



FCC RADIO TEST REPORT

FCC ID : TE7RE200V4
Equipment : AC750 Wi-Fi Range Extender
Brand Name : tp-link
Model Name : RE200/RE220
Applicant : TP-Link Technologies Co., Ltd.
Building 24 (floors 1,3,4,5) and 28
(floors1-4),Central Science and Technology
Park,Nanshan , Shenzhen,518057 , China
Manufacturer : TP-Link Technologies Co., Ltd.
Building 24 (floors 1,3,4,5) and 28
(floors1-4),Central Science and Technology
Park,Nanshan , Shenzhen,518057 , China
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 26, 2019, and testing was started from Sep. 10, 2019 and completed on Nov. 08, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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


Approved by: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
5725-5850		5775	155 [1]



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.15-5.25GHz	802.11n HT20	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11n HT40	40	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11n HT20	20	1TX
5.25-5.35GHz	802.11ac VHT20	20	1TX
5.25-5.35GHz	802.11n HT40	40	1TX
5.25-5.35GHz	802.11ac VHT40	40	1TX
5.25-5.35GHz	802.11ac VHT80	80	1TX
5.47-5.725GHz	802.11a	20	1TX
5.47-5.725GHz	802.11n HT20	20	1TX
5.47-5.725GHz	802.11ac VHT20	20	1TX
5.47-5.725GHz	802.11n HT40	40	1TX
5.47-5.725GHz	802.11ac VHT40	40	1TX
5.47-5.725GHz	802.11ac VHT80	80	1TX
5.725-5.85GHz	802.11a	20	1TX
5.725-5.85GHz	802.11n HT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11n HT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ac VHT80	80	1TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ 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.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)				
						2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
1	1	TP-Link	N/A	Printed	N/A	1.95	-	-	-	-
2	2	TP-Link	N/A	Printed	N/A	1.96	-	-	-	-
3	1	TP-Link	N/A	Printed	N/A	-	2.50	2.28	2.75	2.98

Note: The above information was declared by manufacturer.

<For 2.4GHz Band>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz Band>

For IEEE 802.11a/n/ac mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT20	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT80	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Internal Power Supply			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	MT76xxE QA UI (Version 2.0.10.0)			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The EUT has two model names which are identical to each other in all aspects except for the following table:

Model Name	Description
RE200	All the models are identical, the difference model for difference marketing strategy.
RE220	

From the above models, model: RE200 was selected as representative model for the test and its data was recorded in this report.

1.1.6 Table for EUT support function

Function
AP (Master) Mode
Repeater (Master + Client without radar detection) Mode

Note: The EUT supports AP and Repeater mode, only Repeater mode was tested and recorded in this test report by manufacturer request.



1.2 Applicable 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 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
☒	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH03-CB	Serway Li	25.1-26.6°C / 58-62%	Sep. 14, 2019~Nov. 08, 2019
Radiated (Below 1GHz)	03CH05-CB	KJ Chang	24.3-25.4°C / 60-63%	Sep. 10, 2019
Radiated (Above 1GHz)	03CH03-CB	KJ Chang	24.2-25.4°C / 59-63%	Sep. 18, 2019~Nov. 08, 2019
AC Conduction	CO01-CB	Rick Yeh	25-26°C / 45-46%	Sep. 11, 2019

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	13
5200MHz	1F
5240MHz	12
5260MHz	12
5300MHz	12
5320MHz	11
5500MHz	10
5580MHz	14
5700MHz	10
5745MHz	1A
5785MHz	18
5825MHz	18
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5180MHz	13
5200MHz	1C
5240MHz	13
5260MHz	13
5300MHz	13
5320MHz	13
5500MHz	10
5580MHz	14
5700MHz	11
5745MHz	1C
5785MHz	1E
5825MHz	1D
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5190MHz	09
5230MHz	13
5270MHz	13
5310MHz	09
5510MHz	09
5550MHz	11
5670MHz	17
5755MHz	18
5795MHz	1F



Mode	PowerSetting
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5210MHz	06
5290MHz	05
5530MHz	07
5610MHz	19
5775MHz	18

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.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	Repeater Mode

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	Repeater Mode: Place EUT in Y axis
2	Repeater Mode: Place EUT in Z axis
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT can be placed in Y-axis and Z-axis. After evaluating, Z-axis was the worst case, so the test will follow this same test configuration.	
1	EUT in Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The EUT can be placed in Y-axis and Z-axis. After evaluating, Z-axis was the worst case, so the test will follow this same test configuration.	
1	WLAN 2.4GHz + WLAN 5GHz_EUT in Z axis
Refer to Appendix F for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA982620 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.



2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	AP Router	ASUS	RP-N53	MSQ-RPN53

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN AP	NETGEAR	WNDR3300v2	PY309300116
C	NB	DELL	E4300	N/A
D	NB	DELL	E4300	N/A

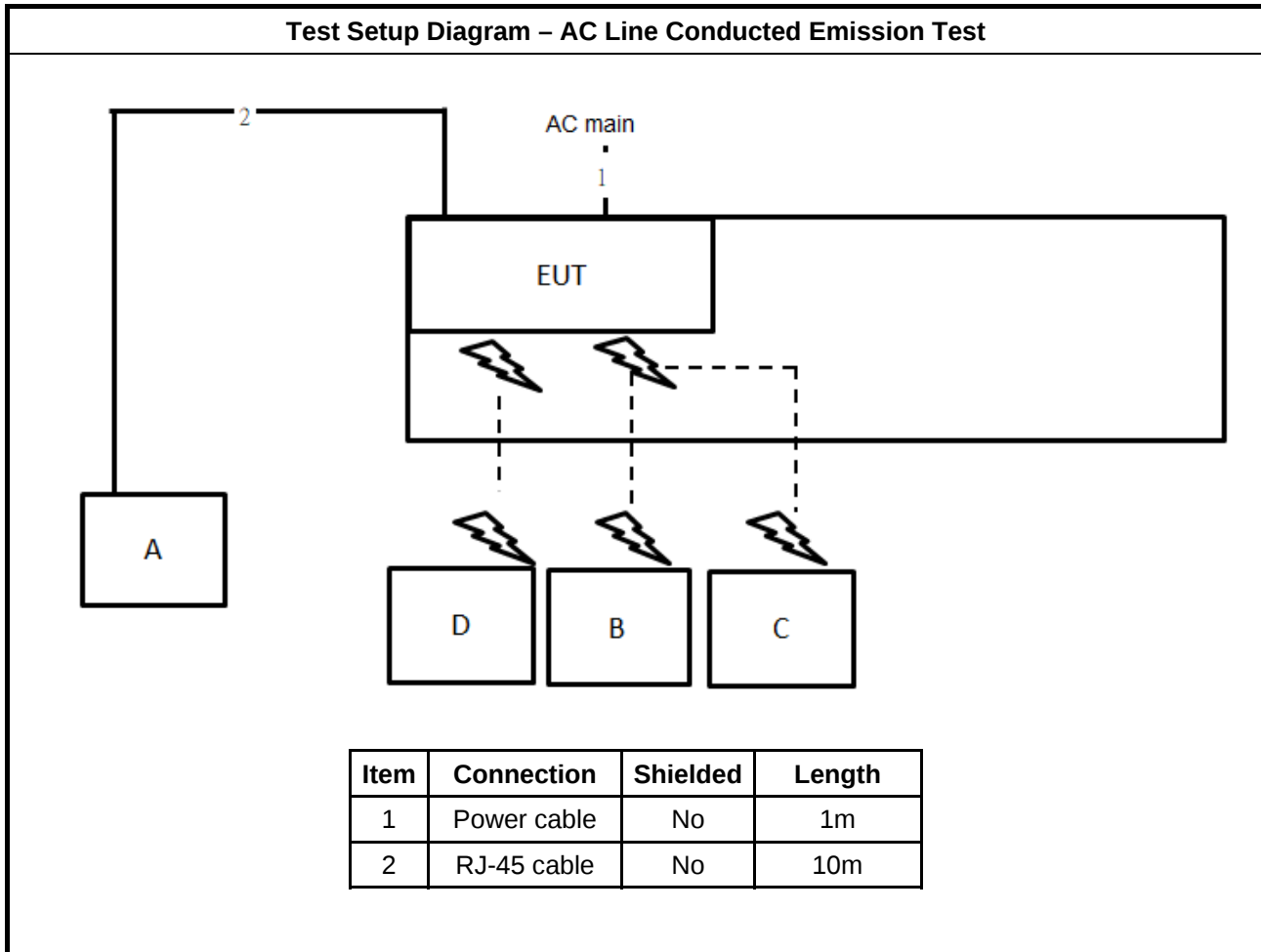
For Radiated (above 1GHz):

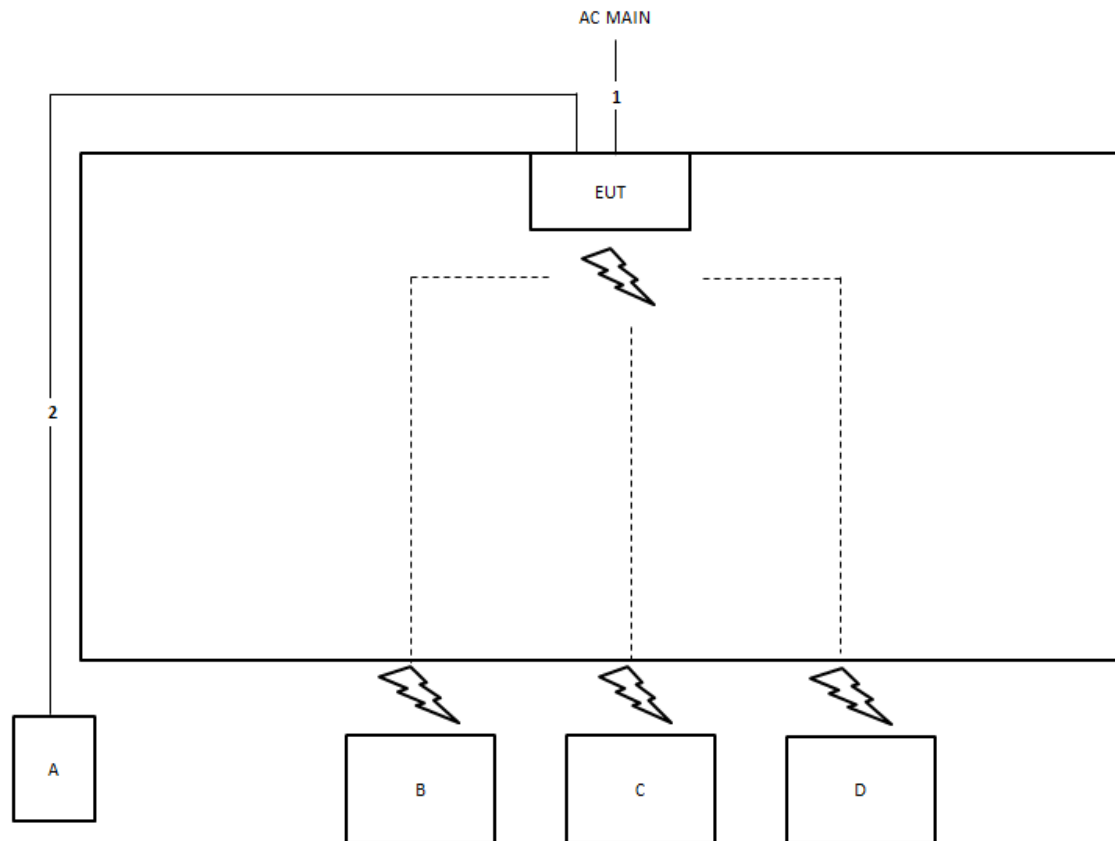
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For RF Conducted:

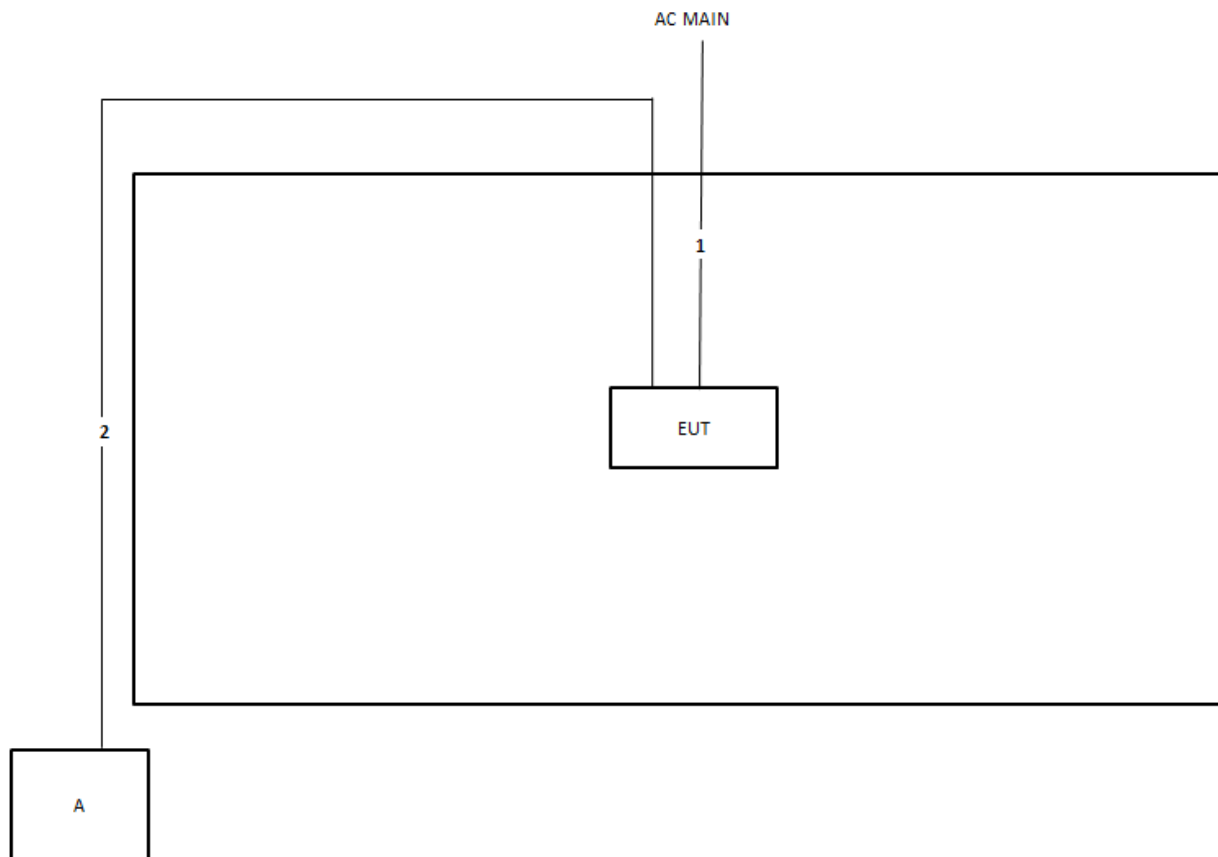
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


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

Test Setup Diagram - Radiated Test > 1GHz


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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

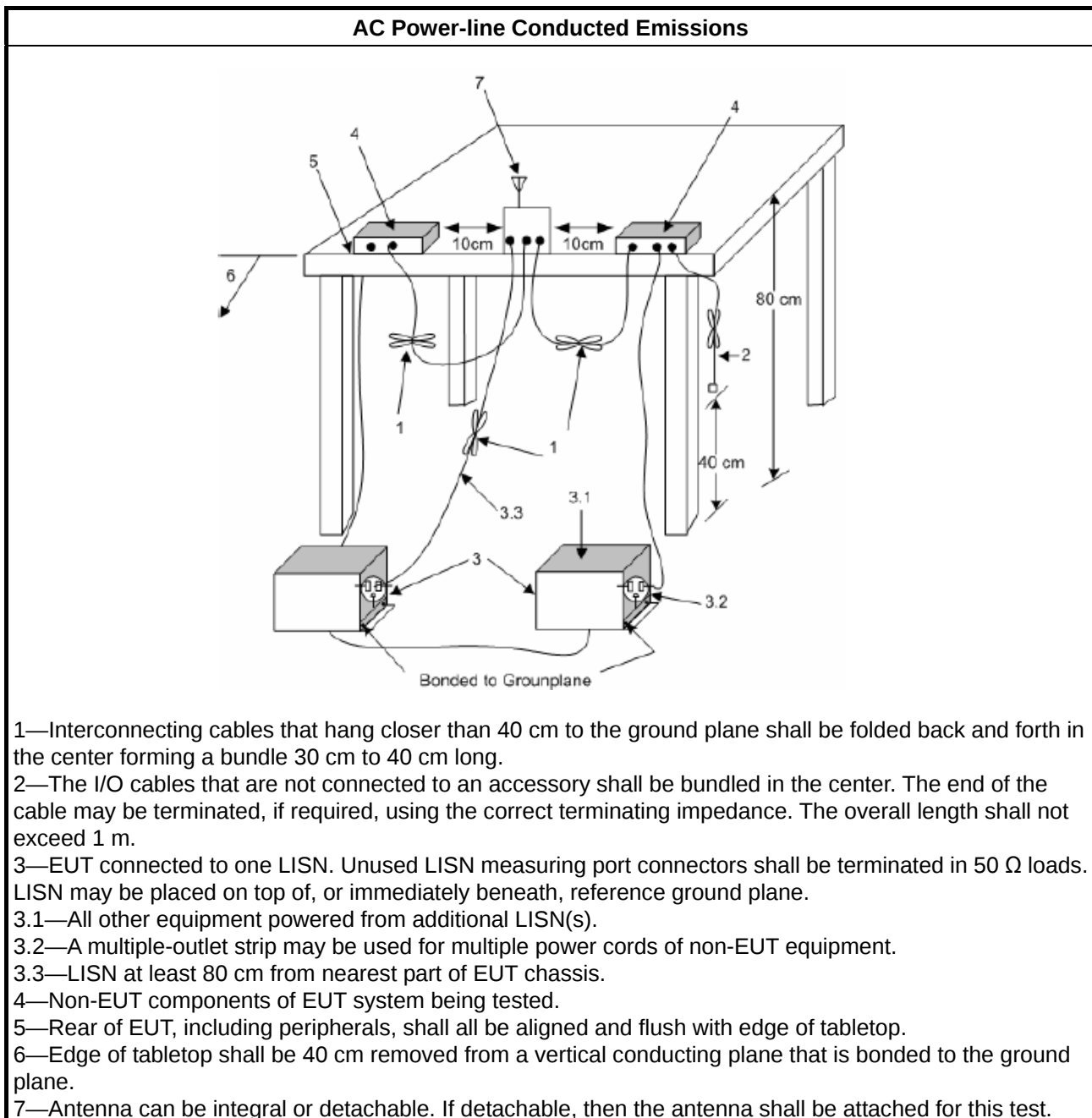
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

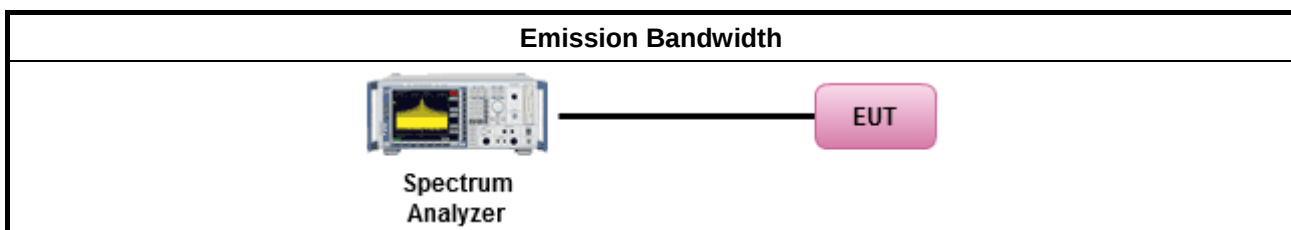
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
☐	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
☐	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.725-5.85 GHz band:	
☐	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

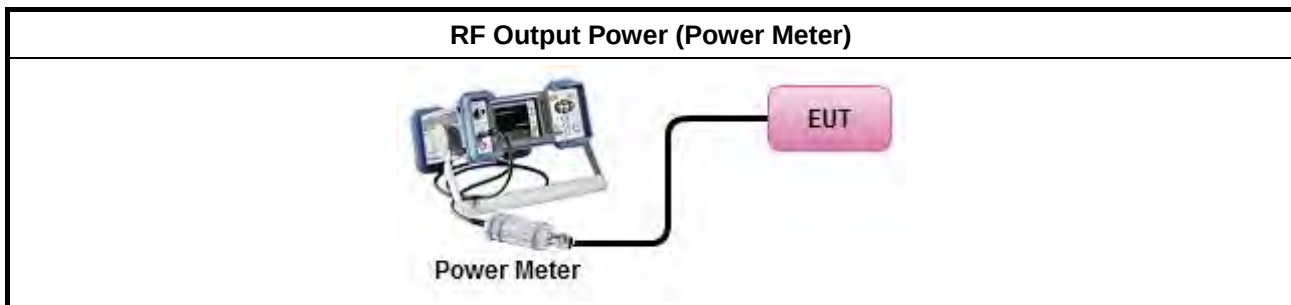
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☐	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ 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 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.	
	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 $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

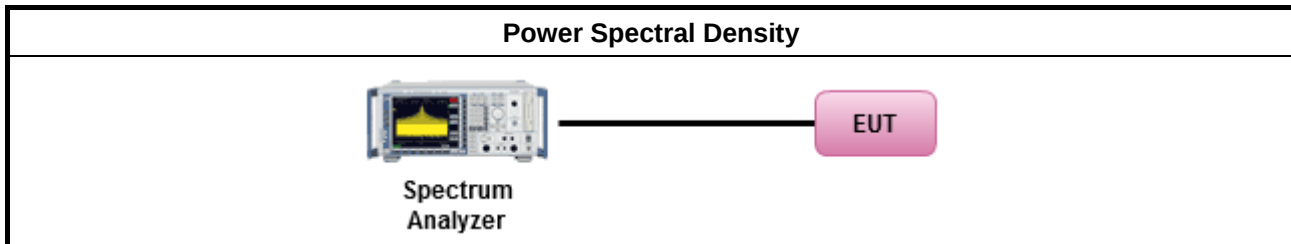
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth [duty cycle ≥ 98% or external video / power trigger]
☒	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed) duty cycle < 98% and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
☐	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter 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).

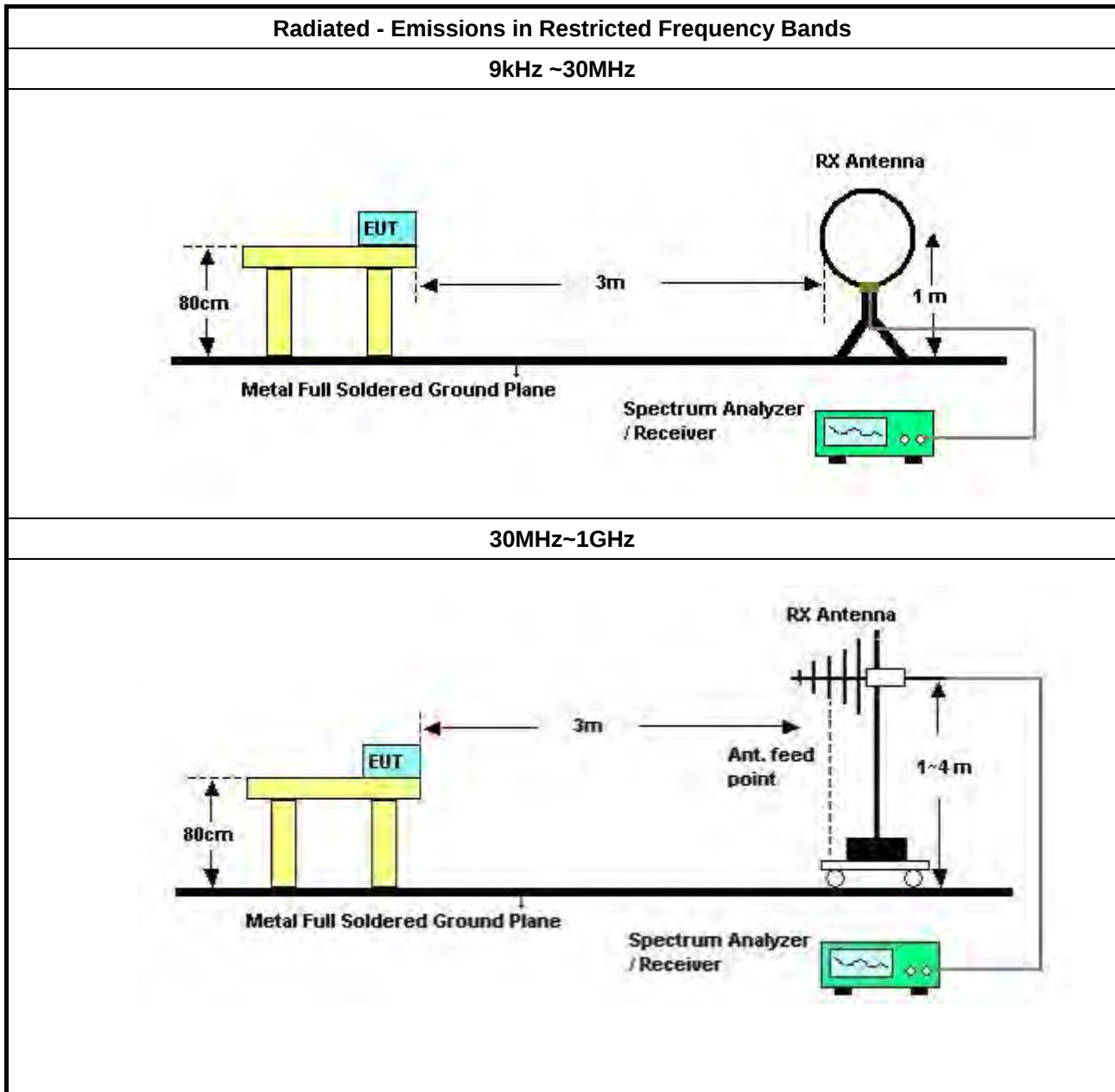
3.5.2 Measuring Instruments

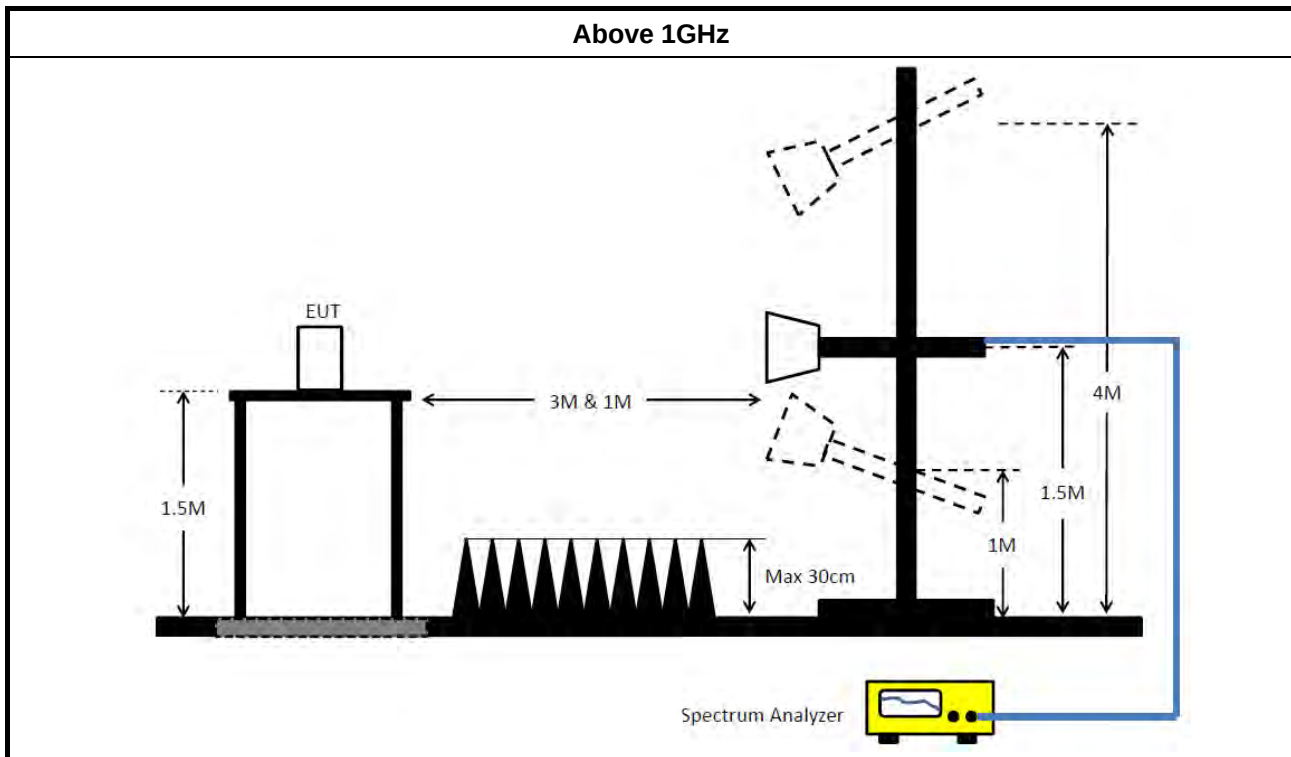
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

