

FCC Test Report

Equipment : Indoor AP
Brand Name : Askey
Model No. : EAI2001S
FCC ID : H8N-EAI2001S
Standard : 47 CFR FCC Part 15.407
Operating Band : 5150 MHz – 5250 MHz
5725 MHz – 5850 MHz
Applicant : Askey Computer Corp.
10F, No.119, Jiankang Road, Zhonghe Dist., New Taipei
City, Taiwan
Manufacturer : ASKEY TECHNOLOGY (JIANGSU) LTD.
No. 1388, Jiao Tong Road, Wujiang
Economic-Technological Development Area, Jiangsu
Province, P.R. China
Function : Outdoor; Indoor; Fixed P2P
 Client

The product sample received on May 05, 2017 and completely tested on May 15, 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.





Table of Contents

- 1 GENERAL DESCRIPTION5**
- 1.1 Information.....5
- 1.2 Testing Applied Standards7
- 1.3 Testing Location Information7
- 1.4 Measurement Uncertainty8
- 2 TEST CONFIGURATION OF EUT.....9**
- 2.1 Test Condition9
- 2.2 Test Condition9
- 2.3 Test Channel Mode10
- 2.4 The Worst Case Measurement Configuration11
- 2.5 Accessories12
- 2.6 Support Equipment.....12
- 2.7 Test Setup Diagram13
- 3 TRANSMITTER TEST RESULT15**
- 3.1 AC Power-line Conducted Emissions15
- 3.2 Emission Bandwidth16
- 3.3 Maximum Conducted Output Power17
- 3.4 Peak Power Spectral Density.....19
- 3.5 Unwanted Emissions.....21
- 3.6 Frequency Stability.....25
- 4 TEST EQUIPMENT AND CALIBRATION DATA26**

APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS

APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH

APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER

APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY

APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS

APPENDIX F. TEST RESULTS OF FREQUENCY STABILITY

APPENDIX G. TEST PHOTOS

PHOTOGRAPHS OF EUT v01



Summary of Test Result

Conformance Test Specifications			
Report Clause	Ref. Std. Clause	Description	Result
1.1.2	15.203	Antenna Requirement	Complied
3.1	15.207	AC Power-line Conducted Emissions	Complied
3.2	15.407(a)	Emission Bandwidth	Complied
3.3	15.407(a)	Maximum Conducted Output Power	Complied
3.4	15.407(a)	Peak Power Spectral Density	Complied
3.5	15.407(b)	Unwanted Emissions	Complied
3.6	15.407(g)	Frequency Stability	Complied



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5.15-5.25GHz	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5.725-5.85GHz		5745-5825	149-165 [5]
5.15-5.25GHz	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5.725-5.85GHz		5755-5795	151-159 [2]
5.15-5.25GHz	ac (VHT80)	5210	42 [1]
5.725-5.85GHz		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, modulation.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Ant.	Port	Antenna Type	Connector	Gain (dBi)							
				5180	5250	5350	5500	5600	5725	5805	5850
1	1	FPC Dipole Antenna	I-PEX	4.1	3.3	3.1	4.0	3.5	2.4	2.2	2.8
2	2	FPC Dipole Antenna	I-PEX	4.1	4.2	4.0	3.9	4.2	4.5	4.5	4.3

Note: 1: 802.11b/g only includes 2TX and Port1 for emission.

Note: 2: 802.11n/ac used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)

Note:

- The Signals support CDD and correlated, and transmits simultaneously in multiple channels in single or multiple frequency bands.
- If all antennas have the same gain, G_{ANT} :
Directional gain = $G_{ANT} + 10 \log(N_{ANT}/N_{SS})$ dBi, where N_{SS} = the number of independent spatial streams of data and G_{ANT} is the antenna gain in dBi. (This formula can also be applied when antennas have different gains if the highest antenna gain is substituted for G_{ANT} .)
- For power measurements on IEEE 802.11 devices,
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;
Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

1.1.3 EUT Information

Identify EUT			
SW / HW	N/A		
Operational Condition			
EUT Power Type	From AC Adapter		
Beamforming Function	<input type="checkbox"/> With beamforming	<input checked="" type="checkbox"/> Without beamforming	
Type of EUT			
<input checked="" type="checkbox"/>	Stand-alone		
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:	...	
<input type="checkbox"/>	Other:		



1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.928	0.325	2.03m	1k
802.11ac VHT20	0.951	0.218	1.902m	1k
802.11ac VHT40	0.911	0.405	937.5u	3k
802.11ac VHT80	0.818	0.872	459.375u	3k

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 789033 D02 v01r04
- ◆ KDB 644545 D03 v01
- ◆ KDB 662911 D01 v02r01
- ◆ ANSI C63.4-2014

1.3 Testing Location Information

Testing Location		
<input checked="" type="checkbox"/>	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. 553509 with FCC.		
<input type="checkbox"/>	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	TH01-HY	Ryan	22.5°C / 65%	15/May/2017
Radiated	03CH02-HY	Lynus	22.5°C / 59%	12/May/2017
AC Conduction	CO01-HY	Teddy	24°C / 58%	12/May/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

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

2.2 Test Condition

Freq. Stability	Abbreviation	Remark
0°C	-	-
10°C	-	-
20°C	-	-
30°C	-	-
40°C	-	-
138V	-	-
120V	-	-
102V	-	-



2.3 Test Channel Mode




Test Software Version	art2_ver_4_9_853
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Mode	Power Setting
802.11a_(6Mbps)_2TX	-
5180MHz	24
5200MHz	25
5240MHz	25
5745MHz	27
5785MHz	27
5825MHz	27
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	23
5200MHz	26
5240MHz	26
5745MHz	27
5785MHz	27
5825MHz	27
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	19.5
5230MHz	26
5755MHz	27
5795MHz	27
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	16
5775MHz	22.5

2.4 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal link
1	Adapter mode
2	PoE mode
Mode 2 configuration was tested and found to be the worst case and measured during the test.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Frequency Stability Unwanted Emissions
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode	CTX		
1	Adapter mode		
2	PoE mode		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V



2.5 Accessories

Accessories				
AC Adapter 1	Brand Name	AOEM	Model Name	ADS0248T-W120200
	Power Rating	I/P: <u>100 - 240</u> Vac, <u>600</u> mA, O/P: <u>12</u> Vdc, <u>2000</u> mA		
	Power Cord	<u>1.8</u> meter, non-shielded cable, w/o ferrite core		

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

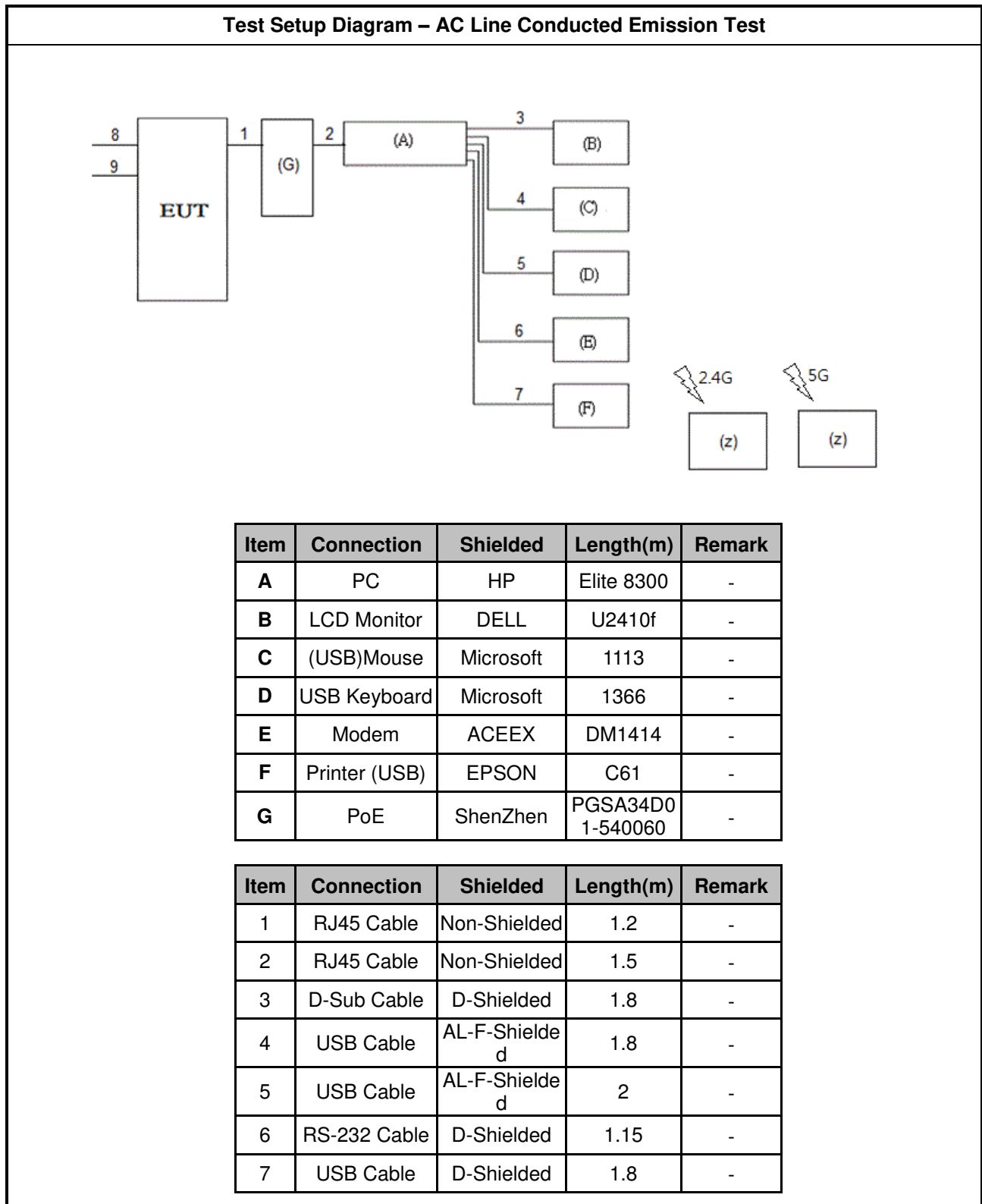
2.6 Support Equipment

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

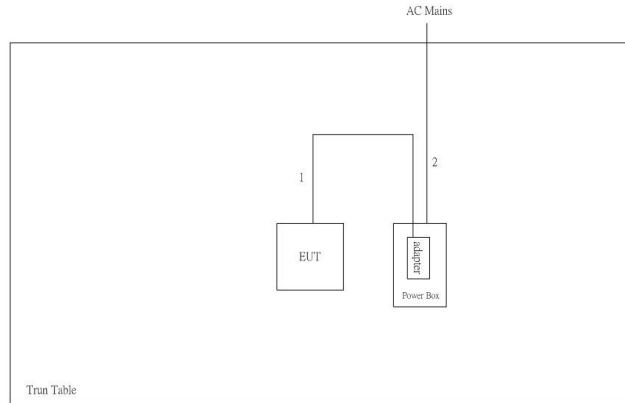
Support Equipment - Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	RJ-11 cable	-	-	DoC
2	USB cable	-	-	DoC

Support Equipment - AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook2(2.4G)	DELL	VOSTRO 3350	DoC
2	RJ45 Cable	Non-Shielded	1.2	DoC
3	D-Sub Cable	HP	FM100	DoC
4	USB Cable	e-Power	S90W	DoC
5	RS-232 Cable	Abocom	AM7221T-X10	DoC
A	PC	HP	Elite 8300	DoC
B	LCD Monitor	DELL	U2410f	DoC
C	(USB)Mouse	Microsoft	1113	DoC
D	USB Keyboard	Microsoft	1366	DoC
E	Modem	ACEEX	DM1414	DoC
F	Printer (USB)	EPSON	C61	DoC
G	PoE	ShenZhen	PGSA34D01-540060	DoC

2.7 Test Setup Diagram

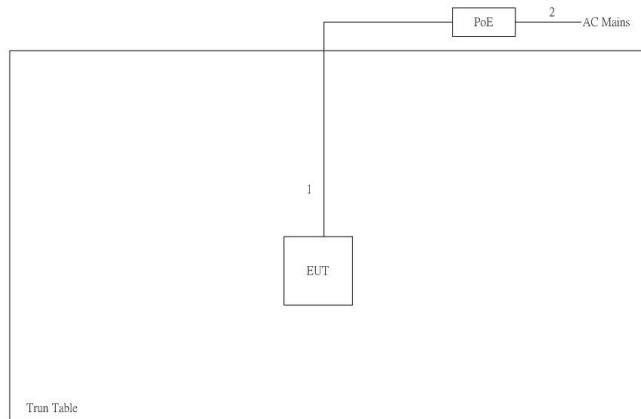


Test Setup Diagram - Radiated Test Adapter mode



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.5m	-
2	Power cable	No	1.5m	-

Test Setup Diagram - Radiated Test PoE mode



Item	Connection	Shielded	Length(m)	Remark
1	RJ-45 cable	No	10m	-
2	Power cable	No	1.5m	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

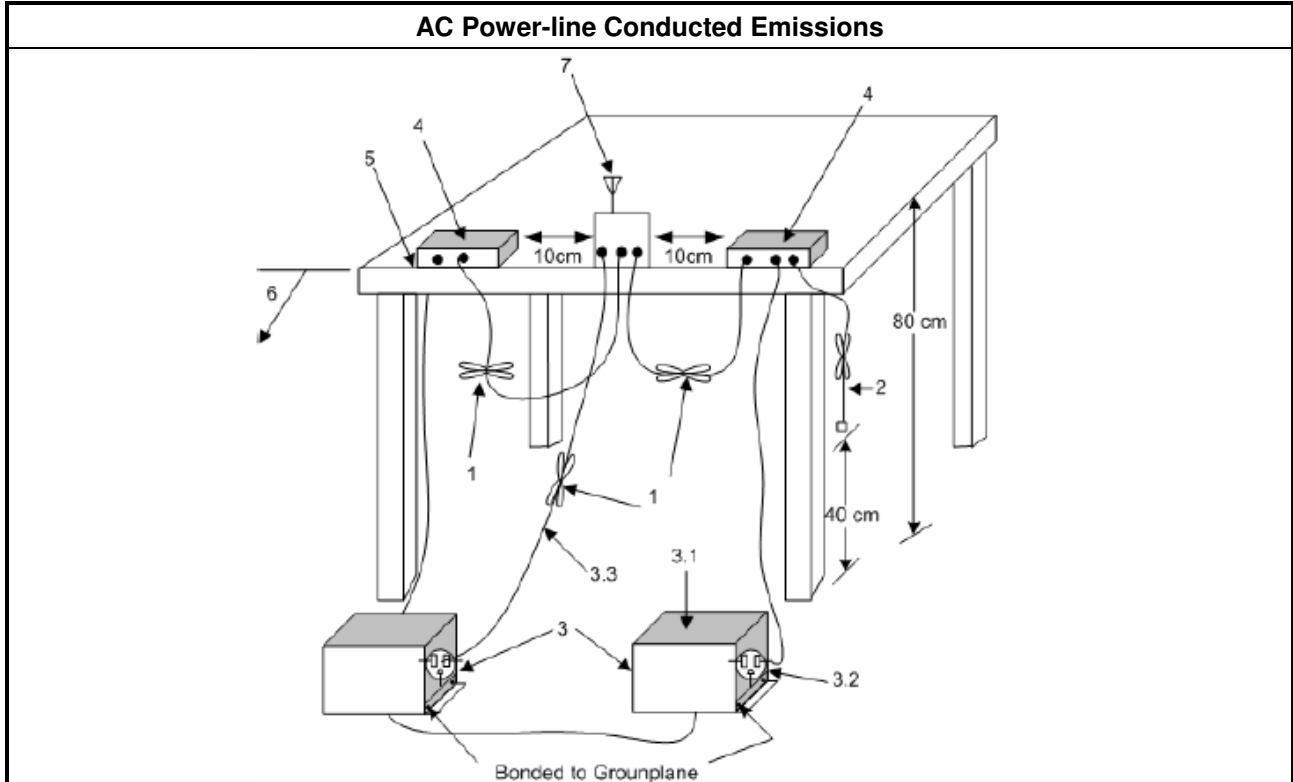
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> 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 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input type="checkbox"/>	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
<input type="checkbox"/>	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz.

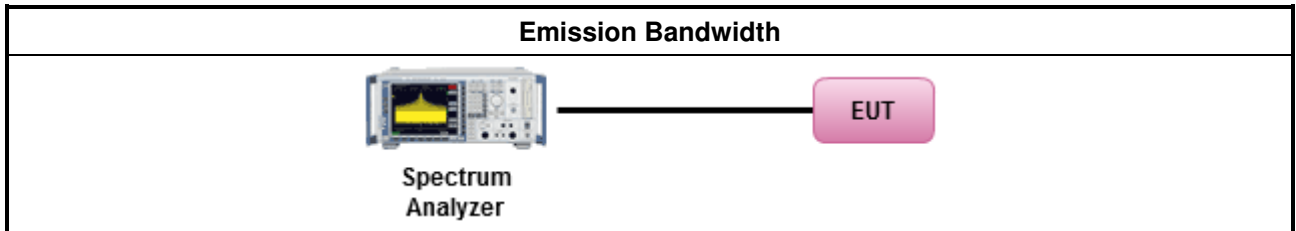
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: 	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 6.6 for 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	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] ▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ ▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. ▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
<input type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. ▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

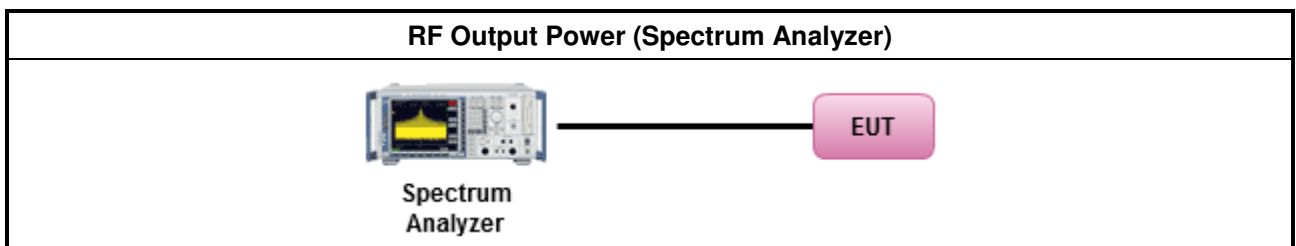
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Maximum Conducted Output Power 	
Duty cycle \geq 98%	
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle $<$ 98%	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
<input type="checkbox"/>	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
<ul style="list-style-type: none"> For conducted measurement. 	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> 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 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

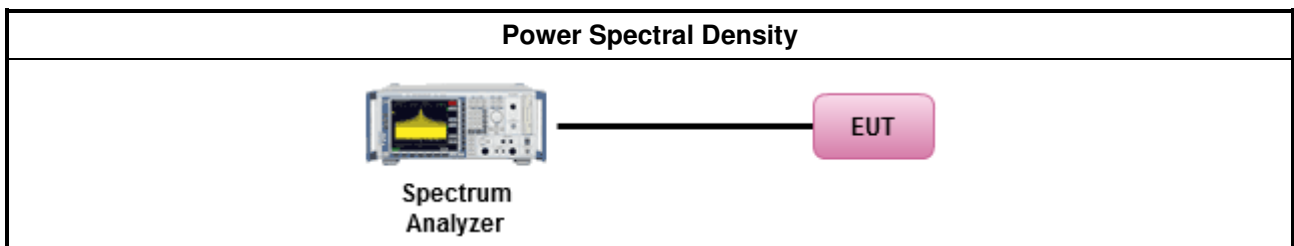
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options: 	
<input type="checkbox"/>	Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
Duty cycle ≥ 98%	
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle < 98%	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 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. ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$ 	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz 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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: 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).



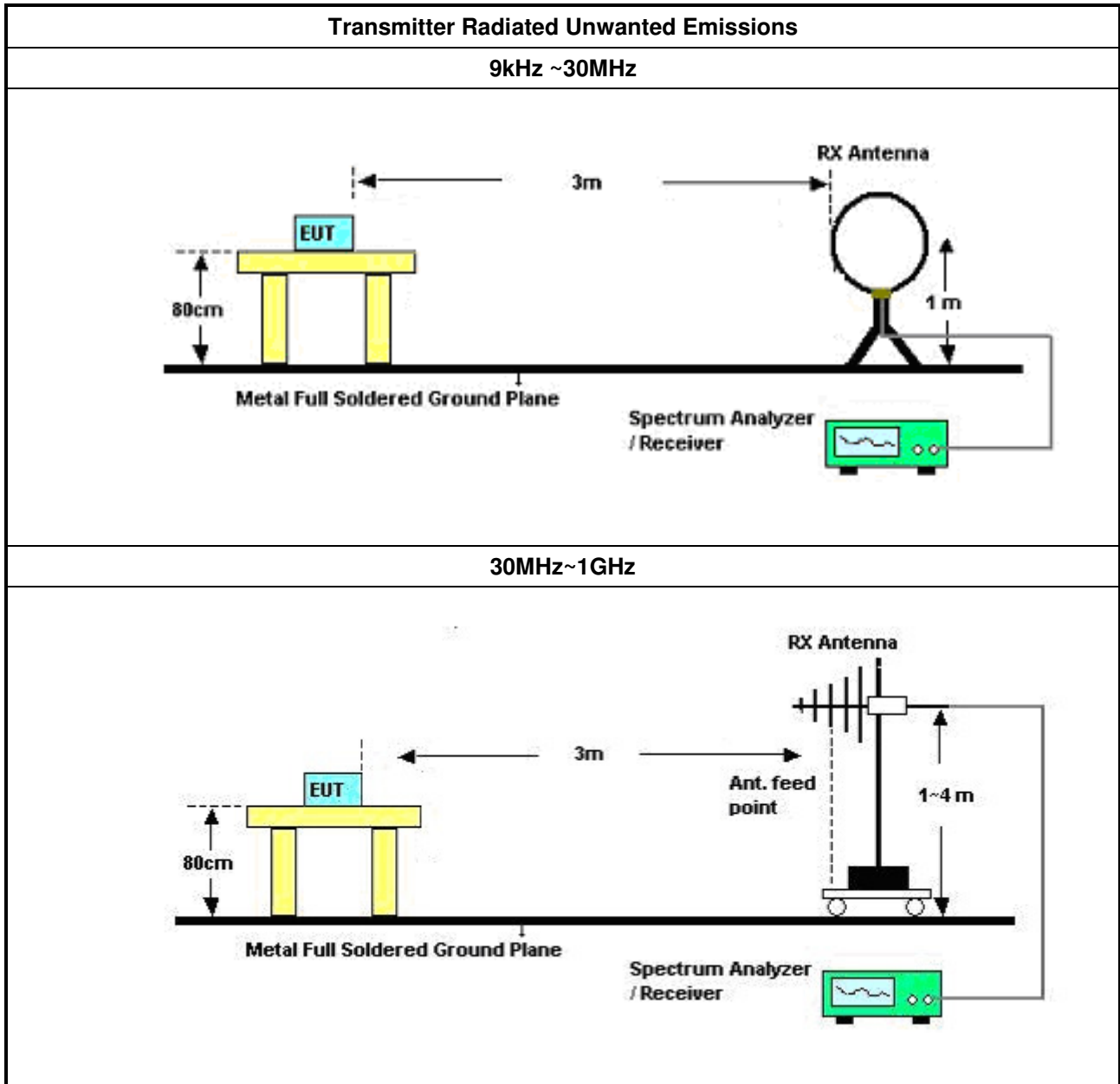
3.5.2 Measuring Instruments

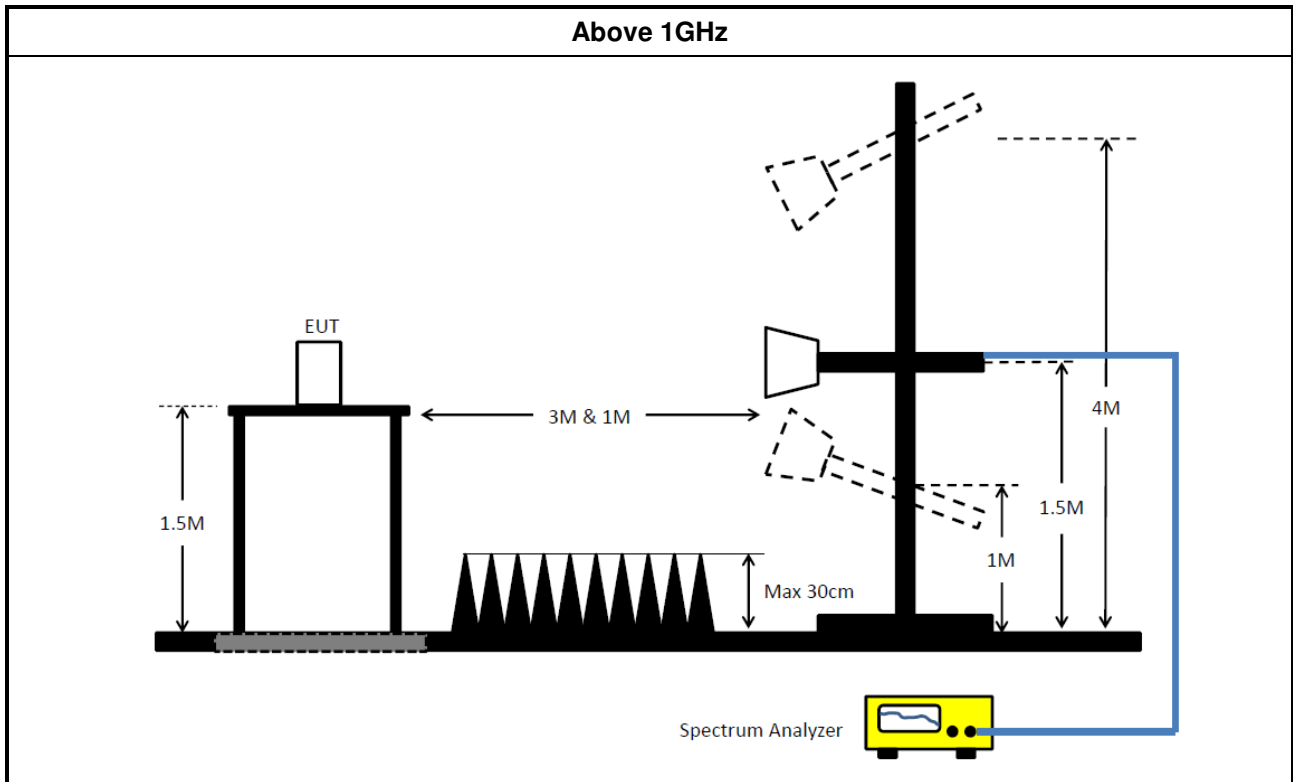
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> 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. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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). 	
<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle \geq 98 or duty factor]. 	
<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
<input checked="" type="checkbox"/>	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
<ul style="list-style-type: none"> For radiated measurement. 	
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	

3.5.4 Test Setup





3.5.5 Transmitter Unwanted Emissions (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.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit	
UNII Devices	
<ul style="list-style-type: none"> In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual. 	

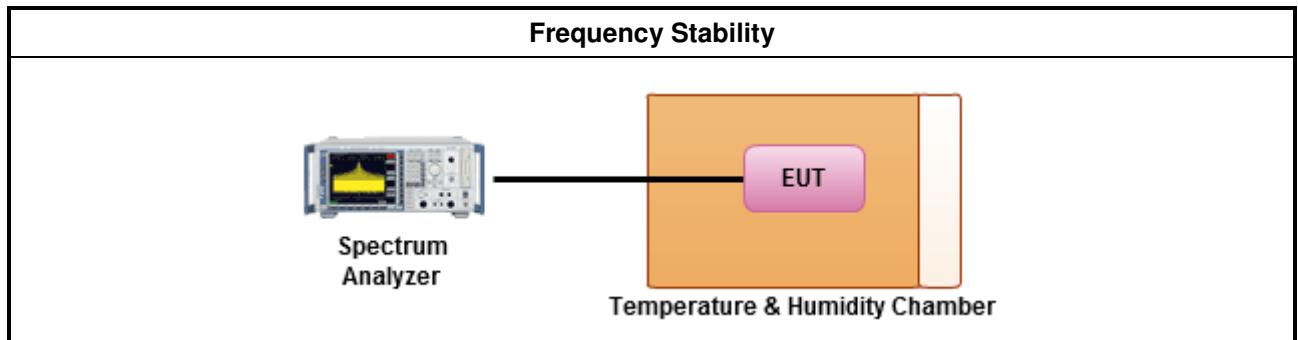
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.8 for frequency stability tests 	
<ul style="list-style-type: none"> Frequency stability with respect to ambient temperature 	
<ul style="list-style-type: none"> Frequency stability when varying supply voltage 	

3.6.4 Test Setup



3.6.5 Test Result of Frequency Stability

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	05/Apr/2017	04/Apr/2018
LISN	R&S	ENV 216	101274	9kHz ~ 30MHz	20/Apr/2017	19/Apr/2018
LISN (Support Unit)	MessTec	NNB-2/16Z	99079	9kHz ~ 30MHz	NCR	NCR
RF Cable-CON	HUBER+SUHNER	RG213/U	0761183201000 1	9kHz ~ 30MHz	06/Mar/2017	05/Mar/2018
Impulsbegrenzer Pulse Limiter	R&S	ESH3-Z2	100920	9 kHz ~ 30 MHz	09/Nov/2016	08/Nov/2017
Impedance Stabilization Network	TESEQ	T800	23342	150kHz ~ 230MHz	02/Mar/2017	01/Mar/2018

NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9KHz - 40GHz	26/Oct/2016	25/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	03/Jun/2016	02/Jun/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	01/Jul/2016	30/Jun/2017
Amplifier	Agilent	8449B	3008A02373	1GHz-26.5GHz	02/Sep/2016	01/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	25/Apr/2017	24/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15GHz-40GHz	06/Feb/2017	05/Feb/2018
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	01/Oct/2016	30/Sep/2017
Amplifier	MITEQ	JS44-18004000 -33-8P	1840917	18GHz-40GHz	01/Jun/2015	31/May/2017
Loop Antenna	TESEQ	HLA 6120	31244	9KHz-30MHz	02/Mar/2017	01/Mar/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018



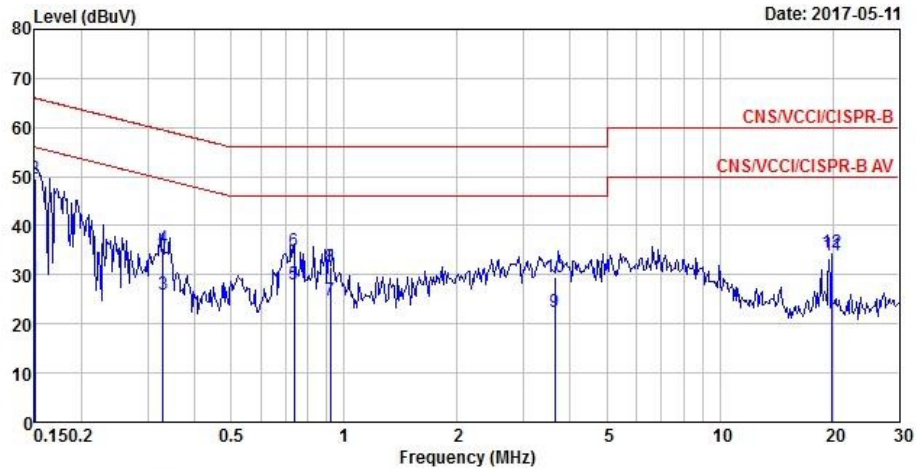
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	30/Dec/2016	29/Dec/ 2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	21/Jul/2016	20/Jul/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	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
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40 ~ 100°C	21/Nov/2017	20/Nov/2018
AC Power Source	G.W	APS-9102	EL920581	AC 0V ~ 300V	04/Jun/2016	03/Jun/2017



AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Neutral
Operating Function	PoE mode		



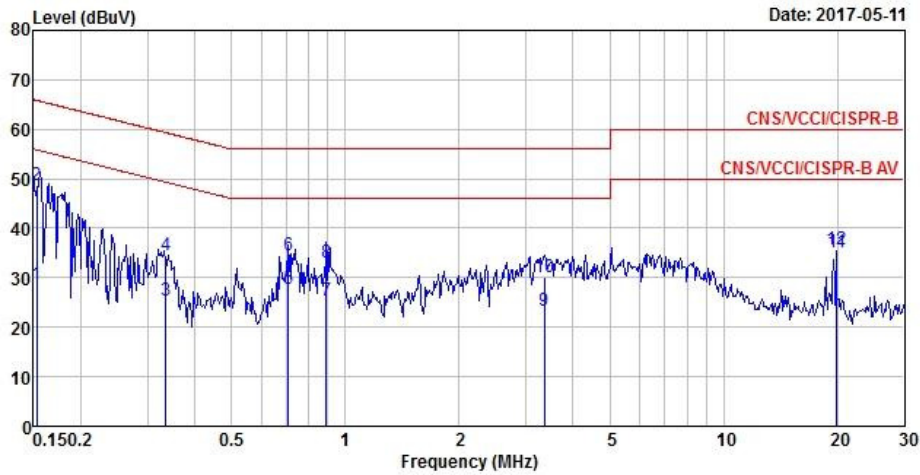
	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	29.20	-26.80	56.00	19.53	9.65	0.02	Average
2	0.15	49.64	-16.36	66.00	39.97	9.65	0.02	QP
3	0.33	26.06	-23.41	49.47	16.40	9.64	0.02	Average
4	0.33	35.35	-24.12	59.47	25.69	9.64	0.02	QP
5	0.74	27.90	-18.10	46.00	18.24	9.64	0.02	Average
6	0.74	34.84	-21.16	56.00	25.18	9.64	0.02	QP
7	0.92	24.90	-21.10	46.00	15.24	9.64	0.02	Average
8	0.92	31.69	-24.31	56.00	22.03	9.64	0.02	QP
9	3.63	22.51	-23.49	46.00	12.76	9.67	0.08	Average
10	3.63	29.61	-26.39	56.00	19.86	9.67	0.08	QP
11 MAX	19.90	34.08	-15.92	50.00	24.02	9.82	0.24	Average
12	19.90	34.68	-25.32	60.00	24.62	9.82	0.24	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	2	Power Phase	Line
Operating Function	PoE mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	28.66	-27.16	55.82	19.01	9.63	0.02	Average
2	0.15	48.72	-17.10	65.82	39.07	9.63	0.02	QP
3	0.34	25.40	-23.91	49.31	15.75	9.63	0.02	Average
4	0.34	34.47	-24.84	59.31	24.82	9.63	0.02	QP
5	0.71	27.78	-18.22	46.00	18.13	9.63	0.02	Average
6	0.71	34.67	-21.33	56.00	25.02	9.63	0.02	QP
7	0.89	25.47	-20.53	46.00	15.82	9.63	0.02	Average
8	0.89	33.07	-22.93	56.00	23.42	9.63	0.02	QP
9	3.36	23.30	-22.70	46.00	13.57	9.66	0.07	Average
10	3.36	29.97	-26.03	56.00	20.24	9.66	0.07	QP
11 MAX	19.90	35.12	-14.88	50.00	25.21	9.67	0.24	Average
12	19.90	35.80	-24.20	60.00	25.89	9.67	0.24	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)
802.11a_(6Mbps)_2TX	-	-	-	-	-
5.15-5.25GHz	34.7M	16.942M	16M9D1D	22.075M	16.492M
5.725-5.85GHz	16.375M	22.839M	22M8D1D	15.025M	16.742M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	43.875M	19.99M	20M0D1D	25.575M	17.766M
5.725-5.85GHz	17.6M	21.714M	21M7D1D	16.75M	17.766M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	85.2M	36.832M	36M8D1D	43.85M	36.182M
5.725-5.85GHz	35.95M	40.68M	40M7D1D	35M	36.832M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	86.9M	75.562M	75M6D1D	85.9M	75.462M
5.725-5.85GHz	73.8M	75.762M	75M8D1D	70.4M	75.162M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

