FCC Test Report

Equipment	:	2x2 802.11n PCIe module
Brand Name	:	WNC
Model No.	:	DNXA-116
FCC ID	:	NKR-DNXA116
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5150 MHz – 5250 MHz 5250 MHz – 5350 MHz 5470 MHz – 5725 MHz 5725 MHz – 5850 MHz
Applicant	:	Wistron NeWeb Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308,Taiwan,R.O.C.
Manufacturer	:	Wistron NeWeb Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308,Taiwan,R.O.C.
Function	:	☐ Outdoor; ☒ Indoor; ☐ Fixed P2P ☐ Client
TPC Function	:	☒ With TPC ☐ Without TPC

The product sample received on May 15, 2017 and completely tested on Jun. 12, 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.

Cliff Chang
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

Table of Contents

1 GENERAL DESCRIPTION 5

1.1 Information 5
1.2 Testing Applied Standards 7
1.3 Testing Location Information 7
1.4 Measurement Uncertainty 8

2 TEST CONFIGURATION OF EUT 9

2.1 Test Channel Mode 9
2.2 The Worst Case Measurement Configuration 10
2.3 EUT Operation during Test 11
2.4 Accessories 11
2.5 Support Equipment 11
2.6 Test Setup Diagram 12

3 TRANSMITTER TEST RESULT 15

3.1 AC Power-line Conducted Emissions 15
3.2 Emission Bandwidth 16
3.3 Maximum Conducted Output Power 17
3.4 Peak Power Spectral Density 19
3.5 Unwanted Emissions 22
3.6 Frequency Stability 26

4 TEST EQUIPMENT AND CALIBRATION DATA 27

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

Revision History

Report No.	Version	Description	Issued Date
FR290357-14AB	Rev. 01	Initial issue of report	Jul. 13, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]

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	802.11n HT40	40	2TX
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Color Of Cable	Gain (dBi)	
						2.4GHz	5GHz
1	VSO	MS-9A38	PIFA Antenna	I-PEX	Gray	2.6	1.8
2	VSO	MS-9A38	PIFA Antenna	I-PEX	Black	2.2	2.5

Note: The EUT has two antennas (2TX/2RX).

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.969	0.137	1.363m	1k
802.11n HT20	0.967	0.146	1.275m	1k
802.11n HT40	0.935	0.292	635u	3k

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz

1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR290357AB.

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Changing the antenna to "Model No.: MS-9A38" from "Model No.: 1000615-A". 2. Adding 5GHz band 2 and band 3 (5250~5350 MHz, 5470~5725 MHz) for this device. 3. Updating test rule of 5GHz band 1 and band 4 (5150~5250 MHz, 5725~5850MHz) to “New Rules” from “Old Rules”.	All test items.

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v01r04
- FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location							
☐	HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.			
		TEL	:	886-3-327-3456	FAX	:	886-3-318-0055
☒	JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.			
		TEL	:	886-3-656-9065	FAX	:	886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Serway Li	25°C / 60%	May 29, 2017
Radiated	03CH01-CB	Brian Sun	22°C / 54%	May 24, 2017~May 29, 2017
AC Conduction	CO01-CB	Rick Yeh	25°C / 60%	Jun. 12, 2017

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%
Frequency Stability	6.06×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_(6Mbps)_2TX	-
5180MHz	18.5
5200MHz	22
5240MHz	16.5
5260MHz	21
5300MHz	19.5
5320MHz	17.5
5500MHz	15
5580MHz	19.5
5700MHz	16
5745MHz	17.5
5785MHz	17
5825MHz	19
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	18.5
5200MHz	22.5
5240MHz	19
5260MHz	20
5300MHz	20
5320MHz	19
5500MHz	15
5580MHz	18
5700MHz	13.5
5745MHz	18
5785MHz	19.5
5825MHz	18.5
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	13.5
5230MHz	16.5
5270MHz	22.5
5310MHz	11.5
5510MHz	8.5
5550MHz	19.5
5670MHz	17.5
5755MHz	19
5795MHz	19

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	Normal Link - 2.4GHz WLAN function
2	Normal Link - 5GHz WLAN function
For operating mode 2 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Frequency Stability
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 < 1GHz	Normal Link
1	Normal Link - EUT Z axis + 2.4GHz WLAN function
2	Normal Link - EUT Z axis + 5GHz WLAN function
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.	
1	CTX - EUT Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - RF Exposure Evaluation
Operating Mode	
1	2.4GHz WLAN function
2	5GHz WLAN function
Refer to Sporton Test Report No.: FA290357-14 for RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AP Router	Planex	GW-AP54SGX	KA220030603014-1
2	NB	DELL	E6430	DoC
3	Test fixture	WNC	48DNXE07.S1A	N/A
4	Earphone	SHYARO CHI	MIC-04	N/A
5	Mouse	HP	FM100	DoC

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

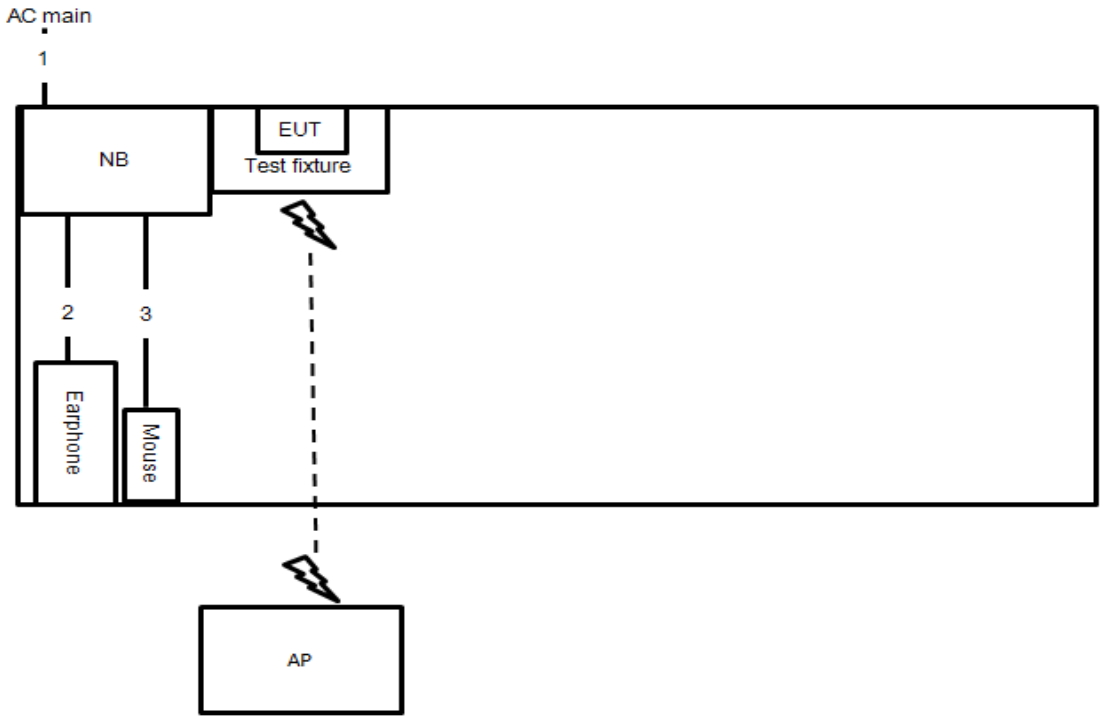
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AP Router	ENTGEAR	EX6200	N/A
2	NB	DELL	E4300	DoC
3	Test fixture	WNC	48DNXE07.S1A	N/A
4	Earphone	SHYARO CHI	MIC-04	N/A
5	Mouse	Logitech	M1126	DoC

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC
2	Test fixture	WNC	48DNXE07.S1A	N/A

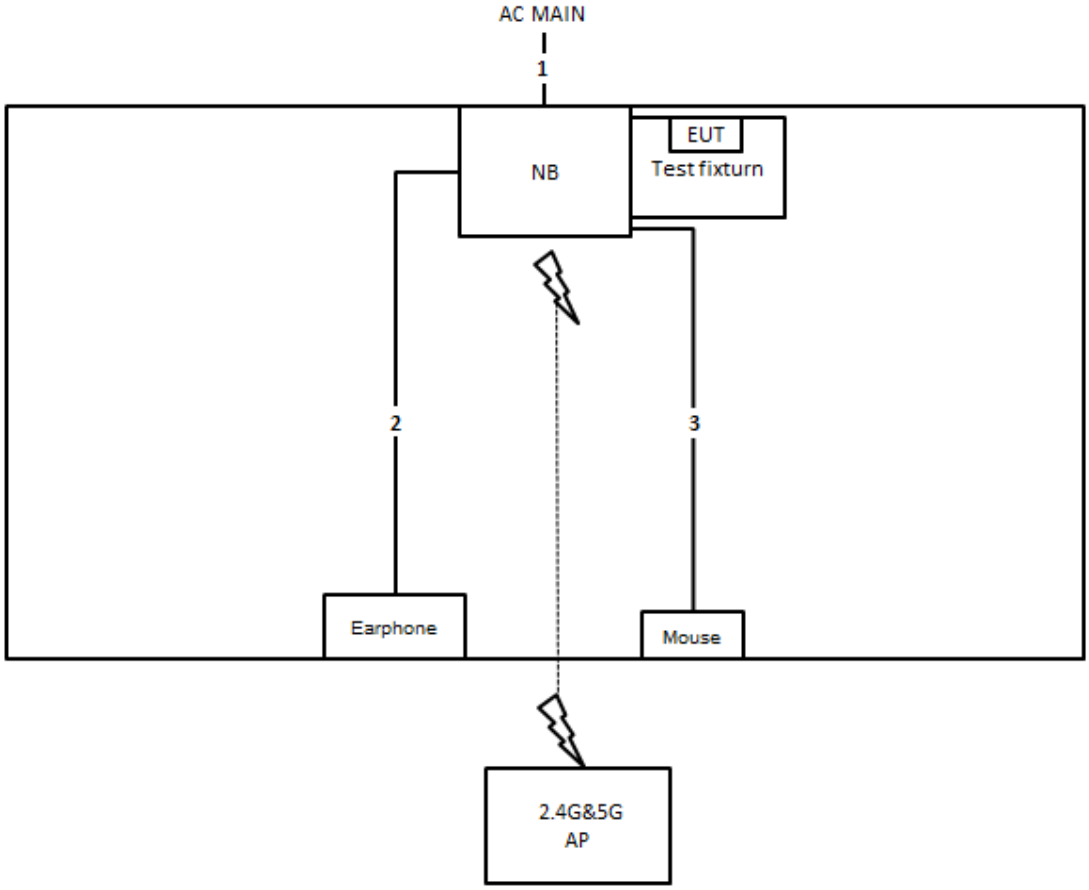
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



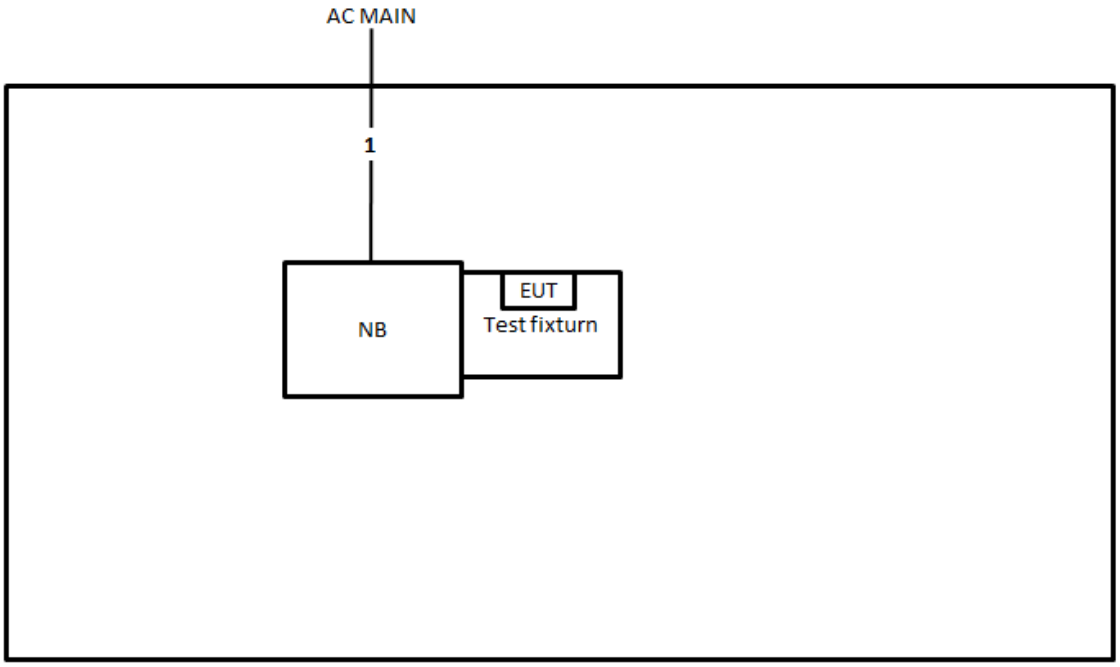
Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	Audio cable	No	1.8m
3	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Audio cable	No	1.1m
3	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	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

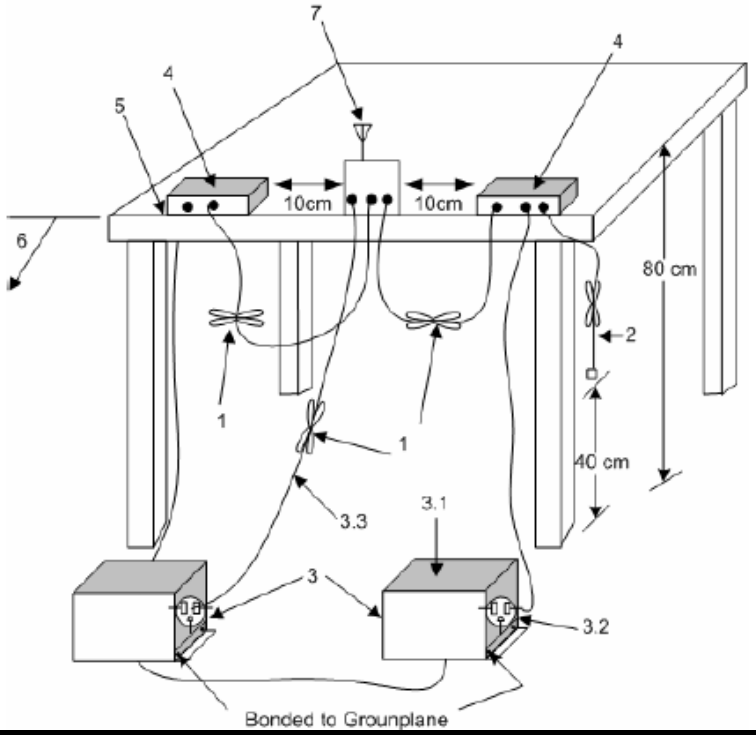
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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	
☒	For the 5.15-5.25 GHz band, N/A
☒	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.
☒	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.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

3.2.2 Measuring Instruments

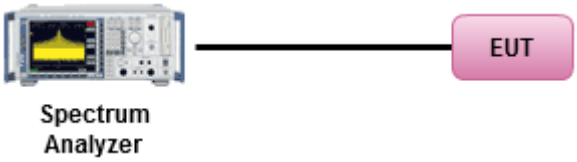
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☒	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ 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).
☒	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).
☒	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).
☒	For the 5.725-5.85 GHz band:
	▪ 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.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ 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	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC 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
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Power Meter)


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	
☒	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)..
☒	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).
☒	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).
☒	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.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
☐	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.	

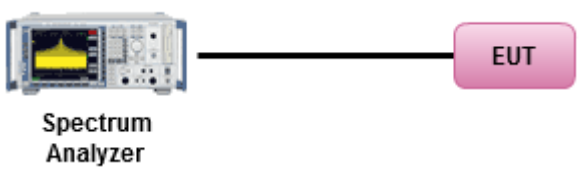
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪ 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:	
☐ Refer as FCC 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% or external video / power trigger]	
☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
duty cycle < 98% and average over on/off periods with duty factor	
☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.	
▪ If the EUT supports multiple transmit chains using options given below:	
☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,	
☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.	
▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


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	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).

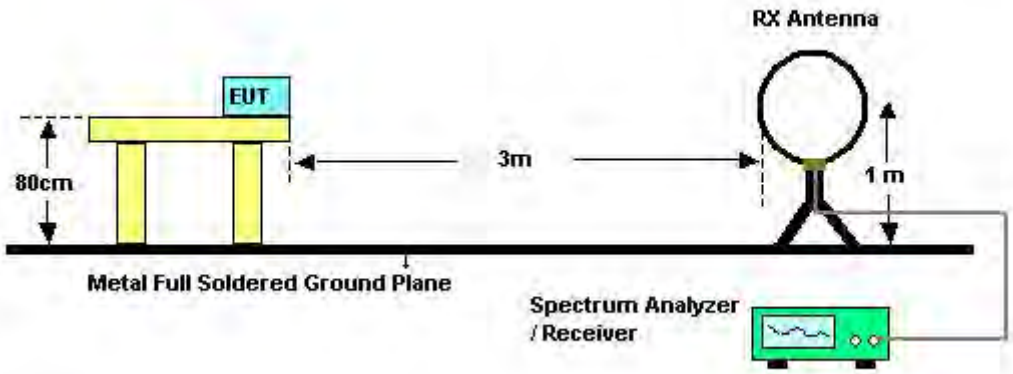
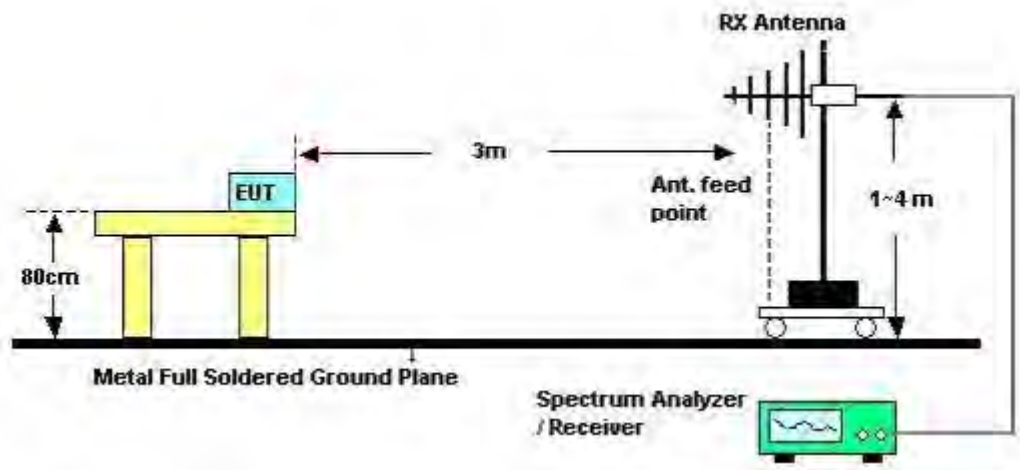
3.5.2 Measuring Instruments

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

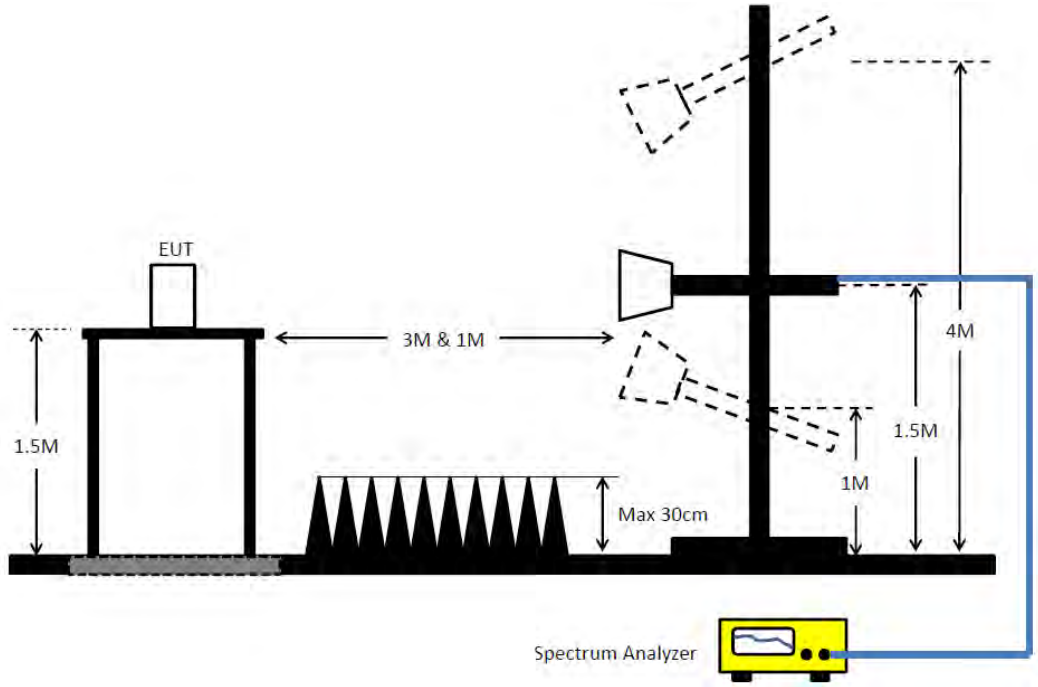
3.5.3 Test Procedures

Test Method		
▪ 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).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ 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

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

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
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
LE-LAN Devices
▪ N/A
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

3.6.2 Measuring Instruments

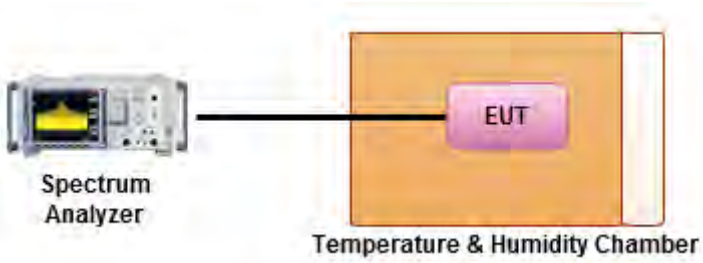
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪ Frequency stability with respect to ambient temperature
	▪ Frequency stability when varying supply voltage
	▪ Extreme temperature is -30˚C~50˚C.

3.6.4 Test Setup

Frequency Stability



3.6.5 Test Result of Frequency Stability

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 23, 2017	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 14, 2016	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 21, 2016	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2016	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 25, 2016	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jun. 28, 2016	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)

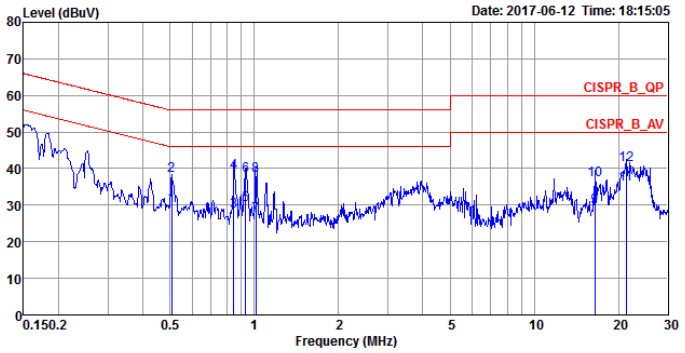
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Conducted (TH01-CB)

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

"*" Calibration Interval of instruments listed above is two years.

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

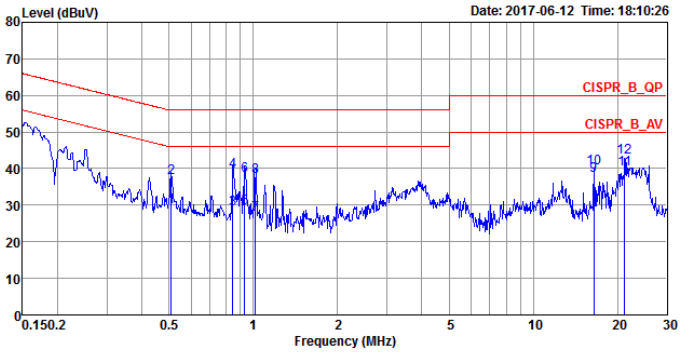
AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.5074	29.88	-16.12	46.00	19.60	10.22	0.06	Average	NEUTRAL
2	0.5074	37.95	-18.05	56.00	27.67	10.22	0.06	QP	NEUTRAL
3	0.8433	28.36	-17.64	46.00	18.10	10.10	0.16	Average	NEUTRAL
4	0.8433	39.00	-17.00	56.00	28.74	10.10	0.16	QP	NEUTRAL
5	0.9331	30.17	-15.83	46.00	19.92	10.07	0.18	Average	NEUTRAL
6	0.9331	38.22	-17.78	56.00	27.97	10.07	0.18	QP	NEUTRAL
7	1.0128	27.18	-18.82	46.00	16.94	10.05	0.19	Average	NEUTRAL
8	1.0128	38.10	-17.90	56.00	27.86	10.05	0.19	QP	NEUTRAL
9	16.4856	29.41	-20.59	50.00	18.93	10.29	0.19	Average	NEUTRAL
10	16.4856	36.93	-23.07	60.00	26.45	10.29	0.19	QP	NEUTRAL
11	21.2596	35.60	-14.40	50.00	25.02	10.37	0.21	Average	NEUTRAL
12	21.2596	41.14	-18.86	60.00	30.56	10.37	0.21	QP	NEUTRAL

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

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Line
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.5084	29.57	-16.43	46.00	19.56	9.95	0.06	Average	LINE
2	0.5084	37.44	-18.56	56.00	27.43	9.95	0.06	QP	LINE
3	0.8457	28.78	-17.22	46.00	18.66	9.96	0.16	Average	LINE
4	0.8457	39.25	-16.75	56.00	29.13	9.96	0.16	QP	LINE
5	0.9303	29.20	-16.80	46.00	19.06	9.96	0.18	Average	LINE
6	0.9303	38.16	-17.84	56.00	28.02	9.96	0.18	QP	LINE
7	1.0157	27.44	-18.56	46.00	17.29	9.96	0.19	Average	LINE
8	1.0157	37.66	-18.34	56.00	27.51	9.96	0.19	QP	LINE
9	16.4632	37.94	-12.06	50.00	27.48	10.27	0.19	Average	LINE
10	16.4632	40.16	-19.84	60.00	29.70	10.27	0.19	QP	LINE
11	21.1678	39.74	-10.26	50.00	29.17	10.36	0.21	Average	LINE
12	21.1678	43.12	-16.88	60.00	32.55	10.36	0.21	QP	LINE

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

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	46.55M	24.163M	24M2D1D	31.85M	16.842M
5.25-5.35GHz	46.625M	26.287M	26M3D1D	40.55M	17.366M
5.47-5.725GHz	46.375M	24.938M	24M9D1D	40.475M	17.641M
5.725-5.85GHz	16.325M	21.714M	21M7D1D	16.25M	17.291M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	49.95M	27.486M	27M5D1D	45.7M	18.216M
5.25-5.35GHz	49.05M	24.838M	24M8D1D	48.05M	19.89M
5.47-5.725GHz	48.725M	21.064M	21M1D1D	29.7M	17.866M
5.725-5.85GHz	17.55M	23.213M	23M2D1D	17.25M	18.691M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	87.75M	37.081M	37M1D1D	60.6M	36.482M
5.25-5.35GHz	99.95M	62.619M	62M6D1D	53.4M	36.532M
5.47-5.725GHz	98.35M	49.575M	49M6D1D	53.1M	36.432M
5.725-5.85GHz	36.3M	46.877M	46M9D1D	35.7M	41.979M

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;

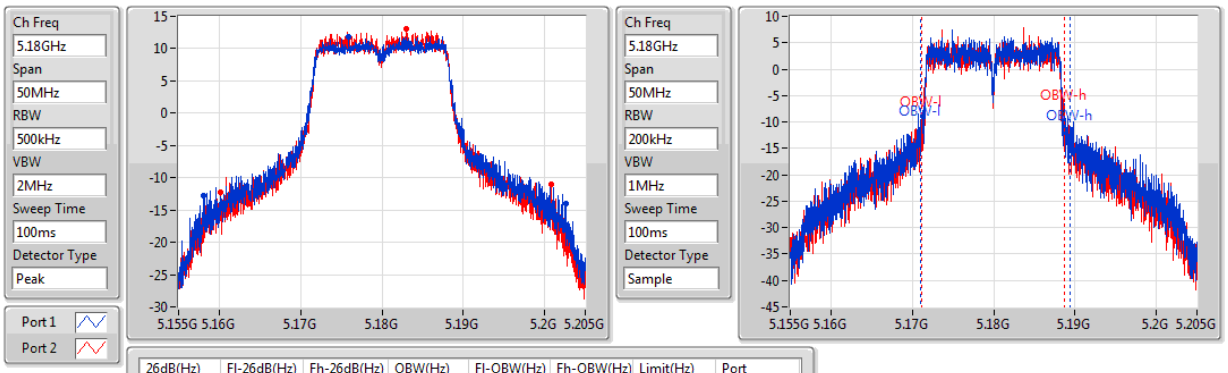
Result

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	Pass	Inf	44.55M	18.341M	40.725M	17.516M
5200MHz	Pass	Inf	46.55M	24.163M	44.975M	23.263M
5240MHz	Pass	Inf	36.875M	16.942M	31.85M	16.842M
5260MHz	Pass	Inf	46.625M	26.287M	44.675M	23.063M
5300MHz	Pass	Inf	46.025M	22.589M	44.975M	20.915M
5320MHz	Pass	Inf	43.25M	18.816M	40.55M	17.366M
5500MHz	Pass	Inf	44.1M	18.541M	43.475M	18.341M
5580MHz	Pass	Inf	46.375M	24.938M	45.025M	24.638M
5700MHz	Pass	Inf	42.45M	17.641M	40.475M	17.691M
5745MHz	Pass	500k	16.325M	17.466M	16.25M	18.191M
5785MHz	Pass	500k	16.275M	17.291M	16.325M	18.391M
5825MHz	Pass	500k	16.25M	18.891M	16.275M	21.714M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	45.7M	18.366M	46.075M	18.316M
5200MHz	Pass	Inf	49.95M	27.486M	49.425M	24.963M
5240MHz	Pass	Inf	46.8M	19.415M	46.475M	18.216M
5260MHz	Pass	Inf	48.125M	24.838M	48.05M	22.264M
5300MHz	Pass	Inf	48.8M	24.263M	48.675M	23.363M
5320MHz	Pass	Inf	49.05M	24.063M	48.1M	19.89M
5500MHz	Pass	Inf	43.675M	18.466M	45.2M	18.341M
5580MHz	Pass	Inf	48.725M	21.064M	47.375M	20.565M
5700MHz	Pass	Inf	29.7M	17.916M	29.825M	17.866M
5745MHz	Pass	500k	17.5M	18.691M	17.275M	19.265M
5785MHz	Pass	500k	17.275M	21.264M	17.275M	23.213M
5825MHz	Pass	500k	17.25M	19.44M	17.55M	21.639M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	69.6M	36.482M	60.6M	36.582M
5230MHz	Pass	Inf	87.75M	36.982M	81.45M	37.081M
5270MHz	Pass	Inf	99.95M	62.619M	99.3M	57.071M
5310MHz	Pass	Inf	56.85M	36.632M	53.4M	36.532M
5510MHz	Pass	Inf	55.55M	36.482M	53.1M	36.432M
5550MHz	Pass	Inf	98.35M	49.375M	97.6M	49.575M
5670MHz	Pass	Inf	94.15M	38.631M	92.5M	39.28M
5755MHz	Pass	500k	36.3M	41.979M	36.05M	44.328M
5795MHz	Pass	500k	36.05M	42.129M	35.7M	46.877M

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;

802.11a_(6Mbps)_2TX EBW

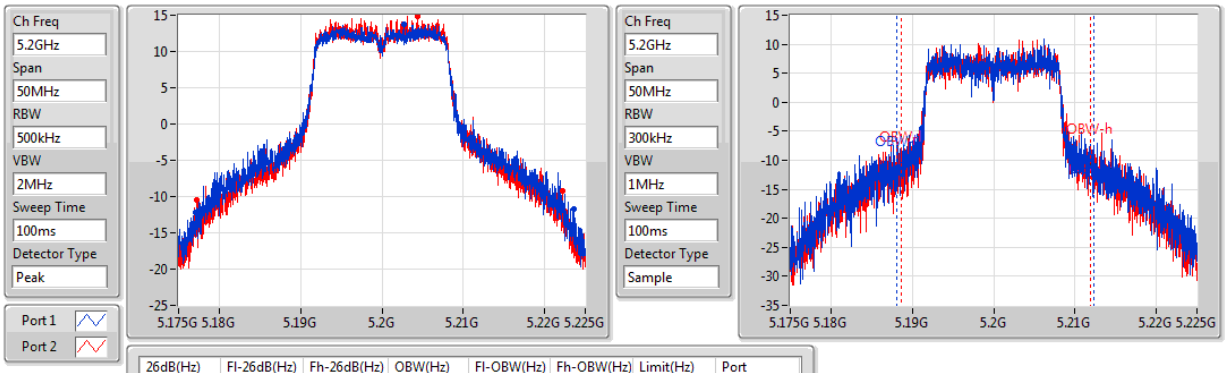
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.55M	5.15805G	5.2026G	18.341M	5.171029G	5.18937G	Inf	1
40.725M	5.16015G	5.200875G	17.516M	5.171204G	5.188721G	Inf	2

802.11a_(6Mbps)_2TX EBW

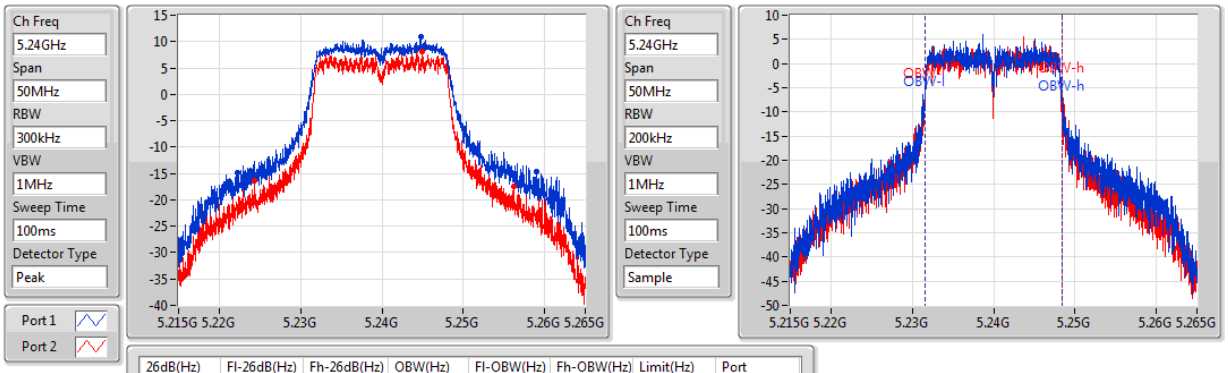
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.55M	5.1771G	5.22365G	24.163M	5.188106G	5.212269G	Inf	1
44.975M	5.177275G	5.22225G	23.263M	5.188631G	5.211894G	Inf	2

802.11a_(6Mbps)_2TX EBW

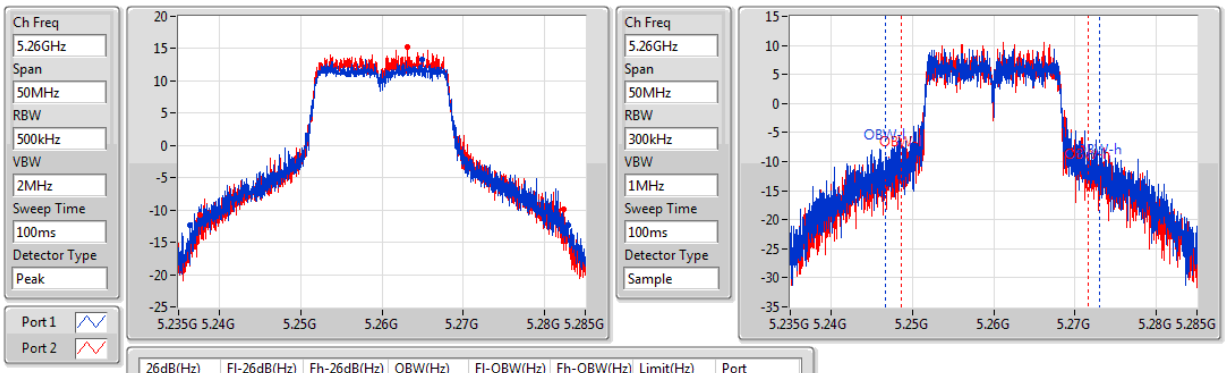
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.875M	5.2222G	5.259075G	16.942M	5.231529G	5.248471G	Inf	1
31.85M	5.224325G	5.256175G	16.842M	5.231554G	5.248396G	Inf	2

802.11a_(6Mbps)_2TX EBW

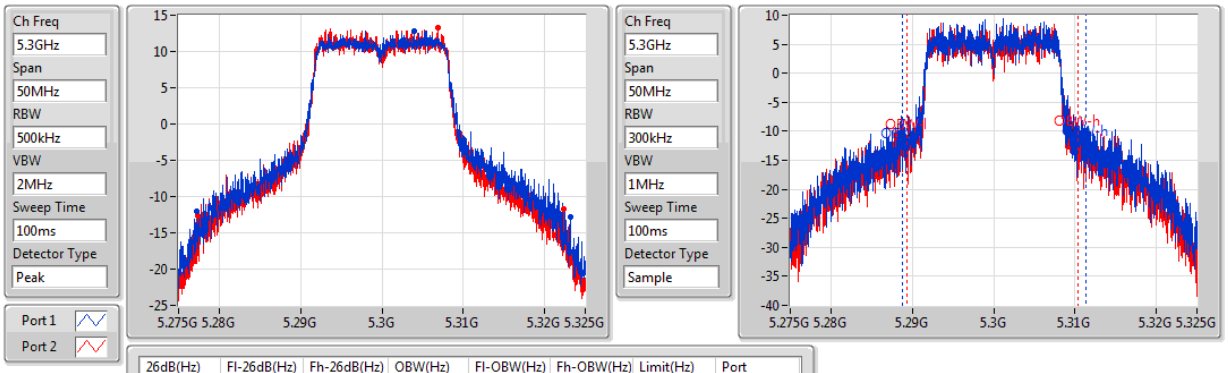
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.625M	5.236325G	5.28295G	26.287M	5.246707G	5.272994G	Inf	1
44.675M	5.23765G	5.282325G	23.063M	5.248581G	5.271644G	Inf	2

802.11a_(6Mbps)_2TX EBW

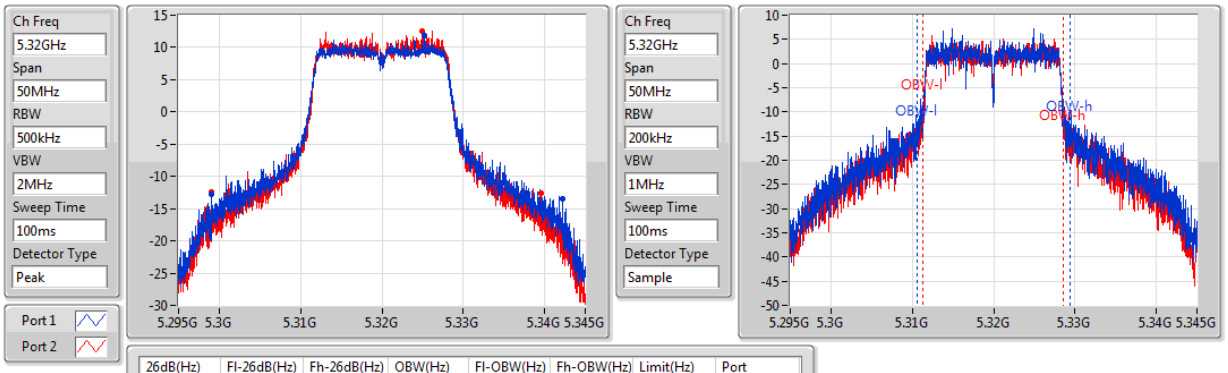
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.025M	5.277175G	5.3232G	22.589M	5.288781G	5.311369G	Inf	1
44.975M	5.27735G	5.322325G	20.915M	5.289405G	5.31032G	Inf	2

802.11a_(6Mbps)_2TX EBW

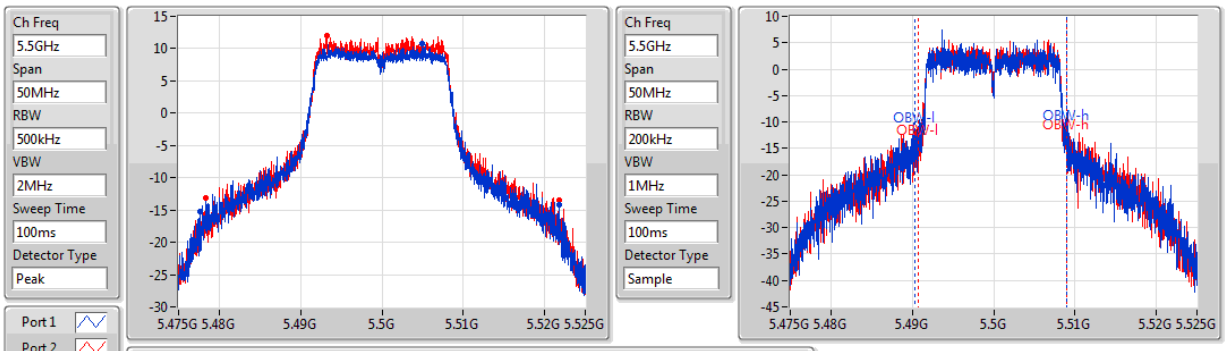
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.25M	5.298975G	5.342225G	18.816M	5.310555G	5.32937G	Inf	1
40.55M	5.298975G	5.339525G	17.366M	5.311254G	5.328621G	Inf	2

802.11a_(6Mbps)_2TX EBW

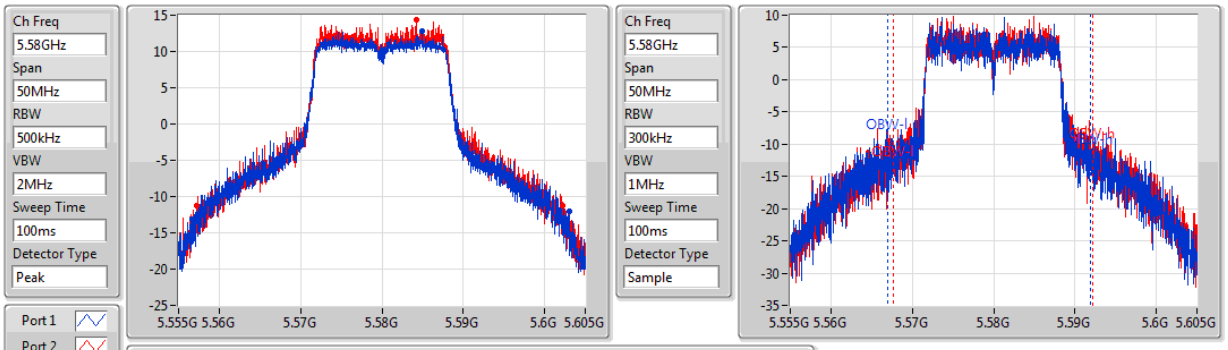
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.1M	5.477675G	5.521775G	18.541M	5.49038G	5.508921G	Inf	1
43.475M	5.478275G	5.52175G	18.341M	5.490705G	5.509045G	Inf	2

802.11a_(6Mbps)_2TX EBW

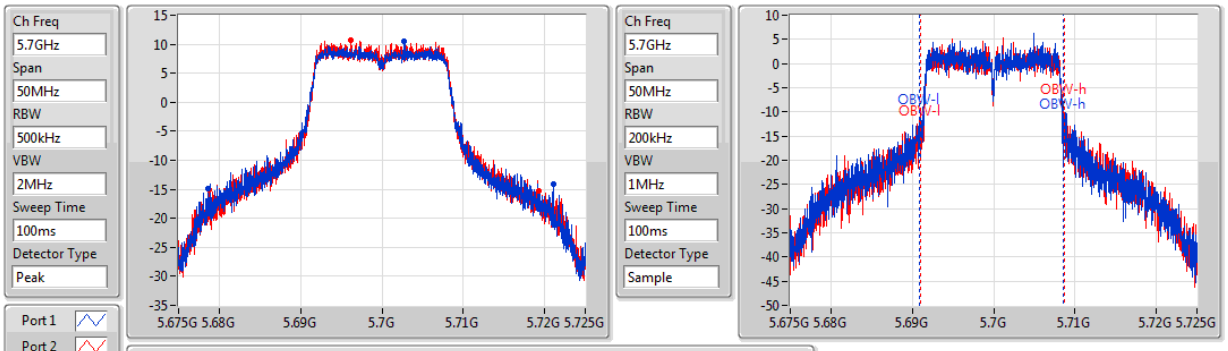
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.375M	5.556725G	5.6031G	24.938M	5.567006G	5.591944G	Inf	1
45.025M	5.55725G	5.602275G	24.638M	5.567606G	5.592244G	Inf	2

802.11a_(6Mbps)_2TX EBW

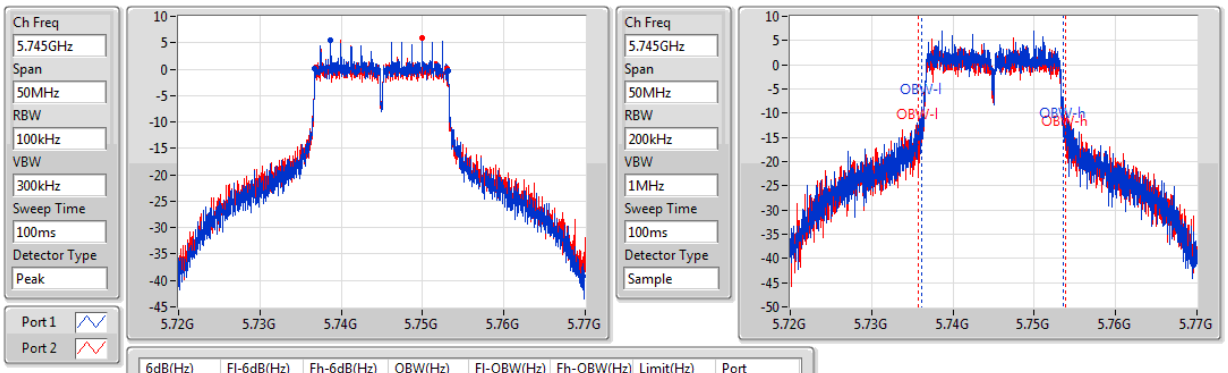
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.45M	5.6786G	5.72105G	17.641M	5.690905G	5.708546G	Inf	1
40.475M	5.678825G	5.7193G	17.691M	5.691029G	5.708721G	Inf	2

802.11a_(6Mbps)_2TX EBW

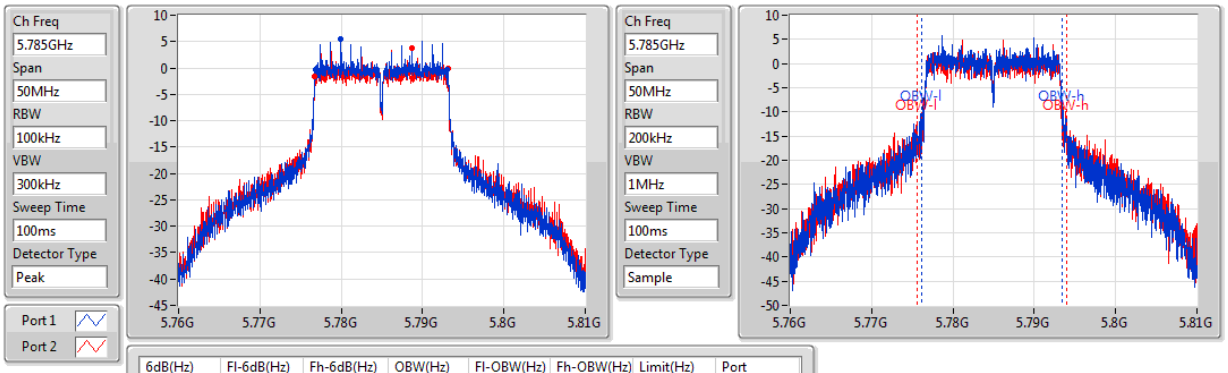
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.736775G	5.7531G	17.466M	5.736129G	5.753596G	500k	1
16.25M	5.7368G	5.75305G	18.191M	5.735705G	5.753896G	500k	2

802.11a_(6Mbps)_2TX EBW

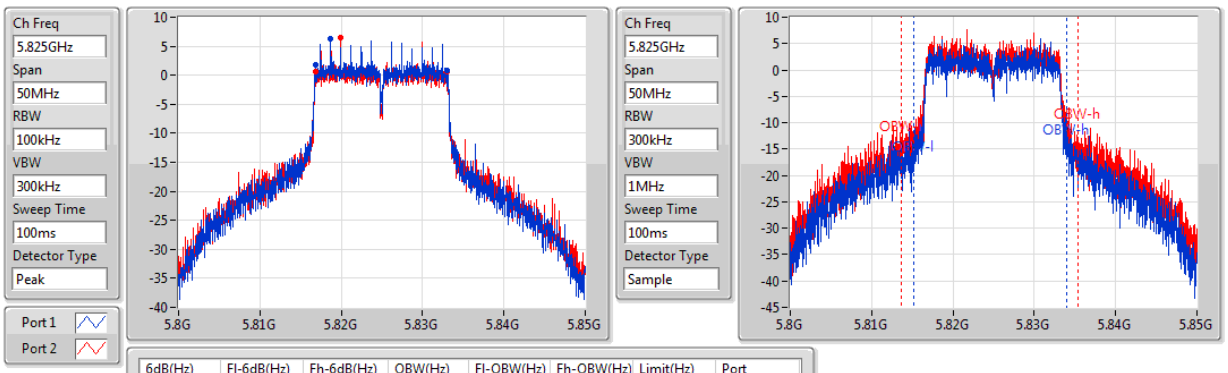
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.7768G	5.793075G	17.291M	5.776129G	5.793421G	500k	1
16.325M	5.776775G	5.7931G	18.391M	5.77553G	5.793921G	500k	2

802.11a_(6Mbps)_2TX EBW

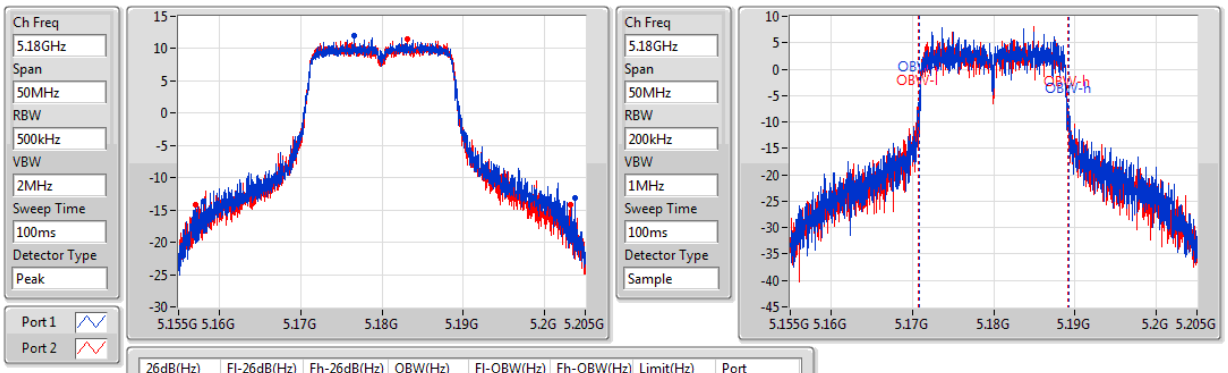
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.25M	5.8168G	5.83305G	18.891M	5.81513G	5.83402G	500k	1
16.275M	5.8168G	5.833075G	21.714M	5.813706G	5.83542G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

