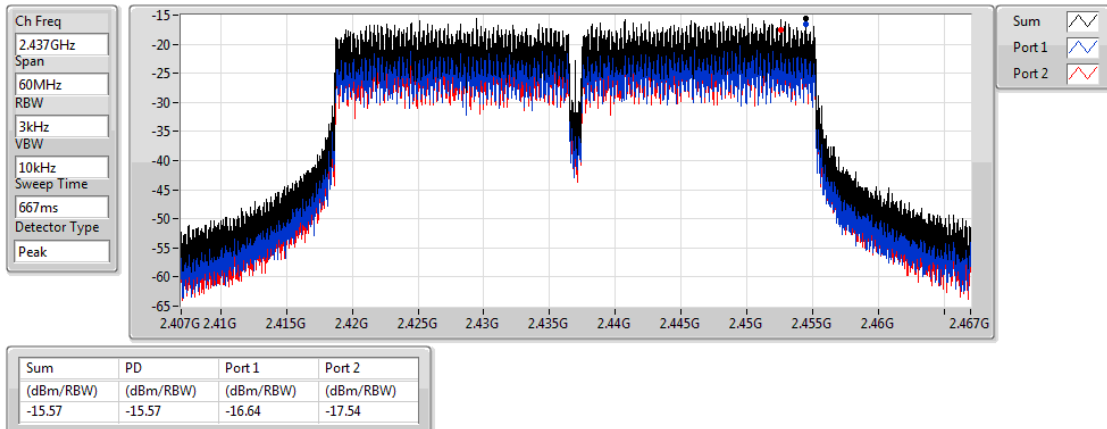


802.11n HT40_Nss2,(MCS8)_2TX

PSD

2437MHz

31/05/2018

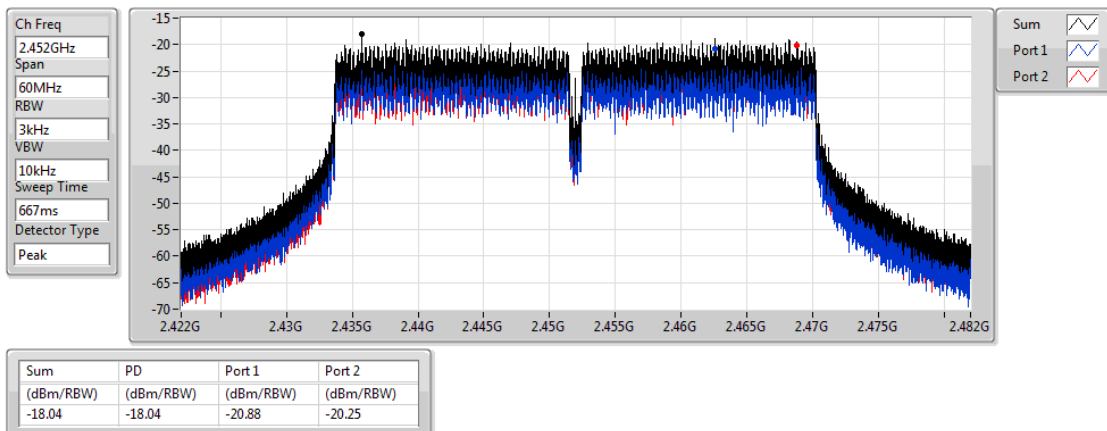


802.11n HT40_Nss2,(MCS8)_2TX

PSD

2452MHz

31/05/2018



**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	2.43841G	9.53	-20.47	805.89M	-44.90	2.398G	-28.83	2.49646G	-54.58	6.794035G	-50.07	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.438243G	6.23	-23.77	1.93594G	-55.92	2.39944G	-29.70	2.49678G	-53.85	2.638692G	-48.80	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.450768G	-3.53	-33.53	2.183745G	-57.39	2.39952G	-36.41	2.50766G	-56.13	16.404016G	-50.06	1
802.11n HT20_Nss2,(MCS8)_2TX	Pass	2.430728G	8.56	-21.44	811.715M	-51.57	2.39944G	-29.27	2.49774G	-54.43	16.7146G	-49.73	1
802.11n HT40_Nss2,(MCS8)_2TX	Pass	2.445758G	-1.38	-31.38	822.34M	-53.64	2.39984G	-33.95	2.49598G	-54.85	16.392798G	-49.54	1

Result

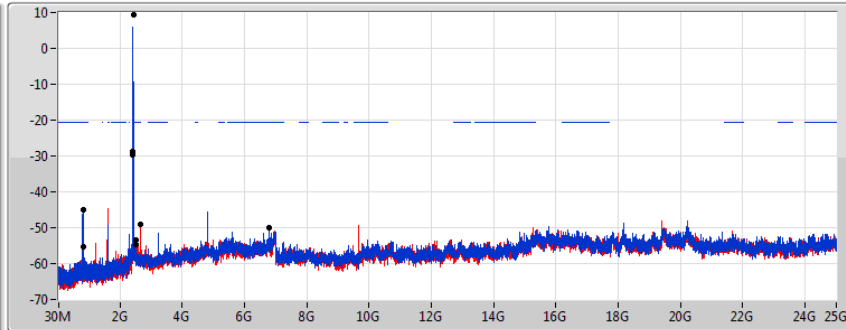
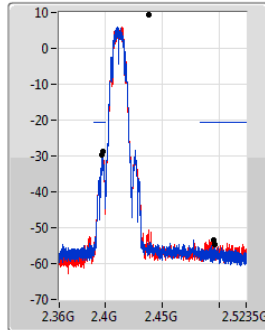
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43841G	9.53	-20.47	805.89M	-44.90	2.398G	-28.83	2.49646G	-54.58	6.794035G	-50.07	1
2412MHz	Pass	2.43841G	9.53	-20.47	804.725M	-55.35	2.39704G	-29.80	2.49478G	-53.34	2.638692G	-49.12	2
2437MHz	Pass	2.43841G	9.53	-20.47	814.045M	-43.60	2.3976G	-51.88	2.50702G	-54.14	3.248367G	-49.48	1
2437MHz	Pass	2.43841G	9.53	-20.47	1.624885G	-45.01	2.39992G	-53.50	2.52046G	-50.68	9.746885G	-45.95	2
2462MHz	Pass	2.43841G	9.53	-20.47	822.2M	-47.15	2.39344G	-54.40	2.4863G	-54.48	16.388691G	-49.77	1
2462MHz	Pass	2.43841G	9.53	-20.47	1.641195G	-43.70	2.39992G	-57.01	2.49558G	-54.46	9.848029G	-49.21	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.438243G	6.23	-23.77	811.715M	-51.28	2.3996G	-29.98	2.4943G	-52.70	16.669647G	-50.39	1
2412MHz	Pass	2.438243G	6.23	-23.77	1.93594G	-55.92	2.39944G	-29.70	2.49678G	-53.85	2.638692G	-48.80	2
2437MHz	Pass	2.438243G	6.23	-23.77	805.89M	-45.58	2.39952G	-32.05	2.48358G	-36.24	15.028863G	-50.63	1
2437MHz	Pass	2.438243G	6.23	-23.77	1.624885G	-40.65	2.39952G	-38.16	2.48438G	-39.90	15.222723G	-50.46	2
2462MHz	Pass	2.438243G	6.23	-23.77	1.641195G	-49.98	2.39472G	-54.60	2.48446G	-45.07	6.982276G	-49.52	1
2462MHz	Pass	2.438243G	6.23	-23.77	1.641195G	-43.23	2.39992G	-56.68	2.48382G	-50.30	15.262056G	-49.92	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.450768G	-3.53	-33.53	2.183745G	-57.39	2.39952G	-36.41	2.50766G	-56.13	16.404016G	-50.06	1
2422MHz	Pass	2.450768G	-3.53	-33.53	1.936425G	-54.80	2.39904G	-37.13	2.55998G	-52.64	16.653622G	-49.74	2
2437MHz	Pass	2.450768G	-3.53	-33.53	1.624985G	-49.07	2.39936G	-40.56	2.48494G	-46.98	16.378775G	-49.78	1
2437MHz	Pass	2.450768G	-3.53	-33.53	1.624985G	-43.30	2.39952G	-41.48	2.48382G	-46.88	2.639223G	-50.12	2
2452MHz	Pass	2.450768G	-3.53	-33.53	1.63529G	-53.10	2.39184G	-55.95	2.48366G	-46.85	24.826117G	-50.53	1
2452MHz	Pass	2.450768G	-3.53	-33.53	1.63529G	-44.10	2.39696G	-57.07	2.48382G	-44.08	2.639223G	-47.98	2
802.11n HT20_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.430728G	8.56	-21.44	811.715M	-51.57	2.39944G	-29.27	2.49774G	-54.43	16.7146G	-49.73	1
2412MHz	Pass	2.430728G	8.56	-21.44	1.990695G	-57.58	2.39976G	-30.30	2.4959G	-53.12	2.638692G	-47.93	2
2437MHz	Pass	2.430728G	8.56	-21.44	804.725M	-43.94	2.39704G	-35.01	2.48542G	-39.63	16.672457G	-49.26	1
2437MHz	Pass	2.430728G	8.56	-21.44	1.624885G	-40.12	2.39984G	-41.98	2.48694G	-43.98	6.993514G	-50.63	2
2462MHz	Pass	2.430728G	8.56	-21.44	1.641195G	-52.82	2.39232G	-56.54	2.48358G	-49.41	16.678076G	-49.84	1
2462MHz	Pass	2.430728G	8.56	-21.44	1.641195G	-43.99	2.39992G	-55.03	2.48382G	-51.13	2.638692G	-48.90	2
802.11n HT40_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.445758G	-1.38	-31.38	822.34M	-53.64	2.39984G	-33.95	2.49598G	-54.85	16.392798G	-49.54	1
2422MHz	Pass	2.445758G	-1.38	-31.38	1.63987G	-56.05	2.39952G	-35.89	2.56014G	-51.04	16.384384G	-49.86	2
2437MHz	Pass	2.445758G	-1.38	-31.38	1.624985G	-48.48	2.39952G	-39.10	2.48382G	-48.00	16.687277G	-49.72	1
2437MHz	Pass	2.445758G	-1.38	-31.38	1.624985G	-42.10	2.39936G	-41.26	2.48414G	-43.99	2.639223G	-47.39	2
2452MHz	Pass	2.445758G	-1.38	-31.38	1.63529G	-52.98	2.39392G	-56.19	2.48446G	-47.54	16.69569G	-50.00	1
2452MHz	Pass	2.445758G	-1.38	-31.38	1.63529G	-43.53	2.39472G	-56.23	2.48478G	-44.36	15.279386G	-50.24	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

2412MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

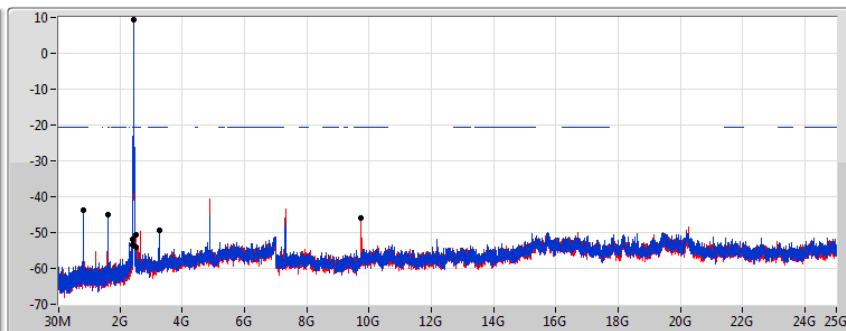
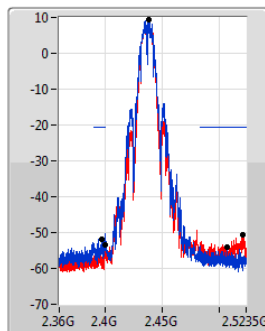
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	9.53	-20.47	805.89M	-44.90	2.398G	-28.83	2.49646G	-54.58	6.794035G	-50.07	1
2.43841G	9.53	-20.47	804.725M	-55.35	2.39704G	-29.80	2.49478G	-53.34	2.638692G	-49.12	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

2437MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

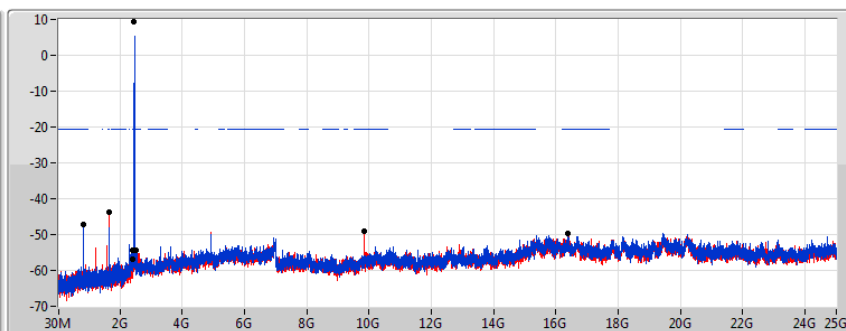
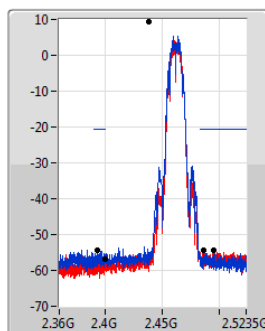
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	9.53	-20.47	814.045M	-43.60	2.3976G	-51.88	2.50702G	-54.14	3.248367G	-49.48	1
2.43841G	9.53	-20.47	1.624885G	-45.01	2.39992G	-53.50	2.52046G	-50.68	9.746885G	-45.95	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

2462MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

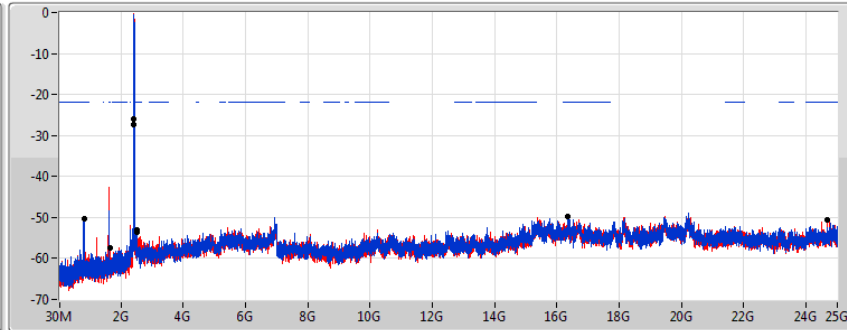
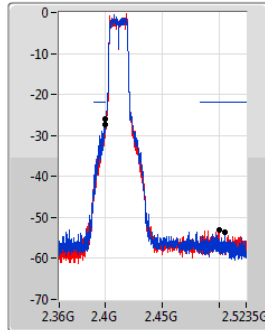
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	9.53	-20.47	822.2M	-47.15	2.39344G	-54.40	2.4863G	-54.48	16.388691G	-49.77	1
2.43841G	9.53	-20.47	1.641195G	-43.70	2.39992G	-57.01	2.49558G	-54.46	9.848029G	-49.21	2

802.11g_Nss1,(6Mbps)_2TX

CSE NdB

2412MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

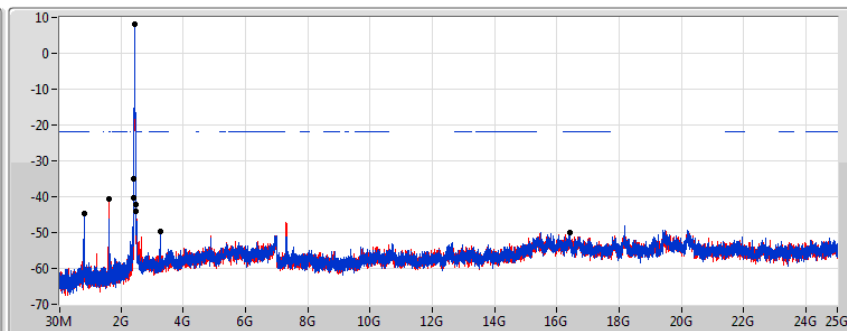
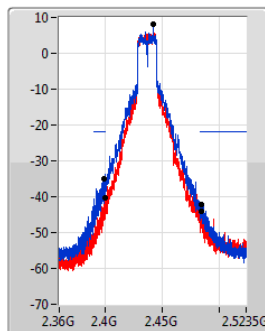
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442084G	8.20	-21.80	808.22M	-50.42	2.39984G	-26.08	2.50518G	-53.72	16.326881G	-49.80	1
2.442084G	8.20	-21.80	1.64003G	-57.29	2.39984G	-27.44	2.50014G	-53.02	24.668472G	-50.52	2

802.11g_Nss1,(6Mbps)_2TX

CSE NdB

2437MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

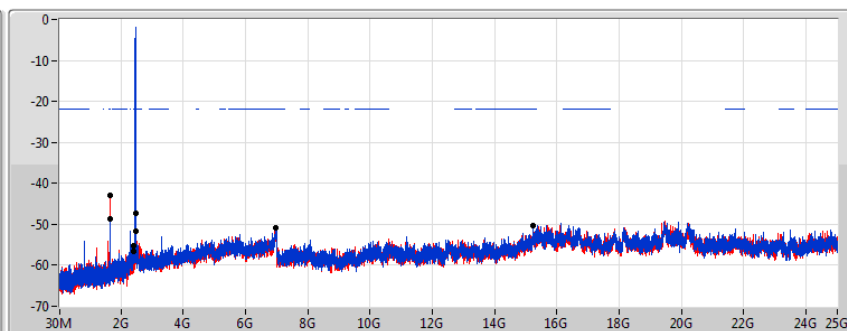
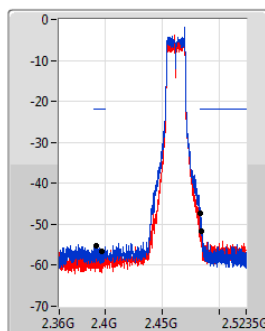
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442084G	8.20	-21.80	810.55M	-44.80	2.39888G	-34.89	2.48446G	-42.09	3.248367G	-49.69	1
2.442084G	8.20	-21.80	1.624885G	-40.73	2.39976G	-40.25	2.48398G	-44.01	16.399929G	-50.02	2

802.11g_Nss1,(6Mbps)_2TX

CSE NdB

2462MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

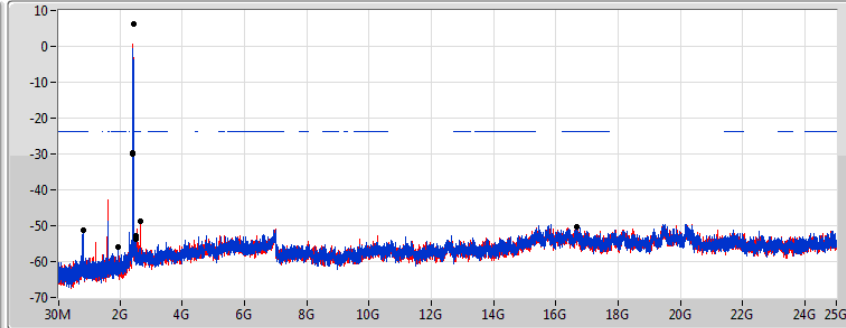
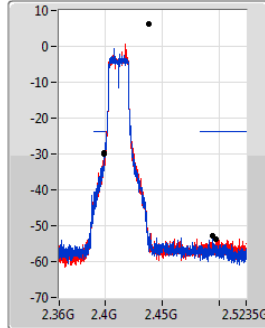
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442084G	8.20	-21.80	1.641195G	-48.61	2.39216G	-55.33	2.48382G	-47.31	15.228342G	-50.26	1
2.442084G	8.20	-21.80	1.641195G	-42.85	2.39672G	-56.67	2.48422G	-51.76	6.973847G	-50.83	2

802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2412MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

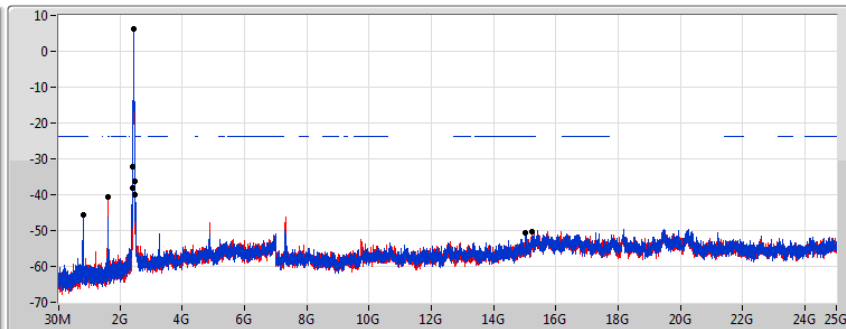
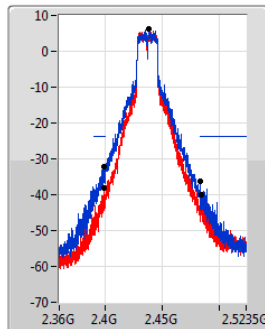
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	6.23	-23.77	811.715M	-51.28	2.3996G	-29.98	2.4943G	-52.70	16.669647G	-50.39	1
2.438243G	6.23	-23.77	1.93594G	-55.92	2.39944G	-29.70	2.49678G	-53.85	2.638692G	-48.80	2