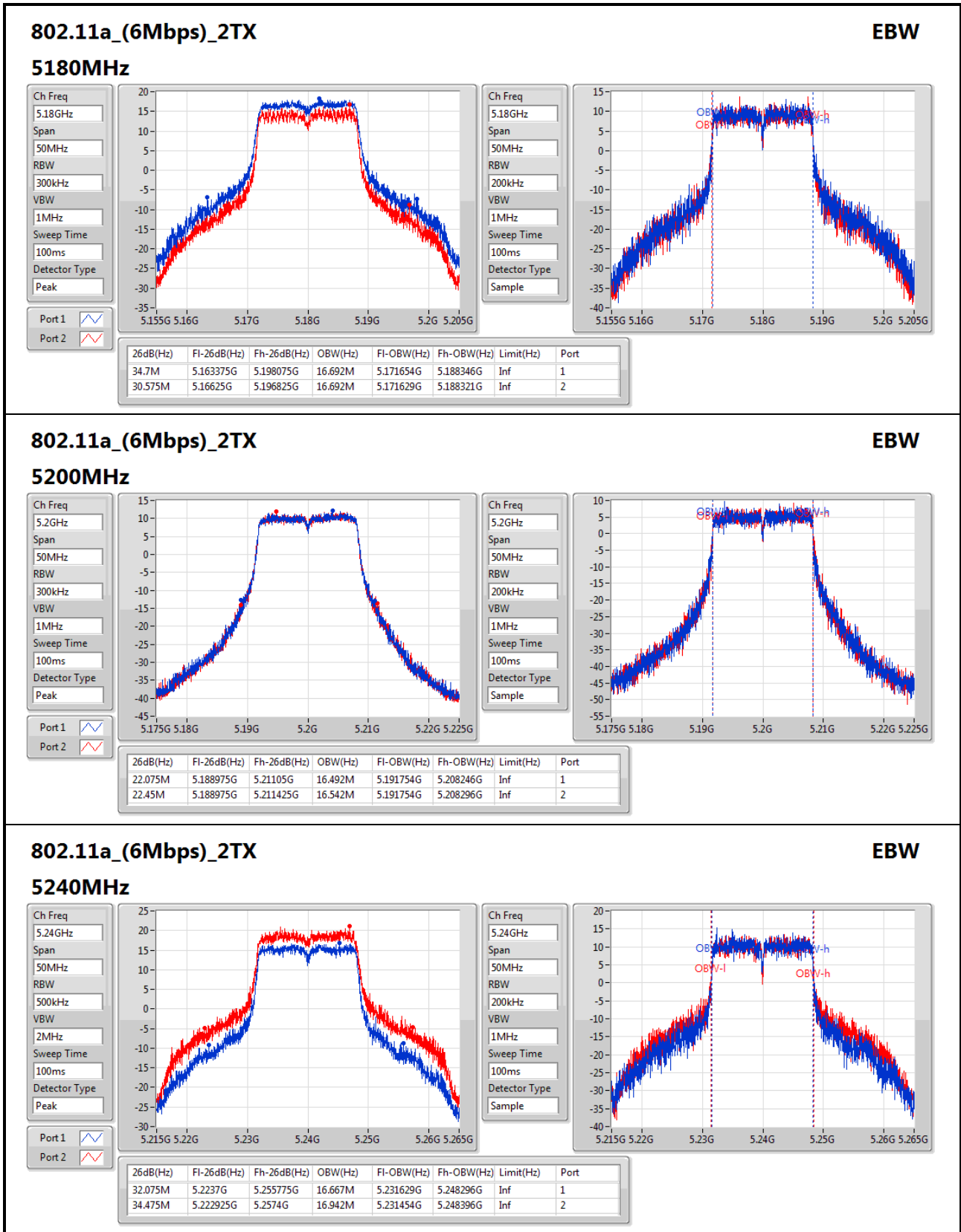
Min-OBW = Minimum 99% occupied bandwidth;

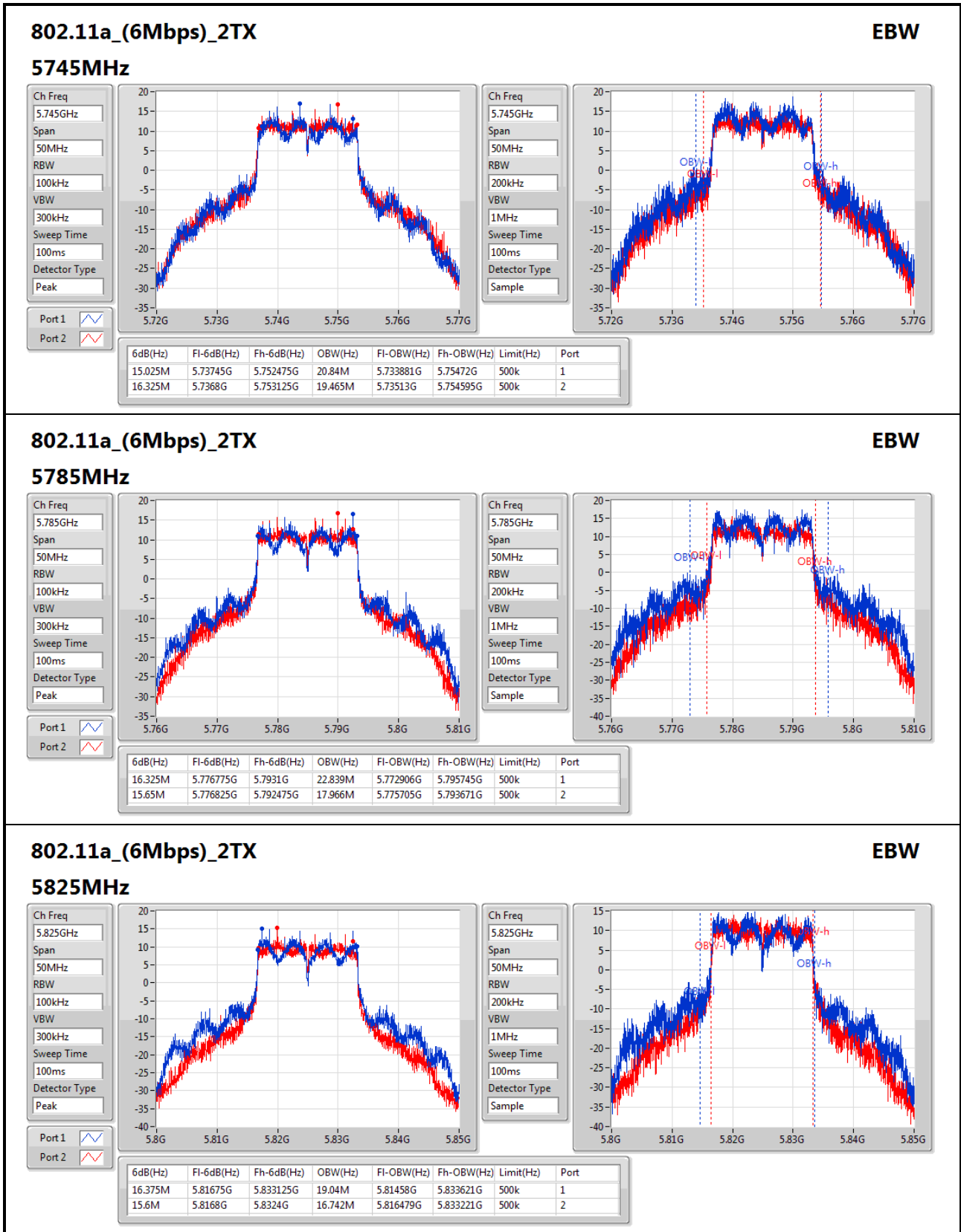
Result

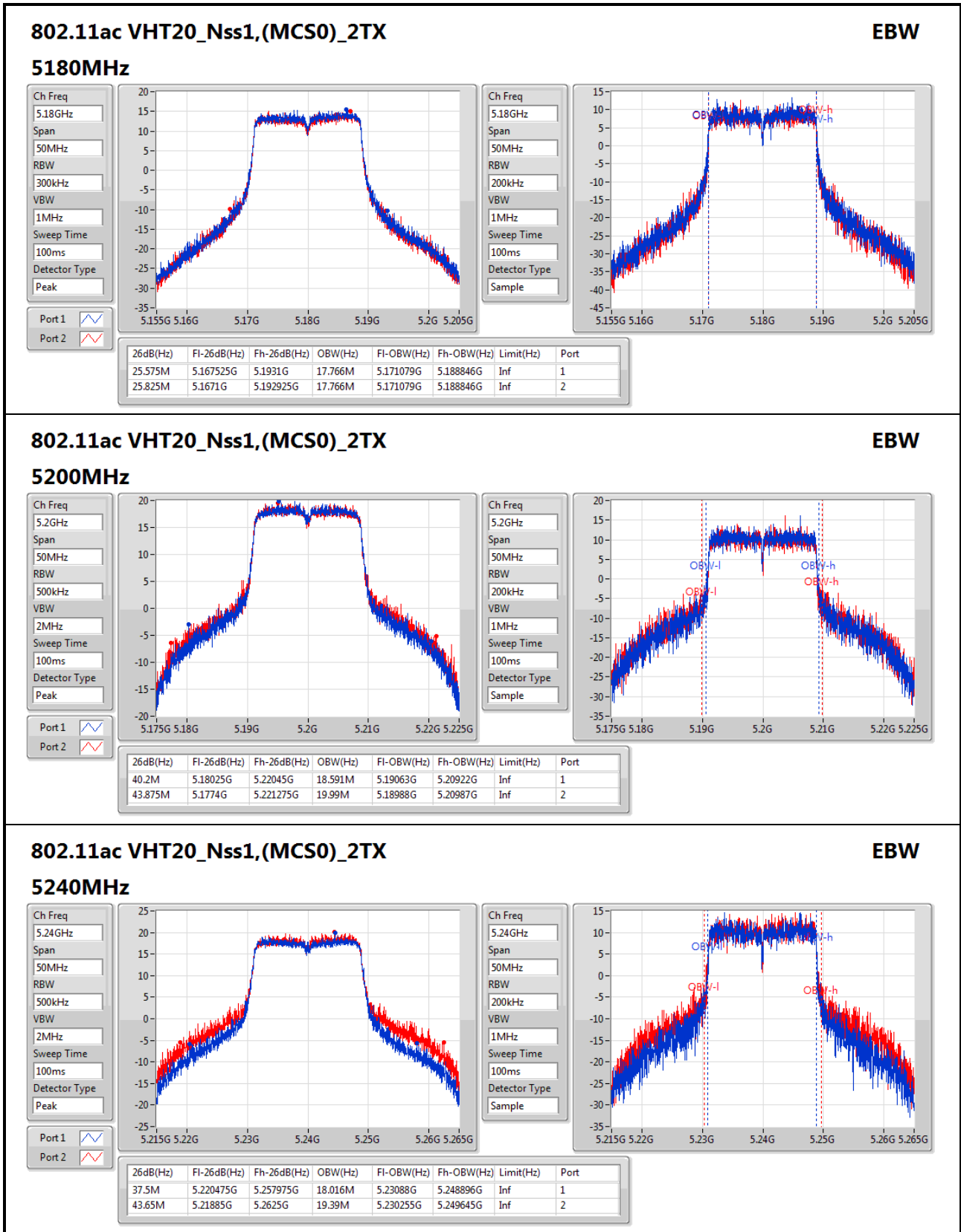
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	34.7M	16.692M	30.575M	16.692M
5200MHz_TnomVnom	Pass	Inf	22.075M	16.492M	22.45M	16.542M
5240MHz_TnomVnom	Pass	Inf	32.075M	16.667M	34.475M	16.942M
5745MHz_TnomVnom	Pass	500k	15.025M	20.84M	16.325M	19.465M
5785MHz_TnomVnom	Pass	500k	16.325M	22.839M	15.65M	17.966M
5825MHz_TnomVnom	Pass	500k	16.375M	19.04M	15.6M	16.742M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	25.575M	17.766M	25.825M	17.766M
5200MHz_TnomVnom	Pass	Inf	40.2M	18.591M	43.875M	19.99M
5240MHz_TnomVnom	Pass	Inf	37.5M	18.016M	43.65M	19.39M
5745MHz_TnomVnom	Pass	500k	16.75M	21.064M	17.575M	18.741M
5785MHz_TnomVnom	Pass	500k	17.6M	21.714M	17.3M	19.115M
5825MHz_TnomVnom	Pass	500k	17.575M	18.891M	16.875M	17.766M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	43.85M	36.232M	44.85M	36.182M
5230MHz_TnomVnom	Pass	Inf	71.35M	36.532M	85.2M	36.832M
5755MHz_TnomVnom	Pass	500k	35.75M	40.68M	35.9M	37.181M
5795MHz_TnomVnom	Pass	500k	35M	38.731M	35.95M	36.832M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	85.9M	75.562M	86.9M	75.462M
5775MHz_TnomVnom	Pass	500k	70.4M	75.162M	73.8M	75.762M

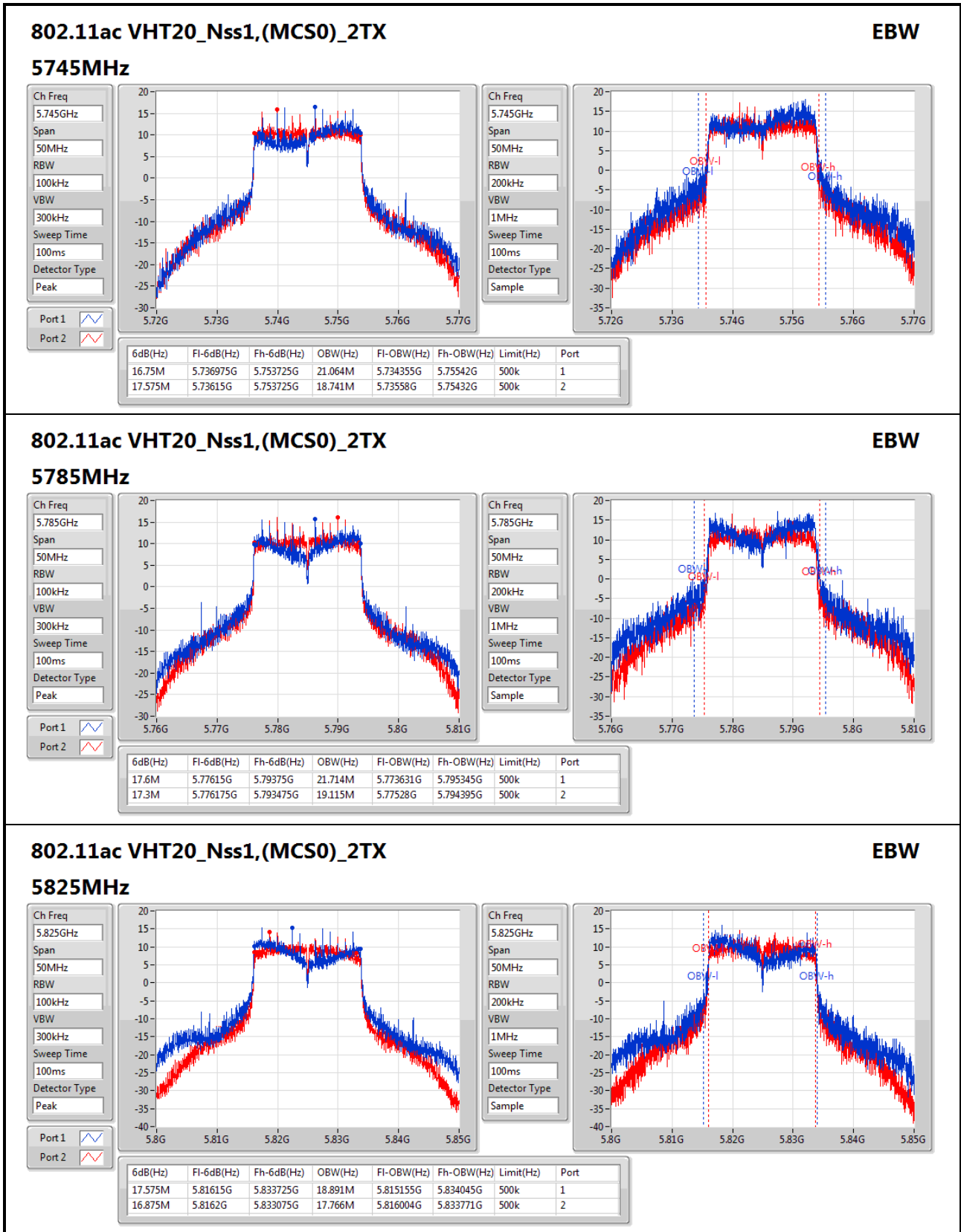
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

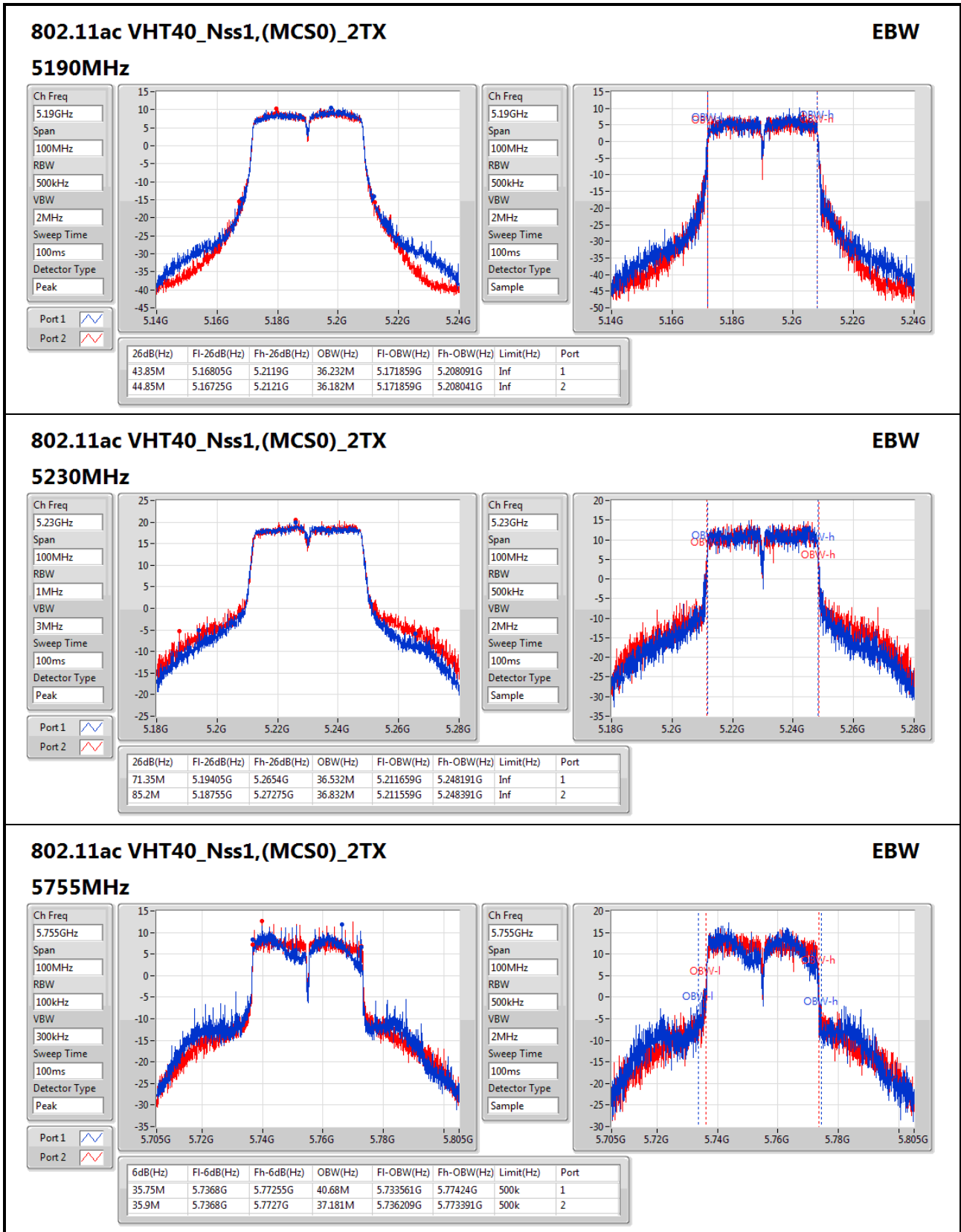
Port X-OBW = Port X 99% occupied bandwidth;

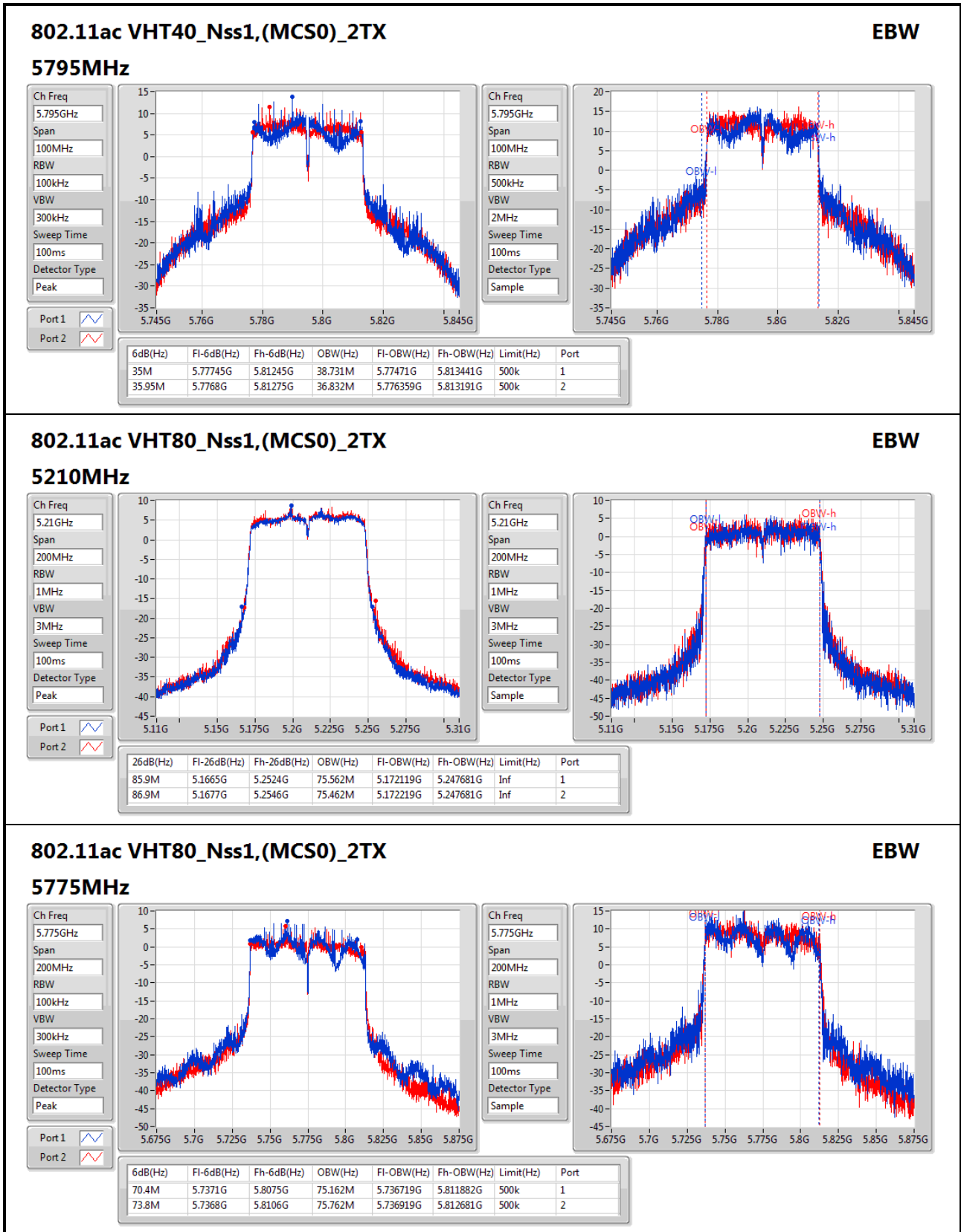














Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_2TX	-	-	-	-
5.15-5.25GHz	27.69	0.58749	31.89	1.54525
5.725-5.85GHz	28.92	0.77983	33.42	2.19786
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	28.17	0.65615	32.37	1.72584
5.725-5.85GHz	28.94	0.78343	33.44	2.20800
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	27.69	0.58749	31.89	1.54525
5.725-5.85GHz	28.66	0.73451	33.16	2.07014
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	17.84	0.06081	22.04	0.15996
5.725-5.85GHz	24.97	0.31405	29.47	0.88512



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.20	23.91	23.72	26.83	30.00	31.03	36.00
5200MHz	Pass	4.20	24.82	24.53	27.69	30.00	31.89	36.00
5240MHz	Pass	4.20	24.23	24.55	27.40	30.00	31.60	36.00
5745MHz	Pass	4.50	25.63	26.18	28.92	30.00	33.42	36.00
5785MHz	Pass	4.50	25.60	25.84	28.73	30.00	33.23	36.00
5825MHz	Pass	4.50	24.81	24.69	27.76	30.00	32.26	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.20	23.14	22.85	26.01	30.00	30.21	36.00
5200MHz	Pass	4.20	25.17	25.15	28.17	30.00	32.37	36.00
5240MHz	Pass	4.20	24.97	25.31	28.15	30.00	32.35	36.00
5745MHz	Pass	4.50	25.66	26.19	28.94	30.00	33.44	36.00
5785MHz	Pass	4.50	25.23	25.87	28.57	30.00	33.07	36.00
5825MHz	Pass	4.50	24.37	24.64	27.52	30.00	32.02	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.20	18.94	18.67	21.82	30.00	26.02	36.00
5230MHz	Pass	4.20	24.68	24.68	27.69	30.00	31.89	36.00
5755MHz	Pass	4.50	25.47	25.82	28.66	30.00	33.16	36.00
5795MHz	Pass	4.50	24.84	25.48	28.18	30.00	32.68	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.20	14.72	14.94	17.84	30.00	22.04	36.00
5775MHz	Pass	4.50	21.87	22.04	24.97	30.00	29.47	36.00

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



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	15.82	22.98
5.725-5.85GHz	16.33	23.03
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	15.78	22.94
5.725-5.85GHz	15.59	22.29
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	12.31	19.47
5.725-5.85GHz	12.42	19.12
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	-0.01	7.15
5.725-5.85GHz	6.65	13.35

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

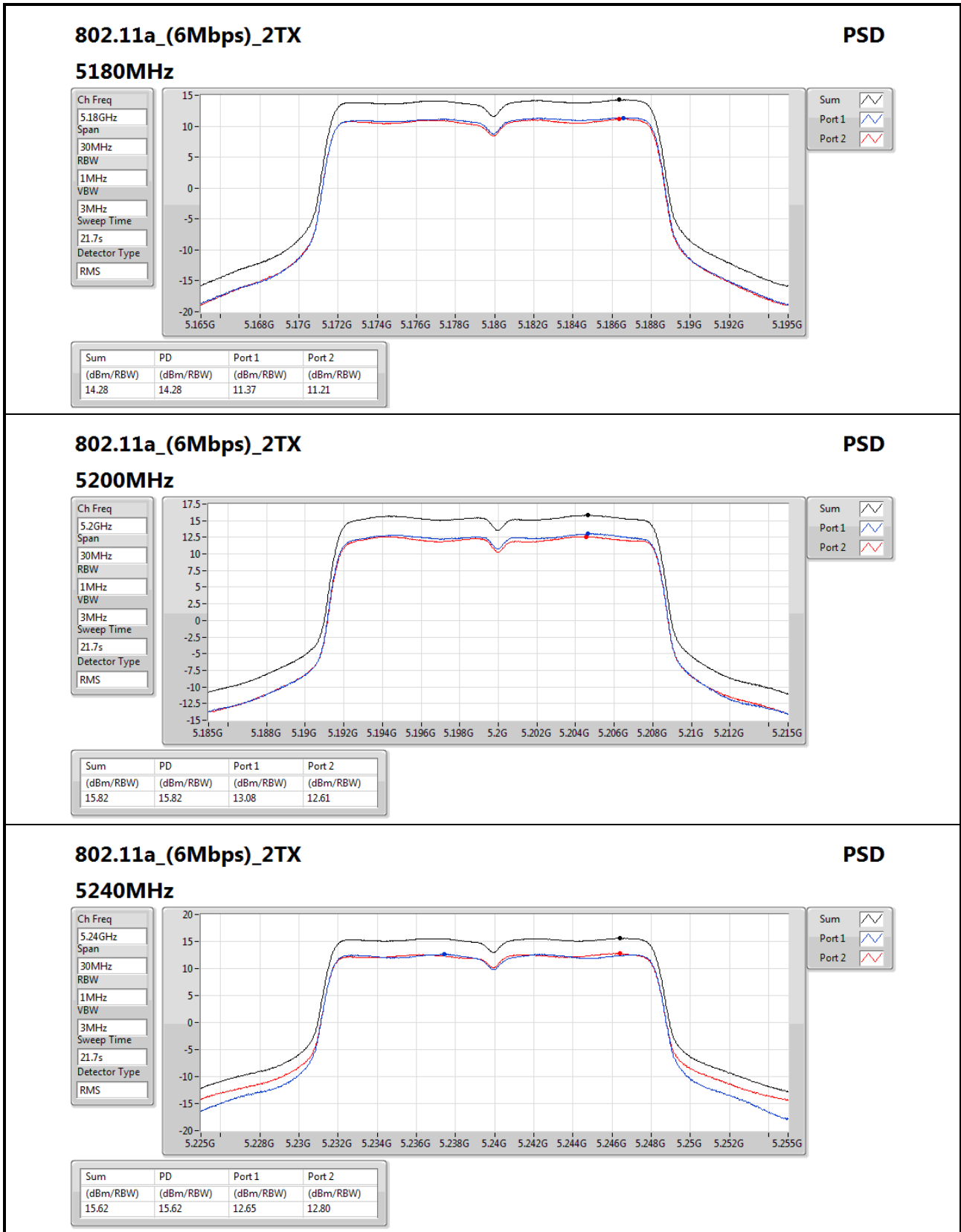


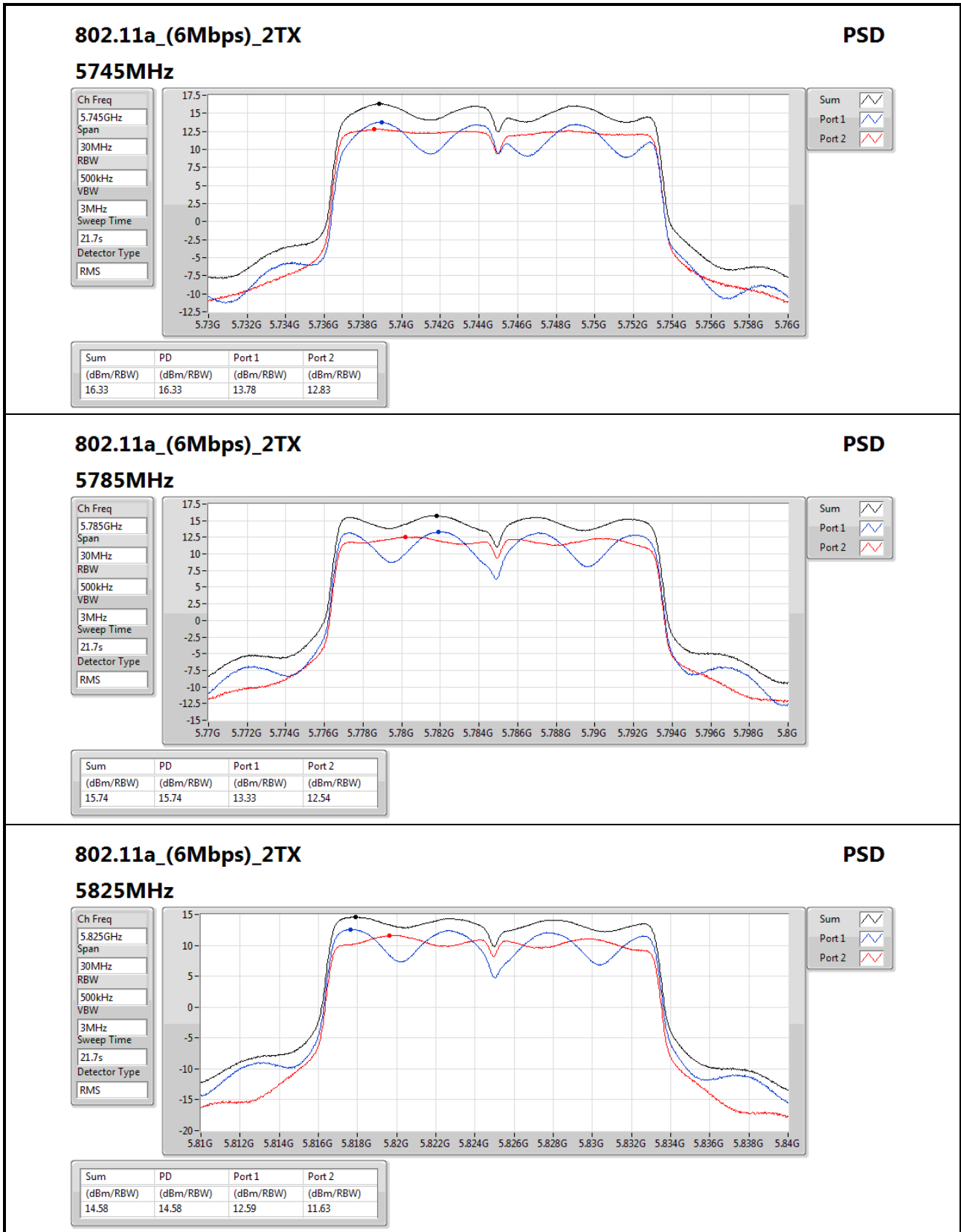
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.16	11.37	11.21	14.28	15.84	21.44	Inf
5200MHz	Pass	7.16	13.08	12.61	15.82	15.84	22.98	Inf
5240MHz	Pass	7.16	12.65	12.80	15.62	15.84	22.78	Inf
5745MHz	Pass	6.70	13.78	12.83	16.33	29.30	23.03	Inf
5785MHz	Pass	6.70	13.33	12.54	15.74	29.30	22.44	Inf
5825MHz	Pass	6.70	12.59	11.63	14.58	29.30	21.28	Inf
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.16	10.82	10.62	13.70	15.84	20.86	Inf
5200MHz	Pass	7.16	12.68	12.64	15.65	15.84	22.81	Inf
5240MHz	Pass	7.16	12.60	12.97	15.78	15.84	22.94	Inf
5745MHz	Pass	6.70	13.17	12.05	15.59	29.30	22.29	Inf
5785MHz	Pass	6.70	12.48	11.81	14.92	29.30	21.62	Inf
5825MHz	Pass	6.70	12.19	10.68	14.13	29.30	20.83	Inf
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.16	3.82	3.45	6.64	15.84	13.80	Inf
5230MHz	Pass	7.16	9.40	9.23	12.31	15.84	19.47	Inf
5755MHz	Pass	6.70	9.97	8.82	12.42	29.30	19.12	Inf
5795MHz	Pass	6.70	9.61	8.90	11.89	29.30	18.59	Inf
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.16	-3.14	-2.81	-0.01	15.84	7.15	Inf
5775MHz	Pass	6.70	4.38	2.91	6.65	29.30	13.35	Inf

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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




