FCC Test Report

Equipment	:	Wi-Fi Repeater
Brand Name	:	Hughes
Model No.	:	RE2000
FCC ID	:	RAXWE410443
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5250 MHz – 5350 MHz 5470 MHz – 5725 MHz
Applicant	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Manufacturer	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Function	:	☐ Outdoor; ☒ Indoor; ☐ Fixed P2P ☐ Client
TPC Function	:	☒ With TPC ☐ Without TPC

The product sample received on Mar. 09, 2017 and completely tested on May 24, 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

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Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR730945-01	Rev. 01	Initial issue of report	Dec. 28, 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
5250-5350	a, n (HT20), ac (VHT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM 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.	Chain		Brand	Part No.	Type	Connector	Gain (dBi)	
	2.4GHz	5GHz					2.4GHz	5GHz
1	1	4	Arcadyan	120800035600J	PCB Dipole	I-PEX	3.28	3.55
2	2	3	Arcadyan	120800035900J	PCB Dipole	I-PEX	3.28	3.55
3	3	2	Arcadyan	120800035700J	PCB Dipole	I-PEX	3.28	3.55
4	4	1	Arcadyan	120800035800J	PCB Dipole	I-PEX	3.28	3.55

Note: The EUT has four antennas.

For 2.4GHz function:

Chain 1 ~ Chain 4 connect to port 1 ~ port 4

For IEEE 802.11b/g/n/ac mode (4TX/4RX)

Chain 1, Chain 2, Chain 3 and Chain 4 could transmit/receive simultaneously.

For 5GHz function:

Chain 1 ~ Chain 4 connect to port 1 ~ port 4

For IEEE 802.11a/n/ac mode (4TX/4RX)

Chain 1, Chain 2, Chain 3 and Chain 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.818	0.872	1.4m	1k
802.11ac VHT20	0.811	0.91	1.32m	1k
802.11ac VHT20-BF	0.99	0.044	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.668	1.752	650u	3k
802.11ac VHT40-BF	0.991	0.039	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT80	0.476	3.224	320u	10k
802.11ac VHT80-BF	0.996	0.017	n/a (DC>=0.98)	n/a (DC>=0.98)

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming for IEEE 802 11n/ac in 2.4GHz/5GHz	☐	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Test Software Version	MT7615 QA 0.0.1.63			

1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR730945

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

Description	Performance Checking
Adding 5GHz Band 2 and Band 3 (5250~5350MHz, 5470~5725MHz)	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emission 5. Frequency Stability

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 v02r01
- 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	Peter Wu	23°C / 58%	May 23, 2017
Radiated	03CH01-CB	Paul Chen	22C / 54%	May 19, 2017~May 24, 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
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)_4TX	-
5260MHz	13
5300MHz	13
5320MHz	13
5500MHz	16
5580MHz	16
5700MHz	12
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	14
5300MHz	14
5320MHz	1A
5500MHz	19
5580MHz	19
5700MHz	14
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	1A
5310MHz	1A
5510MHz	1C
5550MHz	1D
5670MHz	1C
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	16
5530MHz	17
5610MHz	21
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	21(15)
5300MHz	21(15)
5320MHz	21(15)
5500MHz	25(19)
5580MHz	25(19)
5700MHz	21(15)
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	22(16)
5310MHz	22(16)
5510MHz	24(18)
5550MHz	26(1A)
5670MHz	25(19)
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-

Mode	Power Setting
5290MHz	18(12)
5530MHz	19(13)
5610MHz	26(1A)

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- There are two modes of EUT for 802.11n/ac in 2.4GHz/5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.

2.2 The Worst Case Measurement Configuration

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	CTX
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	2.4GHz WLAN + 5GHz WLAN
Refer to Sporton Test Report No.: FA730945-01 for Co-location RF Exposure Evaluation.	

Note 1: The EUT can only be used at Y axis position.
Note 2: The EUT supports AP/Repeater, only AP mode (Master mode) mode has been tested and recorded in this test report.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	APD	WB-18D12FU	INPUT: 100-240V ~ 50-60Hz, 0.5A Max. OUTPUT: 12V, 1.5A

2.5 Support Equipment

For Test Site No: 03CH01-CB
Non-beamforming Mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

Beamforming Mode

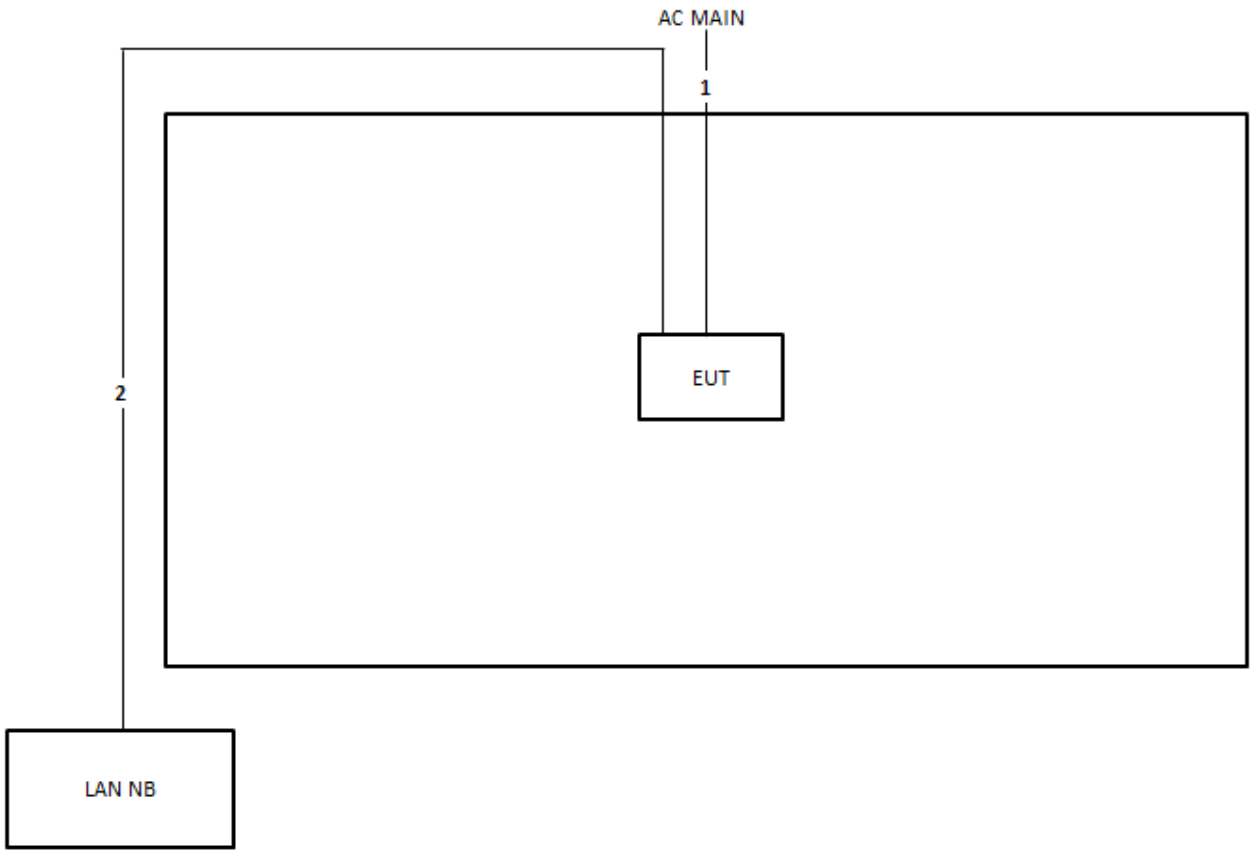
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	DoC
2	RX Device	Hughes	RE2000	RAXWE410443

For Test Site No: TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

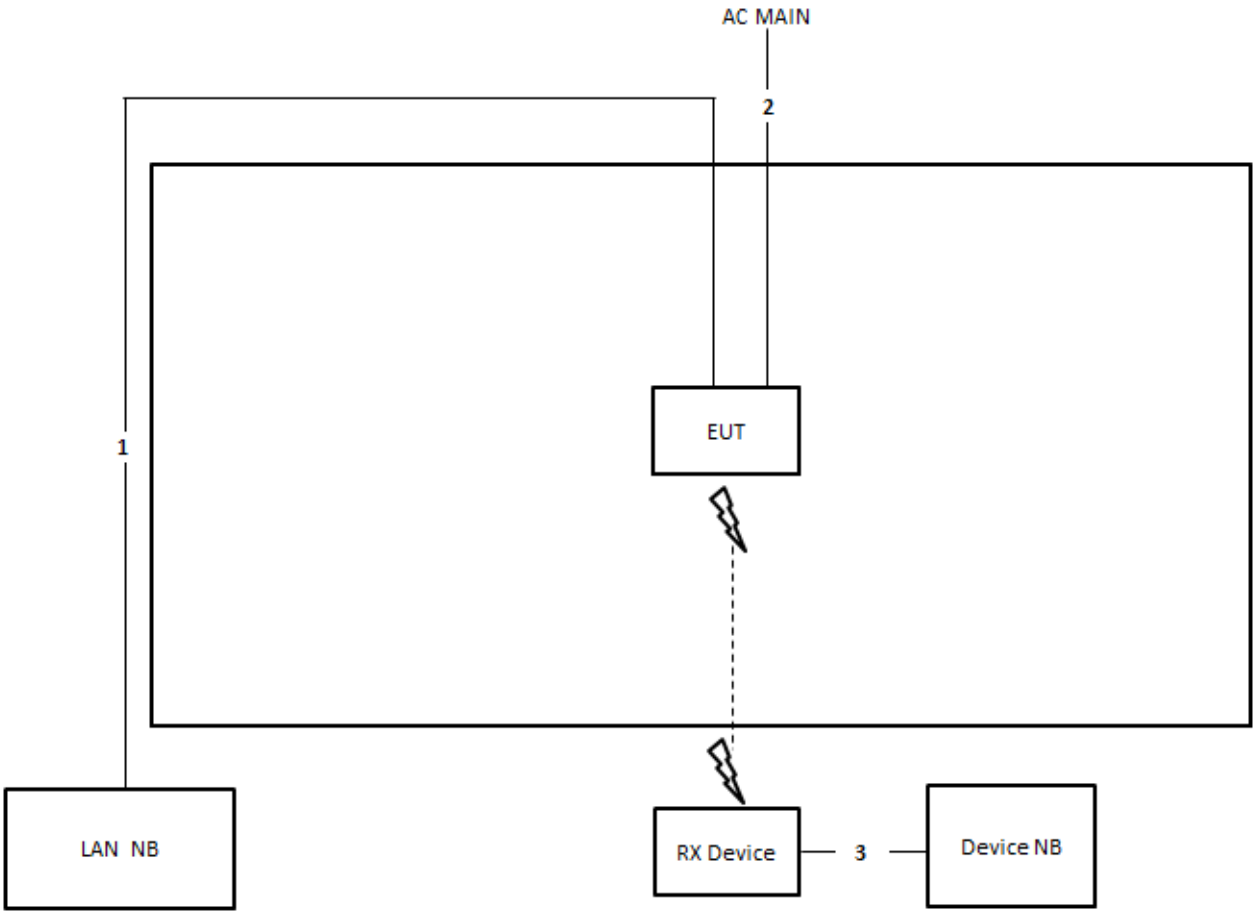
2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test > 1GHz
Non-beamforming Mode



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

Test Setup Diagram - Radiated Test > 1GHz
Beamforming Mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m
3	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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.

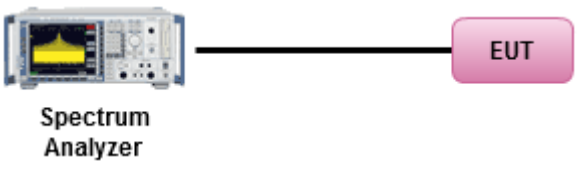
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 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.	

3.2.2 Measuring Instruments

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

3.2.3 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]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 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.	

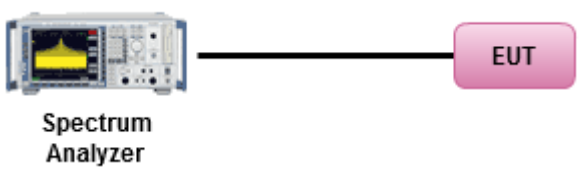
3.3.2 Measuring Instruments

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

3.3.3 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]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 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.

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

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).

3.4.2 Measuring Instruments

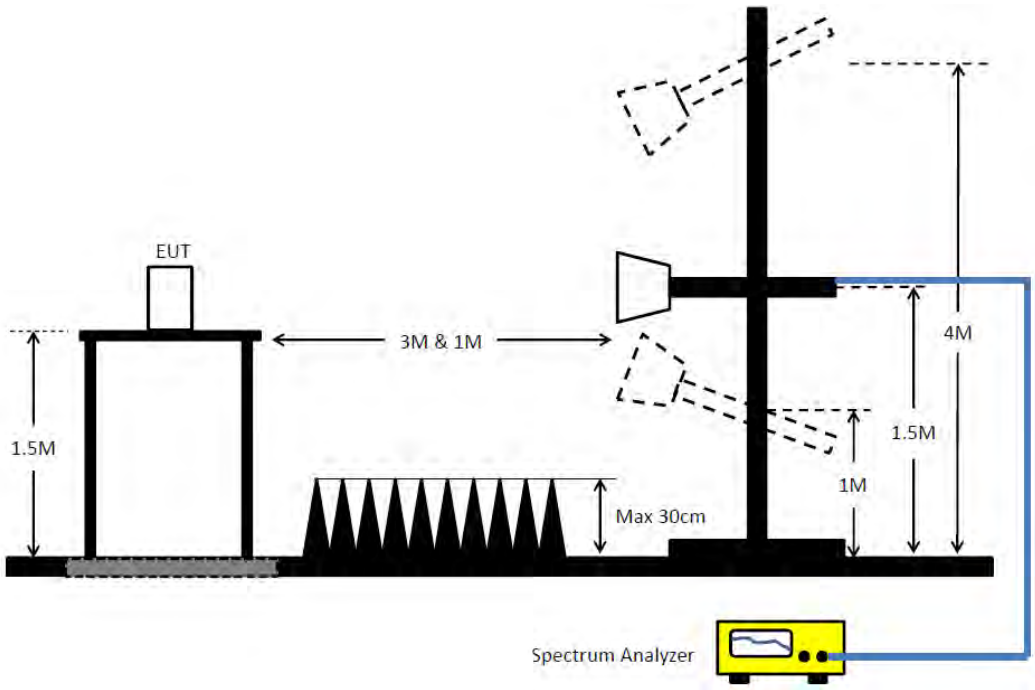
Refer a test equipment and calibration data table in this test report.

3.4.3 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.		

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.5 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Frequency Stability

3.5.1 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.

3.5.2 Measuring Instruments

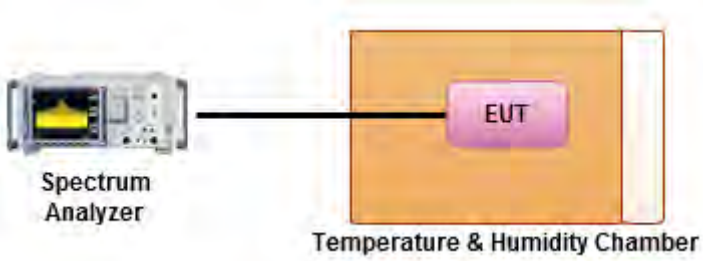
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
▪ Refer as 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 0℃~40℃.

3.5.4 Test Setup

Frequency Stability



3.5.5 Test Result of Frequency Stability

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Nov. 09, 2017	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 25, 2016	Jul. 24, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jun. 28, 2016	Jun. 27, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 25, 2017	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Jun. 02, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Nov. 21, 2017	Conducted (TH01-CB)

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_4TX	-	-	-	-	-
5.25-5.35GHz	20.2M	16.392M	16M4D1D	19.625M	16.342M
5.47-5.725GHz	20.2M	16.392M	16M4D1D	19.675M	16.342M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-
5.25-5.35GHz	20.5M	17.591M	17M6D1D	19.8M	17.516M
5.47-5.725GHz	20.4M	17.591M	17M6D1D	19.875M	17.491M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-
5.25-5.35GHz	41.15M	35.982M	36M0D1D	39.75M	35.882M
5.47-5.725GHz	41M	36.082M	36M1D1D	39.75M	35.832M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-
5.25-5.35GHz	81.3M	75.162M	75M2D1D	79.6M	74.863M
5.47-5.725GHz	90.1M	75.362M	75M4D1D	79.1M	74.663M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-
5.25-5.35GHz	20.475M	17.566M	17M6D1D	19.825M	17.491M
5.47-5.725GHz	20.475M	17.591M	17M6D1D	19.825M	17.516M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-
5.25-5.35GHz	40.7M	35.982M	36M0D1D	39.75M	35.882M
5.47-5.725GHz	40.55M	36.082M	36M1D1D	40M	35.832M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-
5.25-5.35GHz	80.9M	75.362M	75M4D1D	79.2M	74.963M
5.47-5.725GHz	81.1M	75.162M	75M2D1D	79.2M	74.963M

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

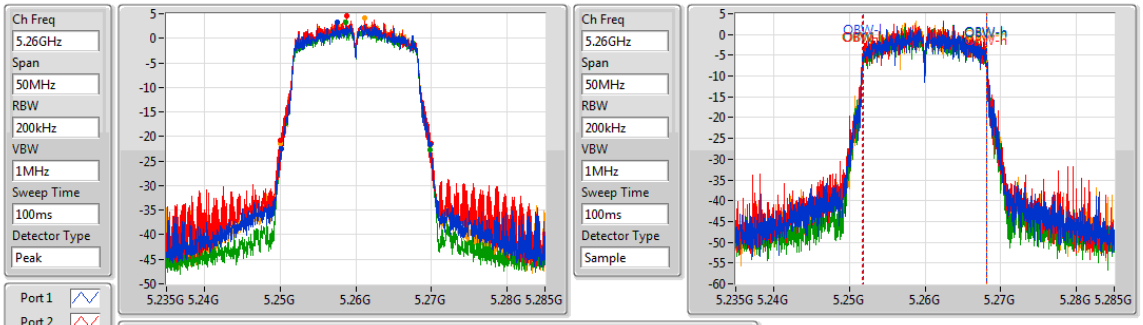
Mode	Result	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	19.675M	16.367M	19.9M	16.342M	19.7M	16.342M	19.7M	16.342M
5300MHz	Pass	19.8M	16.392M	20.2M	16.342M	19.85M	16.367M	19.775M	16.342M
5320MHz	Pass	19.75M	16.367M	20.1M	16.367M	19.85M	16.367M	19.625M	16.367M
5500MHz	Pass	19.7M	16.392M	19.925M	16.367M	19.825M	16.392M	19.775M	16.342M
5580MHz	Pass	19.725M	16.392M	20.2M	16.342M	19.775M	16.367M	19.825M	16.342M
5700MHz	Pass	19.7M	16.367M	20.2M	16.342M	19.675M	16.392M	19.7M	16.392M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	20.35M	17.591M	19.875M	17.541M	19.8M	17.541M	20.325M	17.591M
5300MHz	Pass	20.3M	17.566M	19.9M	17.516M	19.8M	17.541M	20.5M	17.541M
5320MHz	Pass	20.35M	17.516M	19.95M	17.541M	19.85M	17.541M	20.4M	17.516M
5500MHz	Pass	20.3M	17.491M	19.9M	17.591M	19.925M	17.541M	20.35M	17.566M
5580MHz	Pass	20.35M	17.566M	19.875M	17.541M	19.875M	17.541M	20.4M	17.566M
5700MHz	Pass	20M	17.566M	19.9M	17.491M	19.9M	17.516M	20M	17.566M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	40M	35.982M	40.85M	35.932M	39.75M	35.882M	41.15M	35.882M
5310MHz	Pass	40.4M	35.932M	40.35M	35.982M	39.85M	35.932M	41M	35.982M
5510MHz	Pass	40.4M	35.832M	40.3M	35.932M	39.75M	35.982M	40.35M	36.032M
5550MHz	Pass	40.2M	35.882M	40.25M	35.932M	39.85M	35.982M	41M	35.982M
5670MHz	Pass	40.35M	36.082M	40M	35.832M	39.95M	35.882M	40.6M	36.032M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	79.7M	74.963M	80M	75.162M	79.6M	74.863M	81.3M	75.162M
5530MHz	Pass	79.7M	74.863M	80.1M	75.262M	79.1M	74.663M	80.8M	74.863M
5610MHz	Pass	82.5M	75.362M	80.4M	75.362M	89.6M	75.162M	90.1M	75.162M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	20.225M	17.541M	19.9M	17.516M	19.825M	17.566M	20.4M	17.541M
5300MHz	Pass	20.275M	17.541M	19.9M	17.491M	19.95M	17.541M	20.475M	17.541M
5320MHz	Pass	20M	17.541M	19.875M	17.491M	19.9M	17.541M	20.3M	17.566M
5500MHz	Pass	20.3M	17.541M	19.825M	17.566M	19.875M	17.516M	20.4M	17.516M
5580MHz	Pass	20.3M	17.566M	19.9M	17.591M	19.825M	17.541M	20.4M	17.566M
5700MHz	Pass	20.3M	17.516M	19.95M	17.591M	20M	17.566M	20.475M	17.516M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	40.1M	35.982M	40M	35.882M	39.8M	35.882M	40.65M	35.932M
5310MHz	Pass	40.2M	35.932M	40.7M	35.982M	39.75M	35.982M	40.6M	35.932M
5510MHz	Pass	40.15M	35.982M	40M	35.982M	40.1M	35.882M	40.3M	35.932M
5550MHz	Pass	40.05M	35.882M	40.2M	36.032M	40M	35.932M	40.4M	35.982M
5670MHz	Pass	40.2M	36.082M	40M	35.882M	40.1M	35.932M	40.55M	35.832M
802.11ac	-	-	-	-	-	-	-	-	-

Mode	Result	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
VHT80-BF_Nss1,(MCS0)_4TX									
5290MHz	Pass	79.5M	75.062M	80M	75.362M	79.2M	74.963M	80.9M	75.062M
5530MHz	Pass	79.5M	74.963M	80.2M	75.162M	79.5M	74.963M	80.7M	75.162M
5610MHz	Pass	79.7M	74.963M	79.8M	75.162M	79.2M	74.963M	81.1M	74.963M

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)_4TX EBW

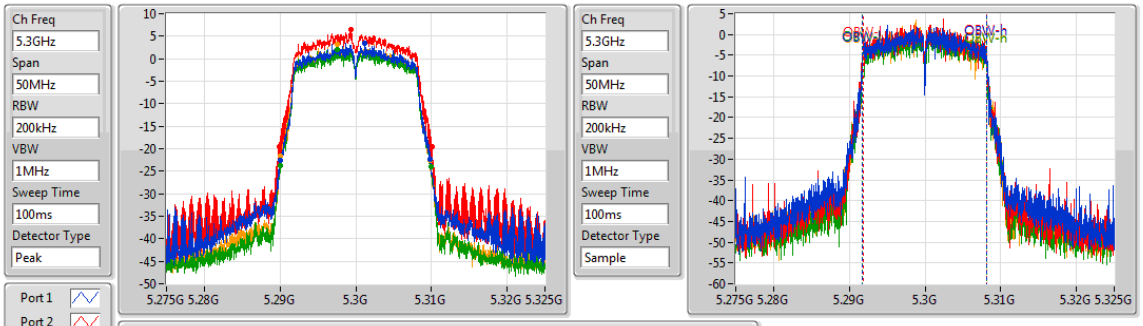
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.675M	5.250175G	5.26985G	16.367M	5.251804G	5.268171G	Inf	1
19.9M	5.250025G	5.269925G	16.342M	5.251779G	5.268121G	Inf	2
19.7M	5.250125G	5.269825G	16.342M	5.251804G	5.268146G	Inf	3
19.7M	5.250075G	5.269775G	16.342M	5.251804G	5.268146G	Inf	4

802.11a_(6Mbps)_4TX EBW

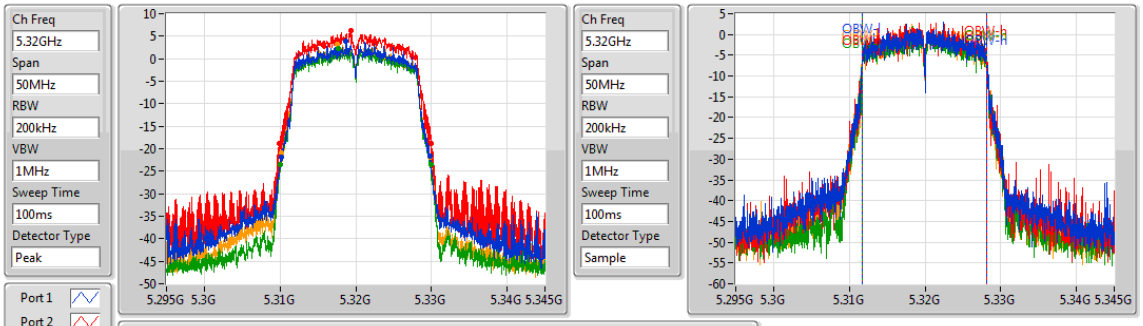
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.8M	5.290075G	5.309875G	16.392M	5.291779G	5.308171G	Inf	1
20.2M	5.289875G	5.310075G	16.342M	5.291804G	5.308146G	Inf	2
19.85M	5.29005G	5.3099G	16.367M	5.291779G	5.308146G	Inf	3
19.775M	5.290075G	5.30985G	16.342M	5.291804G	5.308146G	Inf	4

802.11a_(6Mbps)_4TX EBW

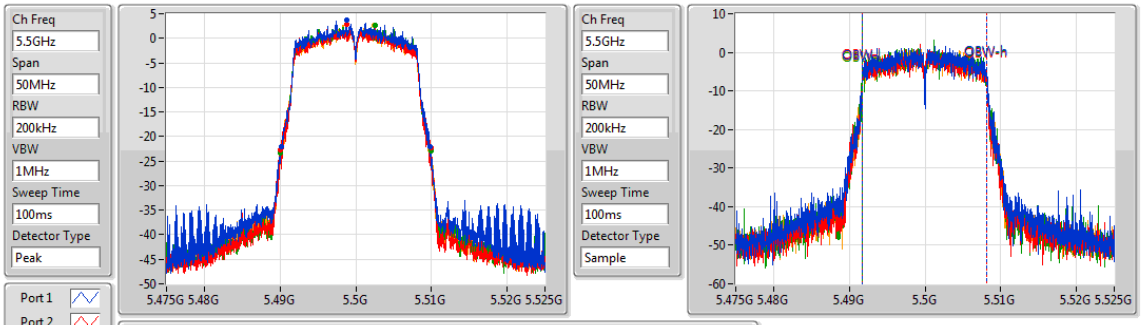
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.75M	5.310125G	5.329875G	16.367M	5.311779G	5.328146G	Inf	1
20.1M	5.3099G	5.33G	16.367M	5.311779G	5.328146G	Inf	2
19.85M	5.310075G	5.329925G	16.367M	5.311779G	5.328146G	Inf	3
19.625M	5.31015G	5.329775G	16.367M	5.311779G	5.328146G	Inf	4

802.11a_(6Mbps)_4TX **EBW**

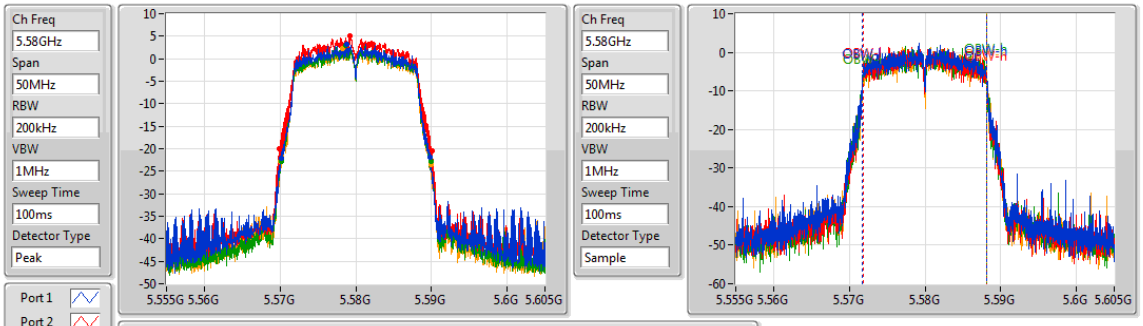
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.7M	5.490125G	5.509825G	16.392M	5.491779G	5.508171G	Inf	1
19.925M	5.49G	5.509925G	16.367M	5.491779G	5.508146G	Inf	2
19.825M	5.490075G	5.5099G	16.392M	5.491754G	5.508146G	Inf	3
19.775M	5.490025G	5.5098G	16.342M	5.491779G	5.508121G	Inf	4

802.11a_(6Mbps)_4TX **EBW**

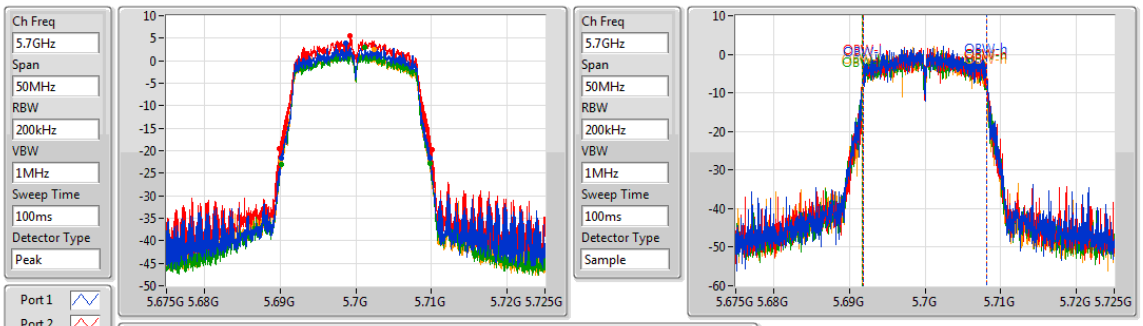
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.725M	5.570125G	5.58985G	16.392M	5.571779G	5.588171G	Inf	1
20.2M	5.5699G	5.5901G	16.342M	5.571804G	5.588146G	Inf	2
19.775M	5.570125G	5.5899G	16.367M	5.571804G	5.588171G	Inf	3
19.825M	5.5701G	5.589925G	16.342M	5.571804G	5.588146G	Inf	4

802.11a_(6Mbps)_4TX **EBW**

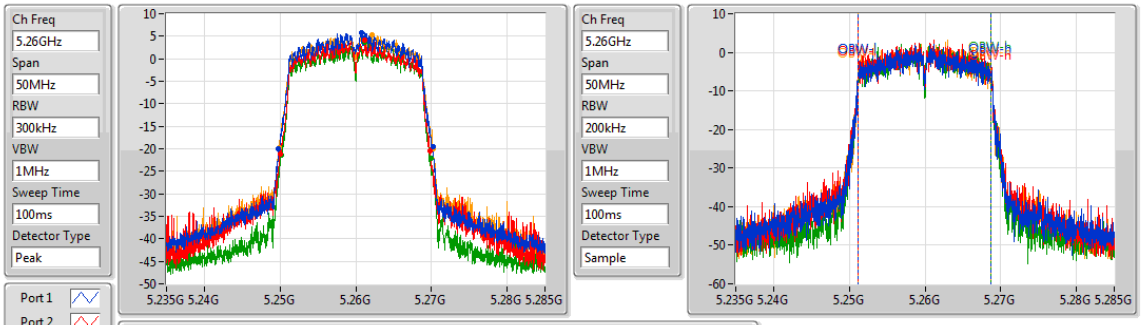
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.7M	5.690175G	5.709875G	16.367M	5.691804G	5.708171G	Inf	1
20.2M	5.6899G	5.7101G	16.342M	5.691804G	5.708146G	Inf	2
19.675M	5.69015G	5.709825G	16.392M	5.691779G	5.708171G	Inf	3
19.7M	5.6901G	5.7098G	16.392M	5.691754G	5.708146G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

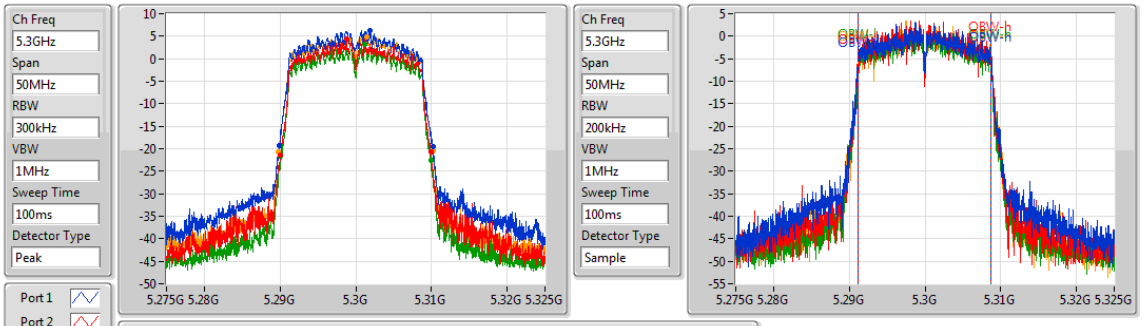
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.249825G	5.270175G	17.591M	5.251179G	5.268771G	Inf	1
19.875M	5.249975G	5.26985G	17.541M	5.251179G	5.268721G	Inf	2
19.8M	5.250125G	5.269925G	17.541M	5.251204G	5.268746G	Inf	3
20.325M	5.24985G	5.270175G	17.591M	5.251179G	5.268771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

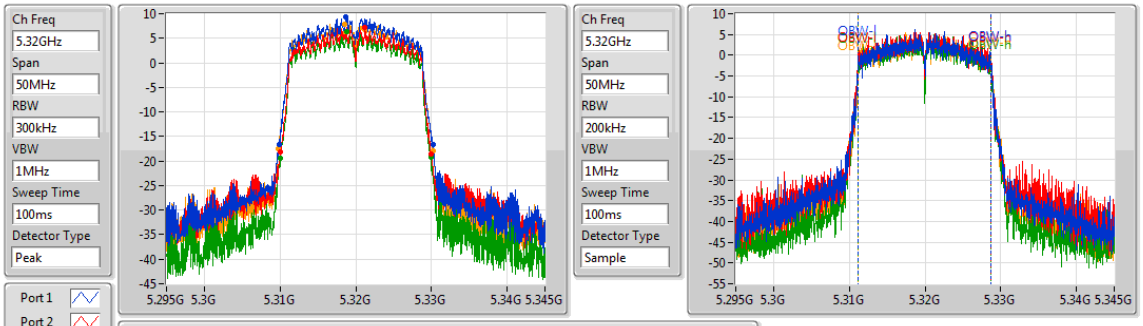
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.3M	5.289875G	5.310175G	17.566M	5.291179G	5.308746G	Inf	1
19.9M	5.29G	5.3099G	17.516M	5.291204G	5.308721G	Inf	2
19.8M	5.2901G	5.3099G	17.541M	5.291204G	5.308746G	Inf	3
20.5M	5.289775G	5.310275G	17.541M	5.291204G	5.308746G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

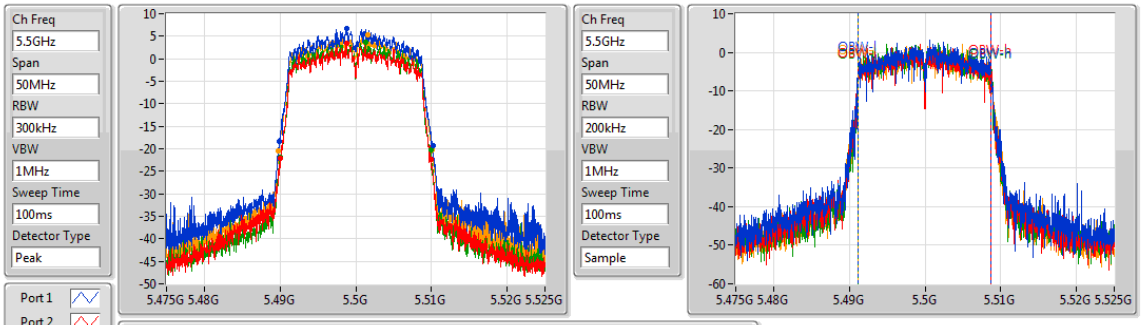
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.309875G	5.330225G	17.516M	5.311204G	5.328721G	Inf	1
19.95M	5.31G	5.32995G	17.541M	5.311204G	5.328746G	Inf	2
19.85M	5.310075G	5.329925G	17.541M	5.311179G	5.328721G	Inf	3
20.4M	5.3098G	5.3302G	17.516M	5.311204G	5.328721G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

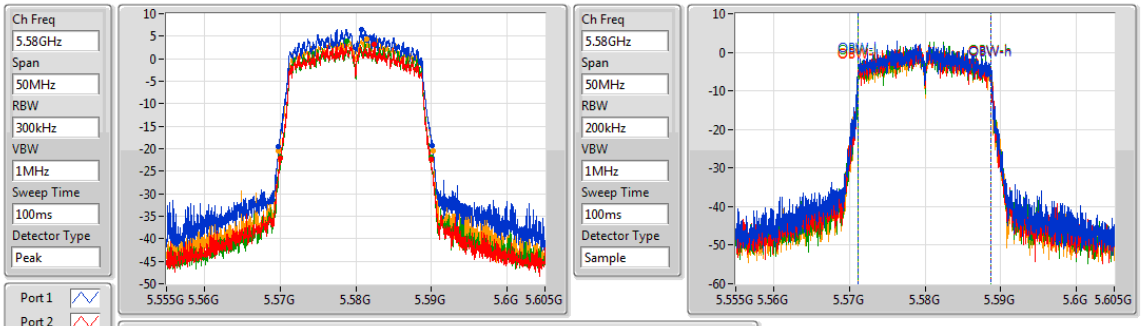
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.3M	5.4899G	5.5102G	17.491M	5.491204G	5.508696G	Inf	1
19.9M	5.490025G	5.509925G	17.591M	5.491179G	5.508771G	Inf	2
19.925M	5.49005G	5.509975G	17.541M	5.491204G	5.508746G	Inf	3
20.35M	5.4898G	5.51015G	17.566M	5.491204G	5.508771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

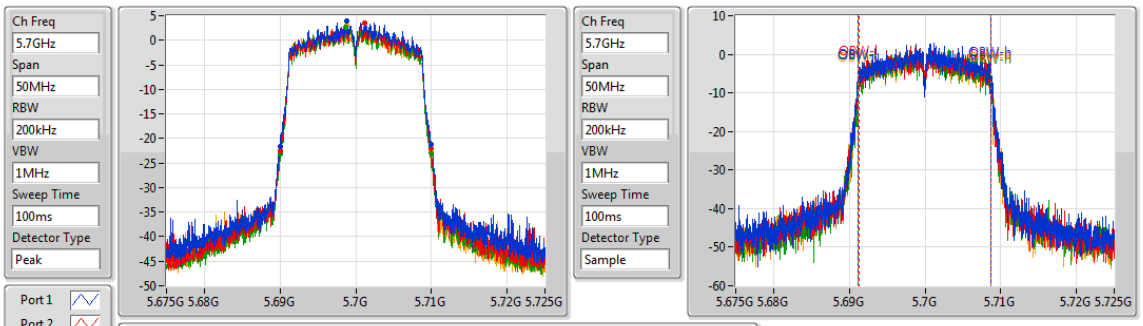
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.569775G	5.590125G	17.566M	5.571179G	5.588746G	Inf	1
19.875M	5.570025G	5.5899G	17.541M	5.571179G	5.588721G	Inf	2
19.875M	5.570075G	5.58995G	17.541M	5.571204G	5.588746G	Inf	3
20.4M	5.5698G	5.5902G	17.566M	5.571179G	5.588746G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

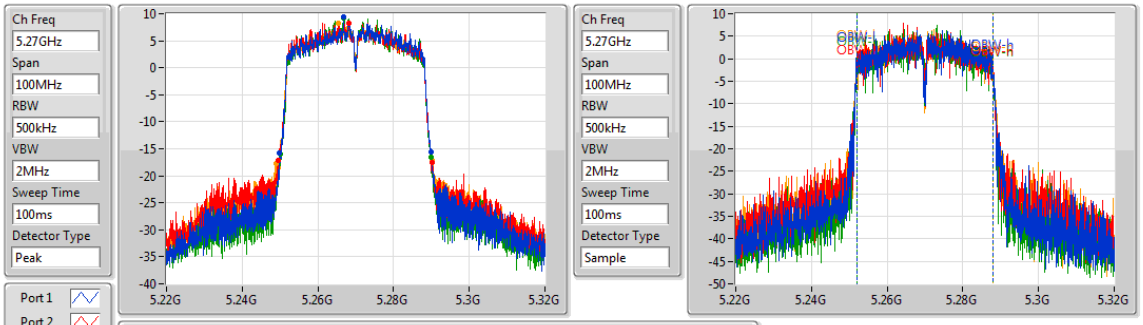
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20M	5.69G	5.71G	17.566M	5.691179G	5.708746G	Inf	1
19.9M	5.690025G	5.709925G	17.491M	5.691229G	5.708721G	Inf	2
19.9M	5.69G	5.7099G	17.516M	5.691204G	5.708721G	Inf	3
20M	5.689975G	5.709975G	17.566M	5.691179G	5.708746G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

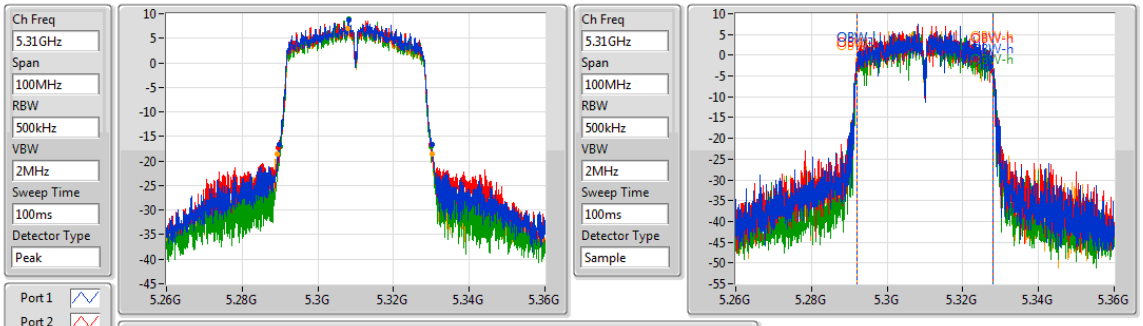
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.2499G	5.2899G	35.982M	5.251959G	5.287941G	Inf	1
40.85M	5.2494G	5.29025G	35.932M	5.251959G	5.287891G	Inf	2
39.75M	5.25015G	5.2899G	35.882M	5.252009G	5.287891G	Inf	3
41.15M	5.249G	5.29015G	35.882M	5.252009G	5.287891G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

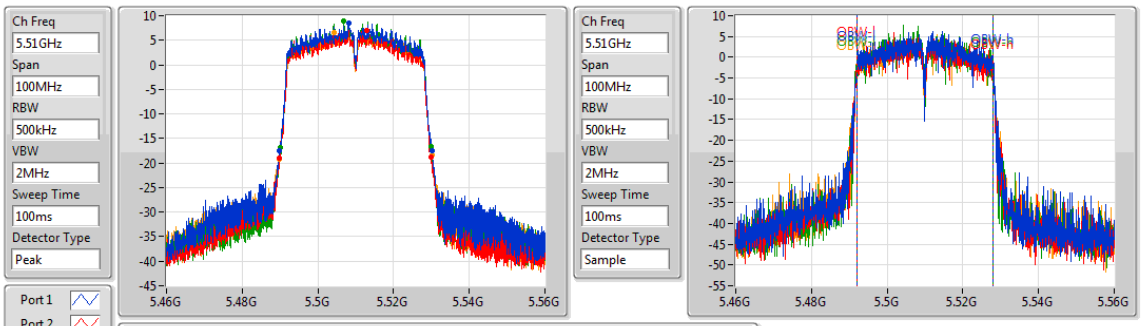
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.4M	5.2898G	5.3302G	35.932M	5.291959G	5.327891G	Inf	1
40.35M	5.28965G	5.33G	35.982M	5.291959G	5.327941G	Inf	2
39.85M	5.29005G	5.3299G	35.932M	5.291959G	5.327891G	Inf	3
41M	5.2893G	5.3303G	35.982M	5.291959G	5.327941G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

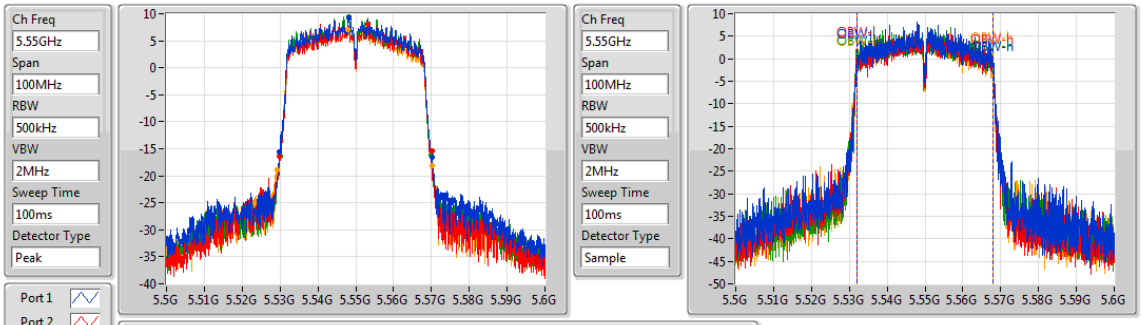
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.4M	5.4898G	5.5302G	35.832M	5.492059G	5.527891G	Inf	1
40.3M	5.4897G	5.53G	35.932M	5.491959G	5.527891G	Inf	2
39.75M	5.4901G	5.52985G	35.982M	5.491959G	5.527941G	Inf	3
40.35M	5.48975G	5.5301G	36.032M	5.491909G	5.527941G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

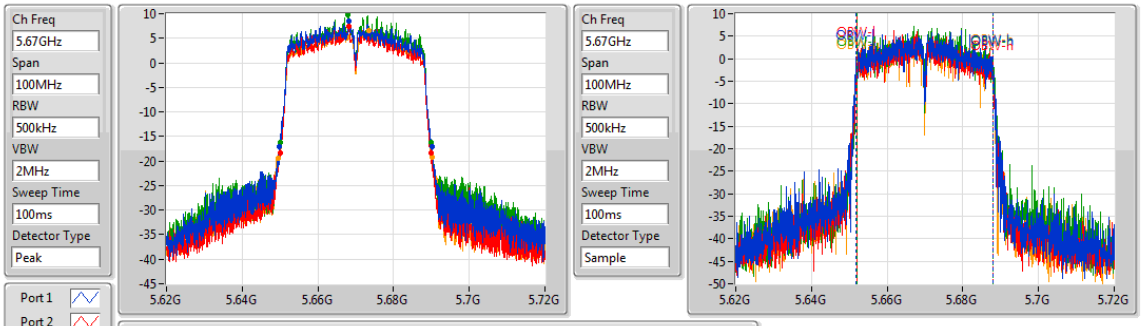
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.5299G	5.5701G	35.882M	5.532009G	5.567891G	Inf	1
40.25M	5.52985G	5.5701G	35.932M	5.531959G	5.567891G	Inf	2
39.85M	5.52995G	5.5698G	35.982M	5.531909G	5.567891G	Inf	3
41M	5.52915G	5.57015G	35.982M	5.531909G	5.567891G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

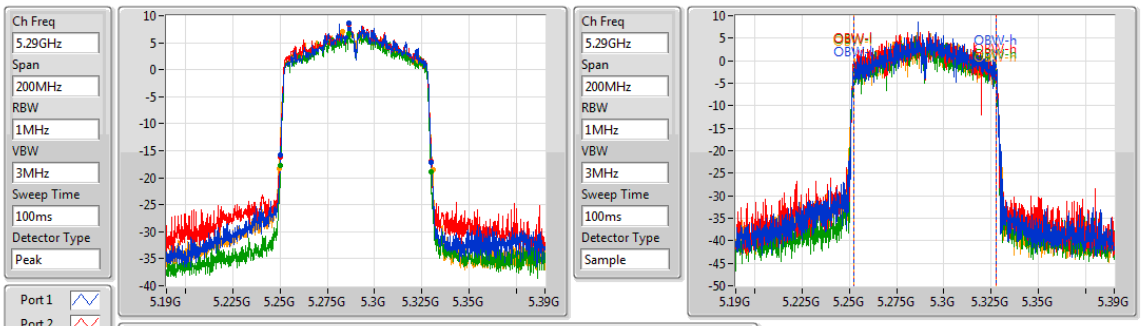
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.64975G	5.6901G	36.082M	5.651859G	5.687941G	Inf	1
40M	5.65G	5.69G	35.832M	5.652009G	5.687841G	Inf	2
39.95M	5.65G	5.68995G	35.882M	5.652059G	5.687941G	Inf	3
40.6M	5.6496G	5.6902G	36.032M	5.651909G	5.687941G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

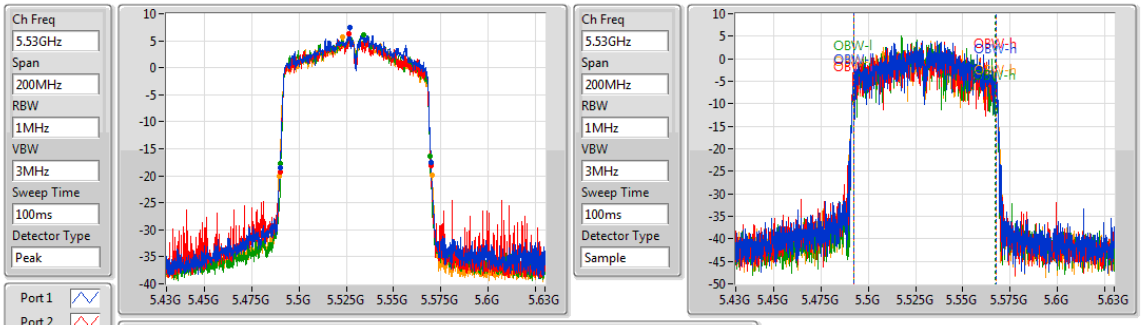
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.7M	5.2502G	5.3299G	74.963M	5.252519G	5.327481G	Inf	1
80M	5.25G	5.33G	75.162M	5.252219G	5.327381G	Inf	2
79.6M	5.2502G	5.3298G	74.863M	5.252519G	5.327381G	Inf	3
81.3M	5.2494G	5.3307G	75.162M	5.252319G	5.327481G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX **EBW**

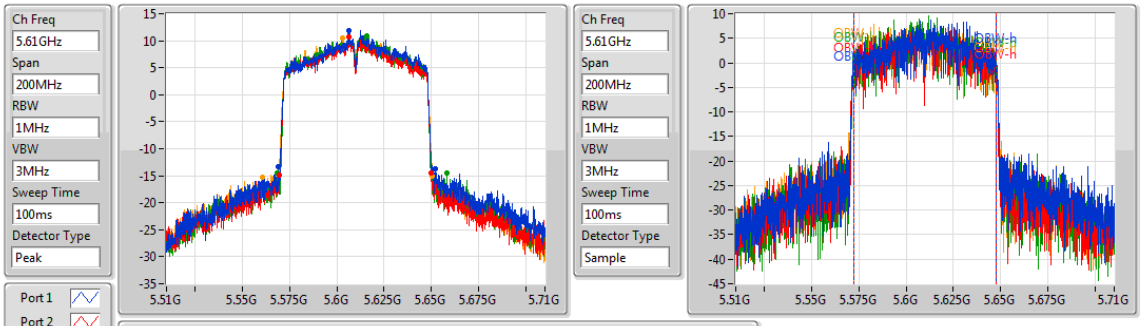
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.7M	5.4901G	5.5698G	74.863M	5.492519G	5.567381G	Inf	1
80.1M	5.4899G	5.57G	75.262M	5.492219G	5.567481G	Inf	2
79.1M	5.4903G	5.5694G	74.663M	5.492519G	5.567181G	Inf	3
80.8M	5.4894G	5.5702G	74.863M	5.492519G	5.567381G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX **EBW**