802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

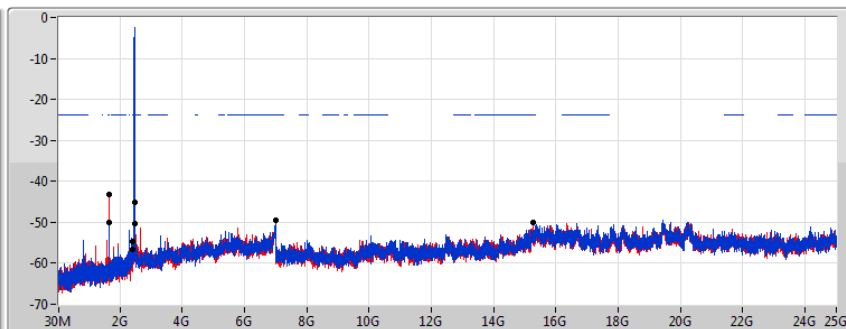
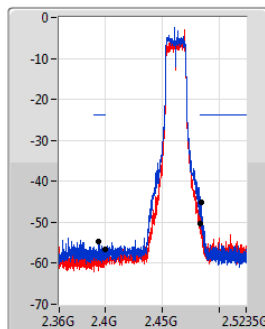
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	6.23	-23.77	805.89M	-45.58	2.39952G	-32.05	2.48358G	-36.24	15.028863G	-50.63	1
2.438243G	6.23	-23.77	1.624885G	-40.65	2.39952G	-38.16	2.48438G	-39.90	15.222723G	-50.46	2

802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2462MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

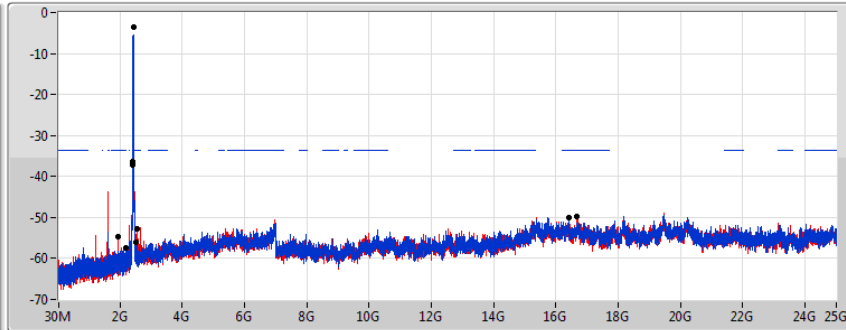
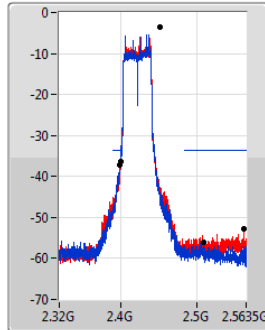
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	6.23	-23.77	1.641195G	-49.98	2.39472G	-54.60	2.48446G	-45.07	6.982276G	-49.52	1
2.438243G	6.23	-23.77	1.641195G	-43.23	2.39992G	-56.68	2.48382G	-50.30	15.262056G	-49.92	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2422MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

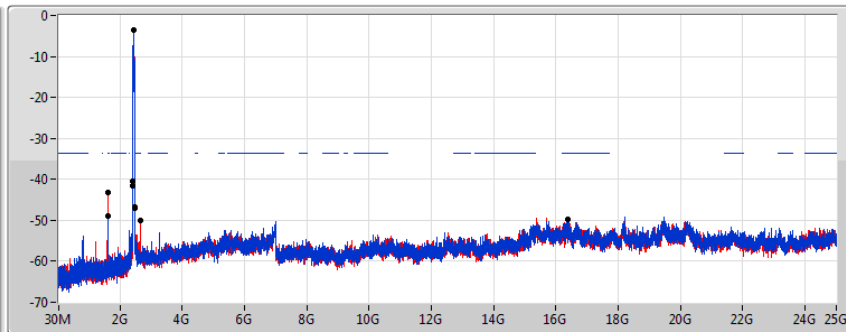
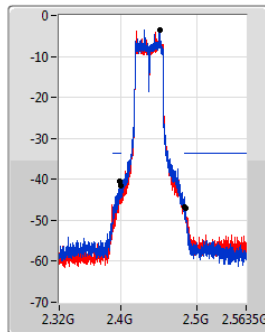
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.450768G	-3.53	-33.53	2.183745G	-57.39	2.39952G	-36.41	2.50766G	-56.13	16.404016G	-50.06	1
2.450768G	-3.53	-33.53	1.936425G	-54.80	2.39904G	-37.13	2.55998G	-52.64	16.653622G	-49.74	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

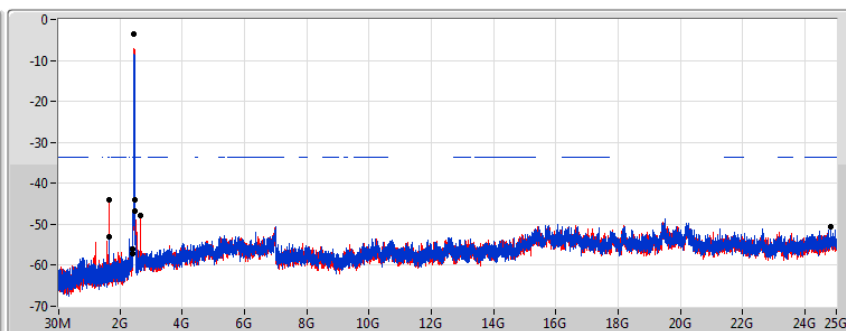
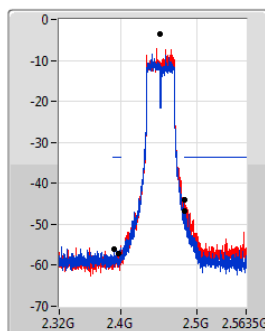
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.450768G	-3.53	-33.53	1.624985G	-49.07	2.39936G	-40.56	2.48494G	-46.98	16.378775G	-49.78	1
2.450768G	-3.53	-33.53	1.624985G	-43.30	2.39952G	-41.48	2.48382G	-46.88	2.639223G	-50.12	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2452MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

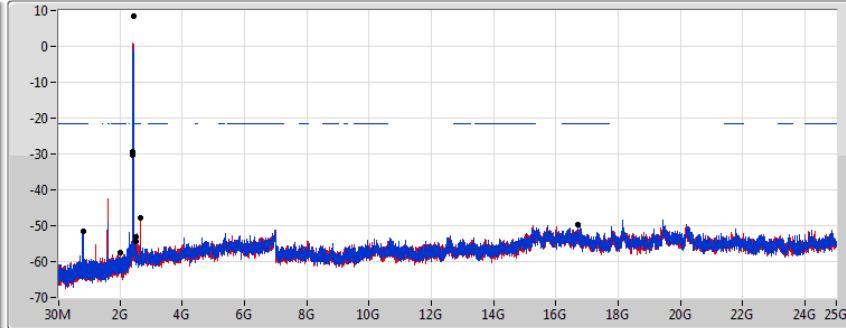
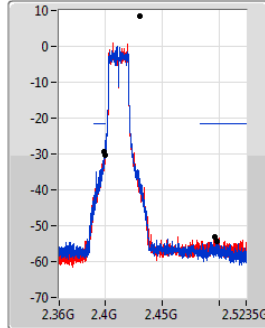
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.450768G	-3.53	-33.53	1.63529G	-53.10	2.39184G	-55.95	2.48366G	-46.85	24.826117G	-50.53	1
2.450768G	-3.53	-33.53	1.63529G	-44.10	2.39696G	-57.07	2.48382G	-44.08	2.639223G	-47.98	2

802.11n HT20_Nss2,(MCS8)_2TX

CSE NdB

2412MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

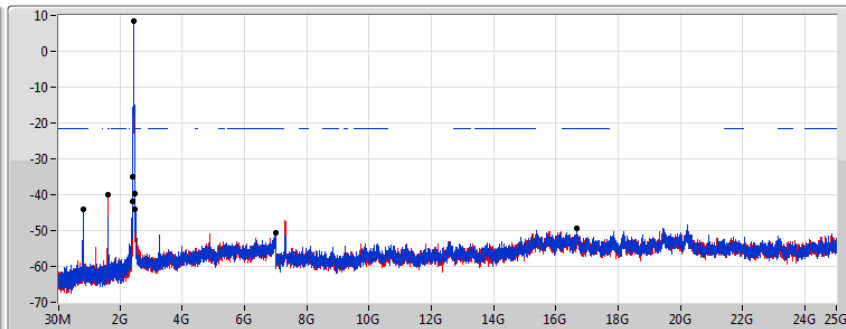
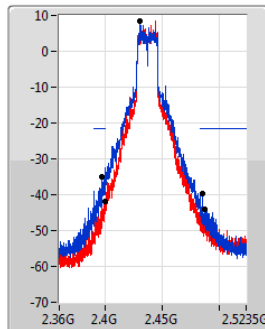
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	8.56	-21.44	811.715M	-51.57	2.39944G	-29.27	2.49774G	-54.43	16.7146G	-49.73	1
2.430728G	8.56	-21.44	1.990695G	-57.58	2.39976G	-30.30	2.4959G	-53.12	2.638692G	-47.93	2

802.11n HT20_Nss2,(MCS8)_2TX

CSE NdB

2437MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

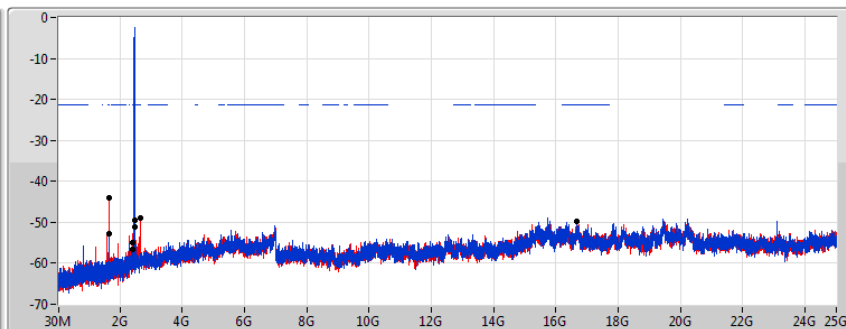
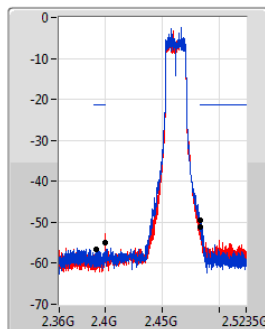
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	8.56	-21.44	804.725M	-43.94	2.39704G	-35.01	2.48542G	-39.63	16.672457G	-49.26	1
2.430728G	8.56	-21.44	1.624885G	-40.12	2.39984G	-41.98	2.48694G	-43.98	6.993514G	-50.63	2

802.11n HT20_Nss2,(MCS8)_2TX

CSE NdB

2462MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

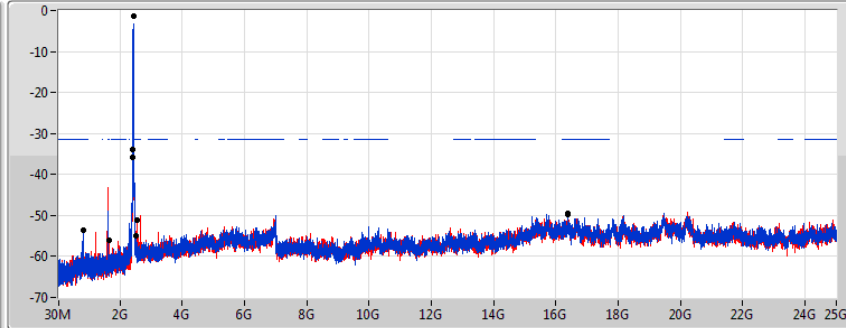
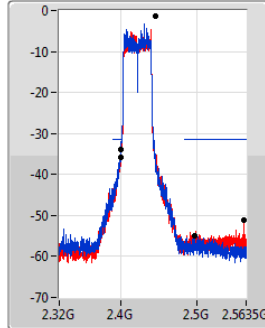
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	8.56	-21.44	1.641195G	-52.82	2.39232G	-56.54	2.48358G	-49.41	16.678076G	-49.84	1
2.430728G	8.56	-21.44	1.641195G	-43.99	2.39992G	-55.03	2.48382G	-51.13	2.638692G	-48.90	2

802.11n HT40_Nss2,(MCS8)_2TX

CSE NdB

2422MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

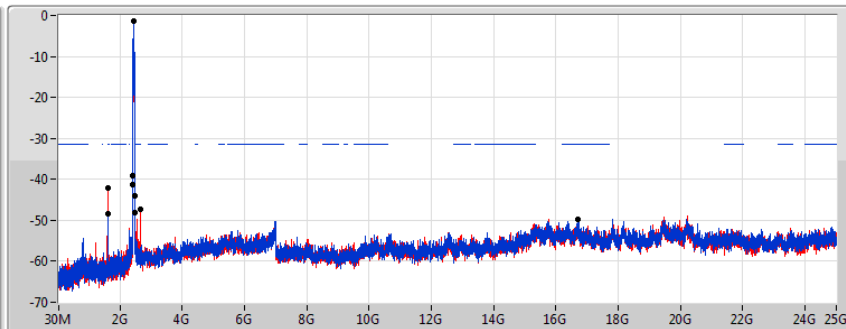
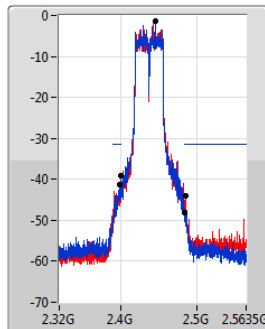
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.445758G	-1.38	-31.38	822.34M	-53.64	2.39984G	-33.95	2.49598G	-54.85	16.392798G	-49.54	1
2.445758G	-1.38	-31.38	1.63987G	-56.05	2.39952G	-35.89	2.56014G	-51.04	16.384384G	-49.86	2

802.11n HT40_Nss2,(MCS8)_2TX

CSE NdB

2437MHz

31/05/2018



Port 1 
Port 2 

RBW VBW
100kHz 300kHz
Detector Type
Peak

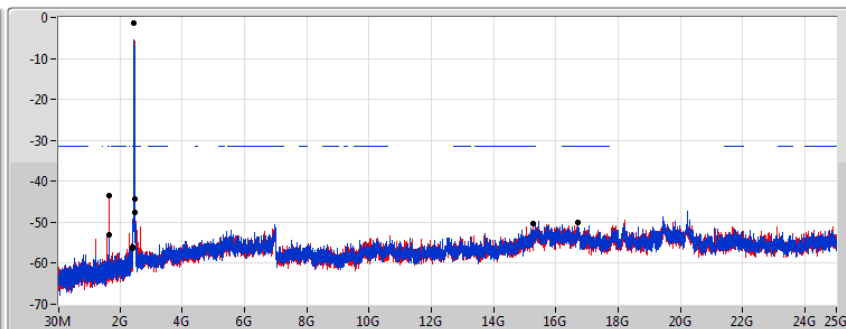
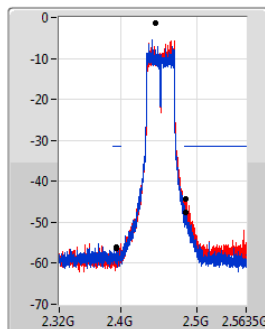
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.445758G	-1.38	-31.38	1.624985G	-48.48	2.39952G	-39.10	2.48382G	-48.00	16.687277G	-49.72	1
2.445758G	-1.38	-31.38	1.624985G	-42.10	2.39936G	-41.26	2.48414G	-43.99	2.639223G	-47.39	2

802.11n HT40_Nss2,(MCS8)_2TX

CSE NdB

2452MHz

31/05/2018



Port 1 
Port 2 

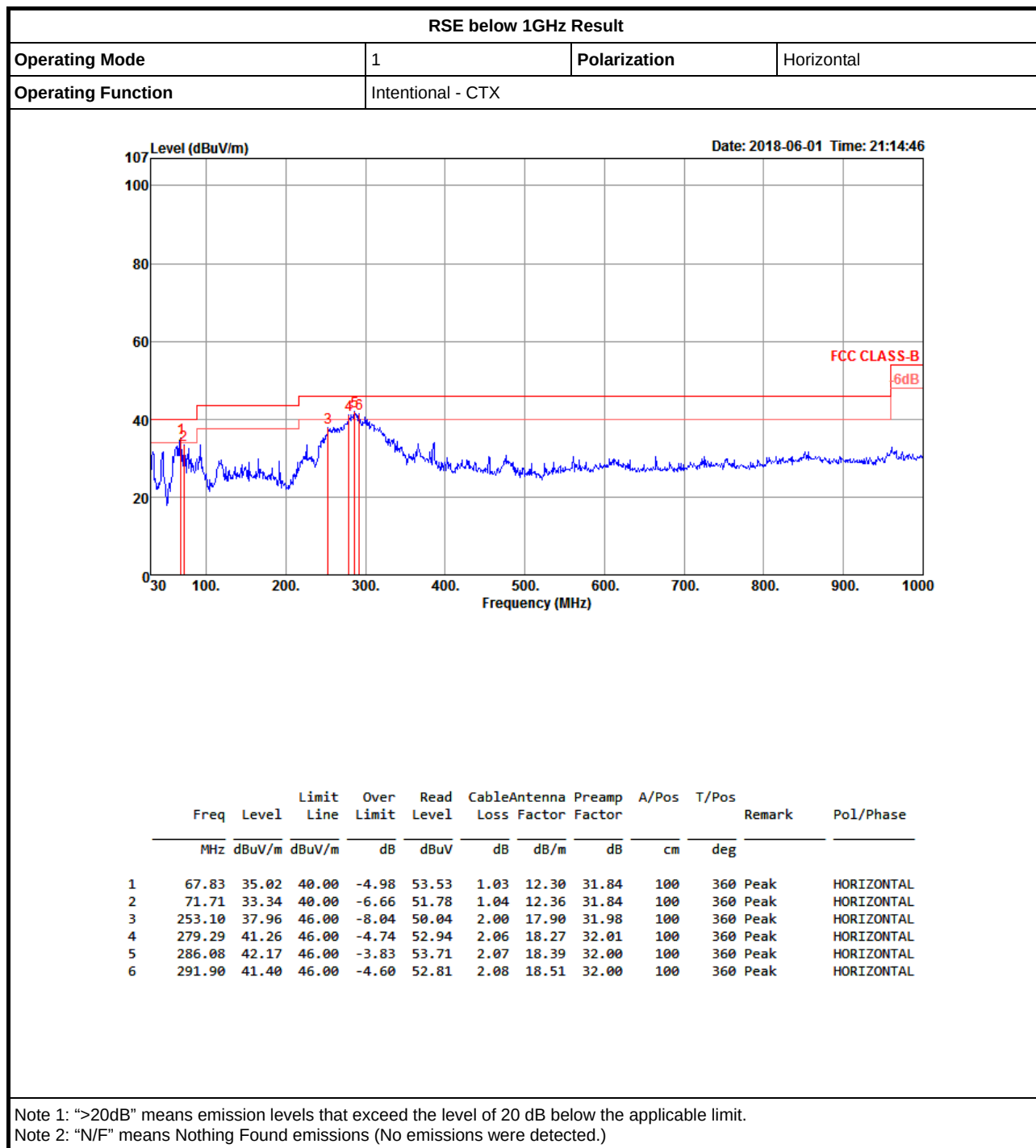
RBW VBW
100kHz 300kHz
Detector Type
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.445758G	-1.38	-31.38	1.63529G	-52.98	2.39392G	-56.19	2.48446G	-47.54	16.69569G	-50.00	1
2.445758G	-1.38	-31.38	1.63529G	-43.53	2.39472G	-56.23	2.48478G	-44.36	15.279386G	-50.24	2



RSE below 1GHz Result and (Unintentional 1GHz~5th- CRX)