802.11a_(6Mbps)_2TX
PSD
5825MHz

Ch Freq
5.825GHz

Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
21.7s

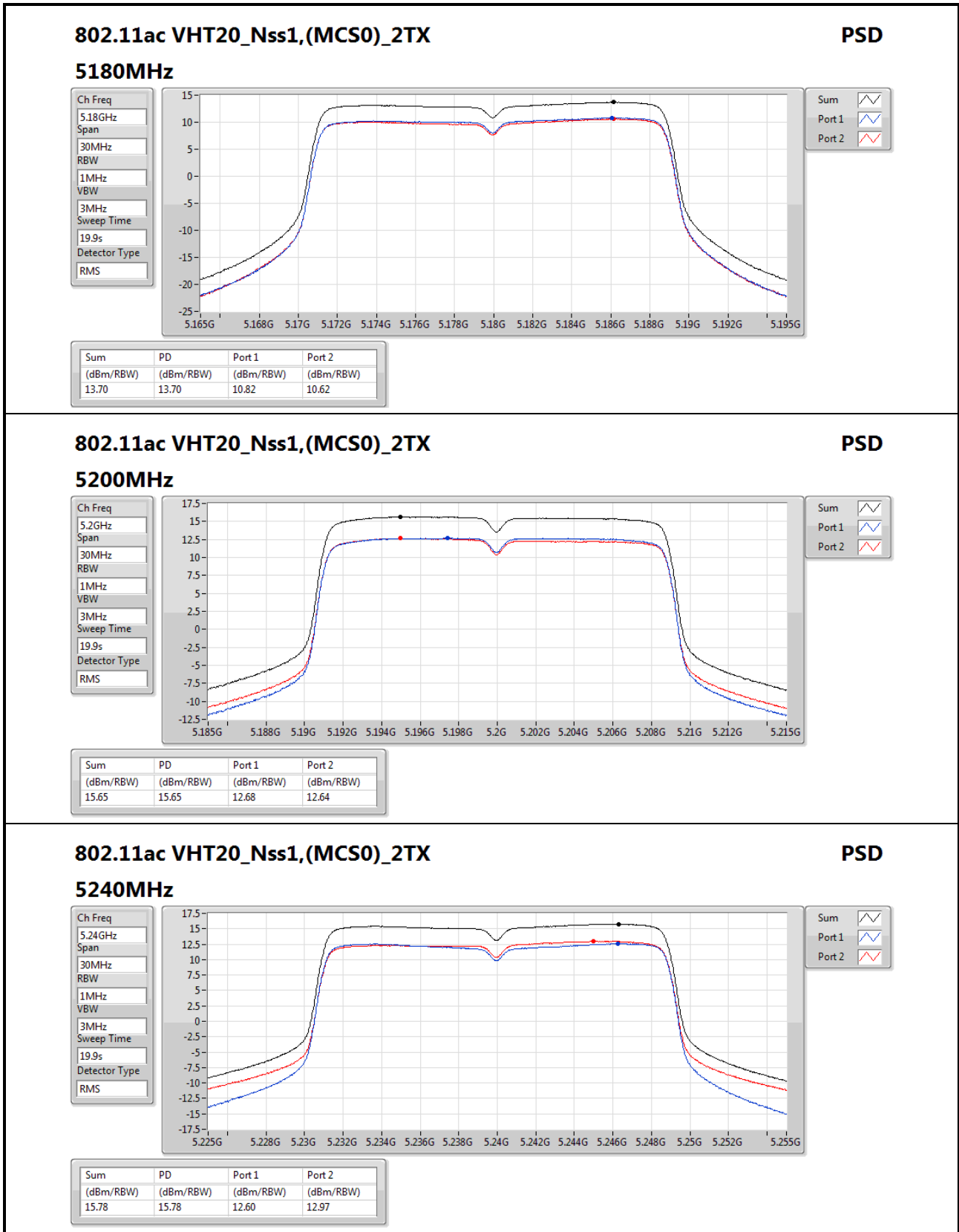
Detector Type
RMS

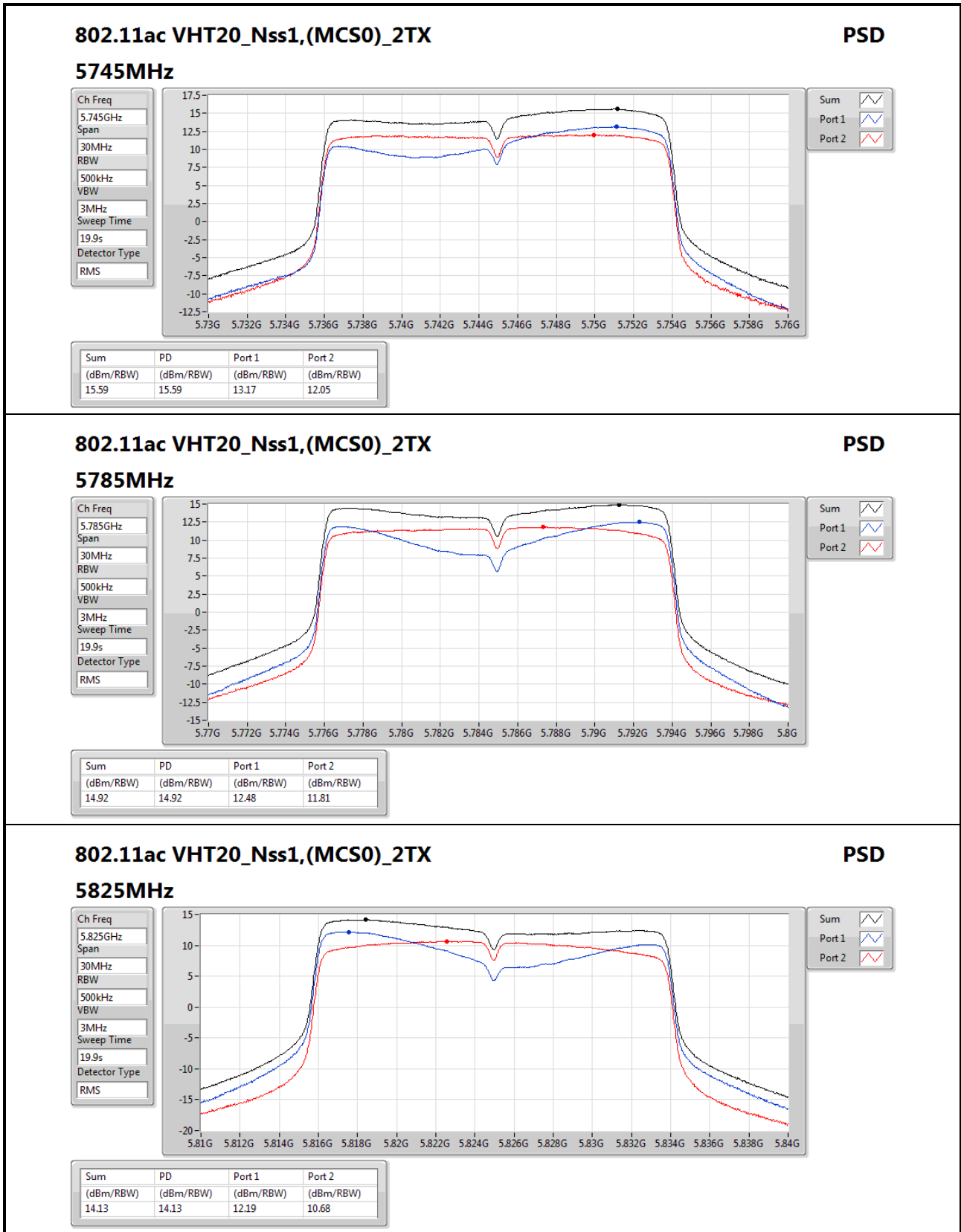
Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.58	14.58	12.59	11.63




802.11ac VHT20_Nss1,(MCS0)_2TX
PSD
5825MHz

Ch Freq
5.825GHz

Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
19.9s

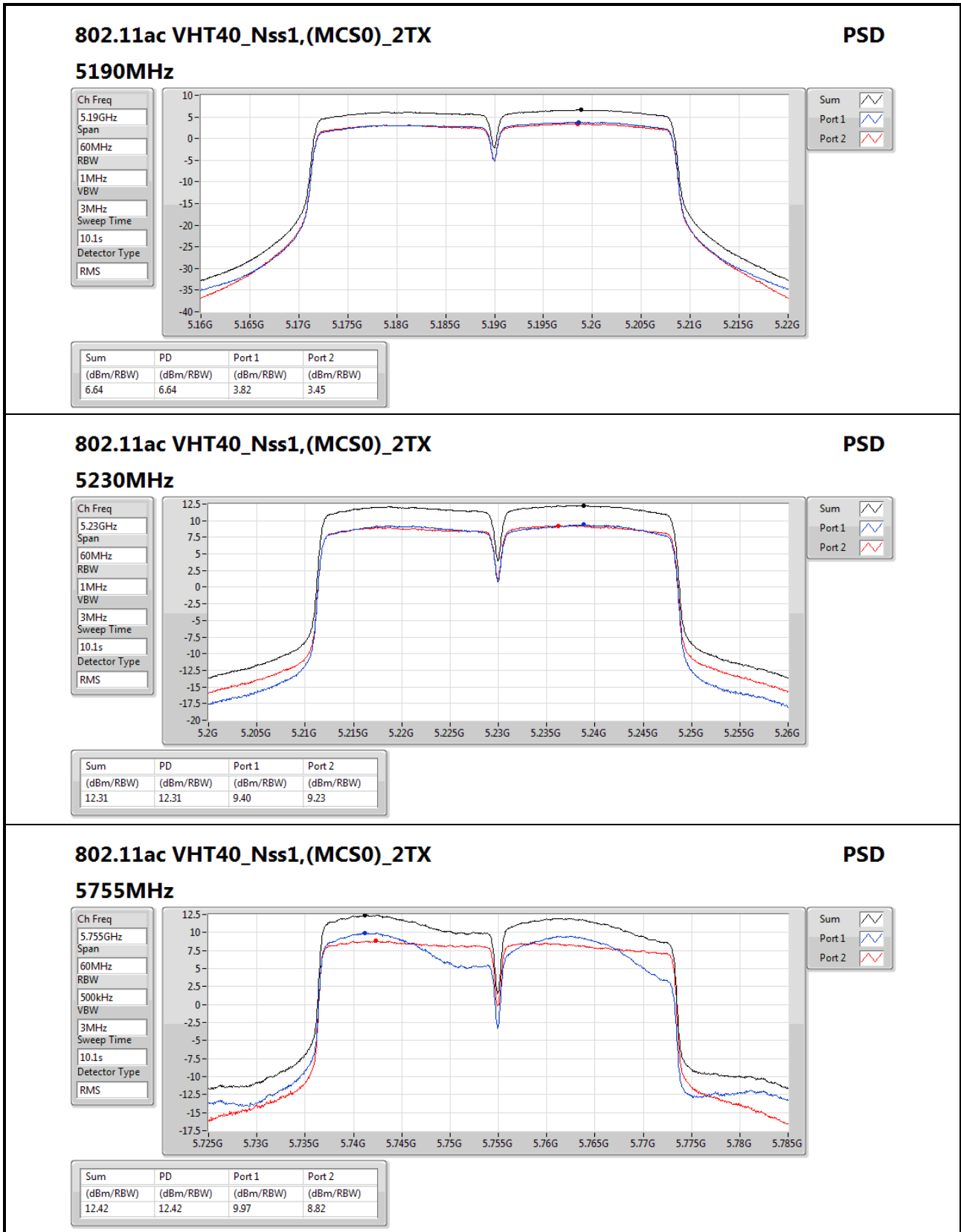
Detector Type
RMS

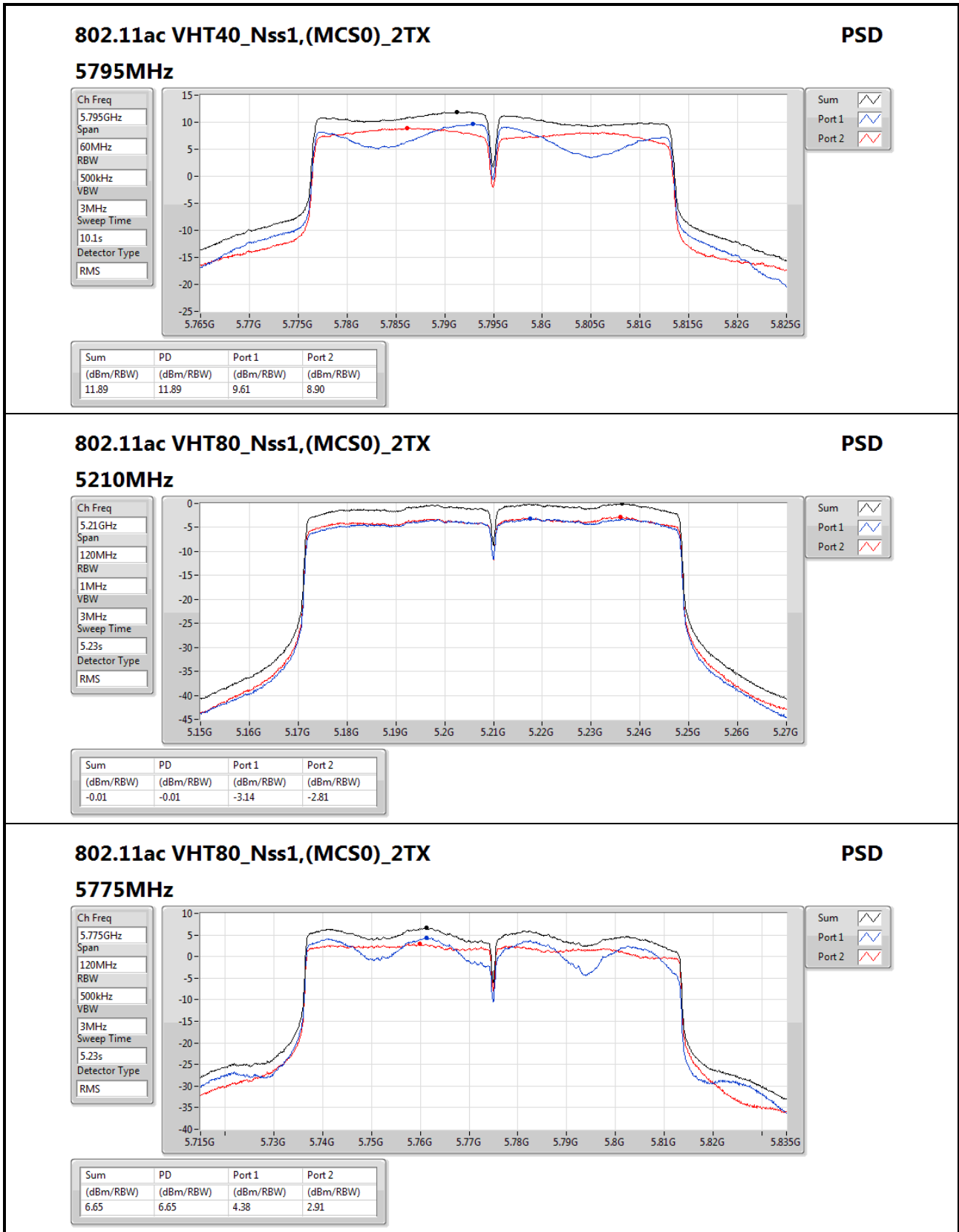


Sum

Port 1

Port 2







Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	86.26M	36.43	40.00	-3.57	-13.33	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	150.28M	27.53	43.50	-15.97	-10.45	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	183.26M	24.86	43.50	-18.64	-11.25	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	299.66M	24.80	46.00	-21.20	-6.42	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	375.32M	31.41	46.00	-14.59	-4.67	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	625.58M	31.32	46.00	-14.68	-0.91	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	35.82M	32.97	40.00	-7.03	-7.10	3	V	0	1.00	-
5.725-5.85GHz	Pass	PK	156.1M	27.48	43.50	-16.02	-10.45	3	V	0	1.00	-
5.725-5.85GHz	Pass	PK	375.32M	27.22	46.00	-18.78	-4.67	3	V	0	1.00	-
5.725-5.85GHz	Pass	PK	499.48M	26.50	46.00	-19.50	-2.52	3	V	0	1.00	-
5.725-5.85GHz	Pass	PK	625.58M	28.90	46.00	-17.10	-0.91	3	V	0	1.00	-
5.725-5.85GHz	Pass	QP	86.26M	34.51	40.00	-5.49	-13.33	3	V	185	1.55	-
5.725-5.85GHz	Pass	PK	37.76M	34.83	40.00	-5.17	-8.08	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	51.34M	26.92	40.00	-13.08	-13.87	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	249.22M	32.66	46.00	-13.34	-7.56	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	375.32M	33.59	46.00	-12.41	-4.67	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	625.58M	33.77	46.00	-12.23	-0.91	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	875.84M	34.55	46.00	-11.45	2.66	3	H	360	1.00	-
5.725-5.85GHz	Pass	PK	49.4M	34.96	40.00	-5.04	-13.42	3	V	0	1.00	-
5.725-5.85GHz	Pass	PK	249.22M	25.34	46.00	-20.66	-7.56	3	V	0	1.00	-
5.725-5.85GHz	Pass	PK	375.32M	32.24	46.00	-13.76	-4.67	3	V	0	1.00	-
5.725-5.85GHz	Pass	PK	625.58M	30.07	46.00	-15.93	-0.91	3	V	0	1.00	-
5.725-5.85GHz	Pass	PK	1G	35.92	74.00	-38.08	3.89	3	V	0	1.00	-
5.725-5.85GHz	Pass	QP	37.76M	36.74	40.00	-3.26	-8.08	3	V	245	1.00	-

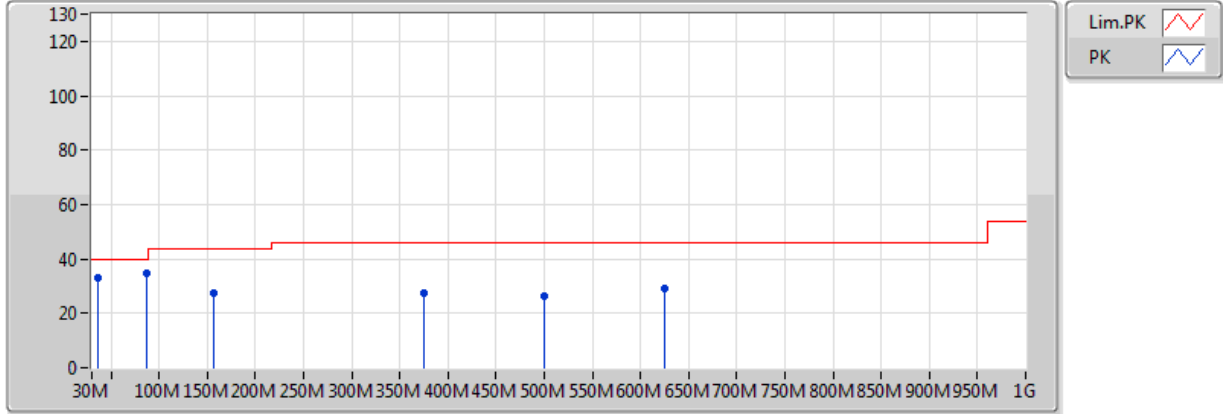


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	86.26M	36.43	40.00	-3.57	-13.33	3	H	360	1.00	-
5775MHz	Pass	PK	150.28M	27.53	43.50	-15.97	-10.45	3	H	360	1.00	-
5775MHz	Pass	PK	183.26M	24.86	43.50	-18.64	-11.25	3	H	360	1.00	-
5775MHz	Pass	PK	299.66M	24.80	46.00	-21.20	-6.42	3	H	360	1.00	-
5775MHz	Pass	PK	375.32M	31.41	46.00	-14.59	-4.67	3	H	360	1.00	-
5775MHz	Pass	PK	625.58M	31.32	46.00	-14.68	-0.91	3	H	360	1.00	-
5775MHz	Pass	PK	35.82M	32.97	40.00	-7.03	-7.10	3	V	0	1.00	-
5775MHz	Pass	PK	156.1M	27.48	43.50	-16.02	-10.45	3	V	0	1.00	-
5775MHz	Pass	PK	375.32M	27.22	46.00	-18.78	-4.67	3	V	0	1.00	-
5775MHz	Pass	PK	499.48M	26.50	46.00	-19.50	-2.52	3	V	0	1.00	-
5775MHz	Pass	PK	625.58M	28.90	46.00	-17.10	-0.91	3	V	0	1.00	-
5775MHz	Pass	QP	86.26M	34.51	40.00	-5.49	-13.33	3	V	185	1.55	-
5775MHz	Pass	PK	37.76M	34.83	40.00	-5.17	-8.08	3	H	360	1.00	-
5775MHz	Pass	PK	51.34M	26.92	40.00	-13.08	-13.87	3	H	360	1.00	-
5775MHz	Pass	PK	249.22M	32.66	46.00	-13.34	-7.56	3	H	360	1.00	-
5775MHz	Pass	PK	375.32M	33.59	46.00	-12.41	-4.67	3	H	360	1.00	-
5775MHz	Pass	PK	625.58M	33.77	46.00	-12.23	-0.91	3	H	360	1.00	-
5775MHz	Pass	PK	875.84M	34.55	46.00	-11.45	2.66	3	H	360	1.00	-
5775MHz	Pass	PK	49.4M	34.96	40.00	-5.04	-13.42	3	V	0	1.00	-
5775MHz	Pass	PK	249.22M	25.34	46.00	-20.66	-7.56	3	V	0	1.00	-
5775MHz	Pass	PK	375.32M	32.24	46.00	-13.76	-4.67	3	V	0	1.00	-
5775MHz	Pass	PK	625.58M	30.07	46.00	-15.93	-0.91	3	V	0	1.00	-
5775MHz	Pass	PK	1G	35.92	74.00	-38.08	3.89	3	V	0	1.00	-
5775MHz	Pass	QP	37.76M	36.74	40.00	-3.26	-8.08	3	V	245	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_Adapter

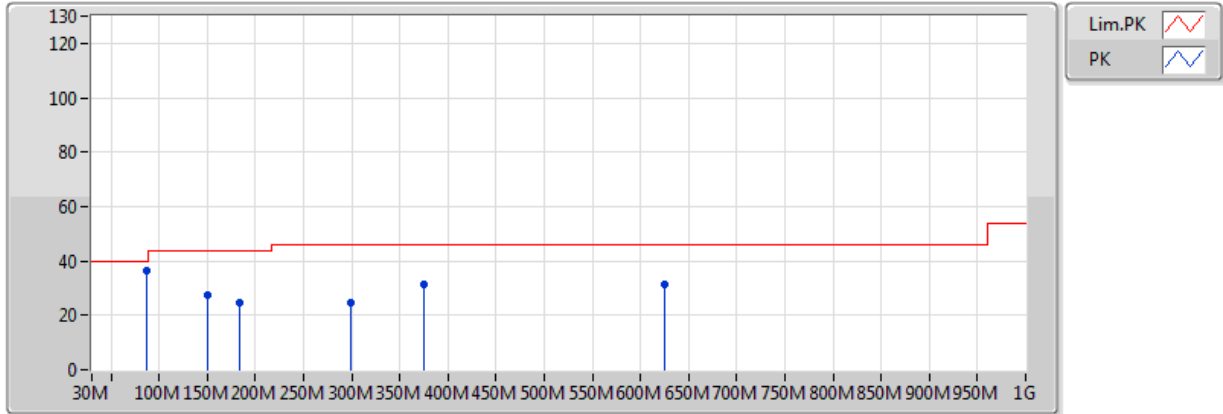


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	35.82M	32.97	40.00	-7.03	-7.10	3	V	0	1.00	-
PK	156.1M	27.48	43.50	-16.02	-10.45	3	V	0	1.00	-
PK	375.32M	27.22	46.00	-18.78	-4.67	3	V	0	1.00	-
PK	499.48M	26.50	46.00	-19.50	-2.52	3	V	0	1.00	-
PK	625.58M	28.90	46.00	-17.10	-0.91	3	V	0	1.00	-
QP	86.26M	34.51	40.00	-5.49	-13.33	3	V	185	1.55	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_Adapter

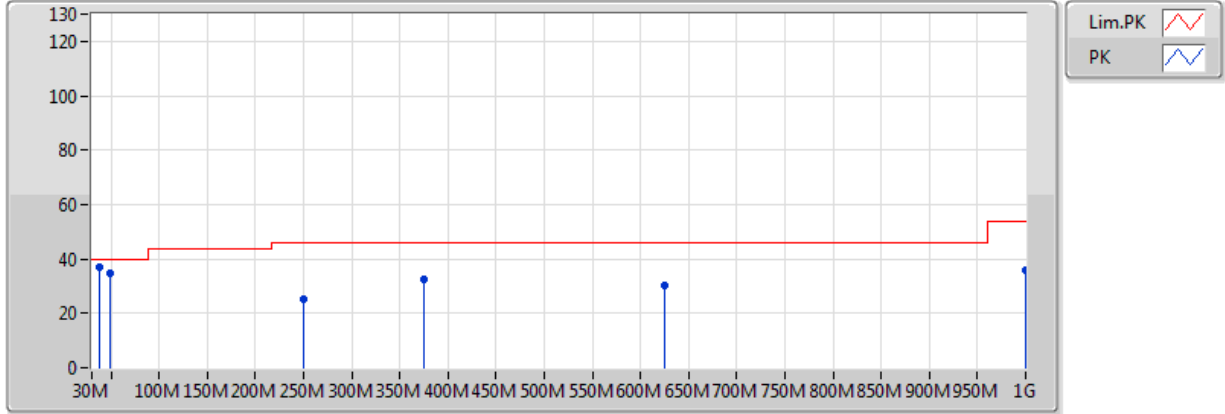


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	86.26M	36.43	40.00	-3.57	-13.33	3	H	360	1.00	-
PK	150.28M	27.53	43.50	-15.97	-10.45	3	H	360	1.00	-
PK	183.26M	24.86	43.50	-18.64	-11.25	3	H	360	1.00	-
PK	299.66M	24.80	46.00	-21.20	-6.42	3	H	360	1.00	-
PK	375.32M	31.41	46.00	-14.59	-4.67	3	H	360	1.00	-
PK	625.58M	31.32	46.00	-14.68	-0.91	3	H	360	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_PoE

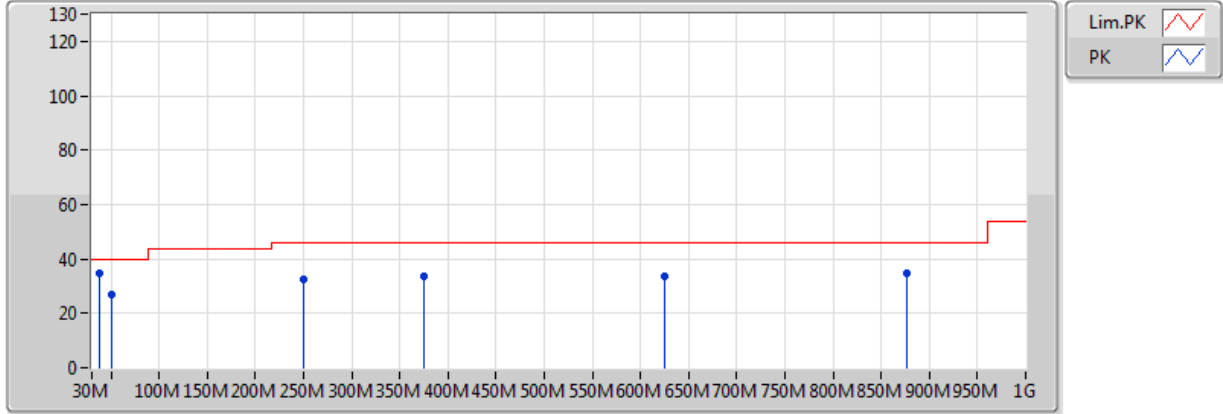


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	49.4M	34.96	40.00	-5.04	-13.42	3	V	0	1.00	-
PK	249.22M	25.34	46.00	-20.66	-7.56	3	V	0	1.00	-
PK	375.32M	32.24	46.00	-13.76	-4.67	3	V	0	1.00	-
PK	625.58M	30.07	46.00	-15.93	-0.91	3	V	0	1.00	-
PK	1G	35.92	74.00	-38.08	3.89	3	V	0	1.00	-
QP	37.76M	36.74	40.00	-3.26	-8.08	3	V	245	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_PoE



EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	37.76M	34.83	40.00	-5.17	-8.08	3	H	360	1.00	-
PK	51.34M	26.92	40.00	-13.08	-13.87	3	H	360	1.00	-
PK	249.22M	32.66	46.00	-13.34	-7.56	3	H	360	1.00	-
PK	375.32M	33.59	46.00	-12.41	-4.67	3	H	360	1.00	-
PK	625.58M	33.77	46.00	-12.23	-0.91	3	H	360	1.00	-
PK	875.84M	34.55	46.00	-11.45	2.66	3	H	360	1.00	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.149995G	53.35	54.00	-0.65	5.44	3	H	194	1.62	-
5.15-5.25GHz	Pass	AV	5.1868G	106.35	Inf	-Inf	5.52	3	H	194	1.62	-
5.15-5.25GHz	Pass	AV	15.54G	47.25	54.00	-6.75	15.52	3	H	41	1.78	-
5.15-5.25GHz	Pass	PK	5.147G	70.26	74.00	-3.74	5.43	3	H	194	1.62	-
5.15-5.25GHz	Pass	PK	5.1868G	117.87	Inf	-Inf	5.52	3	H	194	1.62	-
5.15-5.25GHz	Pass	PK	15.54G	61.69	74.00	-12.31	15.52	3	H	41	1.78	-
5.15-5.25GHz	Pass	AV	5.149995G	50.78	54.00	-3.22	5.44	3	V	67	2.26	-
5.15-5.25GHz	Pass	AV	5.1864G	101.46	Inf	-Inf	5.52	3	V	67	2.26	-
5.15-5.25GHz	Pass	AV	15.54G	47.88	54.00	-6.12	15.52	3	V	215	1.72	-
5.15-5.25GHz	Pass	PK	5.1466G	66.91	74.00	-7.09	5.43	3	V	67	2.26	-
5.15-5.25GHz	Pass	PK	5.1864G	111.86	Inf	-Inf	5.52	3	V	67	2.26	-
5.15-5.25GHz	Pass	PK	15.54G	61.94	74.00	-12.06	15.52	3	V	215	1.72	-
5.15-5.25GHz	Pass	AV	5.149995G	49.56	54.00	-4.44	5.44	3	H	194	1.49	-
5.15-5.25GHz	Pass	AV	5.2024G	108.20	Inf	-Inf	5.55	3	H	194	1.49	-
5.15-5.25GHz	Pass	PK	5.1472G	63.18	74.00	-10.82	5.43	3	H	194	1.49	-
5.15-5.25GHz	Pass	PK	5.2076G	119.47	Inf	-Inf	5.56	3	H	194	1.49	-
5.15-5.25GHz	Pass	AV	5.1496G	46.22	54.00	-7.78	5.44	3	V	66	3.03	-
5.15-5.25GHz	Pass	AV	5.2056G	102.82	Inf	-Inf	5.56	3	V	66	3.03	-
5.15-5.25GHz	Pass	PK	5.1496G	58.38	74.00	-15.62	5.44	3	V	66	3.03	-
5.15-5.25GHz	Pass	PK	5.2052G	113.98	Inf	-Inf	5.56	3	V	66	3.03	-
5.15-5.25GHz	Pass	AV	15.6G	46.58	54.00	-7.42	15.52	3	H	215	2.39	-
5.15-5.25GHz	Pass	PK	15.6G	59.71	74.00	-14.29	15.52	3	H	215	2.39	-
5.15-5.25GHz	Pass	AV	15.6G	47.70	54.00	-6.30	15.52	3	V	341	1.09	-
5.15-5.25GHz	Pass	PK	15.6G	61.11	74.00	-12.89	15.52	3	V	341	1.09	-
5.15-5.25GHz	Pass	AV	5.1476G	46.38	54.00	-7.62	5.43	3	H	194	1.81	-
5.15-5.25GHz	Pass	AV	5.2328G	108.15	Inf	-Inf	5.58	3	H	194	1.81	-
5.15-5.25GHz	Pass	AV	5.3732G	45.72	54.00	-8.28	5.81	3	H	194	1.81	-
5.15-5.25GHz	Pass	PK	5.1434G	58.60	74.00	-15.40	5.43	3	H	194	1.81	-
5.15-5.25GHz	Pass	PK	5.2328G	118.85	Inf	-Inf	5.58	3	H	194	1.81	-
5.15-5.25GHz	Pass	PK	5.3552G	58.02	74.00	-15.98	5.77	3	H	194	1.81	-
5.15-5.25GHz	Pass	AV	5.1482G	45.45	54.00	-8.55	5.44	3	V	65	1.99	-
5.15-5.25GHz	Pass	AV	5.2364G	101.69	Inf	-Inf	5.59	3	V	65	1.99	-
5.15-5.25GHz	Pass	AV	5.39G	45.45	54.00	-8.55	5.85	3	V	65	1.99	-
5.15-5.25GHz	Pass	PK	5.1278G	57.98	74.00	-16.02	5.39	3	V	65	1.99	-
5.15-5.25GHz	Pass	PK	5.2364G	112.53	Inf	-Inf	5.59	3	V	65	1.99	-
5.15-5.25GHz	Pass	PK	5.3828G	57.80	74.00	-16.20	5.83	3	V	65	1.99	-
5.15-5.25GHz	Pass	AV	15.72G	45.12	54.00	-8.88	15.52	3	H	153	1.22	-
5.15-5.25GHz	Pass	PK	15.72G	58.99	74.00	-15.01	15.52	3	H	153	1.22	-
5.15-5.25GHz	Pass	AV	15.72G	45.19	54.00	-8.81	15.52	3	V	298	2.30	-
5.15-5.25GHz	Pass	PK	15.72G	58.58	74.00	-15.42	15.52	3	V	298	2.30	-
5.725-5.85GHz	Pass	AV	5.7498G	109.65	Inf	-Inf	6.40	3	H	329	3.69	-
5.725-5.85GHz	Pass	AV	11.49G	45.43	54.00	-8.57	12.03	3	H	290	1.05	-
5.725-5.85GHz	Pass	PK	5.565G	61.66	68.20	-6.54	6.18	3	H	329	3.69	-
5.725-5.85GHz	Pass	PK	5.7402G	120.04	Inf	-Inf	6.39	3	H	329	3.69	-
5.725-5.85GHz	Pass	PK	5.973G	58.99	68.20	-9.21	6.68	3	H	329	3.69	-
5.725-5.85GHz	Pass	PK	11.49G	59.39	74.00	-14.61	12.03	3	H	290	1.05	-
5.725-5.85GHz	Pass	AV	5.7486G	105.24	Inf	-Inf	6.40	3	V	66	3.44	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	Pass	AV	11.49G	50.82	54.00	-3.18	12.03	3	V	54	2.43	-
5.725-5.85GHz	Pass	PK	5.5362G	59.13	68.20	-9.07	6.13	3	V	66	3.44	-
5.725-5.85GHz	Pass	PK	5.7486G	115.76	Inf	-Inf	6.40	3	V	66	3.44	-
5.725-5.85GHz	Pass	PK	5.9346G	58.40	68.20	-9.80	6.62	3	V	66	3.44	-
5.725-5.85GHz	Pass	PK	11.49G	65.07	74.00	-8.93	12.03	3	V	54	2.43	-
5.725-5.85GHz	Pass	AV	5.791G	109.28	Inf	-Inf	6.42	3	H	331	1.07	-
5.725-5.85GHz	Pass	AV	11.57G	42.09	54.00	-11.91	12.14	3	H	232	2.21	-
5.725-5.85GHz	Pass	PK	5.569G	62.15	68.20	-6.05	6.18	3	H	331	1.07	-
5.725-5.85GHz	Pass	PK	5.791G	119.73	Inf	-Inf	6.42	3	H	331	1.07	-
5.725-5.85GHz	Pass	PK	5.959G	59.30	68.20	-8.90	6.66	3	H	331	1.07	-
5.725-5.85GHz	Pass	PK	11.57G	56.04	74.00	-17.96	12.14	3	H	232	2.21	-
5.725-5.85GHz	Pass	AV	5.7778G	104.64	Inf	-Inf	6.42	3	V	62	3.58	-
5.725-5.85GHz	Pass	AV	11.57G	48.35	54.00	-5.65	12.14	3	V	69	1.85	-
5.725-5.85GHz	Pass	PK	5.6146G	59.20	68.20	-9.00	6.25	3	V	62	3.58	-
5.725-5.85GHz	Pass	PK	5.7778G	114.48	Inf	-Inf	6.42	3	V	62	3.58	-
5.725-5.85GHz	Pass	PK	5.9398G	58.64	68.20	-9.56	6.63	3	V	62	3.58	-
5.725-5.85GHz	Pass	PK	11.57G	62.14	74.00	-11.86	12.14	3	V	69	1.85	-
5.725-5.85GHz	Pass	AV	5.8202G	110.39	Inf	-Inf	6.46	3	H	341	3.58	-
5.725-5.85GHz	Pass	AV	11.65G	43.90	54.00	-10.10	12.24	3	H	254	1.01	-
5.725-5.85GHz	Pass	PK	5.5274G	63.60	68.20	-4.60	6.12	3	H	341	3.58	-
5.725-5.85GHz	Pass	PK	5.8214G	120.61	Inf	-Inf	6.46	3	H	341	3.58	-
5.725-5.85GHz	Pass	PK	5.9402G	59.38	68.20	-8.82	6.63	3	H	341	3.58	-
5.725-5.85GHz	Pass	PK	11.65G	56.77	74.00	-17.23	12.24	3	H	254	1.01	-
5.725-5.85GHz	Pass	AV	5.8202G	105.48	Inf	-Inf	6.46	3	V	219	3.51	-
5.725-5.85GHz	Pass	AV	11.65G	46.04	54.00	-7.96	12.24	3	V	84	2.33	-
5.725-5.85GHz	Pass	PK	5.5526G	60.39	68.20	-7.81	6.16	3	V	219	3.51	-
5.725-5.85GHz	Pass	PK	5.8214G	115.68	Inf	-Inf	6.46	3	V	219	3.51	-
5.725-5.85GHz	Pass	PK	5.9678G	58.76	68.20	-9.44	6.67	3	V	219	3.51	-
5.725-5.85GHz	Pass	PK	11.65G	59.86	74.00	-14.14	12.24	3	V	84	2.33	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.149995G	53.13	54.00	-0.87	5.44	3	H	192	3.06	-
5.15-5.25GHz	Pass	AV	5.1872G	105.06	Inf	-Inf	5.52	3	H	192	3.06	-
5.15-5.25GHz	Pass	AV	15.54G	47.17	54.00	-6.83	15.52	3	H	54	1.73	-
5.15-5.25GHz	Pass	PK	5.1488G	68.99	74.00	-5.01	5.44	3	H	192	3.06	-
5.15-5.25GHz	Pass	PK	5.188G	115.15	Inf	-Inf	5.52	3	H	192	3.06	-
5.15-5.25GHz	Pass	PK	15.54G	61.26	74.00	-12.74	15.52	3	H	54	1.73	-
5.15-5.25GHz	Pass	AV	5.1484G	49.12	54.00	-4.88	5.44	3	V	66	2.64	-
5.15-5.25GHz	Pass	AV	5.1836G	100.29	Inf	-Inf	5.51	3	V	66	2.64	-
5.15-5.25GHz	Pass	AV	15.54G	47.39	54.00	-6.61	15.52	3	V	315	1.62	-
5.15-5.25GHz	Pass	PK	5.1466G	64.40	74.00	-9.60	5.43	3	V	66	2.64	-
5.15-5.25GHz	Pass	PK	5.183G	110.45	Inf	-Inf	5.51	3	V	66	2.64	-
5.15-5.25GHz	Pass	PK	15.54G	61.49	74.00	-12.51	15.52	3	V	315	1.62	-
5.15-5.25GHz	Pass	AV	5.149995G	49.50	54.00	-4.50	5.44	3	H	195	1.50	-
5.15-5.25GHz	Pass	AV	5.2028G	108.13	Inf	-Inf	5.55	3	H	195	1.50	-
5.15-5.25GHz	Pass	AV	15.6G	46.62	54.00	-7.38	15.52	3	H	99	2.26	-
5.15-5.25GHz	Pass	PK	5.1492G	62.32	74.00	-11.68	5.44	3	H	195	1.50	-
5.15-5.25GHz	Pass	PK	5.202G	118.72	Inf	-Inf	5.55	3	H	195	1.50	-
5.15-5.25GHz	Pass	PK	15.6G	60.31	74.00	-13.69	15.52	3	H	99	2.26	-
5.15-5.25GHz	Pass	AV	5.148G	47.12	54.00	-6.88	5.44	3	V	67	2.49	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	Pass	AV	5.1936G	103.11	Inf	-Inf	5.54	3	V	67	2.49	-
5.15-5.25GHz	Pass	AV	15.6G	47.47	54.00	-6.53	15.52	3	V	129	1.47	-
5.15-5.25GHz	Pass	PK	5.1484G	61.04	74.00	-12.96	5.44	3	V	67	2.49	-
5.15-5.25GHz	Pass	PK	5.1924G	113.85	Inf	-Inf	5.53	3	V	67	2.49	-
5.15-5.25GHz	Pass	PK	15.6G	61.26	74.00	-12.74	15.52	3	V	129	1.47	-
5.15-5.25GHz	Pass	AV	5.147G	46.36	54.00	-7.64	5.43	3	H	195	1.79	-
5.15-5.25GHz	Pass	AV	5.2328G	108.18	Inf	-Inf	5.58	3	H	195	1.79	-
5.15-5.25GHz	Pass	AV	5.3744G	45.57	54.00	-8.43	5.81	3	H	195	1.79	-
5.15-5.25GHz	Pass	AV	15.72G	45.10	54.00	-8.90	15.52	3	H	32	2.21	-
5.15-5.25GHz	Pass	PK	5.1404G	59.13	74.00	-14.87	5.42	3	H	195	1.79	-
5.15-5.25GHz	Pass	PK	5.2322G	118.46	Inf	-Inf	5.58	3	H	195	1.79	-
5.15-5.25GHz	Pass	PK	5.39G	57.94	74.00	-16.06	5.85	3	H	195	1.79	-
5.15-5.25GHz	Pass	PK	15.72G	59.03	74.00	-14.97	15.52	3	H	32	2.21	-
5.15-5.25GHz	Pass	AV	5.12G	45.36	54.00	-8.64	5.37	3	V	64	2.03	-
5.15-5.25GHz	Pass	AV	5.2448G	100.42	Inf	-Inf	5.59	3	V	64	2.03	-
5.15-5.25GHz	Pass	AV	5.384G	45.59	54.00	-8.41	5.83	3	V	64	2.03	-
5.15-5.25GHz	Pass	AV	15.72G	45.18	54.00	-8.82	15.52	3	V	194	1.60	-
5.15-5.25GHz	Pass	PK	5.1314G	58.77	74.00	-15.23	5.40	3	V	64	2.03	-
5.15-5.25GHz	Pass	PK	5.246G	110.65	Inf	-Inf	5.60	3	V	64	2.03	-
5.15-5.25GHz	Pass	PK	5.372G	59.15	74.00	-14.85	5.81	3	V	64	2.03	-
5.15-5.25GHz	Pass	PK	15.72G	59.15	74.00	-14.85	15.52	3	V	194	1.60	-
5.725-5.85GHz	Pass	AV	5.7486G	109.64	Inf	-Inf	6.40	3	H	333	1.03	-
5.725-5.85GHz	Pass	AV	11.49G	45.02	54.00	-8.98	12.03	3	H	304	1.29	-
5.725-5.85GHz	Pass	PK	5.583G	61.70	68.20	-6.50	6.20	3	H	333	1.03	-
5.725-5.85GHz	Pass	PK	5.7462G	119.83	Inf	-Inf	6.40	3	H	333	1.03	-
5.725-5.85GHz	Pass	PK	5.9814G	58.56	68.20	-9.64	6.69	3	H	333	1.03	-
5.725-5.85GHz	Pass	PK	11.49G	59.09	74.00	-14.91	12.03	3	H	304	1.29	-
5.725-5.85GHz	Pass	AV	5.7486G	109.22	Inf	-Inf	6.40	3	V	259	3.57	-
5.725-5.85GHz	Pass	AV	11.49G	52.03	54.00	-1.97	12.03	3	V	273	1.79	-
5.725-5.85GHz	Pass	PK	5.517G	61.47	68.20	-6.73	6.11	3	V	259	3.57	-
5.725-5.85GHz	Pass	PK	5.7402G	119.48	Inf	-Inf	6.39	3	V	259	3.57	-
5.725-5.85GHz	Pass	PK	5.9838G	58.10	68.20	-10.10	6.70	3	V	259	3.57	-
5.725-5.85GHz	Pass	PK	11.49G	66.49	74.00	-7.51	12.03	3	V	273	1.79	-
5.725-5.85GHz	Pass	AV	5.791G	109.11	Inf	-Inf	6.42	3	H	327	1.06	-
5.725-5.85GHz	Pass	PK	5.5822G	62.45	68.20	-5.75	6.20	3	H	327	1.06	-
5.725-5.85GHz	Pass	PK	5.7898G	119.61	Inf	-Inf	6.42	3	H	327	1.06	-
5.725-5.85GHz	Pass	PK	5.947G	59.75	68.20	-8.45	6.64	3	H	327	1.06	-
5.725-5.85GHz	Pass	AV	5.7778G	103.84	Inf	-Inf	6.42	3	V	62	3.58	-
5.725-5.85GHz	Pass	PK	5.5702G	59.41	68.20	-8.79	6.19	3	V	62	3.58	-
5.725-5.85GHz	Pass	PK	5.7766G	113.86	Inf	-Inf	6.42	3	V	62	3.58	-
5.725-5.85GHz	Pass	PK	5.9638G	58.40	68.20	-9.80	6.67	3	V	62	3.58	-
5.725-5.85GHz	Pass	AV	11.57G	41.67	54.00	-12.33	12.14	3	H	27	2.49	-
5.725-5.85GHz	Pass	PK	11.57G	55.17	74.00	-18.83	12.14	3	H	27	2.49	-
5.725-5.85GHz	Pass	AV	11.57G	48.09	54.00	-5.91	12.14	3	V	323	1.65	-
5.725-5.85GHz	Pass	PK	11.57G	62.35	74.00	-11.65	12.14	3	V	323	1.65	-
5.725-5.85GHz	Pass	AV	5.8178G	109.15	Inf	-Inf	6.45	3	H	322	3.12	-
5.725-5.85GHz	Pass	PK	5.621G	62.24	68.20	-5.96	6.26	3	H	322	3.12	-
5.725-5.85GHz	Pass	PK	5.819G	119.10	Inf	-Inf	6.46	3	H	322	3.12	-
5.725-5.85GHz	Pass	PK	5.9498G	59.35	68.20	-8.85	6.64	3	H	322	3.12	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	Pass	AV	5.819G	105.93	Inf	-Inf	6.46	3	V	220	3.50	-
5.725-5.85GHz	Pass	PK	5.5634G	60.42	68.20	-7.78	6.18	3	V	220	3.50	-
5.725-5.85GHz	Pass	PK	5.819G	116.01	Inf	-Inf	6.46	3	V	220	3.50	-
5.725-5.85GHz	Pass	PK	5.975G	58.49	68.20	-9.71	6.68	3	V	220	3.50	-
5.725-5.85GHz	Pass	AV	11.65G	42.84	54.00	-11.16	12.24	3	H	312	1.84	-
5.725-5.85GHz	Pass	PK	11.65G	56.71	74.00	-17.29	12.24	3	H	312	1.84	-
5.725-5.85GHz	Pass	AV	11.65G	44.44	54.00	-9.56	12.24	3	V	357	2.18	-
5.725-5.85GHz	Pass	PK	11.65G	58.35	74.00	-15.65	12.24	3	V	357	2.18	-
802.11ac VHT40_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.149995G	53.40	54.00	-0.60	5.44	3	H	195	1.50	-
5.15-5.25GHz	Pass	AV	5.192G	98.14	Inf	-Inf	5.53	3	H	195	1.50	-
5.15-5.25GHz	Pass	PK	5.1496G	66.94	74.00	-7.06	5.44	3	H	195	1.50	-
5.15-5.25GHz	Pass	PK	5.1924G	107.86	Inf	-Inf	5.53	3	H	195	1.50	-
5.15-5.25GHz	Pass	AV	5.1472G	48.39	54.00	-5.61	5.43	3	V	65	2.65	-
5.15-5.25GHz	Pass	AV	5.1836G	92.10	Inf	-Inf	5.51	3	V	65	2.65	-
5.15-5.25GHz	Pass	PK	5.1476G	61.99	74.00	-12.01	5.43	3	V	65	2.65	-
5.15-5.25GHz	Pass	PK	5.1836G	103.81	Inf	-Inf	5.51	3	V	65	2.65	-
5.15-5.25GHz	Pass	AV	15.57G	47.43	54.00	-6.57	15.52	3	H	144	1.26	-
5.15-5.25GHz	Pass	PK	15.57G	60.24	74.00	-13.76	15.52	3	H	144	1.26	-
5.15-5.25GHz	Pass	AV	15.57G	47.35	54.00	-6.65	15.52	3	V	259	2.10	-
5.15-5.25GHz	Pass	PK	15.57G	60.21	74.00	-13.79	15.52	3	V	259	2.10	-
5.15-5.25GHz	Pass	AV	5.1492G	53.28	54.00	-0.72	5.44	3	H	195	1.80	-
5.15-5.25GHz	Pass	AV	5.2328G	106.58	Inf	-Inf	5.58	3	H	195	1.80	-
5.15-5.25GHz	Pass	AV	15.69G	46.03	54.00	-7.97	15.52	3	H	356	1.20	-
5.15-5.25GHz	Pass	PK	5.1488G	66.15	74.00	-7.85	5.44	3	H	195	1.80	-
5.15-5.25GHz	Pass	PK	5.2316G	116.62	Inf	-Inf	5.58	3	H	195	1.80	-
5.15-5.25GHz	Pass	PK	15.69G	59.25	74.00	-14.75	15.52	3	H	356	1.20	-
5.15-5.25GHz	Pass	AV	5.144G	48.46	54.00	-5.54	5.43	3	V	65	1.98	-
5.15-5.25GHz	Pass	AV	5.226G	99.19	Inf	-Inf	5.58	3	V	65	1.98	-
5.15-5.25GHz	Pass	AV	15.69G	46.23	54.00	-7.77	15.52	3	V	4	1.01	-
5.15-5.25GHz	Pass	PK	5.1476G	61.51	74.00	-12.49	5.43	3	V	65	1.98	-
5.15-5.25GHz	Pass	PK	5.226G	109.46	Inf	-Inf	5.58	3	V	65	1.98	-
5.15-5.25GHz	Pass	PK	15.69G	59.88	74.00	-14.12	15.52	3	V	4	1.01	-
5.725-5.85GHz	Pass	AV	5.749G	105.49	Inf	-Inf	6.40	3	H	331	1.01	-
5.725-5.85GHz	Pass	PK	5.6494G	64.30	68.20	-3.90	6.30	3	H	331	1.01	-
5.725-5.85GHz	Pass	PK	5.7454G	117.29	Inf	-Inf	6.40	3	H	331	1.01	-
5.725-5.85GHz	Pass	PK	5.9734G	58.62	68.20	-9.58	6.68	3	H	331	1.01	-
5.725-5.85GHz	Pass	AV	5.7478G	104.35	Inf	-Inf	6.40	3	V	259	3.54	-
5.725-5.85GHz	Pass	PK	5.647G	65.11	68.20	-3.09	6.30	3	V	259	3.54	-
5.725-5.85GHz	Pass	PK	5.767G	115.92	Inf	-Inf	6.41	3	V	259	3.54	-
5.725-5.85GHz	Pass	PK	5.989G	58.91	68.20	-9.29	6.70	3	V	259	3.54	-
5.725-5.85GHz	Pass	AV	11.51G	41.82	54.00	-12.18	12.06	3	H	186	1.50	-
5.725-5.85GHz	Pass	PK	11.51G	55.64	74.00	-18.36	12.06	3	H	186	1.50	-
5.725-5.85GHz	Pass	AV	11.51G	46.21	54.00	-7.79	12.06	3	V	330	1.74	-
5.725-5.85GHz	Pass	PK	11.51G	60.27	74.00	-13.73	12.06	3	V	330	1.74	-
5.725-5.85GHz	Pass	AV	5.7902G	105.08	Inf	-Inf	6.42	3	H	330	1.06	-
5.725-5.85GHz	Pass	PK	5.6438G	62.51	68.20	-5.69	6.29	3	H	330	1.06	-
5.725-5.85GHz	Pass	PK	5.7902G	116.60	Inf	-Inf	6.42	3	H	330	1.06	-
5.725-5.85GHz	Pass	PK	5.969G	59.18	68.20	-9.02	6.67	3	H	330	1.06	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	Pass	AV	5.7926G	99.52	Inf	-Inf	6.43	3	V	323	3.61	-
5.725-5.85GHz	Pass	PK	5.537G	60.77	68.20	-7.43	6.14	3	V	323	3.61	-
5.725-5.85GHz	Pass	PK	5.7914G	111.18	Inf	-Inf	6.42	3	V	323	3.61	-
5.725-5.85GHz	Pass	PK	5.9306G	58.12	68.20	-10.08	6.62	3	V	323	3.61	-
5.725-5.85GHz	Pass	AV	11.59G	40.99	54.00	-13.01	12.16	3	H	186	1.52	-
5.725-5.85GHz	Pass	PK	11.59G	55.04	74.00	-18.96	12.16	3	H	186	1.52	-
5.725-5.85GHz	Pass	AV	11.59G	43.22	54.00	-10.78	12.16	3	V	314	1.01	-
5.725-5.85GHz	Pass	PK	11.59G	57.45	74.00	-16.55	12.16	3	V	314	1.01	-
802.11ac VHT80_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.149995G	53.16	54.00	-0.84	5.44	3	H	196	1.80	-
5.15-5.25GHz	Pass	AV	5.232G	93.24	Inf	-Inf	5.58	3	H	196	1.80	-
5.15-5.25GHz	Pass	AV	5.419G	46.46	54.00	-7.54	5.91	3	H	196	1.80	-
5.15-5.25GHz	Pass	AV	15.63G	47.36	54.00	-6.64	15.52	3	H	226	2.28	-
5.15-5.25GHz	Pass	PK	5.149995G	67.85	74.00	-6.15	5.44	3	H	196	1.80	-
5.15-5.25GHz	Pass	PK	5.232G	102.53	Inf	-Inf	5.58	3	H	196	1.80	-
5.15-5.25GHz	Pass	PK	5.389G	57.76	74.00	-16.24	5.85	3	H	196	1.80	-
5.15-5.25GHz	Pass	PK	15.63G	60.27	74.00	-13.73	15.52	3	H	226	2.28	-
5.15-5.25GHz	Pass	AV	5.144G	48.64	54.00	-5.36	5.43	3	V	65	1.98	-
5.15-5.25GHz	Pass	AV	5.226G	86.60	Inf	-Inf	5.58	3	V	65	1.98	-
5.15-5.25GHz	Pass	AV	5.448G	46.52	54.00	-7.48	5.97	3	V	65	1.98	-
5.15-5.25GHz	Pass	AV	15.63G	47.57	54.00	-6.43	15.52	3	V	306	1.27	-
5.15-5.25GHz	Pass	PK	5.144G	61.31	74.00	-12.69	5.43	3	V	65	1.98	-
5.15-5.25GHz	Pass	PK	5.199G	97.84	Inf	-Inf	5.55	3	V	65	1.98	-
5.15-5.25GHz	Pass	PK	5.421G	58.79	74.00	-15.21	5.91	3	V	65	1.98	-
5.15-5.25GHz	Pass	PK	15.63G	59.80	74.00	-14.20	15.52	3	V	306	1.27	-
5.725-5.85GHz	Pass	AV	5.763G	102.47	Inf	-Inf	6.41	3	H	323	3.66	-
5.725-5.85GHz	Pass	AV	11.55G	39.35	54.00	-14.65	12.11	3	H	185	1.50	-
5.725-5.85GHz	Pass	PK	5.6406G	67.29	68.20	-0.91	6.29	3	H	323	3.66	-
5.725-5.85GHz	Pass	PK	5.7618G	113.44	Inf	-Inf	6.41	3	H	323	3.66	-
5.725-5.85GHz	Pass	PK	5.925G	60.54	68.20	-7.66	6.61	3	H	323	3.66	-
5.725-5.85GHz	Pass	PK	11.55G	53.00	74.00	-21.00	12.11	3	H	185	1.50	-
5.725-5.85GHz	Pass	AV	5.7786G	100.62	Inf	-Inf	6.42	3	V	261	3.69	-
5.725-5.85GHz	Pass	AV	11.55G	42.21	54.00	-11.79	12.11	3	V	256	1.01	-
5.725-5.85GHz	Pass	PK	5.6406G	64.57	68.20	-3.63	6.29	3	V	261	3.69	-
5.725-5.85GHz	Pass	PK	5.7786G	111.35	Inf	-Inf	6.42	3	V	261	3.69	-
5.725-5.85GHz	Pass	PK	5.9502G	59.27	68.20	-8.93	6.65	3	V	261	3.69	-
5.725-5.85GHz	Pass	PK	11.55G	57.87	74.00	-16.13	12.11	3	V	256	1.01	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.35	54.00	-0.65	5.44	3	H	194	1.62	-
5180MHz	Pass	AV	5.1868G	106.35	Inf	-Inf	5.52	3	H	194	1.62	-
5180MHz	Pass	AV	15.54G	47.25	54.00	-6.75	15.52	3	H	41	1.78	-
5180MHz	Pass	PK	5.147G	70.26	74.00	-3.74	5.43	3	H	194	1.62	-
5180MHz	Pass	PK	5.1868G	117.87	Inf	-Inf	5.52	3	H	194	1.62	-
5180MHz	Pass	PK	15.54G	61.69	74.00	-12.31	15.52	3	H	41	1.78	-
5180MHz	Pass	AV	5.149995G	50.78	54.00	-3.22	5.44	3	V	67	2.26	-
5180MHz	Pass	AV	5.1864G	101.46	Inf	-Inf	5.52	3	V	67	2.26	-
5180MHz	Pass	AV	15.54G	47.88	54.00	-6.12	15.52	3	V	215	1.72	-
5180MHz	Pass	PK	5.1466G	66.91	74.00	-7.09	5.43	3	V	67	2.26	-
5180MHz	Pass	PK	5.1864G	111.86	Inf	-Inf	5.52	3	V	67	2.26	-
5180MHz	Pass	PK	15.54G	61.94	74.00	-12.06	15.52	3	V	215	1.72	-
5200MHz	Pass	AV	5.149995G	49.56	54.00	-4.44	5.44	3	H	194	1.49	-
5200MHz	Pass	AV	5.2024G	108.20	Inf	-Inf	5.55	3	H	194	1.49	-
5200MHz	Pass	PK	5.1472G	63.18	74.00	-10.82	5.43	3	H	194	1.49	-
5200MHz	Pass	PK	5.2076G	119.47	Inf	-Inf	5.56	3	H	194	1.49	-
5200MHz	Pass	AV	5.1496G	46.22	54.00	-7.78	5.44	3	V	66	3.03	-
5200MHz	Pass	AV	5.2056G	102.82	Inf	-Inf	5.56	3	V	66	3.03	-
5200MHz	Pass	PK	5.1496G	58.38	74.00	-15.62	5.44	3	V	66	3.03	-
5200MHz	Pass	PK	5.2052G	113.98	Inf	-Inf	5.56	3	V	66	3.03	-
5200MHz	Pass	AV	15.6G	46.58	54.00	-7.42	15.52	3	H	215	2.39	-
5200MHz	Pass	PK	15.6G	59.71	74.00	-14.29	15.52	3	H	215	2.39	-
5200MHz	Pass	AV	15.6G	47.70	54.00	-6.30	15.52	3	V	341	1.09	-
5200MHz	Pass	PK	15.6G	61.11	74.00	-12.89	15.52	3	V	341	1.09	-
5240MHz	Pass	AV	5.1476G	46.38	54.00	-7.62	5.43	3	H	194	1.81	-
5240MHz	Pass	AV	5.2328G	108.15	Inf	-Inf	5.58	3	H	194	1.81	-
5240MHz	Pass	AV	5.3732G	45.72	54.00	-8.28	5.81	3	H	194	1.81	-
5240MHz	Pass	PK	5.1434G	58.60	74.00	-15.40	5.43	3	H	194	1.81	-
5240MHz	Pass	PK	5.2328G	118.85	Inf	-Inf	5.58	3	H	194	1.81	-
5240MHz	Pass	PK	5.3552G	58.02	74.00	-15.98	5.77	3	H	194	1.81	-
5240MHz	Pass	AV	5.1482G	45.45	54.00	-8.55	5.44	3	V	65	1.99	-
5240MHz	Pass	AV	5.2364G	101.69	Inf	-Inf	5.59	3	V	65	1.99	-
5240MHz	Pass	AV	5.39G	45.45	54.00	-8.55	5.85	3	V	65	1.99	-
5240MHz	Pass	PK	5.1278G	57.98	74.00	-16.02	5.39	3	V	65	1.99	-
5240MHz	Pass	PK	5.2364G	112.53	Inf	-Inf	5.59	3	V	65	1.99	-
5240MHz	Pass	PK	5.3828G	57.80	74.00	-16.20	5.83	3	V	65	1.99	-
5240MHz	Pass	AV	15.72G	45.12	54.00	-8.88	15.52	3	H	153	1.22	-
5240MHz	Pass	PK	15.72G	58.99	74.00	-15.01	15.52	3	H	153	1.22	-
5240MHz	Pass	AV	15.72G	45.19	54.00	-8.81	15.52	3	V	298	2.30	-
5240MHz	Pass	PK	15.72G	58.58	74.00	-15.42	15.52	3	V	298	2.30	-
5745MHz	Pass	AV	5.7498G	109.65	Inf	-Inf	6.40	3	H	329	3.69	-
5745MHz	Pass	AV	11.49G	45.43	54.00	-8.57	12.03	3	H	290	1.05	-
5745MHz	Pass	PK	5.565G	61.66	68.20	-6.54	6.18	3	H	329	3.69	-
5745MHz	Pass	PK	5.7402G	120.04	Inf	-Inf	6.39	3	H	329	3.69	-
5745MHz	Pass	PK	5.973G	58.99	68.20	-9.21	6.68	3	H	329	3.69	-
5745MHz	Pass	PK	11.49G	59.39	74.00	-14.61	12.03	3	H	290	1.05	-
5745MHz	Pass	AV	5.7486G	105.24	Inf	-Inf	6.40	3	V	66	3.44	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	AV	11.49G	50.82	54.00	-3.18	12.03	3	V	54	2.43	-
5745MHz	Pass	PK	5.5362G	59.13	68.20	-9.07	6.13	3	V	66	3.44	-
5745MHz	Pass	PK	5.7486G	115.76	Inf	-Inf	6.40	3	V	66	3.44	-
5745MHz	Pass	PK	5.9346G	58.40	68.20	-9.80	6.62	3	V	66	3.44	-
5745MHz	Pass	PK	11.49G	65.07	74.00	-8.93	12.03	3	V	54	2.43	-
5785MHz	Pass	AV	5.791G	109.28	Inf	-Inf	6.42	3	H	331	1.07	-
5785MHz	Pass	AV	11.57G	42.09	54.00	-11.91	12.14	3	H	232	2.21	-
5785MHz	Pass	PK	5.569G	62.15	68.20	-6.05	6.18	3	H	331	1.07	-
5785MHz	Pass	PK	5.791G	119.73	Inf	-Inf	6.42	3	H	331	1.07	-
5785MHz	Pass	PK	5.959G	59.30	68.20	-8.90	6.66	3	H	331	1.07	-
5785MHz	Pass	PK	11.57G	56.04	74.00	-17.96	12.14	3	H	232	2.21	-
5785MHz	Pass	AV	5.7778G	104.64	Inf	-Inf	6.42	3	V	62	3.58	-
5785MHz	Pass	AV	11.57G	48.35	54.00	-5.65	12.14	3	V	69	1.85	-
5785MHz	Pass	PK	5.6146G	59.20	68.20	-9.00	6.25	3	V	62	3.58	-
5785MHz	Pass	PK	5.7778G	114.48	Inf	-Inf	6.42	3	V	62	3.58	-
5785MHz	Pass	PK	5.9398G	58.64	68.20	-9.56	6.63	3	V	62	3.58	-
5785MHz	Pass	PK	11.57G	62.14	74.00	-11.86	12.14	3	V	69	1.85	-
5825MHz	Pass	AV	5.8202G	110.39	Inf	-Inf	6.46	3	H	341	3.58	-
5825MHz	Pass	AV	11.65G	43.90	54.00	-10.10	12.24	3	H	254	1.01	-
5825MHz	Pass	PK	5.5274G	63.60	68.20	-4.60	6.12	3	H	341	3.58	-
5825MHz	Pass	PK	5.8214G	120.61	Inf	-Inf	6.46	3	H	341	3.58	-
5825MHz	Pass	PK	5.9402G	59.38	68.20	-8.82	6.63	3	H	341	3.58	-
5825MHz	Pass	PK	11.65G	56.77	74.00	-17.23	12.24	3	H	254	1.01	-
5825MHz	Pass	AV	5.8202G	105.48	Inf	-Inf	6.46	3	V	219	3.51	-
5825MHz	Pass	AV	11.65G	46.04	54.00	-7.96	12.24	3	V	84	2.33	-
5825MHz	Pass	PK	5.5526G	60.39	68.20	-7.81	6.16	3	V	219	3.51	-
5825MHz	Pass	PK	5.8214G	115.68	Inf	-Inf	6.46	3	V	219	3.51	-
5825MHz	Pass	PK	5.9678G	58.76	68.20	-9.44	6.67	3	V	219	3.51	-
5825MHz	Pass	PK	11.65G	59.86	74.00	-14.14	12.24	3	V	84	2.33	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.13	54.00	-0.87	5.44	3	H	192	3.06	-
5180MHz	Pass	AV	5.1872G	105.06	Inf	-Inf	5.52	3	H	192	3.06	-
5180MHz	Pass	AV	15.54G	47.17	54.00	-6.83	15.52	3	H	54	1.73	-
5180MHz	Pass	PK	5.1488G	68.99	74.00	-5.01	5.44	3	H	192	3.06	-
5180MHz	Pass	PK	5.188G	115.15	Inf	-Inf	5.52	3	H	192	3.06	-
5180MHz	Pass	PK	15.54G	61.26	74.00	-12.74	15.52	3	H	54	1.73	-
5180MHz	Pass	AV	5.1484G	49.12	54.00	-4.88	5.44	3	V	66	2.64	-
5180MHz	Pass	AV	5.1836G	100.29	Inf	-Inf	5.51	3	V	66	2.64	-
5180MHz	Pass	AV	15.54G	47.39	54.00	-6.61	15.52	3	V	315	1.62	-
5180MHz	Pass	PK	5.1466G	64.40	74.00	-9.60	5.43	3	V	66	2.64	-
5180MHz	Pass	PK	5.183G	110.45	Inf	-Inf	5.51	3	V	66	2.64	-
5180MHz	Pass	PK	15.54G	61.49	74.00	-12.51	15.52	3	V	315	1.62	-
5200MHz	Pass	AV	5.149995G	49.50	54.00	-4.50	5.44	3	H	195	1.50	-
5200MHz	Pass	AV	5.2028G	108.13	Inf	-Inf	5.55	3	H	195	1.50	-
5200MHz	Pass	AV	15.6G	46.62	54.00	-7.38	15.52	3	H	99	2.26	-
5200MHz	Pass	PK	5.1492G	62.32	74.00	-11.68	5.44	3	H	195	1.50	-
5200MHz	Pass	PK	5.202G	118.72	Inf	-Inf	5.55	3	H	195	1.50	-
5200MHz	Pass	PK	15.6G	60.31	74.00	-13.69	15.52	3	H	99	2.26	-
5200MHz	Pass	AV	5.148G	47.12	54.00	-6.88	5.44	3	V	67	2.49	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	AV	5.1936G	103.11	Inf	-Inf	5.54	3	V	67	2.49	-
5200MHz	Pass	AV	15.6G	47.47	54.00	-6.53	15.52	3	V	129	1.47	-
5200MHz	Pass	PK	5.1484G	61.04	74.00	-12.96	5.44	3	V	67	2.49	-
5200MHz	Pass	PK	5.1924G	113.85	Inf	-Inf	5.53	3	V	67	2.49	-
5200MHz	Pass	PK	15.6G	61.26	74.00	-12.74	15.52	3	V	129	1.47	-
5240MHz	Pass	AV	5.147G	46.36	54.00	-7.64	5.43	3	H	195	1.79	-
5240MHz	Pass	AV	5.2328G	108.18	Inf	-Inf	5.58	3	H	195	1.79	-
5240MHz	Pass	AV	5.3744G	45.57	54.00	-8.43	5.81	3	H	195	1.79	-
5240MHz	Pass	AV	15.72G	45.10	54.00	-8.90	15.52	3	H	32	2.21	-
5240MHz	Pass	PK	5.1404G	59.13	74.00	-14.87	5.42	3	H	195	1.79	-
5240MHz	Pass	PK	5.2322G	118.46	Inf	-Inf	5.58	3	H	195	1.79	-
5240MHz	Pass	PK	5.39G	57.94	74.00	-16.06	5.85	3	H	195	1.79	-
5240MHz	Pass	PK	15.72G	59.03	74.00	-14.97	15.52	3	H	32	2.21	-
5240MHz	Pass	AV	5.12G	45.36	54.00	-8.64	5.37	3	V	64	2.03	-
5240MHz	Pass	AV	5.2448G	100.42	Inf	-Inf	5.59	3	V	64	2.03	-
5240MHz	Pass	AV	5.384G	45.59	54.00	-8.41	5.83	3	V	64	2.03	-
5240MHz	Pass	AV	15.72G	45.18	54.00	-8.82	15.52	3	V	194	1.60	-
5240MHz	Pass	PK	5.1314G	58.77	74.00	-15.23	5.40	3	V	64	2.03	-
5240MHz	Pass	PK	5.246G	110.65	Inf	-Inf	5.60	3	V	64	2.03	-
5240MHz	Pass	PK	5.372G	59.15	74.00	-14.85	5.81	3	V	64	2.03	-
5240MHz	Pass	PK	15.72G	59.15	74.00	-14.85	15.52	3	V	194	1.60	-
5745MHz	Pass	AV	5.7486G	109.64	Inf	-Inf	6.40	3	H	333	1.03	-
5745MHz	Pass	AV	11.49G	45.02	54.00	-8.98	12.03	3	H	304	1.29	-
5745MHz	Pass	PK	5.583G	61.70	68.20	-6.50	6.20	3	H	333	1.03	-
5745MHz	Pass	PK	5.7462G	119.83	Inf	-Inf	6.40	3	H	333	1.03	-
5745MHz	Pass	PK	5.9814G	58.56	68.20	-9.64	6.69	3	H	333	1.03	-
5745MHz	Pass	PK	11.49G	59.09	74.00	-14.91	12.03	3	H	304	1.29	-
5745MHz	Pass	AV	5.7486G	109.22	Inf	-Inf	6.40	3	V	259	3.57	-
5745MHz	Pass	AV	11.49G	52.03	54.00	-1.97	12.03	3	V	273	1.79	-
5745MHz	Pass	PK	5.517G	61.47	68.20	-6.73	6.11	3	V	259	3.57	-
5745MHz	Pass	PK	5.7402G	119.48	Inf	-Inf	6.39	3	V	259	3.57	-
5745MHz	Pass	PK	5.9838G	58.10	68.20	-10.10	6.70	3	V	259	3.57	-
5745MHz	Pass	PK	11.49G	66.49	74.00	-7.51	12.03	3	V	273	1.79	-
5785MHz	Pass	AV	5.791G	109.11	Inf	-Inf	6.42	3	H	327	1.06	-
5785MHz	Pass	PK	5.5822G	62.45	68.20	-5.75	6.20	3	H	327	1.06	-
5785MHz	Pass	PK	5.7898G	119.61	Inf	-Inf	6.42	3	H	327	1.06	-
5785MHz	Pass	PK	5.947G	59.75	68.20	-8.45	6.64	3	H	327	1.06	-
5785MHz	Pass	AV	5.7778G	103.84	Inf	-Inf	6.42	3	V	62	3.58	-
5785MHz	Pass	PK	5.5702G	59.41	68.20	-8.79	6.19	3	V	62	3.58	-
5785MHz	Pass	PK	5.7766G	113.86	Inf	-Inf	6.42	3	V	62	3.58	-
5785MHz	Pass	PK	5.9638G	58.40	68.20	-9.80	6.67	3	V	62	3.58	-
5785MHz	Pass	AV	11.57G	41.67	54.00	-12.33	12.14	3	H	27	2.49	-
5785MHz	Pass	PK	11.57G	55.17	74.00	-18.83	12.14	3	H	27	2.49	-
5785MHz	Pass	AV	11.57G	48.09	54.00	-5.91	12.14	3	V	323	1.65	-
5785MHz	Pass	PK	11.57G	62.35	74.00	-11.65	12.14	3	V	323	1.65	-
5825MHz	Pass	AV	5.8178G	109.15	Inf	-Inf	6.45	3	H	322	3.12	-
5825MHz	Pass	PK	5.621G	62.24	68.20	-5.96	6.26	3	H	322	3.12	-
5825MHz	Pass	PK	5.819G	119.10	Inf	-Inf	6.46	3	H	322	3.12	-
5825MHz	Pass	PK	5.9498G	59.35	68.20	-8.85	6.64	3	H	322	3.12	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	AV	5.819G	105.93	Inf	-Inf	6.46	3	V	220	3.50	-
5825MHz	Pass	PK	5.5634G	60.42	68.20	-7.78	6.18	3	V	220	3.50	-
5825MHz	Pass	PK	5.819G	116.01	Inf	-Inf	6.46	3	V	220	3.50	-
5825MHz	Pass	PK	5.975G	58.49	68.20	-9.71	6.68	3	V	220	3.50	-
5825MHz	Pass	AV	11.65G	42.84	54.00	-11.16	12.24	3	H	312	1.84	-
5825MHz	Pass	PK	11.65G	56.71	74.00	-17.29	12.24	3	H	312	1.84	-
5825MHz	Pass	AV	11.65G	44.44	54.00	-9.56	12.24	3	V	357	2.18	-
5825MHz	Pass	PK	11.65G	58.35	74.00	-15.65	12.24	3	V	357	2.18	-
802.11ac VHT40_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	53.40	54.00	-0.60	5.44	3	H	195	1.50	-
5190MHz	Pass	AV	5.192G	98.14	Inf	-Inf	5.53	3	H	195	1.50	-
5190MHz	Pass	PK	5.1496G	66.94	74.00	-7.06	5.44	3	H	195	1.50	-
5190MHz	Pass	PK	5.1924G	107.86	Inf	-Inf	5.53	3	H	195	1.50	-
5190MHz	Pass	AV	5.1472G	48.39	54.00	-5.61	5.43	3	V	65	2.65	-
5190MHz	Pass	AV	5.1836G	92.10	Inf	-Inf	5.51	3	V	65	2.65	-
5190MHz	Pass	PK	5.1476G	61.99	74.00	-12.01	5.43	3	V	65	2.65	-
5190MHz	Pass	PK	5.1836G	103.81	Inf	-Inf	5.51	3	V	65	2.65	-
5190MHz	Pass	AV	15.57G	47.43	54.00	-6.57	15.52	3	H	144	1.26	-
5190MHz	Pass	PK	15.57G	60.24	74.00	-13.76	15.52	3	H	144	1.26	-
5190MHz	Pass	AV	15.57G	47.35	54.00	-6.65	15.52	3	V	259	2.10	-
5190MHz	Pass	PK	15.57G	60.21	74.00	-13.79	15.52	3	V	259	2.10	-
5230MHz	Pass	AV	5.1492G	53.28	54.00	-0.72	5.44	3	H	195	1.80	-
5230MHz	Pass	AV	5.2328G	106.58	Inf	-Inf	5.58	3	H	195	1.80	-
5230MHz	Pass	AV	15.69G	46.03	54.00	-7.97	15.52	3	H	356	1.20	-
5230MHz	Pass	PK	5.1488G	66.15	74.00	-7.85	5.44	3	H	195	1.80	-
5230MHz	Pass	PK	5.2316G	116.62	Inf	-Inf	5.58	3	H	195	1.80	-
5230MHz	Pass	PK	15.69G	59.25	74.00	-14.75	15.52	3	H	356	1.20	-
5230MHz	Pass	AV	5.144G	48.46	54.00	-5.54	5.43	3	V	65	1.98	-
5230MHz	Pass	AV	5.226G	99.19	Inf	-Inf	5.58	3	V	65	1.98	-
5230MHz	Pass	AV	15.69G	46.23	54.00	-7.77	15.52	3	V	4	1.01	-
5230MHz	Pass	PK	5.1476G	61.51	74.00	-12.49	5.43	3	V	65	1.98	-
5230MHz	Pass	PK	5.226G	109.46	Inf	-Inf	5.58	3	V	65	1.98	-
5230MHz	Pass	PK	15.69G	59.88	74.00	-14.12	15.52	3	V	4	1.01	-
5755MHz	Pass	AV	5.749G	105.49	Inf	-Inf	6.40	3	H	331	1.01	-
5755MHz	Pass	PK	5.6494G	64.30	68.20	-3.90	6.30	3	H	331	1.01	-
5755MHz	Pass	PK	5.7454G	117.29	Inf	-Inf	6.40	3	H	331	1.01	-
5755MHz	Pass	PK	5.9734G	58.62	68.20	-9.58	6.68	3	H	331	1.01	-
5755MHz	Pass	AV	5.7478G	104.35	Inf	-Inf	6.40	3	V	259	3.54	-
5755MHz	Pass	PK	5.647G	65.11	68.20	-3.09	6.30	3	V	259	3.54	-
5755MHz	Pass	PK	5.767G	115.92	Inf	-Inf	6.41	3	V	259	3.54	-
5755MHz	Pass	PK	5.989G	58.91	68.20	-9.29	6.70	3	V	259	3.54	-
5755MHz	Pass	AV	11.51G	41.82	54.00	-12.18	12.06	3	H	186	1.50	-
5755MHz	Pass	PK	11.51G	55.64	74.00	-18.36	12.06	3	H	186	1.50	-
5755MHz	Pass	AV	11.51G	46.21	54.00	-7.79	12.06	3	V	330	1.74	-
5755MHz	Pass	PK	11.51G	60.27	74.00	-13.73	12.06	3	V	330	1.74	-
5795MHz	Pass	AV	5.7902G	105.08	Inf	-Inf	6.42	3	H	330	1.06	-
5795MHz	Pass	PK	5.6438G	62.51	68.20	-5.69	6.29	3	H	330	1.06	-
5795MHz	Pass	PK	5.7902G	116.60	Inf	-Inf	6.42	3	H	330	1.06	-
5795MHz	Pass	PK	5.969G	59.18	68.20	-9.02	6.67	3	H	330	1.06	-