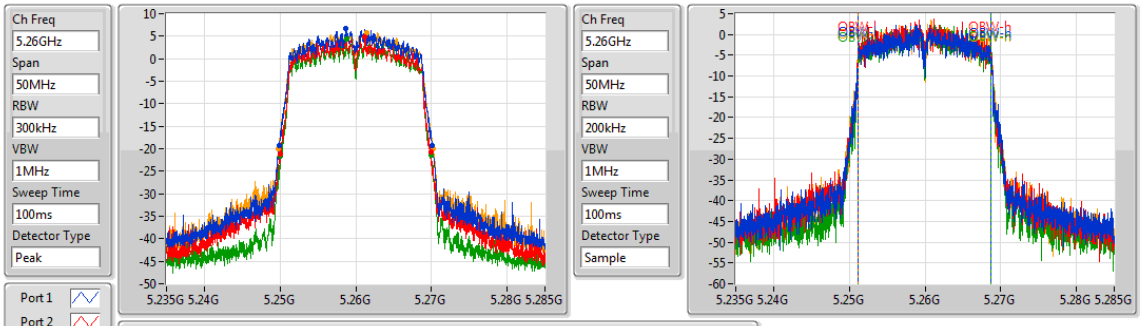
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.5693G	5.6518G	75.362M	5.572319G	5.647681G	Inf	1
80.4M	5.5696G	5.65G	75.362M	5.572219G	5.647581G	Inf	2
89.6M	5.5685G	5.6581G	75.162M	5.572319G	5.647481G	Inf	3
90.1M	5.5605G	5.6506G	75.162M	5.572219G	5.647381G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

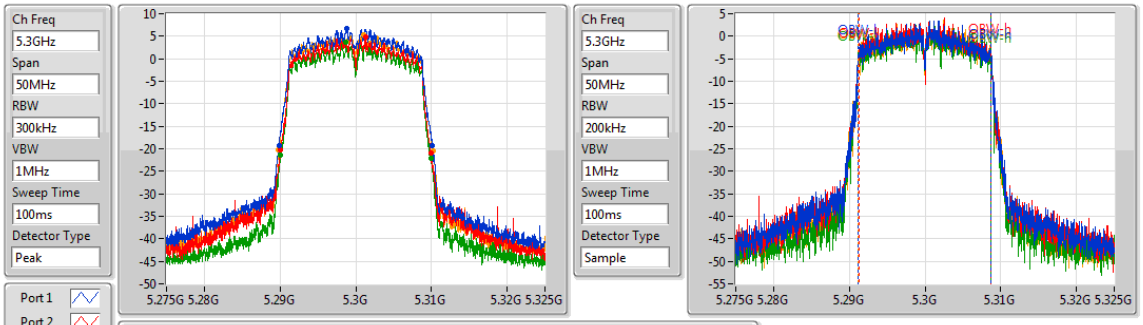
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.225M	5.249925G	5.27015G	17.541M	5.251204G	5.268746G	Inf	1
19.9M	5.250025G	5.269925G	17.516M	5.251204G	5.268721G	Inf	2
19.825M	5.2501G	5.269925G	17.566M	5.251204G	5.268771G	Inf	3
20.4M	5.249825G	5.270225G	17.541M	5.251204G	5.268746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

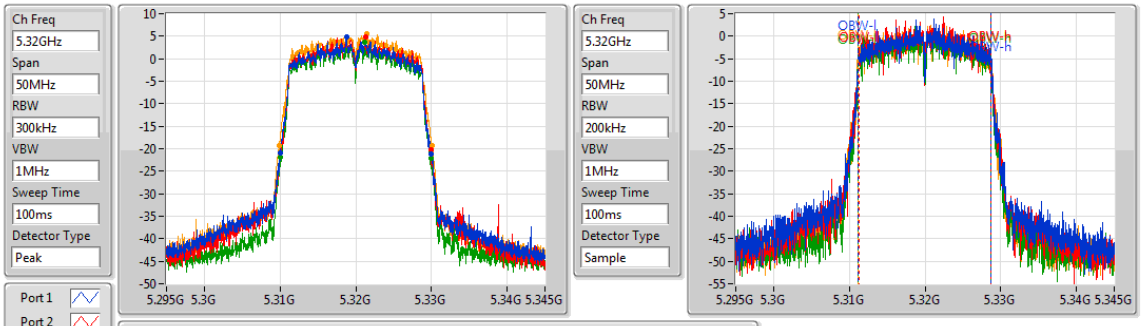
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.275M	5.28985G	5.310125G	17.541M	5.291179G	5.308721G	Inf	1
19.9M	5.290025G	5.309925G	17.491M	5.291229G	5.308721G	Inf	2
19.95M	5.289975G	5.309925G	17.541M	5.291204G	5.308746G	Inf	3
20.475M	5.289775G	5.31025G	17.541M	5.291204G	5.308746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

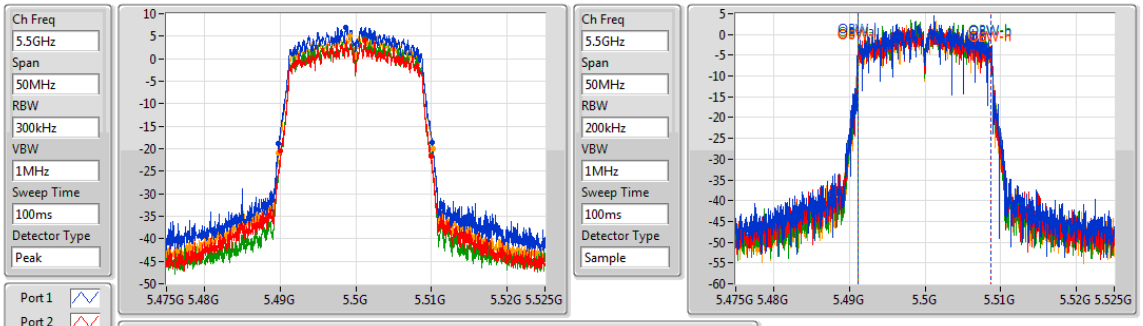
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20M	5.310025G	5.330025G	17.541M	5.311179G	5.328721G	Inf	1
19.875M	5.31005G	5.329925G	17.491M	5.311229G	5.328721G	Inf	2
19.9M	5.310025G	5.329925G	17.541M	5.311179G	5.328721G	Inf	3
20.3M	5.30985G	5.33015G	17.566M	5.311179G	5.328746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

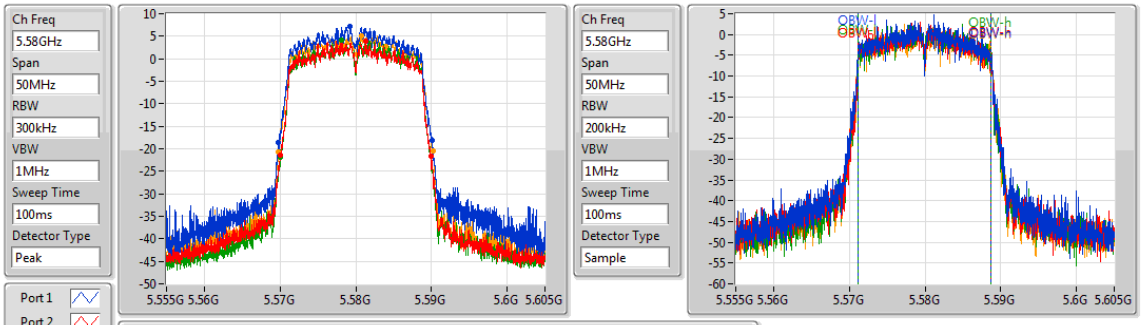
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.3M	5.489825G	5.510125G	17.541M	5.491204G	5.508746G	Inf	1
19.825M	5.490075G	5.5099G	17.566M	5.491204G	5.508771G	Inf	2
19.875M	5.490075G	5.50995G	17.516M	5.491204G	5.508721G	Inf	3
20.4M	5.4898G	5.5102G	17.516M	5.491204G	5.508721G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

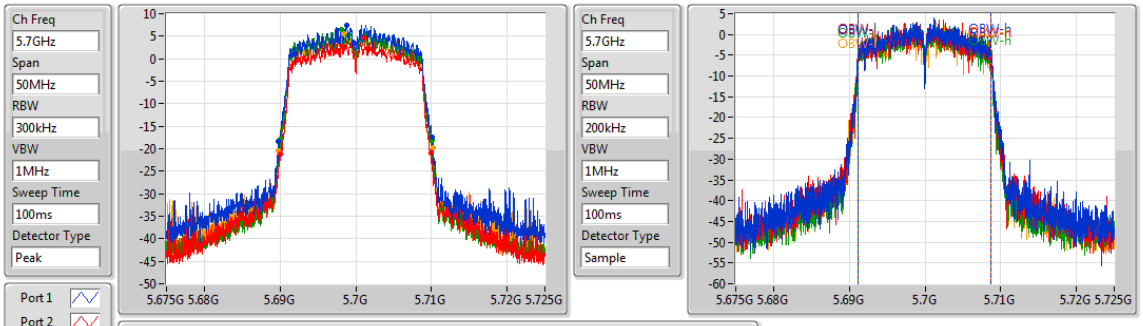
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.3M	5.5698G	5.5901G	17.566M	5.571179G	5.588746G	Inf	1
19.9M	5.57G	5.5899G	17.591M	5.571179G	5.588771G	Inf	2
19.825M	5.570075G	5.5899G	17.541M	5.571204G	5.588746G	Inf	3
20.4M	5.5698G	5.5902G	17.566M	5.571204G	5.588771G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

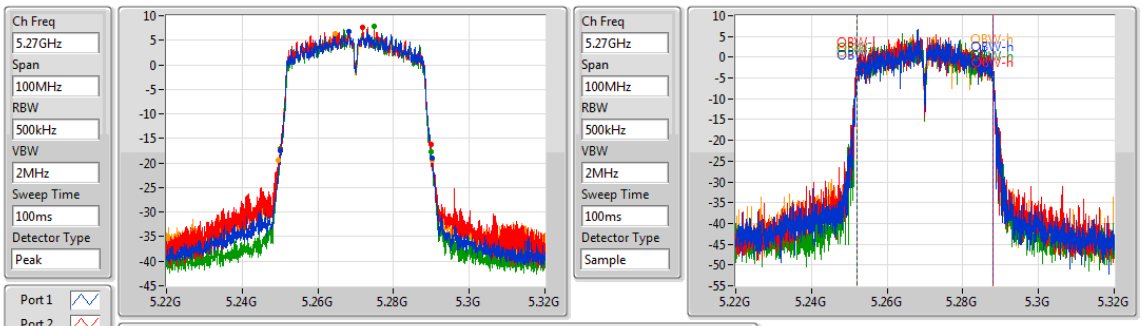
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.3M	5.689825G	5.710125G	17.516M	5.691204G	5.708721G	Inf	1
19.95M	5.689975G	5.709925G	17.591M	5.691179G	5.708771G	Inf	2
20M	5.69005G	5.71005G	17.566M	5.691179G	5.708746G	Inf	3
20.475M	5.689725G	5.7102G	17.516M	5.691204G	5.708721G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

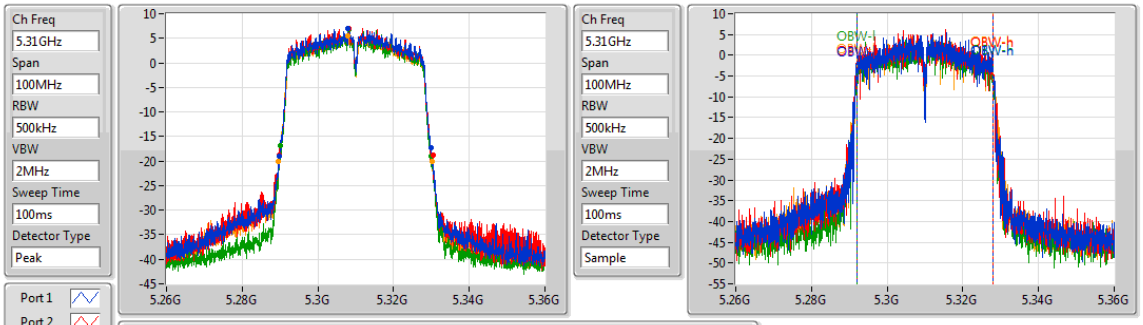
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.25G	5.2901G	35.982M	5.252009G	5.287991G	Inf	1
40M	5.24995G	5.28995G	35.882M	5.251959G	5.287841G	Inf	2
39.8M	5.25015G	5.28995G	35.882M	5.251959G	5.287841G	Inf	3
40.65M	5.2496G	5.29025G	35.932M	5.252009G	5.287941G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

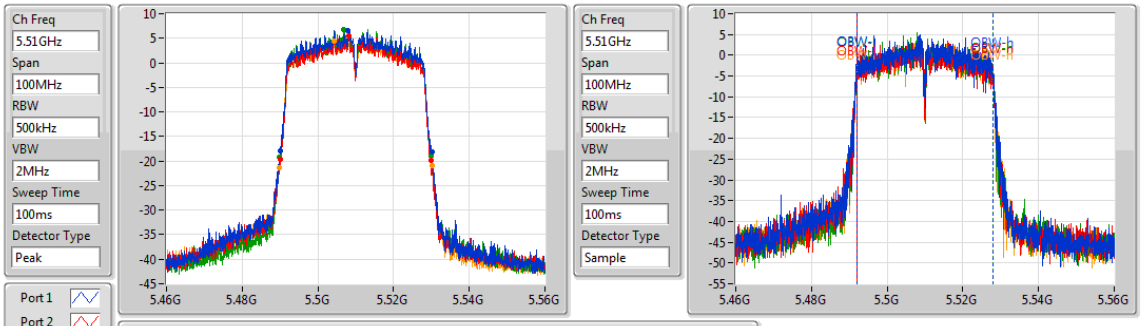
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.2898G	5.33G	35.932M	5.291959G	5.327891G	Inf	1
40.7M	5.2897G	5.3304G	35.982M	5.291959G	5.327941G	Inf	2
39.75M	5.29015G	5.3299G	35.982M	5.291909G	5.327891G	Inf	3
40.6M	5.2896G	5.3302G	35.932M	5.291959G	5.327891G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

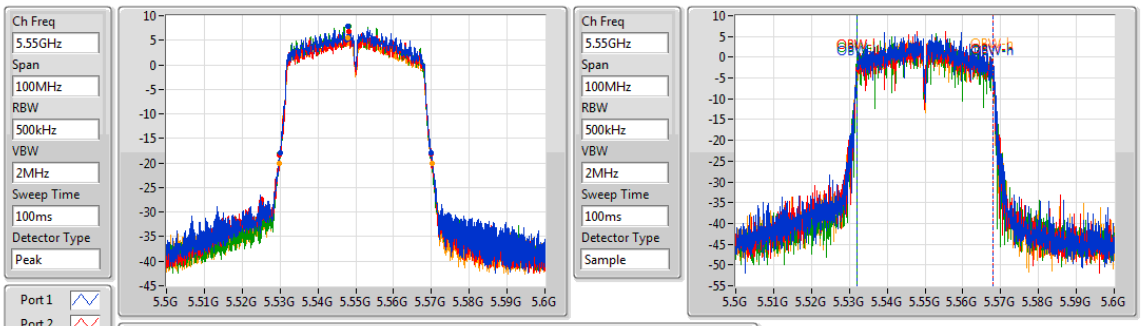
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.48995G	5.5301G	35.982M	5.491909G	5.527891G	Inf	1
40M	5.48995G	5.52995G	35.982M	5.491959G	5.527941G	Inf	2
40.1M	5.4899G	5.53G	35.882M	5.492009G	5.527891G	Inf	3
40.3M	5.4898G	5.5301G	35.932M	5.492009G	5.527941G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

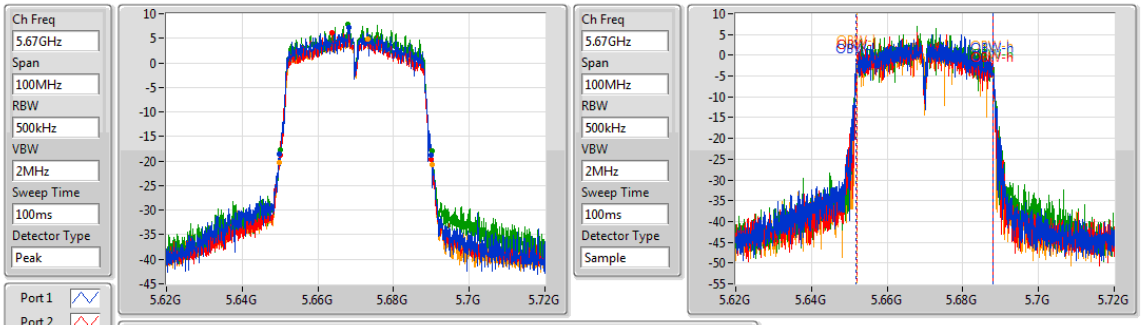
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.52995G	5.57G	35.882M	5.532059G	5.567941G	Inf	1
40.2M	5.5298G	5.57G	36.032M	5.531959G	5.567991G	Inf	2
40M	5.5298G	5.5698G	35.932M	5.531909G	5.567841G	Inf	3
40.4M	5.5297G	5.5701G	35.982M	5.531959G	5.567941G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

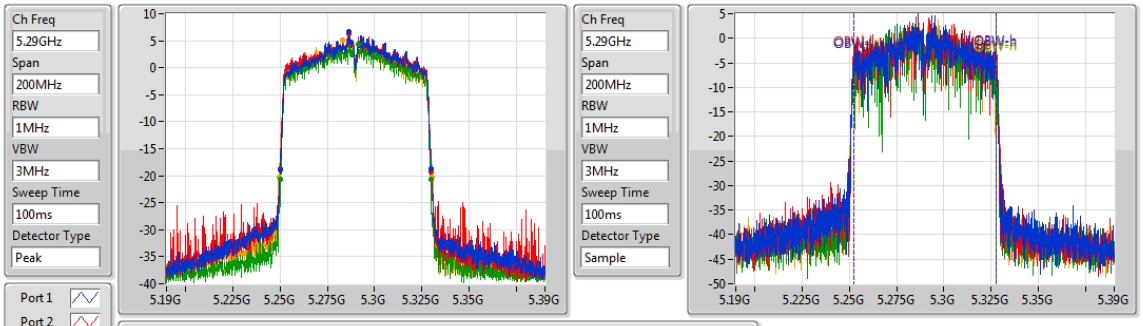
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.64985G	5.69005G	36.082M	5.651859G	5.687941G	Inf	1
40M	5.64995G	5.68995G	35.882M	5.652009G	5.687891G	Inf	2
40.1M	5.65G	5.6901G	35.932M	5.652009G	5.687941G	Inf	3
40.55M	5.6497G	5.69025G	35.832M	5.652059G	5.687891G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

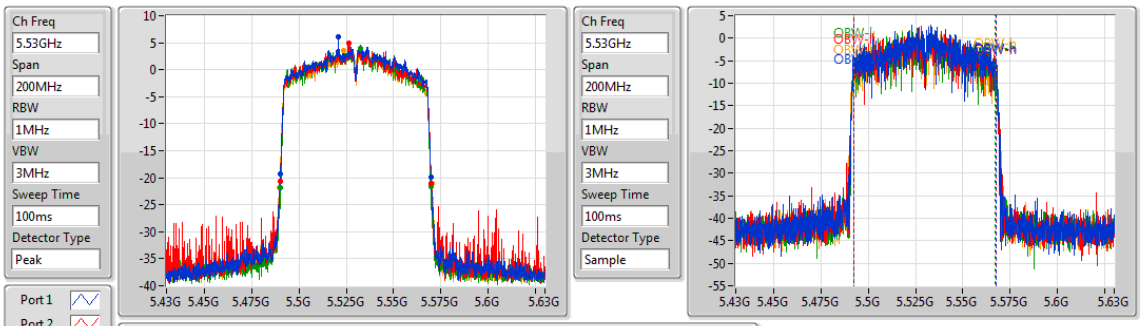
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.5M	5.2502G	5.3297G	75.062M	5.252419G	5.327481G	Inf	1
80M	5.25G	5.33G	75.362M	5.252219G	5.327581G	Inf	2
79.2M	5.2504G	5.3296G	74.963M	5.252519G	5.327481G	Inf	3
80.9M	5.2494G	5.3303G	75.062M	5.252319G	5.327381G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

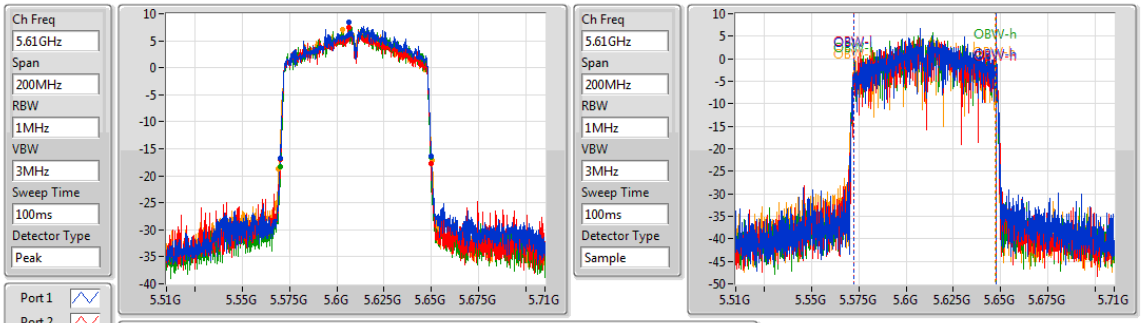
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.5M	5.4903G	5.5698G	74.963M	5.492519G	5.567481G	Inf	1
80.2M	5.4899G	5.5701G	75.162M	5.492419G	5.567581G	Inf	2
79.5M	5.4902G	5.5697G	74.963M	5.492319G	5.567281G	Inf	3
80.7M	5.4896G	5.5703G	75.162M	5.492219G	5.567381G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.7M	5.5702G	5.6499G	74.963M	5.572519G	5.647481G	Inf	1
79.8M	5.5701G	5.6499G	75.162M	5.572319G	5.647481G	Inf	2
79.2M	5.5704G	5.6496G	74.963M	5.572419G	5.647381G	Inf	3
81.1M	5.5693G	5.6504G	74.963M	5.572319G	5.647281G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_4TX	-	-	-	-
5.25-5.35GHz	19.48	0.08872	23.03	0.20091
5.47-5.725GHz	19.00	0.07943	22.55	0.17989
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	19.06	0.08054	22.61	0.18239
5.47-5.725GHz	19.63	0.09183	23.18	0.20797
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	21.84	0.15276	25.39	0.34594
5.47-5.725GHz	22.10	0.16218	25.65	0.36728
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	19.89	0.09750	23.44	0.22080
5.47-5.725GHz	23.28	0.21281	26.83	0.48195
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	19.70	0.09333	29.27	0.84528
5.47-5.725GHz	19.60	0.09120	29.17	0.82604
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	20.40	0.10965	29.97	0.99312
5.47-5.725GHz	20.29	0.10691	29.86	0.96828
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	18.19	0.06592	27.76	0.59704
5.47-5.725GHz	20.28	0.10666	29.85	0.96605

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.55	13.31	13.93	13.10	13.41	19.47	23.94
5300MHz	Pass	3.55	13.30	13.76	13.08	13.39	19.41	23.96
5320MHz	Pass	3.55	13.35	14.11	12.98	13.32	19.48	23.93
5500MHz	Pass	3.55	13.13	13.12	12.85	12.78	18.99	23.94
5580MHz	Pass	3.55	13.29	13.30	12.70	12.59	19.00	23.95
5700MHz	Pass	3.55	13.38	13.45	12.41	12.50	18.98	23.94
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.55	12.99	13.29	13.07	12.81	19.06	23.97
5300MHz	Pass	3.55	12.67	12.86	12.15	12.54	18.58	23.97
5320MHz	Pass	3.55	13.04	13.21	12.42	13.01	18.95	23.98
5500MHz	Pass	3.55	13.82	13.84	13.25	13.52	19.63	23.99
5580MHz	Pass	3.55	13.63	13.65	13.19	13.14	19.43	23.98
5700MHz	Pass	3.55	13.41	13.28	12.38	12.37	18.91	23.99
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.55	15.60	15.46	15.62	15.98	21.69	23.98
5310MHz	Pass	3.55	15.74	16.57	15.08	15.75	21.84	23.98
5510MHz	Pass	3.55	15.61	15.09	15.52	15.39	21.43	23.98
5550MHz	Pass	3.55	16.27	16.21	15.86	15.95	22.10	23.98
5670MHz	Pass	3.55	15.59	15.59	16.02	15.77	21.77	23.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.55	14.23	14.03	13.26	13.89	19.89	23.98
5530MHz	Pass	3.55	13.09	13.25	12.77	12.62	18.96	23.98
5610MHz	Pass	3.55	17.34	17.51	16.96	17.19	23.28	23.98
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.57	13.36	13.30	13.43	14.03	19.56	20.40
5300MHz	Pass	9.57	13.58	13.43	12.84	13.39	19.34	20.42
5320MHz	Pass	9.57	13.14	14.17	13.97	13.35	19.70	20.41
5500MHz	Pass	9.57	13.12	14.04	13.33	13.75	19.60	20.40
5580MHz	Pass	9.57	13.65	13.55	13.56	13.18	19.51	20.40
5700MHz	Pass	9.57	13.36	13.30	13.53	13.06	19.34	20.43
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.57	14.53	13.90	14.41	14.63	20.40	20.41
5310MHz	Pass	9.57	14.27	14.08	13.50	13.97	19.98	20.41
5510MHz	Pass	9.57	13.95	13.92	13.27	13.40	19.67	20.41
5550MHz	Pass	9.57	14.06	14.65	13.98	14.11	20.23	20.41
5670MHz	Pass	9.57	14.02	14.03	14.63	14.36	20.29	20.41
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.57	12.40	12.53	11.62	12.08	18.19	20.41
5530MHz	Pass	9.57	11.42	11.26	10.68	10.54	17.01	20.41
5610MHz	Pass	9.57	14.48	14.04	14.41	14.08	20.28	20.41

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_4TX	-	-
5.25-5.35GHz	7.39	16.96
5.47-5.725GHz	7.20	16.77
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-
5.25-5.35GHz	7.40	16.97
5.47-5.725GHz	7.41	16.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-
5.25-5.35GHz	7.42	16.99
5.47-5.725GHz	7.36	16.93
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-
5.25-5.35GHz	3.48	13.05
5.47-5.725GHz	7.13	16.70
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-
5.25-5.35GHz	7.38	16.95
5.47-5.725GHz	7.32	16.89
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-
5.25-5.35GHz	4.31	13.88
5.47-5.725GHz	4.33	13.90
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-
5.25-5.35GHz	-1.72	7.85
5.47-5.725GHz	0.47	10.04

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

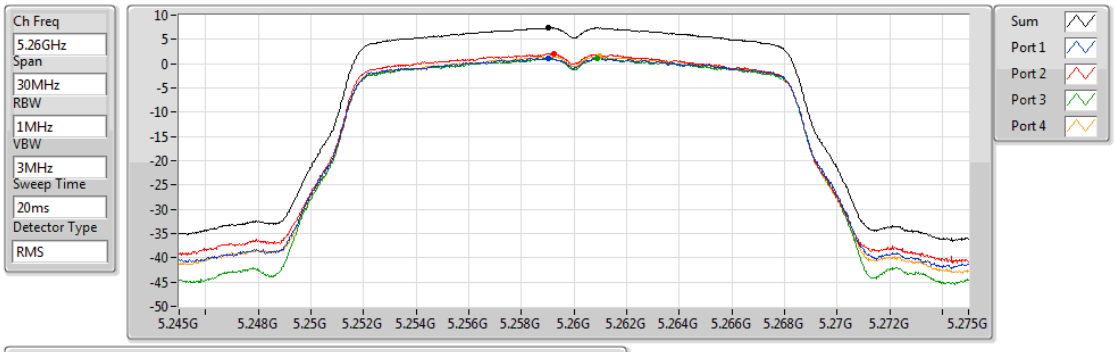
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.57	1.14	2.09	1.11	1.48	7.37	7.43
5300MHz	Pass	9.57	1.57	2.06	0.69	1.51	7.39	7.43
5320MHz	Pass	9.57	1.46	2.10	0.79	1.56	7.38	7.43
5500MHz	Pass	9.57	1.51	0.92	1.40	0.90	6.94	7.43
5580MHz	Pass	9.57	1.84	1.29	1.11	0.87	7.20	7.43
5700MHz	Pass	9.57	1.80	1.34	0.78	1.03	7.08	7.43
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.57	1.16	1.59	1.07	1.23	7.06	7.43
5300MHz	Pass	9.57	1.46	1.69	0.62	0.75	7.11	7.43
5320MHz	Pass	9.57	1.87	2.27	0.87	1.25	7.40	7.43
5500MHz	Pass	9.57	1.98	1.05	1.70	0.98	7.32	7.43
5580MHz	Pass	9.57	2.09	1.48	1.47	0.86	7.41	7.43
5700MHz	Pass	9.57	2.03	1.33	0.75	0.62	7.10	7.43
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.57	1.35	1.96	1.42	2.20	7.42	7.43
5310MHz	Pass	9.57	1.49	1.73	1.10	1.44	7.28	7.43
5510MHz	Pass	9.57	1.42	0.47	1.10	0.83	6.92	7.43
5550MHz	Pass	9.57	2.17	1.20	1.54	1.73	7.36	7.43
5670MHz	Pass	9.57	1.41	0.69	1.66	1.17	7.16	7.43
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.57	-1.69	-1.92	-3.08	-2.44	3.48	7.43
5530MHz	Pass	9.57	-3.26	-3.05	-3.02	-3.68	2.40	7.43
5610MHz	Pass	9.57	1.57	1.44	0.99	1.22	7.13	7.43
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.57	1.34	1.87	1.16	1.45	7.38	7.43
5300MHz	Pass	9.57	1.18	1.91	0.76	0.77	7.10	7.43
5320MHz	Pass	9.57	1.57	1.68	0.58	1.12	7.04	7.43
5500MHz	Pass	9.57	1.82	0.78	1.43	0.75	7.11	7.43
5580MHz	Pass	9.57	1.71	1.31	1.40	0.69	7.14	7.43
5700MHz	Pass	9.57	2.32	1.33	0.92	0.78	7.32	7.43
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.57	-1.80	-1.30	-2.03	-1.09	4.31	7.43
5310MHz	Pass	9.57	-1.56	-1.46	-2.38	-1.57	4.02	7.43
5510MHz	Pass	9.57	-2.20	-3.12	-2.73	-2.74	3.10	7.43
5550MHz	Pass	9.57	-1.04	-1.94	-1.75	-1.73	4.33	7.43
5670MHz	Pass	9.57	-1.85	-2.44	-1.23	-2.20	4.07	7.43
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.57	-7.11	-7.06	-8.67	-7.54	-1.72	7.43
5530MHz	Pass	9.57	-7.89	-8.87	-8.91	-8.74	-2.96	7.43
5610MHz	Pass	9.57	-5.25	-5.18	-4.85	-5.07	0.47	7.43

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)_4TX PSD

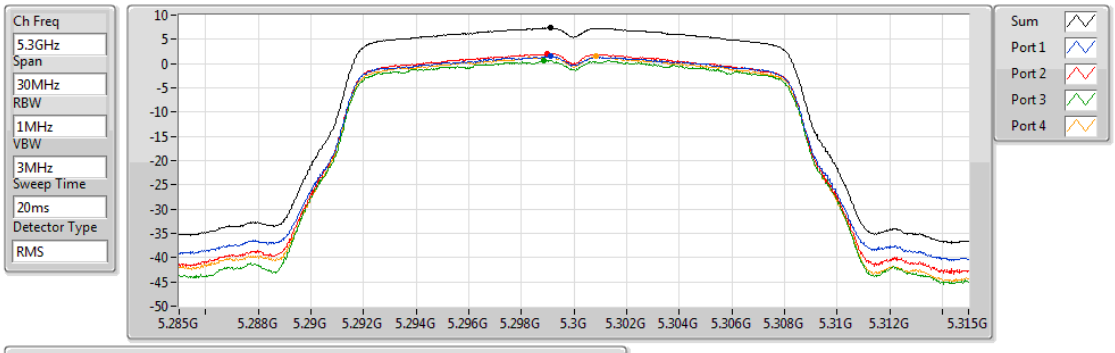
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.37	7.37	1.14	2.09	1.11	1.48

802.11a_(6Mbps)_4TX PSD

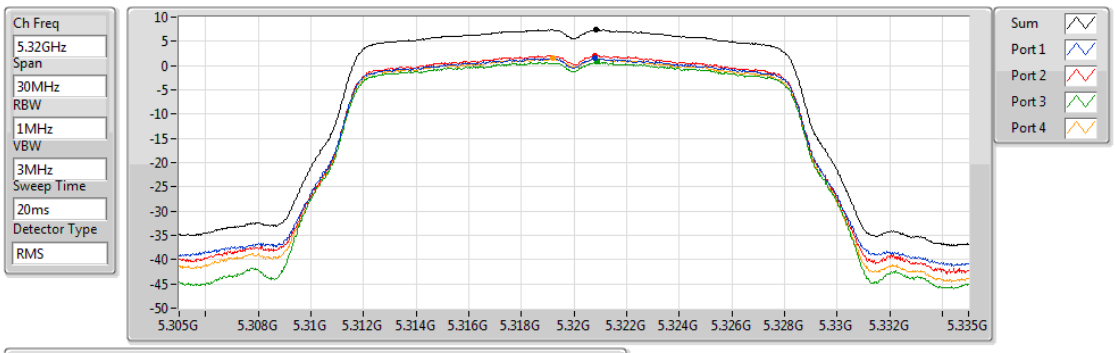
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.39	7.39	1.57	2.06	0.69	1.51

802.11a_(6Mbps)_4TX PSD

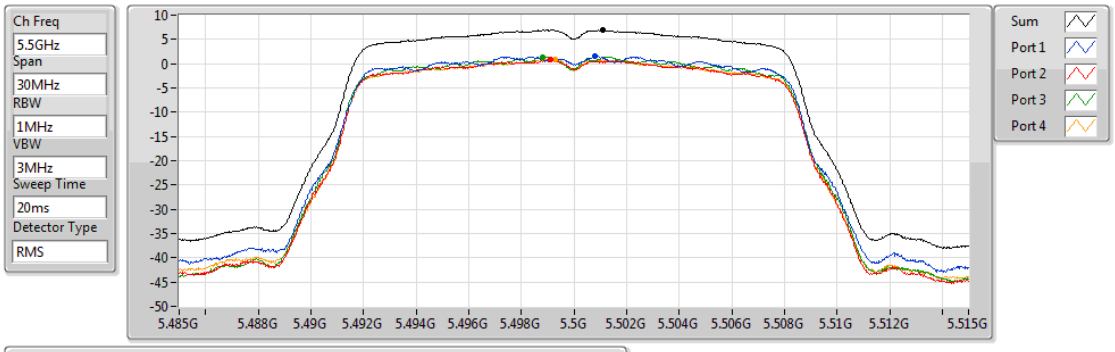
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	1.46	2.10	0.79	1.56

802.11a_(6Mbps)_4TX **PSD**

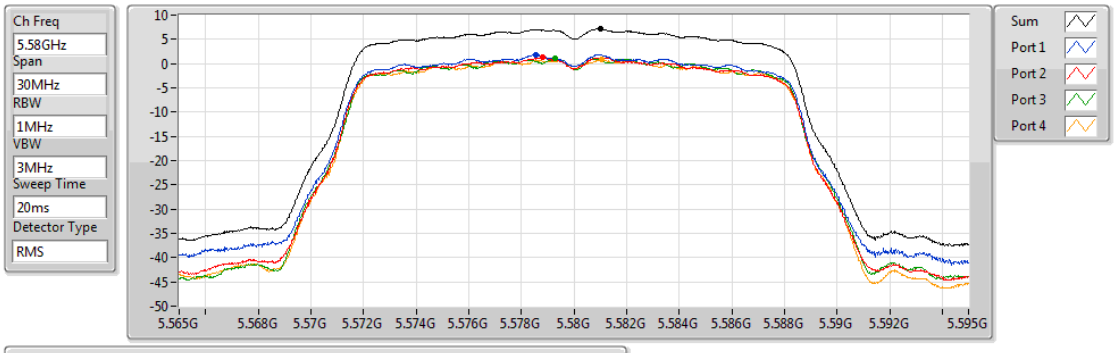
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	1.51	0.92	1.40	0.90

802.11a_(6Mbps)_4TX **PSD**

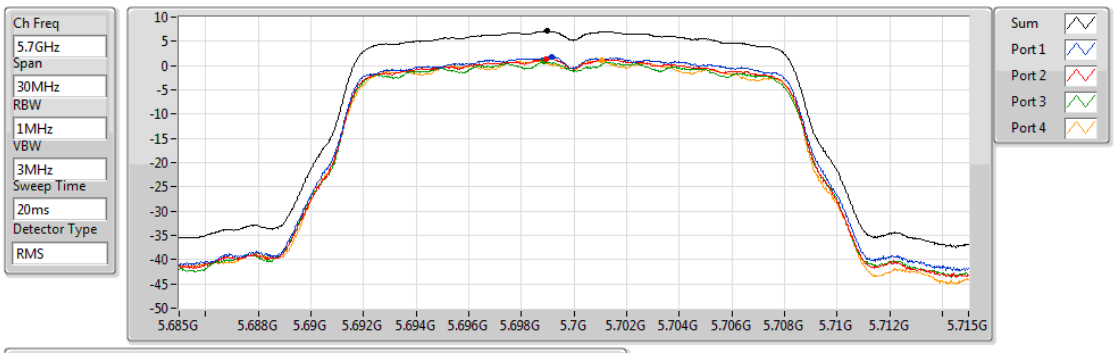
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	1.84	1.29	1.11	0.87

802.11a_(6Mbps)_4TX **PSD**

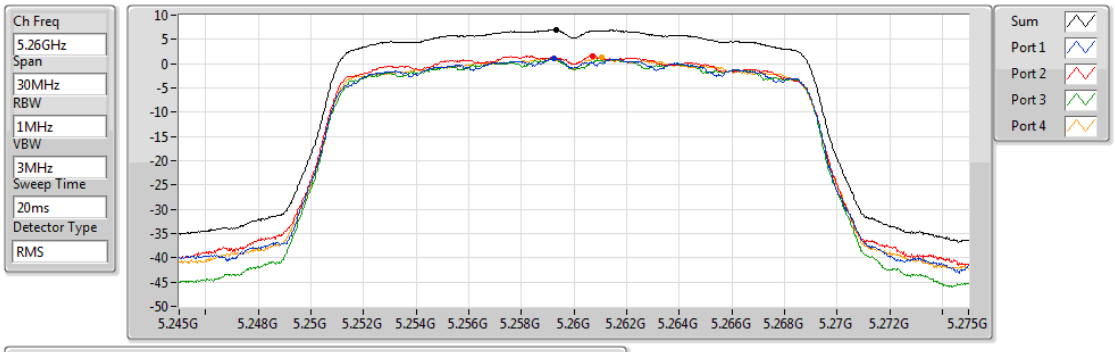
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	1.80	1.34	0.78	1.03

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

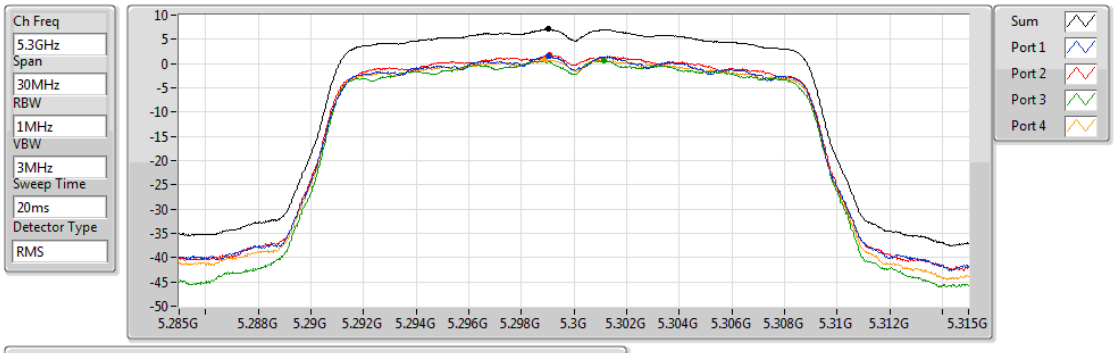
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.06	7.06	1.16	1.59	1.07	1.23

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

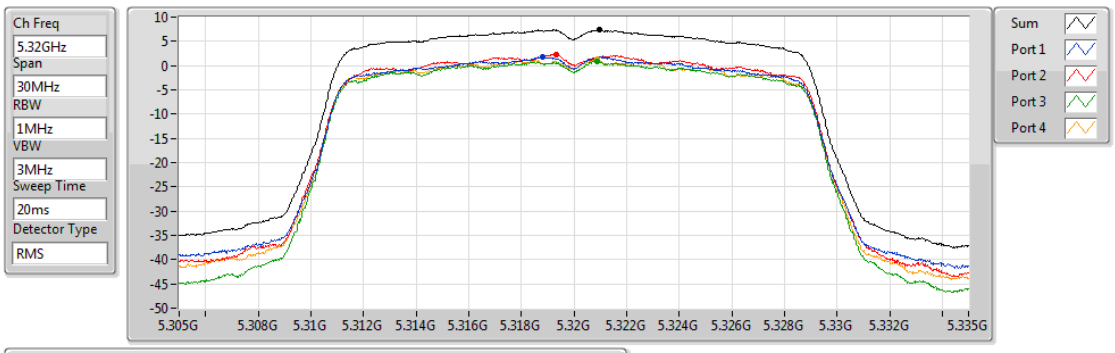
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	1.46	1.69	0.62	0.75

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

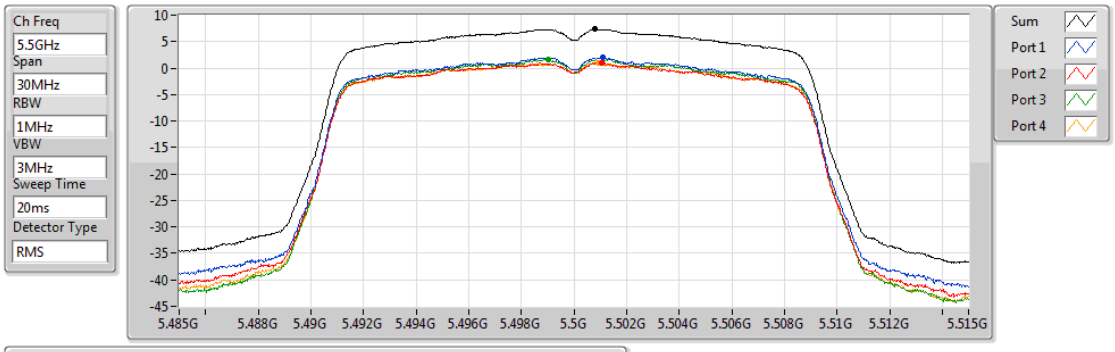
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	1.87	2.27	0.87	1.25

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

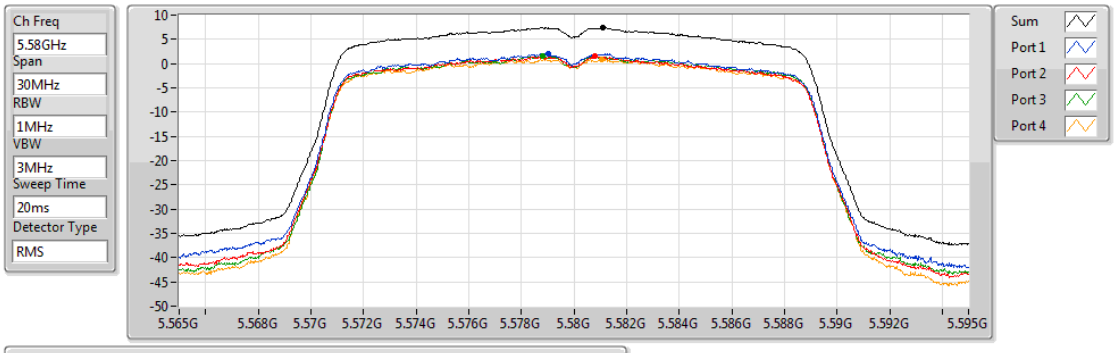
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.32	7.32	1.98	1.05	1.70	0.98

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

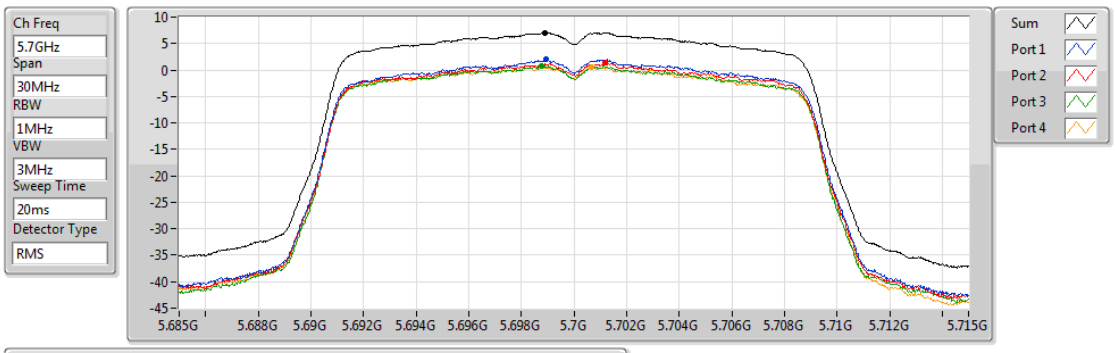
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	2.09	1.48	1.47	0.86

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

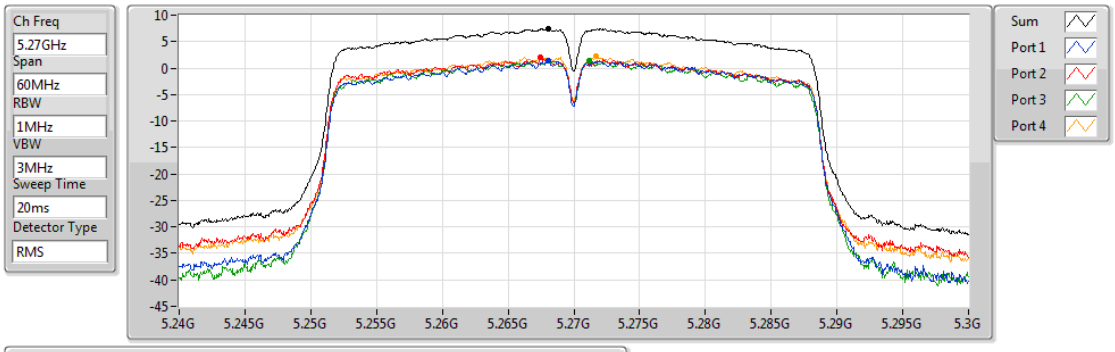
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	2.03	1.33	0.75	0.62

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

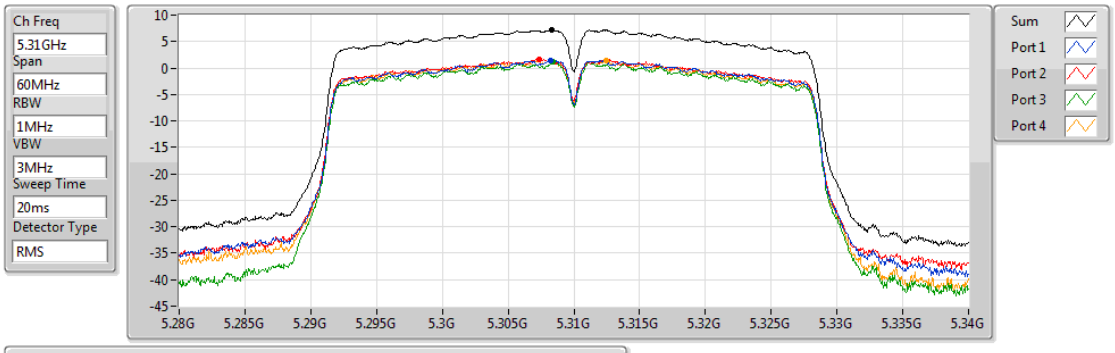
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	1.35	1.96	1.42	2.20

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

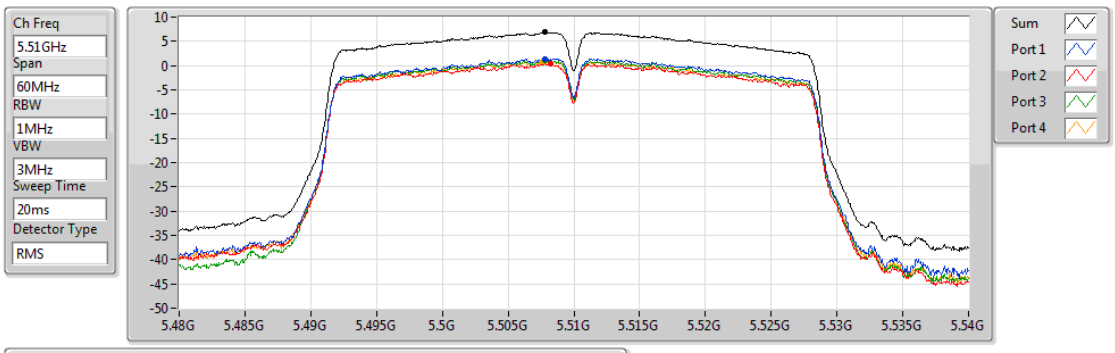
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	1.49	1.73	1.10	1.44

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

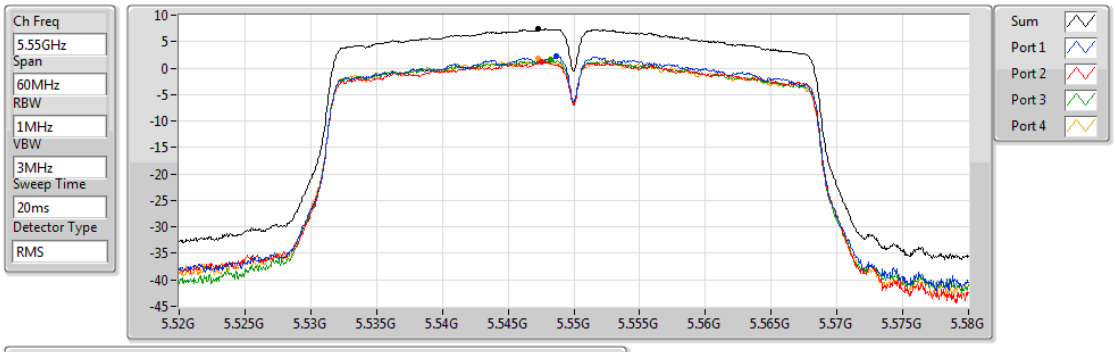
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.92	6.92	1.42	0.47	1.10	0.83

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

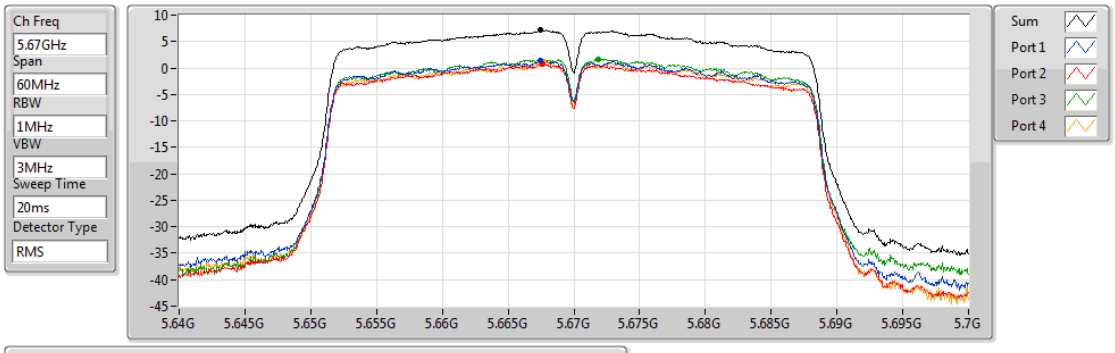
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.36	7.36	2.17	1.20	1.54	1.73

