

FCC Test Report

Equipment : AC1900 Wireless Dual Band Gigabit Router
Brand Name : tp-link
Model No. : Archer C9
FCC ID : TE7C9V5
Standard : 47 CFR FCC Part 15.247
Operating Band : 2400 MHz – 2483.5 MHz
Function : ☒ Point-to-multipoint; ☐ Point-to-point
Applicant/
Manufacturer : TP-Link Technologies Co., Ltd.
Building 24 (floors 1,3,4,5) and 28 (floors1-4),Central
Science and Technology Park,Nanshan
Shenzhen,518057 China

The product sample received on Aug. 08, 2017 and completely tested on Oct. 09, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Phoenix Chen
SPORTON INTERNATIONAL INC.





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Summary of Test Result

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



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FCC ID: TE7C9V5

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), ac (VHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), ac (VHT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	3TX
2.4-2.4835GHz	802.11g	20	3TX
2.4-2.4835GHz	802.11ac VHT20	20	3TX
2.4-2.4835GHz	802.11ac VHT40	40	3TX

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.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
A	1	TP-LINK	3101501389	Dipole Antenna	Reversed-SMA	3.37
B	2	TP-LINK	3101501389	Dipole Antenna	Reversed-SMA	3.37
C	3	TP-LINK	3101501389	Dipole Antenna	Reversed-SMA	3.37

Note: 1: 802.11 b/g/n/ac used three antennas are for signal transmitting and receiving.(3T3R Spatial Multiplexing MIMO configuration)

1.1.3 EUT Information

Operational Condition	
EUT Power Type	From AC Adapter
Type of EUT	
☒	Stand-alone
☐	Combined (EUT where the radio part is fully integrated within another device)
	Combined Equipment - Brand Name / Model No.: ...
☐	Plug-in radio (EUT intended for a variety of host systems)
	Host System - Brand Name / Model No.: ...
☐	Other:

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.998	0.009	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.987	0.057	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT20	0.986	0.061	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	0.749	1.255	203.125u	10k

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 558074 D01 v04
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 644545 D03 v01

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
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH07-HY	Ryan	24.3°C/65%	29/Aug/2017
Radiated (below 1GHz)	03CH03-HY	Terry	21.3°C/53%	05/Oct/2017
Radiated (above 1GHz)	03CH03-HY	Terry	23.5°C/57%	26/Aug/2017
AC Conduction	CO04-HY	Eric	24.5°C/54%	09/Oct/2017

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	2.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	2.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	2.9 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	MTool 2.0.1.1
-----------------------	---------------

Mode	Power Setting
802.11b_Nss1,(1Mbps)_3TX	-
2412MHz	120
2437MHz	120
2462MHz	120
802.11g_Nss1,(6Mbps)_3TX	-
2412MHz	76
2437MHz	120
2462MHz	64
802.11ac VHT20_Nss1,(MCS0)_3TX	-
2412MHz	73
2437MHz	120
2462MHz	64
802.11ac VHT40_Nss1,(MCS0)_3TX	-
2422MHz	51
2437MHz	61
2452MHz	46

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter Mode (Wi-Fi 2.4G)

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	CTX
1	Adapter Mode (Wi-Fi 2.4G)
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	Adapter Mode (Wi-Fi 2.4G+5G)
Refer to Sporton Test Report No.: FA780304 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Accessories

Accessories				
AC Adapter	Brand Name	TP-LINK	Model Name	S030ABU1200250
	Power Rating	I/P: 100-240V~50/60Hz 1000mA, O/P: 12Vdc, 2500mA		

Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

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

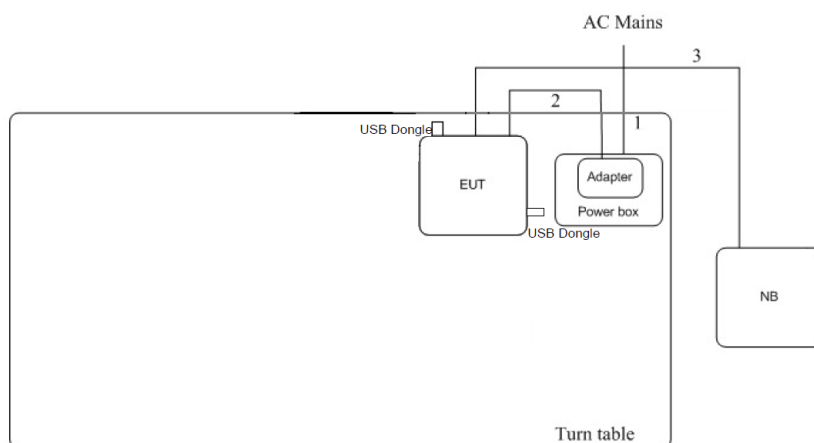
Note: Support equipment No.1 was provided by customer.

Support Equipment – AC Conduction and Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Client	-	-	-
2	USB Dongle *2	Transcend	JetFlash 530	-
3	Notebook (Remote Workstation)	DELL	E5530	DoC
4	Adapter for NB	DELL	LA65NS2-01	DoC
5	Notebook (Remote Workstation)	DELL	E5530	DoC
6	Adapter for NB	DELL	LA65NS2-01	DoC

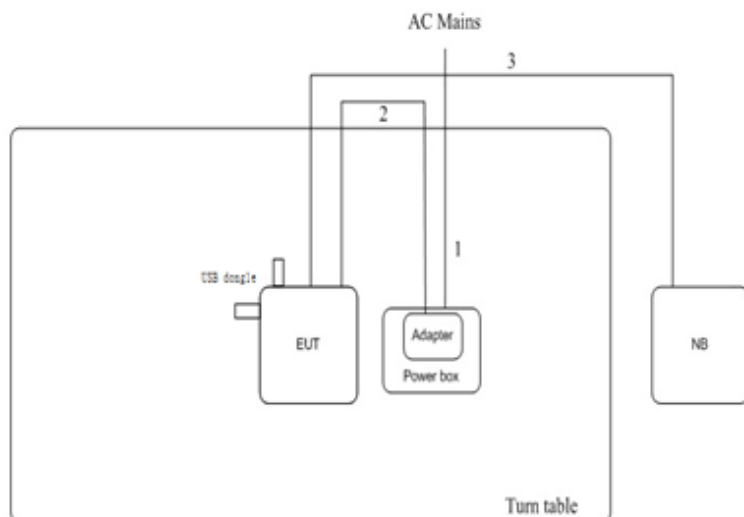
Note: Support equipment No.1 was provided by customer.

2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	DC Power line	No	1.5	-
3	RJ-45 cable	No	10	-

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	DC Power line	No	1.5	-
3	RJ-45 cable	No	10	-

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.

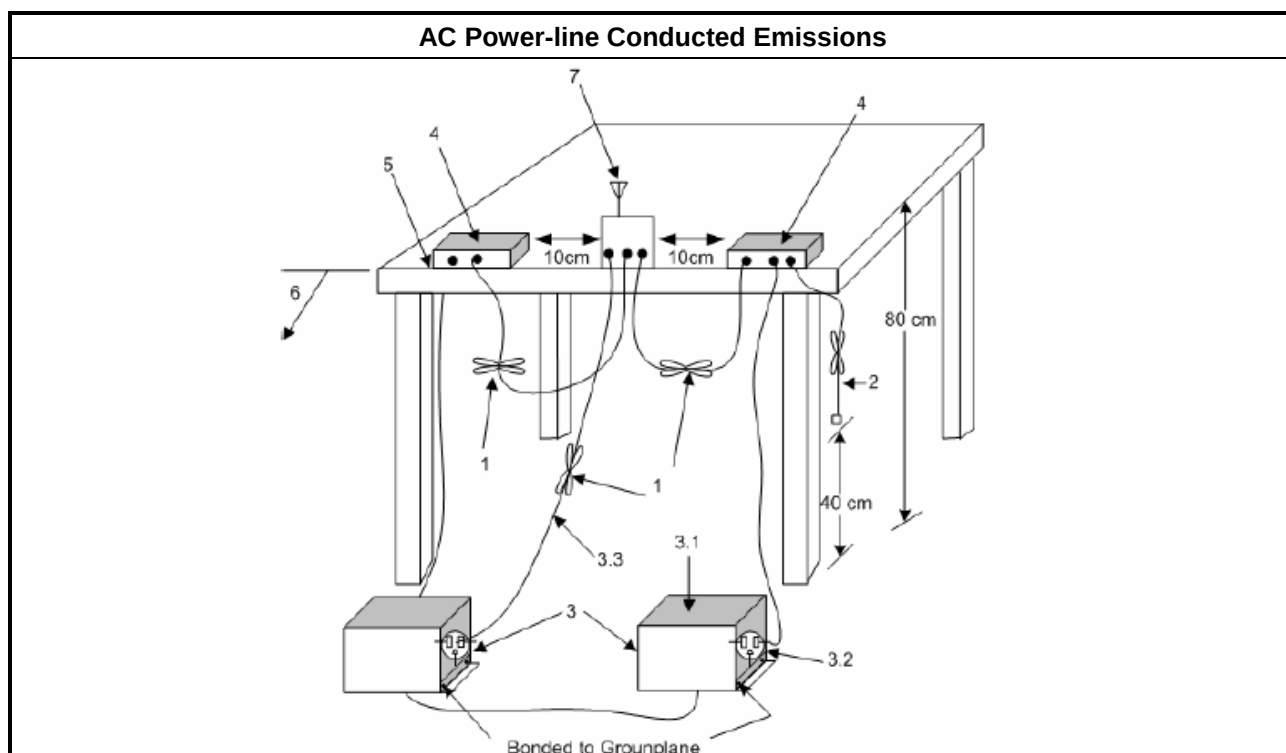
3.1.2 Measuring Instruments

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.

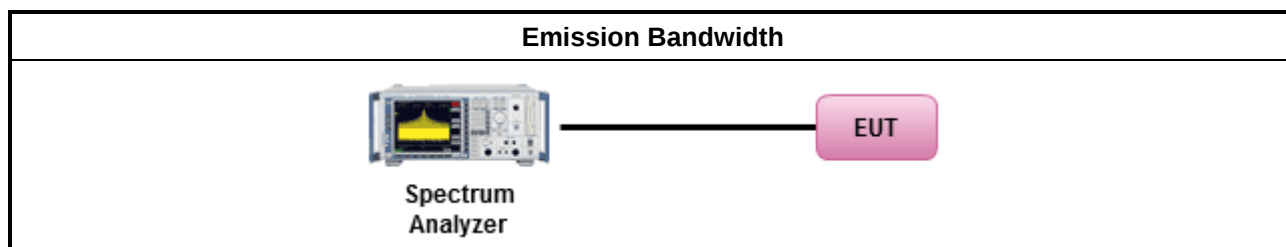
3.2.2 Measuring Instruments

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 KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
☐	Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.6 for for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	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
e.i.r.p. Power Limit:		
	2400-2483.5 MHz Band	
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)	
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm	
	Smart antenna system (SAS)	
	-	Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	-	Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ 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.		

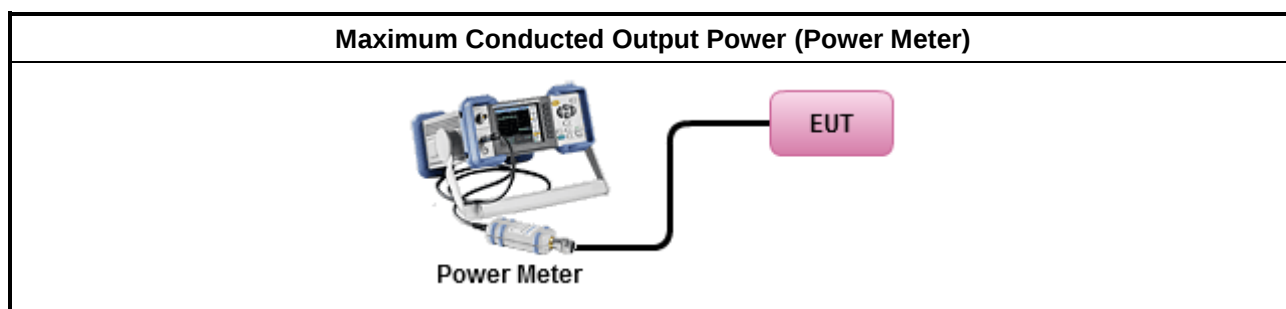
3.3.2 Measuring Instruments

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 KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
☐	Refer as KDB 558074, clause 9.1.2 Option 2 (integrated band power method)
☐	Refer as KDB 558074, clause 9.1.3 Option 3 (peak power meter for VBW ≥ DTS BW)
Maximum Average Conducted Output Power	
Duty cycle ≥ 98%	
☐	Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
Duty cycle < 98%	
☐	Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
RF power meter and average over on/off periods with duty factor or gated trigger	
☒	Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
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

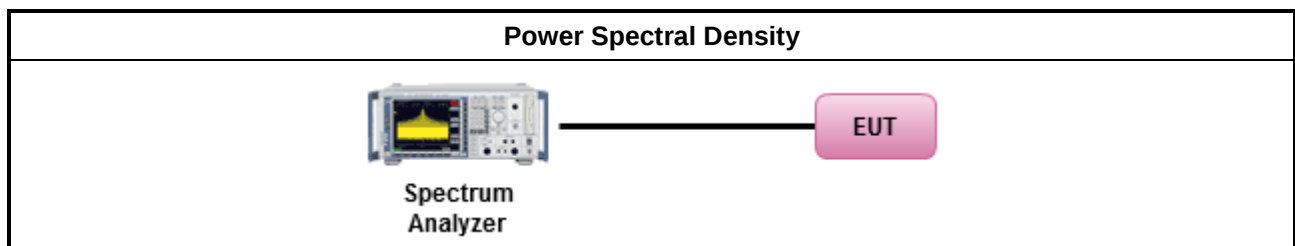
3.4.2 Measuring Instruments

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 KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

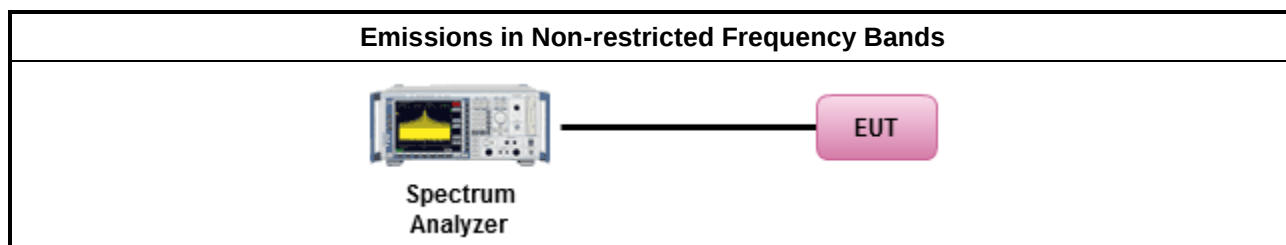
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

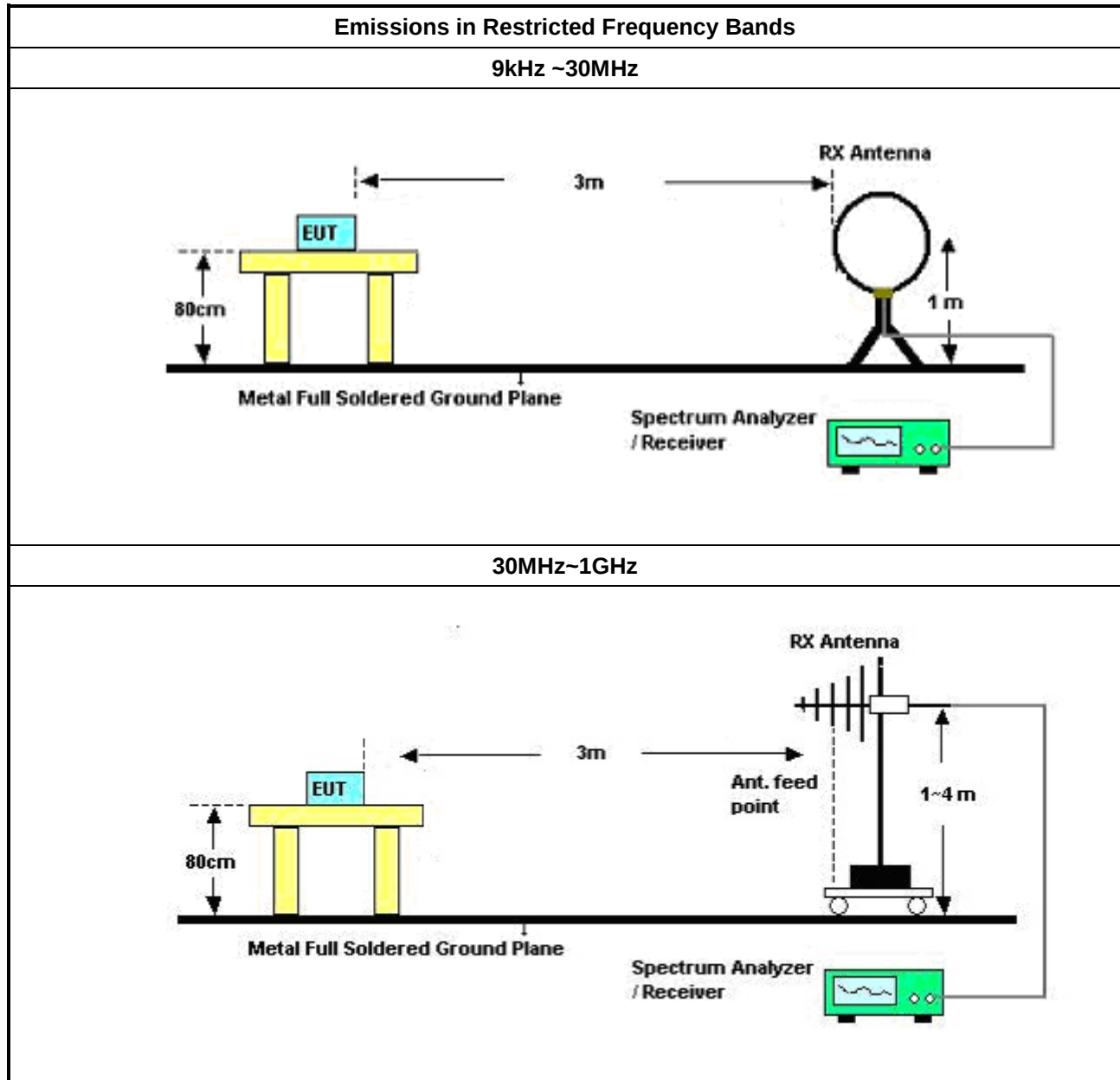
3.6.2 Measuring Instruments

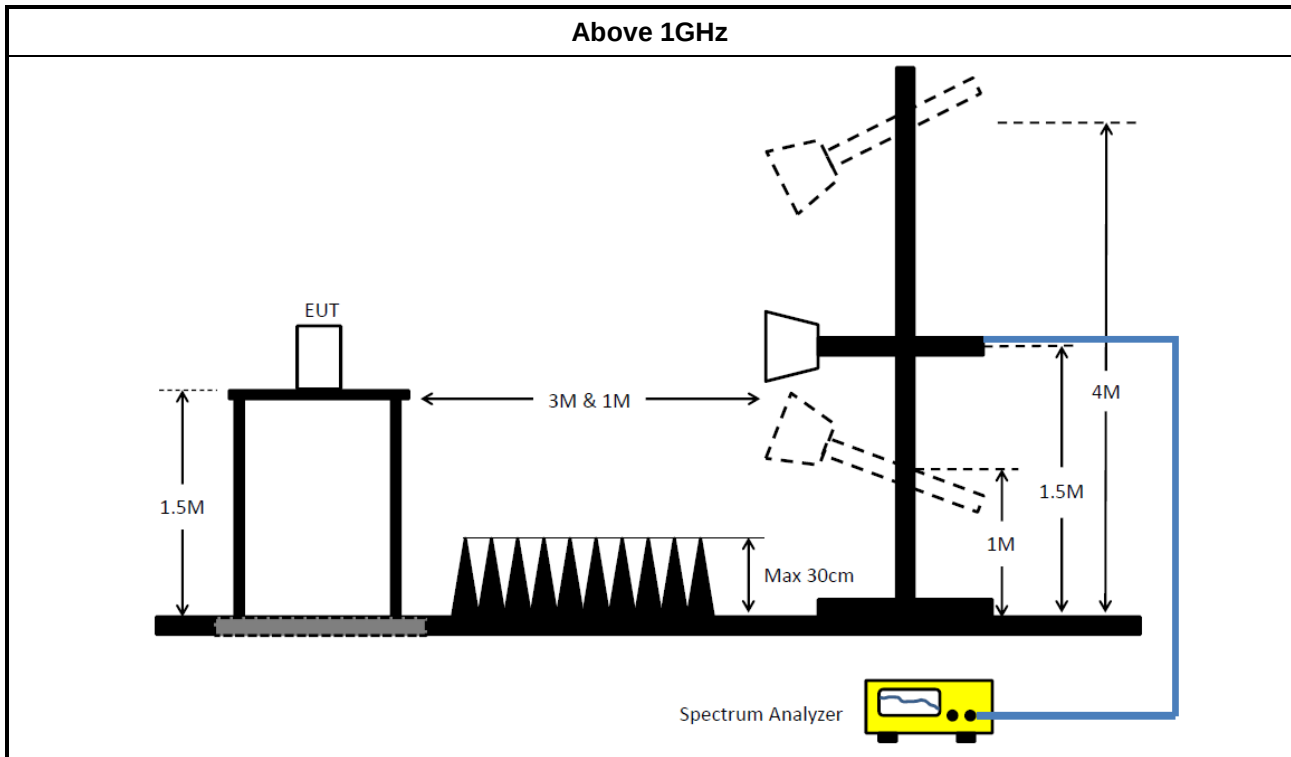
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 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 KDB 558074, clause 12 for unwanted emissions into restricted bands.
	☒ Refer as KDB 558074, clause 12.2.5.3 (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW $\geq 1/T$.
	☒ Refer as 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 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 KDB 558074, clause 13.2 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
For conducted and cabinet radiation measurement, refer as 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 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 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	R&S	ESH3-Z2	100921	10 kHz ~ 30 MHz	21/Oct/2016	20/Oct/2017

NCR : Non-Calibration Require

Instrument for Radiated Test (below 1GHz)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz	28/Nov/2016	27/Nov/2017
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	19/Apr/2017	18/Apr/2018
Spectrum	R&S	FSV40	101500	9kHz ~ 40GHz	28/Jun/2017	27/Jun/2018
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30MHz ~ 1GHz	08/Jul/2017	07/Jul/2018
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz~30 MHz	02/Mar/2017	01/Mar/2018
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

Instrument for Radiated Test (above 1GHz)

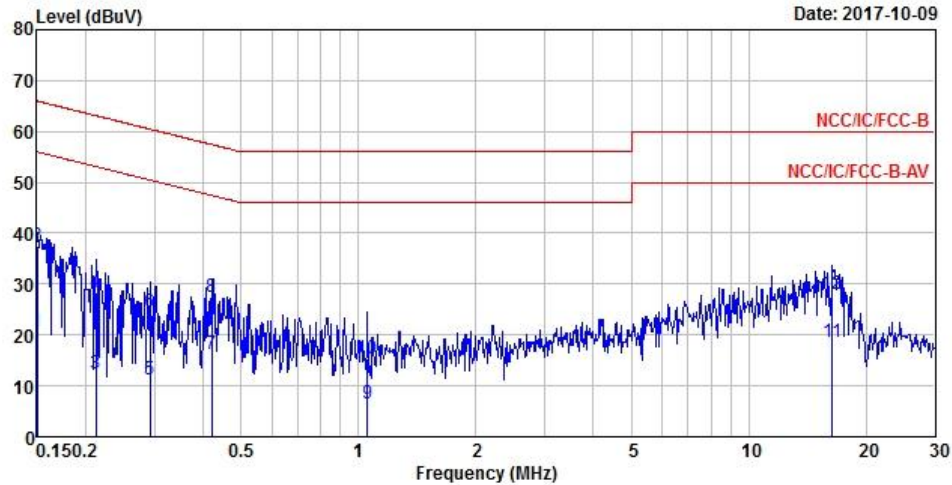
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz	16/Dec/2016	15/Dec/2017
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	19/Apr/2017	18/Apr/2018
Amplifier	KEYSIGHT	83017A	MY53270197	1GHz ~ 26.5GHz	29/Aug/2016	28/Aug/2017
Spectrum	R&S	FSV40	101500	9kHz ~ 40GHz	28/Jun/2017	27/Jun/2018
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120D 1531	1GHz ~ 18GHz	25/Apr/2017	24/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz~30 MHz	02/Mar/2017	01/Mar/2018
RF-Cable-high	SUHNER	SUHNER	CB222	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
Receiver	R&S	ESU-26	100422/026	20Hz ~ 26.5GHz	21/Sep/2016	20/Sep/2017

**Instrument for Conducted Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	9kHz~40GHz	28/Jun/2017	27/Jun/2018
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	27/Oct/2016	26/Oct/2017
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	27/Oct/2016	26/Oct/2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter Mode (Wi-Fi 2.4G)		

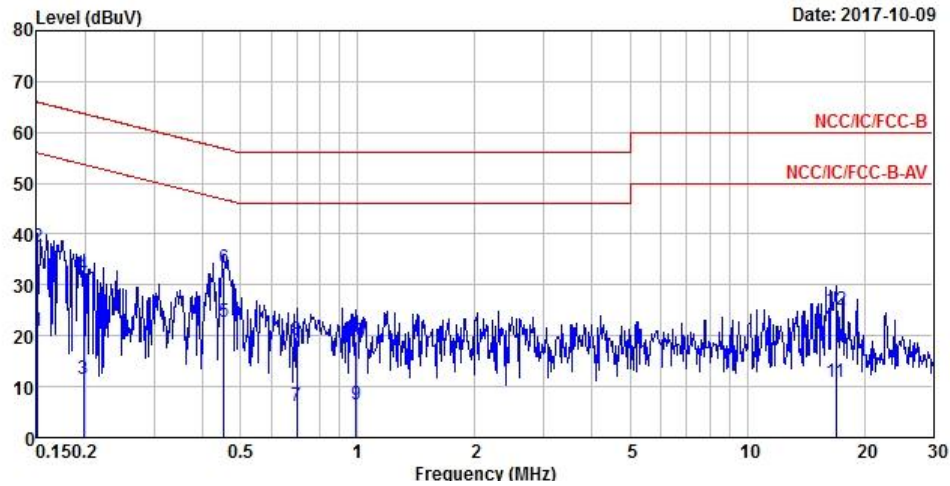


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15000	20.76	-35.24	56.00	11.16	9.60	0.00	Average
2 MAX	0.15000	37.48	-28.52	66.00	27.88	9.60	0.00	QP
3	0.21279	12.39	-40.71	53.10	2.72	9.67	0.00	Average
4	0.21279	28.44	-34.66	63.10	18.77	9.67	0.00	QP
5	0.29243	11.28	-39.18	50.46	1.63	9.65	0.00	Average
6	0.29243	24.58	-35.88	60.46	14.93	9.65	0.00	QP
7	0.42150	16.31	-31.11	47.42	6.68	9.63	0.00	Average
8	0.42150	27.37	-30.05	57.42	17.74	9.63	0.00	QP
9	1.05407	6.53	-39.47	46.00	-3.06	9.59	0.00	Average
10	1.05407	15.48	-40.52	56.00	5.89	9.59	0.00	QP
11	16.39849	18.73	-31.27	50.00	8.88	9.85	0.00	Average
12	16.39849	28.00	-32.00	60.00	18.15	9.85	0.00	QP

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

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter Mode (Wi-Fi 2.4G)		



	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.15080	20.95	-35.01	55.96	11.29	9.66	0.00	Average
2	0.15080	37.46	-28.50	65.96	27.80	9.66	0.00	QP
3	0.19758	11.43	-42.28	53.71	1.78	9.65	0.00	Average
4	0.19758	31.80	-31.91	63.71	22.15	9.65	0.00	QP
5	0.45395	22.85	-23.95	46.80	13.18	9.67	0.00	Average
6 MAX	0.45395	33.42	-23.38	56.80	23.75	9.67	0.00	QP
7	0.69725	6.08	-39.92	46.00	-3.57	9.65	0.00	Average
8	0.69725	19.08	-36.92	56.00	9.43	9.65	0.00	QP
9	0.98914	6.57	-39.43	46.00	-3.06	9.63	0.00	Average
10	0.98914	18.78	-37.22	56.00	9.15	9.63	0.00	QP
11	16.92817	10.82	-39.18	50.00	0.96	9.86	0.00	Average
12	16.92817	25.15	-34.85	60.00	15.29	9.86	0.00	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-
2.4-2.4835GHz	9.05M	12.719M	12M7G1D	9M	12.219M
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-
2.4-2.4835GHz	16.425M	17.166M	17M2D1D	16.275M	16.517M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
2.4-2.4835GHz	17.6M	18.166M	18M2D1D	17.275M	17.666M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
2.4-2.4835GHz	36.3M	36.282M	36M4D1D	35.65M	36.132M