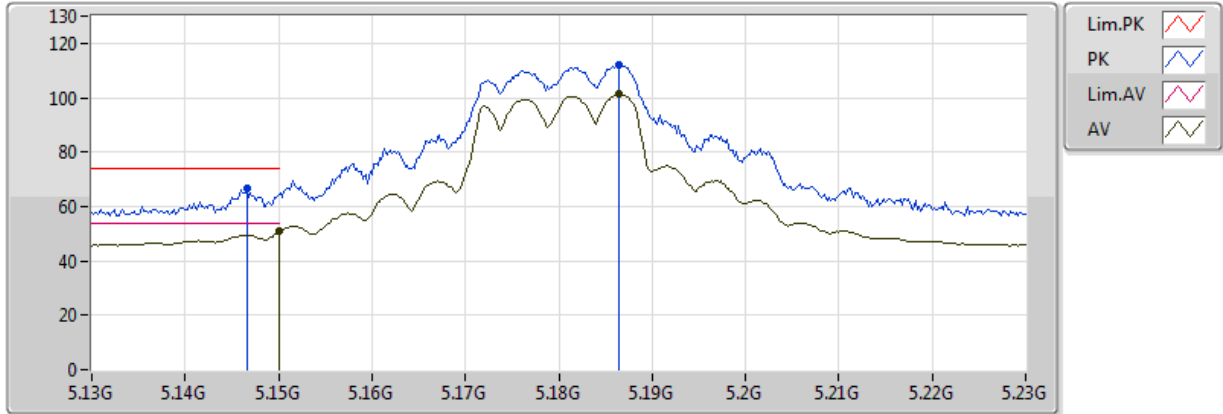
RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	AV	5.7926G	99.52	Inf	-Inf	6.43	3	V	323	3.61	-
5795MHz	Pass	PK	5.537G	60.77	68.20	-7.43	6.14	3	V	323	3.61	-
5795MHz	Pass	PK	5.7914G	111.18	Inf	-Inf	6.42	3	V	323	3.61	-
5795MHz	Pass	PK	5.9306G	58.12	68.20	-10.08	6.62	3	V	323	3.61	-
5795MHz	Pass	AV	11.59G	40.99	54.00	-13.01	12.16	3	H	186	1.52	-
5795MHz	Pass	PK	11.59G	55.04	74.00	-18.96	12.16	3	H	186	1.52	-
5795MHz	Pass	AV	11.59G	43.22	54.00	-10.78	12.16	3	V	314	1.01	-
5795MHz	Pass	PK	11.59G	57.45	74.00	-16.55	12.16	3	V	314	1.01	-
802.11ac VHT80_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149995G	53.16	54.00	-0.84	5.44	3	H	196	1.80	-
5210MHz	Pass	AV	5.232G	93.24	Inf	-Inf	5.58	3	H	196	1.80	-
5210MHz	Pass	AV	5.419G	46.46	54.00	-7.54	5.91	3	H	196	1.80	-
5210MHz	Pass	AV	15.63G	47.36	54.00	-6.64	15.52	3	H	226	2.28	-
5210MHz	Pass	PK	5.149995G	67.85	74.00	-6.15	5.44	3	H	196	1.80	-
5210MHz	Pass	PK	5.232G	102.53	Inf	-Inf	5.58	3	H	196	1.80	-
5210MHz	Pass	PK	5.389G	57.76	74.00	-16.24	5.85	3	H	196	1.80	-
5210MHz	Pass	PK	15.63G	60.27	74.00	-13.73	15.52	3	H	226	2.28	-
5210MHz	Pass	AV	5.144G	48.64	54.00	-5.36	5.43	3	V	65	1.98	-
5210MHz	Pass	AV	5.226G	86.60	Inf	-Inf	5.58	3	V	65	1.98	-
5210MHz	Pass	AV	5.448G	46.52	54.00	-7.48	5.97	3	V	65	1.98	-
5210MHz	Pass	AV	15.63G	47.57	54.00	-6.43	15.52	3	V	306	1.27	-
5210MHz	Pass	PK	5.144G	61.31	74.00	-12.69	5.43	3	V	65	1.98	-
5210MHz	Pass	PK	5.199G	97.84	Inf	-Inf	5.55	3	V	65	1.98	-
5210MHz	Pass	PK	5.421G	58.79	74.00	-15.21	5.91	3	V	65	1.98	-
5210MHz	Pass	PK	15.63G	59.80	74.00	-14.20	15.52	3	V	306	1.27	-
5775MHz	Pass	AV	5.763G	102.47	Inf	-Inf	6.41	3	H	323	3.66	-
5775MHz	Pass	AV	11.55G	39.35	54.00	-14.65	12.11	3	H	185	1.50	-
5775MHz	Pass	PK	5.6406G	67.29	68.20	-0.91	6.29	3	H	323	3.66	-
5775MHz	Pass	PK	5.7618G	113.44	Inf	-Inf	6.41	3	H	323	3.66	-
5775MHz	Pass	PK	5.925G	60.54	68.20	-7.66	6.61	3	H	323	3.66	-
5775MHz	Pass	PK	11.55G	53.00	74.00	-21.00	12.11	3	H	185	1.50	-
5775MHz	Pass	AV	5.7786G	100.62	Inf	-Inf	6.42	3	V	261	3.69	-
5775MHz	Pass	AV	11.55G	42.21	54.00	-11.79	12.11	3	V	256	1.01	-
5775MHz	Pass	PK	5.6406G	64.57	68.20	-3.63	6.29	3	V	261	3.69	-
5775MHz	Pass	PK	5.7786G	111.35	Inf	-Inf	6.42	3	V	261	3.69	-
5775MHz	Pass	PK	5.9502G	59.27	68.20	-8.93	6.65	3	V	261	3.69	-
5775MHz	Pass	PK	11.55G	57.87	74.00	-16.13	12.11	3	V	256	1.01	-

802.11a_(6Mbps)_2TX

5180MHz_TX

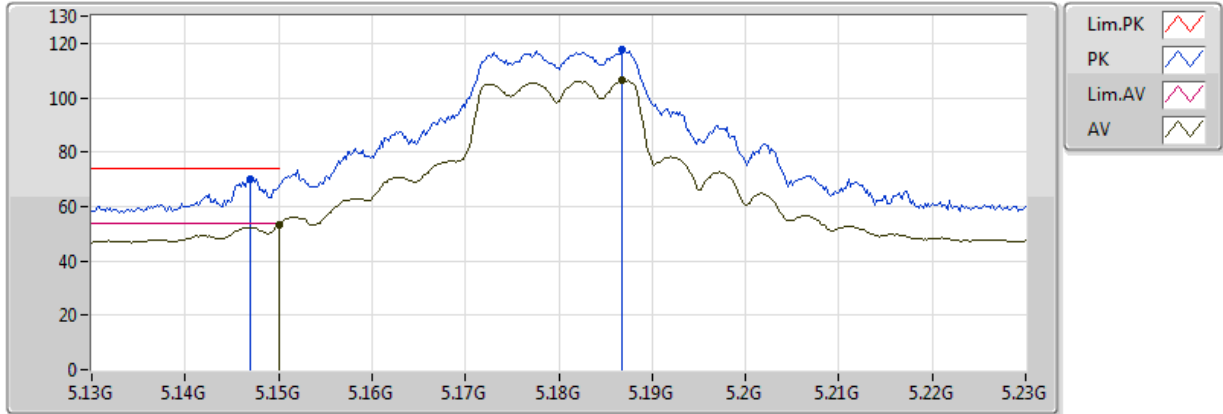


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	50.78	54.00	-3.22	5.44	3	V	67	2.26	-
AV	5.1864G	101.46	Inf	-Inf	5.52	3	V	67	2.26	-
PK	5.1466G	66.91	74.00	-7.09	5.43	3	V	67	2.26	-
PK	5.1864G	111.86	Inf	-Inf	5.52	3	V	67	2.26	-

802.11a_(6Mbps)_2TX

5180MHz_TX

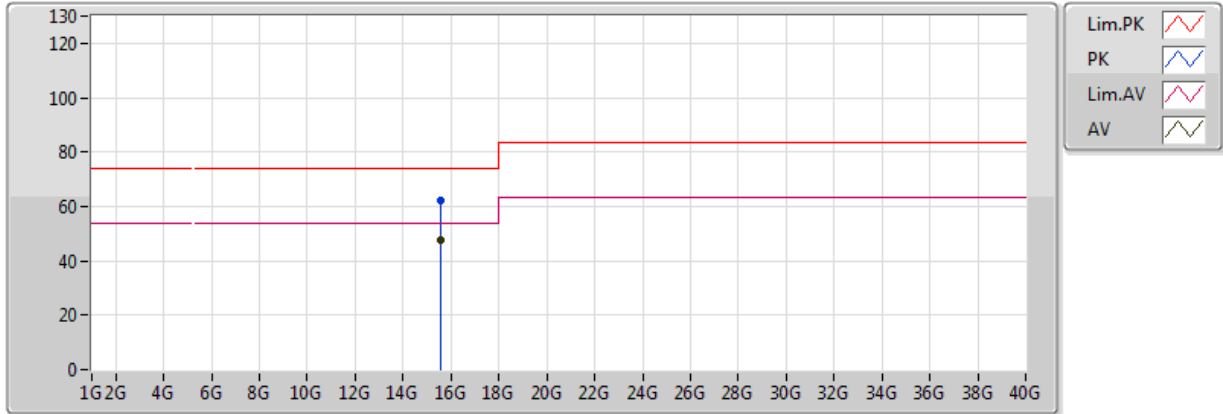


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.35	54.00	-0.65	5.44	3	H	194	1.62	-
AV	5.1868G	106.35	Inf	-Inf	5.52	3	H	194	1.62	-
PK	5.147G	70.26	74.00	-3.74	5.43	3	H	194	1.62	-
PK	5.1868G	117.87	Inf	-Inf	5.52	3	H	194	1.62	-

802.11a_(6Mbps)_2TX

5180MHz_TX

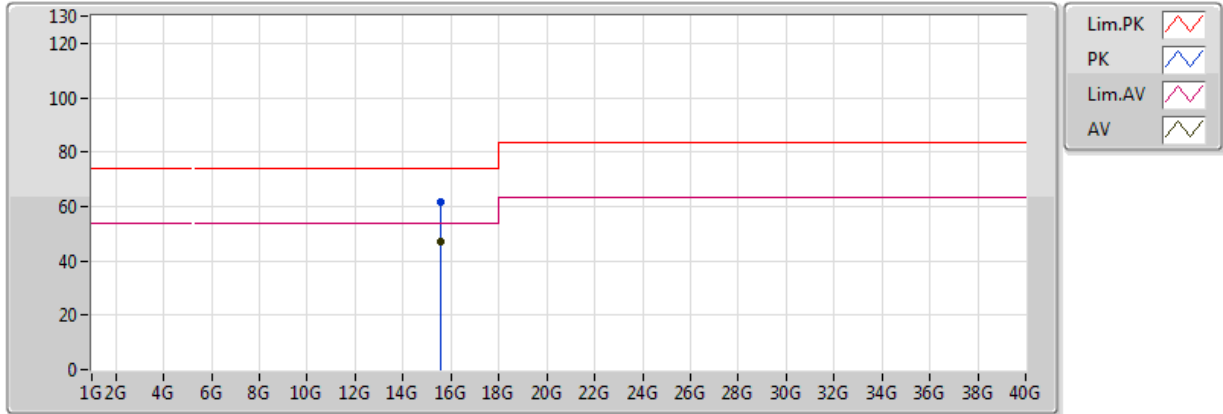


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54G	47.88	54.00	-6.12	15.52	3	V	215	1.72	-
PK	15.54G	61.94	74.00	-12.06	15.52	3	V	215	1.72	-

802.11a_(6Mbps)_2TX

5180MHz_TX

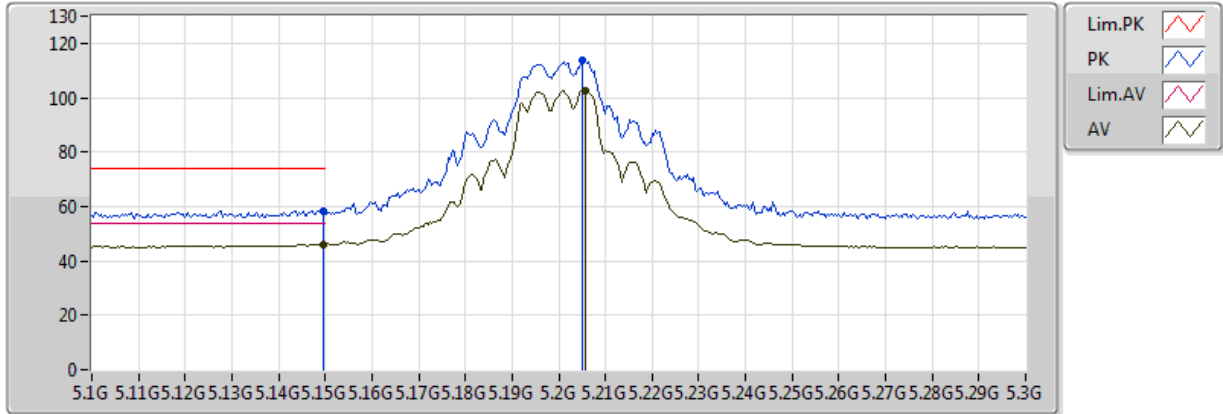


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54G	47.25	54.00	-6.75	15.52	3	H	41	1.78	-
PK	15.54G	61.69	74.00	-12.31	15.52	3	H	41	1.78	-

802.11a_(6Mbps)_2TX

5200MHz_TX

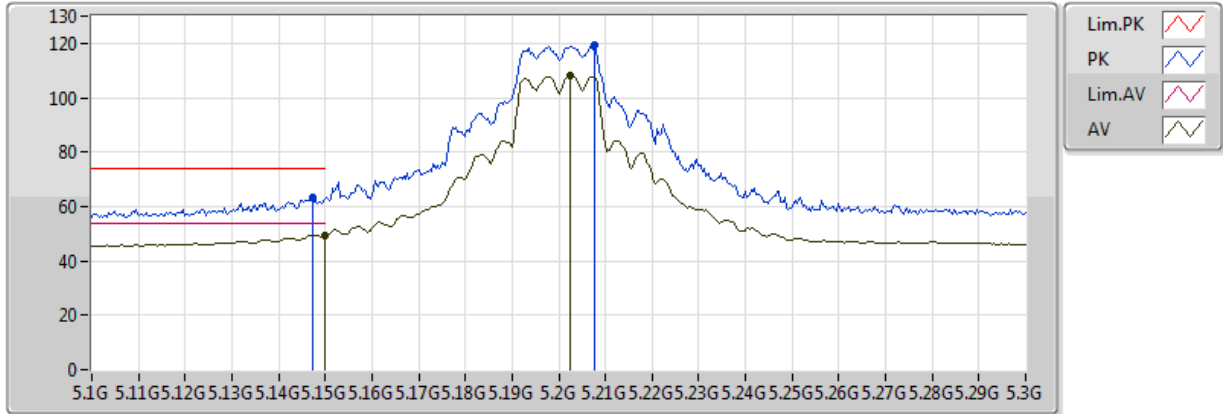


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	46.22	54.00	-7.78	5.44	3	V	66	3.03	-
AV	5.2056G	102.82	Inf	-Inf	5.56	3	V	66	3.03	-
PK	5.1496G	58.38	74.00	-15.62	5.44	3	V	66	3.03	-
PK	5.2052G	113.98	Inf	-Inf	5.56	3	V	66	3.03	-

802.11a_(6Mbps)_2TX

5200MHz_TX

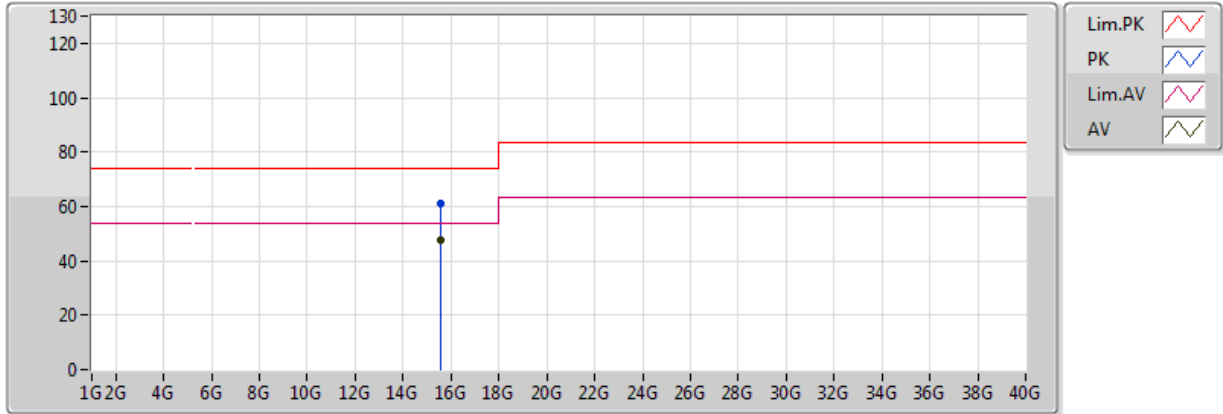


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	49.56	54.00	-4.44	5.44	3	H	194	1.49	-
AV	5.2024G	108.20	Inf	-Inf	5.55	3	H	194	1.49	-
PK	5.1472G	63.18	74.00	-10.82	5.43	3	H	194	1.49	-
PK	5.2076G	119.47	Inf	-Inf	5.56	3	H	194	1.49	-

802.11a_(6Mbps)_2TX

5200MHz_TX

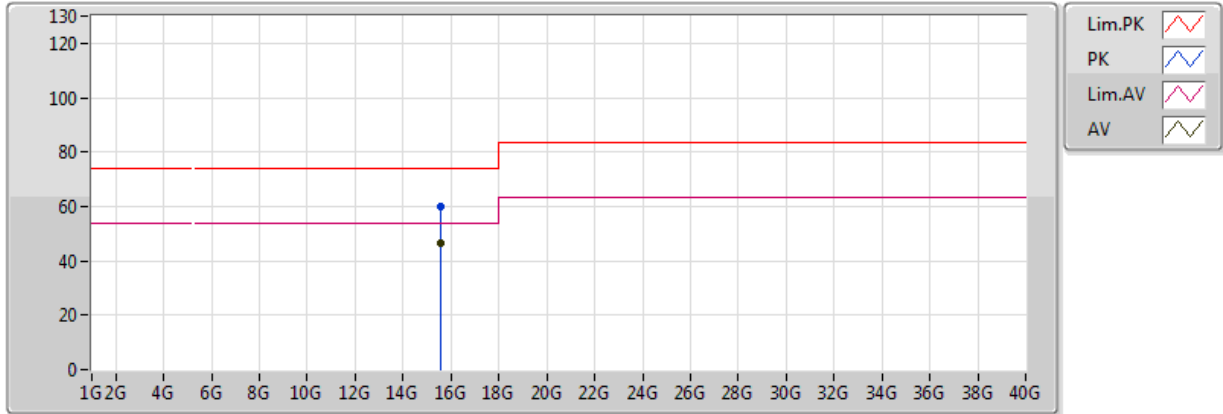


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6G	47.70	54.00	-6.30	15.52	3	V	341	1.09	-
PK	15.6G	61.11	74.00	-12.89	15.52	3	V	341	1.09	-

802.11a_(6Mbps)_2TX

5200MHz_TX

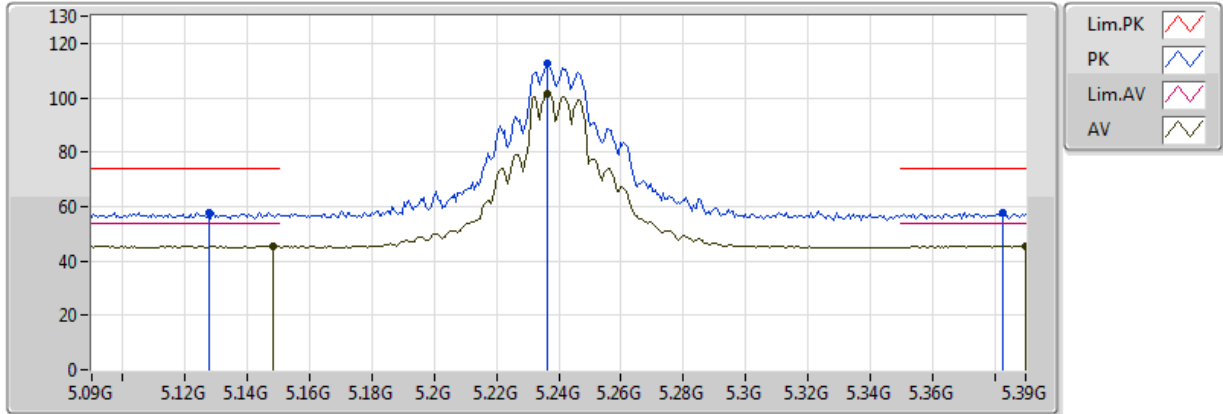


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6G	46.58	54.00	-7.42	15.52	3	H	215	2.39	-
PK	15.6G	59.71	74.00	-14.29	15.52	3	H	215	2.39	-

802.11a_(6Mbps)_2TX

5240MHz_TX

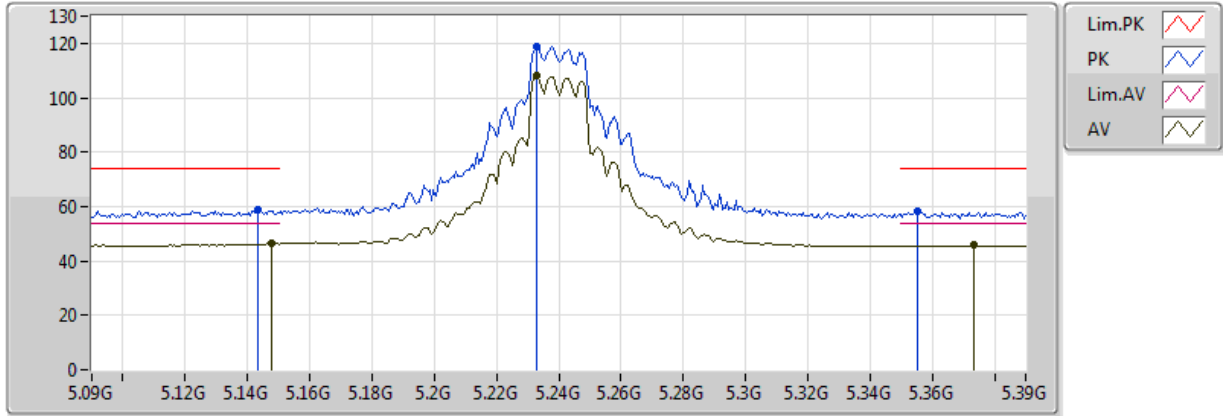


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1482G	45.45	54.00	-8.55	5.44	3	V	65	1.99	-
AV	5.2364G	101.69	Inf	-Inf	5.59	3	V	65	1.99	-
AV	5.39G	45.45	54.00	-8.55	5.85	3	V	65	1.99	-
PK	5.1278G	57.98	74.00	-16.02	5.39	3	V	65	1.99	-
PK	5.2364G	112.53	Inf	-Inf	5.59	3	V	65	1.99	-
PK	5.3828G	57.80	74.00	-16.20	5.83	3	V	65	1.99	-

802.11a_(6Mbps)_2TX

5240MHz_TX

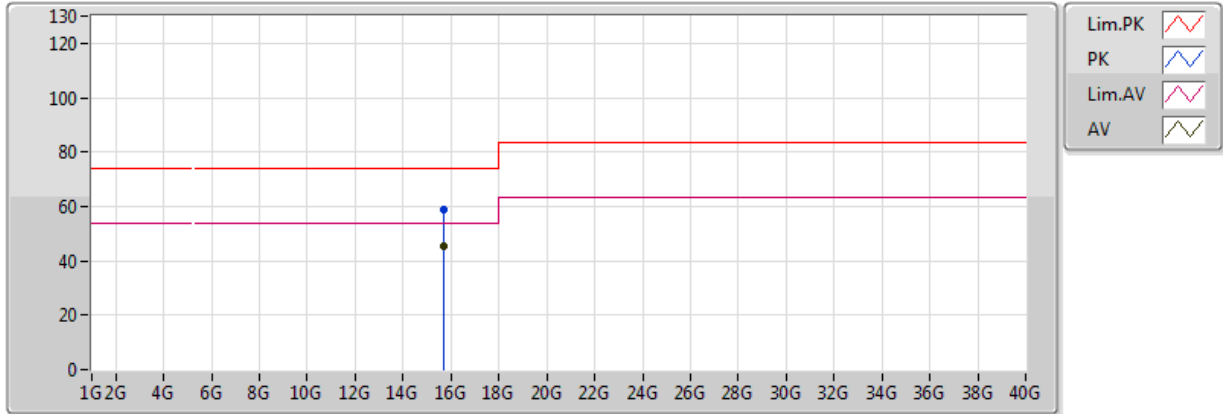


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1476G	46.38	54.00	-7.62	5.43	3	H	194	1.81	-
AV	5.2328G	108.15	Inf	-Inf	5.58	3	H	194	1.81	-
AV	5.3732G	45.72	54.00	-8.28	5.81	3	H	194	1.81	-
PK	5.1434G	58.60	74.00	-15.40	5.43	3	H	194	1.81	-
PK	5.2328G	118.85	Inf	-Inf	5.58	3	H	194	1.81	-
PK	5.3552G	58.02	74.00	-15.98	5.77	3	H	194	1.81	-

802.11a_(6Mbps)_2TX

5240MHz_TX

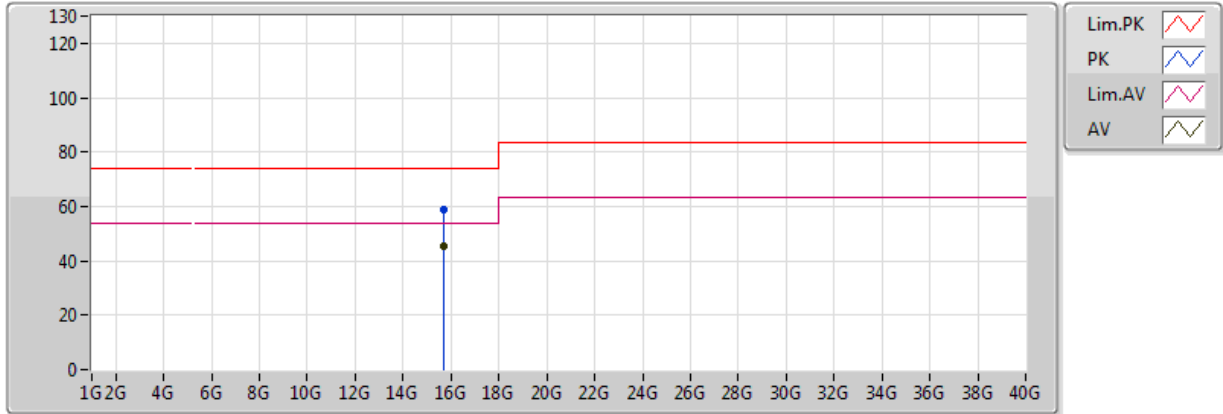


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	45.19	54.00	-8.81	15.52	3	V	298	2.30	-
PK	15.72G	58.58	74.00	-15.42	15.52	3	V	298	2.30	-

802.11a_(6Mbps)_2TX

5240MHz_TX

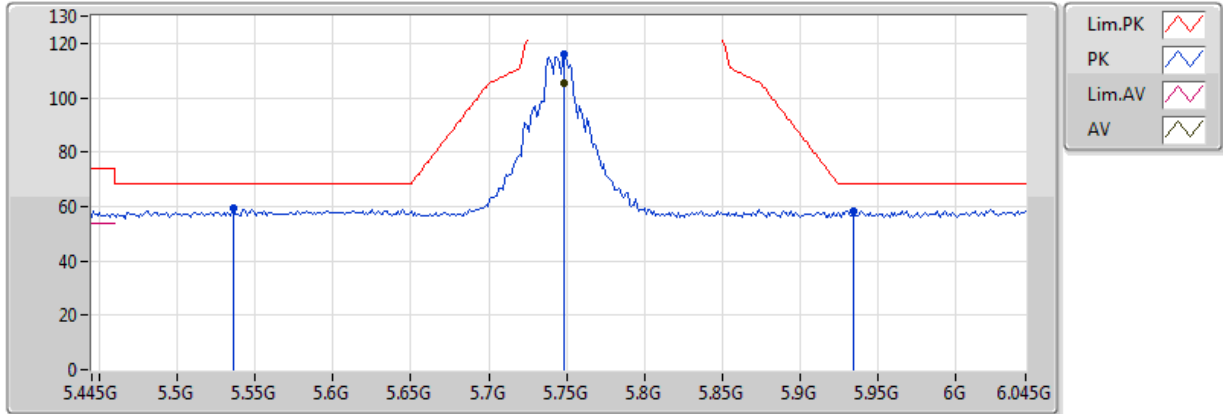


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	45.12	54.00	-8.88	15.52	3	H	153	1.22	-
PK	15.72G	58.99	74.00	-15.01	15.52	3	H	153	1.22	-

802.11a_(6Mbps)_2TX

5745MHz_TX

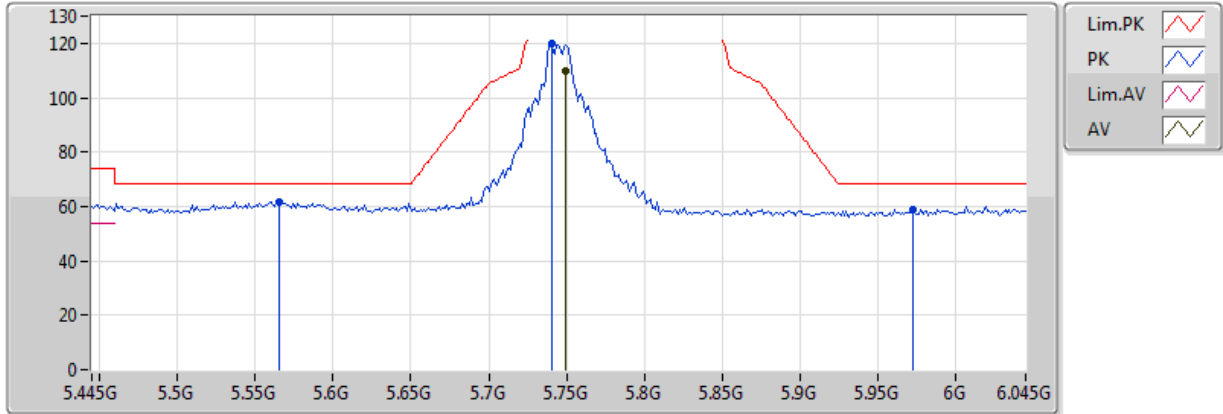


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7486G	105.24	Inf	-Inf	6.40	3	V	66	3.44	-
PK	5.5362G	59.13	68.20	-9.07	6.13	3	V	66	3.44	-
PK	5.7486G	115.76	Inf	-Inf	6.40	3	V	66	3.44	-
PK	5.9346G	58.40	68.20	-9.80	6.62	3	V	66	3.44	-

802.11a_(6Mbps)_2TX

5745MHz_TX

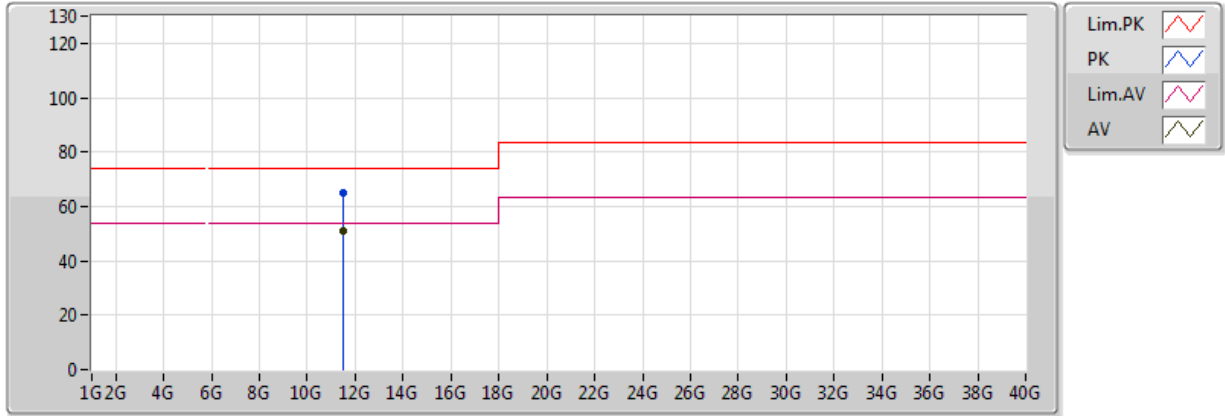


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7498G	109.65	Inf	-Inf	6.40	3	H	329	3.69	-
PK	5.565G	61.66	68.20	-6.54	6.18	3	H	329	3.69	-
PK	5.7402G	120.04	Inf	-Inf	6.39	3	H	329	3.69	-
PK	5.973G	58.99	68.20	-9.21	6.68	3	H	329	3.69	-