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

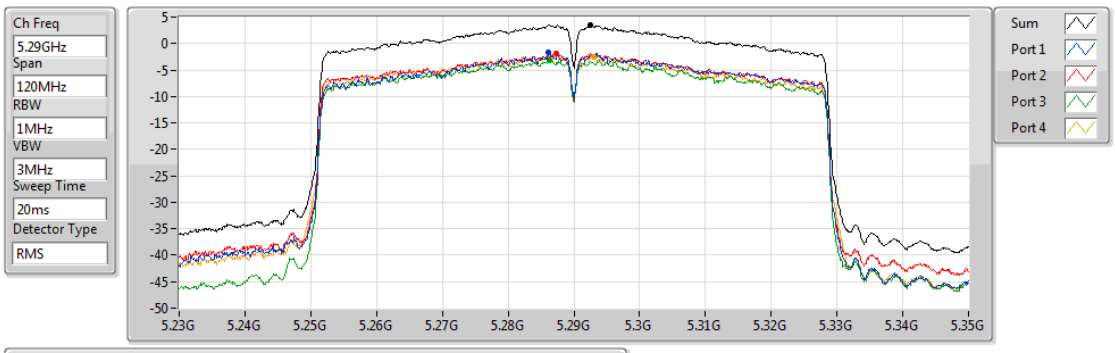
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.16	7.16	1.41	0.69	1.66	1.17

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

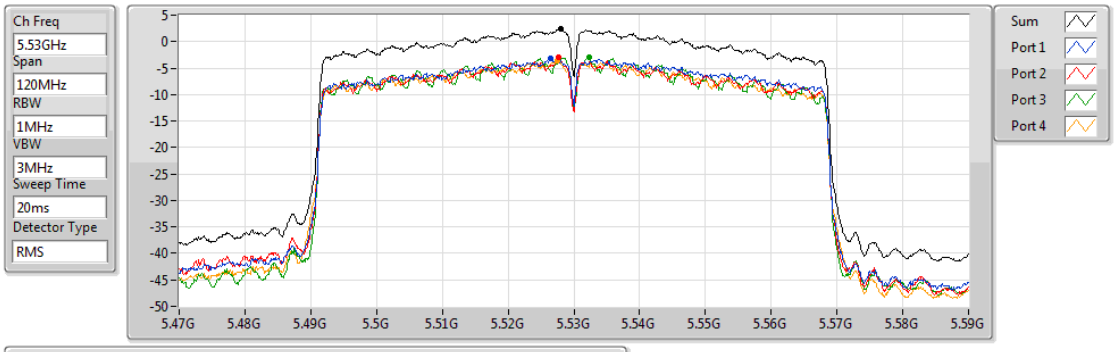
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	-1.69	-1.92	-3.08	-2.44

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

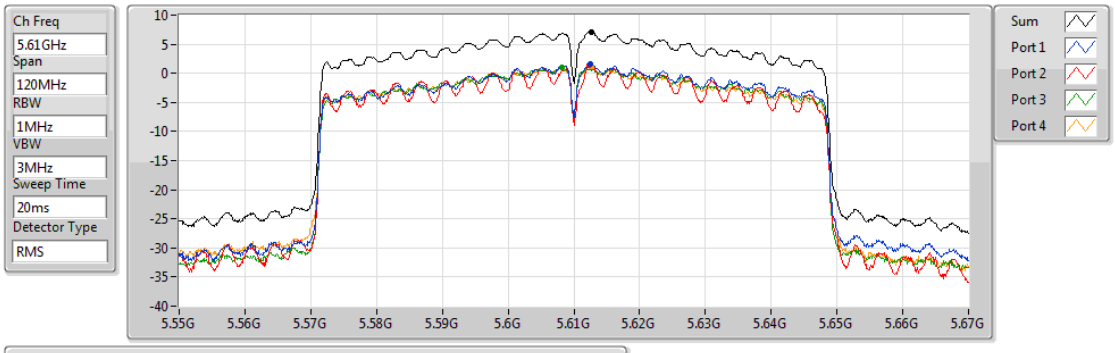
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.40	2.40	-3.26	-3.05	-3.02	-3.68

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

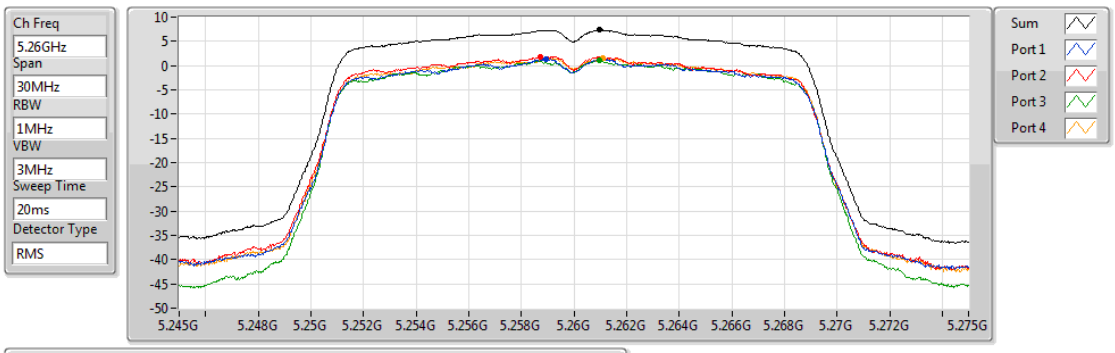
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	1.57	1.44	0.99	1.22

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

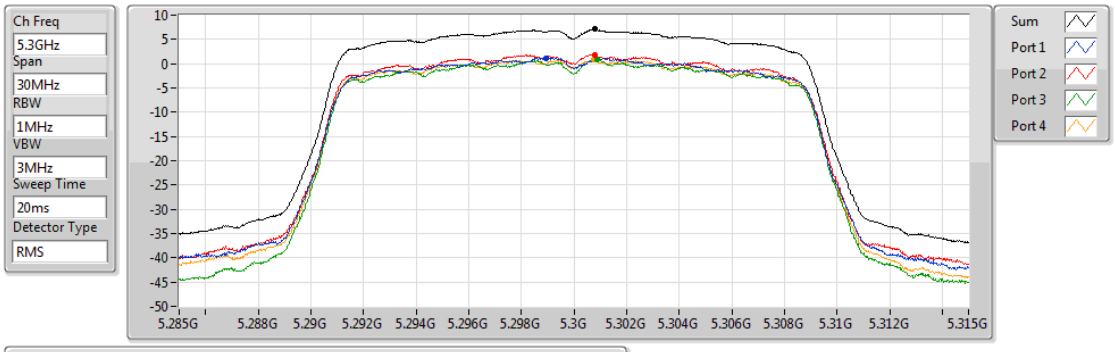
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	1.34	1.87	1.16	1.45

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

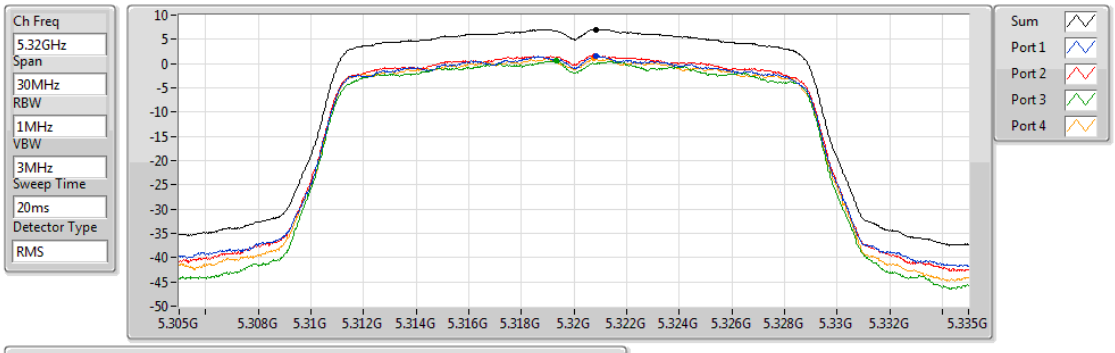
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	1.18	1.91	0.76	0.77

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

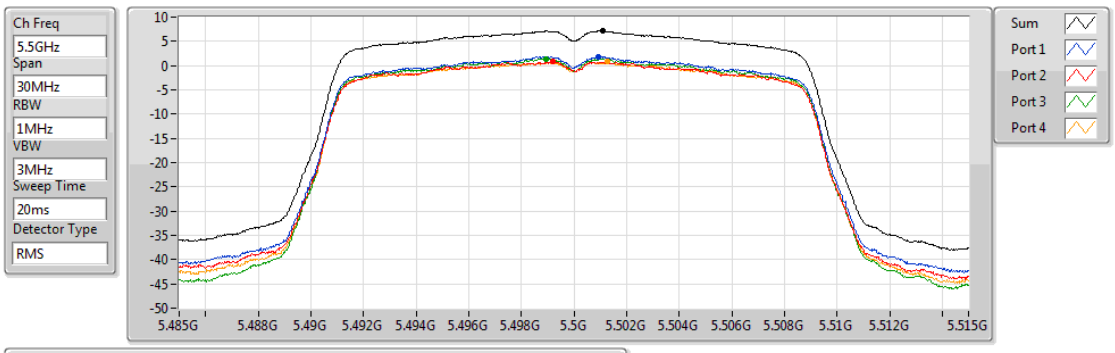
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.04	7.04	1.57	1.68	0.58	1.12

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

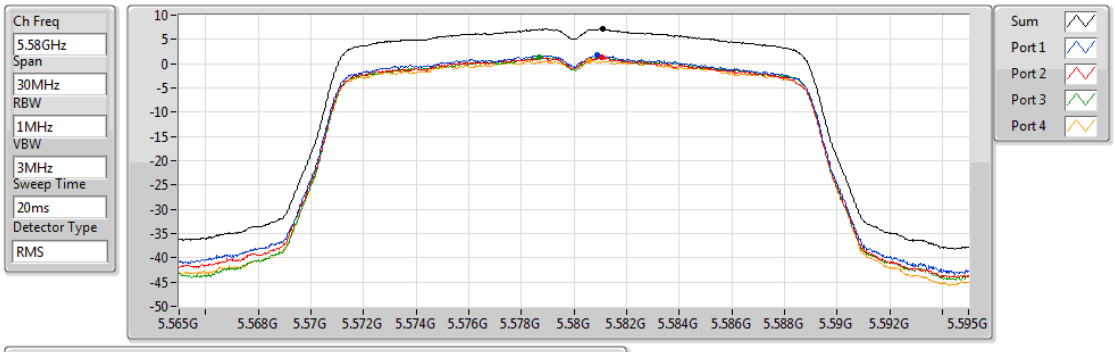
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	1.82	0.78	1.43	0.75

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

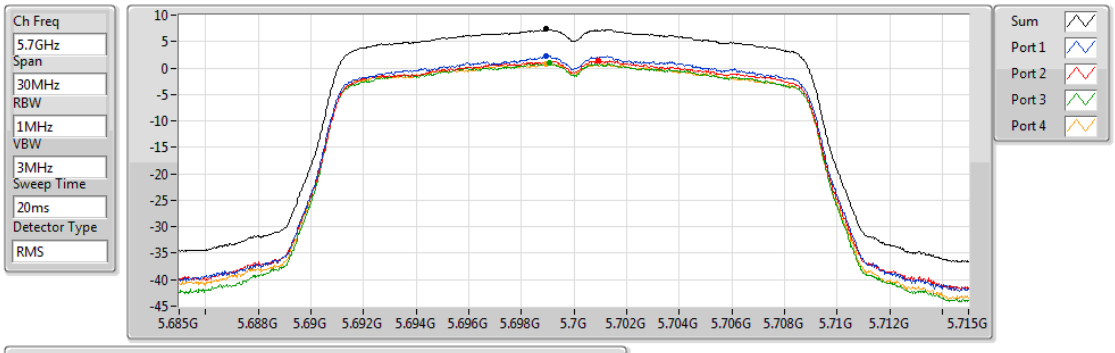
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	1.71	1.31	1.40	0.69

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

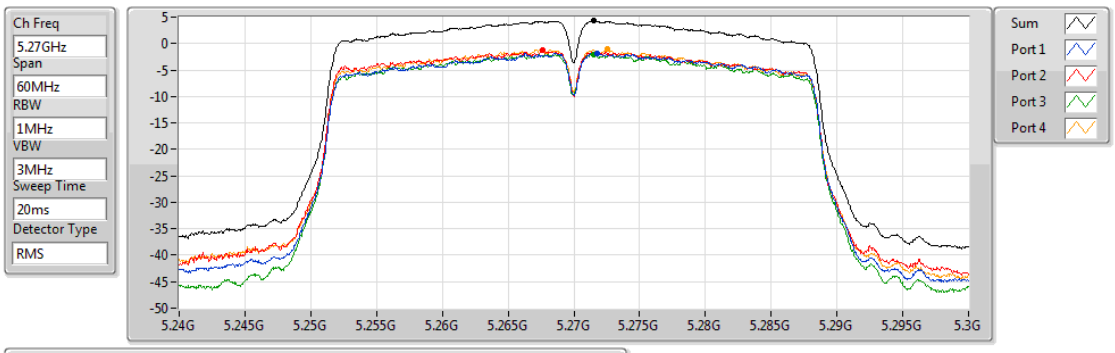
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.32	7.32	2.32	1.33	0.92	0.78

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

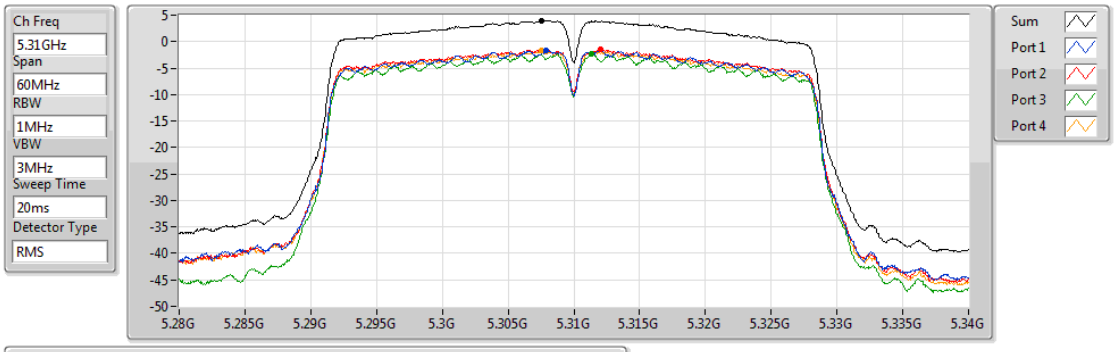
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.31	4.31	-1.80	-1.30	-2.03	-1.09

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

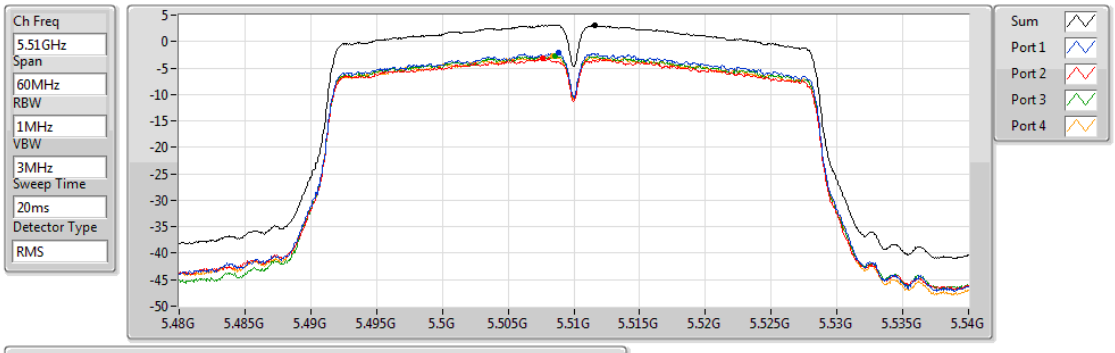
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.02	4.02	-1.56	-1.46	-2.38	-1.57

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

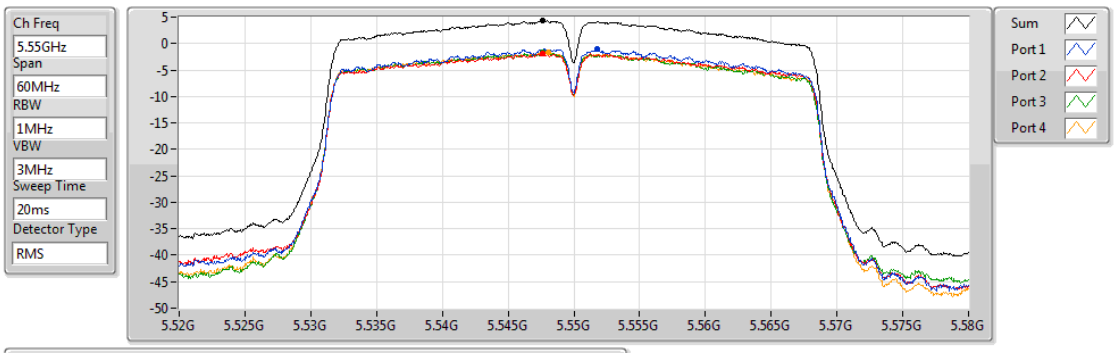
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.10	3.10	-2.20	-3.12	-2.73	-2.74

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

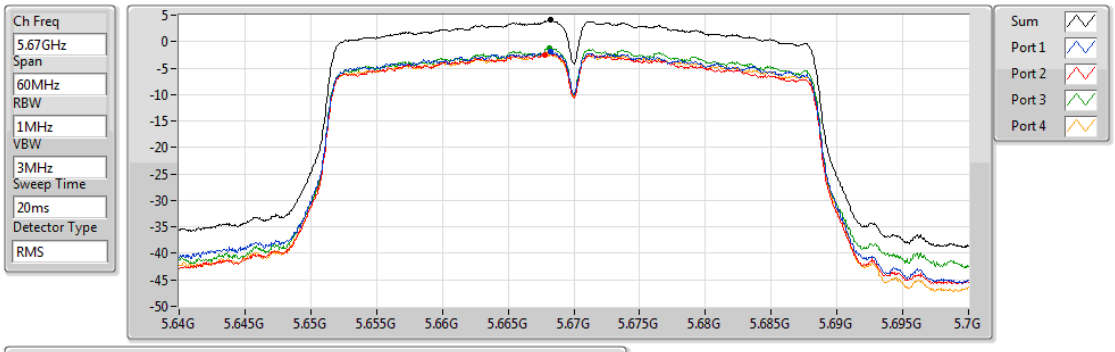
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.33	4.33	-1.04	-1.94	-1.75	-1.73

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

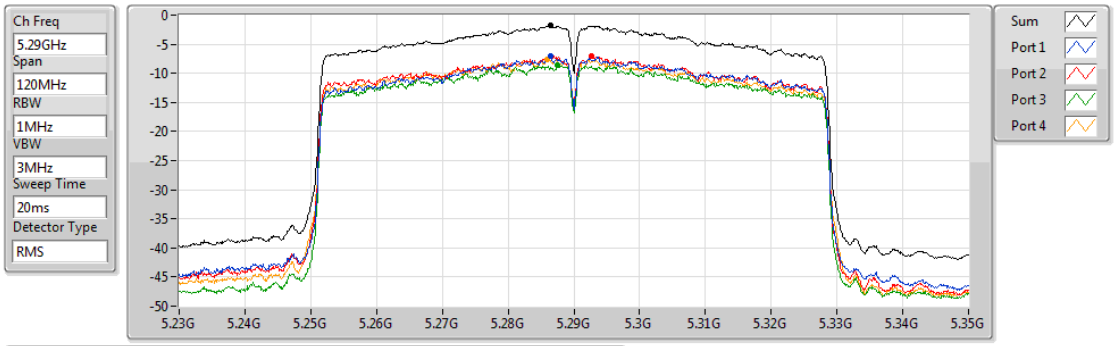
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	-1.85	-2.44	-1.23	-2.20

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

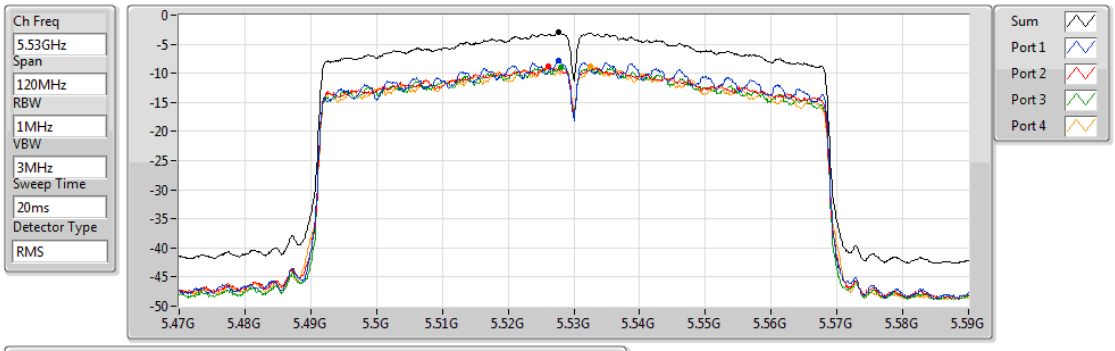
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.72	-1.72	-7.11	-7.06	-8.67	-7.54

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

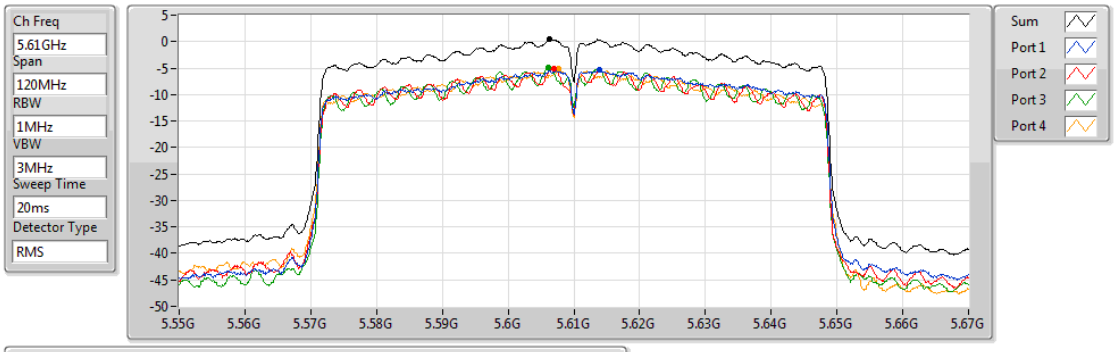
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.96	-2.96	-7.89	-8.87	-8.91	-8.74

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

5610MHz



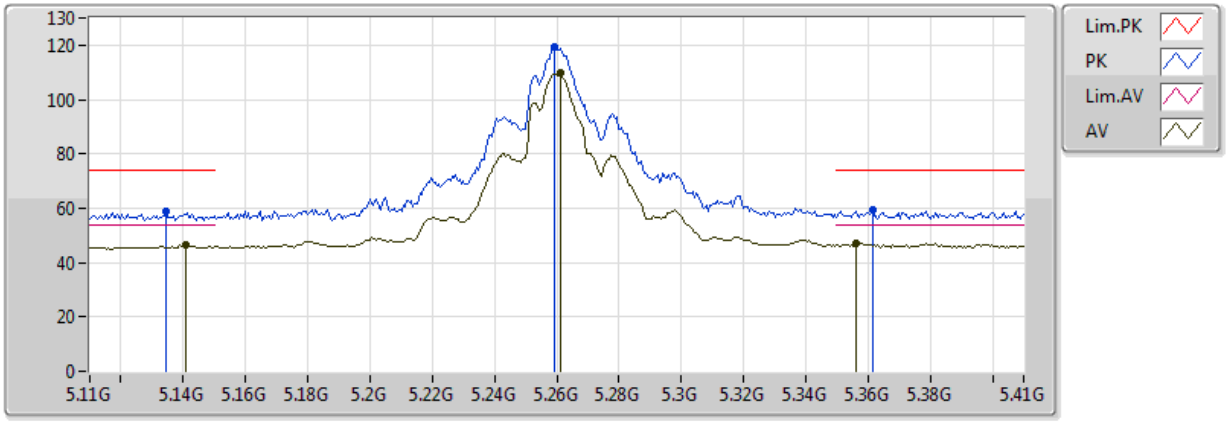
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.47	0.47	-5.25	-5.18	-4.85	-5.07

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5.25-5.35GHz	Pass	AV	5.352G	52.99	54.00	-1.01	9.34	3	V	138	1.58	-

802.11a_(6Mbps)_4TX

5260MHz_TX

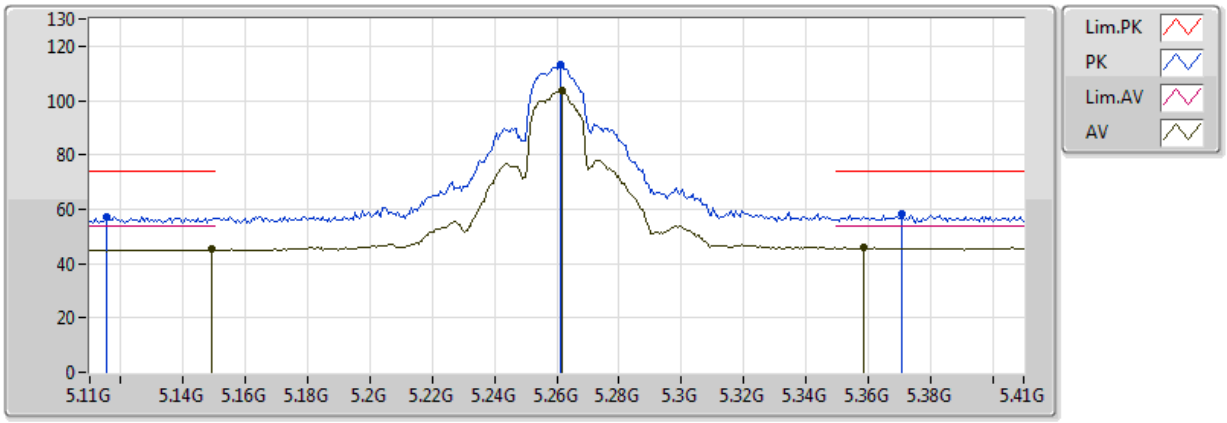


20170519
EUT Y 4TX
Setting 1A
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1406G	46.56	54.00	-7.44	5.43	3	V	10	2.01	-
AV	5.2612G	109.66	Inf	-Inf	5.67	3	V	10	2.01	-
AV	5.356G	46.88	54.00	-7.12	5.84	3	V	10	2.01	-
PK	5.1346G	58.58	74.00	-15.42	5.41	3	V	10	2.01	-
PK	5.2594G	119.45	Inf	-Inf	5.66	3	V	10	2.01	-
PK	5.3614G	59.27	74.00	-14.73	5.84	3	V	10	2.01	-

802.11a_(6Mbps)_4TX

5260MHz_TX

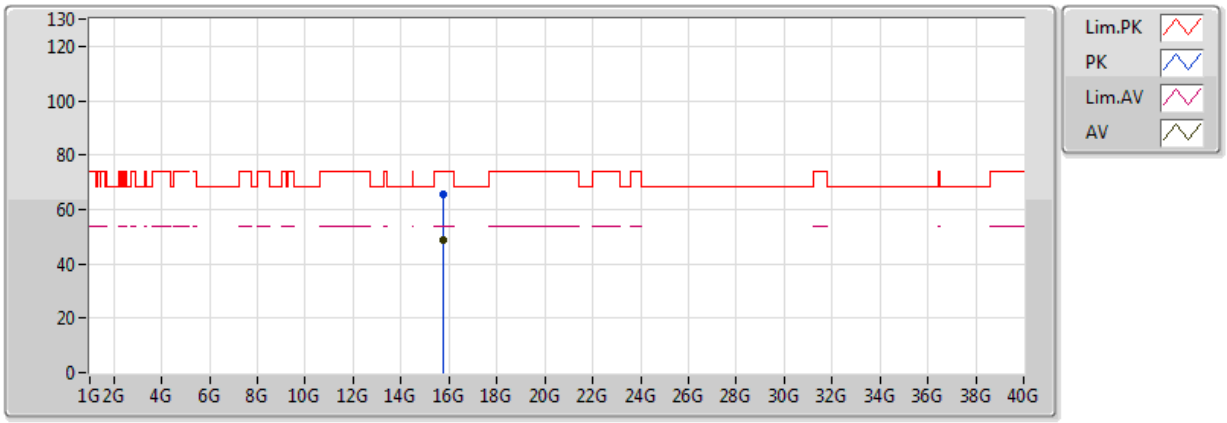


20170519
EUT Y 4TX
Setting 1A
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149G	45.14	54.00	-8.86	5.44	3	H	177	2.90	-
AV	5.2618G	103.71	Inf	-Inf	5.67	3	H	177	2.90	-
AV	5.3584G	46.01	54.00	-7.99	5.84	3	H	177	2.90	-
PK	5.1154G	57.31	74.00	-16.69	5.37	3	H	177	2.90	-
PK	5.2612G	113.37	Inf	-Inf	5.67	3	H	177	2.90	-
PK	5.371G	58.04	74.00	-15.96	5.86	3	H	177	2.90	-

802.11a_(6Mbps)_4TX

5260MHz_TX

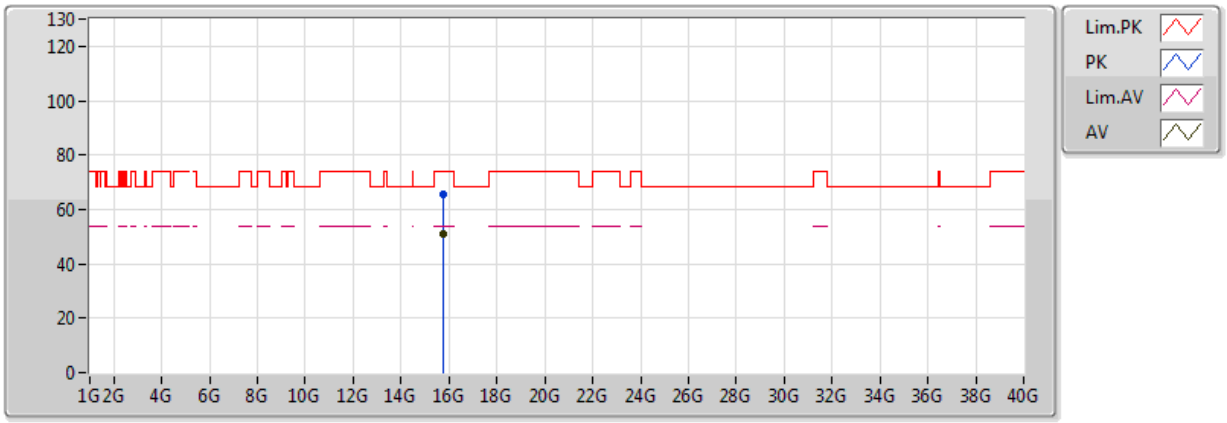


20170519
EUT Y 4TX
Setting 1A
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.77728G	48.84	54.00	-5.16	15.53	3	V	345	2.56	-
PK	15.77776G	65.44	74.00	-8.56	15.53	3	V	345	2.56	-

802.11a_(6Mbps)_4TX

5260MHz_TX

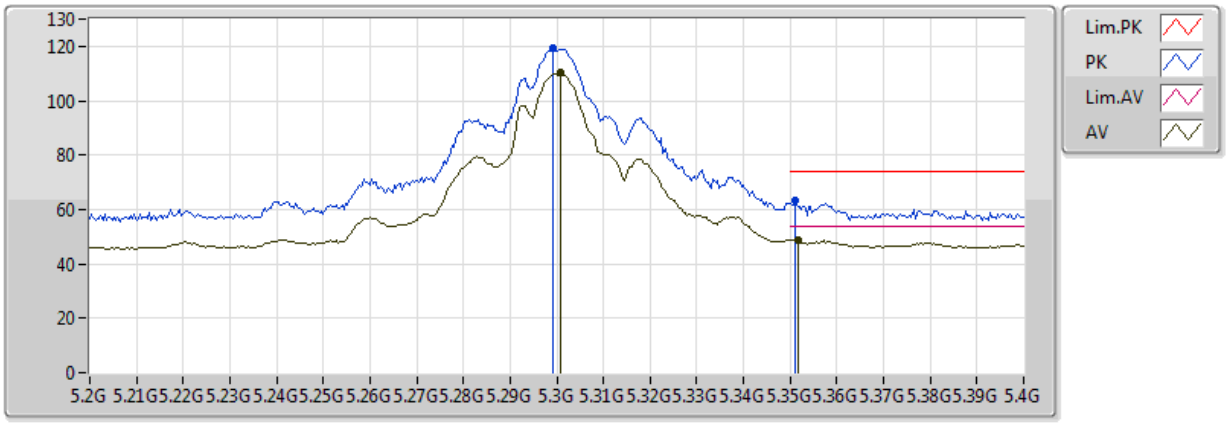


20170519
EUT Y 4TX
Setting 1A
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.78392G	50.98	54.00	-3.02	15.51	3	H	321	1.63	-
PK	15.784G	65.30	74.00	-8.70	15.51	3	H	321	1.63	-

802.11a_(6Mbps)_4TX

5300MHz_TX

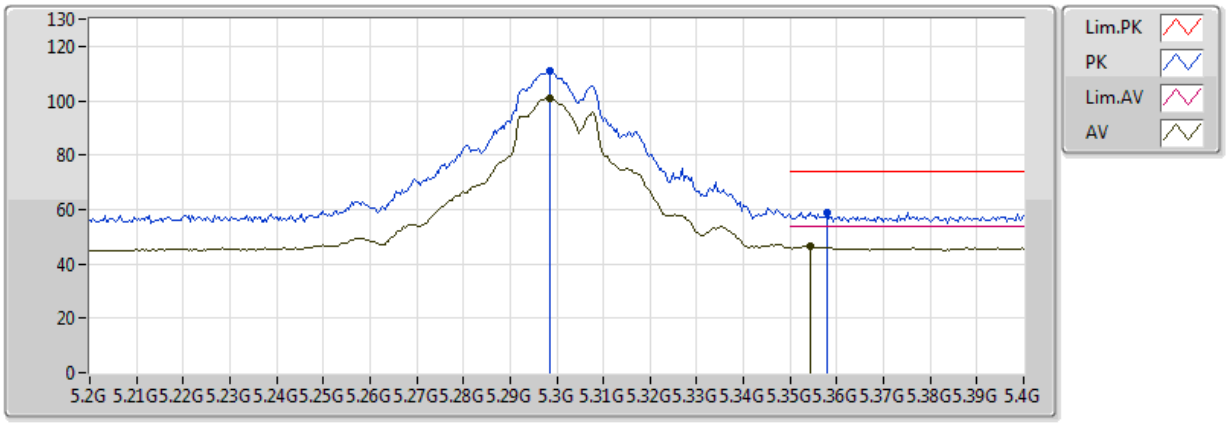


20170519
EUT Y 4TX
Setting 1D
03-Z-1-10
FSP(100019)
Non-TXBF

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	110.11	Inf	-Inf	5.74	3	V	11	2.12	-
AV	5.3516G	48.84	54.00	-5.16	5.83	3	V	11	2.12	-
PK	5.2992G	119.58	Inf	-Inf	5.74	3	V	11	2.12	-
PK	5.3512G	63.04	74.00	-10.96	5.83	3	V	11	2.12	-

802.11a_(6Mbps)_4TX

5300MHz_TX

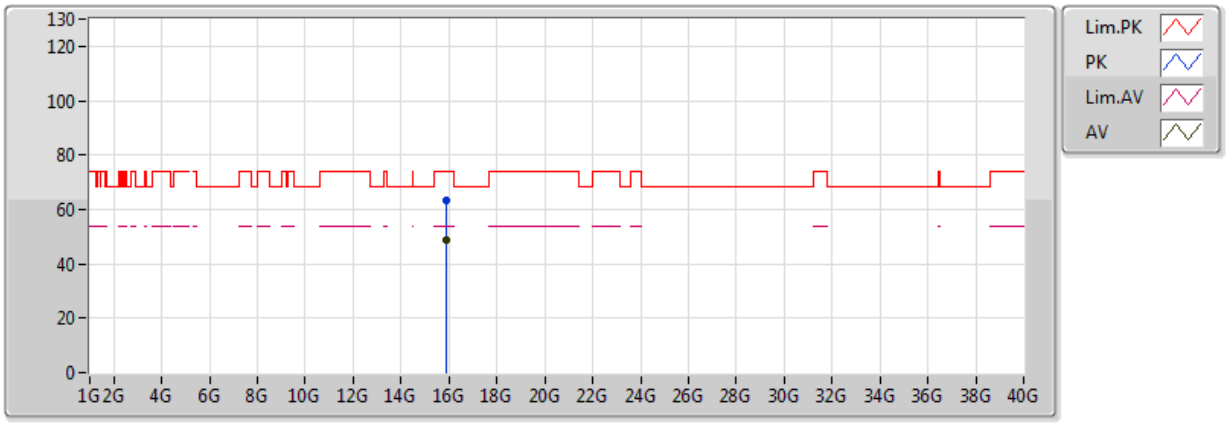


20170519
EUT Y 4TX
Setting 1D
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2984G	101.13	Inf	-Inf	5.74	3	H	170	1.66	-
AV	5.3544G	46.37	54.00	-7.63	5.83	3	H	170	1.66	-
PK	5.2984G	111.15	Inf	-Inf	5.74	3	H	170	1.66	-
PK	5.358G	58.87	74.00	-15.13	5.84	3	H	170	1.66	-

802.11a_(6Mbps)_4TX

5300MHz_TX

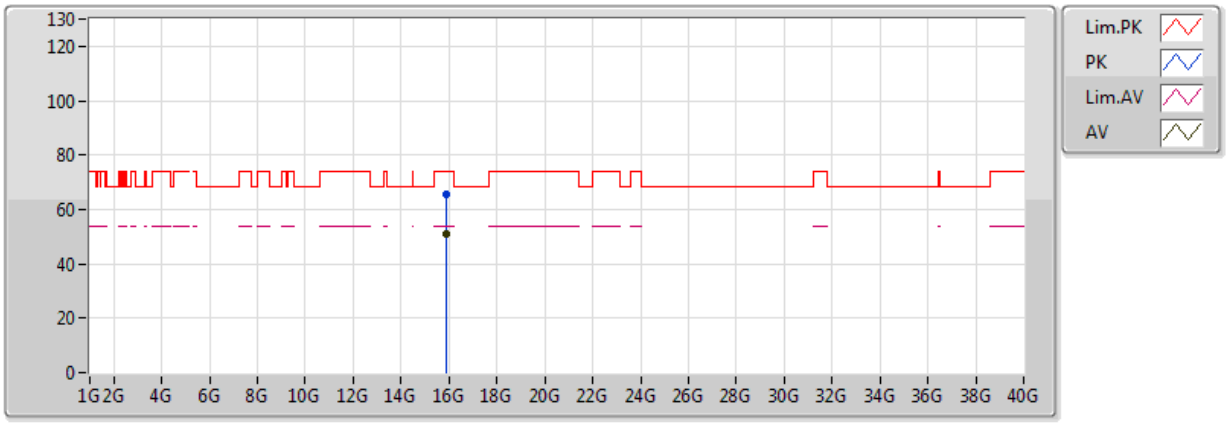


20170519
EUT Y 4TX
Setting 1D
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.89744G	48.99	54.00	-5.01	15.14	3	V	257	2.43	-
PK	15.89712G	63.06	74.00	-10.94	15.14	3	V	257	2.43	-

802.11a_(6Mbps)_4TX

5300MHz_TX

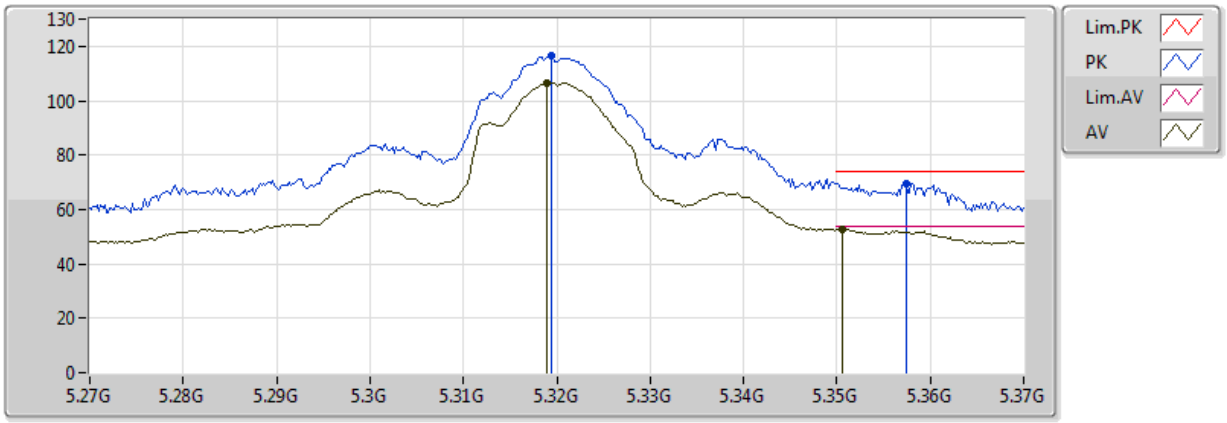


20170519
EUT Y 4TX
Setting 1D
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.90408G	50.94	54.00	-3.06	15.12	3	H	321	1.65	-
PK	15.90384G	65.62	74.00	-8.38	15.12	3	H	321	1.65	-

802.11a_(6Mbps)_4TX

5320MHz_TX

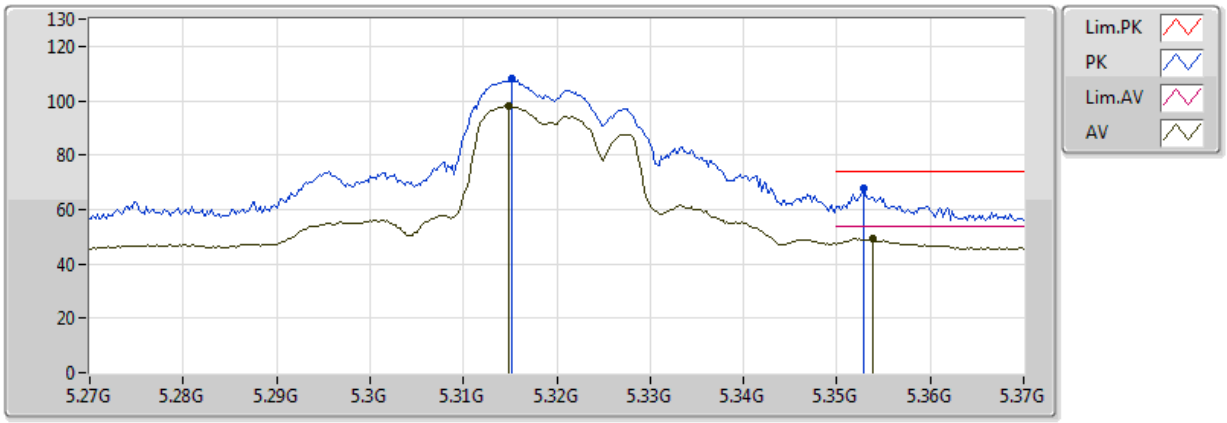


20170519
EUT Y 4TX
Setting 1B
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.319G	106.59	Inf	-Inf	5.77	3	V	290	1.85	-
AV	5.3506G	52.91	54.00	-1.09	5.83	3	V	290	1.85	-
PK	5.3194G	116.43	Inf	-Inf	5.77	3	V	290	1.85	-
PK	5.3574G	69.74	74.00	-4.26	5.84	3	V	290	1.85	-

802.11a_(6Mbps)_4TX

5320MHz_TX

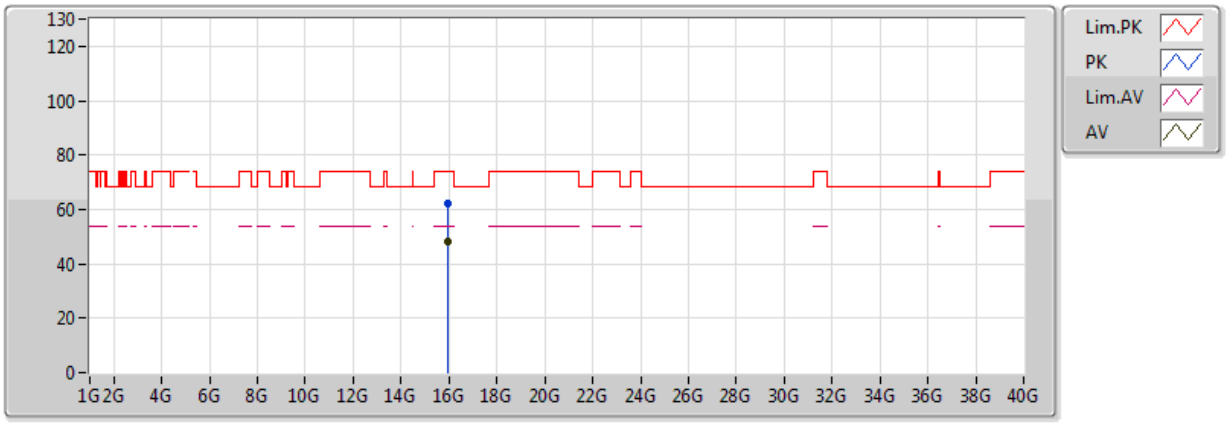


20170519
EUT Y 4TX
Setting 1B
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3148G	98.20	Inf	-Inf	5.77	3	H	278	2.72	-
AV	5.3538G	49.30	54.00	-4.70	5.83	3	H	278	2.72	-
PK	5.3152G	108.02	Inf	-Inf	5.77	3	H	278	2.72	-
PK	5.3528G	67.61	74.00	-6.39	5.83	3	H	278	2.72	-

802.11a_(6Mbps)_4TX

5320MHz_TX

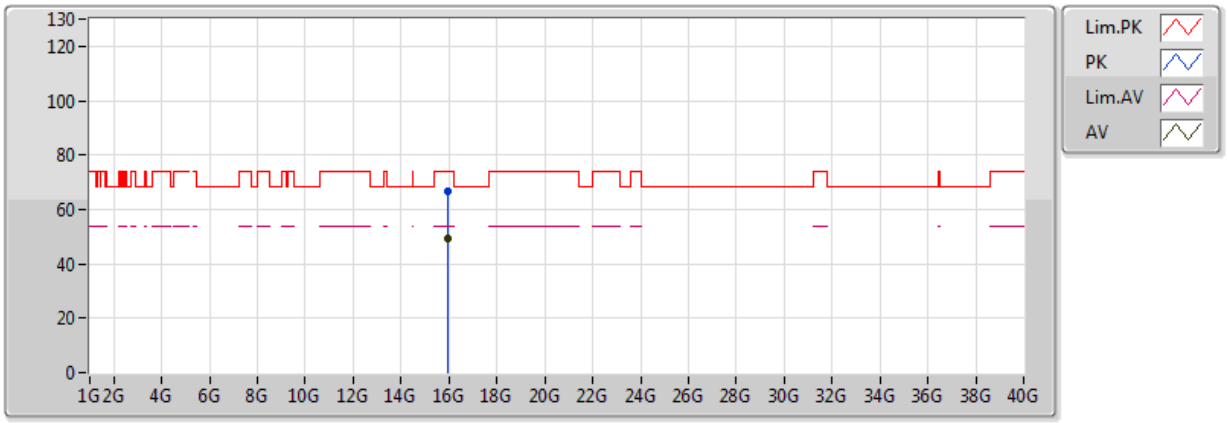


20170519
EUT Y 4TX
Setting 1B
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.95704G	48.25	54.00	-5.75	14.95	3	V	266	1.94	-
PK	15.95744G	62.26	74.00	-11.74	14.95	3	V	266	1.94	-

802.11a_(6Mbps)_4TX

5320MHz_TX

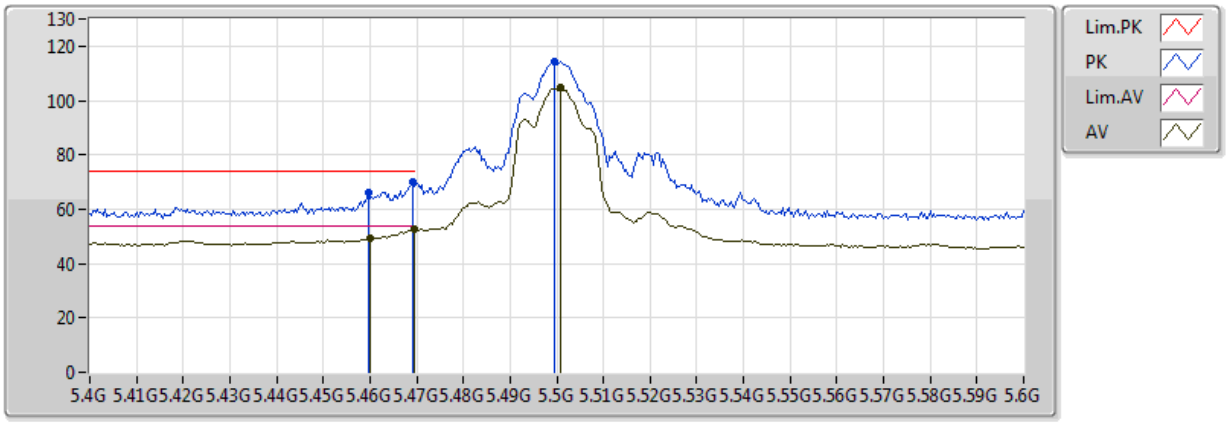


20170519
EUT Y 4TX
Setting 1B
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.96336G	49.10	54.00	-4.90	14.93	3	H	322	1.59	-
PK	15.96384G	66.61	74.00	-7.39	14.93	3	H	322	1.59	-

802.11a_(6Mbps)_4TX

5500MHz_TX

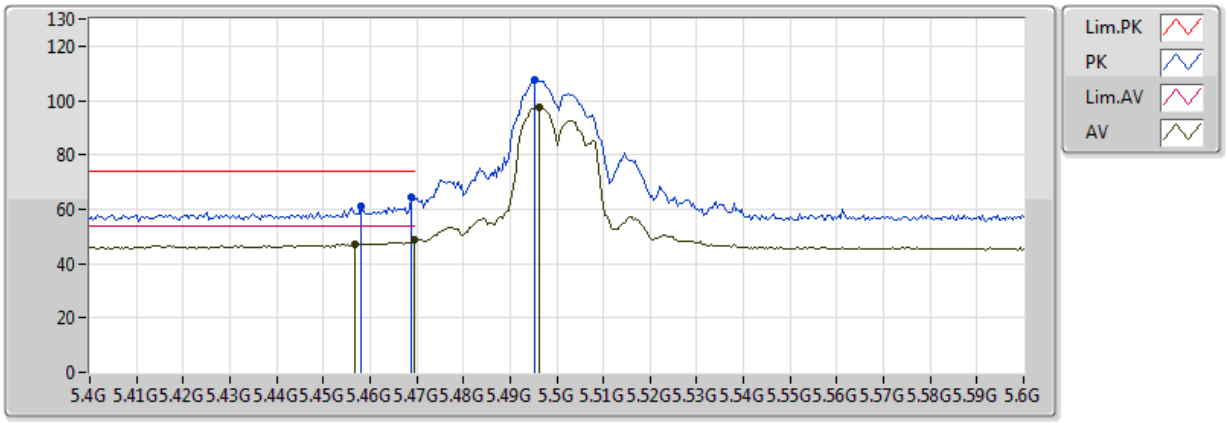


20170519
EUT Y 4TX
Setting 1C
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459997G	49.13	54.00	-4.87	6.06	3	V	290	1.80	-
AV	5.4696G	52.81	54.00	-1.19	6.08	3	V	290	1.80	-
AV	5.5008G	104.73	Inf	-Inf	6.16	3	V	290	1.80	-
PK	5.4596G	66.00	74.00	-8.00	6.06	3	V	290	1.80	-
PK	5.4692G	69.96	74.00	-4.04	6.08	3	V	290	1.80	-
PK	5.4996G	114.39	Inf	-Inf	6.16	3	V	290	1.80	-