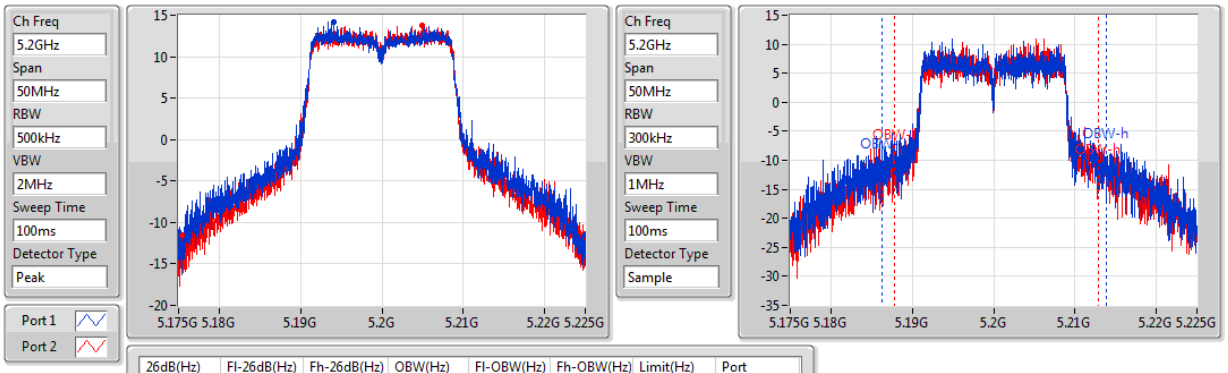
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.7M	5.15805G	5.20375G	18.366M	5.170855G	5.18922G	Inf	1
46.075M	5.15715G	5.203225G	18.316M	5.17078G	5.189095G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

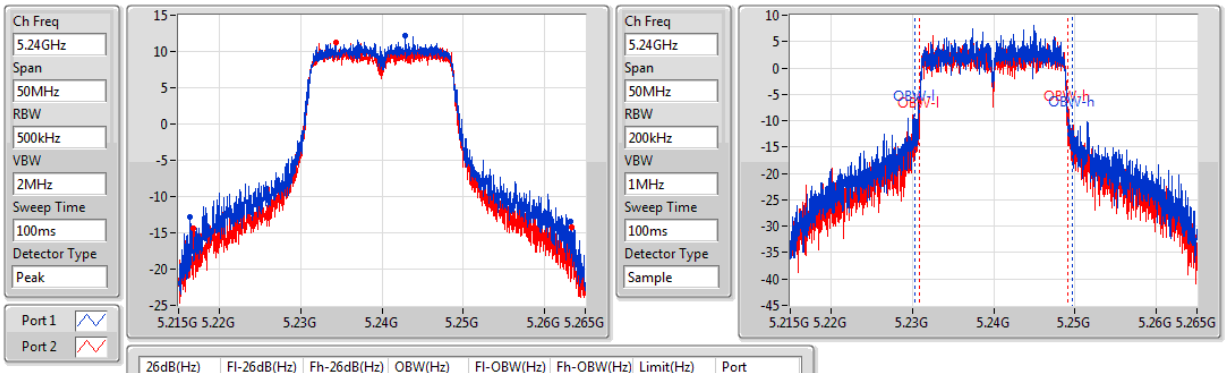
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.95M	5.175G	5.22495G	27.486M	5.186332G	5.213818G	Inf	1
49.425M	5.175425G	5.22485G	24.963M	5.187881G	5.212844G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

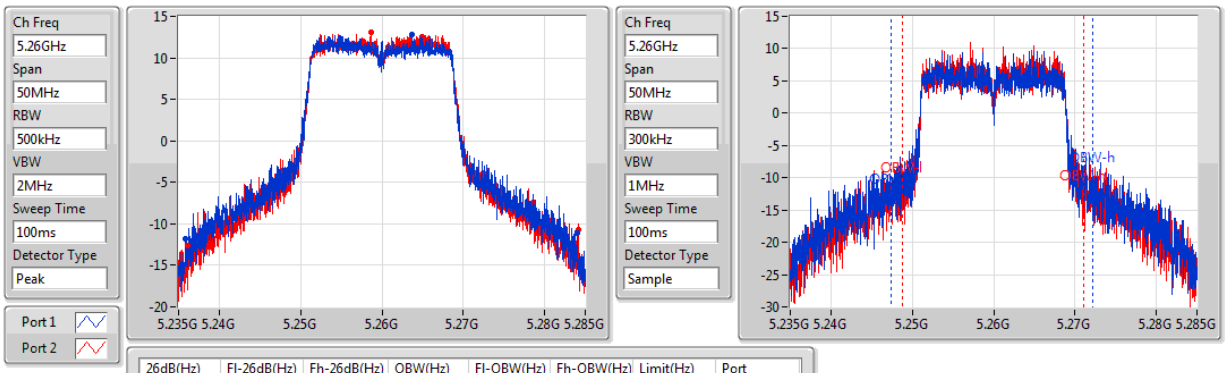
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.8M	5.216325G	5.263125G	19.415M	5.230305G	5.24972G	Inf	1
46.475M	5.216875G	5.26335G	18.216M	5.23088G	5.249095G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

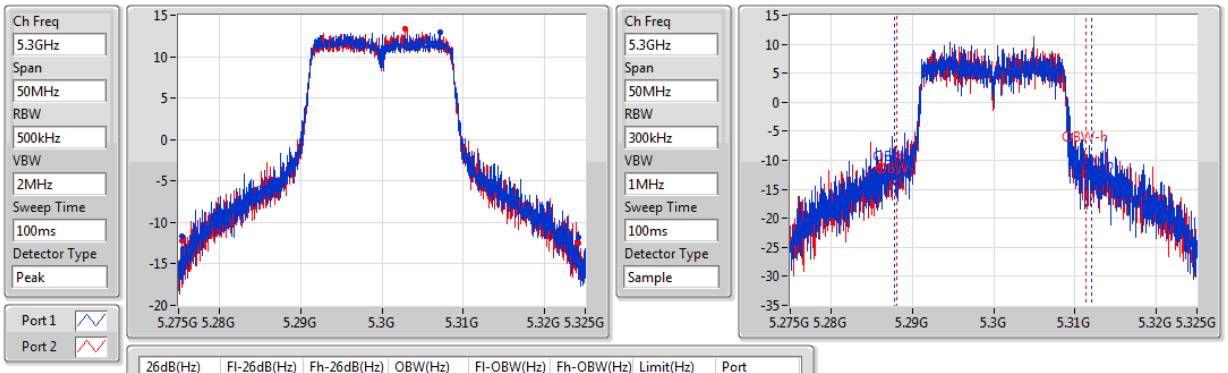
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.125M	5.23585G	5.283975G	24.838M	5.247356G	5.272194G	Inf	1
48.05M	5.236075G	5.284125G	22.264M	5.248756G	5.271019G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

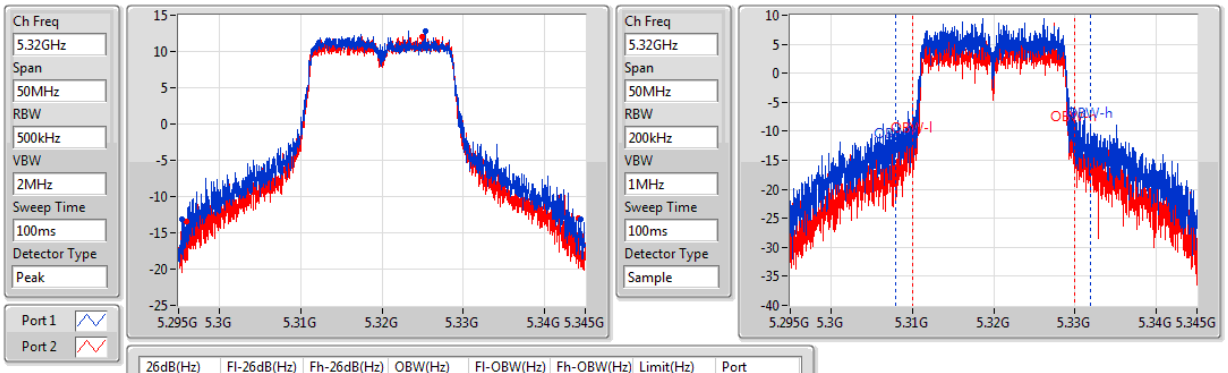
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.8M	5.27535G	5.32415G	24.263M	5.287781G	5.312044G	Inf	1
48.675M	5.275475G	5.32415G	23.363M	5.288056G	5.311419G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

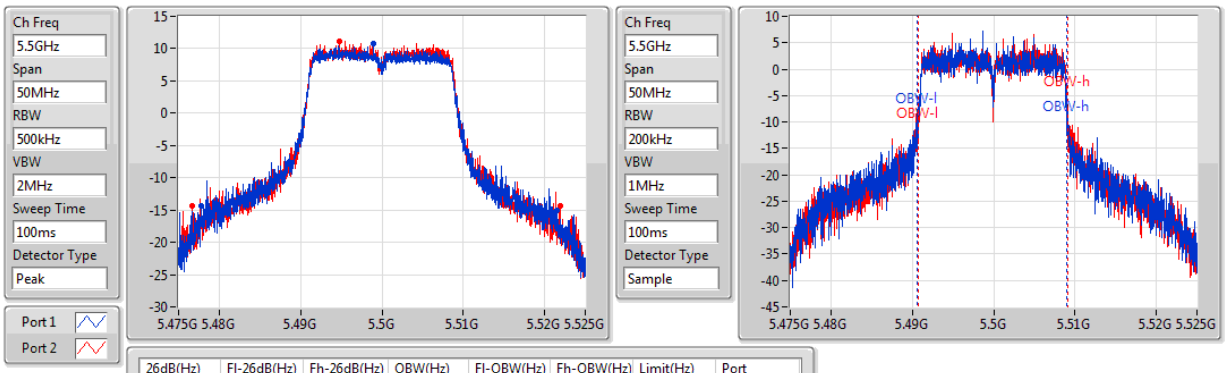
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.05M	5.295425G	5.344475G	24.063M	5.307906G	5.331969G	Inf	1
48.1M	5.296025G	5.344125G	19.89M	5.310055G	5.329945G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

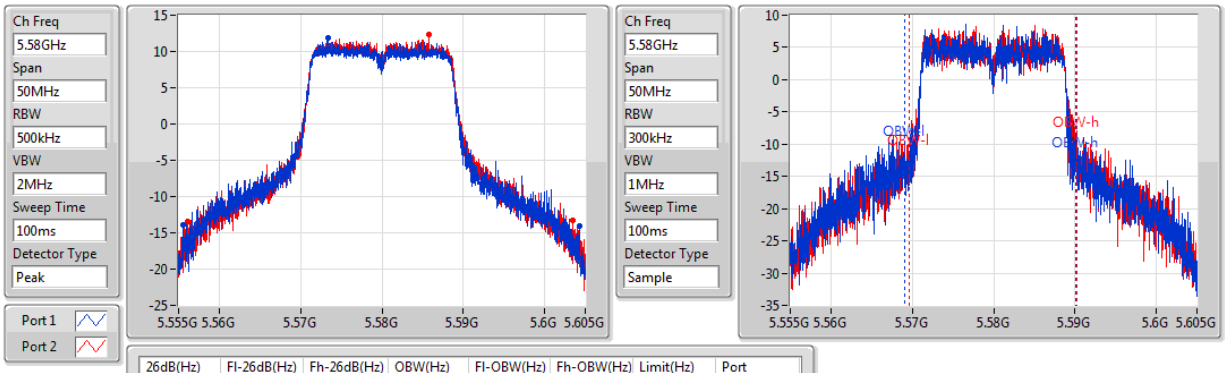
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.675M	5.477825G	5.5215G	18.466M	5.49058G	5.509045G	Inf	1
45.2M	5.476725G	5.521925G	18.341M	5.49073G	5.50907G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

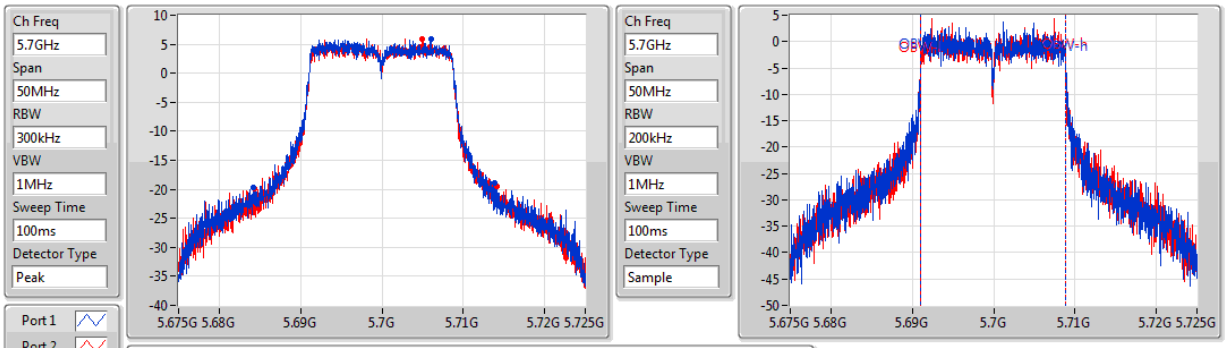
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.725M	5.55555G	5.604275G	21.064M	5.569055G	5.59012G	Inf	1
47.375M	5.55615G	5.603525G	20.565M	5.569655G	5.59022G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

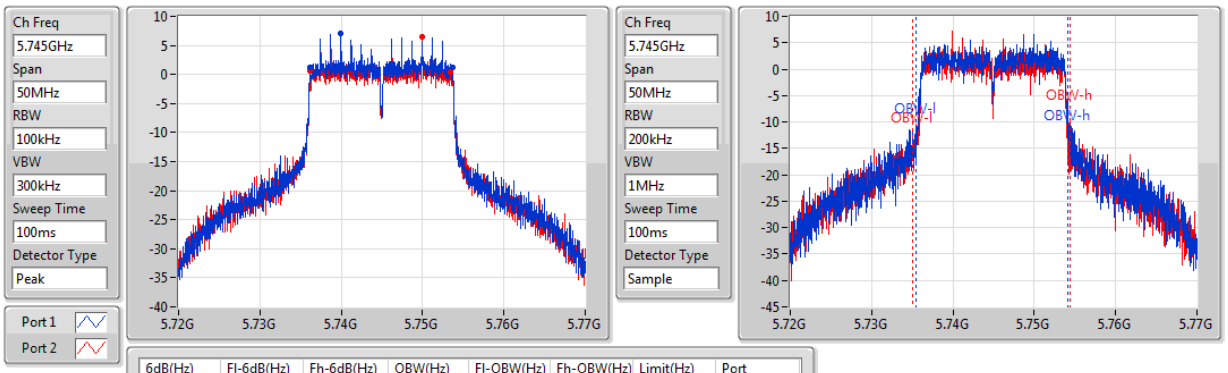
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.7M	5.684125G	5.713825G	17.916M	5.69098G	5.708896G	Inf	1
29.825M	5.684375G	5.7142G	17.866M	5.69098G	5.708846G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

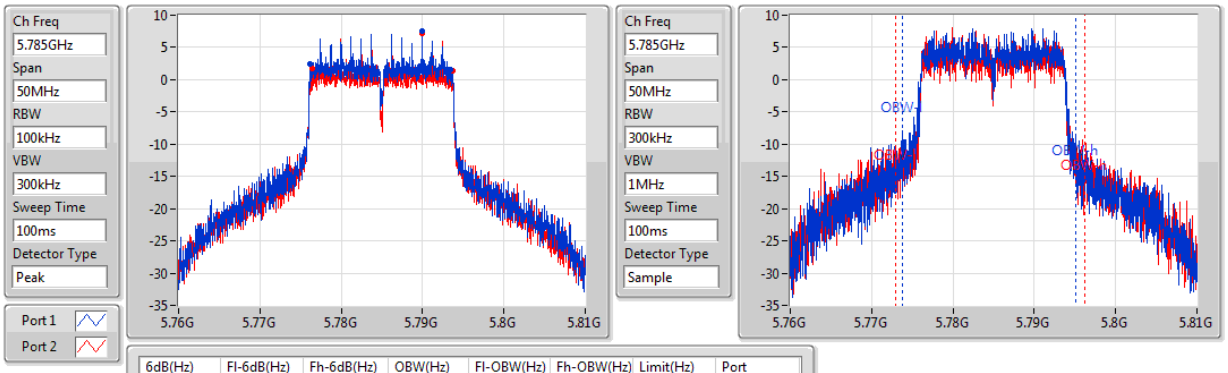
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	5.7362G	5.7537G	18.691M	5.73548G	5.75417G	500k	1
17.275M	5.7362G	5.753475G	19.265M	5.73508G	5.754345G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

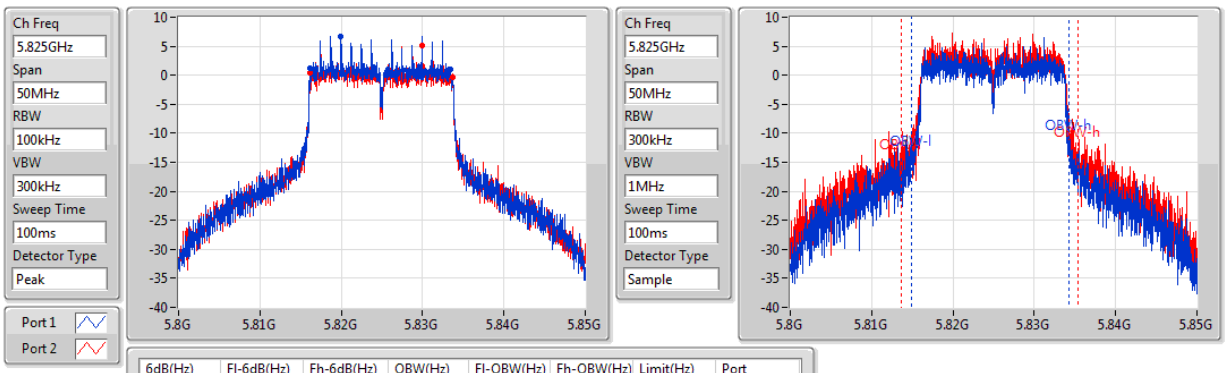
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.776175G	5.79345G	21.264M	5.773781G	5.795045G	500k	1
17.275M	5.776425G	5.7937G	23.213M	5.772956G	5.796169G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

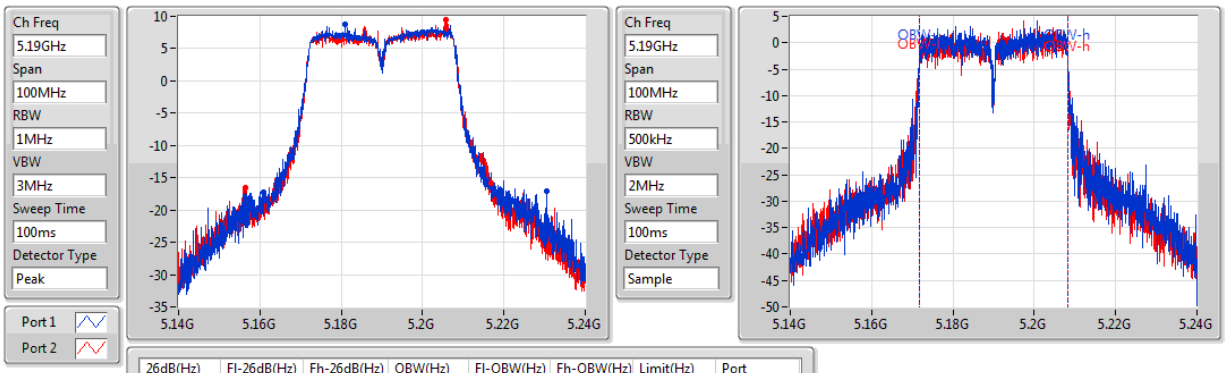
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.25M	5.816175G	5.833425G	19.44M	5.814855G	5.834295G	500k	1
17.55M	5.816175G	5.833725G	21.639M	5.813706G	5.835345G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

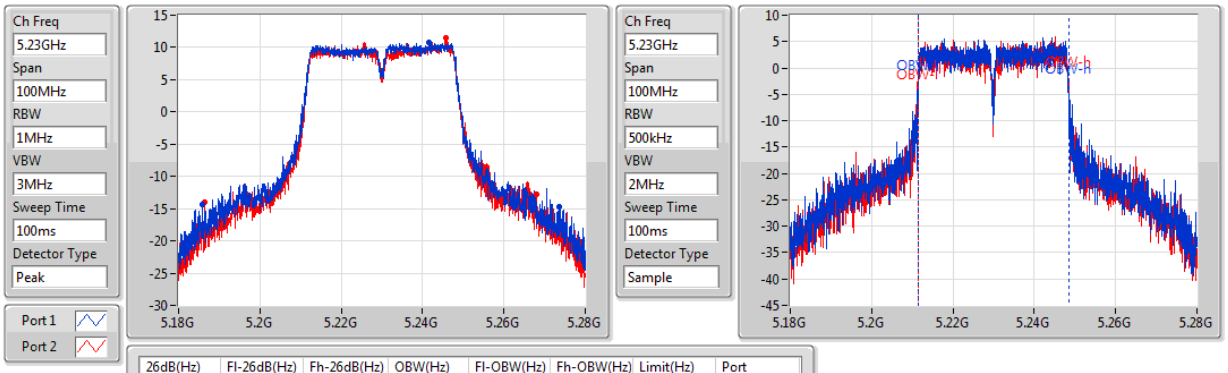
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
69.6M	5.1608G	5.2304G	36.482M	5.171759G	5.208241G	Inf	1
60.6M	5.1564G	5.217G	36.582M	5.171659G	5.208241G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

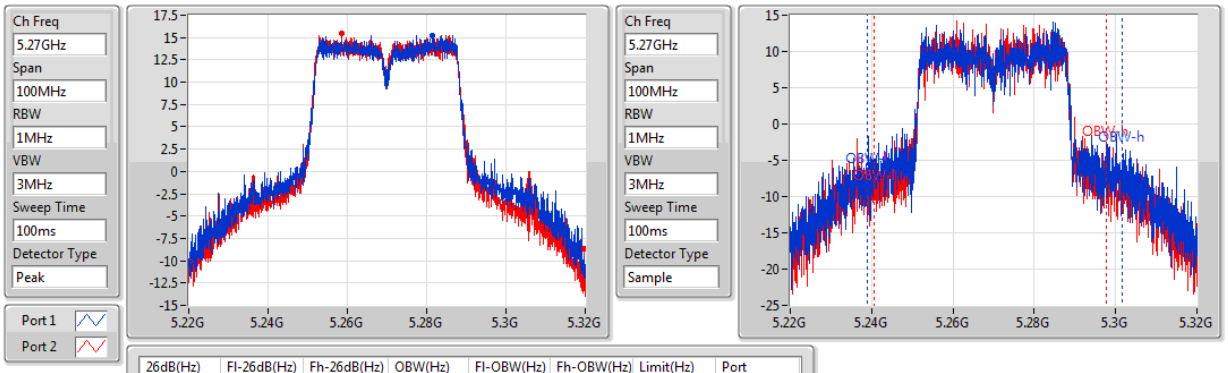
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.75M	5.1858G	5.27355G	36.982M	5.211409G	5.248391G	Inf	1
81.45M	5.1865G	5.26795G	37.081M	5.211459G	5.248541G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

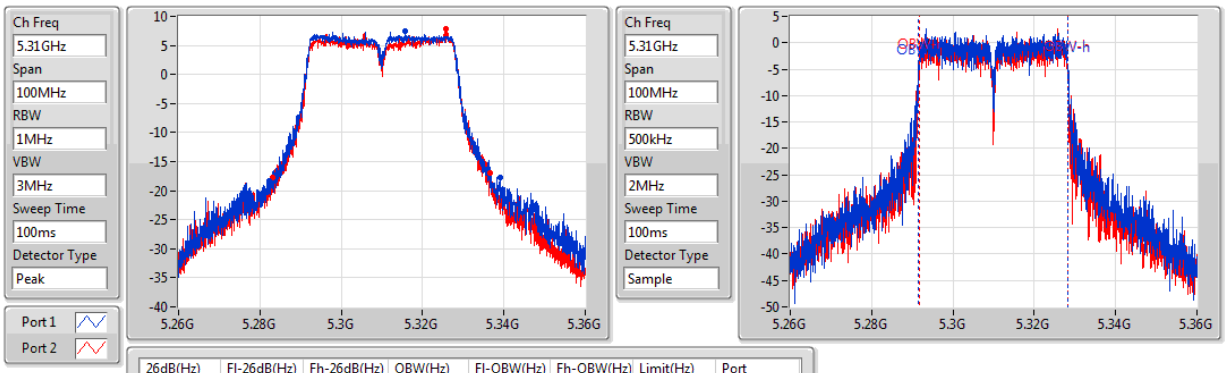
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
99.95M	5.22G	5.31995G	62.619M	5.238916G	5.301534G	Inf	1
99.3M	5.22035G	5.31965G	57.071M	5.240615G	5.297686G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

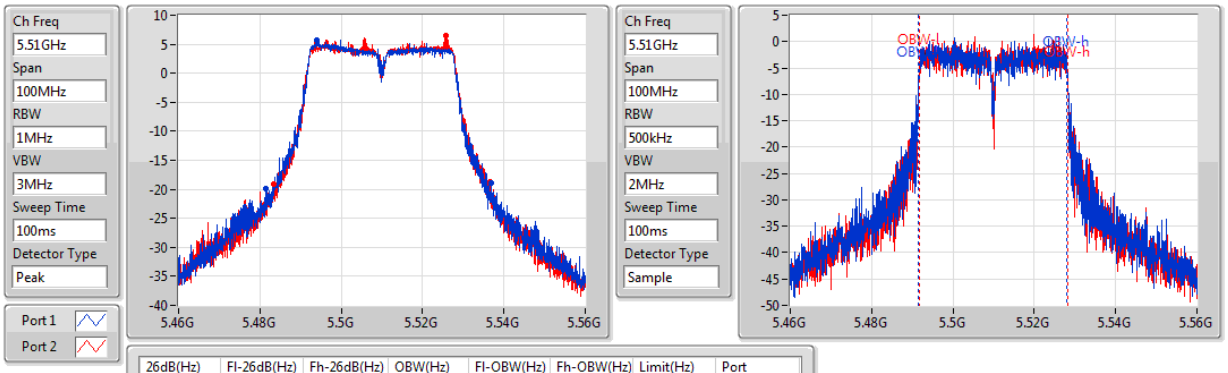
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.85M	5.28215G	5.339G	36.632M	5.291609G	5.328241G	Inf	1
53.4M	5.28315G	5.33655G	36.532M	5.291709G	5.328241G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

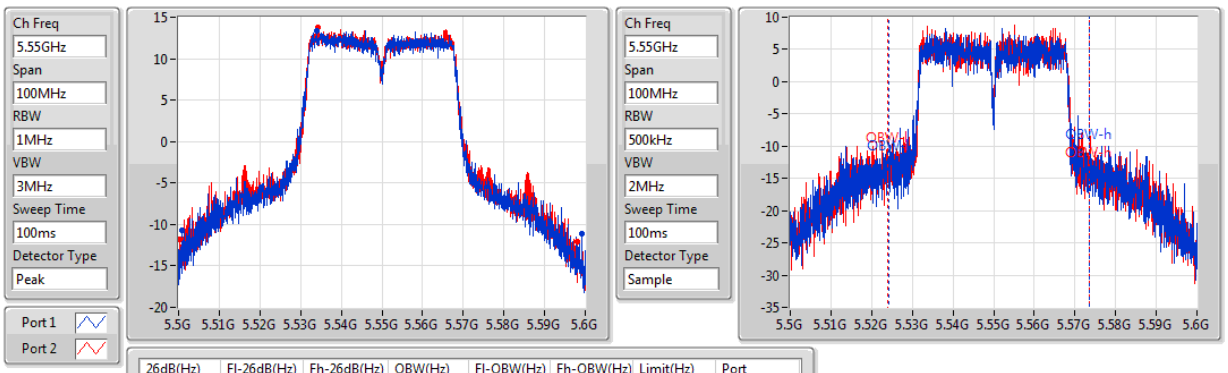
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
55.55M	5.48145G	5.537G	36.482M	5.491609G	5.528091G	Inf	1
53.1M	5.4835G	5.5366G	36.432M	5.491709G	5.528141G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

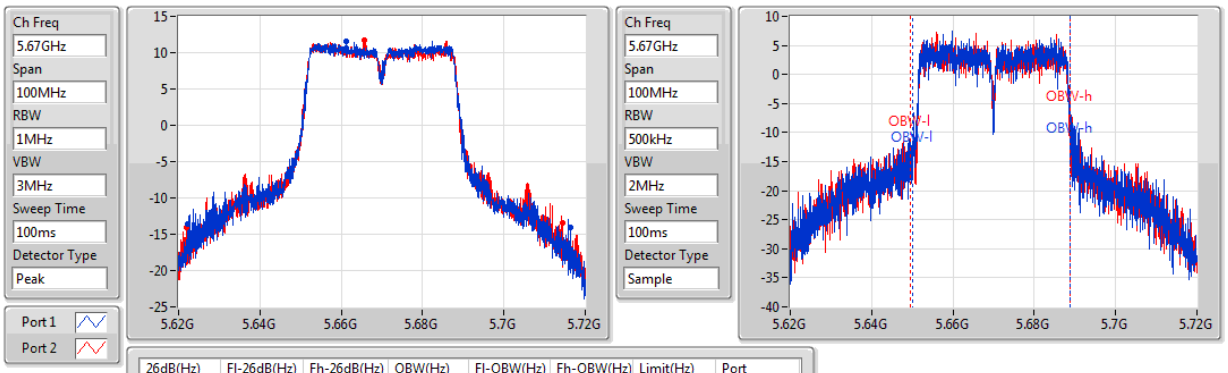
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
98.35M	5.5008G	5.59915G	49.375M	5.524213G	5.573588G	Inf	1
97.6M	5.5004G	5.598G	49.575M	5.523913G	5.573488G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

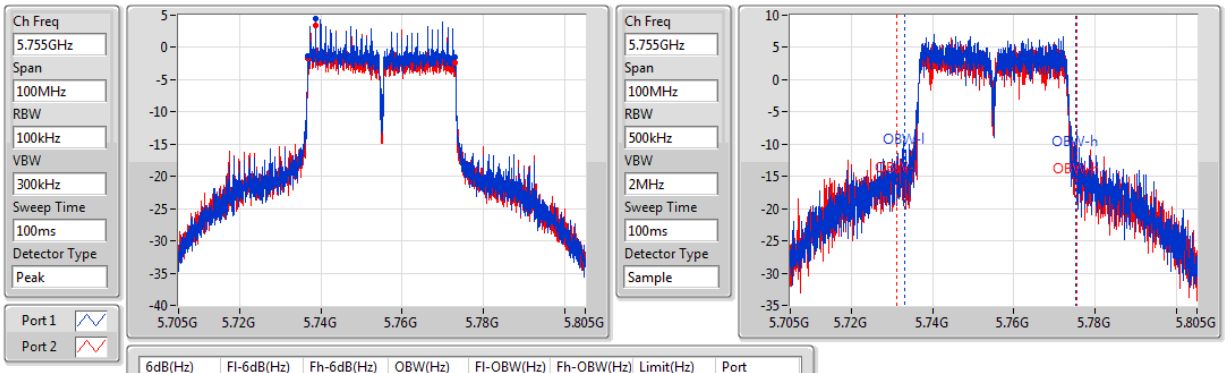
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
94.15M	5.6221G	5.71625G	38.631M	5.65021G	5.688841G	Inf	1
92.5M	5.6219G	5.7144G	39.28M	5.64956G	5.688841G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

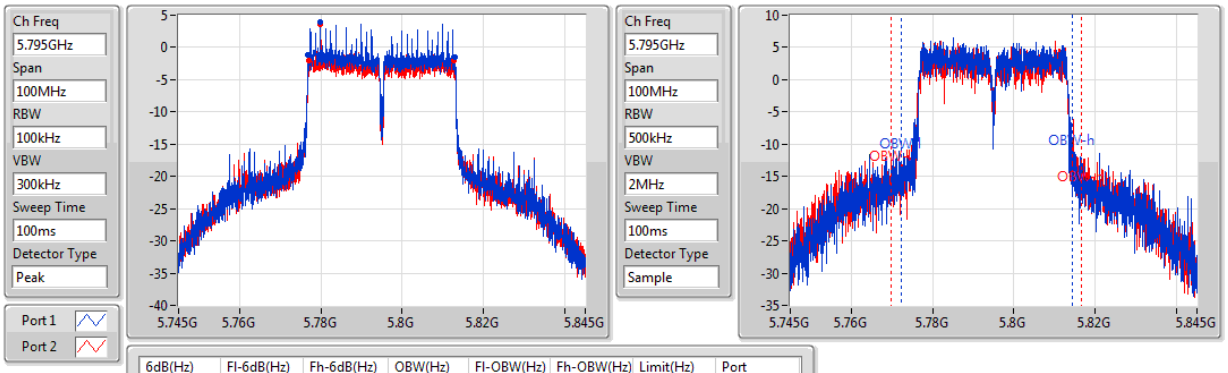
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7368G	5.7731G	41.979M	5.733261G	5.77524G	500k	1
36.05M	5.7368G	5.77285G	44.328M	5.731262G	5.77559G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	5.7768G	5.81285G	42.129M	5.772361G	5.81449G	500k	1
35.7M	5.777G	5.8127G	46.877M	5.769663G	5.816539G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	23.27	0.21232
5.25-5.35GHz	22.96	0.19770
5.47-5.725GHz	22.25	0.16788
5.725-5.85GHz	19.85	0.09661
802.11n HT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	23.78	0.23878
5.25-5.35GHz	22.64	0.18365
5.47-5.725GHz	21.41	0.13836
5.725-5.85GHz	20.69	0.11722
802.11n HT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	19.61	0.09141
5.25-5.35GHz	23.77	0.23823
5.47-5.725GHz	22.25	0.16788
5.725-5.85GHz	20.56	0.11376

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.50	18.02	18.14	21.09	23.98
5200MHz	Pass	2.50	20.31	20.21	23.27	23.98
5240MHz	Pass	2.50	16.45	16.17	19.32	23.98
5260MHz	Pass	2.50	20.02	19.88	22.96	23.98
5300MHz	Pass	2.50	19.29	19.07	22.19	23.98
5320MHz	Pass	2.50	17.25	17.34	20.31	23.98
5500MHz	Pass	2.50	17.14	17.42	20.29	23.98
5580MHz	Pass	2.50	19.17	19.31	22.25	23.98
5700MHz	Pass	2.50	16.63	16.15	19.41	23.98
5745MHz	Pass	2.50	17.21	16.35	19.81	30.00
5785MHz	Pass	2.50	16.49	15.84	19.19	30.00
5825MHz	Pass	2.50	17.25	16.39	19.85	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.50	18.64	18.41	21.54	23.98
5200MHz	Pass	2.50	20.85	20.68	23.78	23.98
5240MHz	Pass	2.50	18.83	18.17	21.52	23.98
5260MHz	Pass	2.50	19.68	19.35	22.53	23.98
5300MHz	Pass	2.50	19.69	19.56	22.64	23.98
5320MHz	Pass	2.50	19.11	18.65	21.90	23.98
5500MHz	Pass	2.50	17.13	17.29	20.22	23.98
5580MHz	Pass	2.50	18.34	18.46	21.41	23.98
5700MHz	Pass	2.50	15.15	14.88	18.03	23.98
5745MHz	Pass	2.50	17.47	16.76	20.14	30.00
5785MHz	Pass	2.50	18.16	17.14	20.69	30.00
5825MHz	Pass	2.50	16.85	16.28	19.58	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.50	13.92	13.86	16.90	23.98
5230MHz	Pass	2.50	16.77	16.43	19.61	23.98
5270MHz	Pass	2.50	20.87	20.64	23.77	23.98
5310MHz	Pass	2.50	12.95	12.56	15.77	23.98
5510MHz	Pass	2.50	11.29	11.18	14.25	23.98
5550MHz	Pass	2.50	19.06	19.42	22.25	23.98
5670MHz	Pass	2.50	17.52	17.27	20.41	23.98
5755MHz	Pass	2.50	17.93	17.14	20.56	30.00
5795MHz	Pass	2.50	17.45	16.61	20.06	30.00

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

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-
5.15-5.25GHz	10.12
5.25-5.35GHz	9.75
5.47-5.725GHz	8.91
5.725-5.85GHz	5.04
802.11n HT20_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	10.30
5.25-5.35GHz	9.36
5.47-5.725GHz	8.04
5.725-5.85GHz	5.93
802.11n HT40_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	3.59
5.25-5.35GHz	7.78
5.47-5.725GHz	6.23
5.725-5.85GHz	3.08

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

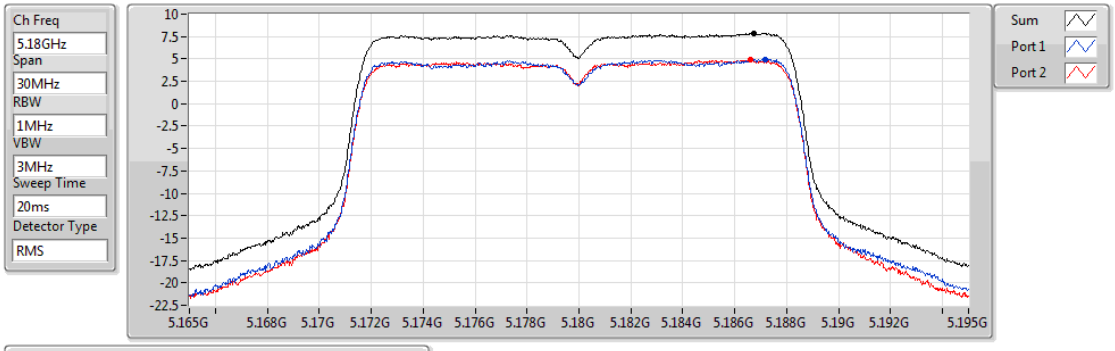
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.17	4.98	4.87	7.87	11.00
5200MHz	Pass	5.17	7.28	7.09	10.12	11.00
5240MHz	Pass	5.17	3.79	3.07	6.37	11.00
5260MHz	Pass	5.17	6.73	7.09	9.75	11.00
5300MHz	Pass	5.17	6.23	5.83	8.90	11.00
5320MHz	Pass	5.17	4.64	4.10	7.35	11.00
5500MHz	Pass	5.17	4.12	4.17	7.07	11.00
5580MHz	Pass	5.17	5.77	6.16	8.91	11.00
5700MHz	Pass	5.17	3.28	3.05	6.14	11.00
5745MHz	Pass	5.17	2.13	1.47	4.80	30.00
5785MHz	Pass	5.17	1.63	0.73	4.15	30.00
5825MHz	Pass	5.17	2.41	1.74	5.04	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.17	5.28	5.09	8.09	11.00
5200MHz	Pass	5.17	7.23	7.46	10.30	11.00
5240MHz	Pass	5.17	5.56	4.90	8.19	11.00
5260MHz	Pass	5.17	6.40	6.50	9.23	11.00
5300MHz	Pass	5.17	6.67	6.26	9.36	11.00
5320MHz	Pass	5.17	6.05	5.54	8.64	11.00
5500MHz	Pass	5.17	4.13	4.16	7.11	11.00
5580MHz	Pass	5.17	4.98	5.13	8.04	11.00
5700MHz	Pass	5.17	1.97	1.60	4.77	11.00
5745MHz	Pass	5.17	2.78	2.24	5.45	30.00
5785MHz	Pass	5.17	3.46	2.42	5.93	30.00
5825MHz	Pass	5.17	2.47	1.91	5.20	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.17	-2.15	-2.17	0.79	11.00
5230MHz	Pass	5.17	0.88	0.43	3.59	11.00
5270MHz	Pass	5.17	4.88	4.84	7.78	11.00
5310MHz	Pass	5.17	-2.90	-3.40	-0.19	11.00
5510MHz	Pass	5.17	-4.47	-4.99	-1.77	11.00
5550MHz	Pass	5.17	3.20	3.27	6.23	11.00
5670MHz	Pass	5.17	1.52	1.33	4.39	11.00
5755MHz	Pass	5.17	0.45	-0.27	3.08	30.00
5795MHz	Pass	5.17	0.36	-0.67	2.80	30.00

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

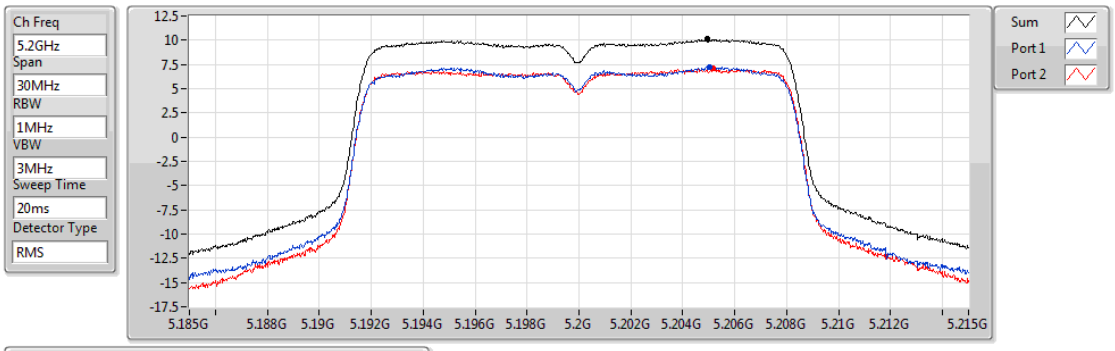
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	4.98	4.87

802.11a_(6Mbps)_2TX PSD

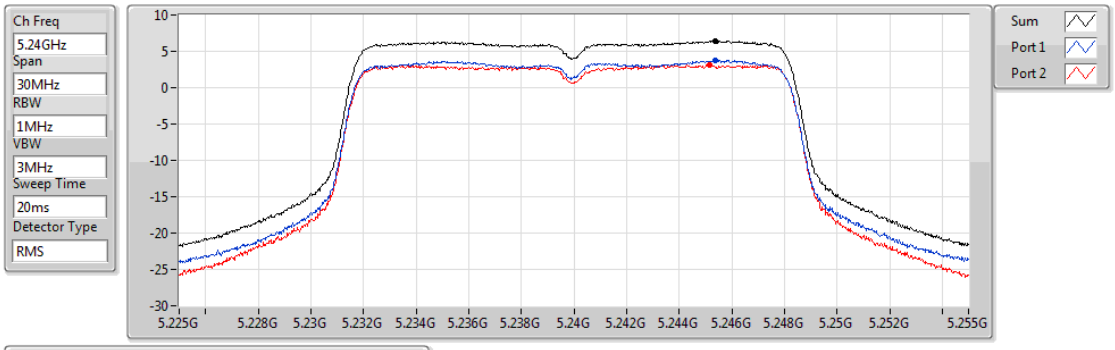
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.12	10.12	7.28	7.09

802.11a_(6Mbps)_2TX PSD

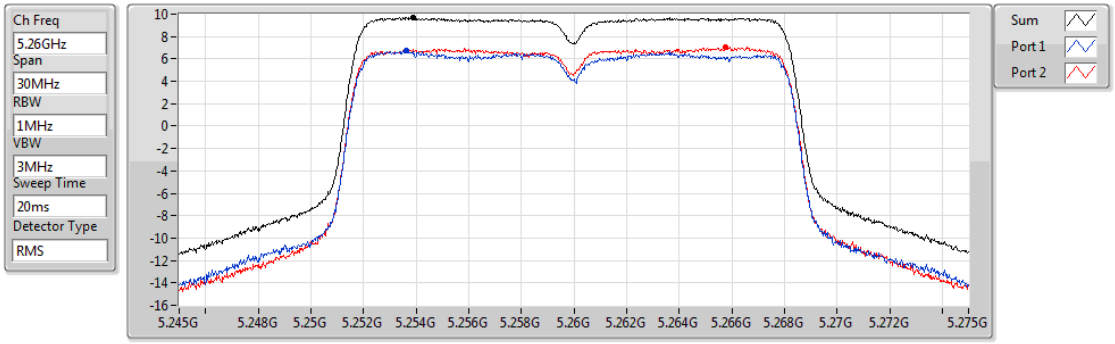
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.37	6.37	3.79	3.07

802.11a_(6Mbps)_2TX **PSD**

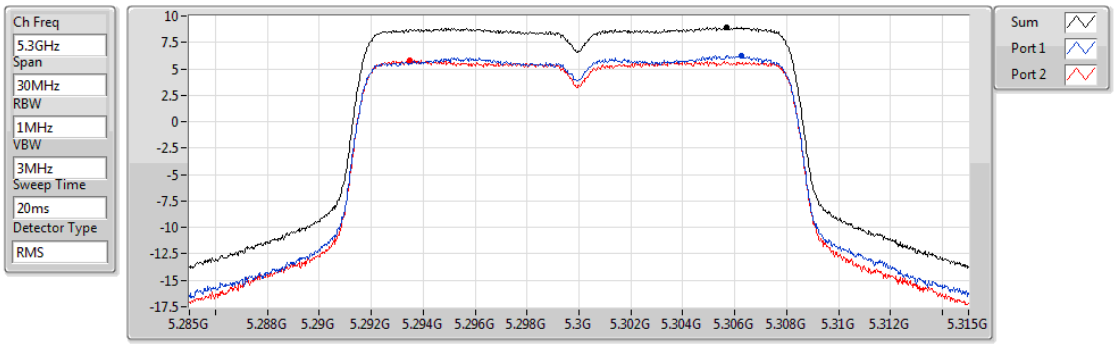
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.75	9.75	6.73	7.09

802.11a_(6Mbps)_2TX **PSD**

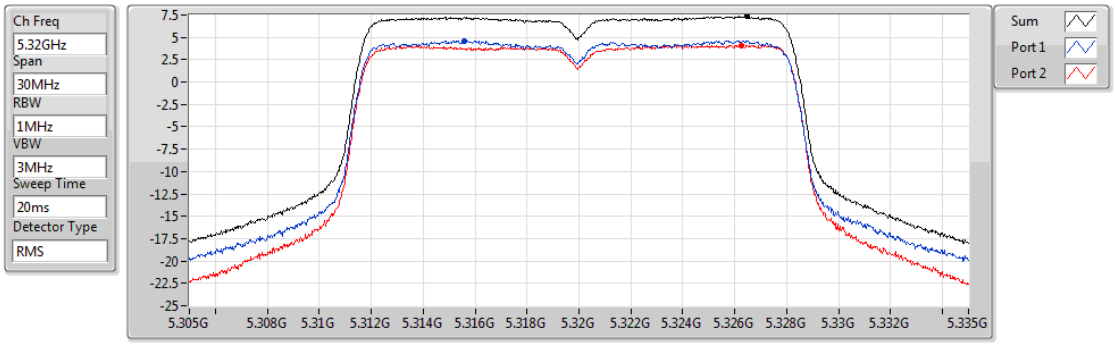
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	6.23	5.83

802.11a_(6Mbps)_2TX **PSD**

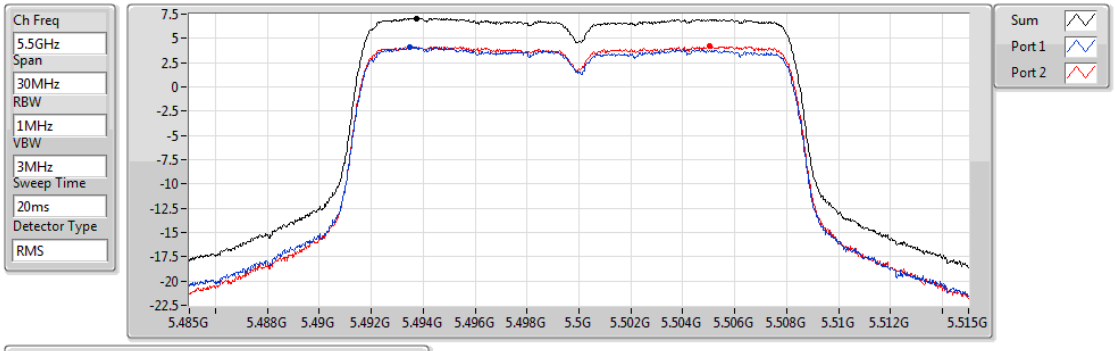
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	4.64	4.10

802.11a_(6Mbps)_2TX PSD

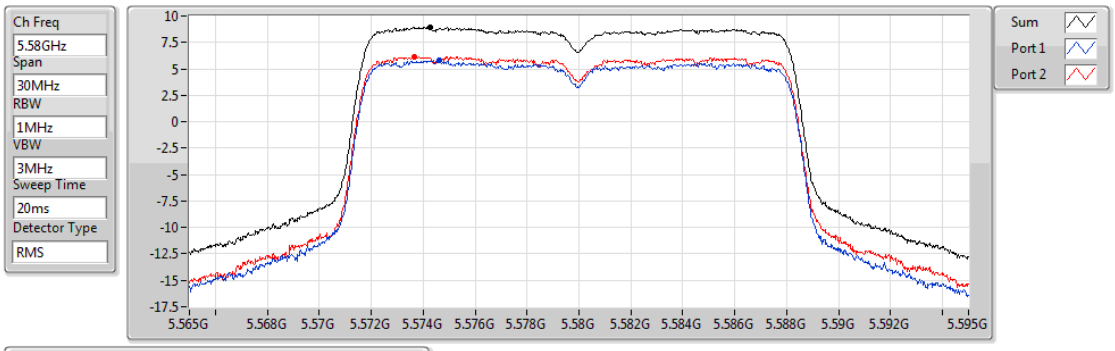
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.07	7.07	4.12	4.17

802.11a_(6Mbps)_2TX PSD

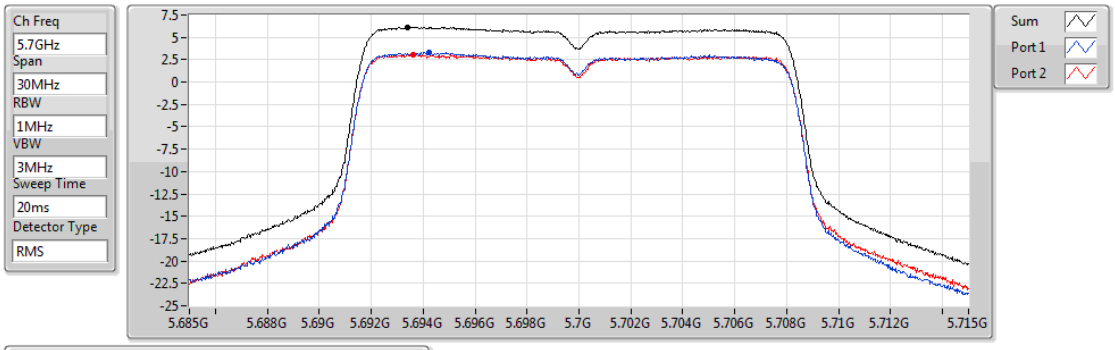
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	5.77	6.16

802.11a_(6Mbps)_2TX PSD

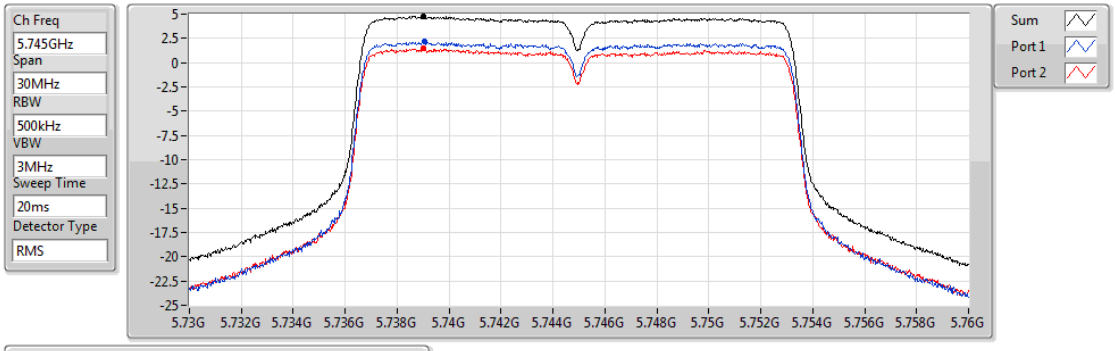
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.14	6.14	3.28	3.05

802.11a_(6Mbps)_2TX PSD

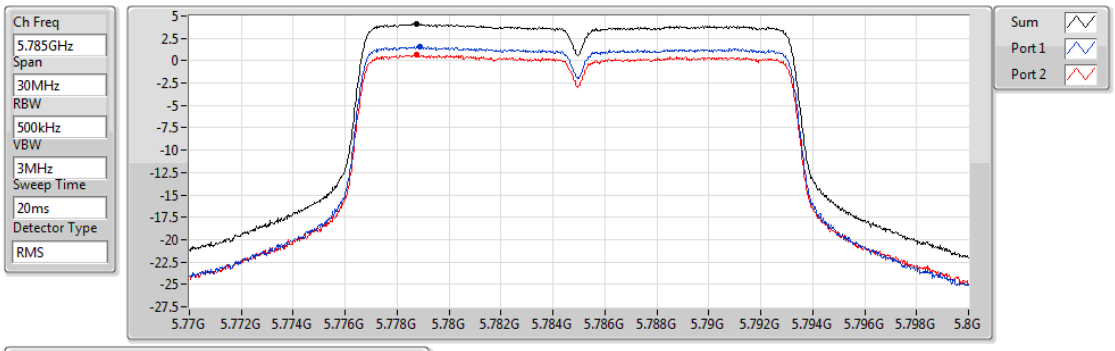
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	2.13	1.47