802.11a_(6Mbps)_2TX

5745MHz_TX

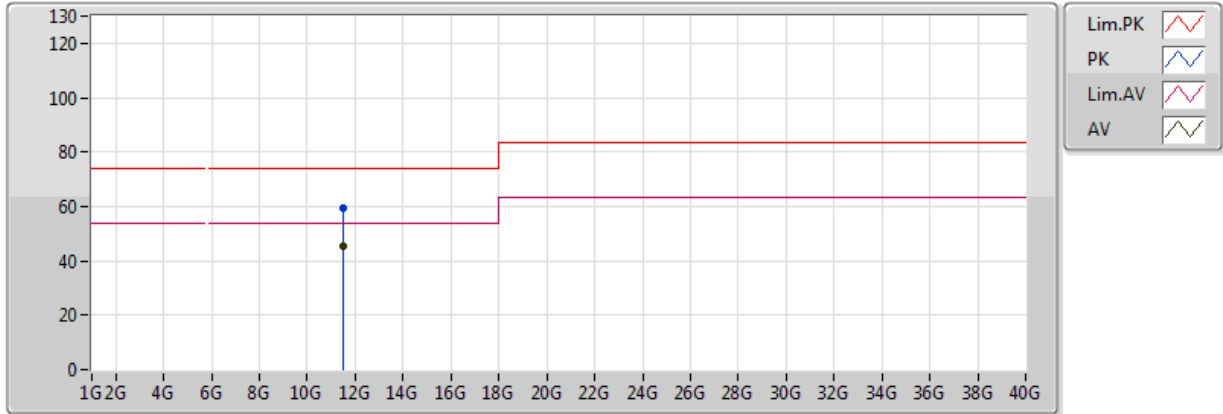


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	50.82	54.00	-3.18	12.03	3	V	54	2.43	-
PK	11.49G	65.07	74.00	-8.93	12.03	3	V	54	2.43	-

802.11a_(6Mbps)_2TX

5745MHz_TX

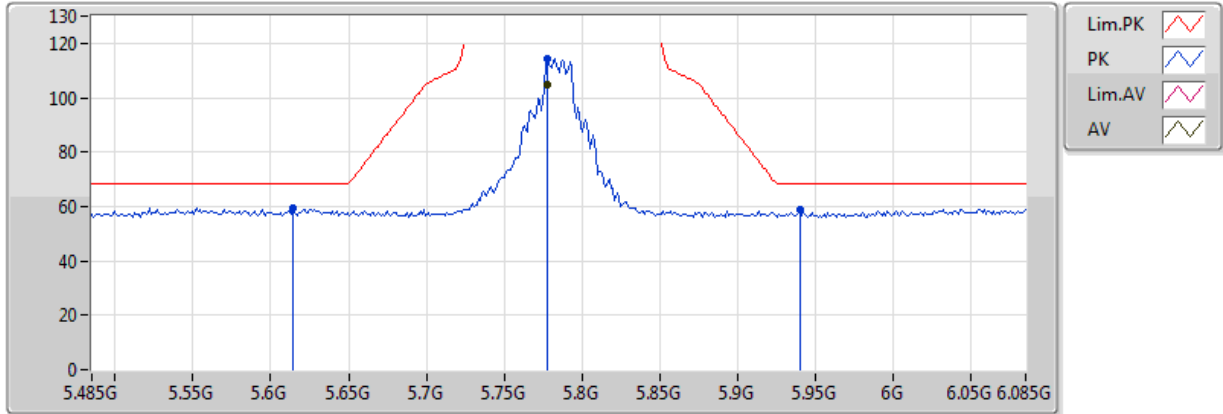


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	45.43	54.00	-8.57	12.03	3	H	290	1.05	-
PK	11.49G	59.39	74.00	-14.61	12.03	3	H	290	1.05	-

802.11a_(6Mbps)_2TX

5785MHz_TX

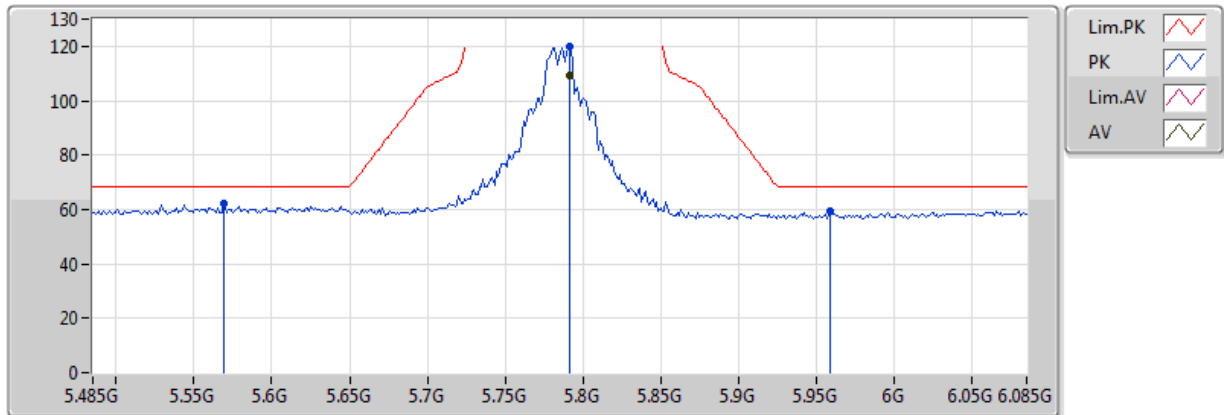


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7778G	104.64	Inf	-Inf	6.42	3	V	62	3.58	-
PK	5.6146G	59.20	68.20	-9.00	6.25	3	V	62	3.58	-
PK	5.7778G	114.48	Inf	-Inf	6.42	3	V	62	3.58	-
PK	5.9398G	58.64	68.20	-9.56	6.63	3	V	62	3.58	-

802.11a_(6Mbps)_2TX

5785MHz_TX

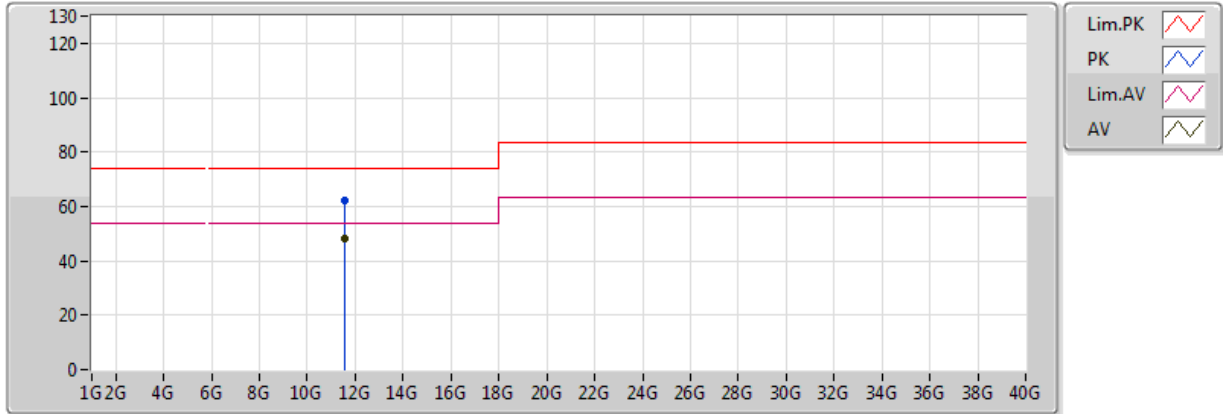


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.791G	109.28	Inf	-Inf	6.42	3	H	331	1.07	-
PK	5.569G	62.15	68.20	-6.05	6.18	3	H	331	1.07	-
PK	5.791G	119.73	Inf	-Inf	6.42	3	H	331	1.07	-
PK	5.959G	59.30	68.20	-8.90	6.66	3	H	331	1.07	-

802.11a_(6Mbps)_2TX

5785MHz_TX

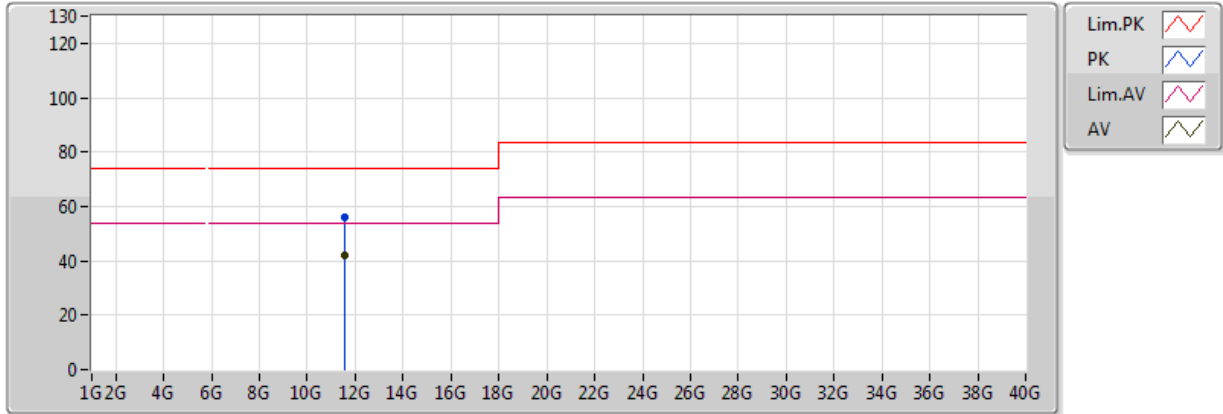


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	48.35	54.00	-5.65	12.14	3	V	69	1.85	-
PK	11.57G	62.14	74.00	-11.86	12.14	3	V	69	1.85	-

802.11a_(6Mbps)_2TX

5785MHz_TX

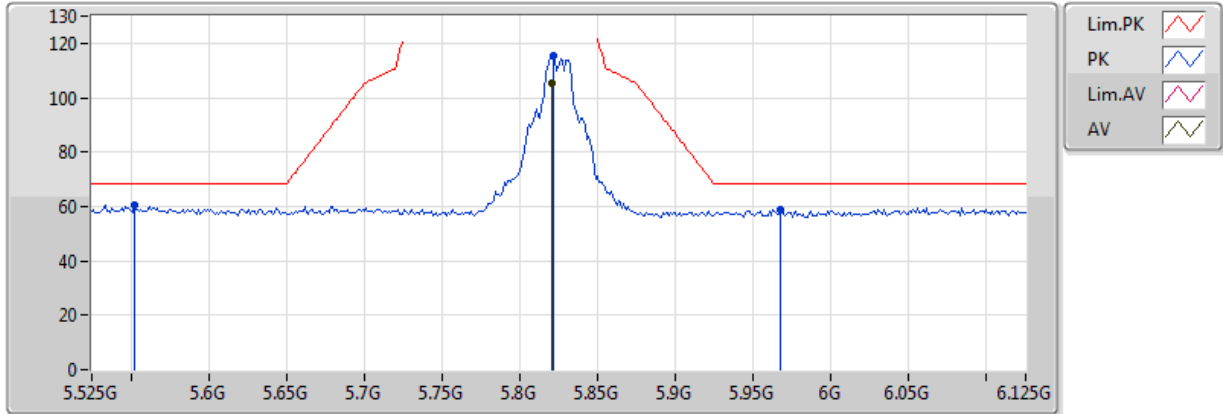


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	42.09	54.00	-11.91	12.14	3	H	232	2.21	-
PK	11.57G	56.04	74.00	-17.96	12.14	3	H	232	2.21	-

802.11a_(6Mbps)_2TX

5825MHz_TX

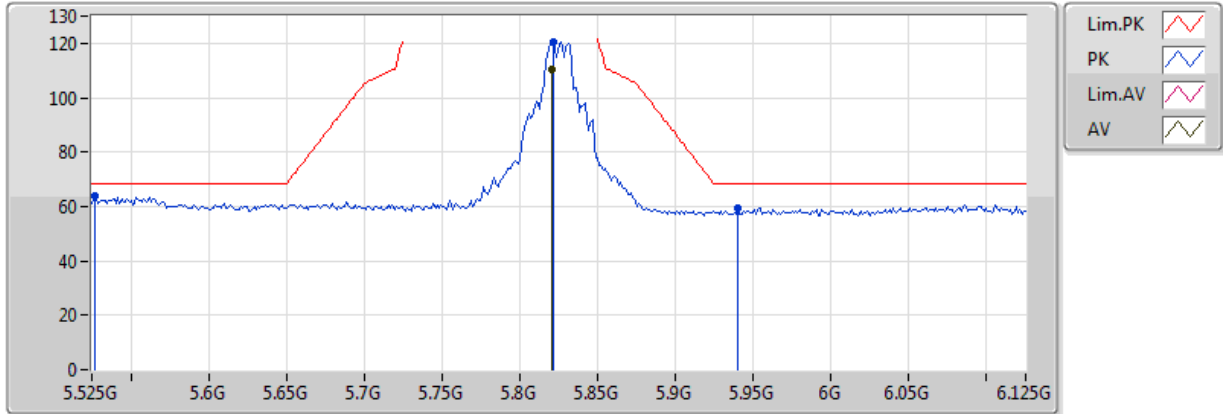


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8202G	105.48	Inf	-Inf	6.46	3	V	219	3.51	-
PK	5.5526G	60.39	68.20	-7.81	6.16	3	V	219	3.51	-
PK	5.8214G	115.68	Inf	-Inf	6.46	3	V	219	3.51	-
PK	5.9678G	58.76	68.20	-9.44	6.67	3	V	219	3.51	-

802.11a_(6Mbps)_2TX

5825MHz_TX

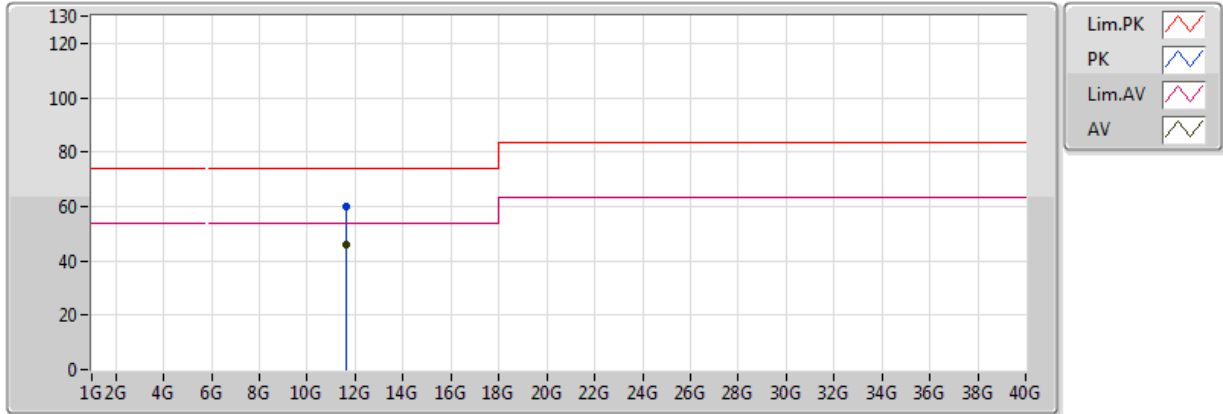


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8202G	110.39	Inf	-Inf	6.46	3	H	341	3.58	-
PK	5.5274G	63.60	68.20	-4.60	6.12	3	H	341	3.58	-
PK	5.8214G	120.61	Inf	-Inf	6.46	3	H	341	3.58	-
PK	5.9402G	59.38	68.20	-8.82	6.63	3	H	341	3.58	-

802.11a_(6Mbps)_2TX

5825MHz_TX

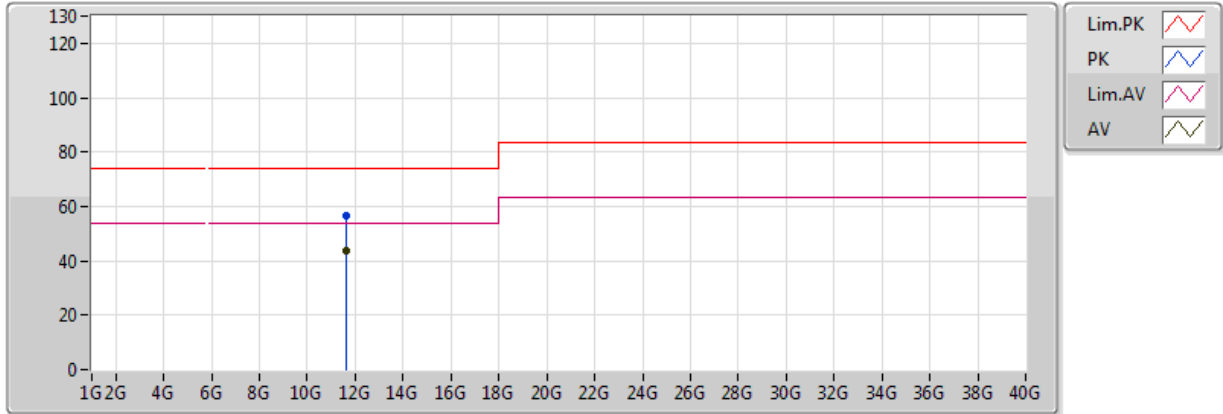


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	46.04	54.00	-7.96	12.24	3	V	84	2.33	-
PK	11.65G	59.86	74.00	-14.14	12.24	3	V	84	2.33	-

802.11a_(6Mbps)_2TX

5825MHz_TX

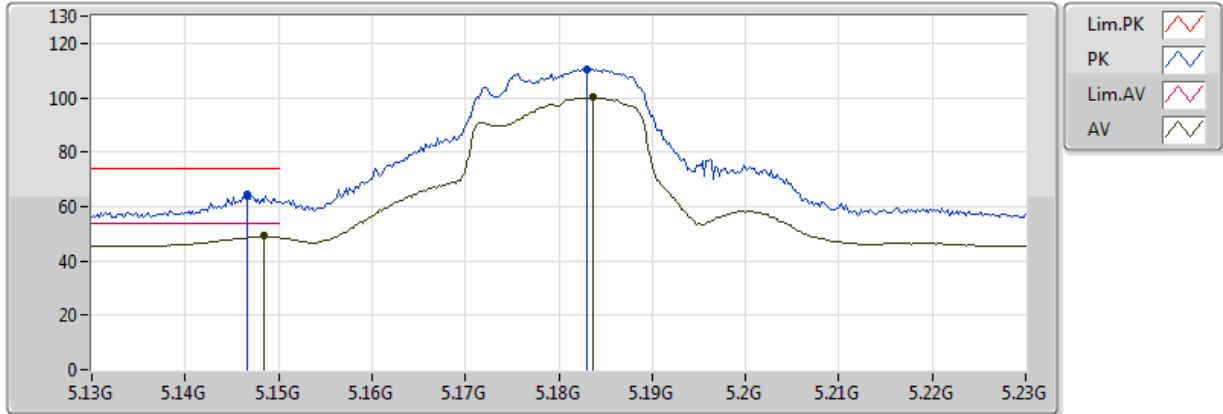


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	43.90	54.00	-10.10	12.24	3	H	254	1.01	-
PK	11.65G	56.77	74.00	-17.23	12.24	3	H	254	1.01	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

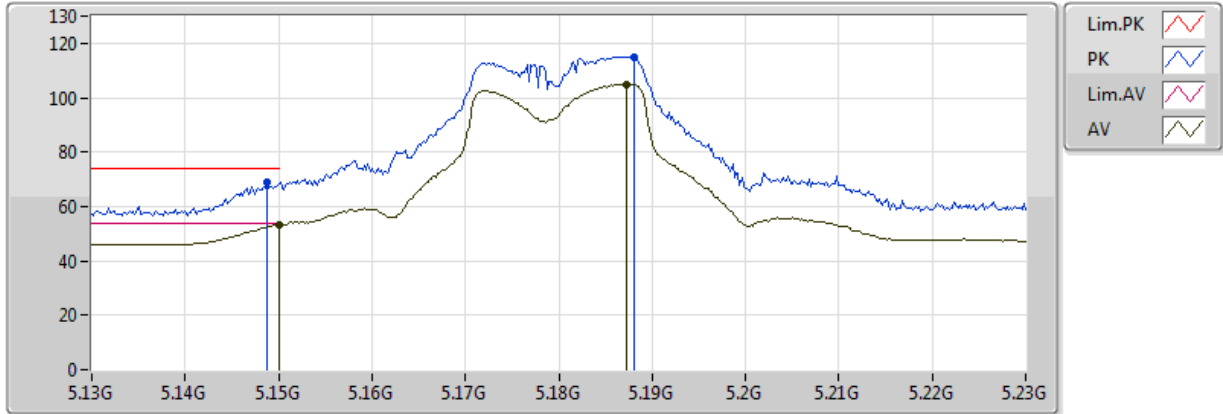


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1484G	49.12	54.00	-4.88	5.44	3	V	66	2.64	-
AV	5.1836G	100.29	Inf	-Inf	5.51	3	V	66	2.64	-
PK	5.1466G	64.40	74.00	-9.60	5.43	3	V	66	2.64	-
PK	5.183G	110.45	Inf	-Inf	5.51	3	V	66	2.64	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

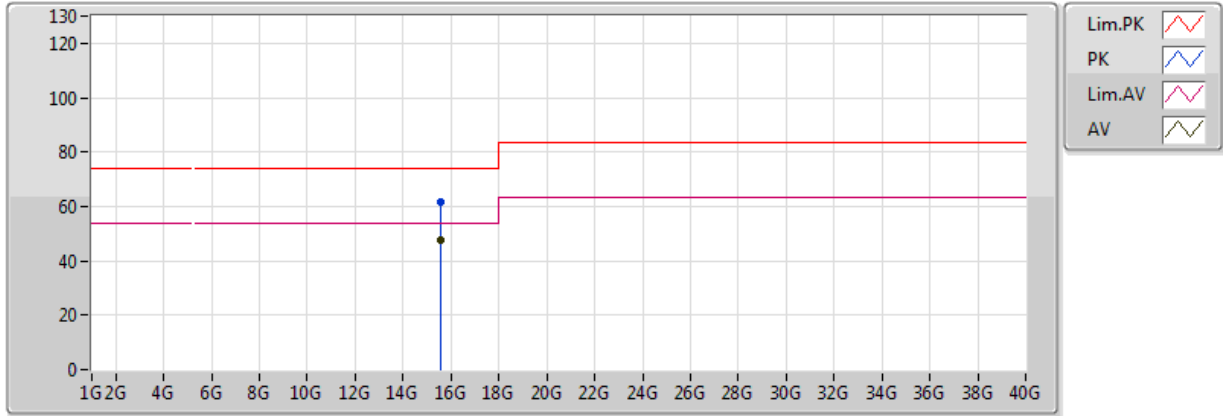


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.13	54.00	-0.87	5.44	3	H	192	3.06	-
AV	5.1872G	105.06	Inf	-Inf	5.52	3	H	192	3.06	-
PK	5.1488G	68.99	74.00	-5.01	5.44	3	H	192	3.06	-
PK	5.188G	115.15	Inf	-Inf	5.52	3	H	192	3.06	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

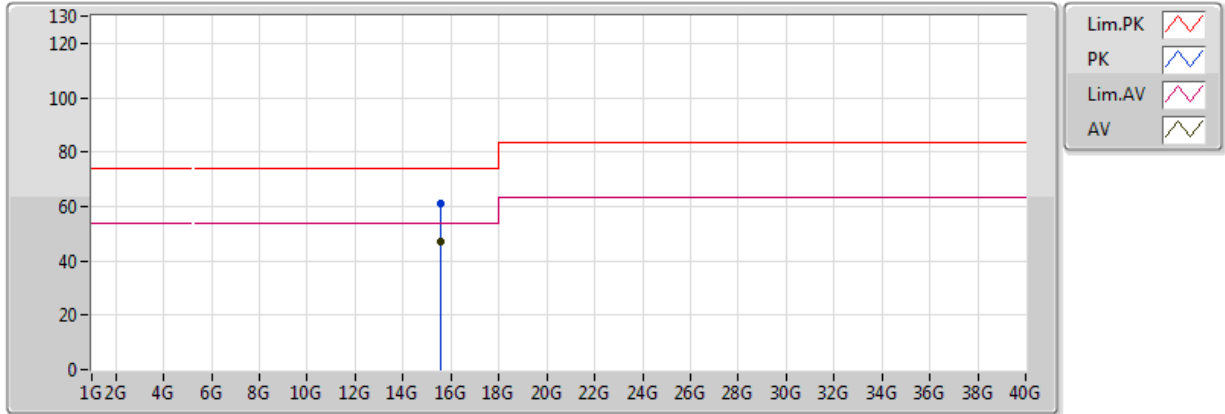


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54G	47.39	54.00	-6.61	15.52	3	V	315	1.62	-
PK	15.54G	61.49	74.00	-12.51	15.52	3	V	315	1.62	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

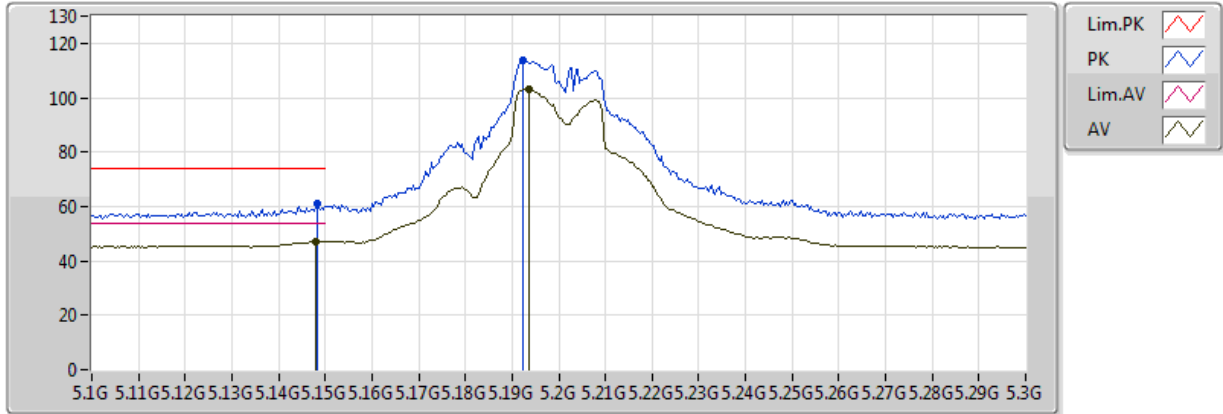


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54G	47.17	54.00	-6.83	15.52	3	H	54	1.73	-
PK	15.54G	61.26	74.00	-12.74	15.52	3	H	54	1.73	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

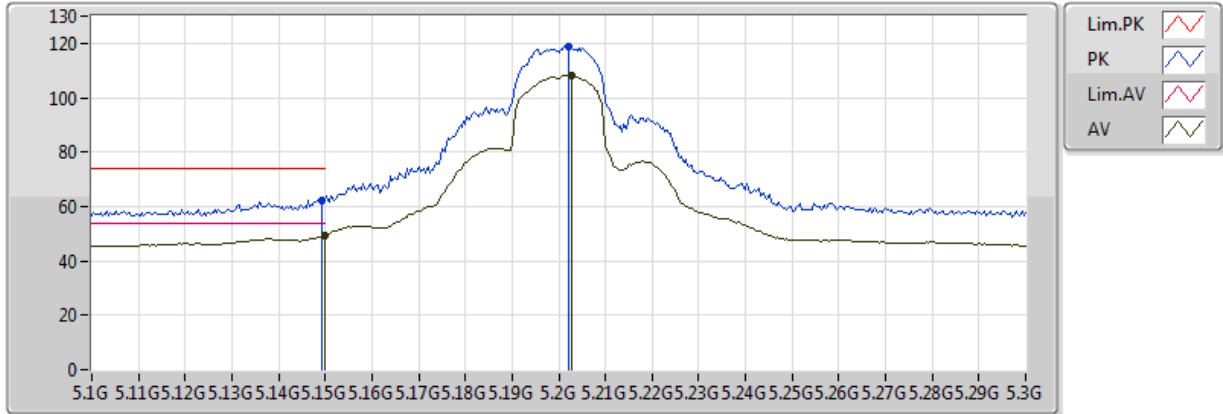


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	47.12	54.00	-6.88	5.44	3	V	67	2.49	-
AV	5.1936G	103.11	Inf	-Inf	5.54	3	V	67	2.49	-
PK	5.1484G	61.04	74.00	-12.96	5.44	3	V	67	2.49	-
PK	5.1924G	113.85	Inf	-Inf	5.53	3	V	67	2.49	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

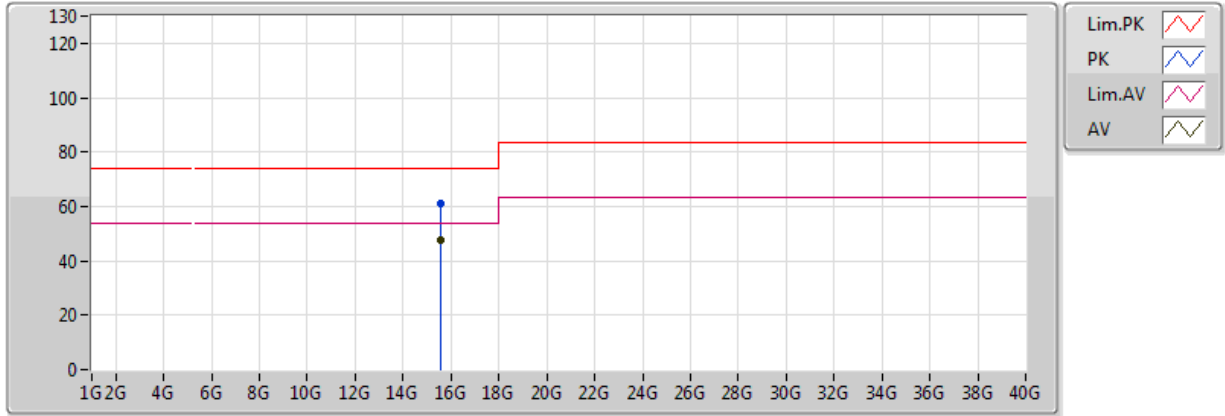


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	49.50	54.00	-4.50	5.44	3	H	195	1.50	-
AV	5.2028G	108.13	Inf	-Inf	5.55	3	H	195	1.50	-
PK	5.1492G	62.32	74.00	-11.68	5.44	3	H	195	1.50	-
PK	5.202G	118.72	Inf	-Inf	5.55	3	H	195	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

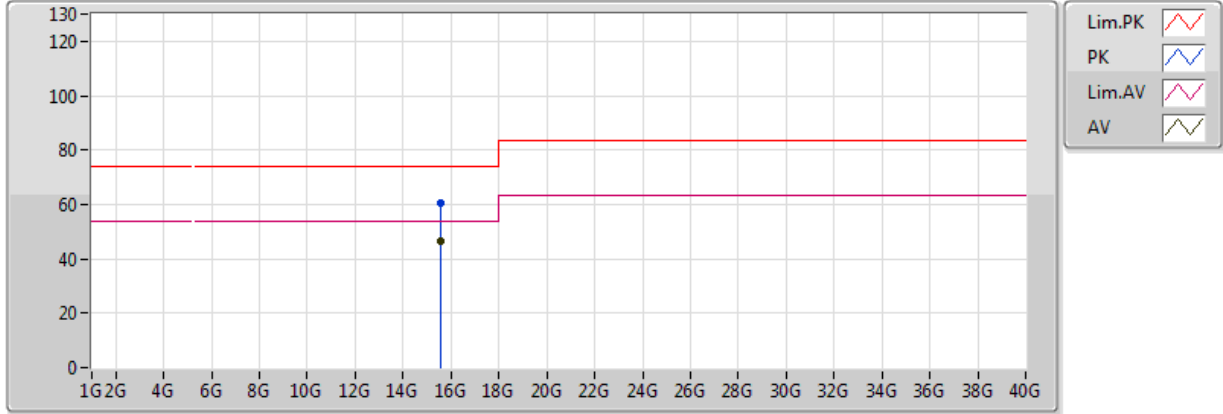


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6G	47.47	54.00	-6.53	15.52	3	V	129	1.47	-
PK	15.6G	61.26	74.00	-12.74	15.52	3	V	129	1.47	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

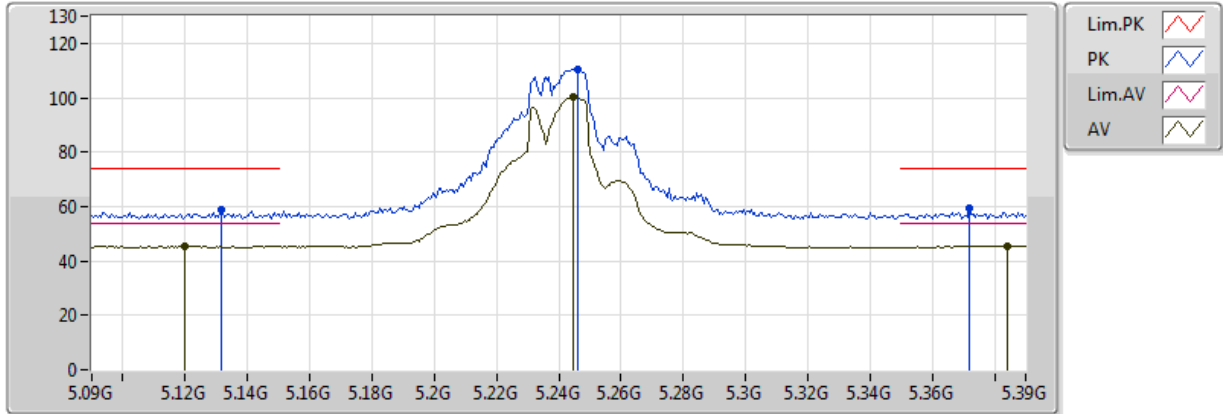


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6G	46.62	54.00	-7.38	15.52	3	H	99	2.26	-
PK	15.6G	60.31	74.00	-13.69	15.52	3	H	99	2.26	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

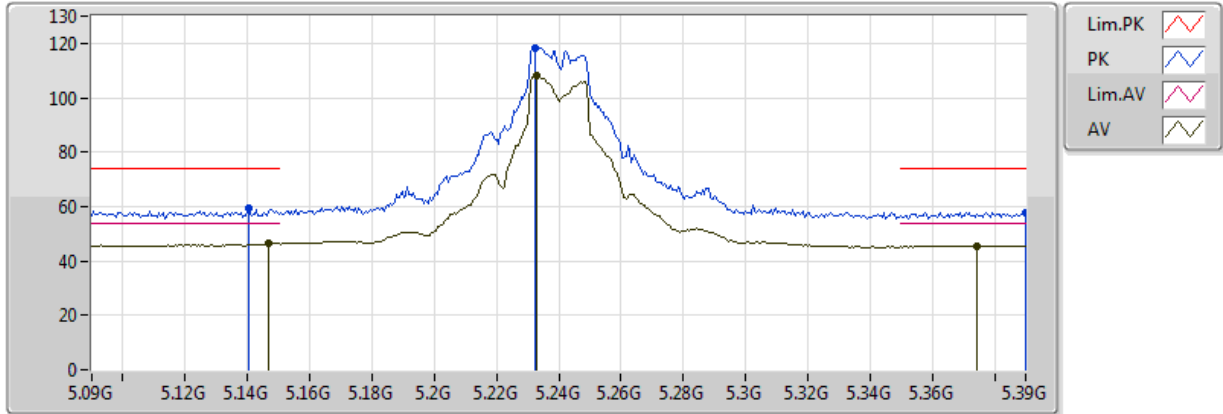


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.12G	45.36	54.00	-8.64	5.37	3	V	64	2.03	-
AV	5.2448G	100.42	Inf	-Inf	5.59	3	V	64	2.03	-
AV	5.384G	45.59	54.00	-8.41	5.83	3	V	64	2.03	-
PK	5.1314G	58.77	74.00	-15.23	5.40	3	V	64	2.03	-
PK	5.246G	110.65	Inf	-Inf	5.60	3	V	64	2.03	-
PK	5.372G	59.15	74.00	-14.85	5.81	3	V	64	2.03	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