802.11a_(6Mbps)_4TX

5500MHz_TX

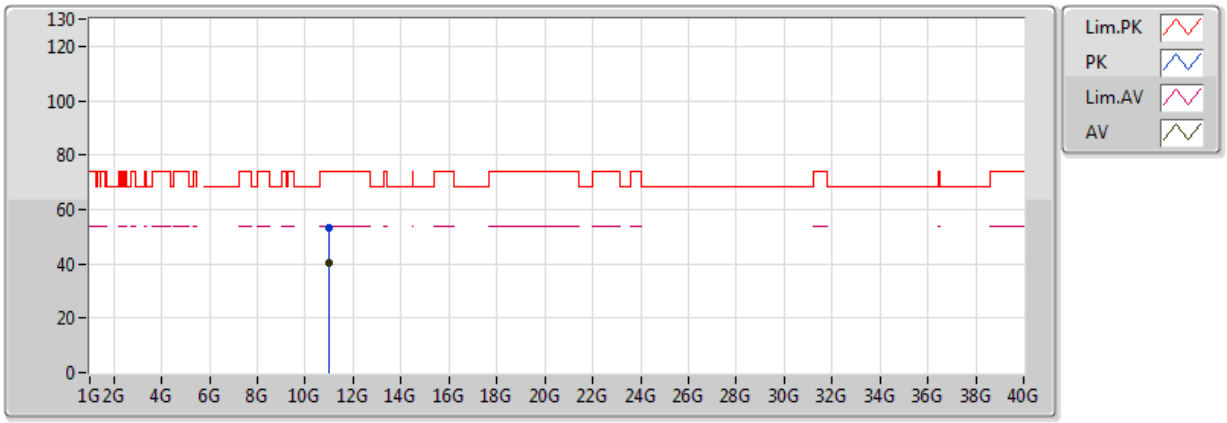


20170519
EUT Y 4TX
Setting 1C
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4568G	47.34	54.00	-6.66	6.05	3	H	275	2.70	-
AV	5.4696G	48.62	54.00	-5.38	6.08	3	H	275	2.70	-
AV	5.4964G	97.65	Inf	-Inf	6.15	3	H	275	2.70	-
PK	5.458G	61.21	74.00	-12.79	6.05	3	H	275	2.70	-
PK	5.4688G	64.30	74.00	-9.70	6.08	3	H	275	2.70	-
PK	5.4952G	107.34	Inf	-Inf	6.15	3	H	275	2.70	-

802.11a_(6Mbps)_4TX

5500MHz_TX

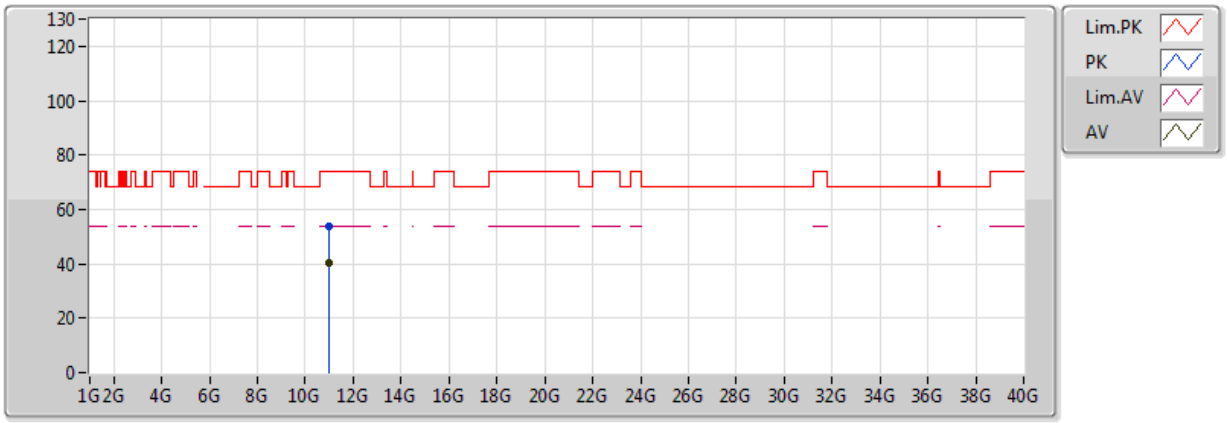


20170519
EUT Y 4TX
Setting 1C
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.99528G	40.23	54.00	-13.77	12.92	3	V	125	1.46	-
PK	11.00368G	53.25	74.00	-20.75	12.92	3	V	125	1.46	-

802.11a_(6Mbps)_4TX

5500MHz_TX

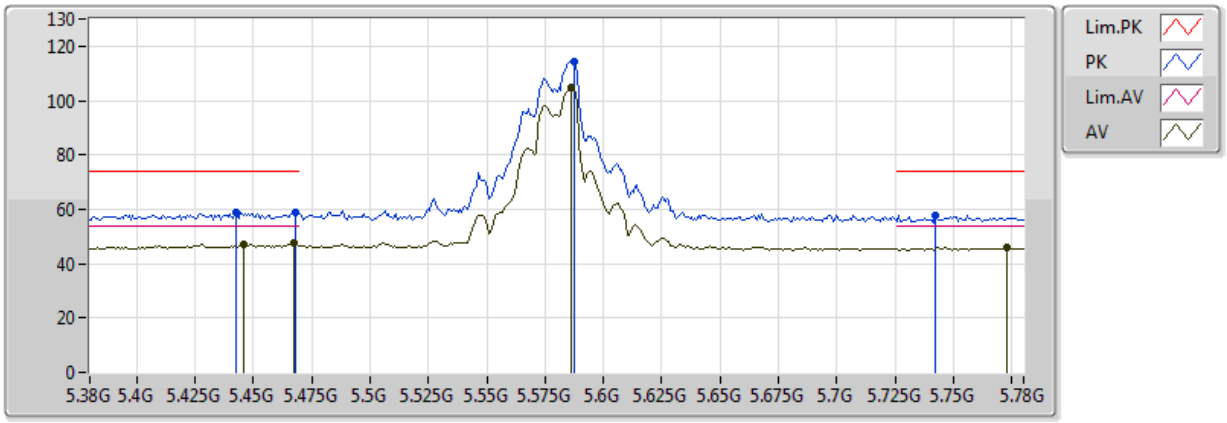


20170519
EUT Y 4TX
Setting 1C
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.00208G	40.15	54.00	-13.85	12.92	3	H	195	1.55	-
PK	11.0168G	53.53	74.00	-20.47	12.94	3	H	195	1.55	-

802.11a_(6Mbps)_4TX

5580MHz_TX

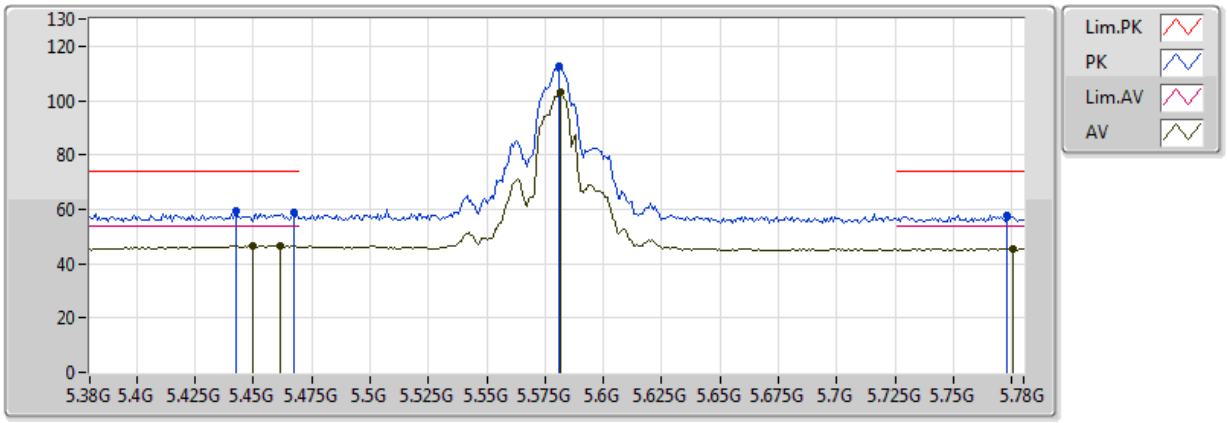


20170519
EUT Y 4TX
Setting 3F
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4456G	46.99	54.00	-7.01	6.02	3	V	277	2.44	-
AV	5.4672G	47.68	54.00	-6.32	6.08	3	V	277	2.44	-
AV	5.5864G	104.85	Inf	-Inf	6.23	3	V	277	2.44	-
AV	5.7728G	45.82	54.00	-8.18	6.25	3	V	277	2.44	-
PK	5.4424G	58.94	74.00	-15.06	6.02	3	V	277	2.44	-
PK	5.468G	58.62	74.00	-15.38	6.08	3	V	277	2.44	-
PK	5.5872G	114.56	Inf	-Inf	6.23	3	V	277	2.44	-
PK	5.7424G	57.74	74.00	-16.26	6.25	3	V	277	2.44	-

802.11a_(6Mbps)_4TX

5580MHz_TX

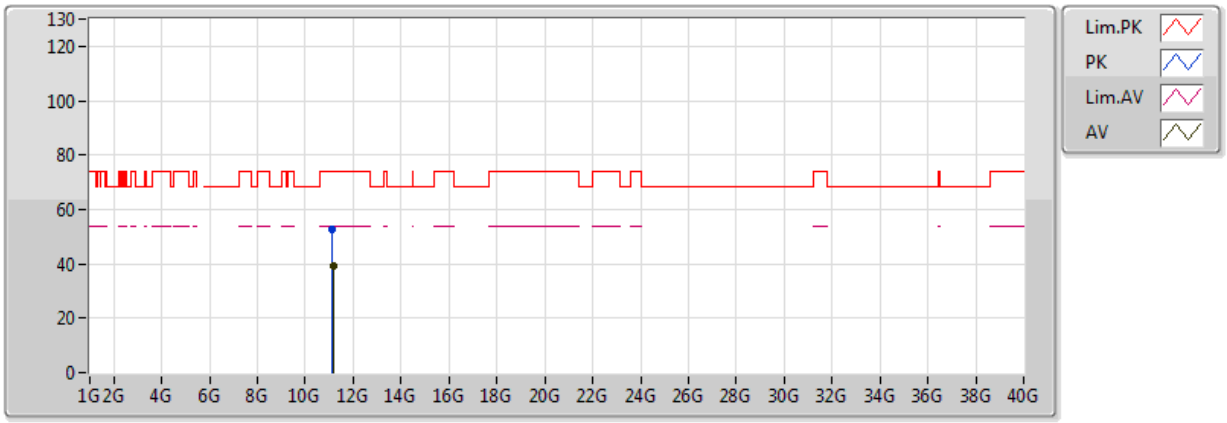


20170519
EUT Y 4TX
Setting 3F
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.44998G	46.64	54.00	-7.36	6.03	3	H	130	2.93	-
AV	5.4616G	46.73	54.00	-7.27	6.06	3	H	130	2.93	-
AV	5.5816G	103.29	Inf	-Inf	6.23	3	H	130	2.93	-
AV	5.7752G	45.49	54.00	-8.51	6.25	3	H	130	2.93	-
PK	5.4424G	59.31	74.00	-14.69	6.02	3	H	130	2.93	-
PK	5.4672G	58.68	74.00	-15.32	6.08	3	H	130	2.93	-
PK	5.5808G	112.44	Inf	-Inf	6.22	3	H	130	2.93	-
PK	5.7728G	57.70	74.00	-16.30	6.25	3	H	130	2.93	-

802.11a_(6Mbps)_4TX

5580MHz_TX

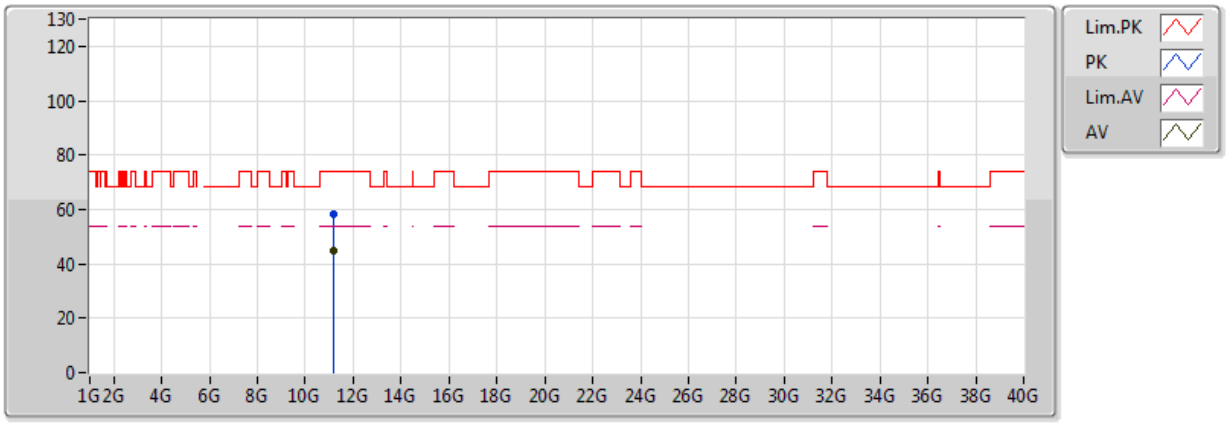


20170519
EUT Y 4TX
Setting 3F
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16104G	39.00	54.00	-15.00	13.08	3	V	209	1.50	-
PK	11.1404G	52.75	74.00	-21.25	13.06	3	V	209	1.50	-

802.11a_(6Mbps)_4TX

5580MHz_TX

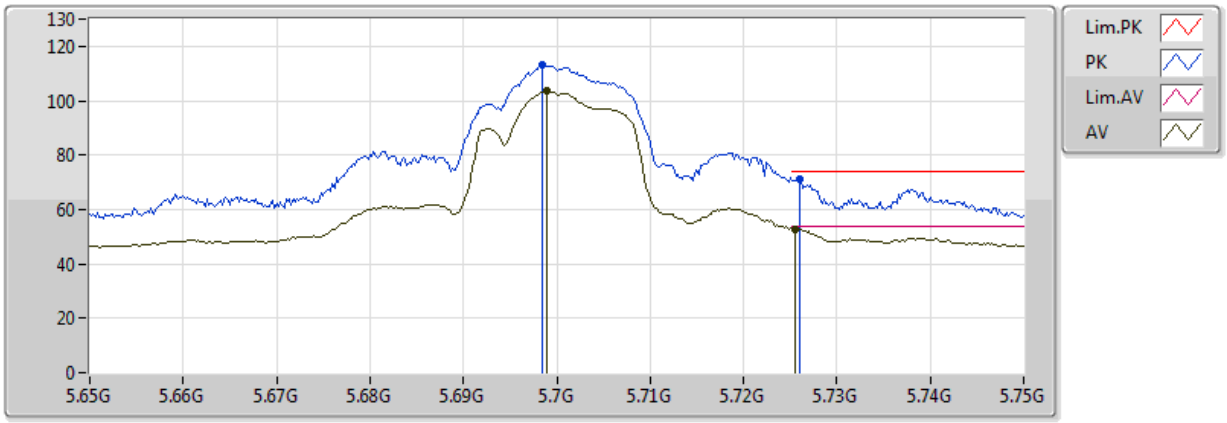


20170519
EUT Y 4TX
Setting 3F
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.15408G	44.82	54.00	-9.18	13.08	3	H	349	2.19	-
PK	11.15648G	58.01	74.00	-15.99	13.08	3	H	349	2.19	-

802.11a_(6Mbps)_4TX

5700MHz_TX

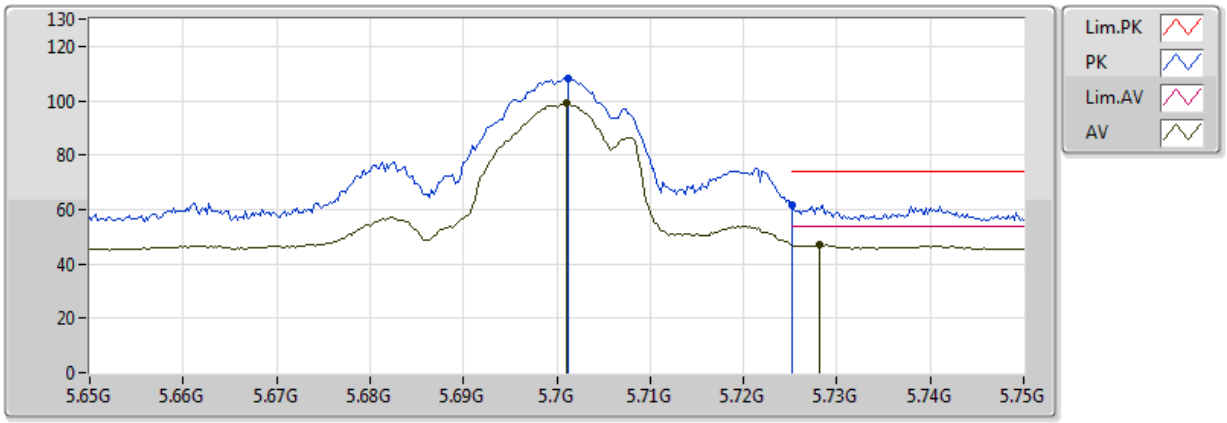


20170519
EUT Y 4TX
Setting 17
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.699G	103.59	Inf	-Inf	6.25	3	V	291	1.84	-
AV	5.7256G	52.94	54.00	-1.06	6.25	3	V	291	1.84	-
PK	5.6984G	112.95	Inf	-Inf	6.25	3	V	291	1.84	-
PK	5.726G	71.35	74.00	-2.65	6.25	3	V	291	1.84	-

802.11a_(6Mbps)_4TX

5700MHz_TX

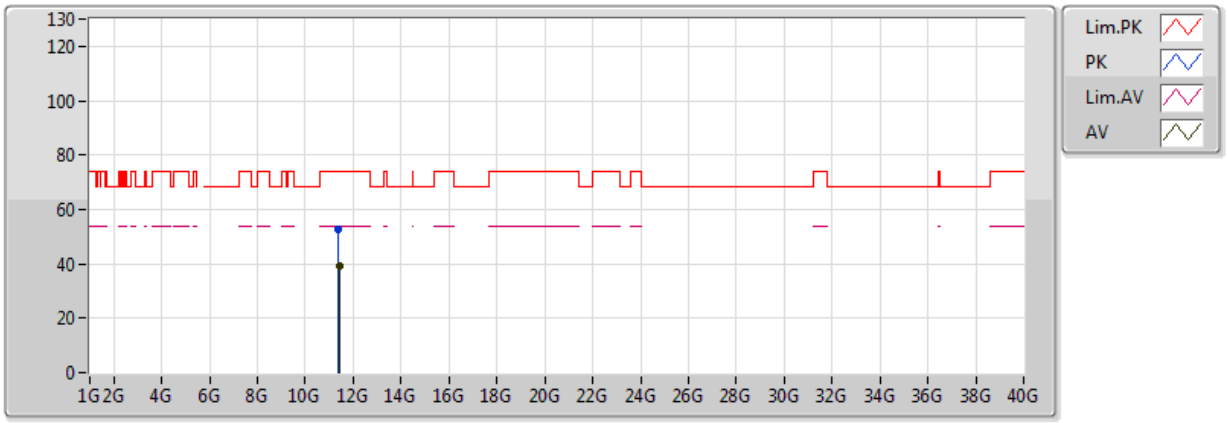


20170519
EUT Y 4TX
Setting 17
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.701G	99.04	Inf	-Inf	6.25	3	H	130	2.84	-
AV	5.7282G	47.12	54.00	-6.88	6.25	3	H	130	2.84	-
PK	5.7012G	108.32	Inf	-Inf	6.25	3	H	130	2.84	-
PK	5.7252G	61.43	74.00	-12.57	6.25	3	H	130	2.84	-

802.11a_(6Mbps)_4TX

5700MHz_TX

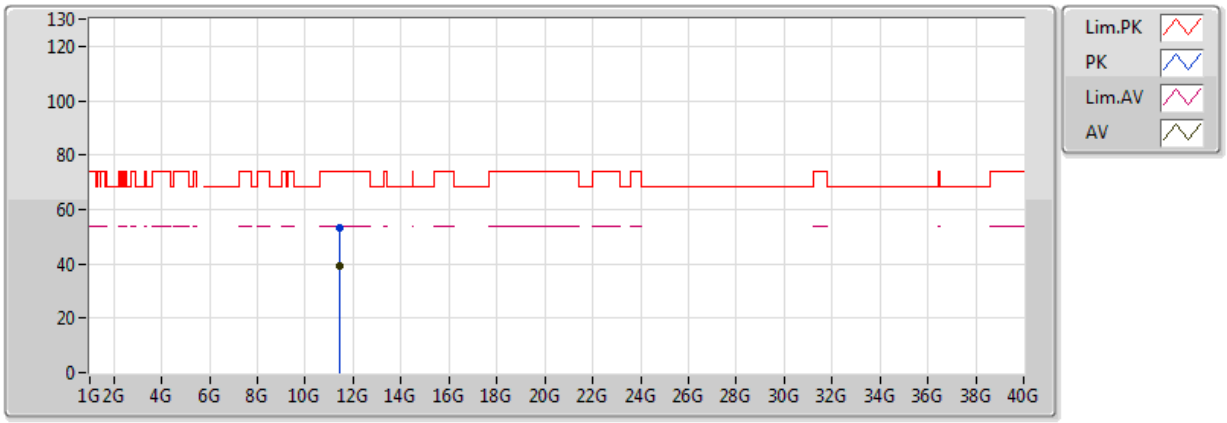


20170519
EUT Y 4TX
Setting 17
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.41024G	39.39	54.00	-14.61	13.34	3	V	139	1.38	-
PK	11.38976G	52.78	74.00	-21.22	13.32	3	V	139	1.38	-

802.11a_(6Mbps)_4TX

5700MHz_TX

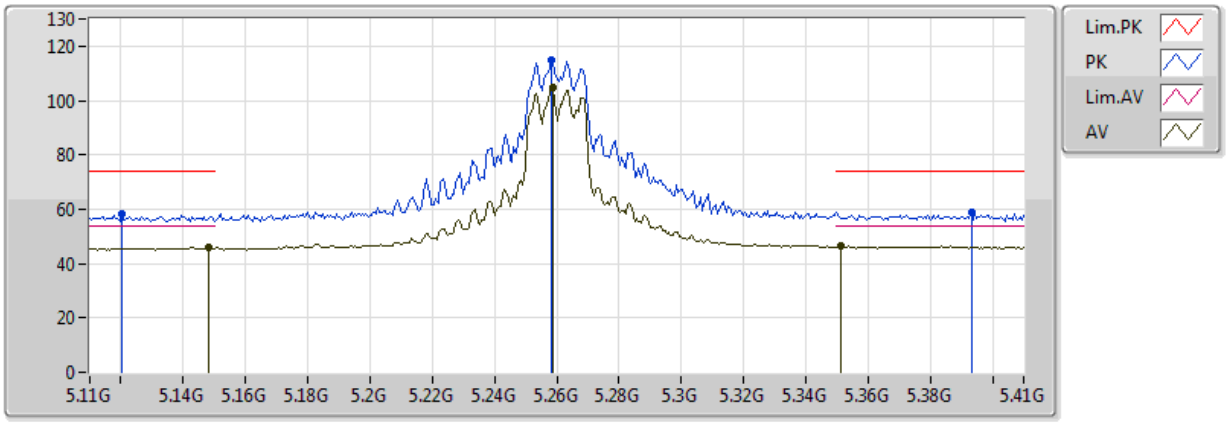


20170519
EUT Y 4TX
Setting 17
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.41888G	39.50	54.00	-14.50	13.35	3	H	1	2.23	-
PK	11.40768G	53.42	74.00	-20.58	13.34	3	H	1	2.23	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX

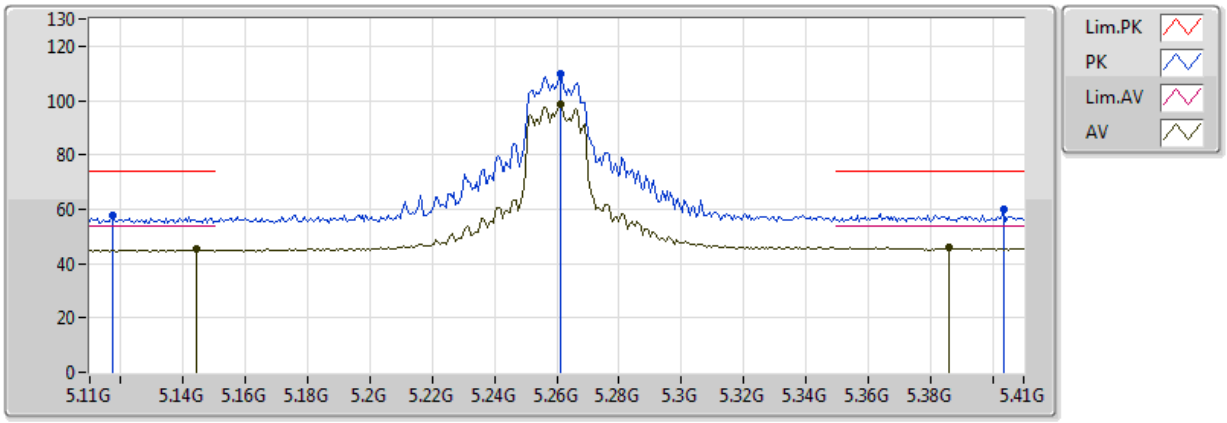


20170519
EUT Y 4TX
Setting 1C
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1484G	45.69	54.00	-8.31	5.44	3	V	274	1.89	-
AV	5.2588G	104.89	Inf	-Inf	5.66	3	V	274	1.89	-
AV	5.3512G	46.52	54.00	-7.48	5.83	3	V	274	1.89	-
PK	5.1202G	58.27	74.00	-15.73	5.38	3	V	274	1.89	-
PK	5.2582G	114.86	Inf	-Inf	5.66	3	V	274	1.89	-
PK	5.3932G	58.96	74.00	-15.04	5.90	3	V	274	1.89	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX

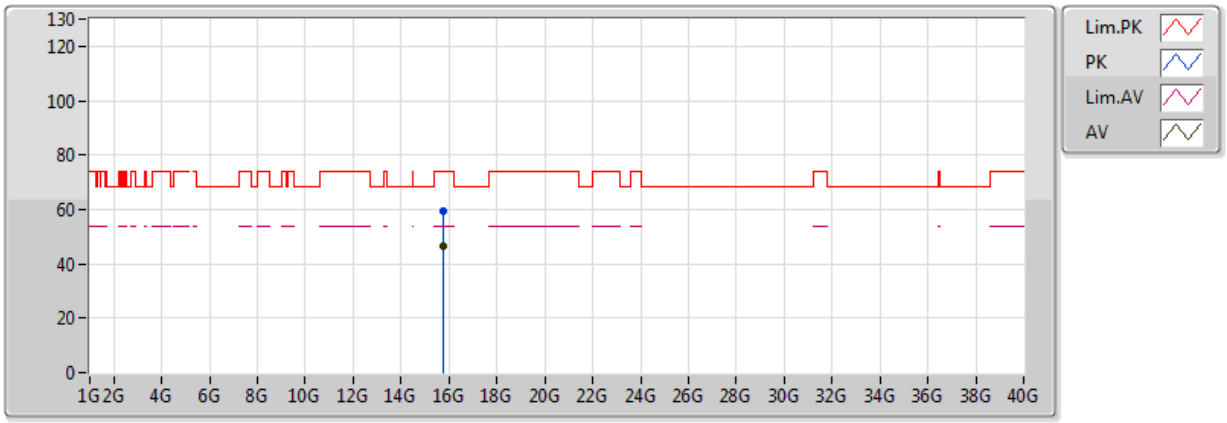


20170519
EUT Y 4TX
Setting 1C
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1442G	45.20	54.00	-8.80	5.43	3	H	320	2.61	-
AV	5.2612G	98.78	Inf	-Inf	5.67	3	H	320	2.61	-
AV	5.386G	45.80	54.00	-8.20	5.89	3	H	320	2.61	-
PK	5.1172G	57.76	74.00	-16.24	5.38	3	H	320	2.61	-
PK	5.2612G	109.55	Inf	-Inf	5.67	3	H	320	2.61	-
PK	5.4034G	59.77	74.00	-14.23	5.92	3	H	320	2.61	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX

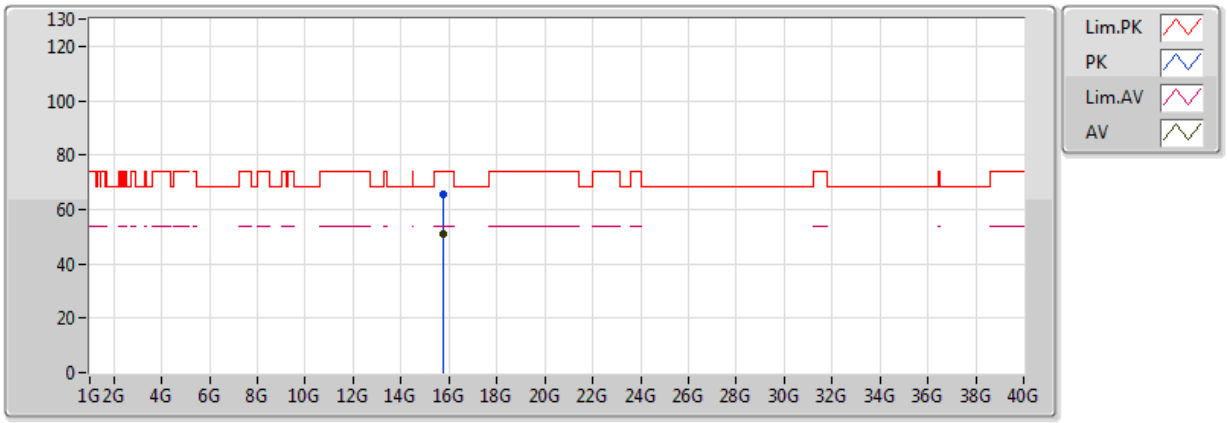


20170519
EUT Y 4TX
Setting 1C
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.76856G	46.47	54.00	-7.53	15.56	3	V	45	1.29	-
PK	15.78664G	59.40	74.00	-14.60	15.50	3	V	45	1.29	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX

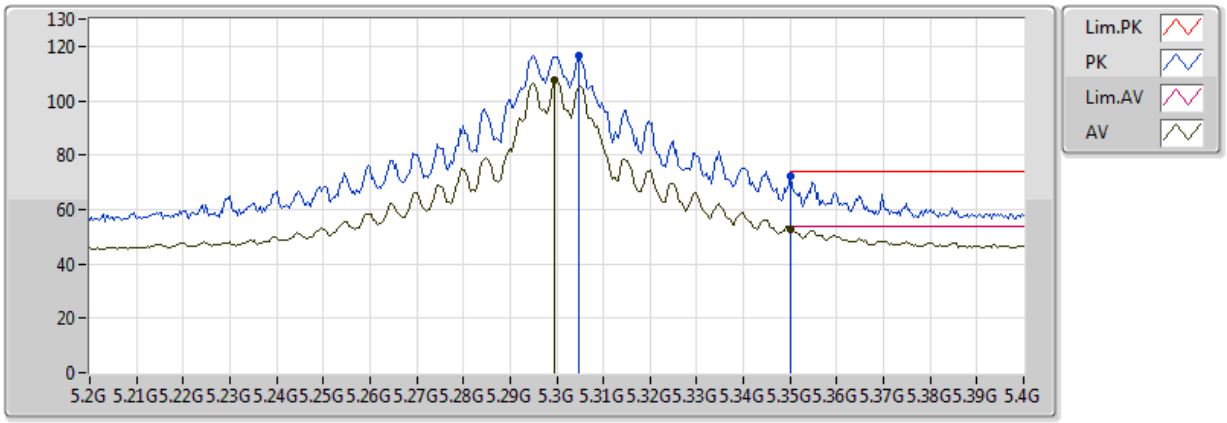


20170519
EUT Y 4TX
Setting 1C
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.77792G	50.94	54.00	-3.06	15.53	3	H	320	1.61	-
PK	15.77744G	65.30	74.00	-8.70	15.53	3	H	320	1.61	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz_TX

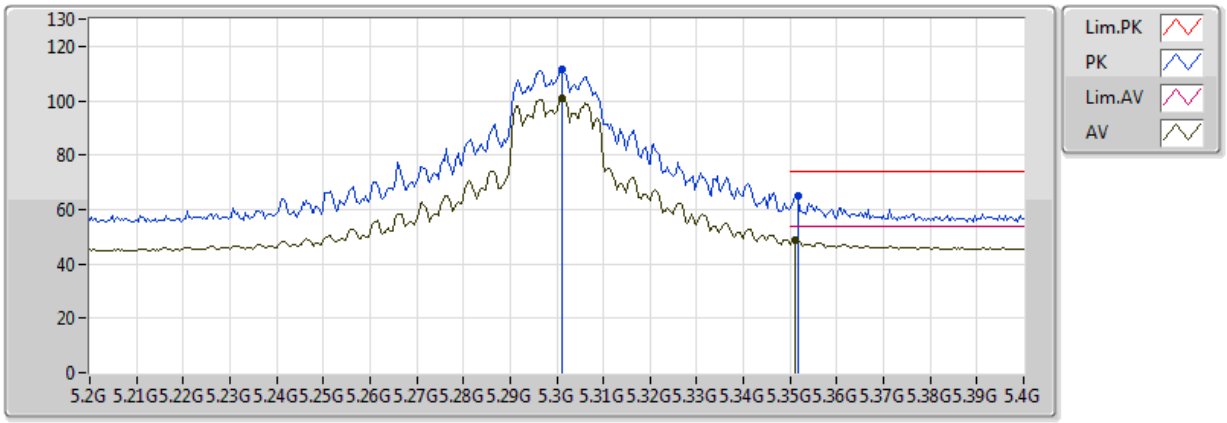


20170519
EUT Y 4TX
Setting 22
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2996G	107.41	Inf	-Inf	5.74	3	V	290	1.83	-
AV	5.350005G	52.94	54.00	-1.06	5.83	3	V	290	1.83	-
PK	5.3048G	116.53	Inf	-Inf	5.75	3	V	290	1.83	-
PK	5.350005G	72.21	74.00	-1.79	5.83	3	V	290	1.83	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz_TX

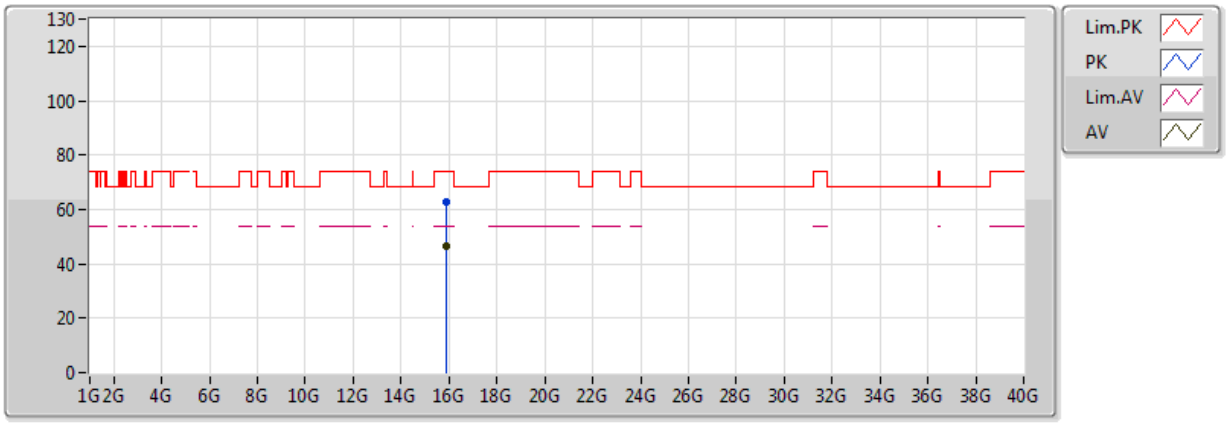


20170519
EUT Y 4TX
Setting 22
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3012G	100.97	Inf	-Inf	5.74	3	H	317	2.69	-
AV	5.3512G	48.72	54.00	-5.28	5.83	3	H	317	2.69	-
PK	5.3012G	111.39	Inf	-Inf	5.74	3	H	317	2.69	-
PK	5.3516G	65.16	74.00	-8.84	5.83	3	H	317	2.69	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz_TX

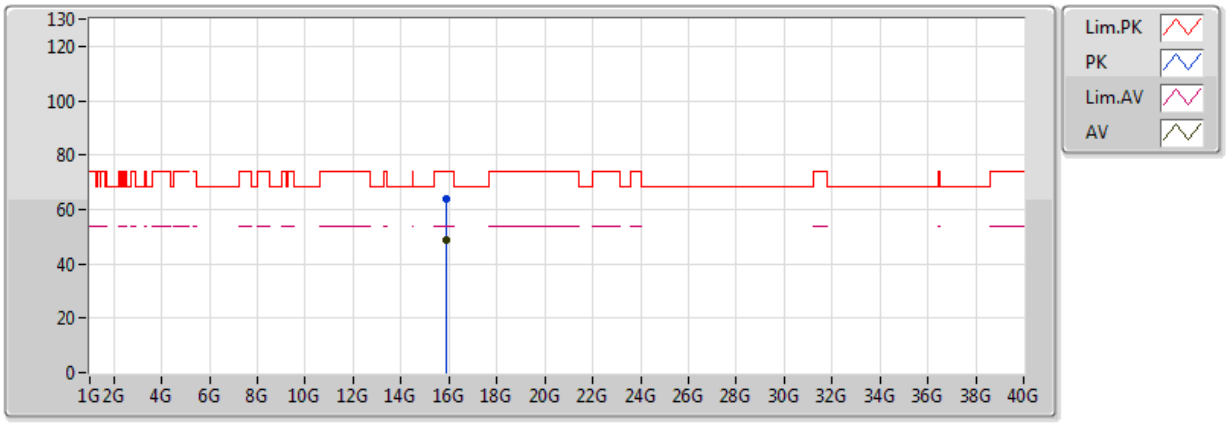


20170519
EUT Y 4TX
Setting 22
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.89816G	46.65	54.00	-7.35	15.14	3	V	249	2.67	-
PK	15.89824G	62.88	74.00	-11.12	15.14	3	V	249	2.67	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz_TX

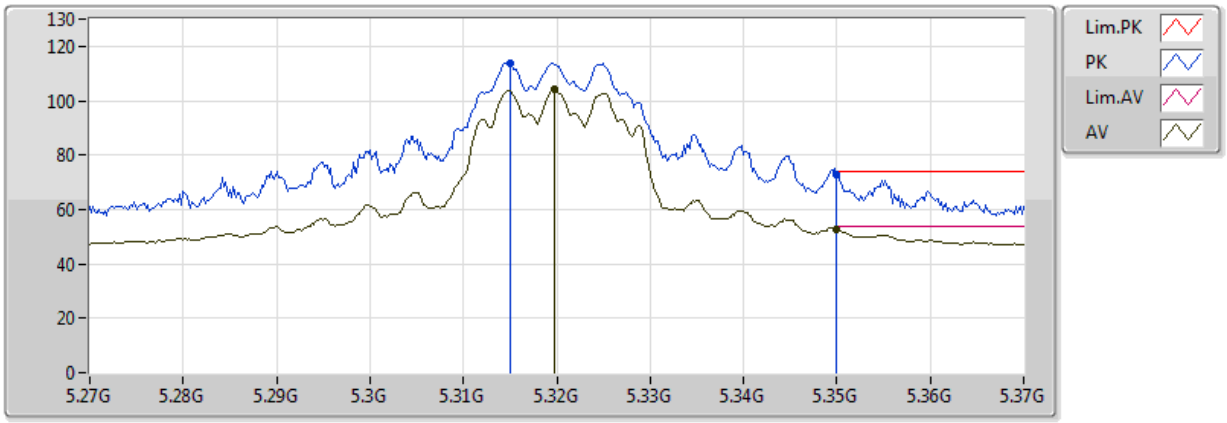


20170519
EUT Y 4TX
Setting 22
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.89808G	48.99	54.00	-5.01	15.14	3	H	303	2.56	-
PK	15.89272G	64.12	74.00	-9.88	15.16	3	H	303	2.56	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz_TX

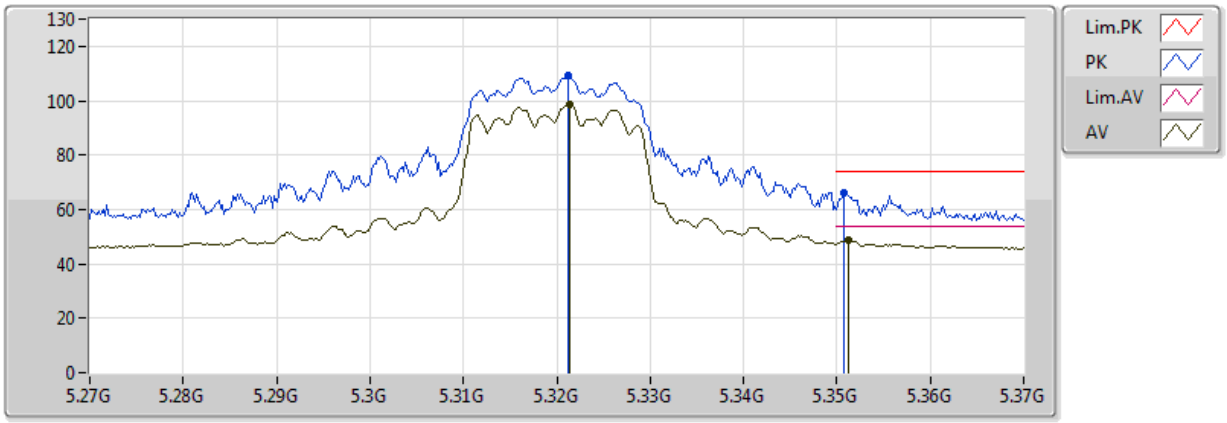


20170519
EUT Y 4TX
Setting 1B
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3198G	104.20	Inf	-Inf	5.77	3	V	289	2.12	-
AV	5.350005G	52.85	54.00	-1.15	5.83	3	V	289	2.12	-
PK	5.315G	113.99	Inf	-Inf	5.77	3	V	289	2.12	-
PK	5.350005G	72.94	74.00	-1.06	5.83	3	V	289	2.12	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz_TX

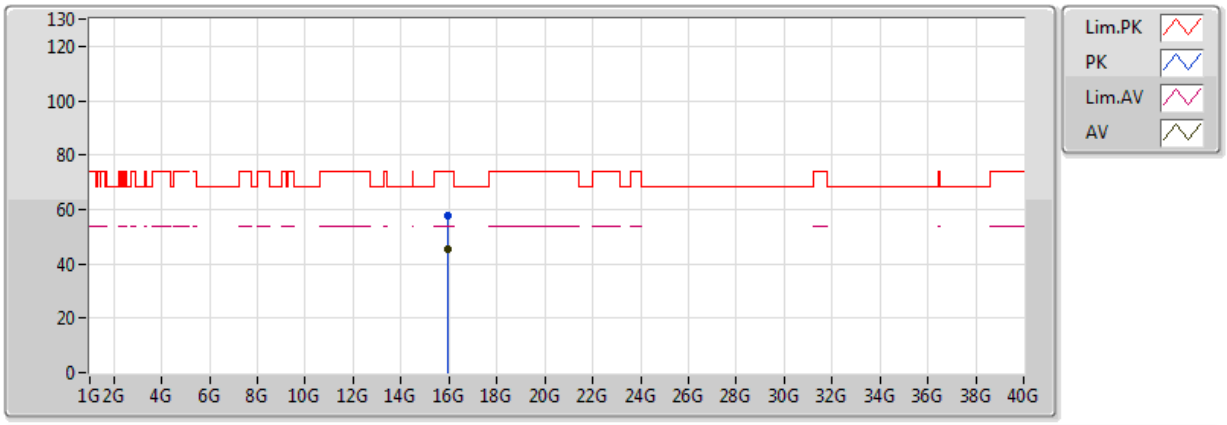


20170519
EUT Y 4TX
Setting 1B
03-Z-1-10
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3214G	98.52	Inf	-Inf	5.78	3	H	318	2.64	-
AV	5.3512G	48.81	54.00	-5.19	5.83	3	H	318	2.64	-
PK	5.3212G	109.32	Inf	-Inf	5.78	3	H	318	2.64	-
PK	5.3508G	66.18	74.00	-7.82	5.83	3	H	318	2.64	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz_TX

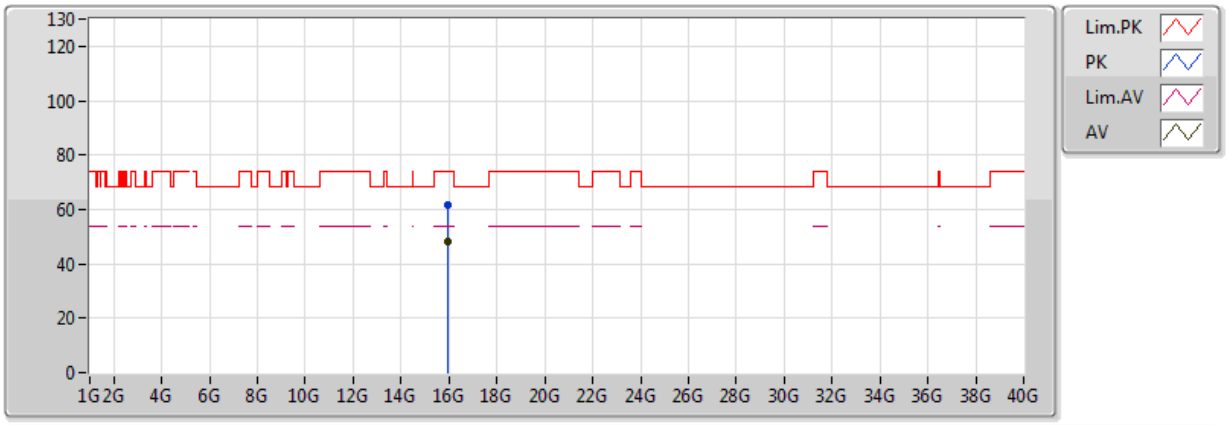


20170519
EUT Y 4TX
Setting 1B
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.9616G	45.30	54.00	-8.70	14.93	3	V	166	1.54	-
PK	15.95368G	57.95	74.00	-16.05	14.96	3	V	166	1.54	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz_TX

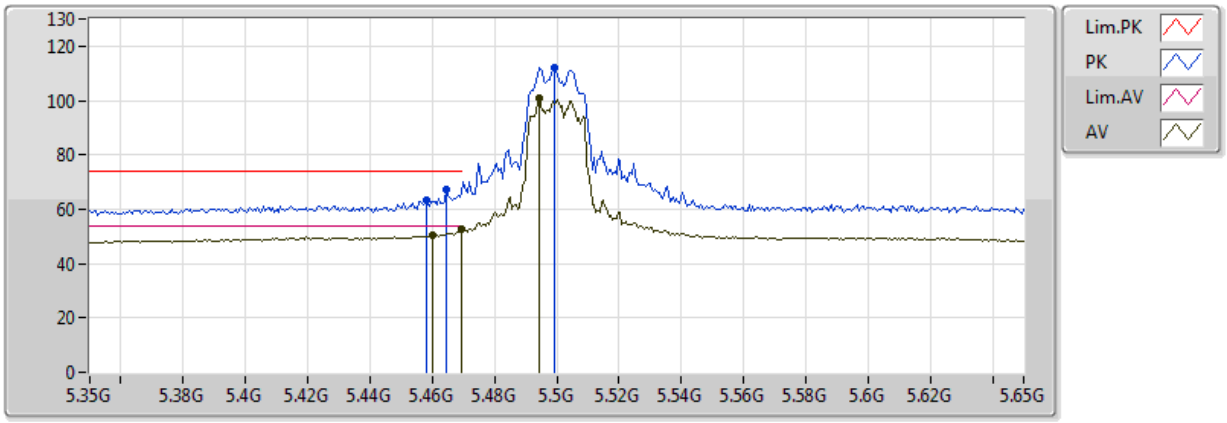


20170519
EUT Y 4TX
Setting 1B
03-Z-1
FSP(100019)
Non-TXBF

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.95832G	48.39	54.00	-5.61	14.95	3	H	318	2.87	-
PK	15.96312G	61.65	74.00	-12.35	14.93	3	H	318	2.87	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz_TX

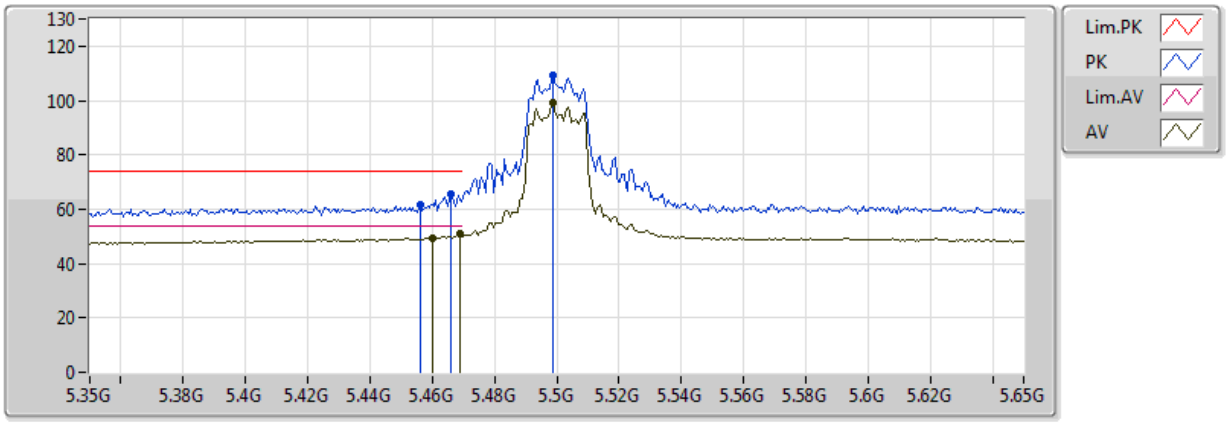


20170520
EUT Y_4TX
Setting 1D
02-P-2-10
FSP(100142)

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	50.36	54.00	-3.64	9.59	3	V	4	2.10	-
AV	5.4694G	52.57	54.00	-1.43	9.61	3	V	4	2.10	-
AV	5.4946G	100.75	Inf	-Inf	9.68	3	V	4	2.10	-
PK	5.458G	63.05	74.00	-10.95	9.58	3	V	4	2.10	-
PK	5.4646G	67.35	74.00	-6.65	9.60	3	V	4	2.10	-
PK	5.4994G	111.80	Inf	-Inf	9.69	3	V	4	2.10	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz_TX

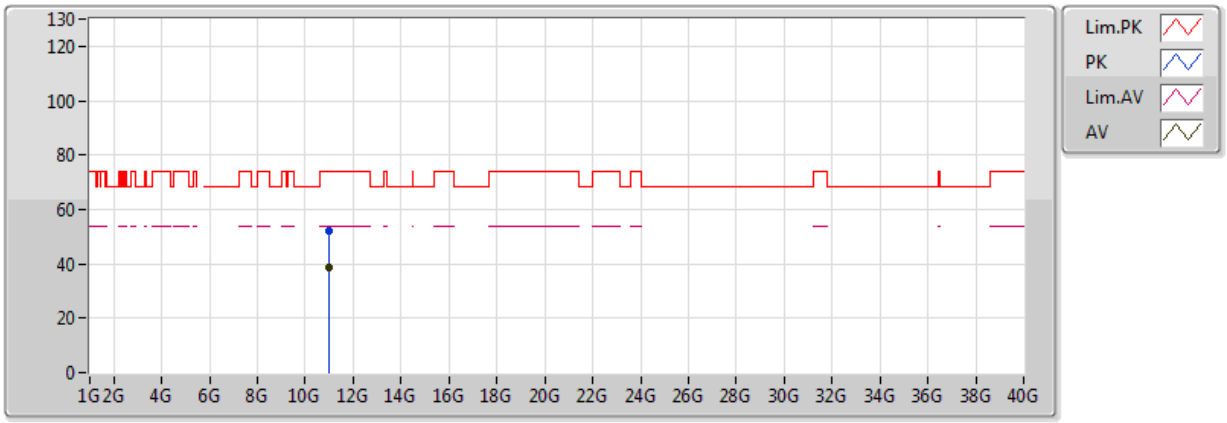


20170520
EUT Y_4TX
Setting 1D
02-P-2-10
FSP(100142)

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	49.42	54.00	-4.58	9.59	3	H	315	1.90	-
AV	5.4688G	50.83	54.00	-3.17	9.61	3	H	315	1.90	-
AV	5.4988G	99.05	Inf	-Inf	9.69	3	H	315	1.90	-
PK	5.4562G	61.87	74.00	-12.13	9.58	3	H	315	1.90	-
PK	5.4658G	65.31	74.00	-8.69	9.60	3	H	315	1.90	-
PK	5.4988G	109.22	Inf	-Inf	9.69	3	H	315	1.90	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz_TX