3.5.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 28, 2019	Jan. 29, 2020	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 24, 2018	Dec. 23, 2019	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Jan. 11, 2019	Jan. 10, 2020	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESE & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2019	May 01, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+23	30MHz~18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH05-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2019	Jan. 23, 2020	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Dec. 20, 2018	Dec. 19, 2019	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Oct. 30, 2018	Oct. 29, 2019	Conducted (TH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)

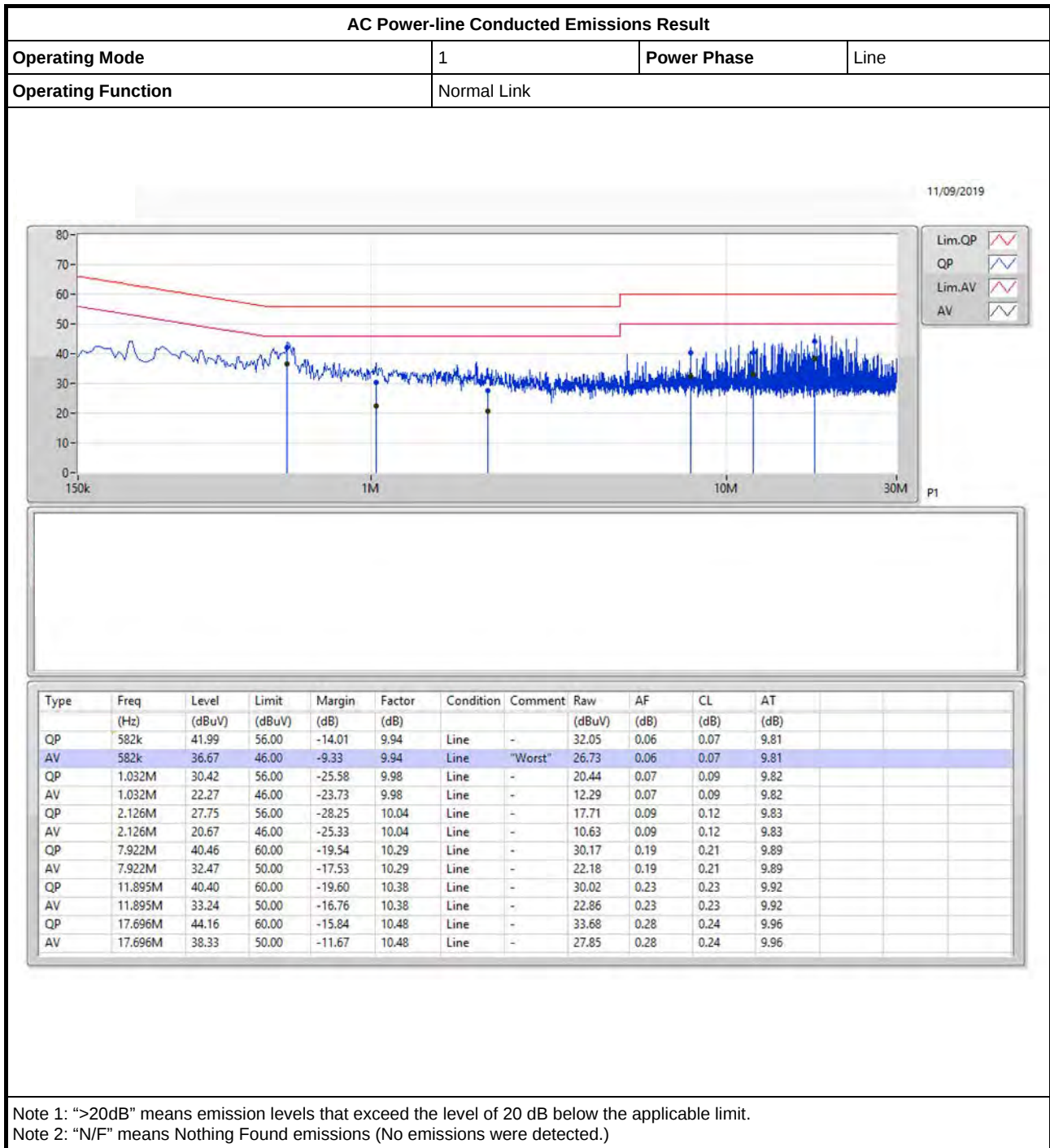
Note: Calibration Interval of instruments listed above is one year.

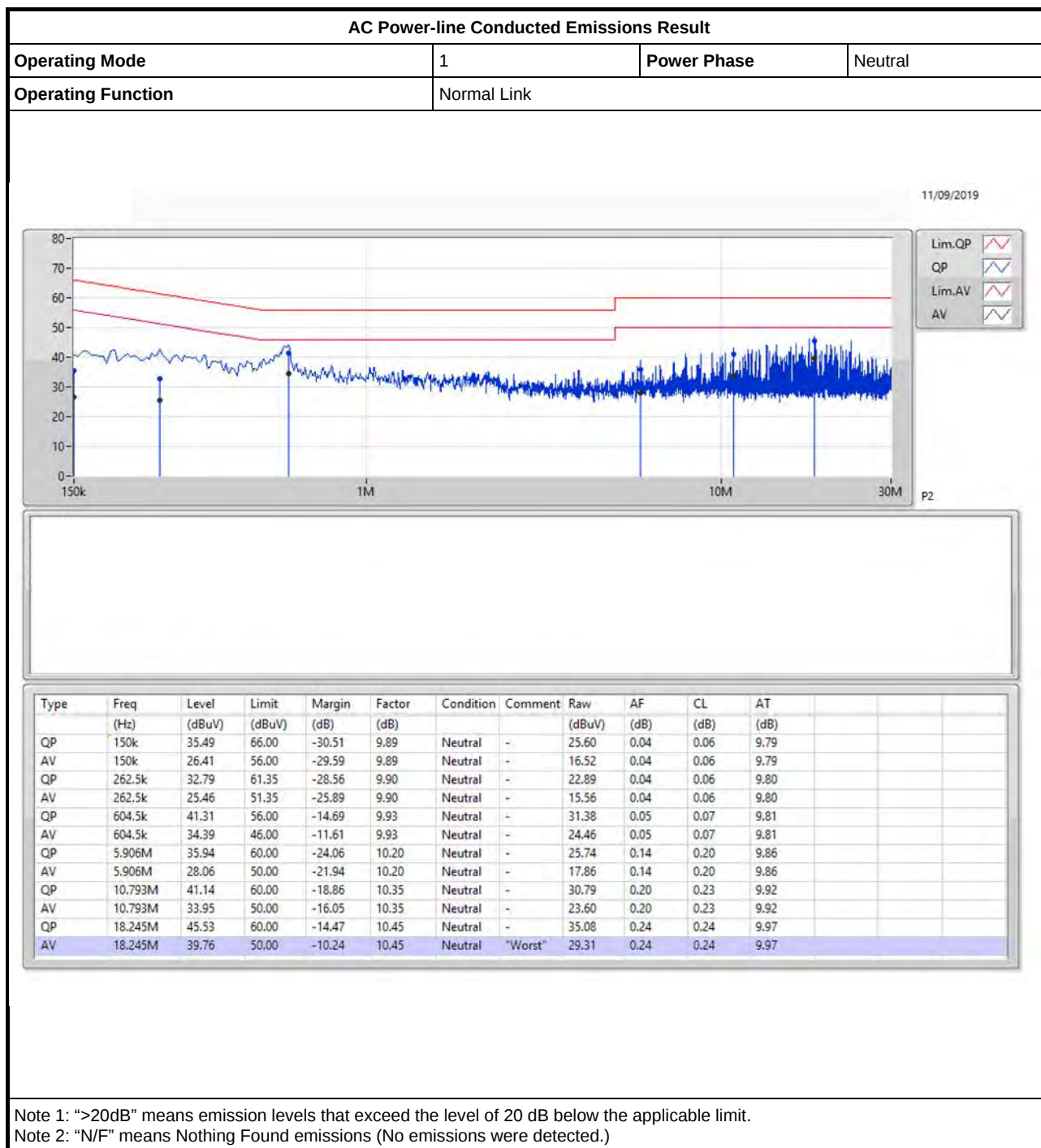
NCR means Non-Calibration required.



AC Power-line Conducted Emissions Result

Appendix A





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	47.58M	31.994M	32M0D1D	37.08M	19.1M
802.11ac VHT20_Nss1,(MCS0)_1TX	48.48M	29.91M	29M9D1D	43.26M	18.626M
802.11ac VHT40_Nss1,(MCS0)_1TX	87.06M	39.671M	39M7D1D	56.58M	36.228M
802.11ac VHT80_Nss1,(MCS0)_1TX	97.68M	75.714M	75M7D1D	97.68M	75.714M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.22M	19.437M	19M4D1D	37.38M	18.996M
802.11ac VHT20_Nss1,(MCS0)_1TX	43.71M	19.76M	19M8D1D	43.47M	19.247M
802.11ac VHT40_Nss1,(MCS0)_1TX	88.08M	39.22M	39M2D1D	68.22M	36.293M
802.11ac VHT80_Nss1,(MCS0)_1TX	93.6M	75.628M	75M6D1D	93.6M	75.628M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	37.98M	19.162M	19M2D1D	27.36M	16.612M
802.11ac VHT20_Nss1,(MCS0)_1TX	43.14M	18.402M	18M4D1D	21.39M	17.58M
802.11ac VHT40_Nss1,(MCS0)_1TX	88.62M	38.043M	38M0D1D	67.56M	36.356M
802.11ac VHT80_Nss1,(MCS0)_1TX	192.96M	77.121M	77M1D1D	103.32M	75.636M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.38M	28.495M	28M5D1D	16.38M	23.448M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.67M	33.097M	33M1D1D	17.61M	29.464M
802.11ac VHT40_Nss1,(MCS0)_1TX	36.42M	74.437M	74M4D1D	36.36M	60.287M
802.11ac VHT80_Nss1,(MCS0)_1TX	76.32M	111.788M	112MD1D	76.32M	111.788M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

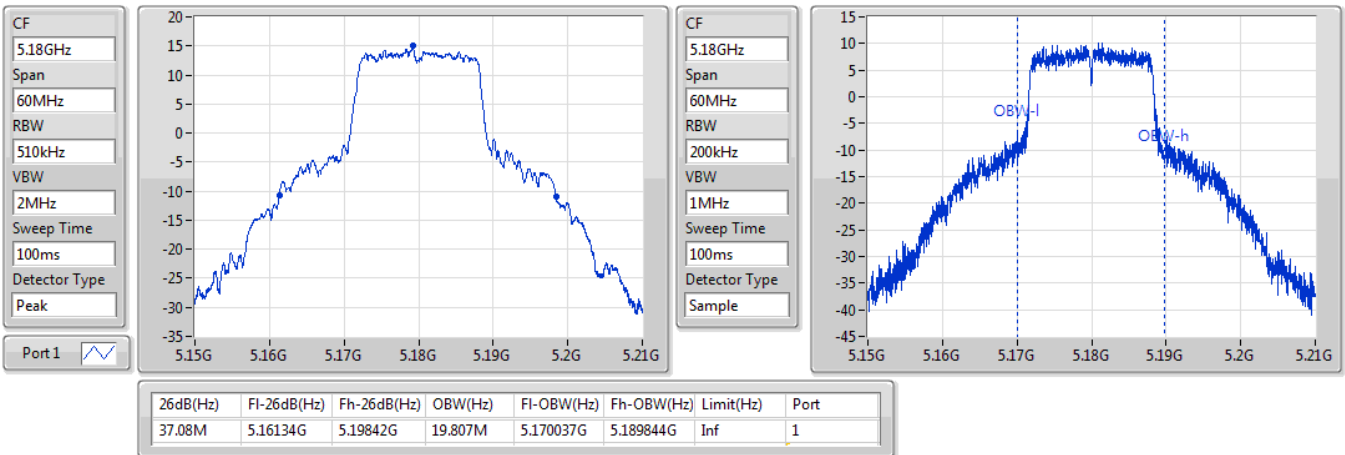
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	37.08M	19.807M
5200MHz	Pass	Inf	47.58M	31.994M
5240MHz	Pass	Inf	38.13M	19.1M
5260MHz	Pass	Inf	37.38M	19.437M
5300MHz	Pass	Inf	37.95M	19.22M
5320MHz	Pass	Inf	38.22M	18.996M
5500MHz	Pass	Inf	37.74M	17.828M
5580MHz	Pass	Inf	37.98M	19.162M
5700MHz	Pass	Inf	27.36M	16.612M
5745MHz	Pass	500k	16.38M	28.495M
5785MHz	Pass	500k	16.38M	25.969M
5825MHz	Pass	500k	16.38M	23.448M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	43.26M	18.626M
5200MHz	Pass	Inf	48.48M	29.91M
5240MHz	Pass	Inf	43.68M	19.46M
5260MHz	Pass	Inf	43.71M	19.76M
5300MHz	Pass	Inf	43.65M	19.64M
5320MHz	Pass	Inf	43.47M	19.247M
5500MHz	Pass	Inf	21.39M	17.58M
5580MHz	Pass	Inf	43.14M	18.402M
5700MHz	Pass	Inf	37.98M	17.704M
5745MHz	Pass	500k	17.67M	29.464M
5785MHz	Pass	500k	17.61M	33.097M
5825MHz	Pass	500k	17.61M	32.054M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	56.58M	36.228M
5230MHz	Pass	Inf	87.06M	39.671M
5270MHz	Pass	Inf	88.08M	39.22M
5310MHz	Pass	Inf	68.22M	36.293M
5510MHz	Pass	Inf	67.56M	36.356M
5550MHz	Pass	Inf	79.74M	37.464M
5670MHz	Pass	Inf	88.62M	38.043M
5755MHz	Pass	500k	36.42M	60.287M
5795MHz	Pass	500k	36.36M	74.437M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	97.68M	75.714M
5290MHz	Pass	Inf	93.6M	75.628M
5530MHz	Pass	Inf	103.32M	75.636M
5610MHz	Pass	Inf	192.96M	77.121M
5775MHz	Pass	500k	76.32M	111.788M

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

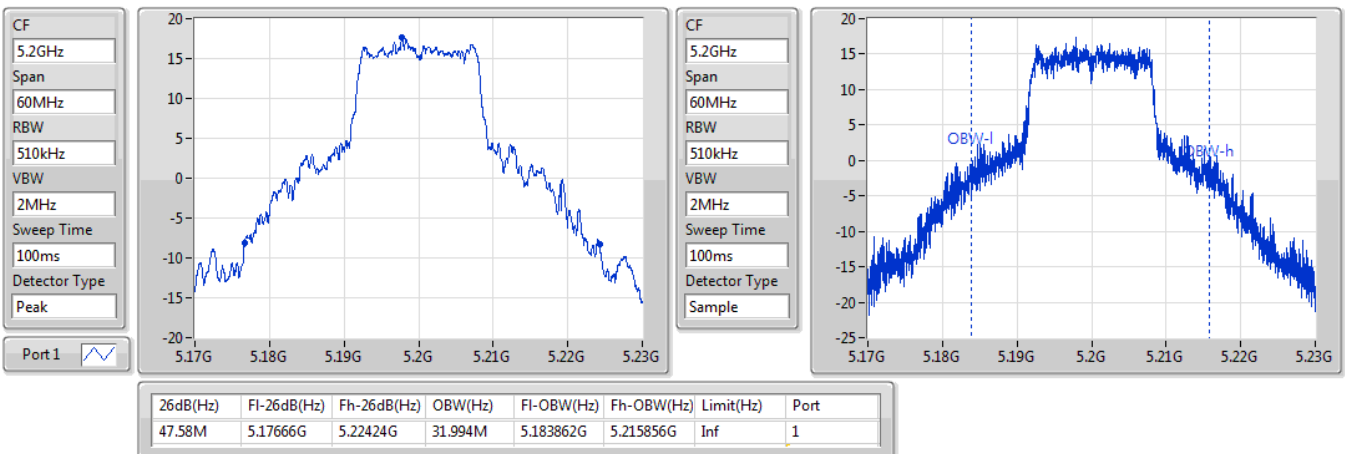
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