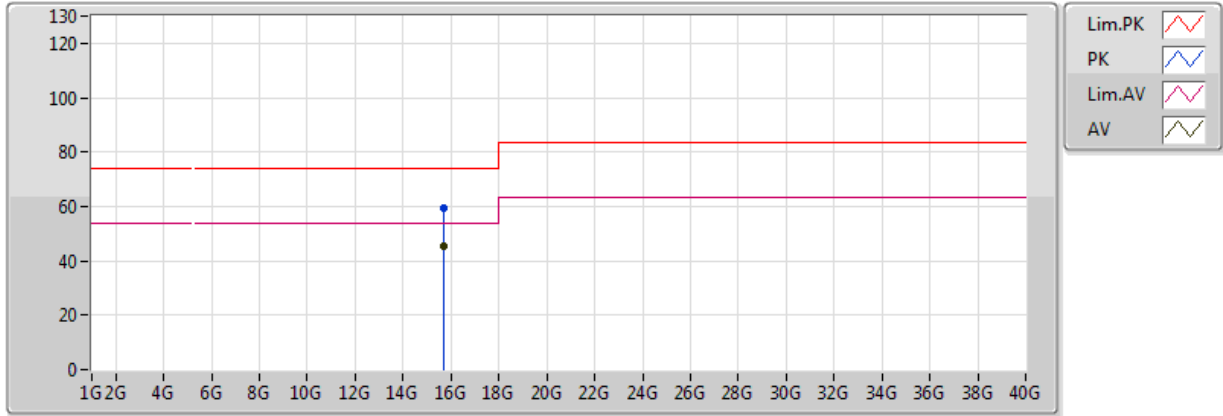


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.147G	46.36	54.00	-7.64	5.43	3	H	195	1.79	-
AV	5.2328G	108.18	Inf	-Inf	5.58	3	H	195	1.79	-
AV	5.3744G	45.57	54.00	-8.43	5.81	3	H	195	1.79	-
PK	5.1404G	59.13	74.00	-14.87	5.42	3	H	195	1.79	-
PK	5.2322G	118.46	Inf	-Inf	5.58	3	H	195	1.79	-
PK	5.39G	57.94	74.00	-16.06	5.85	3	H	195	1.79	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

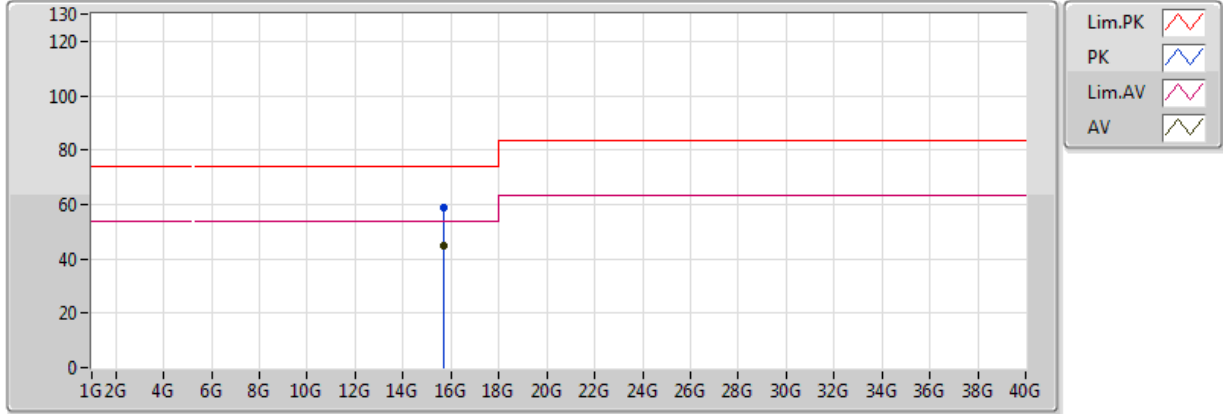


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	45.18	54.00	-8.82	15.52	3	V	194	1.60	-
PK	15.72G	59.15	74.00	-14.85	15.52	3	V	194	1.60	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

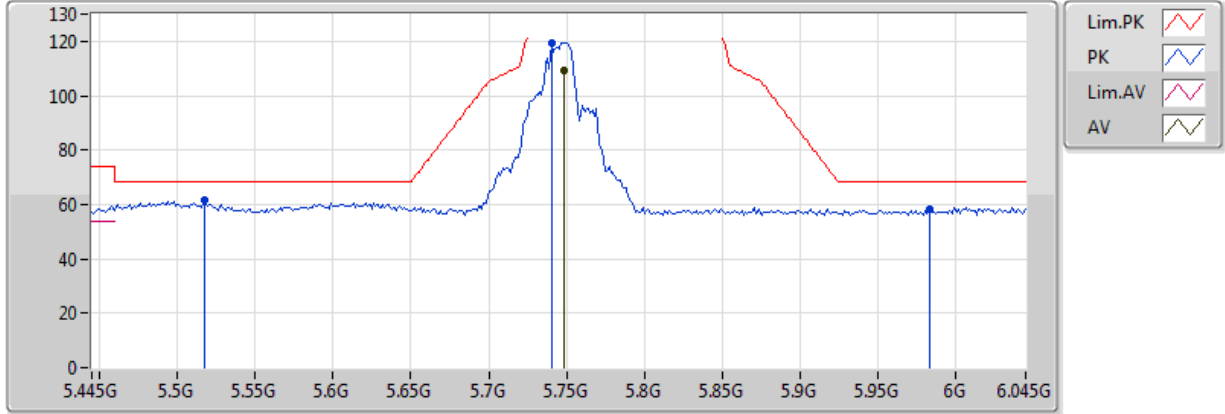


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	45.10	54.00	-8.90	15.52	3	H	32	2.21	-
PK	15.72G	59.03	74.00	-14.97	15.52	3	H	32	2.21	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

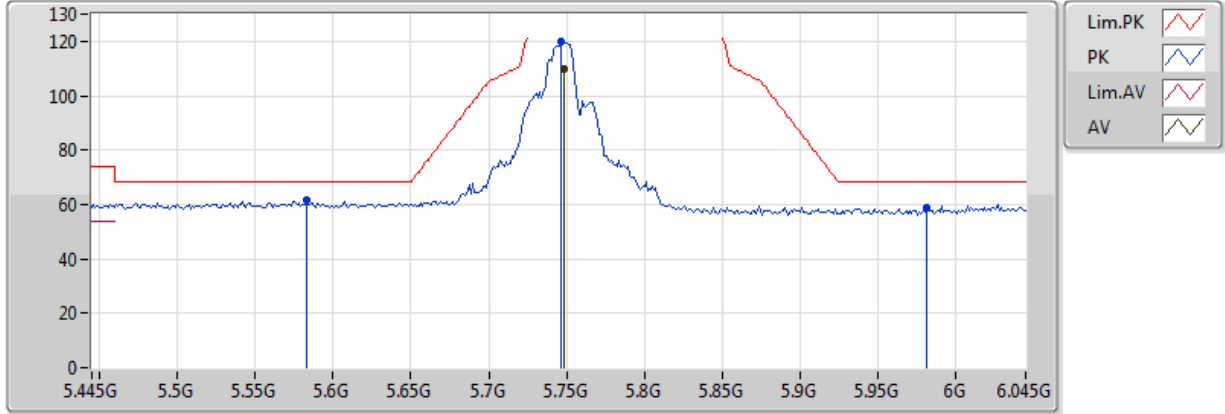


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7486G	109.22	Inf	-Inf	6.40	3	V	259	3.57	-
PK	5.517G	61.47	68.20	-6.73	6.11	3	V	259	3.57	-
PK	5.7402G	119.48	Inf	-Inf	6.39	3	V	259	3.57	-
PK	5.9838G	58.10	68.20	-10.10	6.70	3	V	259	3.57	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

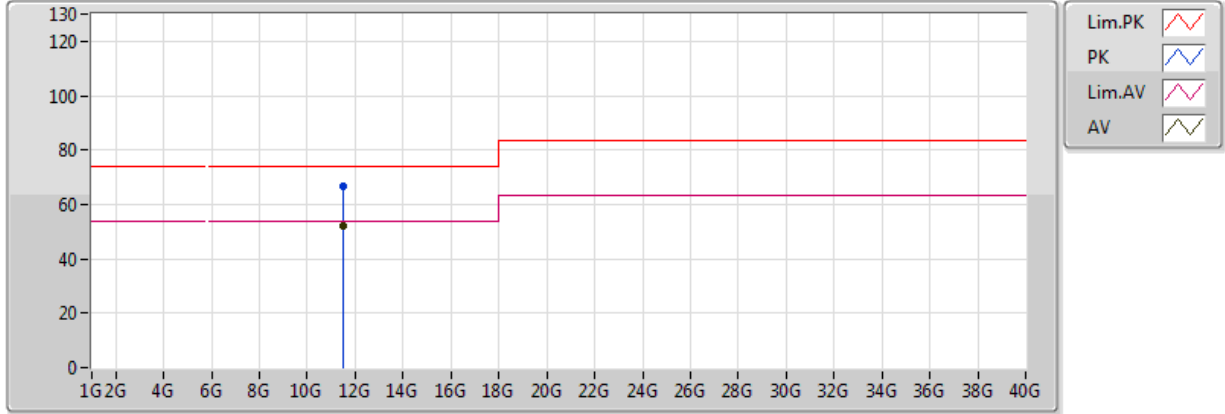


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7486G	109.64	Inf	-Inf	6.40	3	H	333	1.03	-
PK	5.583G	61.70	68.20	-6.50	6.20	3	H	333	1.03	-
PK	5.7462G	119.83	Inf	-Inf	6.40	3	H	333	1.03	-
PK	5.9814G	58.56	68.20	-9.64	6.69	3	H	333	1.03	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

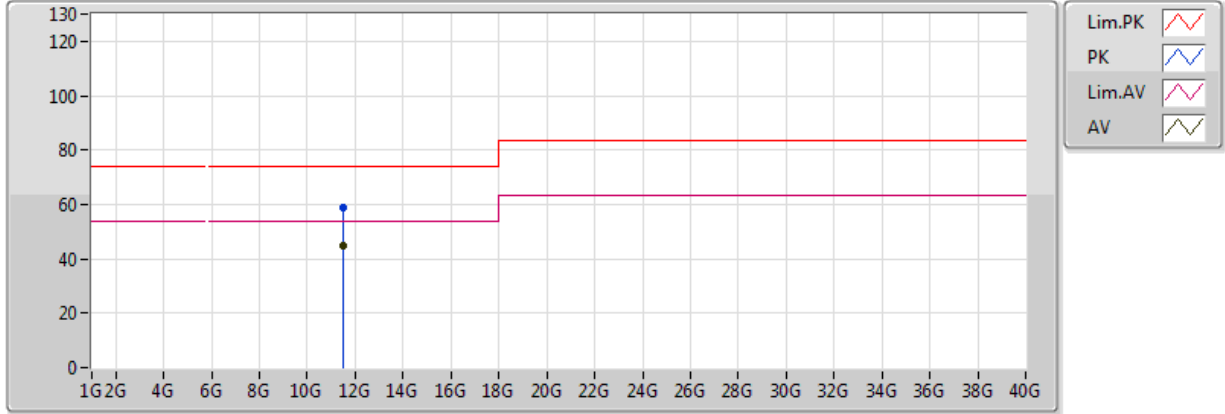


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	52.03	54.00	-1.97	12.03	3	V	273	1.79	-
PK	11.49G	66.49	74.00	-7.51	12.03	3	V	273	1.79	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

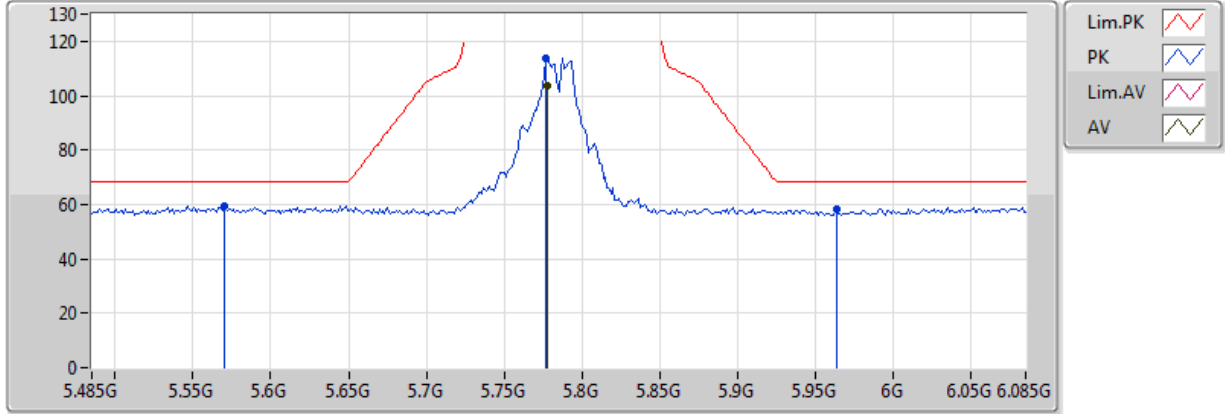


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	45.02	54.00	-8.98	12.03	3	H	304	1.29	-
PK	11.49G	59.09	74.00	-14.91	12.03	3	H	304	1.29	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

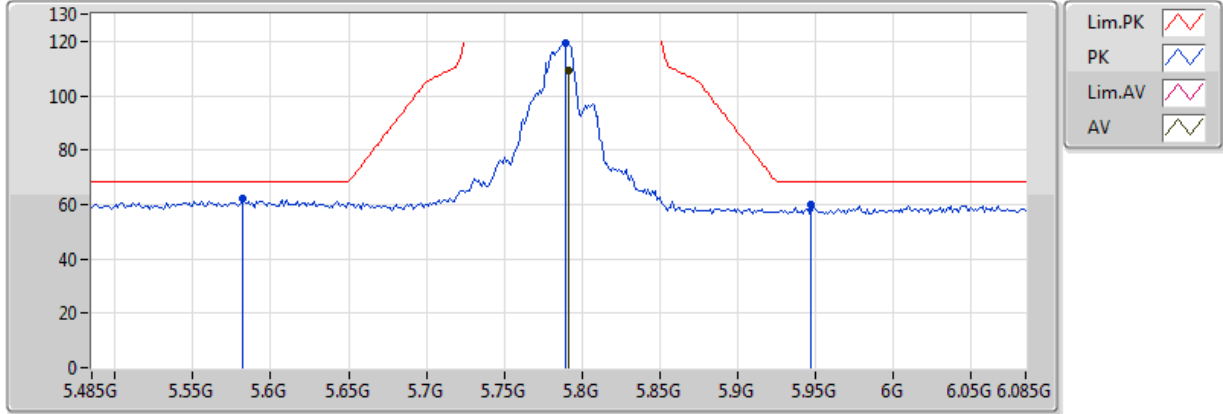


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7778G	103.84	Inf	-Inf	6.42	3	V	62	3.58	-
PK	5.5702G	59.41	68.20	-8.79	6.19	3	V	62	3.58	-
PK	5.7766G	113.86	Inf	-Inf	6.42	3	V	62	3.58	-
PK	5.9638G	58.40	68.20	-9.80	6.67	3	V	62	3.58	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

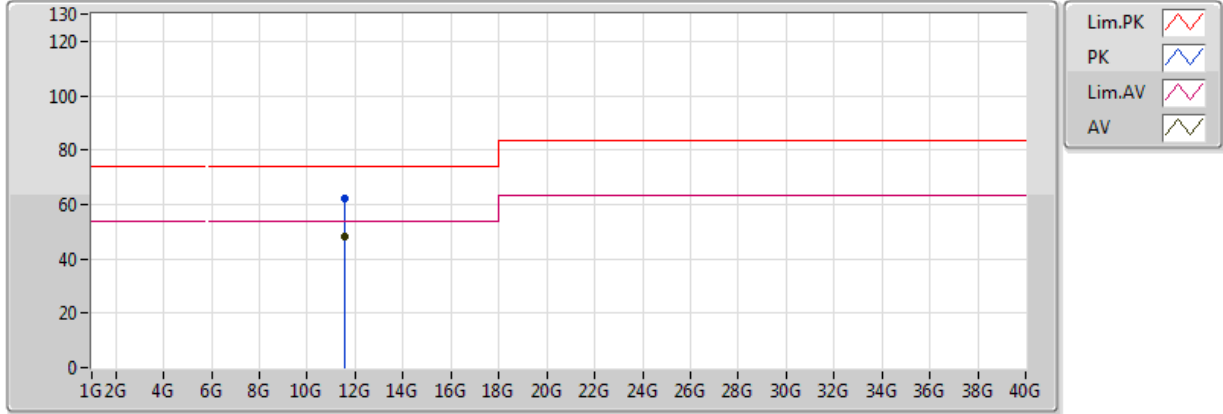


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.791G	109.11	Inf	-Inf	6.42	3	H	327	1.06	-
PK	5.5822G	62.45	68.20	-5.75	6.20	3	H	327	1.06	-
PK	5.7898G	119.61	Inf	-Inf	6.42	3	H	327	1.06	-
PK	5.947G	59.75	68.20	-8.45	6.64	3	H	327	1.06	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

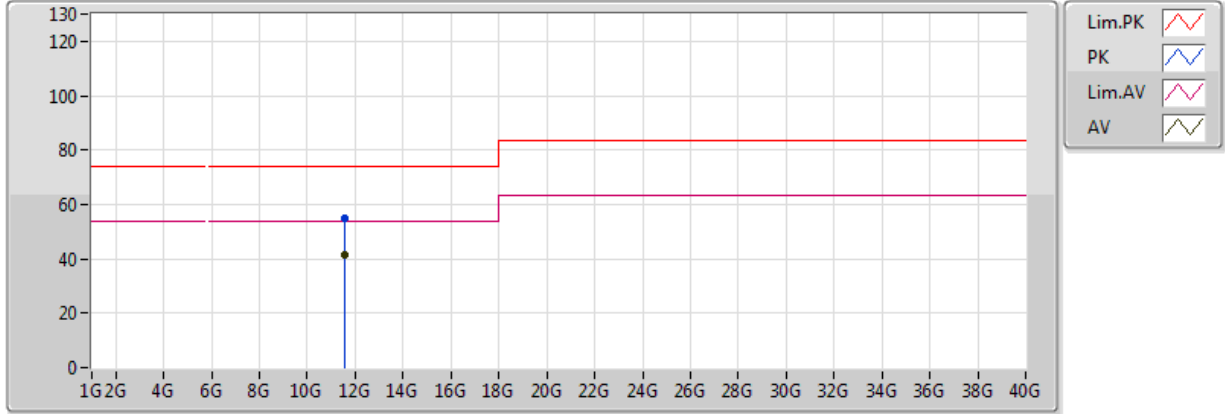


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	48.09	54.00	-5.91	12.14	3	V	323	1.65	-
PK	11.57G	62.35	74.00	-11.65	12.14	3	V	323	1.65	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

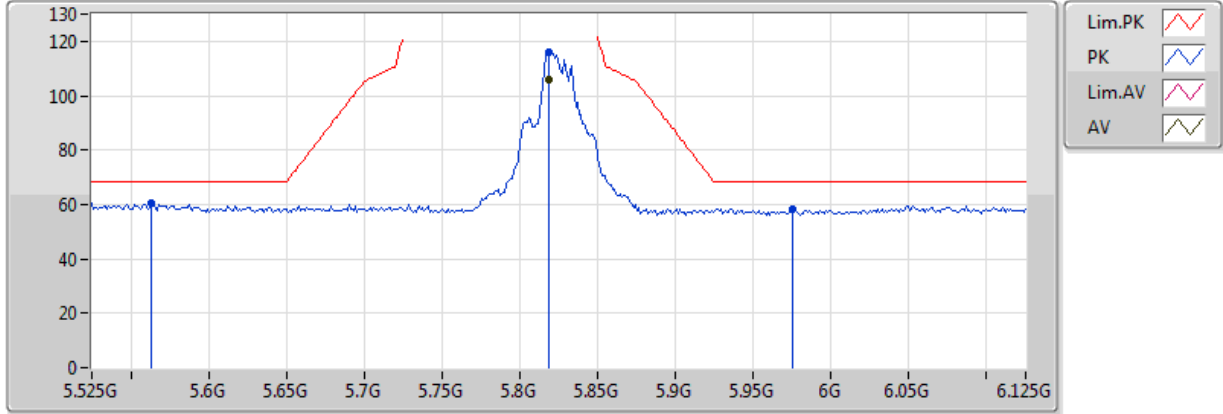


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	41.67	54.00	-12.33	12.14	3	H	27	2.49	-
PK	11.57G	55.17	74.00	-18.83	12.14	3	H	27	2.49	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

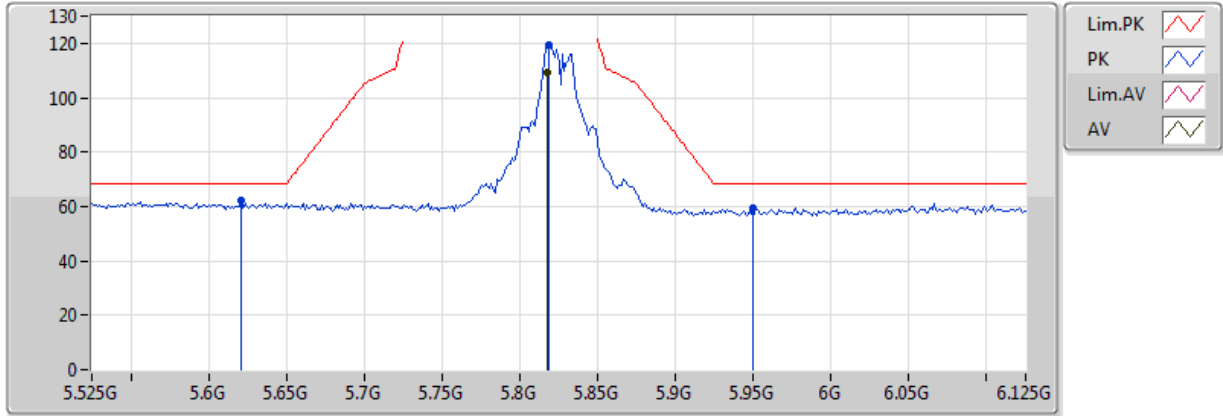


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.819G	105.93	Inf	-Inf	6.46	3	V	220	3.50	-
PK	5.5634G	60.42	68.20	-7.78	6.18	3	V	220	3.50	-
PK	5.819G	116.01	Inf	-Inf	6.46	3	V	220	3.50	-
PK	5.975G	58.49	68.20	-9.71	6.68	3	V	220	3.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

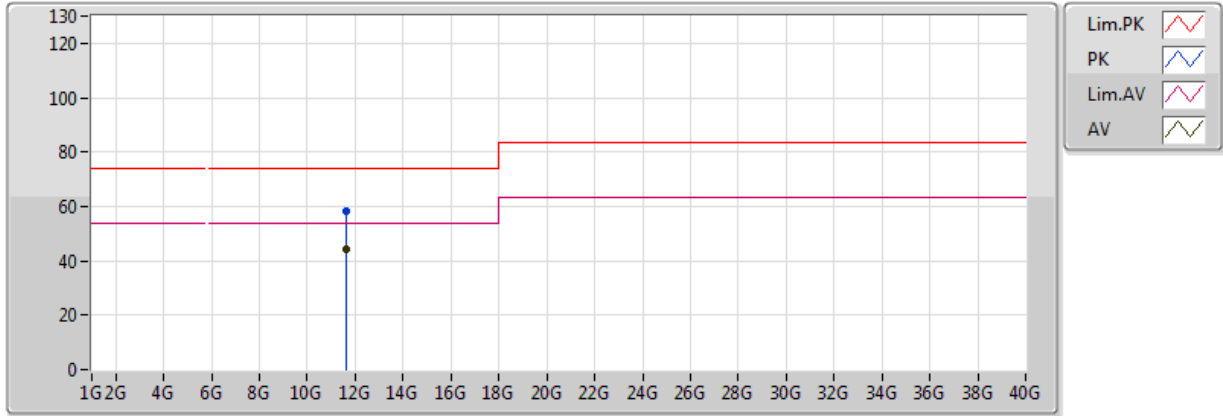


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8178G	109.15	Inf	-Inf	6.45	3	H	322	3.12	-
PK	5.621G	62.24	68.20	-5.96	6.26	3	H	322	3.12	-
PK	5.819G	119.10	Inf	-Inf	6.46	3	H	322	3.12	-
PK	5.9498G	59.35	68.20	-8.85	6.64	3	H	322	3.12	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

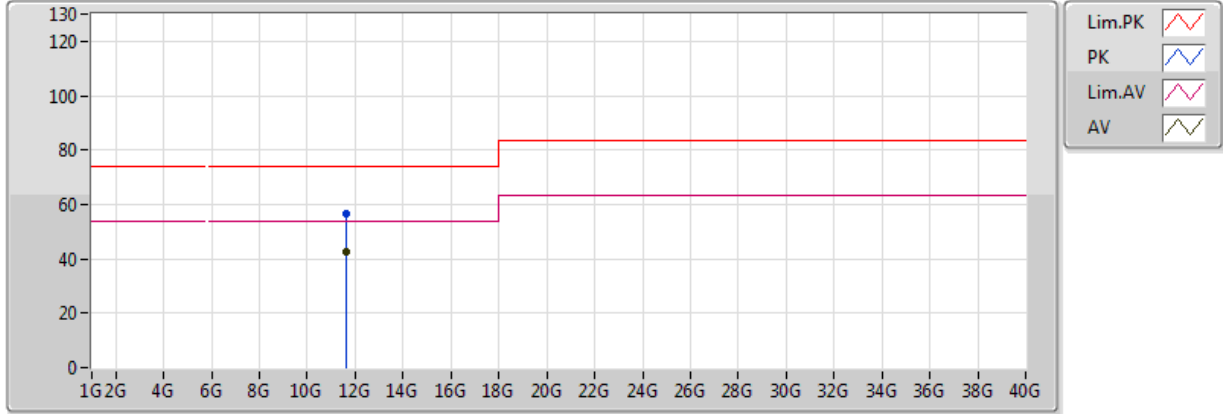


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	44.44	54.00	-9.56	12.24	3	V	357	2.18	-
PK	11.65G	58.35	74.00	-15.65	12.24	3	V	357	2.18	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

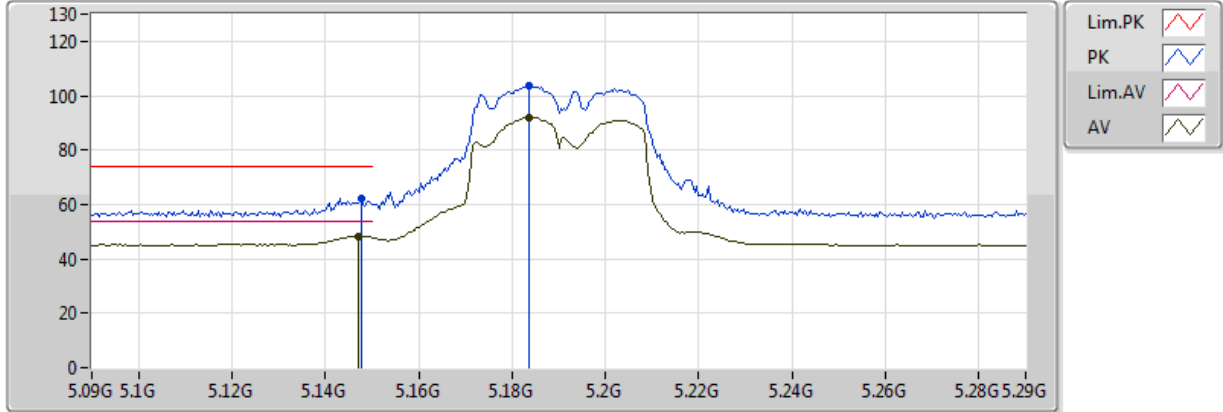


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	42.84	54.00	-11.16	12.24	3	H	312	1.84	-
PK	11.65G	56.71	74.00	-17.29	12.24	3	H	312	1.84	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

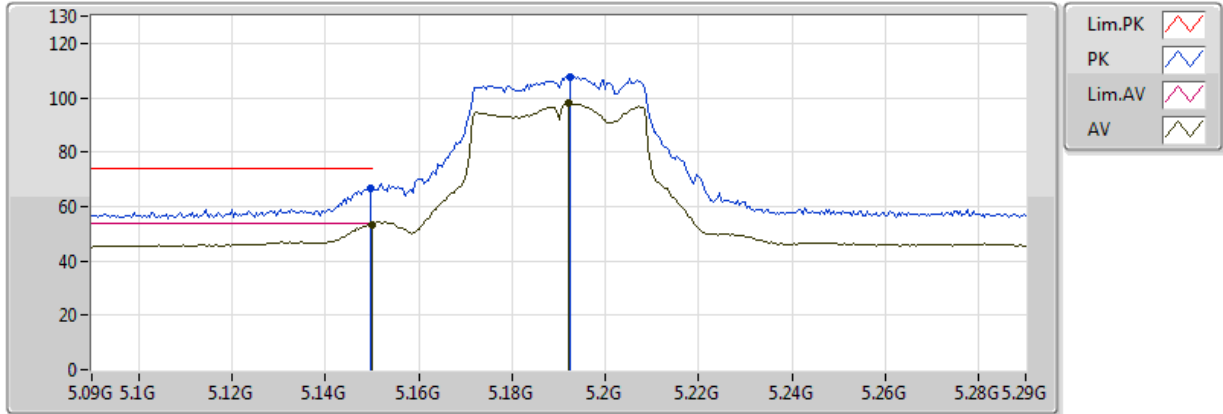


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1472G	48.39	54.00	-5.61	5.43	3	V	65	2.65	-
AV	5.1836G	92.10	Inf	-Inf	5.51	3	V	65	2.65	-
PK	5.1476G	61.99	74.00	-12.01	5.43	3	V	65	2.65	-
PK	5.1836G	103.81	Inf	-Inf	5.51	3	V	65	2.65	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

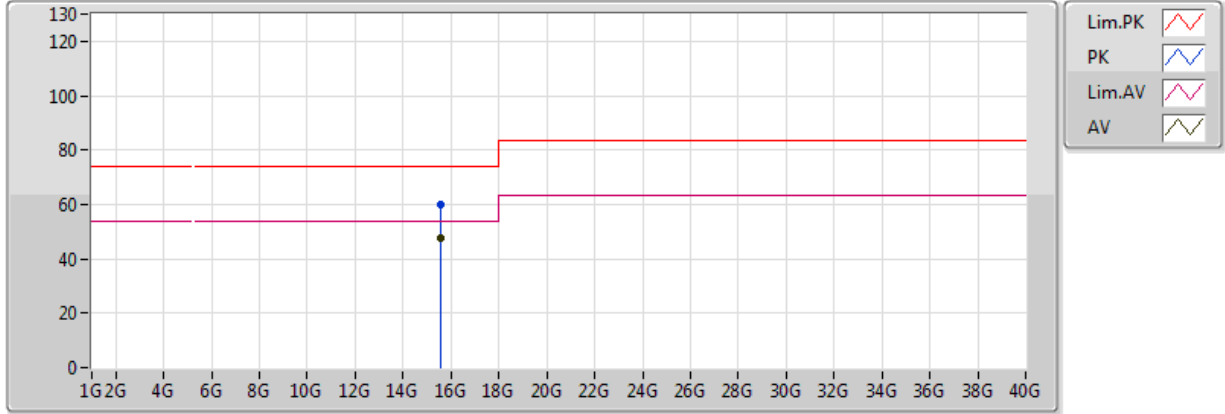


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.40	54.00	-0.60	5.44	3	H	195	1.50	-
AV	5.192G	98.14	Inf	-Inf	5.53	3	H	195	1.50	-
PK	5.1496G	66.94	74.00	-7.06	5.44	3	H	195	1.50	-
PK	5.1924G	107.86	Inf	-Inf	5.53	3	H	195	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

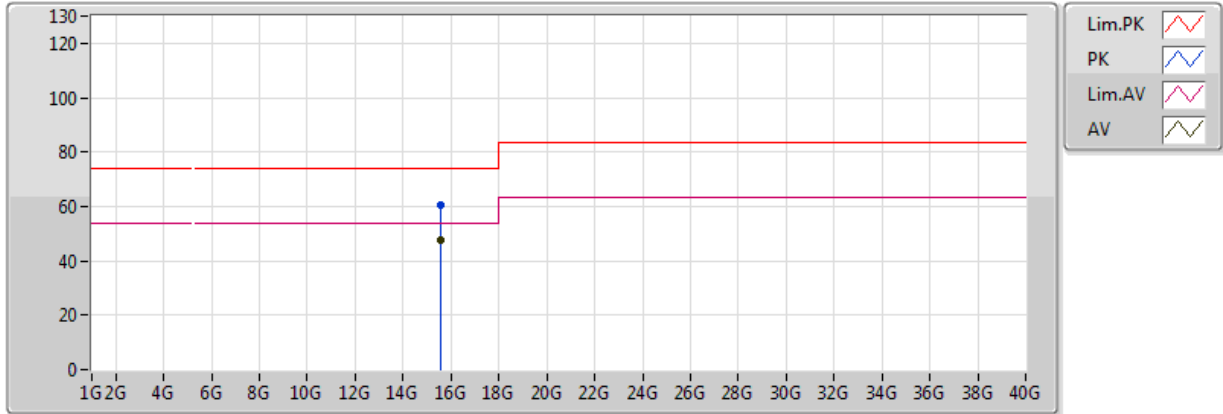


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.57G	47.35	54.00	-6.65	15.52	3	V	259	2.10	-
PK	15.57G	60.21	74.00	-13.79	15.52	3	V	259	2.10	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

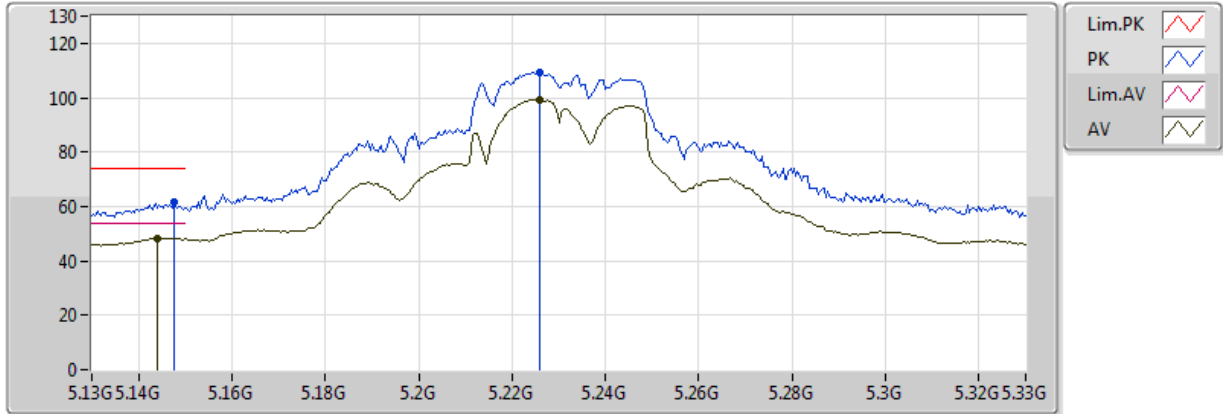


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.57G	47.43	54.00	-6.57	15.52	3	H	144	1.26	-
PK	15.57G	60.24	74.00	-13.76	15.52	3	H	144	1.26	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

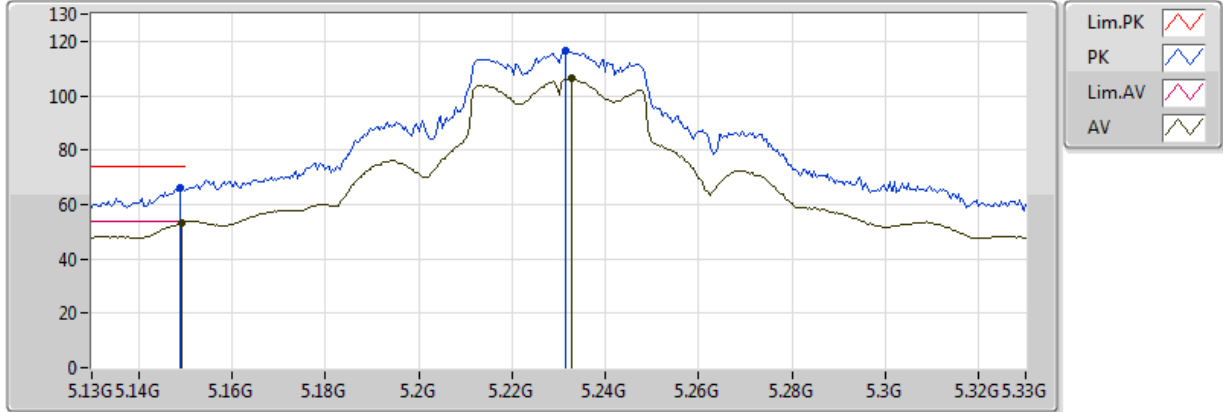


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.144G	48.46	54.00	-5.54	5.43	3	V	65	1.98	-
AV	5.226G	99.19	Inf	-Inf	5.58	3	V	65	1.98	-
PK	5.1476G	61.51	74.00	-12.49	5.43	3	V	65	1.98	-
PK	5.226G	109.46	Inf	-Inf	5.58	3	V	65	1.98	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