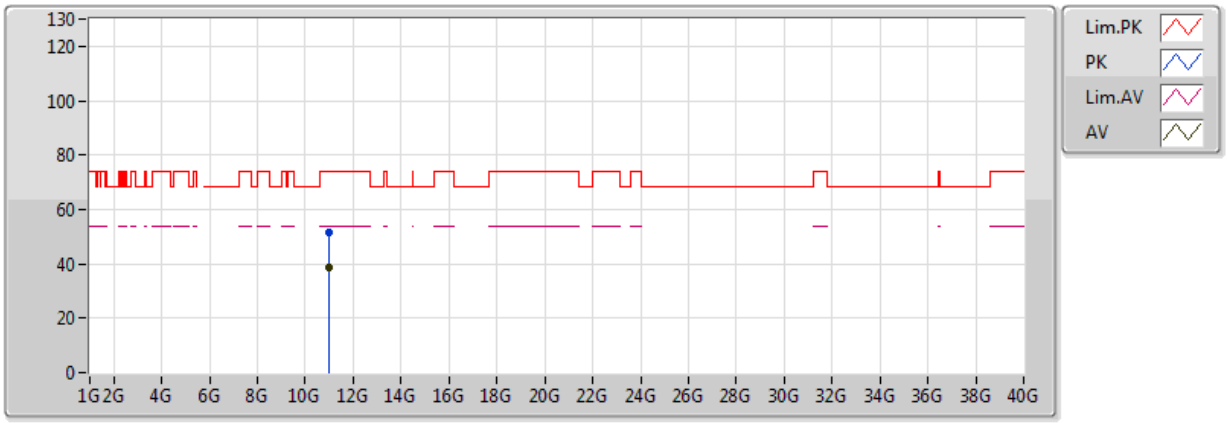


20170520
EUT Y_4TX
Setting 1D
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.9865G	38.58	54.00	-15.42	15.84	3	V	5	2.72	-
PK	10.99274G	51.88	74.00	-22.12	15.83	3	V	5	2.72	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz_TX

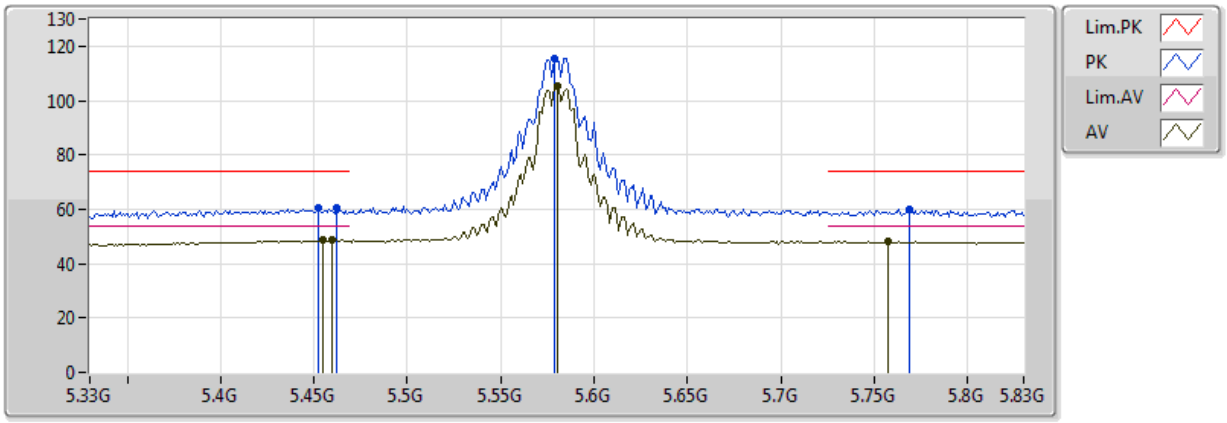


20170520
EUT Y_4TX
Setting 1D
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.99178G	38.45	54.00	-15.55	15.84	3	H	56	2.59	-
PK	10.98542G	51.32	74.00	-22.68	15.84	3	H	56	2.59	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz_TX

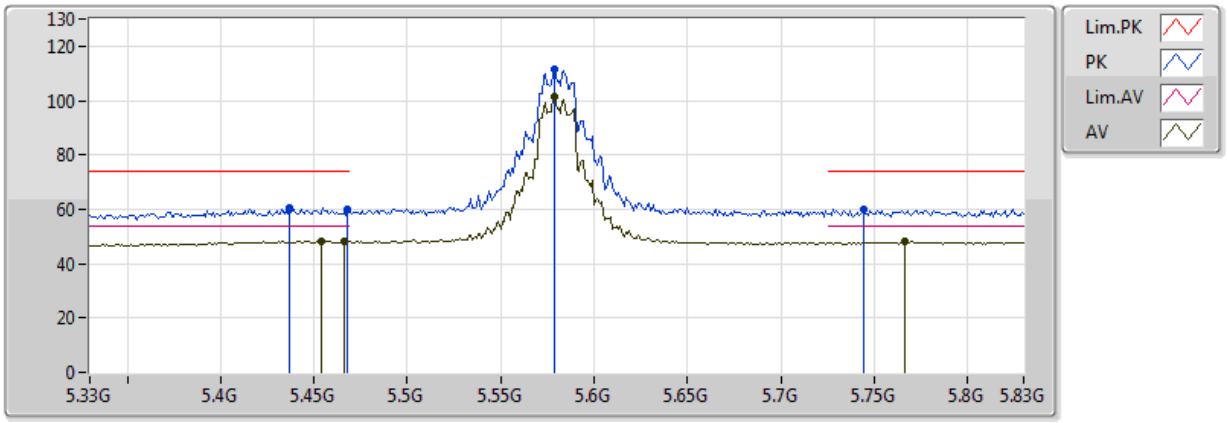


20170520
EUT Y_4TX
Setting 3F(Max Setting)
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.455G	48.64	54.00	-5.36	9.57	3	V	83	1.77	-
AV	5.460005G	48.63	54.00	-5.37	9.59	3	V	83	1.77	-
AV	5.58G	105.60	Inf	-Inf	9.76	3	V	83	1.77	-
AV	5.757G	48.01	54.00	-5.99	9.81	3	V	83	1.77	-
PK	5.452G	60.43	74.00	-13.57	9.57	3	V	83	1.77	-
PK	5.462G	60.66	74.00	-13.34	9.59	3	V	83	1.77	-
PK	5.579G	115.51	Inf	-Inf	9.76	3	V	83	1.77	-
PK	5.769G	59.85	74.00	-14.15	9.81	3	V	83	1.77	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz_TX

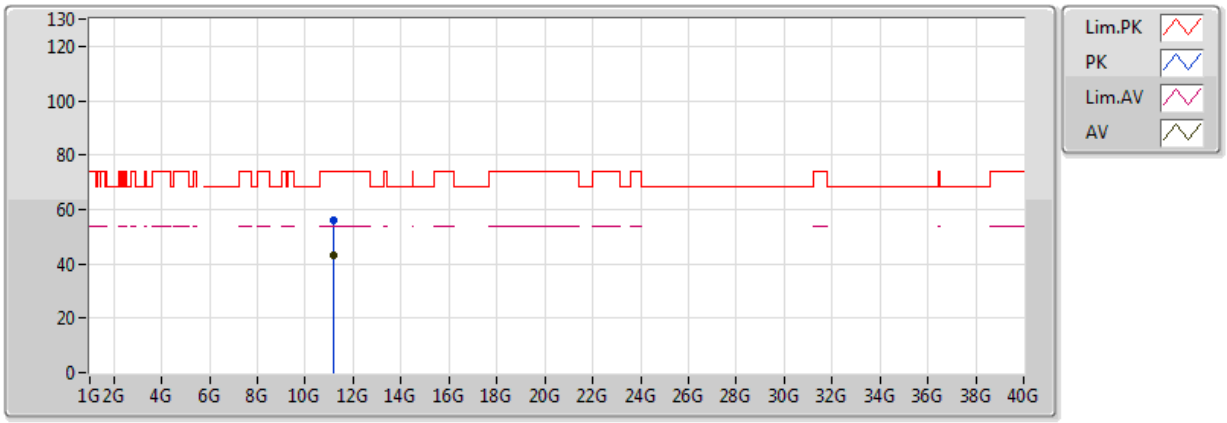


20170520
EUT Y_4TX
Setting 3F(Max Setting)
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.454G	48.25	54.00	-5.75	9.57	3	H	314	1.90	-
AV	5.466G	48.14	54.00	-5.86	9.60	3	H	314	1.90	-
AV	5.579G	101.56	Inf	-Inf	9.76	3	H	314	1.90	-
AV	5.766G	48.00	54.00	-6.00	9.81	3	H	314	1.90	-
PK	5.437G	60.40	74.00	-13.60	9.53	3	H	314	1.90	-
PK	5.468G	59.95	74.00	-14.05	9.61	3	H	314	1.90	-
PK	5.579G	111.48	Inf	-Inf	9.76	3	H	314	1.90	-
PK	5.744G	60.03	74.00	-13.97	9.81	3	H	314	1.90	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz_TX

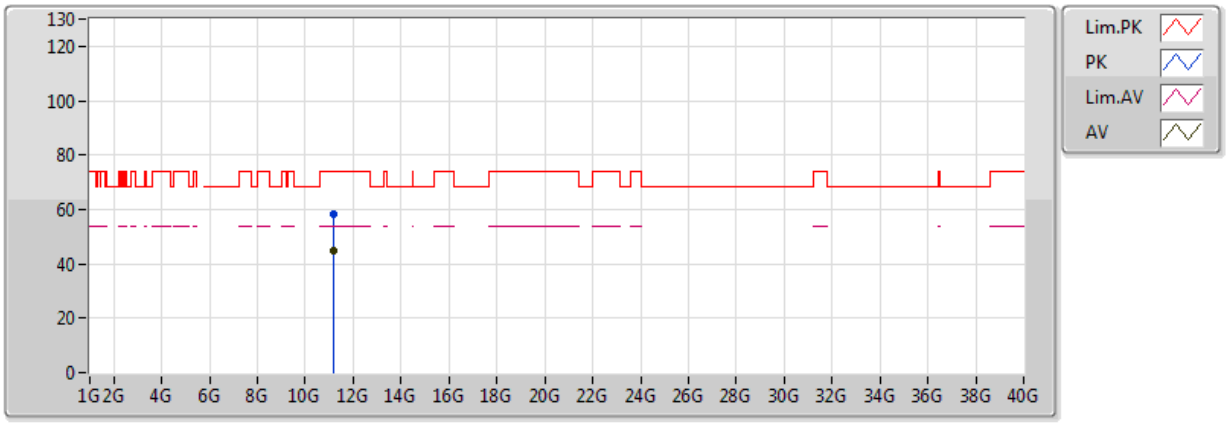


20170520
EUT Y_4TX
Setting 3F(Max Setting)
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16198G	43.04	54.00	-10.96	15.99	3	V	294	1.58	-
PK	11.16654G	56.01	74.00	-17.99	15.99	3	V	294	1.58	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz_TX

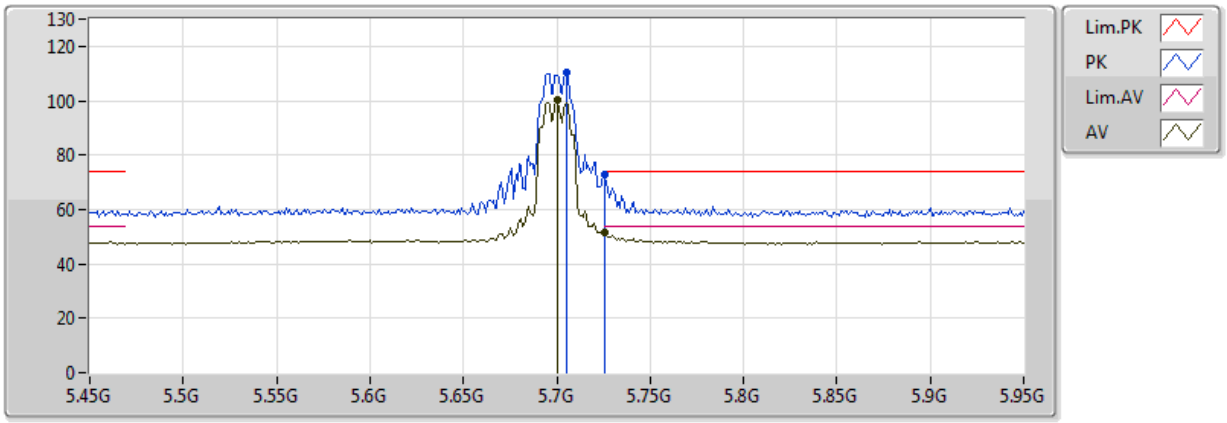


20170520
EUT Y_4TX
Setting 3F(Max Setting)
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16168G	45.09	54.00	-8.91	15.99	3	H	294	2.95	-
PK	11.15634G	58.00	74.00	-16.00	15.98	3	H	294	2.95	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5700MHz_TX

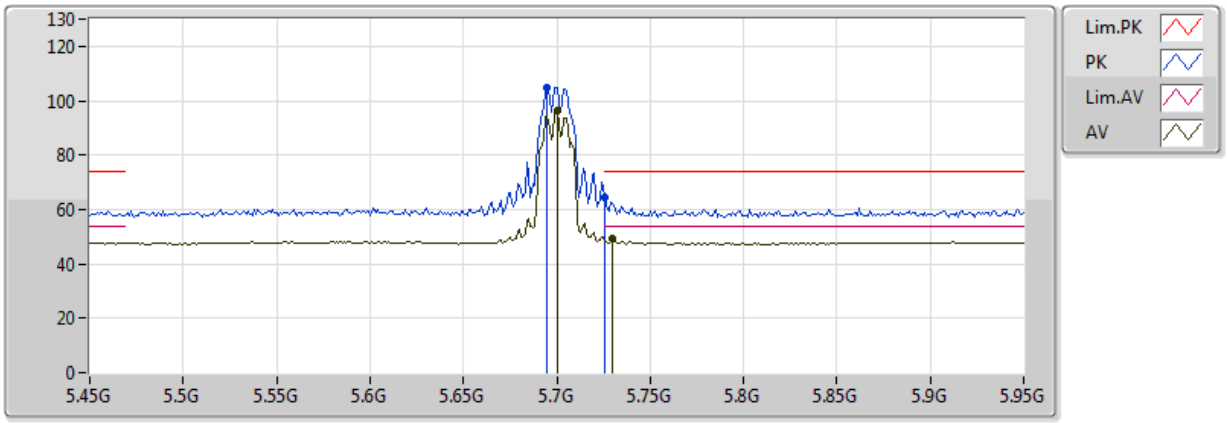


20170520
EUT Y_4TX
Setting 18
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7G	100.45	Inf	-Inf	9.80	3	V	81	1.88	-
AV	5.726G	51.34	54.00	-2.66	9.81	3	V	81	1.88	-
PK	5.705G	110.22	Inf	-Inf	9.80	3	V	81	1.88	-
PK	5.726G	72.57	74.00	-1.43	9.81	3	V	81	1.88	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5700MHz_TX

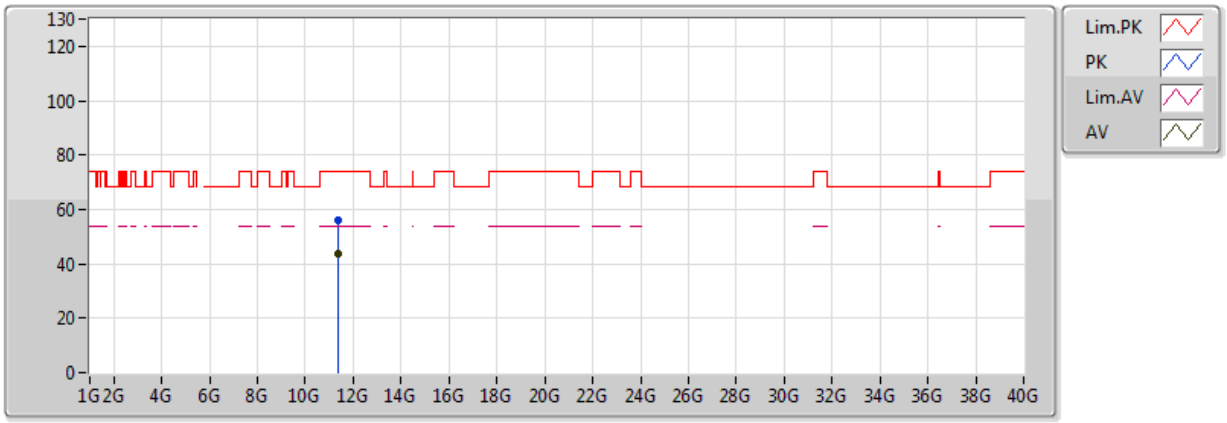


20170520
EUT Y_4TX
Setting 18
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7G	96.31	Inf	-Inf	9.80	3	H	254	1.84	-
AV	5.73G	49.09	54.00	-4.91	9.81	3	H	254	1.84	-
PK	5.695G	104.94	Inf	-Inf	9.80	3	H	254	1.84	-
PK	5.726G	64.57	74.00	-9.43	9.81	3	H	254	1.84	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5700MHz_TX

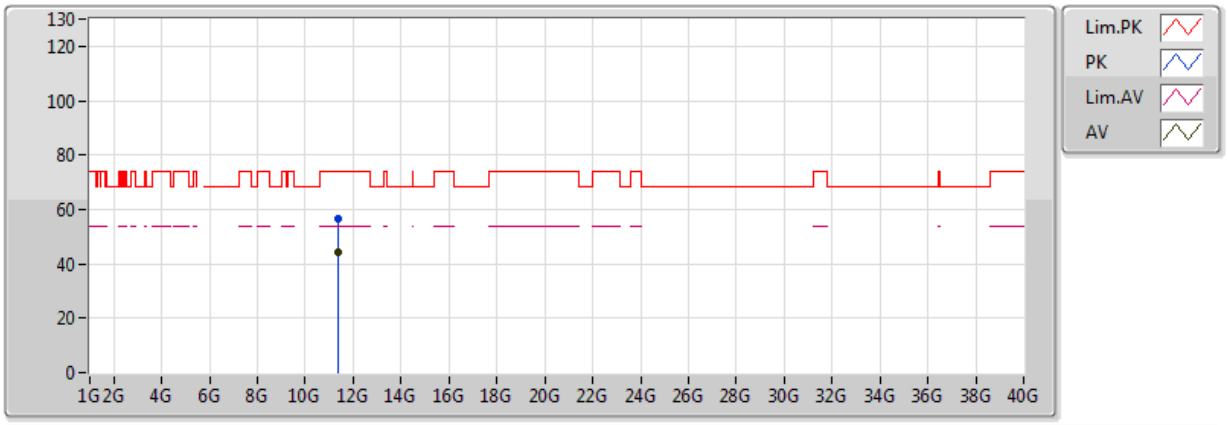


20170520
EUT Y_4TX
Setting 18
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.39964G	43.47	54.00	-10.53	16.23	3	V	238	1.56	-
PK	11.39004G	56.27	74.00	-17.73	16.22	3	V	238	1.56	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5700MHz_TX

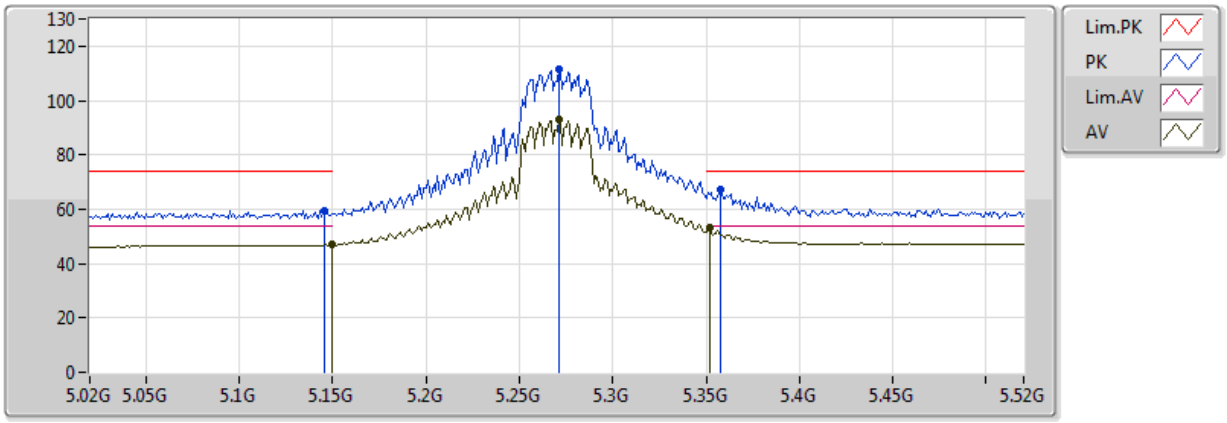


20170520
EUT Y_4TX
Setting 18
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4G	44.10	54.00	-9.90	16.23	3	H	289	2.23	-
PK	11.39916G	56.71	74.00	-17.29	16.23	3	H	289	2.23	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX

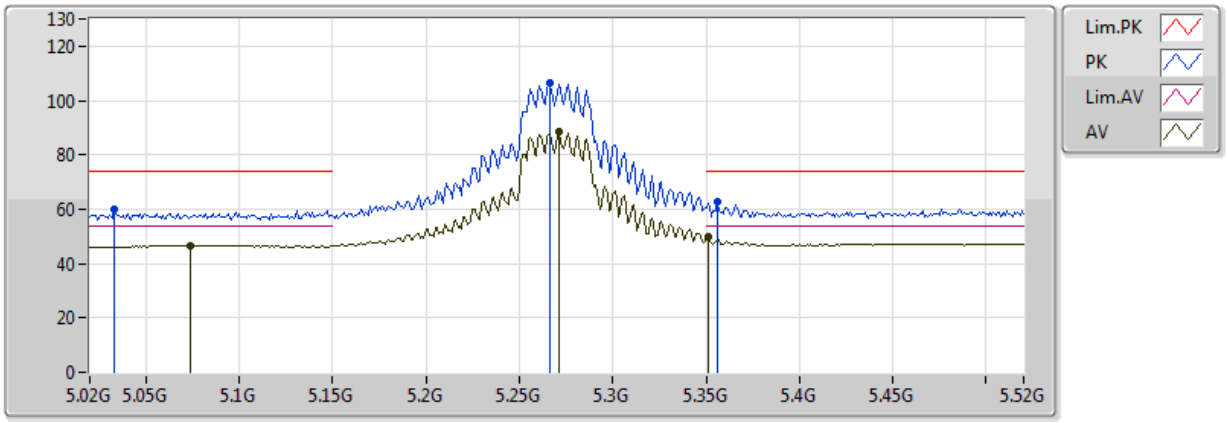


20170520
EUT Y_4TX
Setting 23
02-P-2-10
FSP(100142)

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	46.93	54.00	-7.07	8.93	3	V	138	1.58	-
AV	5.271G	92.90	Inf	-Inf	9.19	3	V	138	1.58	-
AV	5.352G	52.99	54.00	-1.01	9.34	3	V	138	1.58	-
PK	5.146G	59.54	74.00	-14.46	8.92	3	V	138	1.58	-
PK	5.271G	111.46	Inf	-Inf	9.19	3	V	138	1.58	-
PK	5.358G	67.17	74.00	-6.83	9.35	3	V	138	1.58	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX

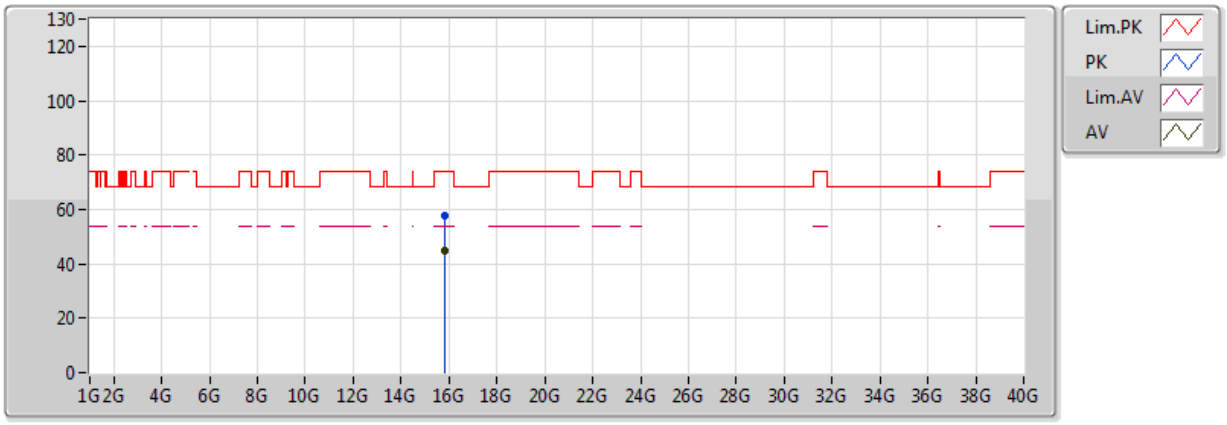


20170520
EUT Y_4TX
Setting 23
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.074G	46.63	54.00	-7.37	8.73	3	H	103	1.99	-
AV	5.271G	88.75	Inf	-Inf	9.19	3	H	103	1.99	-
AV	5.351G	49.97	54.00	-4.03	9.34	3	H	103	1.99	-
PK	5.033G	60.03	74.00	-13.97	8.62	3	H	103	1.99	-
PK	5.266G	106.29	Inf	-Inf	9.19	3	H	103	1.99	-
PK	5.356G	62.55	74.00	-11.45	9.35	3	H	103	1.99	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX

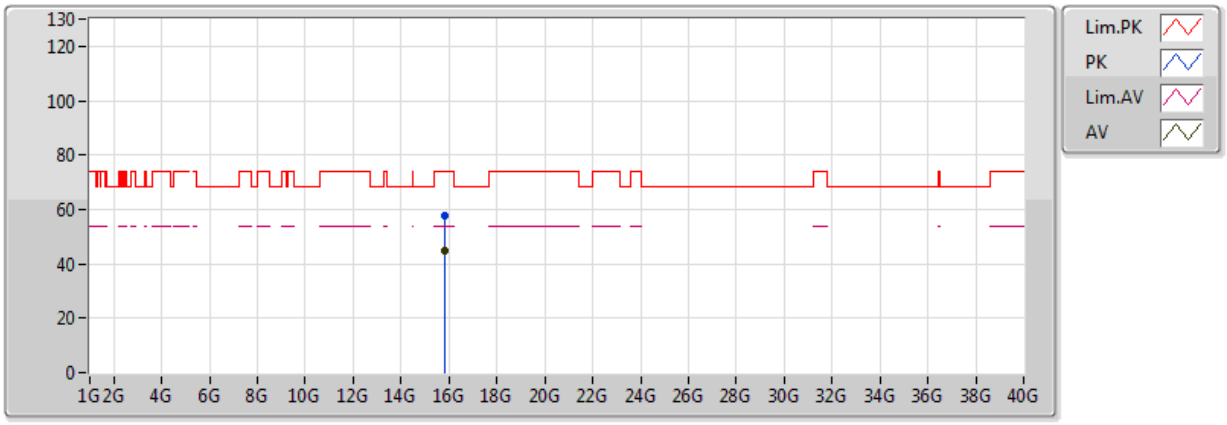


20170520
EUT Y_4TX
Setting 23
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.80352G	44.68	54.00	-9.32	17.43	3	V	106	1.55	-
PK	15.80286G	57.92	74.00	-16.08	17.44	3	V	106	1.55	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX

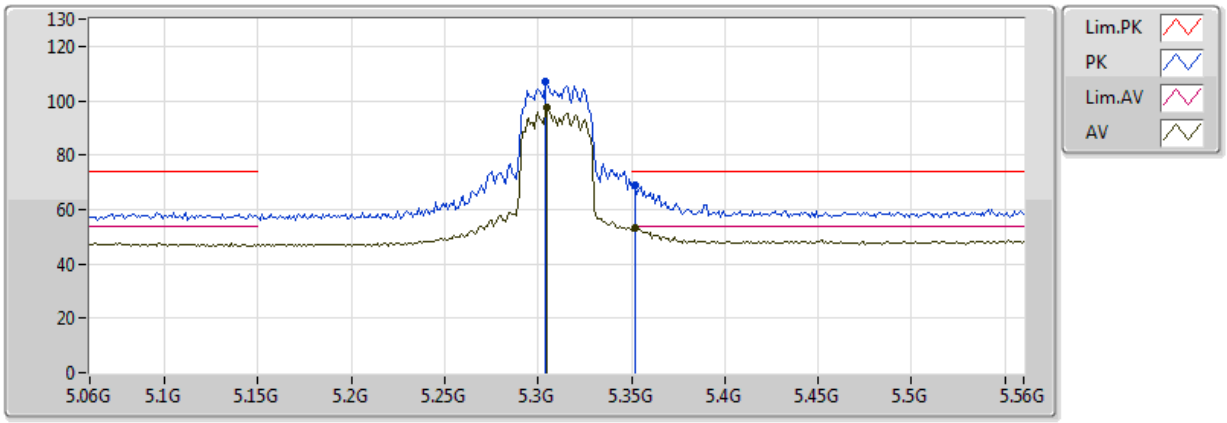


20170520
EUT Y_4TX
Setting 23
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.79842G	44.81	54.00	-9.19	17.45	3	H	216	1.29	-
PK	15.79812G	57.63	74.00	-16.37	17.45	3	H	216	1.29	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX

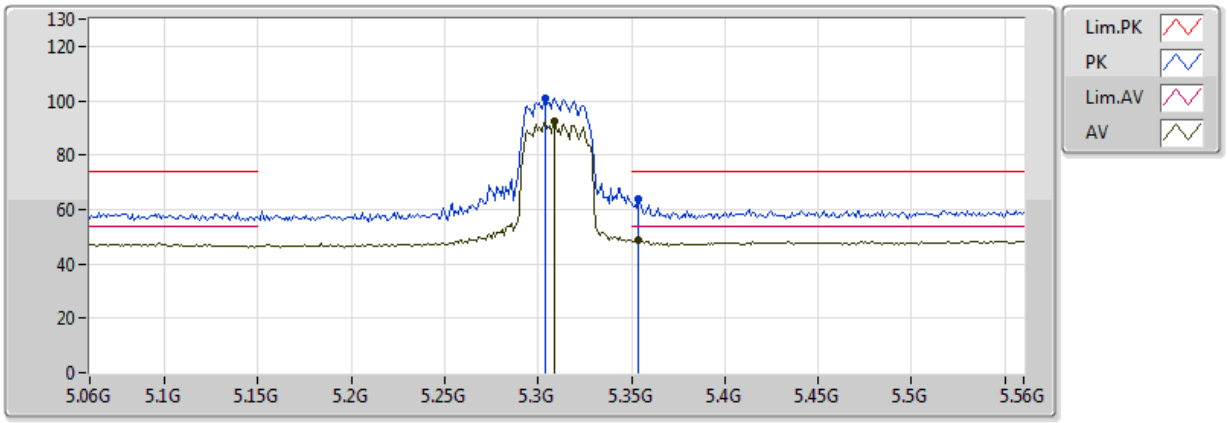


20170520
EUT Y_4TX
Setting 1A
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.305G	97.71	Inf	-Inf	9.26	3	V	165	1.78	-
AV	5.352G	52.96	54.00	-1.04	9.34	3	V	165	1.78	-
PK	5.304G	107.16	Inf	-Inf	9.26	3	V	165	1.78	-
PK	5.352G	69.06	74.00	-4.94	9.34	3	V	165	1.78	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX

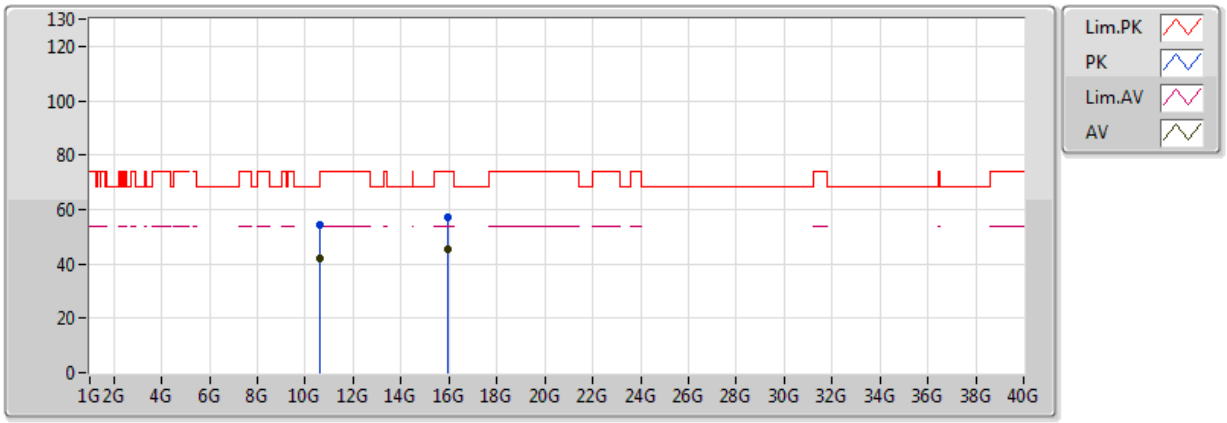


20170520
EUT Y_4TX
Setting 1A
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.309G	92.71	Inf	-Inf	9.27	3	H	81	2.13	-
AV	5.354G	48.55	54.00	-5.45	9.35	3	H	81	2.13	-
PK	5.304G	101.04	Inf	-Inf	9.26	3	H	81	2.13	-
PK	5.354G	63.72	74.00	-10.28	9.35	3	H	81	2.13	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX

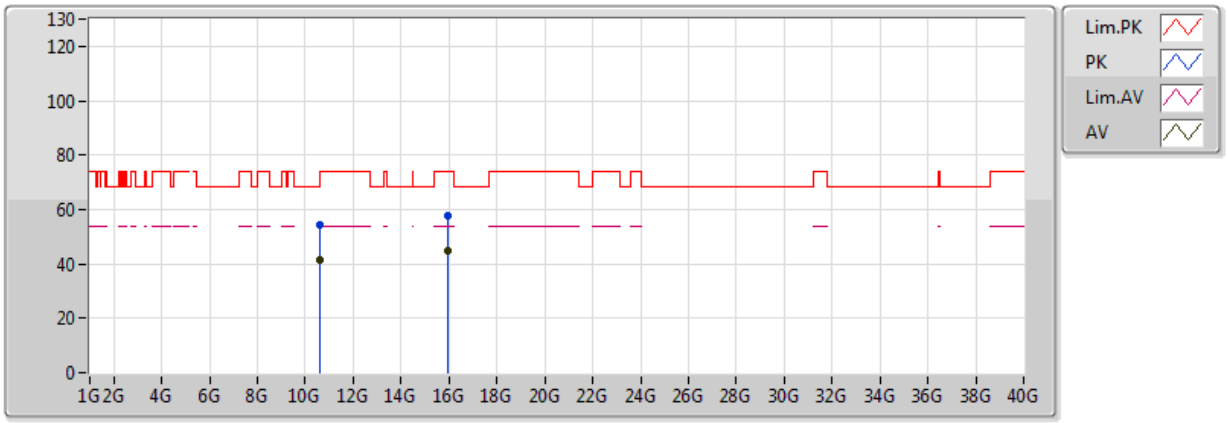


20170520
EUT Y_4TX
Setting 1A
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.62354G	42.08	54.00	-11.92	16.08	3	V	266	2.16	-
PK	10.60572G	54.46	74.00	-19.54	16.09	3	V	266	2.16	-
AV	15.92706G	45.29	54.00	-8.71	17.12	3	V	139	1.98	-
PK	15.928G	57.25	74.00	-16.75	17.12	3	V	139	1.98	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX

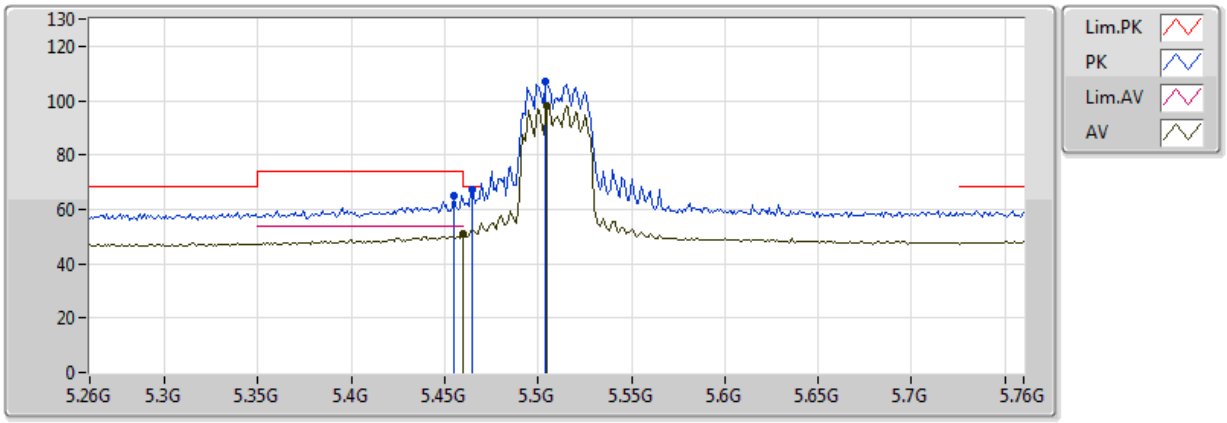


20170520
EUT Y_4TX
Setting 1A
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.61172G	41.39	54.00	-12.61	16.09	3	H	28	2.32	-
PK	10.6221G	54.43	74.00	-19.57	16.08	3	H	28	2.32	-
AV	15.93022G	44.59	54.00	-9.41	17.11	3	H	89	1.82	-
PK	15.92584G	57.74	74.00	-16.26	17.12	3	H	89	1.82	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5510MHz_TX

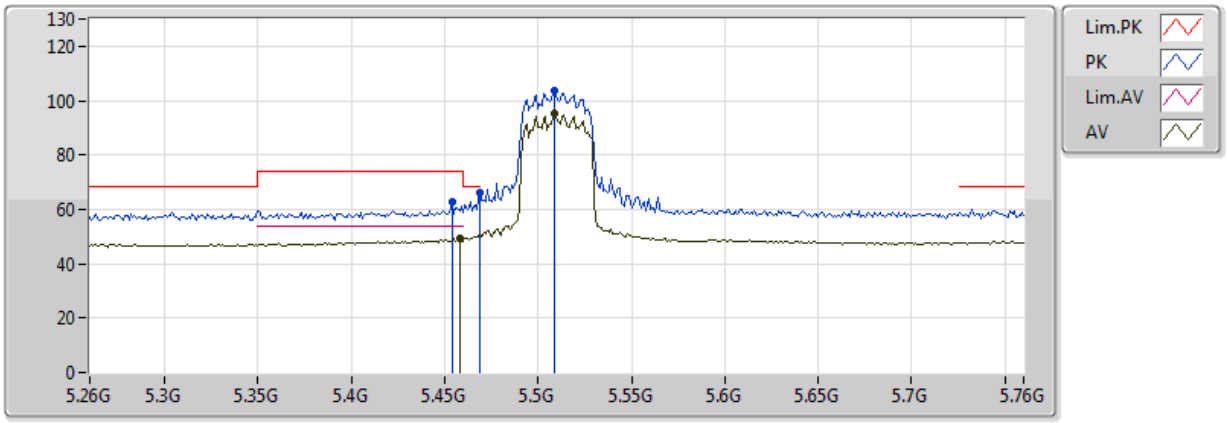


20170520
EUT Y_4TX
Setting 1C
02-P-2-10
FSP(100142)

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	51.06	54.00	-2.94	9.59	3	V	358	1.88	-
AV	5.505G	98.01	Inf	-Inf	9.69	3	V	358	1.88	-
PK	5.455G	65.08	74.00	-8.92	9.57	3	V	358	1.88	-
PK	5.465G	67.07	68.20	-1.13	9.60	3	V	358	1.88	-
PK	5.504G	107.06	Inf	-Inf	9.69	3	V	358	1.88	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5510MHz_TX

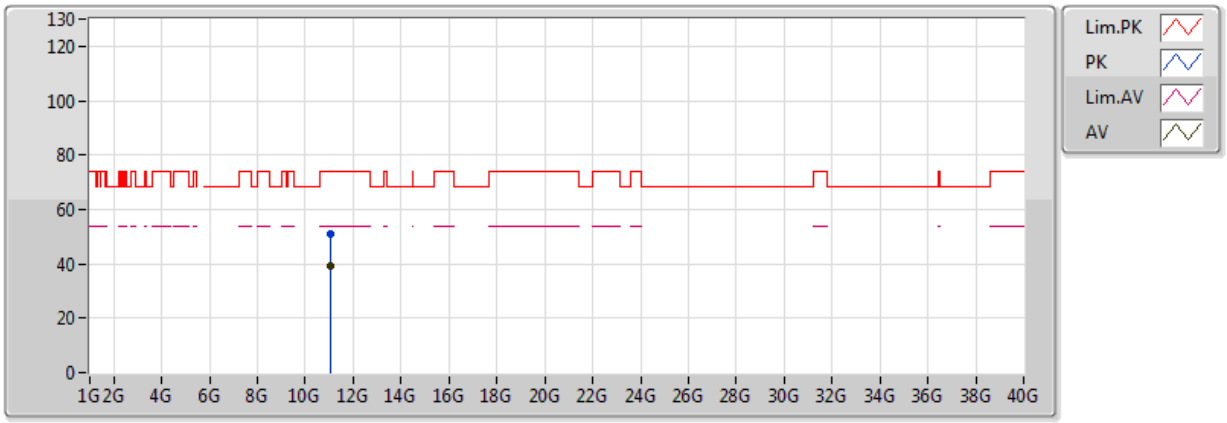


20170520
EUT Y_4TX
Setting 1C
02-P-2-10
FSP(100142)

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	49.54	54.00	-4.46	9.58	3	H	303	1.89	-
AV	5.509G	95.33	Inf	-Inf	9.70	3	H	303	1.89	-
PK	5.454G	62.71	74.00	-11.29	9.57	3	H	303	1.89	-
PK	5.469G	66.26	74.00	-7.74	9.61	3	H	303	1.89	-
PK	5.509G	103.71	Inf	-Inf	9.70	3	H	303	1.89	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5510MHz_TX

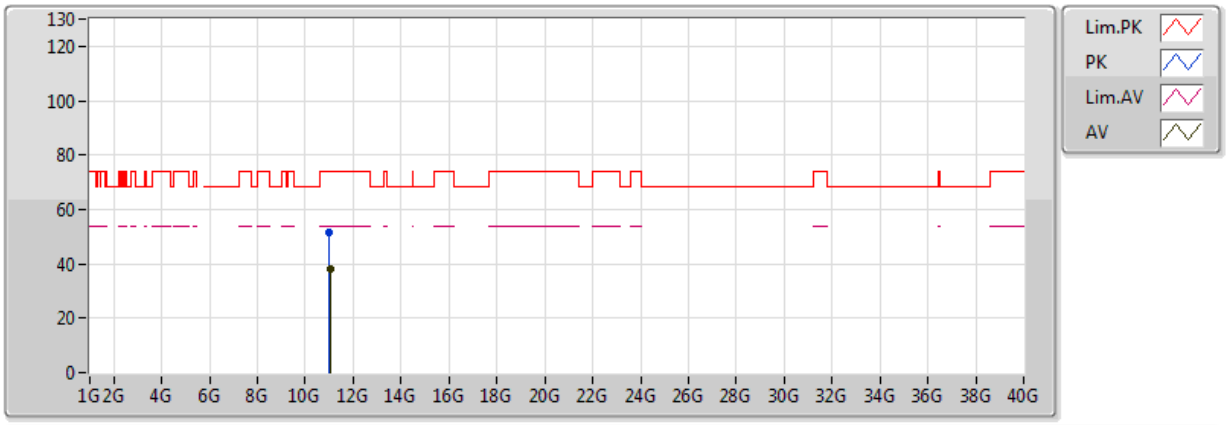


20170520
EUT Y_4TX
Setting 1C
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.03464G	39.36	54.00	-14.64	15.86	3	V	166	2.10	-
PK	11.03146G	51.15	74.00	-22.85	15.86	3	V	166	2.10	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5510MHz_TX

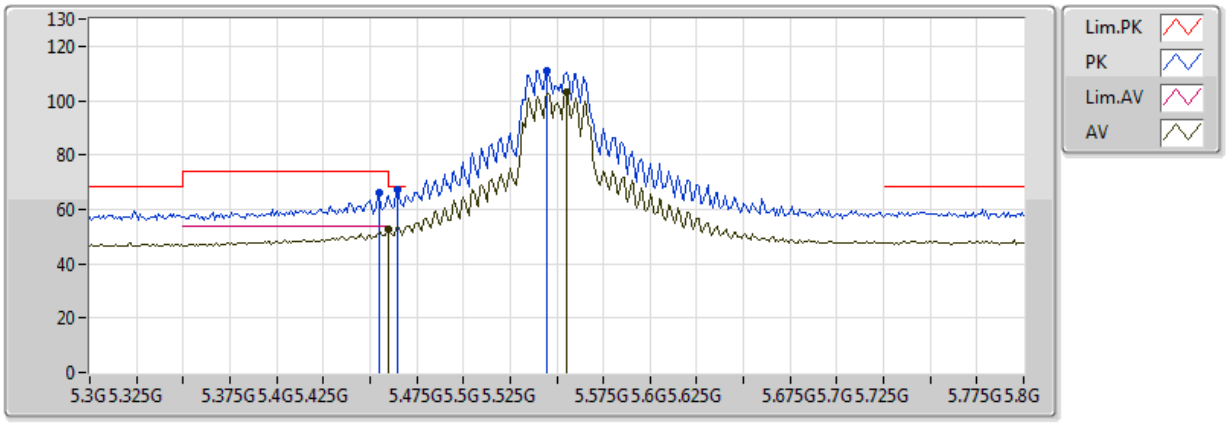


20170520
EUT Y_4TX
Setting 1C
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.02236G	38.25	54.00	-15.75	15.85	3	H	96	1.03	-
PK	11.01982G	51.78	74.00	-22.22	15.85	3	H	96	1.03	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5550MHz_TX

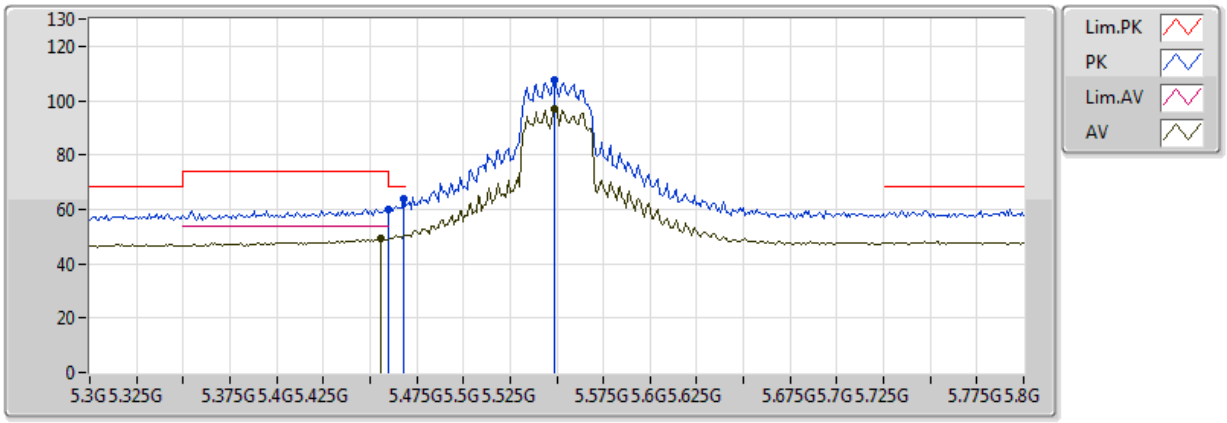


20170520
EUT Y_4TX
Setting 24
02-P-2-10
FSP(100142)

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	52.42	54.00	-1.58	9.59	3	V	359	1.96	-
AV	5.555G	102.84	Inf	-Inf	9.74	3	V	359	1.96	-
PK	5.455G	66.31	74.00	-7.69	9.57	3	V	359	1.96	-
PK	5.465G	67.18	68.20	-1.02	9.60	3	V	359	1.96	-
PK	5.545G	111.13	Inf	-Inf	9.73	3	V	359	1.96	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5550MHz_TX

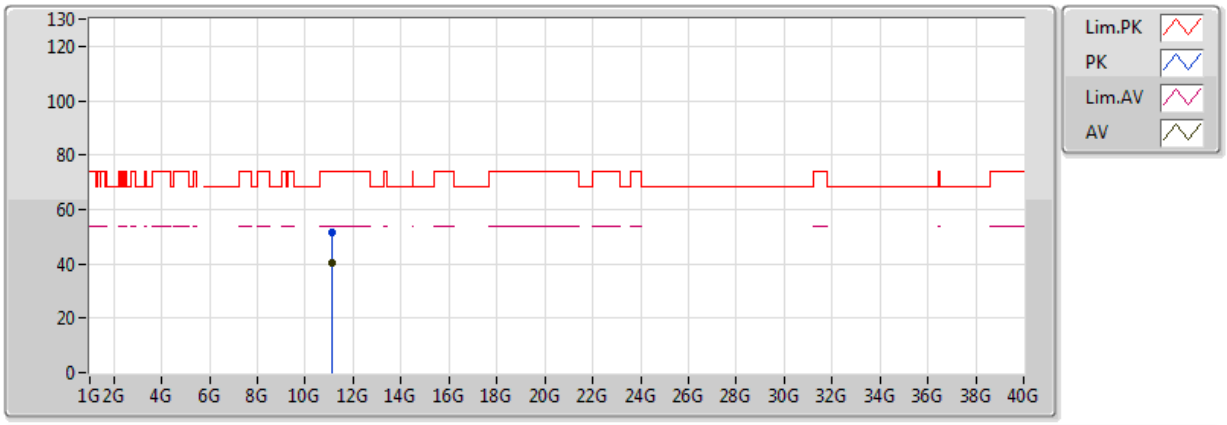


20170520
EUT Y_4TX
Setting 24
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.456G	49.14	54.00	-4.86	9.58	3	H	306	1.91	-
AV	5.549G	96.78	Inf	-Inf	9.73	3	H	306	1.91	-
PK	5.46G	60.22	74.00	-13.78	9.59	3	H	306	1.91	-
PK	5.468G	63.89	68.20	-4.31	9.61	3	H	306	1.91	-
PK	5.549G	107.47	Inf	-Inf	9.73	3	H	306	1.91	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5550MHz_TX

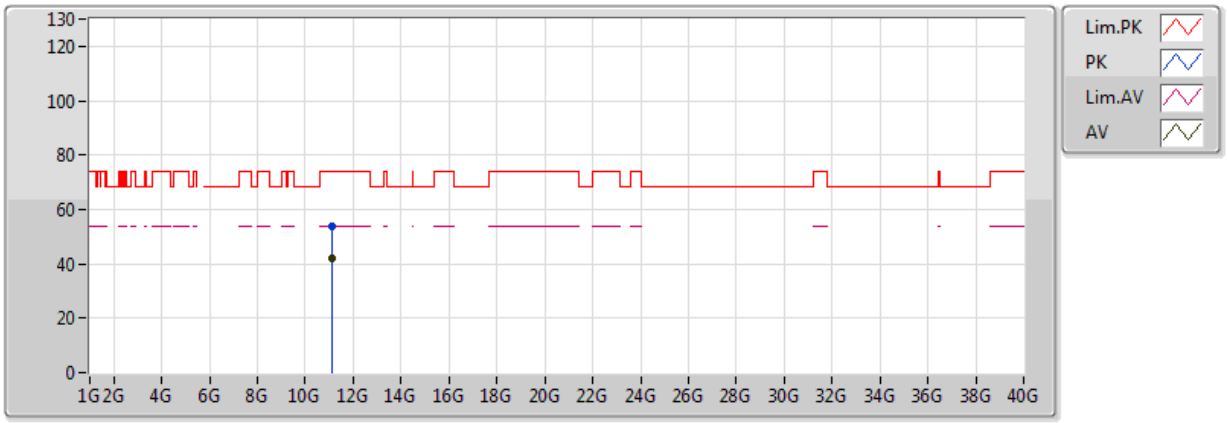


20170520
EUT Y_4TX
Setting 24
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.11158G	40.50	54.00	-13.50	15.94	3	V	93	1.90	-
PK	11.0952G	51.60	74.00	-22.40	15.92	3	V	93	1.90	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5550MHz_TX