802.11a_(6Mbps)_2TX PSD

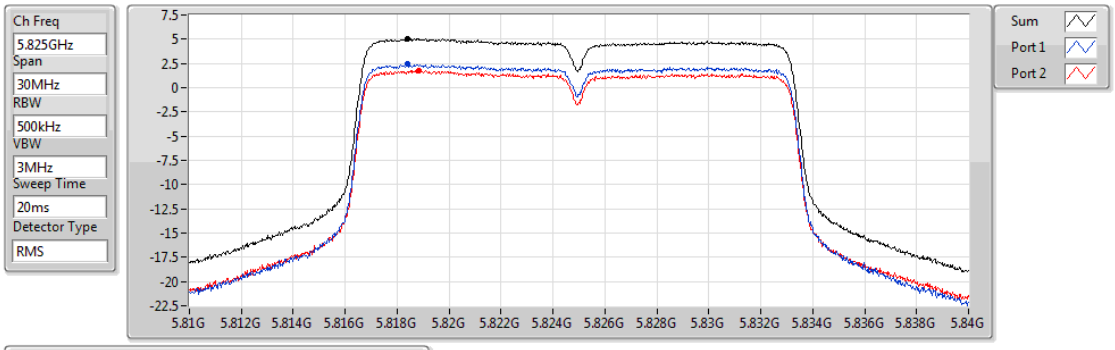
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.15	4.15	1.63	0.73

802.11a_(6Mbps)_2TX PSD

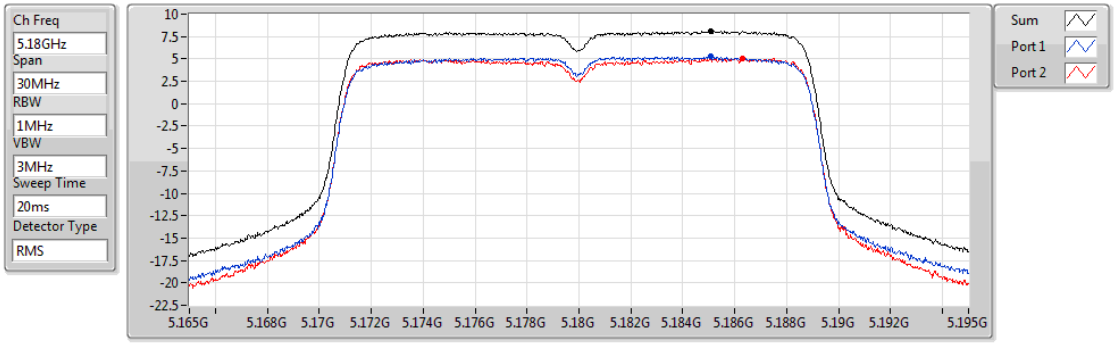
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	2.41	1.74

802.11n HT20_Nss1,(MCS0)_2TX PSD

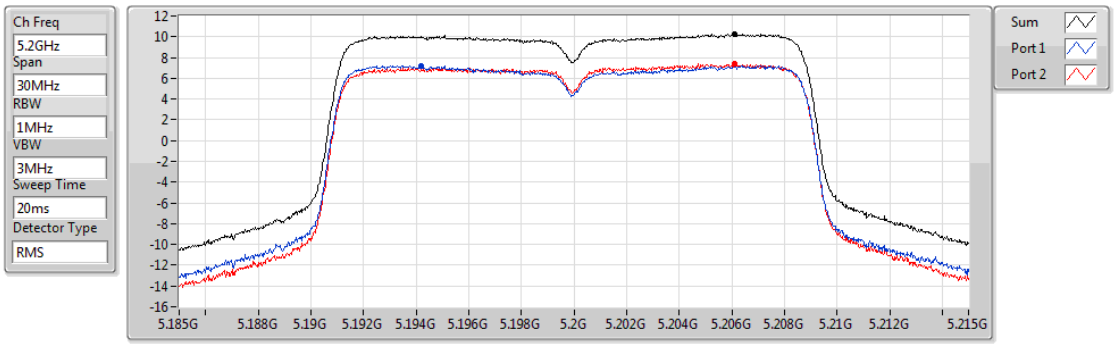
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.09	8.09	5.28	5.09

802.11n HT20_Nss1,(MCS0)_2TX PSD

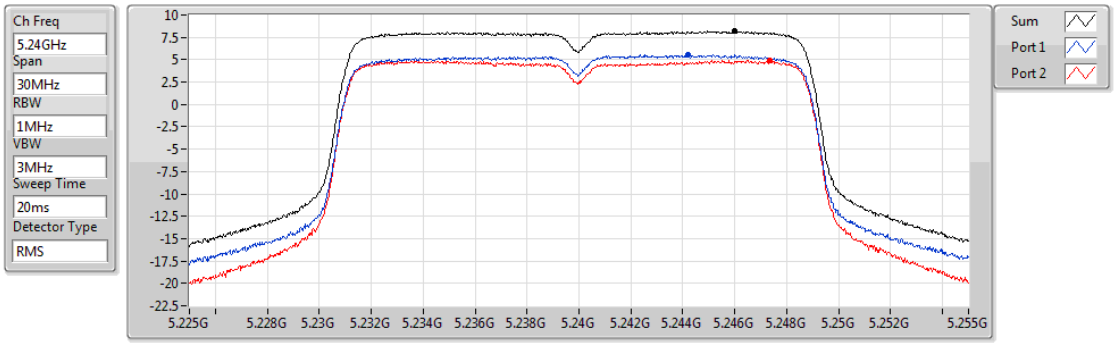
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	7.23	7.46

802.11n HT20_Nss1,(MCS0)_2TX PSD

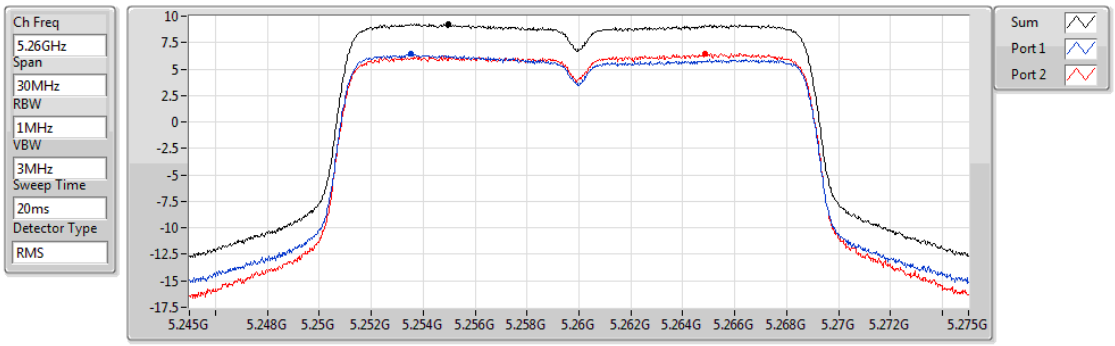
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.19	8.19	5.56	4.90

802.11n HT20_Nss1,(MCS0)_2TX PSD

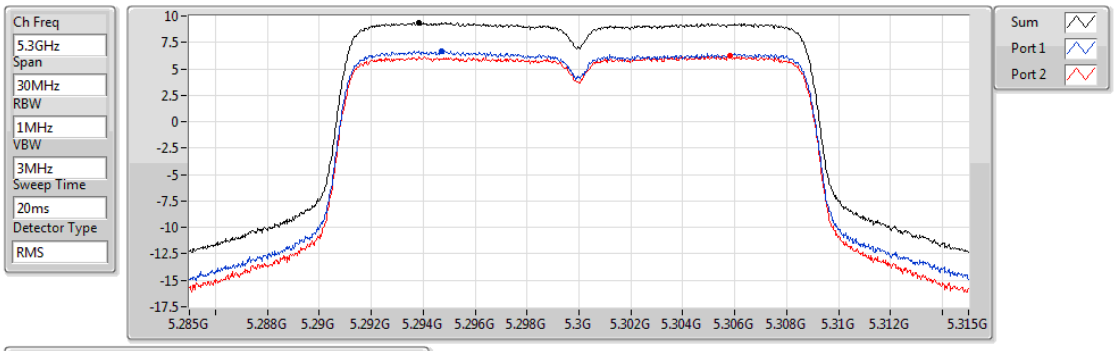
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.23	9.23	6.40	6.50

802.11n HT20_Nss1,(MCS0)_2TX PSD

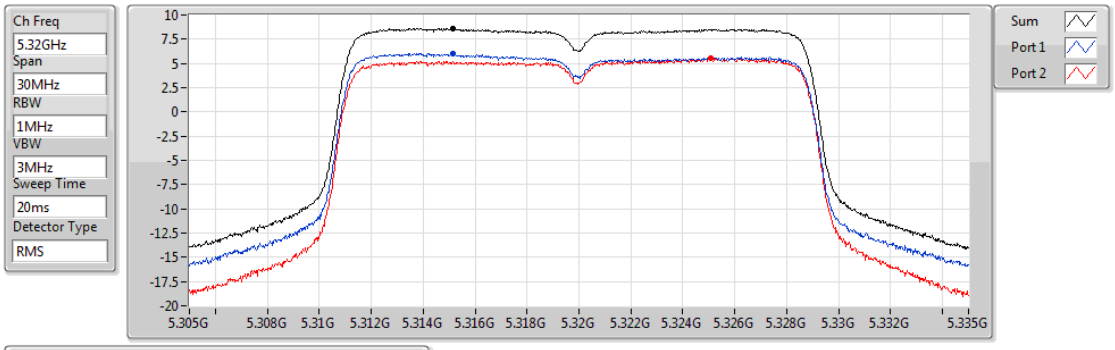
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.36	9.36	6.67	6.26

802.11n HT20_Nss1,(MCS0)_2TX PSD

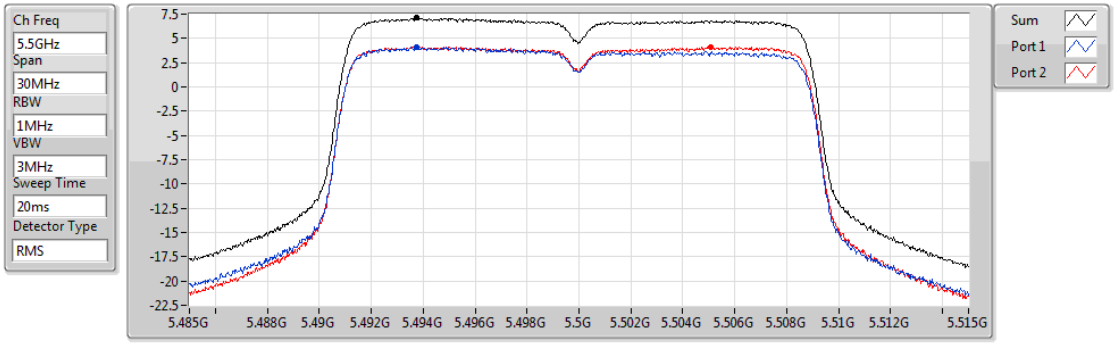
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	6.05	5.54

802.11n HT20_Nss1,(MCS0)_2TX PSD

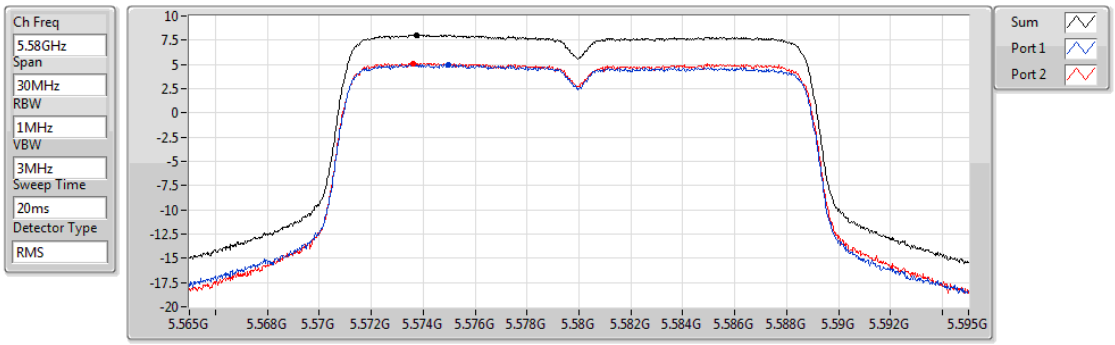
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	4.13	4.16

802.11n HT20_Nss1,(MCS0)_2TX PSD

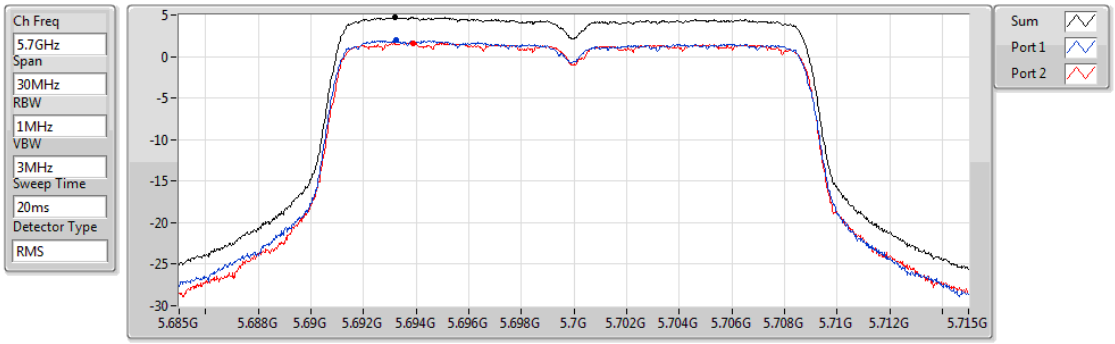
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	4.98	5.13

802.11n HT20_Nss1,(MCS0)_2TX PSD

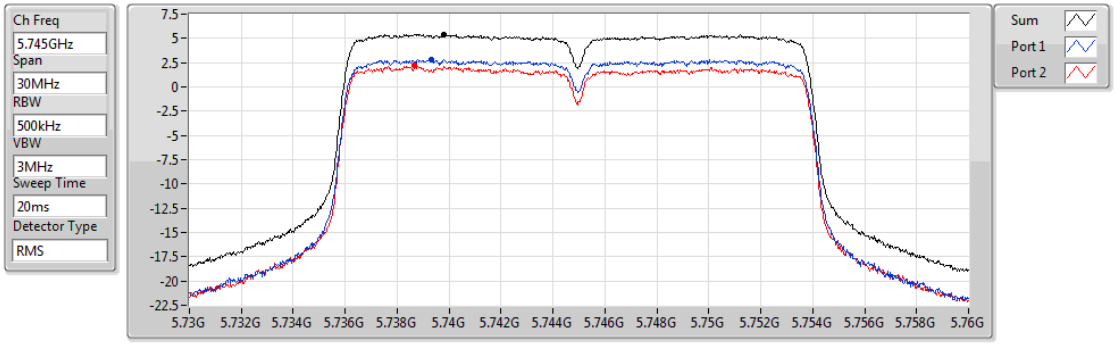
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	1.97	1.60

802.11n HT20_Nss1,(MCS0)_2TX PSD

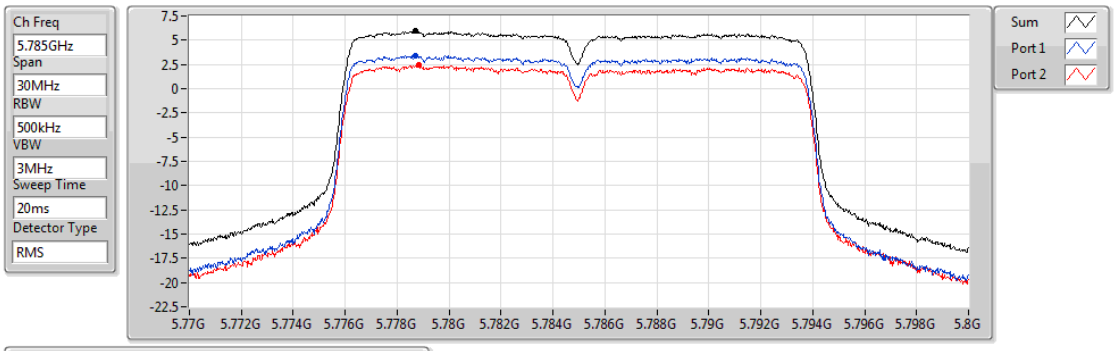
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	2.78	2.24

802.11n HT20_Nss1,(MCS0)_2TX PSD

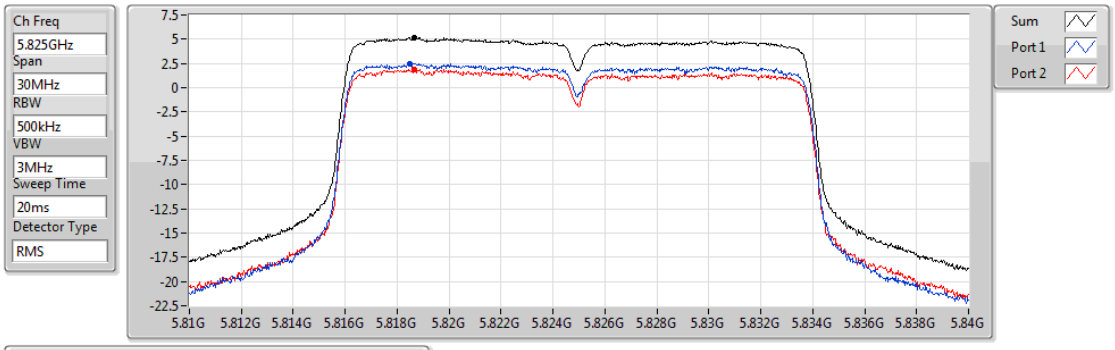
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.93	5.93	3.46	2.42

802.11n HT20_Nss1,(MCS0)_2TX PSD

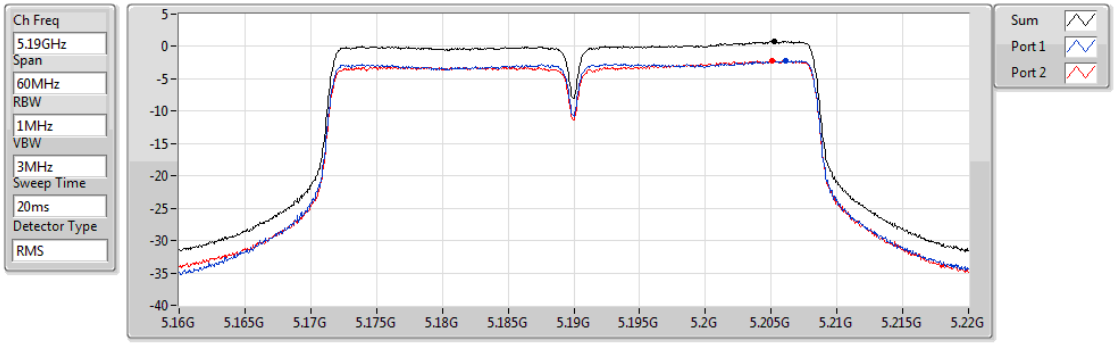
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	2.47	1.91

802.11n HT40_Nss1,(MCS0)_2TX PSD

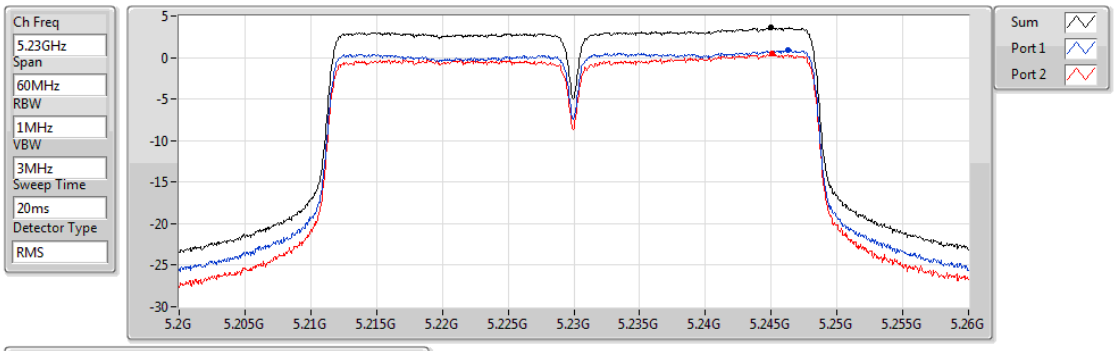
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.79	0.79	-2.15	-2.17

802.11n HT40_Nss1,(MCS0)_2TX PSD

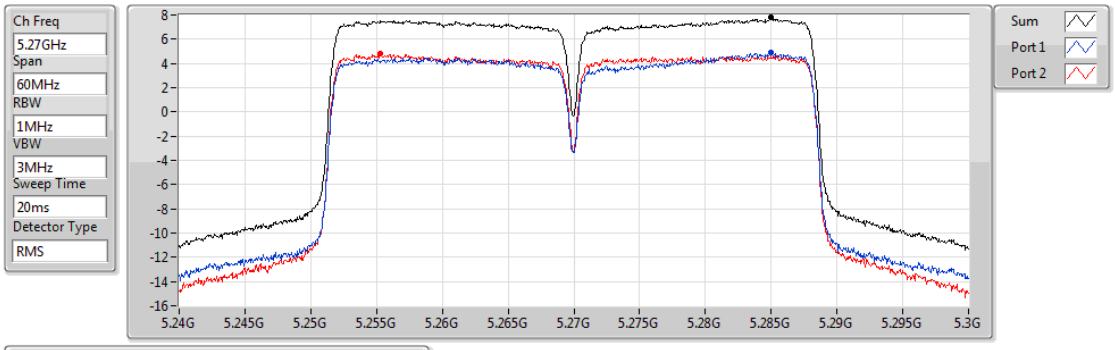
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.59	3.59	0.88	0.43

802.11n HT40_Nss1,(MCS0)_2TX PSD

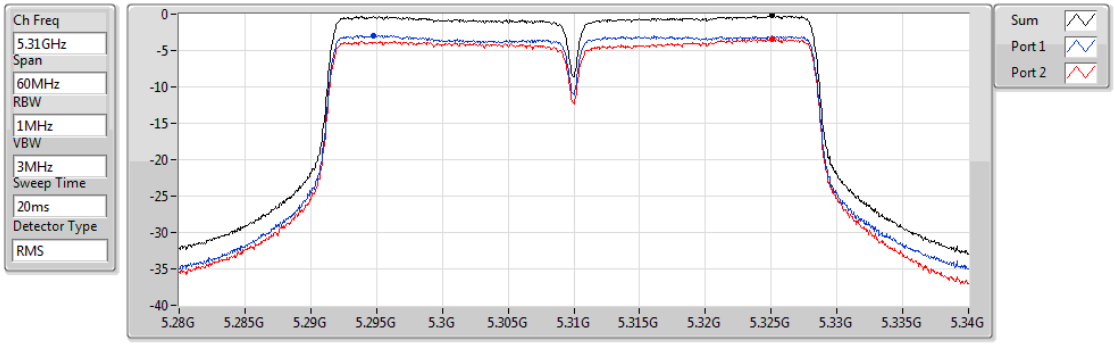
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	4.88	4.84

802.11n HT40_Nss1,(MCS0)_2TX **PSD**

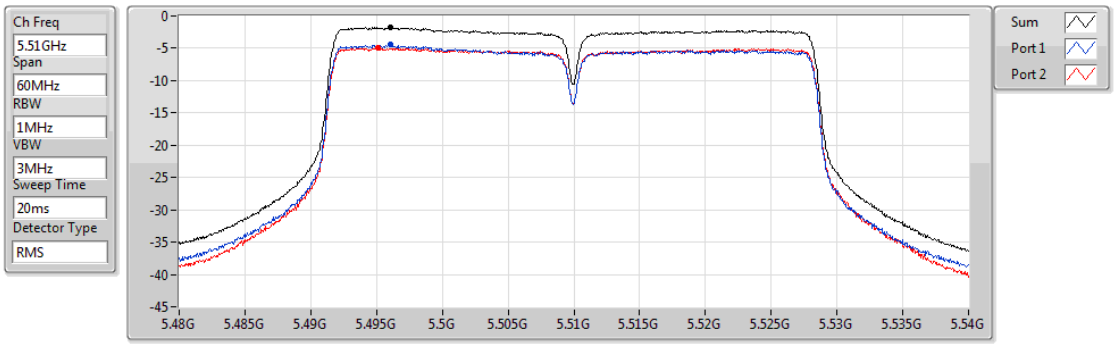
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19	-2.90	-3.40

802.11n HT40_Nss1,(MCS0)_2TX **PSD**

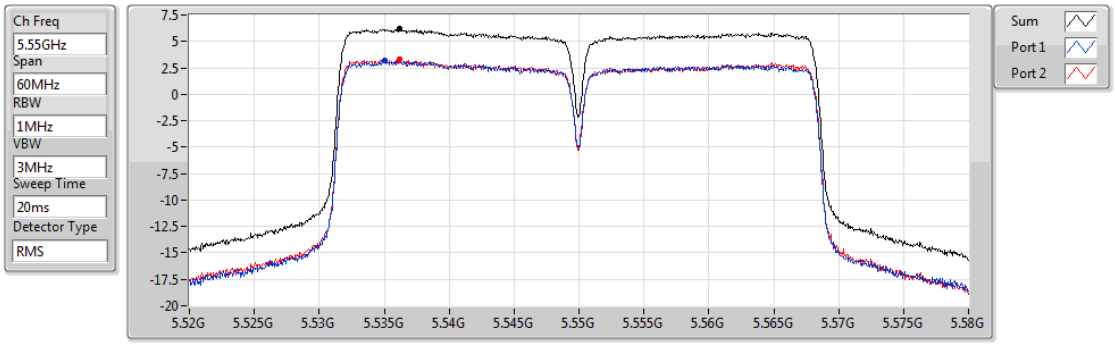
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.77	-1.77	-4.47	-4.99

802.11n HT40_Nss1,(MCS0)_2TX **PSD**

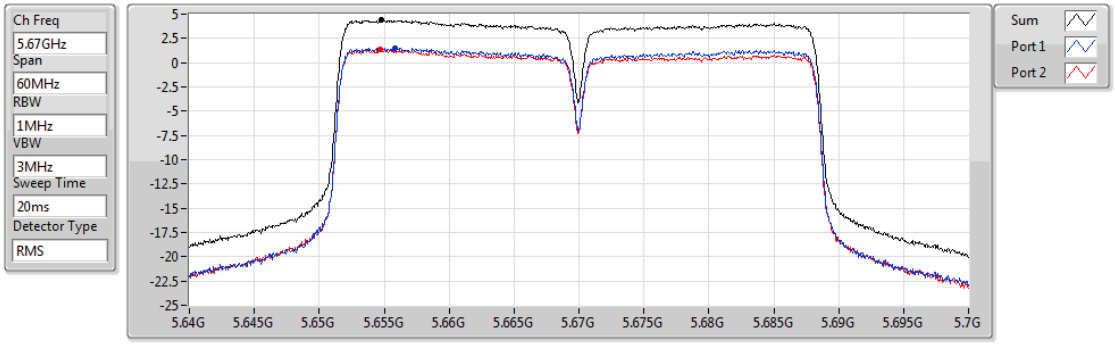
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.23	6.23	3.20	3.27

802.11n HT40_Nss1,(MCS0)_2TX PSD

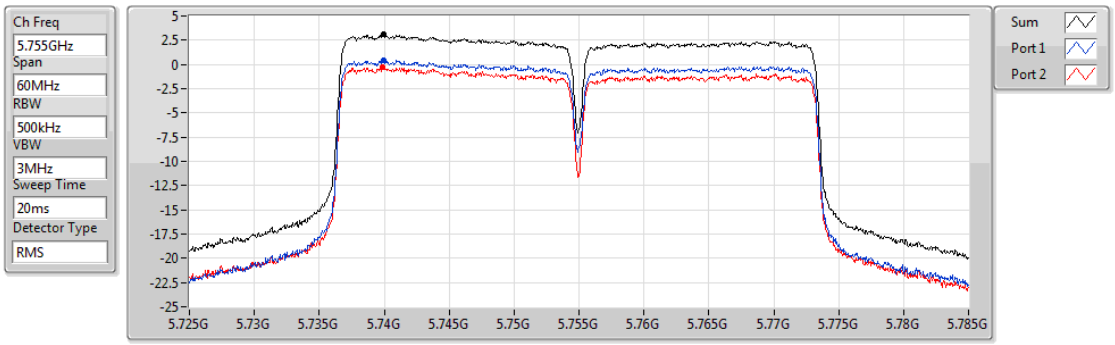
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.39	4.39	1.52	1.33

802.11n HT40_Nss1,(MCS0)_2TX PSD

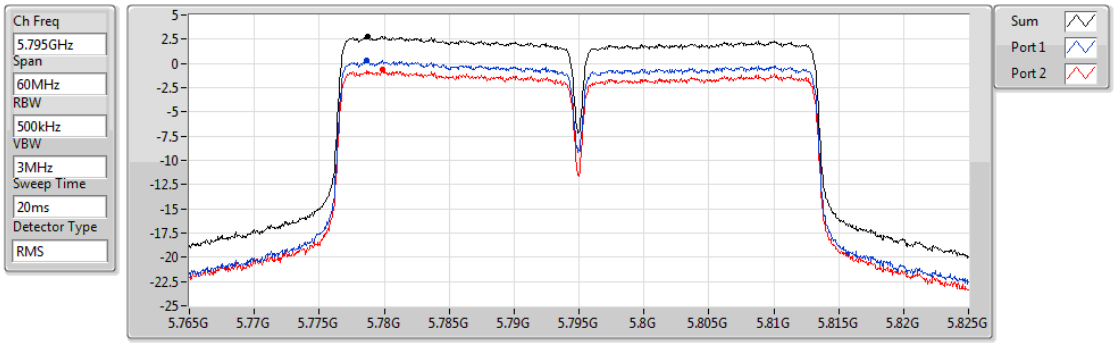
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.08	3.08	0.45	-0.27

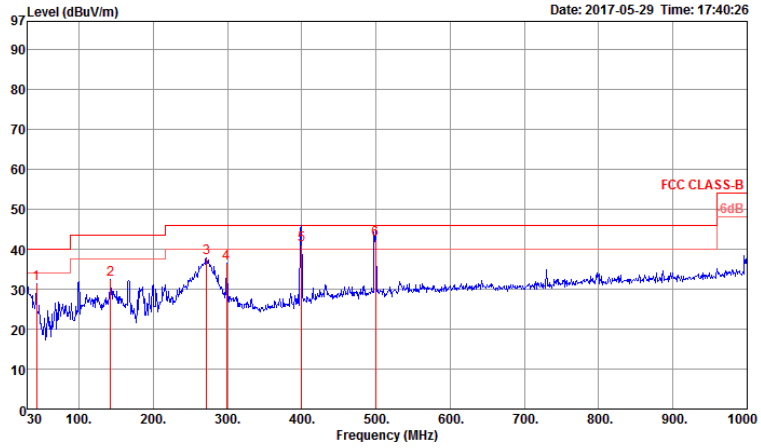
802.11n HT40_Nss1,(MCS0)_2TX PSD

5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.80	2.80	0.36	-0.67

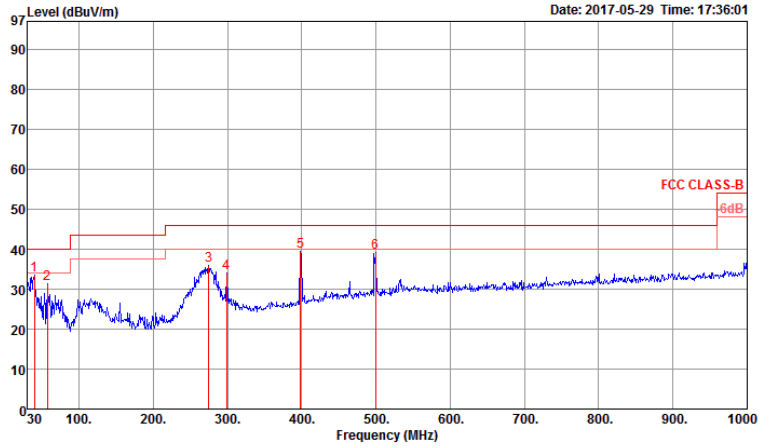
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	42.61	31.33	40.00	-8.67	39.59	2.13	18.18	28.57	100	0	Peak	HORIZONTAL
2	142.52	32.54	43.50	-10.96	41.57	2.31	16.90	28.24	100	0	Peak	HORIZONTAL
3	271.53	37.81	46.00	-8.19	44.01	2.67	19.00	27.87	100	0	Peak	HORIZONTAL
4	298.69	36.56	46.00	-9.44	42.60	2.76	19.01	27.81	100	0	Peak	HORIZONTAL
5	399.57	41.05	46.00	-4.95	45.10	3.10	21.57	28.72	76	100	QP	HORIZONTAL
6	499.48	42.52	46.00	-3.48	44.90	3.45	23.45	29.28	208	231	QP	HORIZONTAL

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

RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	39.70	33.58	40.00	-6.42	40.11	2.11	19.94	28.58	400	0	Peak	VERTICAL
2	57.16	31.33	40.00	-8.67	45.24	2.18	12.45	28.54	400	0	Peak	VERTICAL
3	274.44	36.07	46.00	-9.93	42.39	2.68	18.87	27.87	400	0	Peak	VERTICAL
4	298.69	34.16	46.00	-11.84	40.20	2.76	19.01	27.81	400	0	Peak	VERTICAL
5	398.60	39.50	46.00	-6.50	43.55	3.10	21.57	28.72	400	0	Peak	VERTICAL
6	499.48	39.06	46.00	-6.94	41.44	3.45	23.45	29.28	400	0	Peak	VERTICAL

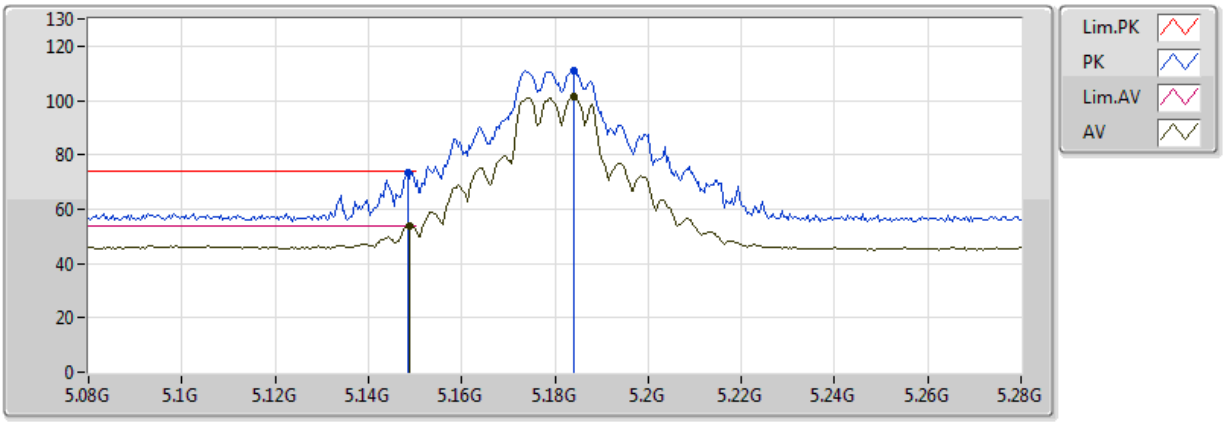
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

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	5.1488G	53.97	54.00	-0.03	4.64	3	V	357	1.50	-

802.11a_(6Mbps)_2TX

5180MHz_TX

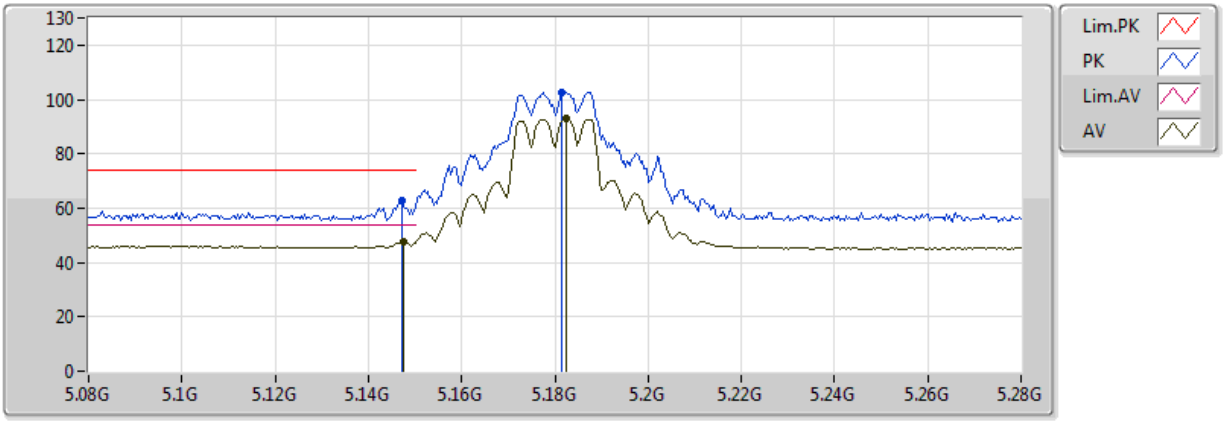


20170525
EUT Z_2TX
Setting 18.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1488G	53.97	54.00	-0.03	4.64	3	V	357	1.50	-
AV	5.184G	101.31	Inf	-Inf	4.77	3	V	357	1.50	-
PK	5.1484G	73.42	74.00	-0.58	4.64	3	V	357	1.50	-
PK	5.184G	111.05	Inf	-Inf	4.77	3	V	357	1.50	-

802.11a_(6Mbps)_2TX

5180MHz_TX

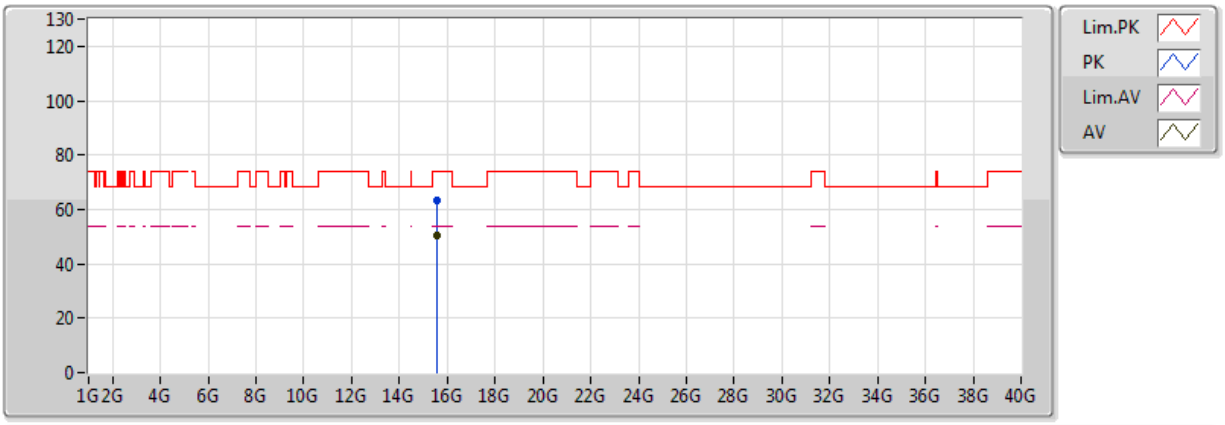


20170525
EUT Z_2TX
Setting 18.5
04-J-6-10
FSP(100142)

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	47.71	54.00	-6.29	4.64	3	H	342	1.50	-
AV	5.1824G	93.02	Inf	-Inf	4.76	3	H	342	1.50	-
PK	5.1472G	62.79	74.00	-11.21	4.63	3	H	342	1.50	-
PK	5.1816G	102.66	Inf	-Inf	4.76	3	H	342	1.50	-

802.11a_(6Mbps)_2TX

5180MHz_TX

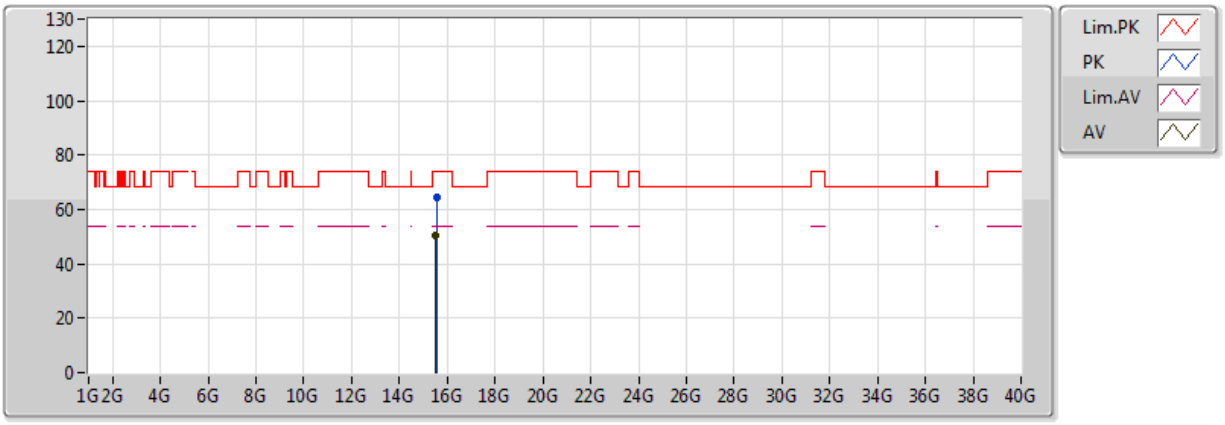


20170525
EUT Z_2TX
Setting 18.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54316G	50.44	54.00	-3.56	17.23	3	V	309	1.33	-
PK	15.5428G	63.52	74.00	-10.48	17.23	3	V	309	1.33	-

802.11a_(6Mbps)_2TX

5180MHz_TX

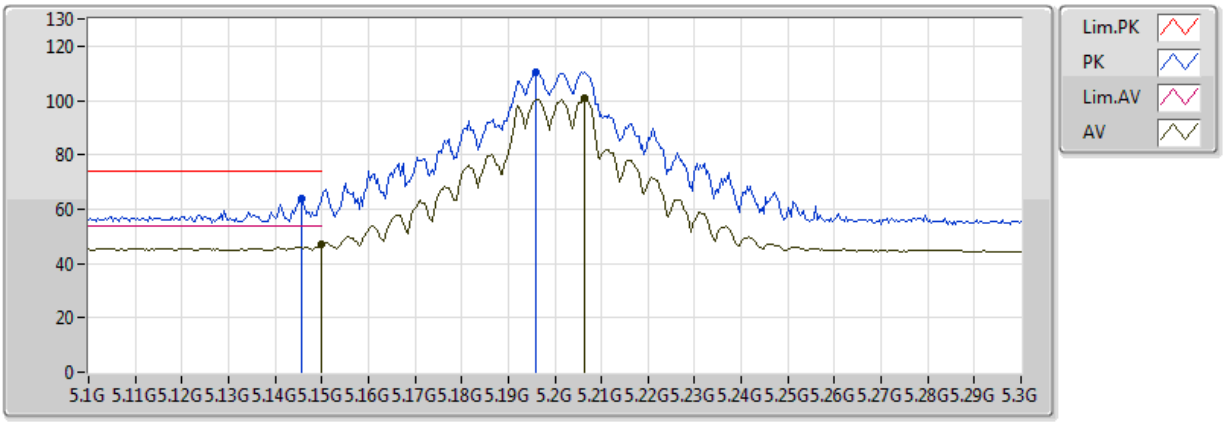


20170525
EUT Z_2TX
Setting 18.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53704G	50.57	54.00	-3.43	17.24	3	H	314	1.23	-
PK	15.5416G	64.20	74.00	-9.80	17.23	3	H	314	1.23	-

802.11a_(6Mbps)_2TX

5200MHz_TX

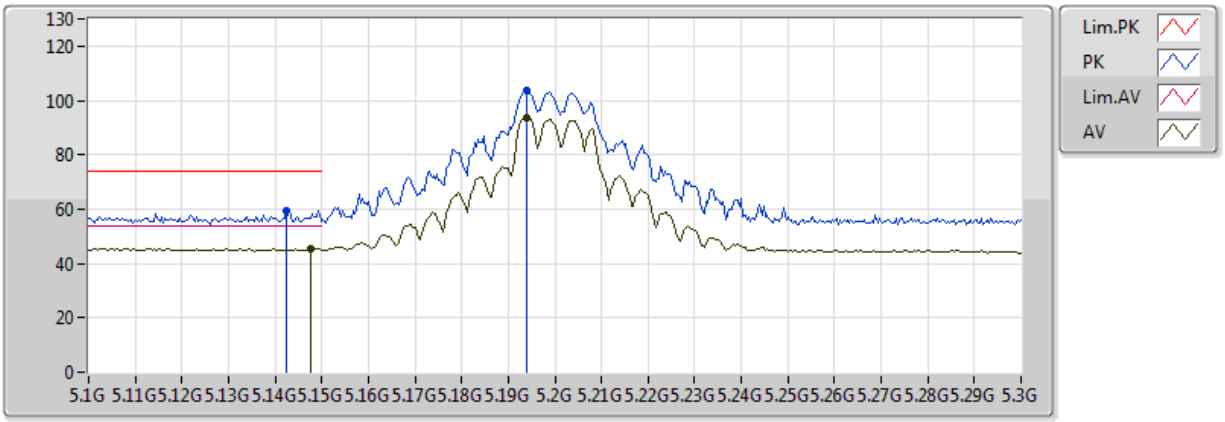


20170525
EUT Z_2TX
Setting 22
04-J-6-10
FSP(100142)

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	46.98	54.00	-7.02	4.64	3	V	197	1.49	-
AV	5.2064G	100.59	Inf	-Inf	4.84	3	V	197	1.49	-
PK	5.1456G	63.86	74.00	-10.14	4.63	3	V	197	1.49	-
PK	5.196G	110.44	Inf	-Inf	4.82	3	V	197	1.49	-

802.11a_(6Mbps)_2TX

5200MHz_TX

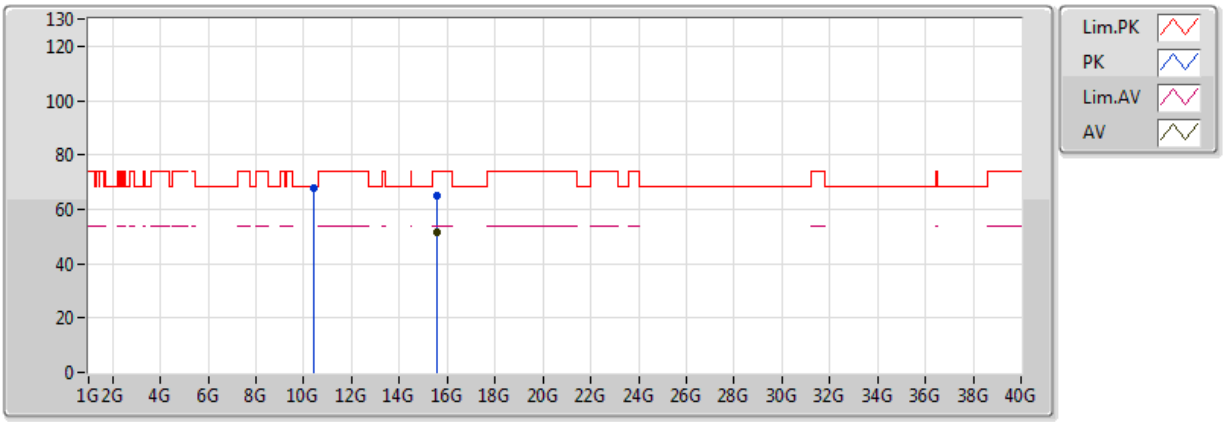


20170525
EUT Z_2TX
Setting 22
04-J-6-10
FSP(100142)

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	45.43	54.00	-8.57	4.64	3	H	347	1.45	-
AV	5.194G	93.78	Inf	-Inf	4.81	3	H	347	1.45	-
PK	5.1424G	59.50	74.00	-14.50	4.62	3	H	347	1.45	-
PK	5.194G	103.69	Inf	-Inf	4.81	3	H	347	1.45	-

802.11a_(6Mbps)_2TX

5200MHz_TX

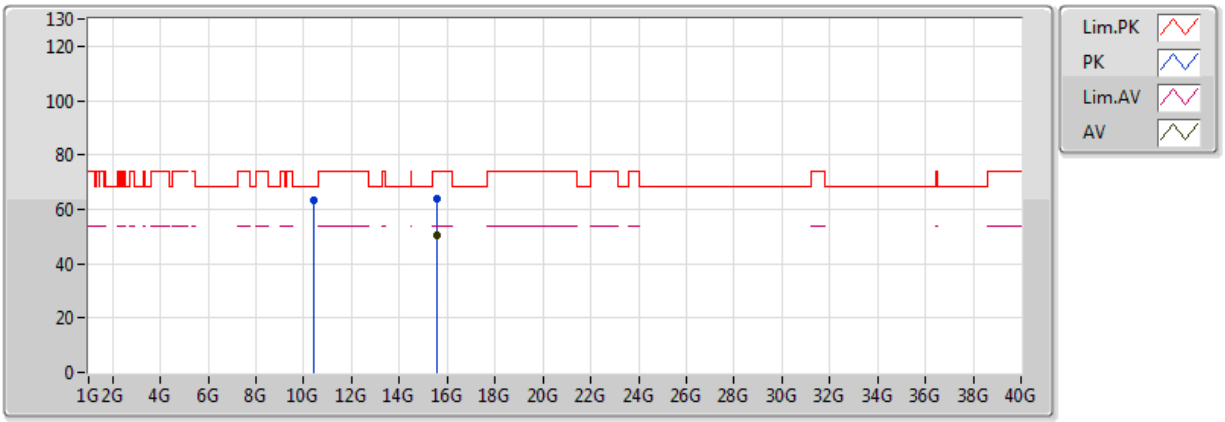


20170525
EUT Z_2TX
Setting 22
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59704G	51.52	54.00	-2.48	17.19	3	V	307	1.92	-
PK	10.39432G	67.97	68.20	-0.23	14.56	3	V	304	2.93	-
PK	15.59668G	65.04	74.00	-8.96	17.19	3	V	307	1.92	-

802.11a_(6Mbps)_2TX

5200MHz_TX

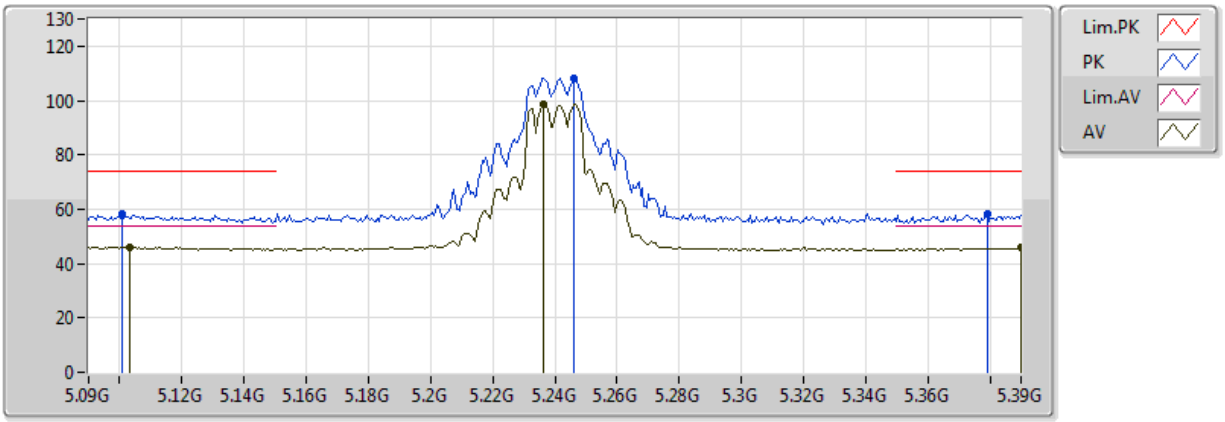


20170525
EUT Z_2TX
Setting 22
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59976G	50.47	54.00	-3.53	17.19	3	H	302	1.82	-
PK	10.40136G	63.30	68.20	-4.90	14.57	3	H	302	2.13	-
PK	15.5942G	63.82	74.00	-10.18	17.19	3	H	302	1.82	-