24/09/2019

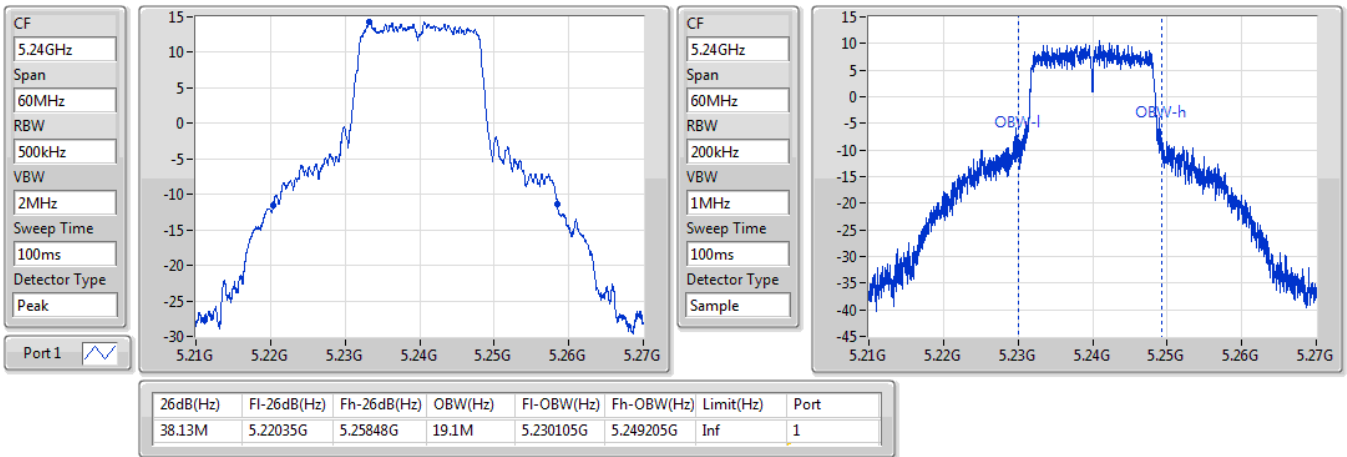

802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

24/09/2019

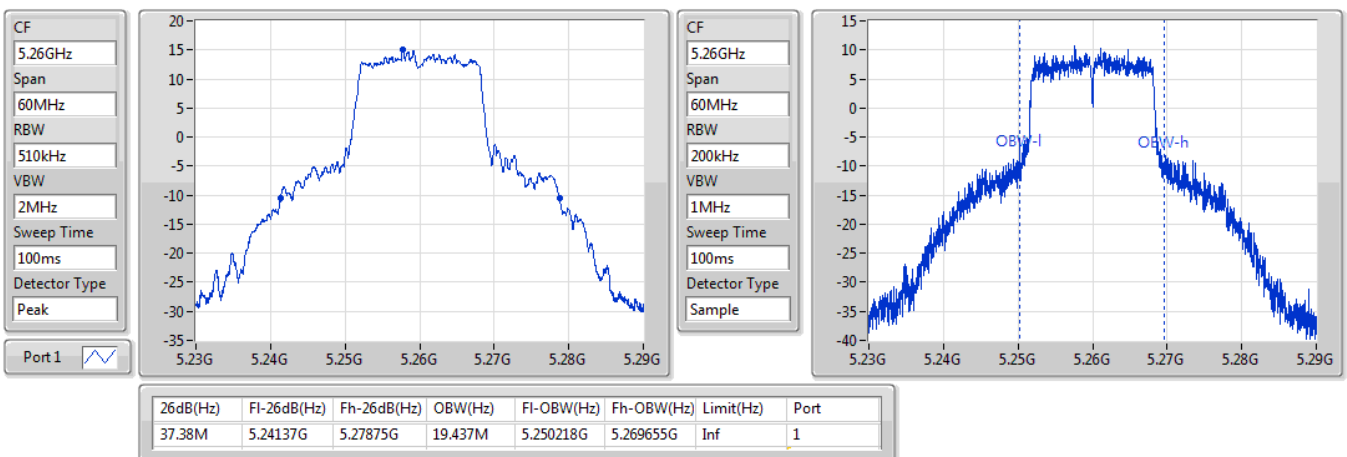


802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

14/09/2019

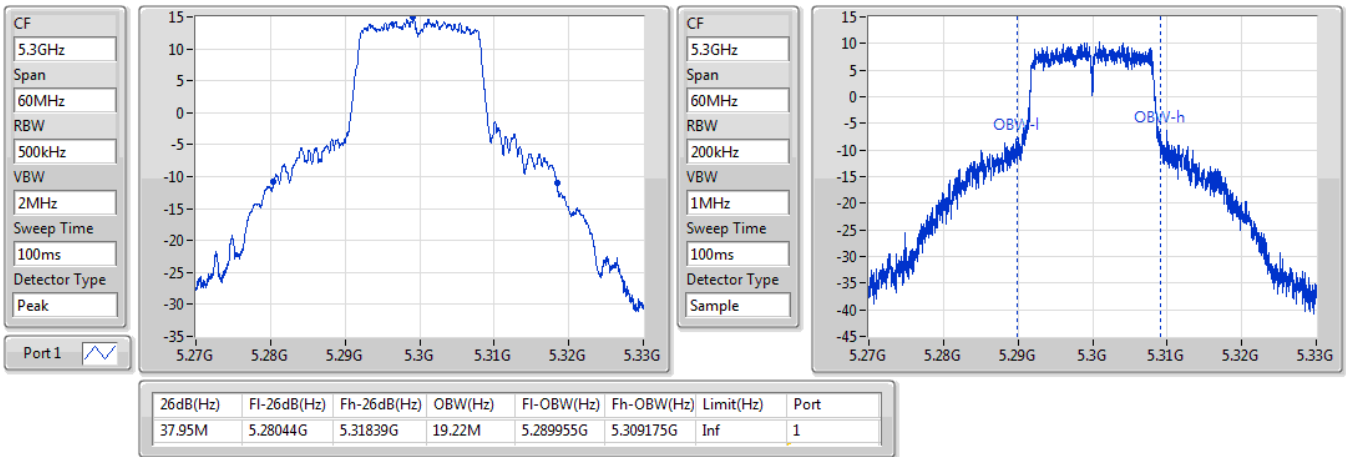

802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

24/09/2019

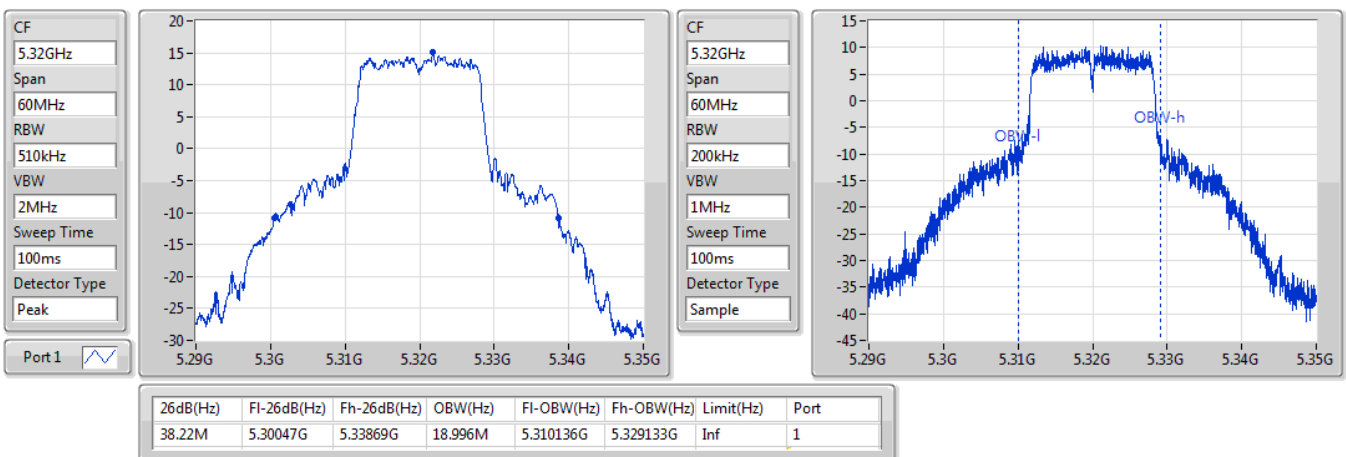


802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

14/09/2019

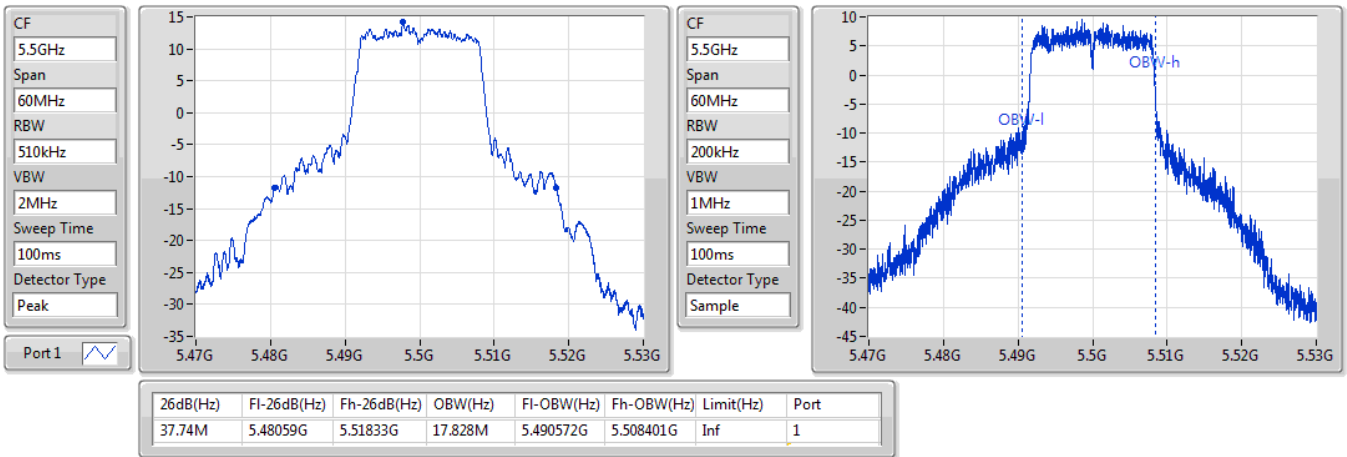

802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

24/09/2019

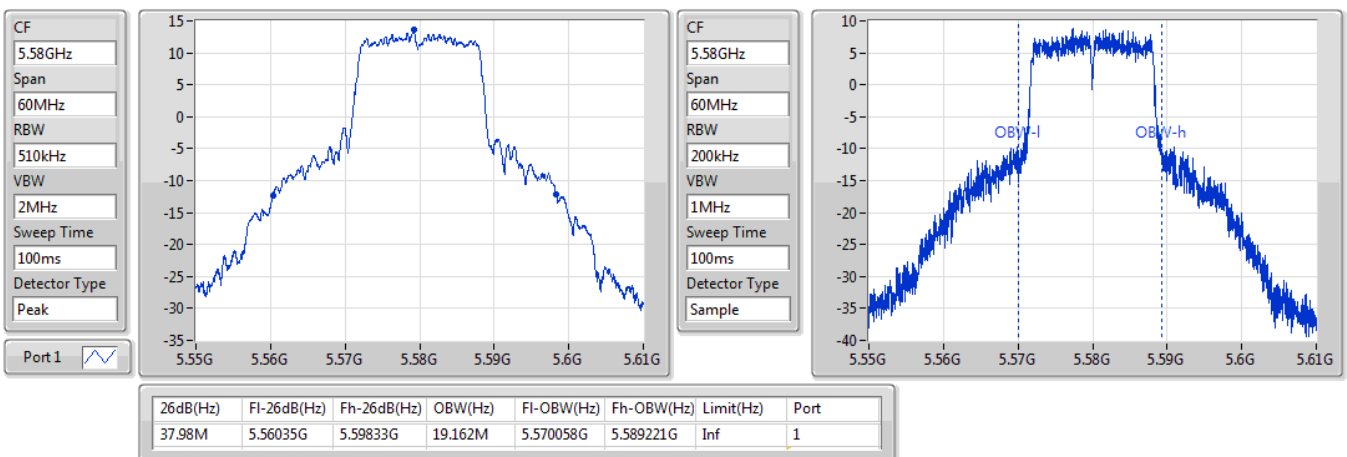


802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

24/09/2019

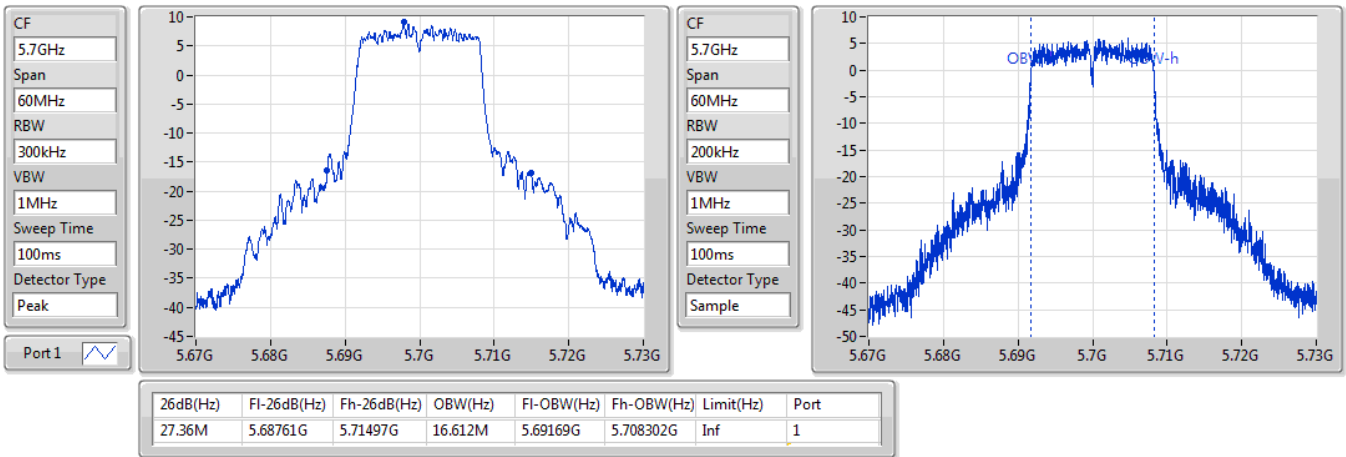

802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

24/09/2019

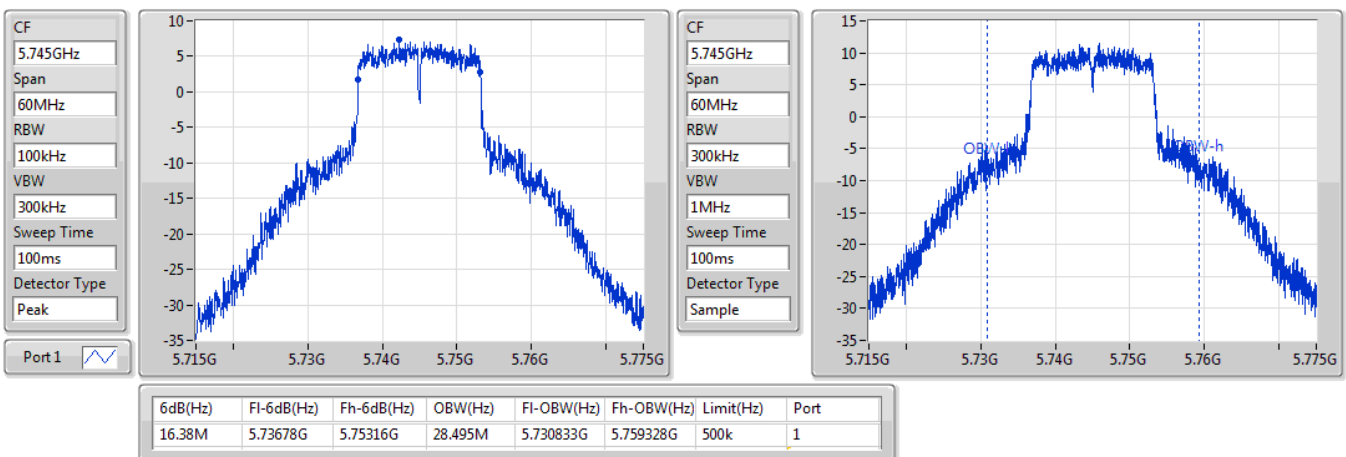


802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

24/09/2019

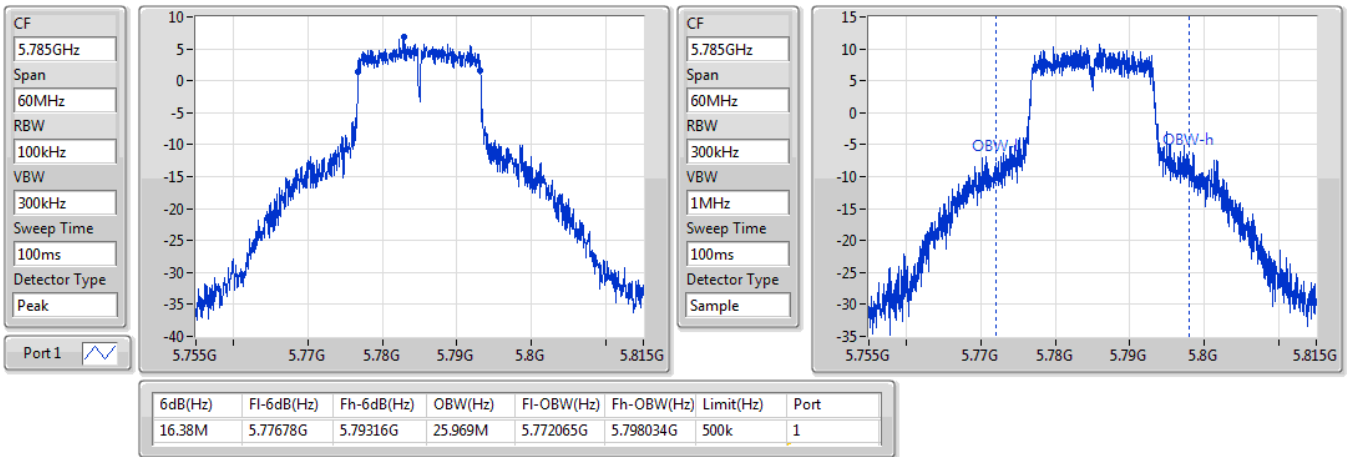

802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

24/09/2019

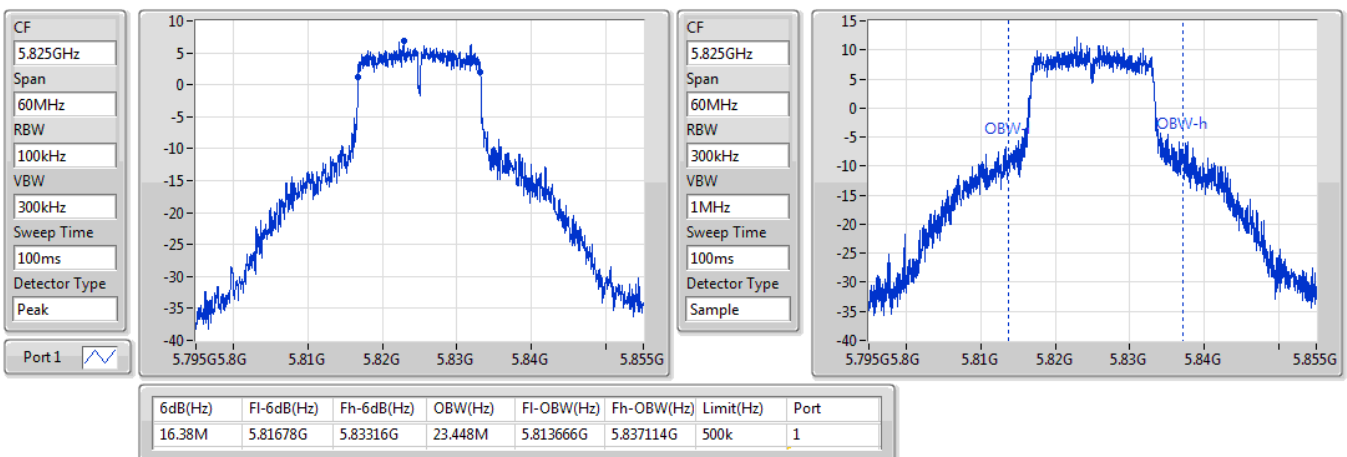


802.11a_Nss1,(6Mbps)_1TX
EBW
5785MHz

24/09/2019

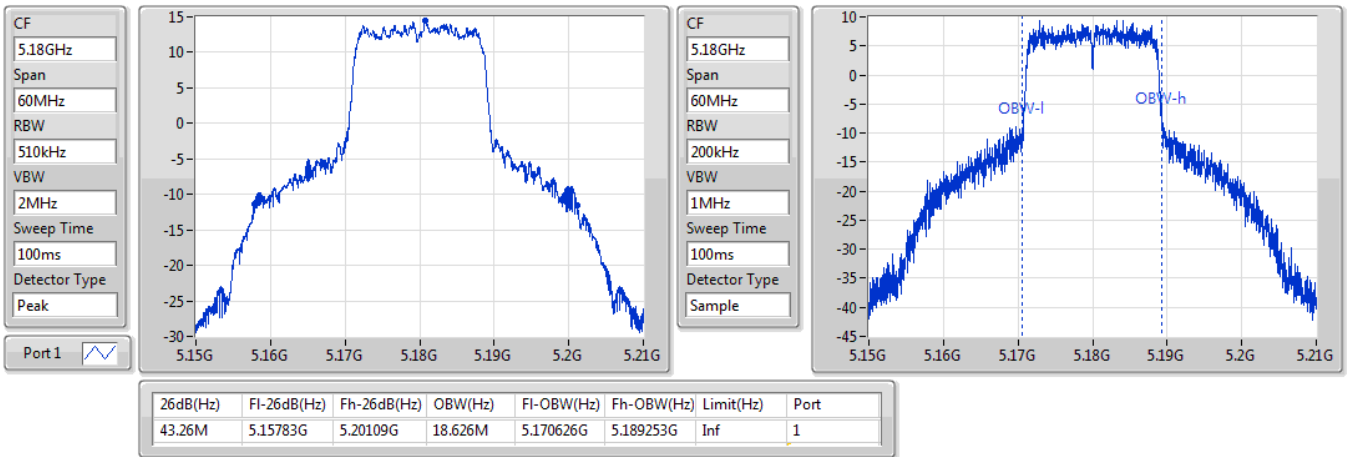

802.11a_Nss1,(6Mbps)_1TX
EBW
5825MHz

14/09/2019

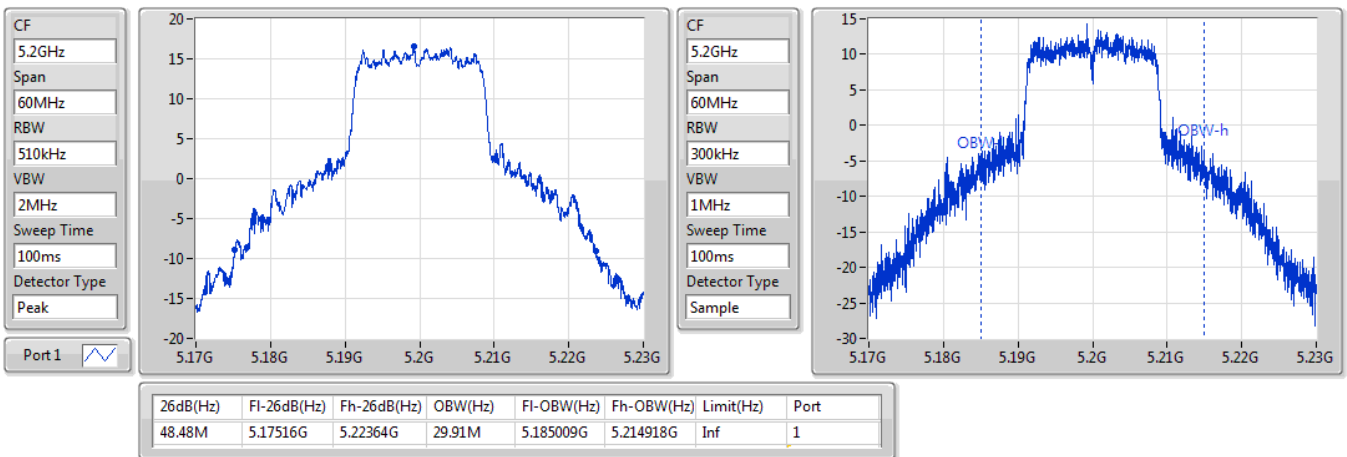


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

24/09/2019

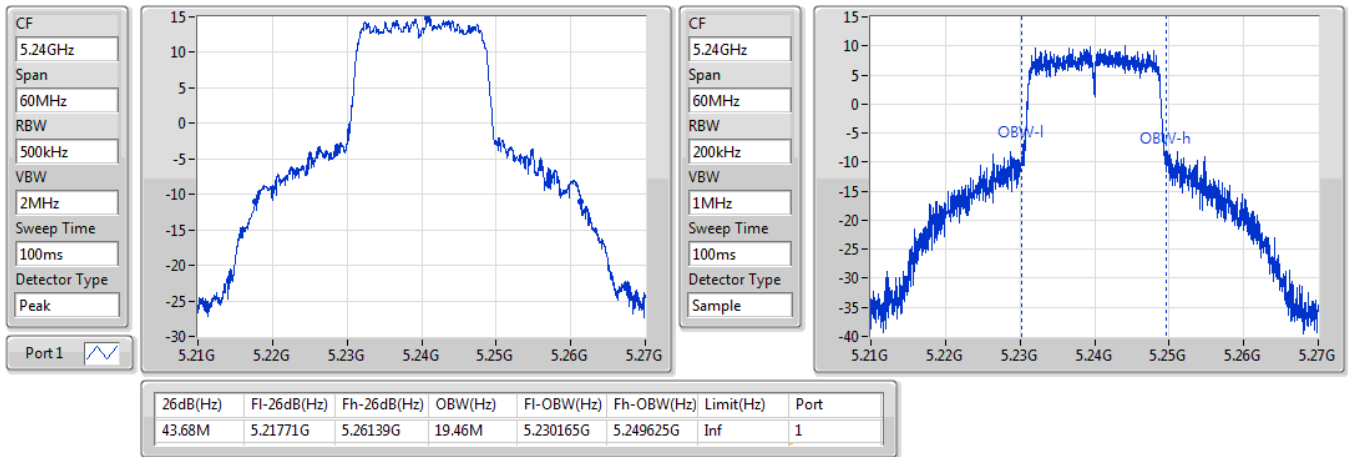

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

24/09/2019

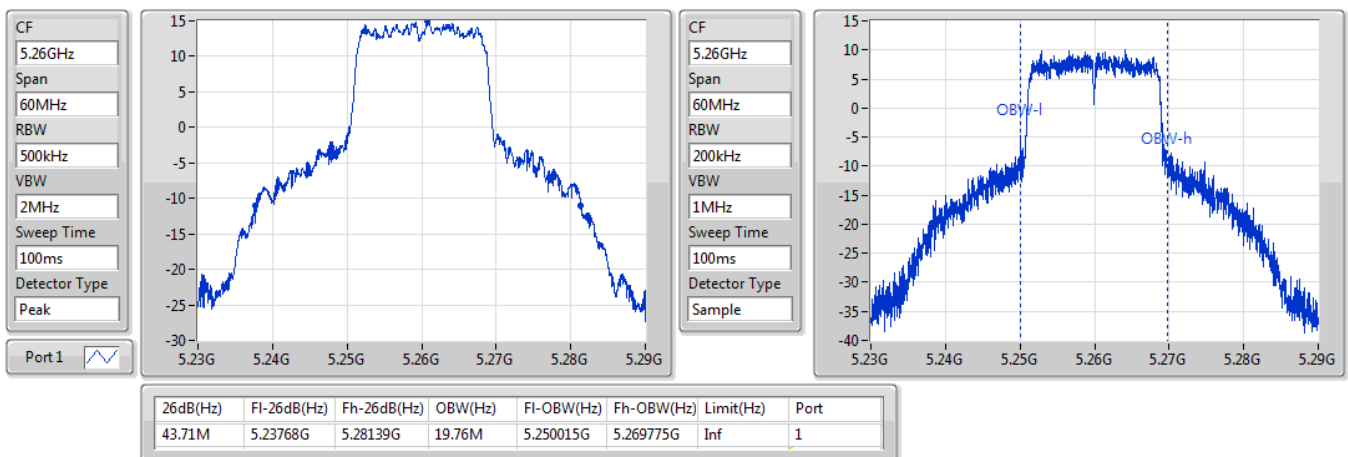


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

14/09/2019

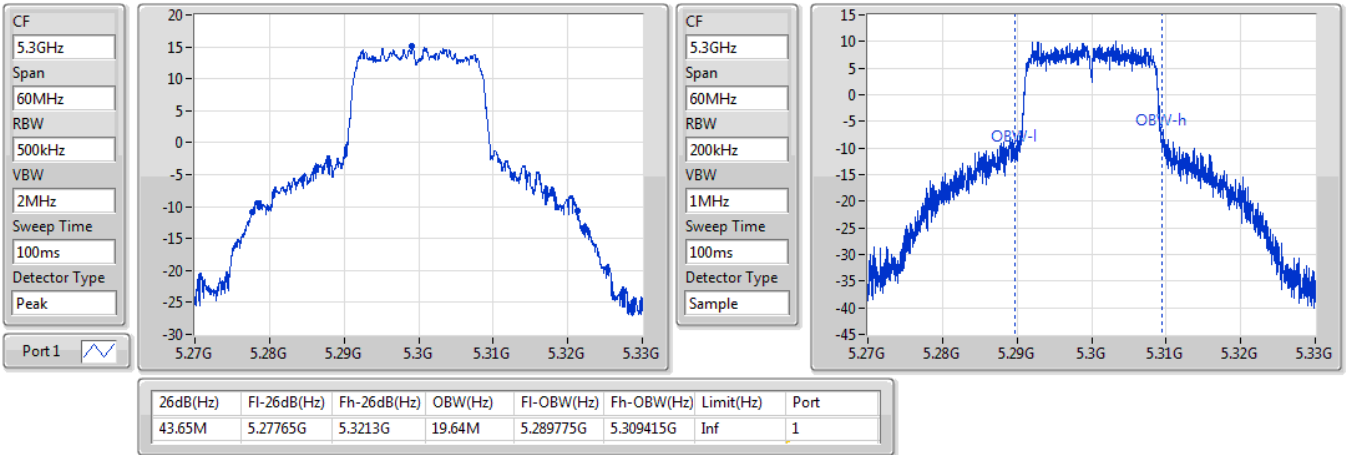

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

14/09/2019

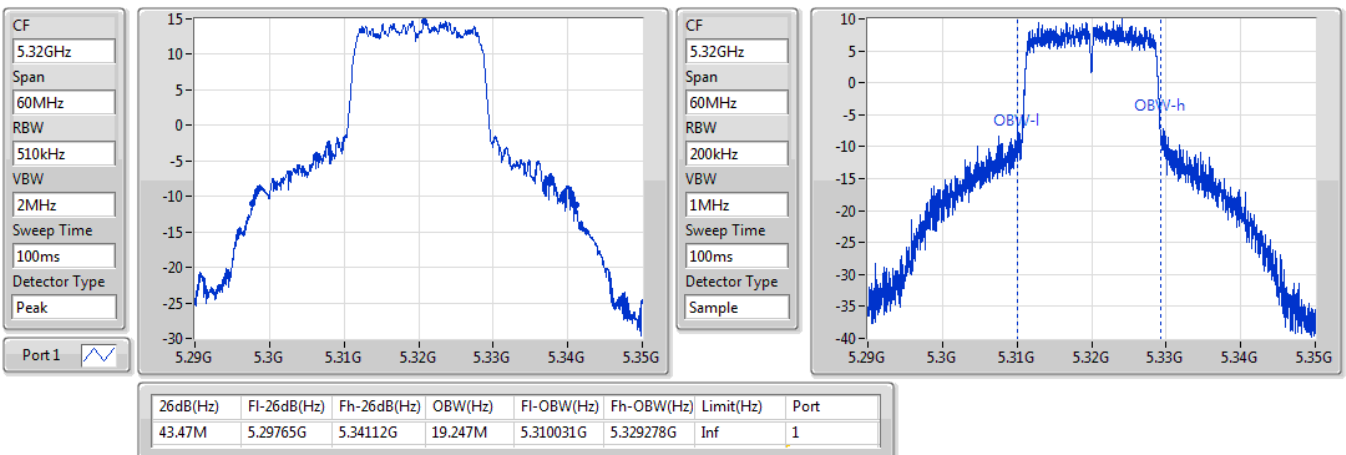


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

14/09/2019

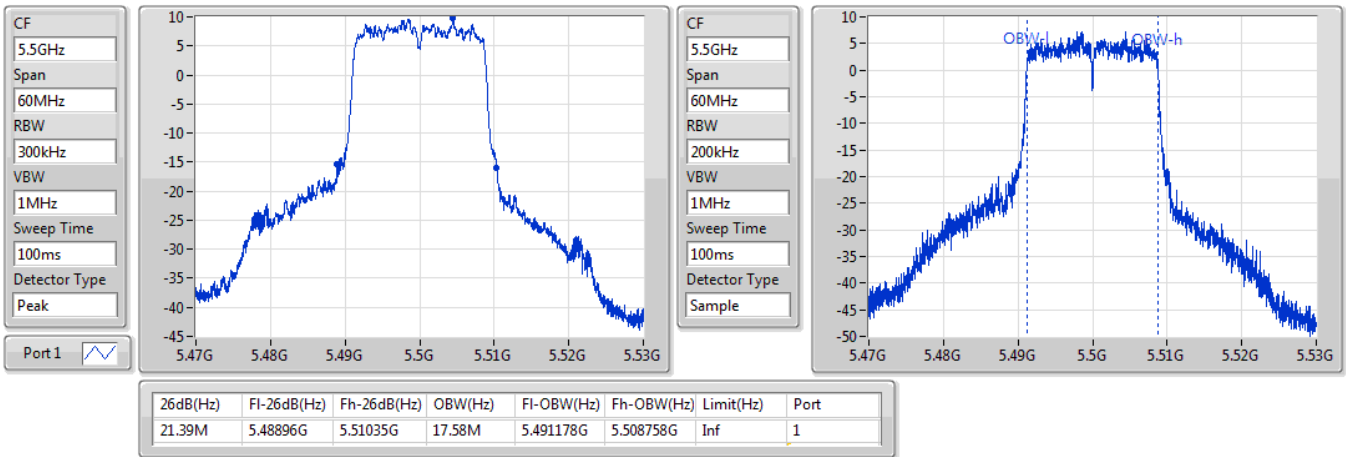

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

24/09/2019

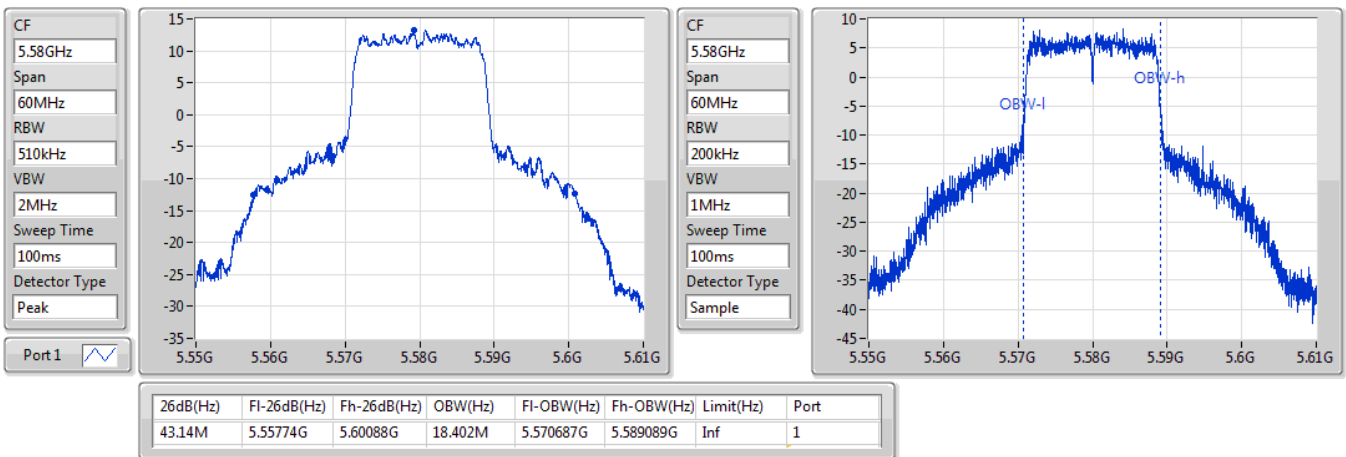


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5500MHz

24/09/2019

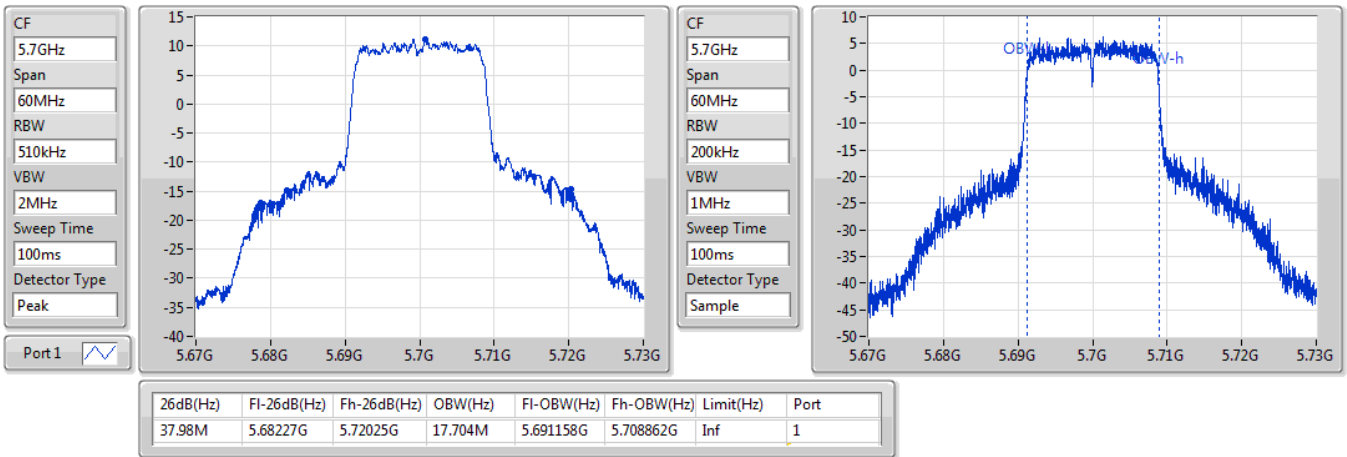

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5580MHz

24/09/2019

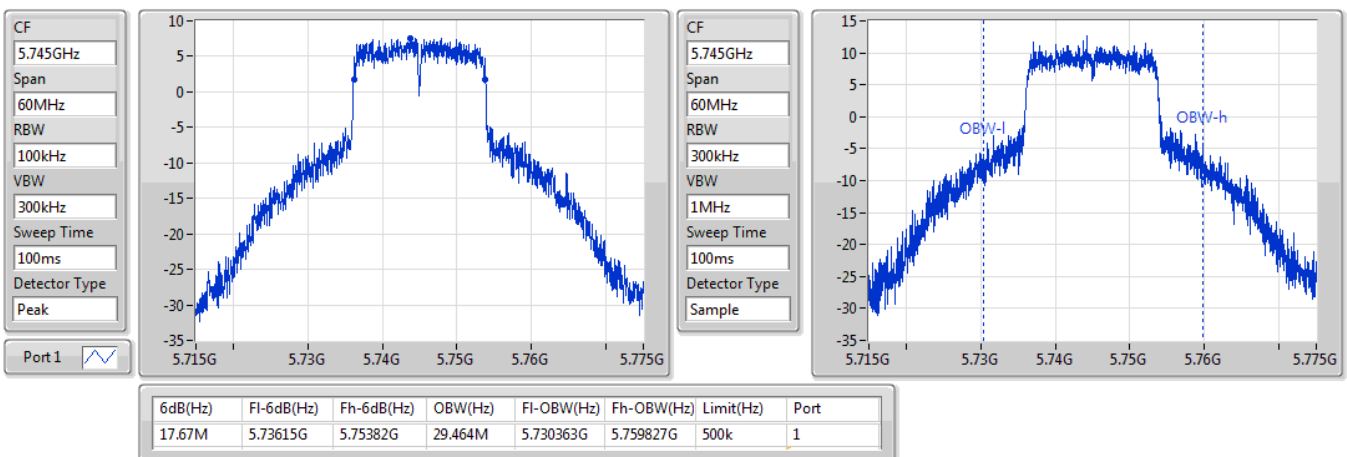


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5700MHz

24/09/2019

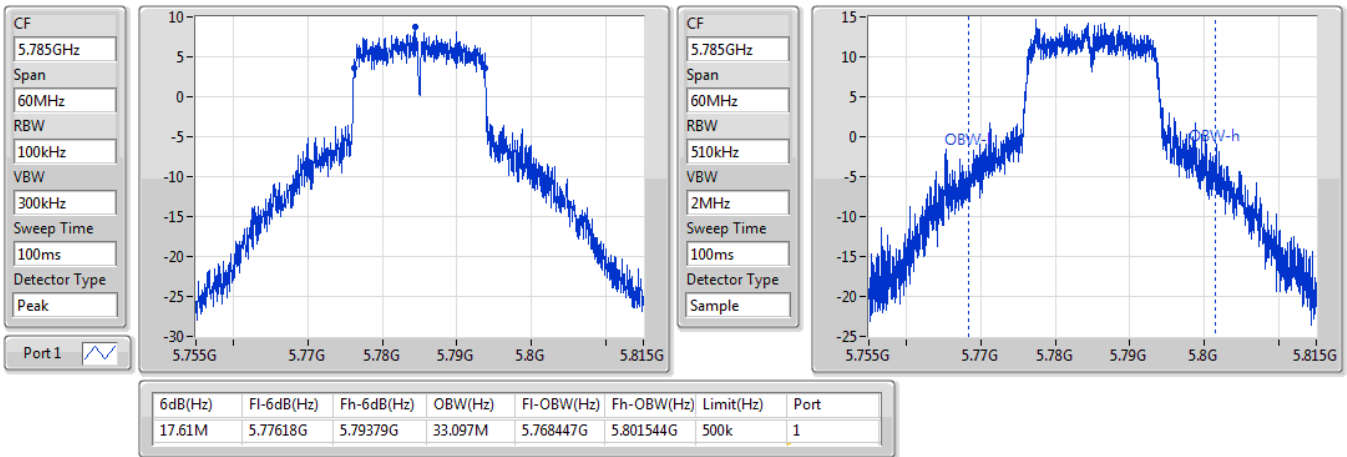

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5745MHz

24/09/2019

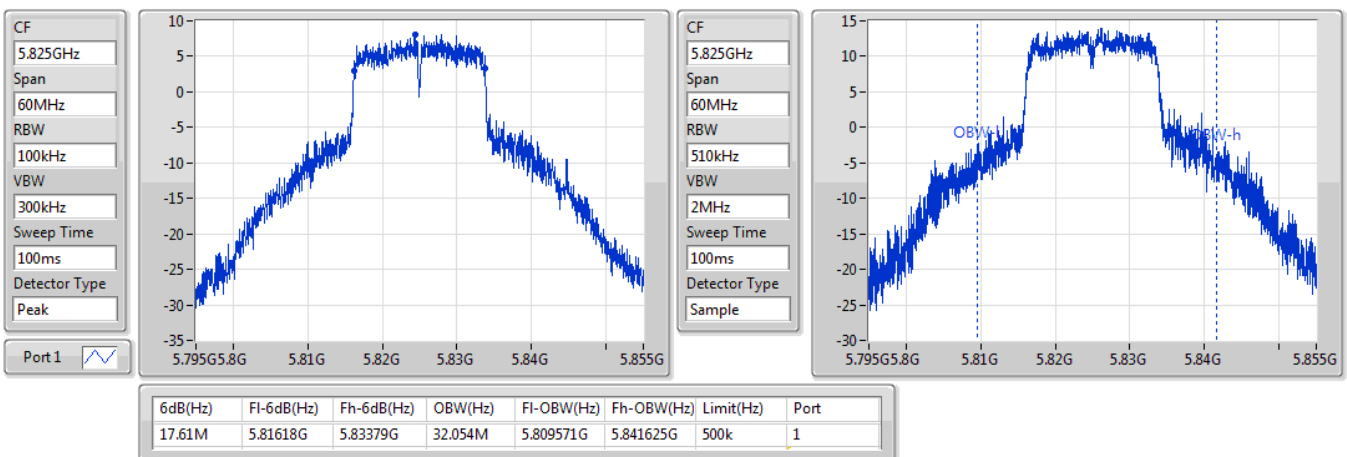


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5785MHz

24/09/2019

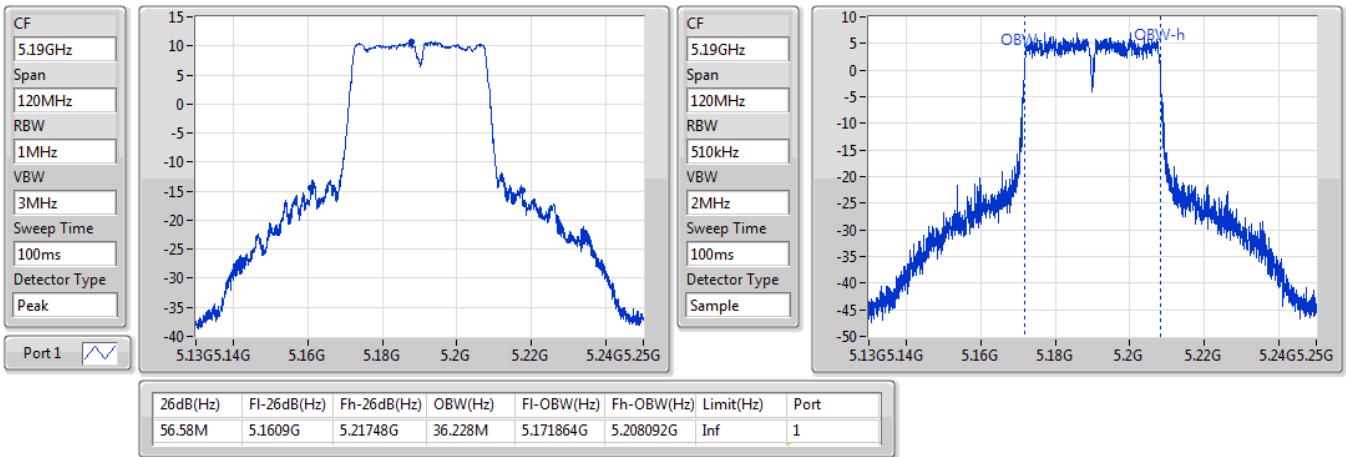

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5825MHz

24/09/2019

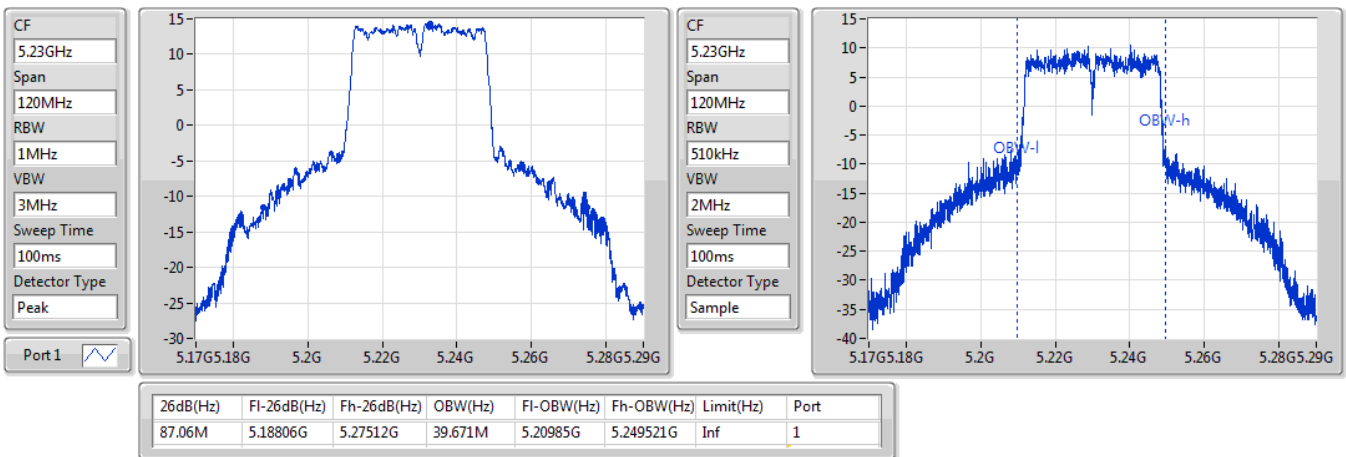


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5190MHz

24/09/2019

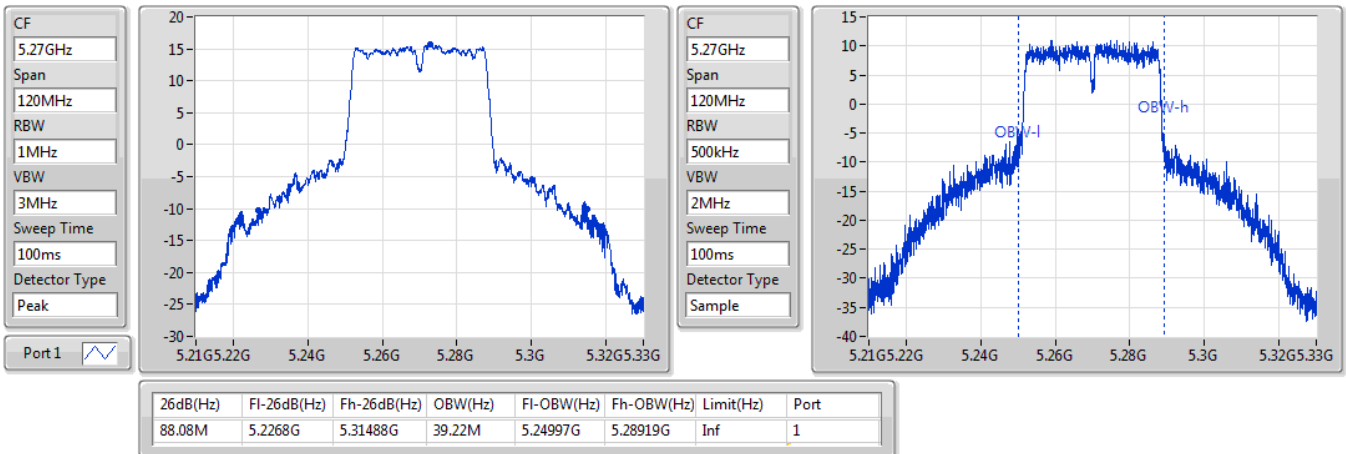

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5230MHz

24/09/2019

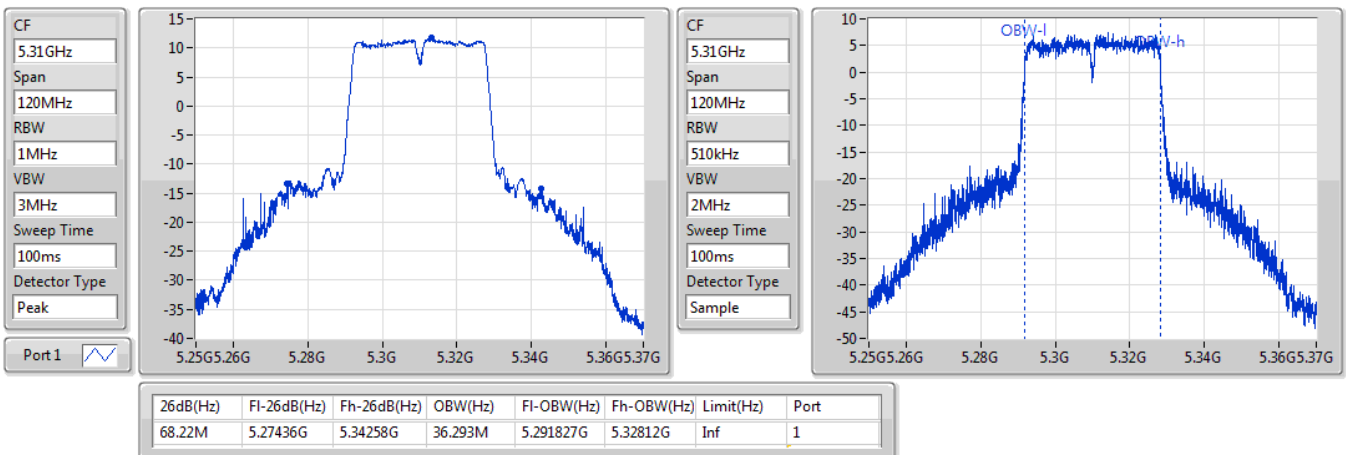


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

14/09/2019

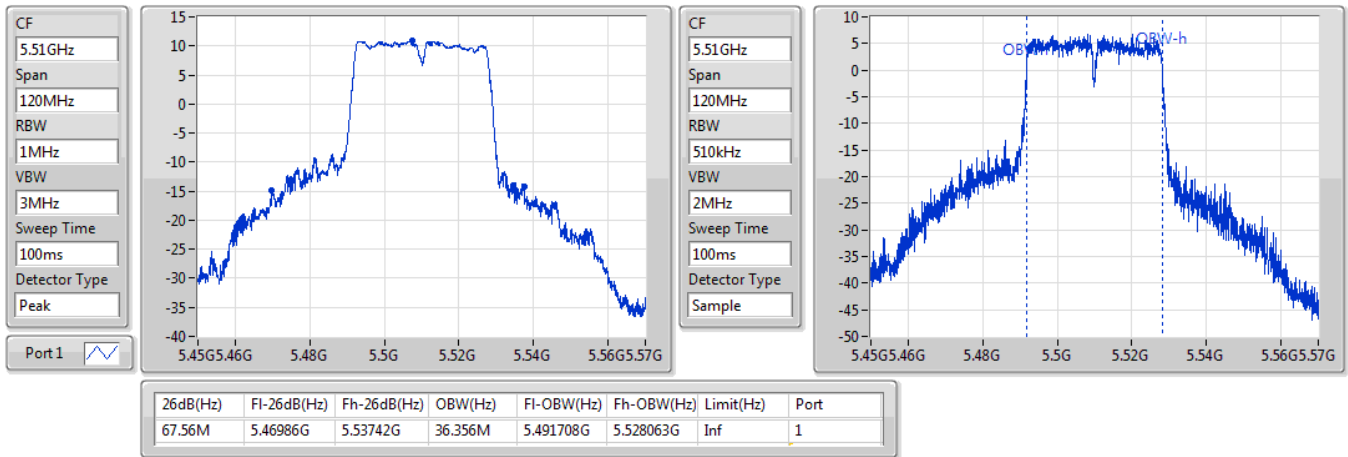

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

24/09/2019

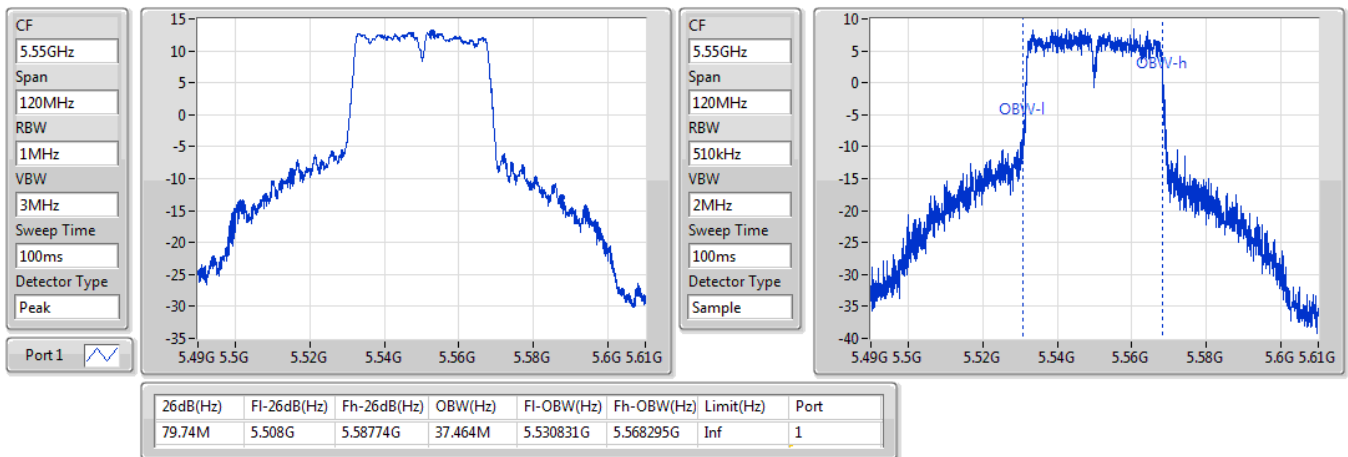


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5510MHz

24/09/2019

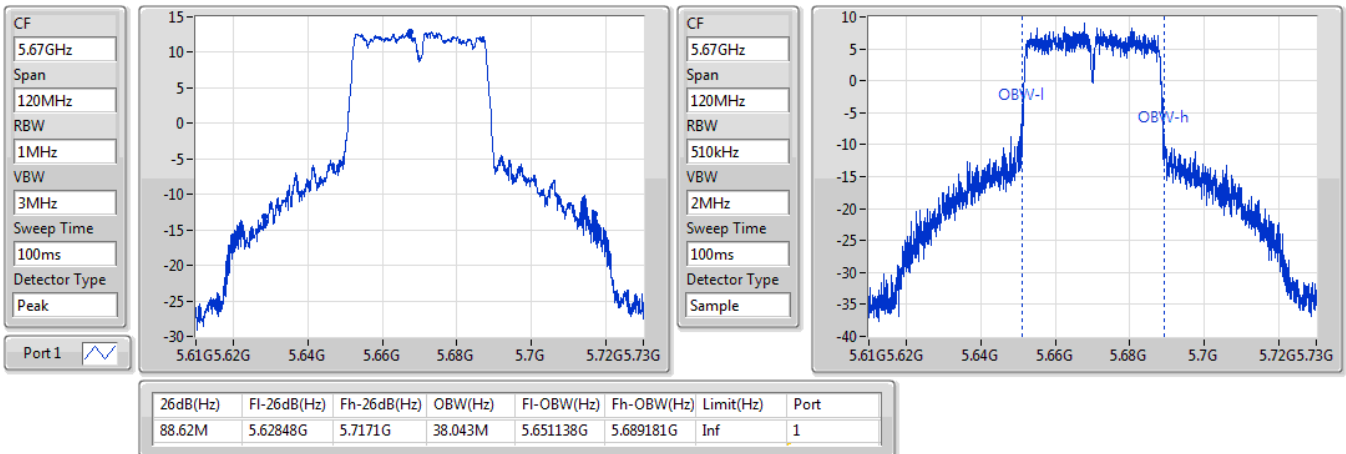

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5550MHz

24/09/2019

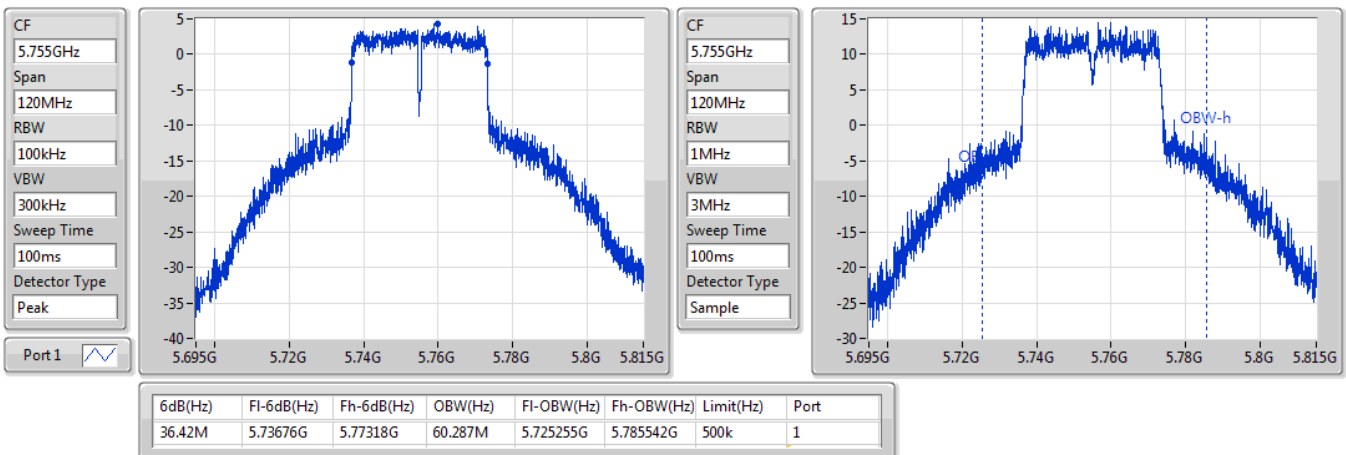


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5670MHz

24/09/2019

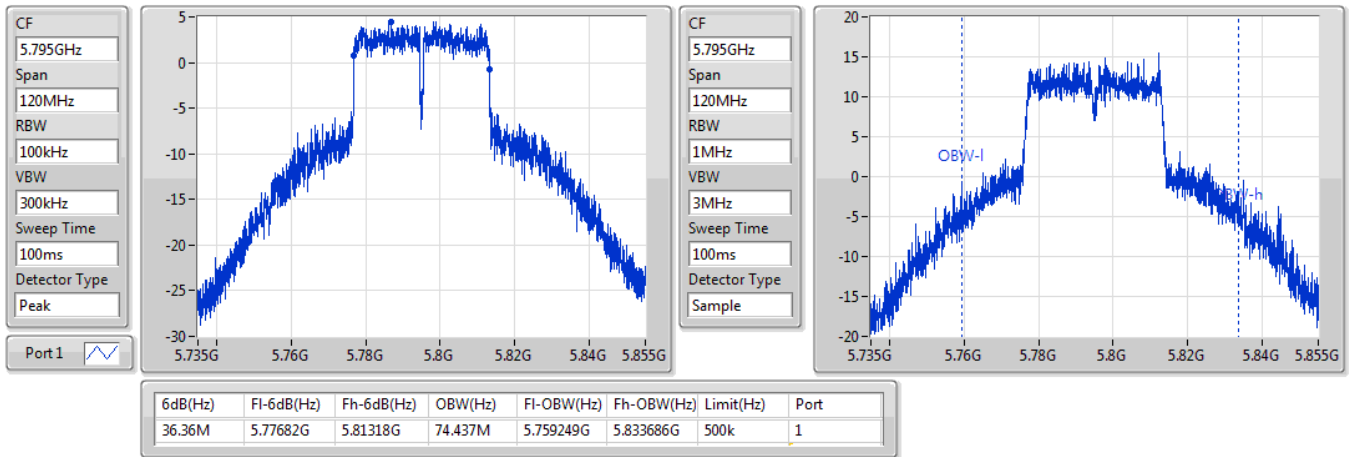

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5755MHz

24/09/2019

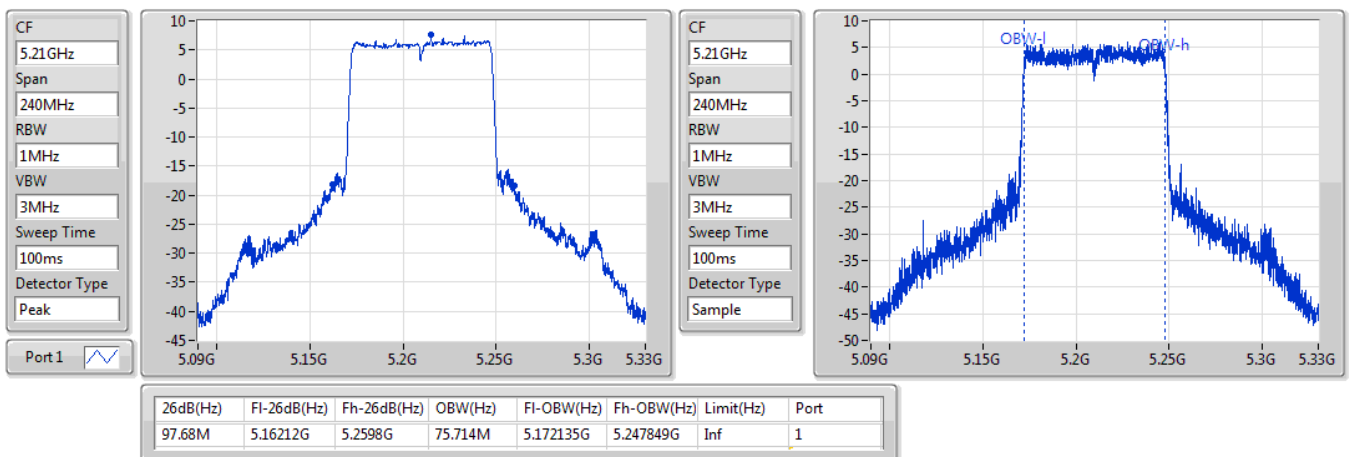