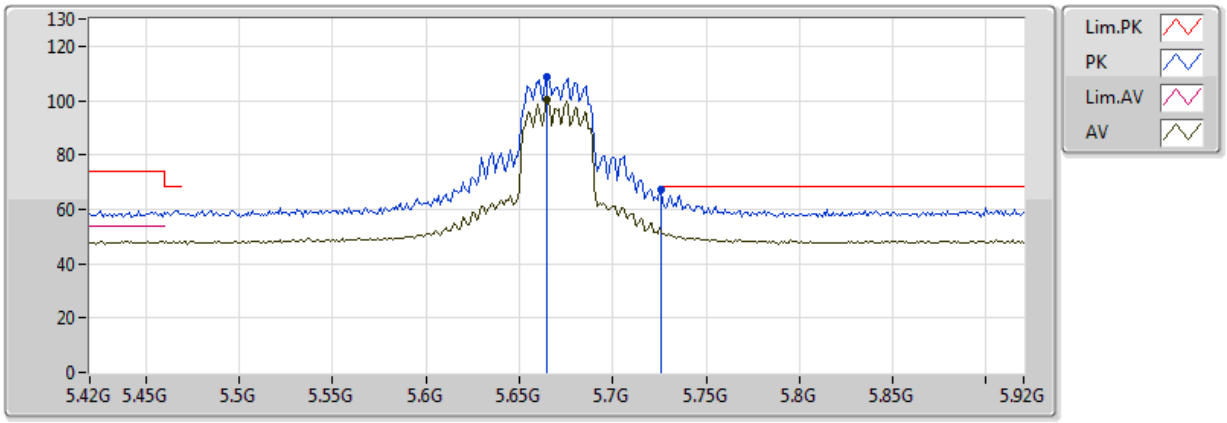


20170520
EUT Y_4TX
Setting 24
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1066G	42.11	54.00	-11.89	15.94	3	H	282	2.55	-
PK	11.10168G	53.56	74.00	-20.44	15.93	3	H	282	2.55	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5670MHz_TX

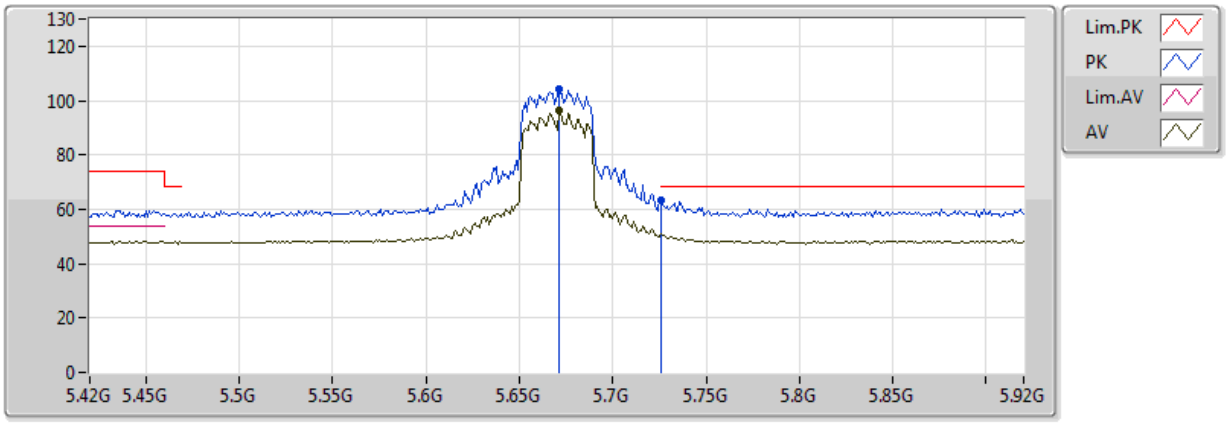


20170520
EUT Y_4TX
Setting 1F
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.665G	100.31	Inf	-Inf	9.79	3	V	69	2.00	-
PK	5.665G	108.65	Inf	-Inf	9.79	3	V	69	2.00	-
PK	5.726G	67.06	68.20	-1.14	9.81	3	V	69	2.00	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5670MHz_TX

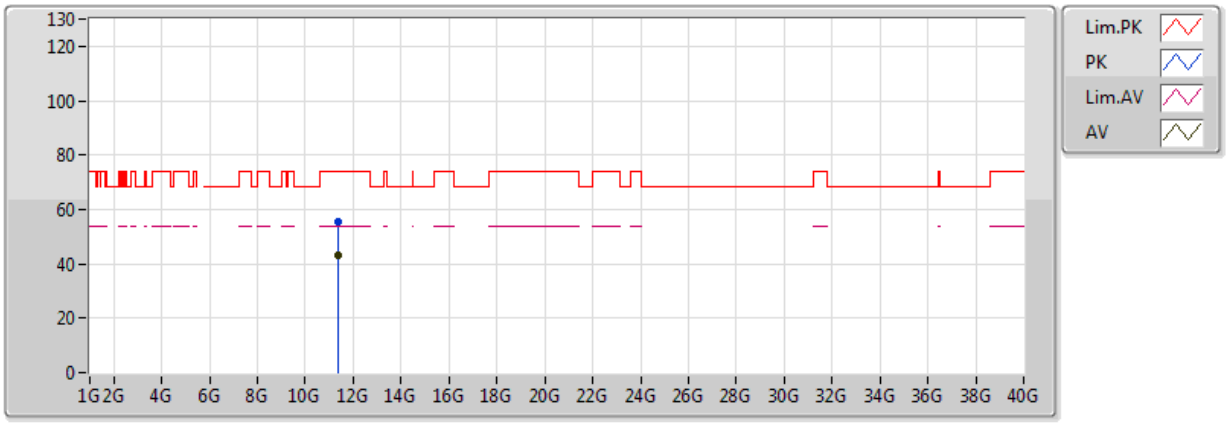


20170520
EUT Y_4TX
Setting 1F
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.671G	96.59	Inf	-Inf	9.79	3	H	217	1.81	-
PK	5.671G	104.08	Inf	-Inf	9.79	3	H	217	1.81	-
PK	5.726G	63.23	68.20	-4.97	9.81	3	H	217	1.81	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5670MHz_TX

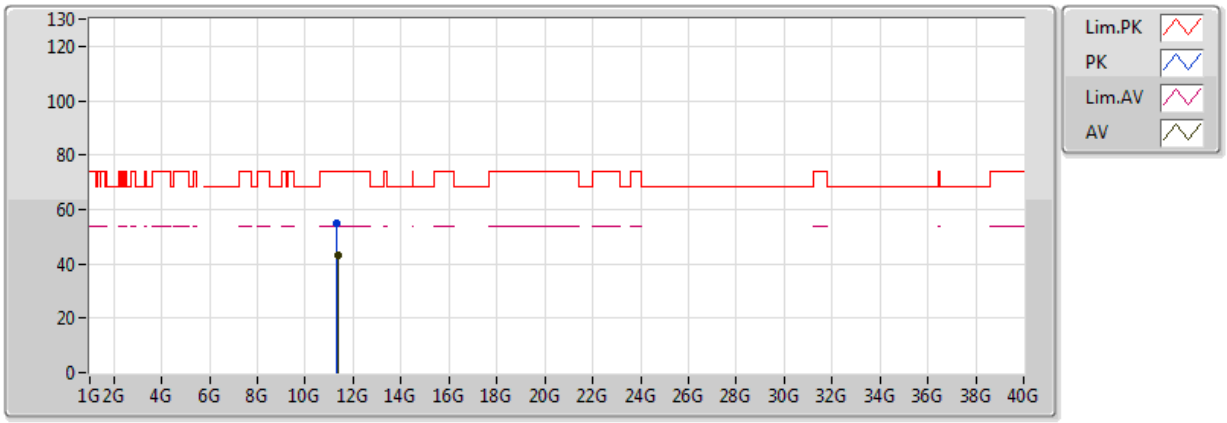


20170520
EUT Y_4TX
Setting 1F
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34494G	43.29	54.00	-10.71	16.17	3	V	51	1.24	-
PK	11.34382G	55.59	74.00	-18.41	16.17	3	V	51	1.24	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5670MHz_TX

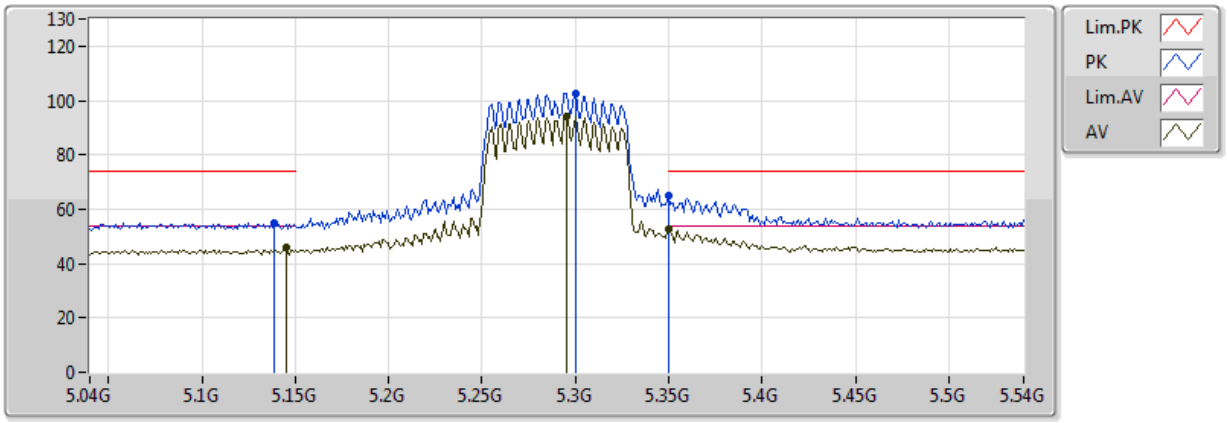


20170520
EUT Y_4TX
Setting 1F
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34098G	43.08	54.00	-10.92	16.17	3	H	226	1.75	-
PK	11.3352G	54.93	74.00	-19.07	16.16	3	H	226	1.75	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX

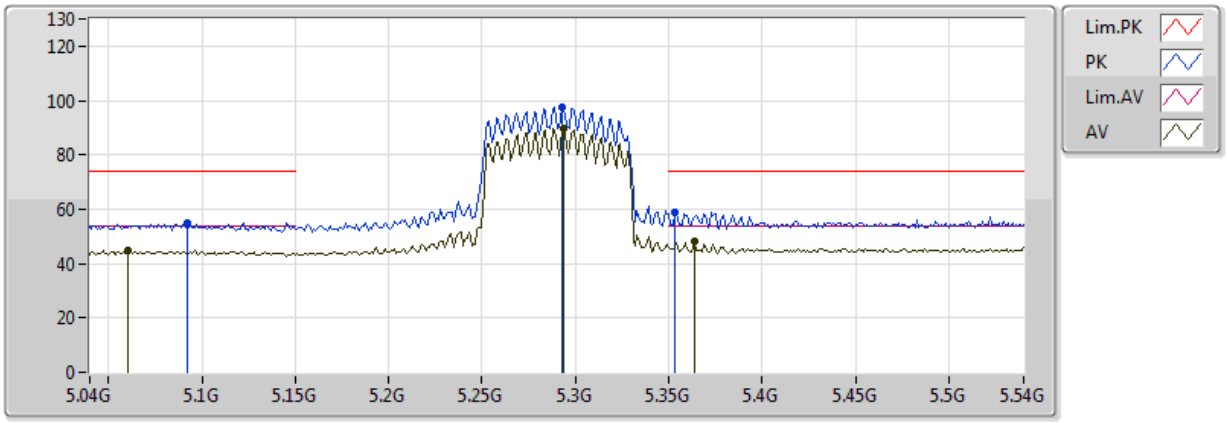


20170520
EUT Y_4TX
Setting 16
02-P-2-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.145G	45.78	54.00	-8.22	8.92	3	V	4	2.23	-
AV	5.295G	94.21	Inf	-Inf	9.24	3	V	4	2.23	-
AV	5.350005G	52.52	54.00	-1.48	9.34	3	V	4	2.23	-
PK	5.139G	54.82	74.00	-19.18	8.90	3	V	4	2.23	-
PK	5.3G	102.69	Inf	-Inf	9.25	3	V	4	2.23	-
PK	5.350005G	65.22	74.00	-8.78	9.34	3	V	4	2.23	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX

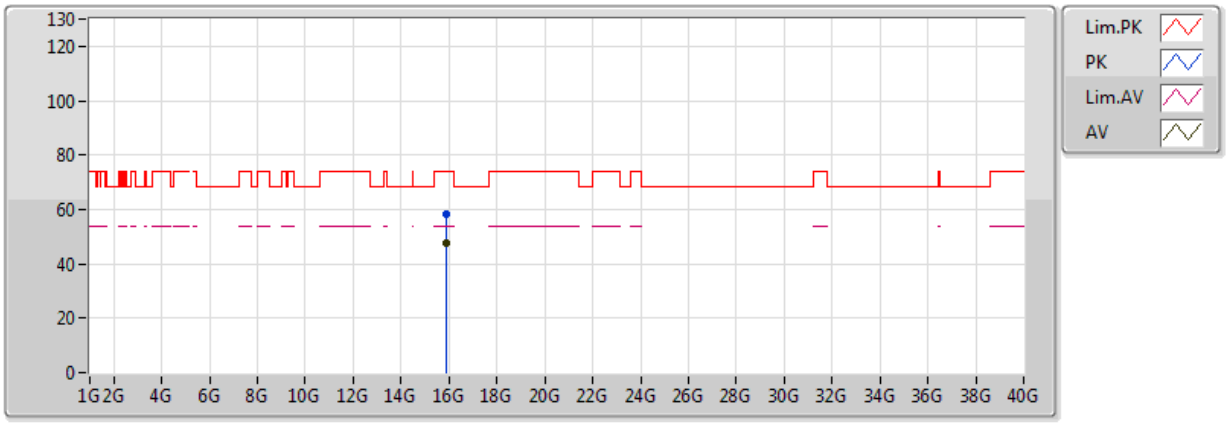


20170520
EUT Y_4TX
Setting 16
02-P-2-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.06G	44.87	54.00	-9.13	8.69	3	H	148	2.23	-
AV	5.294G	89.64	Inf	-Inf	9.24	3	H	148	2.23	-
AV	5.364G	48.22	54.00	-5.78	9.37	3	H	148	2.23	-
PK	5.092G	55.03	74.00	-18.97	8.78	3	H	148	2.23	-
PK	5.293G	97.69	Inf	-Inf	9.24	3	H	148	2.23	-
PK	5.353G	59.02	74.00	-14.98	9.35	3	H	148	2.23	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX

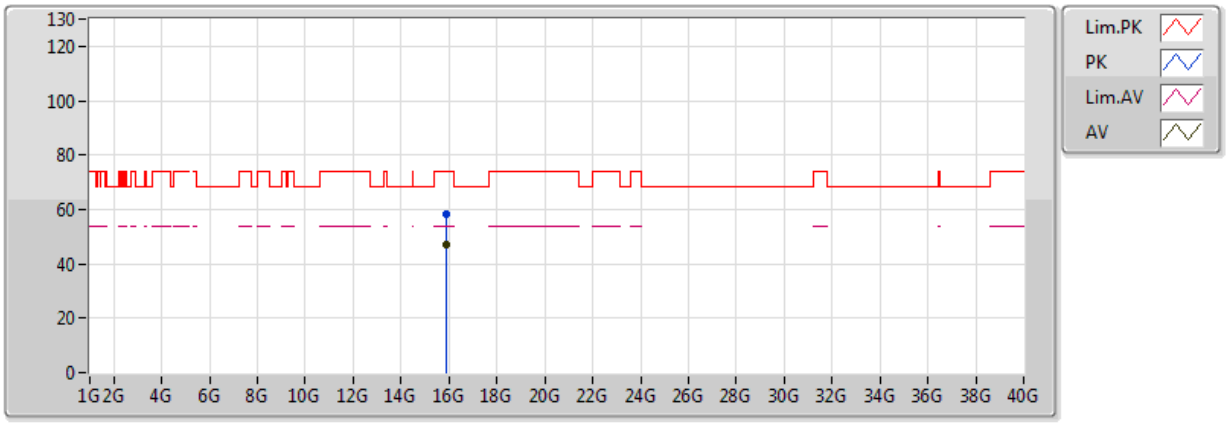


20170520
EUT Y_4TX
Setting 16
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.87002G	47.52	54.00	-6.48	17.26	3	V	300	2.08	-
PK	15.86608G	58.06	74.00	-15.94	17.27	3	V	300	2.08	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX

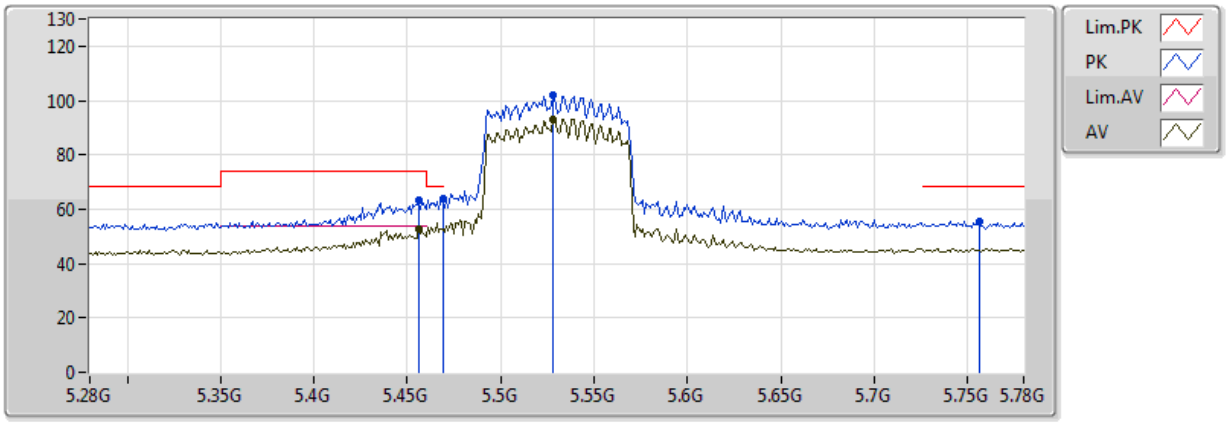


20170520
EUT Y_4TX
Setting 16
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.87266G	47.32	54.00	-6.68	17.26	3	H	151	1.73	-
PK	15.865G	58.35	74.00	-15.65	17.28	3	H	151	1.73	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5530MHz_TX

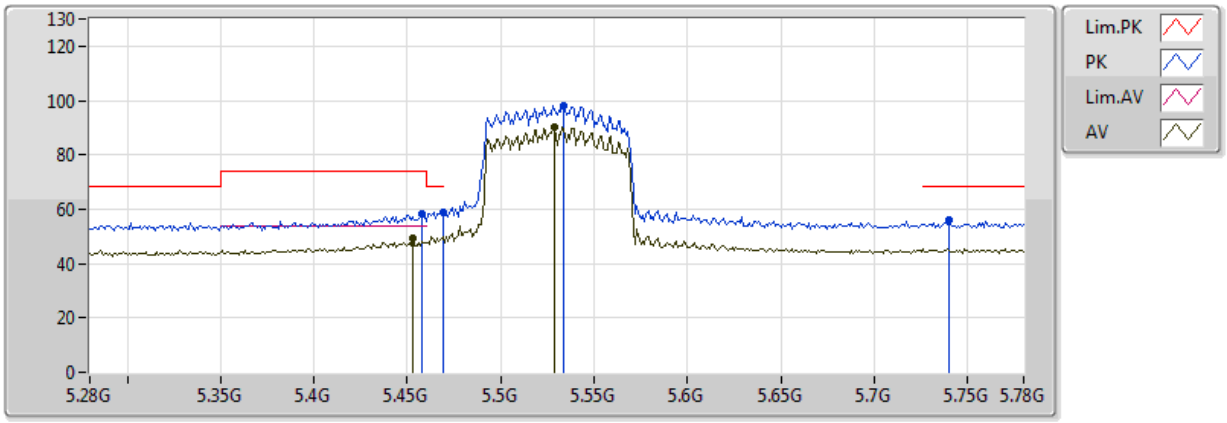


20170520
EUT Y_4TX
Setting 17
02-P-2-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.456G	52.70	54.00	-1.30	9.58	3	V	327	1.97	-
AV	5.528G	93.27	Inf	-Inf	9.72	3	V	327	1.97	-
PK	5.456G	63.16	74.00	-10.84	9.58	3	V	327	1.97	-
PK	5.469G	63.67	68.20	-4.53	9.61	3	V	327	1.97	-
PK	5.528G	102.02	Inf	-Inf	9.72	3	V	327	1.97	-
PK	5.756G	55.65	68.20	-12.55	9.81	3	V	327	1.97	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5530MHz_TX

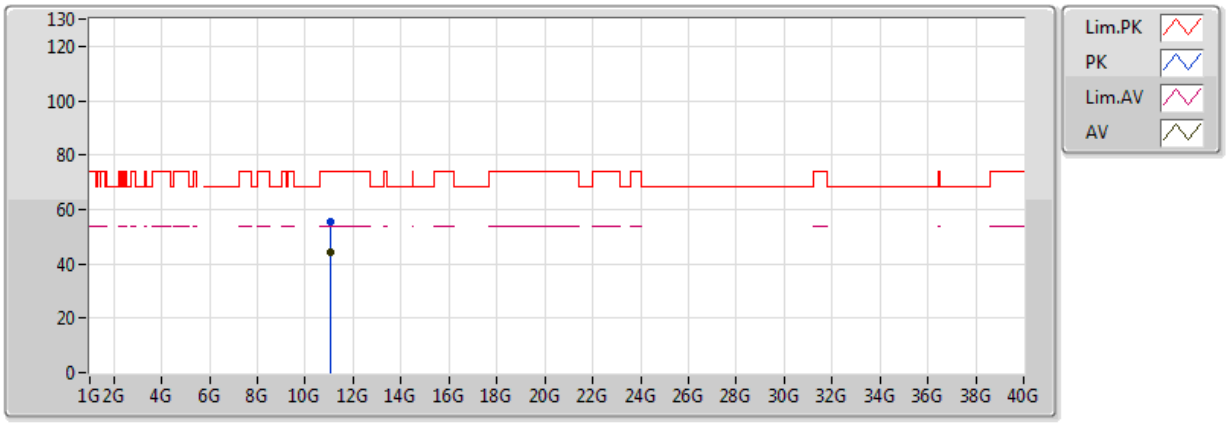


20170520
EUT Y_4TX
Setting 17
02-P-2-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.453G	49.53	54.00	-4.47	9.57	3	H	28	2.03	-
AV	5.529G	90.12	Inf	-Inf	9.72	3	H	28	2.03	-
PK	5.458G	58.55	74.00	-15.45	9.58	3	H	28	2.03	-
PK	5.469G	58.91	68.20	-9.29	9.61	3	H	28	2.03	-
PK	5.534G	98.25	Inf	-Inf	9.72	3	H	28	2.03	-
PK	5.74G	55.99	68.20	-12.21	9.81	3	H	28	2.03	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5530MHz_TX

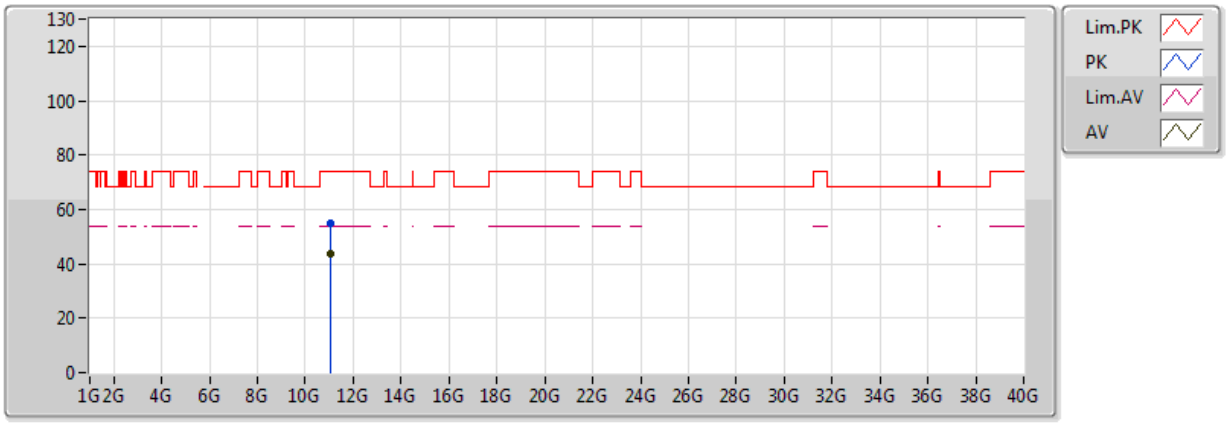


20170520
EUT Y_4TX
Setting 17
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.06098G	44.34	54.00	-9.66	15.89	3	V	143	2.20	-
PK	11.05682G	55.22	74.00	-18.78	15.89	3	V	143	2.20	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5530MHz_TX

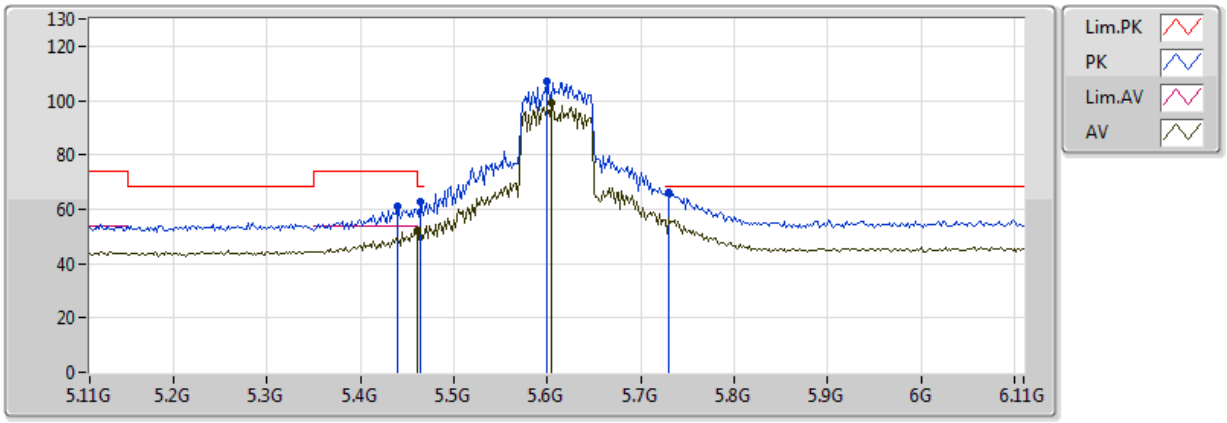


20170520
EUT Y_4TX
Setting 17
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.06014G	43.94	54.00	-10.06	15.89	3	H	32	1.32	-
PK	11.05502G	55.00	74.00	-19.00	15.88	3	H	32	1.32	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

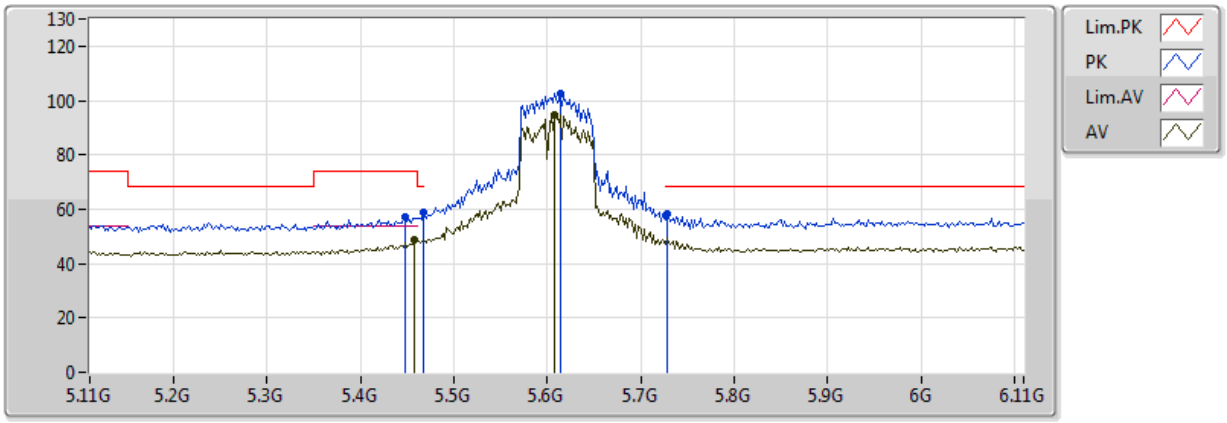


20170520
EUT Y_4TX
Setting 21
02-P-2-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	52.39	54.00	-1.61	9.59	3	V	360	2.07	-
AV	5.604G	99.28	Inf	-Inf	9.78	3	V	360	2.07	-
PK	5.44G	60.80	74.00	-13.20	9.53	3	V	360	2.07	-
PK	5.464G	62.70	68.20	-5.50	9.60	3	V	360	2.07	-
PK	5.6G	106.81	Inf	-Inf	9.78	3	V	360	2.07	-
PK	5.73G	66.18	68.20	-2.02	9.81	3	V	360	2.07	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

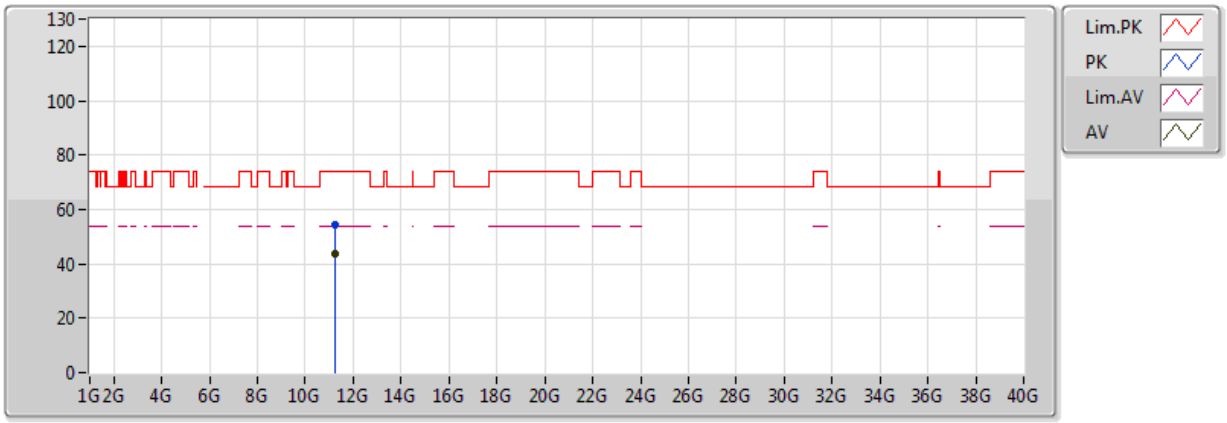


20170520
EUT Y_4TX
Setting 21
02-P-2-6
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.458G	48.76	54.00	-5.24	9.58	3	H	25	1.87	-
AV	5.608G	94.77	Inf	-Inf	9.78	3	H	25	1.87	-
PK	5.448G	57.36	74.00	-16.64	9.55	3	H	25	1.87	-
PK	5.468G	58.58	68.20	-9.62	9.61	3	H	25	1.87	-
PK	5.614G	102.60	Inf	-Inf	9.78	3	H	25	1.87	-
PK	5.728G	58.37	68.20	-9.83	9.81	3	H	25	1.87	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

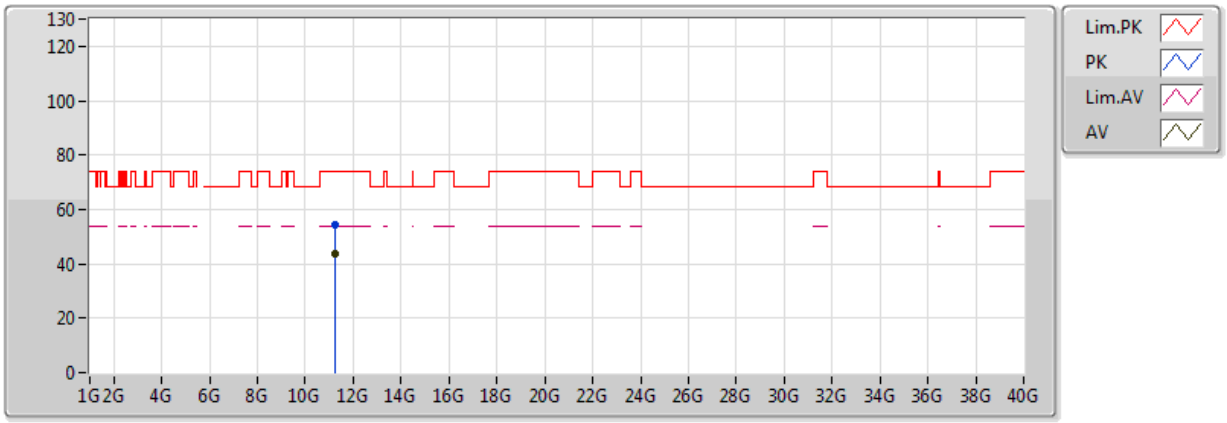


20170520
EUT Y_4TX
Setting 21
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.22702G	43.86	54.00	-10.14	16.05	3	V	53	2.33	-
PK	11.21418G	54.38	74.00	-19.62	16.04	3	V	53	2.33	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

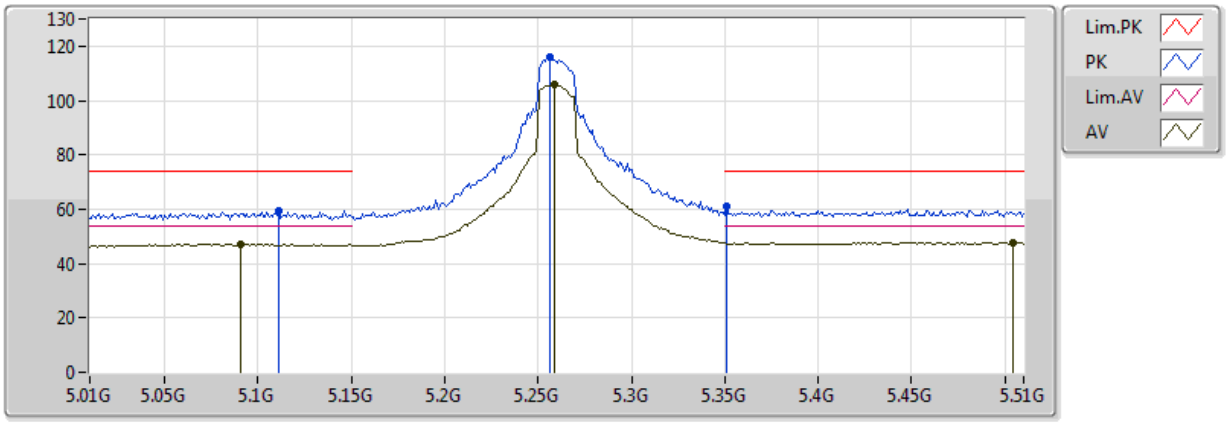


20170520
EUT Y_4TX
Setting 21
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.22094G	43.59	54.00	-10.41	16.05	3	H	197	1.84	-
PK	11.22324G	54.28	74.00	-19.72	16.05	3	H	197	1.84	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

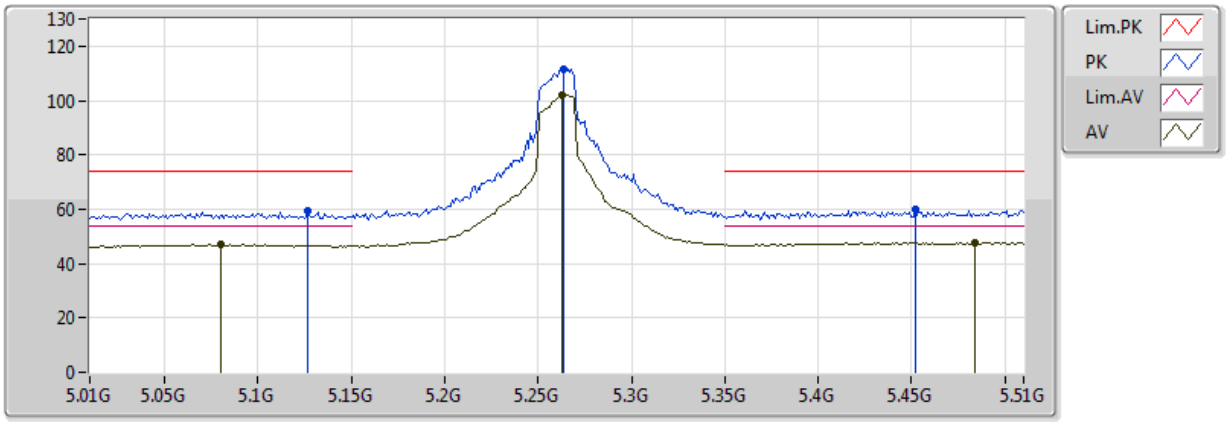


20170520
EUT Y_4TX
Setting 47
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.091G	47.17	54.00	-6.83	8.78	3	V	265	1.88	-
AV	5.259G	105.83	Inf	-Inf	9.17	3	V	265	1.88	-
AV	5.504G	47.77	54.00	-6.23	9.69	3	V	265	1.88	-
PK	5.111G	59.25	74.00	-14.75	8.83	3	V	265	1.88	-
PK	5.256G	115.86	Inf	-Inf	9.17	3	V	265	1.88	-
PK	5.351G	61.21	74.00	-12.79	9.34	3	V	265	1.88	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

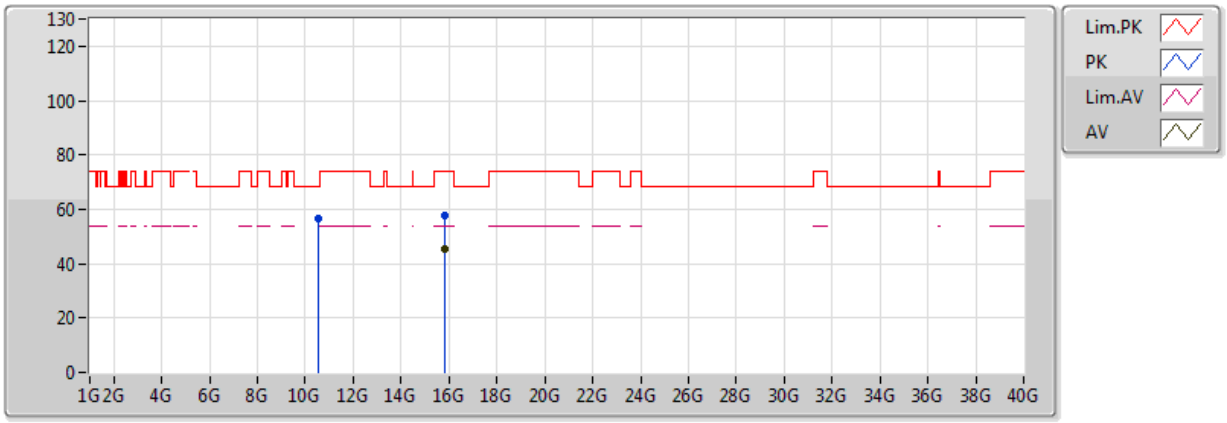


20170520
EUT Y_4TX
Setting 47
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.08G	47.03	54.00	-6.97	8.75	3	H	138	2.99	-
AV	5.263G	102.23	Inf	-Inf	9.18	3	H	138	2.99	-
AV	5.484G	47.72	54.00	-6.28	9.65	3	H	138	2.99	-
PK	5.127G	59.39	74.00	-14.61	8.87	3	H	138	2.99	-
PK	5.264G	111.75	Inf	-Inf	9.18	3	H	138	2.99	-
PK	5.452G	60.02	74.00	-13.98	9.57	3	H	138	2.99	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

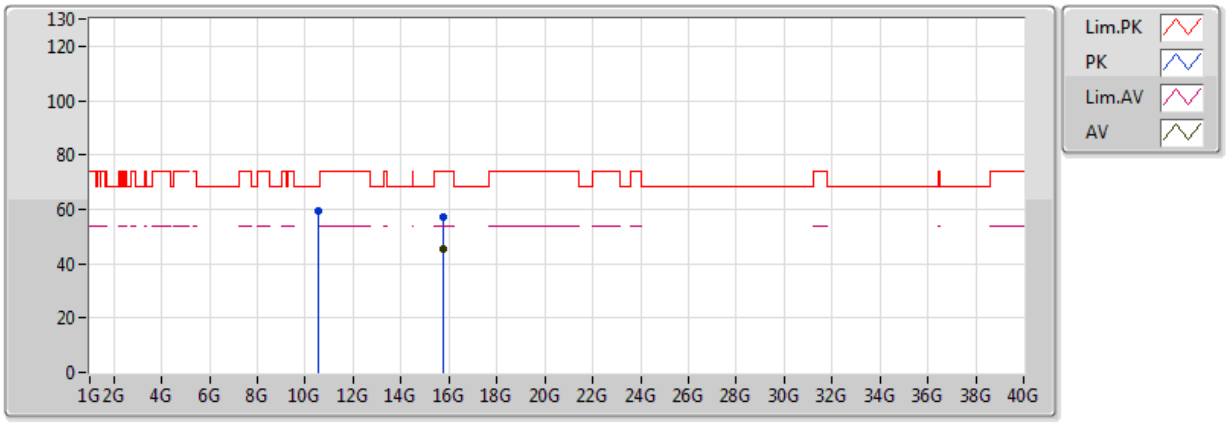


20170520
EUT Y_4TX
Setting 47
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.5298G	56.55	68.20	-11.65	16.15	3	V	345	1.63	-
AV	15.79434G	45.56	54.00	-8.44	17.46	3	V	68	2.02	-
PK	15.79254G	57.71	74.00	-16.29	17.46	3	V	68	2.02	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

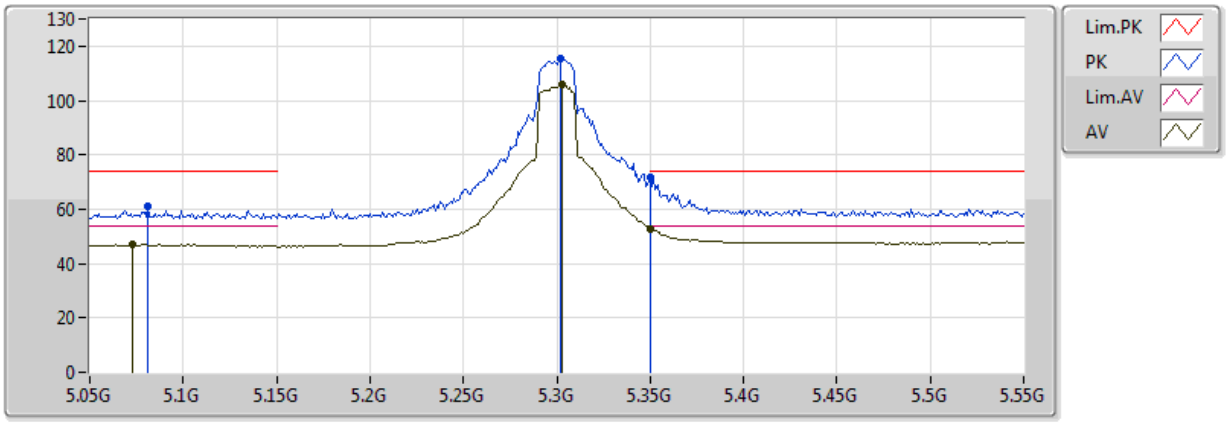


20170520
EUT Y_4TX
Setting 47
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.52054G	59.64	68.20	-8.56	16.15	3	H	72	1.59	-
AV	15.78474G	45.62	54.00	-8.38	17.48	3	H	220	1.90	-
PK	15.78072G	57.32	74.00	-16.68	17.49	3	H	220	1.90	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

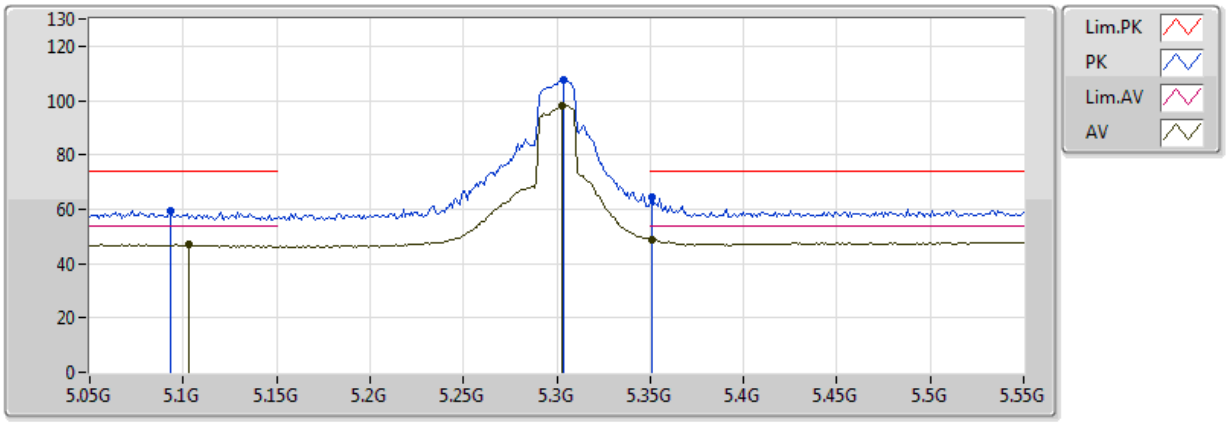


20170520
EUT Y_4TX
Setting 36
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.073G	47.03	54.00	-6.97	8.73	3	V	264	1.78	-
AV	5.303G	105.76	Inf	-Inf	9.26	3	V	264	1.78	-
AV	5.350005G	52.88	54.00	-1.12	9.34	3	V	264	1.78	-
PK	5.081G	61.09	74.00	-12.91	8.75	3	V	264	1.78	-
PK	5.302G	115.19	Inf	-Inf	9.25	3	V	264	1.78	-
PK	5.350005G	71.98	74.00	-2.02	9.34	3	V	264	1.78	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

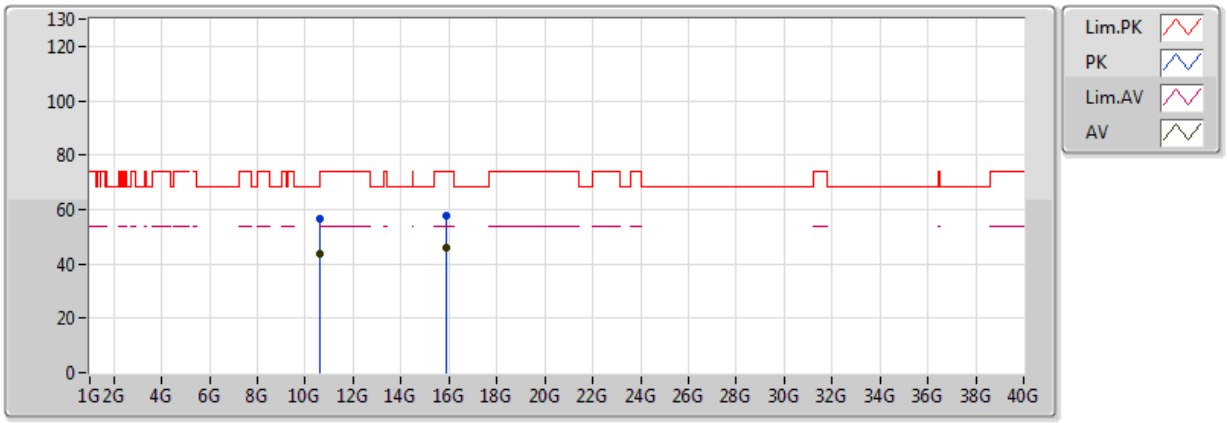


20170520
EUT Y_4TX
Setting 36
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.103G	46.93	54.00	-7.07	8.81	3	H	310	1.87	-
AV	5.303G	98.26	Inf	-Inf	9.26	3	H	310	1.87	-
AV	5.351G	49.03	54.00	-4.97	9.34	3	H	310	1.87	-
PK	5.093G	59.66	74.00	-14.34	8.78	3	H	310	1.87	-
PK	5.304G	107.41	Inf	-Inf	9.26	3	H	310	1.87	-
PK	5.351G	64.33	74.00	-9.67	9.34	3	H	310	1.87	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

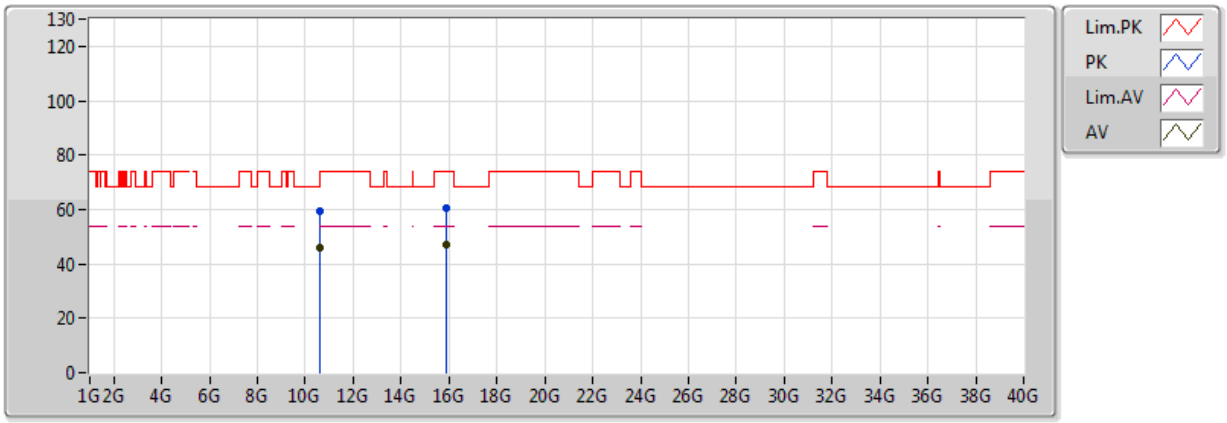


20170520
EUT Y_4TX
Setting 36
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6029G	43.83	54.00	-10.17	16.10	3	V	285	1.50	-
PK	10.5999G	56.73	68.20	-11.47	16.10	3	V	285	1.50	-
AV	15.9034G	46.15	54.00	-7.85	17.18	3	V	332	1.97	-
PK	15.9136G	57.87	74.00	-16.13	17.15	3	V	332	1.97	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

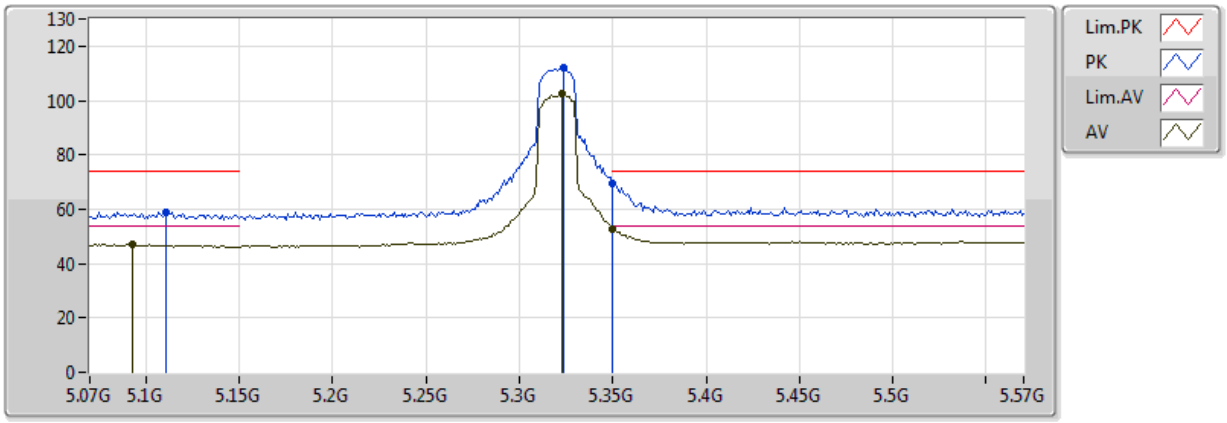


20170520
EUT Y_4TX
Setting 36
02-P-2
FSP(100142)

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	45.90	54.00	-8.10	16.10	3	H	73	1.48	-
PK	10.6018G	59.39	74.00	-14.61	16.10	3	H	73	1.48	-
AV	15.9033G	47.25	54.00	-6.75	17.18	3	H	29	2.06	-
PK	15.9027G	60.41	74.00	-13.59	17.18	3	H	29	2.06	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