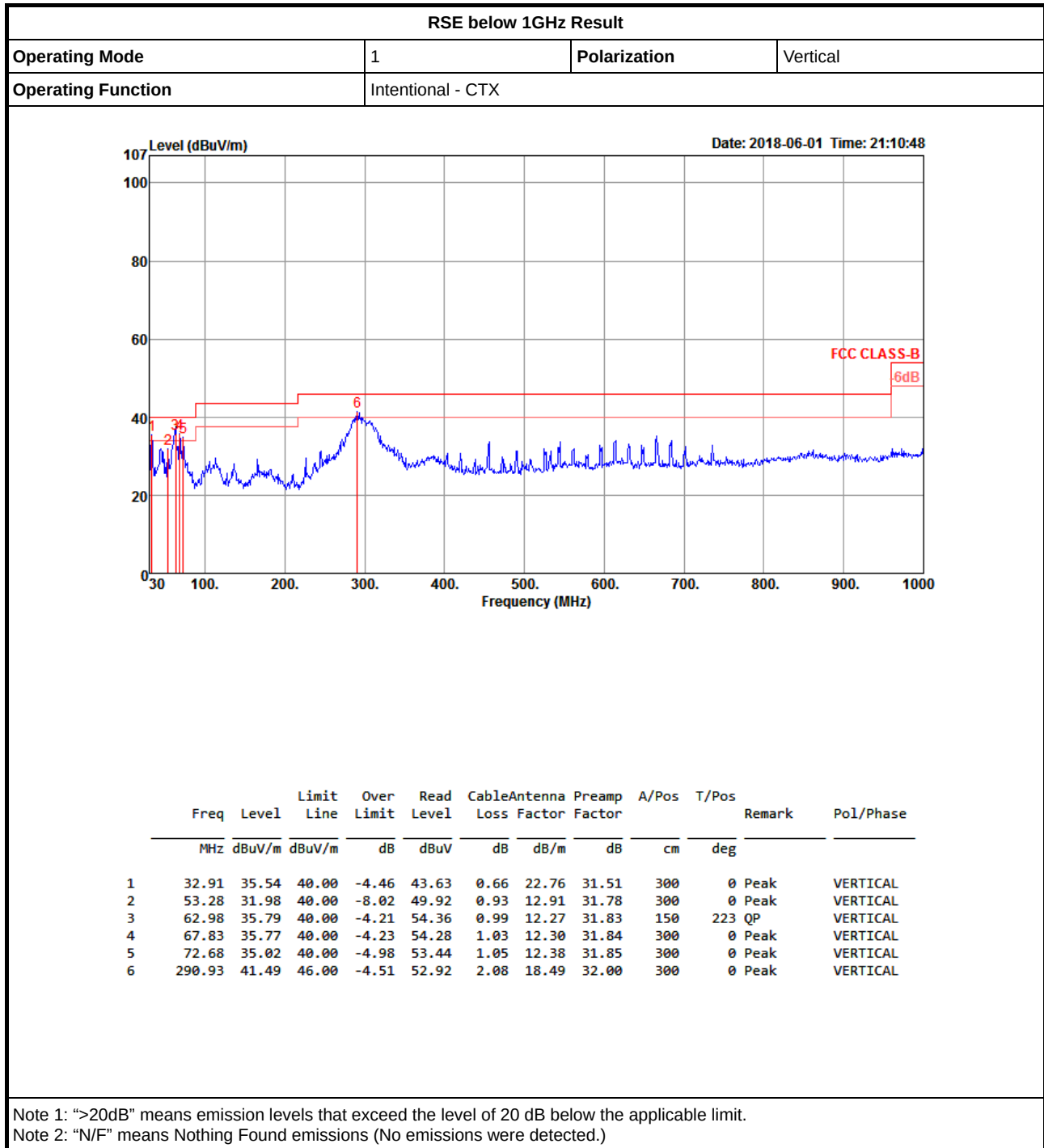
Appendix F.1





RSE below 1GHz Result and (Unintentional 1GHz~5th- CRX)

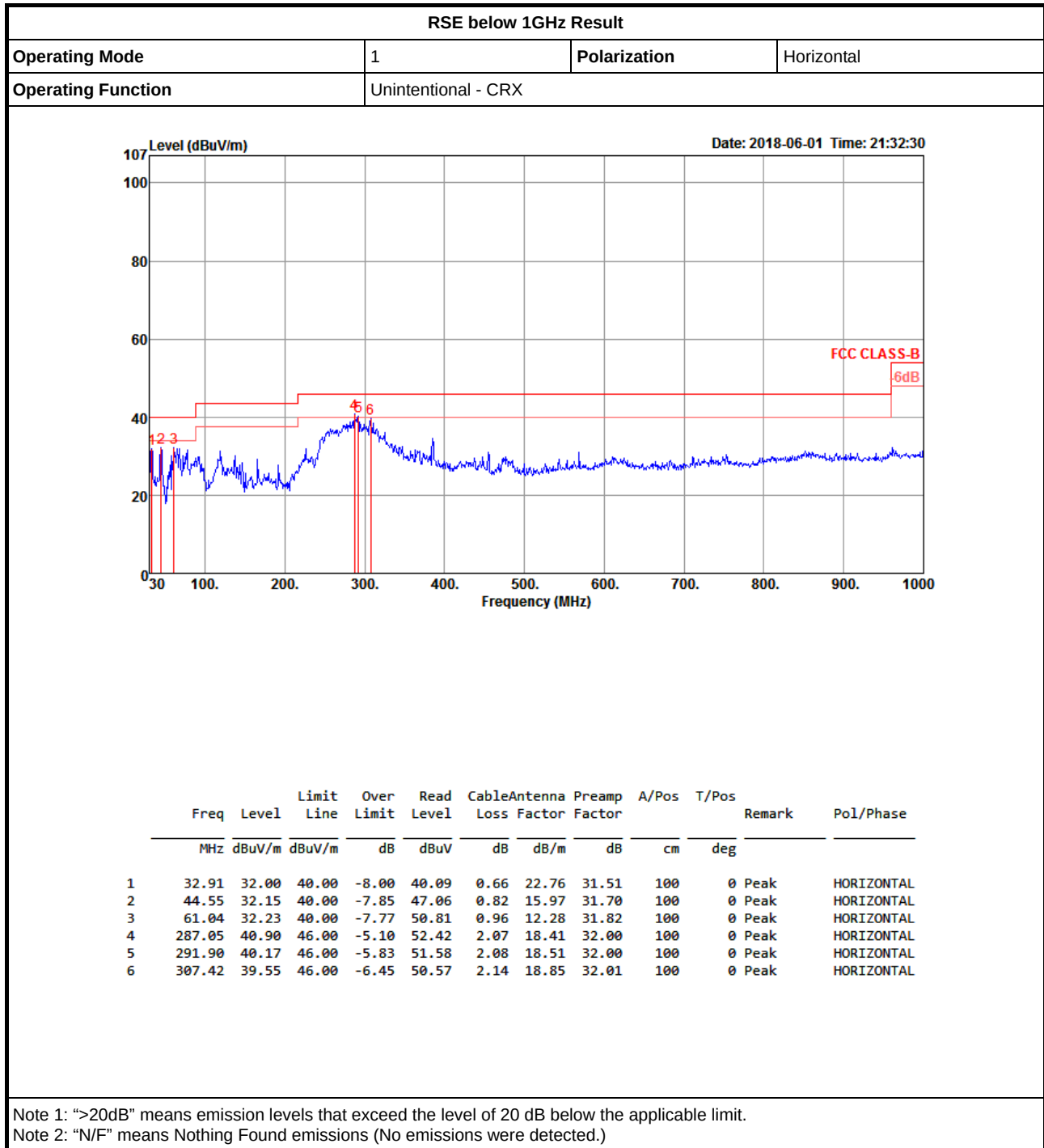
Appendix F.1





RSE below 1GHz Result and (Unintentional 1GHz~5th- CRX)

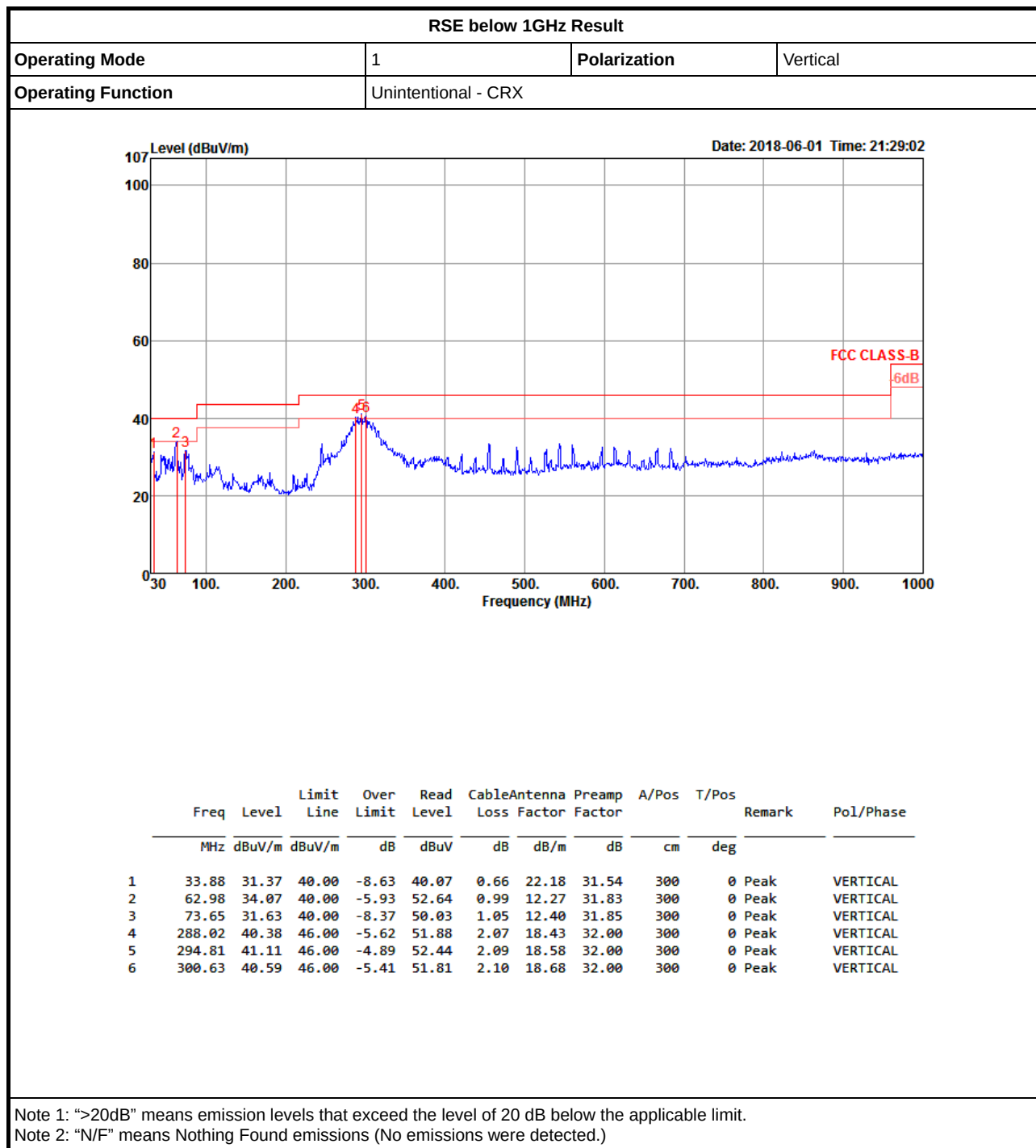
Appendix F.1





RSE below 1GHz Result and (Unintentional 1GHz~5th- CRX)

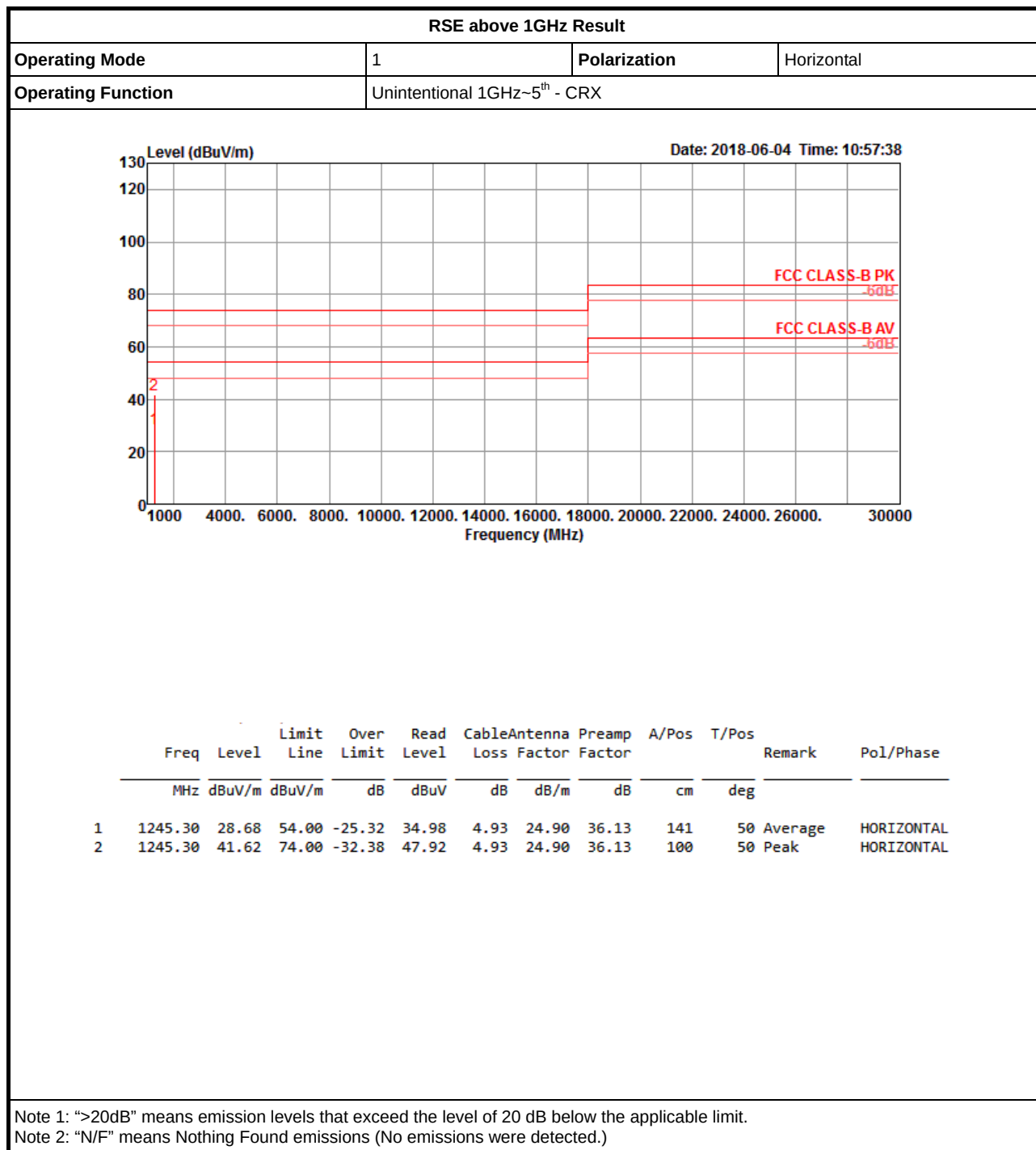
Appendix F.1





RSE below 1GHz Result and (Unintentional 1GHz~5th- CRX)

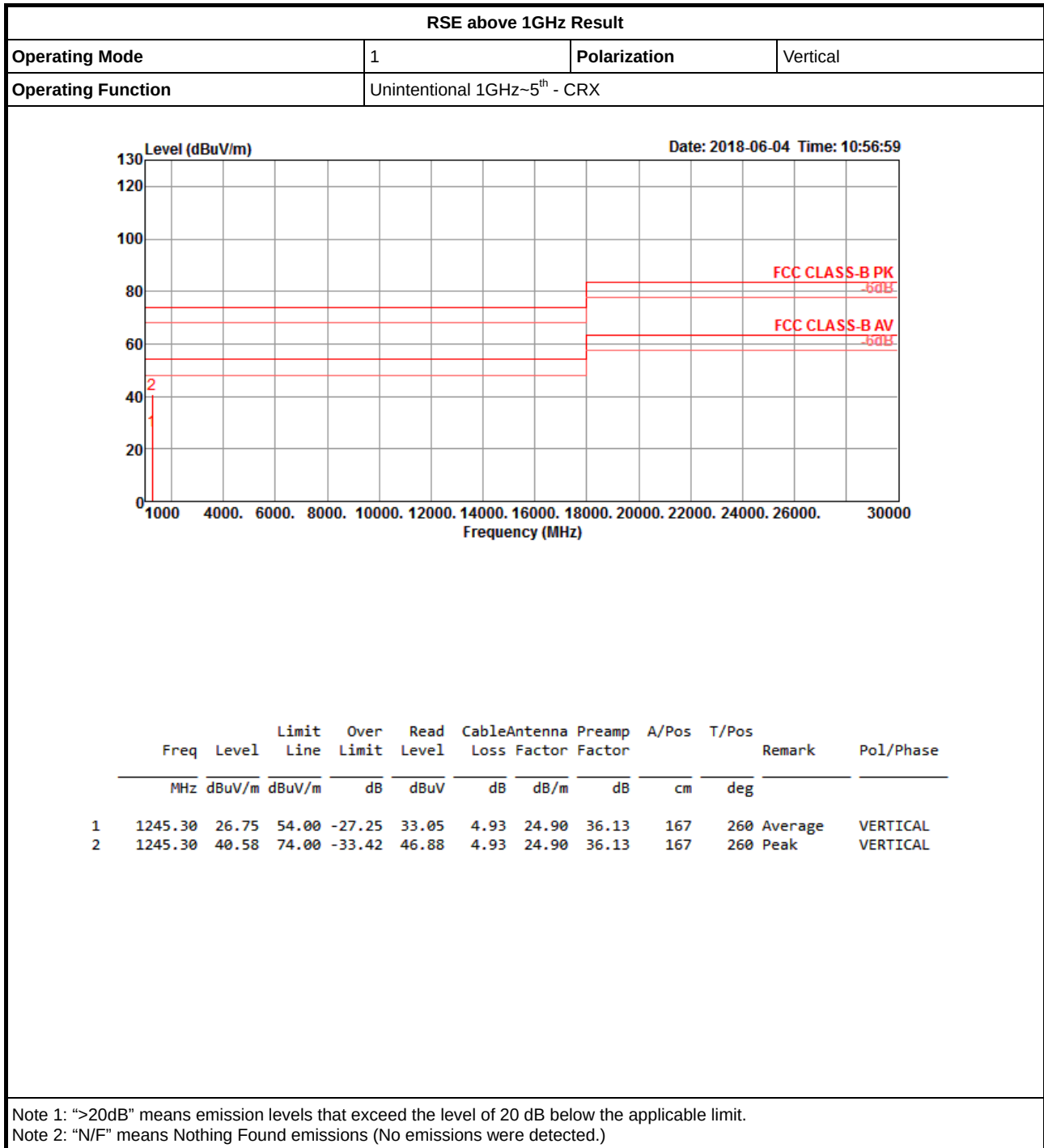
Appendix F.1





RSE below 1GHz Result and (Unintentional 1GHz~5th- CRX)

Appendix F.1





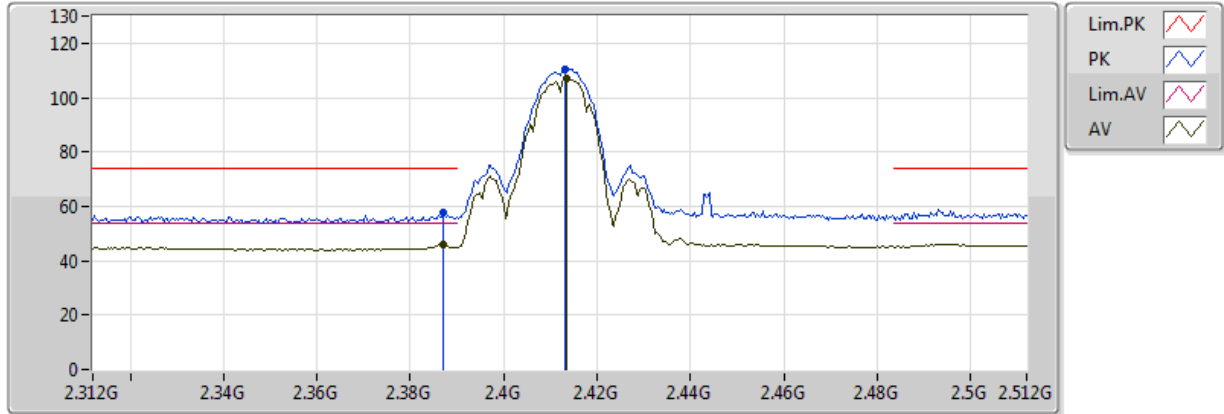
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.483502G	52.98	54.00	-1.02	32.41	3	Vertical	329	1.51	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/05/2018