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5795MHz

24/09/2019


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5210MHz

24/09/2019

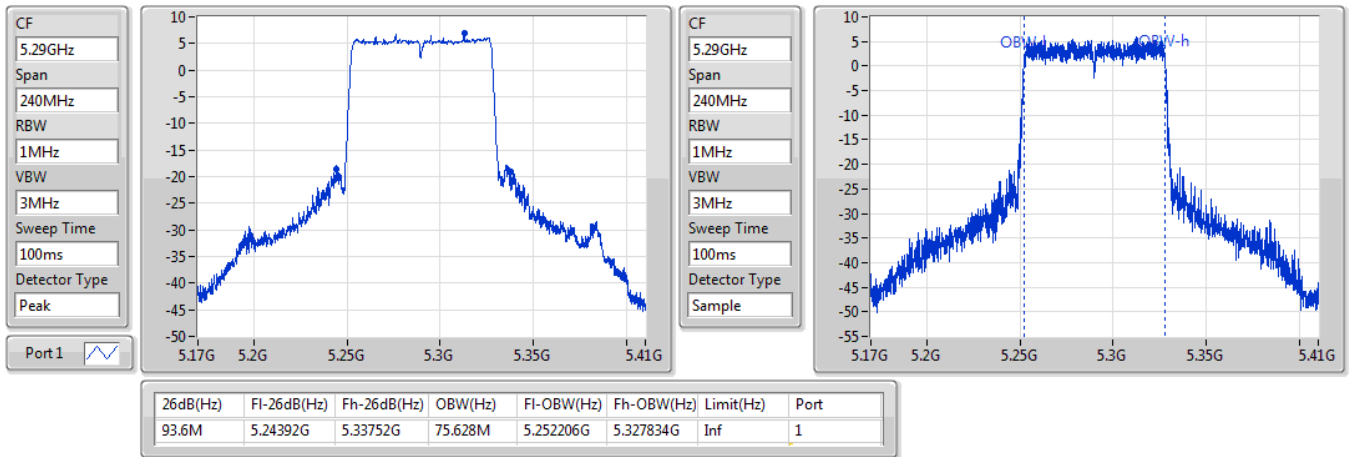


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

24/09/2019

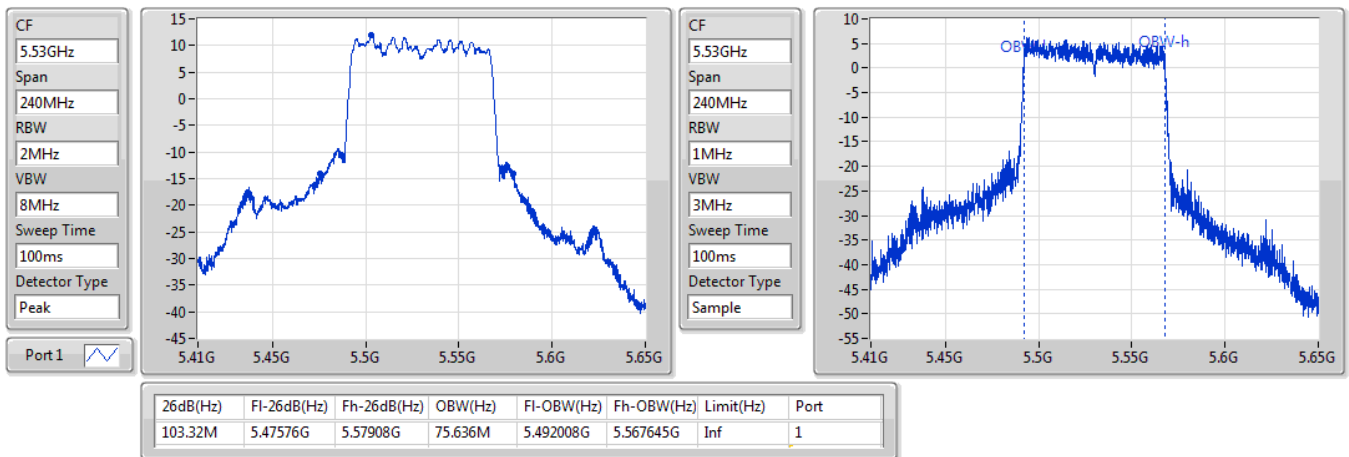


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

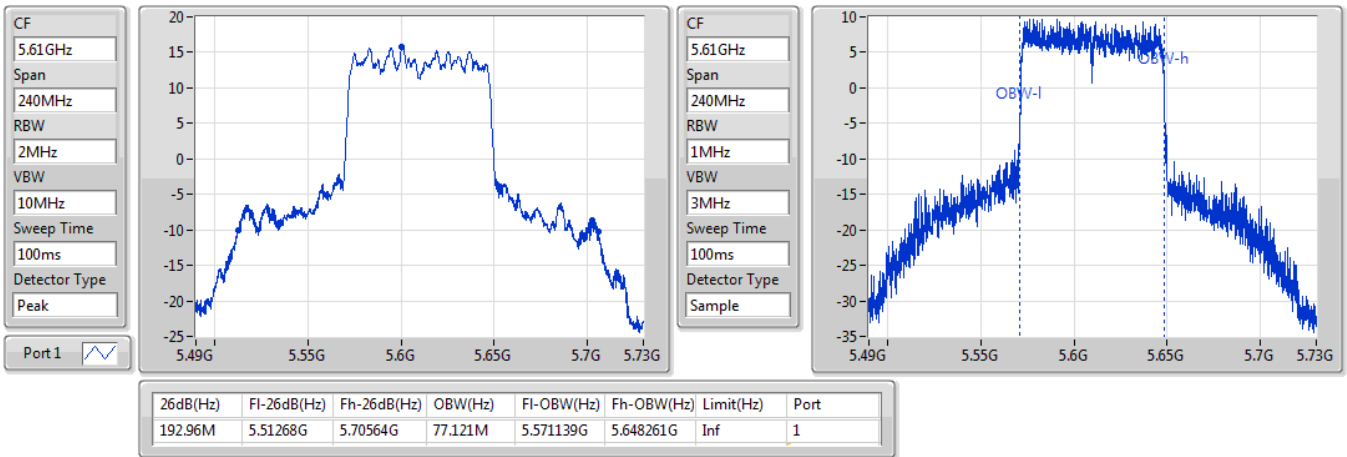
5530MHz

24/09/2019

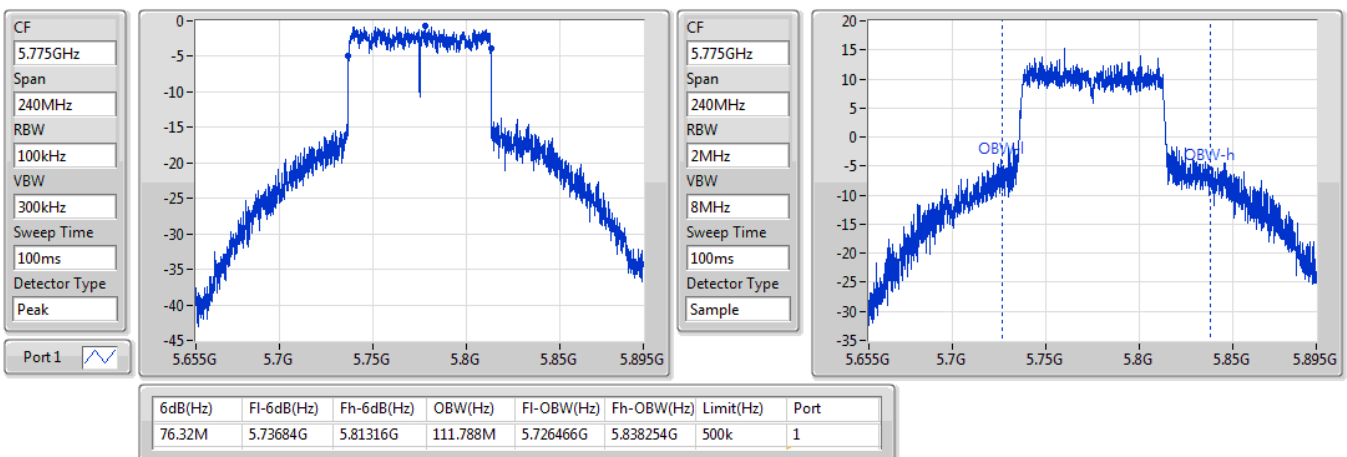


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5610MHz

07/11/2019


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5775MHz

24/09/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	24.02	0.25235
802.11ac VHT20_Nss1,(MCS0)_1TX	23.37	0.21727
802.11ac VHT40_Nss1,(MCS0)_1TX	20.78	0.11967
802.11ac VHT80_Nss1,(MCS0)_1TX	16.65	0.04624
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.62	0.14521
802.11ac VHT20_Nss1,(MCS0)_1TX	21.63	0.14555
802.11ac VHT40_Nss1,(MCS0)_1TX	21.55	0.14289
802.11ac VHT80_Nss1,(MCS0)_1TX	16.01	0.03990
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.41	0.10990
802.11ac VHT20_Nss1,(MCS0)_1TX	20.67	0.11668
802.11ac VHT40_Nss1,(MCS0)_1TX	19.45	0.08810
802.11ac VHT80_Nss1,(MCS0)_1TX	21.61	0.14488
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.22	0.13243
802.11ac VHT20_Nss1,(MCS0)_1TX	21.81	0.15171
802.11ac VHT40_Nss1,(MCS0)_1TX	21.58	0.14388
802.11ac VHT80_Nss1,(MCS0)_1TX	19.77	0.09484

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.50	21.36	21.36	30.00
5200MHz	Pass	2.50	24.02	24.02	30.00
5240MHz	Pass	2.50	21.41	21.41	30.00
5260MHz	Pass	2.28	21.62	21.62	23.98
5300MHz	Pass	2.28	21.51	21.51	23.98
5320MHz	Pass	2.28	21.51	21.51	23.98
5500MHz	Pass	2.75	20.41	20.41	23.98
5580MHz	Pass	2.75	20.34	20.34	23.98
5700MHz	Pass	2.75	17.92	17.92	23.98
5745MHz	Pass	2.98	21.22	21.22	30.00
5785MHz	Pass	2.98	20.78	20.78	30.00
5825MHz	Pass	2.98	20.90	20.90	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.50	21.32	21.32	30.00
5200MHz	Pass	2.50	23.37	23.37	30.00
5240MHz	Pass	2.50	21.43	21.43	30.00
5260MHz	Pass	2.28	21.52	21.52	23.98
5300MHz	Pass	2.28	21.49	21.49	23.98
5320MHz	Pass	2.28	21.63	21.63	23.98
5500MHz	Pass	2.75	20.58	20.58	23.98
5580MHz	Pass	2.75	20.67	20.67	23.98
5700MHz	Pass	2.75	17.84	17.84	23.98
5745MHz	Pass	2.98	21.81	21.81	30.00
5785MHz	Pass	2.98	21.75	21.75	30.00
5825MHz	Pass	2.98	21.75	21.75	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.50	17.81	17.81	30.00
5230MHz	Pass	2.50	20.78	20.78	30.00
5270MHz	Pass	2.28	21.55	21.55	23.98
5310MHz	Pass	2.28	18.22	18.22	23.98
5510MHz	Pass	2.75	17.89	17.89	23.98
5550MHz	Pass	2.75	19.45	19.45	23.98
5670MHz	Pass	2.75	19.24	19.24	23.98
5755MHz	Pass	2.98	21.16	21.16	30.00
5795MHz	Pass	2.98	21.58	21.58	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	2.50	16.65	16.65	30.00
5290MHz	Pass	2.28	16.01	16.01	23.98
5530MHz	Pass	2.75	16.21	16.21	23.98
5610MHz	Pass	2.75	21.61	21.61	23.98
5775MHz	Pass	2.98	19.77	19.77	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	11.12
802.11ac VHT20_Nss1,(MCS0)_1TX	9.88
802.11ac VHT40_Nss1,(MCS0)_1TX	4.43
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.59
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.92
802.11ac VHT20_Nss1,(MCS0)_1TX	8.59
802.11ac VHT40_Nss1,(MCS0)_1TX	5.38
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.14
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.72
802.11ac VHT20_Nss1,(MCS0)_1TX	7.85
802.11ac VHT40_Nss1,(MCS0)_1TX	3.29
802.11ac VHT80_Nss1,(MCS0)_1TX	2.50
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.92
802.11ac VHT20_Nss1,(MCS0)_1TX	6.99
802.11ac VHT40_Nss1,(MCS0)_1TX	3.55