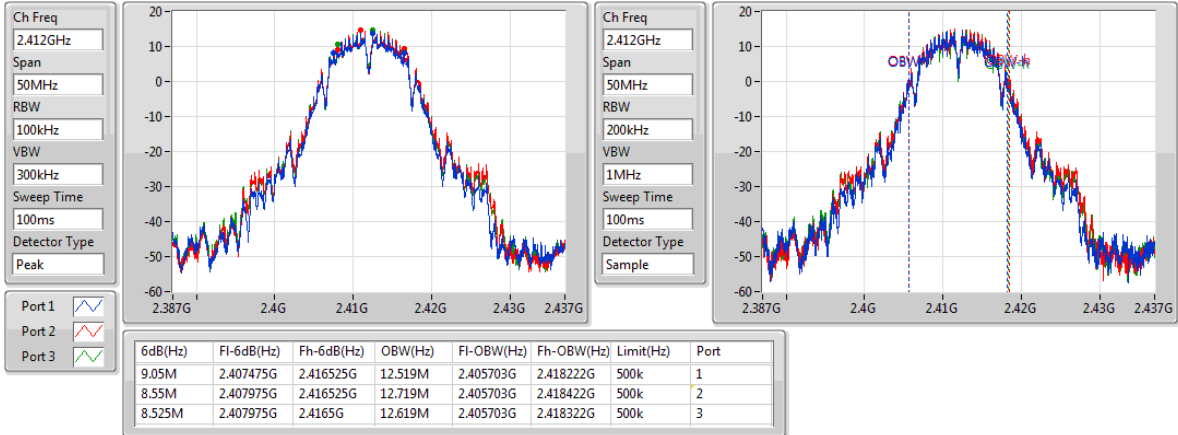
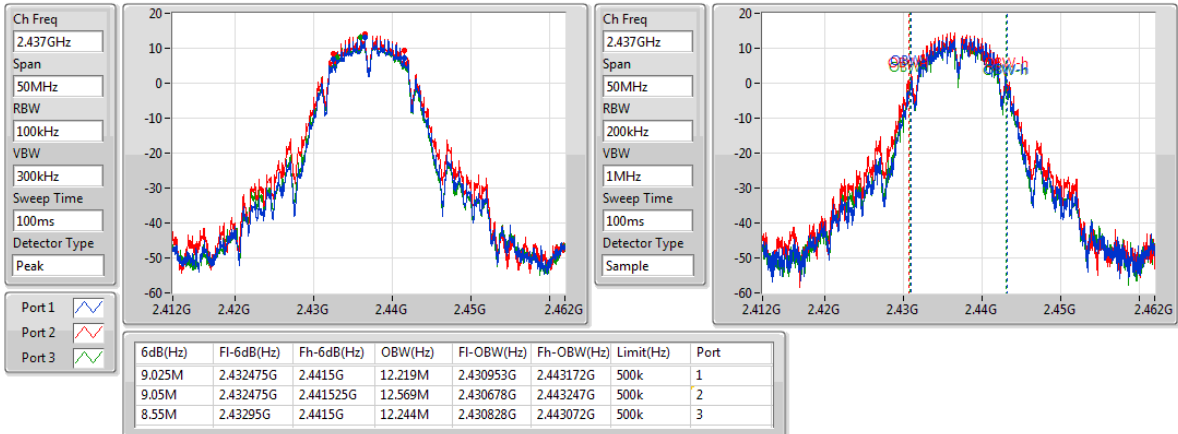
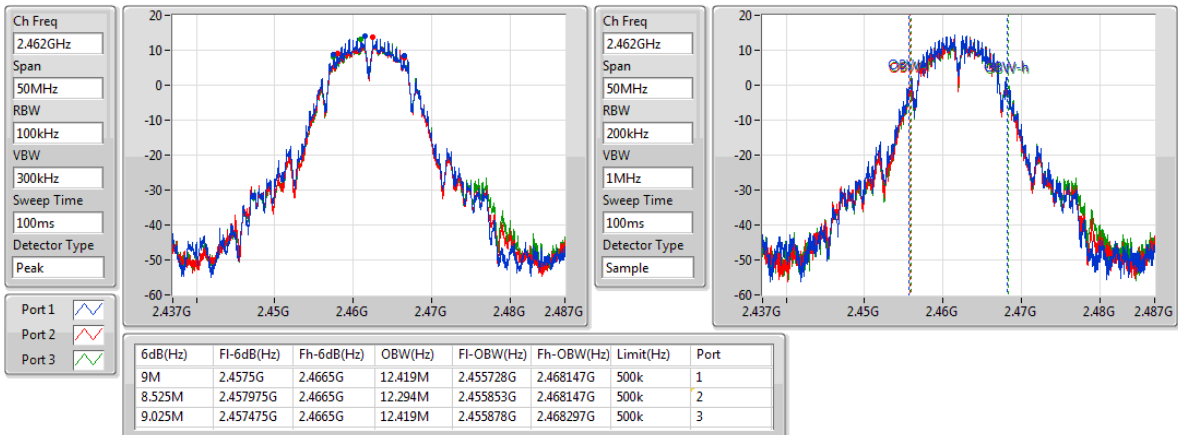
Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;

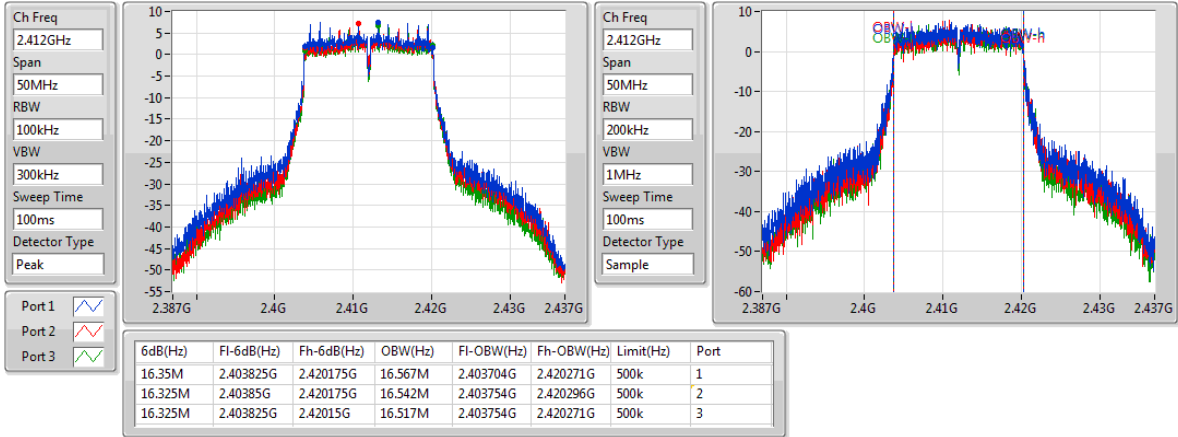
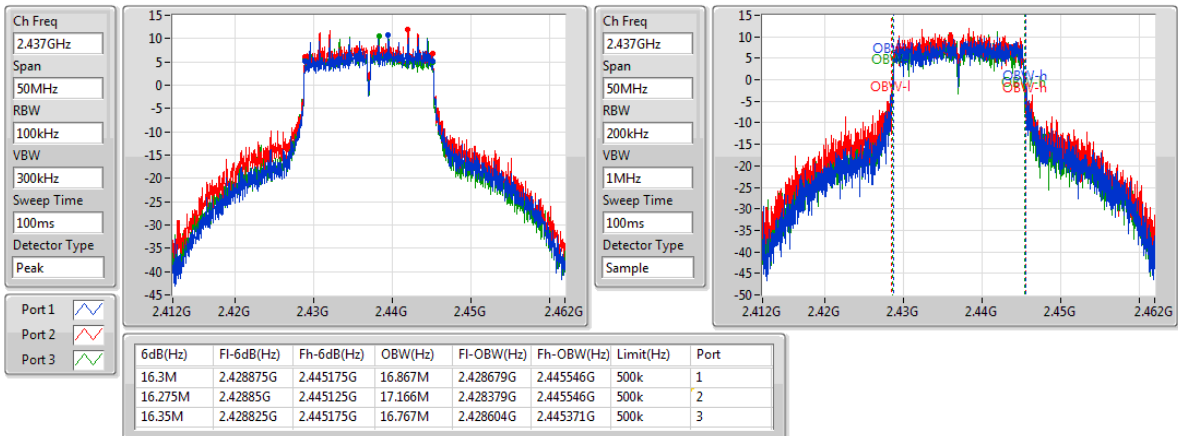
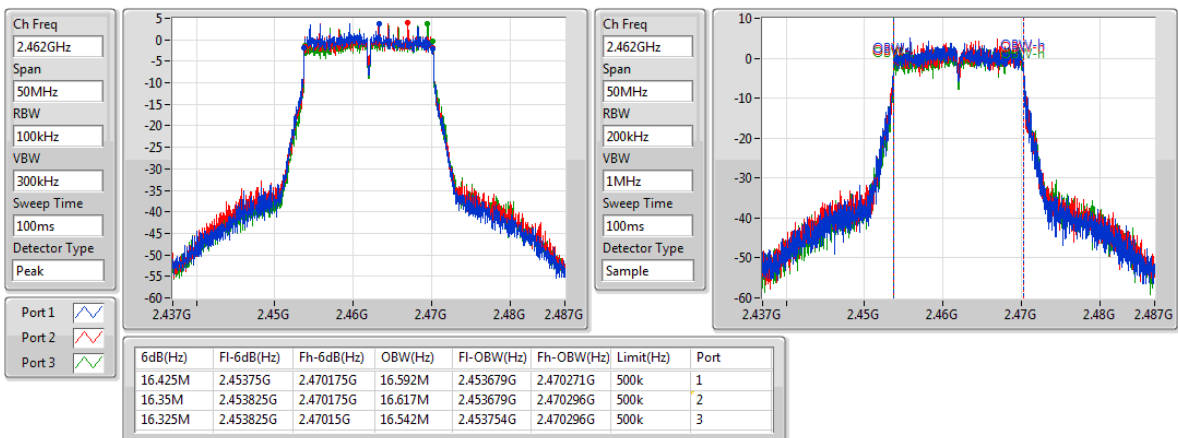
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

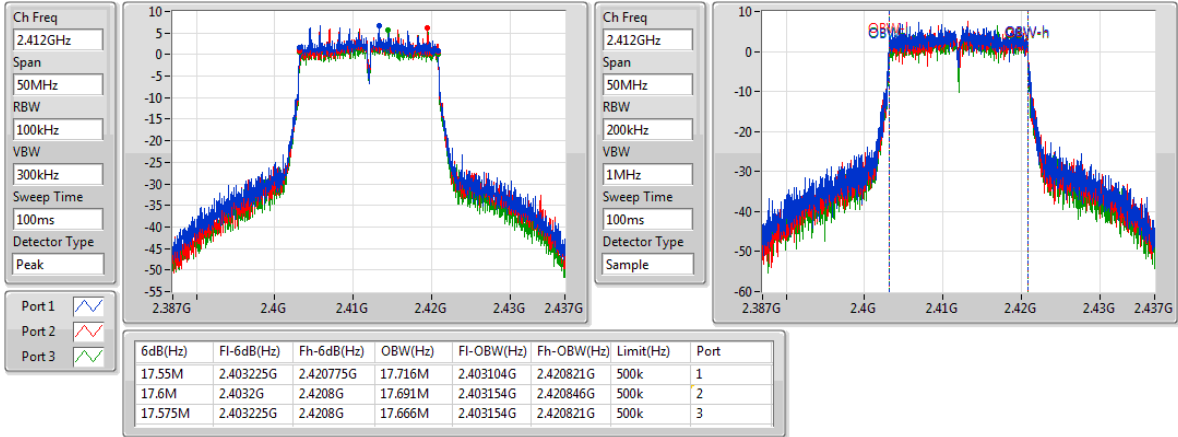
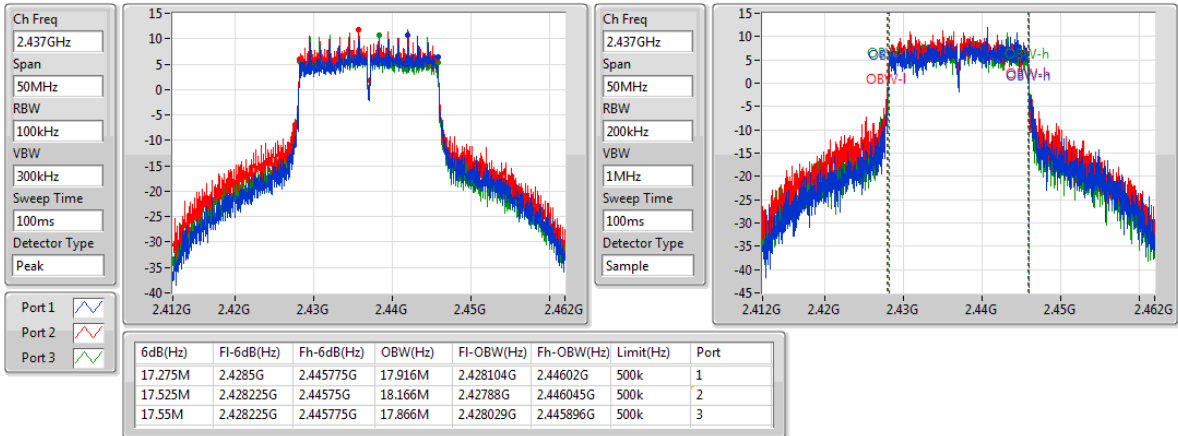
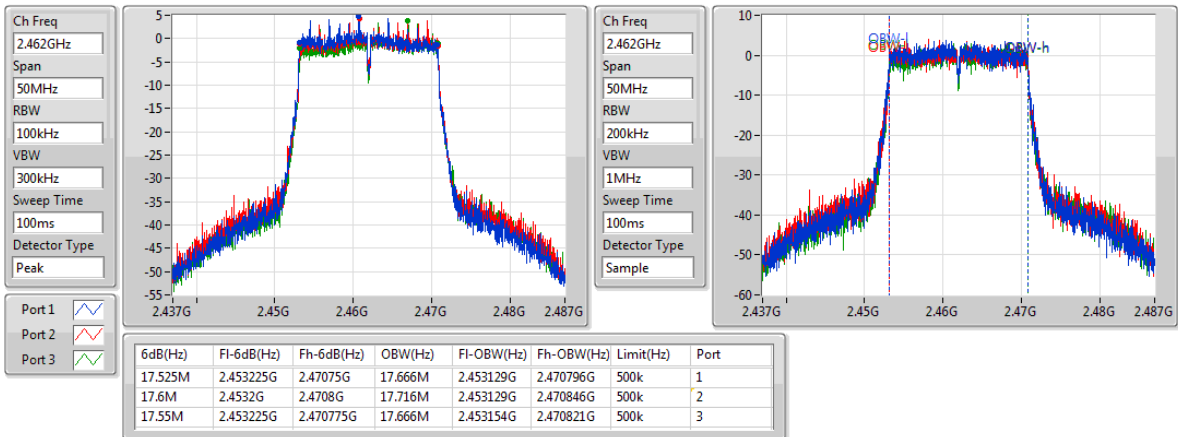
Result

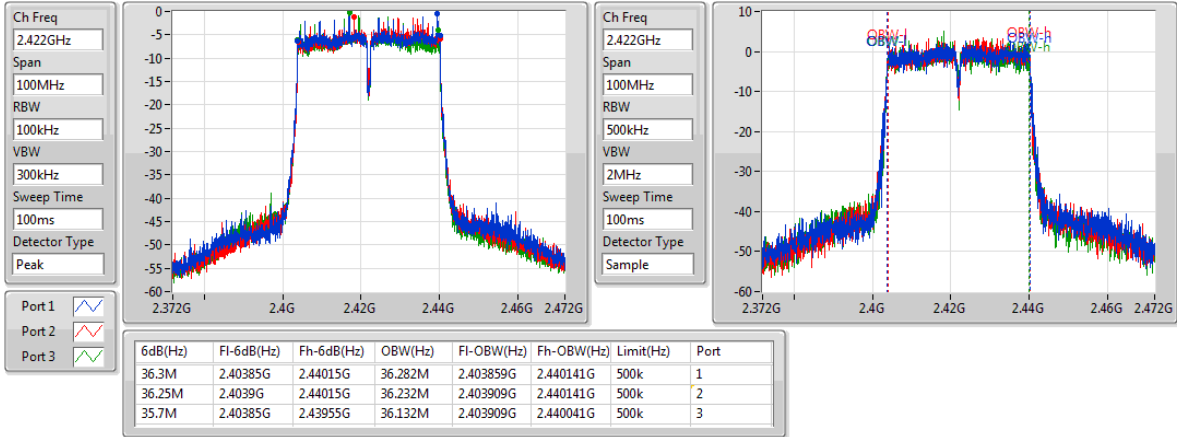
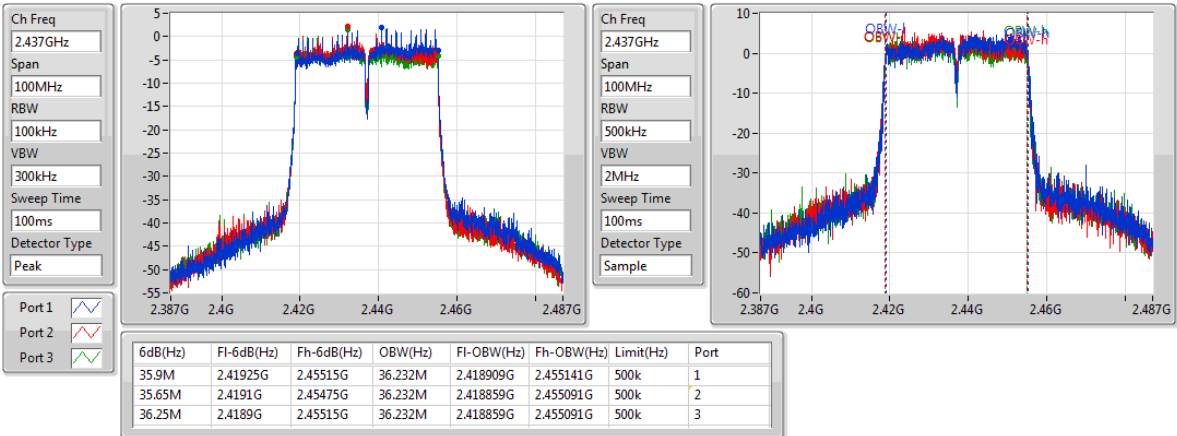
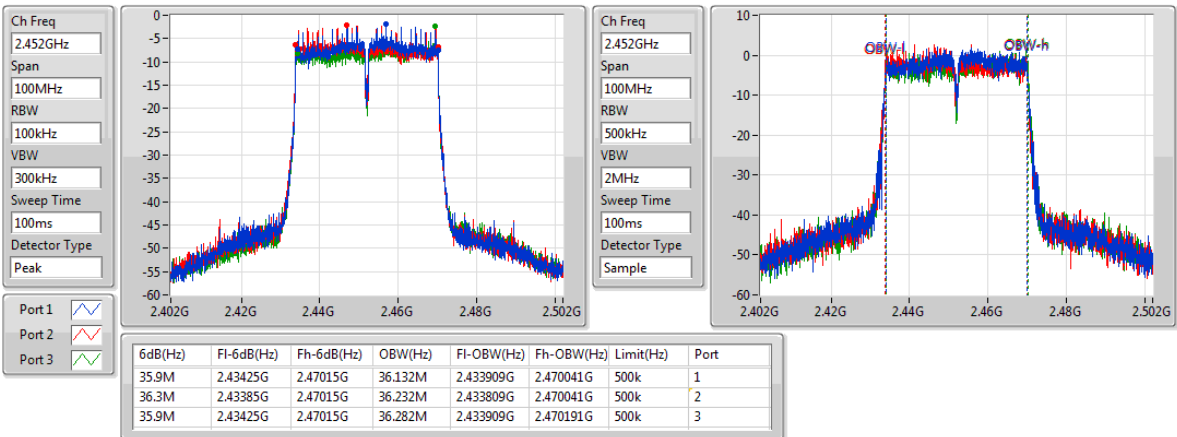
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	9.05M	12.519M	8.55M	12.719M	8.525M	12.619M
2437MHz	Pass	500k	9.025M	12.219M	9.05M	12.569M	8.55M	12.244M
2462MHz	Pass	500k	9M	12.419M	8.525M	12.294M	9.025M	12.419M
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.567M	16.325M	16.542M	16.325M	16.517M
2437MHz	Pass	500k	16.3M	16.867M	16.275M	17.166M	16.35M	16.767M
2462MHz	Pass	500k	16.425M	16.592M	16.35M	16.617M	16.325M	16.542M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.716M	17.6M	17.691M	17.575M	17.666M
2437MHz	Pass	500k	17.275M	17.916M	17.525M	18.166M	17.55M	17.866M
2462MHz	Pass	500k	17.525M	17.666M	17.6M	17.716M	17.55M	17.666M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.3M	36.282M	36.25M	36.232M	35.7M	36.132M
2437MHz	Pass	500k	35.9M	36.232M	35.65M	36.232M	36.25M	36.232M
2452MHz	Pass	500k	35.9M	36.132M	36.3M	36.232M	35.9M	36.282M

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

802.11b_Nss1,(1Mbps)_3TX
EBW
2412MHz

802.11b_Nss1,(1Mbps)_3TX
EBW
2437MHz

802.11b_Nss1,(1Mbps)_3TX
EBW
2462MHz


802.11g_Nss1,(6Mbps)_3TX
EBW
2412MHz

802.11g_Nss1,(6Mbps)_3TX
EBW
2437MHz

802.11g_Nss1,(6Mbps)_3TX
EBW
2462MHz


802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
2412MHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
2437MHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
2462MHz


802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
2422MHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
2437MHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
2452MHz


Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_Nss1,(1Mbps)_3TX	-	-
2.4-2.4835GHz	28.50	0.70795
802.11g_Nss1,(6Mbps)_3TX	-	-
2.4-2.4835GHz	27.28	0.53456
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
2.4-2.4835GHz	27.47	0.55847
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
2.4-2.4835GHz	20.74	0.11858

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	3.37	23.40	23.91	23.85	28.50	30.00
2437MHz	Pass	3.37	22.36	23.57	22.47	27.61	30.00
2462MHz	Pass	3.37	23.24	22.82	22.87	27.75	30.00
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	3.37	19.25	18.95	18.18	23.59	30.00
2437MHz	Pass	3.37	22.13	23.14	22.18	27.28	30.00
2462MHz	Pass	3.37	16.17	16.07	15.30	20.63	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	3.37	18.56	18.14	17.66	22.91	30.00
2437MHz	Pass	3.37	22.34	23.19	22.52	27.47	30.00
2462MHz	Pass	3.37	16.27	15.92	15.31	20.63	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	3.37	13.75	13.70	13.17	18.32	30.00
2437MHz	Pass	3.37	16.20	16.20	15.47	20.74	30.00
2452MHz	Pass	3.37	12.81	12.25	11.47	16.98	30.00

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

Summary

Mode	PD (dBm/RBW)
802.11b_Nss1,(1Mbps)_3TX	-
2.4-2.4835GHz	2.70
802.11g_Nss1,(6Mbps)_3TX	-
2.4-2.4835GHz	-0.68
802.11ac VHT20_Nss1,(MCS0)_3TX	-
2.4-2.4835GHz	-1.70
802.11ac VHT40_Nss1,(MCS0)_3TX	-
2.4-2.4835GHz	-10.17

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	8.14	-0.07	1.38	-0.47	2.70	5.86
2437MHz	Pass	8.14	-1.78	-1.16	-1.05	1.24	5.86
2462MHz	Pass	8.14	-1.14	-0.27	-1.87	1.93	5.86
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	8.14	-6.84	-7.36	-8.01	-3.72	5.86
2437MHz	Pass	8.14	-3.26	-3.83	-5.13	-0.68	5.86
2462MHz	Pass	8.14	-10.33	-10.35	-10.82	-7.53	5.86
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	8.14	-7.75	-8.11	-9.11	-5.88	5.86
2437MHz	Pass	8.14	-4.53	-2.61	-4.65	-1.70	5.86
2462MHz	Pass	8.14	-10.60	-10.13	-10.74	-7.80	5.86
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	8.14	-14.86	-14.26	-15.80	-12.76	5.86
2437MHz	Pass	8.14	-11.07	-12.31	-13.79	-10.17	5.86
2452MHz	Pass	8.14	-15.19	-16.01	-16.55	-14.07	5.86

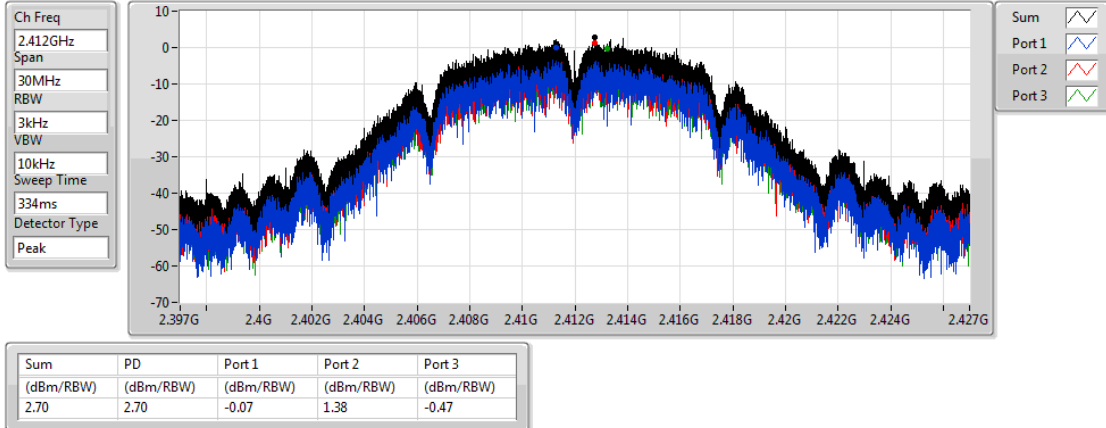
DG = Directional Gain; RBW=3kHz;

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

802.11b_Nss1,(1Mbps)_3TX

PSD

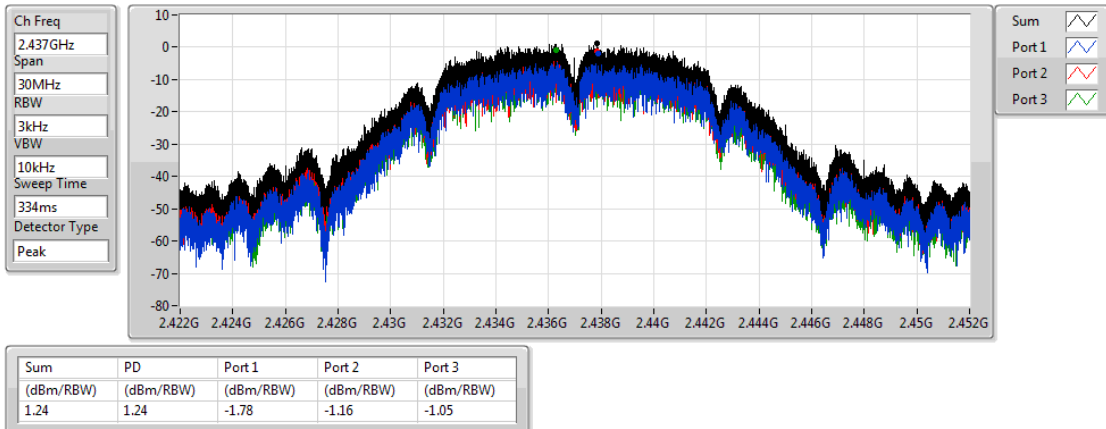
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802.11b_Nss1,(1Mbps)_3TX

PSD

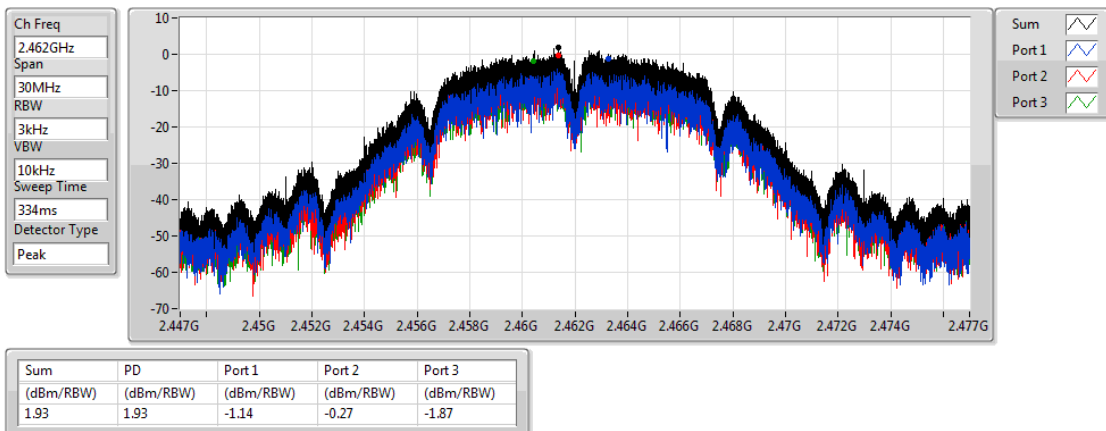
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802.11b_Nss1,(1Mbps)_3TX