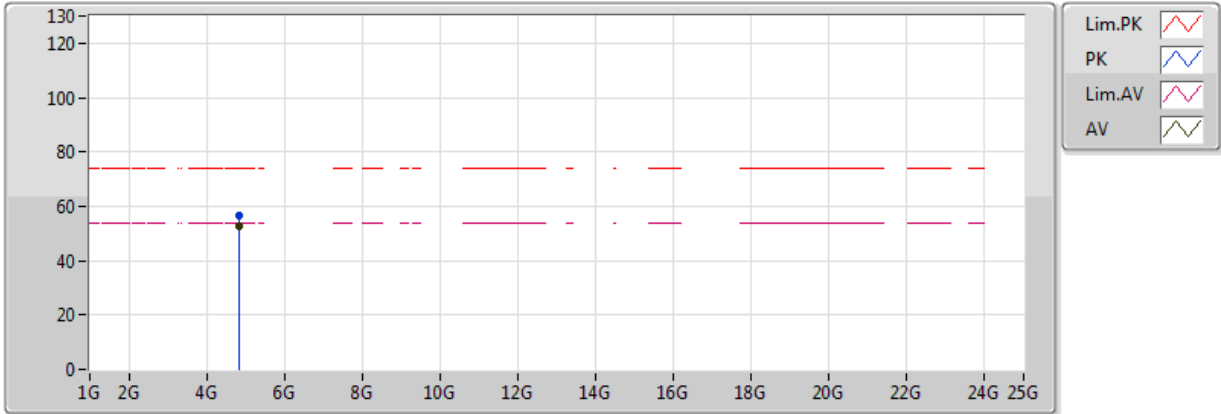
EUT_Z_2TX
Setting 16
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3872G	57.50	74.00	-16.50	32.12	3	Vertical	109	1.70	-
AV	2.3872G	46.03	54.00	-7.97	32.12	3	Vertical	109	1.70	-
PK	2.4132G	110.62	Inf	-Inf	32.20	3	Vertical	109	1.70	-
AV	2.4136G	107.12	Inf	-Inf	32.20	3	Vertical	109	1.70	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/05/2018



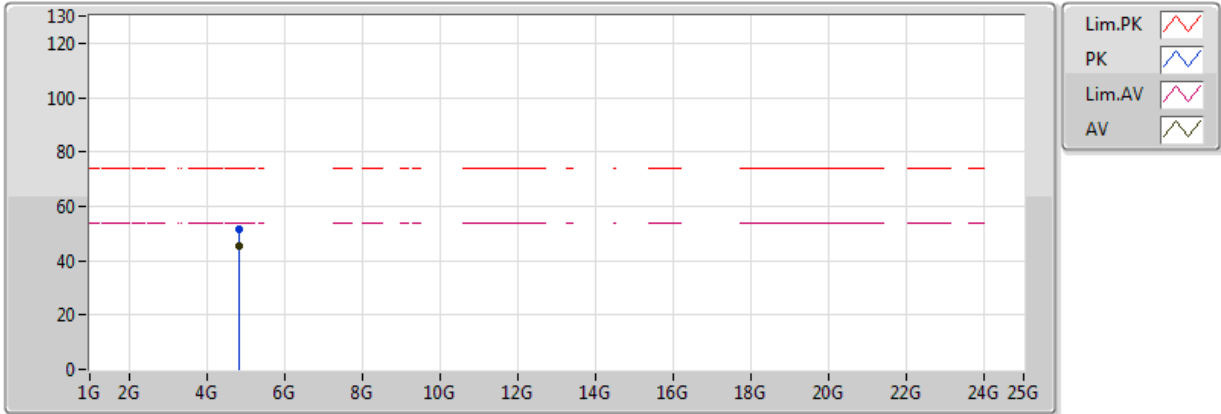
EUT_Z_2TX
Setting 16
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.823984G	56.52	74.00	-17.48	4.86	3	Vertical	155	1.59	-
AV	4.823972G	52.89	54.00	-1.11	4.86	3	Vertical	155	1.59	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/05/2018



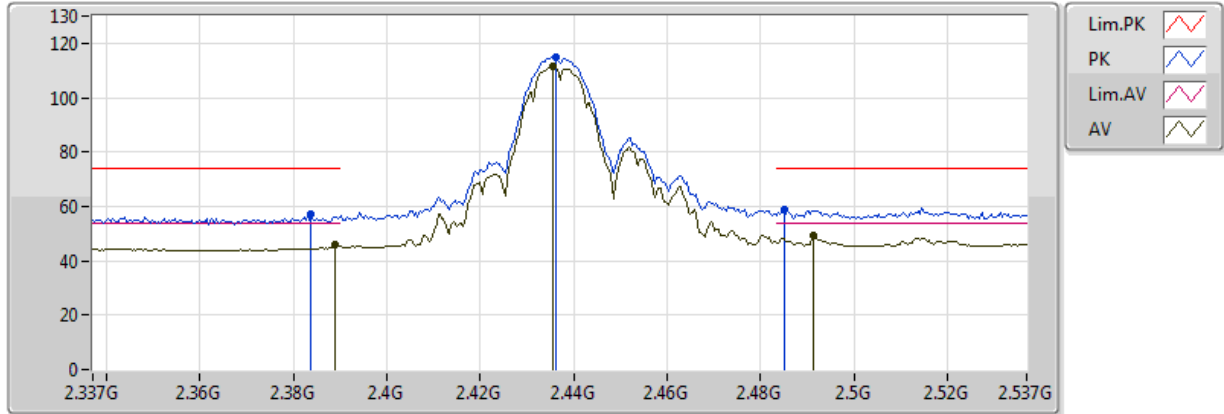
EUT_Z_2TX
Setting 16
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.824032G	51.59	74.00	-22.41	4.86	3	Horizontal	192	1.57	-
AV	4.823932G	45.36	54.00	-8.64	4.86	3	Horizontal	192	1.57	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/05/2018



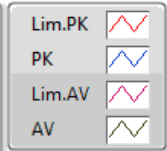
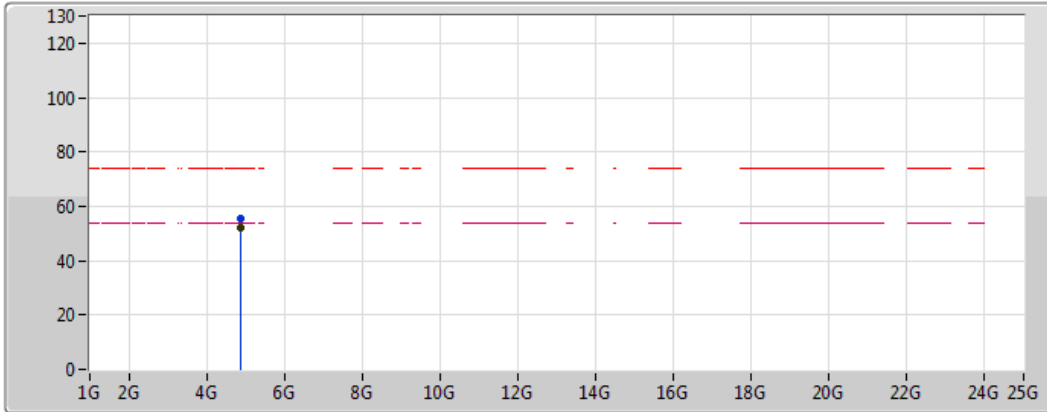
EUT_Z_2TX
Setting 19.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3838G	57.07	74.00	-16.93	32.11	3	Vertical	329	1.50	-
AV	2.389G	45.72	54.00	-8.28	32.13	3	Vertical	329	1.50	-
PK	2.4362G	114.87	Inf	-Inf	32.27	3	Vertical	329	1.50	-
AV	2.4354G	111.31	Inf	-Inf	32.27	3	Vertical	329	1.50	-
PK	2.485G	58.68	74.00	-15.32	32.42	3	Vertical	329	1.50	-
AV	2.4914G	49.12	54.00	-4.88	32.43	3	Vertical	329	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/05/2018



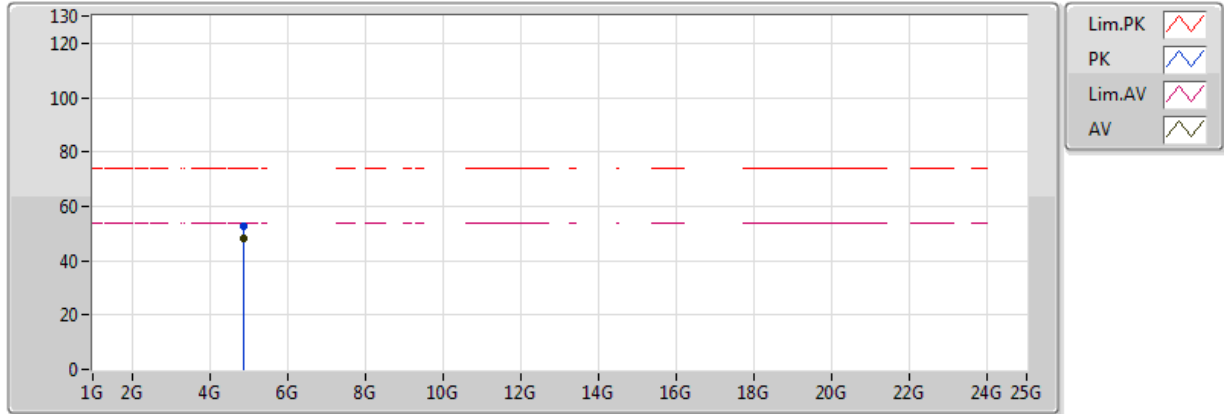
EUT_Z_2TX
Setting 19.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.874G	55.39	74.00	-18.61	4.91	3	Vertical	156	1.62	-
AV	4.87398G	52.11	54.00	-1.89	4.91	3	Vertical	156	1.62	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/05/2018



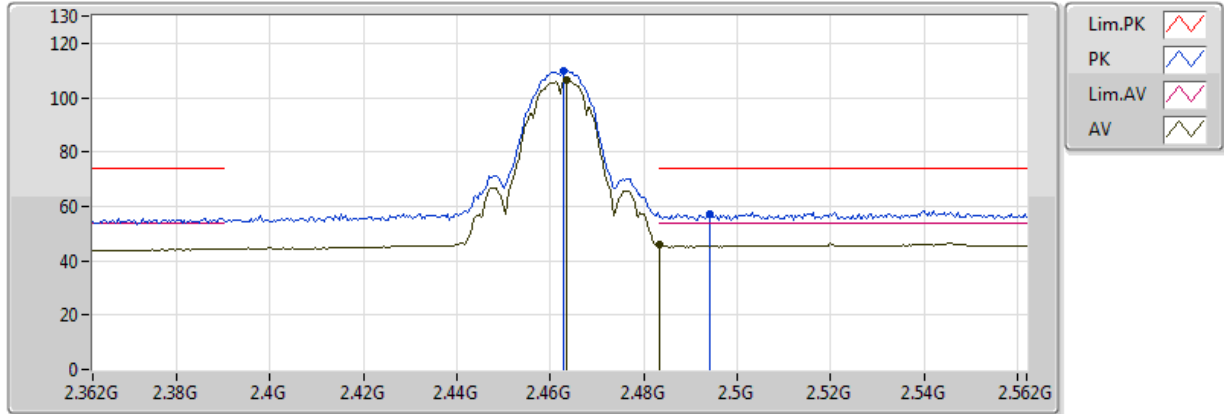
EUT_Z_2TX
Setting 19.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.87386G	52.95	74.00	-21.05	4.91	3	Horizontal	193	1.50	-
AV	4.87396G	48.01	54.00	-5.99	4.91	3	Horizontal	193	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/05/2018



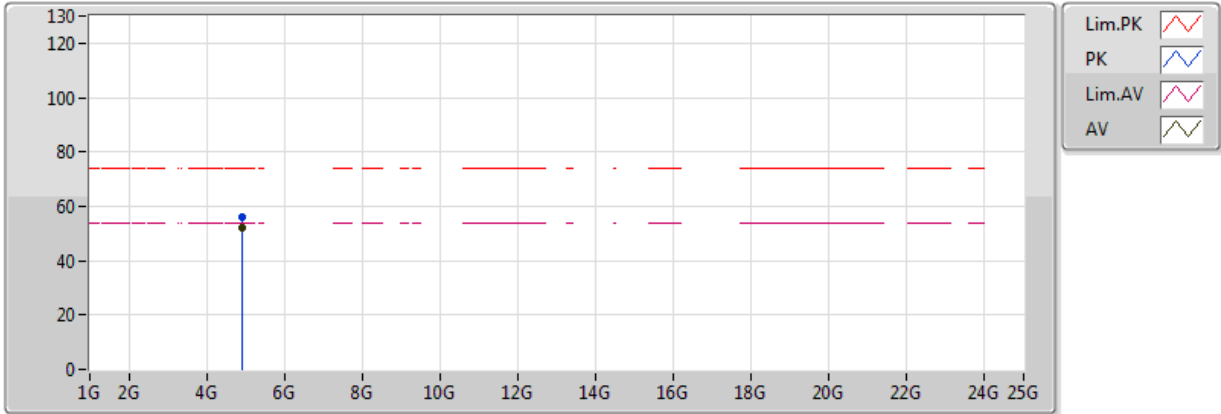
EUT_Z_2TX
Setting 13.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4628G	110.03	Inf	-Inf	32.35	3	Vertical	325	1.50	-
AV	2.4636G	106.33	Inf	-Inf	32.35	3	Vertical	325	1.50	-
PK	2.494G	57.08	74.00	-16.92	32.44	3	Vertical	325	1.50	-
AV	2.483502G	45.68	54.00	-8.32	32.42	3	Vertical	325	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/05/2018



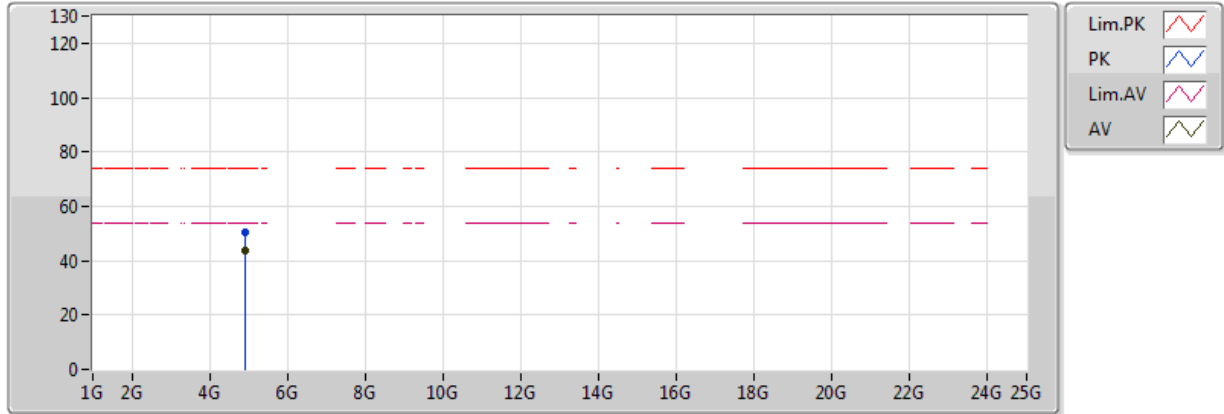
EUT_Z_2TX
Setting 13.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92399G	55.76	74.00	-18.24	4.98	3	Vertical	179	1.54	-
AV	4.92395G	52.04	54.00	-1.96	4.98	3	Vertical	179	1.54	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/05/2018



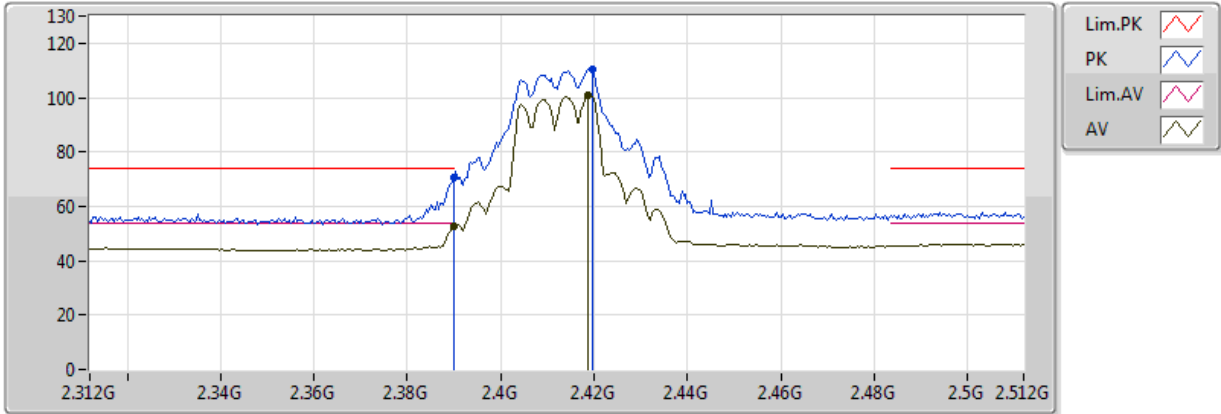
EUT_Z_2TX
Setting 13.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92377G	50.43	74.00	-23.57	4.98	3	Horizontal	190	1.66	-
AV	4.92395G	43.54	54.00	-10.46	4.98	3	Horizontal	190	1.66	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/05/2018



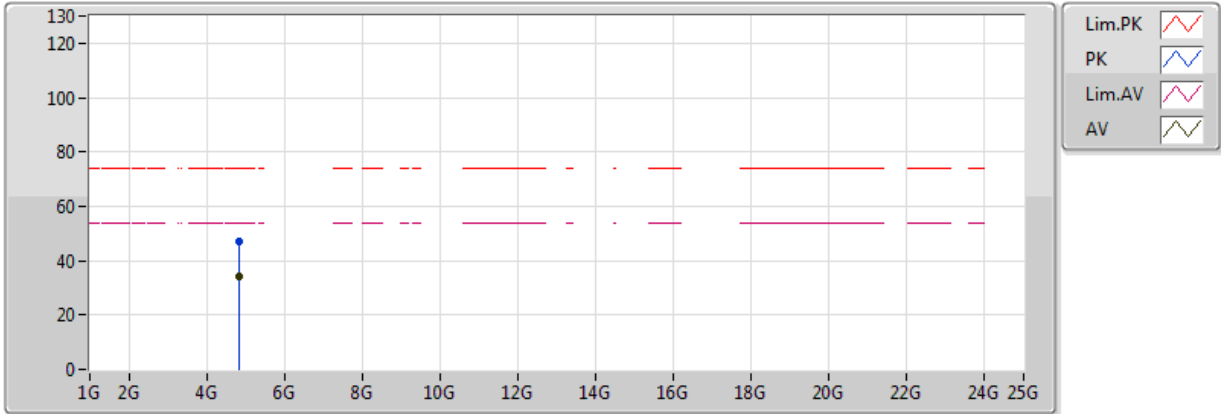
EUT_Z_2TX
Setting 12
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389998G	70.72	74.00	-3.28	32.13	3	Vertical	260	1.86	-
AV	2.389998G	52.91	54.00	-1.09	32.13	3	Vertical	260	1.86	-
PK	2.4196G	110.63	Inf	-Inf	32.22	3	Vertical	260	1.86	-
AV	2.4188G	100.96	Inf	-Inf	32.22	3	Vertical	260	1.86	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/05/2018



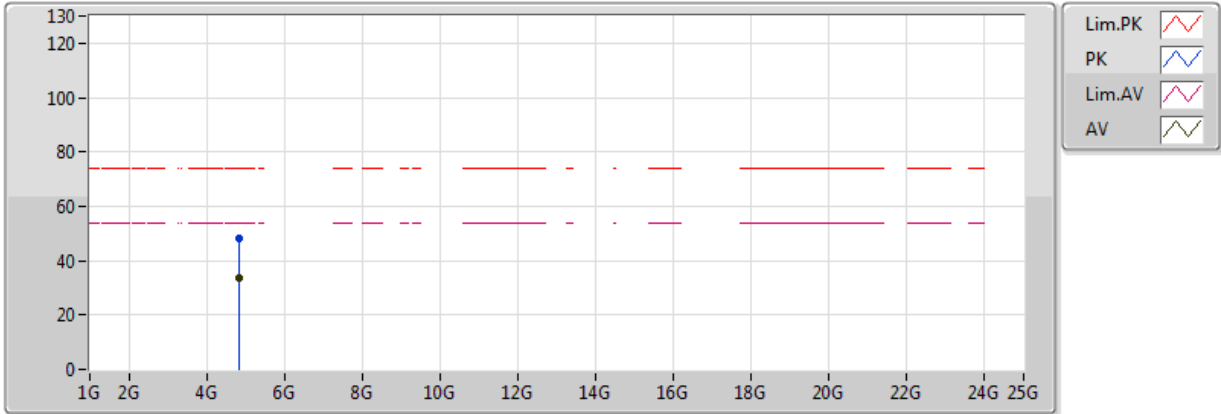
EUT_Z_2TX
Setting 12
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.824552G	47.17	74.00	-26.83	4.86	3	Vertical	39	1.75	-
AV	4.823216G	34.21	54.00	-19.79	4.86	3	Vertical	39	1.75	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/05/2018