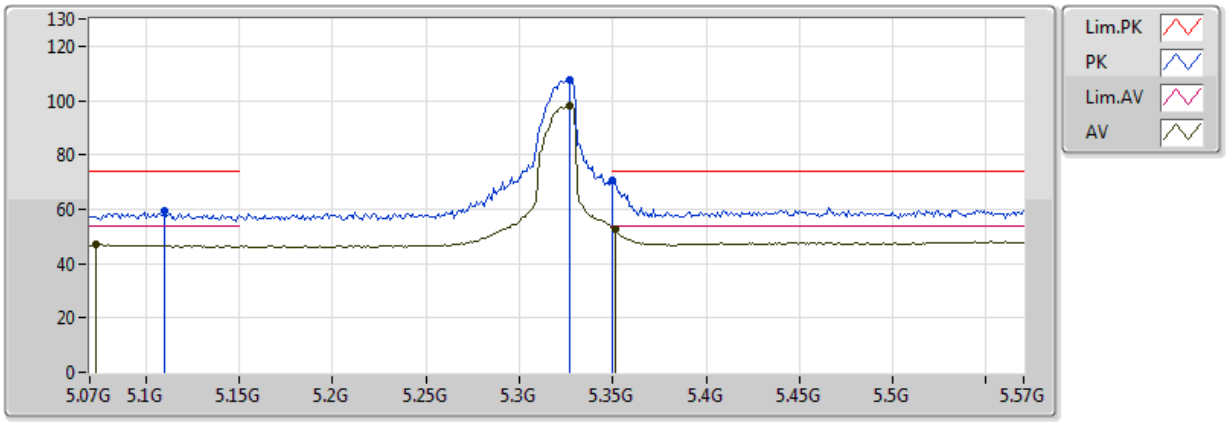


20170520
EUT Y_4TX
Setting 29
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.093G	46.91	54.00	-7.09	8.78	3	V	250	1.77	-
AV	5.323G	102.38	Inf	-Inf	9.29	3	V	250	1.77	-
AV	5.350005G	52.76	54.00	-1.24	9.34	3	V	250	1.77	-
PK	5.111G	58.77	74.00	-15.23	8.83	3	V	250	1.77	-
PK	5.324G	111.79	Inf	-Inf	9.29	3	V	250	1.77	-
PK	5.350005G	69.60	74.00	-4.40	9.34	3	V	250	1.77	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

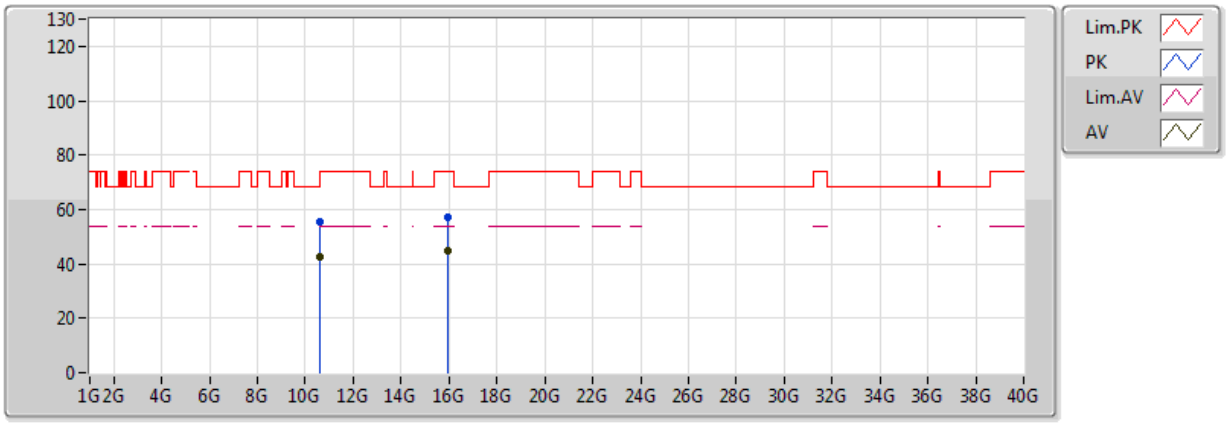


20170520
EUT Y_4TX
Setting 29
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.073G	46.82	54.00	-7.18	8.73	3	H	32	2.64	-
AV	5.327G	98.14	Inf	-Inf	9.30	3	H	32	2.64	-
AV	5.351G	52.76	54.00	-1.24	9.34	3	H	32	2.64	-
PK	5.11G	59.28	74.00	-14.72	8.83	3	H	32	2.64	-
PK	5.327G	107.34	Inf	-Inf	9.30	3	H	32	2.64	-
PK	5.350005G	70.74	74.00	-3.26	9.34	3	H	32	2.64	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

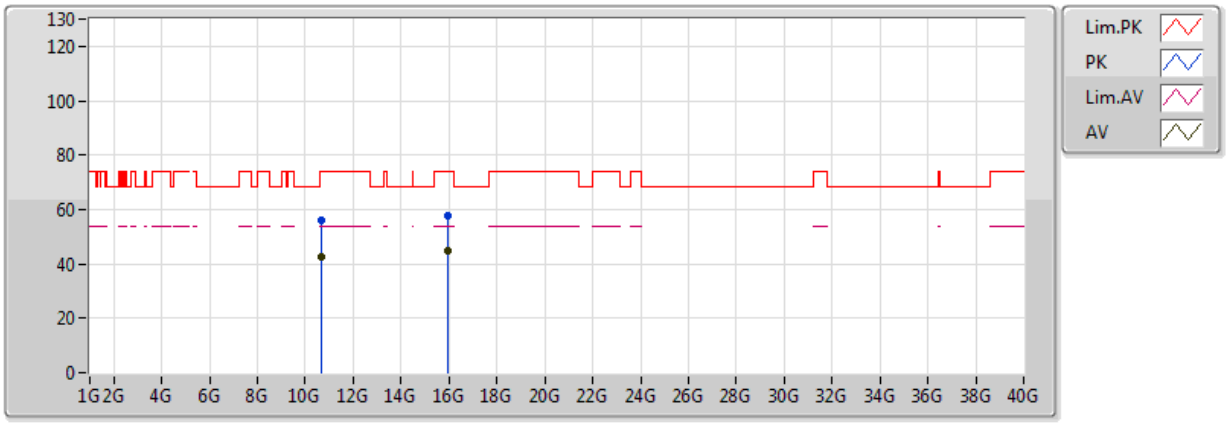


20170520
EUT Y_4TX
Setting 29
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6272G	42.38	54.00	-11.62	16.08	3	V	293	2.72	-
PK	10.6282G	55.45	74.00	-18.55	16.08	3	V	293	2.72	-
AV	15.9566G	44.91	54.00	-9.09	17.04	3	V	114	2.04	-
PK	15.9578G	57.28	74.00	-16.72	17.04	3	V	114	2.04	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

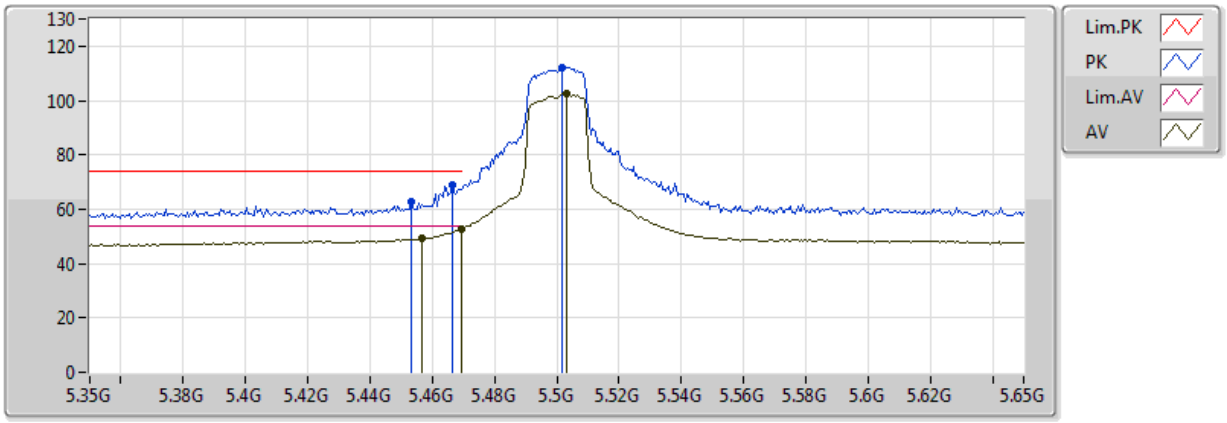


20170520
EUT Y_4TX
Setting 29
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6436G	42.54	54.00	-11.46	16.07	3	H	64	2.17	-
PK	10.6431G	56.31	74.00	-17.69	16.07	3	H	64	2.17	-
AV	15.95854G	44.79	54.00	-9.21	17.04	3	H	254	1.26	-
PK	15.96302G	57.67	74.00	-16.33	17.03	3	H	254	1.26	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

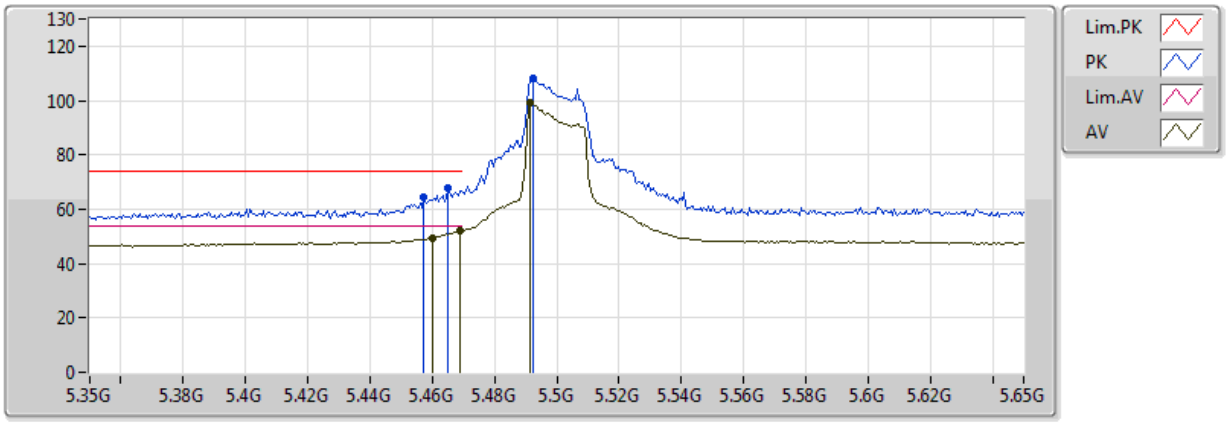


20170520
EUT Y_4TX
Setting 33
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4568G	49.42	54.00	-4.58	9.58	3	V	157	2.31	-
AV	5.4694G	52.53	54.00	-1.47	9.61	3	V	157	2.31	-
AV	5.503G	102.55	Inf	-Inf	9.69	3	V	157	2.31	-
PK	5.4532G	62.74	74.00	-11.26	9.57	3	V	157	2.31	-
PK	5.4664G	68.75	74.00	-5.25	9.60	3	V	157	2.31	-
PK	5.5018G	112.04	Inf	-Inf	9.69	3	V	157	2.31	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

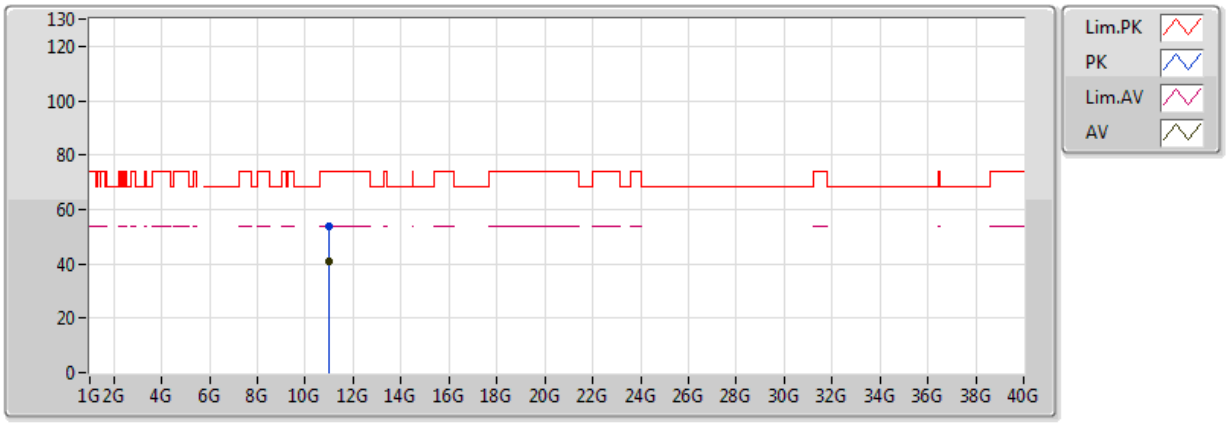


20170520
EUT Y_4TX
Setting 33
02-P-2-10
FSP(100142)

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	49.45	54.00	-4.55	9.59	3	H	305	1.97	-
AV	5.4688G	51.84	54.00	-2.16	9.61	3	H	305	1.97	-
AV	5.4916G	98.92	Inf	-Inf	9.67	3	H	305	1.97	-
PK	5.4574G	64.59	74.00	-9.41	9.58	3	H	305	1.97	-
PK	5.4652G	67.94	74.00	-6.06	9.60	3	H	305	1.97	-
PK	5.4922G	108.38	Inf	-Inf	9.67	3	H	305	1.97	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

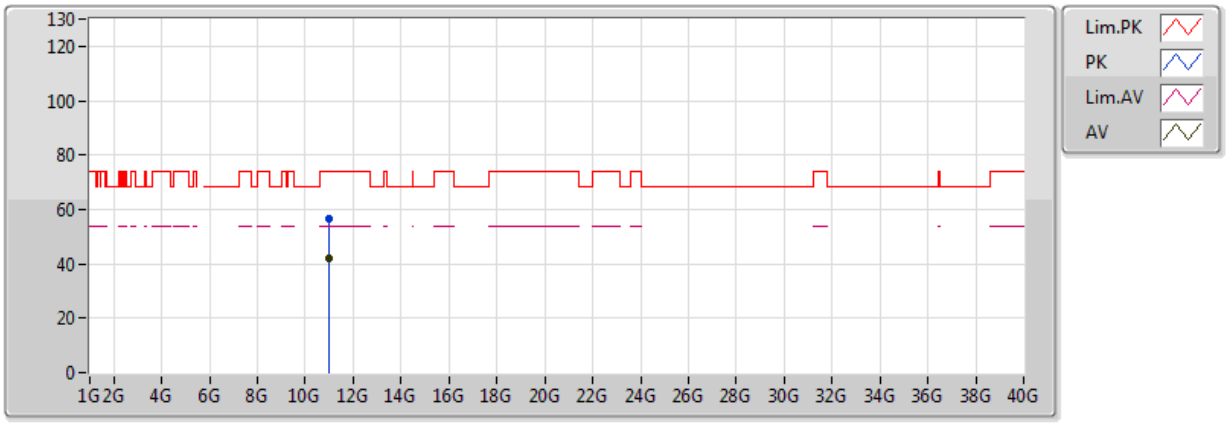


20170520
EUT Y_4TX
Setting 33
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.9945G	40.82	54.00	-13.18	15.83	3	V	344	1.66	-
PK	10.9917G	53.58	74.00	-20.42	15.84	3	V	344	1.66	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

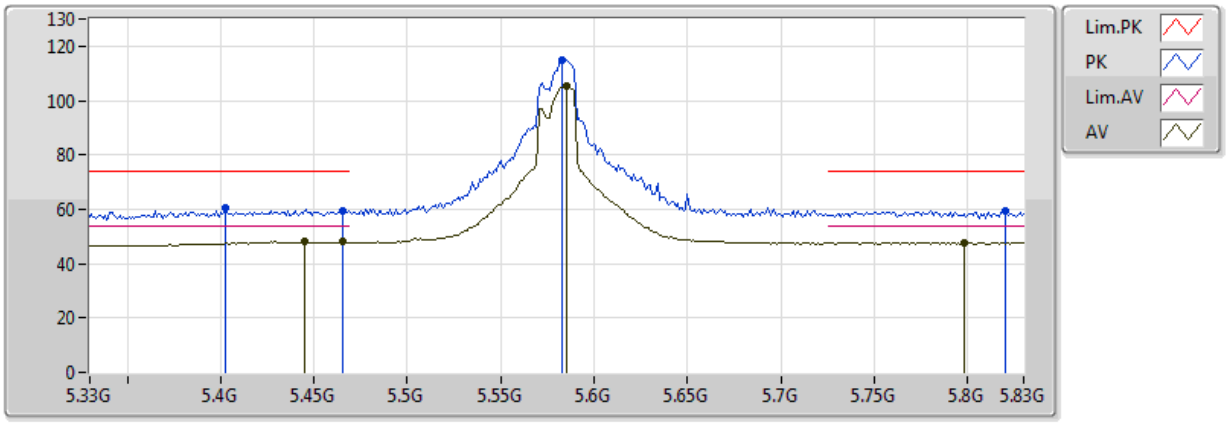


20170520
EUT Y_4TX
Setting 33
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.988G	41.87	54.00	-12.13	15.84	3	H	39	1.67	-
PK	10.9891G	56.32	74.00	-17.68	15.84	3	H	39	1.67	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

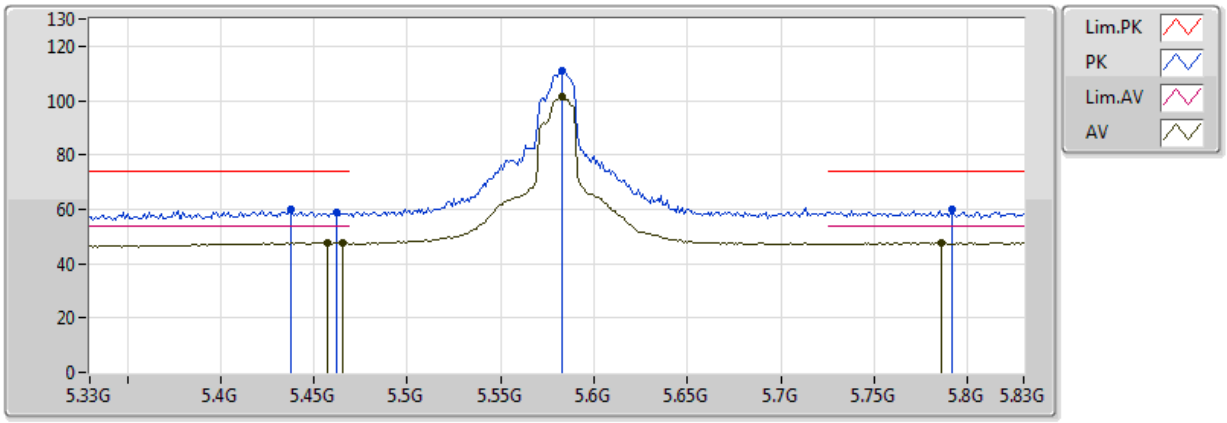


20170520
EUT Y_4TX
Setting 47
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.445G	47.98	54.00	-6.02	9.55	3	V	63	2.13	-
AV	5.465G	47.96	54.00	-6.04	9.60	3	V	63	2.13	-
AV	5.585G	105.15	Inf	-Inf	9.77	3	V	63	2.13	-
AV	5.798G	47.81	54.00	-6.19	9.82	3	V	63	2.13	-
PK	5.403G	60.38	74.00	-13.62	9.44	3	V	63	2.13	-
PK	5.465G	59.42	74.00	-14.58	9.60	3	V	63	2.13	-
PK	5.583G	114.73	Inf	-Inf	9.76	3	V	63	2.13	-
PK	5.82G	59.36	74.00	-14.64	9.85	3	V	63	2.13	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

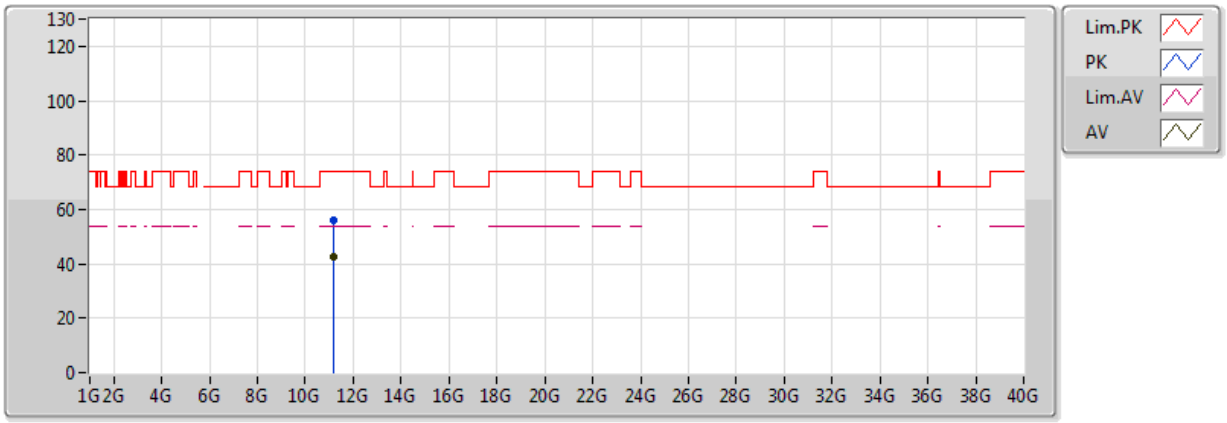


20170520
EUT Y_4TX
Setting 47
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.457G	47.76	54.00	-6.24	9.58	3	H	306	1.98	-
AV	5.465G	47.86	54.00	-6.14	9.60	3	H	306	1.98	-
AV	5.583G	101.55	Inf	-Inf	9.76	3	H	306	1.98	-
AV	5.786G	47.68	54.00	-6.32	9.82	3	H	306	1.98	-
PK	5.438G	59.91	74.00	-14.09	9.53	3	H	306	1.98	-
PK	5.462G	58.56	74.00	-15.44	9.59	3	H	306	1.98	-
PK	5.583G	110.67	Inf	-Inf	9.76	3	H	306	1.98	-
PK	5.792G	60.06	74.00	-13.94	9.82	3	H	306	1.98	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

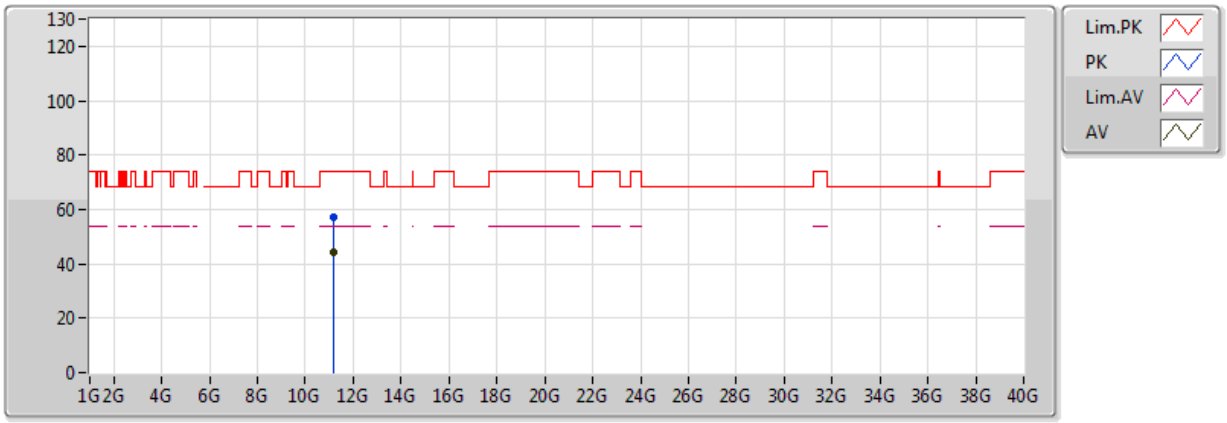


20170520
EUT Y_4TX
Setting 47
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1587G	42.31	54.00	-11.69	15.99	3	V	285	1.56	-
PK	11.1613G	56.09	74.00	-17.91	15.99	3	V	285	1.56	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

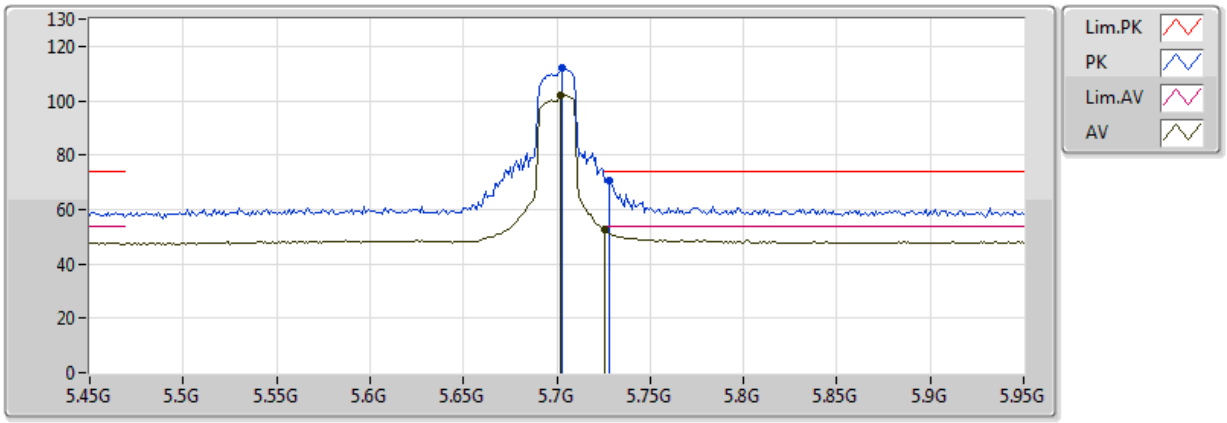


20170520
EUT Y_4TX
Setting 47
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1632G	44.21	54.00	-9.79	15.99	3	H	286	2.62	-
PK	11.1616G	57.06	74.00	-16.94	15.99	3	H	286	2.62	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

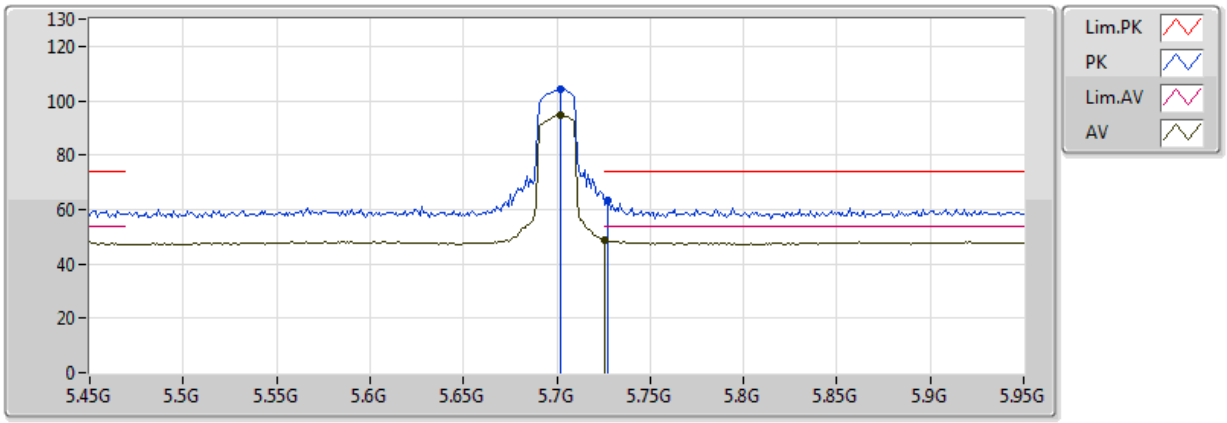


20170520
EUT Y_4TX
Setting 23
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.702G	101.87	Inf	-Inf	9.80	3	V	296	1.91	-
AV	5.726G	52.62	54.00	-1.38	9.81	3	V	296	1.91	-
PK	5.703G	112.09	Inf	-Inf	9.80	3	V	296	1.91	-
PK	5.728G	70.45	74.00	-3.55	9.81	3	V	296	1.91	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

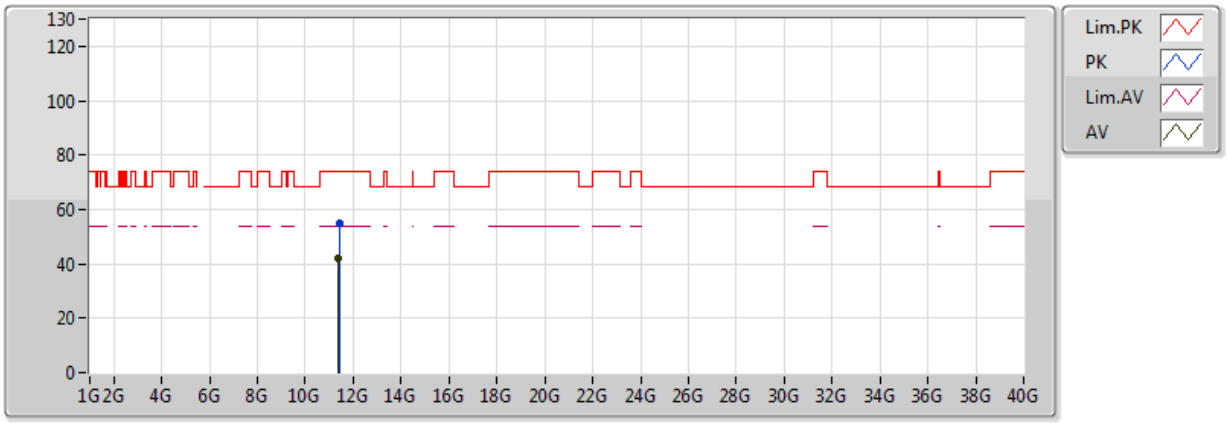


20170520
EUT Y_4TX
Setting 23
02-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.702G	94.86	Inf	-Inf	9.80	3	H	248	2.36	-
AV	5.726G	49.02	54.00	-4.98	9.81	3	H	248	2.36	-
PK	5.702G	104.46	Inf	-Inf	9.80	3	H	248	2.36	-
PK	5.727G	63.44	74.00	-10.56	9.81	3	H	248	2.36	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

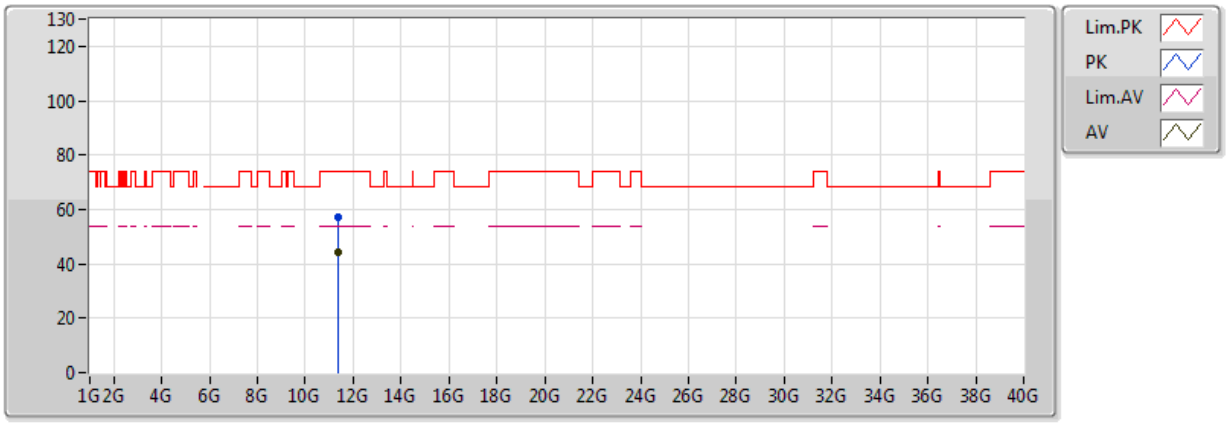


20170520
EUT Y_4TX
Setting 23
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.3898G	41.87	54.00	-12.13	16.22	3	V	348	2.97	-
PK	11.4093G	55.11	74.00	-18.89	16.24	3	V	348	2.97	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

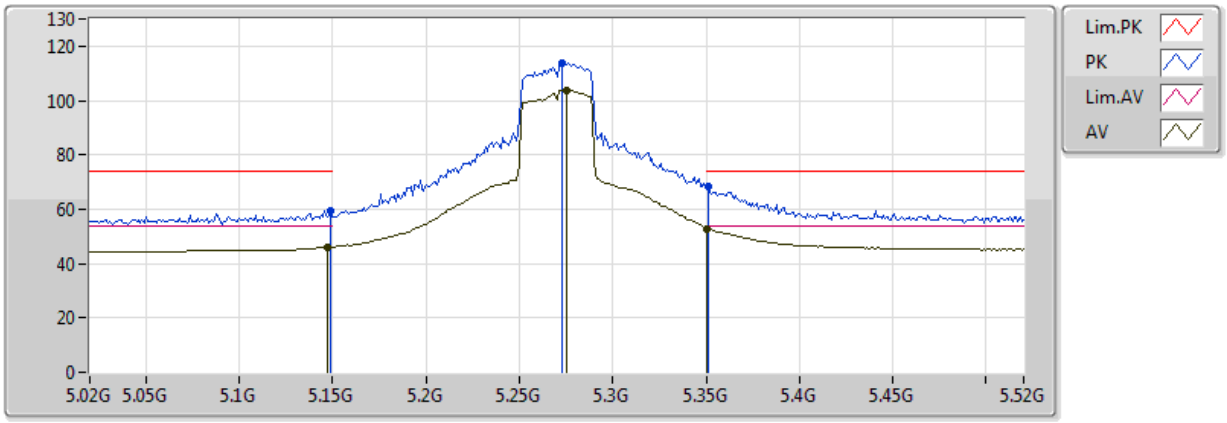


20170520
EUT Y_4TX
Setting 23
02-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.3999G	44.07	54.00	-9.93	16.23	3	H	46	2.86	-
PK	11.4009G	56.93	74.00	-17.07	16.23	3	H	46	2.86	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

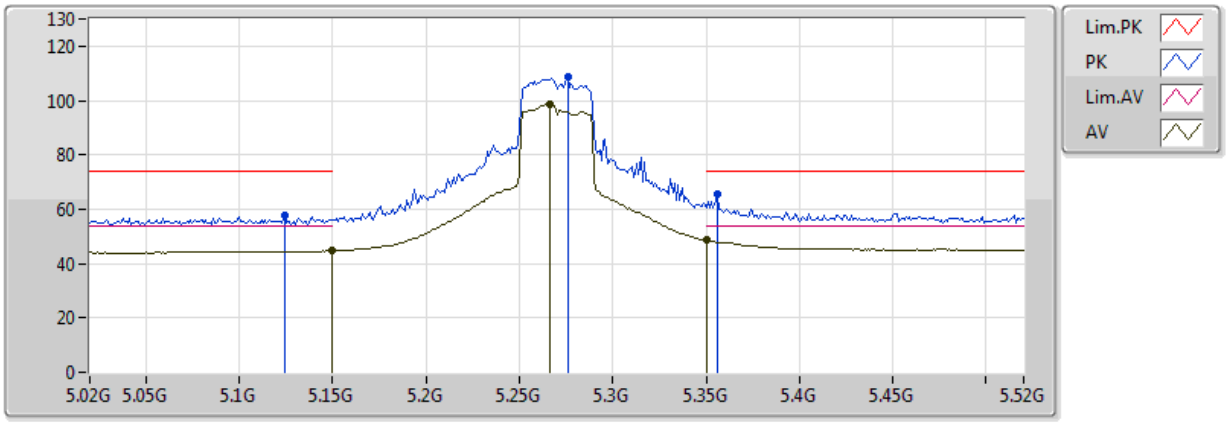


20170522
EUT Y_4TX
Setting 31
01-J-5-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.147G	46.13	54.00	-7.87	4.26	3	V	78	1.98	-
AV	5.275G	103.88	Inf	-Inf	4.54	3	V	78	1.98	-
AV	5.350005G	52.94	54.00	-1.06	4.68	3	V	78	1.98	-
PK	5.149G	59.42	74.00	-14.58	4.27	3	V	78	1.98	-
PK	5.273G	113.93	Inf	-Inf	4.53	3	V	78	1.98	-
PK	5.351G	68.53	74.00	-5.47	4.68	3	V	78	1.98	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

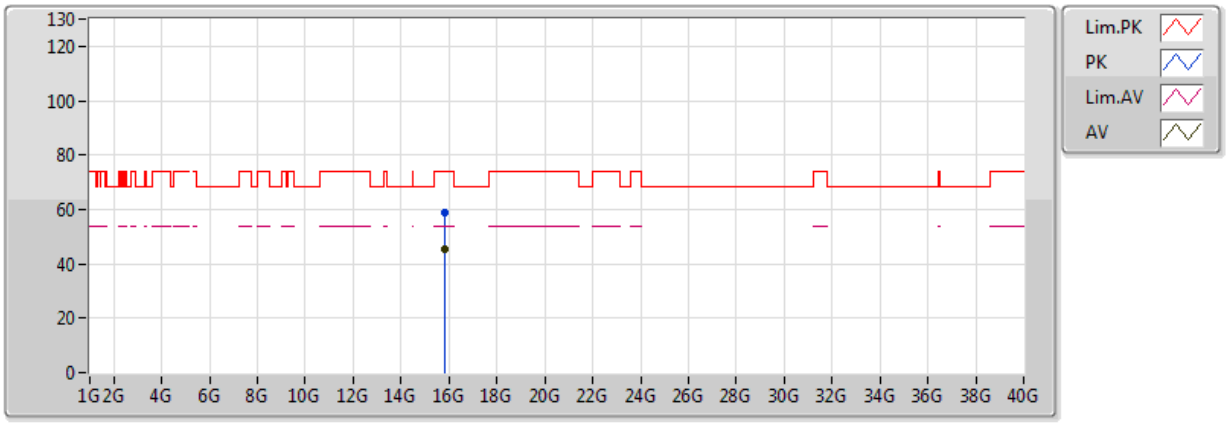


20170522
EUT Y_4TX
Setting 31
01-J-5-10
FSP(100080)

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	44.71	54.00	-9.29	4.27	3	H	152	1.98	-
AV	5.266G	98.75	Inf	-Inf	4.52	3	H	152	1.98	-
AV	5.350005G	48.47	54.00	-5.53	4.68	3	H	152	1.98	-
PK	5.124G	57.90	74.00	-16.10	4.21	3	H	152	1.98	-
PK	5.276G	108.45	Inf	-Inf	4.54	3	H	152	1.98	-
PK	5.356G	65.66	74.00	-8.34	4.69	3	H	152	1.98	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

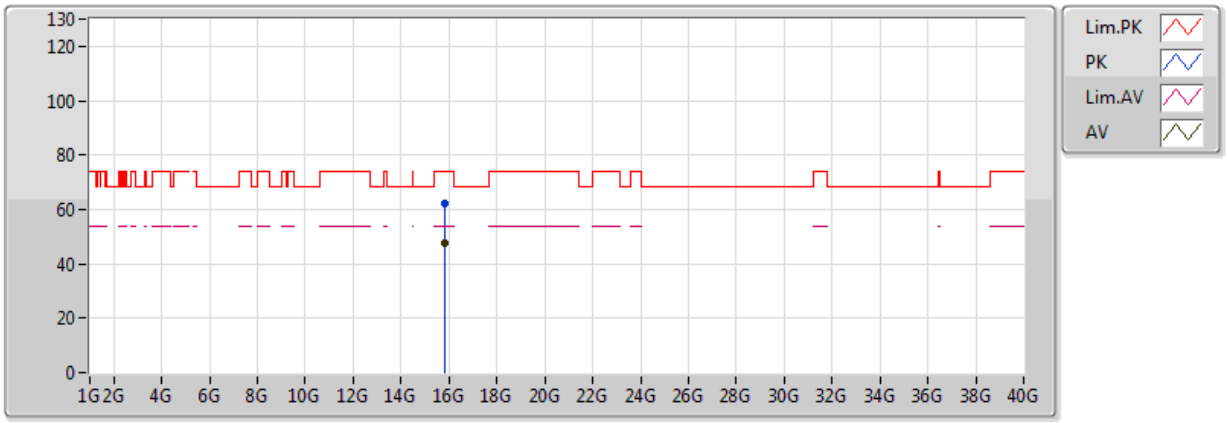


20170522
EUT Y_4TX
Setting 31
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.81456G	45.11	54.00	-8.89	13.46	3	V	330	1.84	-
PK	15.80058G	58.85	74.00	-15.15	13.48	3	V	330	1.84	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

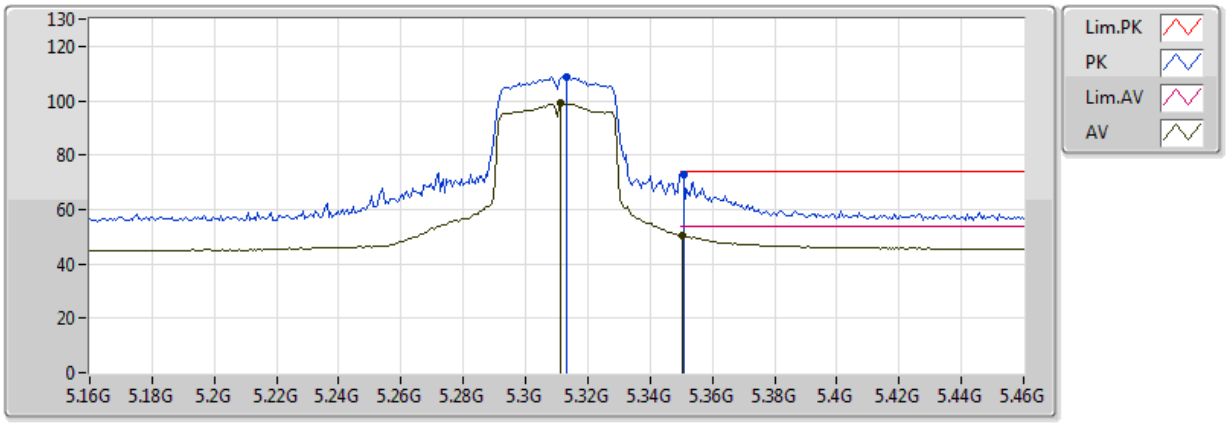


20170522
EUT Y_4TX
Setting 31
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.81054G	47.84	54.00	-6.16	13.46	3	H	48	1.65	-
PK	15.81474G	62.07	74.00	-11.93	13.46	3	H	48	1.65	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

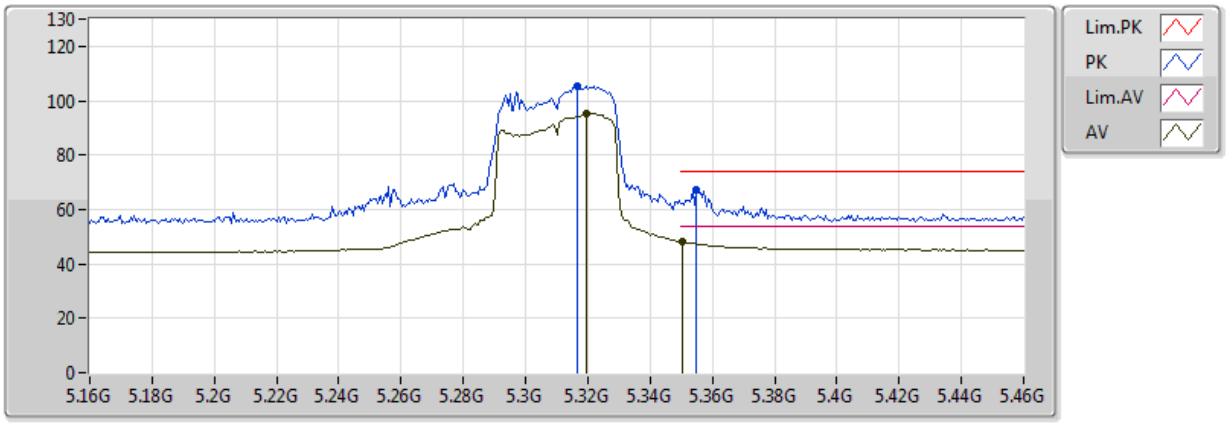


20170522
EUT Y_4TX
Setting 22
01-J-5-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3112G	98.98	Inf	-Inf	4.61	3	V	88	1.50	-
AV	5.3502G	50.42	54.00	-3.58	4.68	3	V	88	1.50	-
PK	5.313G	108.74	Inf	-Inf	4.61	3	V	88	1.50	-
PK	5.3508G	72.92	74.00	-1.08	4.68	3	V	88	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

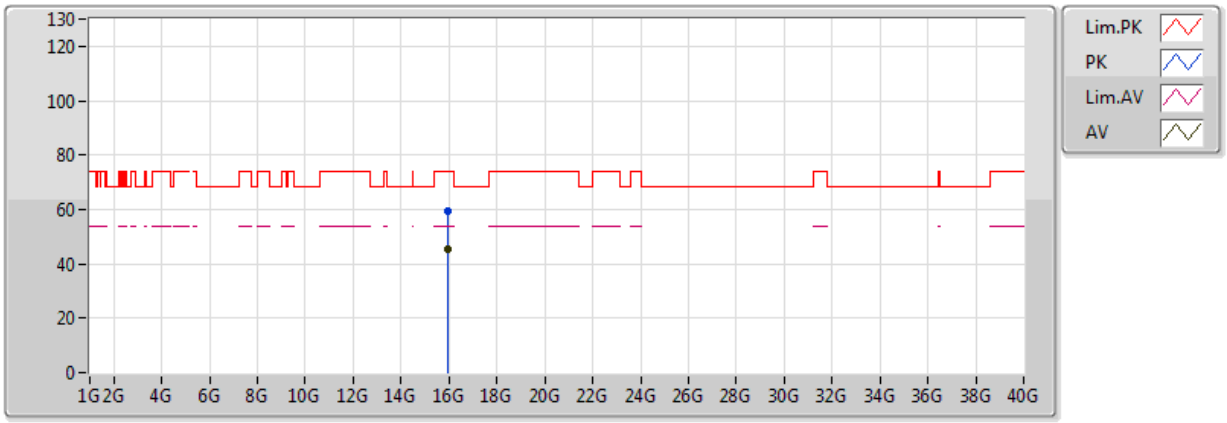


20170522
EUT Y_4TX
Setting 22
01-J-5-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3196G	95.23	Inf	-Inf	4.63	3	H	157	2.11	-
AV	5.3502G	48.07	54.00	-5.93	4.68	3	H	157	2.11	-
PK	5.3166G	105.59	Inf	-Inf	4.62	3	H	157	2.11	-
PK	5.355G	67.31	74.00	-6.69	4.69	3	H	157	2.11	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

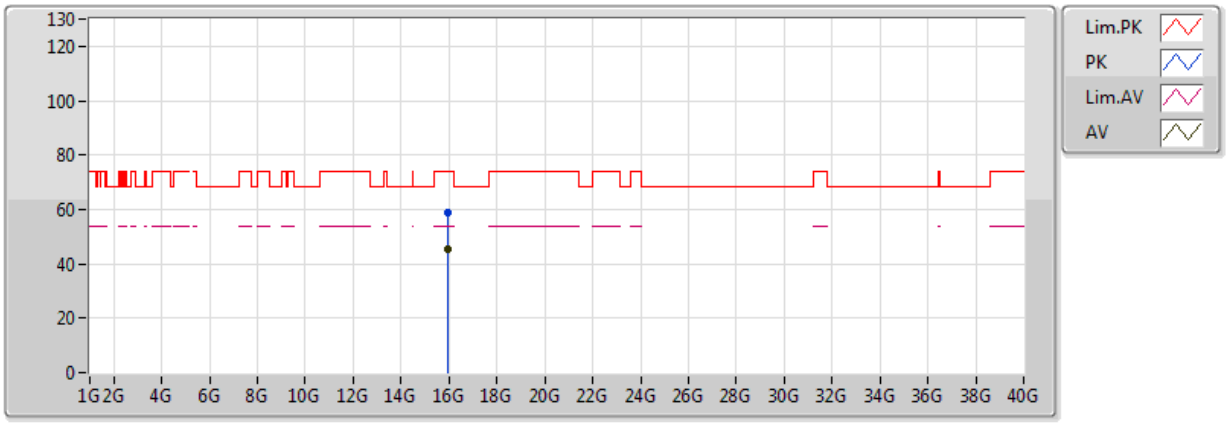


20170522
EUT Y_4TX
Setting 22
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.93018G	45.25	54.00	-8.75	13.32	3	V	196	1.11	-
PK	15.9228G	59.65	74.00	-14.35	13.33	3	V	196	1.11	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

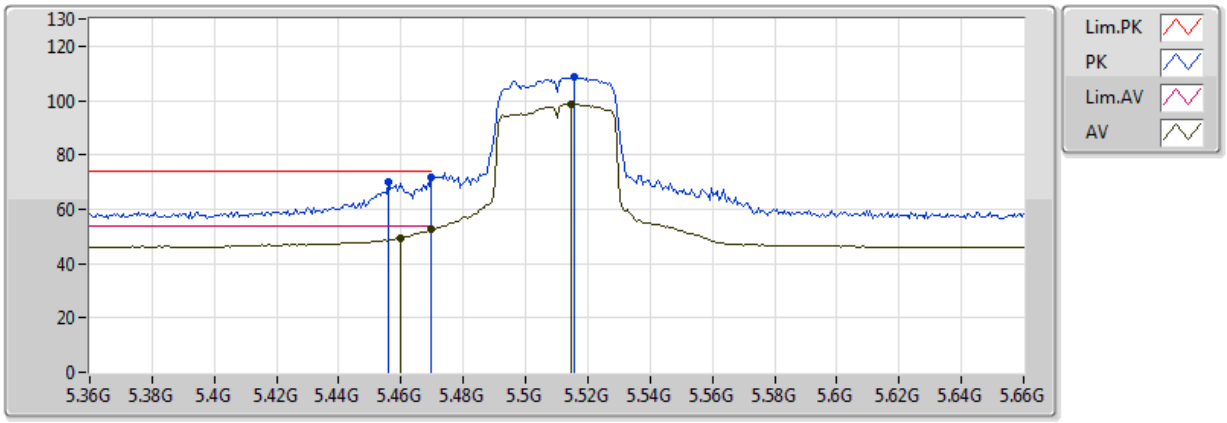


20170522
EUT Y_4TX
Setting 22
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.92874G	45.29	54.00	-8.71	13.32	3	H	325	2.23	-
PK	15.92568G	58.57	74.00	-15.43	13.32	3	H	325	2.23	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

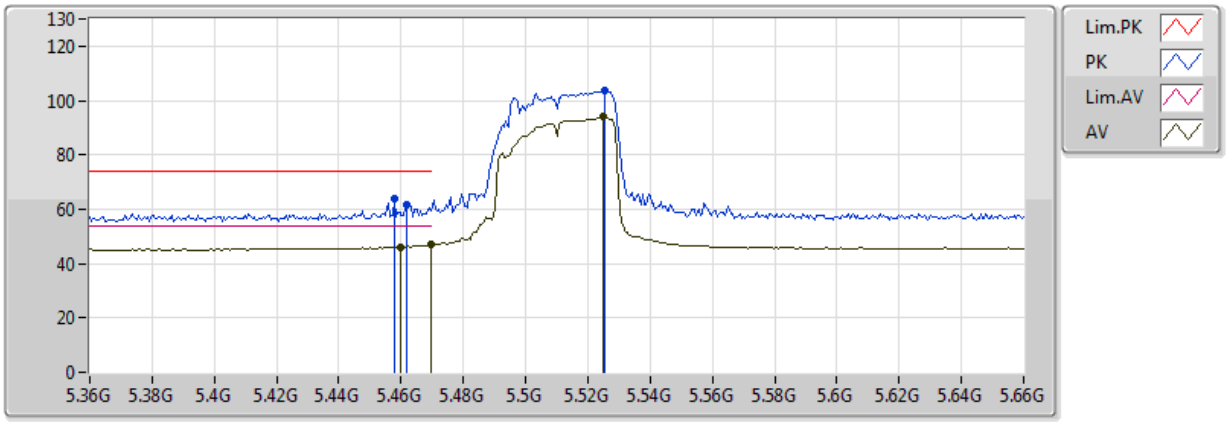


20170522
EUT Y_4TX
Setting 24
01-J-5-10
FSP(100080)

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	49.41	54.00	-4.59	4.93	3	V	312	1.02	-
AV	5.4698G	52.78	54.00	-1.22	4.95	3	V	312	1.02	-
AV	5.5148G	98.84	Inf	-Inf	5.08	3	V	312	1.02	-
PK	5.456G	69.85	74.00	-4.15	4.92	3	V	312	1.02	-
PK	5.4698G	71.49	74.00	-2.51	4.95	3	V	312	1.02	-
PK	5.5154G	108.56	Inf	-Inf	5.08	3	V	312	1.02	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