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.71

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.50	8.60	8.60	17.00
5200MHz	Pass	2.50	11.12	11.12	17.00
5240MHz	Pass	2.50	8.78	8.78	17.00
5260MHz	Pass	2.28	8.92	8.92	11.00
5300MHz	Pass	2.28	8.91	8.91	11.00
5320MHz	Pass	2.28	8.92	8.92	11.00
5500MHz	Pass	2.75	7.72	7.72	11.00
5580MHz	Pass	2.75	7.54	7.54	11.00
5700MHz	Pass	2.75	5.29	5.29	11.00
5745MHz	Pass	2.98	6.92	6.92	30.00
5785MHz	Pass	2.98	6.58	6.58	30.00
5825MHz	Pass	2.98	6.42	6.42	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.50	8.09	8.09	17.00
5200MHz	Pass	2.50	9.88	9.88	17.00
5240MHz	Pass	2.50	8.53	8.53	17.00
5260MHz	Pass	2.28	8.59	8.59	11.00
5300MHz	Pass	2.28	8.55	8.55	11.00
5320MHz	Pass	2.28	8.58	8.58	11.00
5500MHz	Pass	2.75	7.49	7.49	11.00
5580MHz	Pass	2.75	7.85	7.85	11.00
5700MHz	Pass	2.75	5.01	5.01	11.00
5745MHz	Pass	2.98	6.99	6.99	30.00
5785MHz	Pass	2.98	6.89	6.89	30.00
5825MHz	Pass	2.98	6.85	6.85	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.50	1.20	1.19	17.00
5230MHz	Pass	2.50	4.42	4.43	17.00
5270MHz	Pass	2.28	5.38	5.38	11.00
5310MHz	Pass	2.28	2.03	2.03	11.00
5510MHz	Pass	2.75	1.61	1.61	11.00
5550MHz	Pass	2.75	3.29	3.29	11.00
5670MHz	Pass	2.75	3.08	3.08	11.00
5755MHz	Pass	2.98	3.30	3.30	30.00
5795MHz	Pass	2.98	3.55	3.55	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	2.50	-2.59	-2.59	17.00
5290MHz	Pass	2.28	-3.13	-3.14	11.00
5530MHz	Pass	2.75	-2.41	-2.41	11.00
5610MHz	Pass	2.75	2.50	2.50	11.00
5775MHz	Pass	2.98	-0.71	-0.71	30.00

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

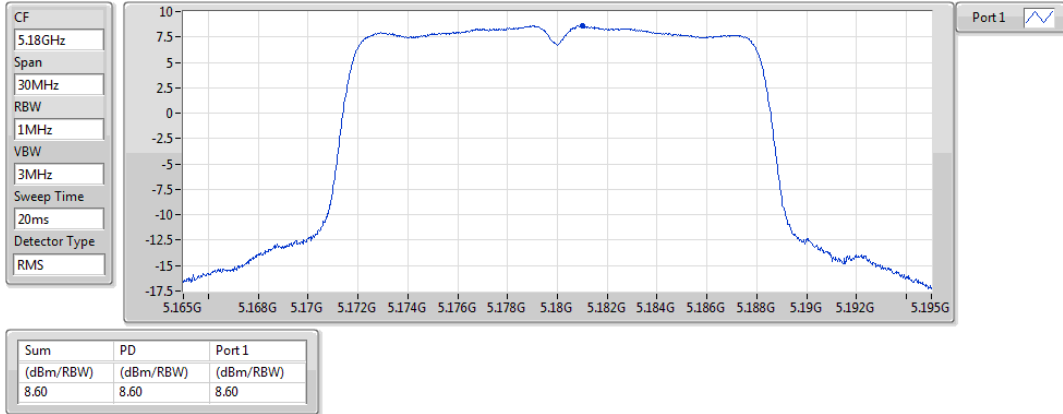
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

24/09/2019

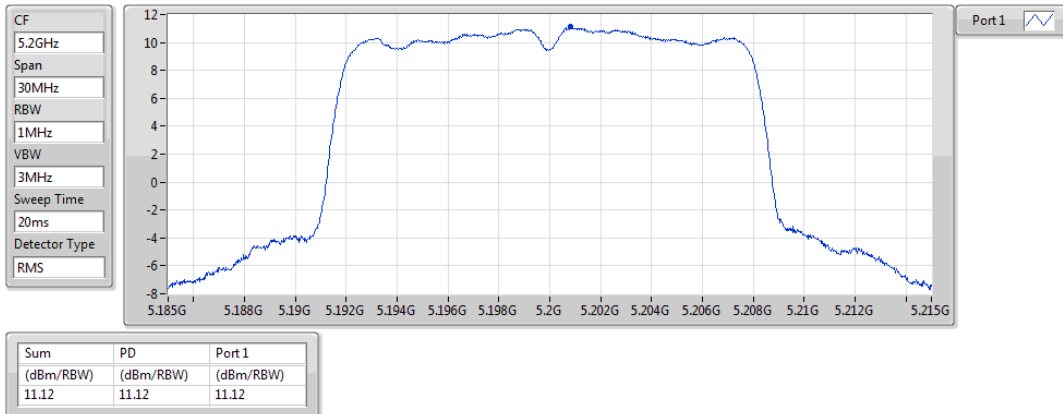


802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

24/09/2019

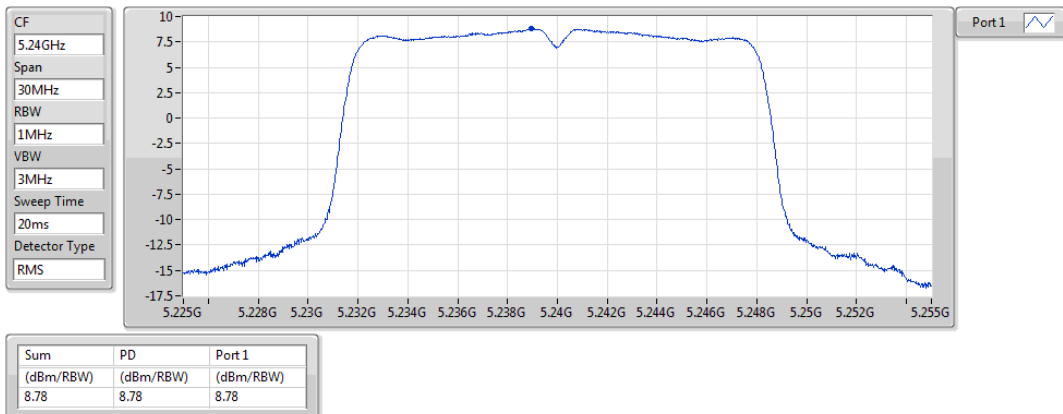


802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

14/09/2019

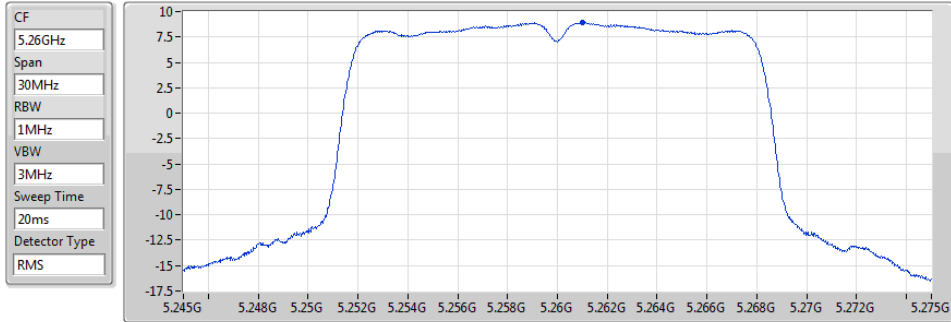


802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

14/09/2019



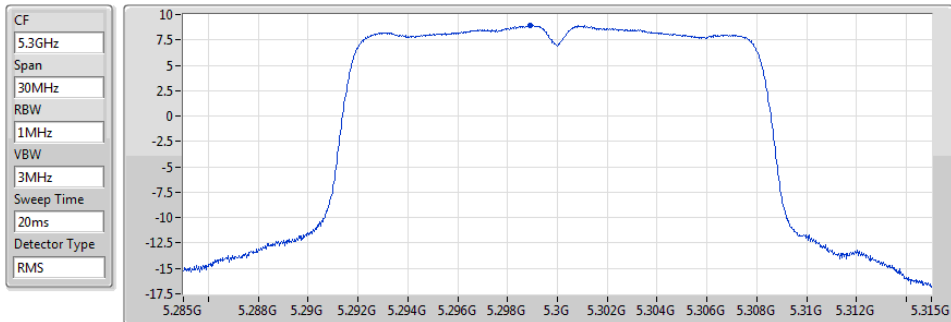
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.92	8.92	8.92

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

14/09/2019



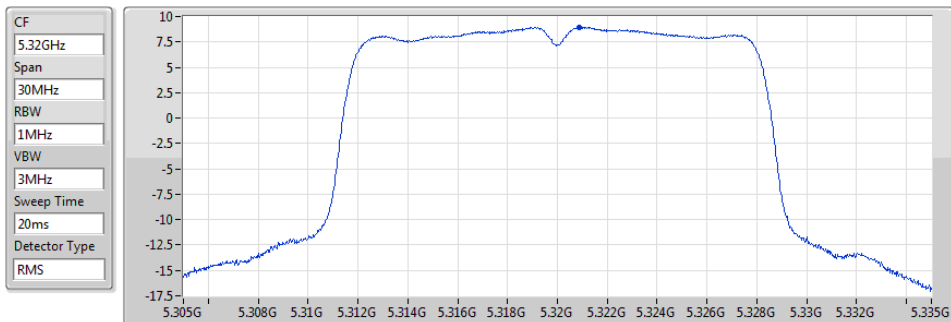
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.91	8.91	8.91

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

24/09/2019



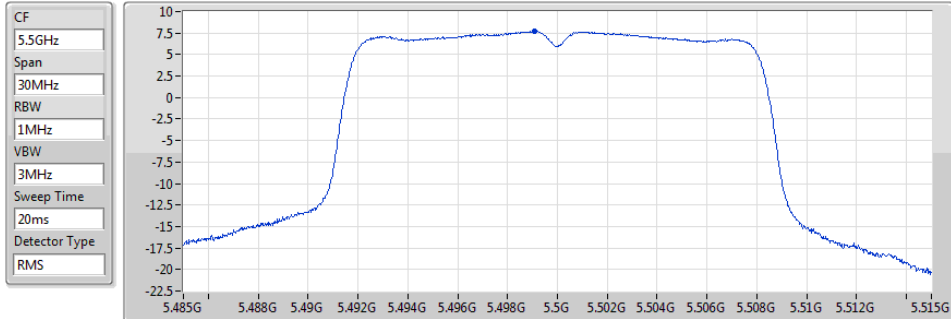
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.92	8.92	8.92

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

24/09/2019



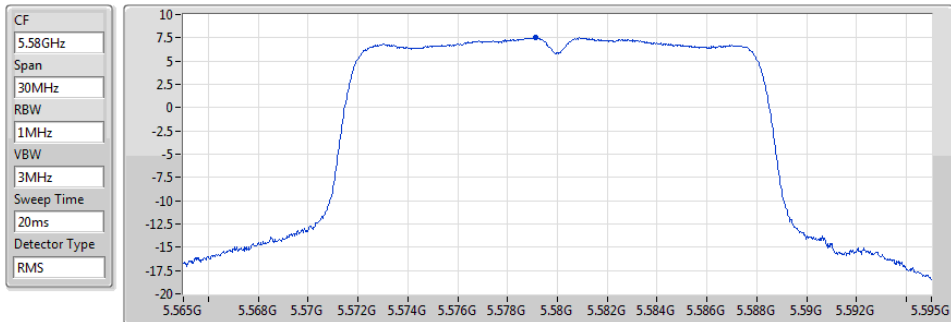
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.72	7.72	7.72

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

24/09/2019



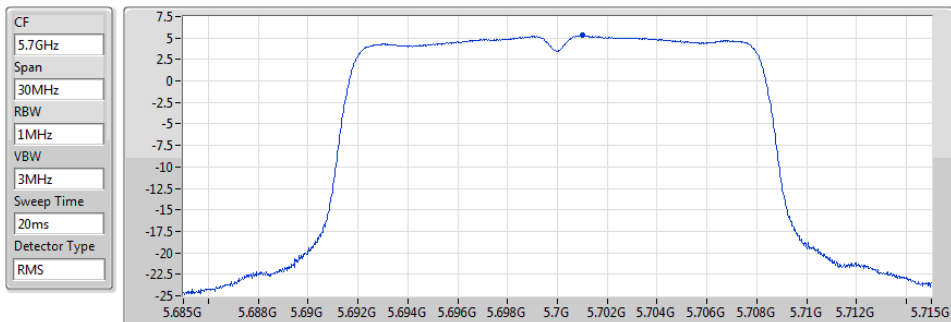
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.54	7.54	7.54

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

24/09/2019



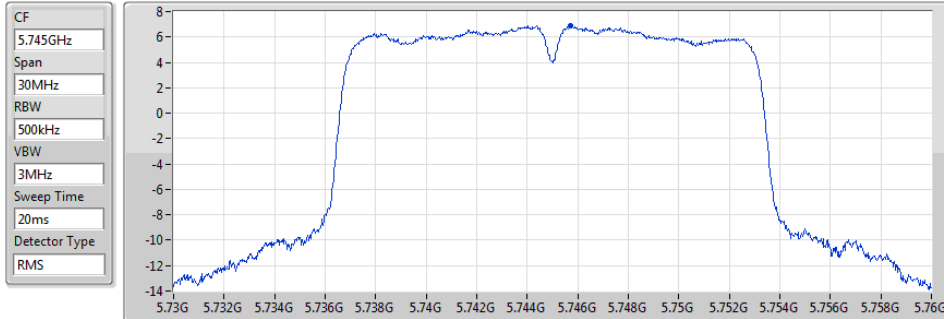
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.29	5.29	5.29

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

24/09/2019



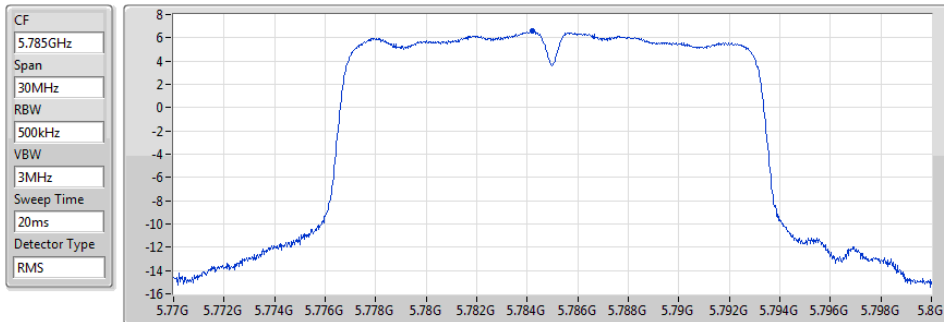
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.92	6.92	6.92

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

24/09/2019



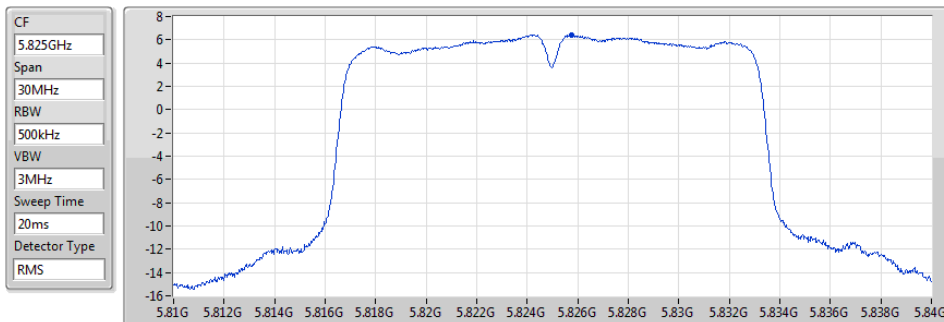
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.58	6.58	6.58

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

24/09/2019



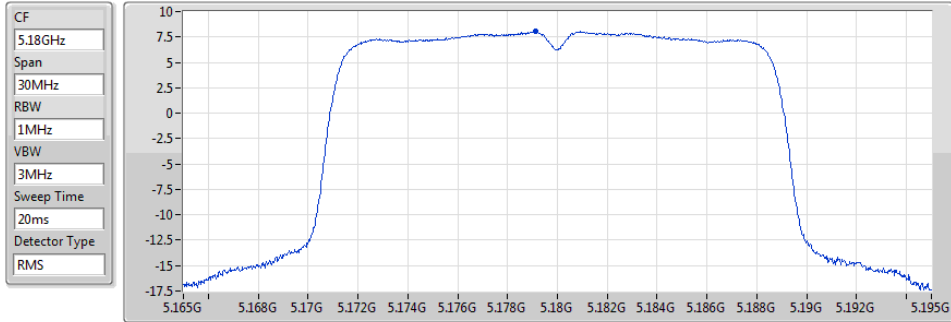
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.42	6.42	6.42