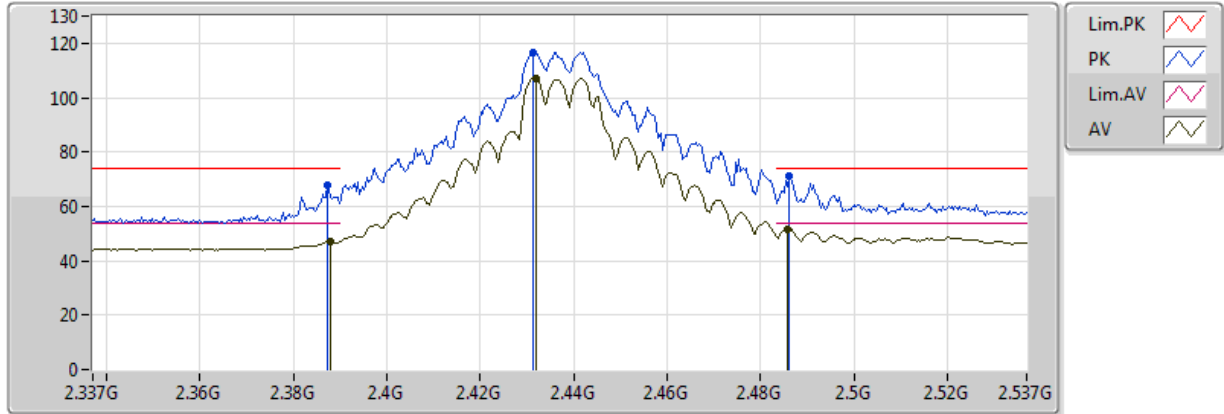
EUT_Z_2TX
Setting 12
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.823204G	48.09	74.00	-25.91	4.86	3	Horizontal	289	1.34	-
AV	4.823204G	33.90	54.00	-20.10	4.86	3	Horizontal	289	1.34	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

26/05/2018



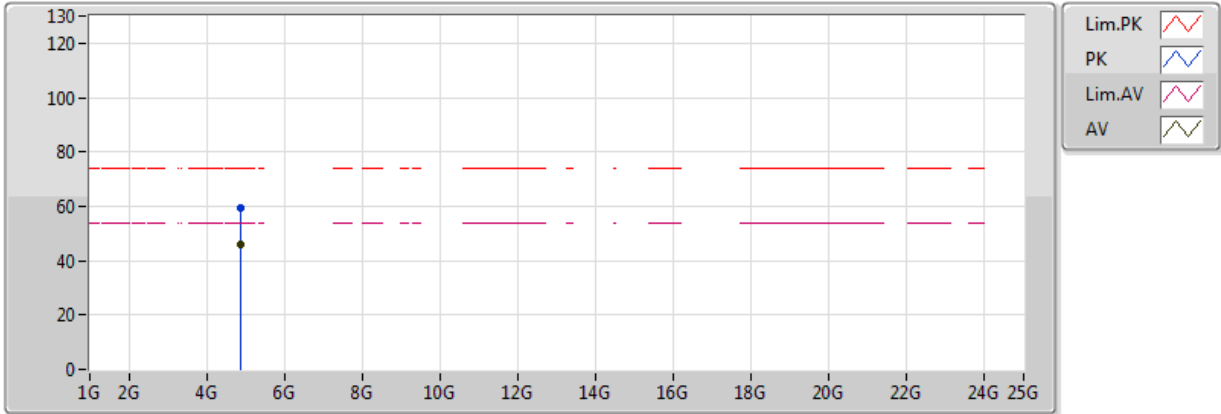
EUT_Z_2TX
Setting 21
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3874G	67.63	74.00	-6.37	32.12	3	Vertical	267	1.65	-
AV	2.3878G	47.01	54.00	-6.99	32.13	3	Vertical	267	1.65	-
PK	2.4314G	116.80	Inf	-Inf	32.25	3	Vertical	267	1.65	-
AV	2.4318G	107.19	Inf	-Inf	32.26	3	Vertical	267	1.65	-
PK	2.4862G	71.23	74.00	-2.77	32.42	3	Vertical	267	1.65	-
AV	2.4858G	51.70	54.00	-2.30	32.42	3	Vertical	267	1.65	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

26/05/2018



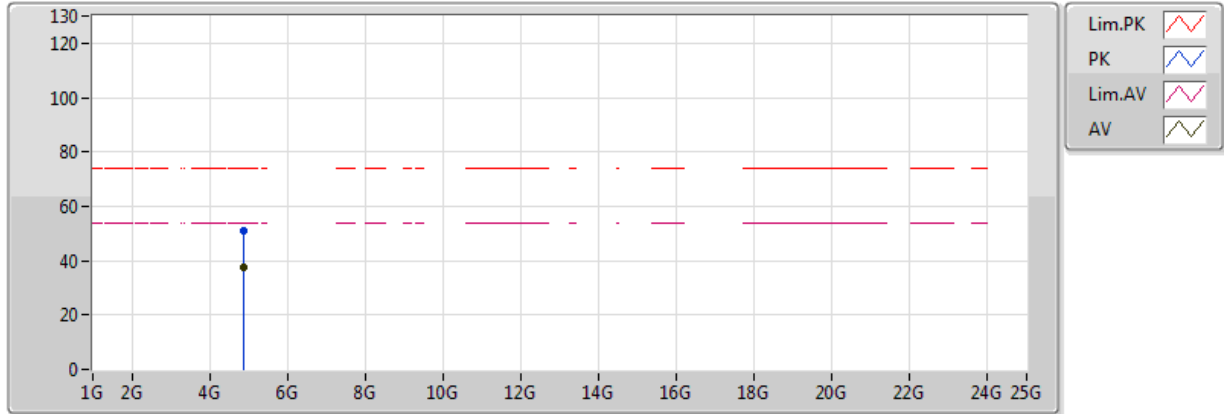
EUT_Z_2TX
Setting 21
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.8744G	59.59	74.00	-14.41	4.91	3	Vertical	153	1.60	-
AV	4.8743G	45.83	54.00	-8.17	4.91	3	Vertical	153	1.60	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

26/05/2018



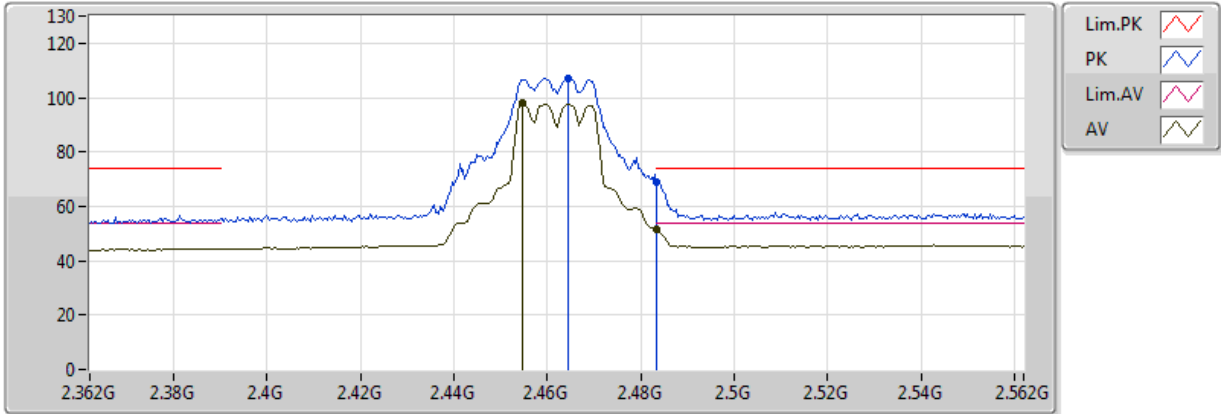
EUT_Z_2TX
Setting 21
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.8746G	51.17	74.00	-22.83	4.91	3	Horizontal	191	1.57	-
AV	4.8745G	37.38	54.00	-16.62	4.91	3	Horizontal	191	1.57	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/05/2018



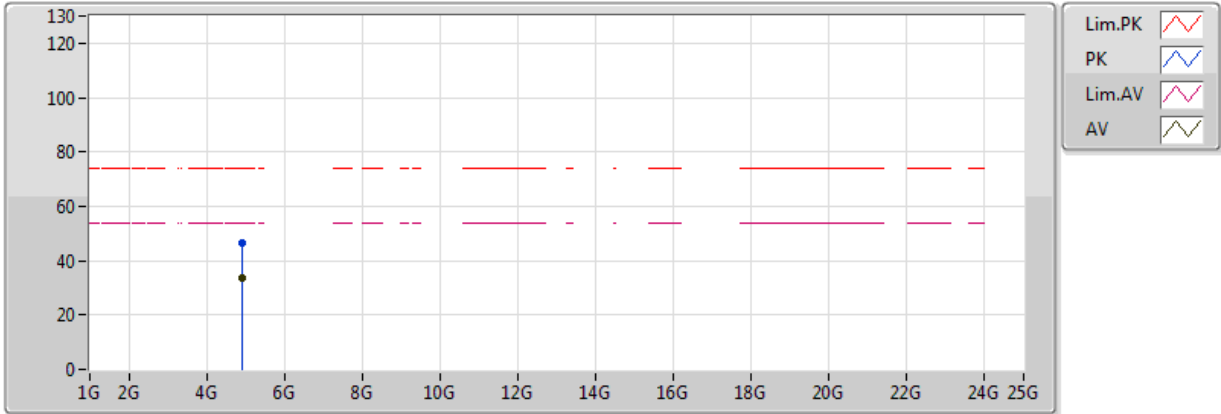
EUT_Z_2TX
Setting 8.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4644G	107.19	Inf	-Inf	32.35	3	Vertical	329	1.78	-
AV	2.4548G	97.79	Inf	-Inf	32.32	3	Vertical	329	1.78	-
PK	2.483502G	68.93	74.00	-5.07	32.42	3	Vertical	329	1.78	-
AV	2.483502G	51.52	54.00	-2.48	32.42	3	Vertical	329	1.78	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/05/2018



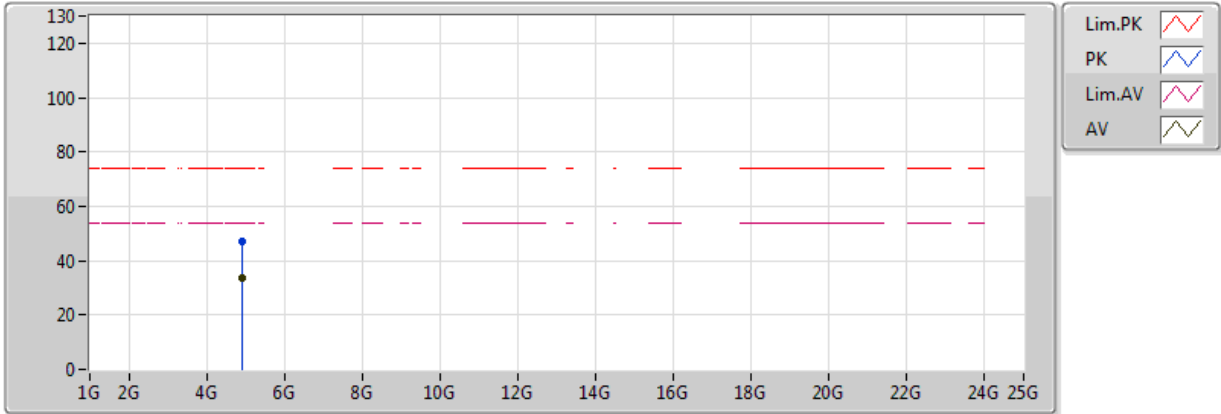
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Setting 8.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92325G	46.60	74.00	-27.40	4.97	3	Vertical	251	1.66	-
AV	4.92409G	33.58	54.00	-20.42	4.98	3	Vertical	251	1.66	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/05/2018



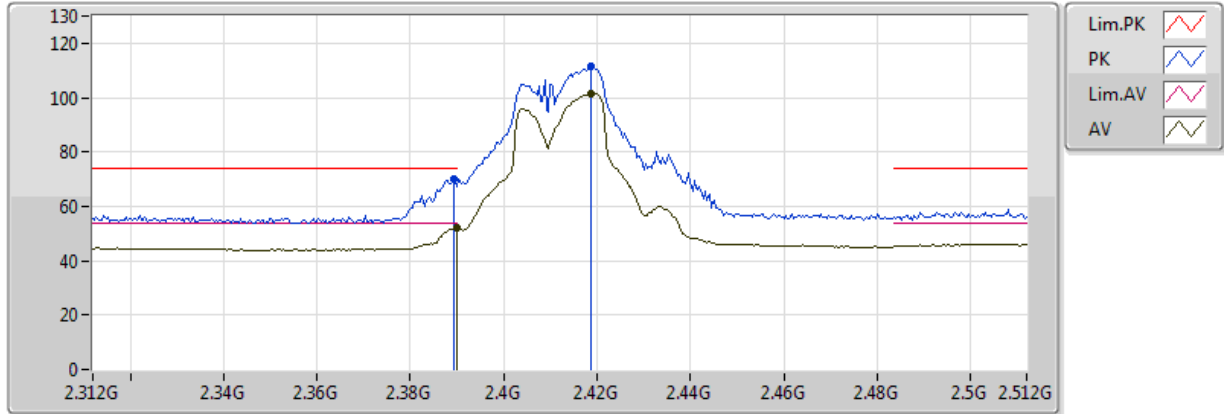
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Setting 8.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92454G	47.08	74.00	-26.92	4.98	3	Horizontal	182	1.54	-
AV	4.92423G	33.48	54.00	-20.52	4.98	3	Horizontal	182	1.54	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/05/2018



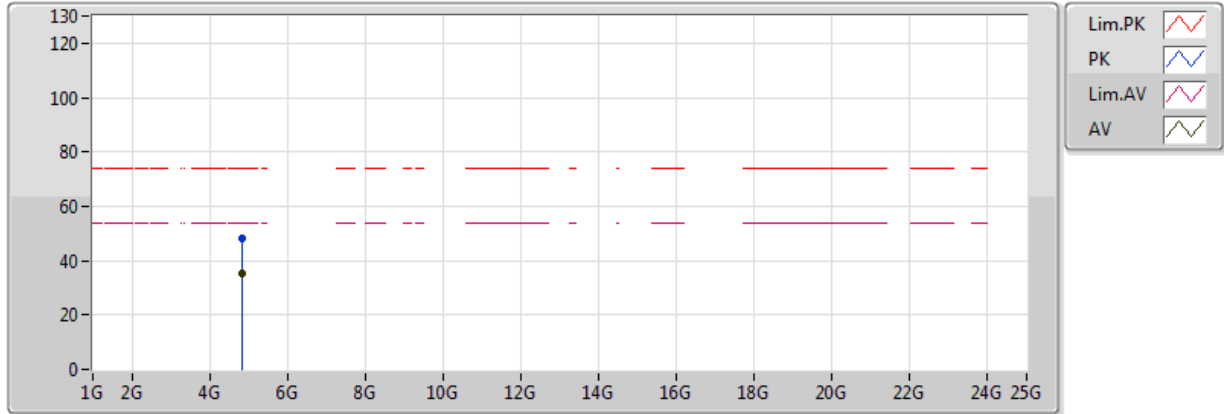
EUT Z_2TX
Setting 11.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3892G	69.89	74.00	-4.11	32.13	3	Vertical	267	1.99	-
AV	2.389998G	52.08	54.00	-1.92	32.13	3	Vertical	267	1.99	-
PK	2.4188G	111.65	Inf	-Inf	32.22	3	Vertical	267	1.99	-
AV	2.4188G	101.40	Inf	-Inf	32.22	3	Vertical	267	1.99	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/05/2018



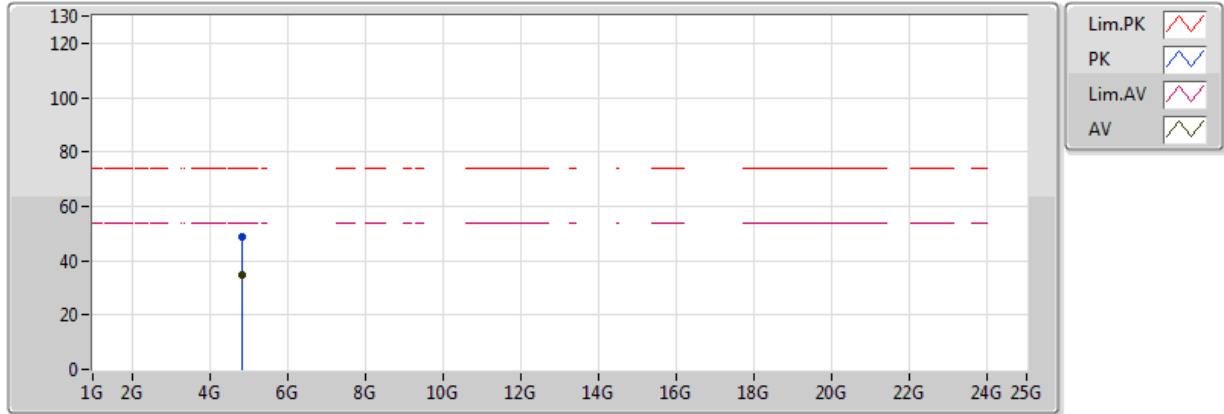
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Setting 11.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.82243G	48.05	74.00	-25.95	4.85	3	Vertical	271	1.12	-
AV	4.82181G	35.19	54.00	-18.81	4.85	3	Vertical	271	1.12	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/05/2018



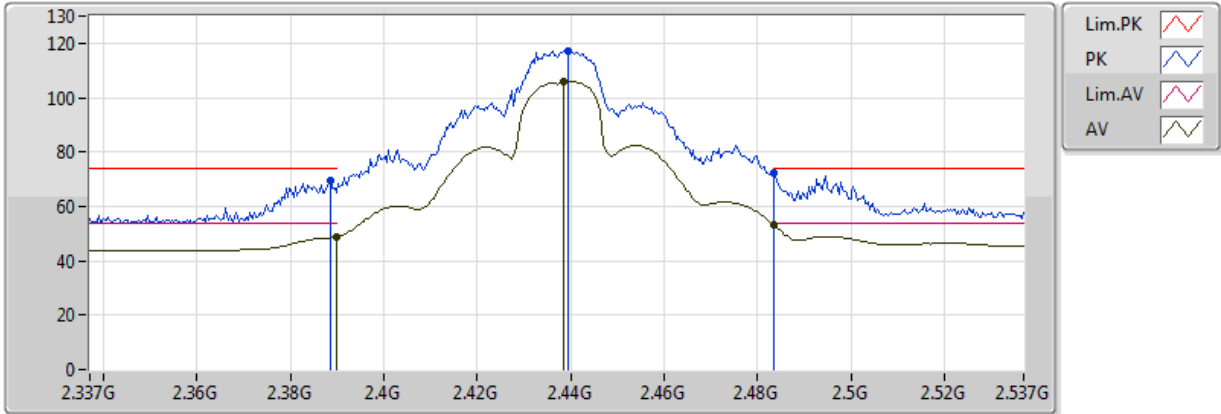
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Setting 11.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.82217G	48.73	74.00	-25.27	4.85	3	Horizontal	140	1.80	-
AV	4.82217G	34.69	54.00	-19.31	4.85	3	Horizontal	140	1.80	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

26/05/2018



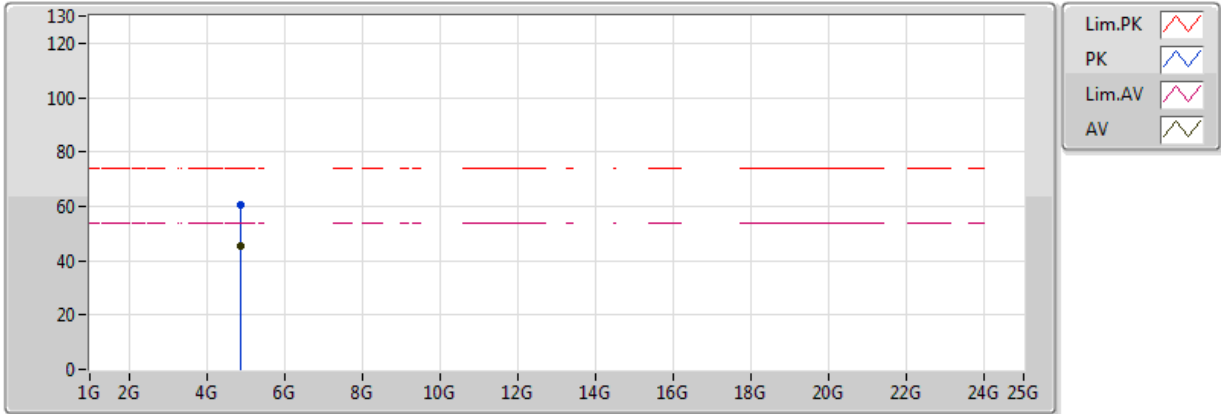
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Setting 21.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3886G	69.32	74.00	-4.68	32.12	3	Vertical	329	1.51	-
AV	2.3898G	48.77	54.00	-5.23	32.13	3	Vertical	329	1.51	-
PK	2.4394G	117.05	Inf	-Inf	32.28	3	Vertical	329	1.51	-
AV	2.4386G	106.02	Inf	-Inf	32.28	3	Vertical	329	1.51	-
PK	2.483502G	72.30	74.00	-1.70	32.41	3	Vertical	329	1.51	-
AV	2.483502G	52.98	54.00	-1.02	32.41	3	Vertical	329	1.51	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