802.11a_(6Mbps)_2TX

5240MHz_TX

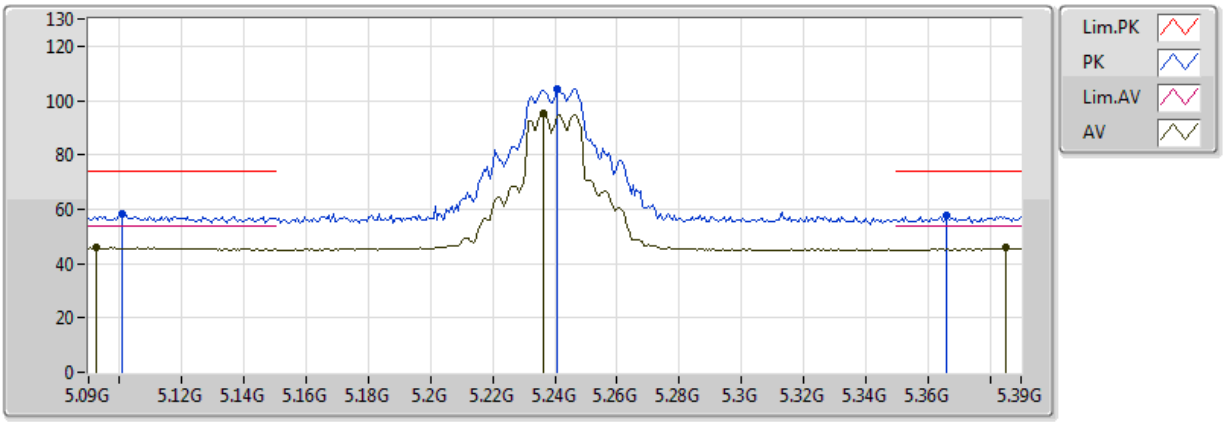


20170525
EUT Z_2TX
Setting 16.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1032G	45.89	54.00	-8.11	4.47	3	V	348	1.50	-
AV	5.2364G	98.45	Inf	-Inf	4.88	3	V	348	1.50	-
AV	5.39G	45.79	54.00	-8.21	5.07	3	V	348	1.50	-
PK	5.1008G	58.47	74.00	-15.53	4.46	3	V	348	1.50	-
PK	5.246G	108.40	Inf	-Inf	4.89	3	V	348	1.50	-
PK	5.3792G	58.29	74.00	-15.71	5.06	3	V	348	1.50	-

802.11a_(6Mbps)_2TX

5240MHz_TX

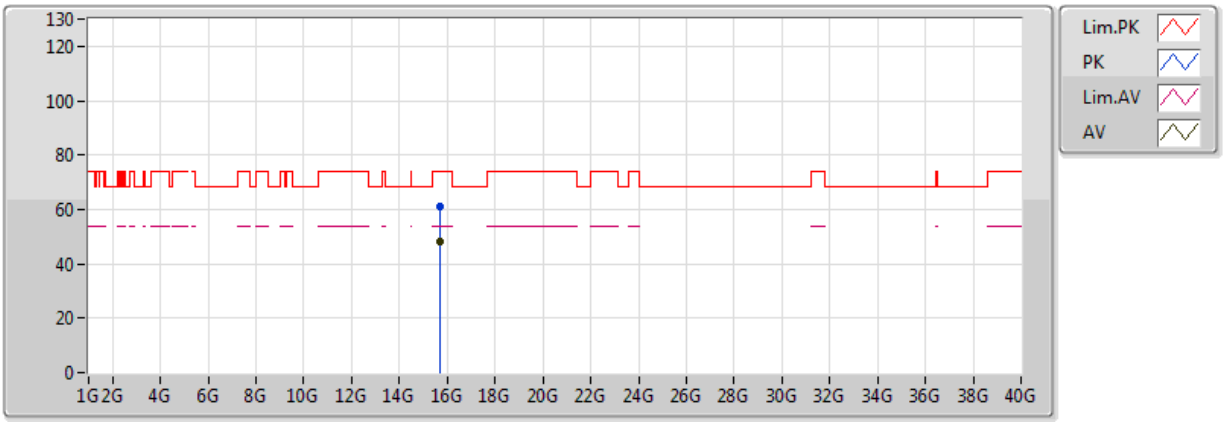


20170525
EUT Z_2TX
Setting 16.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0924G	46.11	54.00	-7.89	4.43	3	H	210	2.99	-
AV	5.2364G	95.13	Inf	-Inf	4.88	3	H	210	2.99	-
AV	5.3852G	45.75	54.00	-8.25	5.06	3	H	210	2.99	-
PK	5.1008G	58.13	74.00	-15.87	4.46	3	H	210	2.99	-
PK	5.2406G	104.29	Inf	-Inf	4.89	3	H	210	2.99	-
PK	5.366G	57.78	74.00	-16.22	5.04	3	H	210	2.99	-

802.11a_(6Mbps)_2TX

5240MHz_TX

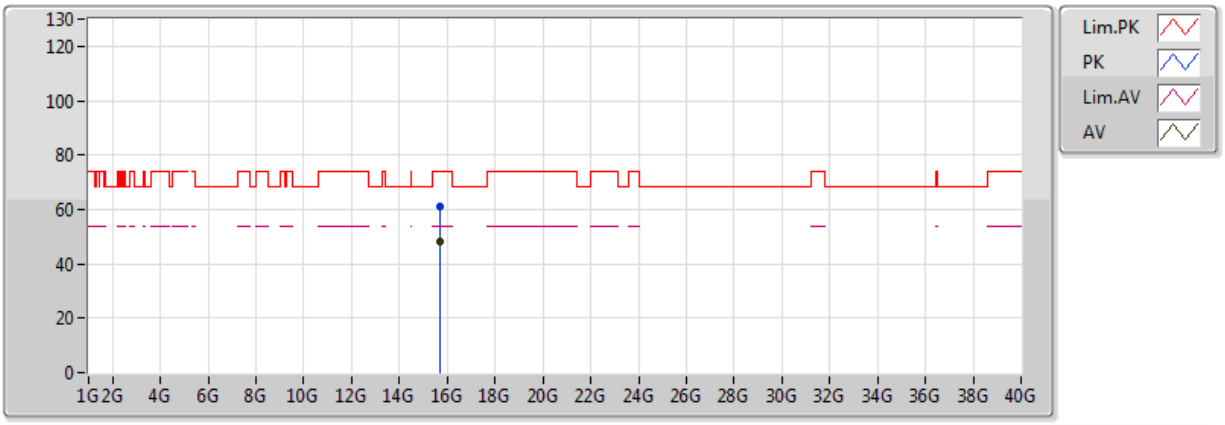


20170525
EUT Z_2TX
Setting 16.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71696G	48.01	54.00	-5.99	17.09	3	V	277	2.37	-
PK	15.72628G	61.29	74.00	-12.71	17.09	3	V	277	2.37	-

802.11a_(6Mbps)_2TX

5240MHz_TX

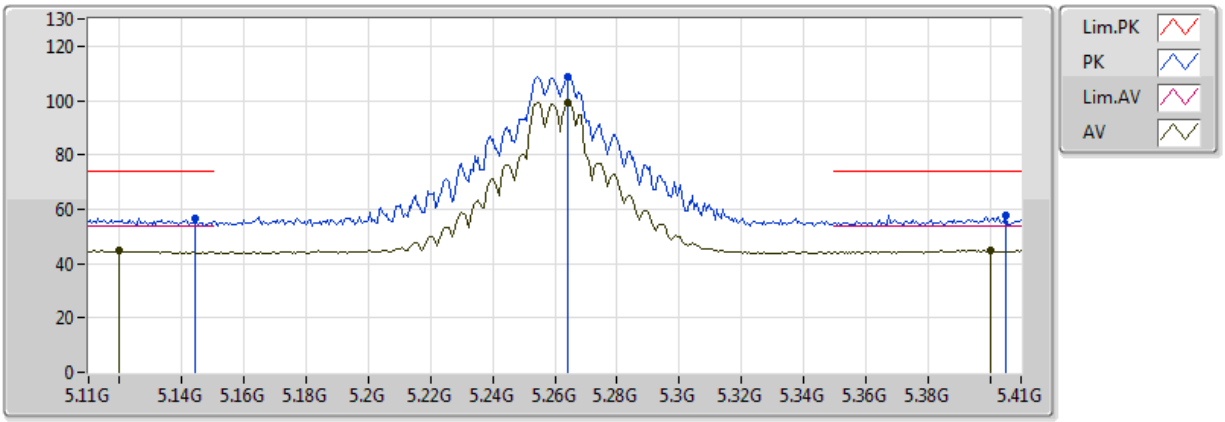


20170525
EUT Z_2TX
Setting 16.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7136G	48.06	54.00	-5.94	17.10	3	H	278	1.02	-
PK	15.72048G	61.07	74.00	-12.93	17.09	3	H	278	1.02	-

802.11a_(6Mbps)_2TX

5260MHz_TX

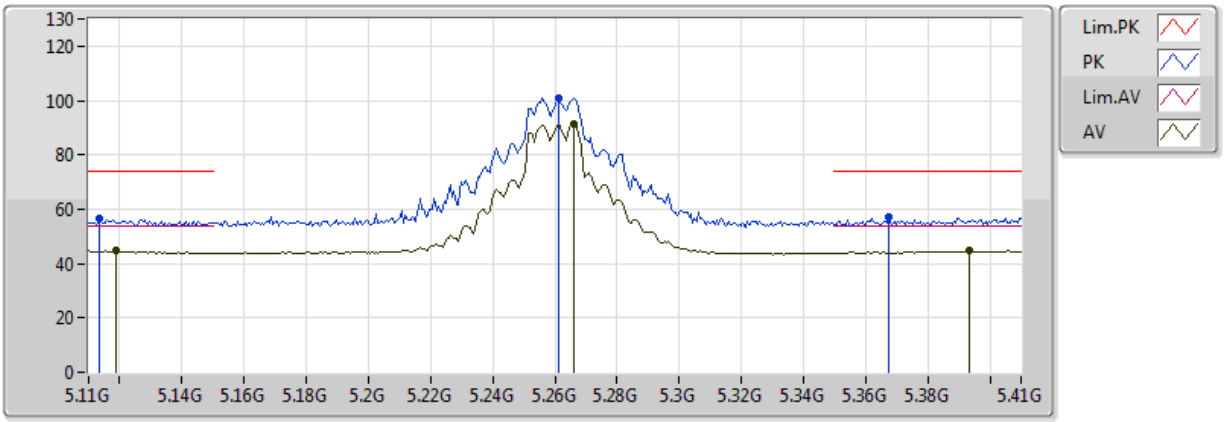


20170525
EUT Z_2TX
Setting 21
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1196G	45.00	54.00	-9.00	4.53	3	V	348	1.50	-
AV	5.2642G	99.20	Inf	-Inf	4.92	3	V	348	1.50	-
AV	5.4004G	44.98	54.00	-9.02	5.08	3	V	348	1.50	-
PK	5.1442G	56.49	74.00	-17.51	4.62	3	V	348	1.50	-
PK	5.2642G	108.57	Inf	-Inf	4.92	3	V	348	1.50	-
PK	5.4052G	57.69	74.00	-16.31	5.10	3	V	348	1.50	-

802.11a_(6Mbps)_2TX

5260MHz_TX

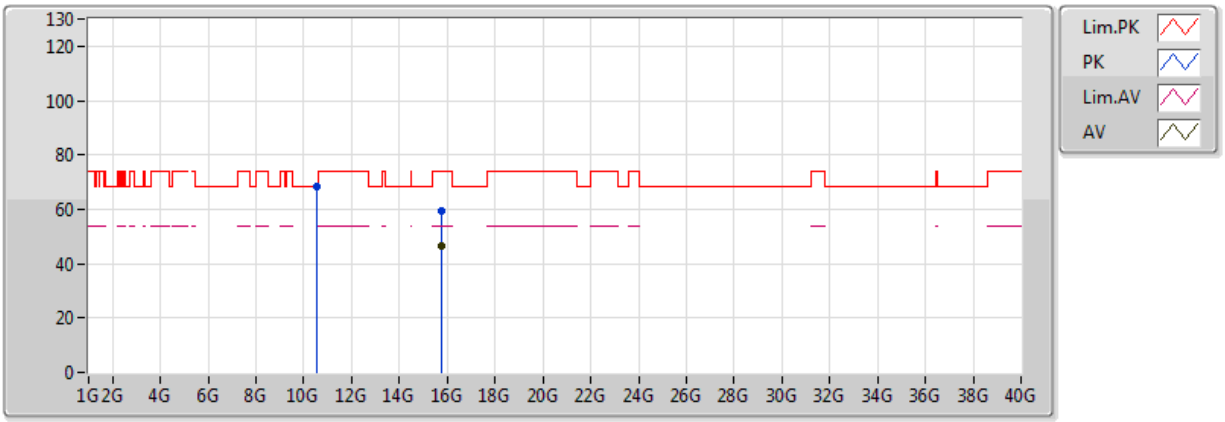


20170525
EUT Z_2TX
Setting 21
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.266G	91.37	Inf	-Inf	4.92	3	H	319	1.50	-
AV	5.3932G	44.80	54.00	-9.20	5.07	3	H	319	1.50	-
PK	5.1136G	56.66	74.00	-17.34	4.51	3	H	319	1.50	-
PK	5.2612G	100.95	Inf	-Inf	4.92	3	H	319	1.50	-
PK	5.3674G	57.05	74.00	-16.95	5.04	3	H	319	1.50	-
AV	5.119G	44.58	54.00	-9.42	4.53	3	H	319	1.50	-

802.11a_(6Mbps)_2TX

5260MHz_TX

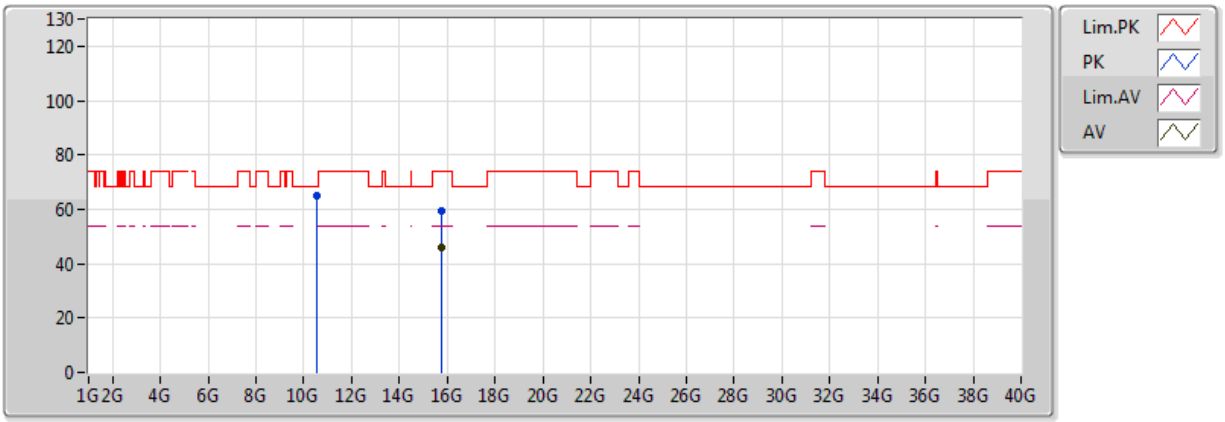


20170525
EUT Z_2TX
Setting 21
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.77684G	46.50	54.00	-7.50	17.05	3	V	32	2.74	-
PK	10.52086G	68.12	68.20	-0.08	14.78	3	V	34	2.67	-
PK	15.77716G	59.50	74.00	-14.50	17.05	3	V	32	2.74	-

802.11a_(6Mbps)_2TX

5260MHz_TX

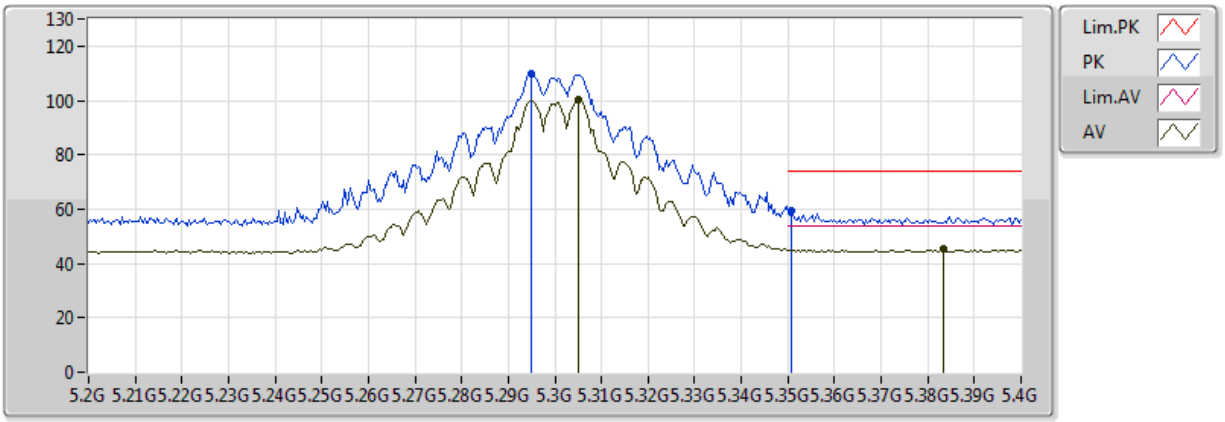


20170525
EUT Z_2TX
Setting 21
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.77778G	45.73	54.00	-8.27	17.05	3	H	40	2.10	-
PK	10.51796G	64.75	68.20	-3.45	14.77	3	H	18	2.94	-
PK	15.77682G	59.16	74.00	-14.84	17.05	3	H	40	2.10	-

802.11a_(6Mbps)_2TX

5300MHz_TX

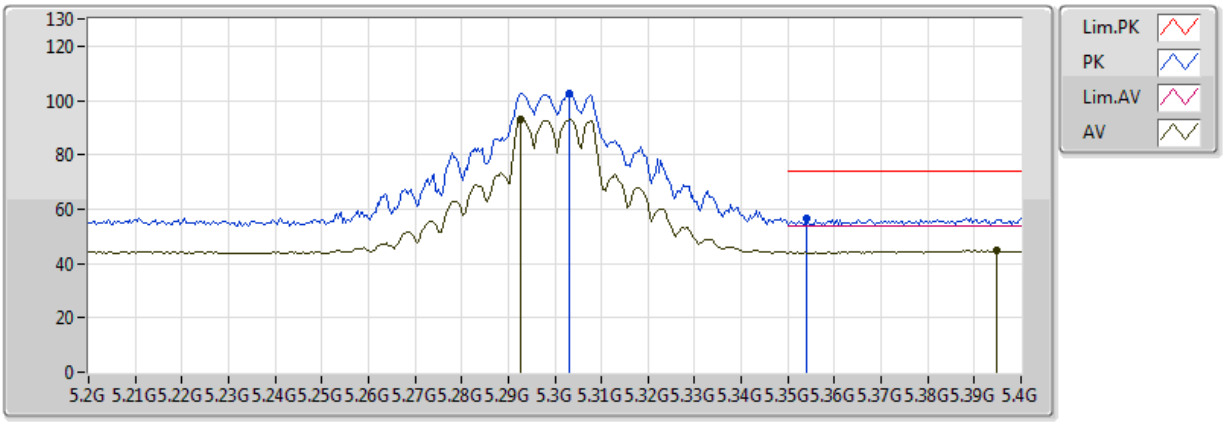


20170525
EUT Z_2TX
Setting 19.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3052G	100.03	Inf	-Inf	4.98	3	V	164	1.66	-
AV	5.3832G	45.12	54.00	-8.88	5.06	3	V	164	1.66	-
PK	5.2948G	109.97	Inf	-Inf	4.96	3	V	164	1.66	-
PK	5.3508G	59.34	74.00	-14.66	5.03	3	V	164	1.66	-

802.11a_(6Mbps)_2TX

5300MHz_TX

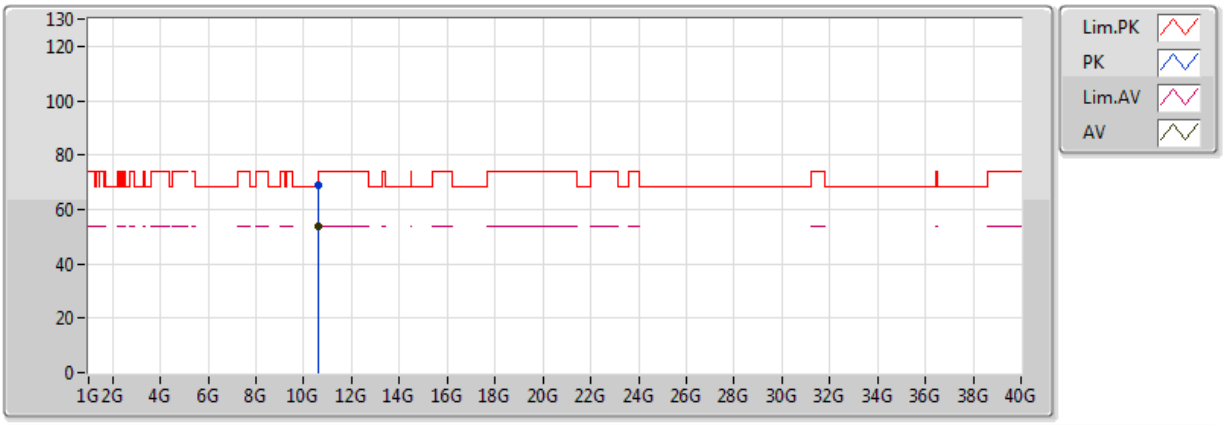


20170525
EUT Z_2TX
Setting 19.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2928G	93.09	Inf	-Inf	4.96	3	H	293	1.65	-
AV	5.3948G	44.75	54.00	-9.25	5.07	3	H	293	1.65	-
PK	5.3032G	102.78	Inf	-Inf	4.97	3	H	293	1.65	-
PK	5.354G	56.34	74.00	-17.66	5.03	3	H	293	1.65	-

802.11a_(6Mbps)_2TX

5300MHz_TX

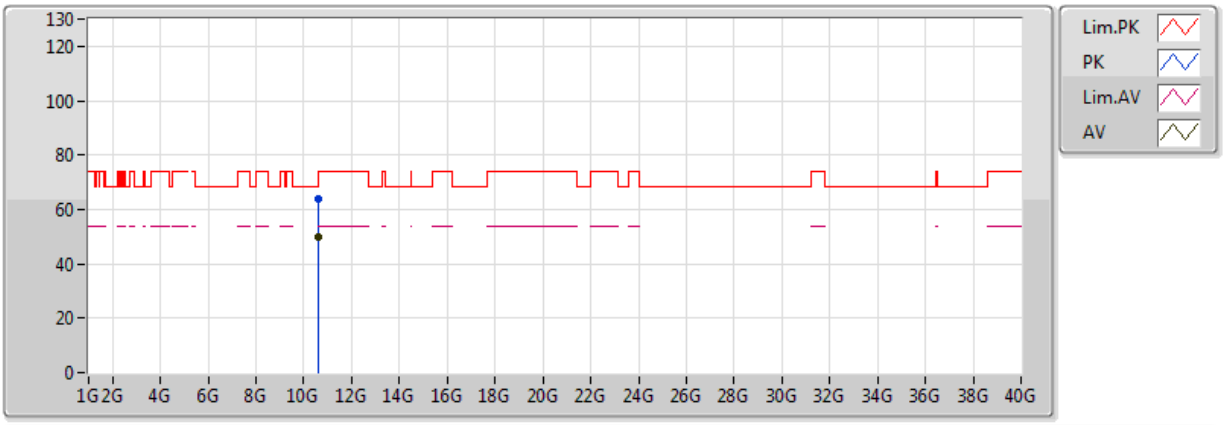


20170525
EUT Z_2TX
Setting 19.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.60032G	53.97	54.00	-0.03	14.91	3	V	44	2.33	-
PK	10.60064G	69.15	74.00	-4.85	14.91	3	V	44	2.33	-

802.11a_(6Mbps)_2TX

5300MHz_TX

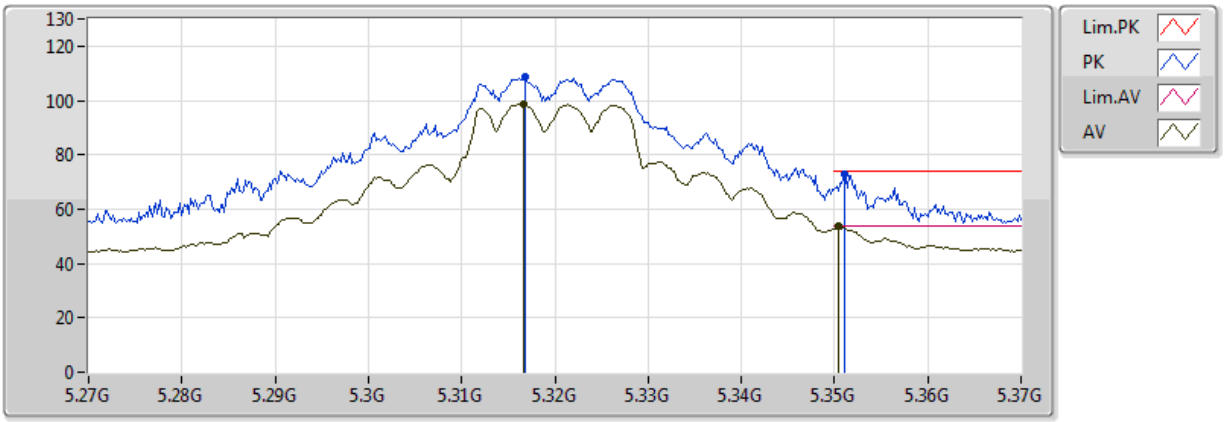


20170525
EUT Z_2TX
Setting 19.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.60001G	49.82	54.00	-4.18	14.91	3	H	14	2.47	-
PK	10.60008G	63.76	74.00	-10.24	14.91	3	H	14	2.47	-

802.11a_(6Mbps)_2TX

5320MHz_TX

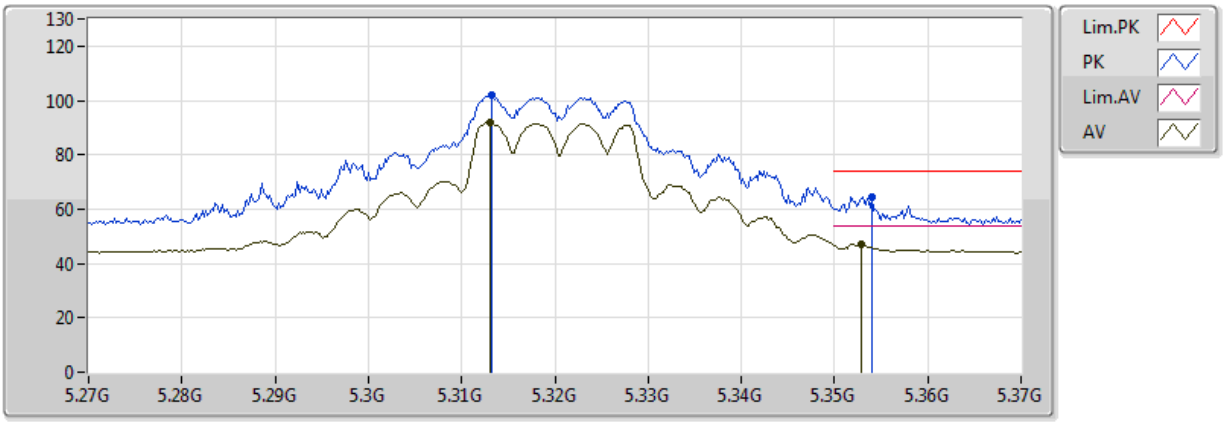


20170525
EUT Z_2TX
Setting 17.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3166G	98.72	Inf	-Inf	4.99	3	V	169	1.50	-
AV	5.3504G	53.73	54.00	-0.27	5.03	3	V	169	1.50	-
PK	5.3168G	108.57	Inf	-Inf	4.99	3	V	169	1.50	-
PK	5.351G	73.06	74.00	-0.94	5.03	3	V	169	1.50	-

802.11a_(6Mbps)_2TX

5320MHz_TX

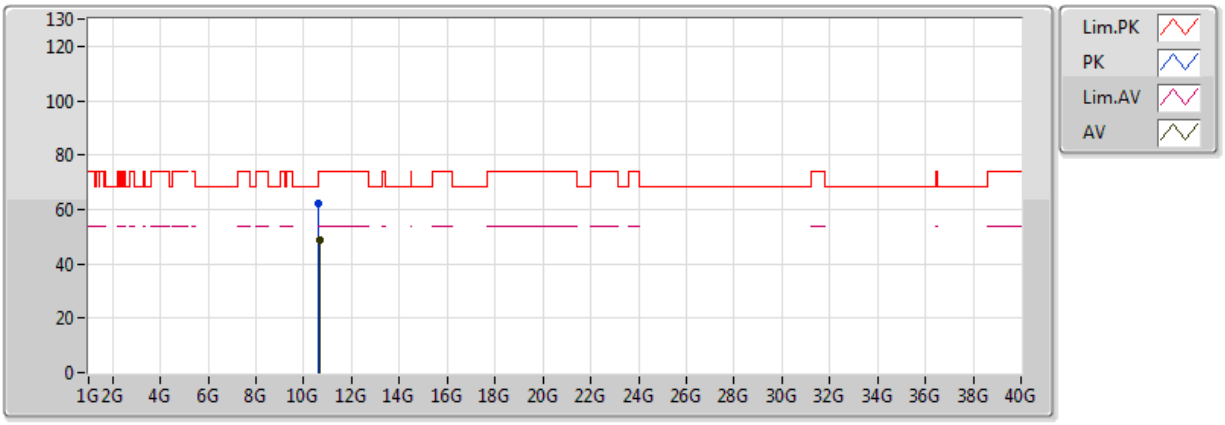


20170525
EUT Z_2TX
Setting 17.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.313G	91.90	Inf	-Inf	4.98	3	H	291	1.79	-
AV	5.3528G	46.90	54.00	-7.10	5.03	3	H	291	1.79	-
PK	5.3132G	101.90	Inf	-Inf	4.98	3	H	291	1.79	-
PK	5.354G	64.49	74.00	-9.51	5.03	3	H	291	1.79	-

802.11a_(6Mbps)_2TX

5320MHz_TX

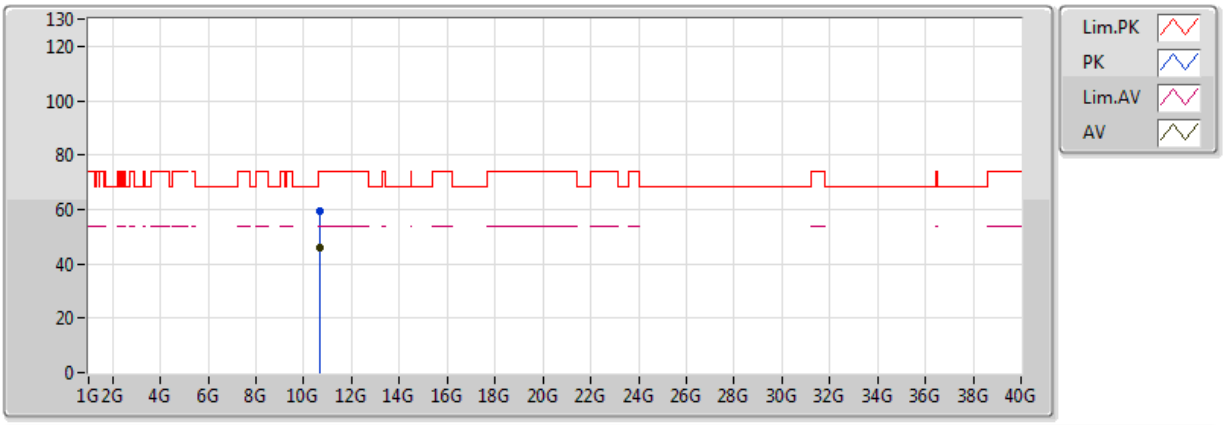


20170525
EUT Z_2TX
Setting 17.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6388G	48.50	54.00	-5.50	14.98	3	V	133	2.07	-
PK	10.63864G	62.01	74.00	-11.99	14.98	3	V	133	2.07	-

802.11a_(6Mbps)_2TX

5320MHz_TX

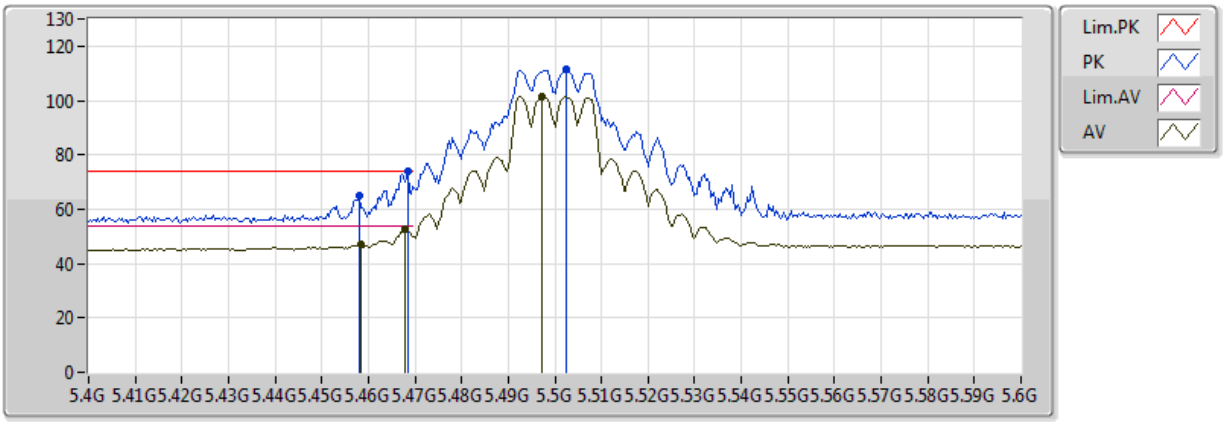


20170525
EUT Z_2TX
Setting 17.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.63932G	46.04	54.00	-7.96	14.98	3	H	321	2.12	-
PK	10.64452G	59.54	74.00	-14.46	14.99	3	H	321	2.12	-

802.11a_(6Mbps)_2TX

5500MHz_TX

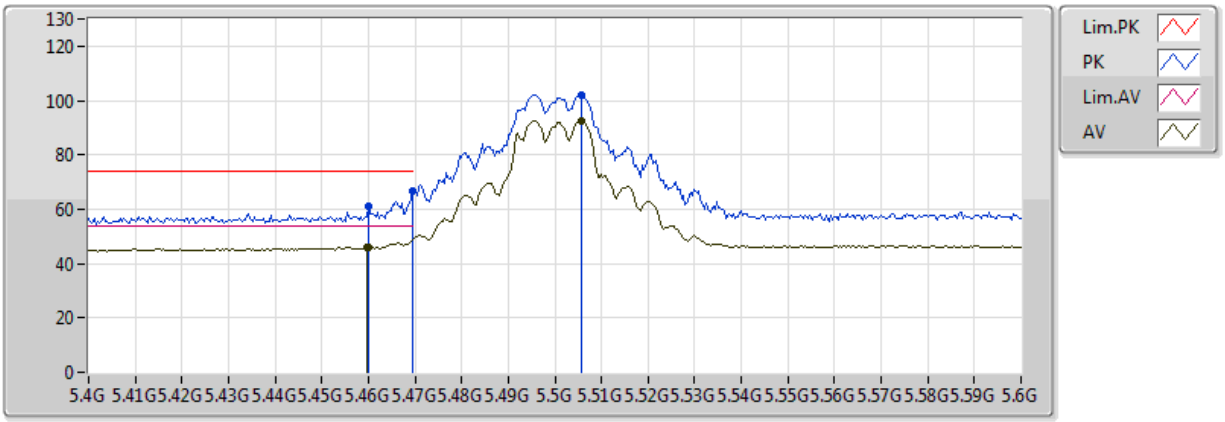


20170525
EUT Z_2TX
Setting 15
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4584G	46.93	54.00	-7.07	5.36	3	V	353	1.58	-
AV	5.468G	52.64	54.00	-1.36	5.41	3	V	353	1.58	-
AV	5.4972G	101.57	Inf	-Inf	5.55	3	V	353	1.58	-
PK	5.458G	65.06	74.00	-8.94	5.36	3	V	353	1.58	-
PK	5.4684G	73.78	74.00	-0.22	5.41	3	V	353	1.58	-
PK	5.5024G	111.57	Inf	-Inf	5.57	3	V	353	1.58	-

802.11a_(6Mbps)_2TX

5500MHz_TX

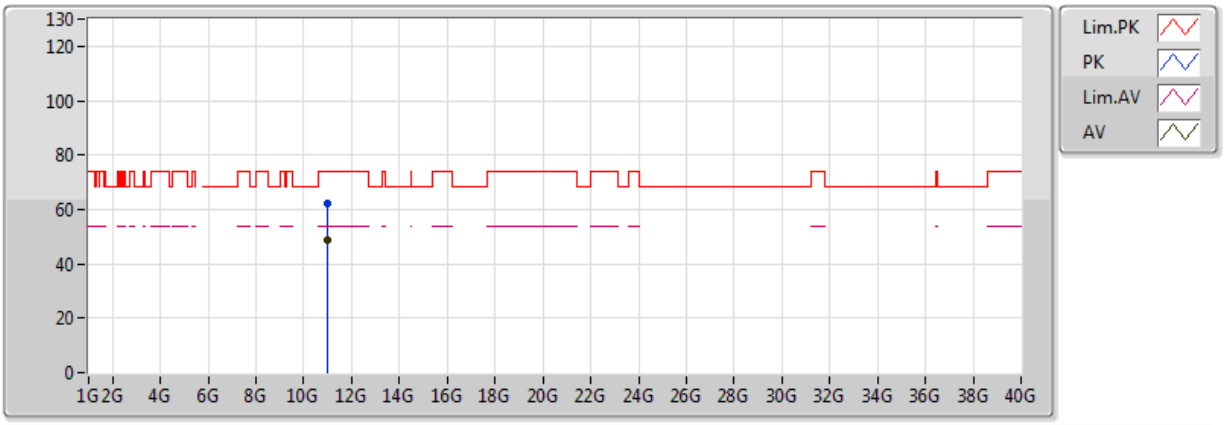


20170525
EUT Z_2TX
Setting 15
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4596G	45.91	54.00	-8.09	5.37	3	H	293	1.72	-
AV	5.46G	45.90	54.00	-8.10	5.37	3	H	293	1.72	-
AV	5.5056G	92.72	Inf	-Inf	5.59	3	H	293	1.72	-
PK	5.46G	60.87	74.00	-13.13	5.37	3	H	293	1.72	-
PK	5.4696G	66.68	74.00	-7.32	5.41	3	H	293	1.72	-
PK	5.5056G	102.26	Inf	-Inf	5.59	3	H	293	1.72	-

802.11a_(6Mbps)_2TX

5500MHz_TX

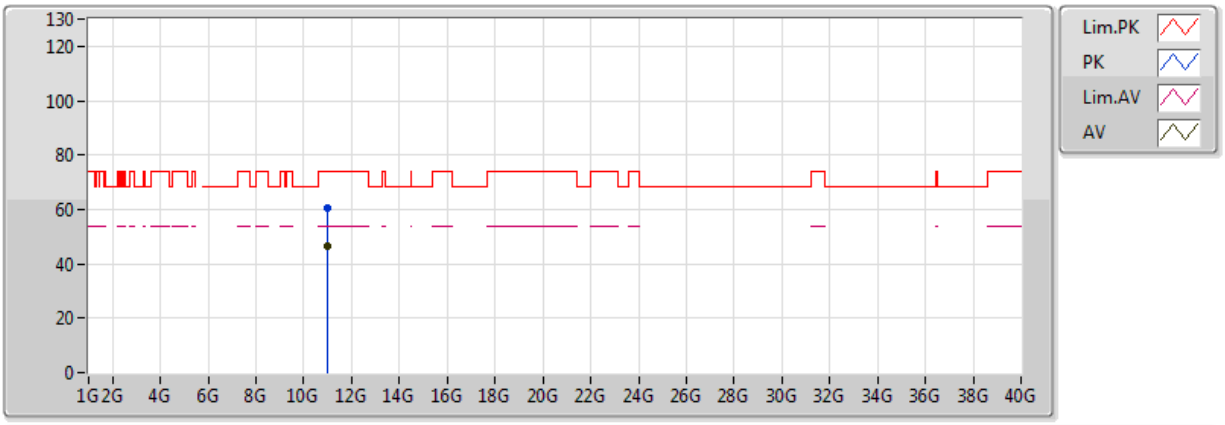


20170525
EUT Z_2TX
Setting 15
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.00788G	48.66	54.00	-5.34	15.60	3	V	166	1.73	-
PK	10.99804G	62.07	74.00	-11.93	15.60	3	V	166	1.73	-

802.11a_(6Mbps)_2TX

5500MHz_TX

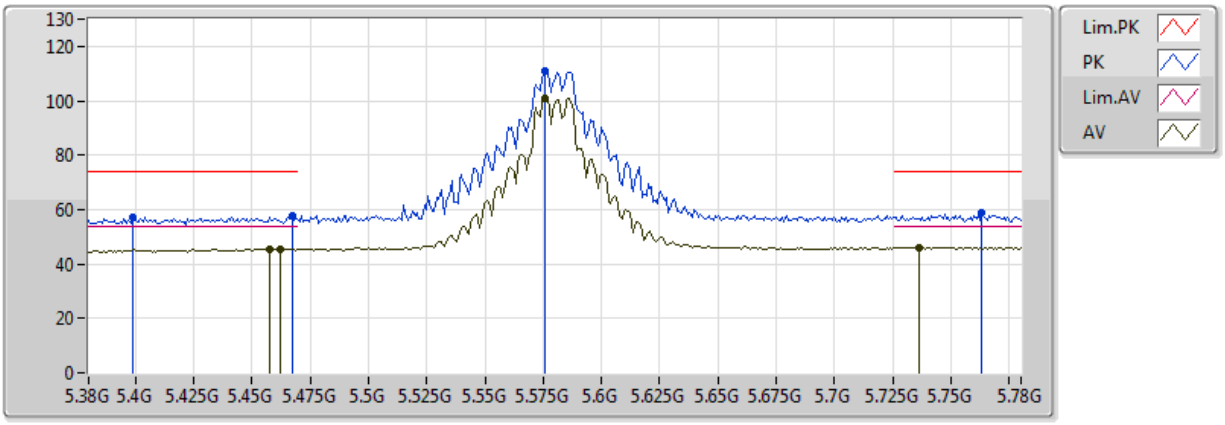


20170525
EUT Z_2TX
Setting 15
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.003G	46.37	54.00	-7.63	15.60	3	H	230	1.72	-
PK	11.00456G	60.71	74.00	-13.29	15.60	3	H	230	1.72	-

802.11a_(6Mbps)_2TX

5580MHz_TX

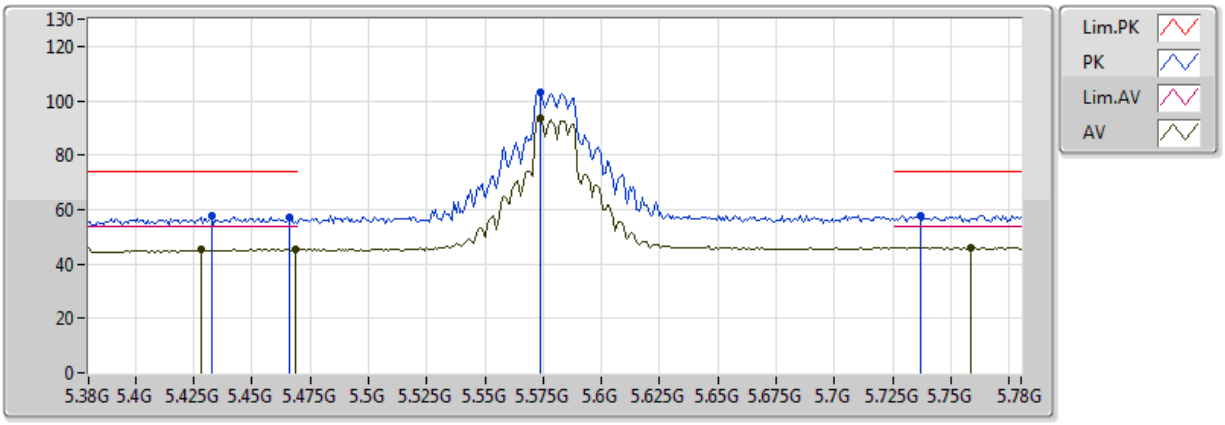


20170525
EUT Z_2TX
Setting 19.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4576G	45.56	54.00	-8.44	5.36	3	V	167	1.54	-
AV	5.4624G	45.52	54.00	-8.48	5.38	3	V	167	1.54	-
AV	5.576G	101.08	Inf	-Inf	5.99	3	V	167	1.54	-
AV	5.736G	46.13	54.00	-7.87	6.30	3	V	167	1.54	-
PK	5.3992G	57.37	74.00	-16.63	5.08	3	V	167	1.54	-
PK	5.4672G	57.75	74.00	-16.25	5.40	3	V	167	1.54	-
PK	5.576G	110.83	Inf	-Inf	5.99	3	V	167	1.54	-
PK	5.7632G	58.62	74.00	-15.38	6.34	3	V	167	1.54	-

802.11a_(6Mbps)_2TX

5580MHz_TX

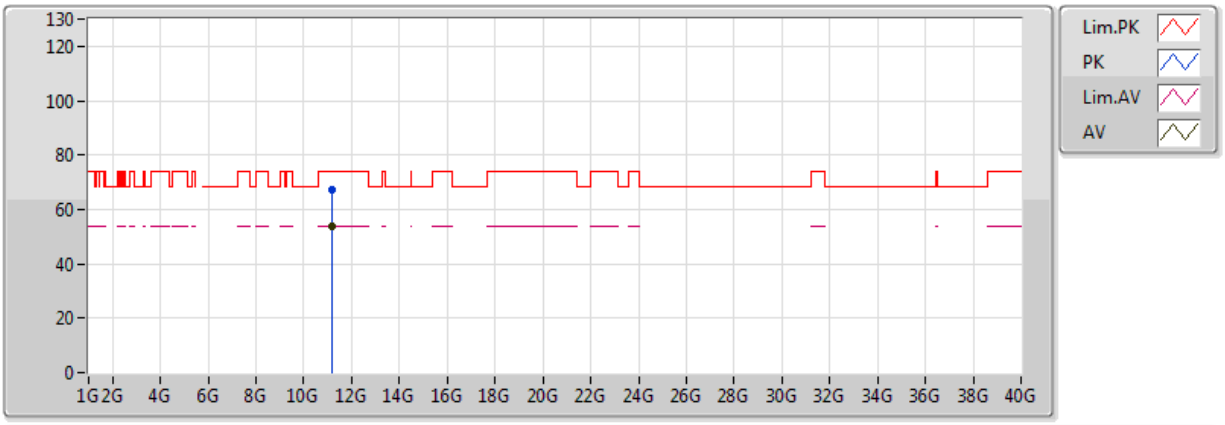


20170525
EUT Z_2TX
Setting 19.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4688G	45.35	54.00	-8.65	5.41	3	H	294	1.50	-
AV	5.5736G	93.42	Inf	-Inf	5.97	3	H	294	1.50	-
AV	5.7584G	46.17	54.00	-7.83	6.34	3	H	294	1.50	-
PK	5.4328G	57.47	74.00	-16.53	5.24	3	H	294	1.50	-
PK	5.4664G	57.16	74.00	-16.84	5.40	3	H	294	1.50	-
PK	5.5736G	103.14	Inf	-Inf	5.97	3	H	294	1.50	-
PK	5.7368G	57.93	74.00	-16.07	6.31	3	H	294	1.50	-
AV	5.428G	45.14	54.00	-8.86	5.21	3	H	294	1.50	-

802.11a_(6Mbps)_2TX

5580MHz_TX

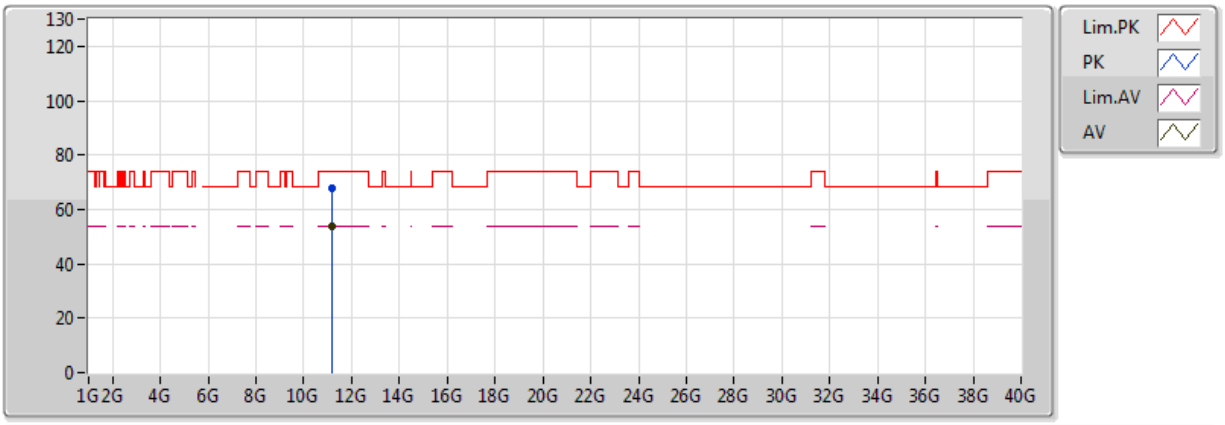


20170525
EUT Z_2TX
Setting 19.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16036G	53.61	54.00	-0.39	15.67	3	V	296	2.42	-
PK	11.16068G	67.08	74.00	-6.92	15.67	3	V	296	2.42	-

802.11a_(6Mbps)_2TX

5580MHz_TX

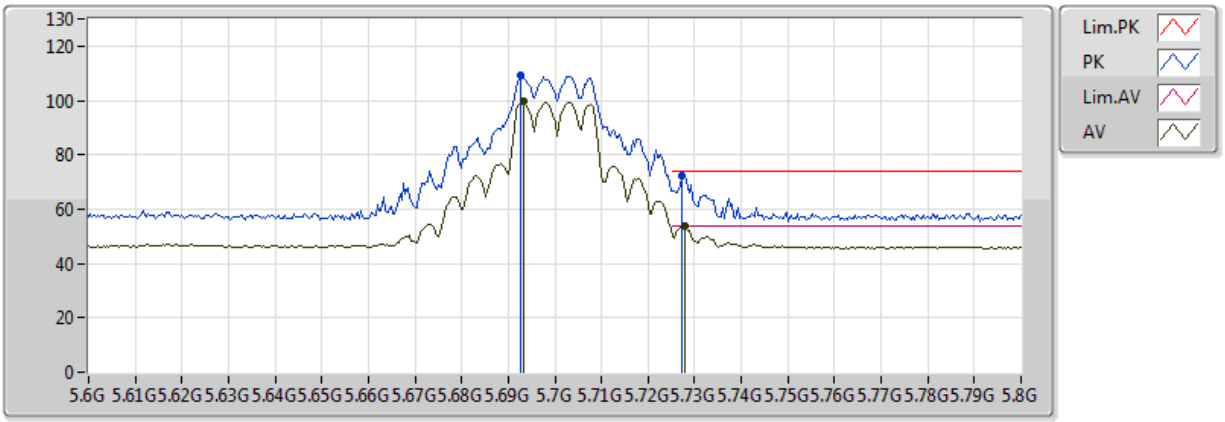


20170525
EUT Z_2TX
Setting 19.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1602G	53.88	54.00	-0.12	15.67	3	H	300	2.23	-
PK	11.15976G	67.77	74.00	-6.23	15.67	3	H	300	2.23	-

802.11a_(6Mbps)_2TX

5700MHz_TX

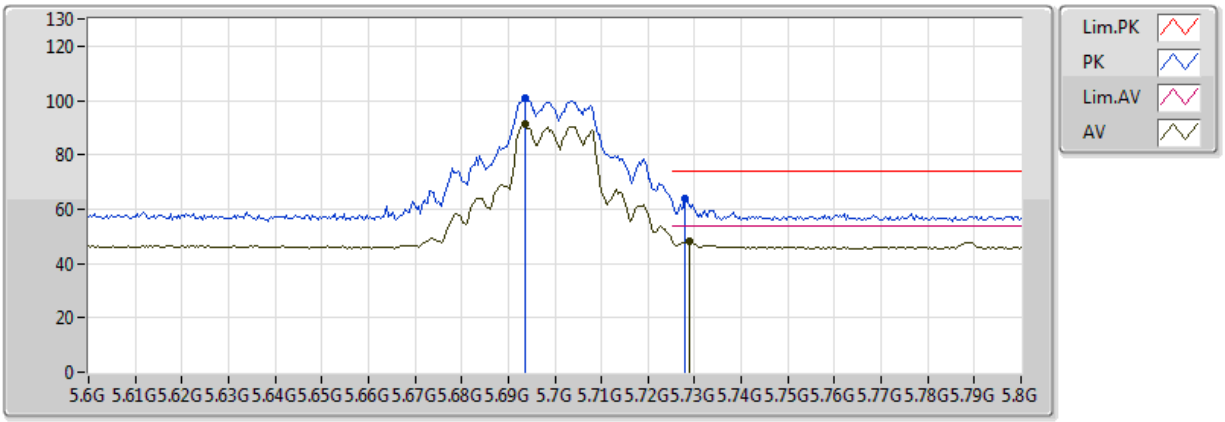


20170525
EUT Z_2TX
Setting 16
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6932G	99.47	Inf	-Inf	6.24	3	V	360	1.56	-
AV	5.728G	53.64	54.00	-0.36	6.29	3	V	360	1.56	-
PK	5.6928G	109.36	Inf	-Inf	6.24	3	V	360	1.56	-
PK	5.7272G	72.52	74.00	-1.48	6.29	3	V	360	1.56	-