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

24/09/2019



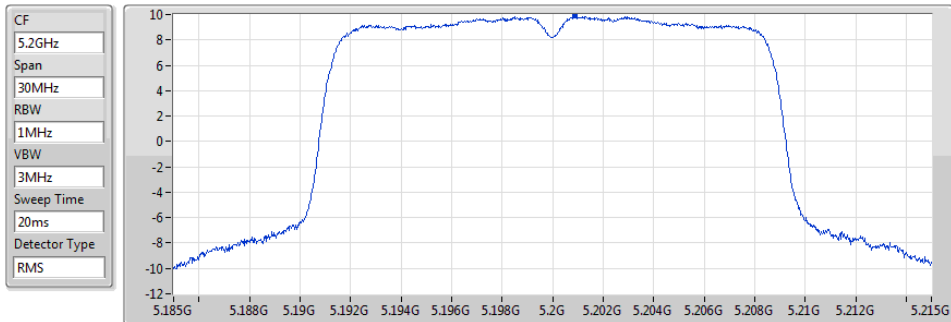
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.09	8.09	8.09

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

24/09/2019



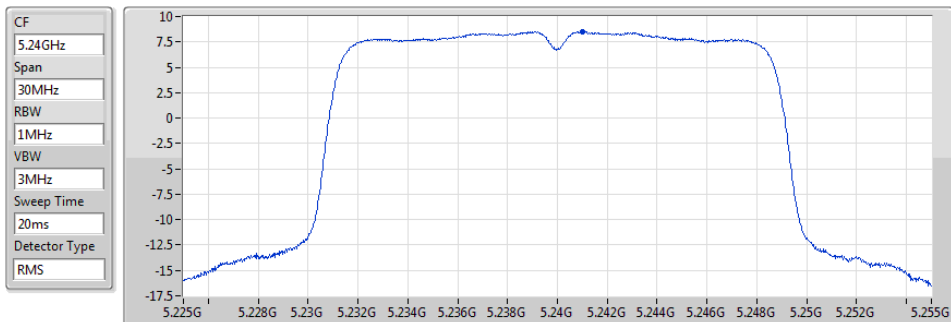
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.88	9.88	9.88

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

14/09/2019



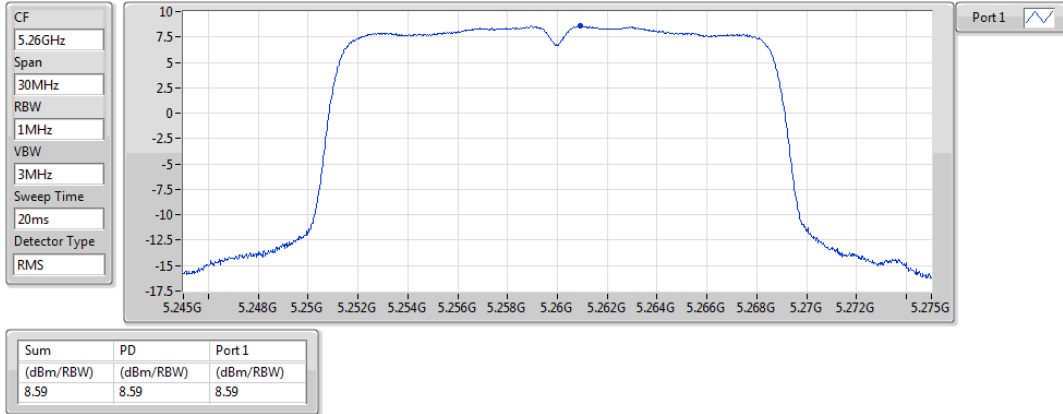
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.53	8.53	8.53

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

14/09/2019

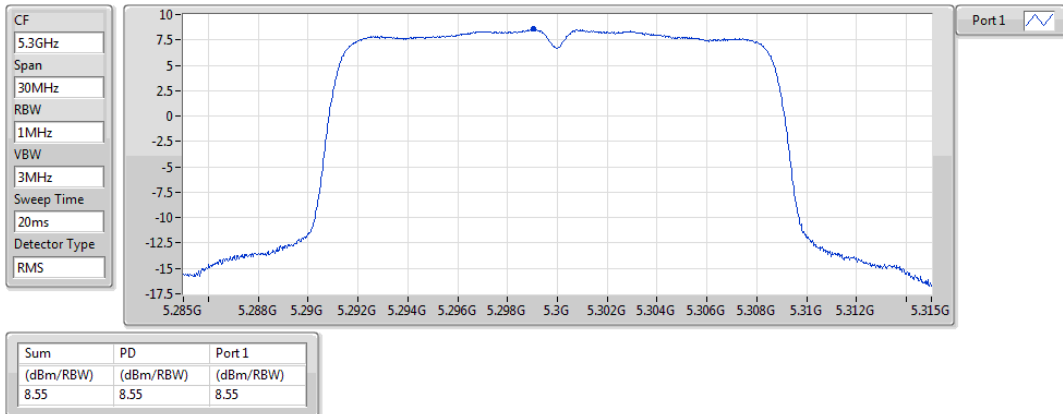


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

14/09/2019

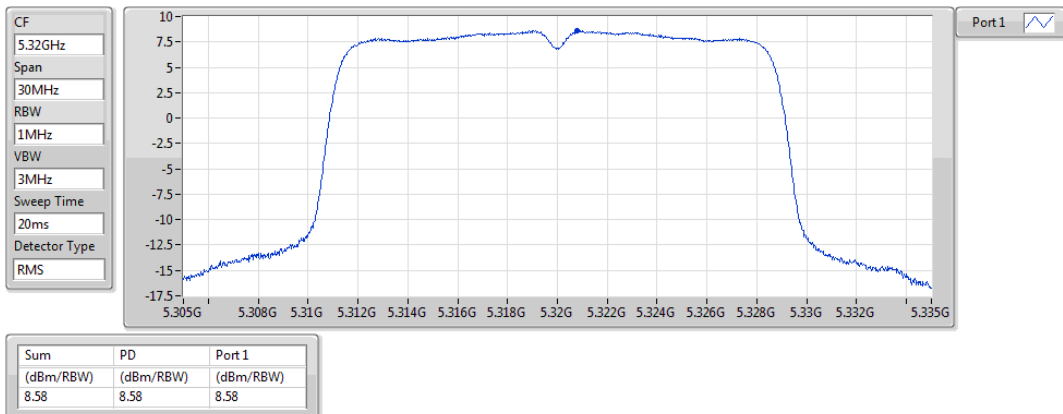


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

24/09/2019

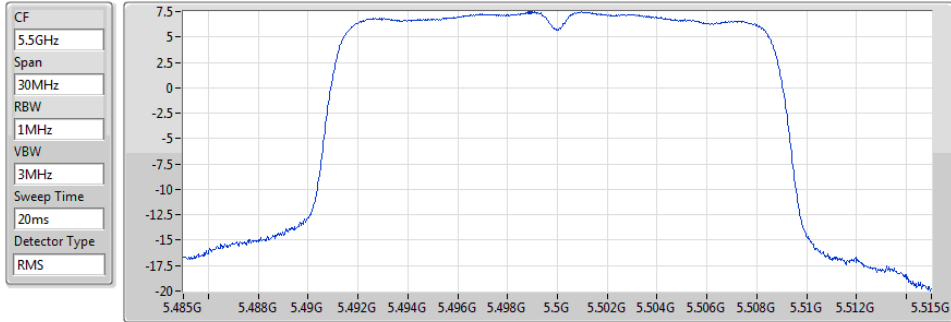


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

24/09/2019



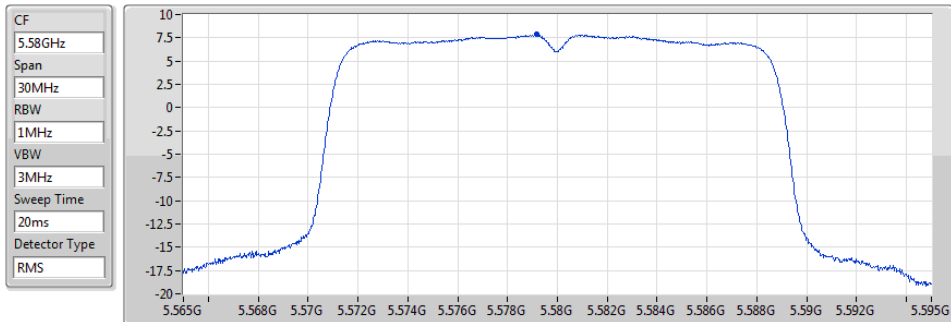
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.49	7.49	7.49

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

14/09/2019



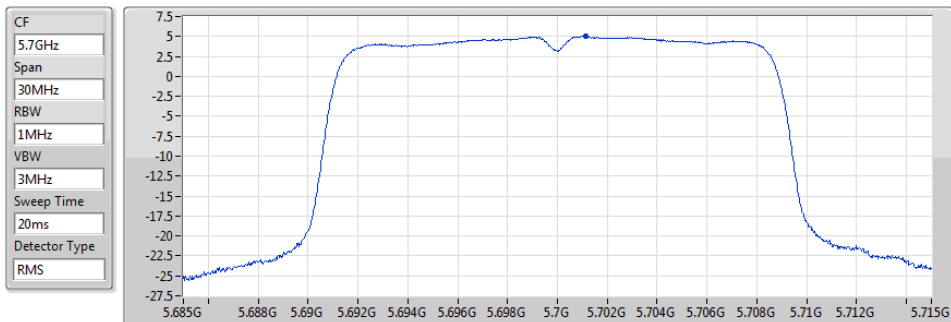
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.85	7.85	7.85

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

24/09/2019



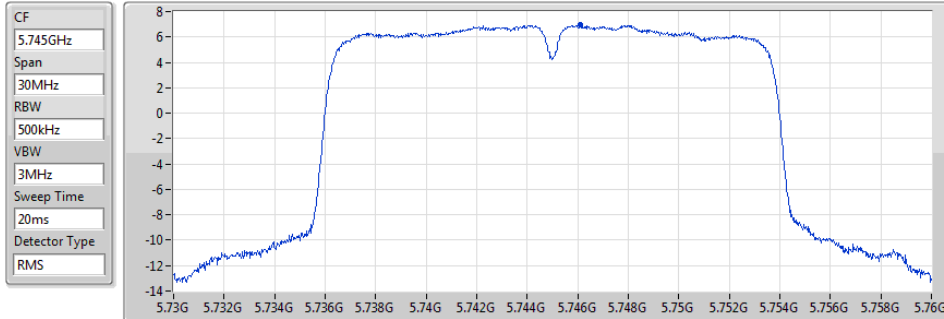
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.01	5.01	5.01

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

24/09/2019



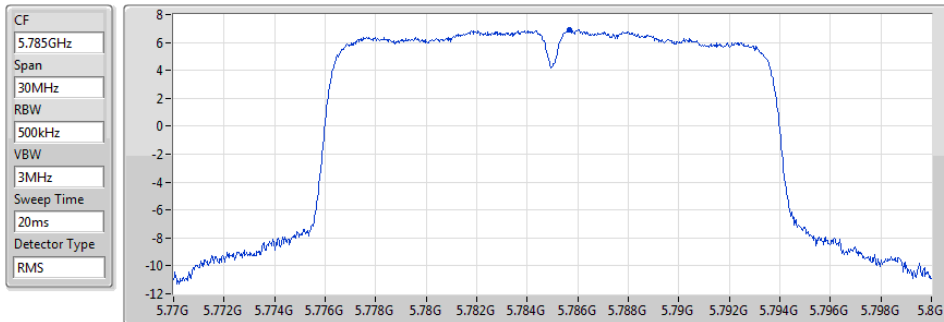
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.99	6.99	6.99

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

24/09/2019



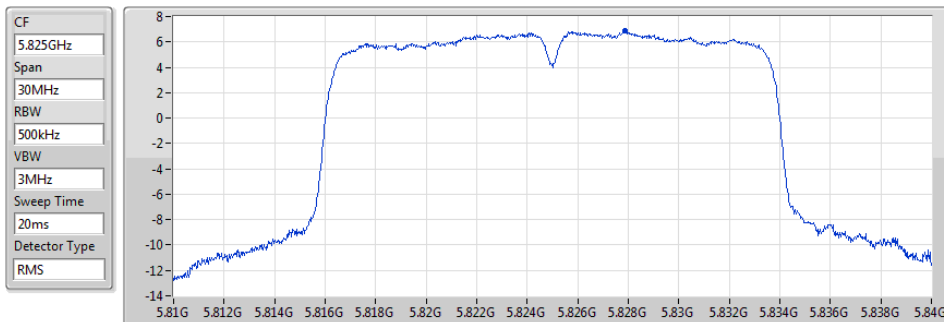
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.89	6.89	6.89

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

24/09/2019



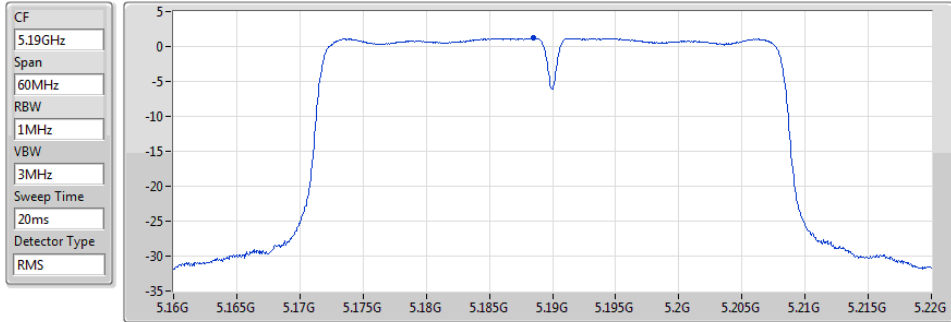
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.85	6.85	6.85

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

24/09/2019



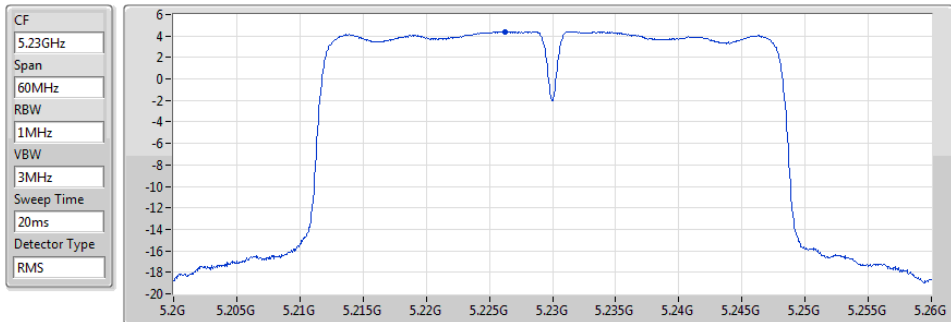
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.19	1.19	1.20

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

24/09/2019



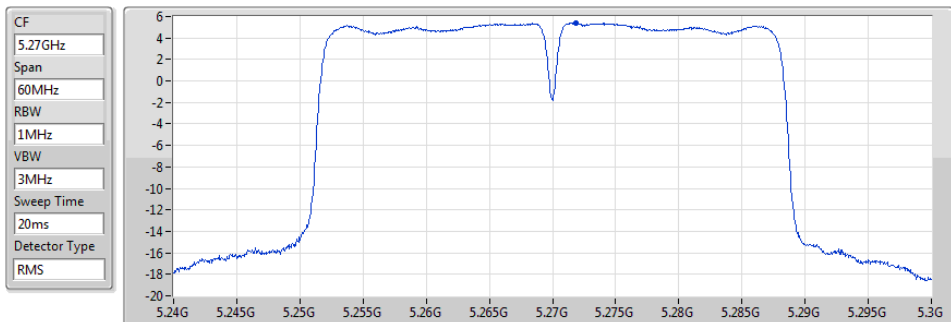
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.43	4.43	4.42

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

14/09/2019



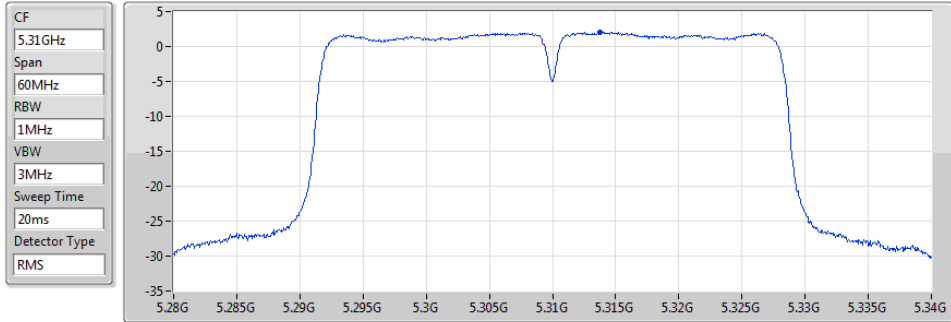
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.38	5.38	5.38

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

24/09/2019



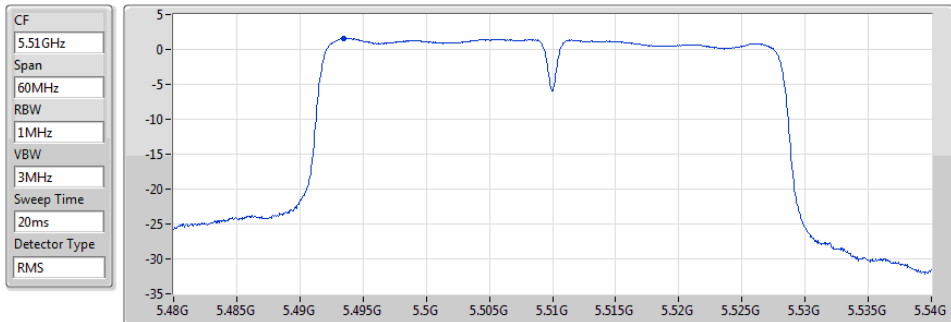
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.03	2.03	2.03

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

24/09/2019



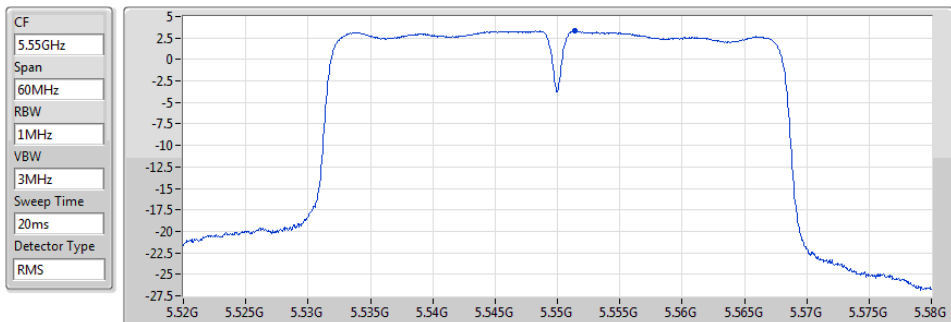
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.61	1.61	1.61

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

24/09/2019



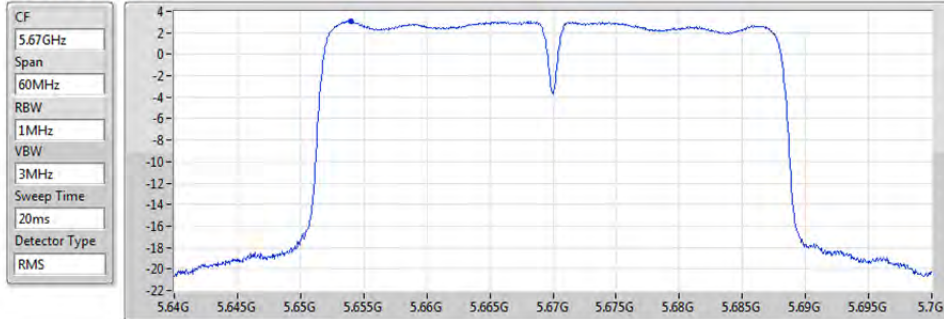
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.29	3.29	3.29

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

24/09/2019



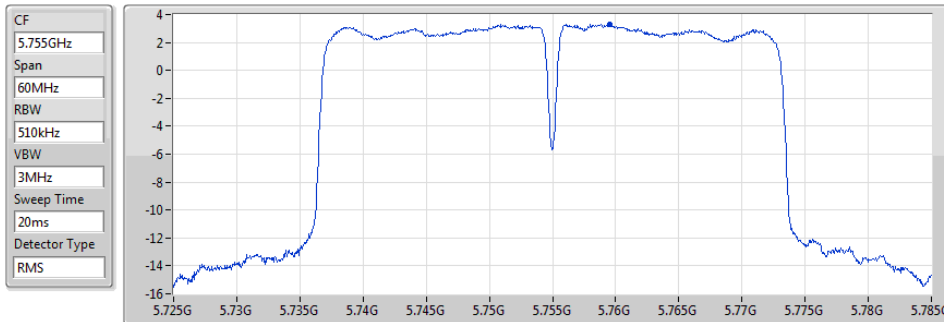
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.08	3.08	3.08

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

24/09/2019



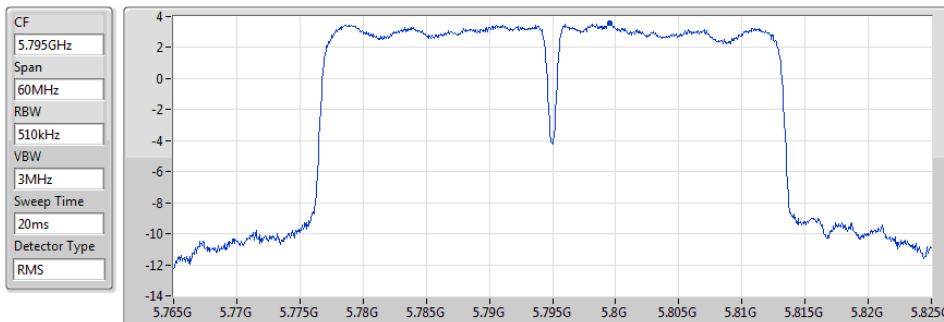
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.30	3.30	3.30

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

24/09/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.55	3.55	3.55

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

24/09/2019



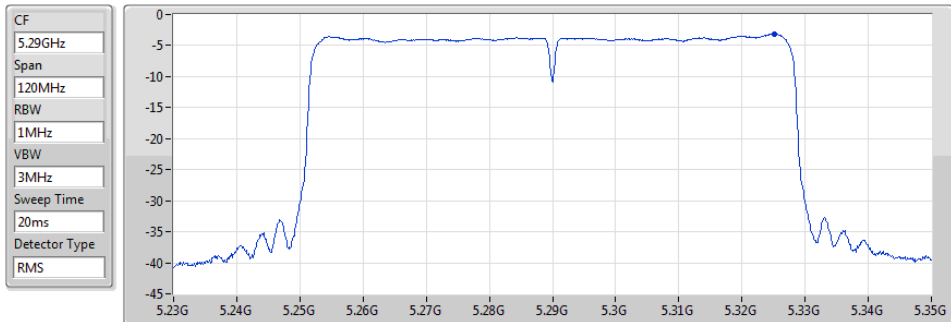
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.59	-2.59	-2.59

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

24/09/2019



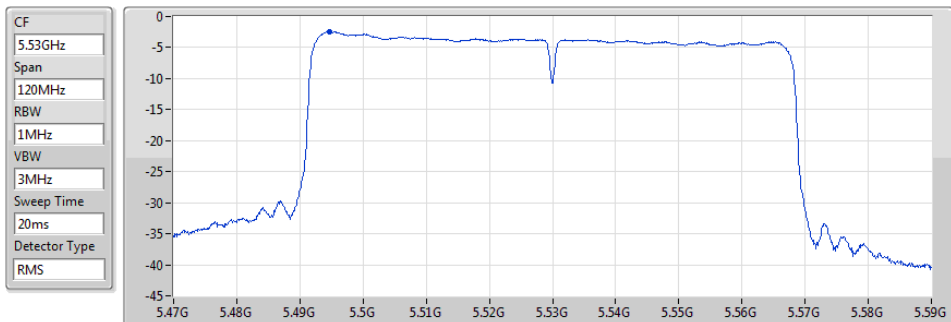
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.14	-3.14	-3.13

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

24/09/2019



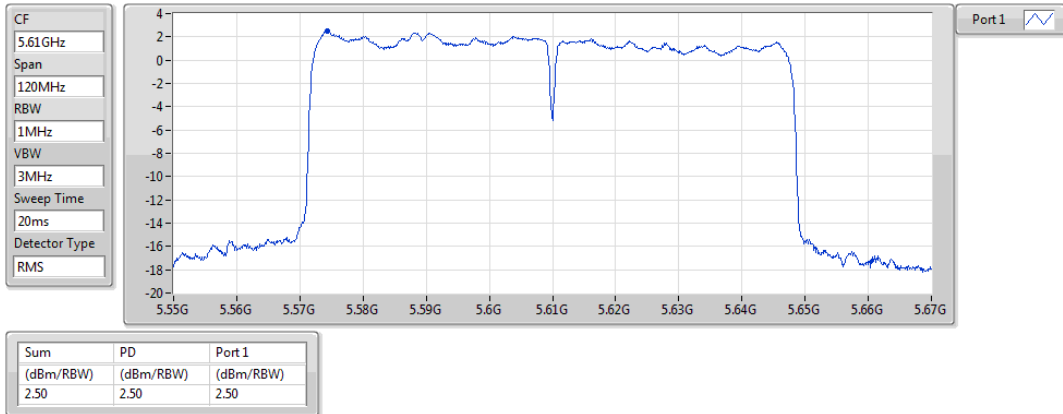
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.41	-2.41	-2.41