PSD

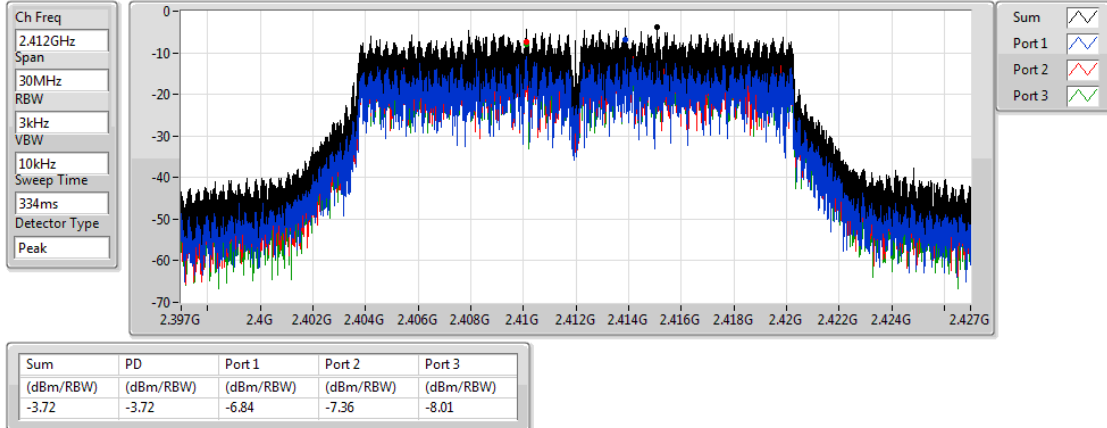
2462MHz



802.11g_Nss1,(6Mbps)_3TX

PSD

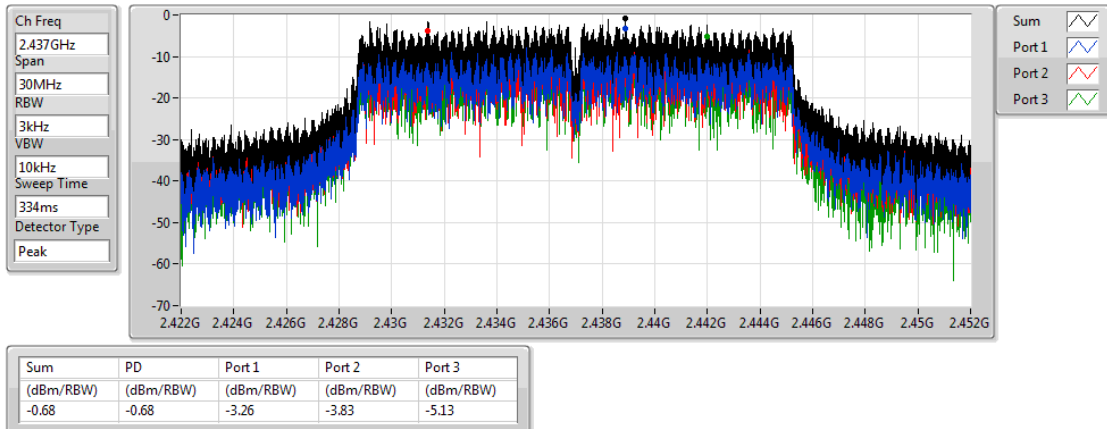
2412MHz



802.11g_Nss1,(6Mbps)_3TX

PSD

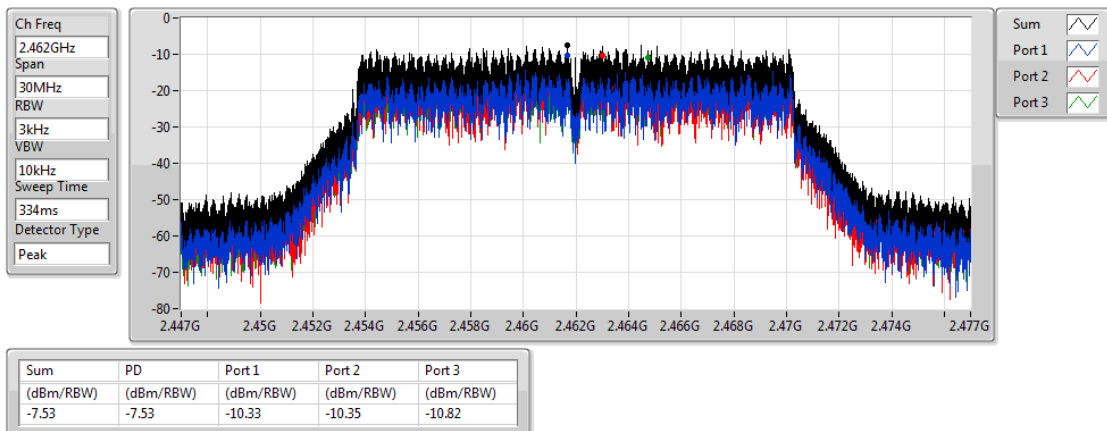
2437MHz



802.11g_Nss1,(6Mbps)_3TX

PSD

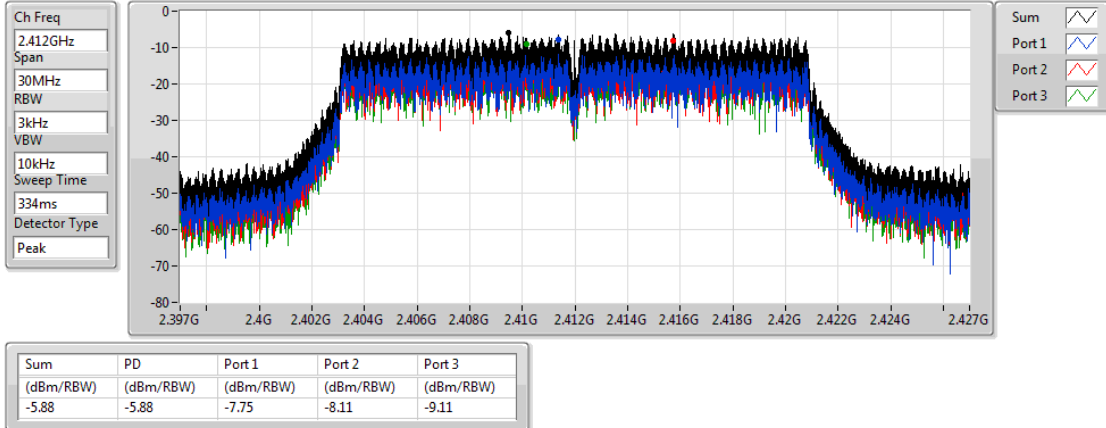
2462MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

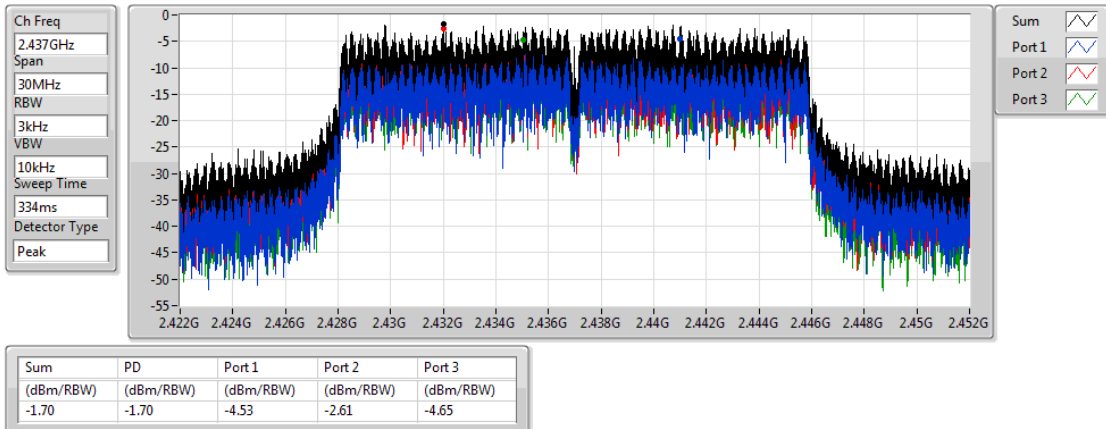
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802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

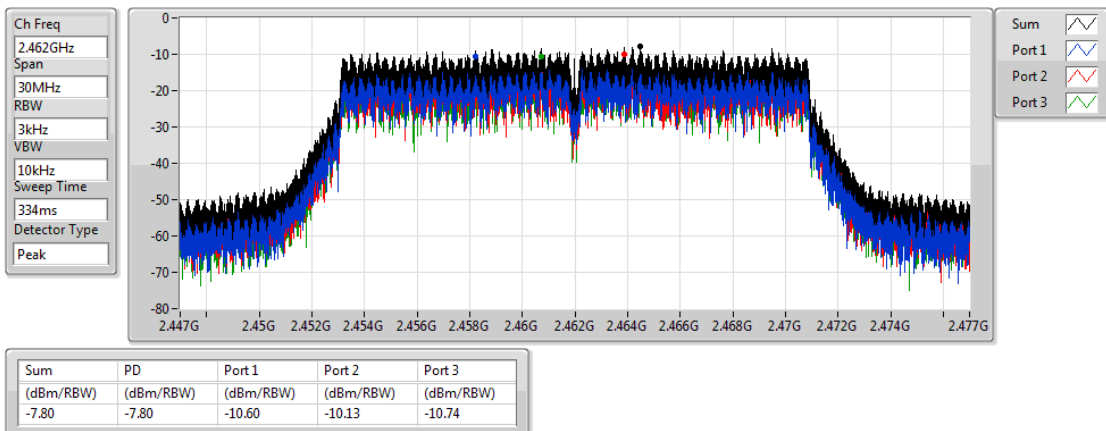
2437MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

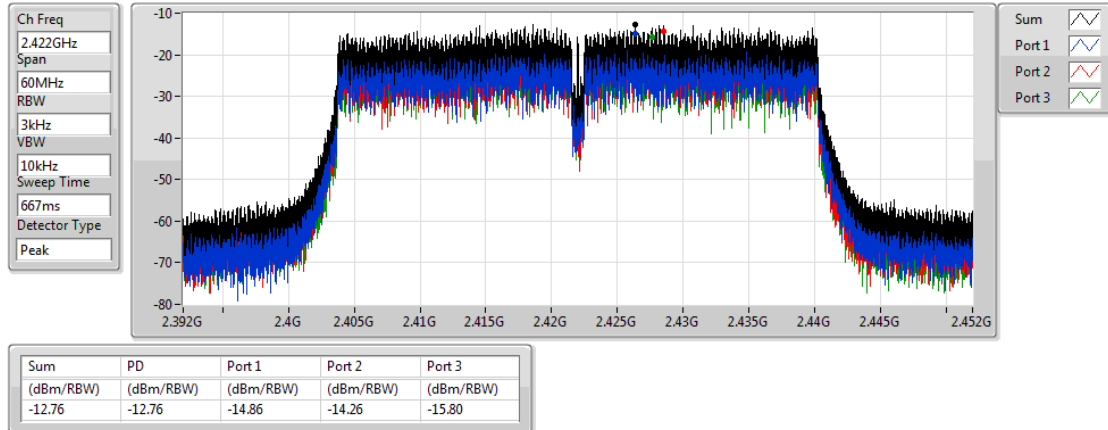
2462MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

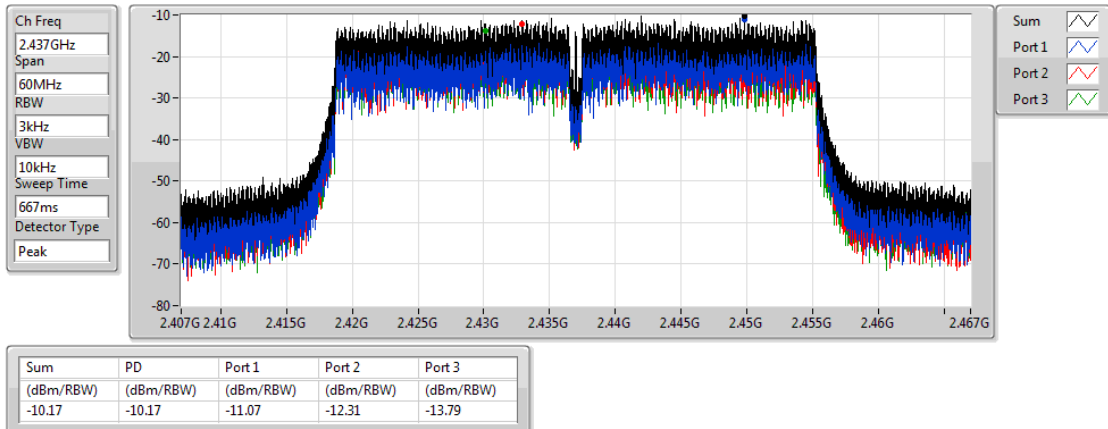
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802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

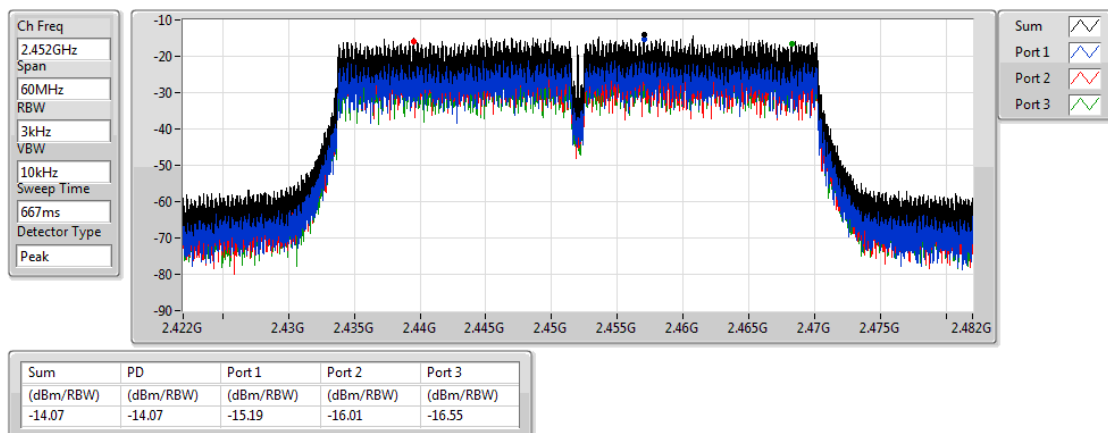
2437MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

2452MHz



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.28	2.3992G	-23.79	2.49446G	-48.02	15.056958G	-54.79	3

Result

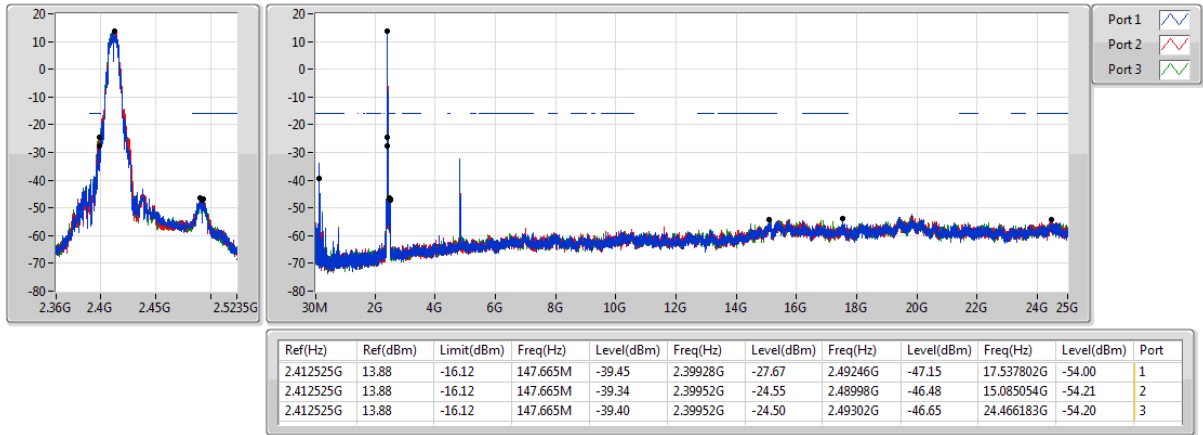
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.45	2.39928G	-27.67	2.49246G	-47.15	17.537802G	-54.00	1
2412MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.34	2.39952G	-24.55	2.48998G	-46.48	15.085054G	-54.21	2
2412MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.40	2.39952G	-24.50	2.49302G	-46.65	24.466183G	-54.20	3
2422MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.53	2.39608G	-45.51	2.5015G	-46.42	15.144055G	-54.65	1
2422MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.42	2.39608G	-43.57	2.5015G	-47.10	24.454945G	-54.36	2
2422MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.37	2.39704G	-43.65	2.49998G	-45.85	15.087864G	-54.88	3
2437MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.52	2.39784G	-54.34	2.51318G	-50.31	15.082244G	-53.65	1
2437MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.49	2.39912G	-53.81	2.51454G	-51.93	15.318248G	-54.30	2
2437MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.30	2.39264G	-54.99	2.51654G	-51.64	16.501073G	-54.84	3
2452MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.41	2.398G	-56.00	2.4839G	-49.18	15.062577G	-54.12	1
2452MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.39	2.3988G	-56.31	2.4839G	-51.86	15.118769G	-53.95	2
2452MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.51	2.39784G	-55.95	2.49246G	-52.77	15.3042G	-53.86	3
2462MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.45	2.39792G	-56.39	2.48846G	-45.37	15.101911G	-53.58	1
2462MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.37	2.39872G	-54.39	2.48798G	-44.79	15.121578G	-53.98	2
2462MHz	Pass	2.412525G	13.88	-16.12	147.665M	-39.27	2.39592G	-56.00	2.48702G	-44.44	16.613456G	-54.33	3
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.41	2.39976G	-25.84	2.48734G	-51.14	15.329486G	-54.24	1
2412MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.45	2.3996G	-26.65	2.48694G	-51.63	15.329486G	-52.29	2
2412MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.40	2.396G	-28.23	2.48734G	-51.56	15.104721G	-54.19	3
2422MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.43	2.39984G	-30.43	2.49446G	-48.14	15.104721G	-54.45	1
2422MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.35	2.39992G	-28.17	2.49814G	-48.82	15.337915G	-54.66	2
2422MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.46	2.39984G	-27.15	2.49694G	-47.04	24.401563G	-53.58	3
2437MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.50	2.39768G	-46.79	2.51078G	-47.92	15.087864G	-53.86	1
2437MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.43	2.39864G	-44.72	2.5095G	-50.73	15.130007G	-54.77	2
2437MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.30	2.39616G	-46.43	2.48406G	-50.99	15.056958G	-53.88	3
2452MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.49	2.39984G	-51.18	2.48446G	-40.32	15.023244G	-53.92	1
2452MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.41	2.3952G	-51.82	2.48374G	-41.16	15.073816G	-53.97	2
2452MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.39	2.39696G	-53.36	2.4867G	-45.55	16.239784G	-54.22	3
2462MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.45	2.39008G	-59.69	2.48374G	-46.22	15.11034G	-53.91	1
2462MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.36	2.39016G	-55.85	2.48358G	-44.12	15.104721G	-53.71	2
2462MHz	Pass	2.440748G	10.94	-19.06	147.665M	-39.45	2.39016G	-57.96	2.48382G	-45.46	24.474612G	-54.19	3
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.35	2.39952G	-24.78	2.48702G	-52.42	24.404373G	-53.29	1
2412MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.45	2.3992G	-24.83	2.48574G	-52.88	15.11034G	-54.37	2
2412MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.34	2.39832G	-30.05	2.48574G	-54.13	15.115959G	-54.54	3
2422MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.33	2.39952G	-26.94	2.49822G	-48.16	15.121578G	-53.96	1
2422MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.36	2.39992G	-24.36	2.49702G	-48.69	16.655599G	-54.17	2
2422MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.28	2.3992G	-23.79	2.49446G	-48.02	15.056958G	-54.79	3
2437MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.48	2.39568G	-45.28	2.48398G	-50.48	15.10753G	-54.62	1
2437MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.38	2.39984G	-42.15	2.48462G	-50.82	15.121578G	-53.56	2
2437MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.30	2.3992G	-44.03	2.48478G	-50.90	15.093483G	-53.24	3

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
2452MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.34	2.39976G	-50.27	2.48414G	-37.77	24.668472G	-54.25	1
2452MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.28	2.39544G	-50.88	2.4847G	-38.32	15.340724G	-54.54	2
2452MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.33	2.39864G	-52.98	2.48382G	-39.44	15.11034G	-54.28	3
2462MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.41	2.39016G	-59.88	2.48382G	-45.06	15.090673G	-52.85	1
2462MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.45	2.3908G	-56.64	2.48446G	-41.37	15.115959G	-53.25	2
2462MHz	Pass	2.441917G	11.59	-18.41	147.665M	-39.27	2.39056G	-58.41	2.48414G	-42.23	15.307009G	-54.51	3
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.33	2.3944G	-43.98	2.48686G	-55.73	24.554075G	-53.72	1
2422MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.46	2.39968G	-41.91	2.48782G	-56.73	16.838723G	-53.65	2
2422MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.38	2.39712G	-41.42	2.48446G	-54.67	15.080262G	-54.26	3
2432MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.53	2.39456G	-42.86	2.48382G	-52.23	24.506397G	-54.03	1
2432MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.46	2.39952G	-38.31	2.49566G	-53.68	24.04084G	-53.33	2
2432MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.40	2.39456G	-38.31	2.48414G	-52.17	15.091481G	-53.81	3
2437MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.35	2.3992G	-44.80	2.48478G	-44.99	15.083067G	-54.36	1
2437MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.22	2.39952G	-40.12	2.48526G	-47.98	15.153181G	-54.34	2
2437MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.26	2.39968G	-38.54	2.48478G	-47.87	24.655039G	-54.75	3
2442MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.50	2.39808G	-50.84	2.48638G	-46.39	24.556879G	-53.73	1
2442MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.45	2.39936G	-48.55	2.48478G	-47.32	24.559684G	-54.68	2
2442MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.50	2.39952G	-49.50	2.48446G	-47.85	15.094285G	-53.82	3
2452MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.56	2.39808G	-58.72	2.48942G	-43.82	24.371778G	-54.05	1
2452MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.45	2.39488G	-59.93	2.48446G	-45.84	24.108149G	-54.31	2
2452MHz	Pass	2.452104G	1.90	-28.10	146.79M	-39.56	2.39808G	-59.81	2.48942G	-43.19	15.12794G	-53.04	3

802.11b_Nss1,(1Mbps)_3TX

CSE NdB

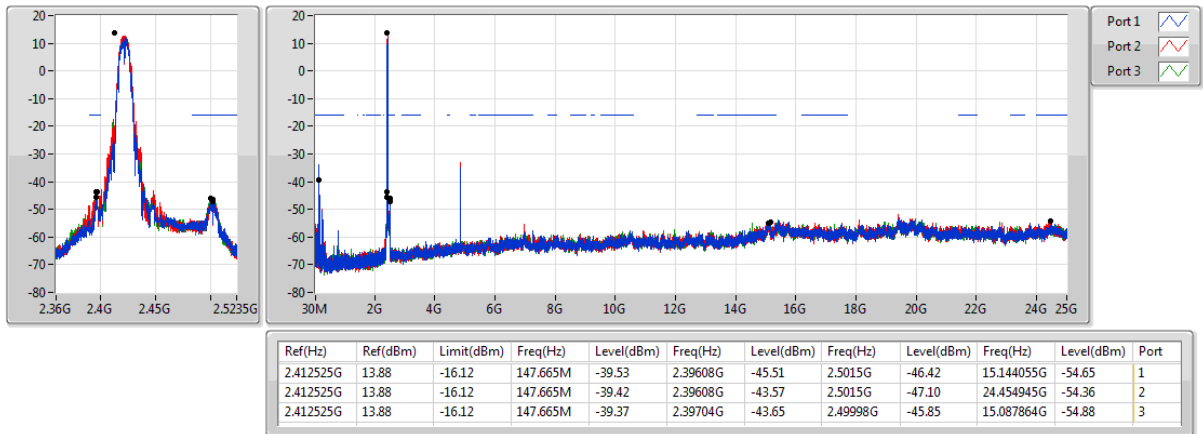
2412MHz



802.11b_Nss1,(1Mbps)_3TX

CSE NdB

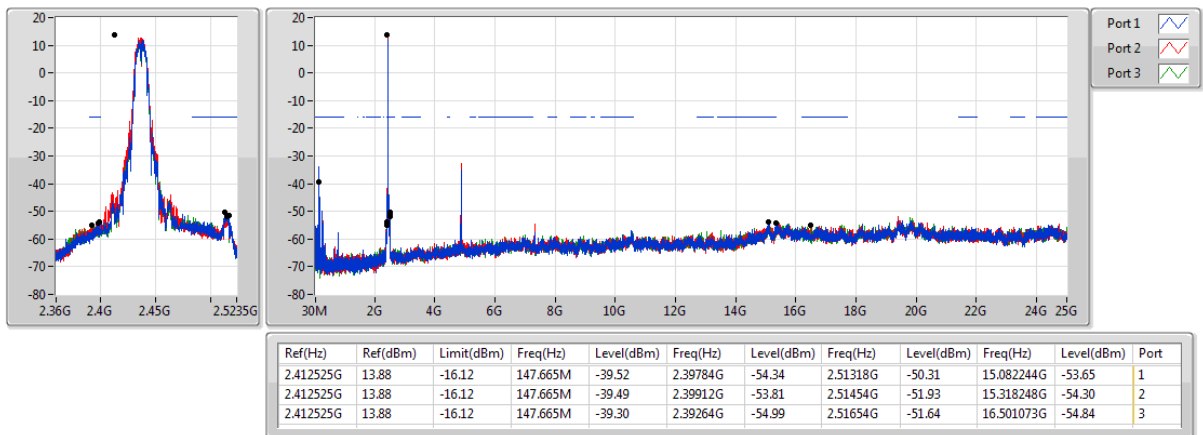
2422MHz



802.11b_Nss1,(1Mbps)_3TX

CSE NdB

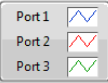
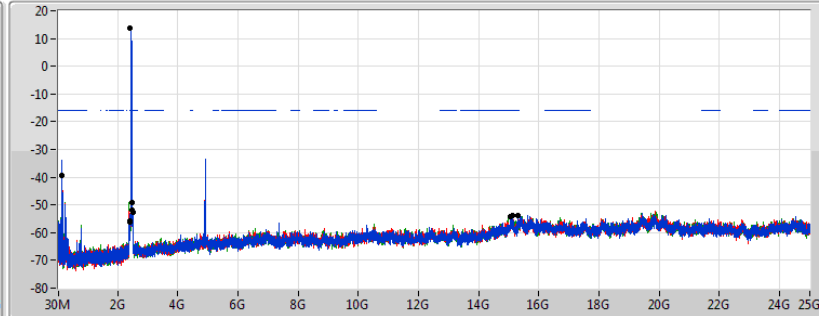
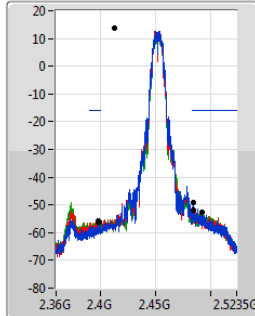
2437MHz



802.11b_Nss1,(1Mbps)_3TX

CSE NdB

2452MHz

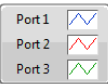
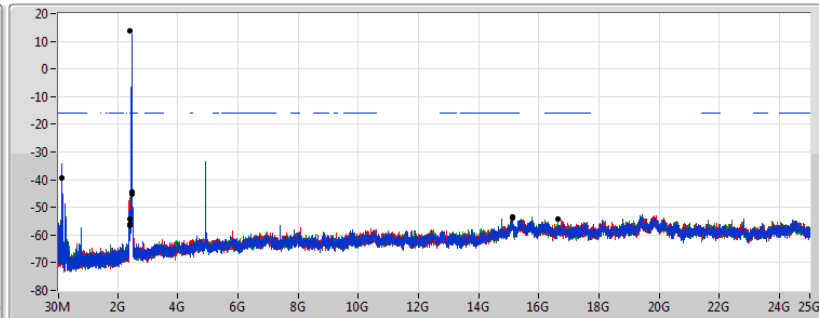
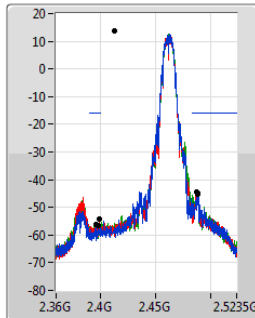


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.412525G	13.88	-16.12	147.665M	-39.41	2.398G	-56.00	2.4839G	-49.18	15.062577G	-54.12	1
2.412525G	13.88	-16.12	147.665M	-39.39	2.3988G	-56.31	2.4839G	-51.86	15.118769G	-53.95	2
2.412525G	13.88	-16.12	147.665M	-39.51	2.39784G	-55.95	2.49246G	-52.77	15.3042G	-53.86	3

802.11b_Nss1,(1Mbps)_3TX

CSE NdB

2462MHz

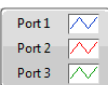
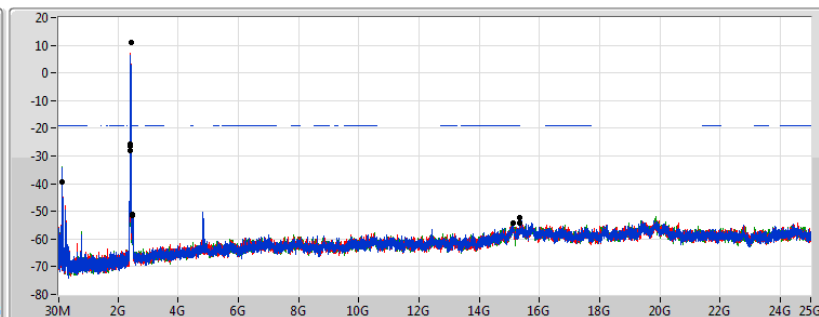
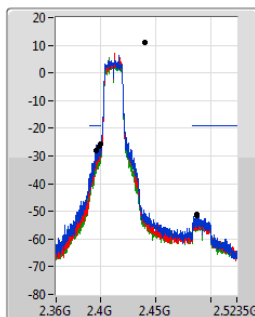