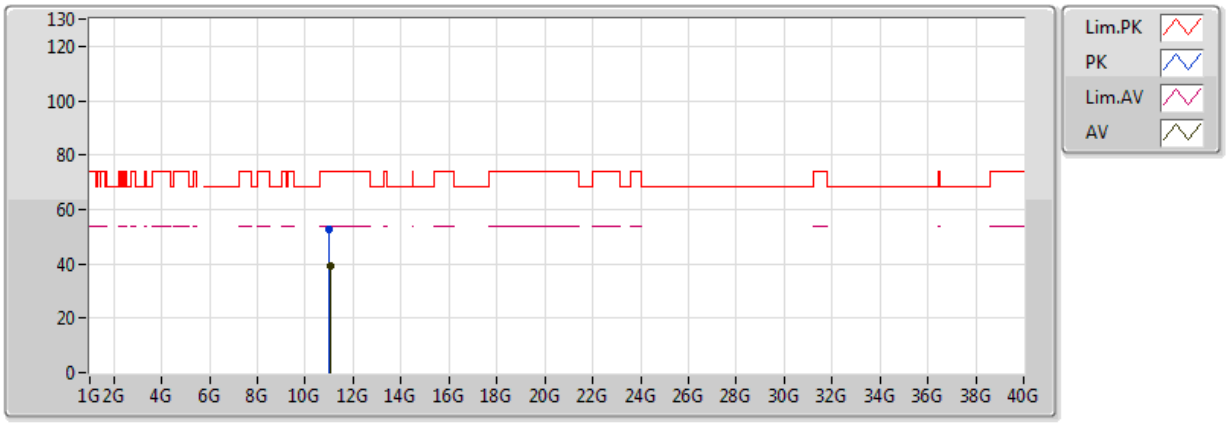


20170522
EUT Y_4TX
Setting 24
01-J-5-10
FSP(100080)

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	46.03	54.00	-7.97	4.93	3	H	38	1.64	-
AV	5.4698G	46.88	54.00	-7.12	4.95	3	H	38	1.64	-
AV	5.525G	94.01	Inf	-Inf	5.12	3	H	38	1.64	-
PK	5.4578G	63.65	74.00	-10.35	4.92	3	H	38	1.64	-
PK	5.462G	61.86	74.00	-12.14	4.93	3	H	38	1.64	-
PK	5.5256G	103.67	Inf	-Inf	5.12	3	H	38	1.64	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

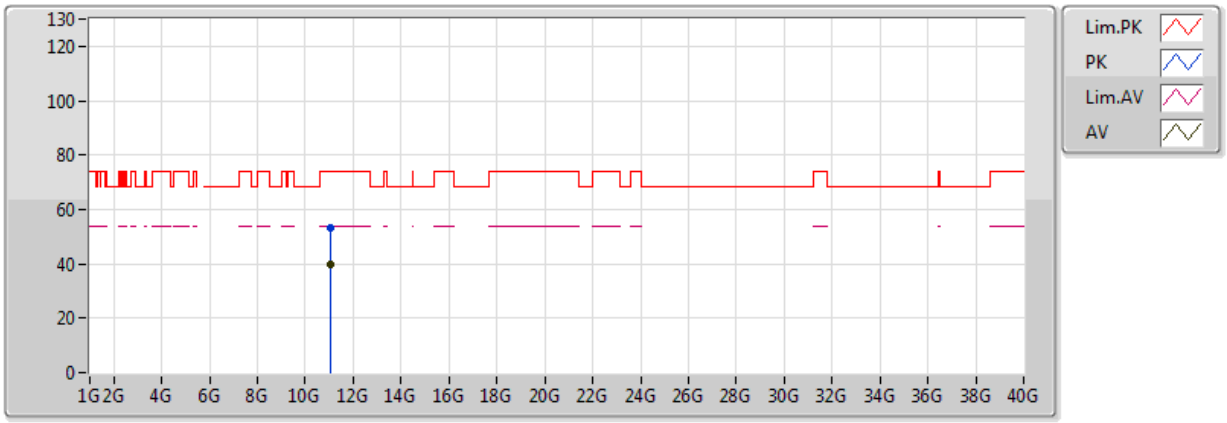


20170522
EUT Y_4TX
Setting 24
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.03188G	39.27	54.00	-14.73	11.82	3	V	85	1.10	-
PK	11.01274G	52.88	74.00	-21.12	11.81	3	V	85	1.10	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

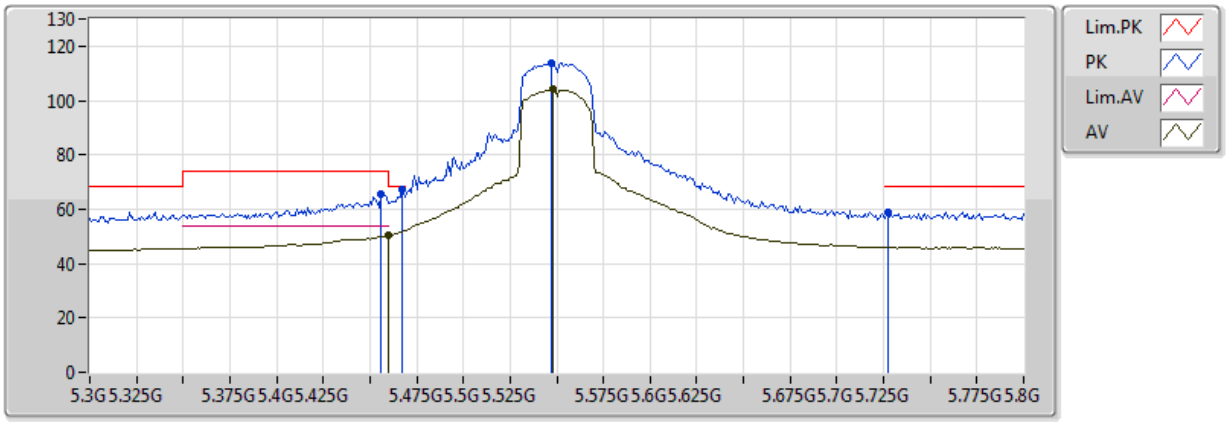


20170522
EUT Y_4TX
Setting 24
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.03212G	39.56	54.00	-14.44	11.82	3	H	24	2.04	-
PK	11.02936G	53.24	74.00	-20.76	11.81	3	H	24	2.04	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

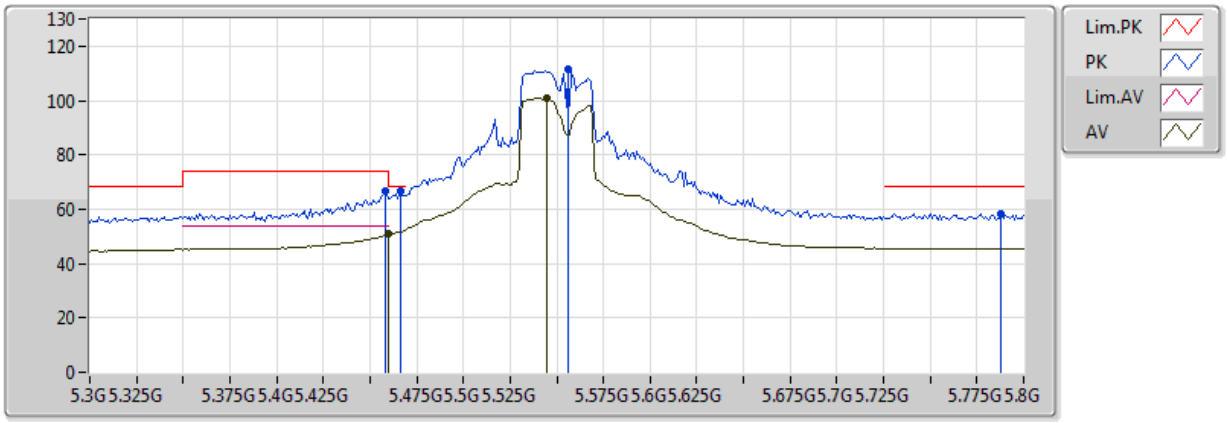


20170522
EUT Y_4TX
Setting 35
01-J-5-10
FSP(100080)

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	50.29	54.00	-3.71	4.93	3	V	104	1.85	-
AV	5.548G	104.09	Inf	-Inf	5.20	3	V	104	1.85	-
PK	5.456G	65.44	74.00	-8.56	4.92	3	V	104	1.85	-
PK	5.467G	67.13	68.20	-1.07	4.94	3	V	104	1.85	-
PK	5.547G	113.95	Inf	-Inf	5.19	3	V	104	1.85	-
PK	5.727G	59.08	68.20	-9.12	5.76	3	V	104	1.85	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

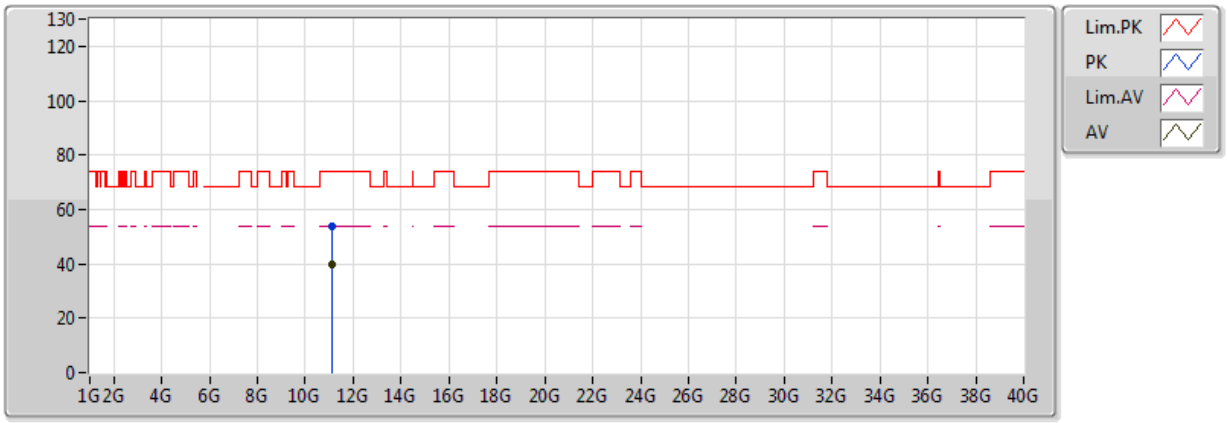


20170522
EUT Y_4TX
Setting 35
01-J-5-10
FSP(100080)

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	50.78	54.00	-3.22	4.93	3	H	155	2.99	-
AV	5.545G	100.89	Inf	-Inf	5.19	3	H	155	2.99	-
PK	5.458G	66.73	74.00	-7.27	4.92	3	H	155	2.99	-
PK	5.466G	66.81	68.20	-1.39	4.94	3	H	155	2.99	-
PK	5.556G	111.59	Inf	-Inf	5.23	3	H	155	2.99	-
PK	5.788G	58.25	68.20	-9.95	5.93	3	H	155	2.99	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

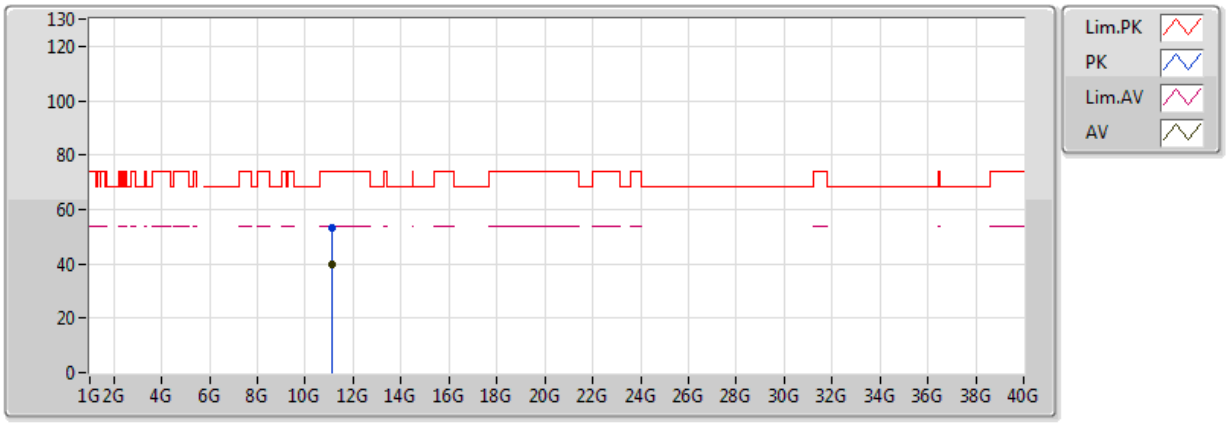


20170522
EUT Y_4TX
Setting 35
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.11086G	39.80	54.00	-14.20	11.85	3	V	59	2.26	-
PK	11.1006G	53.68	74.00	-20.32	11.85	3	V	59	2.26	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

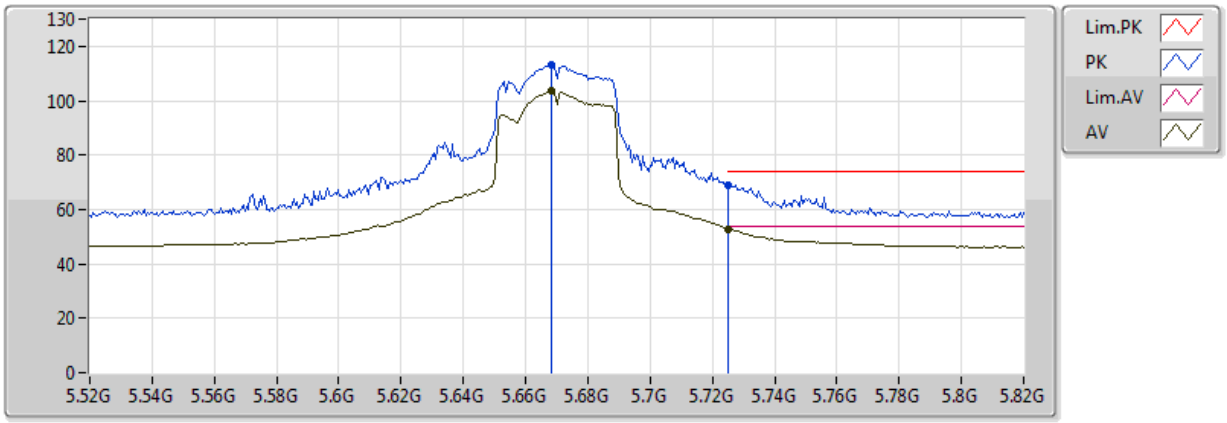


20170522
EUT Y_4TX
Setting 35
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1054G	39.93	54.00	-14.07	11.85	3	H	309	1.66	-
PK	11.10018G	53.48	74.00	-20.52	11.85	3	H	309	1.66	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

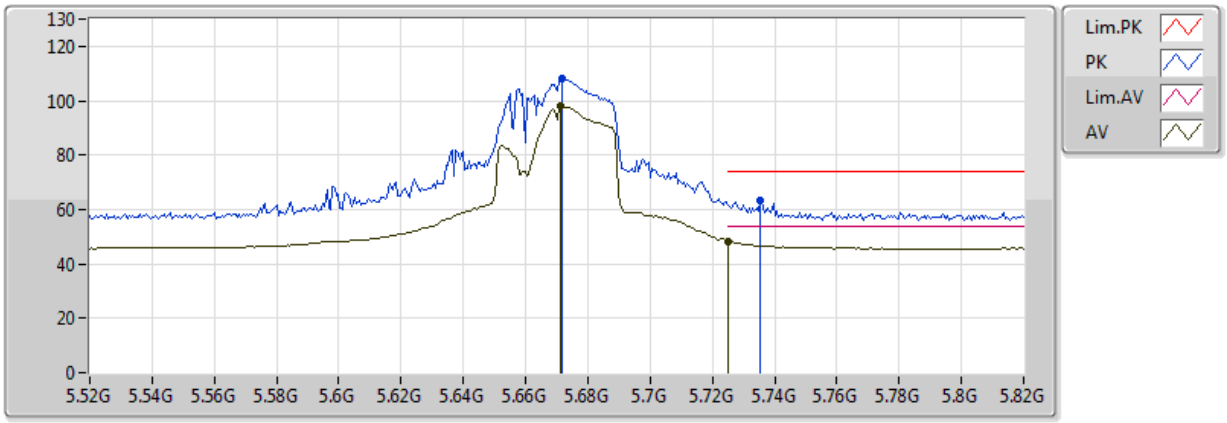


20170522
EUT Y_4TX
Setting 30
01-J-5-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6682G	103.42	Inf	-Inf	5.58	3	V	78	2.01	-
AV	5.7252G	52.93	54.00	-1.07	5.75	3	V	78	2.01	-
PK	5.6682G	113.24	Inf	-Inf	5.58	3	V	78	2.01	-
PK	5.7252G	69.17	74.00	-4.83	5.75	3	V	78	2.01	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

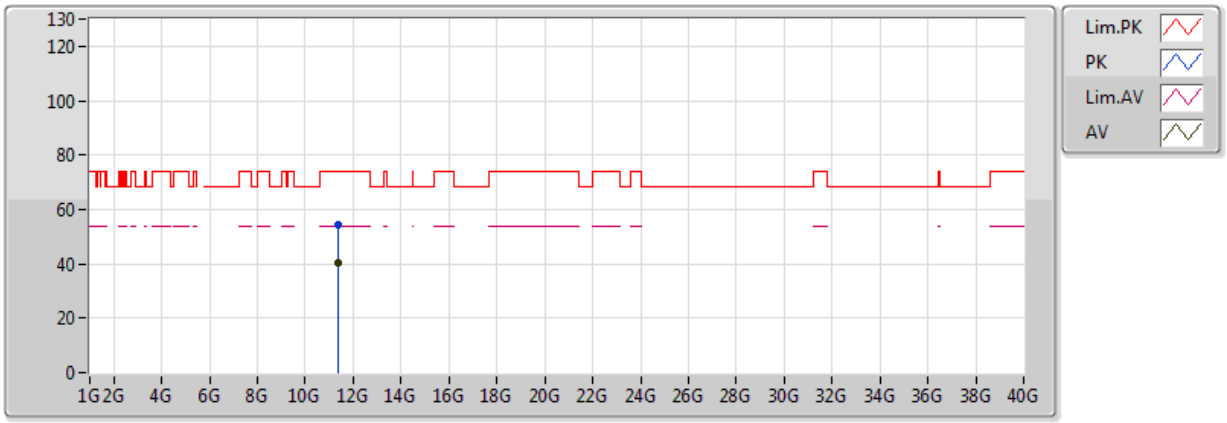


20170522
EUT Y_4TX
Setting 30
01-J-5-10
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6712G	98.01	Inf	-Inf	5.59	3	H	42	1.81	-
AV	5.7252G	48.34	54.00	-5.66	5.75	3	H	42	1.81	-
PK	5.6718G	107.93	Inf	-Inf	5.60	3	H	42	1.81	-
PK	5.7354G	63.28	74.00	-10.72	5.78	3	H	42	1.81	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

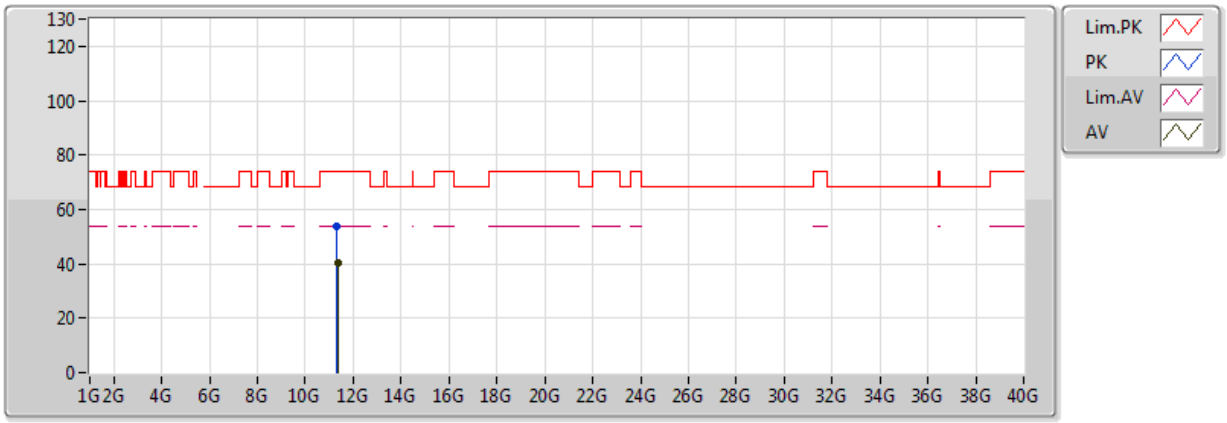


20170522
EUT Y_4TX
Setting 30
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34036G	40.29	54.00	-13.71	11.97	3	V	178	1.59	-
PK	11.343G	54.14	74.00	-19.86	11.97	3	V	178	1.59	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

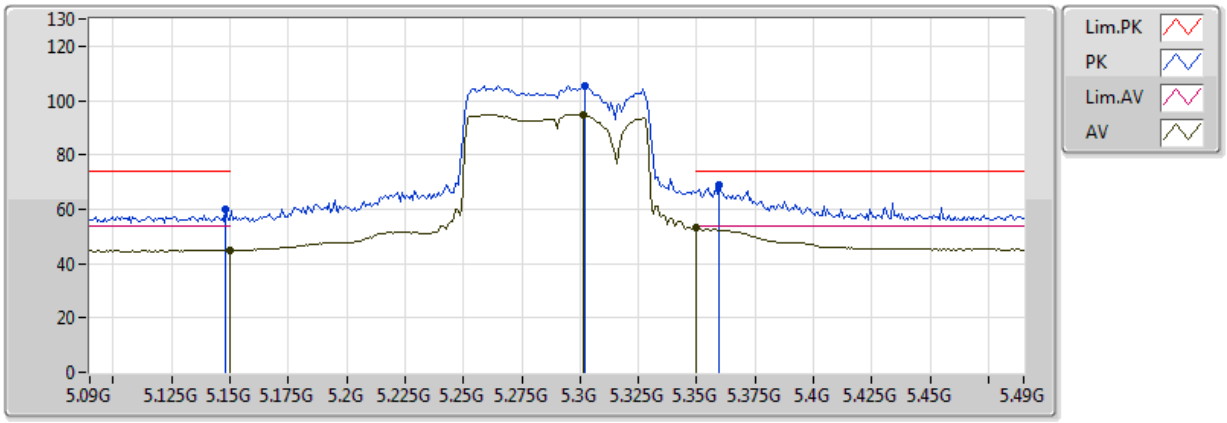


20170522
EUT Y_4TX
Setting 30
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34144G	40.22	54.00	-13.78	11.97	3	H	223	1.99	-
PK	11.32524G	53.59	74.00	-20.41	11.96	3	H	223	1.99	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5290MHz_TX

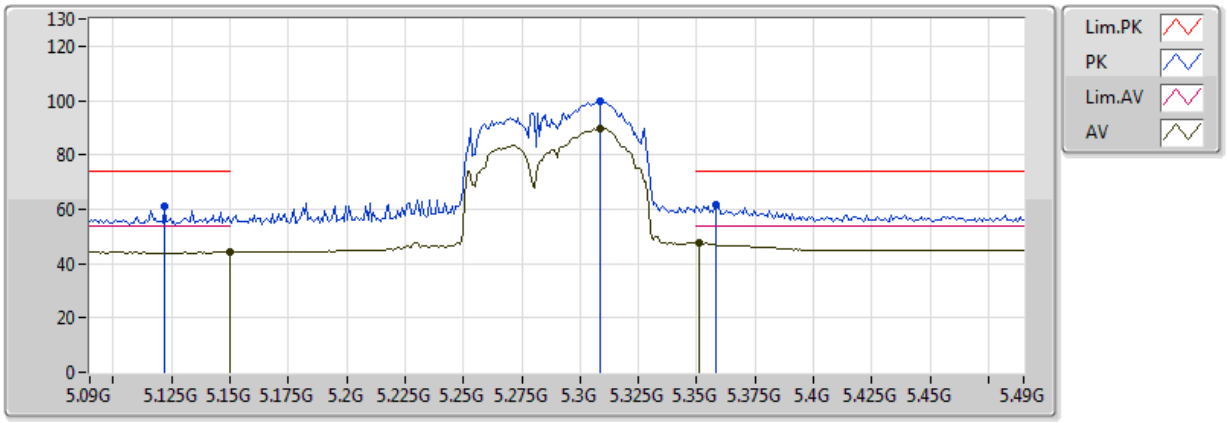


20170522
EUT Y_4TX
Setting 18
01-J-5-10
FSP(100080)

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	44.92	54.00	-9.08	4.27	3	V	14	2.06	-
AV	5.3012G	94.84	Inf	-Inf	4.59	3	V	14	2.06	-
AV	5.350005G	52.98	54.00	-1.02	4.68	3	V	14	2.06	-
PK	5.1484G	60.20	74.00	-13.80	4.27	3	V	14	2.06	-
PK	5.302G	105.24	Inf	-Inf	4.59	3	V	14	2.06	-
PK	5.3596G	68.97	74.00	-5.03	4.70	3	V	14	2.06	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5290MHz_TX

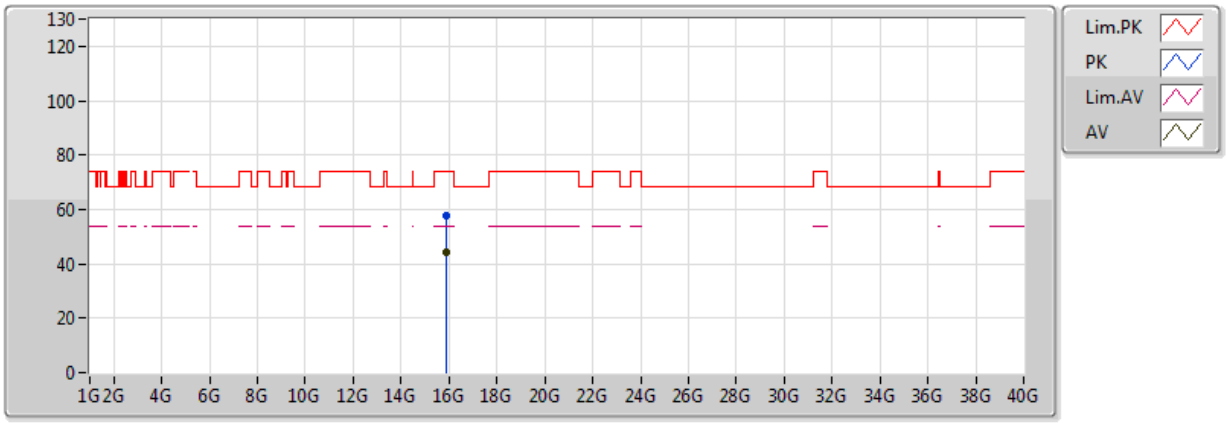


20170522
EUT Y_4TX
Setting 18
01-J-5-10
FSP(100080)

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	44.11	54.00	-9.89	4.27	3	H	244	1.88	-
AV	5.3084G	89.80	Inf	-Inf	4.61	3	H	244	1.88	-
AV	5.3508G	47.71	54.00	-6.29	4.68	3	H	244	1.88	-
PK	5.122G	61.09	74.00	-12.91	4.21	3	H	244	1.88	-
PK	5.3084G	99.55	Inf	-Inf	4.61	3	H	244	1.88	-
PK	5.358G	61.50	74.00	-12.50	4.69	3	H	244	1.88	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5290MHz_TX

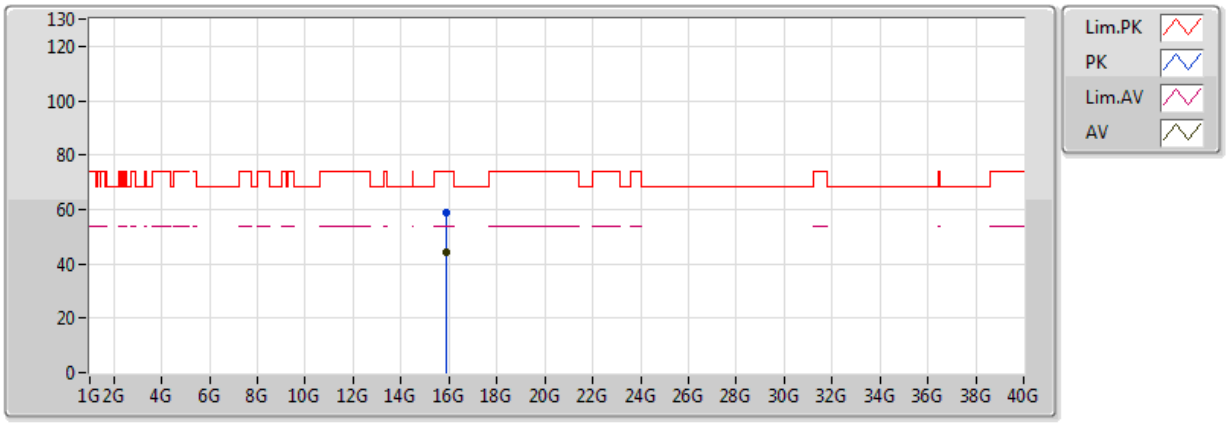


20170522
EUT Y_4TX
Setting 18
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.8817G	44.20	54.00	-9.80	13.38	3	V	186	1.15	-
PK	15.8736G	57.91	74.00	-16.09	13.39	3	V	186	1.15	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5290MHz_TX

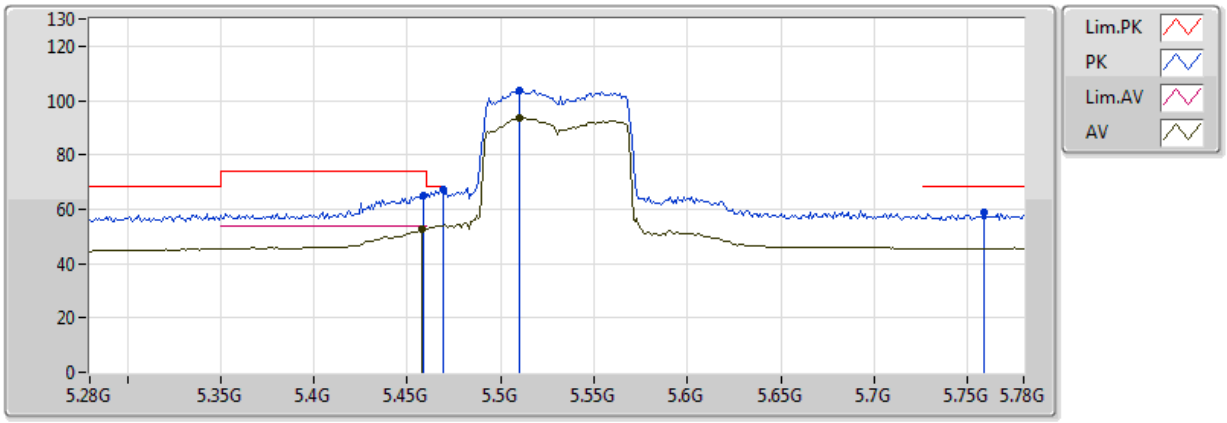


20170522
EUT Y_4TX
Setting 18
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.88482G	44.26	54.00	-9.74	13.37	3	H	347	1.91	-
PK	15.88488G	58.64	74.00	-15.36	13.37	3	H	347	1.91	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5530MHz_TX

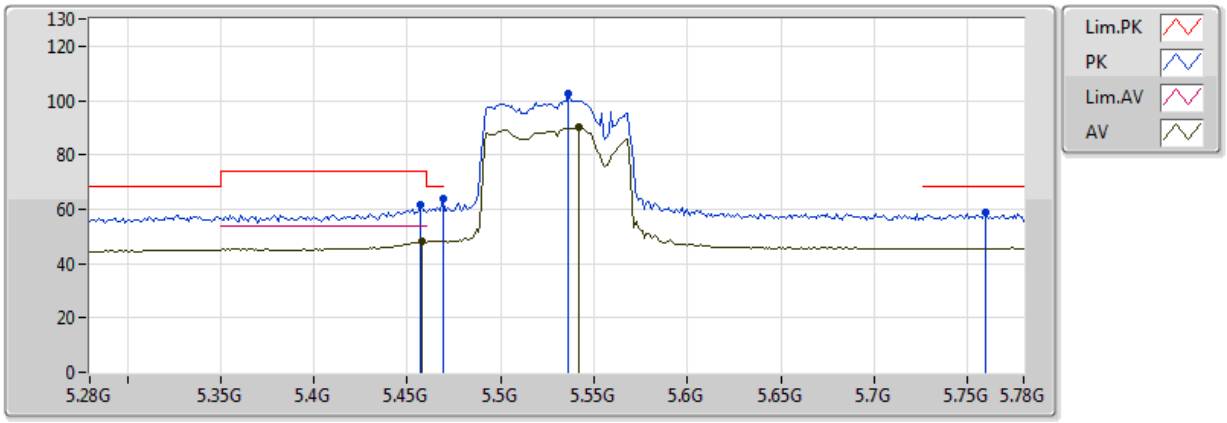


20170522
EUT Y_4TX
Setting 19
01-J-5-10
FSP(100080)

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	52.82	54.00	-1.18	4.92	3	V	96	1.85	-
AV	5.51G	93.73	Inf	-Inf	5.06	3	V	96	1.85	-
PK	5.459G	65.28	74.00	-8.72	4.92	3	V	96	1.85	-
PK	5.469G	67.13	68.20	-1.07	4.95	3	V	96	1.85	-
PK	5.51G	103.90	Inf	-Inf	5.06	3	V	96	1.85	-
PK	5.759G	58.71	68.20	-9.49	5.85	3	V	96	1.85	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5530MHz_TX

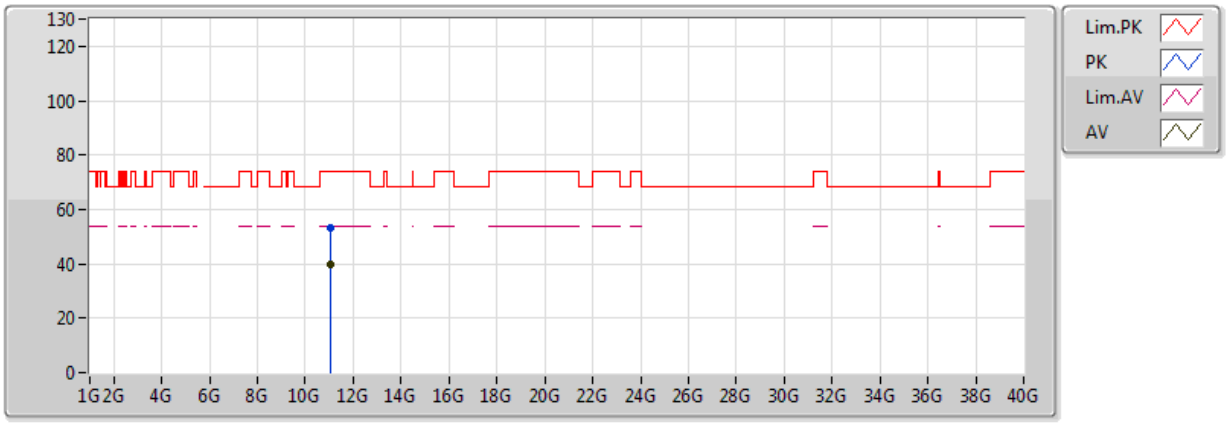


20170522
EUT Y_4TX
Setting 19
01-J-5-10
FSP(100080)

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	48.25	54.00	-5.75	4.92	3	H	159	2.99	-
AV	5.542G	90.00	Inf	-Inf	5.18	3	H	159	2.99	-
PK	5.457G	61.44	74.00	-12.56	4.92	3	H	159	2.99	-
PK	5.469G	63.66	68.20	-4.54	4.95	3	H	159	2.99	-
PK	5.536G	102.62	Inf	-Inf	5.16	3	H	159	2.99	-
PK	5.76G	58.69	68.20	-9.51	5.85	3	H	159	2.99	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5530MHz_TX

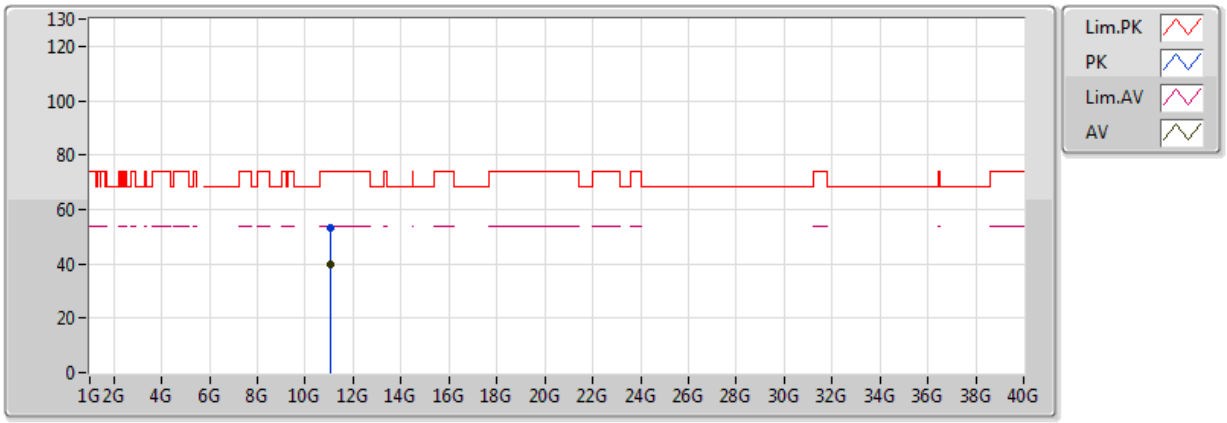


20170522
EUT Y_4TX
Setting 19
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.07176G	40.02	54.00	-13.98	11.84	3	V	9	2.26	-
PK	11.05262G	53.09	74.00	-20.91	11.83	3	V	9	2.26	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5530MHz_TX

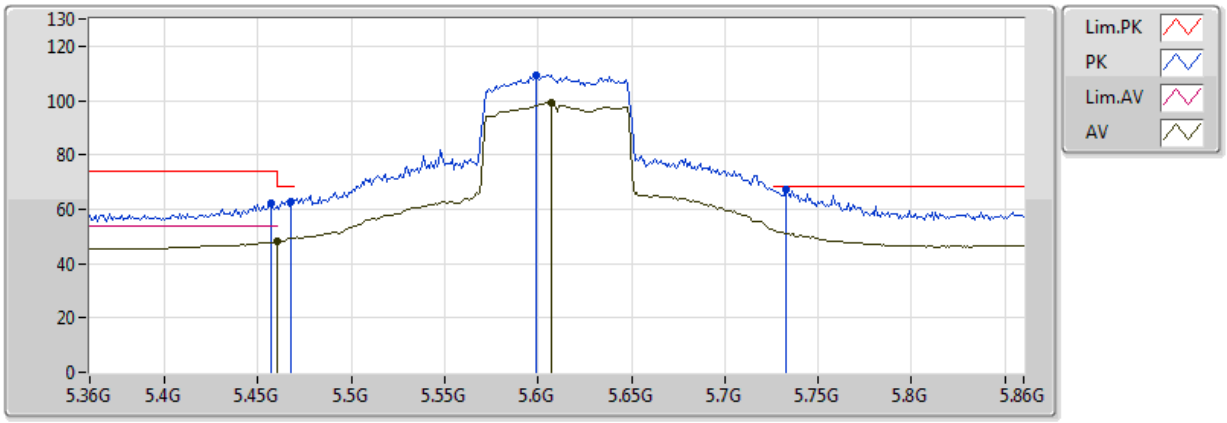


20170522
EUT Y_4TX
Setting 19
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.06888G	40.03	54.00	-13.97	11.83	3	H	229	2.43	-
PK	11.06054G	53.31	74.00	-20.69	11.83	3	H	229	2.43	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

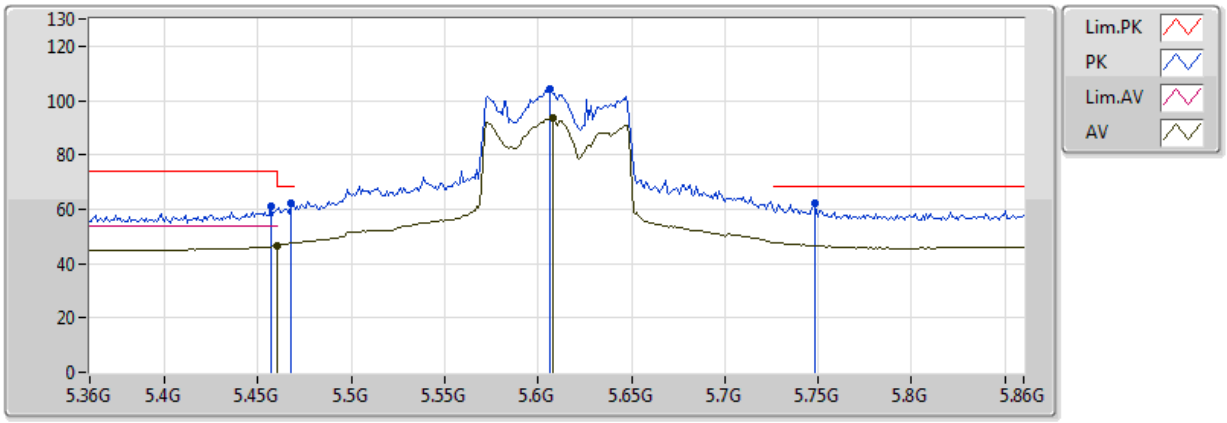


20170522
EUT Y_4TX
Setting 28
01-J-5-10
FSP(100080)

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	48.18	54.00	-5.82	4.93	3	V	19	2.20	-
AV	5.607G	99.08	Inf	-Inf	5.40	3	V	19	2.20	-
PK	5.457G	62.17	74.00	-11.83	4.92	3	V	19	2.20	-
PK	5.468G	62.96	68.20	-5.24	4.95	3	V	19	2.20	-
PK	5.599G	109.23	Inf	-Inf	5.38	3	V	19	2.20	-
PK	5.733G	67.12	68.20	-1.08	5.77	3	V	19	2.20	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

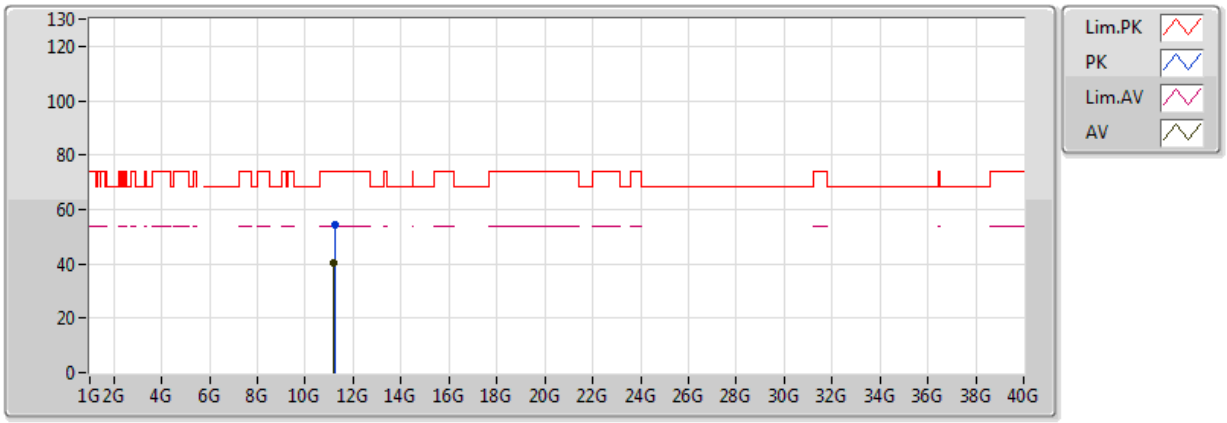


20170522
EUT Y_4TX
Setting 28
01-J-5-10
FSP(100080)

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	46.48	54.00	-7.52	4.93	3	H	37	2.83	-
AV	5.608G	93.48	Inf	-Inf	5.40	3	H	37	2.83	-
PK	5.457G	61.02	74.00	-12.98	4.92	3	H	37	2.83	-
PK	5.468G	62.15	68.20	-6.05	4.95	3	H	37	2.83	-
PK	5.606G	104.04	Inf	-Inf	5.40	3	H	37	2.83	-
PK	5.748G	62.40	68.20	-5.80	5.81	3	H	37	2.83	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

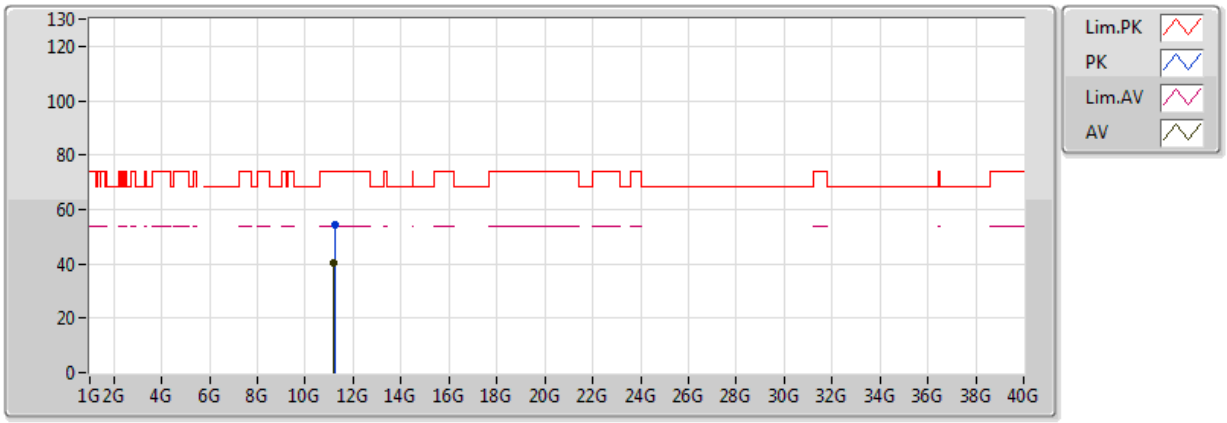


20170522
EUT Y_4TX
Setting 28
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.20524G	40.59	54.00	-13.41	11.90	3	V	107	2.49	-
PK	11.23008G	54.24	74.00	-19.76	11.91	3	V	107	2.49	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5610MHz_TX



20170522
EUT Y_4TX
Setting 28
01-J-5
FSP(100080)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.21016G	40.59	54.00	-13.41	11.90	3	H	237	1.09	-
PK	11.23362G	54.09	74.00	-19.91	11.91	3	H	237	1.09	-

Mode: 20 MHz / Chain 3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5299.9967	5299.9962	5299.9957	5299.9954
110.00	5299.9957	5299.9951	5299.9948	5299.9944
93.50	5299.9956	5299.9948	5299.9947	5299.9941
Max. Deviation (MHz)	0.0044	0.0052	0.0053	0.0059
Max. Deviation (ppm)	0.83	0.98	1.00	1.11
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5299.9983	5299.9971	5299.9952	5299.9930
10	5299.9970	5299.9957	5299.9942	5299.9924
20	5299.9958	5299.9945	5299.9929	5299.9910
30	5299.9944	5299.9933	5299.9919	5299.9903
40	5299.9928	5299.9913	5299.9897	5299.9877
Max. Deviation (MHz)	0.0089	0.0101	0.0116	0.0143
Max. Deviation (ppm)	1.68	1.91	2.19	2.70
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5579.9942	5579.9935	5579.9930	5579.9925
110.00	5579.9939	5579.9931	5579.9930	5579.9927
93.50	5579.9931	5579.9921	5579.9917	5579.9914
Max. Deviation (MHz)	0.0069	0.0079	0.0083	0.0086
Max. Deviation (ppm)	1.24	1.42	1.49	1.54
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5579.9954	5579.9942	5579.9923	5579.9901
10	5579.9941	5579.9928	5579.9913	5579.9895
20	5579.9929	5579.9916	5579.9900	5579.9881
30	5579.9915	5579.9904	5579.9890	5579.9874
40	5579.9899	5579.9884	5579.9868	5579.9848
Max. Deviation (MHz)	0.0118	0.0130	0.0145	0.0172
Max. Deviation (ppm)	2.11	2.33	2.60	3.08
Result	Pass			

Mode: 40 MHz / Chain 3
Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5309.9941	5309.9936	5309.9935	5309.9929
110.00	5309.9940	5309.9938	5309.9935	5309.9930
93.50	5309.9935	5309.9925	5309.9918	5309.9909
Max. Deviation (MHz)	0.0065	0.0075	0.0082	0.0091
Max. Deviation (ppm)	1.22	1.41	1.54	1.71
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5309.9930	5309.9918	5309.9899	5309.9877
10	5309.9917	5309.9904	5309.9889	5309.9871
20	5309.9905	5309.9892	5309.9876	5309.9857
30	5309.9891	5309.9880	5309.9866	5309.9850
40	5309.9875	5309.9860	5309.9844	5309.9824
Max. Deviation (MHz)	0.0142	0.0154	0.0169	0.0196
Max. Deviation (ppm)	2.67	2.90	3.18	3.69
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5549.9939	5549.9932	5549.9922	5549.9919
110.00	5549.9936	5549.9933	5549.9925	5549.9917
93.50	5549.9927	5549.9919	5549.9911	5549.9903
Max. Deviation (MHz)	0.0073	0.0081	0.0089	0.0097
Max. Deviation (ppm)	1.32	1.46	1.60	1.75
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5550.0018	5550.0006	5549.9987	5549.9965
10	5550.0005	5549.9992	5549.9977	5549.9959
20	5549.9993	5549.9980	5549.9964	5549.9945
30	5549.9979	5549.9968	5549.9954	5549.9938
40	5549.9963	5549.9948	5549.9932	5549.9912
Max. Deviation (MHz)	0.0063	0.0066	0.0081	0.0108
Max. Deviation (ppm)	1.14	1.19	1.46	1.95
Result	Pass			

Mode: 80 MHz / Chain 3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5289.9936	5289.9927	5289.9917	5289.9914
110.00	5289.9926	5289.9923	5289.9913	5289.9910
93.50	5289.9924	5289.9916	5289.9908	5289.9901
Max. Deviation (MHz)	0.0076	0.0084	0.0092	0.0099
Max. Deviation (ppm)	1.44	1.59	1.74	1.87
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5289.9975	5289.9963	5289.9944	5289.9922
10	5289.9962	5289.9949	5289.9934	5289.9916
20	5289.9950	5289.9937	5289.9921	5289.9902
30	5289.9936	5289.9925	5289.9911	5289.9895
40	5289.9920	5289.9905	5289.9889	5289.9869
Max. Deviation (MHz)	0.0097	0.0109	0.0124	0.0151
Max. Deviation (ppm)	1.83	2.06	2.34	2.85
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5529.9931	5529.9926	5529.9924	5529.9921
110.00	5529.9928	5529.9921	5529.9917	5529.9907
93.50	5529.9925	5529.9915	5529.9912	5529.9905
Max. Deviation (MHz)	0.0075	0.0085	0.0088	0.0095
Max. Deviation (ppm)	1.36	1.54	1.59	1.72
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5529.9940	5529.9928	5529.9909	5529.9887
10	5529.9927	5529.9914	5529.9899	5529.9881
20	5529.9915	5529.9902	5529.9886	5529.9867
30	5529.9901	5529.9890	5529.9876	5529.9860
40	5529.9885	5529.9870	5529.9854	5529.9834
Max. Deviation (MHz)	0.0132	0.0144	0.0159	0.0186
Max. Deviation (ppm)	2.39	2.60	2.88	3.36
Result	Pass			