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

07/11/2019

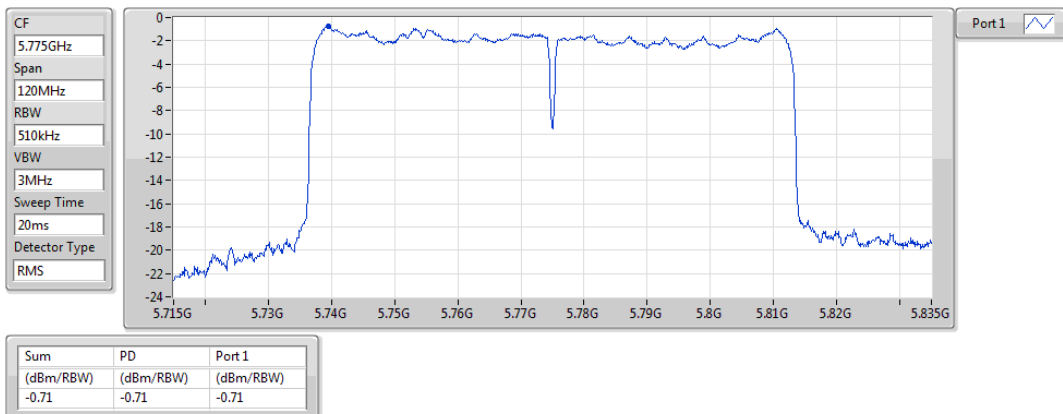


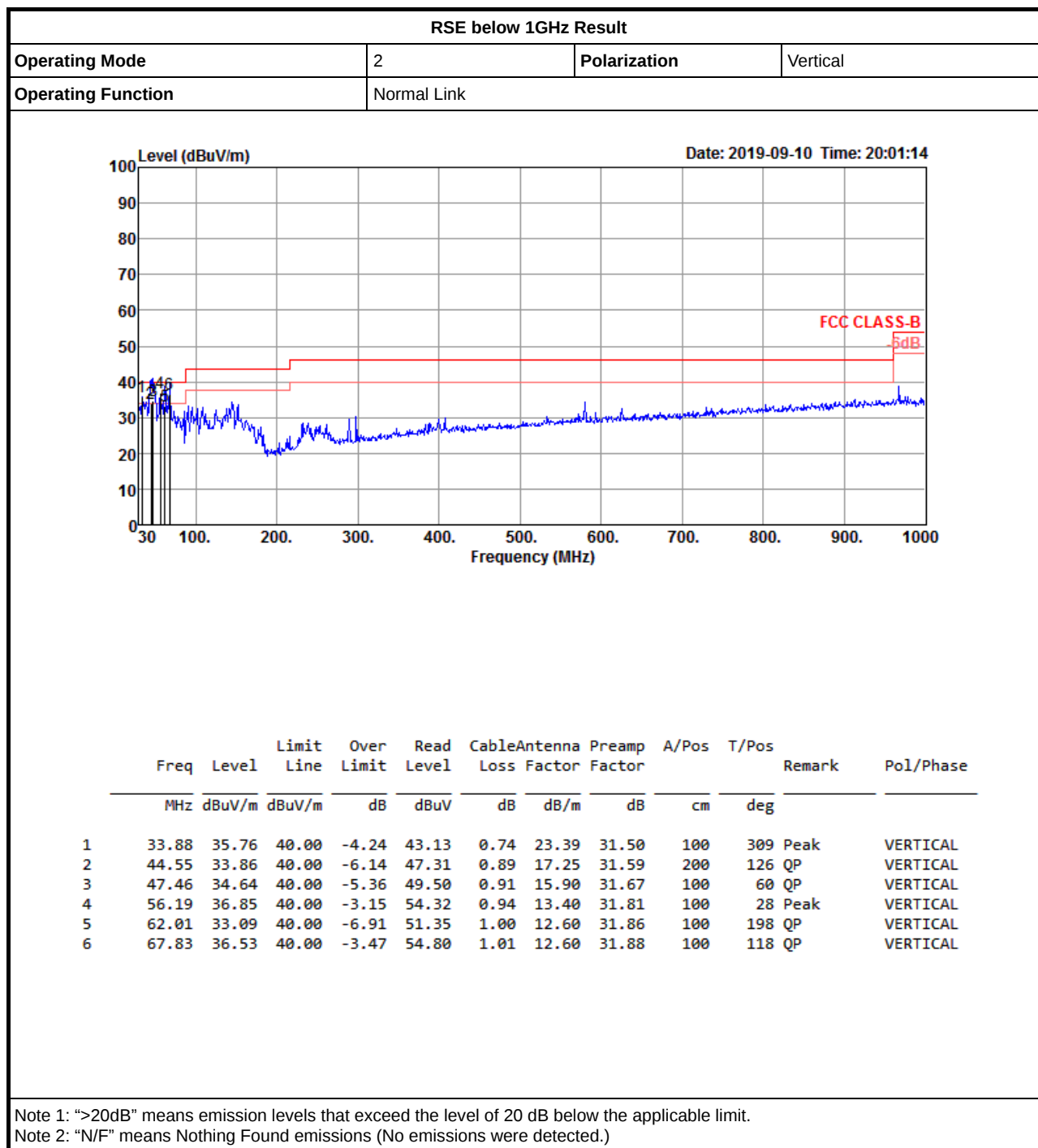
802.11ac VHT80_Nss1,(MCS0)_1TX

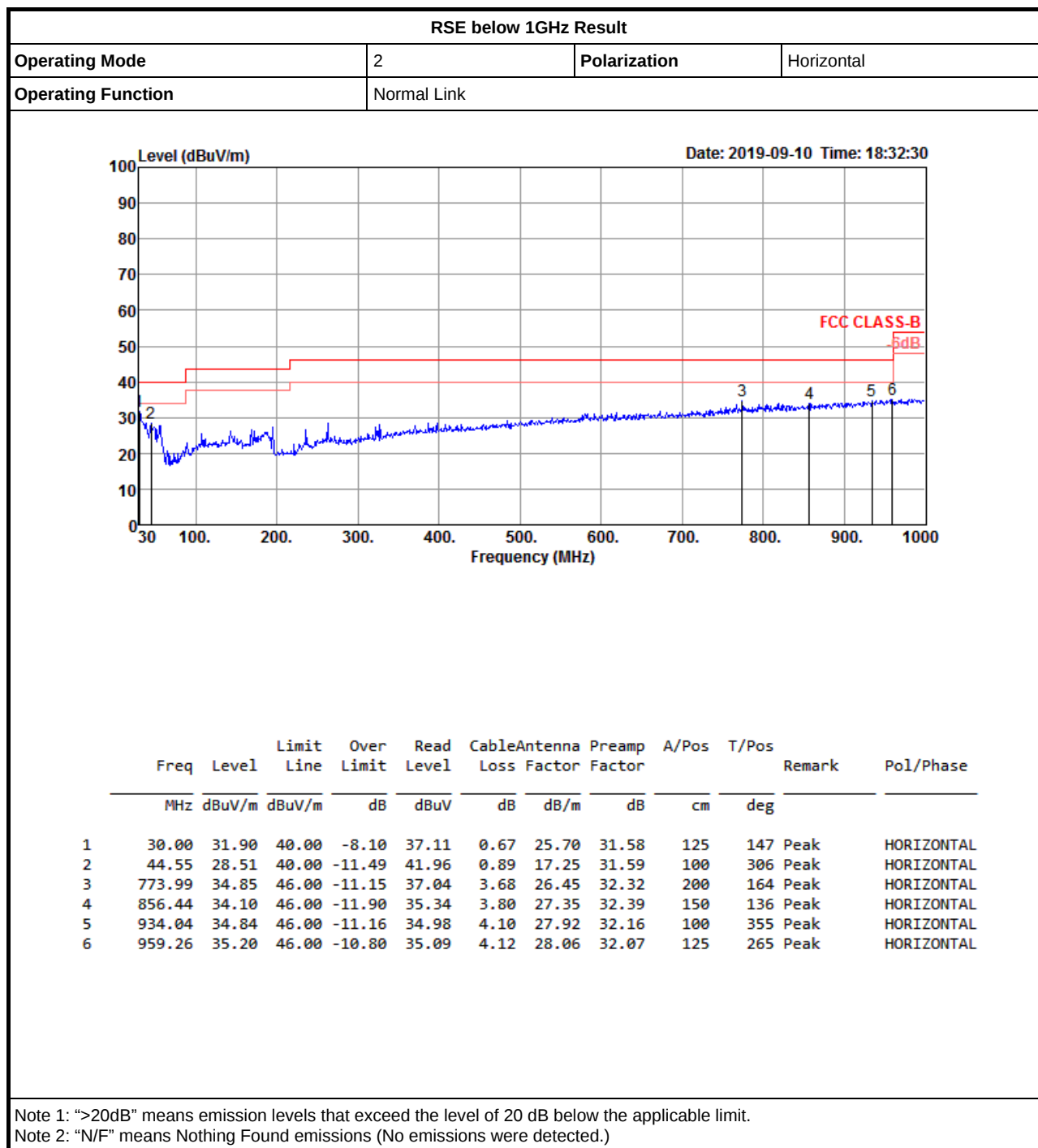
PSD

5775MHz

24/09/2019









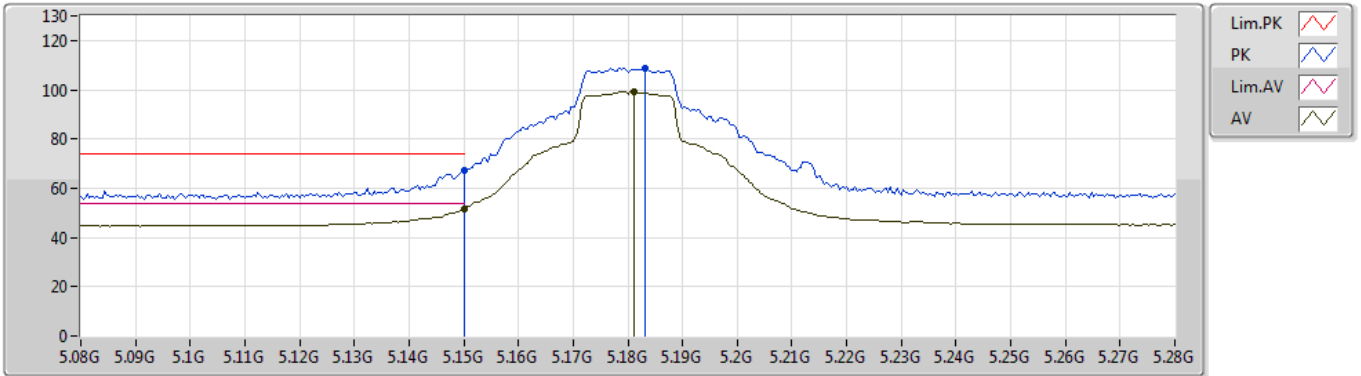
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.3501G	53.98	54.00	-0.02	5.81	3	Horizontal	217	2.81	-

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5180MHz_TX



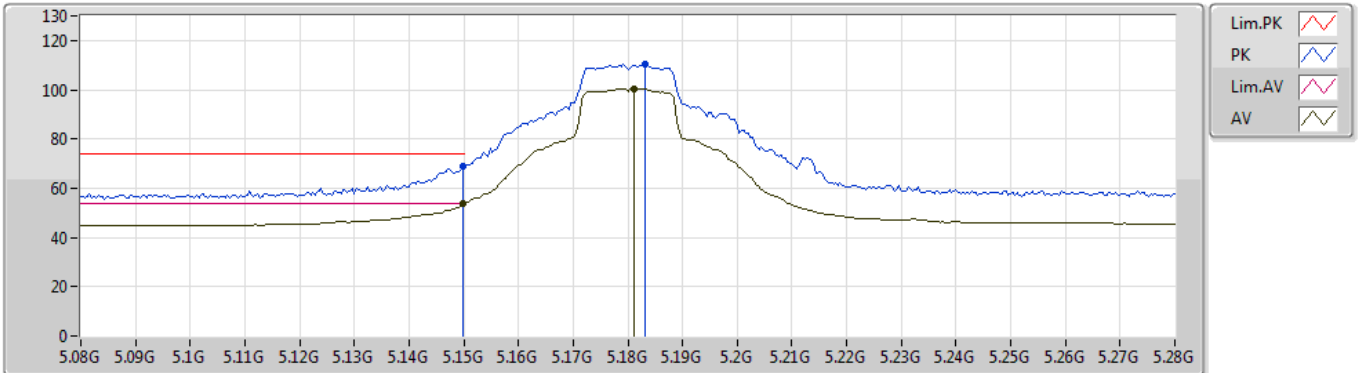
EUT Z_1TX
Setting 13
03-E-2-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)			
PK	5.15G	66.99	74.00	-7.01	5.50	3	Vertical	2	2.88	-	61.49			
AV	5.15G	51.59	54.00	-2.41	5.50	3	Vertical	2	2.88	-	46.09			
PK	5.1832G	108.80	Inf	-Inf	5.59	3	Vertical	2	2.88	-	103.21			
AV	5.1812G	99.17	Inf	-Inf	5.58	3	Vertical	2	2.88	-	93.59			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5180MHz_TX



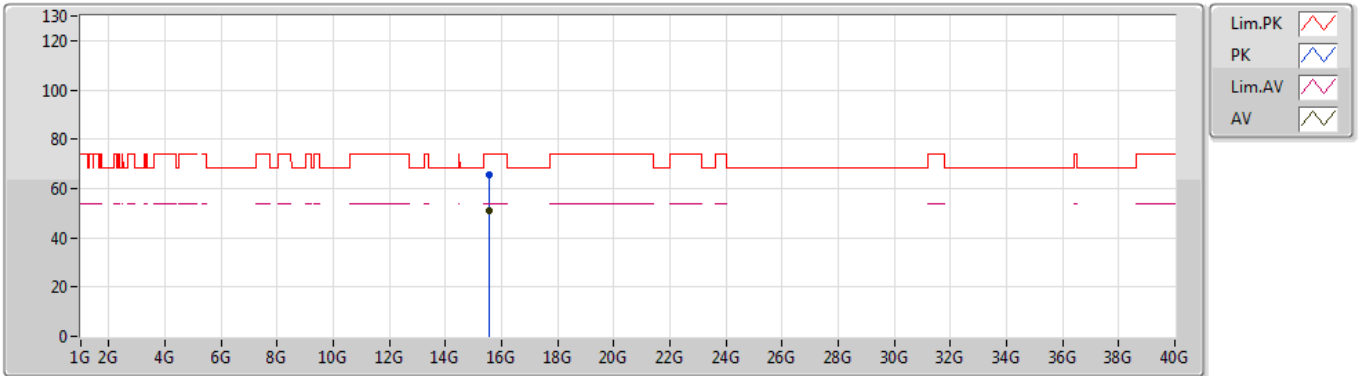
EUT Z_1TX
Setting 13
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1499G	69.06	74.00	-4.94	5.50	3	Horizontal	135	2.99	-	63.56			
AV	5.1499G	53.56	54.00	-0.44	5.50	3	Horizontal	135	2.99	-	48.06			
PK	5.1832G	110.22	Inf	-Inf	5.59	3	Horizontal	135	2.99	-	104.63			
AV	5.1812G	100.48	Inf	-Inf	5.58	3	Horizontal	135	2.99	-	94.90			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5180MHz_TX



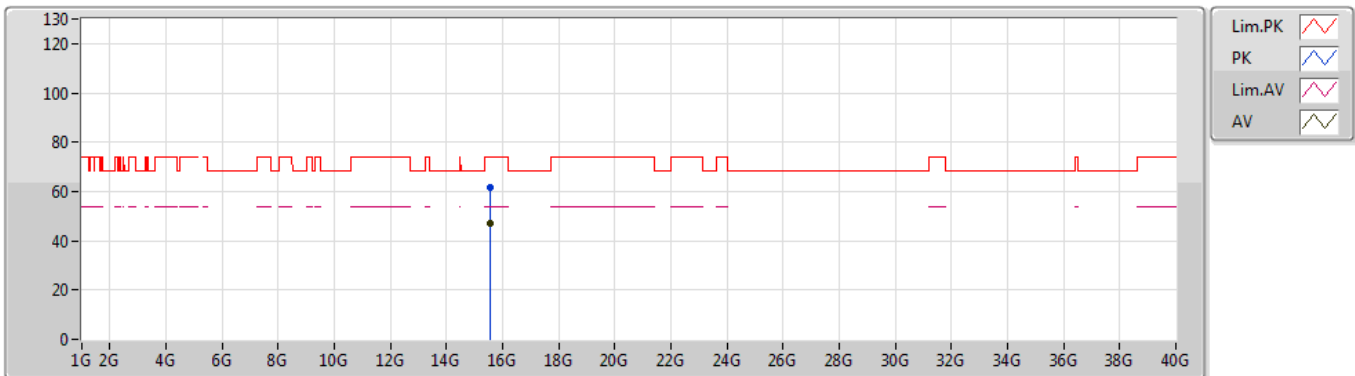
EUT_Z_1TX
Setting 13
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.5421G	65.72	74.00	-8.28	14.39	3	Vertical	236	1.75	-	51.33			
AV	15.53934G	50.81	54.00	-3.19	14.40	3	Vertical	236	1.75	-	36.41			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5180MHz_TX



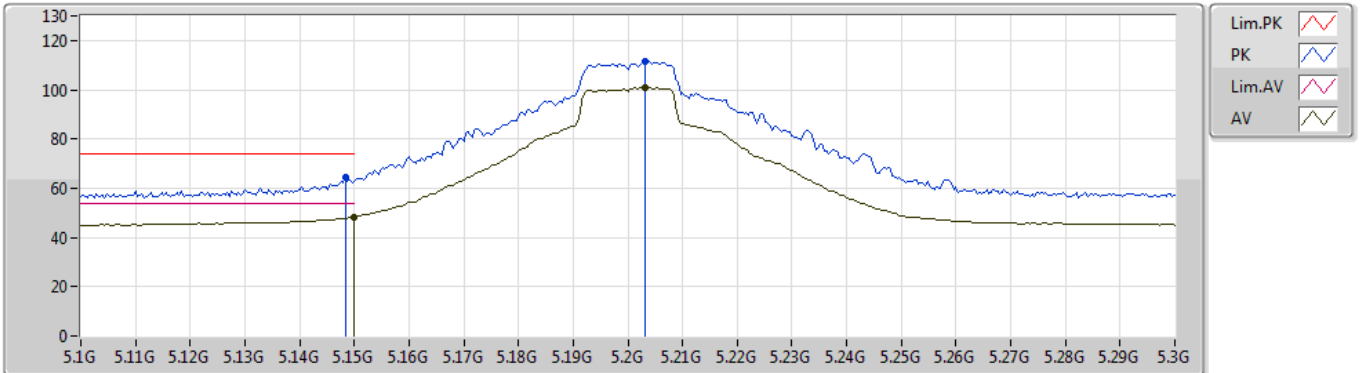
EUT_Z_1TX
Setting 13
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.53502G	61.59	74.00	-12.41	14.41	3	Horizontal	187	1.66	-	47.18			
AV	15.54264G	47.12	54.00	-6.88	14.39	3	Horizontal	187	1.66	-	32.73			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5200MHz_TX



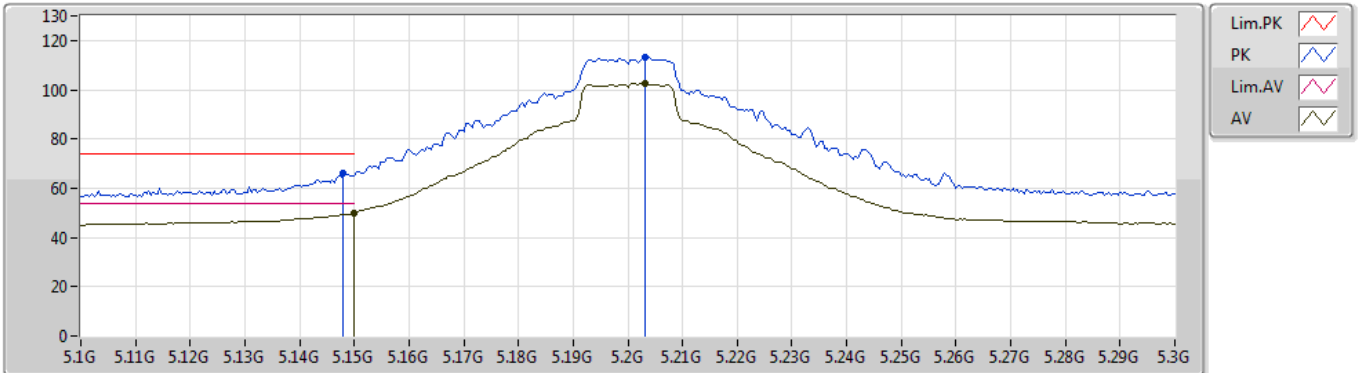
EUT_Z_1TX
Setting 1F
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1484G	64.48	74.00	-9.52	5.50	3	Vertical	5	2.99	-	58.98			
AV	5.15G	48.17	54.00	-5.83	5.50	3	Vertical	5	2.99	-	42.67			
PK	5.2032G	111.55	Inf	-Inf	5.65	3	Vertical	5	2.99	-	105.90			
AV	5.2032G	100.95	Inf	-Inf	5.65	3	Vertical	5	2.99	-	95.30			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5200MHz_TX



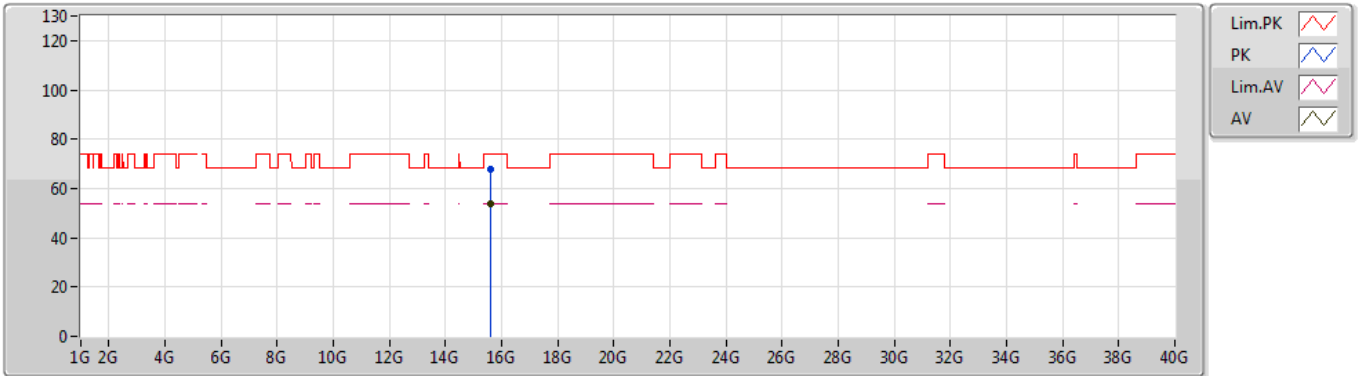
EUT_Z_1TX
Setting 1F
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.148G	66.04	74.00	-7.96	5.50	3	Horizontal	133	2.95	-	60.54			
AV	5.15G	50.01	54.00	-3.99	5.50	3	Horizontal	133	2.95	-	44.51			
PK	5.2032G	113.03	Inf	-Inf	5.65	3	Horizontal	133	2.95	-	107.38			
AV	5.2032G	102.45	Inf	-Inf	5.65	3	Horizontal	133	2.95	-	96.80			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5200MHz_TX



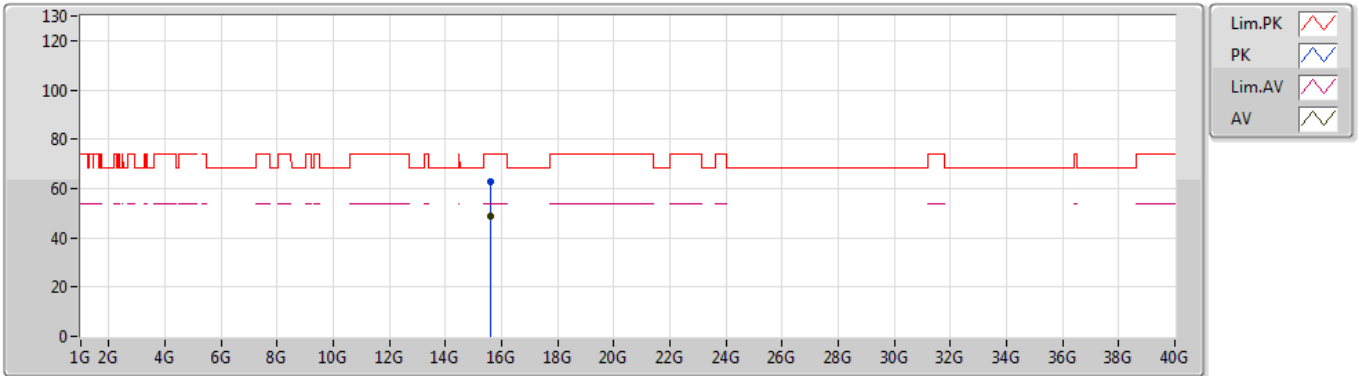
EUT_Z_1TX
Setting 1F
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.59484G	68.05	74.00	-5.95	14.21	3	Vertical	203	1.71	-	53.84			
AV	15.59898G	53.52	54.00	-0.48	14.18	3	Vertical	203	1.71	-	39.34			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5200MHz_TX



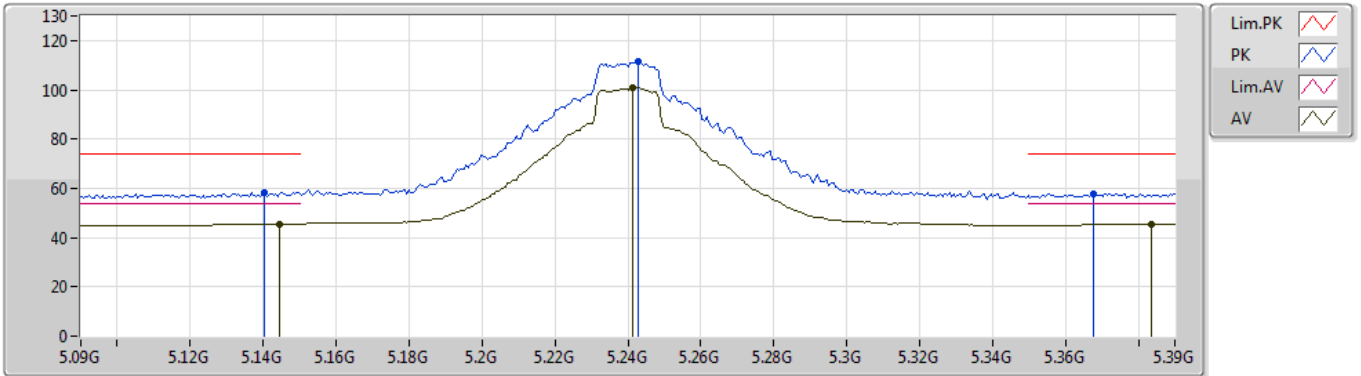
EUT_Z_1TX
Setting 1F
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.597G	62.57	74.00	-11.43	14.19	3	Horizontal	187	1.50	-	48.38			
AV	15.59898G	48.77	54.00	-5.23	14.18	3	Horizontal	187	1.50	-	34.59			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5240MHz_TX



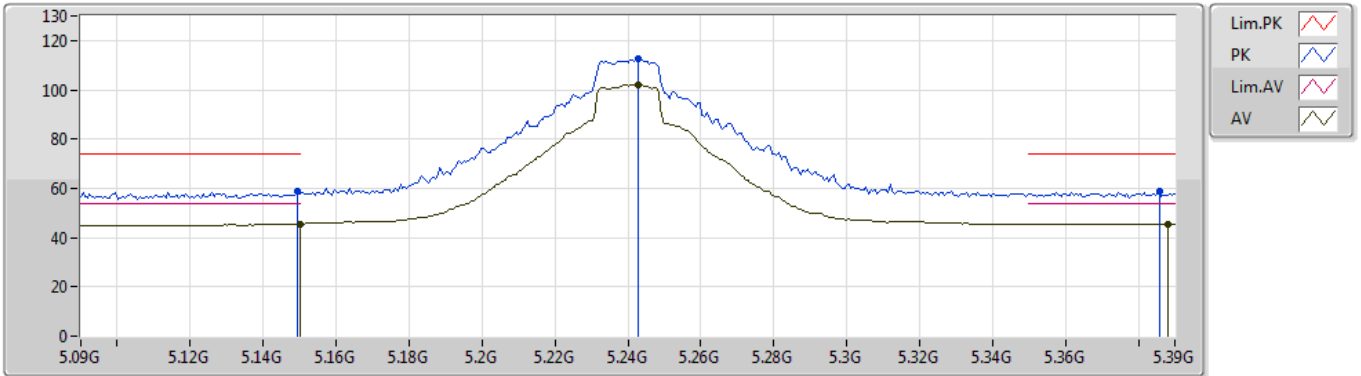
EUT Z_1TX
Setting 1F
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1404G	58.53	74.00	-15.47	5.48	3	Vertical	4	2.95	-	53.05			
AV	5.1446G	45.44	54.00	-8.56	5.48	3	Vertical	4	2.95	-	39.96			
PK	5.243G	111.32	Inf	-Inf	5.71	3	Vertical	4	2.95	-	105.61			
AV	5.2412G	100.68	Inf	-Inf	5.70	3	Vertical	4	2.95	-	94.98			
PK	5.3678G	57.95	74.00	-16.05	5.82	3	Vertical	4	2.95	-	52.13			
AV	5.3834G	45.40	54.00	-8.60	5.83	3	Vertical	4	2.95	-	39.57			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5240MHz_TX



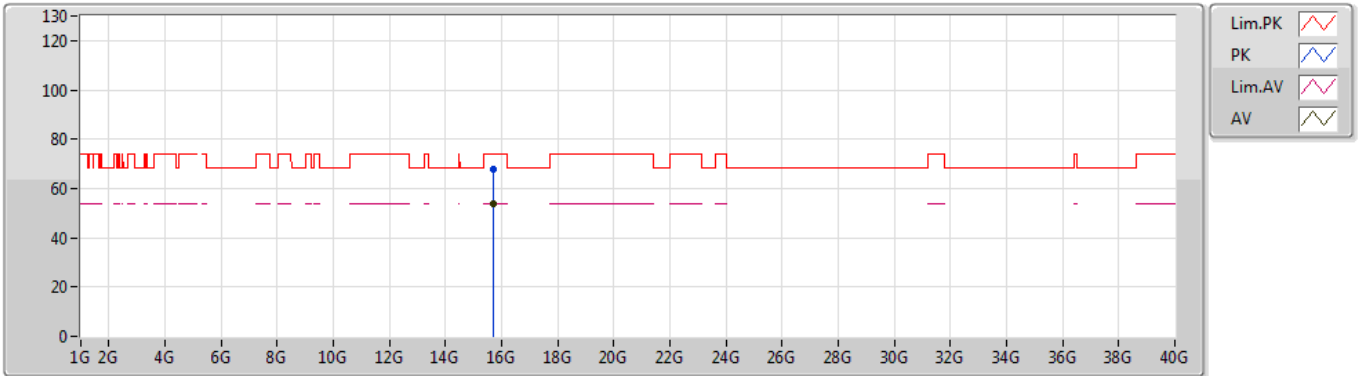
EUT Z_1TX
Setting 1F
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1494G	58.64	74.00	-15.36	5.50	3	Horizontal	218	2.89	-	53.14			
AV	5.15G	45.52	54.00	-8.48	5.50	3	Horizontal	218	2.89	-	40.02			
PK	5.243G	112.74	Inf	-Inf	5.71	3	Horizontal	218	2.89	-	107.03			
AV	5.243G	102.10	Inf	-Inf	5.71	3	Horizontal	218	2.89	-	96.39			
PK	5.3858G	58.60	74.00	-15.40	5.84	3	Horizontal	218	2.89	-	52.76			
AV	5.3882G	45.61	54.00	-8.39	5.83	3	Horizontal	218	2.89	-	39.78			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5240MHz_TX