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.412525G	13.88	-16.12	147.665M	-39.45	2.39792G	-56.39	2.48846G	-45.37	15.101911G	-53.58	1
2.412525G	13.88	-16.12	147.665M	-39.37	2.39872G	-54.39	2.48798G	-44.79	15.121578G	-53.98	2
2.412525G	13.88	-16.12	147.665M	-39.27	2.39592G	-56.00	2.48702G	-44.44	16.613456G	-54.33	3

802.11g_Nss1,(6Mbps)_3TX

CSE NdB

2412MHz

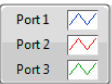
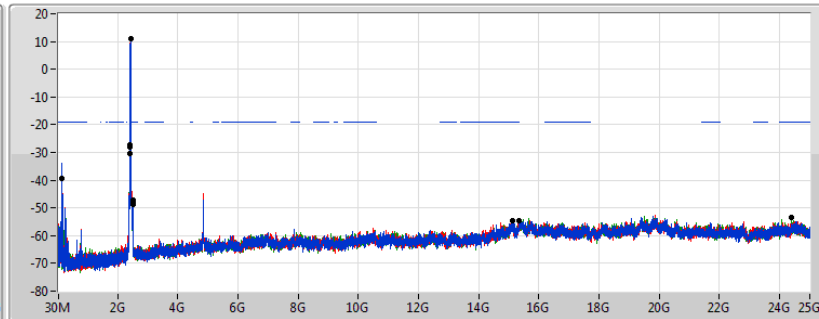
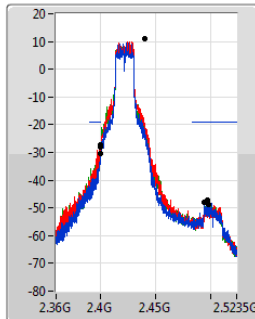


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	10.94	-19.06	147.665M	-39.41	2.39976G	-25.84	2.48734G	-51.14	15.329486G	-54.24	1
2.440748G	10.94	-19.06	147.665M	-39.45	2.3996G	-26.65	2.48694G	-51.63	15.329486G	-52.29	2
2.440748G	10.94	-19.06	147.665M	-39.40	2.396G	-28.23	2.48734G	-51.56	15.104721G	-54.19	3

802.11g_Nss1,(6Mbps)_3TX

CSE NdB

2422MHz

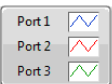
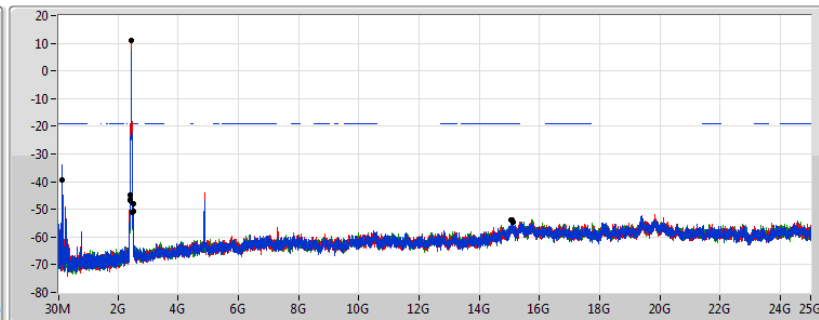
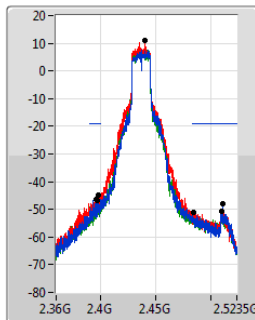


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	10.94	-19.06	147.665M	-39.43	2.39984G	-30.43	2.49446G	-48.14	15.104721G	-54.45	1
2.440748G	10.94	-19.06	147.665M	-39.35	2.39992G	-28.17	2.49814G	-48.82	15.337915G	-54.66	2
2.440748G	10.94	-19.06	147.665M	-39.46	2.39984G	-27.15	2.49694G	-47.04	24.401563G	-53.58	3

802.11g_Nss1,(6Mbps)_3TX

CSE NdB

2437MHz

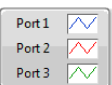
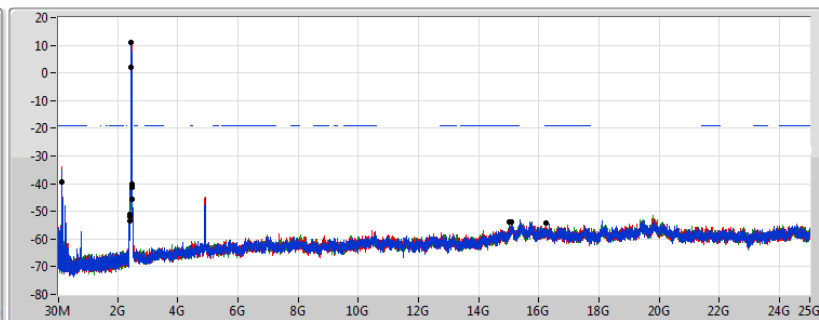
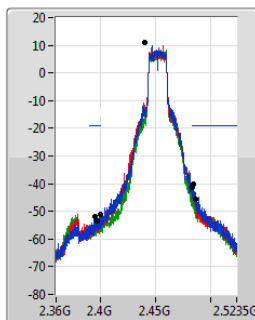


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	10.94	-19.06	147.665M	-39.50	2.39768G	-46.79	2.51078G	-47.92	15.087864G	-53.86	1
2.440748G	10.94	-19.06	147.665M	-39.43	2.39864G	-44.72	2.5095G	-50.73	15.130007G	-54.77	2
2.440748G	10.94	-19.06	147.665M	-39.30	2.39616G	-46.43	2.48406G	-50.99	15.056958G	-53.88	3

802.11g_Nss1,(6Mbps)_3TX

CSE NdB

2452MHz

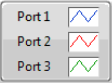
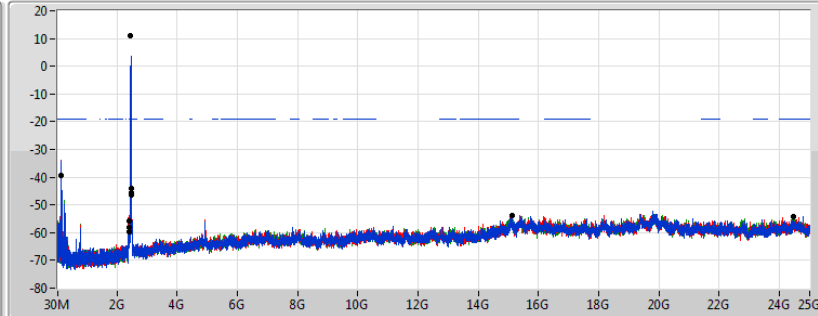
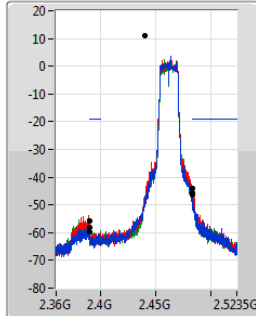


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	10.94	-19.06	147.665M	-39.49	2.39984G	-51.18	2.48446G	-40.32	15.023244G	-53.92	1
2.440748G	10.94	-19.06	147.665M	-39.41	2.3952G	-51.82	2.48374G	-41.16	15.073816G	-53.97	2
2.440748G	10.94	-19.06	147.665M	-39.39	2.39696G	-53.36	2.4867G	-45.55	16.239784G	-54.22	3

802.11g_Nss1,(6Mbps)_3TX

CSE NdB

2462MHz

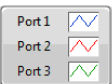
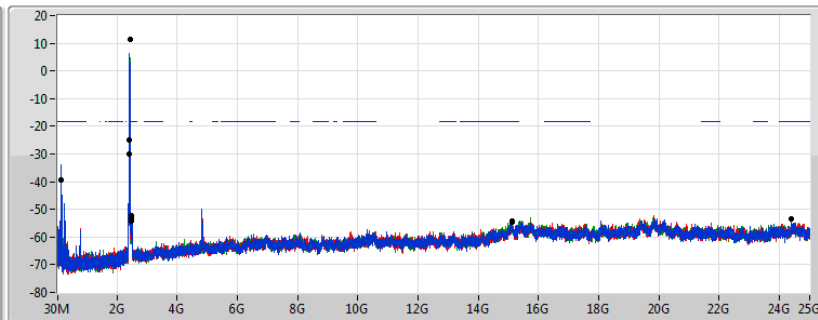
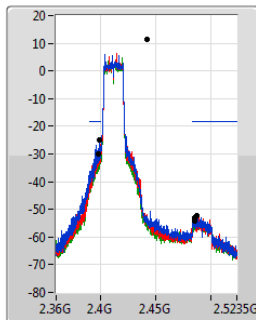


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	10.94	-19.06	147.665M	-39.45	2.39008G	-59.69	2.48374G	-46.22	15.11034G	-53.91	1
2.440748G	10.94	-19.06	147.665M	-39.36	2.39016G	-55.85	2.48358G	-44.12	15.104721G	-53.71	2
2.440748G	10.94	-19.06	147.665M	-39.45	2.39016G	-57.96	2.48382G	-45.46	24.474612G	-54.19	3

802.11ac VHT20_Nss1,(MCS0)_3TX

CSE NdB

2412MHz

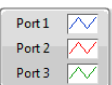
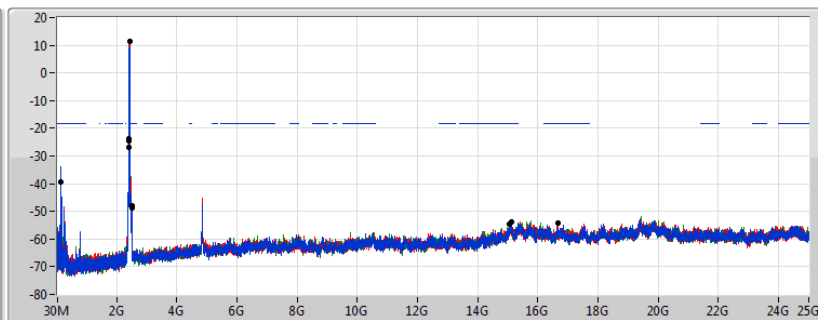
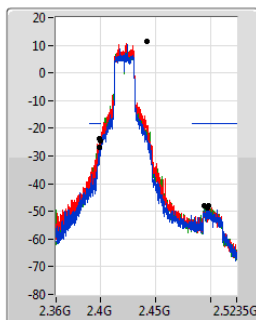


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	11.59	-18.41	147.665M	-39.35	2.39952G	-24.78	2.48702G	-52.42	24.404373G	-53.29	1
2.441917G	11.59	-18.41	147.665M	-39.45	2.3992G	-24.83	2.48574G	-52.88	15.11034G	-54.37	2
2.441917G	11.59	-18.41	147.665M	-39.34	2.39832G	-30.05	2.48574G	-54.13	15.115959G	-54.54	3

802.11ac VHT20_Nss1,(MCS0)_3TX

CSE NdB

2422MHz

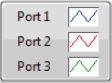
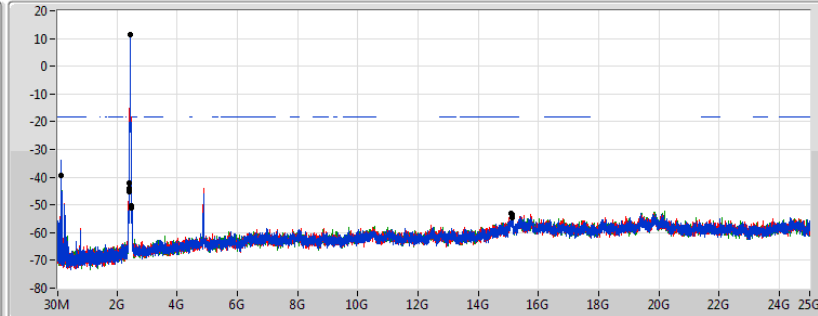
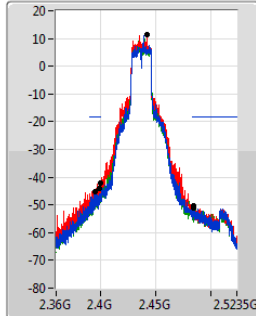


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	11.59	-18.41	147.665M	-39.33	2.39952G	-26.94	2.49822G	-48.16	15.121578G	-53.96	1
2.441917G	11.59	-18.41	147.665M	-39.36	2.39992G	-24.36	2.49702G	-48.69	16.655599G	-54.17	2
2.441917G	11.59	-18.41	147.665M	-39.28	2.3992G	-23.79	2.49446G	-48.02	15.056958G	-54.79	3

802.11ac VHT20_Nss1,(MCS0)_3TX

CSE NdB

2437MHz

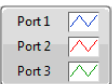
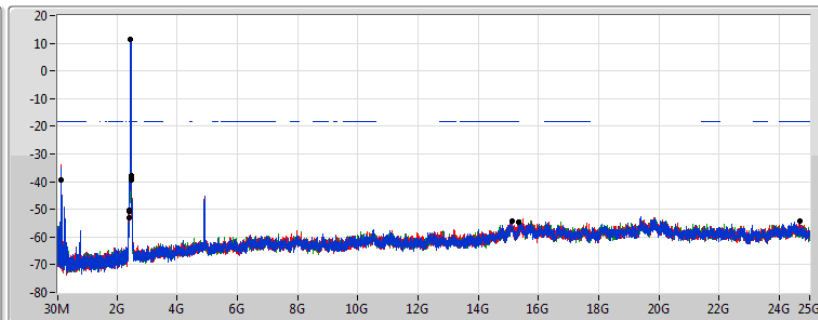
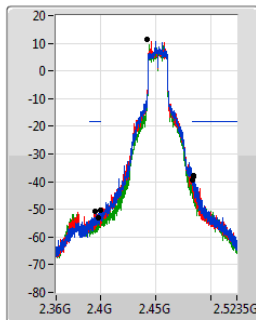


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	11.59	-18.41	147.665M	-39.48	2.39568G	-45.28	2.48398G	-50.48	15.10753G	-54.62	1
2.441917G	11.59	-18.41	147.665M	-39.38	2.39984G	-42.15	2.48462G	-50.82	15.121578G	-53.56	2
2.441917G	11.59	-18.41	147.665M	-39.30	2.3992G	-44.03	2.48478G	-50.90	15.093483G	-53.24	3

802.11ac VHT20_Nss1,(MCS0)_3TX

CSE NdB

2452MHz

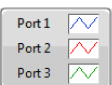
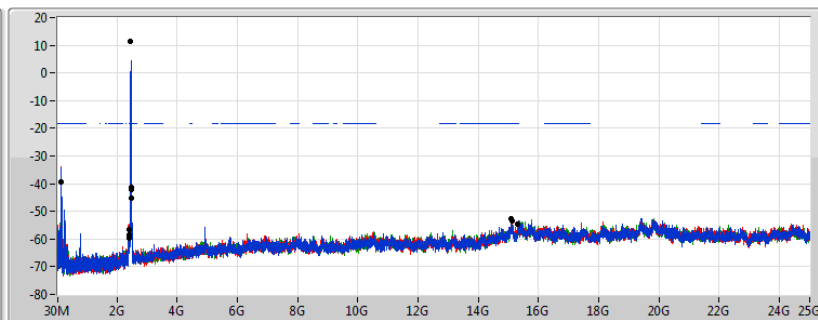
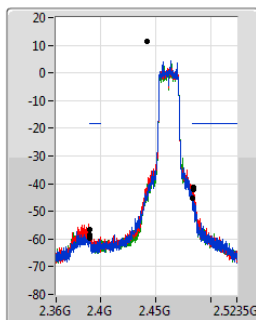


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	11.59	-18.41	147.665M	-39.34	2.39976G	-50.27	2.48414G	-37.77	24.668472G	-54.25	1
2.441917G	11.59	-18.41	147.665M	-39.28	2.39544G	-50.88	2.4847G	-38.32	15.340724G	-54.54	2
2.441917G	11.59	-18.41	147.665M	-39.33	2.39864G	-52.98	2.48382G	-39.44	15.11034G	-54.28	3

802.11ac VHT20_Nss1,(MCS0)_3TX

CSE NdB

2462MHz

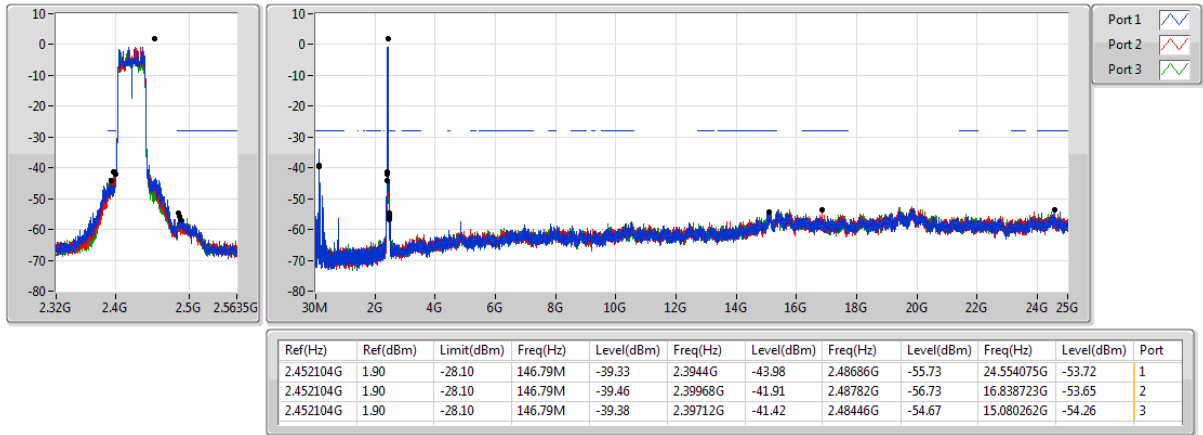


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	11.59	-18.41	147.665M	-39.41	2.39016G	-59.88	2.48382G	-45.06	15.090673G	-52.85	1
2.441917G	11.59	-18.41	147.665M	-39.45	2.3908G	-56.64	2.48446G	-41.37	15.115959G	-53.25	2
2.441917G	11.59	-18.41	147.665M	-39.27	2.39056G	-58.41	2.48414G	-42.23	15.307009G	-54.51	3

802.11ac VHT40_Nss1,(MCS0)_3TX

CSE NdB

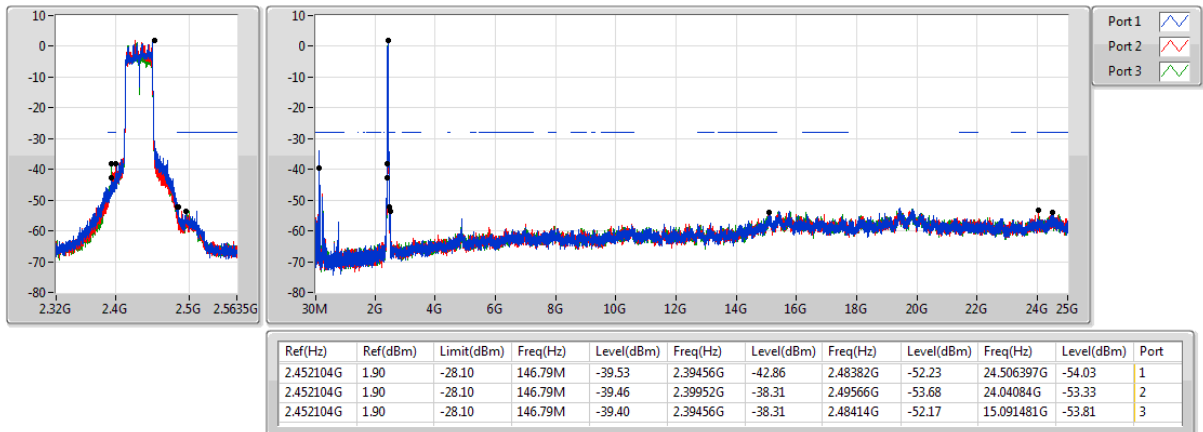
2422MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

CSE NdB

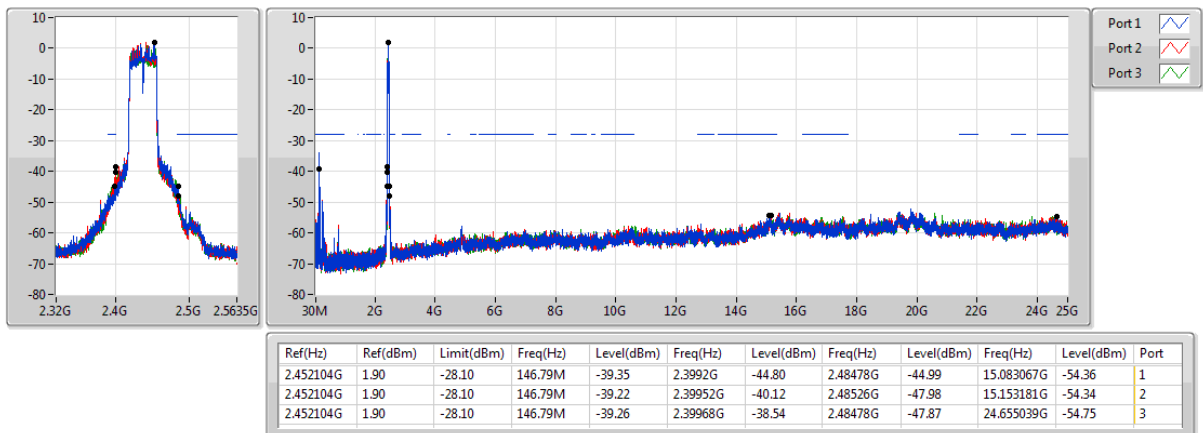
2432MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

CSE NdB

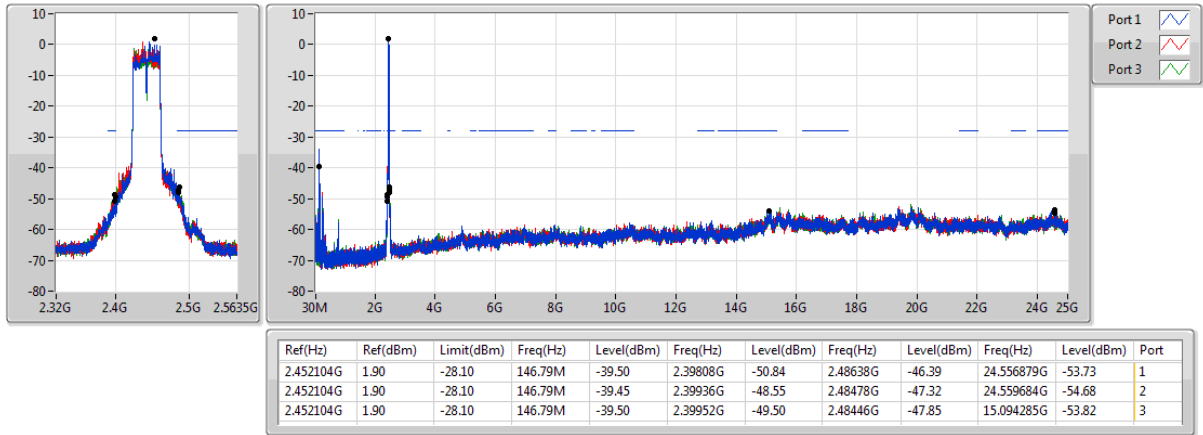
2437MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

CSE NdB

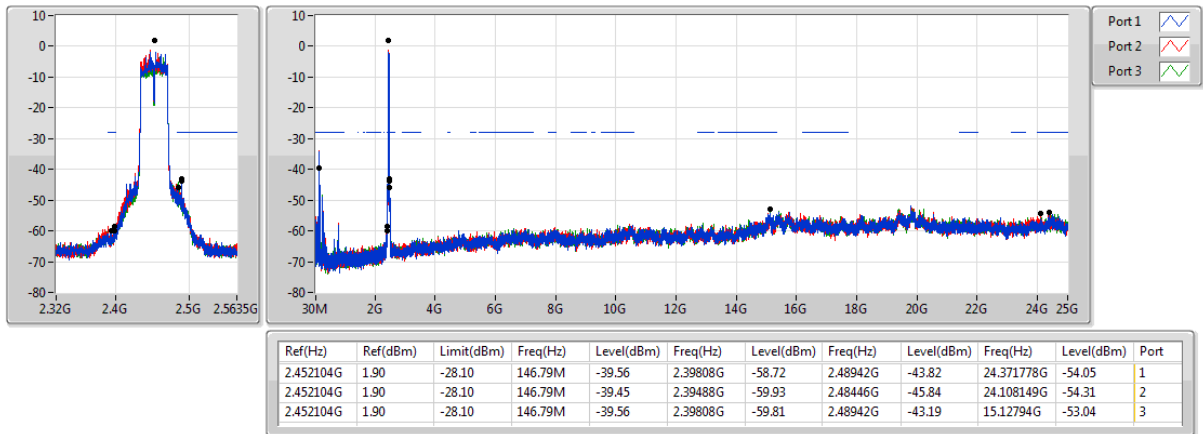
2442MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

CSE NdB

2452MHz



**Summary**

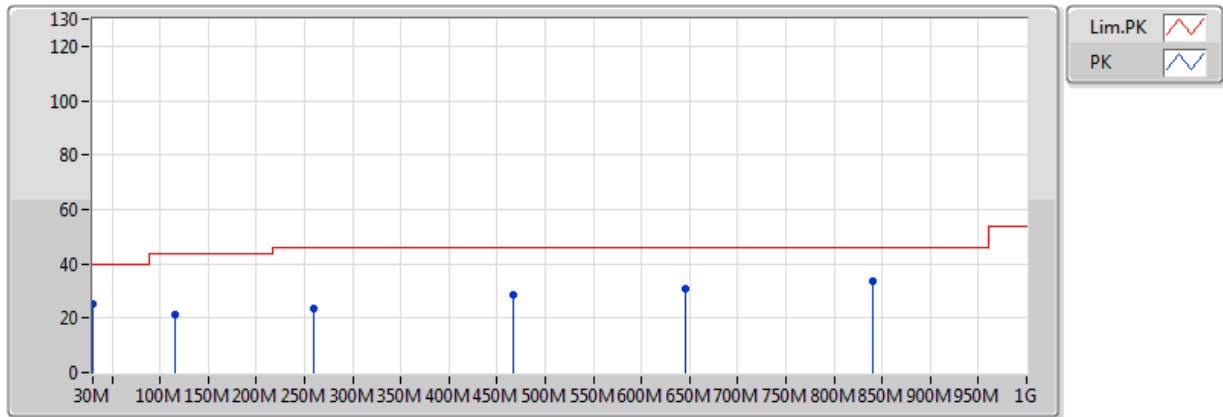
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	840.92M	33.88	46.00	-12.12	1.92	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	31.94M	25.60	40.00	-14.40	-5.94	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	132.82M	22.23	43.50	-21.27	-9.23	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	256.98M	23.27	46.00	-22.73	-6.76	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	495.6M	28.64	46.00	-17.36	-2.61	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	757.5M	31.63	46.00	-14.37	0.76	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	881.66M	33.37	46.00	-12.63	2.69	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	30M	25.27	40.00	-14.73	-5.15	3	Vertical	0	1.00	-
2437MHz	Pass	PK	115.36M	21.30	43.50	-22.20	-9.04	3	Vertical	0	1.00	-
2437MHz	Pass	PK	258.92M	23.81	46.00	-22.19	-6.50	3	Vertical	0	1.00	-
2437MHz	Pass	PK	466.5M	28.68	46.00	-17.32	-2.95	3	Vertical	0	1.00	-
2437MHz	Pass	PK	644.98M	31.01	46.00	-14.99	-0.76	3	Vertical	0	1.00	-
2437MHz	Pass	PK	840.92M	33.88	46.00	-12.12	1.92	3	Vertical	0	1.00	-

802.11ac VHT40_Nss1,(MCS0)_3TX

2437MHz_Adapter mode

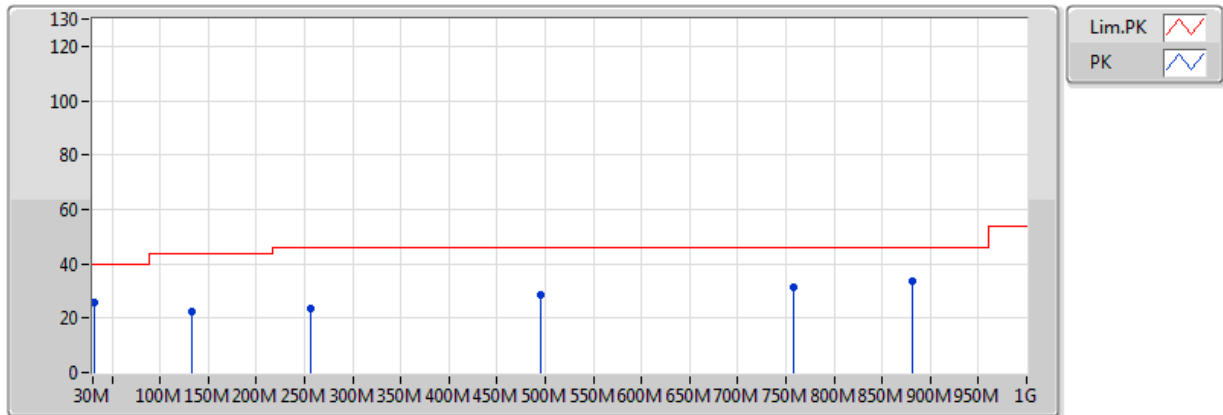


Eut=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	25.27	40.00	-14.73	-5.15	3	Vertical	0	1.00	-	30.42	22.02	0.68	27.85
PK	115.36M	21.30	43.50	-22.20	-9.04	3	Vertical	0	1.00	-	30.34	17.18	1.53	27.75
PK	258.92M	23.81	46.00	-22.19	-6.50	3	Vertical	0	1.00	-	30.31	18.54	2.26	27.30
PK	466.5M	28.68	46.00	-17.32	-2.95	3	Vertical	0	1.00	-	31.63	22.06	3.30	28.31
PK	644.98M	31.01	46.00	-14.99	-0.76	3	Vertical	0	1.00	-	31.77	23.98	3.74	28.48
PK	840.92M	33.88	46.00	-12.12	1.92	3	Vertical	0	1.00	-	31.96	25.17	4.66	27.91