26/05/2018



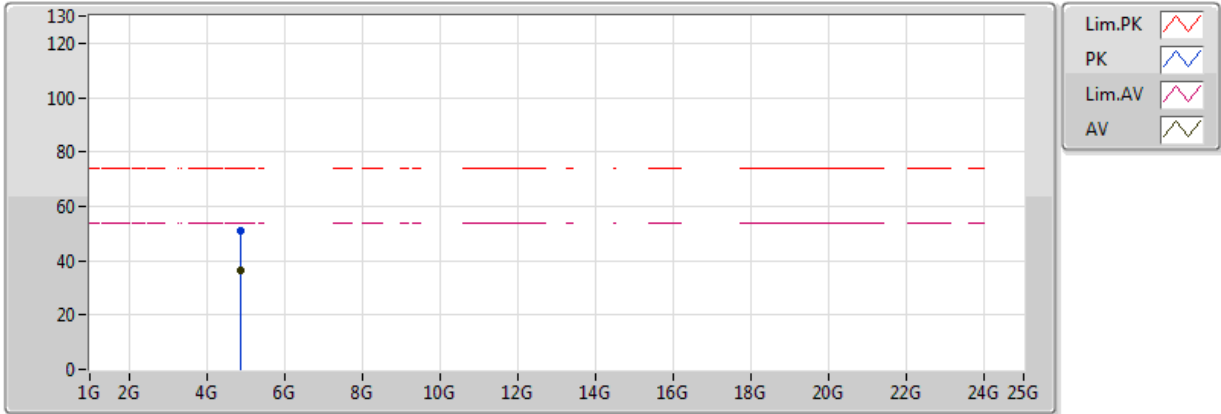
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Setting 21.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.8734G	60.41	74.00	-13.59	4.91	3	Vertical	155	1.57	-
AV	4.8748G	45.47	54.00	-8.53	4.91	3	Vertical	155	1.57	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

26/05/2018



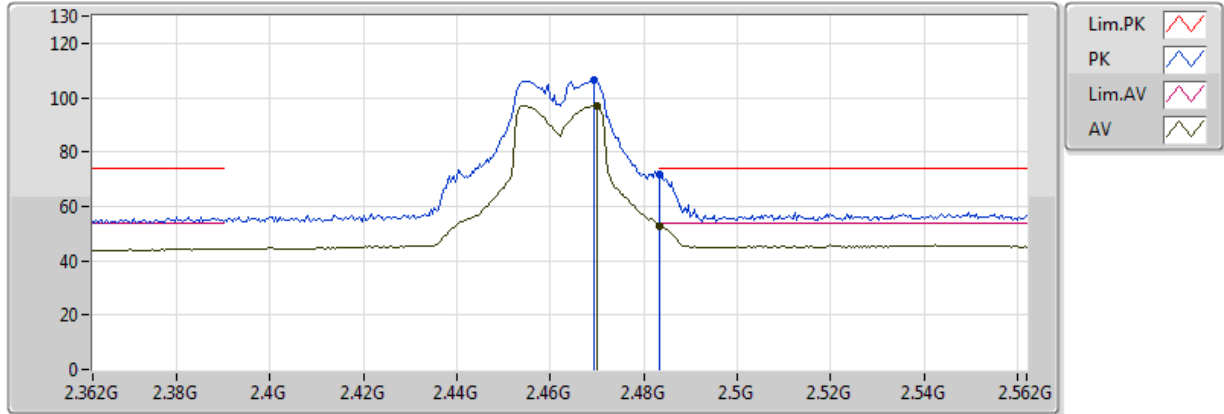
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Setting 21.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.874G	51.03	74.00	-22.97	4.91	3	Horizontal	192	1.65	-
AV	4.8745G	36.68	54.00	-17.32	4.91	3	Horizontal	192	1.65	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/05/2018



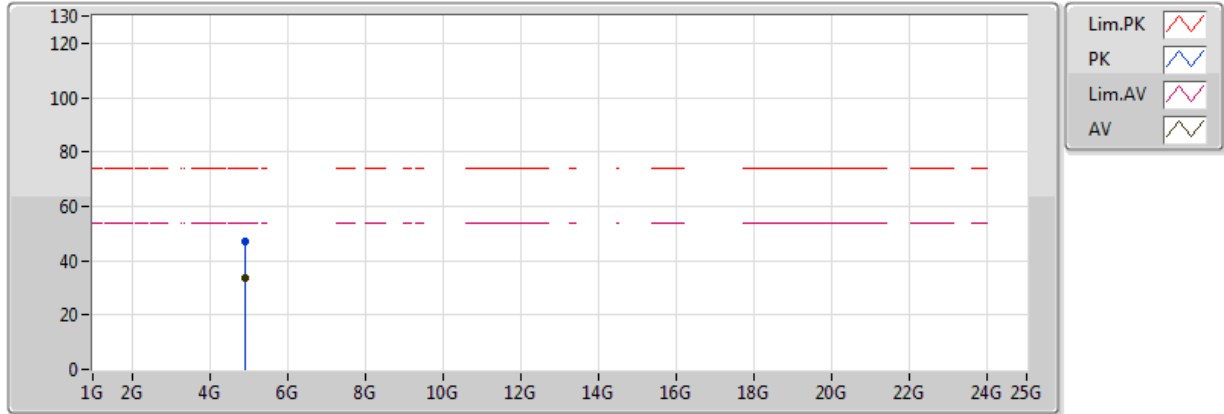
EUT_Z_2TX
Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4692G	106.34	Inf	-Inf	32.37	3	Vertical	327	1.70	-
AV	2.47G	96.90	Inf	-Inf	32.37	3	Vertical	327	1.70	-
PK	2.483502G	71.46	74.00	-2.54	32.41	3	Vertical	327	1.70	-
AV	2.483502G	52.95	54.00	-1.05	32.41	3	Vertical	327	1.70	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/05/2018



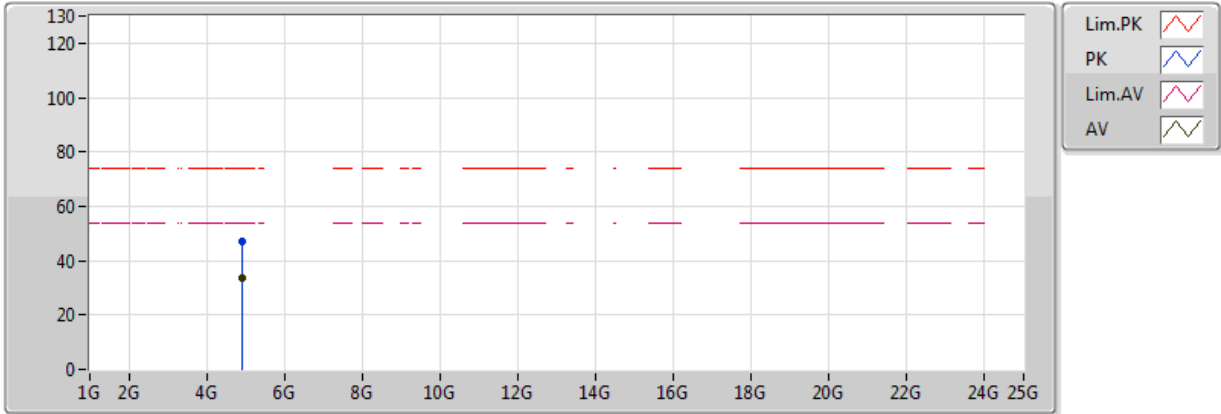
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Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92269G	46.81	74.00	-27.19	4.97	3	Vertical	277	1.73	-
AV	4.9264G	33.56	54.00	-20.44	4.98	3	Vertical	277	1.73	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/05/2018



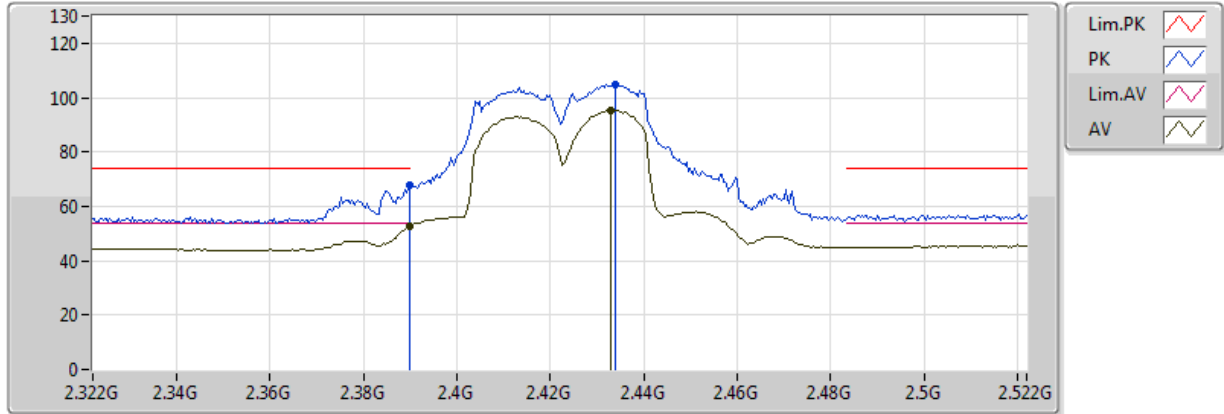
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Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92353G	46.83	74.00	-27.17	4.98	3	Horizontal	86	1.43	-
AV	4.92332G	33.43	54.00	-20.57	4.97	3	Horizontal	86	1.43	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/05/2018



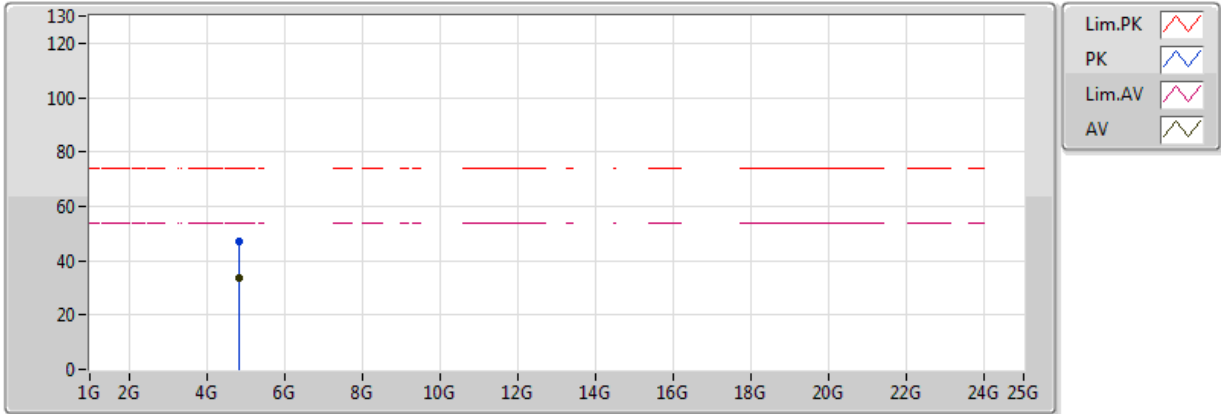
EUT_Z_2TX
Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389998G	67.62	74.00	-6.38	32.13	3	Vertical	328	1.80	-
AV	2.389998G	52.77	54.00	-1.23	32.13	3	Vertical	328	1.80	-
PK	2.434G	104.61	Inf	-Inf	32.26	3	Vertical	328	1.80	-
AV	2.4328G	95.38	Inf	-Inf	32.26	3	Vertical	328	1.80	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/05/2018



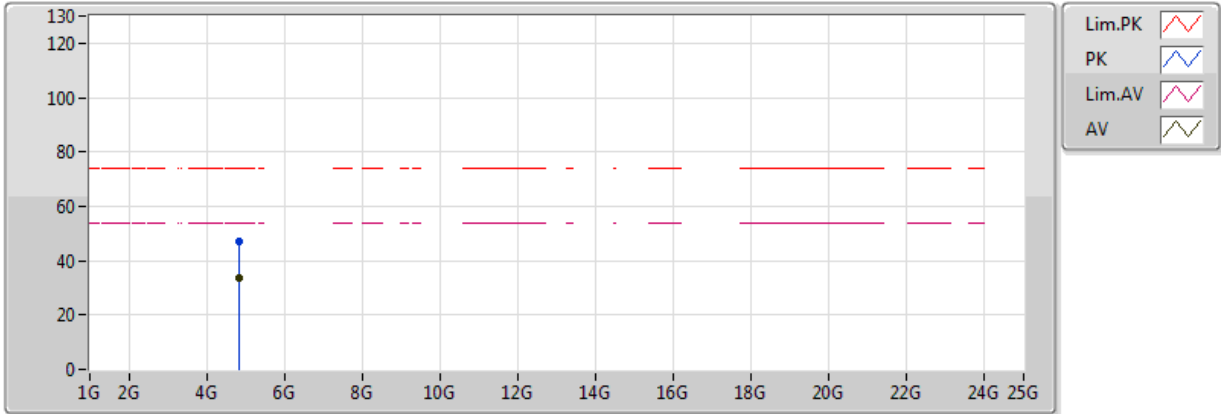
EUT_Z_2TX
Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.84561G	47.28	74.00	-26.72	4.88	3	Vertical	105	2.07	-
AV	4.84295G	33.54	54.00	-20.46	4.88	3	Vertical	105	2.07	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/05/2018



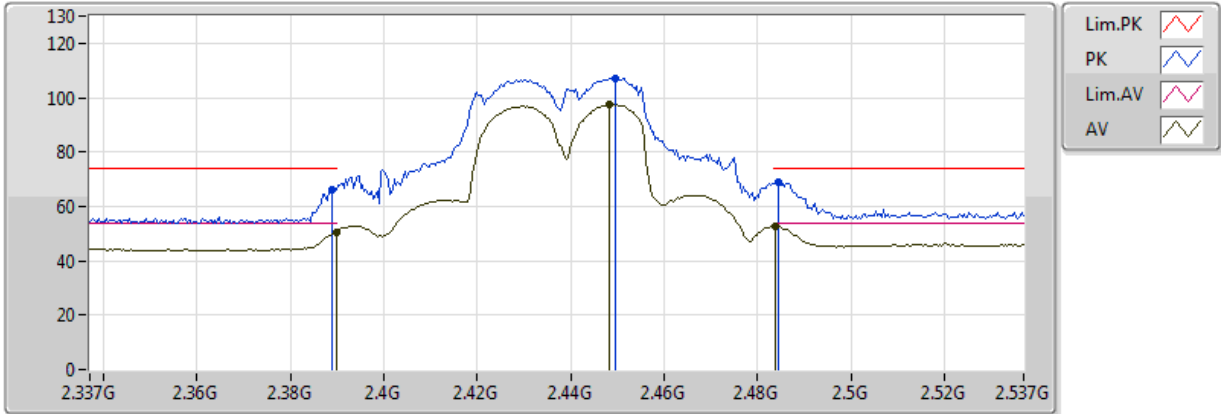
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Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.84554G	47.06	74.00	-26.94	4.88	3	Horizontal	241	1.92	-
AV	4.843G	33.61	54.00	-20.39	4.88	3	Horizontal	241	1.92	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/05/2018



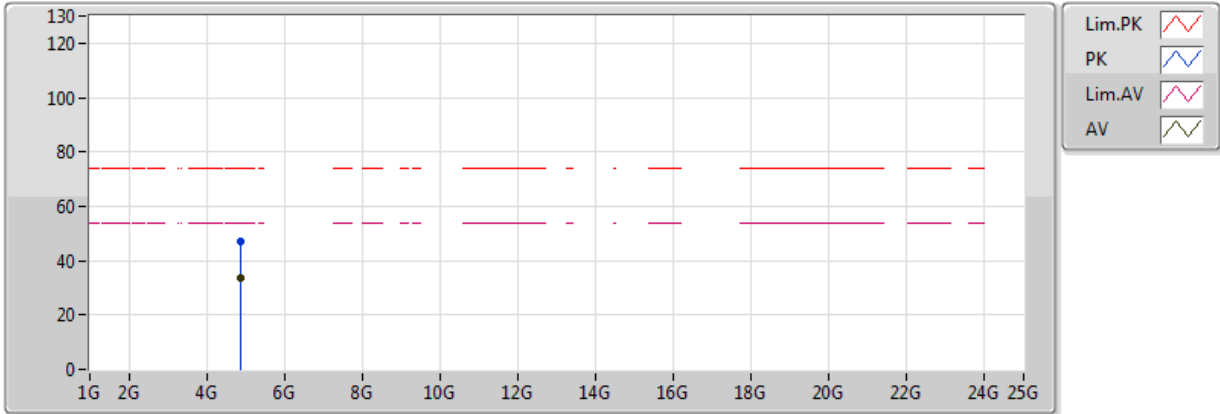
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Setting 10.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.389G	66.34	74.00	-7.66	32.13	3	Vertical	331	1.54	-
AV	2.3898G	50.70	54.00	-3.30	32.13	3	Vertical	331	1.54	-
PK	2.4494G	107.20	Inf	-Inf	32.31	3	Vertical	331	1.54	-
AV	2.4482G	97.64	Inf	-Inf	32.30	3	Vertical	331	1.54	-
PK	2.4846G	68.96	74.00	-5.04	32.42	3	Vertical	331	1.54	-
AV	2.4838G	52.84	54.00	-1.16	32.42	3	Vertical	331	1.54	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/05/2018



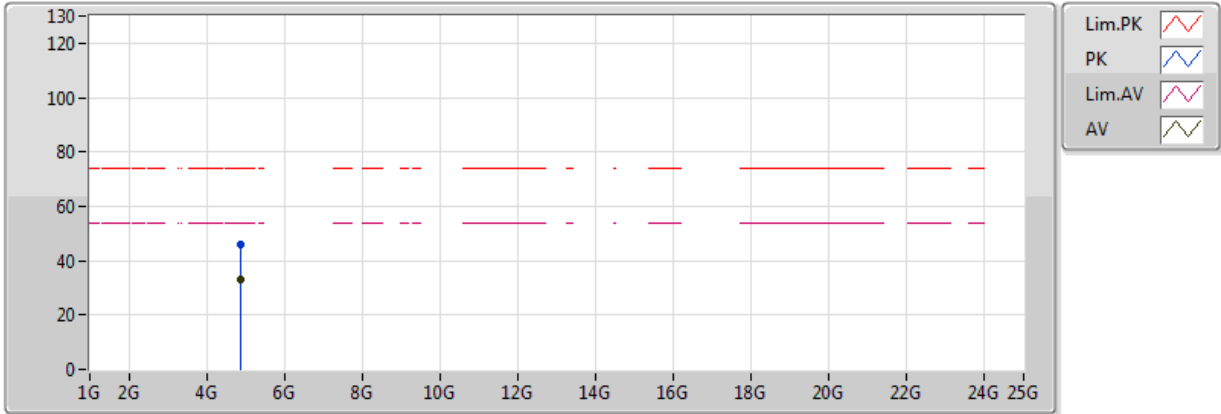
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Setting 10.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.8726G	47.20	74.00	-26.80	4.91	3	Vertical	81	1.50	-
AV	4.87616G	33.68	54.00	-20.32	4.91	3	Vertical	81	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/05/2018