802.11a_(6Mbps)_2TX

5700MHz_TX

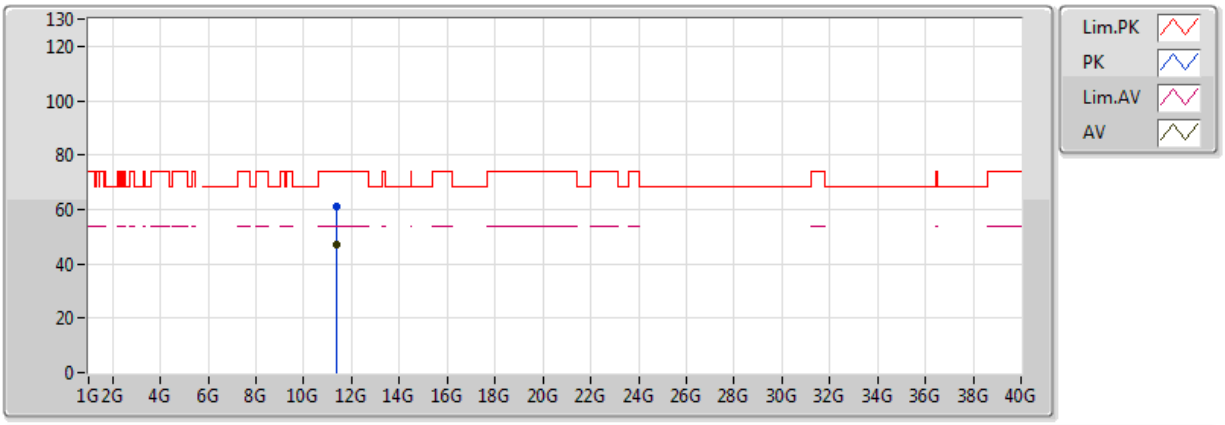


20170525
EUT Z_2TX
Setting 16
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6936G	91.16	Inf	-Inf	6.24	3	H	293	1.48	-
AV	5.7288G	48.01	54.00	-5.99	6.29	3	H	293	1.48	-
PK	5.6936G	100.85	Inf	-Inf	6.24	3	H	293	1.48	-
PK	5.728G	63.74	74.00	-10.26	6.29	3	H	293	1.48	-

802.11a_(6Mbps)_2TX

5700MHz_TX

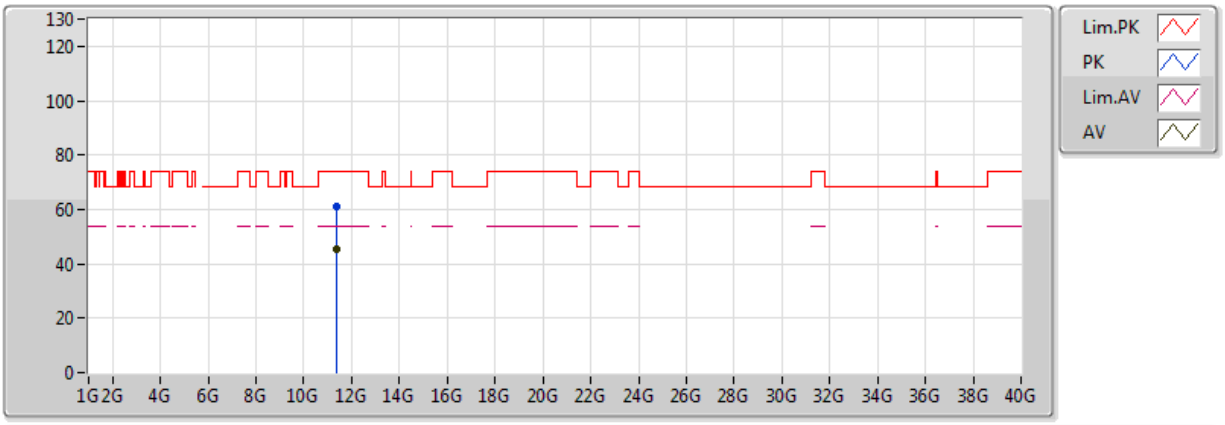


20170525
EUT Z_2TX
Setting 16
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.39892G	46.83	54.00	-7.17	15.78	3	V	290	2.18	-
PK	11.39876G	60.92	74.00	-13.08	15.78	3	V	290	2.18	-

802.11a_(6Mbps)_2TX

5700MHz_TX

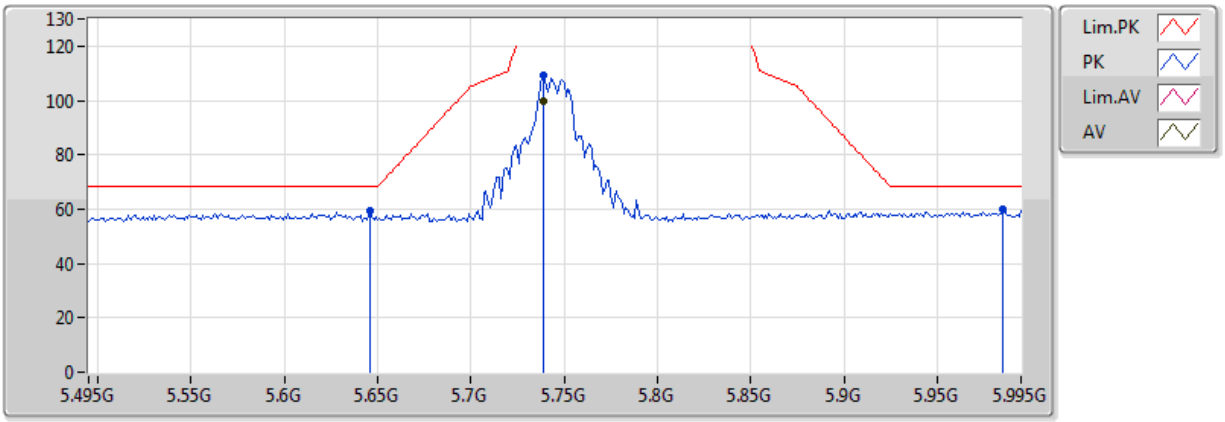


20170525
EUT Z_2TX
Setting 16
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.40084G	45.63	54.00	-8.37	15.78	3	H	128	2.33	-
PK	11.40076G	60.93	74.00	-13.07	15.78	3	H	128	2.33	-

802.11a_(6Mbps)_2TX

5745MHz_TX

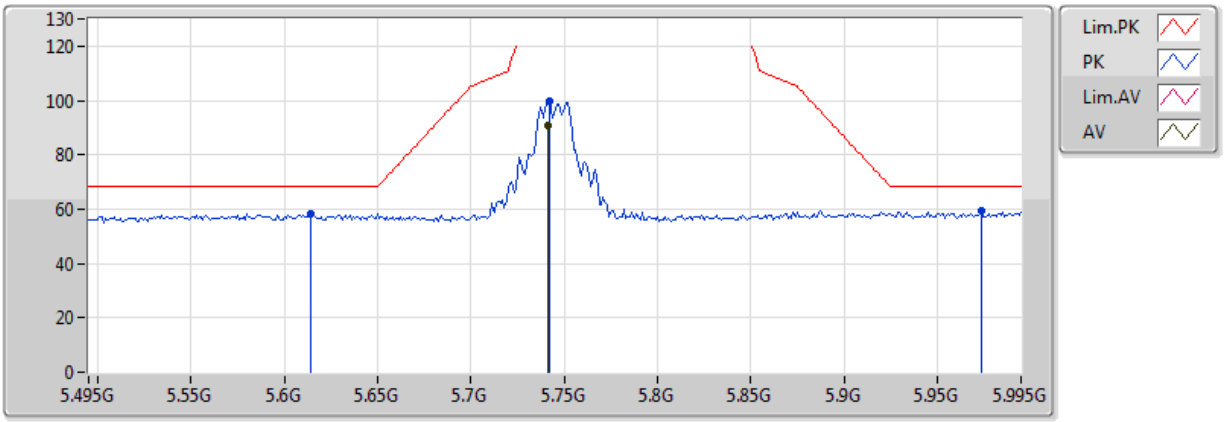


20170525
EUT Z_2TX
Setting 17.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.739G	99.52	Inf	-Inf	6.31	3	V	350	1.27	-
PK	5.646G	59.56	68.20	-8.64	6.18	3	V	350	1.27	-
PK	5.739G	109.07	Inf	-Inf	6.31	3	V	350	1.27	-
PK	5.985G	59.86	68.20	-8.34	7.49	3	V	350	1.27	-

802.11a_(6Mbps)_2TX

5745MHz_TX

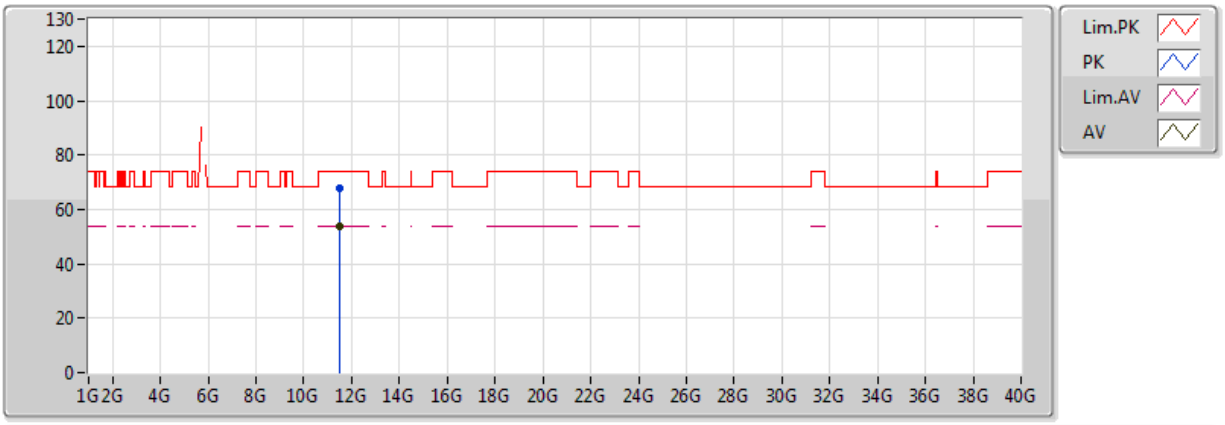


20170525
EUT Z_2TX
Setting 17.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.741G	90.52	Inf	-Inf	6.31	3	H	294	1.51	-
PK	5.614G	58.19	68.20	-10.01	6.14	3	H	294	1.51	-
PK	5.742G	99.49	Inf	-Inf	6.31	3	H	294	1.51	-
PK	5.974G	59.14	68.20	-9.06	7.43	3	H	294	1.51	-

802.11a_(6Mbps)_2TX

5745MHz_TX

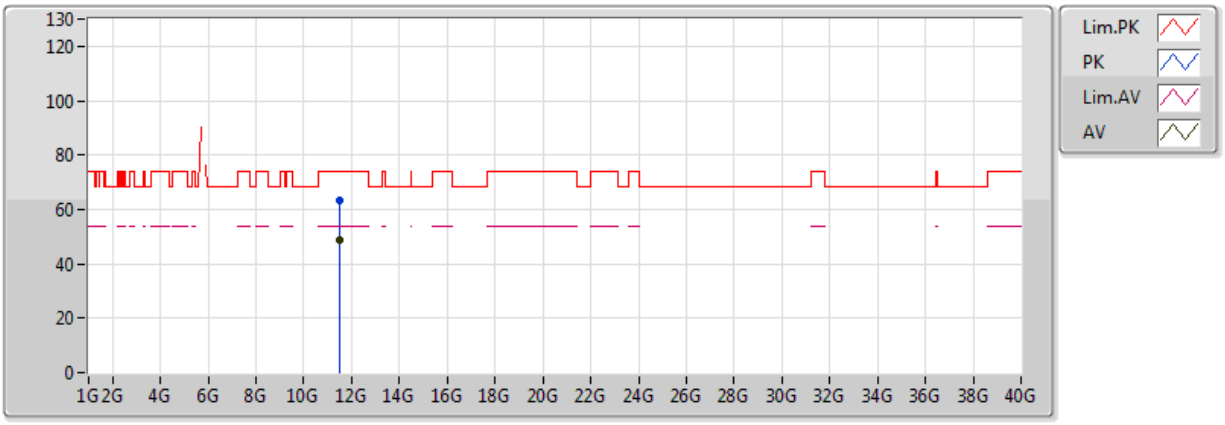


20170525
EUT Z_2TX
Setting 17.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49084G	53.69	54.00	-0.31	15.83	3	V	98	2.12	-
PK	11.49036G	67.68	74.00	-6.32	15.83	3	V	98	2.12	-

802.11a_(6Mbps)_2TX

5745MHz_TX

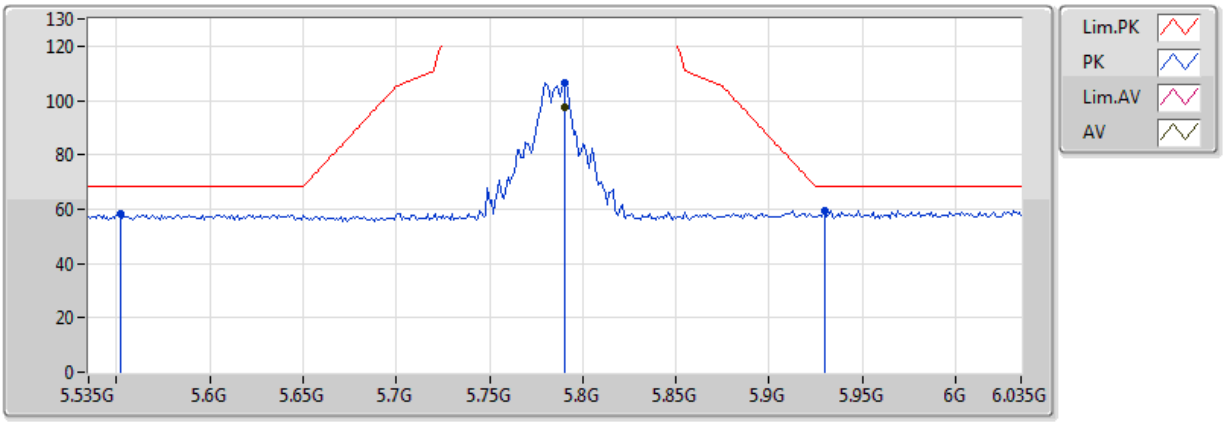


20170525
EUT Z_2TX
Setting 17.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.482G	48.88	54.00	-5.12	15.82	3	H	296	1.42	-
PK	11.48672G	63.53	74.00	-10.47	15.82	3	H	296	1.42	-

802.11a_(6Mbps)_2TX

5785MHz_TX

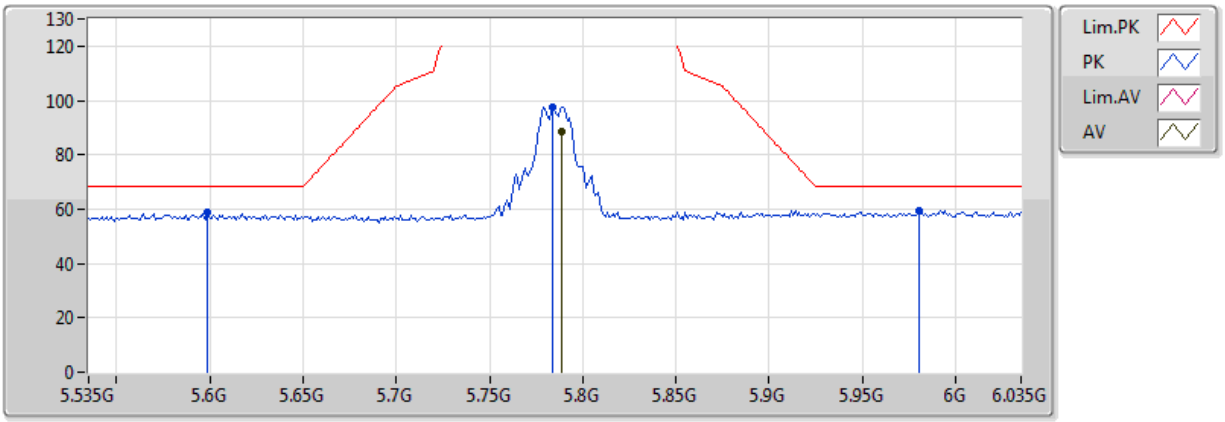


20170525
EUT Z_2TX
Setting 17
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.79G	97.31	Inf	-Inf	6.38	3	V	166	1.50	-
PK	5.552G	58.08	68.20	-10.12	5.85	3	V	166	1.50	-
PK	5.79G	106.31	Inf	-Inf	6.38	3	V	166	1.50	-
PK	5.93G	59.56	68.20	-8.64	7.17	3	V	166	1.50	-

802.11a_(6Mbps)_2TX

5785MHz_TX

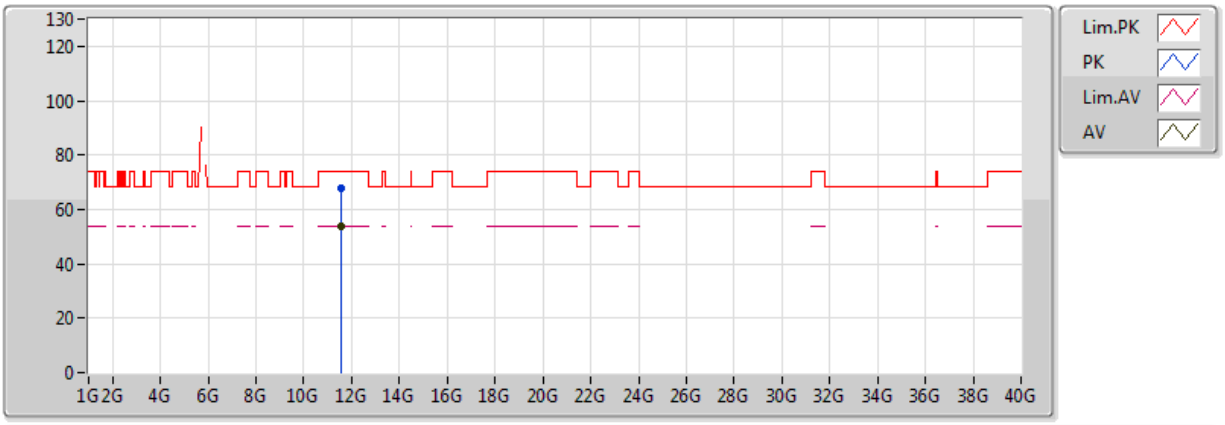


20170525
EUT Z_2TX
Setting 17
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.789G	88.36	Inf	-Inf	6.38	3	H	340	1.47	-
PK	5.599G	58.68	68.20	-9.52	6.11	3	H	340	1.47	-
PK	5.784G	97.42	Inf	-Inf	6.38	3	H	340	1.47	-
PK	5.98G	59.49	68.20	-8.71	7.46	3	H	340	1.47	-

802.11a_(6Mbps)_2TX

5785MHz_TX

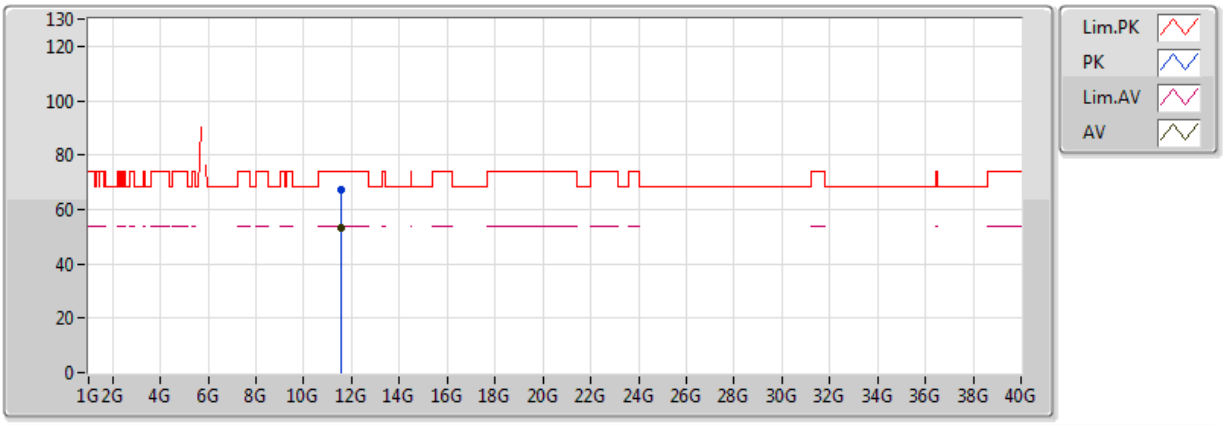


20170525
EUT Z_2TX
Setting 17
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57116G	53.77	54.00	-0.23	15.86	3	V	98	2.13	-
PK	11.5708G	67.75	74.00	-6.25	15.86	3	V	98	2.13	-

802.11a_(6Mbps)_2TX

5785MHz_TX

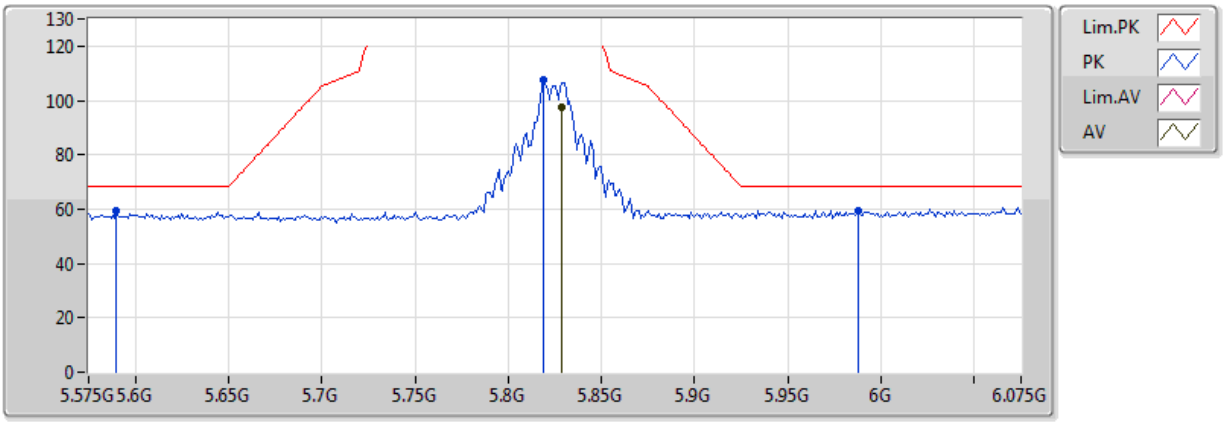


20170525
EUT Z_2TX
Setting 17
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57092G	53.27	54.00	-0.73	15.86	3	H	298	2.34	-
PK	11.57048G	67.42	74.00	-6.58	15.86	3	H	298	2.34	-

802.11a_(6Mbps)_2TX

5825MHz_TX

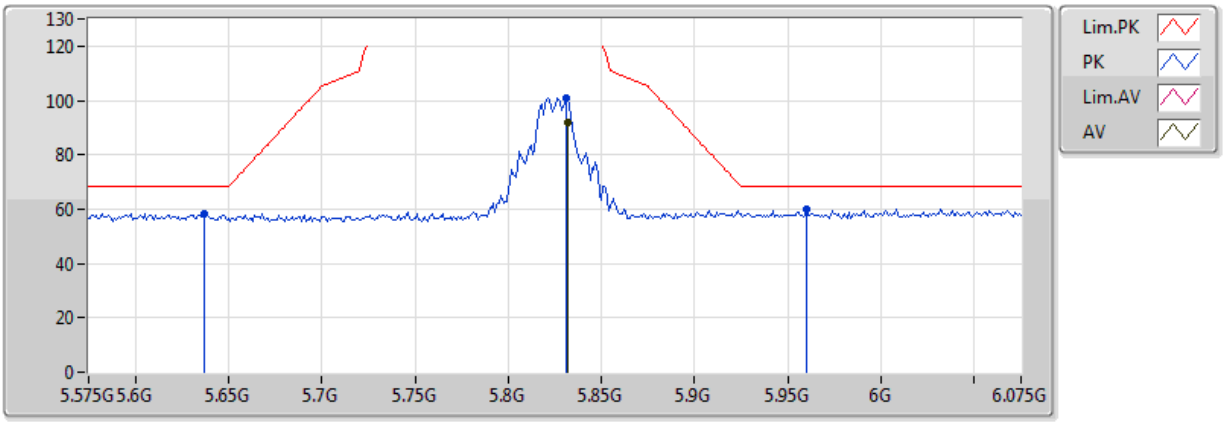


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.829G	97.51	Inf	-Inf	6.57	3	V	134	1.56	-
PK	5.59G	59.26	68.20	-8.94	6.06	3	V	134	1.56	-
PK	5.819G	107.40	Inf	-Inf	6.51	3	V	134	1.56	-
PK	5.988G	59.44	68.20	-8.76	7.51	3	V	134	1.56	-

802.11a_(6Mbps)_2TX

5825MHz_TX

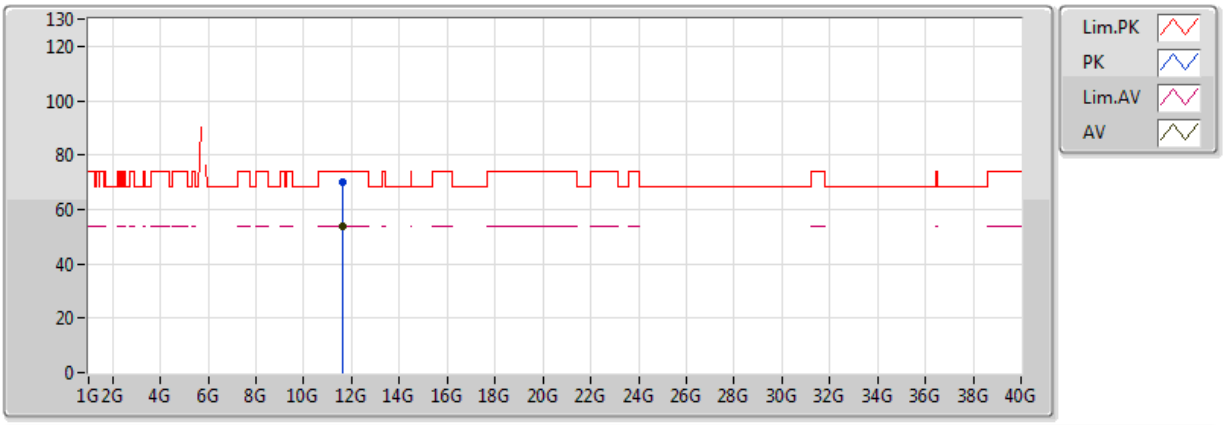


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.832G	91.79	Inf	-Inf	6.59	3	H	338	2.55	-
PK	5.637G	58.47	68.20	-9.73	6.17	3	H	338	2.55	-
PK	5.831G	101.04	Inf	-Inf	6.58	3	H	338	2.55	-
PK	5.96G	59.78	68.20	-8.42	7.34	3	H	338	2.55	-

802.11a_(6Mbps)_2TX

5825MHz_TX

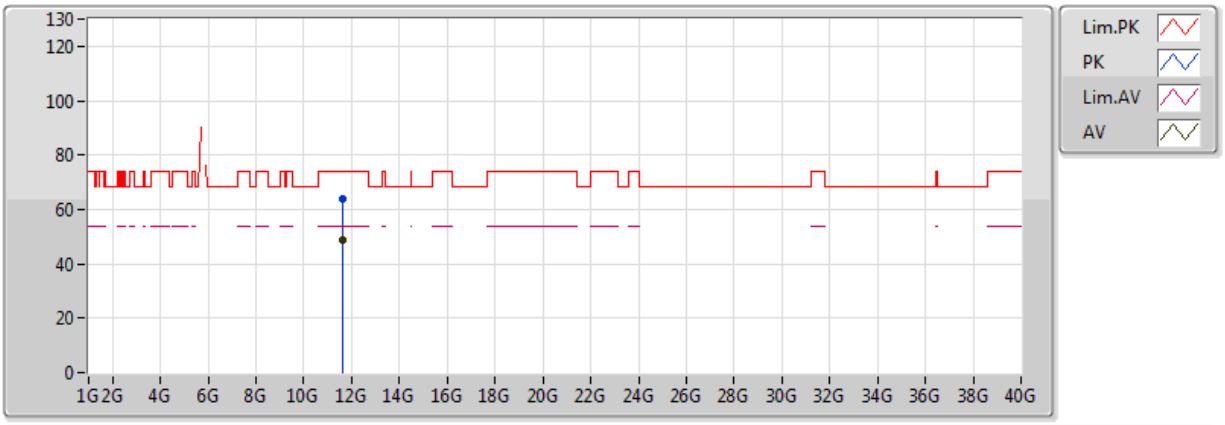


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65092G	53.76	54.00	-0.24	15.90	3	V	295	2.19	-
PK	11.6508G	70.00	74.00	-4.00	15.90	3	V	295	2.19	-

802.11a_(6Mbps)_2TX

5825MHz_TX

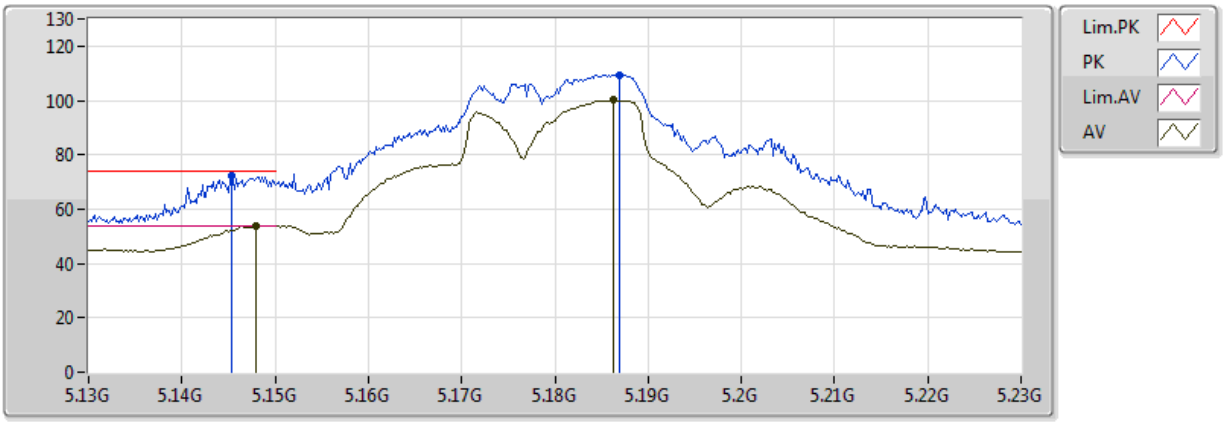


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65068G	48.88	54.00	-5.12	15.90	3	H	304	2.07	-
PK	11.65096G	63.67	74.00	-10.33	15.90	3	H	304	2.07	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

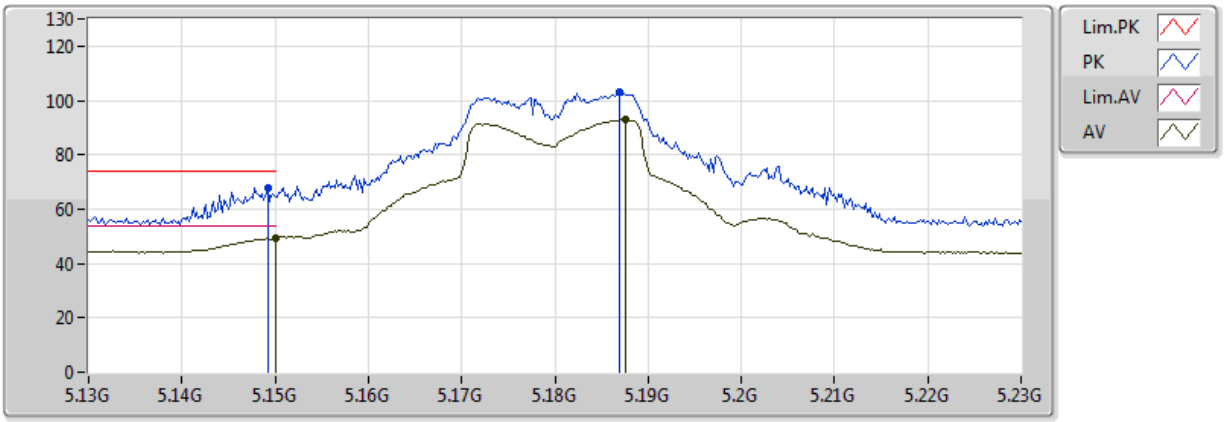


20170525
EUT Z_2TX
Setting 18.5
04-J-6-10
FSP(100142)

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	53.95	54.00	-0.05	4.64	3	V	169	1.77	-
AV	5.1862G	100.15	Inf	-Inf	4.78	3	V	169	1.77	-
PK	5.1454G	72.34	74.00	-1.66	4.63	3	V	169	1.77	-
PK	5.187G	109.54	Inf	-Inf	4.78	3	V	169	1.77	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

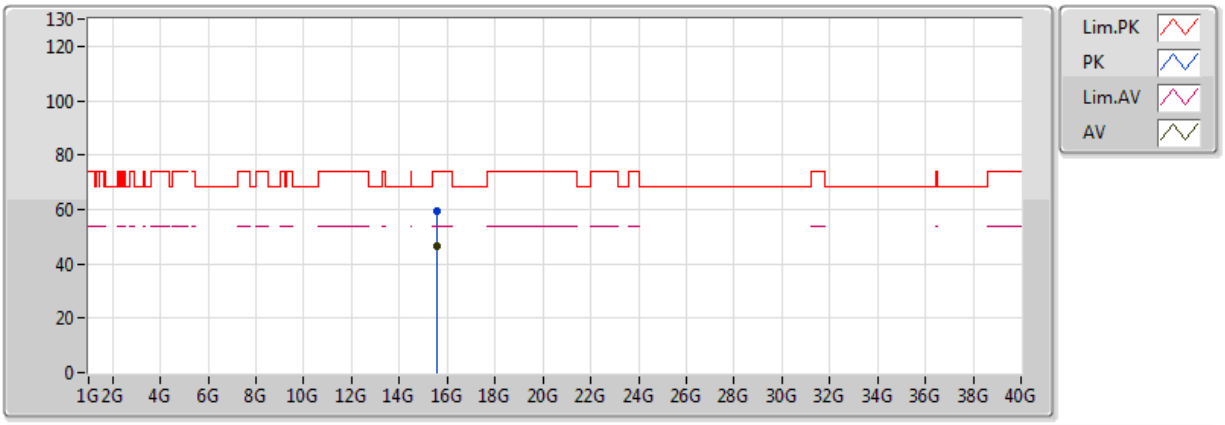


20170525
EUT Z_2TX
Setting 18.5
04-J-6-10
FSP(100142)

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	49.42	54.00	-4.58	4.64	3	H	295	1.48	-
AV	5.1876G	93.05	Inf	-Inf	4.78	3	H	295	1.48	-
PK	5.1492G	67.94	74.00	-6.06	4.64	3	H	295	1.48	-
PK	5.187G	102.87	Inf	-Inf	4.78	3	H	295	1.48	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

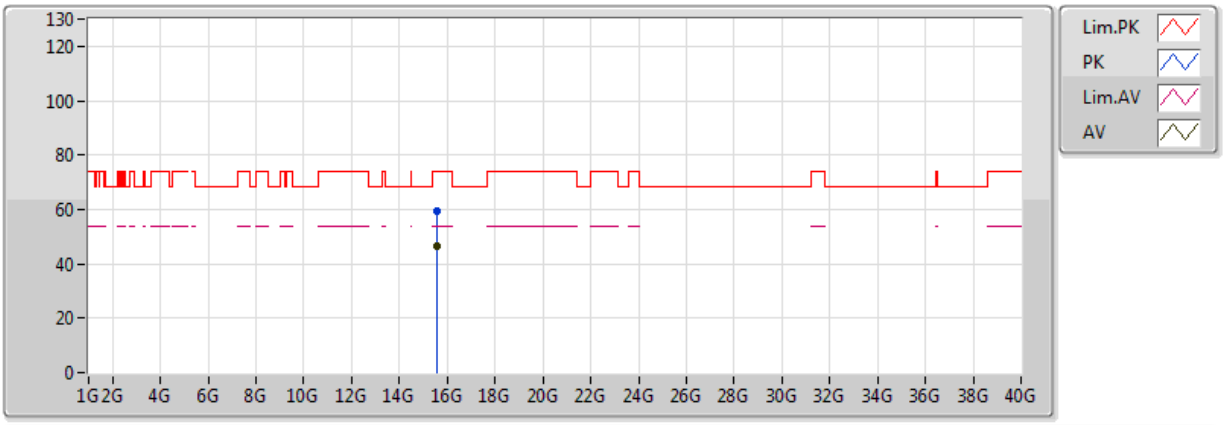


20170525
EUT Z_2TX
Setting 18.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54256G	46.41	54.00	-7.59	17.23	3	V	66	1.57	-
PK	15.546G	59.43	74.00	-14.57	17.23	3	V	66	1.57	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

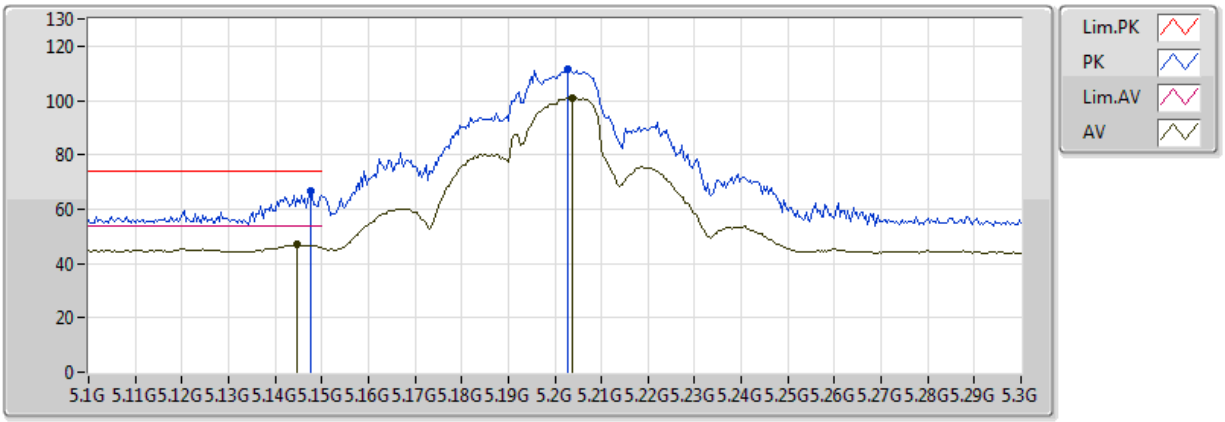


20170525
EUT Z_2TX
Setting 18.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53964G	46.31	54.00	-7.69	17.23	3	H	329	1.29	-
PK	15.54652G	59.26	74.00	-14.74	17.23	3	H	329	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

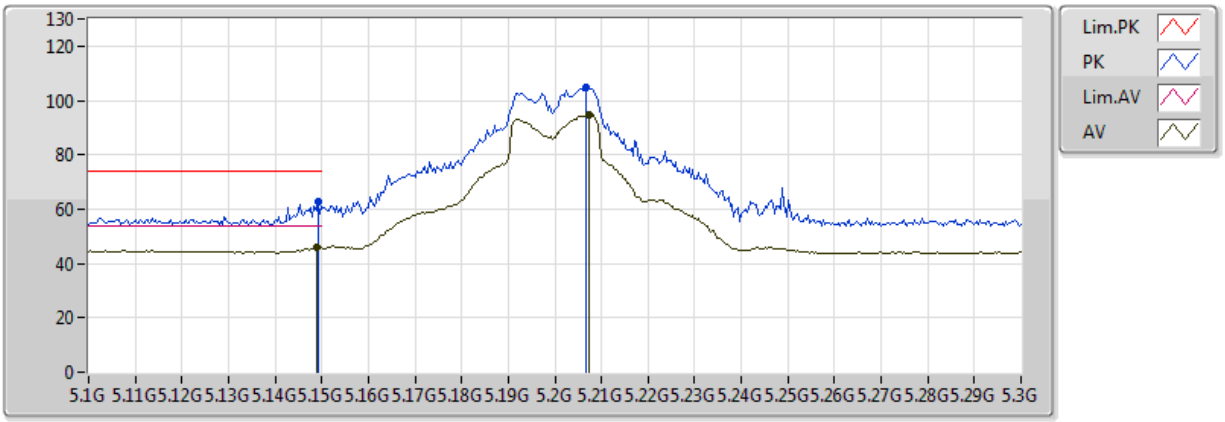


20170525
EUT Z_2TX
Setting 22.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1448G	47.03	54.00	-6.97	4.63	3	V	167	1.59	-
AV	5.2036G	101.09	Inf	-Inf	4.84	3	V	167	1.59	-
PK	5.1476G	66.81	74.00	-7.19	4.64	3	V	167	1.59	-
PK	5.2028G	111.32	Inf	-Inf	4.83	3	V	167	1.59	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

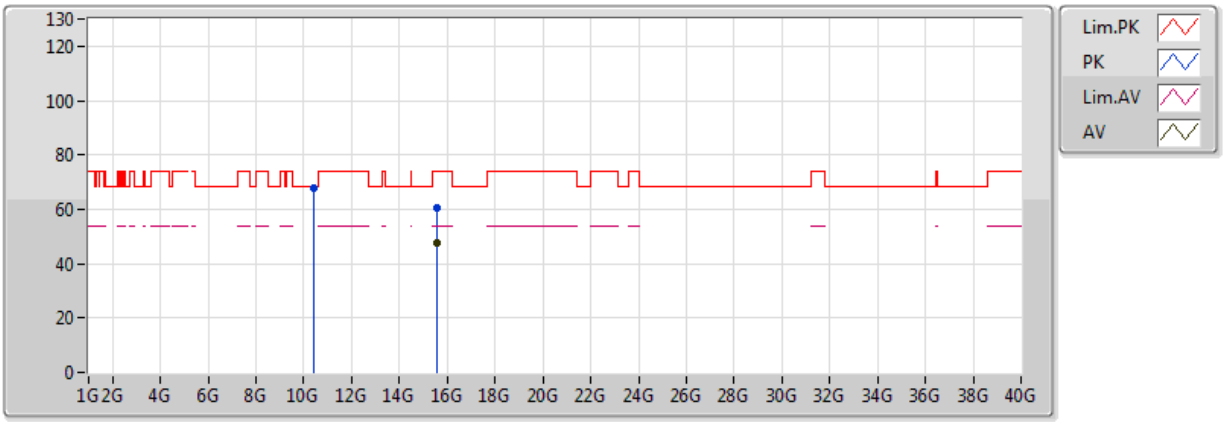


20170525
EUT Z_2TX
Setting 22.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1488G	45.88	54.00	-8.12	4.64	3	H	295	1.69	-
AV	5.2072G	94.96	Inf	-Inf	4.84	3	H	295	1.69	-
PK	5.1492G	62.76	74.00	-11.24	4.64	3	H	295	1.69	-
PK	5.2068G	104.81	Inf	-Inf	4.84	3	H	295	1.69	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

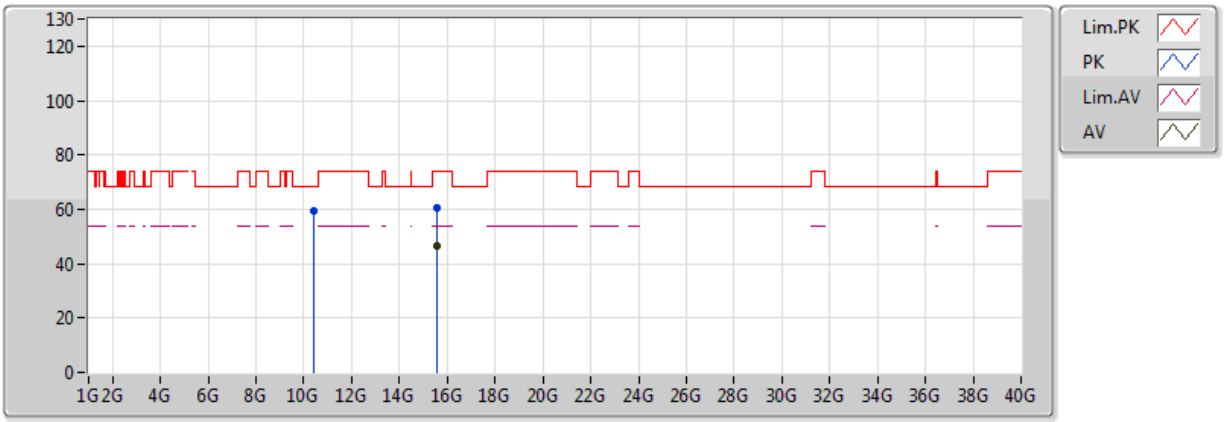


20170525
EUT Z_2TX
Setting 22.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59952G	47.35	54.00	-6.65	17.19	3	V	47	1.29	-
PK	10.40784G	67.63	68.20	-0.57	14.58	3	V	91	2.56	-
PK	15.6004G	60.59	74.00	-13.41	17.19	3	V	47	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

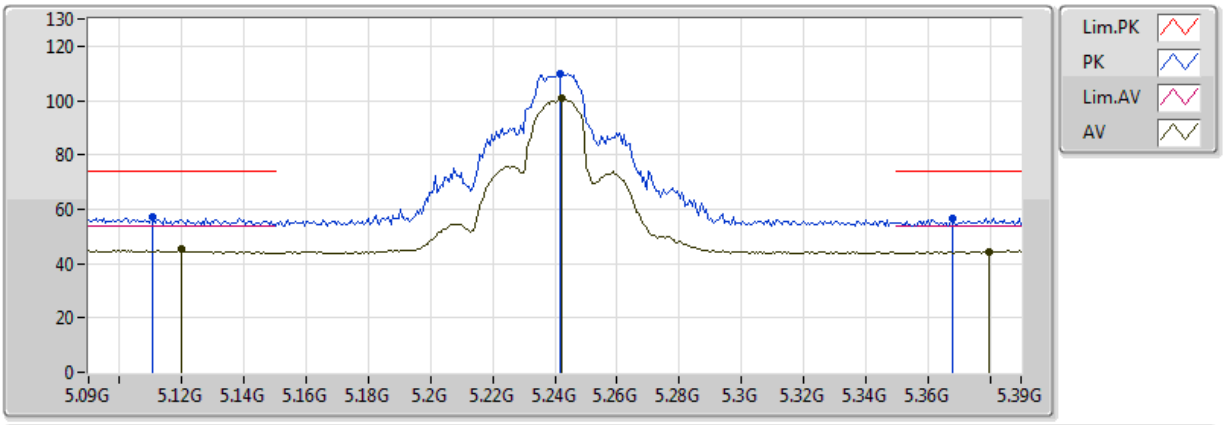


20170525
EUT Z_2TX
Setting 22.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60076G	46.49	54.00	-7.51	17.19	3	H	55	2.31	-
PK	10.39676G	59.12	68.20	-9.08	14.56	3	H	176	2.20	-
PK	15.6004G	60.63	74.00	-13.37	17.19	3	H	55	2.31	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

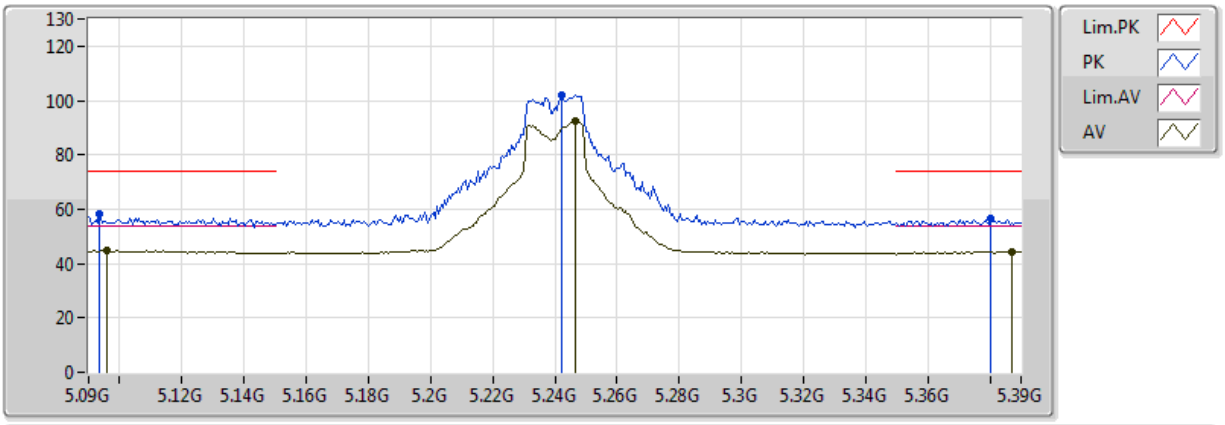


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

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	45.15	54.00	-8.85	4.53	3	V	165	1.65	-
AV	5.2424G	100.71	Inf	-Inf	4.89	3	V	165	1.65	-
AV	5.3798G	44.41	54.00	-9.59	5.06	3	V	168	1.56	-
PK	5.1104G	57.17	74.00	-16.83	4.50	3	V	165	1.65	-
PK	5.2418G	110.04	Inf	-Inf	4.89	3	V	165	1.65	-
PK	5.3678G	56.41	74.00	-17.59	5.04	3	V	165	1.65	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

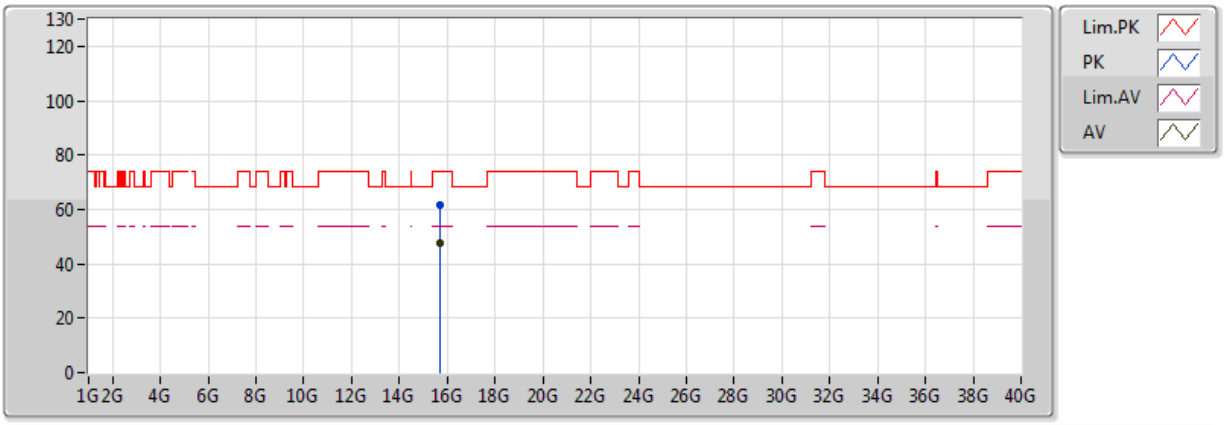


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.096G	44.91	54.00	-9.09	4.44	3	H	296	1.49	-
AV	5.2466G	92.28	Inf	-Inf	4.90	3	H	296	1.49	-
AV	5.387G	44.32	54.00	-9.68	5.07	3	H	296	1.49	-
PK	5.0936G	58.10	74.00	-15.90	4.43	3	H	296	1.49	-
PK	5.2424G	102.00	Inf	-Inf	4.89	3	H	296	1.49	-
PK	5.3804G	56.35	74.00	-17.65	5.06	3	H	296	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