802.11ac VHT40_Nss1,(MCS0)_3TX

2437MHz_Adapter mode



Eut=Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	25.60	40.00	-14.40	-5.94	3	Horizontal	360	1.00	-	31.54	21.19	0.71	27.83
PK	132.82M	22.23	43.50	-21.27	-9.23	3	Horizontal	360	1.00	-	31.46	16.72	1.74	27.69
PK	256.98M	23.27	46.00	-22.73	-6.76	3	Horizontal	360	1.00	-	30.03	18.29	2.25	27.31
PK	495.6M	28.64	46.00	-17.36	-2.61	3	Horizontal	360	1.00	-	31.25	22.48	3.38	28.47
PK	757.5M	31.63	46.00	-14.37	0.76	3	Horizontal	360	1.00	-	30.87	24.76	4.20	28.20
PK	881.66M	33.37	46.00	-12.63	2.69	3	Horizontal	360	1.00	-	30.68	25.40	5.03	27.73

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.3884G	53.85	54.00	-0.15	2.09	3	Vertical	207	1.42	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3872G	49.72	54.00	-4.28	2.09	3	Vertical	337	1.94	-
2412MHz	Pass	AV	2.4112G	115.83	Inf	-Inf	2.14	3	Vertical	337	1.94	-
2412MHz	Pass	PK	2.3872G	59.15	74.00	-14.85	2.09	3	Vertical	337	1.94	-
2412MHz	Pass	PK	2.413G	119.96	Inf	-Inf	2.14	3	Vertical	337	1.94	-
2412MHz	Pass	AV	4.823988G	42.89	54.00	-11.11	6.73	3	Horizontal	176	1.29	-
2412MHz	Pass	PK	4.824104G	50.78	74.00	-23.22	6.73	3	Horizontal	176	1.29	-
2412MHz	Pass	AV	4.824G	53.80	54.00	-0.20	6.73	3	Vertical	22	1.46	-
2412MHz	Pass	PK	4.823896G	57.10	74.00	-16.90	6.73	3	Vertical	22	1.46	-
2422MHz	Pass	AV	2.3896G	44.43	54.00	-9.57	2.09	3	Vertical	337	2.06	-
2422MHz	Pass	AV	2.4212G	113.22	Inf	-Inf	2.16	3	Vertical	337	2.06	-
2422MHz	Pass	PK	2.387G	55.60	74.00	-18.40	2.08	3	Vertical	337	2.06	-
2422MHz	Pass	PK	2.421G	117.14	Inf	-Inf	2.16	3	Vertical	337	2.06	-
2437MHz	Pass	AV	2.3894G	43.68	54.00	-10.32	2.09	3	Vertical	229	1.50	-
2437MHz	Pass	AV	2.4362G	112.07	Inf	-Inf	2.19	3	Vertical	229	1.50	-
2437MHz	Pass	AV	2.493G	44.30	54.00	-9.70	2.30	3	Vertical	229	1.50	-
2437MHz	Pass	PK	2.3878G	54.99	74.00	-19.01	2.09	3	Vertical	229	1.50	-
2437MHz	Pass	PK	2.4362G	115.96	Inf	-Inf	2.19	3	Vertical	229	1.50	-
2437MHz	Pass	PK	2.4866G	56.28	74.00	-17.72	2.28	3	Vertical	229	1.50	-
2437MHz	Pass	AV	4.874G	42.67	54.00	-11.33	6.82	3	Horizontal	261	1.76	-
2437MHz	Pass	PK	4.874024G	51.14	74.00	-22.86	6.82	3	Horizontal	261	1.76	-
2437MHz	Pass	AV	4.873976G	52.34	54.00	-1.66	6.82	3	Vertical	357	1.50	-
2437MHz	Pass	PK	4.874032G	56.23	74.00	-17.77	6.82	3	Vertical	357	1.50	-
2452MHz	Pass	AV	2.4512G	112.64	Inf	-Inf	2.22	3	Vertical	235	1.41	-
2452MHz	Pass	AV	2.4938G	44.41	54.00	-9.59	2.30	3	Vertical	235	1.41	-
2452MHz	Pass	PK	2.451G	116.68	Inf	-Inf	2.22	3	Vertical	235	1.41	-
2452MHz	Pass	PK	2.4868G	56.37	74.00	-17.63	2.28	3	Vertical	235	1.41	-
2462MHz	Pass	AV	2.4628G	108.97	Inf	-Inf	2.24	3	Vertical	236	1.36	-
2462MHz	Pass	AV	2.483502G	44.38	54.00	-9.62	2.28	3	Vertical	236	1.36	-
2462MHz	Pass	PK	2.463G	112.88	Inf	-Inf	2.24	3	Vertical	236	1.36	-
2462MHz	Pass	PK	2.4888G	55.99	74.00	-18.01	2.29	3	Vertical	236	1.36	-
2462MHz	Pass	AV	4.923972G	46.06	54.00	-7.94	6.92	3	Horizontal	179	1.25	-
2462MHz	Pass	PK	4.923908G	54.33	74.00	-19.67	6.92	3	Horizontal	179	1.25	-
2462MHz	Pass	AV	4.923988G	53.27	54.00	-0.73	6.92	3	Vertical	21	1.59	-
2462MHz	Pass	PK	4.923976G	57.09	74.00	-16.91	6.92	3	Vertical	21	1.59	-
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.05	54.00	-1.95	2.09	3	Vertical	141	2.07	-
2412MHz	Pass	AV	2.4188G	102.13	Inf	-Inf	2.16	3	Vertical	141	2.07	-
2412MHz	Pass	PK	2.3894G	73.71	74.00	-0.29	2.09	3	Vertical	141	2.07	-
2412MHz	Pass	PK	2.419G	111.67	Inf	-Inf	2.16	3	Vertical	141	2.07	-
2412MHz	Pass	AV	4.82848G	35.01	54.00	-18.99	6.73	3	Horizontal	360	1.50	-
2412MHz	Pass	PK	4.82216G	48.28	74.00	-25.72	6.72	3	Horizontal	360	1.50	-
2412MHz	Pass	AV	4.82418G	37.39	54.00	-16.61	6.73	3	Vertical	0	1.50	-
2412MHz	Pass	PK	4.82332G	50.92	74.00	-23.08	6.72	3	Vertical	0	1.50	-
2422MHz	Pass	AV	2.3888G	50.36	54.00	-3.64	2.09	3	Vertical	200	1.08	-
2422MHz	Pass	AV	2.4284G	105.81	Inf	-Inf	2.17	3	Vertical	200	1.08	-
2422MHz	Pass	PK	2.3868G	66.44	74.00	-7.56	2.08	3	Vertical	200	1.08	-
2422MHz	Pass	PK	2.4176G	115.78	Inf	-Inf	2.15	3	Vertical	200	1.08	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.389998G	44.35	54.00	-9.65	2.09	3	Vertical	211	1.33	-
2437MHz	Pass	AV	2.4342G	105.47	Inf	-Inf	2.18	3	Vertical	211	1.33	-
2437MHz	Pass	AV	2.483502G	44.70	54.00	-9.30	2.28	3	Vertical	211	1.33	-
2437MHz	Pass	PK	2.389G	59.43	74.00	-14.57	2.09	3	Vertical	211	1.33	-
2437MHz	Pass	PK	2.4342G	115.13	Inf	-Inf	2.18	3	Vertical	211	1.33	-
2437MHz	Pass	PK	2.4874G	56.24	74.00	-17.76	2.29	3	Vertical	211	1.33	-
2437MHz	Pass	AV	4.87318G	35.86	54.00	-18.14	6.82	3	Horizontal	360	1.50	-
2437MHz	Pass	PK	4.8716G	49.49	74.00	-24.51	6.82	3	Horizontal	360	1.50	-
2437MHz	Pass	AV	4.87614G	39.53	54.00	-14.47	6.82	3	Vertical	0	1.50	-
2437MHz	Pass	PK	4.87642G	53.72	74.00	-20.28	6.83	3	Vertical	0	1.50	-
2452MHz	Pass	AV	2.4482G	104.75	Inf	-Inf	2.21	3	Vertical	198	1.45	-
2452MHz	Pass	AV	2.4838G	47.36	54.00	-6.64	2.28	3	Vertical	198	1.45	-
2452MHz	Pass	PK	2.4478G	114.64	Inf	-Inf	2.21	3	Vertical	198	1.45	-
2452MHz	Pass	PK	2.4846G	62.21	74.00	-11.79	2.28	3	Vertical	198	1.45	-
2462MHz	Pass	AV	2.4686G	105.87	Inf	-Inf	2.25	3	Vertical	203	1.29	-
2462MHz	Pass	AV	2.483502G	53.35	54.00	-0.65	2.28	3	Vertical	203	1.29	-
2462MHz	Pass	PK	2.4684G	115.91	Inf	-Inf	2.25	3	Vertical	203	1.29	-
2462MHz	Pass	PK	2.4838G	71.14	74.00	-2.86	2.28	3	Vertical	203	1.29	-
2462MHz	Pass	AV	4.92636G	35.96	54.00	-18.04	6.92	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	4.92334G	49.59	74.00	-24.41	6.92	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	4.92282G	38.72	54.00	-15.28	6.92	3	Vertical	0	1.50	-
2462MHz	Pass	PK	4.92288G	51.56	74.00	-22.44	6.92	3	Vertical	0	1.50	-
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.14	54.00	-0.86	2.09	3	Vertical	184	1.21	-
2412MHz	Pass	AV	2.4108G	101.57	Inf	-Inf	2.14	3	Vertical	184	1.21	-
2412MHz	Pass	PK	2.39G	69.84	74.00	-4.16	2.09	3	Vertical	184	1.21	-
2412MHz	Pass	PK	2.4108G	111.19	Inf	-Inf	2.14	3	Vertical	184	1.21	-
2412MHz	Pass	AV	4.819G	35.11	54.00	-18.89	6.72	3	Horizontal	360	1.50	-
2412MHz	Pass	PK	4.8226G	48.50	74.00	-25.50	6.72	3	Horizontal	360	1.50	-
2412MHz	Pass	AV	4.82562G	36.58	54.00	-17.42	6.73	3	Vertical	0	1.50	-
2412MHz	Pass	PK	4.82048G	49.98	74.00	-24.02	6.72	3	Vertical	0	1.50	-
2422MHz	Pass	AV	2.3892G	50.84	54.00	-3.16	2.09	3	Vertical	208	1.19	-
2422MHz	Pass	AV	2.4242G	105.74	Inf	-Inf	2.17	3	Vertical	208	1.19	-
2422MHz	Pass	PK	2.3884G	66.94	74.00	-7.06	2.09	3	Vertical	208	1.19	-
2422MHz	Pass	PK	2.424G	115.41	Inf	-Inf	2.17	3	Vertical	208	1.19	-
2437MHz	Pass	AV	2.389G	45.16	54.00	-8.84	2.09	3	Vertical	209	1.32	-
2437MHz	Pass	AV	2.4346G	105.69	Inf	-Inf	2.19	3	Vertical	209	1.32	-
2437MHz	Pass	AV	2.4846G	44.80	54.00	-9.20	2.28	3	Vertical	209	1.32	-
2437MHz	Pass	PK	2.3894G	56.93	74.00	-17.07	2.09	3	Vertical	209	1.32	-
2437MHz	Pass	PK	2.4346G	115.19	Inf	-Inf	2.19	3	Vertical	209	1.32	-
2437MHz	Pass	PK	2.499998G	55.98	74.00	-18.02	2.31	3	Vertical	209	1.32	-
2437MHz	Pass	AV	4.87356G	35.78	54.00	-18.22	6.82	3	Horizontal	360	1.50	-
2437MHz	Pass	PK	4.87856G	49.61	74.00	-24.39	6.83	3	Horizontal	360	1.50	-
2437MHz	Pass	AV	4.87308G	39.33	54.00	-14.67	6.82	3	Vertical	0	1.50	-
2437MHz	Pass	PK	4.87792G	52.52	74.00	-21.48	6.83	3	Vertical	0	1.50	-
2452MHz	Pass	AV	2.451G	105.41	Inf	-Inf	2.22	3	Vertical	183	1.29	-
2452MHz	Pass	AV	2.4838G	48.40	54.00	-5.60	2.28	3	Vertical	183	1.29	-
2452MHz	Pass	PK	2.451G	115.37	Inf	-Inf	2.22	3	Vertical	183	1.29	-
2452MHz	Pass	PK	2.4864G	64.99	74.00	-9.01	2.28	3	Vertical	183	1.29	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.461G	105.03	Inf	-Inf	2.24	3	Vertical	187	1.32	-
2462MHz	Pass	AV	2.4854G	53.15	54.00	-0.85	2.28	3	Vertical	187	1.32	-
2462MHz	Pass	PK	2.4608G	114.66	Inf	-Inf	2.24	3	Vertical	187	1.32	-
2462MHz	Pass	PK	2.485G	71.12	74.00	-2.88	2.28	3	Vertical	187	1.32	-
2462MHz	Pass	AV	4.924652G	35.72	54.00	-18.28	6.92	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	4.924964G	49.58	74.00	-24.42	6.92	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	4.923216G	35.72	54.00	-18.28	6.92	3	Vertical	0	1.50	-
2462MHz	Pass	PK	4.924188G	48.83	74.00	-25.17	6.92	3	Vertical	0	1.50	-
802.11ac VHT40_Nss1_(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3884G	53.85	54.00	-0.15	2.09	3	Vertical	207	1.42	-
2422MHz	Pass	AV	2.4192G	100.17	Inf	-Inf	2.16	3	Vertical	207	1.42	-
2422MHz	Pass	AV	2.4844G	45.87	54.00	-8.13	2.28	3	Vertical	207	1.42	-
2422MHz	Pass	PK	2.3892G	66.87	74.00	-7.13	2.09	3	Vertical	207	1.42	-
2422MHz	Pass	PK	2.4196G	110.46	Inf	-Inf	2.16	3	Vertical	207	1.42	-
2422MHz	Pass	PK	2.49G	56.75	74.00	-17.25	2.29	3	Vertical	207	1.42	-
2422MHz	Pass	AV	4.845G	35.24	54.00	-18.76	6.77	3	Horizontal	360	1.50	-
2422MHz	Pass	PK	4.844636G	48.53	74.00	-25.47	6.76	3	Horizontal	360	1.50	-
2422MHz	Pass	AV	4.843148G	35.33	54.00	-18.67	6.76	3	Vertical	0	1.50	-
2422MHz	Pass	PK	4.84424G	48.68	74.00	-25.32	6.76	3	Vertical	0	1.50	-
2432MHz	Pass	AV	2.388732G	53.54	54.00	-0.46	2.09	3	Vertical	206	1.31	-
2432MHz	Pass	AV	2.429132G	102.71	Inf	-Inf	2.18	3	Vertical	206	1.31	-
2432MHz	Pass	AV	2.483532G	48.48	54.00	-5.52	2.28	3	Vertical	206	1.31	-
2432MHz	Pass	PK	2.388732G	67.27	74.00	-6.73	2.09	3	Vertical	206	1.31	-
2432MHz	Pass	PK	2.429532G	113.10	Inf	-Inf	2.18	3	Vertical	206	1.31	-
2432MHz	Pass	PK	2.483532G	63.95	74.00	-10.05	2.28	3	Vertical	206	1.31	-
2437MHz	Pass	AV	2.389G	51.32	54.00	-2.68	2.09	3	Vertical	207	1.33	-
2437MHz	Pass	AV	2.4342G	102.61	Inf	-Inf	2.18	3	Vertical	207	1.33	-
2437MHz	Pass	AV	2.4842G	53.70	54.00	-0.30	2.28	3	Vertical	207	1.33	-
2437MHz	Pass	PK	2.3894G	66.98	74.00	-7.02	2.09	3	Vertical	207	1.33	-
2437MHz	Pass	PK	2.4342G	112.99	Inf	-Inf	2.18	3	Vertical	207	1.33	-
2437MHz	Pass	PK	2.4838G	68.33	74.00	-5.67	2.28	3	Vertical	207	1.33	-
2437MHz	Pass	AV	4.873484G	35.37	54.00	-18.63	6.82	3	Horizontal	25	1.50	-
2437MHz	Pass	PK	4.873464G	49.55	74.00	-24.45	6.82	3	Horizontal	25	1.50	-
2437MHz	Pass	AV	4.874108G	35.53	54.00	-18.47	6.82	3	Vertical	25	1.50	-
2437MHz	Pass	PK	4.873604G	49.19	74.00	-24.81	6.82	3	Vertical	25	1.50	-
2442MHz	Pass	AV	2.3896G	45.44	54.00	-8.56	2.09	3	Vertical	206	1.06	-
2442MHz	Pass	AV	2.4392G	100.67	Inf	-Inf	2.19	3	Vertical	206	1.06	-
2442MHz	Pass	AV	2.484G	53.59	54.00	-0.41	2.28	3	Vertical	206	1.06	-
2442MHz	Pass	PK	2.3892G	60.35	74.00	-13.65	2.09	3	Vertical	206	1.06	-
2442MHz	Pass	PK	2.4388G	110.95	Inf	-Inf	2.19	3	Vertical	206	1.06	-
2442MHz	Pass	PK	2.4836G	69.26	74.00	-4.74	2.28	3	Vertical	206	1.06	-
2452MHz	Pass	AV	2.3856G	43.83	54.00	-10.17	2.08	3	Vertical	183	1.08	-
2452MHz	Pass	AV	2.456G	98.47	Inf	-Inf	2.23	3	Vertical	183	1.08	-
2452MHz	Pass	AV	2.4856G	53.55	54.00	-0.45	2.28	3	Vertical	183	1.08	-
2452MHz	Pass	PK	2.3848G	56.28	74.00	-17.72	2.08	3	Vertical	183	1.08	-
2452MHz	Pass	PK	2.456G	108.67	Inf	-Inf	2.23	3	Vertical	183	1.08	-
2452MHz	Pass	PK	2.4872G	65.99	74.00	-8.01	2.29	3	Vertical	183	1.08	-
2452MHz	Pass	AV	4.904052G	35.41	54.00	-18.59	6.88	3	Horizontal	360	1.50	-
2452MHz	Pass	PK	4.904304G	49.11	74.00	-24.89	6.88	3	Horizontal	360	1.50	-



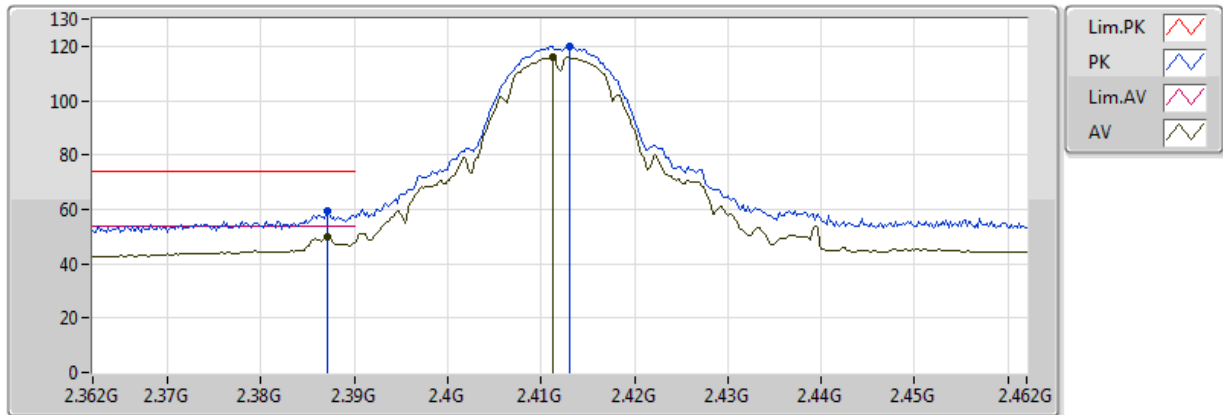
RSE TX above 1GHz Result

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	4.90404G	35.47	54.00	-18.53	6.88	3	Vertical	0	1.50	-
2452MHz	Pass	PK	4.903936G	49.43	74.00	-24.57	6.88	3	Vertical	0	1.50	-

802.11b_(1Mbps)_3TX

2412MHz_TX

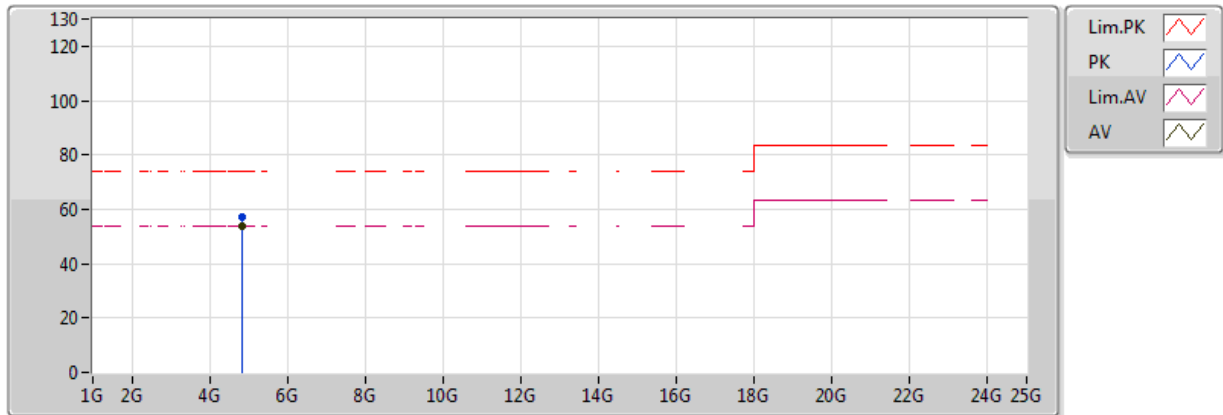


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3872G	49.72	54.00	-4.28	2.09	3	Vertical	337	1.94	-	47.64	32.16	5.18	35.26
AV	2.4112G	115.83	Inf	-Inf	2.14	3	Vertical	337	1.94	-	113.68	32.19	5.21	35.26
PK	2.3872G	59.15	74.00	-14.85	2.09	3	Vertical	337	1.94	-	57.06	32.16	5.18	35.26
PK	2.413G	119.96	Inf	-Inf	2.14	3	Vertical	337	1.94	-	117.82	32.20	5.21	35.26

802.11b_(1Mbps)_3TX

2412MHz_TX

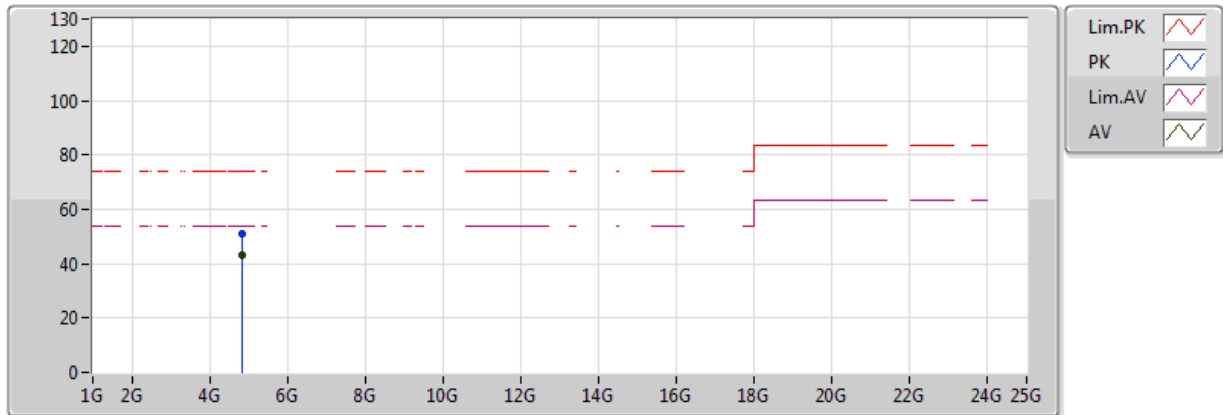


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	53.80	54.00	-0.20	6.73	3	Vertical	22	1.46	-	47.07	34.23	7.37	34.87
PK	4.823896G	57.10	74.00	-16.90	6.73	3	Vertical	22	1.46	-	50.37	34.23	7.37	34.87

802.11b_(1Mbps)_3TX

2412MHz_TX

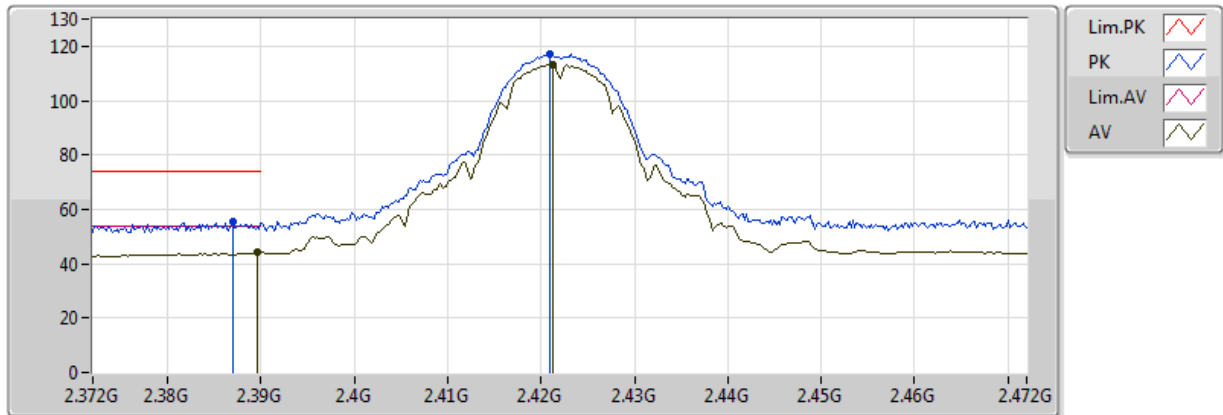


EUT=Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.823988G	42.89	54.00	-11.11	6.73	3	Horizontal	176	1.29	-	36.17	34.23	7.37	34.87
PK	4.824104G	50.78	74.00	-23.22	6.73	3	Horizontal	176	1.29	-	44.05	34.23	7.37	34.87

802.11b_(1Mbps)_3TX

2422MHz_TX

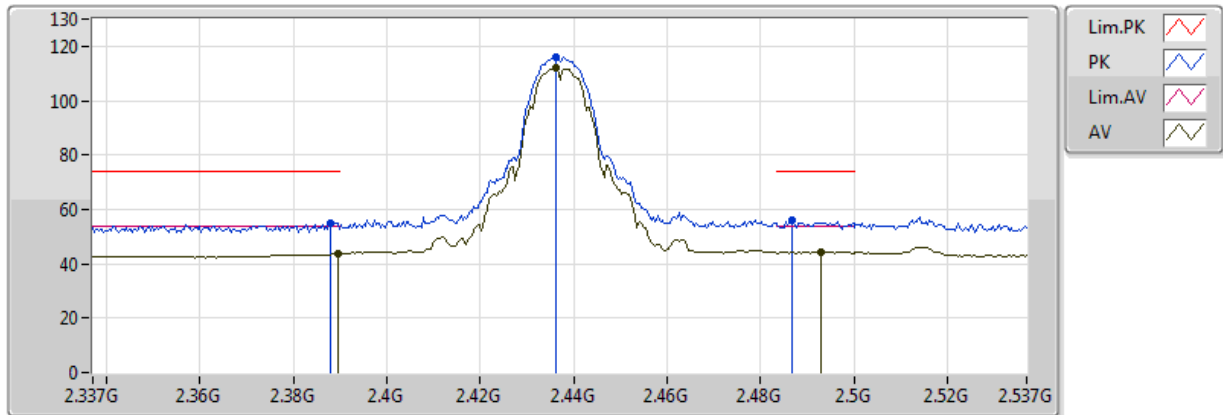


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	44.43	54.00	-9.57	2.09	3	Vertical	337	2.06	-	42.34	32.17	5.18	35.26
AV	2.4212G	113.22	Inf	-Inf	2.16	3	Vertical	337	2.06	-	111.06	32.21	5.22	35.26
PK	2.387G	55.60	74.00	-18.40	2.08	3	Vertical	337	2.06	-	53.51	32.16	5.18	35.26
PK	2.421G	117.14	Inf	-Inf	2.16	3	Vertical	337	2.06	-	114.98	32.21	5.22	35.26