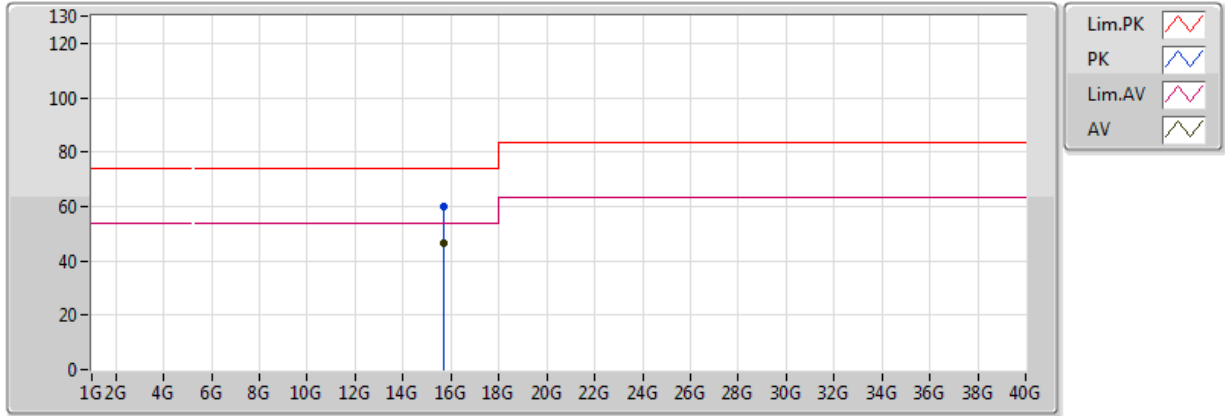


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	53.28	54.00	-0.72	5.44	3	H	195	1.80	-
AV	5.2328G	106.58	Inf	-Inf	5.58	3	H	195	1.80	-
PK	5.1488G	66.15	74.00	-7.85	5.44	3	H	195	1.80	-
PK	5.2316G	116.62	Inf	-Inf	5.58	3	H	195	1.80	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

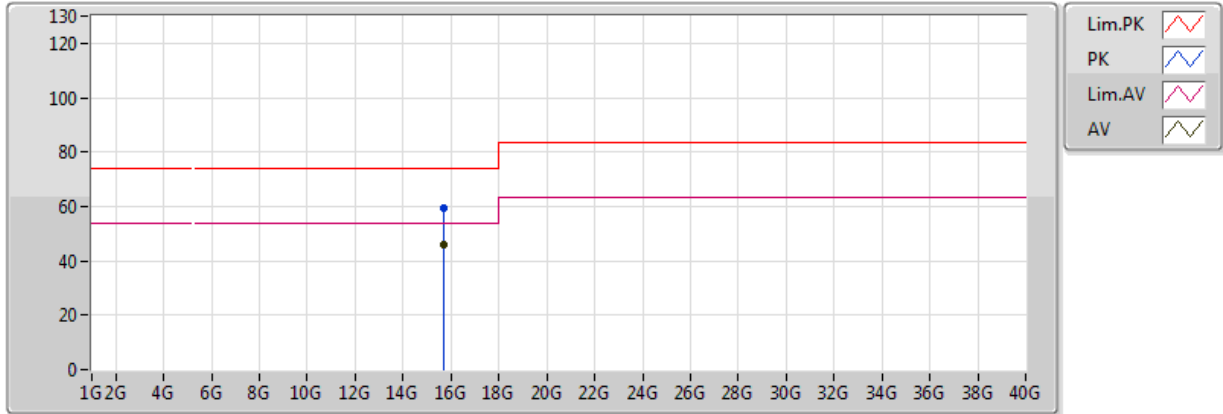


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69G	46.23	54.00	-7.77	15.52	3	V	4	1.01	-
PK	15.69G	59.88	74.00	-14.12	15.52	3	V	4	1.01	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

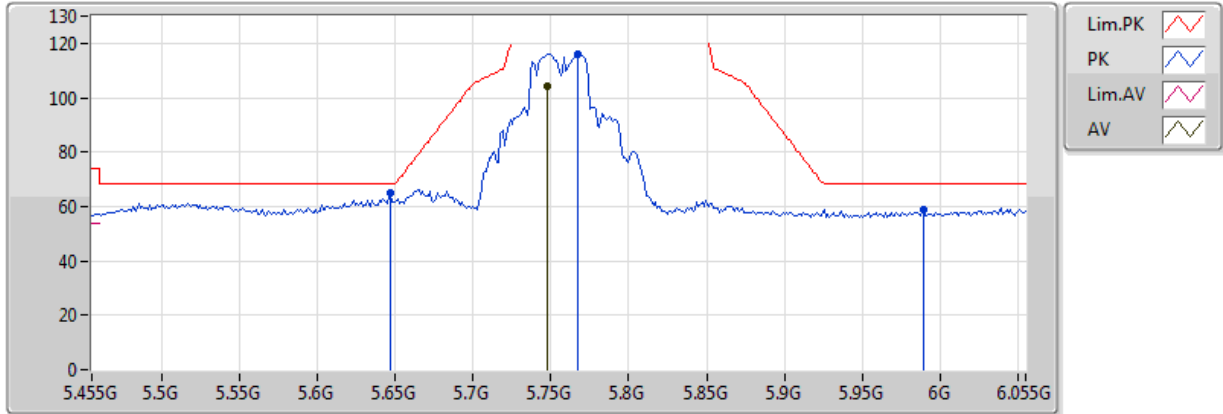


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69G	46.03	54.00	-7.97	15.52	3	H	356	1.20	-
PK	15.69G	59.25	74.00	-14.75	15.52	3	H	356	1.20	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

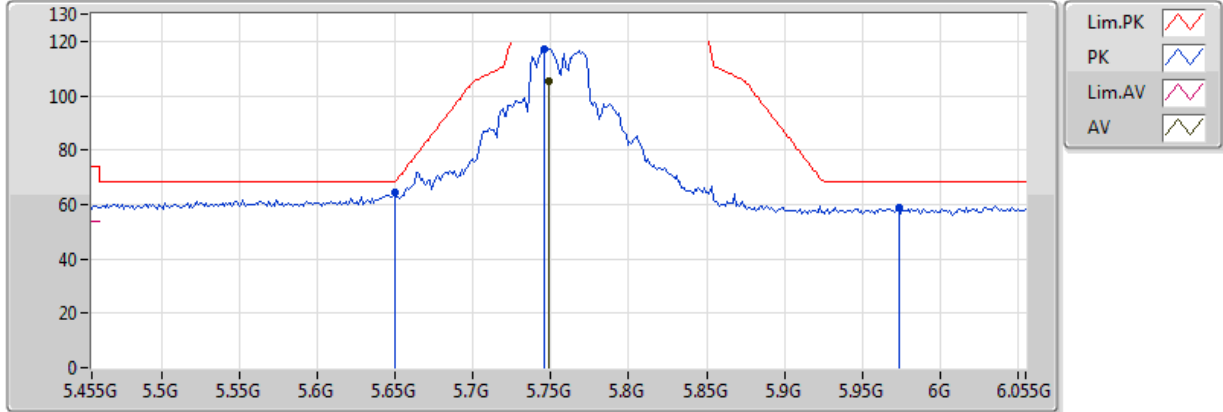


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7478G	104.35	Inf	-Inf	6.40	3	V	259	3.54	-
PK	5.647G	65.11	68.20	-3.09	6.30	3	V	259	3.54	-
PK	5.767G	115.92	Inf	-Inf	6.41	3	V	259	3.54	-
PK	5.989G	58.91	68.20	-9.29	6.70	3	V	259	3.54	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

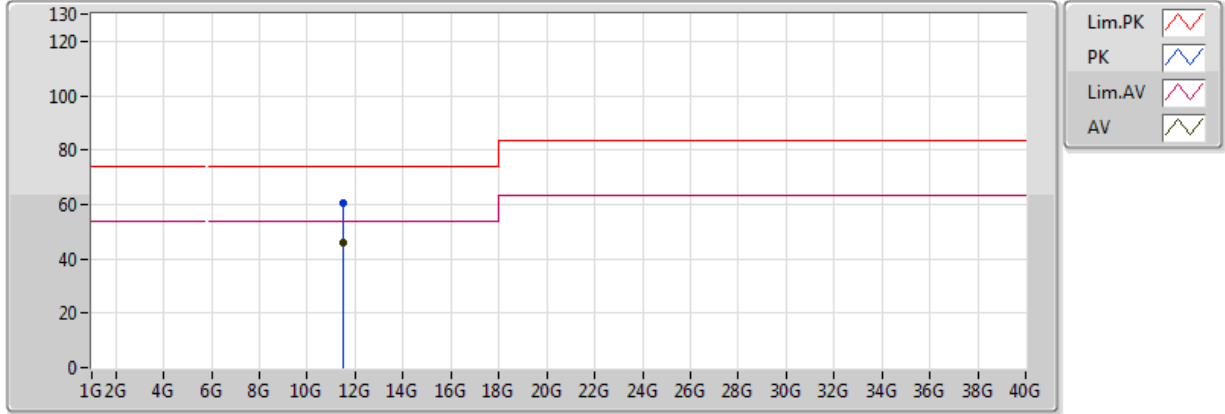


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.749G	105.49	Inf	-Inf	6.40	3	H	331	1.01	-
PK	5.6494G	64.30	68.20	-3.90	6.30	3	H	331	1.01	-
PK	5.7454G	117.29	Inf	-Inf	6.40	3	H	331	1.01	-
PK	5.9734G	58.62	68.20	-9.58	6.68	3	H	331	1.01	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

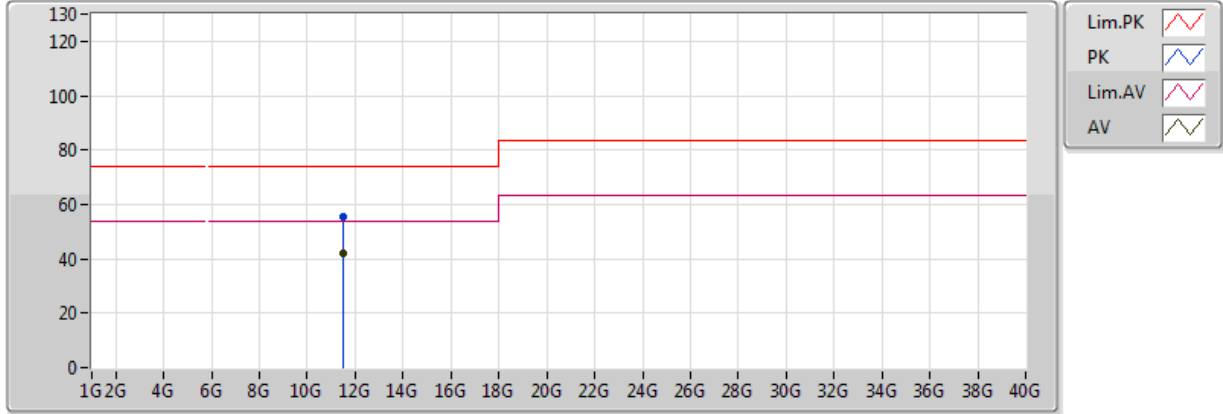


EUT = Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51G	46.21	54.00	-7.79	12.06	3	V	330	1.74	-
PK	11.51G	60.27	74.00	-13.73	12.06	3	V	330	1.74	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

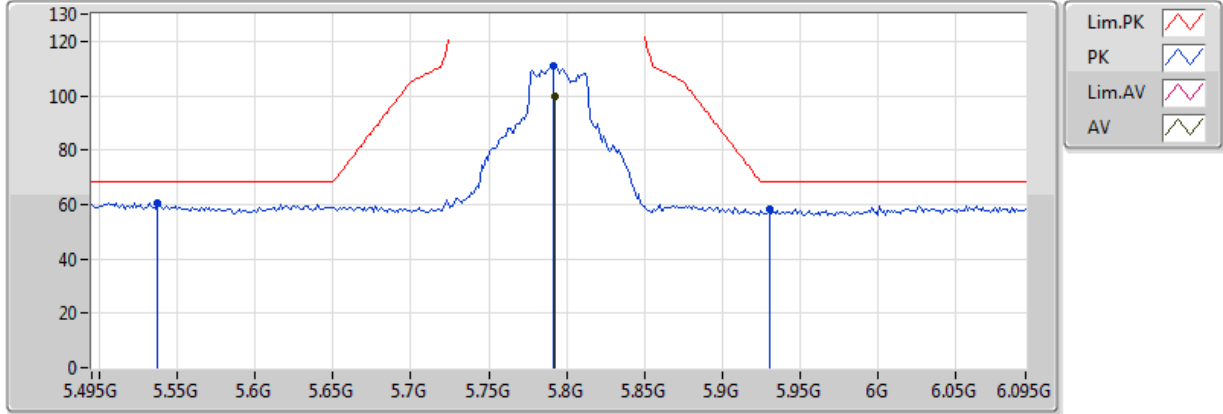


EUT = Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51G	41.82	54.00	-12.18	12.06	3	H	186	1.50	-
PK	11.51G	55.64	74.00	-18.36	12.06	3	H	186	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

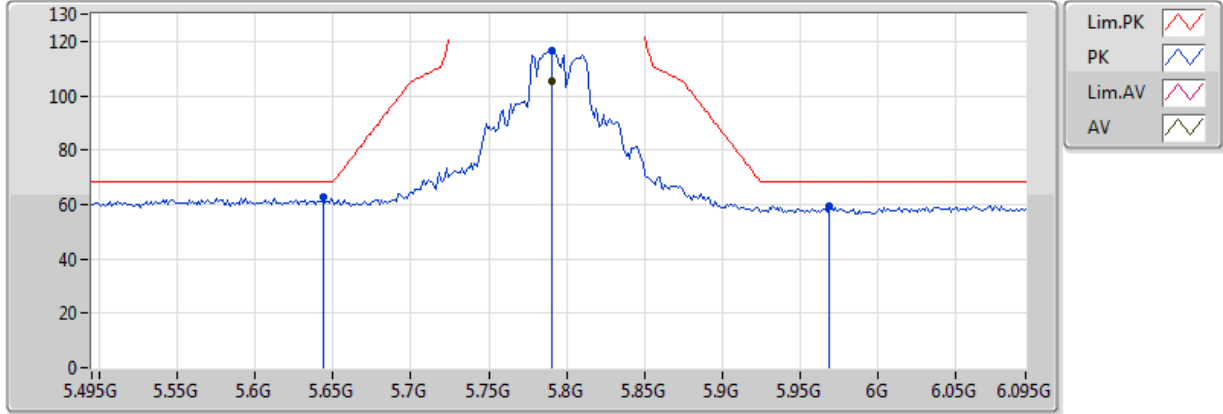


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7926G	99.52	Inf	-Inf	6.43	3	V	323	3.61	-
PK	5.537G	60.77	68.20	-7.43	6.14	3	V	323	3.61	-
PK	5.7914G	111.18	Inf	-Inf	6.42	3	V	323	3.61	-
PK	5.9306G	58.12	68.20	-10.08	6.62	3	V	323	3.61	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

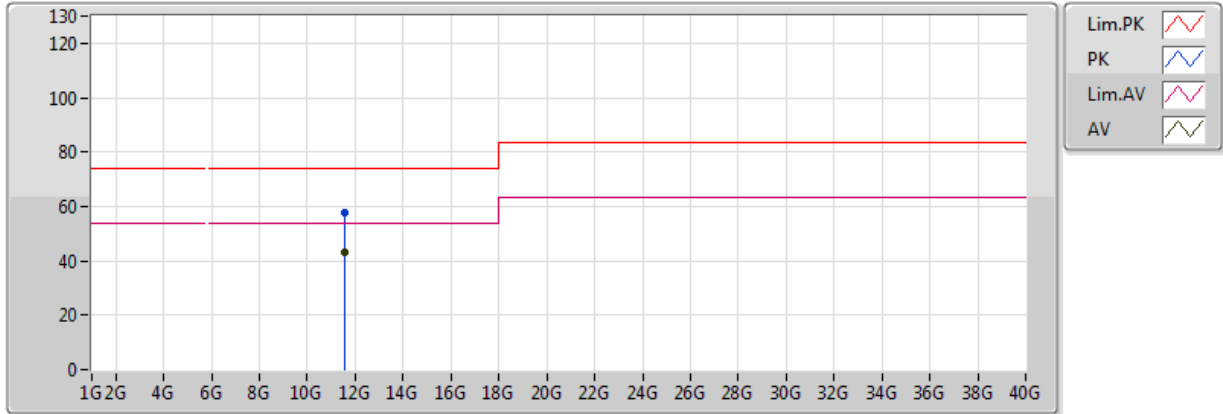


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7902G	105.08	Inf	-Inf	6.42	3	H	330	1.06	-
PK	5.6438G	62.51	68.20	-5.69	6.29	3	H	330	1.06	-
PK	5.7902G	116.60	Inf	-Inf	6.42	3	H	330	1.06	-
PK	5.969G	59.18	68.20	-9.02	6.67	3	H	330	1.06	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

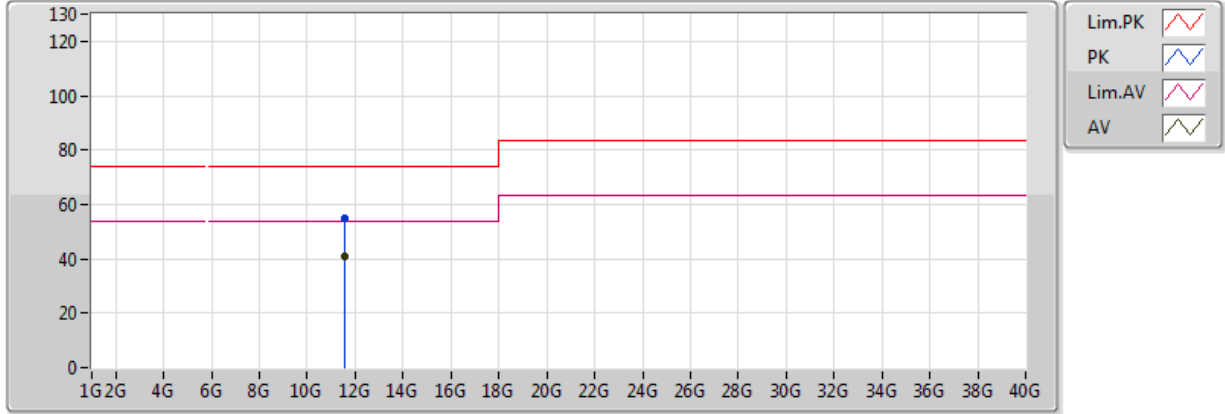


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59G	43.22	54.00	-10.78	12.16	3	V	314	1.01	-
PK	11.59G	57.45	74.00	-16.55	12.16	3	V	314	1.01	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

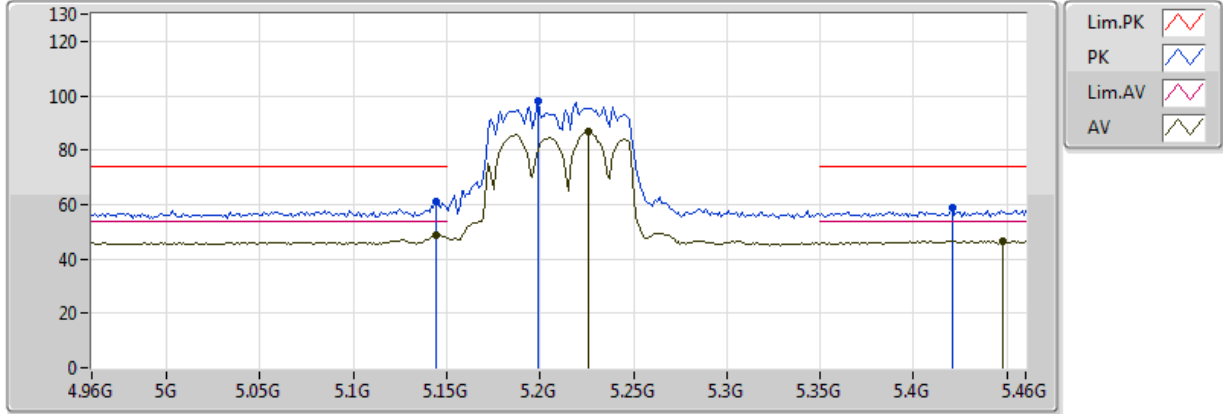


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59G	40.99	54.00	-13.01	12.16	3	H	186	1.52	-
PK	11.59G	55.04	74.00	-18.96	12.16	3	H	186	1.52	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

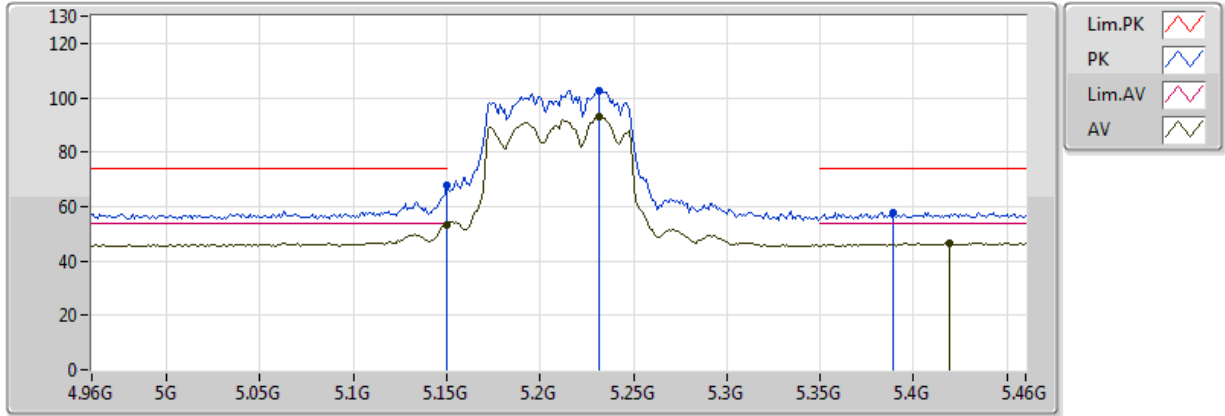


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.144G	48.64	54.00	-5.36	5.43	3	V	65	1.98	-
AV	5.226G	86.60	Inf	-Inf	5.58	3	V	65	1.98	-
AV	5.448G	46.52	54.00	-7.48	5.97	3	V	65	1.98	-
PK	5.144G	61.31	74.00	-12.69	5.43	3	V	65	1.98	-
PK	5.199G	97.84	Inf	-Inf	5.55	3	V	65	1.98	-
PK	5.421G	58.79	74.00	-15.21	5.91	3	V	65	1.98	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

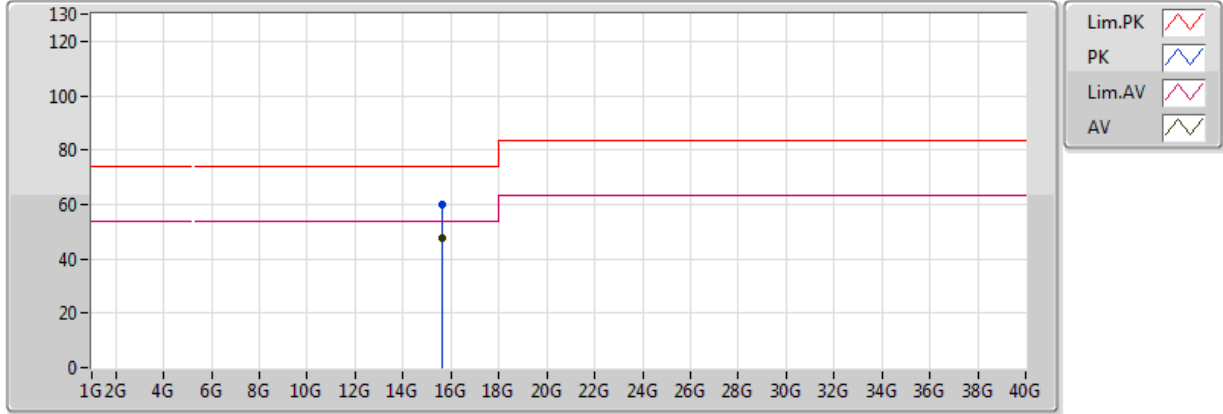


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.16	54.00	-0.84	5.44	3	H	196	1.80	-
AV	5.232G	93.24	Inf	-Inf	5.58	3	H	196	1.80	-
AV	5.419G	46.46	54.00	-7.54	5.91	3	H	196	1.80	-
PK	5.149995G	67.85	74.00	-6.15	5.44	3	H	196	1.80	-
PK	5.232G	102.53	Inf	-Inf	5.58	3	H	196	1.80	-
PK	5.389G	57.76	74.00	-16.24	5.85	3	H	196	1.80	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

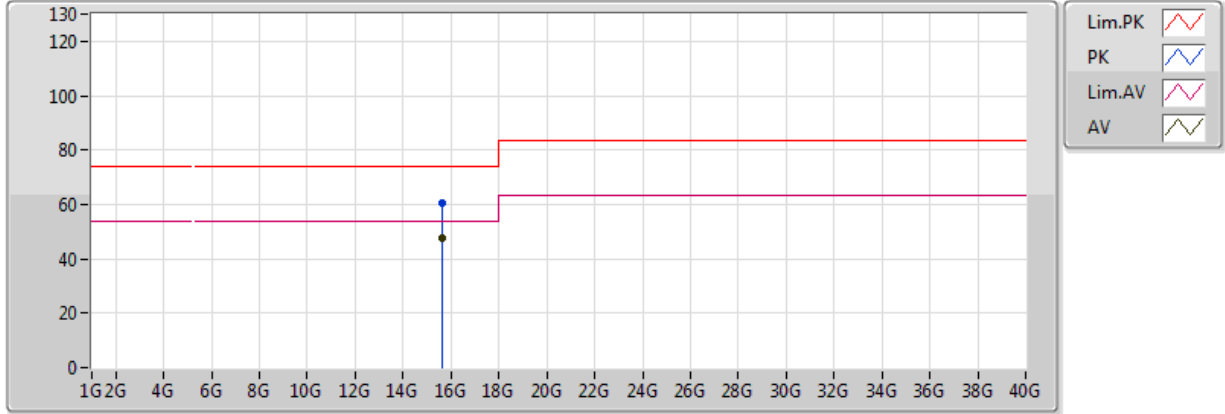


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63G	47.57	54.00	-6.43	15.52	3	V	306	1.27	-
PK	15.63G	59.80	74.00	-14.20	15.52	3	V	306	1.27	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

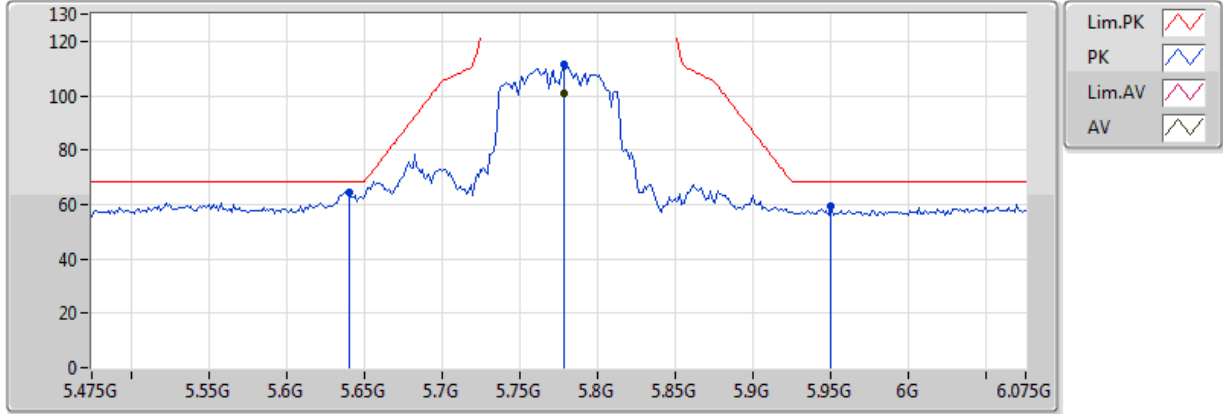


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63G	47.36	54.00	-6.64	15.52	3	H	226	2.28	-
PK	15.63G	60.27	74.00	-13.73	15.52	3	H	226	2.28	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

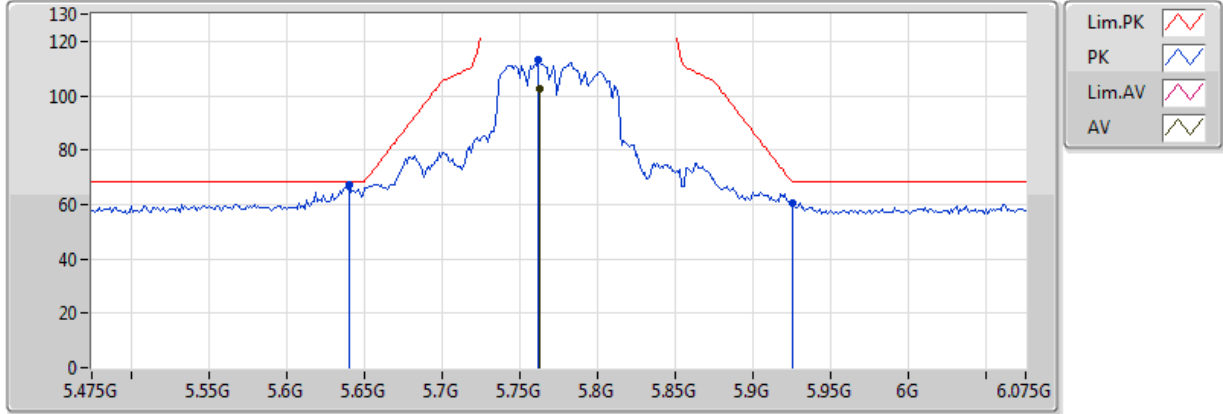


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7786G	100.62	Inf	-Inf	6.42	3	V	261	3.69	-
PK	5.6406G	64.57	68.20	-3.63	6.29	3	V	261	3.69	-
PK	5.7786G	111.35	Inf	-Inf	6.42	3	V	261	3.69	-
PK	5.9502G	59.27	68.20	-8.93	6.65	3	V	261	3.69	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

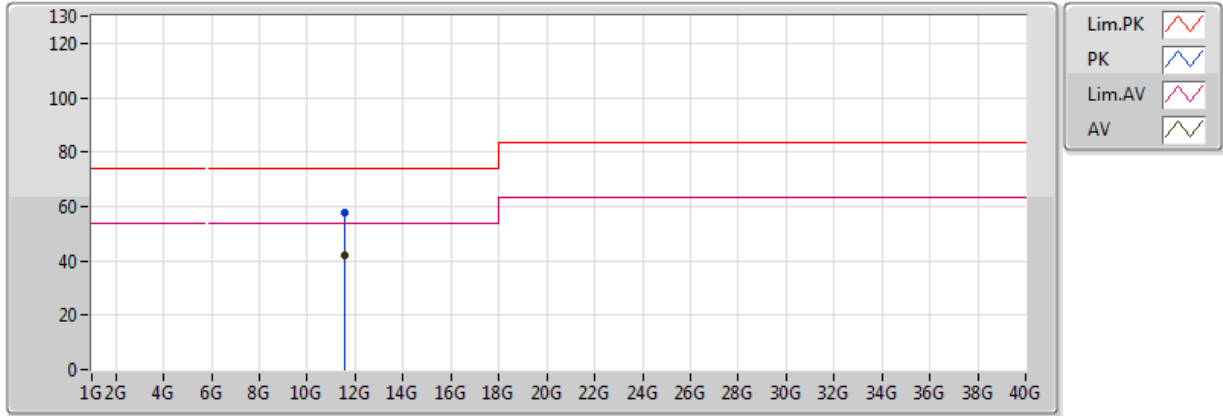


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.763G	102.47	Inf	-Inf	6.41	3	H	323	3.66	-
PK	5.6406G	67.29	68.20	-0.91	6.29	3	H	323	3.66	-
PK	5.7618G	113.44	Inf	-Inf	6.41	3	H	323	3.66	-
PK	5.925G	60.54	68.20	-7.66	6.61	3	H	323	3.66	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

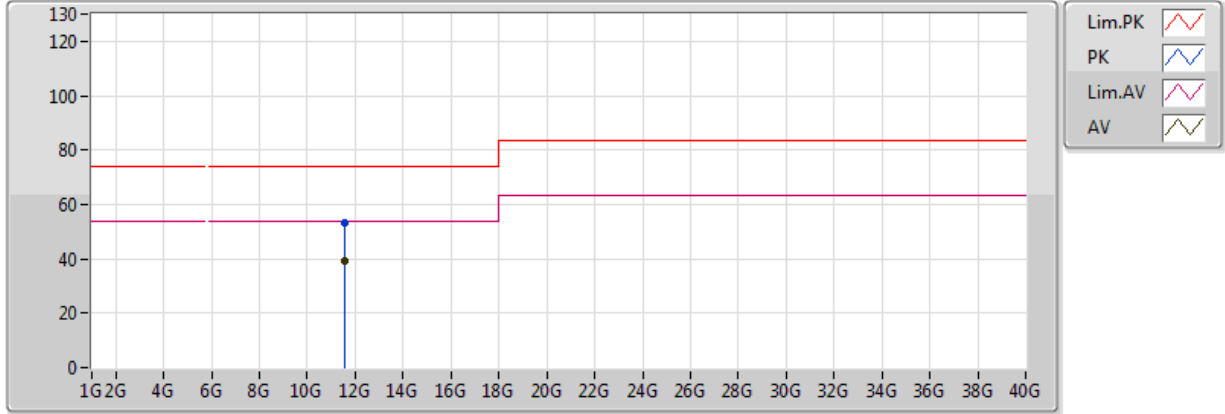


EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55G	42.21	54.00	-11.79	12.11	3	V	256	1.01	-
PK	11.55G	57.87	74.00	-16.13	12.11	3	V	256	1.01	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX



EUT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55G	39.35	54.00	-14.65	12.11	3	H	185	1.50	-
PK	11.55G	53.00	74.00	-21.00	12.11	3	H	185	1.50	-



Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	5.2G	5.199957G	8.292	20	1	10 min



Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-
5200MHz_0°C	Pass	5.2G	5.200032G	6.129	20	1	0 min
5200MHz_0°C	Pass	5.2G	5.200032G	6.129	20	1	2 min
5200MHz_0°C	Pass	5.2G	5.200026G	5.047	20	1	5 min
5200MHz_0°C	Pass	5.2G	5.200021G	3.966	20	1	10 min
5200MHz_10°C	Pass	5.2G	5.20003G	5.769	20	1	0 min
5200MHz_10°C	Pass	5.2G	5.200019G	3.605	20	1	2 min
5200MHz_10°C	Pass	5.2G	5.200024G	4.687	20	1	5 min
5200MHz_10°C	Pass	5.2G	5.200028G	5.408	20	1	10 min
5200MHz_20°C	Pass	5.2G	5.199993G	1.442	20	1	0 min
5200MHz_20°C	Pass	5.2G	5.199991G	1.803	20	1	2 min
5200MHz_20°C	Pass	5.2G	5.199983G	3.245	20	1	5 min
5200MHz_20°C	Pass	5.2G	5.199989G	2.163	20	1	10 min
5200MHz_30°C	Pass	5.2G	5.19997G	5.769	20	1	0 min
5200MHz_30°C	Pass	5.2G	5.199968G	6.129	20	1	2 min
5200MHz_30°C	Pass	5.2G	5.199976G	4.687	20	1	5 min
5200MHz_30°C	Pass	5.2G	5.199957G	8.292	20	1	10 min
5200MHz_40°C	Pass	5.2G	5.199957G	8.292	20	1	0 min
5200MHz_40°C	Pass	5.2G	5.199968G	6.129	20	1	2 min
5200MHz_40°C	Pass	5.2G	5.199966G	6.49	20	1	5 min
5200MHz_40°C	Pass	5.2G	5.199959G	7.932	20	1	10 min
5200MHz_138V	Pass	5.2G	5.199987G	2.524	20	1	0 min
5200MHz_138V	Pass	5.2G	5.199989G	2.163	20	1	2 min
5200MHz_138V	Pass	5.2G	5.199993G	1.442	20	1	5 min
5200MHz_138V	Pass	5.2G	5.199993G	1.442	20	1	10 min
5200MHz_120V	Pass	5.2G	5.199996G	0.721	20	1	0 min
5200MHz_120V	Pass	5.2G	5.199993G	1.442	20	1	2 min
5200MHz_120V	Pass	5.2G	5.199991G	1.803	20	1	5 min
5200MHz_120V	Pass	5.2G	5.199976G	4.687	20	1	10 min
5200MHz_102V	Pass	5.2G	5.199983G	3.245	20	1	0 min
5200MHz_102V	Pass	5.2G	5.200002G	0.361	20	1	2 min
5200MHz_102V	Pass	5.2G	5.199989G	2.163	20	1	5 min
5200MHz_102V	Pass	5.2G	5.199998G	0.361	20	1	10 min