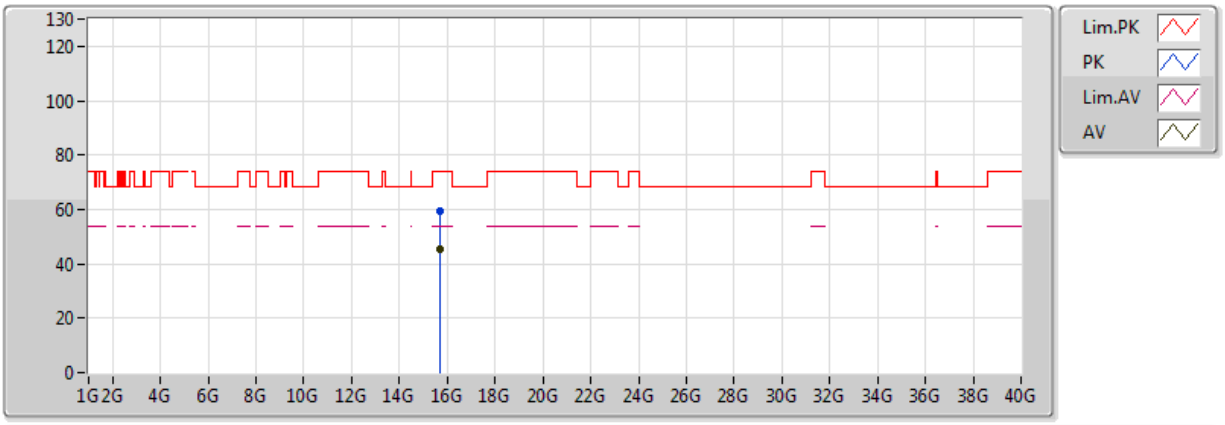


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71688G	47.67	54.00	-6.33	17.09	3	V	7	1.52	-
PK	15.71212G	61.51	74.00	-12.49	17.10	3	V	7	1.52	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

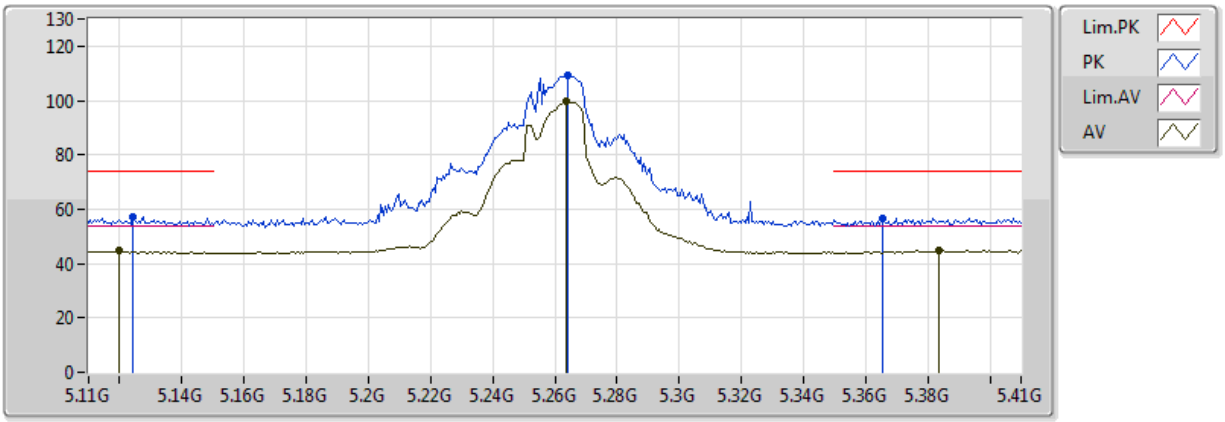


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72064G	45.56	54.00	-8.44	17.09	3	H	269	2.29	-
PK	15.71368G	59.19	74.00	-14.81	17.10	3	H	269	2.29	-

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

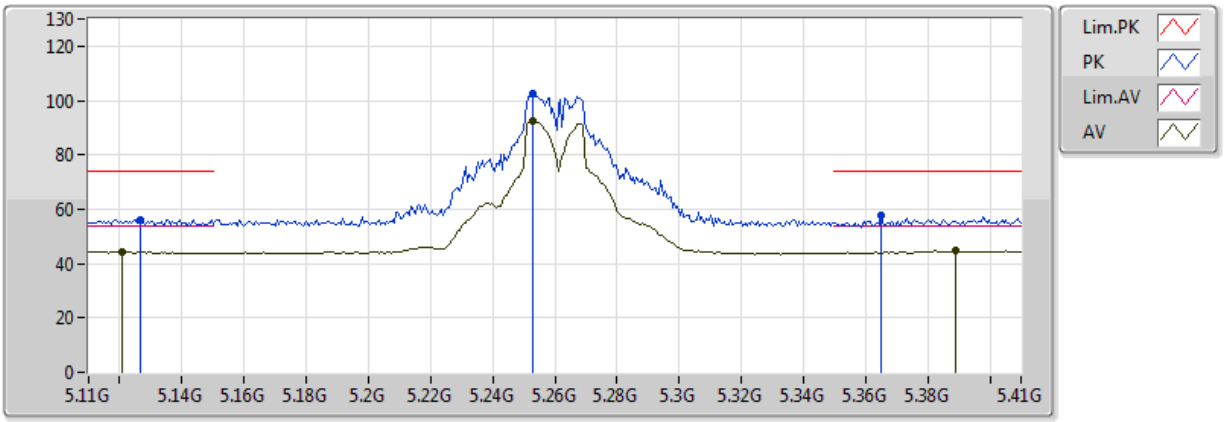


20170525
EUT Z_2TX
Setting 20
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1196G	44.71	54.00	-9.29	4.53	3	V	168	1.56	-
AV	5.2636G	99.47	Inf	-Inf	4.92	3	V	168	1.56	-
AV	5.3836G	44.78	54.00	-9.22	5.06	3	V	168	1.56	-
PK	5.1244G	57.09	74.00	-16.91	4.55	3	V	168	1.56	-
PK	5.2642G	109.02	Inf	-Inf	4.92	3	V	168	1.56	-
PK	5.3656G	56.79	74.00	-17.21	5.04	3	V	168	1.56	-

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

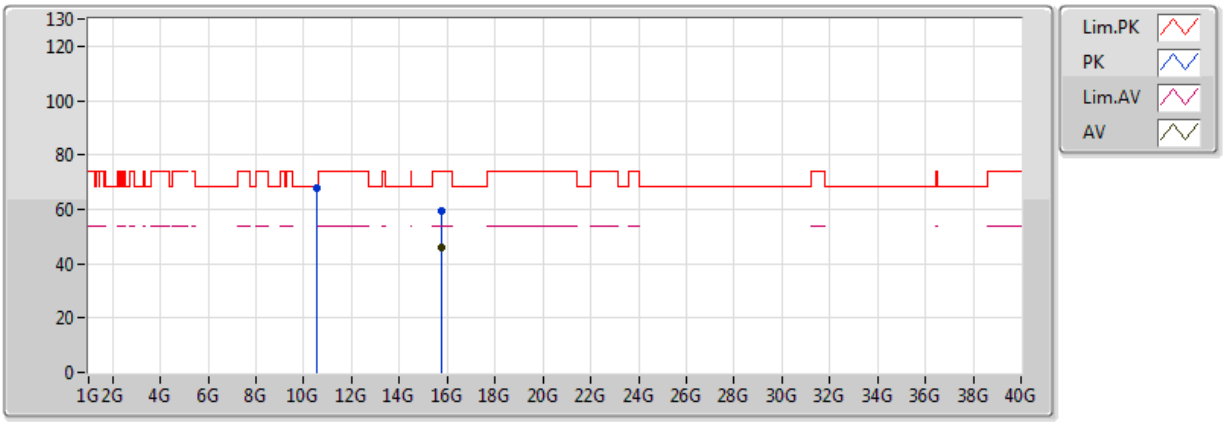


20170525
EUT Z_2TX
Setting 20
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1208G	44.51	54.00	-9.49	4.54	3	H	293	1.68	-
AV	5.2528G	92.45	Inf	-Inf	4.90	3	H	293	1.68	-
AV	5.389G	44.62	54.00	-9.38	5.07	3	H	293	1.68	-
PK	5.1268G	56.11	74.00	-17.89	4.56	3	H	293	1.68	-
PK	5.2528G	102.38	Inf	-Inf	4.90	3	H	293	1.68	-
PK	5.365G	57.53	74.00	-16.47	5.04	3	H	293	1.68	-

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

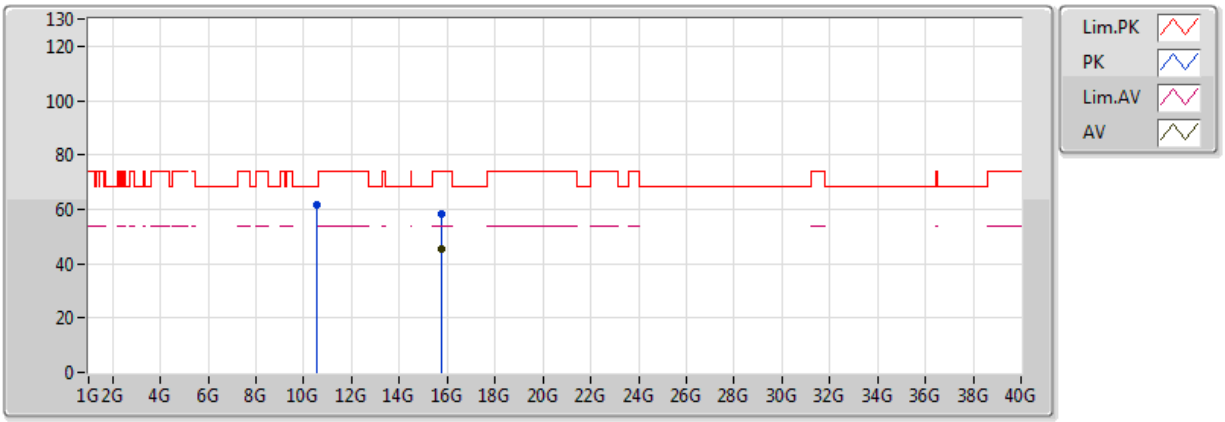


20170525
EUT Z_2TX
Setting 20
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7826G	45.94	54.00	-8.06	17.04	3	V	85	1.80	-
PK	10.52392G	67.97	68.20	-0.23	14.78	3	V	39	2.42	-
PK	15.77716G	59.28	74.00	-14.72	17.05	3	V	85	1.80	-

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

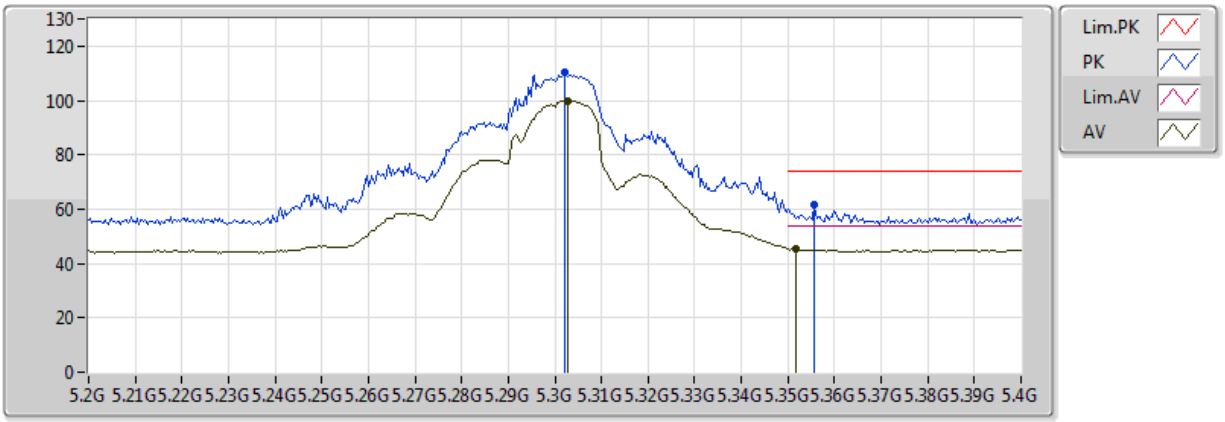


20170525
EUT Z_2TX
Setting 20
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.78312G	45.27	54.00	-8.73	17.04	3	H	53	1.93	-
PK	10.52088G	61.47	68.20	-6.73	14.78	3	H	33	2.44	-
PK	15.77008G	58.53	74.00	-15.47	17.05	3	H	53	1.93	-

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

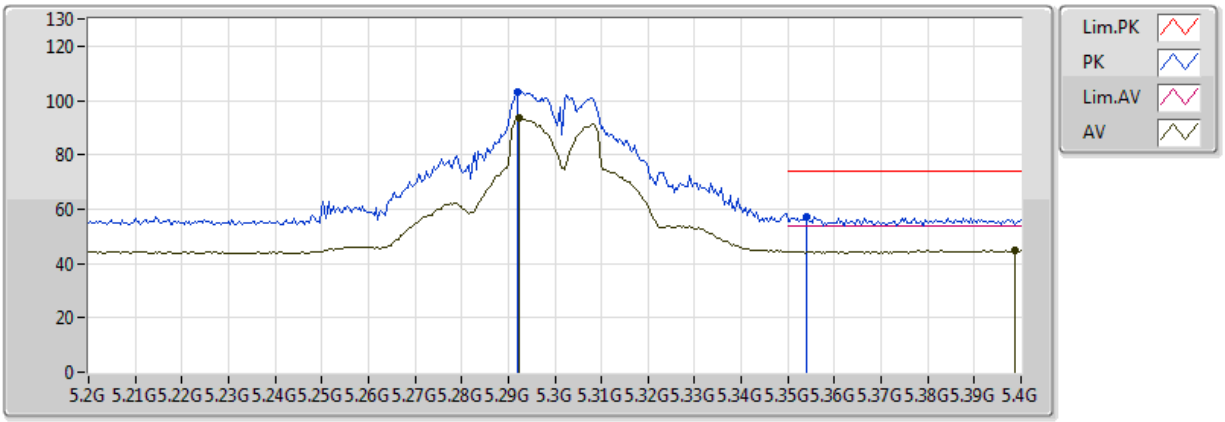


20170525
EUT Z_2TX
Setting 20
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3028G	99.98	Inf	-Inf	4.97	3	V	167	1.70	-
AV	5.3516G	45.59	54.00	-8.41	5.03	3	V	167	1.70	-
PK	5.302G	110.22	Inf	-Inf	4.97	3	V	167	1.70	-
PK	5.3556G	61.44	74.00	-12.56	5.03	3	V	167	1.70	-

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

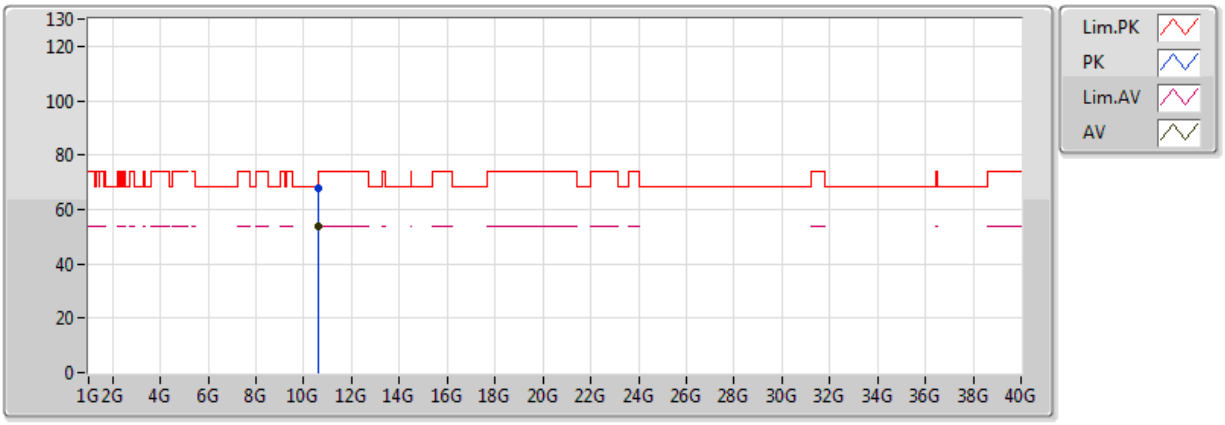


20170525
EUT Z_2TX
Setting 20
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2924G	93.30	Inf	-Inf	4.96	3	H	293	1.65	-
AV	5.3988G	44.78	54.00	-9.22	5.08	3	H	293	1.65	-
PK	5.292G	103.04	Inf	-Inf	4.96	3	H	293	1.65	-
PK	5.354G	57.40	74.00	-16.60	5.03	3	H	293	1.65	-

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

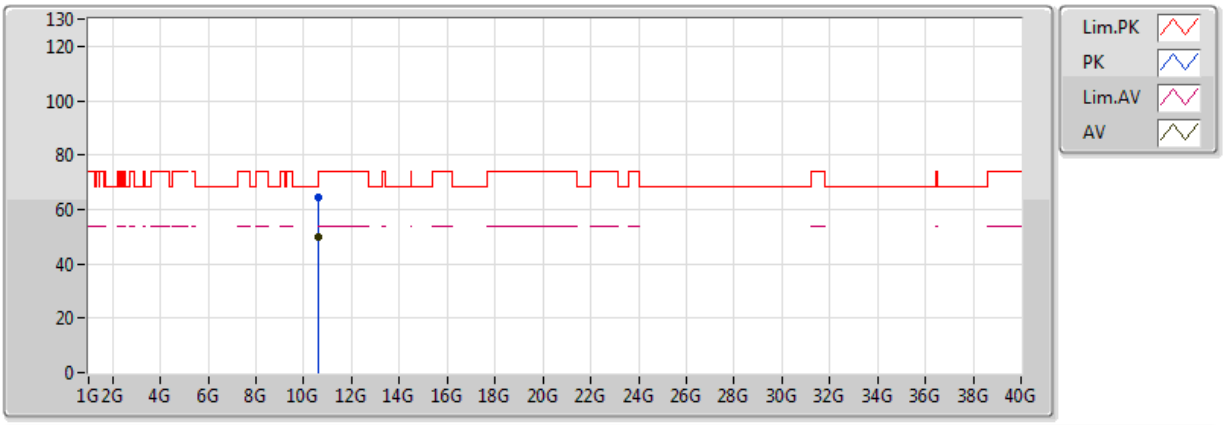


20170525
EUT Z_2TX
Setting 20
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.60088G	53.67	54.00	-0.33	14.91	3	V	34	2.36	-
PK	10.60148G	68.01	74.00	-5.99	14.91	3	V	34	2.36	-

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

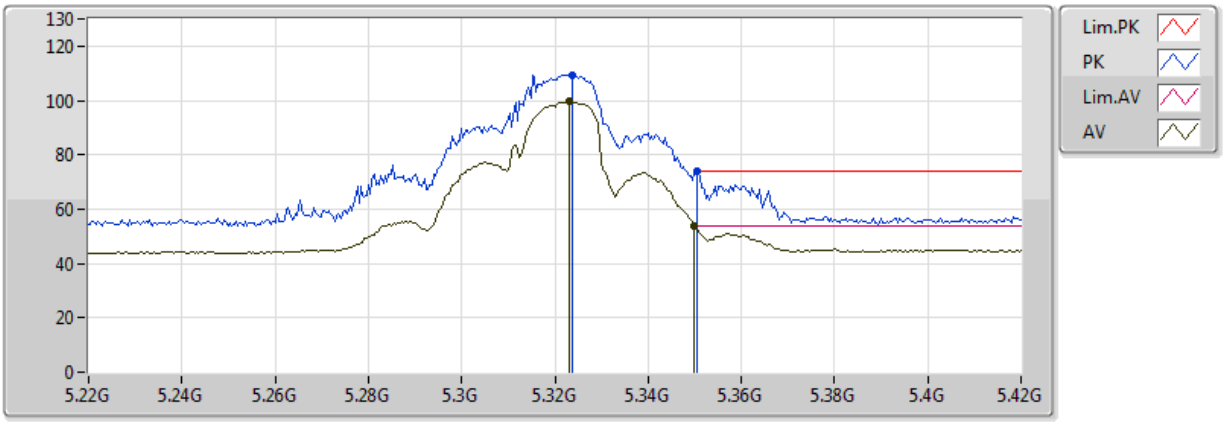


20170525
EUT Z_2TX
Setting 20
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.60012G	49.70	54.00	-4.30	14.91	3	H	12	2.58	-
PK	10.60036G	64.16	74.00	-9.84	14.91	3	H	12	2.58	-

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

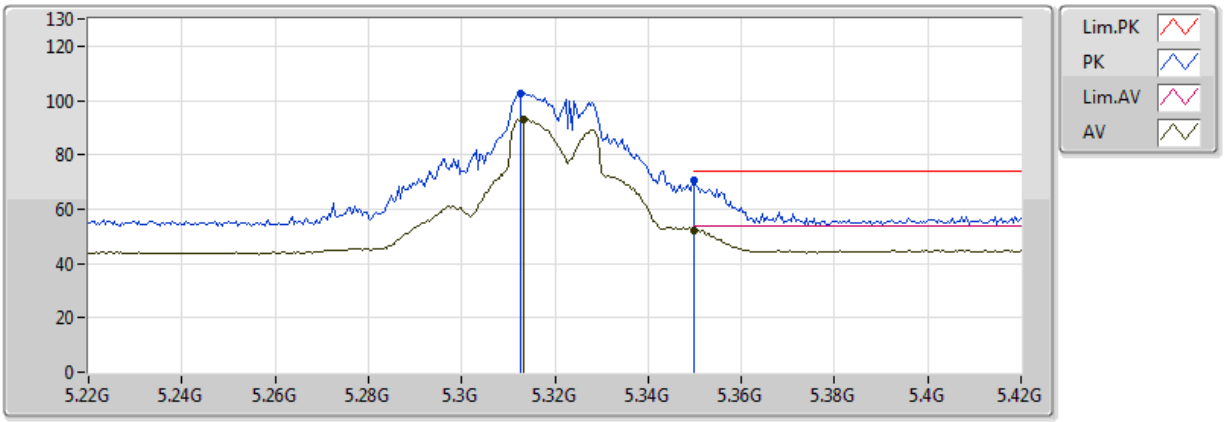


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3232G	99.68	Inf	-Inf	5.00	3	V	351	1.50	-
AV	5.350005G	53.88	54.00	-0.12	5.03	3	V	351	1.50	-
PK	5.3236G	109.44	Inf	-Inf	5.00	3	V	351	1.50	-
PK	5.3504G	73.85	74.00	-0.15	5.03	3	V	351	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

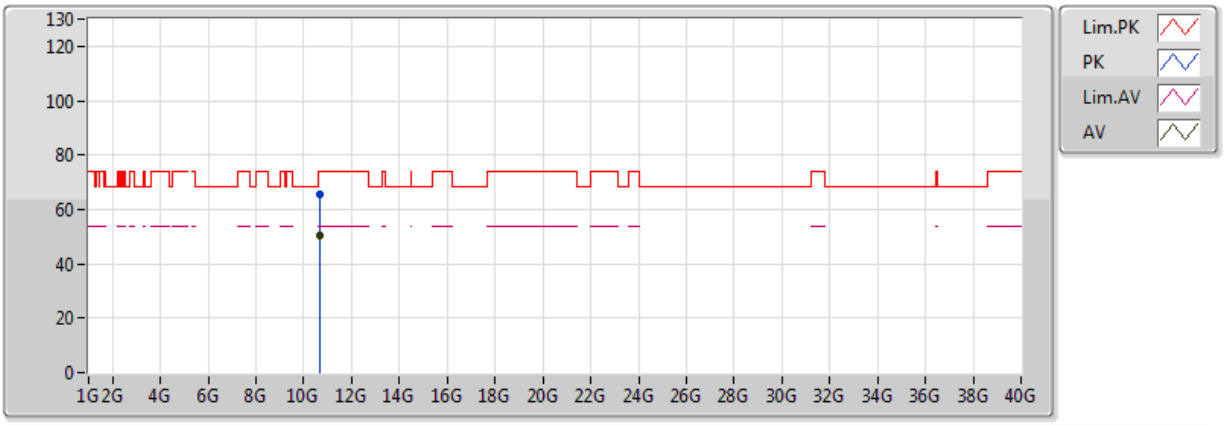


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3132G	93.25	Inf	-Inf	4.98	3	H	292	1.70	-
AV	5.350005G	52.39	54.00	-1.61	5.03	3	H	292	1.70	-
PK	5.3128G	102.74	Inf	-Inf	4.98	3	H	292	1.70	-
PK	5.350005G	70.69	74.00	-3.31	5.03	3	H	292	1.70	-

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

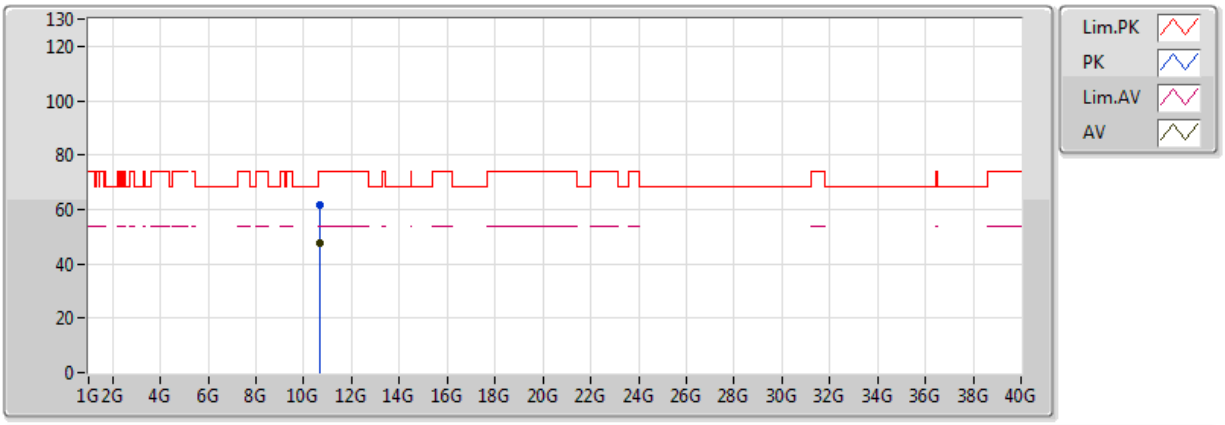


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.64152G	50.39	54.00	-3.61	14.98	3	V	8	1.48	-
PK	10.64284G	65.54	74.00	-8.46	14.99	3	V	8	1.48	-

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

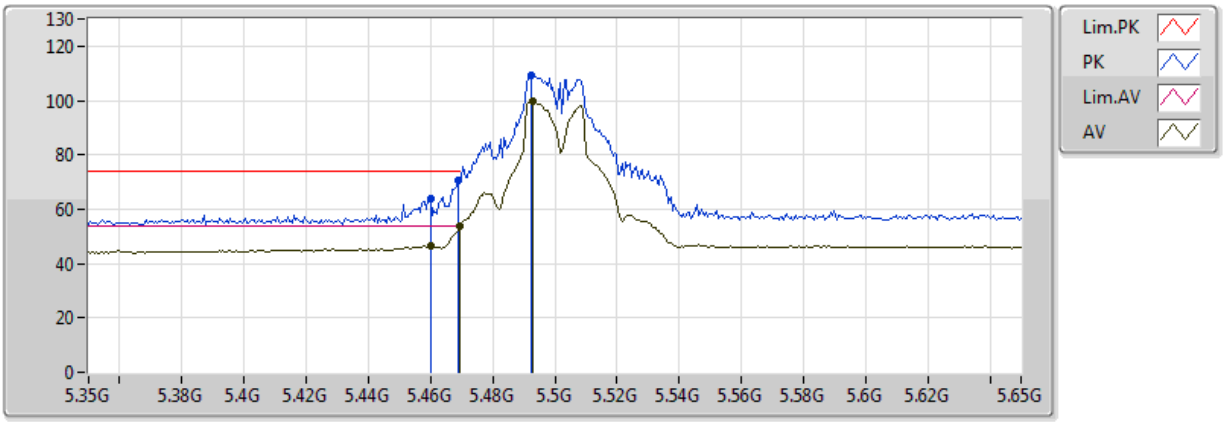


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.64016G	47.88	54.00	-6.12	14.98	3	H	333	1.75	-
PK	10.6418G	61.64	74.00	-12.36	14.98	3	H	333	1.75	-

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

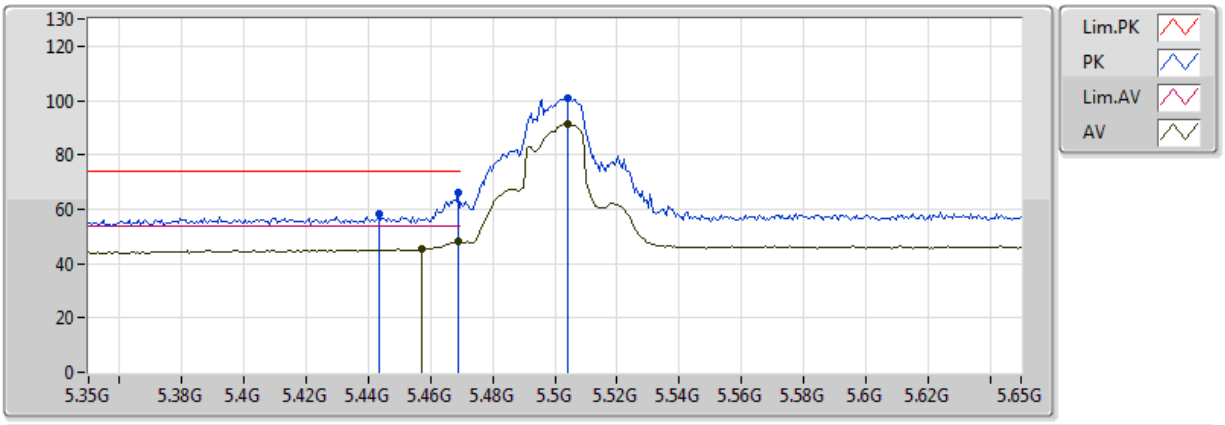


20170525
EUT Z_2TX
Setting 15
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459995G	46.37	54.00	-7.63	5.37	3	V	351	1.50	-
AV	5.4694G	53.77	54.00	-0.23	5.41	3	V	351	1.50	-
AV	5.4928G	99.66	Inf	-Inf	5.53	3	V	351	1.50	-
PK	5.459995G	63.97	74.00	-10.03	5.37	3	V	351	1.50	-
PK	5.4688G	70.79	74.00	-3.21	5.41	3	V	351	1.50	-
PK	5.4922G	109.03	Inf	-Inf	5.52	3	V	351	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

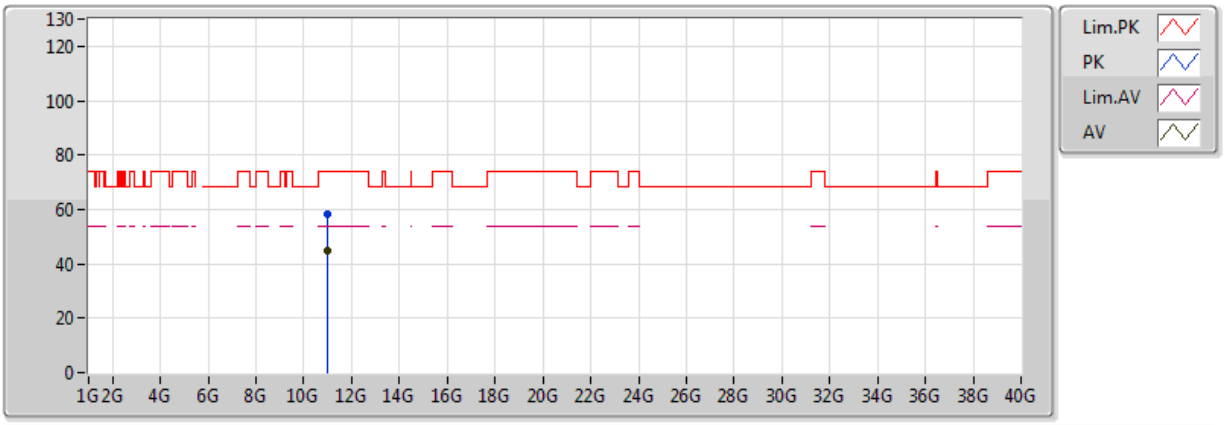


20170525
EUT Z_2TX
Setting 15
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4574G	45.41	54.00	-8.59	5.36	3	H	292	1.53	-
AV	5.4688G	48.03	54.00	-5.97	5.41	3	H	292	1.53	-
AV	5.5042G	91.33	Inf	-Inf	5.58	3	H	292	1.53	-
PK	5.4436G	58.12	74.00	-15.88	5.29	3	H	292	1.53	-
PK	5.4688G	66.18	74.00	-7.82	5.41	3	H	292	1.53	-
PK	5.5042G	100.77	Inf	-Inf	5.58	3	H	292	1.53	-

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

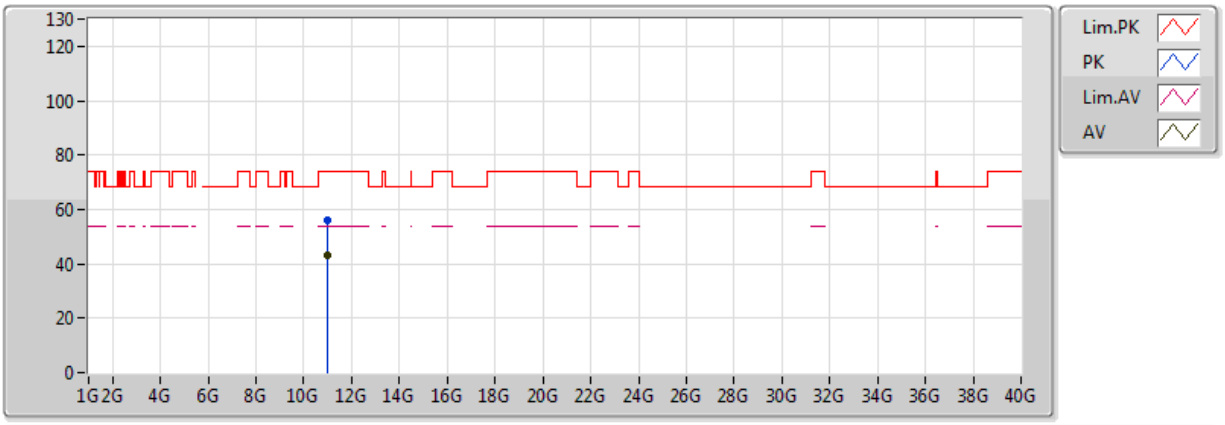


20170525
EUT Z_2TX
Setting 15
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.00548G	44.72	54.00	-9.28	15.60	3	V	202	1.29	-
PK	11.003G	58.01	74.00	-15.99	15.60	3	V	202	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

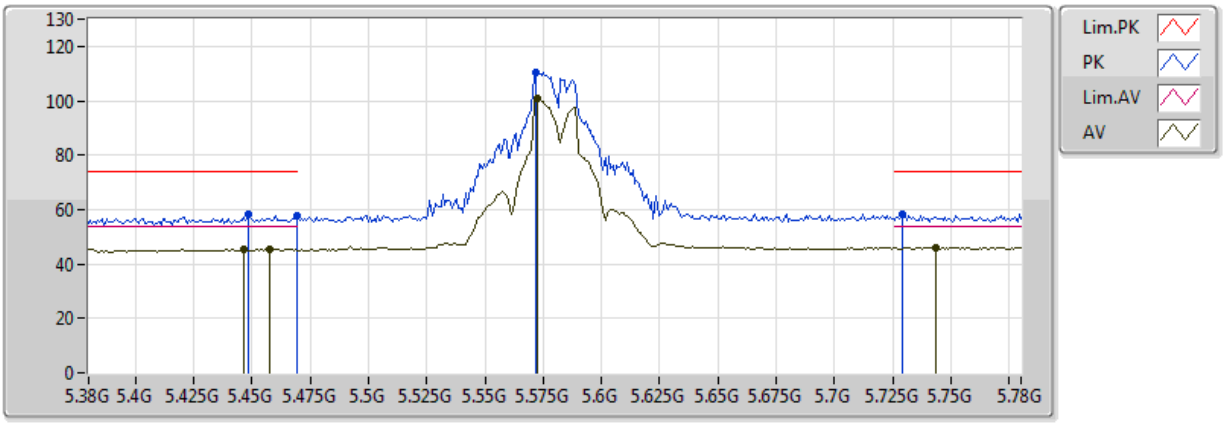


20170525
EUT Z_2TX
Setting 15
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.00924G	43.27	54.00	-10.73	15.60	3	H	344	1.01	-
PK	11.00272G	56.15	74.00	-17.85	15.60	3	H	344	1.01	-

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

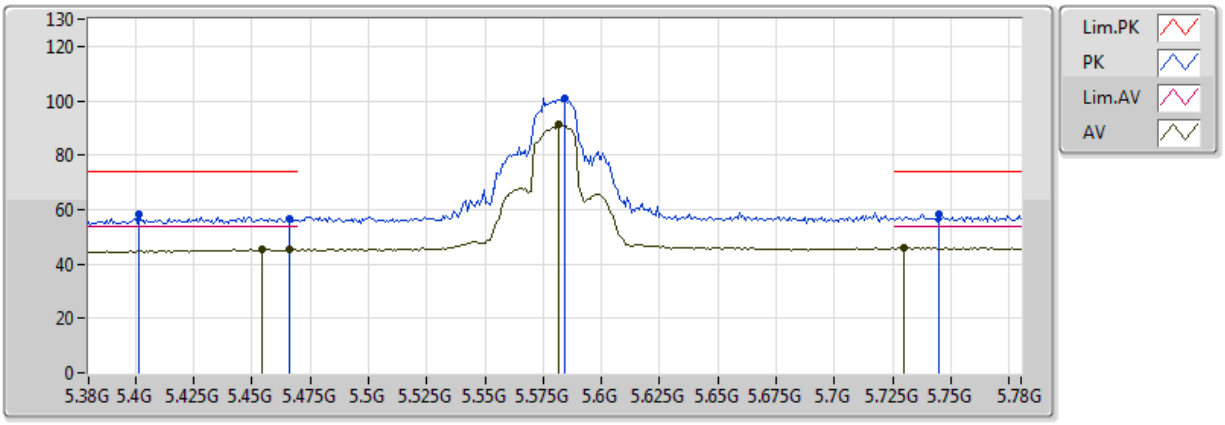


20170525
EUT Z_2TX
Setting 18
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4464G	45.31	54.00	-8.69	5.30	3	V	166	2.23	-
AV	5.4576G	45.47	54.00	-8.53	5.36	3	V	166	2.23	-
AV	5.5728G	100.64	Inf	-Inf	5.97	3	V	166	2.23	-
AV	5.7432G	46.15	54.00	-7.85	6.31	3	V	166	2.23	-
PK	5.4488G	58.02	74.00	-15.98	5.31	3	V	166	2.23	-
PK	5.4696G	57.85	74.00	-16.15	5.41	3	V	166	2.23	-
PK	5.572G	110.23	Inf	-Inf	5.96	3	V	166	2.23	-
PK	5.7288G	58.36	74.00	-15.64	6.29	3	V	166	2.23	-

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

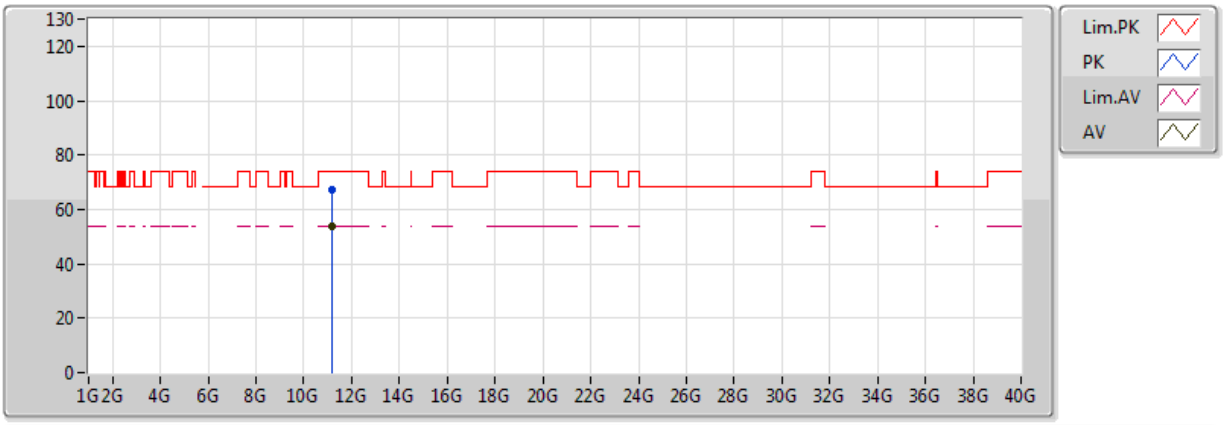


20170525
EUT Z_2TX
Setting 18
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4544G	45.37	54.00	-8.63	5.34	3	H	295	1.55	-
AV	5.4664G	45.24	54.00	-8.76	5.40	3	H	295	1.55	-
AV	5.5816G	91.11	Inf	-Inf	6.02	3	H	295	1.55	-
AV	5.7296G	46.01	54.00	-7.99	6.29	3	H	295	1.55	-
PK	5.4016G	58.34	74.00	-15.66	5.09	3	H	295	1.55	-
PK	5.4664G	56.71	74.00	-17.29	5.40	3	H	295	1.55	-
PK	5.584G	101.05	Inf	-Inf	6.03	3	H	295	1.55	-
PK	5.7448G	58.42	74.00	-15.58	6.32	3	H	295	1.55	-

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

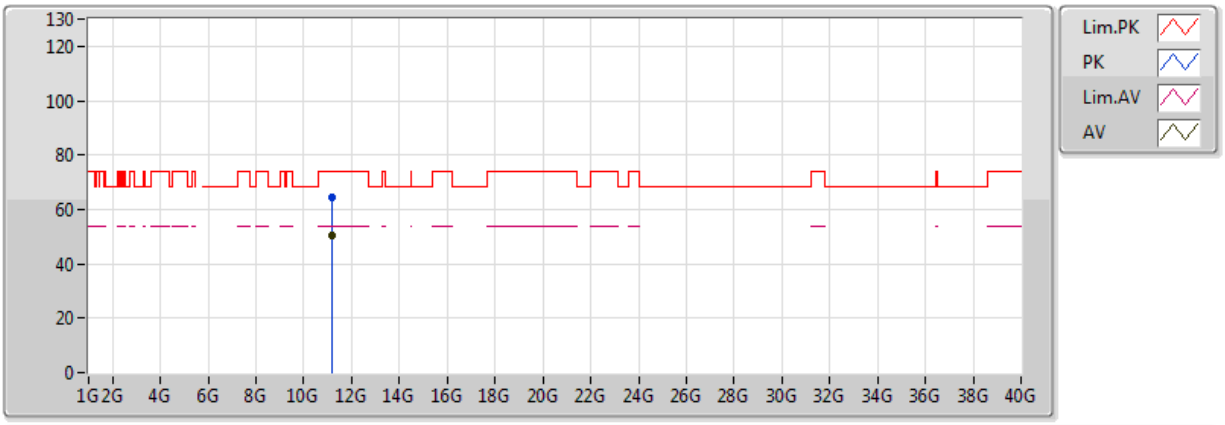


20170525
EUT Z_2TX
Setting 18
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16124G	53.67	54.00	-0.33	15.67	3	V	7	2.24	-
PK	11.16164G	67.50	74.00	-6.50	15.67	3	V	7	2.24	-

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

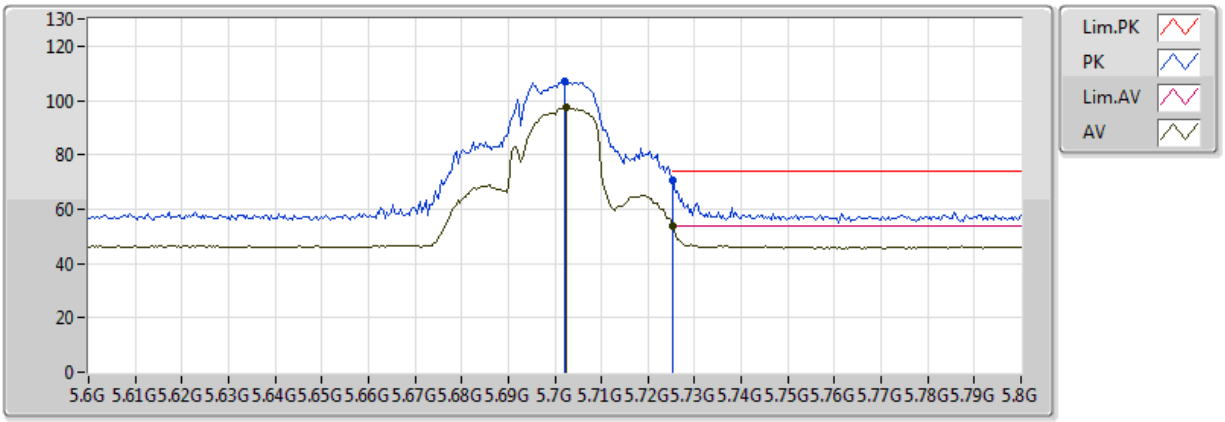


20170525
EUT Z_2TX
Setting 18
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16156G	50.33	54.00	-3.67	15.67	3	H	306	2.24	-
PK	11.1626G	64.20	74.00	-9.80	15.67	3	H	306	2.24	-

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

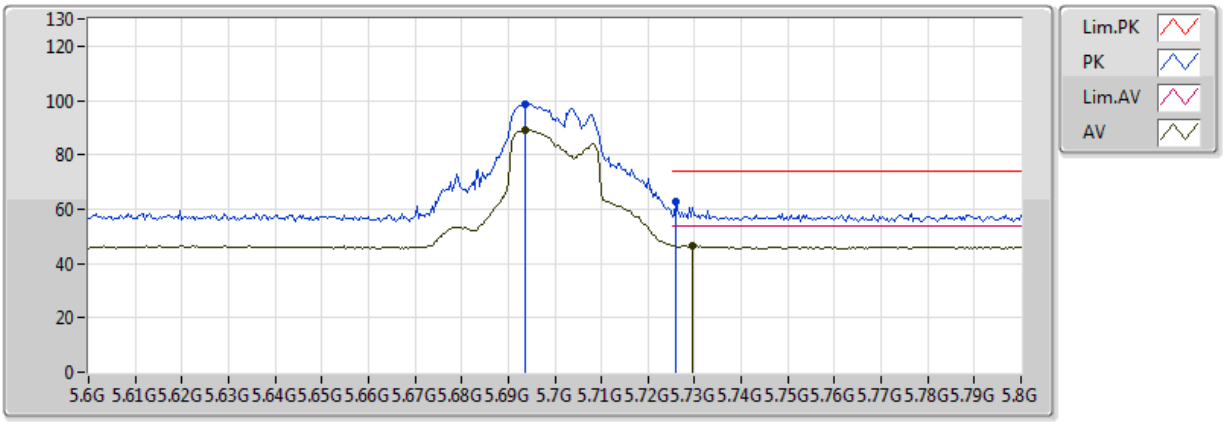


20170525
EUT Z_2TX
Setting 13.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7024G	97.62	Inf	-Inf	6.25	3	V	167	1.49	-
AV	5.7252G	53.68	54.00	-0.32	6.29	3	V	167	1.49	-
PK	5.702G	106.93	Inf	-Inf	6.25	3	V	167	1.49	-
PK	5.7252G	70.77	74.00	-3.23	6.29	3	V	167	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

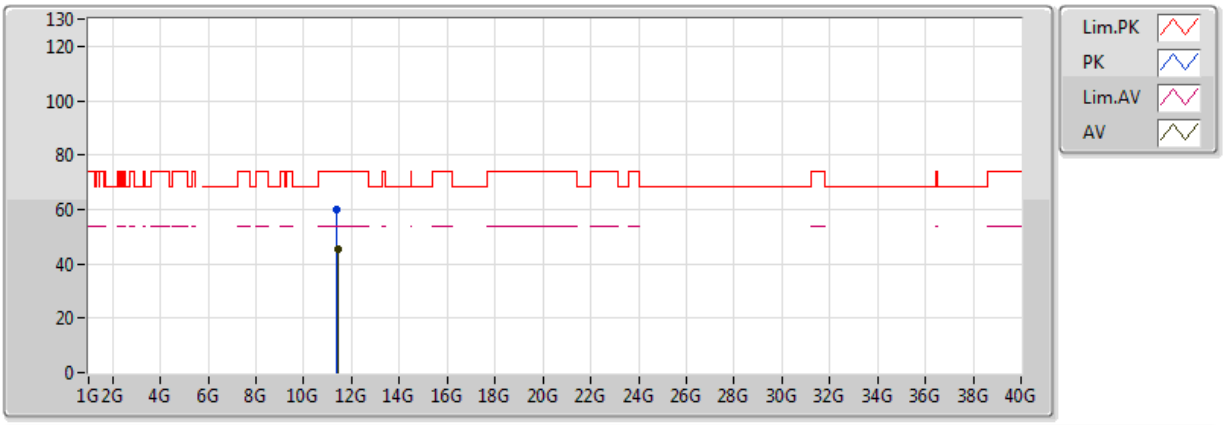


20170525
EUT Z_2TX
Setting 13.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6936G	89.20	Inf	-Inf	6.24	3	H	295	1.44	-
AV	5.7296G	46.44	54.00	-7.56	6.29	3	H	295	1.44	-
PK	5.6936G	98.51	Inf	-Inf	6.24	3	H	295	1.44	-
PK	5.726G	62.59	74.00	-11.41	6.29	3	H	295	1.44	-

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

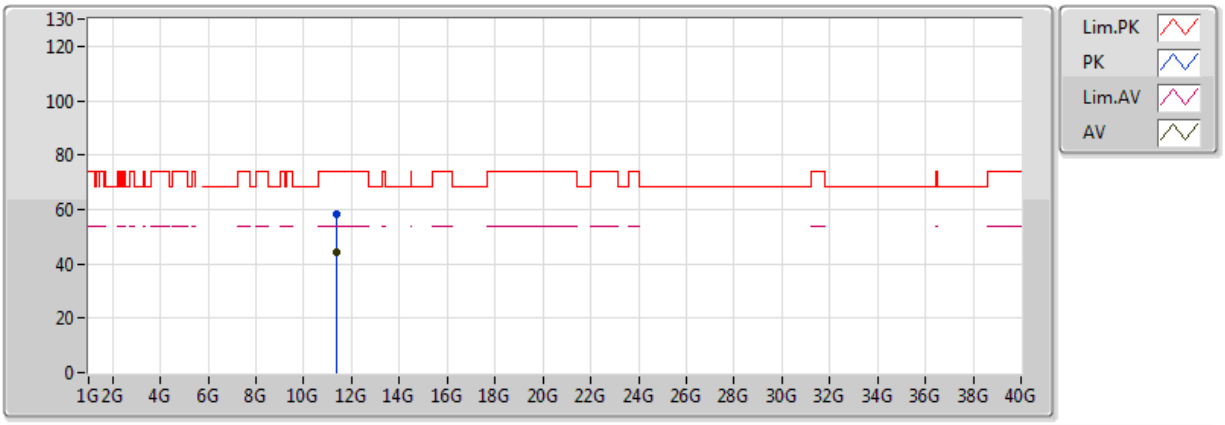


20170525
EUT Z_2TX
Setting 13.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.40228G	45.35	54.00	-8.65	15.79	3	V	41	1.50	-
PK	11.40204G	59.98	74.00	-14.02	15.78	3	V	41	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

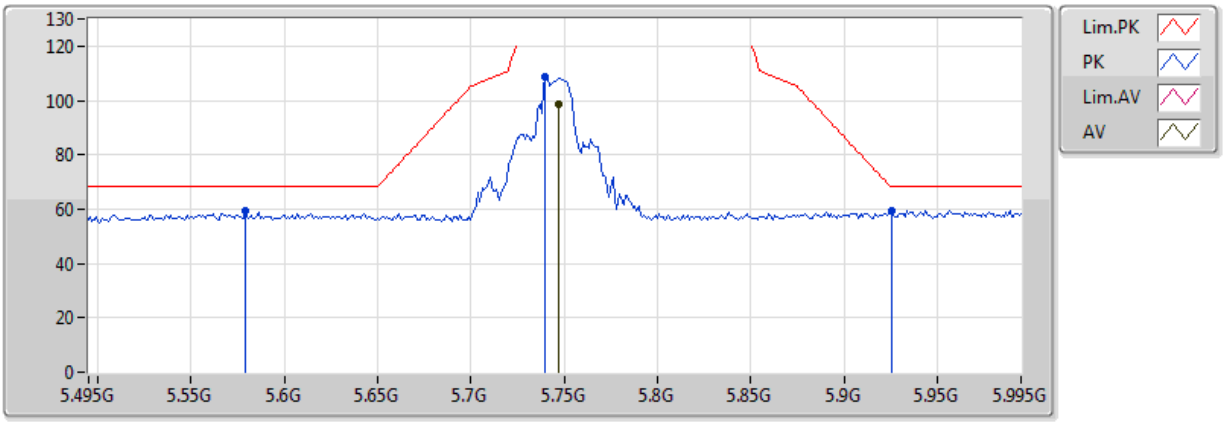


20170525
EUT Z_2TX
Setting 13.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.39956G	44.41	54.00	-9.59	15.78	3	H	66	1.95	-
PK	11.39916G	58.06	74.00	-15.94	15.78	3	H	66	1.95	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