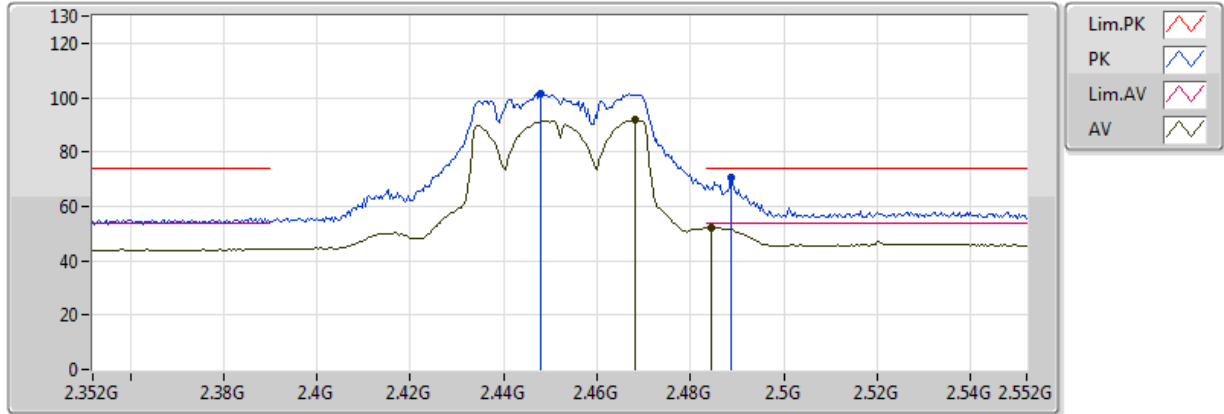
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Setting 10.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.87388G	46.20	74.00	-27.80	4.91	3	Horizontal	193	1.50	-
AV	4.86948G	33.17	54.00	-20.83	4.91	3	Horizontal	193	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

26/05/2018



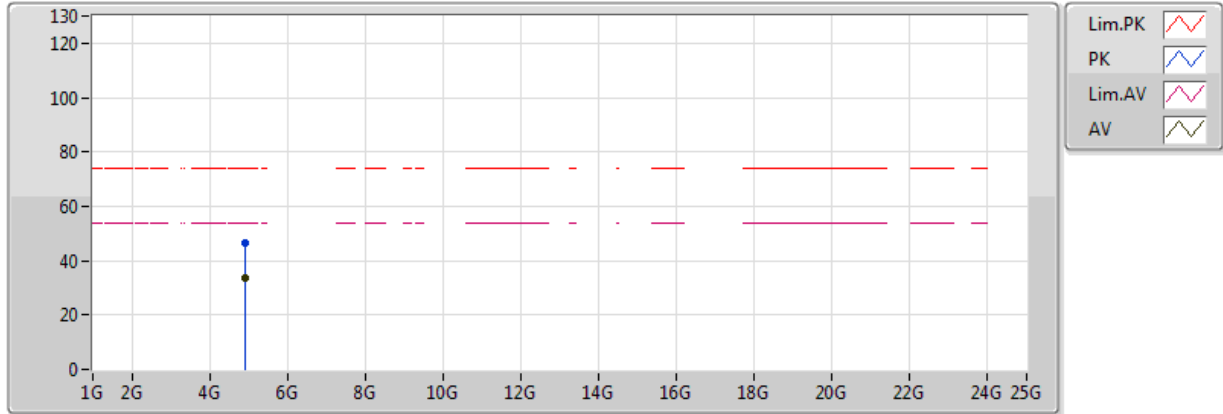
EUT_Z_2TX
Setting 7
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.448G	101.42	Inf	-Inf	32.30	3	Vertical	260	1.50	-
AV	2.468G	91.78	Inf	-Inf	32.36	3	Vertical	260	1.50	-
PK	2.4888G	70.81	74.00	-3.19	32.43	3	Vertical	260	1.50	-
AV	2.4844G	52.39	54.00	-1.61	32.42	3	Vertical	260	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

26/05/2018



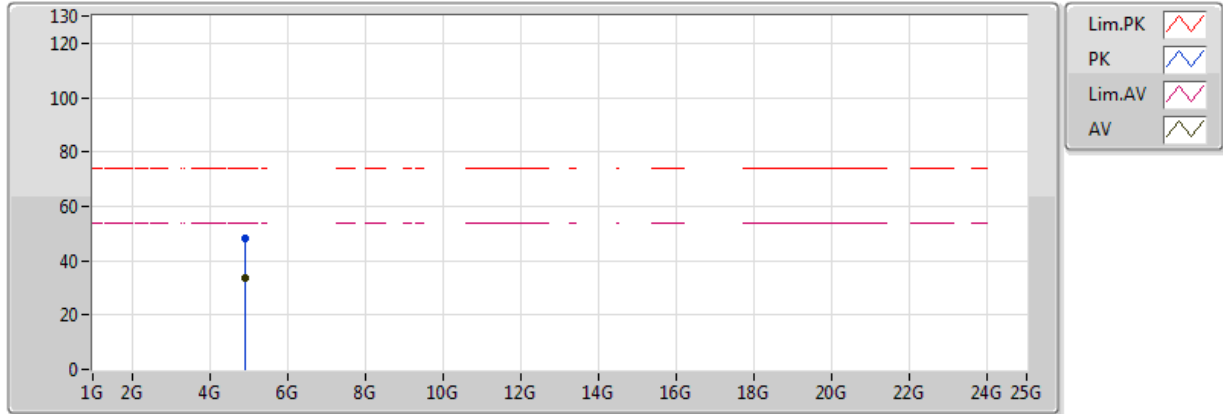
EUT Z_2TX
Setting 7
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.90213G	46.53	74.00	-27.47	4.94	3	Vertical	98	1.77	-
AV	4.90606G	33.74	54.00	-20.26	4.95	3	Vertical	98	1.77	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

26/05/2018



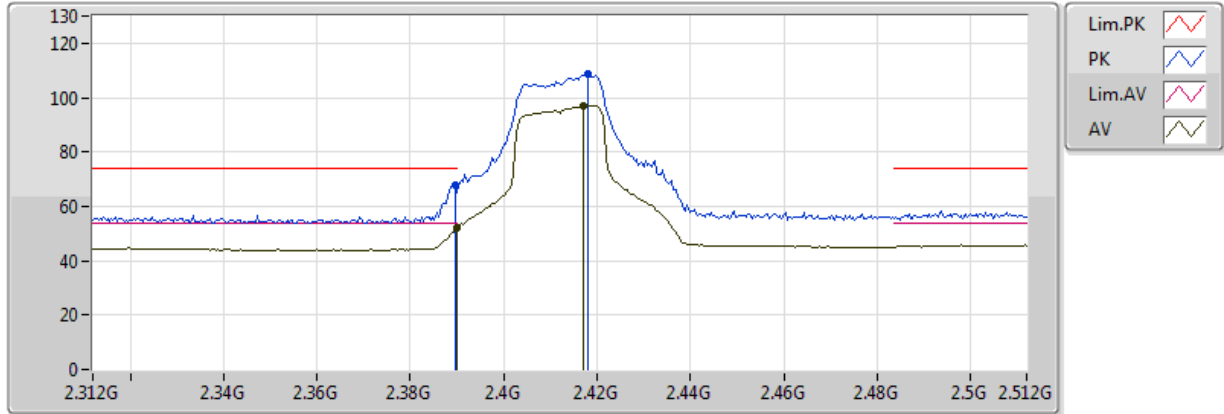
EUT Z_2TX
Setting 7
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.90612G	48.11	74.00	-25.89	4.95	3	Horizontal	128	1.54	-
AV	4.9015G	33.78	54.00	-20.22	4.94	3	Horizontal	128	1.54	-

802.11n HT20_Nss2,(MCS8)_2TX

2412MHz_TX

26/05/2018



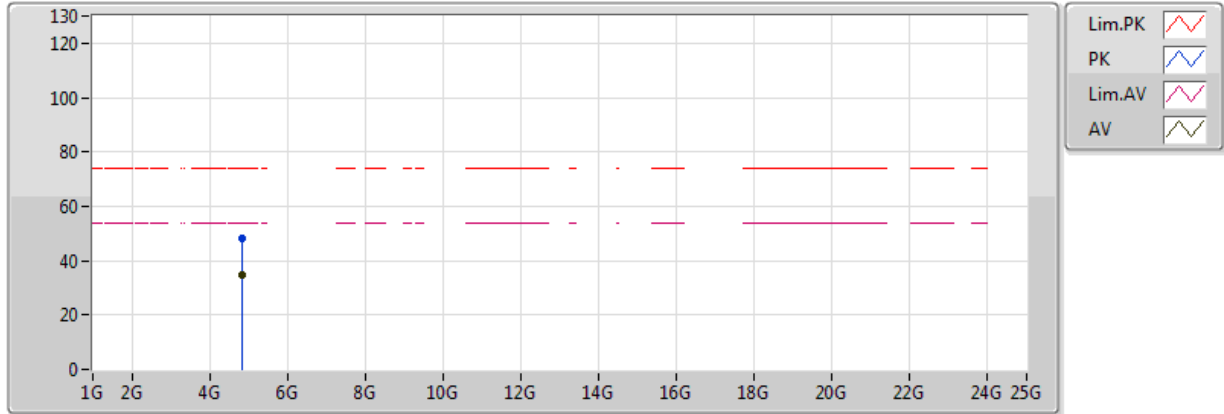
EUT_Z_2TX
Setting 11
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3896G	67.98	74.00	-6.02	32.13	3	Vertical	260	1.92	-
AV	2.389998G	52.03	54.00	-1.97	32.13	3	Vertical	260	1.92	-
PK	2.418G	108.96	Inf	-Inf	32.21	3	Vertical	260	1.92	-
AV	2.4172G	97.04	Inf	-Inf	32.21	3	Vertical	260	1.92	-

802.11n HT20_Nss2,(MCS8)_2TX

2412MHz_TX

26/05/2018



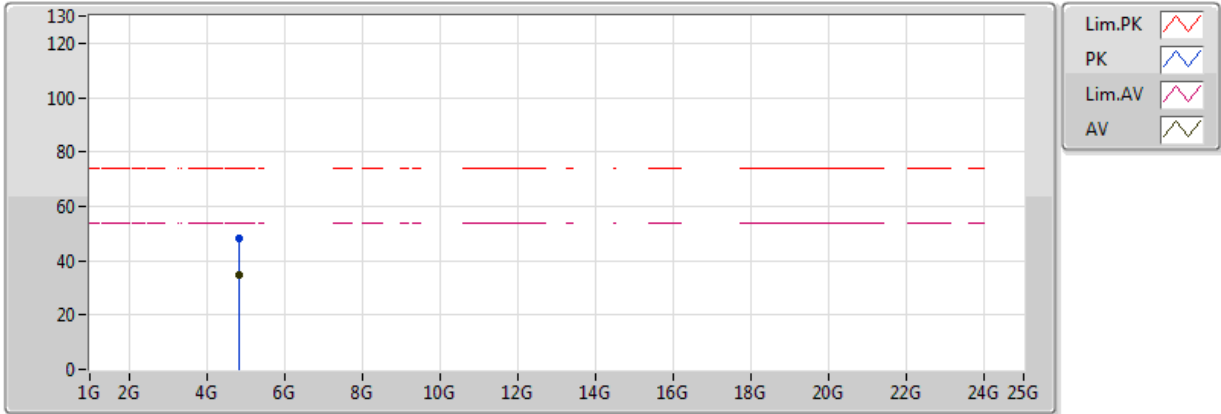
EUT Z_2TX
Setting 11
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.82204G	48.39	74.00	-25.61	4.85	3	Vertical	335	1.94	-
AV	4.82201G	34.89	54.00	-19.11	4.85	3	Vertical	335	1.94	-

802.11n HT20_Nss2,(MCS8)_2TX

2412MHz_TX

26/05/2018



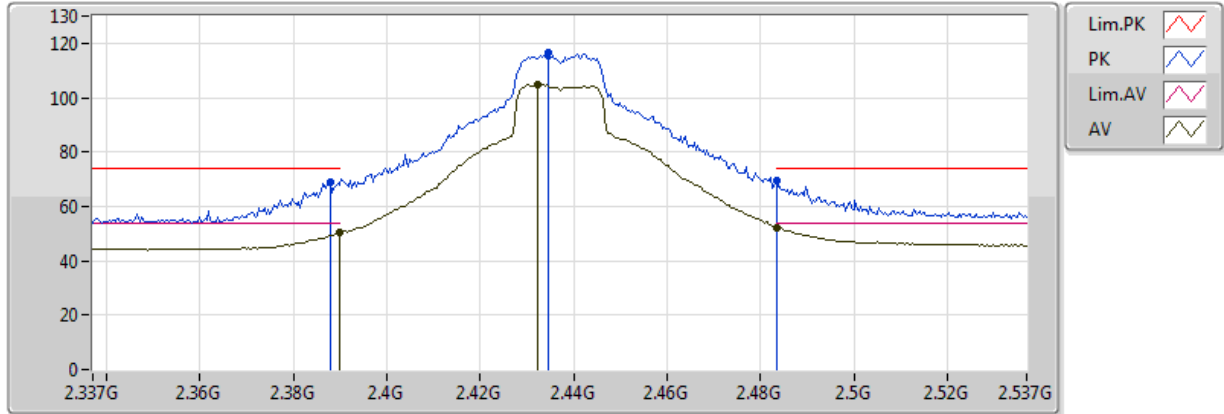
EUT Z_2TX
Setting 11
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.82193G	47.96	74.00	-26.04	4.85	3	Horizontal	312	1.65	-
AV	4.82216G	34.73	54.00	-19.27	4.85	3	Horizontal	312	1.65	-

802.11n HT20_Nss2,(MCS8)_2TX

2437MHz_TX

26/05/2018



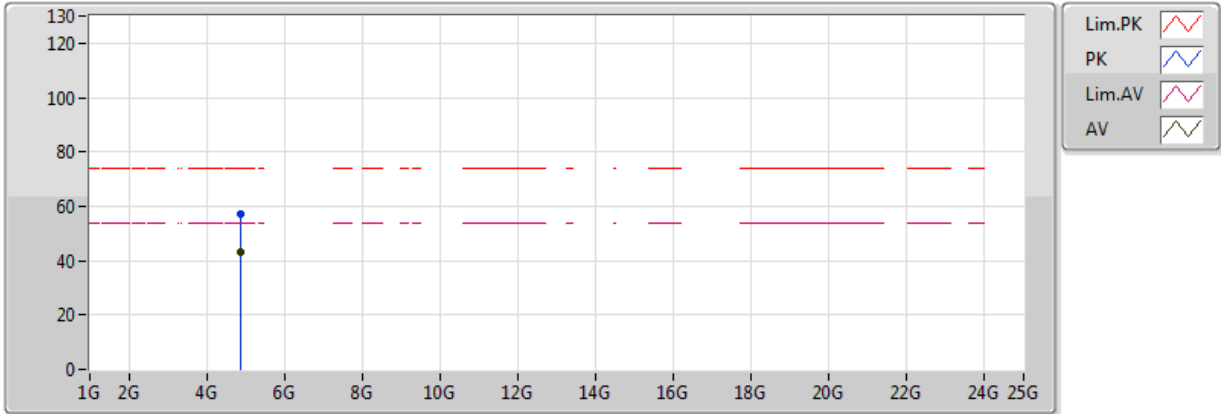
EUT_Z_2TX
Setting 20.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3878G	69.02	74.00	-4.98	32.13	3	Vertical	329	1.84	-
AV	2.3898G	50.28	54.00	-3.72	32.13	3	Vertical	329	1.84	-
PK	2.4346G	116.40	Inf	-Inf	32.26	3	Vertical	329	1.84	-
AV	2.4322G	104.61	Inf	-Inf	32.26	3	Vertical	329	1.84	-
PK	2.483502G	69.42	74.00	-4.58	32.42	3	Vertical	329	1.84	-
AV	2.483502G	52.23	54.00	-1.77	32.42	3	Vertical	329	1.84	-

802.11n HT20_Nss2,(MCS8)_2TX

2437MHz_TX

26/05/2018



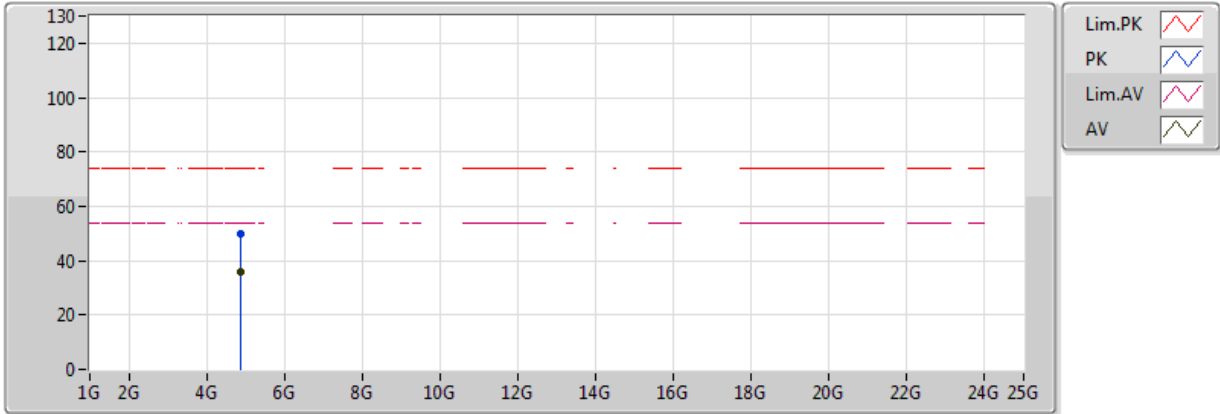
EUT Z_2TX
Setting 20.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.87638G	57.01	74.00	-16.99	4.91	3	Vertical	154	1.58	-
AV	4.87352G	43.16	54.00	-10.84	4.91	3	Vertical	154	1.58	-

802.11n HT20_Nss2,(MCS8)_2TX

2437MHz_TX

26/05/2018



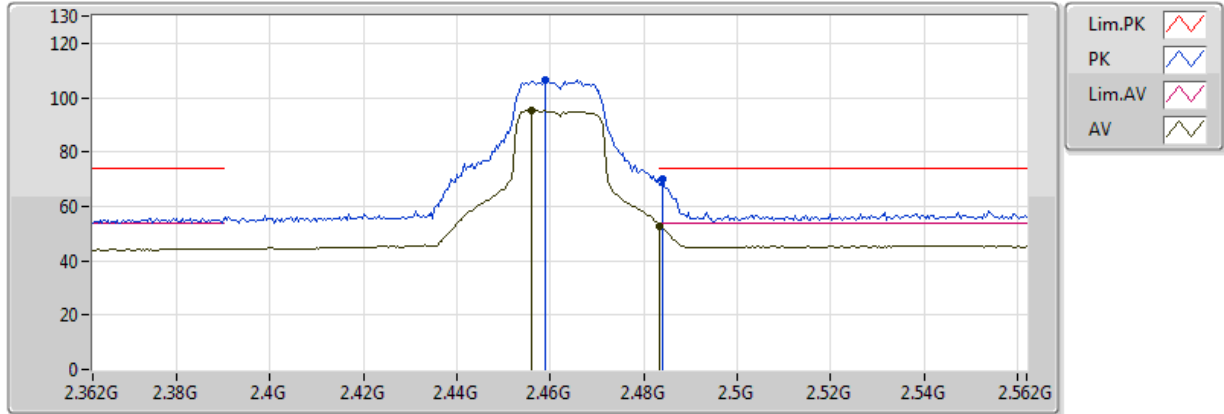
EUT Z_2TX
Setting 20.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.87298G	49.75	74.00	-24.25	4.91	3	Horizontal	191	1.60	-
AV	4.87266G	35.91	54.00	-18.09	4.91	3	Horizontal	191	1.60	-

802.11n HT20_Nss2,(MCS8)_2TX

2462MHz_TX

26/05/2018



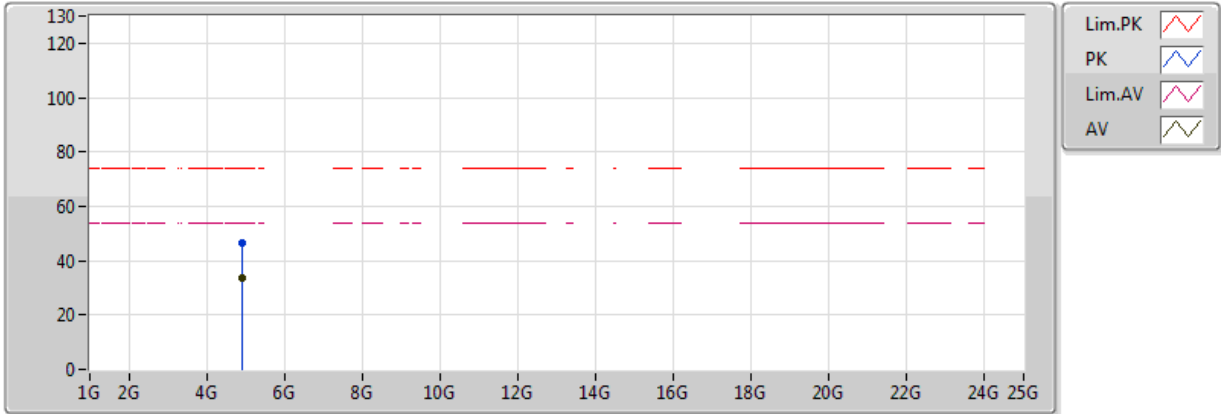
EUT_Z_2TX
Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.4588G	106.34	Inf	-Inf	32.34	3	Vertical	330	1.84	-
AV	2.456G	95.44	Inf	-Inf	32.33	3	Vertical	330	1.84	-
PK	2.484G	69.98	74.00	-4.02	32.42	3	Vertical	330	1.84	-
AV	2.483502G	52.80	54.00	-1.20	32.42	3	Vertical	330	1.84	-