802.11b_(1Mbps)_3TX

2437MHz_TX

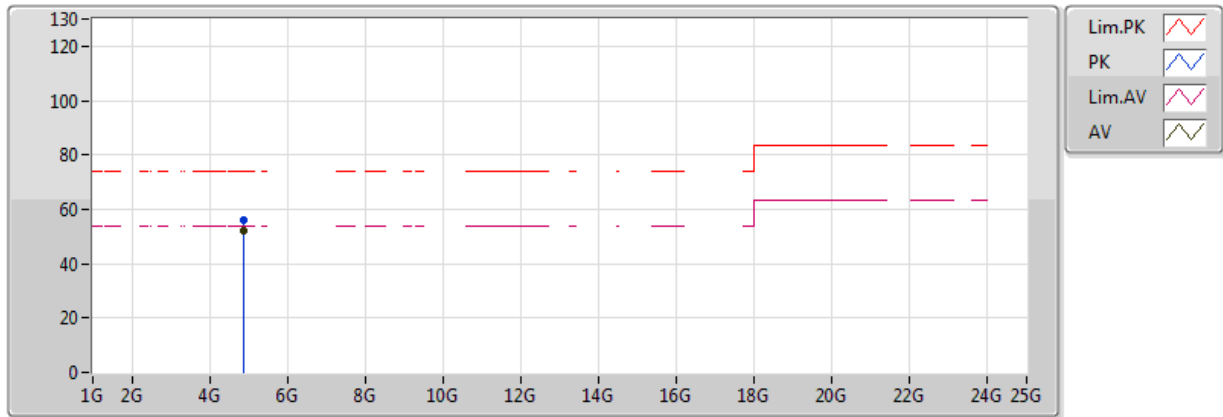


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	43.68	54.00	-10.32	2.09	3	Vertical	229	1.50	-	41.59	32.17	5.18	35.26
AV	2.4362G	112.07	Inf	-Inf	2.19	3	Vertical	229	1.50	-	109.88	32.22	5.23	35.27
AV	2.493G	44.30	54.00	-9.70	2.30	3	Vertical	229	1.50	-	42.00	32.29	5.28	35.28
PK	2.3878G	54.99	74.00	-19.01	2.09	3	Vertical	229	1.50	-	52.90	32.16	5.18	35.26
PK	2.4362G	115.96	Inf	-Inf	2.19	3	Vertical	229	1.50	-	113.77	32.22	5.23	35.27
PK	2.4866G	56.28	74.00	-17.72	2.28	3	Vertical	229	1.50	-	53.99	32.28	5.28	35.28

802.11b_(1Mbps)_3TX

2437MHz_TX

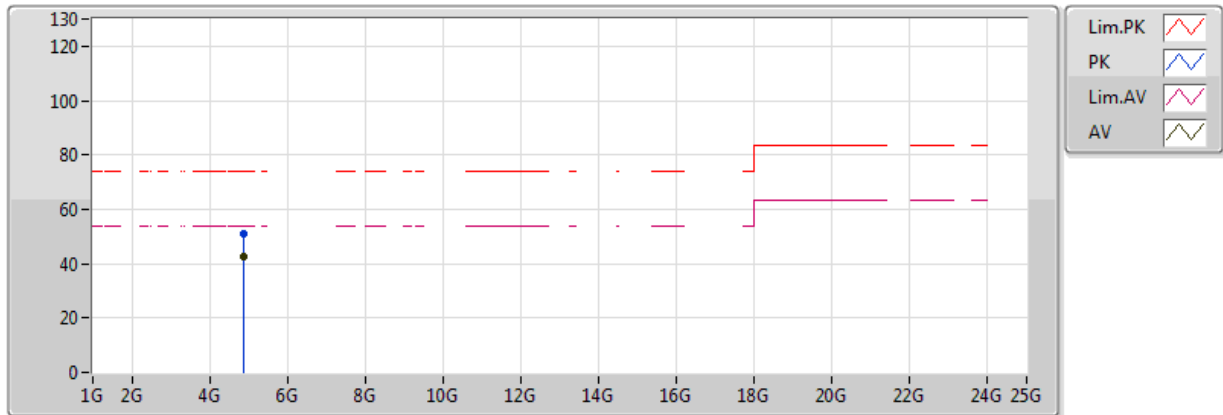


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.873976G	52.34	54.00	-1.66	6.82	3	Vertical	357	1.50	-	45.52	34.25	7.43	34.86
PK	4.874032G	56.23	74.00	-17.77	6.82	3	Vertical	357	1.50	-	49.41	34.25	7.43	34.86

802.11b_(1Mbps)_3TX

2437MHz_TX

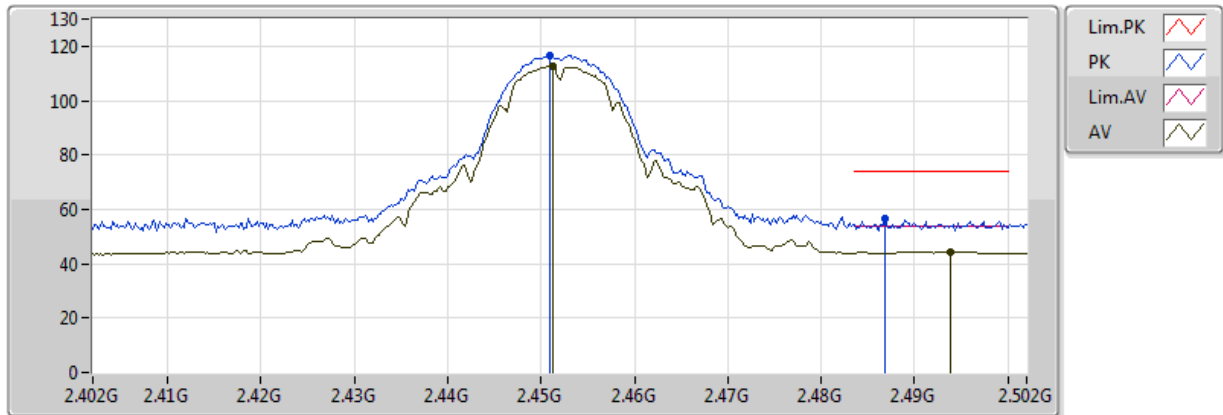


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	42.67	54.00	-11.33	6.82	3	Horizontal	261	1.76	-	35.85	34.25	7.43	34.86
PK	4.874024G	51.14	74.00	-22.86	6.82	3	Horizontal	261	1.76	-	44.32	34.25	7.43	34.86

802.11b_(1Mbps)_3TX

2452MHz_TX

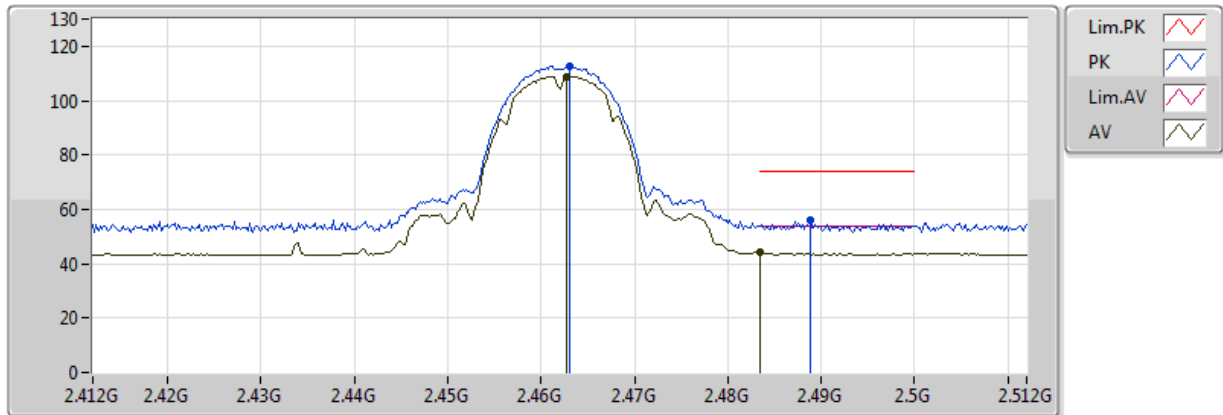


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4512G	112.64	Inf	-Inf	2.22	3	Vertical	235	1.41	-	110.42	32.24	5.25	35.27
AV	2.4938G	44.41	54.00	-9.59	2.30	3	Vertical	235	1.41	-	42.11	32.29	5.28	35.28
PK	2.451G	116.68	Inf	-Inf	2.22	3	Vertical	235	1.41	-	114.46	32.24	5.25	35.27
PK	2.4868G	56.37	74.00	-17.63	2.28	3	Vertical	235	1.41	-	54.08	32.28	5.28	35.28

802.11b_(1Mbps)_3TX

2462MHz_TX

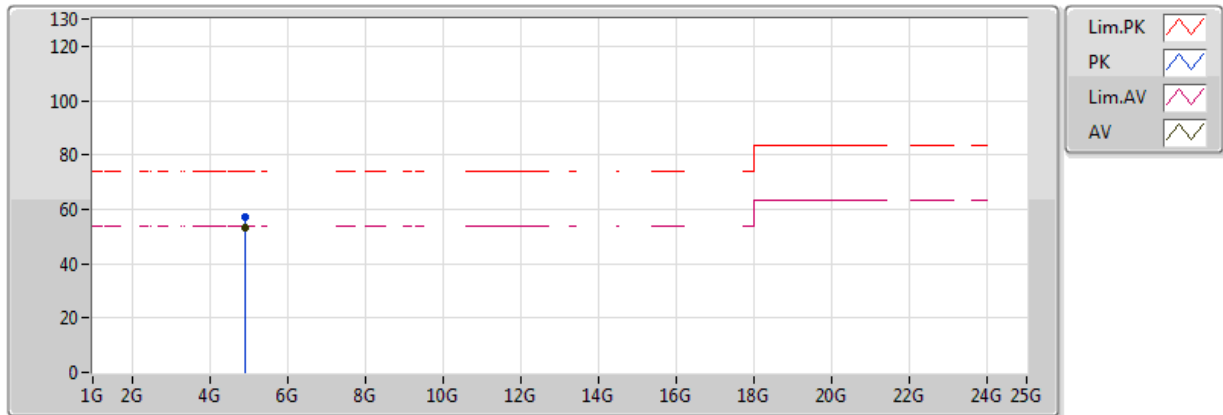


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	108.97	Inf	-Inf	2.24	3	Vertical	236	1.36	-	106.73	32.26	5.26	35.27
AV	2.483502G	44.38	54.00	-9.62	2.28	3	Vertical	236	1.36	-	42.11	32.28	5.28	35.28
PK	2.463G	112.88	Inf	-Inf	2.24	3	Vertical	236	1.36	-	110.64	32.26	5.26	35.27
PK	2.4888G	55.99	74.00	-18.01	2.29	3	Vertical	236	1.36	-	53.70	32.29	5.28	35.28

802.11b_(1Mbps)_3TX

2462MHz_TX

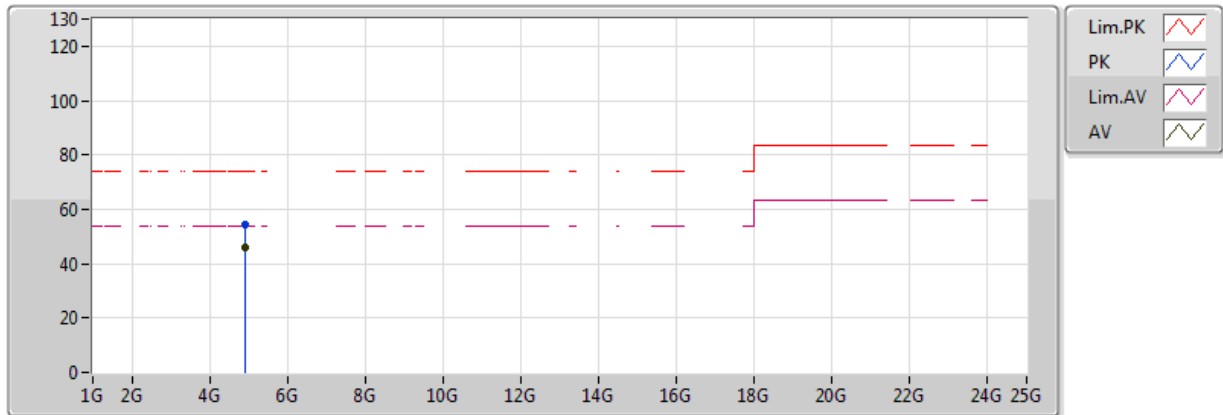


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.923988G	53.27	54.00	-0.73	6.92	3	Vertical	21	1.59	-	46.35	34.27	7.49	34.84
PK	4.923976G	57.09	74.00	-16.91	6.92	3	Vertical	21	1.59	-	50.17	34.27	7.49	34.84

802.11b_(1Mbps)_3TX

2462MHz_TX

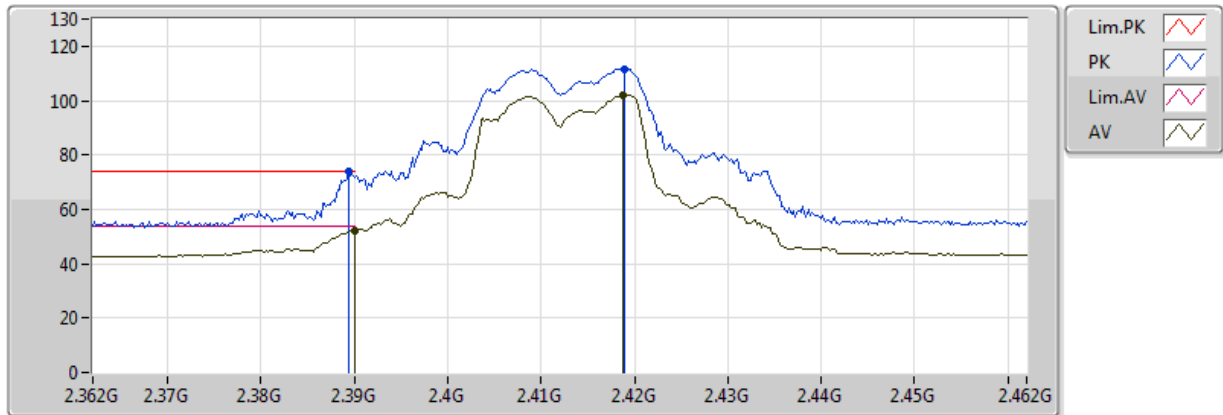


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.923972G	46.06	54.00	-7.94	6.92	3	Horizontal	179	1.25	-	39.14	34.27	7.49	34.84
PK	4.923908G	54.33	74.00	-19.67	6.92	3	Horizontal	179	1.25	-	47.41	34.27	7.49	34.84

802.11g_(6Mbps)_3TX

2412MHz_TX

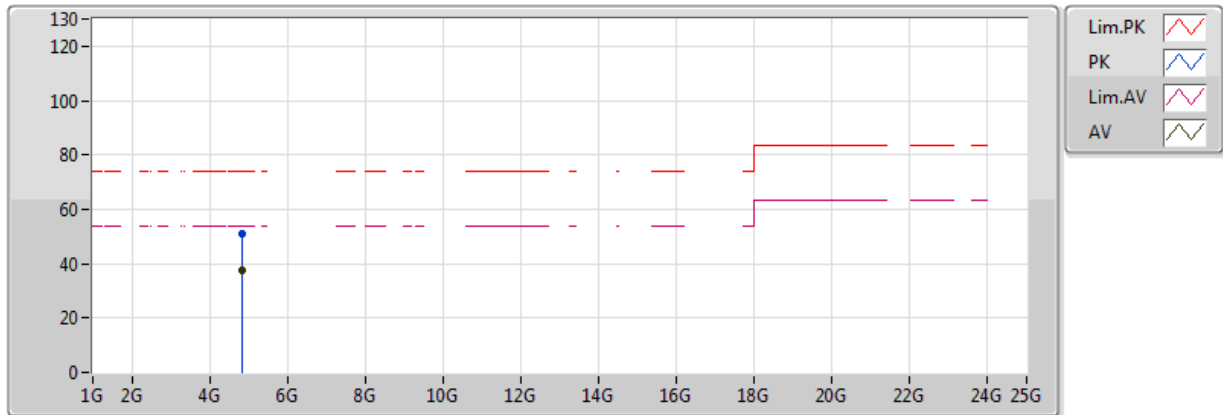


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.05	54.00	-1.95	2.09	3	Vertical	141	2.07	-	49.95	32.17	5.18	35.26
AV	2.4188G	102.13	Inf	-Inf	2.16	3	Vertical	141	2.07	-	99.98	32.20	5.22	35.26
PK	2.3894G	73.71	74.00	-0.29	2.09	3	Vertical	141	2.07	-	71.62	32.17	5.18	35.26
PK	2.419G	111.67	Inf	-Inf	2.16	3	Vertical	141	2.07	-	109.52	32.20	5.22	35.26

802.11g_(6Mbps)_3TX

2412MHz_TX

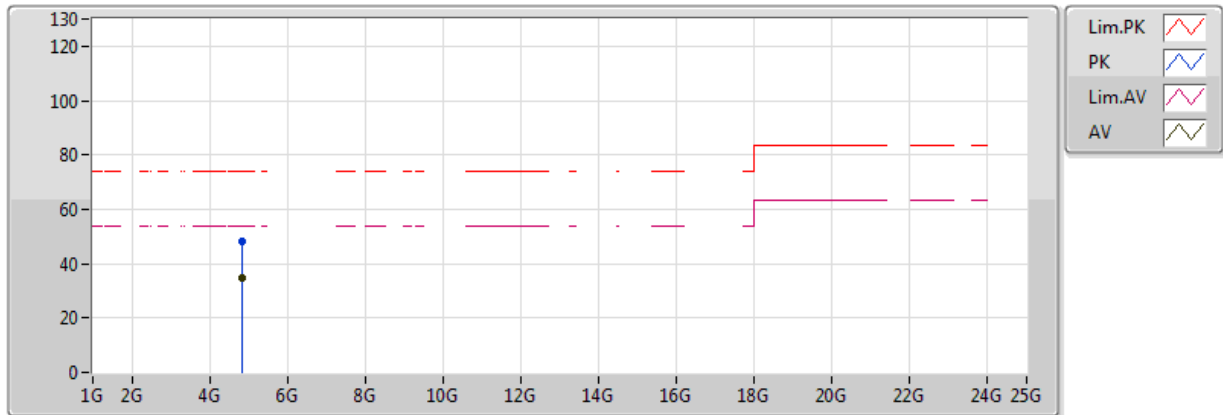


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82418G	37.39	54.00	-16.61	6.73	3	Vertical	0	1.50	-	30.67	34.23	7.37	34.87
PK	4.82332G	50.92	74.00	-23.08	6.72	3	Vertical	0	1.50	-	44.19	34.23	7.37	34.87

802.11g_(6Mbps)_3TX

2412MHz_TX

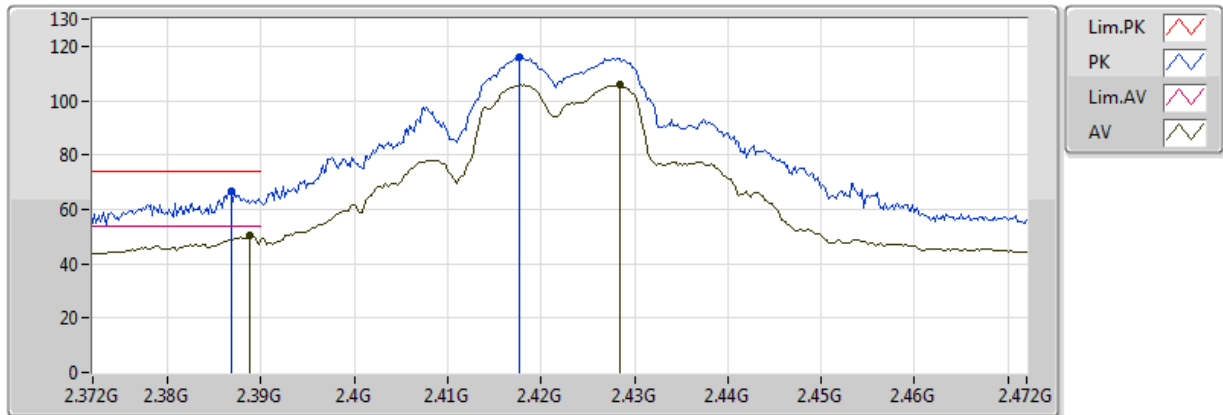


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82848G	35.01	54.00	-18.99	6.73	3	Horizontal	360	1.50	-	28.28	34.23	7.37	34.87
PK	4.82216G	48.28	74.00	-25.72	6.72	3	Horizontal	360	1.50	-	41.56	34.23	7.37	34.87

802.11g_(6Mbps)_3TX

2422MHz_TX

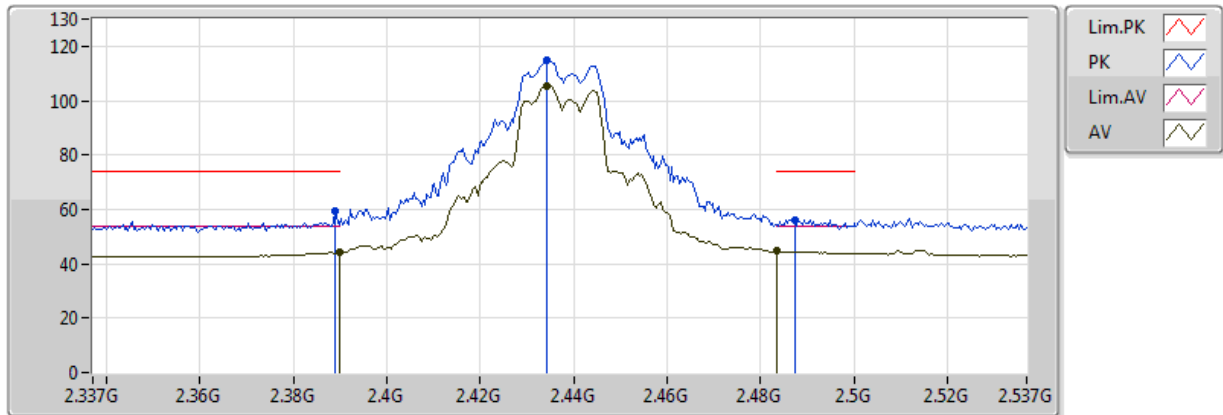


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3888G	50.36	54.00	-3.64	2.09	3	Vertical	200	1.08	-	48.27	32.17	5.18	35.26
AV	2.4284G	105.81	Inf	-Inf	2.17	3	Vertical	200	1.08	-	103.63	32.21	5.23	35.27
PK	2.3868G	66.44	74.00	-7.56	2.08	3	Vertical	200	1.08	-	64.35	32.16	5.18	35.26
PK	2.4176G	115.78	Inf	-Inf	2.15	3	Vertical	200	1.08	-	113.63	32.20	5.22	35.26

802.11g_(6Mbps)_3TX

2437MHz_TX

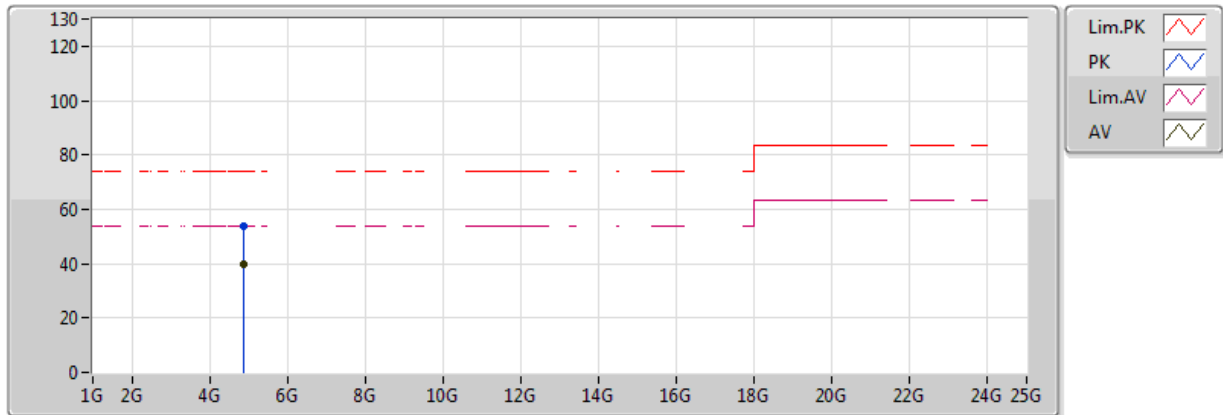


EUT=Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389998G	44.35	54.00	-9.65	2.09	3	Vertical	211	1.33	-	42.26	32.17	5.18	35.26
AV	2.4342G	105.47	Inf	-Inf	2.18	3	Vertical	211	1.33	-	103.28	32.22	5.23	35.27
AV	2.483502G	44.70	54.00	-9.30	2.28	3	Vertical	211	1.33	-	42.42	32.28	5.28	35.28
PK	2.389G	59.43	74.00	-14.57	2.09	3	Vertical	211	1.33	-	57.34	32.17	5.18	35.26
PK	2.4342G	115.13	Inf	-Inf	2.18	3	Vertical	211	1.33	-	112.95	32.22	5.23	35.27
PK	2.4874G	56.24	74.00	-17.76	2.29	3	Vertical	211	1.33	-	53.95	32.28	5.28	35.28

802.11g_(6Mbps)_3TX

2437MHz_TX

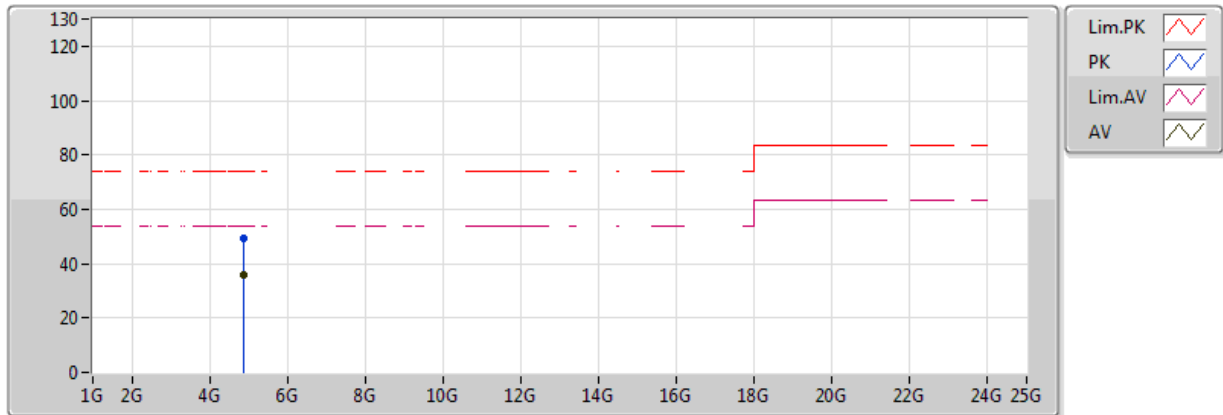


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87614G	39.53	54.00	-14.47	6.82	3	Vertical	0	1.50	-	32.71	34.25	7.43	34.86
PK	4.87642G	53.72	74.00	-20.28	6.83	3	Vertical	0	1.50	-	46.90	34.25	7.43	34.86

802.11g_(6Mbps)_3TX

2437MHz_TX

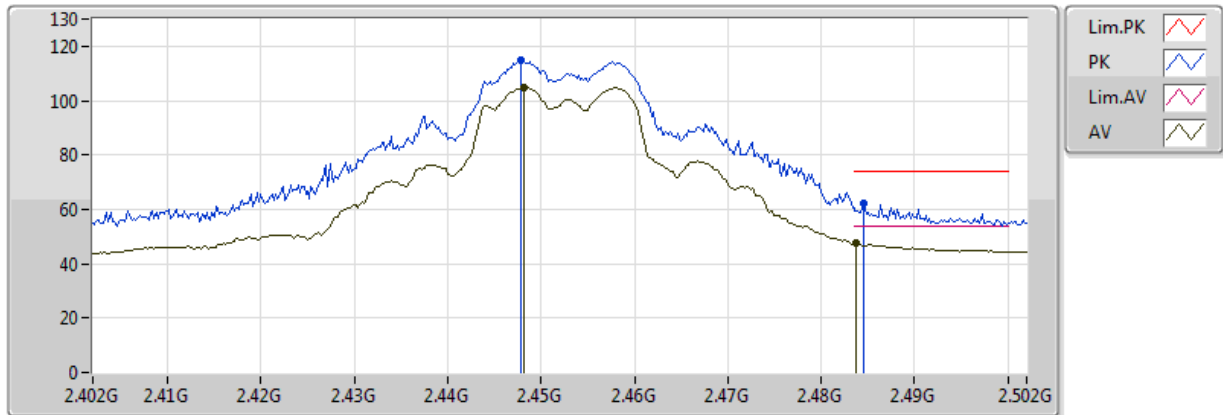


EUT=Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87318G	35.86	54.00	-18.14	6.82	3	Horizontal	360	1.50	-	29.04	34.25	7.43	34.86
PK	4.8716G	49.49	74.00	-24.51	6.82	3	Horizontal	360	1.50	-	42.68	34.25	7.43	34.86