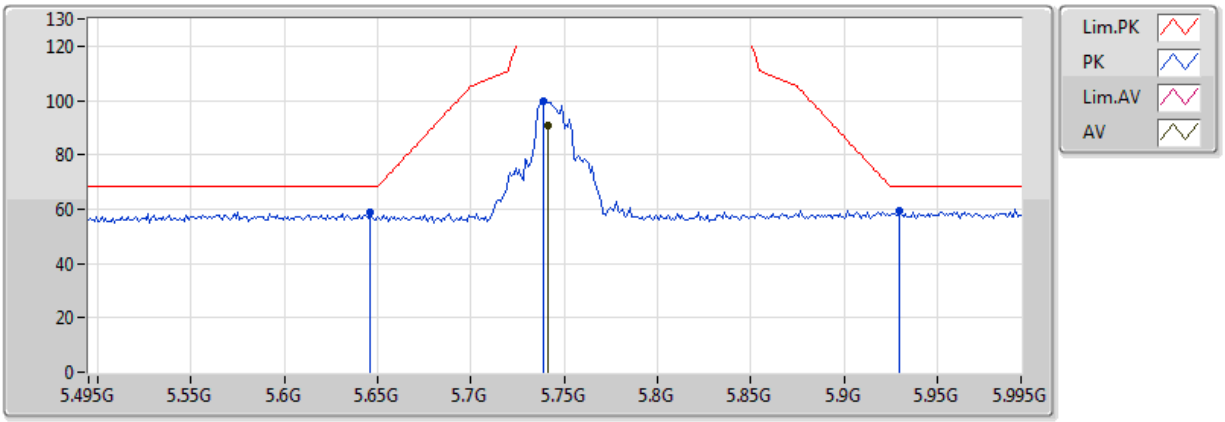


20170525
EUT Z_2TX
Setting 18
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.747G	98.73	Inf	-Inf	6.32	3	V	167	1.38	-
PK	5.579G	59.16	68.20	-9.04	6.00	3	V	167	1.38	-
PK	5.74G	108.61	Inf	-Inf	6.31	3	V	167	1.38	-
PK	5.926G	59.62	68.20	-8.58	7.14	3	V	167	1.38	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

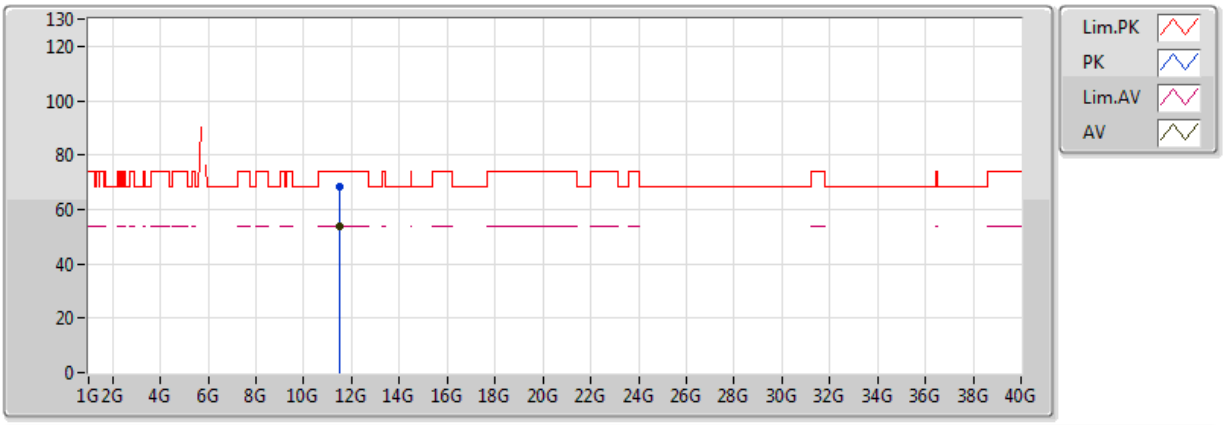


20170525
EUT Z_2TX
Setting 18
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.741G	90.63	Inf	-Inf	6.31	3	H	293	1.39	-
PK	5.646G	58.98	68.20	-9.22	6.18	3	H	293	1.39	-
PK	5.739G	99.98	Inf	-Inf	6.31	3	H	293	1.39	-
PK	5.93G	59.23	68.20	-8.97	7.17	3	H	293	1.39	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

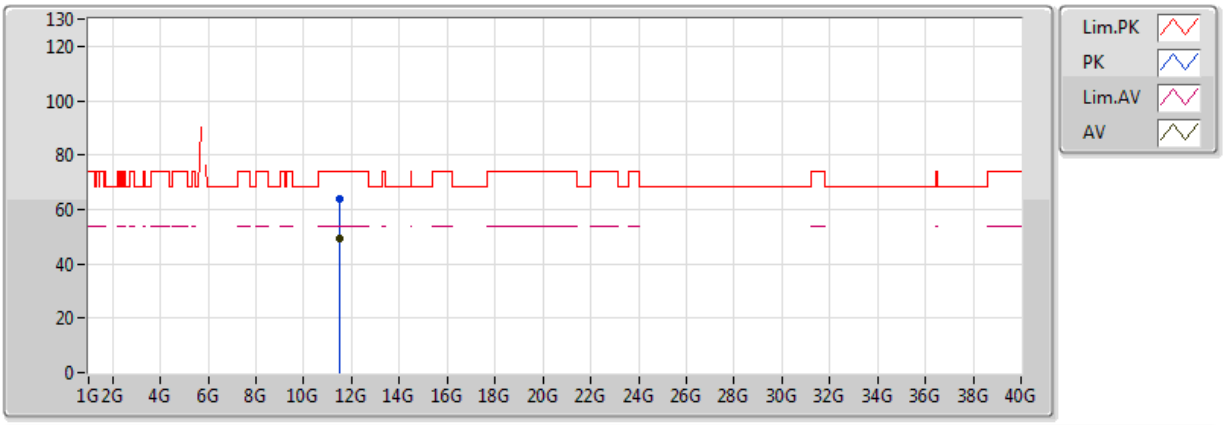


20170525
EUT Z_2TX
Setting 18
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49016G	53.85	54.00	-0.15	15.83	3	V	98	1.98	-
PK	11.49164G	68.33	74.00	-5.67	15.83	3	V	98	1.98	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

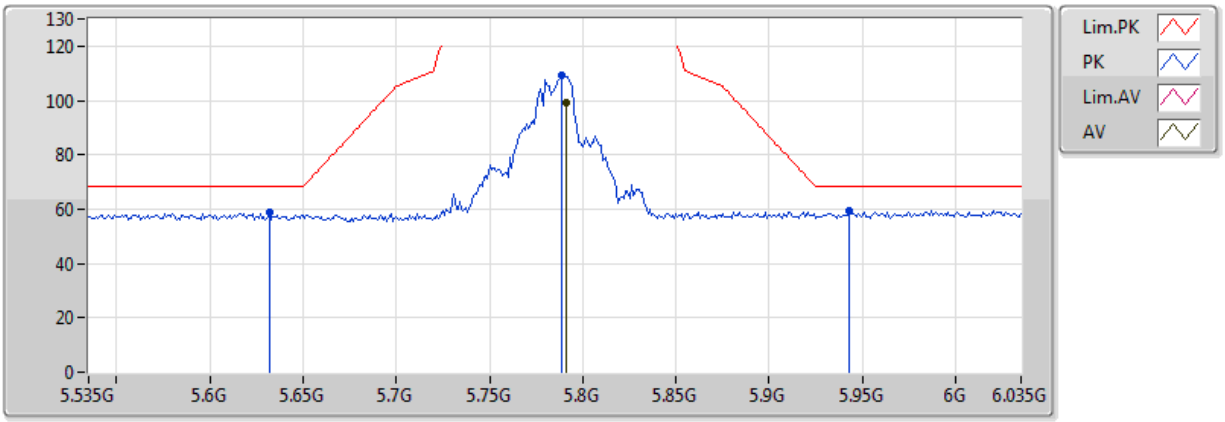


20170525
EUT Z_2TX
Setting 18
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49104G	49.58	54.00	-4.42	15.83	3	H	3	2.33	-
PK	11.48996G	63.66	74.00	-10.34	15.83	3	H	3	2.33	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

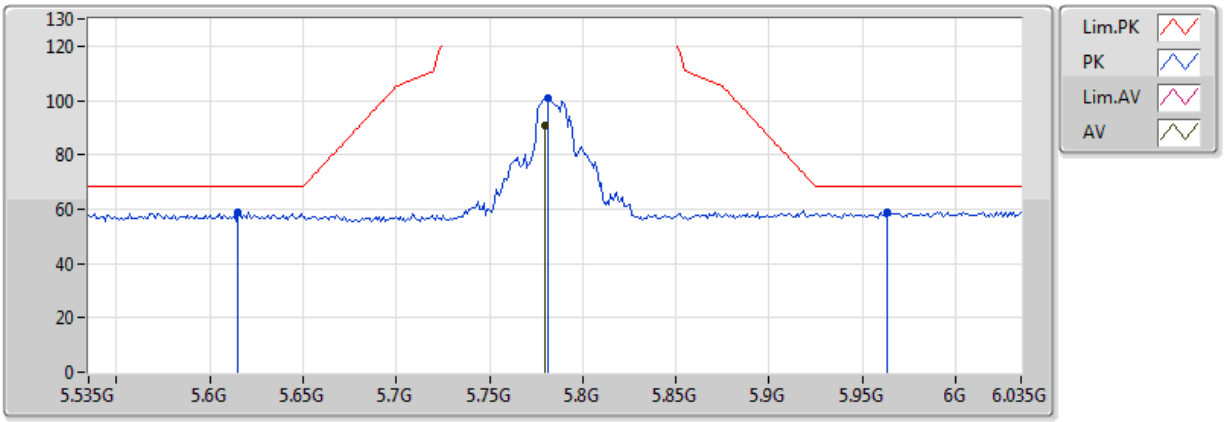


20170525
EUT Z_2TX
Setting 19.5
04-J-6-10
FSP(100142)

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	99.44	Inf	-Inf	6.39	3	V	169	1.57	-
PK	5.632G	58.68	68.20	-9.52	6.16	3	V	169	1.57	-
PK	5.789G	109.03	Inf	-Inf	6.38	3	V	169	1.57	-
PK	5.943G	59.37	68.20	-8.83	7.24	3	V	169	1.57	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

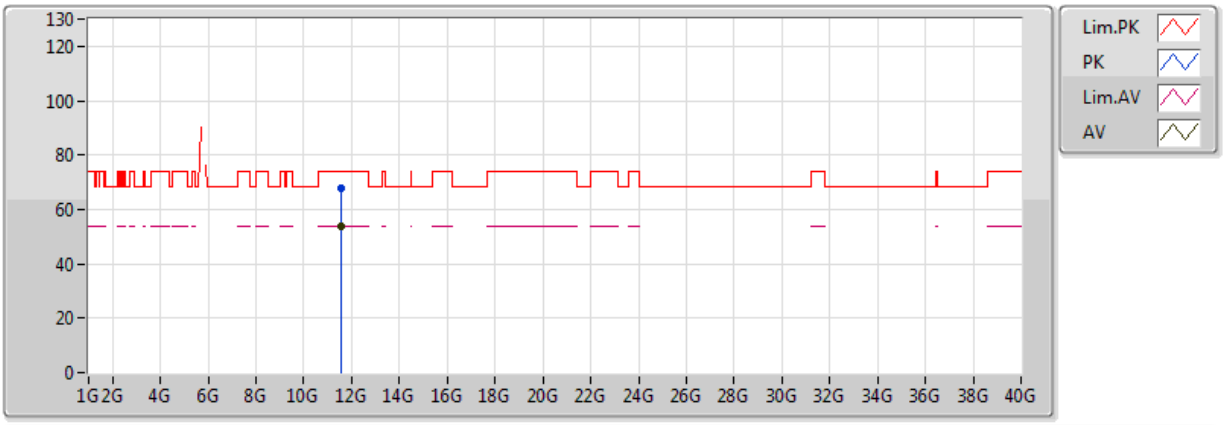


20170525
EUT Z_2TX
Setting 19.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.78G	90.73	Inf	-Inf	6.37	3	H	293	1.39	-
PK	5.615G	58.96	68.20	-9.24	6.14	3	H	293	1.39	-
PK	5.781G	100.75	Inf	-Inf	6.37	3	H	293	1.39	-
PK	5.963G	58.97	68.20	-9.23	7.36	3	H	293	1.39	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

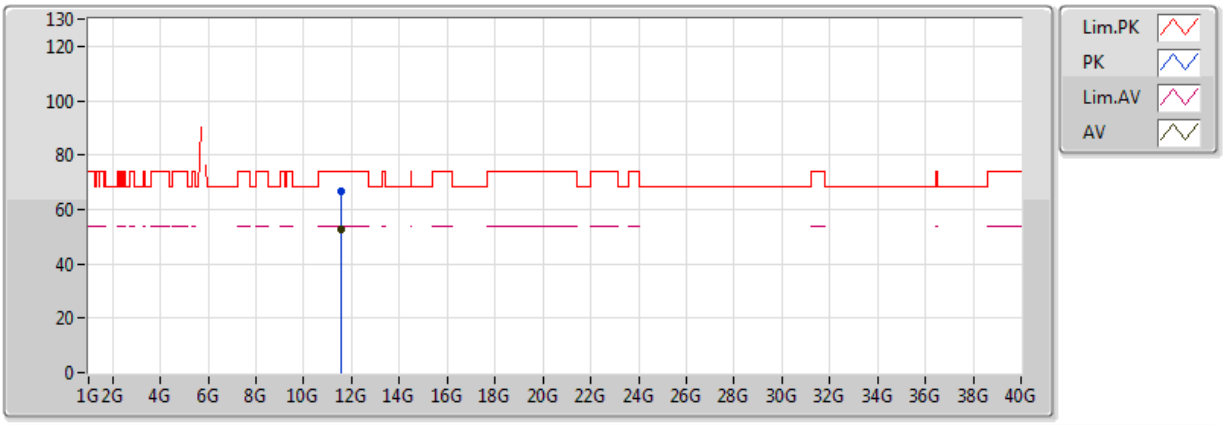


20170525
EUT Z_2TX
Setting 19.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57304G	53.77	54.00	-0.23	15.86	3	V	296	2.23	-
PK	11.57316G	67.65	74.00	-6.35	15.86	3	V	296	2.23	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

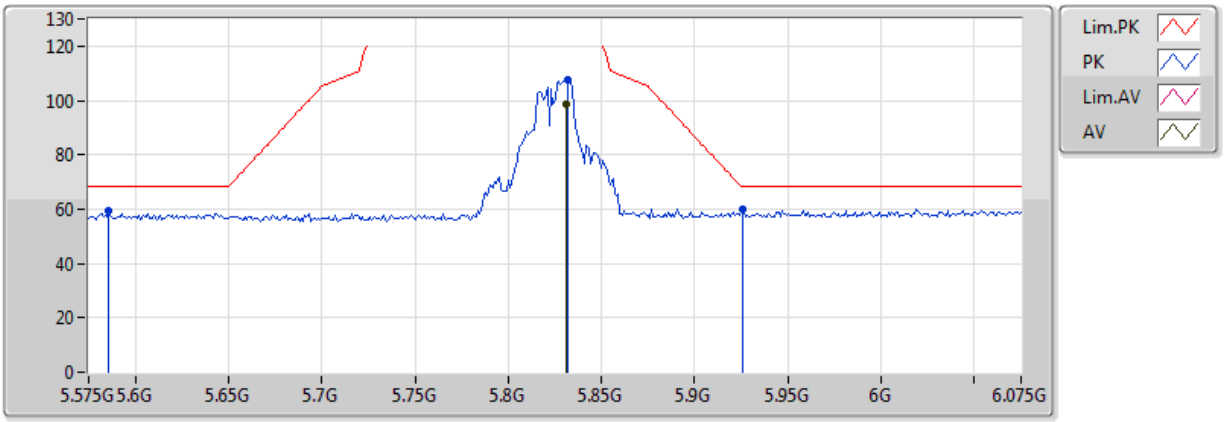


20170525
EUT Z_2TX
Setting 19.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57152G	52.43	54.00	-1.57	15.86	3	H	296	2.34	-
PK	11.5756G	66.52	74.00	-7.48	15.86	3	H	296	2.34	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

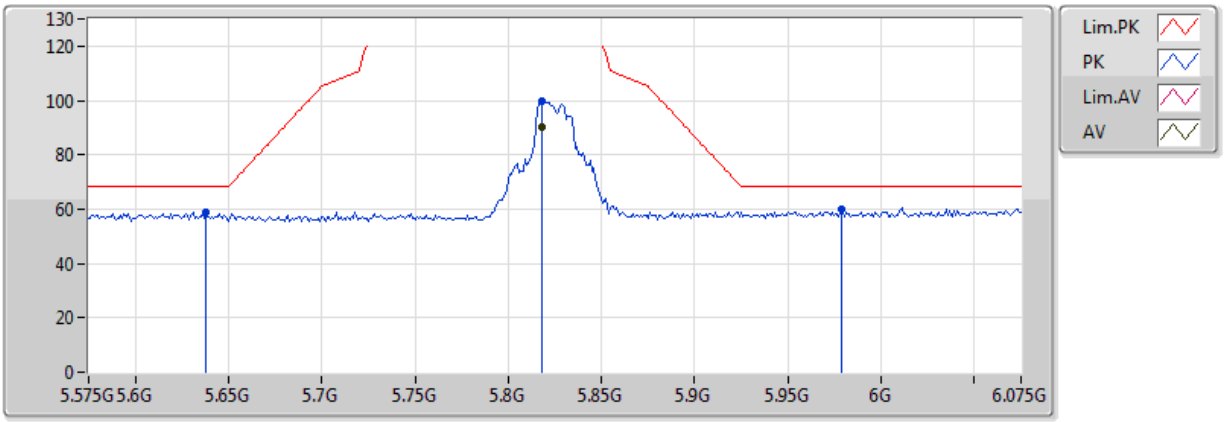


20170525
EUT Z_2TX
Setting 18.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.831G	98.59	Inf	-Inf	6.58	3	V	170	1.74	-
PK	5.586G	59.23	68.20	-8.97	6.04	3	V	170	1.74	-
PK	5.832G	107.70	Inf	-Inf	6.59	3	V	170	1.74	-
PK	5.926G	59.86	68.20	-8.34	7.14	3	V	170	1.74	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

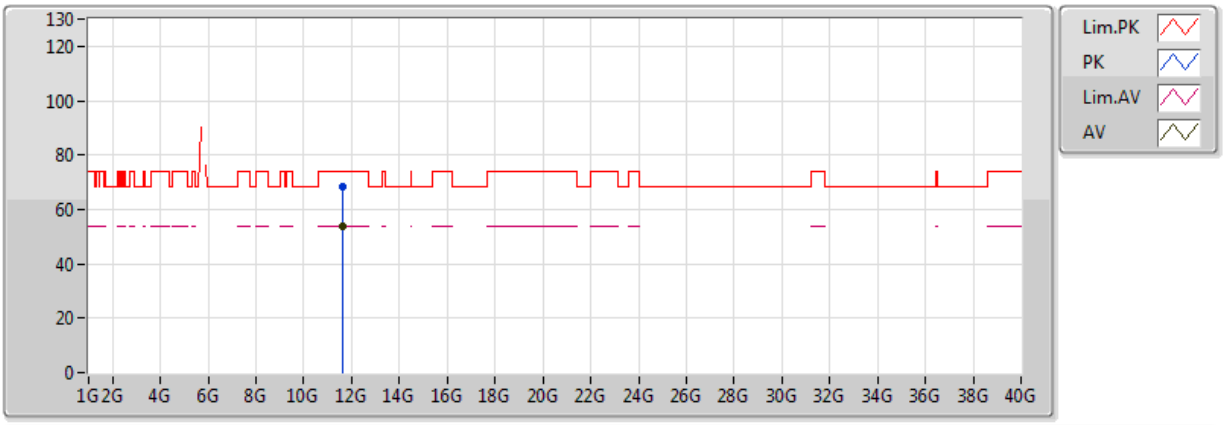


20170525
EUT Z_2TX
Setting 18.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.818G	90.49	Inf	-Inf	6.51	3	H	314	1.59	-
PK	5.638G	59.05	68.20	-9.15	6.17	3	H	314	1.59	-
PK	5.818G	99.87	Inf	-Inf	6.51	3	H	314	1.59	-
PK	5.979G	59.80	68.20	-8.40	7.46	3	H	314	1.59	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

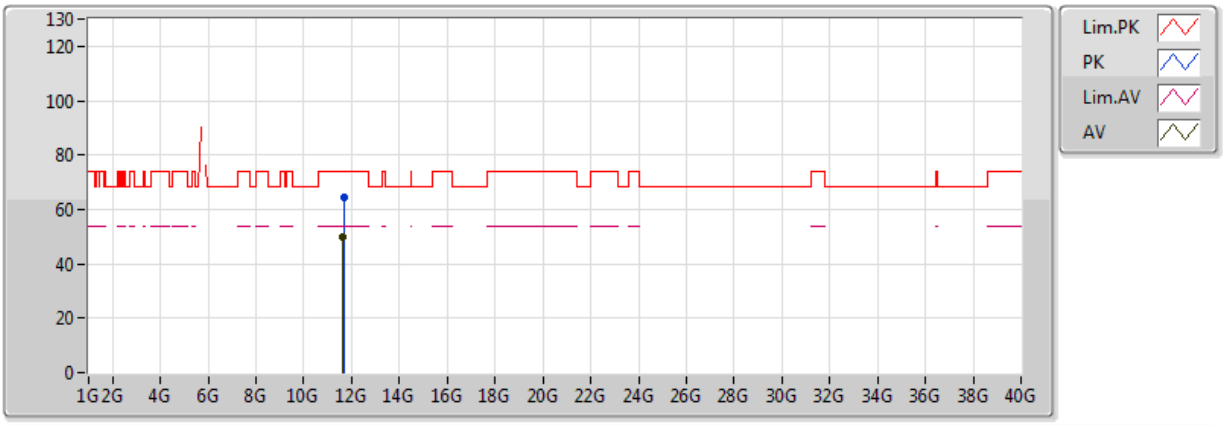


20170525
EUT Z_2TX
Setting 18.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65196G	53.75	54.00	-0.25	15.90	3	V	100	1.00	-
PK	11.65308G	68.62	74.00	-5.38	15.90	3	V	100	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

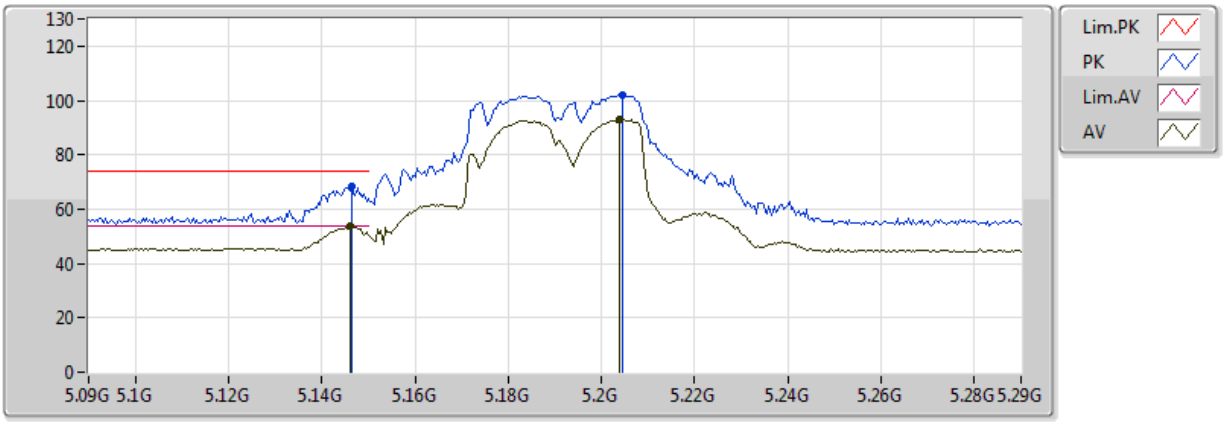


20170525
EUT Z_2TX
Setting 18.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65404G	49.63	54.00	-4.37	15.90	3	H	330	2.99	-
PK	11.65684G	64.19	74.00	-9.81	15.90	3	H	330	2.99	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

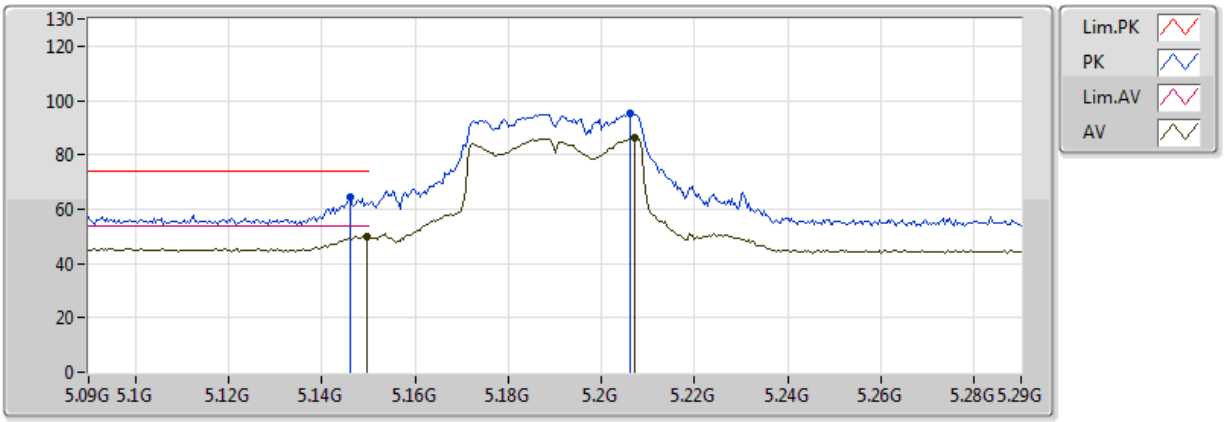


20170525
EUT Z_2TX
Setting 13.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.146G	53.61	54.00	-0.39	4.63	3	V	167	1.50	-
AV	5.204G	92.91	Inf	-Inf	4.84	3	V	167	1.50	-
PK	5.1464G	68.18	74.00	-5.82	4.63	3	V	167	1.50	-
PK	5.2044G	102.02	Inf	-Inf	4.84	3	V	167	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

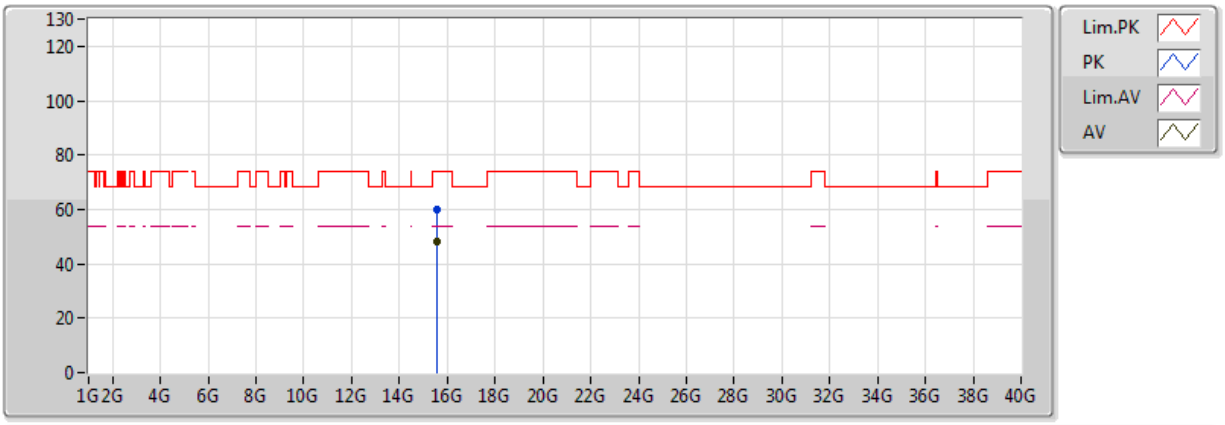


20170525
EUT Z_2TX
Setting 13.5
04-J-6-10
FSP(100142)

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	50.11	54.00	-3.89	4.64	3	H	295	1.50	-
AV	5.2072G	86.32	Inf	-Inf	4.84	3	H	295	1.50	-
PK	5.146G	64.34	74.00	-9.66	4.63	3	H	295	1.50	-
PK	5.206G	95.08	Inf	-Inf	4.84	3	H	295	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

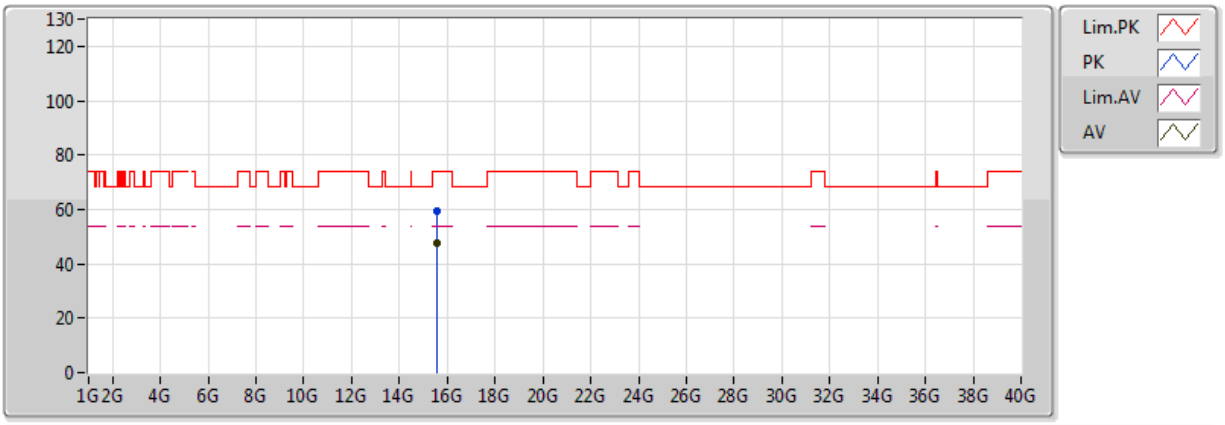


20170525
EUT Z_2TX
Setting 13.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5668G	47.97	54.00	-6.03	17.21	3	V	238	2.25	-
PK	15.56268G	59.77	74.00	-14.23	17.22	3	V	238	2.25	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

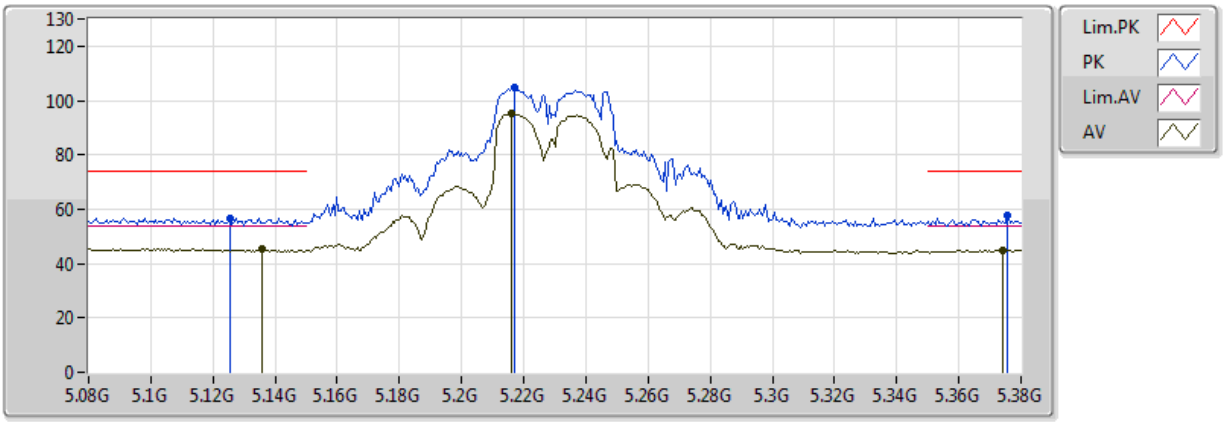


20170525
EUT Z_2TX
Setting 13.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56064G	47.41	54.00	-6.59	17.22	3	H	238	1.49	-
PK	15.57712G	59.43	74.00	-14.57	17.20	3	H	238	1.49	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

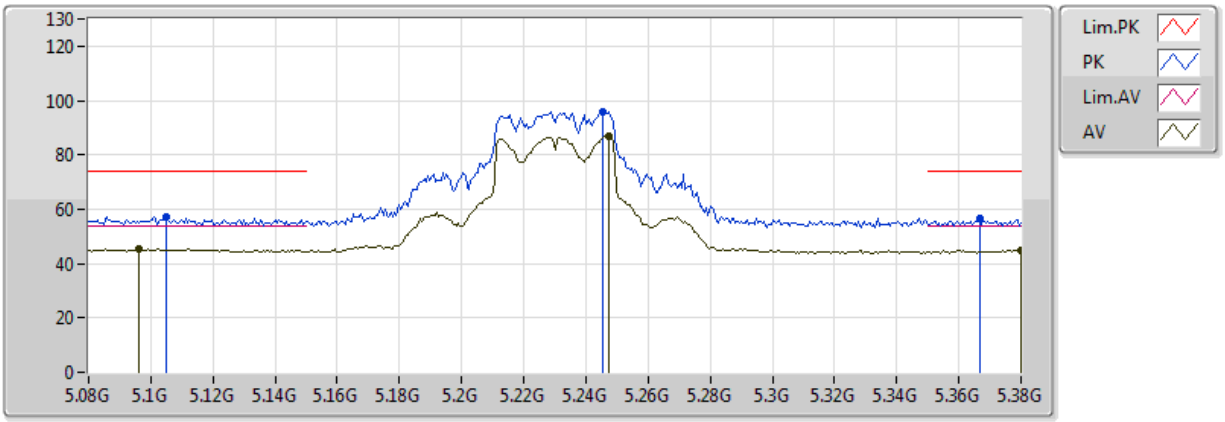


20170525
EUT Z_2TX
Setting 16.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2162G	95.23	Inf	-Inf	4.85	3	V	357	1.63	-
AV	5.374G	45.02	54.00	-8.98	5.05	3	V	357	1.63	-
PK	5.1256G	56.76	74.00	-17.24	4.55	3	V	357	1.63	-
PK	5.2168G	104.54	Inf	-Inf	4.85	3	V	357	1.63	-
PK	5.3758G	57.53	74.00	-16.47	5.05	3	V	357	1.63	-
AV	5.1358G	45.19	54.00	-8.81	4.59	3	V	357	1.63	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

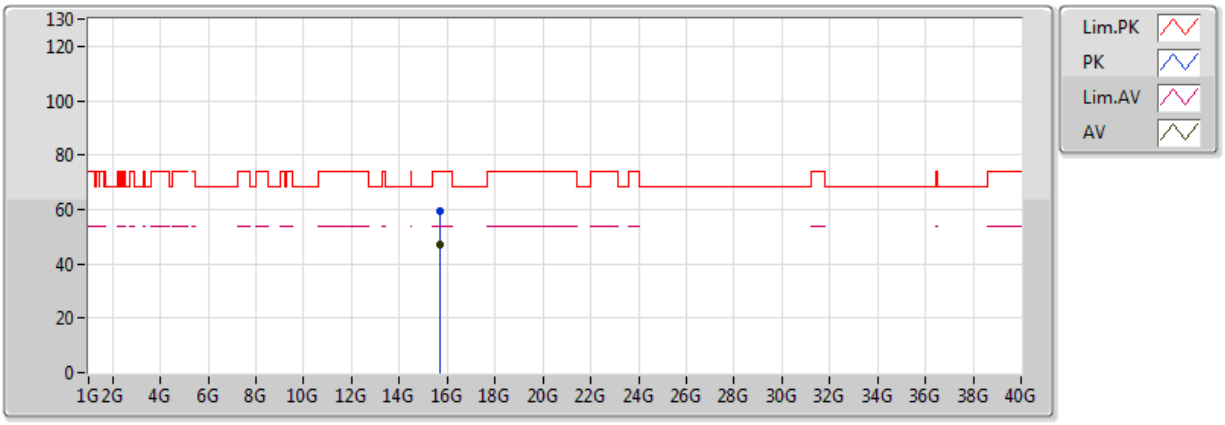


20170525
EUT Z_2TX
Setting 16.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0962G	45.35	54.00	-8.65	4.44	3	H	294	1.50	-
AV	5.2474G	87.13	Inf	-Inf	4.90	3	H	294	1.50	-
AV	5.38G	44.87	54.00	-9.13	5.06	3	H	294	1.50	-
PK	5.1052G	56.97	74.00	-17.03	4.48	3	H	294	1.50	-
PK	5.2456G	96.07	Inf	-Inf	4.89	3	H	294	1.50	-
PK	5.3668G	56.52	74.00	-17.48	5.04	3	H	294	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

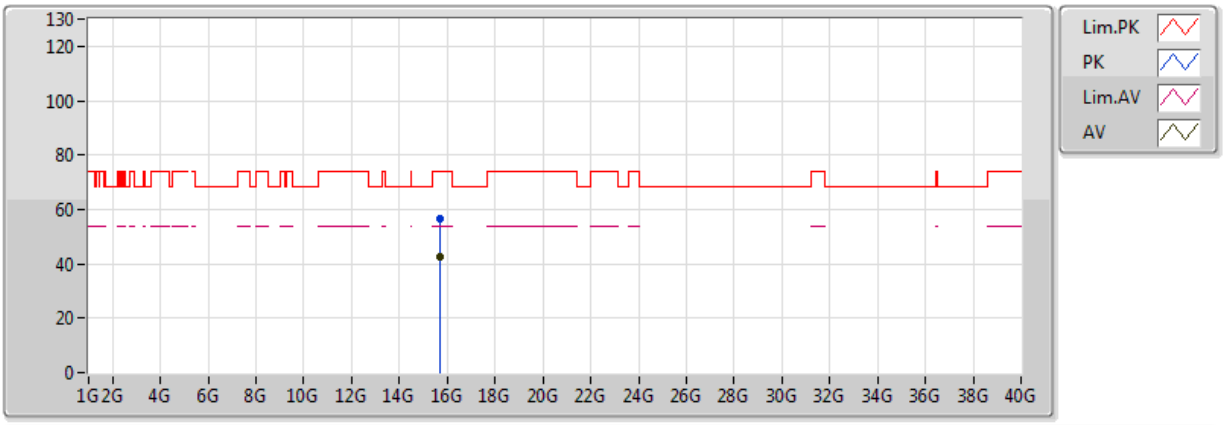


20170525
EUT Z_2TX
Setting 16.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.68804G	46.87	54.00	-7.13	17.12	3	V	143	1.06	-
PK	15.6878G	59.27	74.00	-14.73	17.12	3	V	143	1.06	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

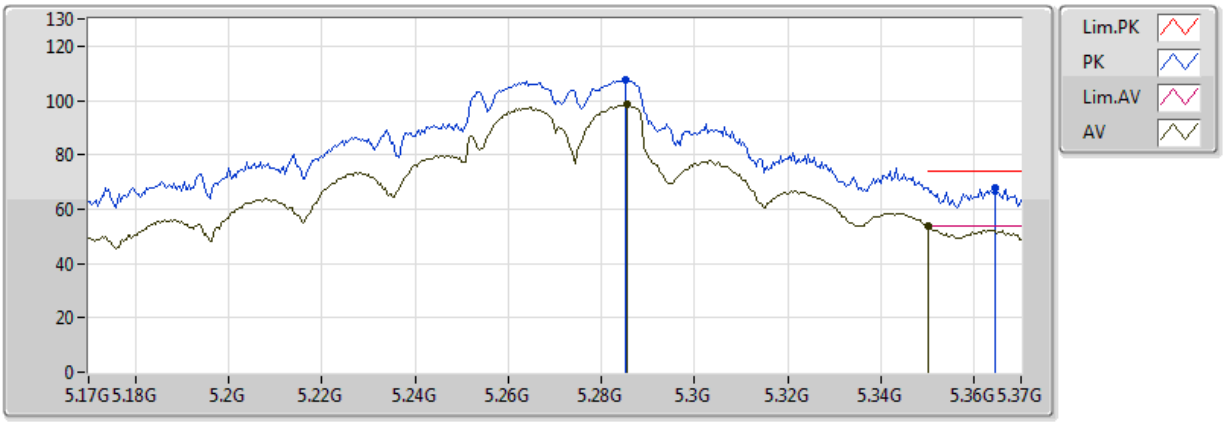


20170525
EUT Z_2TX
Setting 16.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69884G	42.31	54.00	-11.69	17.11	3	H	1	1.50	-
PK	15.69836G	56.43	74.00	-17.57	17.11	3	H	1	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

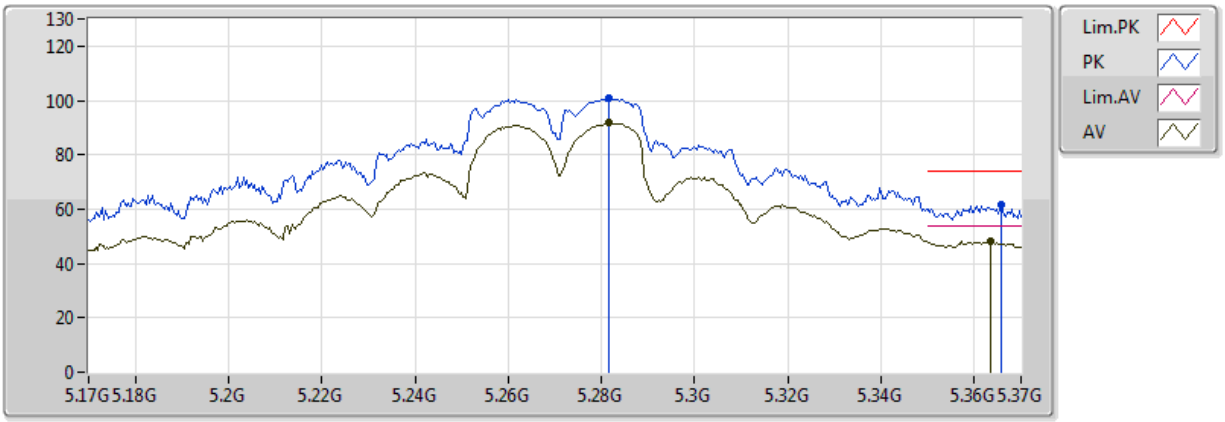


20170525
EUT Z_2TX
Setting 22.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2856G	98.39	Inf	-Inf	4.95	3	V	176	1.53	-
AV	5.350005G	53.72	54.00	-0.28	5.03	3	V	176	1.53	-
PK	5.2852G	107.38	Inf	-Inf	4.95	3	V	176	1.53	-
PK	5.3644G	67.88	74.00	-6.12	5.04	3	V	176	1.53	-

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

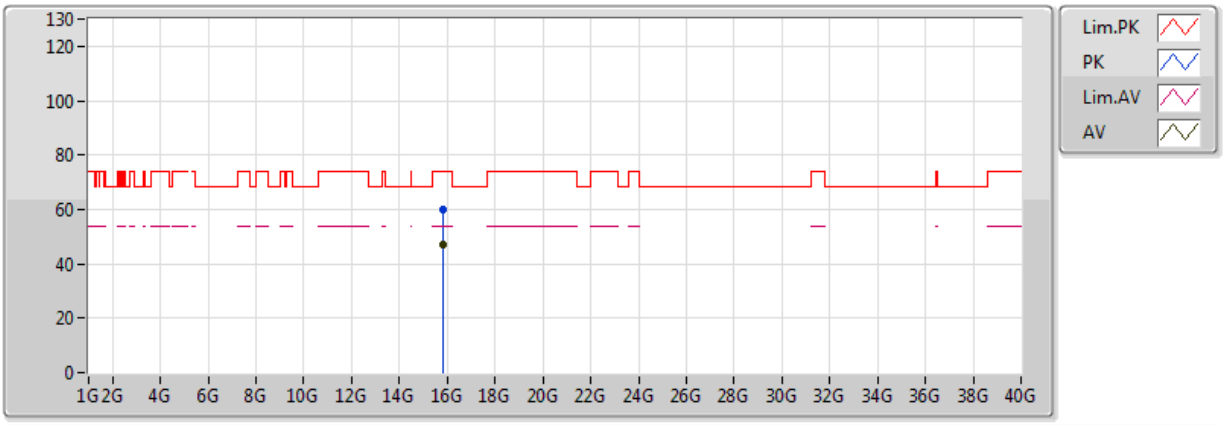


20170525
EUT Z_2TX
Setting 22.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2816G	91.85	Inf	-Inf	4.94	3	H	293	1.51	-
AV	5.3636G	48.01	54.00	-5.99	5.04	3	H	293	1.51	-
PK	5.2816G	100.81	Inf	-Inf	4.94	3	H	293	1.51	-
PK	5.3656G	61.57	74.00	-12.43	5.04	3	H	293	1.51	-

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

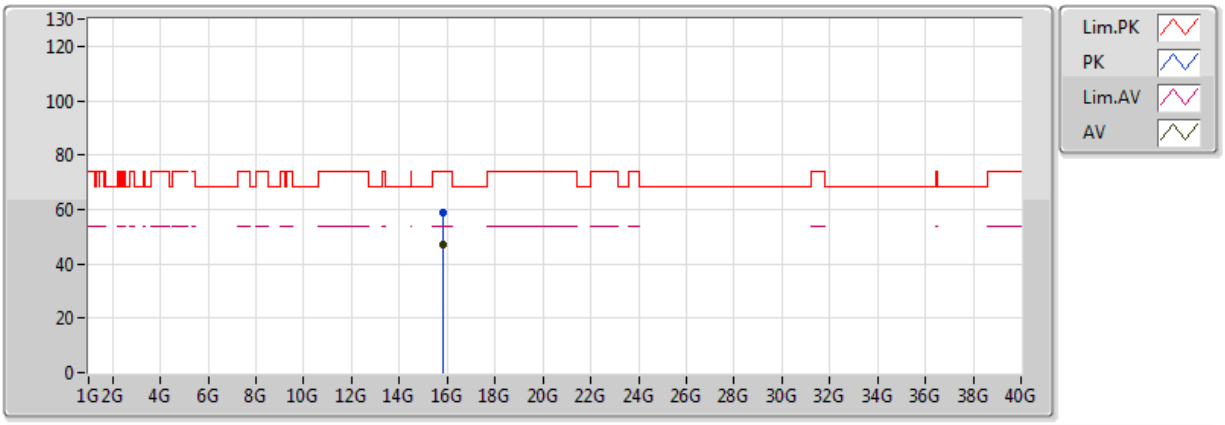


20170525
EUT Z_2TX
Setting 22.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.80744G	47.31	54.00	-6.69	17.02	3	V	69	1.23	-
PK	15.8034G	59.72	74.00	-14.28	17.03	3	V	69	1.23	-

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

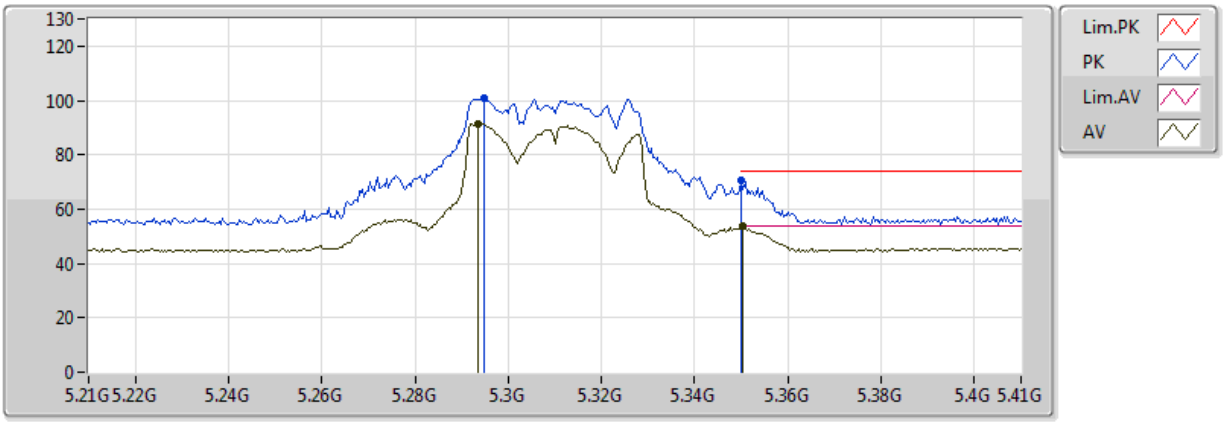


20170525
EUT Z_2TX
Setting 22.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.80264G	46.90	54.00	-7.10	17.03	3	H	271	1.79	-
PK	15.8176G	58.96	74.00	-15.04	17.01	3	H	271	1.79	-

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

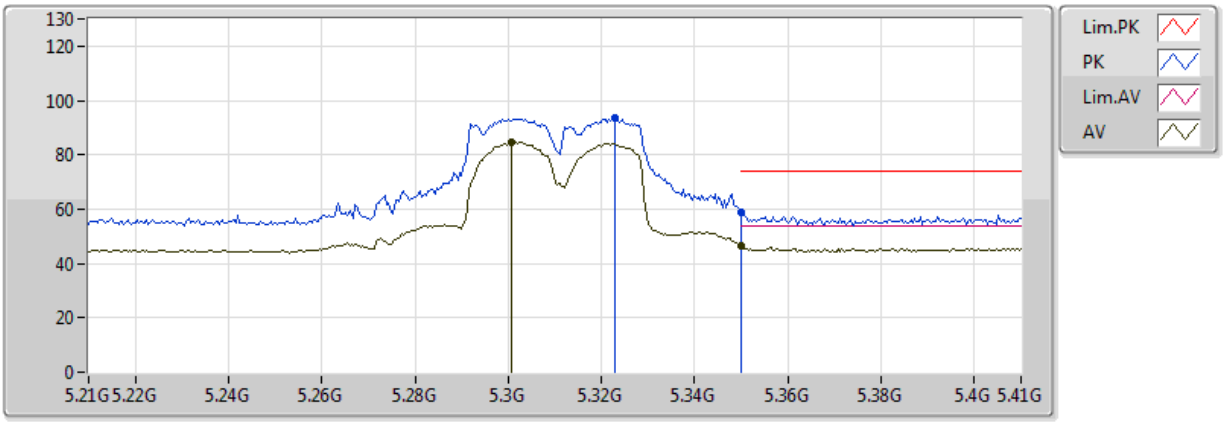


20170525
EUT Z_2TX
Setting 11.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2936G	91.52	Inf	-Inf	4.96	3	V	167	1.69	-
AV	5.3504G	53.83	54.00	-0.17	5.03	3	V	167	1.69	-
PK	5.2948G	100.99	Inf	-Inf	4.96	3	V	167	1.69	-
PK	5.350005G	70.47	74.00	-3.53	5.03	3	V	167	1.69	-