802.11n HT20_Nss2,(MCS8)_2TX

2462MHz_TX

26/05/2018



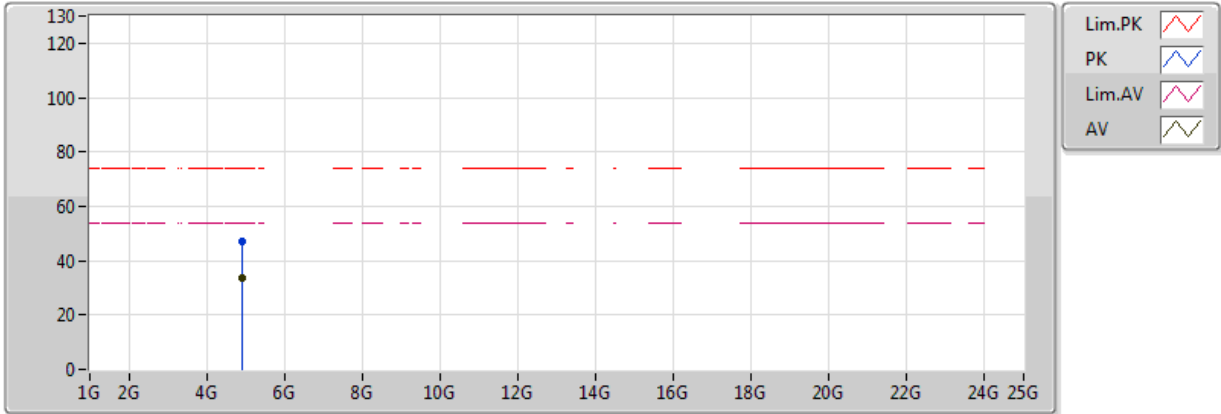
EUT_Z_2TX
Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92472G	46.62	74.00	-27.38	4.98	3	Vertical	354	1.72	-
AV	4.92161G	33.52	54.00	-20.48	4.97	3	Vertical	354	1.72	-

802.11n HT20_Nss2,(MCS8)_2TX

2462MHz_TX

26/05/2018



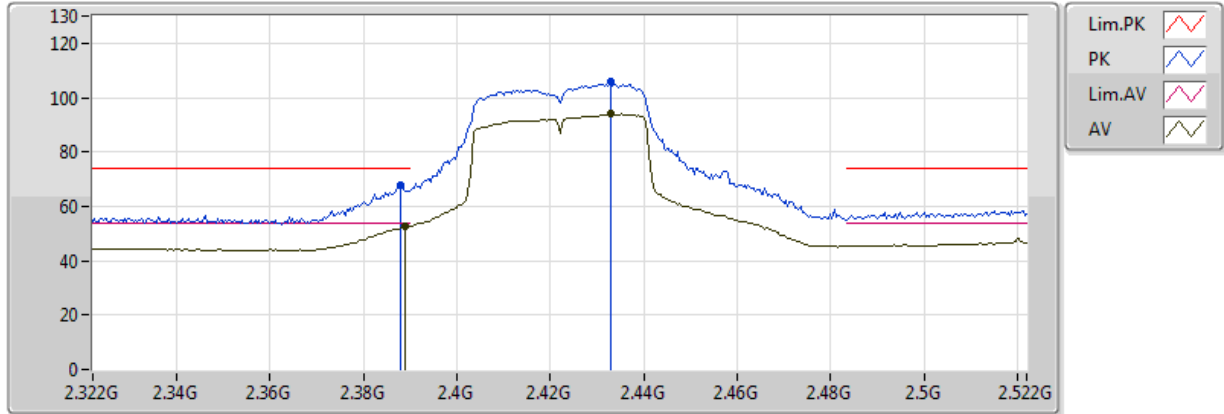
EUT Z_2TX
Setting 8
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.92397G	47.19	74.00	-26.81	4.98	3	Horizontal	130	1.12	-
AV	4.92261G	33.47	54.00	-20.53	4.97	3	Horizontal	130	1.12	-

802.11n HT40_Nss2,(MCS8)_2TX

2422MHz_TX

26/05/2018



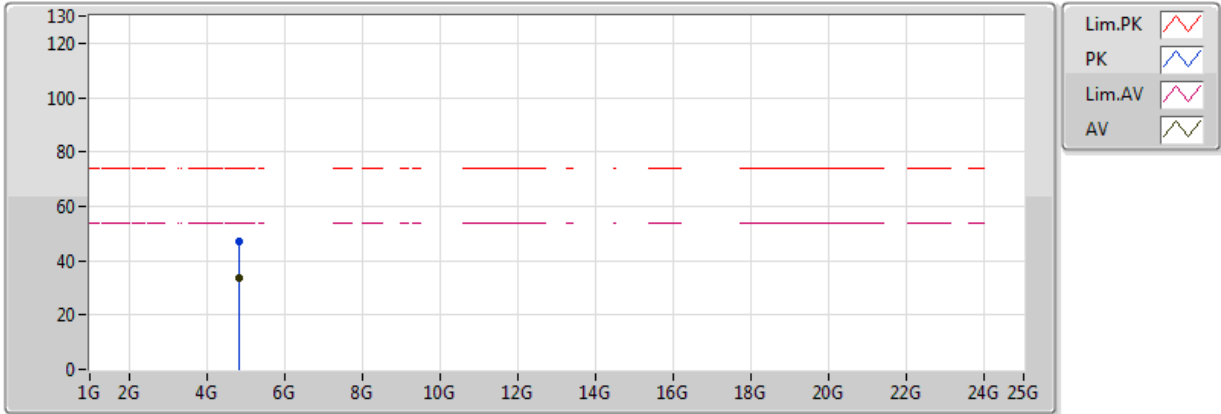
EUT_Z_2TX
Setting 8.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.388G	67.63	74.00	-6.37	32.13	3	Vertical	266	1.65	-
AV	2.3888G	52.83	54.00	-1.17	32.13	3	Vertical	266	1.65	-
PK	2.4328G	105.63	Inf	-Inf	32.26	3	Vertical	266	1.65	-
AV	2.4328G	93.91	Inf	-Inf	32.26	3	Vertical	266	1.65	-

802.11n HT40_Nss2,(MCS8)_2TX

2422MHz_TX

26/05/2018



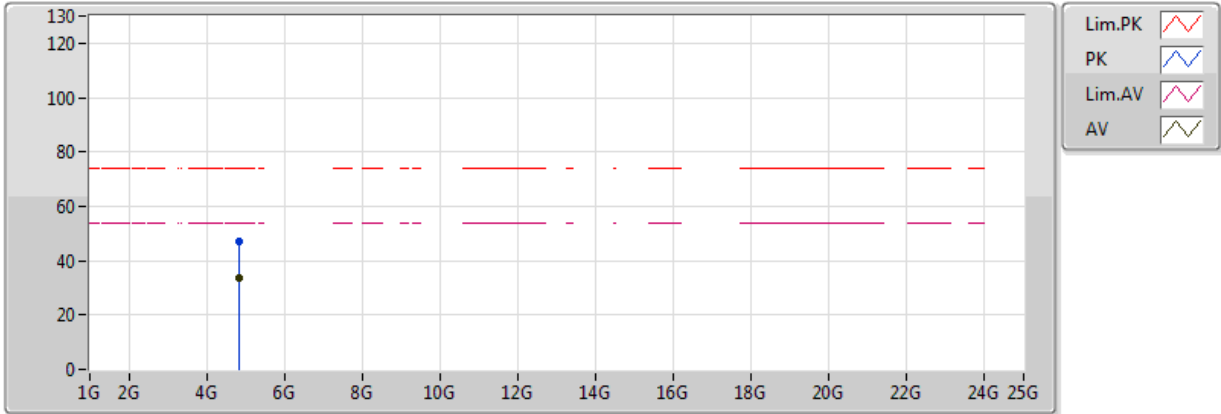
EUT_Z_2TX
Setting 8.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.84311G	47.24	74.00	-26.76	4.88	3	Vertical	333	1.25	-
AV	4.84214G	33.60	54.00	-20.40	4.88	3	Vertical	333	1.25	-

802.11n HT40_Nss2,(MCS8)_2TX

2422MHz_TX

26/05/2018



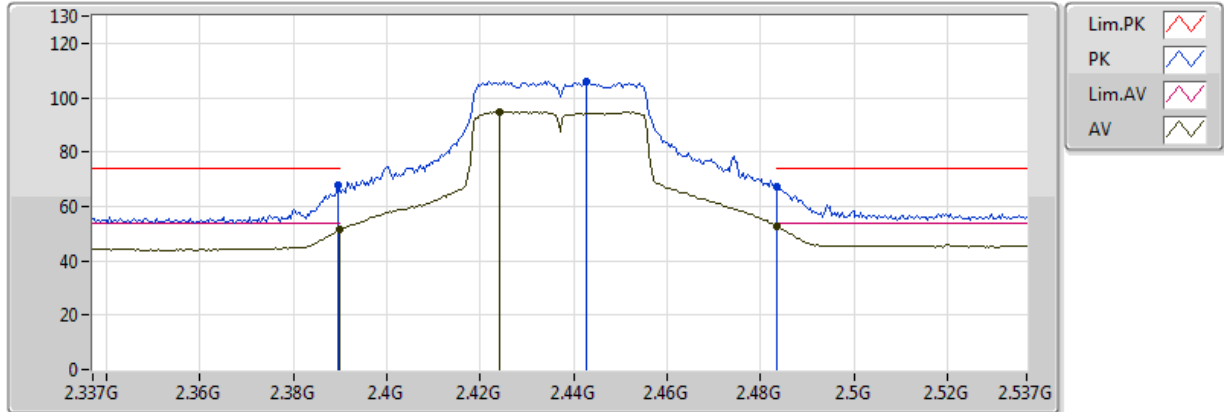
EUT Z_2TX
Setting 8.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.84342G	47.09	74.00	-26.91	4.88	3	Horizontal	146	1.29	-
AV	4.84163G	33.68	54.00	-20.32	4.88	3	Horizontal	146	1.29	-

802.11n HT40_Nss2,(MCS8)_2TX

2437MHz_TX

26/05/2018



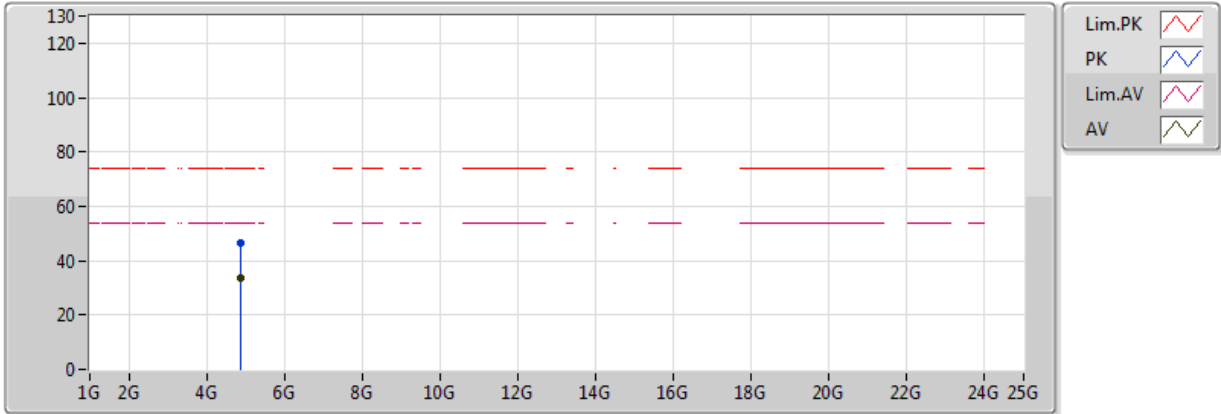
EUT Z_2TX
Setting 10.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.3894G	67.94	74.00	-6.06	32.13	3	Vertical	330	1.94	-
AV	2.3898G	51.31	54.00	-2.69	32.13	3	Vertical	330	1.94	-
PK	2.4426G	106.09	Inf	-Inf	32.29	3	Vertical	330	1.94	-
AV	2.4242G	94.80	Inf	-Inf	32.23	3	Vertical	330	1.94	-
PK	2.483502G	67.43	74.00	-6.57	32.42	3	Vertical	330	1.94	-
AV	2.483502G	52.92	54.00	-1.08	32.42	3	Vertical	330	1.94	-

802.11n HT40_Nss2,(MCS8)_2TX

2437MHz_TX

26/05/2018



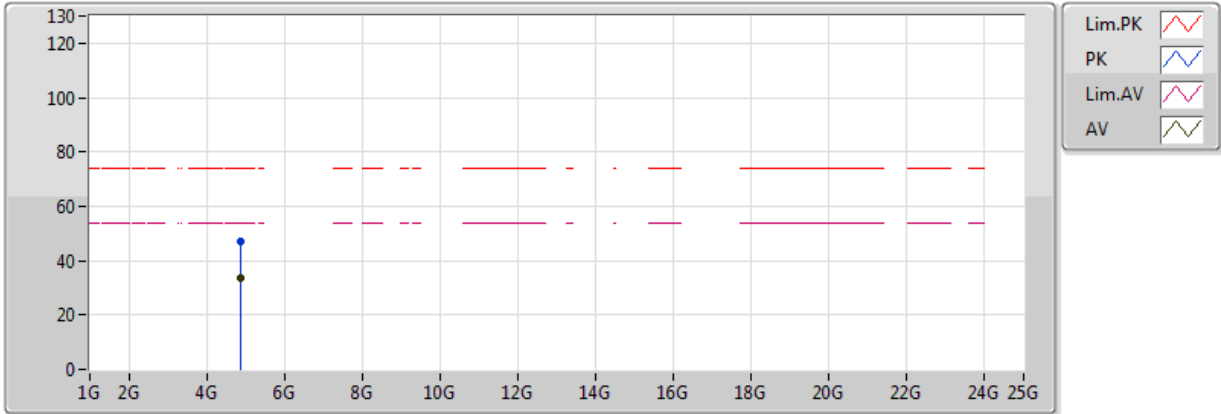
EUT Z_2TX
Setting 10.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.87572G	46.55	74.00	-27.45	4.91	3	Vertical	174	1.56	-
AV	4.87386G	33.70	54.00	-20.30	4.91	3	Vertical	174	1.56	-

802.11n HT40_Nss2,(MCS8)_2TX

2437MHz_TX

26/05/2018



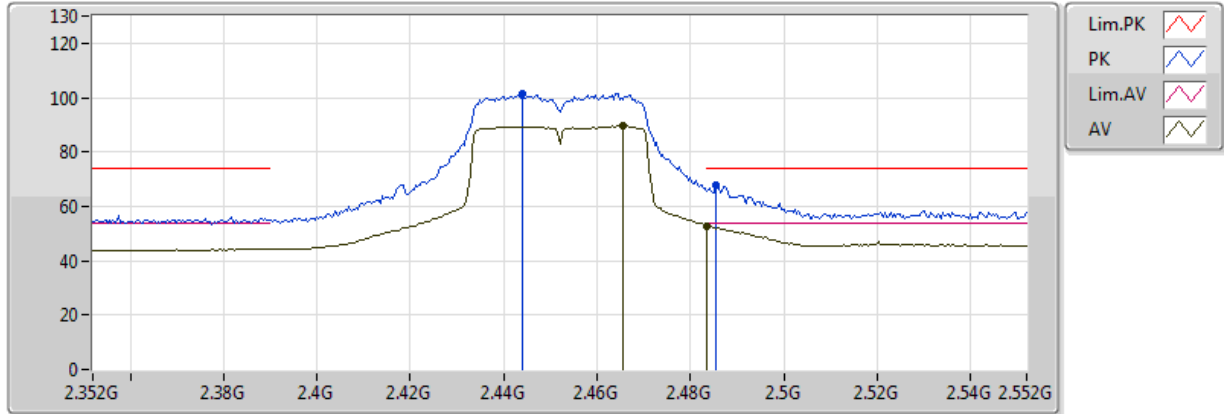
EUT Z_2TX
Setting 10.5
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.87118G	46.97	74.00	-27.03	4.91	3	Horizontal	315	1.51	-
AV	4.8737G	33.38	54.00	-20.62	4.91	3	Horizontal	315	1.51	-

802.11n HT40_Nss2,(MCS8)_2TX

2452MHz_TX

26/05/2018



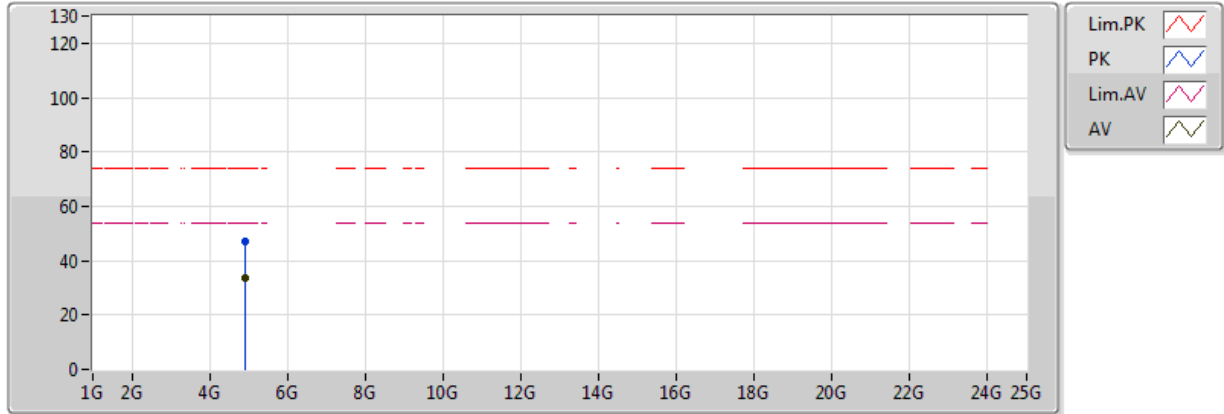
EUT_Z_2TX
Setting 7
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	2.444G	101.57	Inf	-Inf	32.29	3	Vertical	247	1.50	-
AV	2.4656G	89.57	Inf	-Inf	32.36	3	Vertical	247	1.50	-
PK	2.4856G	67.98	74.00	-6.02	32.42	3	Vertical	247	1.50	-
AV	2.483502G	52.83	54.00	-1.17	32.42	3	Vertical	247	1.50	-

802.11n HT40_Nss2,(MCS8)_2TX

2452MHz_TX

26/05/2018



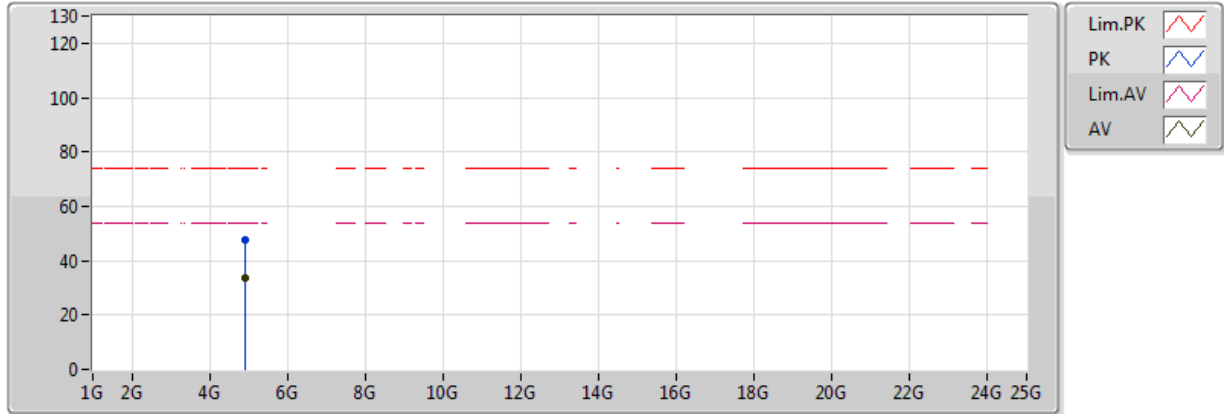
EUT_Z_2TX
Setting 7
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.9036G	47.03	74.00	-26.97	4.95	3	Vertical	284	1.61	-
AV	4.90589G	33.58	54.00	-20.42	4.95	3	Vertical	284	1.61	-

802.11n HT40_Nss2,(MCS8)_2TX

2452MHz_TX

26/05/2018



EUT Z_2TX
Setting 7
03-P-2
FSP(100019)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.90358G	47.45	74.00	-26.55	4.95	3	Horizontal	224	1.33	-
AV	4.90614G	33.68	54.00	-20.32	4.95	3	Horizontal	224	1.33	-