802.11g_(6Mbps)_3TX

2452MHz_TX

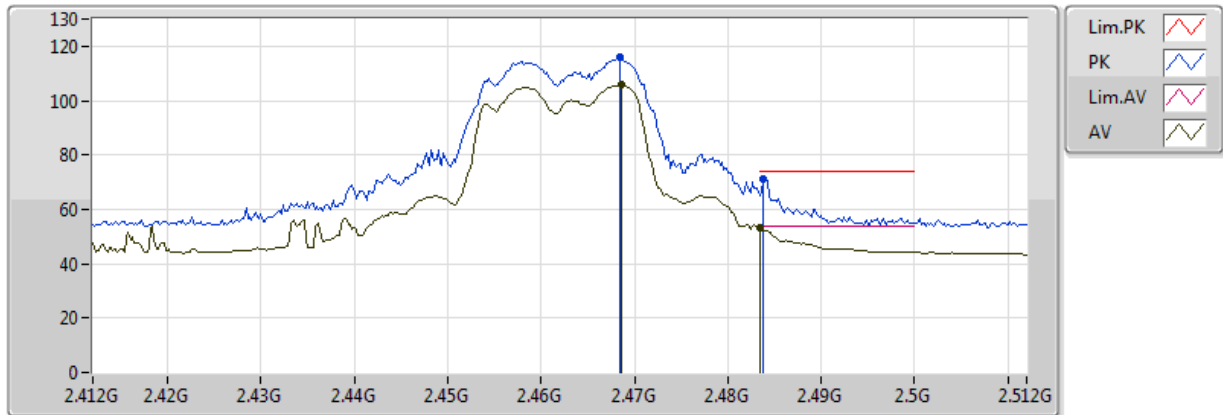


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4482G	104.75	Inf	-Inf	2.21	3	Vertical	198	1.45	-	102.54	32.24	5.24	35.27
AV	2.4838G	47.36	54.00	-6.64	2.28	3	Vertical	198	1.45	-	45.09	32.28	5.28	35.28
PK	2.4478G	114.64	Inf	-Inf	2.21	3	Vertical	198	1.45	-	112.42	32.24	5.24	35.27
PK	2.4846G	62.21	74.00	-11.79	2.28	3	Vertical	198	1.45	-	59.93	32.28	5.28	35.28

802.11g_(6Mbps)_3TX

2462MHz_TX

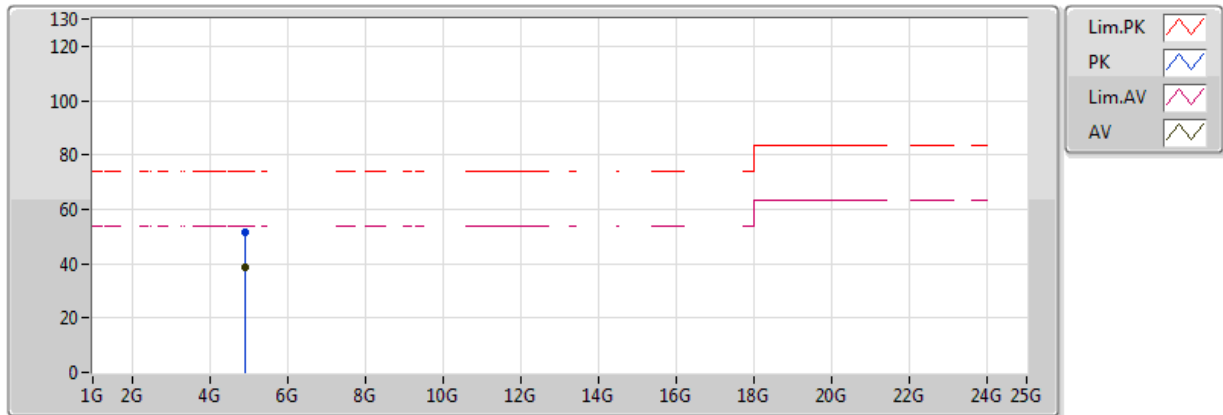


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4686G	105.87	Inf	-Inf	2.25	3	Vertical	203	1.29	-	103.62	32.26	5.26	35.27
AV	2.483502G	53.35	54.00	-0.65	2.28	3	Vertical	203	1.29	-	51.07	32.28	5.28	35.28
PK	2.4684G	115.91	Inf	-Inf	2.25	3	Vertical	203	1.29	-	113.66	32.26	5.26	35.27
PK	2.4838G	71.14	74.00	-2.86	2.28	3	Vertical	203	1.29	-	68.86	32.28	5.28	35.28

802.11g_(6Mbps)_3TX

2462MHz_TX

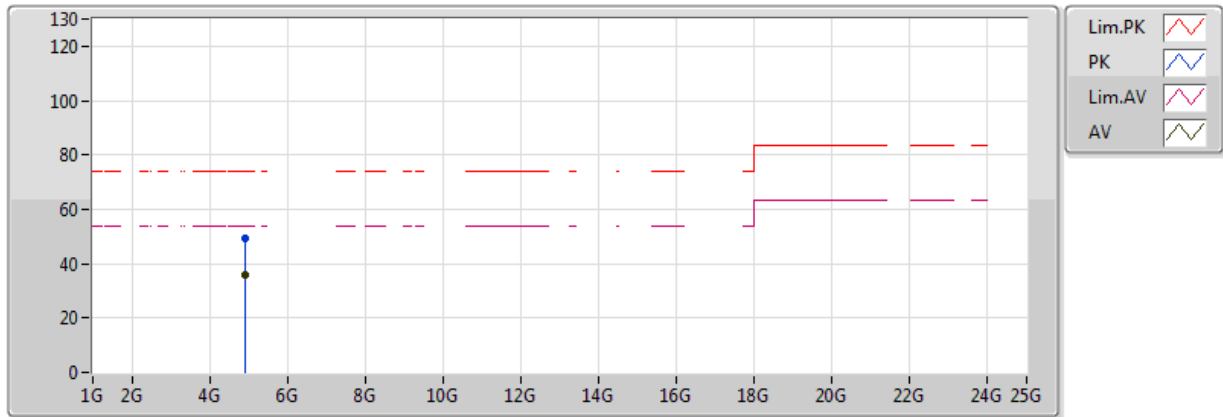


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92282G	38.72	54.00	-15.28	6.92	3	Vertical	0	1.50	-	31.80	34.27	7.49	34.84
PK	4.92288G	51.56	74.00	-22.44	6.92	3	Vertical	0	1.50	-	44.64	34.27	7.49	34.84

802.11g_(6Mbps)_3TX

2462MHz_TX

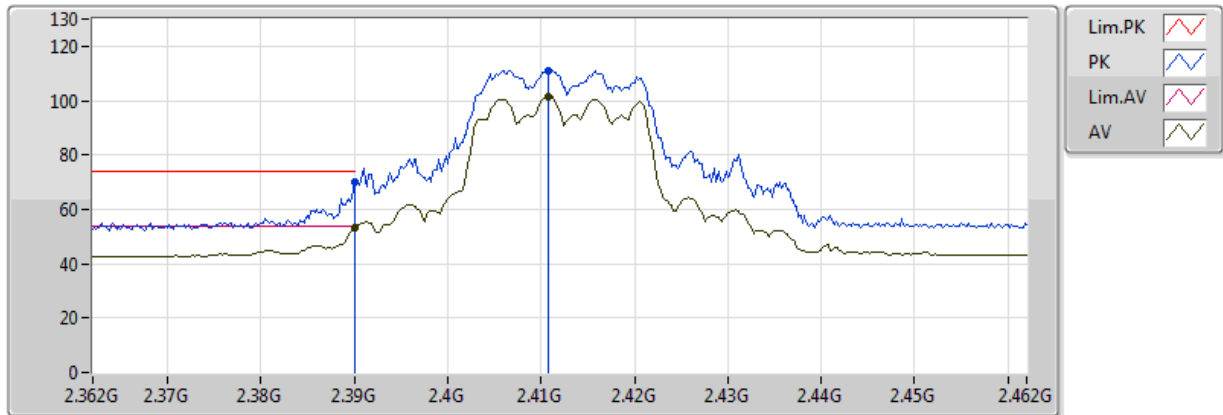


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92636G	35.96	54.00	-18.04	6.92	3	Horizontal	360	1.50	-	29.04	34.27	7.49	34.84
PK	4.92334G	49.59	74.00	-24.41	6.92	3	Horizontal	360	1.50	-	42.67	34.27	7.49	34.84

802.11ac VHT20_Nss1,(MCS0)_3TX

2412MHz_TX

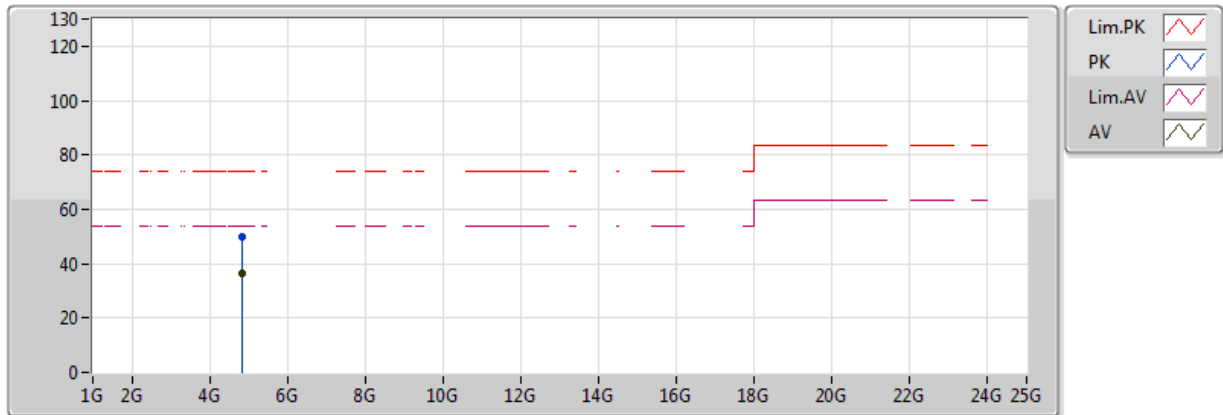


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.14	54.00	-0.86	2.09	3	Vertical	184	1.21	-	51.05	32.17	5.18	35.26
AV	2.4108G	101.57	Inf	-Inf	2.14	3	Vertical	184	1.21	-	99.43	32.19	5.21	35.26
PK	2.39G	69.84	74.00	-4.16	2.09	3	Vertical	184	1.21	-	67.75	32.17	5.18	35.26
PK	2.4108G	111.19	Inf	-Inf	2.14	3	Vertical	184	1.21	-	109.05	32.19	5.21	35.26

802.11ac VHT20_Nss1,(MCS0)_3TX

2412MHz_TX

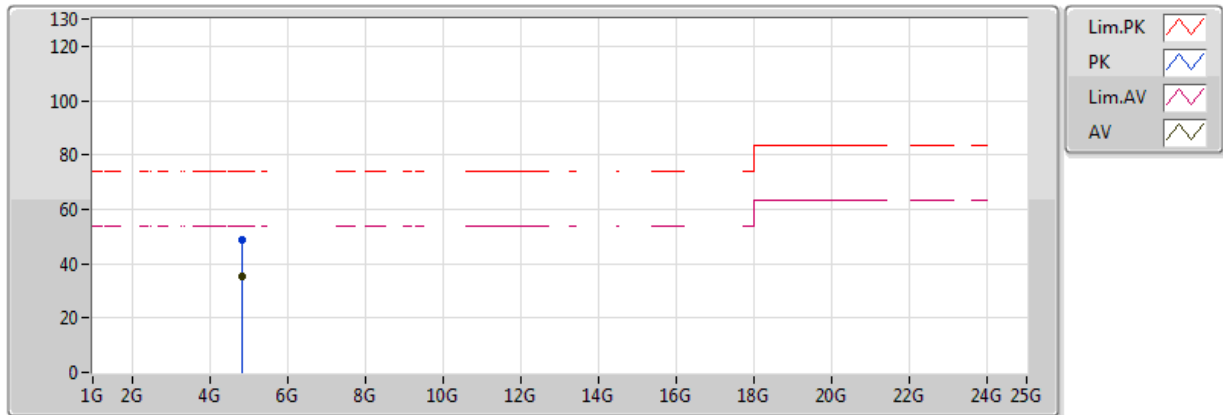


EUT=Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82562G	36.58	54.00	-17.42	6.73	3	Vertical	0	1.50	-	29.85	34.23	7.37	34.87
PK	4.82048G	49.98	74.00	-24.02	6.72	3	Vertical	0	1.50	-	43.26	34.23	7.36	34.87

802.11ac VHT20_Nss1,(MCS0)_3TX

2412MHz_TX

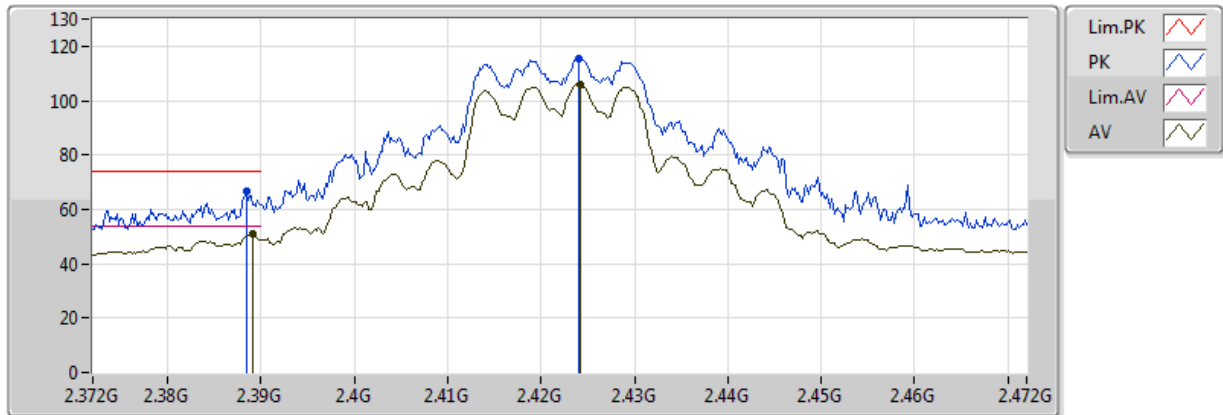


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.819G	35.11	54.00	-18.89	6.72	3	Horizontal	360	1.50	-	28.40	34.23	7.36	34.87
PK	4.8226G	48.50	74.00	-25.50	6.72	3	Horizontal	360	1.50	-	41.78	34.23	7.37	34.87

802.11ac VHT20_Nss1,(MCS0)_3TX

2422MHz_TX

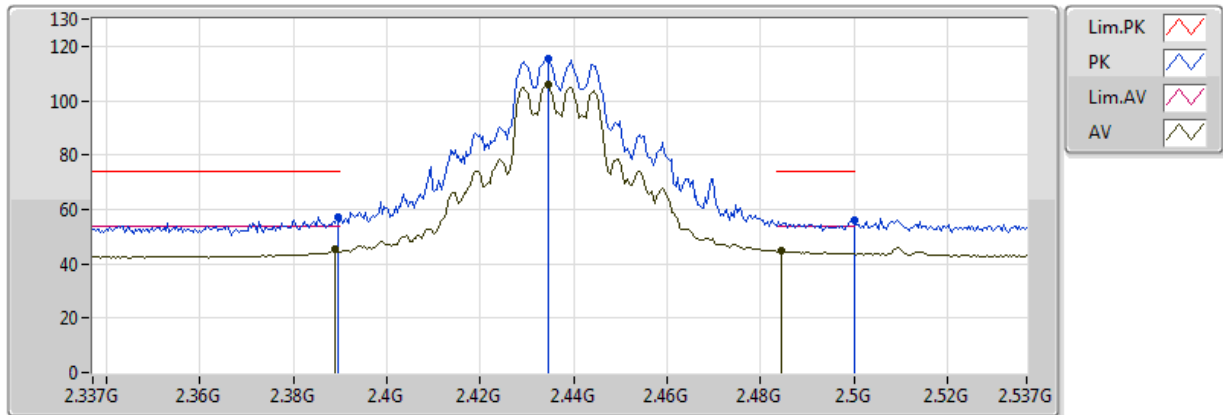


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	50.84	54.00	-3.16	2.09	3	Vertical	208	1.19	-	48.75	32.17	5.18	35.26
AV	2.4242G	105.74	Inf	-Inf	2.17	3	Vertical	208	1.19	-	103.58	32.21	5.22	35.26
PK	2.3884G	66.94	74.00	-7.06	2.09	3	Vertical	208	1.19	-	64.86	32.16	5.18	35.26
PK	2.424G	115.41	Inf	-Inf	2.17	3	Vertical	208	1.19	-	113.25	32.21	5.22	35.26

802.11ac VHT20_Nss1,(MCS0)_3TX

2437MHz_TX

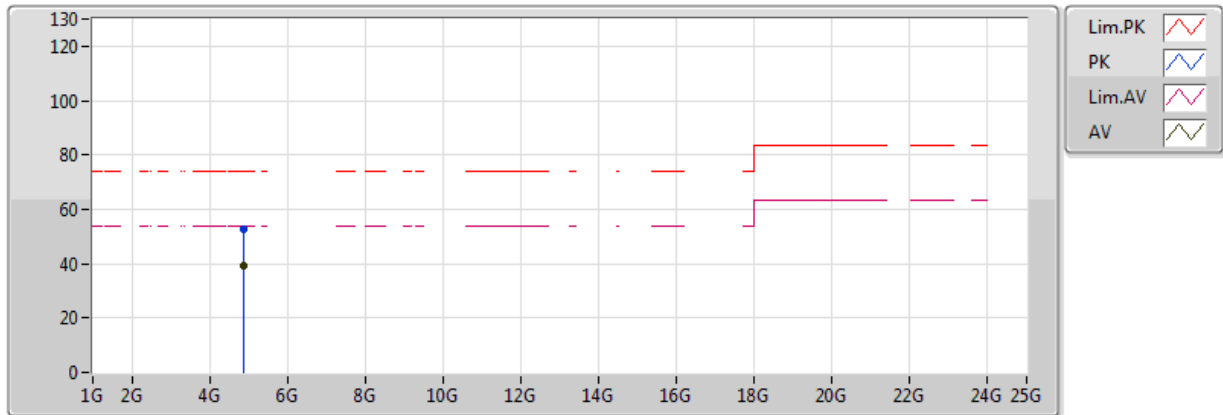


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	45.16	54.00	-8.84	2.09	3	Vertical	209	1.32	-	43.07	32.17	5.18	35.26
AV	2.4346G	105.69	Inf	-Inf	2.19	3	Vertical	209	1.32	-	103.50	32.22	5.23	35.27
AV	2.4846G	44.80	54.00	-9.20	2.28	3	Vertical	209	1.32	-	42.52	32.28	5.28	35.28
PK	2.3894G	56.93	74.00	-17.07	2.09	3	Vertical	209	1.32	-	54.84	32.17	5.18	35.26
PK	2.4346G	115.19	Inf	-Inf	2.19	3	Vertical	209	1.32	-	113.01	32.22	5.23	35.27
PK	2.499998G	55.98	74.00	-18.02	2.31	3	Vertical	209	1.32	-	53.67	32.30	5.29	35.28

802.11ac VHT20_Nss1,(MCS0)_3TX

2437MHz_TX

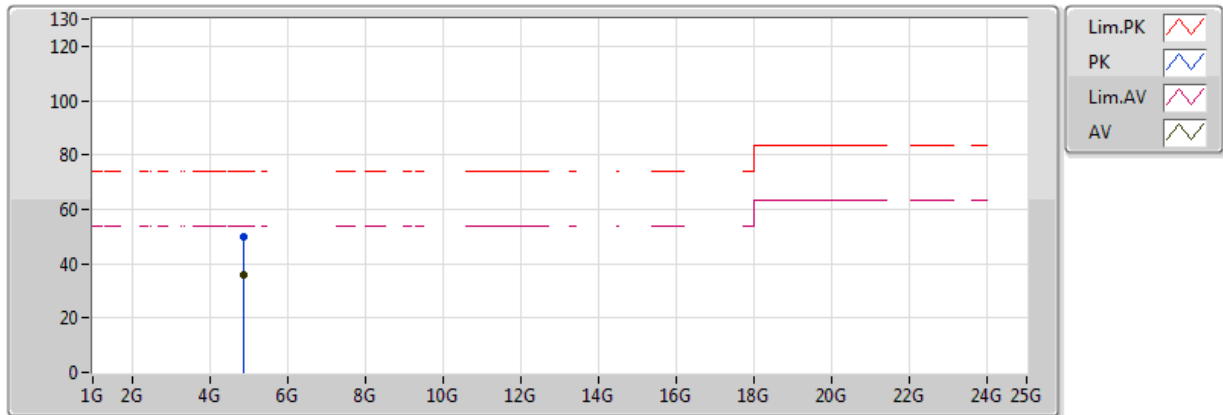


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87308G	39.33	54.00	-14.67	6.82	3	Vertical	0	1.50	-	32.51	34.25	7.43	34.86
PK	4.87792G	52.52	74.00	-21.48	6.83	3	Vertical	0	1.50	-	45.69	34.25	7.43	34.86

802.11ac VHT20_Nss1,(MCS0)_3TX

2437MHz_TX

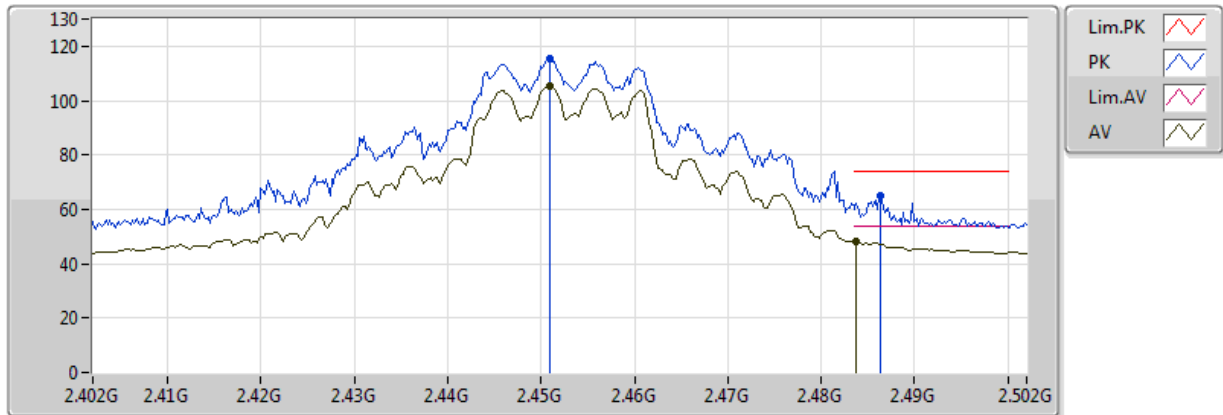


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87356G	35.78	54.00	-18.22	6.82	3	Horizontal	360	1.50	-	28.96	34.25	7.43	34.86
PK	4.87856G	49.61	74.00	-24.39	6.83	3	Horizontal	360	1.50	-	42.78	34.25	7.43	34.86

802.11ac VHT20_Nss1,(MCS0)_3TX

2452MHz_TX

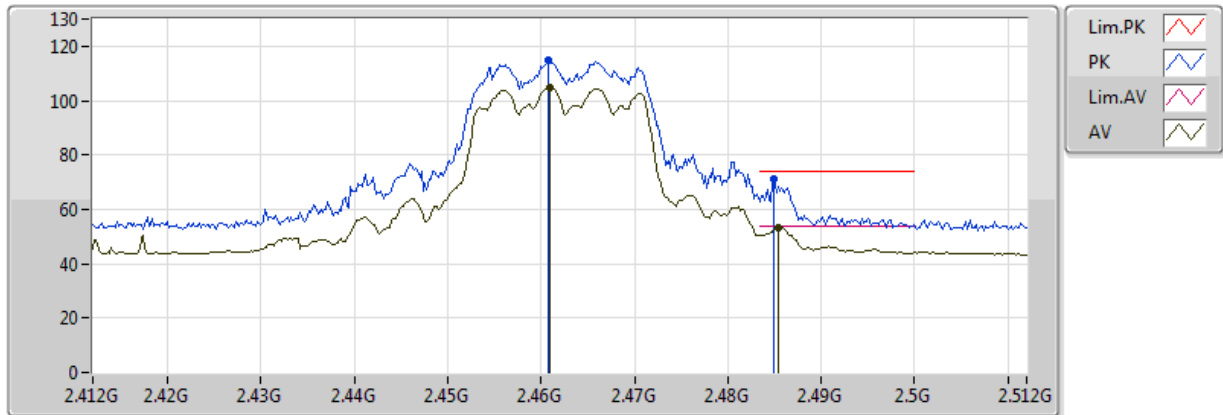


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.451G	105.41	Inf	-Inf	2.22	3	Vertical	183	1.29	-	103.19	32.24	5.25	35.27
AV	2.4838G	48.40	54.00	-5.60	2.28	3	Vertical	183	1.29	-	46.12	32.28	5.28	35.28
PK	2.451G	115.37	Inf	-Inf	2.22	3	Vertical	183	1.29	-	113.15	32.24	5.25	35.27
PK	2.4864G	64.99	74.00	-9.01	2.28	3	Vertical	183	1.29	-	62.71	32.28	5.28	35.28

802.11ac VHT20_Nss1,(MCS0)_3TX

2462MHz_TX

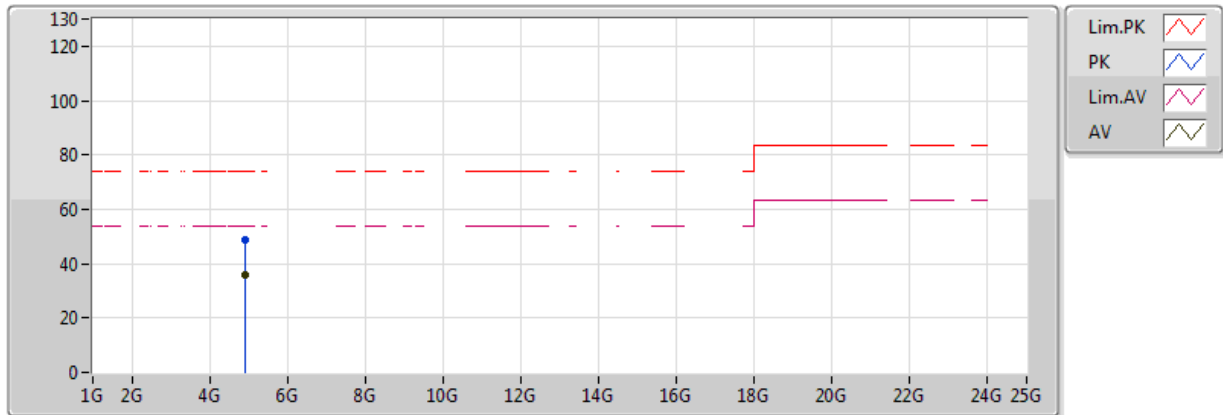


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.461G	105.03	Inf	-Inf	2.24	3	Vertical	187	1.32	-	102.79	32.25	5.25	35.27
AV	2.4854G	53.15	54.00	-0.85	2.28	3	Vertical	187	1.32	-	50.87	32.28	5.28	35.28
PK	2.4608G	114.66	Inf	-Inf	2.24	3	Vertical	187	1.32	-	112.42	32.25	5.25	35.27
PK	2.485G	71.12	74.00	-2.88	2.28	3	Vertical	187	1.32	-	68.84	32.28	5.28	35.28

802.11ac VHT20_Nss1,(MCS0)_3TX

2462MHz_TX

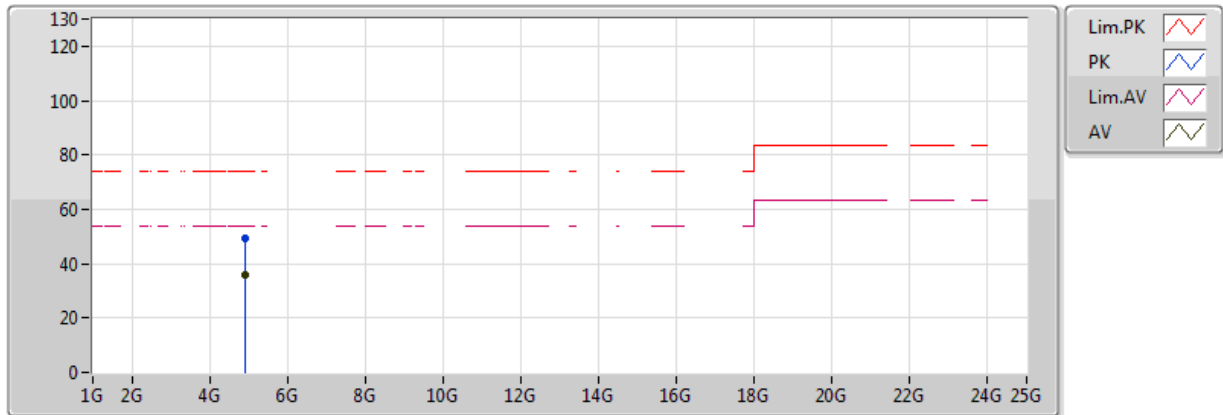


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.923216G	35.72	54.00	-18.28	6.92	3	Vertical	0	1.50	-	28.80	34.27	7.49	34.84
PK	4.924188G	48.83	74.00	-25.17	6.92	3	Vertical	0	1.50	-	41.91	34.27	7.49	34.84