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

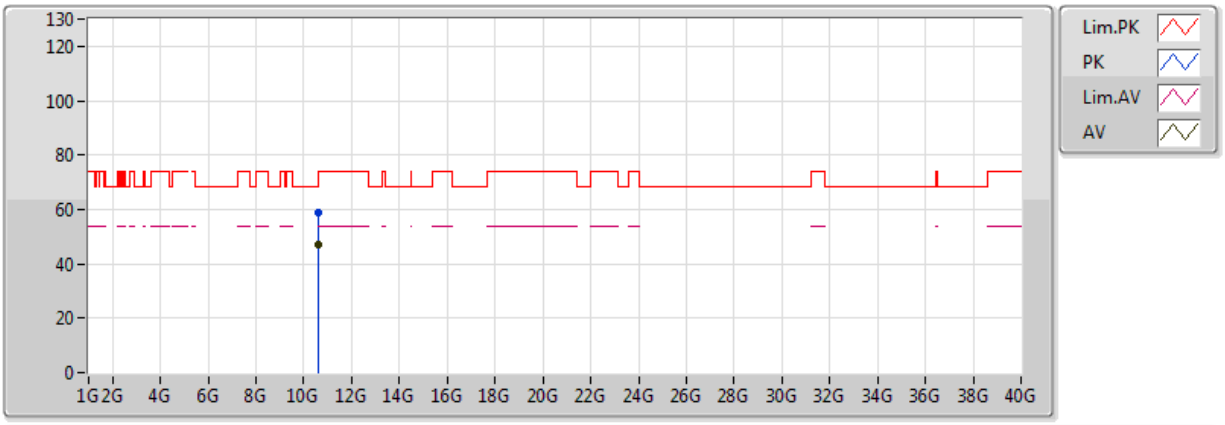


20170525
EUT Z_2TX
Setting 11.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3008G	84.44	Inf	-Inf	4.97	3	H	291	1.80	-
AV	5.350005G	46.69	54.00	-7.31	5.03	3	H	291	1.80	-
PK	5.3228G	93.40	Inf	-Inf	5.00	3	H	291	1.80	-
PK	5.350005G	58.66	74.00	-15.34	5.03	3	H	291	1.80	-

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

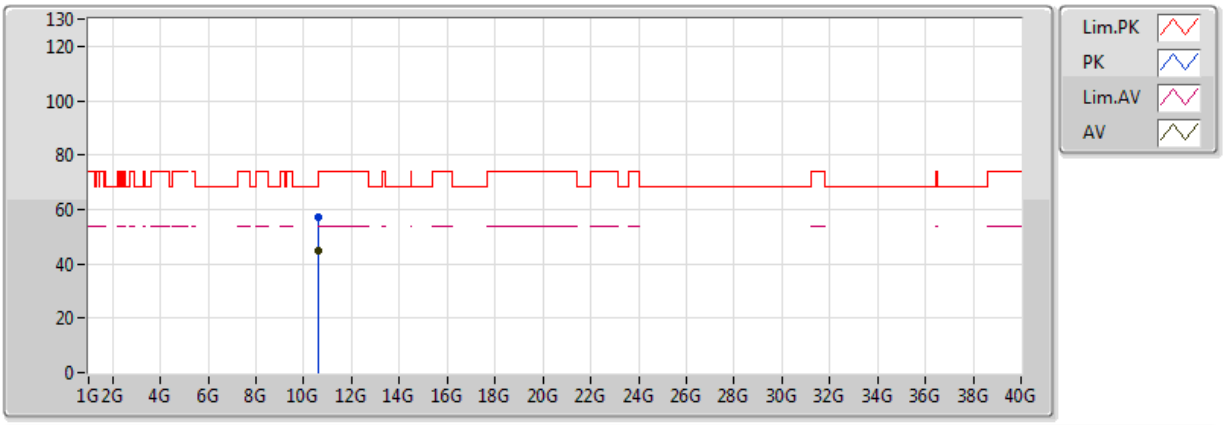


20170525
EUT Z_2TX
Setting 11.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.62604G	47.30	54.00	-6.70	14.96	3	V	308	1.83	-
PK	10.61824G	58.60	74.00	-15.40	14.94	3	V	308	1.83	-

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

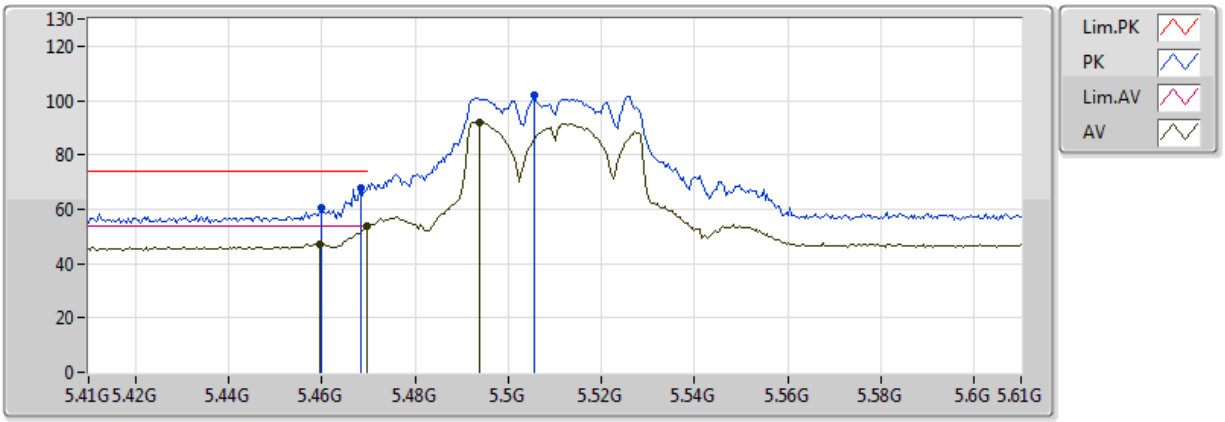


20170525
EUT Z_2TX
Setting 11.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.61556G	45.03	54.00	-8.97	14.94	3	H	231	2.22	-
PK	10.61624G	57.26	74.00	-16.74	14.94	3	H	231	2.22	-

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

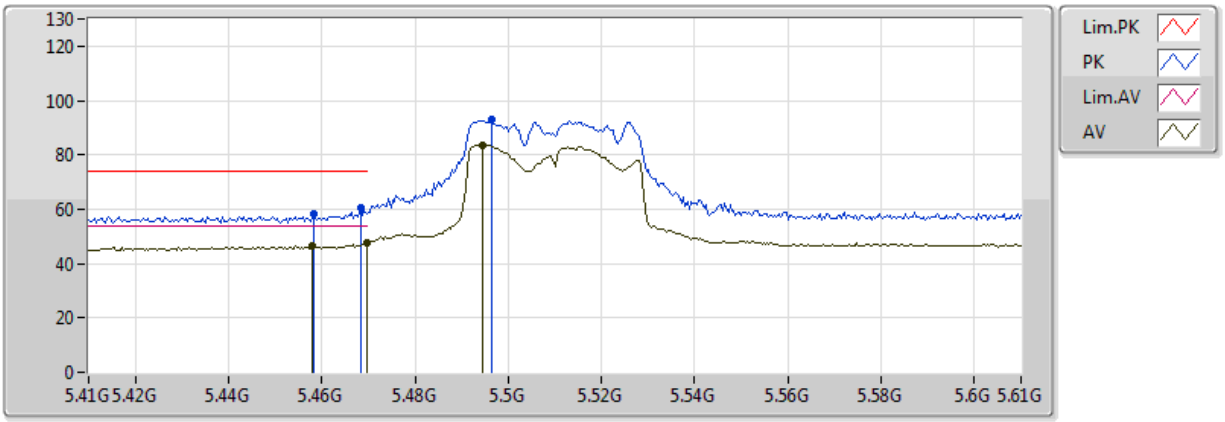


20170525
EUT Z_2TX
Setting 8.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4596G	47.09	54.00	-6.91	5.37	3	V	351	1.50	-
AV	5.4696G	53.75	54.00	-0.25	5.41	3	V	351	1.50	-
AV	5.494G	91.92	Inf	-Inf	5.53	3	V	351	1.50	-
PK	5.46G	60.46	74.00	-13.54	5.37	3	V	351	1.50	-
PK	5.4684G	67.94	74.00	-6.06	5.41	3	V	351	1.50	-
PK	5.5056G	101.74	Inf	-Inf	5.59	3	V	351	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

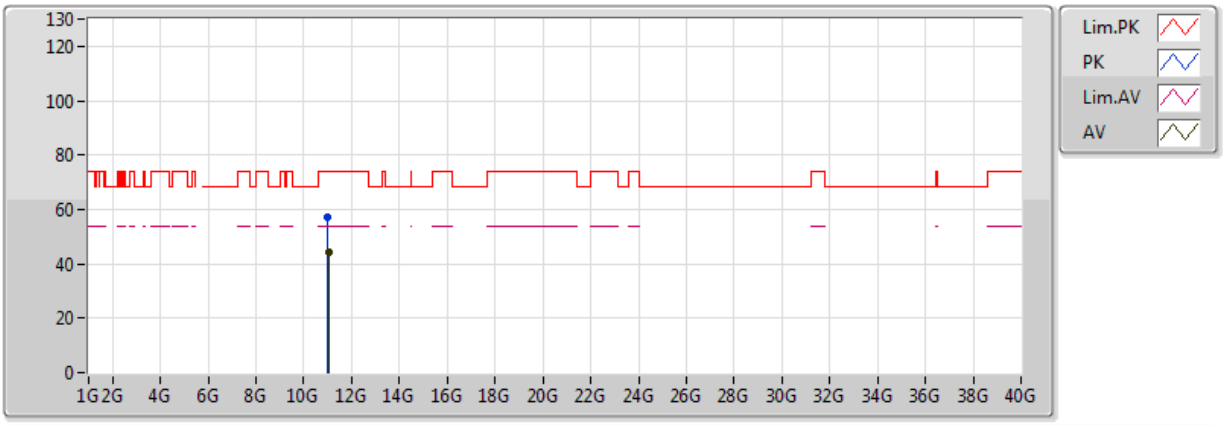


20170525
EUT Z_2TX
Setting 8.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.458G	46.52	54.00	-7.48	5.36	3	H	291	1.54	-
AV	5.4696G	47.43	54.00	-6.57	5.41	3	H	291	1.54	-
AV	5.4944G	83.66	Inf	-Inf	5.53	3	H	291	1.54	-
PK	5.4584G	58.11	74.00	-15.89	5.36	3	H	291	1.54	-
PK	5.4684G	60.74	74.00	-13.26	5.41	3	H	291	1.54	-
PK	5.4964G	92.83	Inf	-Inf	5.54	3	H	291	1.54	-

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

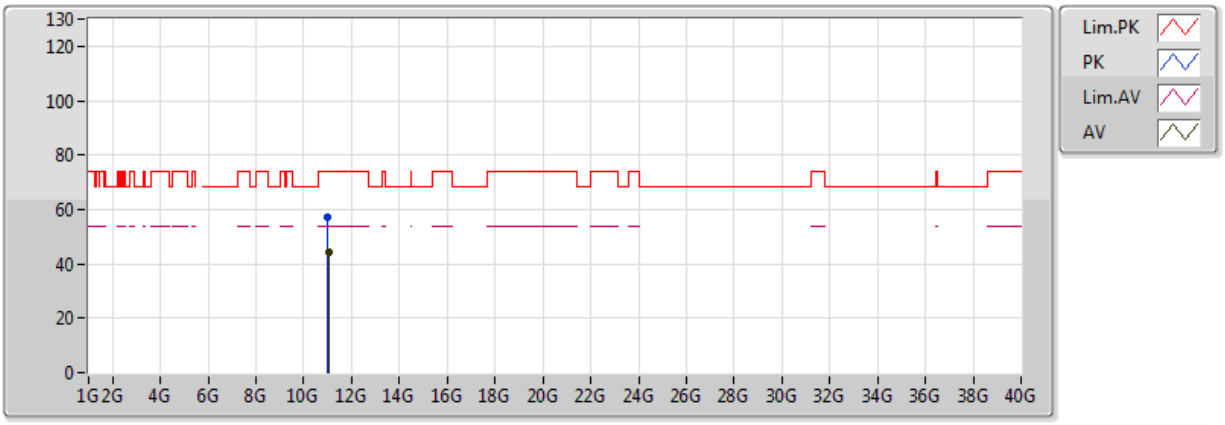


20170525
EUT Z_2TX
Setting 8.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.02076G	44.53	54.00	-9.47	15.61	3	V	13	2.30	-
PK	11.01948G	56.99	74.00	-17.01	15.61	3	V	13	2.30	-

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

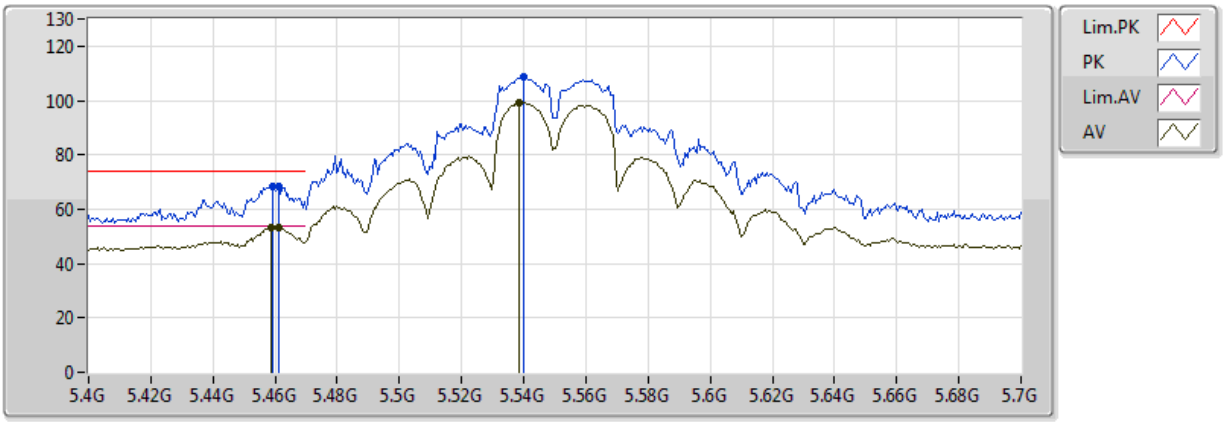


20170525
EUT Z_2TX
Setting 8.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.02888G	44.47	54.00	-9.53	15.61	3	H	161	1.77	-
PK	11.014G	56.91	74.00	-17.09	15.61	3	H	161	1.77	-

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

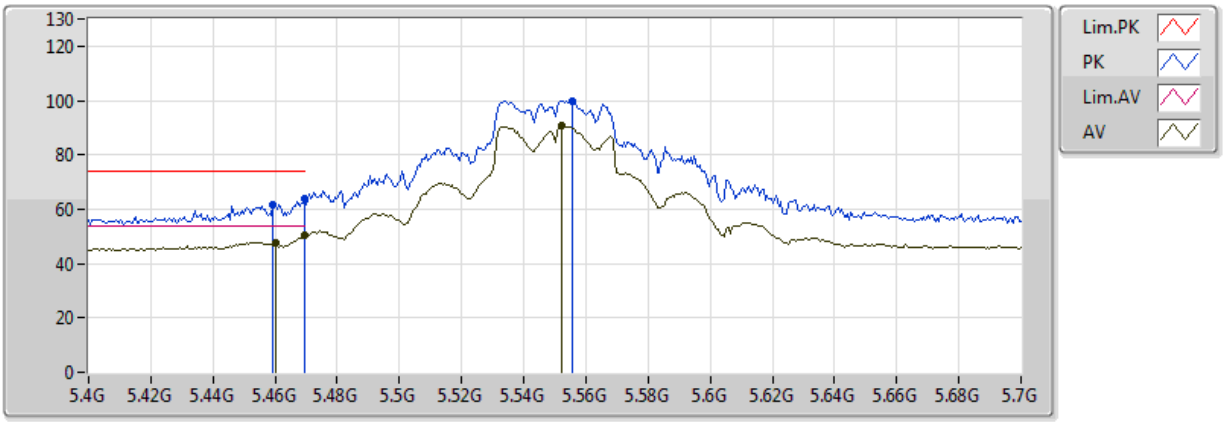


20170525
EUT Z_2TX
Setting 19.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4588G	53.43	54.00	-0.57	5.36	3	V	354	1.53	-
AV	5.4612G	53.07	54.00	-0.93	5.37	3	V	354	1.53	-
AV	5.5386G	99.12	Inf	-Inf	5.78	3	V	354	1.53	-
PK	5.4594G	68.55	74.00	-5.45	5.37	3	V	354	1.53	-
PK	5.4612G	68.18	74.00	-5.82	5.37	3	V	354	1.53	-
PK	5.5398G	108.71	Inf	-Inf	5.78	3	V	354	1.53	-

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

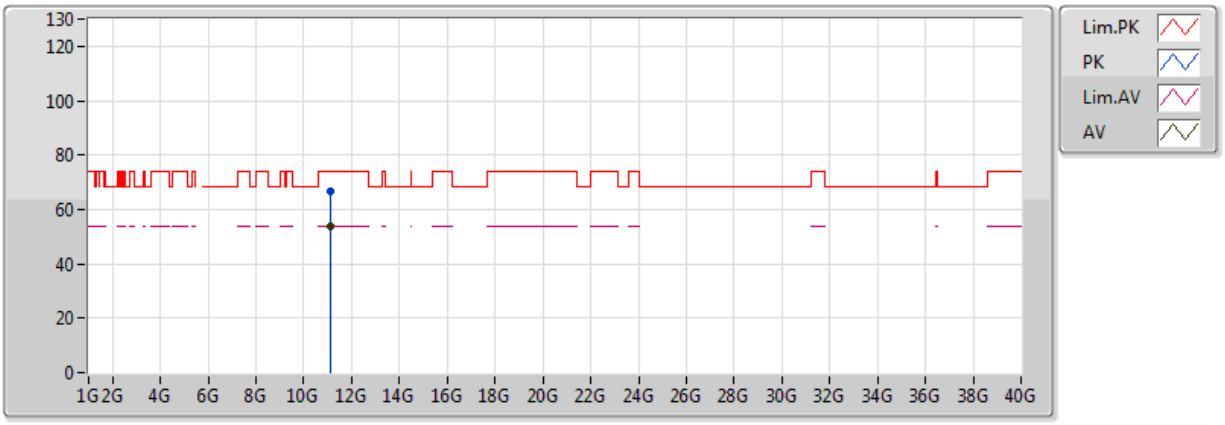


20170525
EUT Z_2TX
Setting 19.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	47.90	54.00	-6.10	5.37	3	H	293	1.62	-
AV	5.4696G	50.16	54.00	-3.84	5.41	3	H	293	1.62	-
AV	5.5524G	90.54	Inf	-Inf	5.85	3	H	293	1.62	-
PK	5.4594G	61.83	74.00	-12.17	5.37	3	H	293	1.62	-
PK	5.4696G	64.10	74.00	-9.90	5.41	3	H	293	1.62	-
PK	5.5554G	99.62	Inf	-Inf	5.87	3	H	293	1.62	-

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

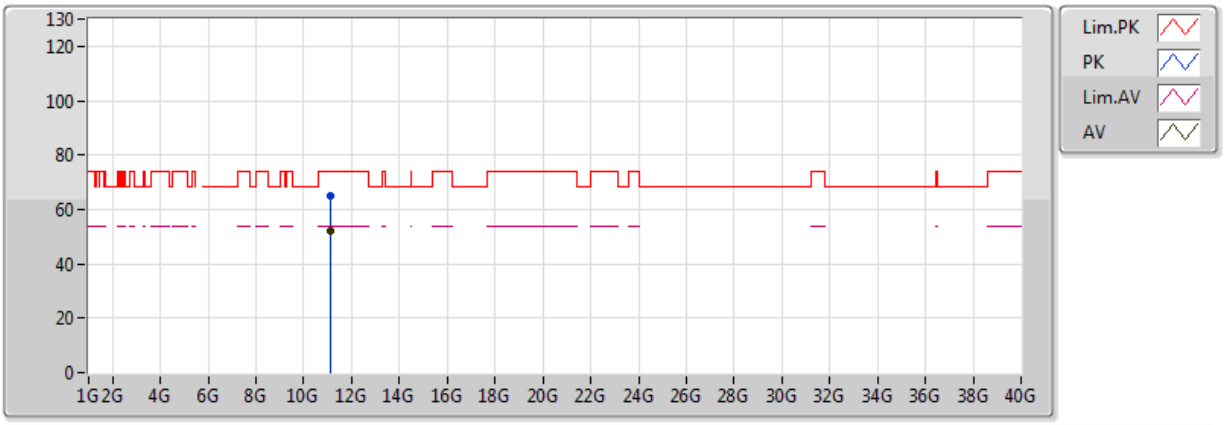


20170525
EUT Z_2TX
Setting 19.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.10072G	53.76	54.00	-0.24	15.65	3	V	344	2.59	-
PK	11.10044G	66.85	74.00	-7.15	15.65	3	V	344	2.59	-

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

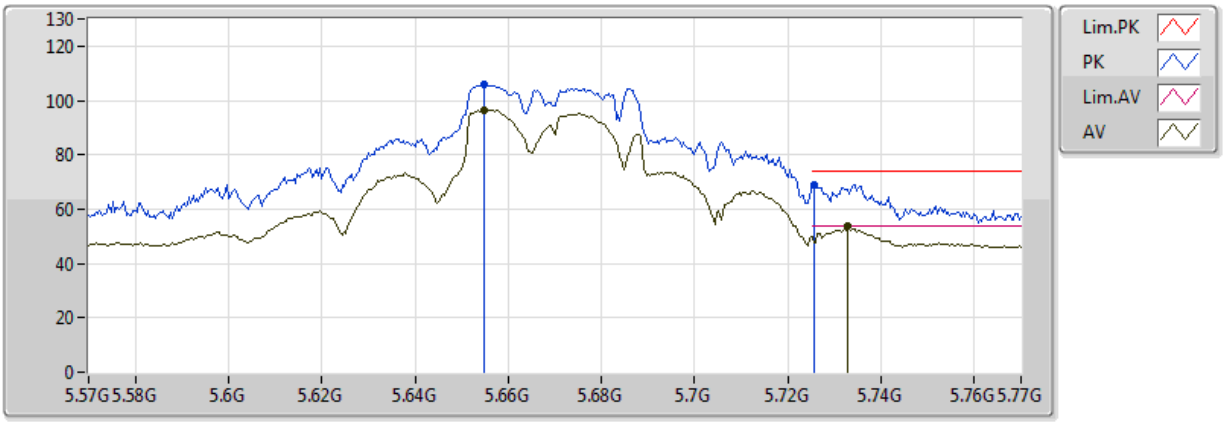


20170525
EUT Z_2TX
Setting 19.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.10332G	52.05	54.00	-1.95	15.65	3	H	296	2.44	-
PK	11.1022G	64.72	74.00	-9.28	15.65	3	H	296	2.44	-

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

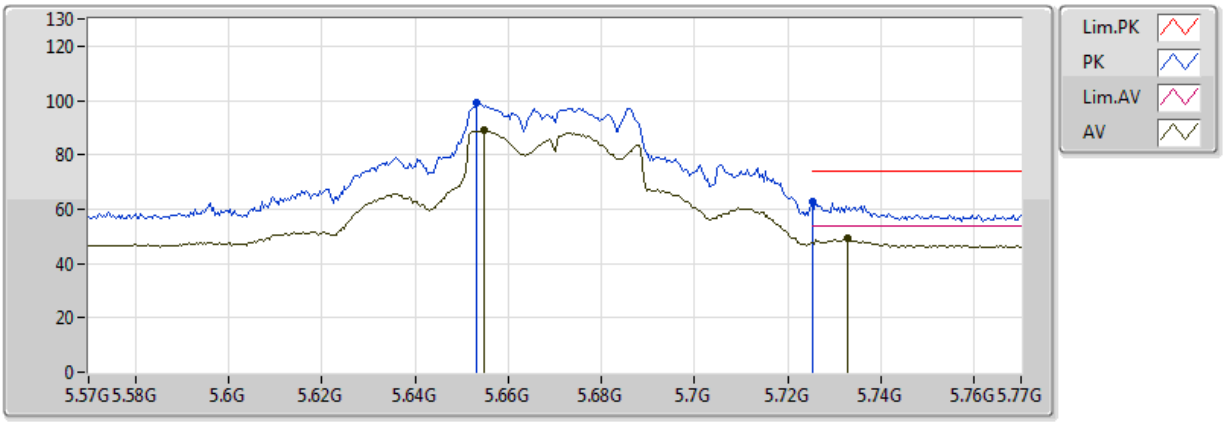


20170525
EUT Z_2TX
Setting 17.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6548G	96.57	Inf	-Inf	6.19	3	V	357	1.56	-
AV	5.7328G	53.79	54.00	-0.21	6.30	3	V	357	1.56	-
PK	5.6548G	106.13	Inf	-Inf	6.19	3	V	357	1.56	-
PK	5.7256G	68.98	74.00	-5.02	6.29	3	V	357	1.56	-

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

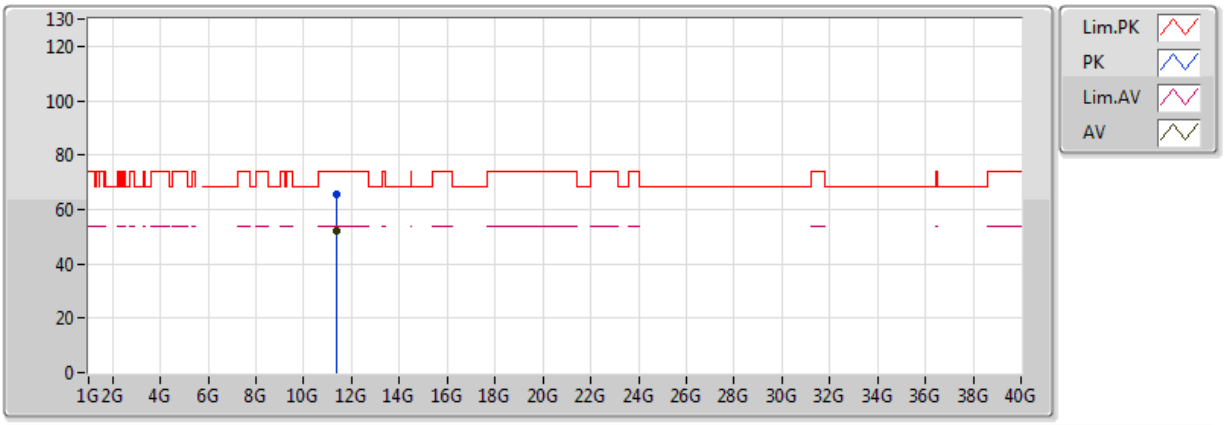


20170525
EUT Z_2TX
Setting 17.5
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6548G	89.15	Inf	-Inf	6.19	3	H	294	1.50	-
AV	5.7328G	49.04	54.00	-4.96	6.30	3	H	294	1.50	-
PK	5.6532G	99.33	Inf	-Inf	6.19	3	H	294	1.50	-
PK	5.7252G	62.94	74.00	-11.06	6.29	3	H	294	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

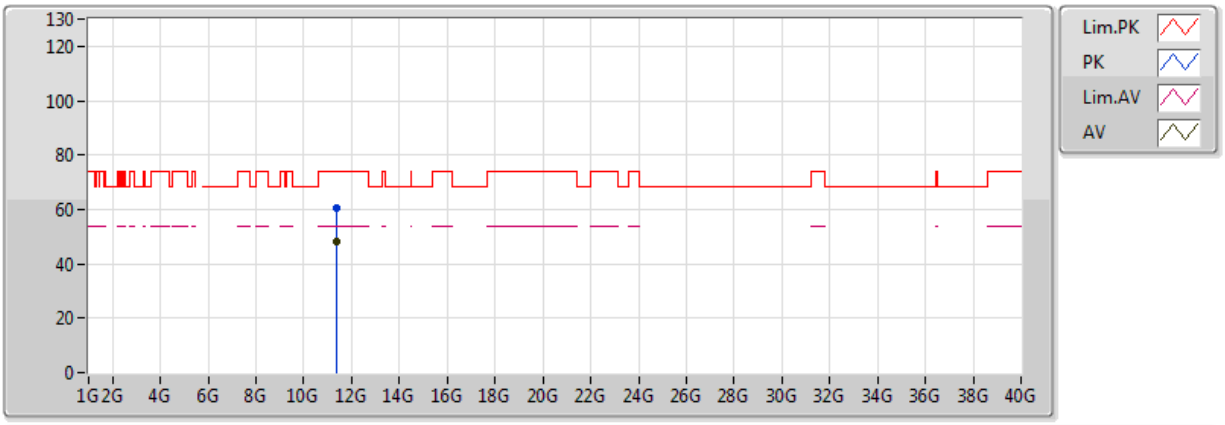


20170525
EUT Z_2TX
Setting 17.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.3432G	52.02	54.00	-1.98	15.76	3	V	305	2.25	-
PK	11.34468G	65.66	74.00	-8.34	15.76	3	V	305	2.25	-

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

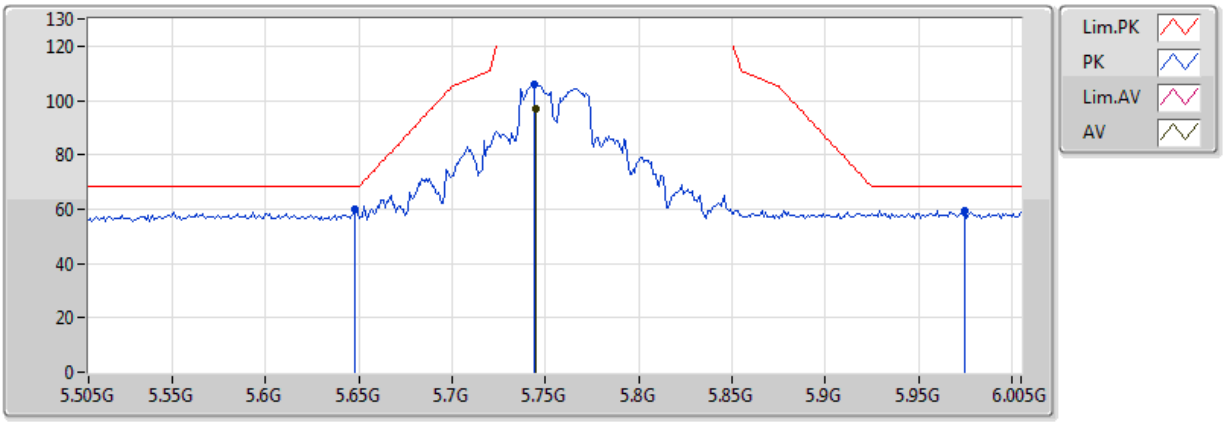


20170525
EUT Z_2TX
Setting 17.5
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34368G	47.92	54.00	-6.08	15.76	3	H	4	2.49	-
PK	11.34364G	60.48	74.00	-13.52	15.76	3	H	4	2.49	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

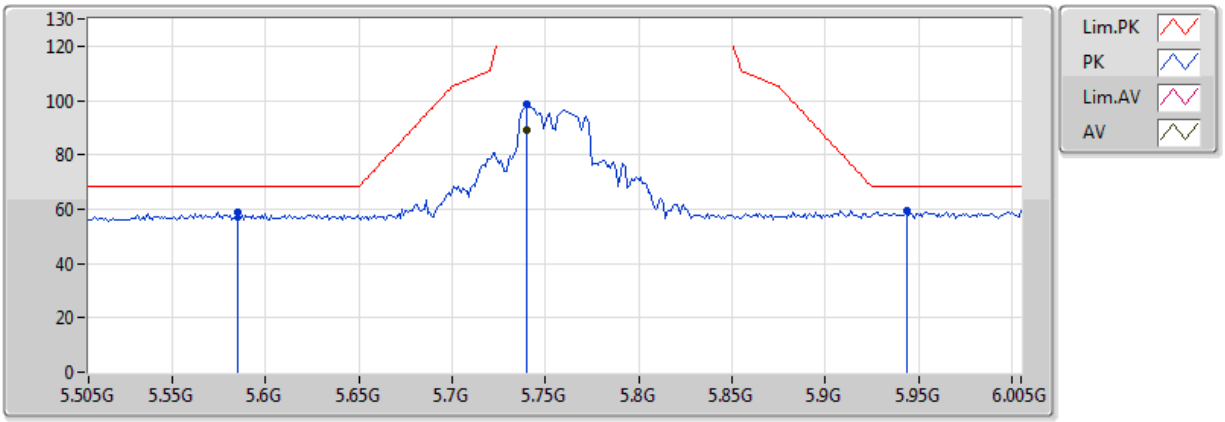


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.745G	97.06	Inf	-Inf	6.32	3	V	165	1.58	-
PK	5.648G	59.69	68.20	-8.51	6.18	3	V	165	1.58	-
PK	5.744G	106.06	Inf	-Inf	6.32	3	V	165	1.58	-
PK	5.975G	59.36	68.20	-8.84	7.43	3	V	165	1.58	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

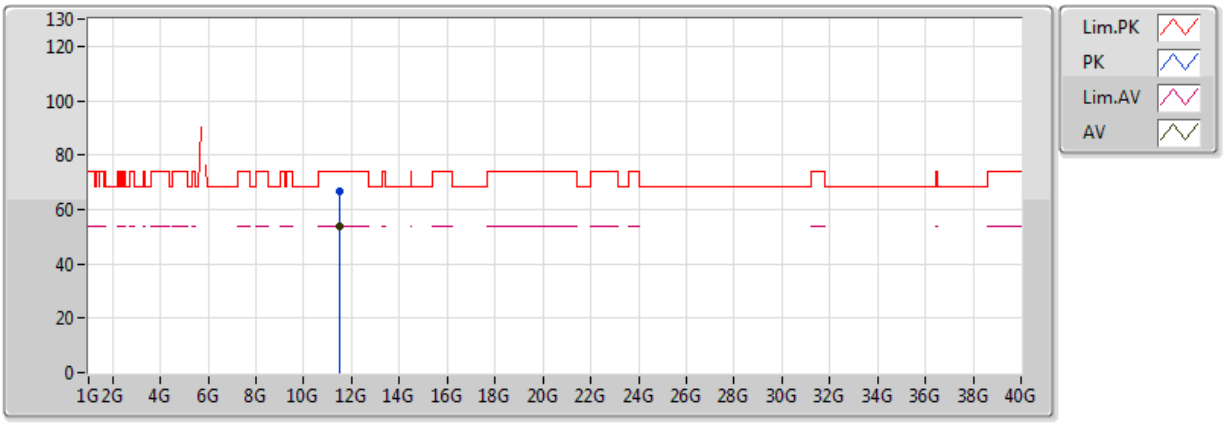


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.74G	89.06	Inf	-Inf	6.31	3	H	293	1.50	-
PK	5.585G	58.72	68.20	-9.48	6.04	3	H	293	1.50	-
PK	5.74G	98.35	Inf	-Inf	6.31	3	H	293	1.50	-
PK	5.944G	59.37	68.20	-8.83	7.25	3	H	293	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

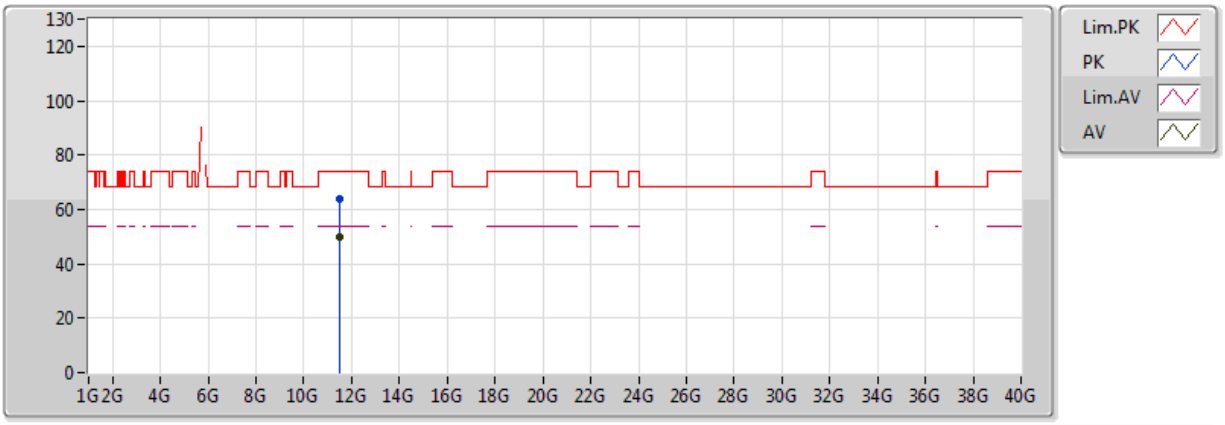


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51352G	53.83	54.00	-0.17	15.84	3	V	97	2.19	-
PK	11.51036G	66.67	74.00	-7.33	15.83	3	V	97	2.19	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

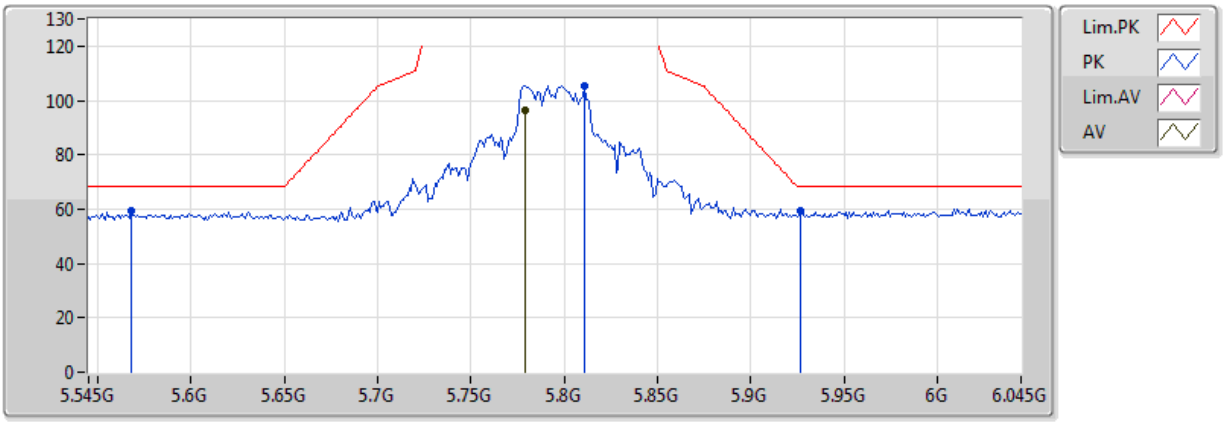


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5124G	49.93	54.00	-4.07	15.84	3	H	4	2.25	-
PK	11.51484G	64.14	74.00	-9.86	15.84	3	H	4	2.25	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

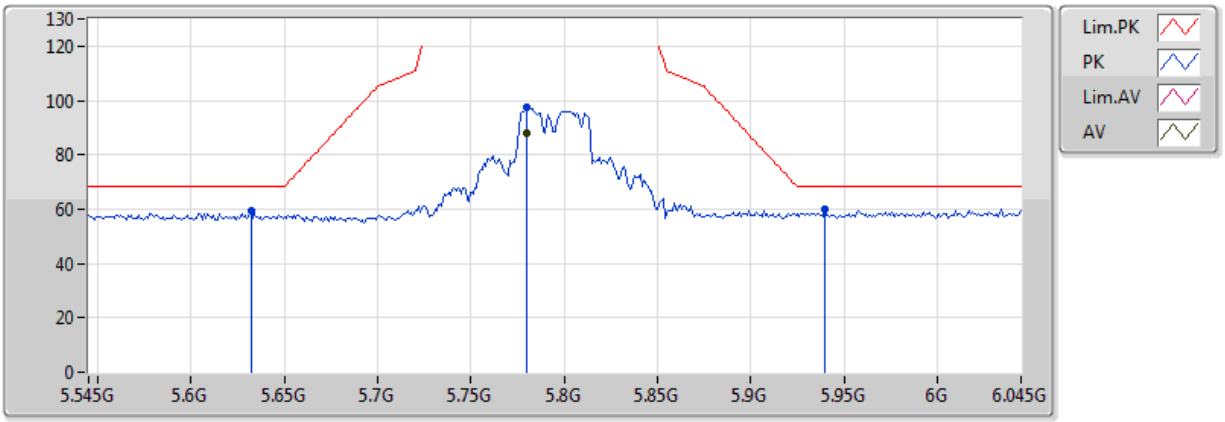


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.779G	96.29	Inf	-Inf	6.37	3	V	167	1.56	-
PK	5.568G	59.49	68.20	-8.71	5.94	3	V	167	1.56	-
PK	5.811G	105.47	Inf	-Inf	6.46	3	V	167	1.56	-
PK	5.927G	59.47	68.20	-8.73	7.15	3	V	167	1.56	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

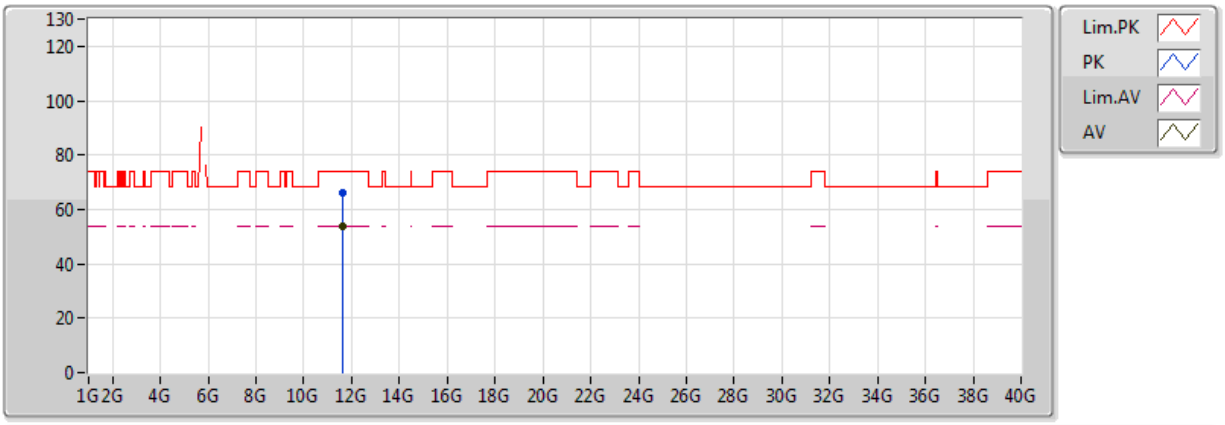


20170525
EUT Z_2TX
Setting 19
04-J-6-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.78G	88.08	Inf	-Inf	6.37	3	H	293	1.47	-
PK	5.632G	59.12	68.20	-9.08	6.16	3	H	293	1.47	-
PK	5.78G	97.28	Inf	-Inf	6.37	3	H	293	1.47	-
PK	5.94G	59.82	68.20	-8.38	7.23	3	H	293	1.47	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

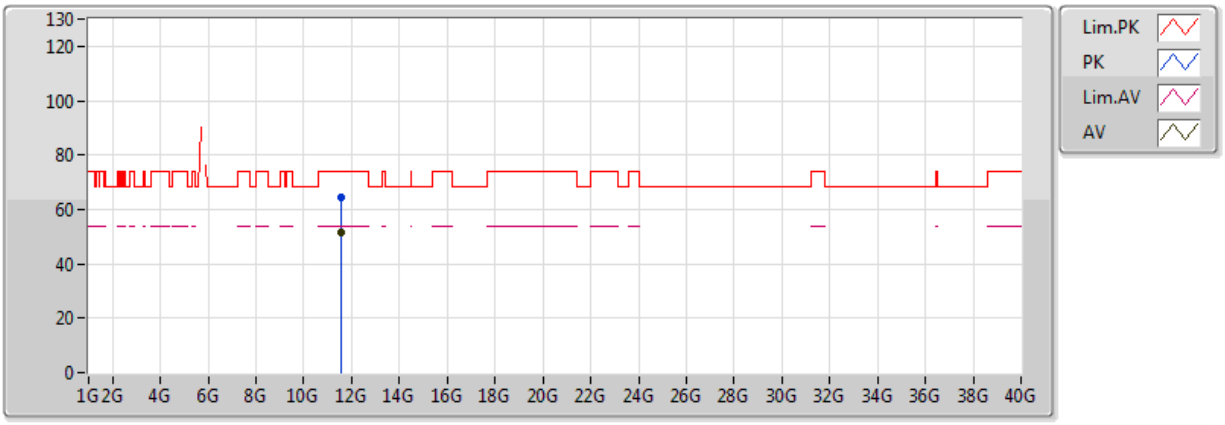


20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59444G	53.97	54.00	-0.03	15.87	3	V	296	2.18	-
PK	11.59484G	65.97	74.00	-8.03	15.87	3	V	296	2.18	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX



20170525
EUT Z_2TX
Setting 19
04-J-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59188G	51.28	54.00	-2.72	15.87	3	H	294	2.32	-
PK	11.59024G	64.16	74.00	-9.84	15.87	3	H	294	2.32	-

Mode: 20 MHz / Port 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9628	5199.9620	5199.9614	5199.9608
110.00	5199.9622	5199.9612	5199.9609	5199.9601
93.50	5199.9612	5199.9607	5199.9601	5199.9599
Max. Deviation (MHz)	0.0388	0.0393	0.0399	0.0401
Max. Deviation (ppm)	7.46	7.56	7.67	7.71
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-30	5199.9572	5199.9568	5199.9561	5199.9560
-20	5199.9583	5199.9580	5199.9570	5199.9562
-10	5199.9584	5199.9579	5199.9572	5199.9567
0	5199.9595	5199.9587	5199.9585	5199.9578
10	5199.9606	5199.9597	5199.9594	5199.9589
20	5199.9622	5199.9614	5199.9612	5199.9608
30	5199.9643	5199.9638	5199.9629	5199.9627
40	5199.9656	5199.9649	5199.9640	5199.9637
50	5199.9664	5199.9654	5199.9651	5199.9643
Max. Deviation (MHz)	0.0428	0.0432	0.0439	0.0440
Max. Deviation (ppm)	8.23	8.31	8.44	8.46
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5299.9623	5299.9621	5299.9618	5299.9611
110.00	5299.9622	5299.9614	5299.9604	5299.9596
93.50	5299.9619	5299.9612	5299.9607	5299.9602
Max. Deviation (MHz)	0.0381	0.0388	0.0396	0.0404
Max. Deviation (ppm)	7.19	7.32	7.47	7.62
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-30	5299.9590	5299.9589	5299.9582	5299.9577
-20	5299.9596	5299.9589	5299.9586	5299.9583
-10	5299.9604	5299.9595	5299.9588	5299.9583
0	5299.9608	5299.9602	5299.9592	5299.9585
10	5299.9613	5299.9609	5299.9604	5299.9595
20	5299.9622	5299.9618	5299.9617	5299.9608
30	5299.9643	5299.9640	5299.9634	5299.9627
40	5299.9662	5299.9658	5299.9656	5299.9647
50	5299.9675	5299.9669	5299.9664	5299.9657
Max. Deviation (MHz)	0.0410	0.0411	0.0418	0.0423
Max. Deviation (ppm)	7.74	7.75	7.89	7.98
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5579.9626	5579.9617	5579.9611	5579.9604
110.00	5579.9622	5579.9616	5579.9611	5579.9606
93.50	5579.9617	5579.9616	5579.9614	5579.9613
Max. Deviation (MHz)	0.0383	0.0384	0.0389	0.0396
Max. Deviation (ppm)	6.86	6.88	6.97	7.10
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-30	5579.9550	5579.9547	5579.9540	5579.9534
-20	5579.9570	5579.9563	5579.9560	5579.9551
-10	5579.9586	5579.9585	5579.9579	5579.9577
0	5579.9599	5579.9593	5579.9588	5579.9579
10	5579.9610	5579.9608	5579.9605	5579.9599
20	5579.9622	5579.9616	5579.9615	5579.9608
30	5579.9643	5579.9641	5579.9640	5579.9633
40	5579.9652	5579.9649	5579.9646	5579.9641
50	5579.9671	5579.9669	5579.9667	5579.9663
Max. Deviation (MHz)	0.0450	0.0453	0.0460	0.0466
Max. Deviation (ppm)	8.06	8.12	8.24	8.35
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9624	5784.9623	5784.9619	5784.9618
110.00	5784.9622	5784.9617	5784.9612	5784.9606
93.50	5784.9615	5784.9611	5784.9605	5784.9600
Max. Deviation (MHz)	0.0385	0.0389	0.0395	0.0400
Max. Deviation (ppm)	6.66	6.72	6.83	6.91
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-30	5784.9564	5784.9555	5784.9554	5784.9544
-20	5784.9569	5784.9565	5784.9558	5784.9554
-10	5784.9576	5784.9572	5784.9569	5784.9559
0	5784.9591	5784.9581	5784.9576	5784.9569
10	5784.9606	5784.9598	5784.9595	5784.9589
20	5784.9622	5784.9616	5784.9606	5784.9604
30	5784.9643	5784.9639	5784.9633	5784.9627
40	5784.9653	5784.9644	5784.9643	5784.9634
50	5784.9659	5784.9649	5784.9641	5784.9636
Max. Deviation (MHz)	0.0436	0.0445	0.0446	0.0456
Max. Deviation (ppm)	7.54	7.69	7.71	7.88
Result	Pass			

Mode: 40 MHz / Port 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9626	5189.9623	5189.9615	5189.9612
110.00	5189.9622	5189.9619	5189.9613	5189.9604
93.50	5189.9616	5189.9614	5189.9613	5189.9605
Max. Deviation (MHz)	0.0384	0.0386	0.0387	0.0396
Max. Deviation (ppm)	7.40	7.44	7.46	7.63
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-30	5189.9580	5189.9578	5189.9576	5189.9575
-20	5189.9583	5189.9582	5189.9579	5189.9577
-10	5189.9587	5189.9582	5189.9580	5189.9575
0	5189.9589	5189.9579	5189.9575	5189.9572
10	5189.9608	5189.9605	5189.9604	5189.9598
20	5189.9622	5189.9621	5189.9620	5189.9610
30	5189.9643	5189.9641	5189.9634	5189.9627
40	5189.9644	5189.9641	5189.9635	5189.9628
50	5189.9661	5189.9653	5189.9651	5189.9647
Max. Deviation (MHz)	0.0420	0.0422	0.0425	0.0428
Max. Deviation (ppm)	8.09	8.13	8.19	8.25
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5309.9627	5309.9626	5309.9619	5309.9611
110.00	5309.9622	5309.9620	5309.9614	5309.9613
93.50	5309.9621	5309.9618	5309.9611	5309.9603
Max. Deviation (MHz)	0.0379	0.0382	0.0389	0.0397
Max. Deviation (ppm)	7.14	7.19	7.33	7.48
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-30	5309.9573	5309.9568	5309.9562	5309.9554
-20	5309.9576	5309.9574	5309.9568	5309.9566
-10	5309.9582	5309.9580	5309.9577	5309.9567
0	5309.9601	5309.9598	5309.9592	5309.9584
10	5309.9609	5309.9607	5309.9603	5309.9598
20	5309.9622	5309.9612	5309.9608	5309.9600
30	5309.9643	5309.9633	5309.9626	5309.9620
40	5309.9654	5309.9653	5309.9647	5309.9644
50	5309.9655	5309.9646	5309.9642	5309.9633
Max. Deviation (MHz)	0.0427	0.0432	0.0438	0.0446
Max. Deviation (ppm)	8.04	8.14	8.25	8.40
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5549.9624	5549.9619	5549.9614	5549.9610
110.00	5549.9622	5549.9620	5549.9615	5549.9611
93.50	5549.9618	5549.9613	5549.9611	5549.9602
Max. Deviation (MHz)	0.0382	0.0387	0.0389	0.0398
Max. Deviation (ppm)	6.88	6.97	7.01	7.17
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-30	5549.9596	5549.9593	5549.9590	5549.9589
-20	5549.9598	5549.9591	5549.9582	5549.9573
-10	5549.9604	5549.9599	5549.9591	5549.9589
0	5549.9606	5549.9598	5549.9596	5549.9590
10	5549.9610	5549.9606	5549.9602	5549.9593
20	5549.9622	5549.9618	5549.9616	5549.9606
30	5549.9643	5549.9638	5549.9628	5549.9621
40	5549.9650	5549.9647	5549.9644	5549.9638
50	5549.9662	5549.9656	5549.9647	5549.9640
Max. Deviation (MHz)	0.0404	0.0409	0.0418	0.0427
Max. Deviation (ppm)	7.28	7.37	7.53	7.69
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9627	5754.9621	5754.9614	5754.9604
110.00	5754.9622	5754.9619	5754.9612	5754.9605
93.50	5754.9618	5754.9616	5754.9610	5754.9602
Max. Deviation (MHz)	0.0382	0.0384	0.0390	0.0398
Max. Deviation (ppm)	6.64	6.67	6.78	6.92
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-30	5754.9560	5754.9552	5754.9549	5754.9544
-20	5754.9572	5754.9571	5754.9562	5754.9556
-10	5754.9585	5754.9582	5754.9574	5754.9567
0	5754.9602	5754.9593	5754.9589	5754.9582
10	5754.9611	5754.9605	5754.9596	5754.9594
20	5754.9622	5754.9618	5754.9609	5754.9606
30	5754.9643	5754.9635	5754.9633	5754.9630
40	5754.9662	5754.9654	5754.9648	5754.9641
50	5754.9671	5754.9665	5754.9661	5754.9660
Max. Deviation (MHz)	0.0440	0.0448	0.0451	0.0456
Max. Deviation (ppm)	7.65	7.78	7.84	7.92
Result	Pass			