802.11ac VHT20_Nss1,(MCS0)_3TX

2462MHz_TX

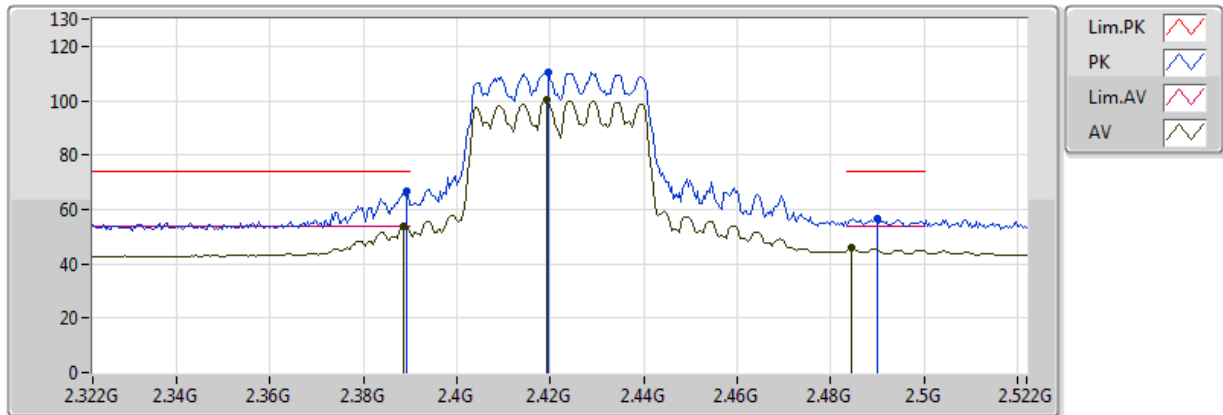


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924652G	35.72	54.00	-18.28	6.92	3	Horizontal	360	1.50	-	28.80	34.27	7.49	34.84
PK	4.924964G	49.58	74.00	-24.42	6.92	3	Horizontal	360	1.50	-	42.66	34.27	7.49	34.84

802.11ac VHT40_Nss1,(MCS0)_3TX

2422MHz_TX

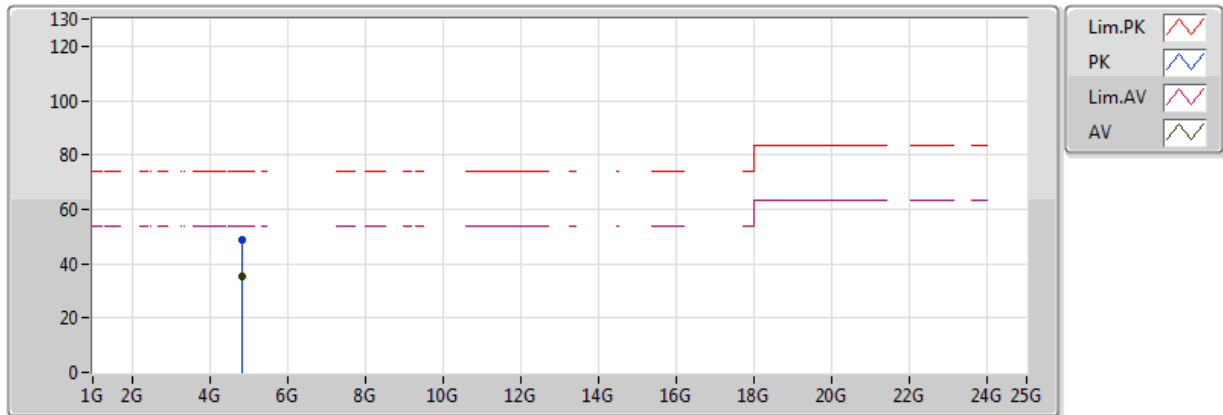


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3884G	53.85	54.00	-0.15	2.09	3	Vertical	207	1.42	-	51.76	32.16	5.18	35.26
AV	2.4192G	100.17	Inf	-Inf	2.16	3	Vertical	207	1.42	-	98.01	32.20	5.22	35.26
AV	2.4844G	45.87	54.00	-8.13	2.28	3	Vertical	207	1.42	-	43.59	32.28	5.28	35.28
PK	2.3892G	66.87	74.00	-7.13	2.09	3	Vertical	207	1.42	-	64.78	32.17	5.18	35.26
PK	2.4196G	110.46	Inf	-Inf	2.16	3	Vertical	207	1.42	-	108.30	32.20	5.22	35.26
PK	2.49G	56.75	74.00	-17.25	2.29	3	Vertical	207	1.42	-	54.46	32.29	5.28	35.28

802.11ac VHT40_Nss1,(MCS0)_3TX

2422MHz_TX

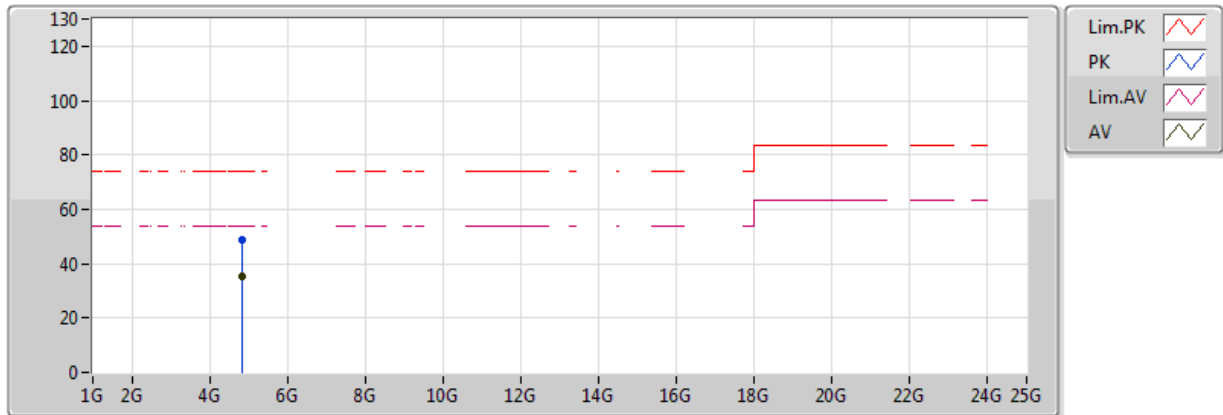


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.843148G	35.33	54.00	-18.67	6.76	3	Vertical	0	1.50	-	28.57	34.24	7.39	34.87
PK	4.84424G	48.68	74.00	-25.32	6.76	3	Vertical	0	1.50	-	41.92	34.24	7.39	34.87

802.11ac VHT40_Nss1,(MCS0)_3TX

2422MHz_TX

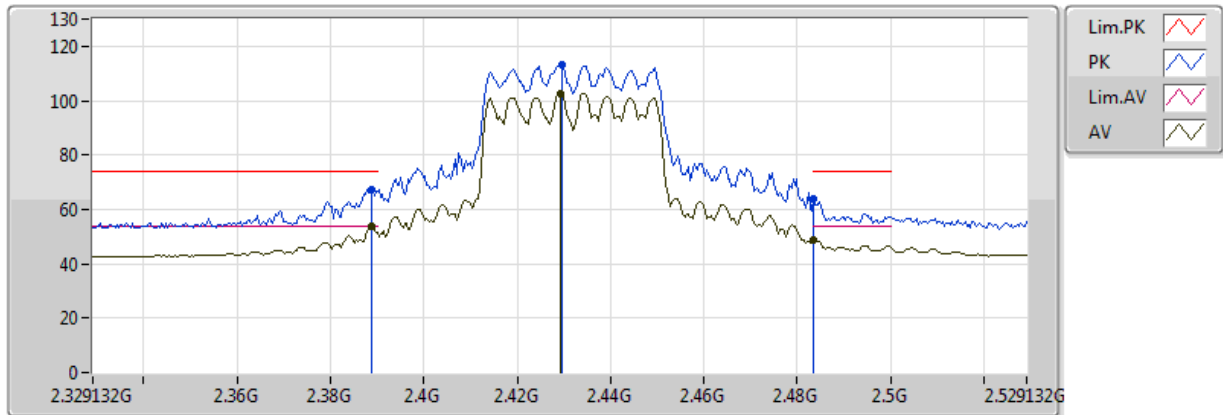


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.845G	35.24	54.00	-18.76	6.77	3	Horizontal	360	1.50	-	28.48	34.24	7.39	34.87
PK	4.844636G	48.53	74.00	-25.47	6.76	3	Horizontal	360	1.50	-	41.77	34.24	7.39	34.87

802.11ac VHT40_Nss1,(MCS0)_3TX

2432MHz_TX

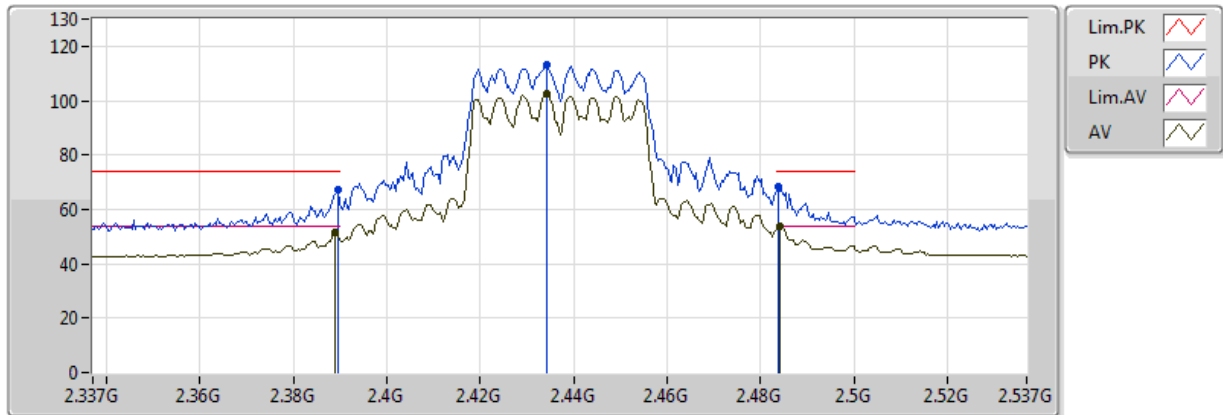


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.388732G	53.54	54.00	-0.46	2.09	3	Vertical	206	1.31	-	51.45	32.17	5.18	35.26
AV	2.429132G	102.71	Inf	-Inf	2.18	3	Vertical	206	1.31	-	100.53	32.21	5.23	35.27
AV	2.483532G	48.48	54.00	-5.52	2.28	3	Vertical	206	1.31	-	46.21	32.28	5.28	35.28
PK	2.388732G	67.27	74.00	-6.73	2.09	3	Vertical	206	1.31	-	65.18	32.17	5.18	35.26
PK	2.429532G	113.10	Inf	-Inf	2.18	3	Vertical	206	1.31	-	110.92	32.22	5.23	35.27
PK	2.483532G	63.95	74.00	-10.05	2.28	3	Vertical	206	1.31	-	61.67	32.28	5.28	35.28

802.11ac VHT40_Nss1,(MCS0)_3TX

2437MHz_TX

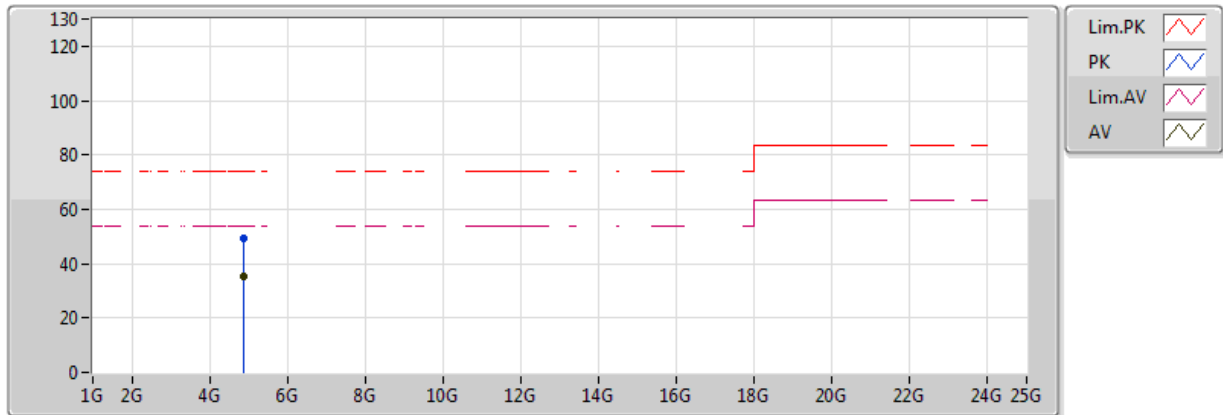


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	51.32	54.00	-2.68	2.09	3	Vertical	207	1.33	-	49.23	32.17	5.18	35.26
AV	2.4342G	102.61	Inf	-Inf	2.18	3	Vertical	207	1.33	-	100.43	32.22	5.23	35.27
AV	2.4842G	53.70	54.00	-0.30	2.28	3	Vertical	207	1.33	-	51.42	32.28	5.28	35.28
PK	2.3894G	66.98	74.00	-7.02	2.09	3	Vertical	207	1.33	-	64.89	32.17	5.18	35.26
PK	2.4342G	112.99	Inf	-Inf	2.18	3	Vertical	207	1.33	-	110.81	32.22	5.23	35.27
PK	2.4838G	68.33	74.00	-5.67	2.28	3	Vertical	207	1.33	-	66.06	32.28	5.28	35.28

802.11ac VHT40_Nss1,(MCS0)_3TX

2437MHz_TX

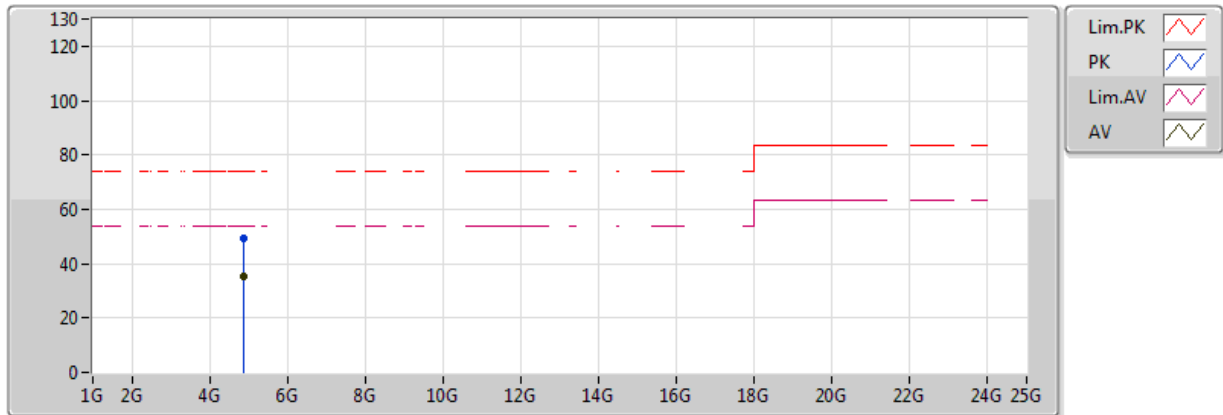


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874108G	35.53	54.00	-18.47	6.82	3	Vertical	0	1.50	-	28.71	34.25	7.43	34.86
PK	4.873604G	49.19	74.00	-24.81	6.82	3	Vertical	0	1.50	-	42.37	34.25	7.43	34.86

802.11ac VHT40_Nss1,(MCS0)_3TX

2437MHz_TX

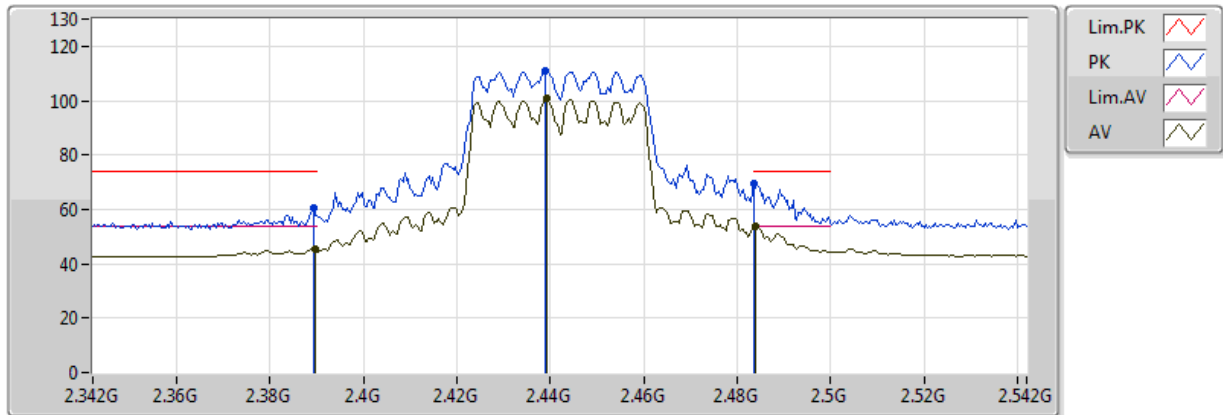


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.873484G	35.37	54.00	-18.63	6.82	3	Horizontal	360	1.50	-	28.55	34.25	7.43	34.86
PK	4.873464G	49.55	74.00	-24.45	6.82	3	Horizontal	360	1.50	-	42.73	34.25	7.43	34.86

802.11ac VHT40_Nss1,(MCS0)_3TX

2442MHz_TX

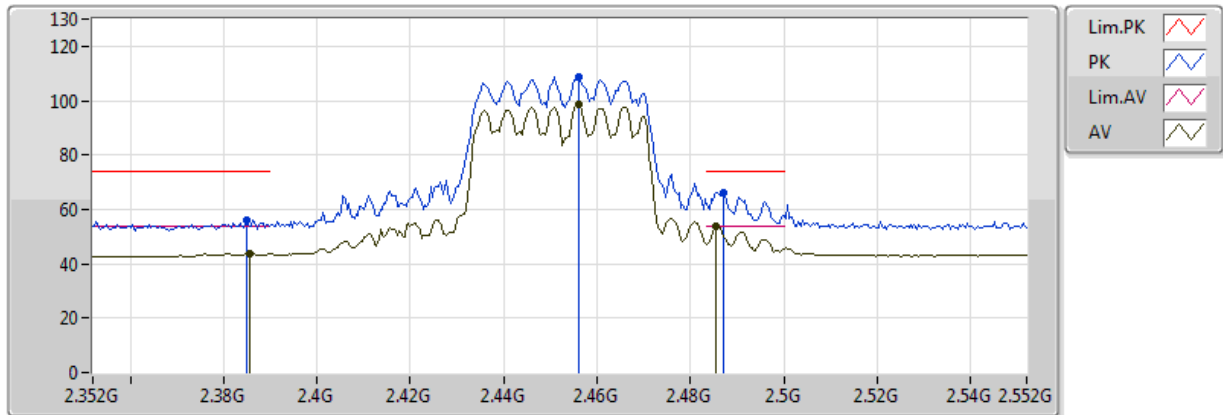


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	45.44	54.00	-8.56	2.09	3	Vertical	206	1.06	-	43.35	32.17	5.18	35.26
AV	2.4392G	100.67	Inf	-Inf	2.19	3	Vertical	206	1.06	-	98.48	32.23	5.24	35.27
AV	2.484G	53.59	54.00	-0.41	2.28	3	Vertical	206	1.06	-	51.31	32.28	5.28	35.28
PK	2.3892G	60.35	74.00	-13.65	2.09	3	Vertical	206	1.06	-	58.26	32.17	5.18	35.26
PK	2.4388G	110.95	Inf	-Inf	2.19	3	Vertical	206	1.06	-	108.76	32.23	5.23	35.27
PK	2.4836G	69.26	74.00	-4.74	2.28	3	Vertical	206	1.06	-	66.99	32.28	5.28	35.28

802.11ac VHT40_Nss1,(MCS0)_3TX

2452MHz_TX

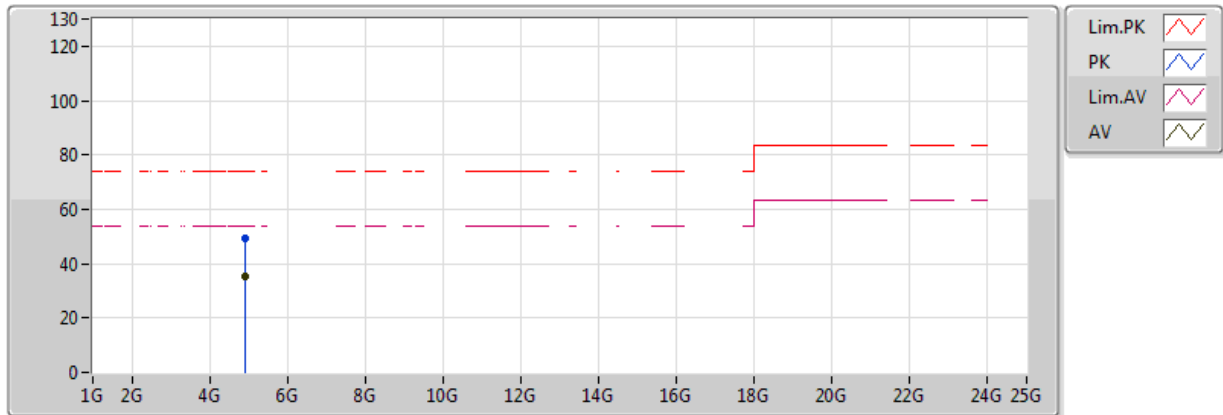


EUT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3856G	43.83	54.00	-10.17	2.08	3	Vertical	183	1.08	-	41.75	32.16	5.18	35.26
AV	2.456G	98.47	Inf	-Inf	2.23	3	Vertical	183	1.08	-	96.24	32.25	5.25	35.27
AV	2.4856G	53.55	54.00	-0.45	2.28	3	Vertical	183	1.08	-	51.27	32.28	5.28	35.28
PK	2.3848G	56.28	74.00	-17.72	2.08	3	Vertical	183	1.08	-	54.20	32.16	5.18	35.26
PK	2.456G	108.67	Inf	-Inf	2.23	3	Vertical	183	1.08	-	106.44	32.25	5.25	35.27
PK	2.4872G	65.99	74.00	-8.01	2.29	3	Vertical	183	1.08	-	63.70	32.28	5.28	35.28

802.11ac VHT40_Nss1,(MCS0)_3TX

2452MHz_TX

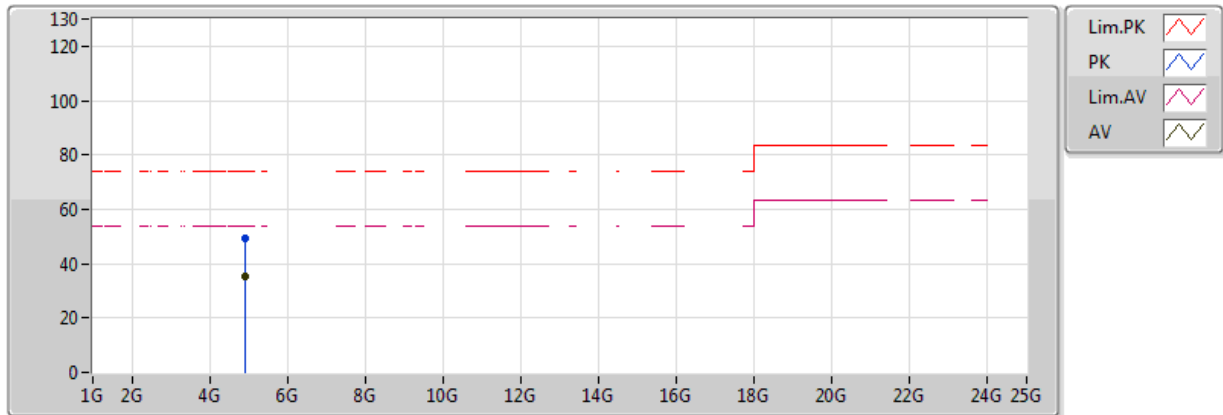


EUT=Y

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90404G	35.47	54.00	-18.53	6.88	3	Vertical	0	1.50	-	28.59	34.26	7.47	34.85
PK	4.903936G	49.43	74.00	-24.57	6.88	3	Vertical	0	1.50	-	42.55	34.26	7.47	34.85

802.11ac VHT40_Nss1,(MCS0)_3TX

2452MHz_TX



EUT=Y

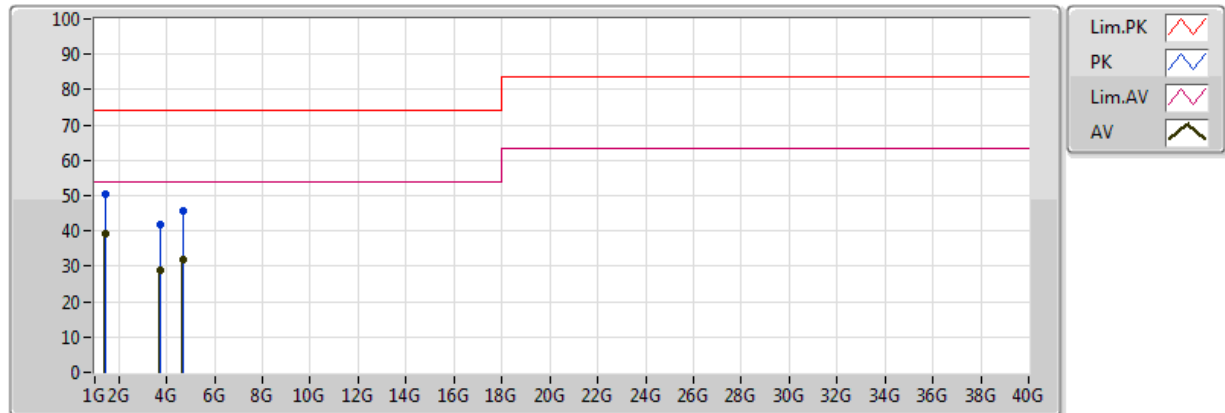
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904052G	35.41	54.00	-18.59	6.88	3	Horizontal	360	1.50	-	28.53	34.26	7.47	34.85
PK	4.904304G	49.11	74.00	-24.89	6.88	3	Horizontal	360	1.50	-	42.23	34.26	7.47	34.85



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	0.00	AV	1.756G	43.71	54.00	-10.29	3	Horizontal	360	1.00	-

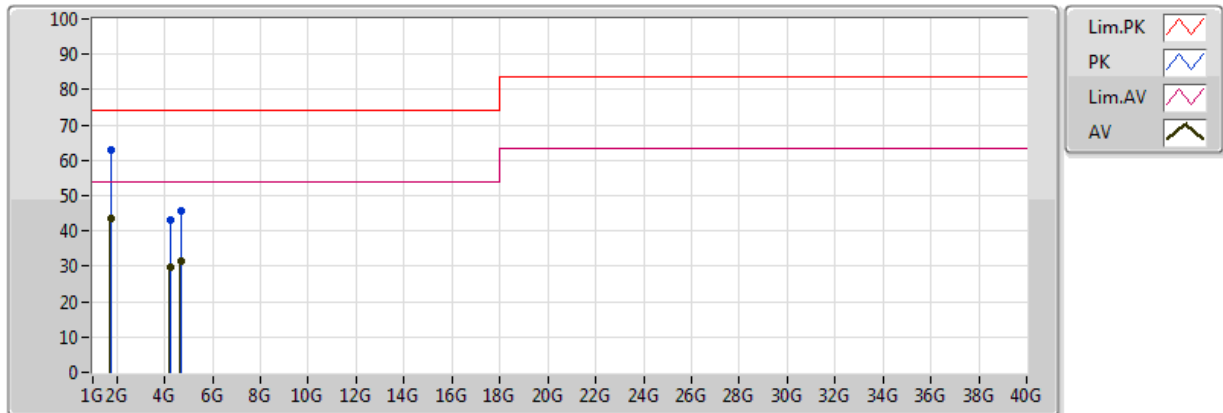
Radiated-above 1GHz_Mode 1



EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	1.441G	39.32	54.00	-14.68	-5.16	3	Vertical	0	1.00	-	44.48	25.55	3.17	33.88
AV	3.708G	28.74	54.00	-25.26	-0.25	3	Vertical	0	1.00	-	28.99	28.96	5.13	34.34
AV	4.703G	31.76	54.00	-22.24	1.97	3	Vertical	0	1.00	-	29.79	31.02	5.27	34.33
PK	1.441G	50.64	74.00	-23.36	-5.16	3	Vertical	0	1.00	-	55.80	25.55	3.17	33.88
PK	3.708G	41.74	74.00	-32.26	-0.25	3	Vertical	0	1.00	-	41.99	28.96	5.13	34.34
PK	4.703G	45.49	74.00	-28.51	1.97	3	Vertical	0	1.00	-	43.52	31.02	5.27	34.33

Radiated-above 1GHz_Mode 1



EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	1.756G	43.71	54.00	-10.29	-4.23	3	Horizontal	360	1.00	-	47.94	25.96	3.56	33.75
AV	4.235G	29.86	54.00	-24.14	0.95	3	Horizontal	360	1.00	-	28.91	30.12	5.17	34.33
AV	4.702G	31.59	54.00	-22.41	1.97	3	Horizontal	360	1.00	-	29.62	31.02	5.27	34.33
PK	1.756G	62.74	74.00	-11.26	-4.23	3	Horizontal	360	1.00	-	66.97	25.96	3.56	33.75
PK	4.235G	42.93	74.00	-31.07	0.95	3	Horizontal	360	1.00	-	41.98	30.12	5.17	34.33
PK	4.702G	45.77	74.00	-28.23	1.97	3	Horizontal	360	1.00	-	43.80	31.02	5.27	34.33