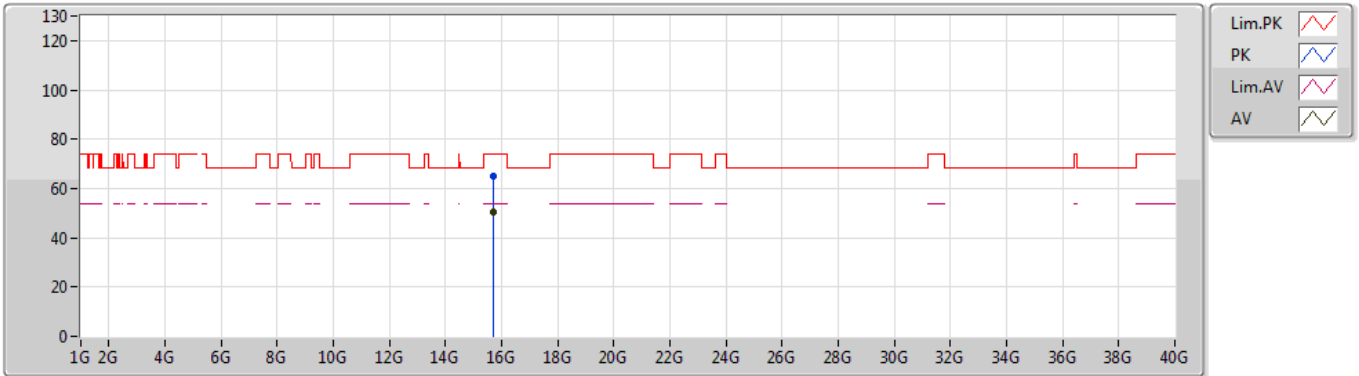
EUT_Z_1TX
Setting 1F
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.71532G	68.05	74.00	-5.95	13.76	3	Vertical	204	1.71	-	54.29			
AV	15.72192G	53.91	54.00	-0.09	13.74	3	Vertical	204	1.71	-	40.17			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5240MHz_TX



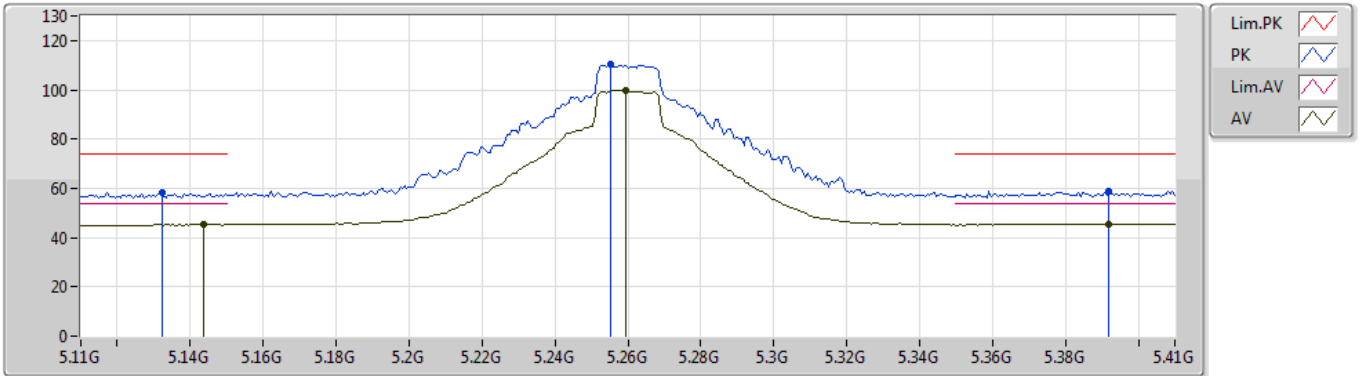
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Setting 1F
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.71838G	64.93	74.00	-9.07	13.75	3	Horizontal	172	1.71	-	51.18			
AV	15.71952G	50.59	54.00	-3.41	13.75	3	Horizontal	172	1.71	-	36.84			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5260MHz_TX



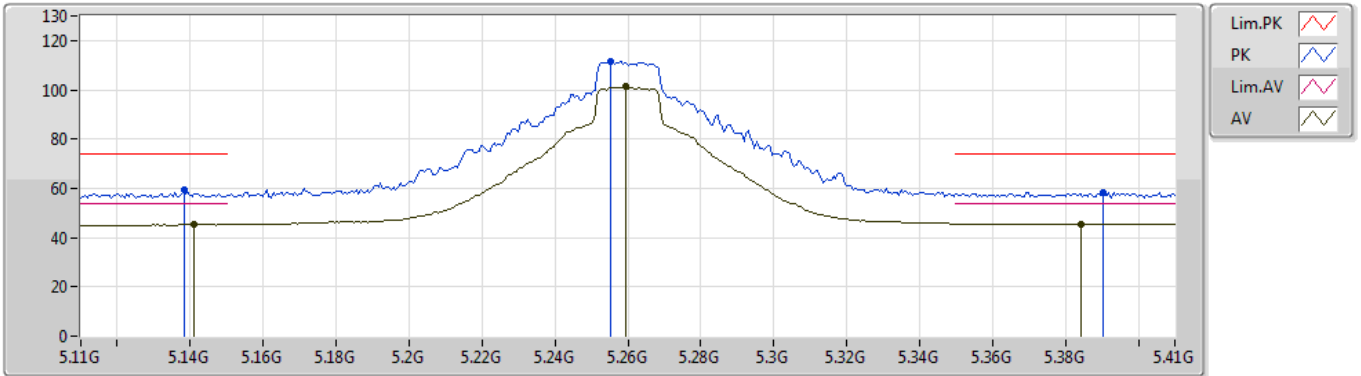
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Setting 20
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1322G	58.23	74.00	-15.77	5.45	3	Vertical	3	2.95	-	52.78			
AV	5.1436G	45.26	54.00	-8.74	5.48	3	Vertical	3	2.95	-	39.78			
PK	5.2552G	110.11	Inf	-Inf	5.72	3	Vertical	3	2.95	-	104.39			
AV	5.2594G	99.95	Inf	-Inf	5.73	3	Vertical	3	2.95	-	94.22			
PK	5.392G	58.90	74.00	-15.10	5.83	3	Vertical	3	2.95	-	53.07			
AV	5.392G	45.54	54.00	-8.46	5.83	3	Vertical	3	2.95	-	39.71			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5260MHz_TX



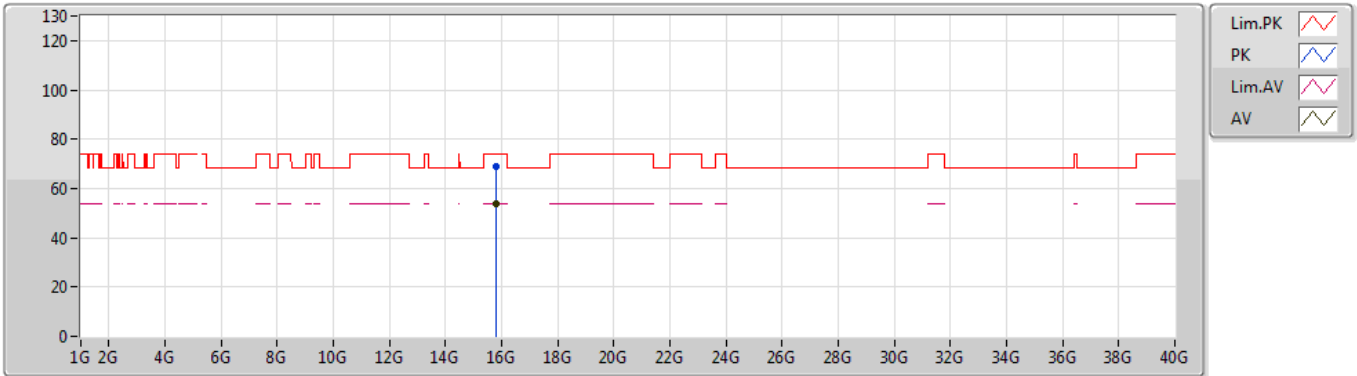
EUT Z_1TX
Setting 20
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.1382G	59.13	74.00	-14.87	5.47	3	Horizontal	217	2.60	-	53.66
AV	5.1412G	45.24	54.00	-8.76	5.48	3	Horizontal	217	2.60	-	39.76
PK	5.2552G	111.31	Inf	-Inf	5.72	3	Horizontal	217	2.60	-	105.59
AV	5.2594G	101.20	Inf	-Inf	5.73	3	Horizontal	217	2.60	-	95.47
PK	5.3902G	58.32	74.00	-15.68	5.83	3	Horizontal	217	2.60	-	52.49
AV	5.3842G	45.51	54.00	-8.49	5.83	3	Horizontal	217	2.60	-	39.68

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5260MHz_TX



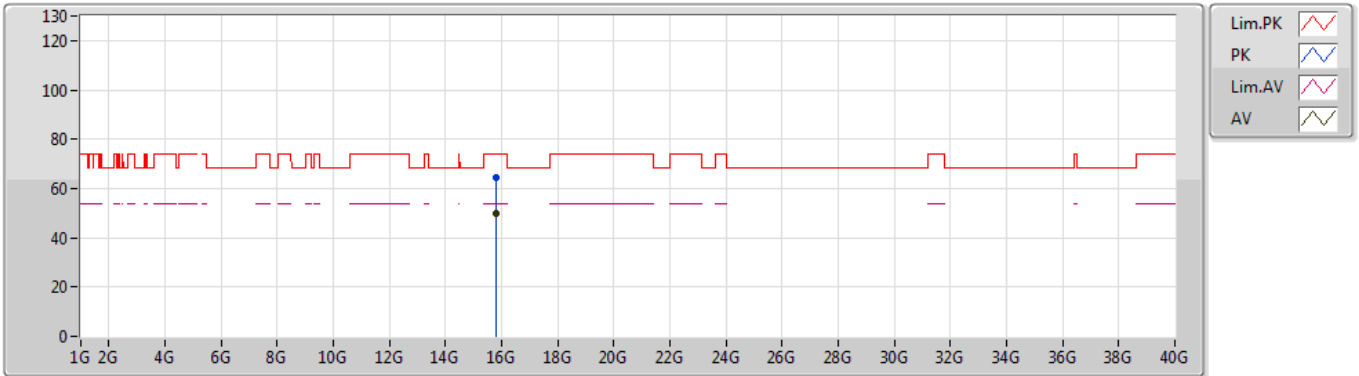
EUT_Z_1TX
Setting 20
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.78048G	68.90	74.00	-5.10	13.53	3	Vertical	212	1.66	-	55.37			
AV	15.77946G	53.61	54.00	-0.39	13.53	3	Vertical	212	1.66	-	40.08			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5260MHz_TX



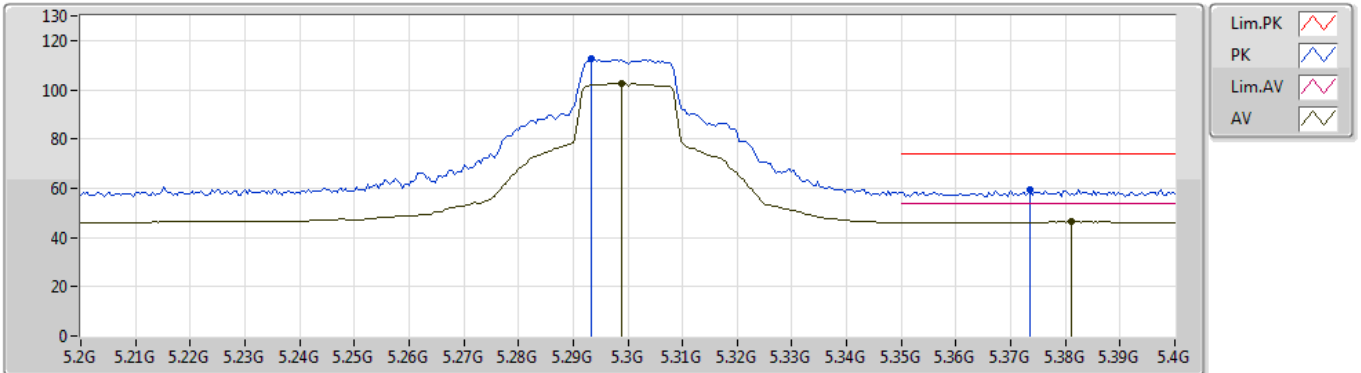
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Setting 20
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.78066G	64.52	74.00	-9.48	13.53	3	Horizontal	173	1.71	-	50.99			
AV	15.77952G	49.68	54.00	-4.32	13.53	3	Horizontal	173	1.71	-	36.15			

802.11a_Nss1,(6Mbps)_1TX

24/09/2019

5300MHz_TX



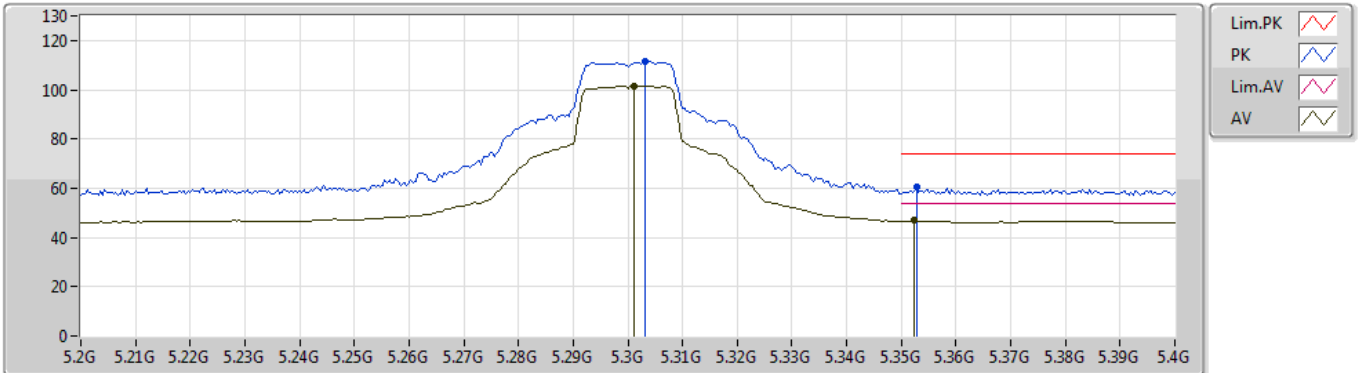
EUT_Z_1TX
Setting 16
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.2932G	112.53	Inf	-Inf	5.78	3	Vertical	2	2.76	-	106.75			
AV	5.2988G	102.57	Inf	-Inf	5.79	3	Vertical	2	2.76	-	96.78			
PK	5.3736G	59.40	74.00	-14.60	5.82	3	Vertical	2	2.76	-	53.58			
AV	5.3812G	46.48	54.00	-7.52	5.83	3	Vertical	2	2.76	-	40.65			

802.11a_Nss1,(6Mbps)_1TX

24/09/2019

5300MHz_TX



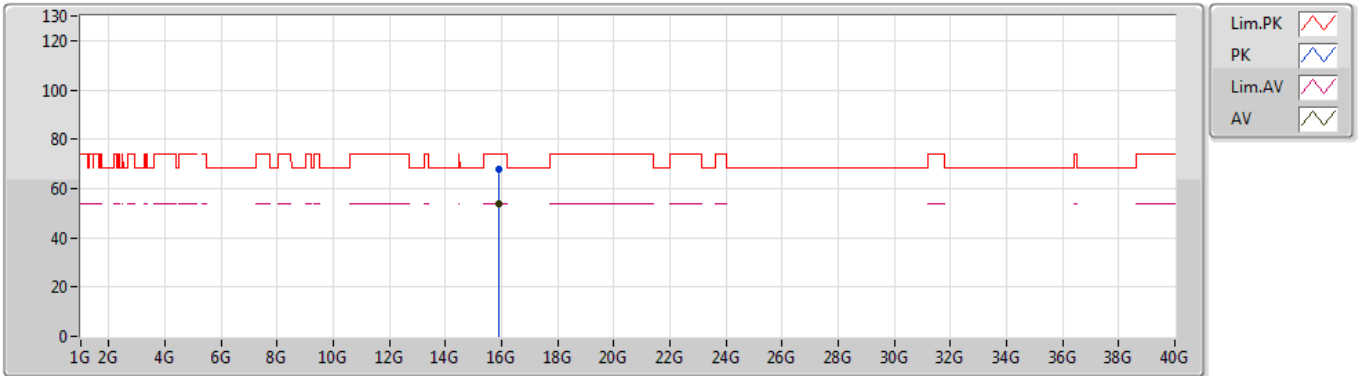
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Setting 16
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3032G	111.33	Inf	-Inf	5.79	3	Horizontal	211	2.13	-	105.54
AV	5.3012G	101.47	Inf	-Inf	5.79	3	Horizontal	211	2.13	-	95.68
PK	5.3528G	60.32	74.00	-13.68	5.81	3	Horizontal	211	2.13	-	54.51
AV	5.3524G	46.86	54.00	-7.14	5.81	3	Horizontal	211	2.13	-	41.05

802.11a_Nss1,(6Mbps)_1TX

24/09/2019

5300MHz_TX



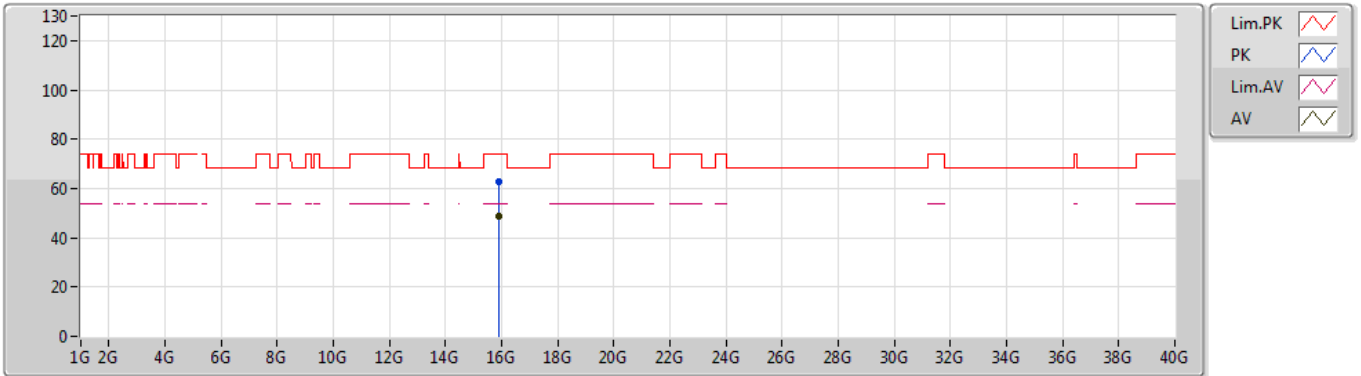
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Setting 16
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.9027G	67.81	74.00	-6.19	13.09	3	Vertical	203	2.04	-	54.72			
AV	15.89904G	53.79	54.00	-0.21	13.10	3	Vertical	203	2.04	-	40.69			

802.11a_Nss1,(6Mbps)_1TX

24/09/2019

5300MHz_TX



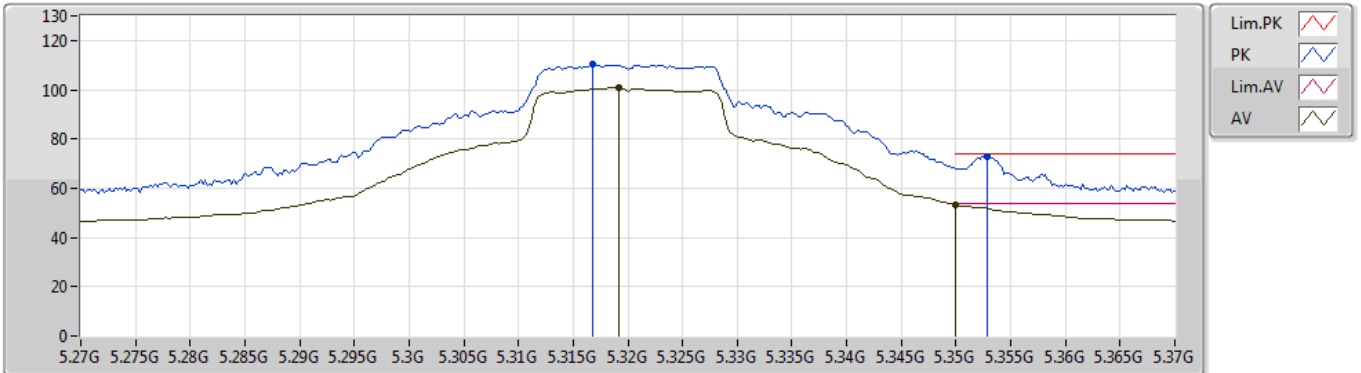
EUT Z_1TX
Setting 16
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.90282G	62.73	74.00	-11.27	13.09	3	Horizontal	182	1.70	-	49.64			
AV	15.89946G	48.76	54.00	-5.24	13.10	3	Horizontal	182	1.70	-	35.66			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5320MHz_TX



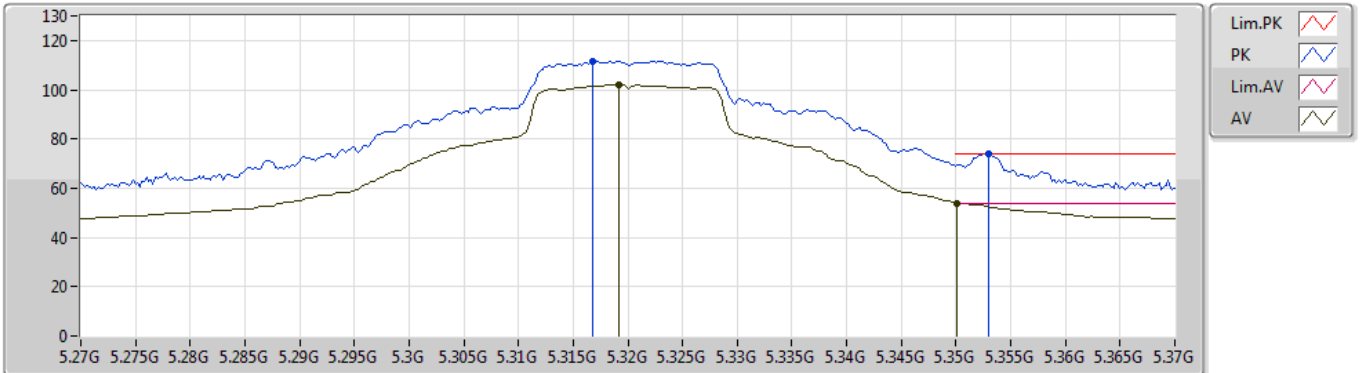
EUT_Z_1TX
Setting 13
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3168G	110.39	Inf	-Inf	5.80	3	Vertical	351	2.99	-	104.59
AV	5.3192G	100.75	Inf	-Inf	5.80	3	Vertical	351	2.99	-	94.95
PK	5.3528G	73.00	74.00	-1.00	5.81	3	Vertical	351	2.99	-	67.19
AV	5.35G	53.15	54.00	-0.85	5.81	3	Vertical	351	2.99	-	47.34

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5320MHz_TX



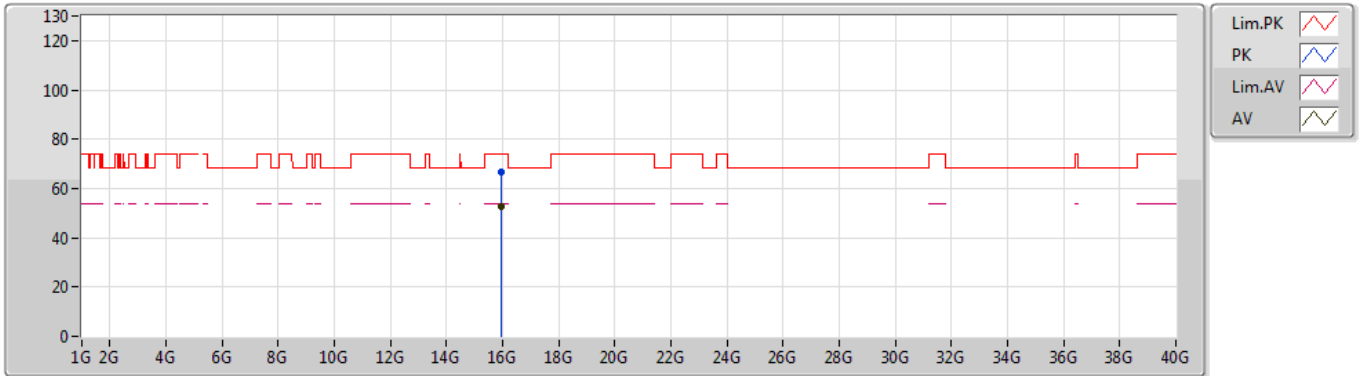
EUT_Z_1TX
Setting 13
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3168G	111.61	Inf	-Inf	5.80	3	Horizontal	217	2.81	-	105.81			
AV	5.3192G	102.10	Inf	-Inf	5.80	3	Horizontal	217	2.81	-	96.30			
PK	5.353G	73.95	74.00	-0.05	5.81	3	Horizontal	217	2.81	-	68.14			
AV	5.3501G	53.98	54.00	-0.02	5.81	3	Horizontal	217	2.81	-	48.17			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5320MHz_TX



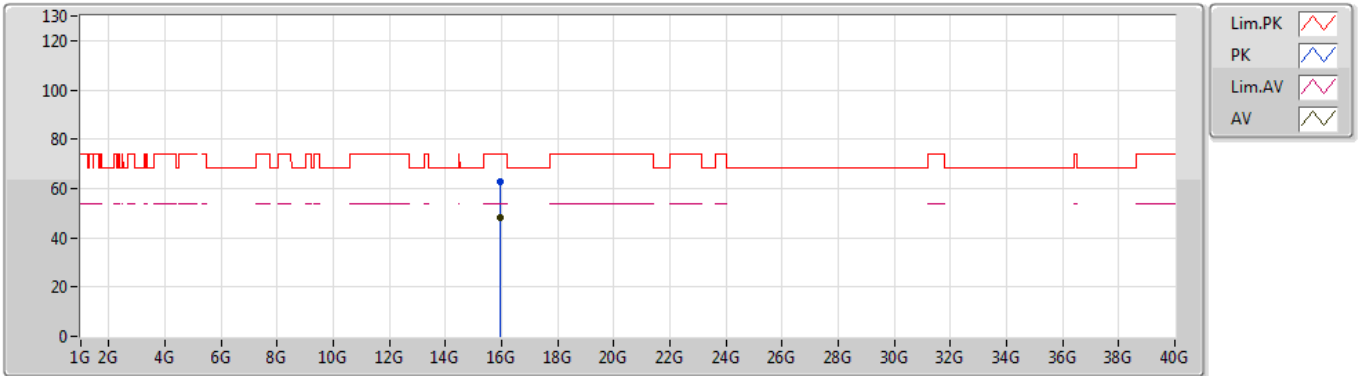
EUT_Z_1TX
Setting 13
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.96144G	66.65	74.00	-7.35	12.88	3	Vertical	195	1.69	-	53.77			
AV	15.95976G	52.48	54.00	-1.52	12.88	3	Vertical	195	1.69	-	39.60			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5320MHz_TX



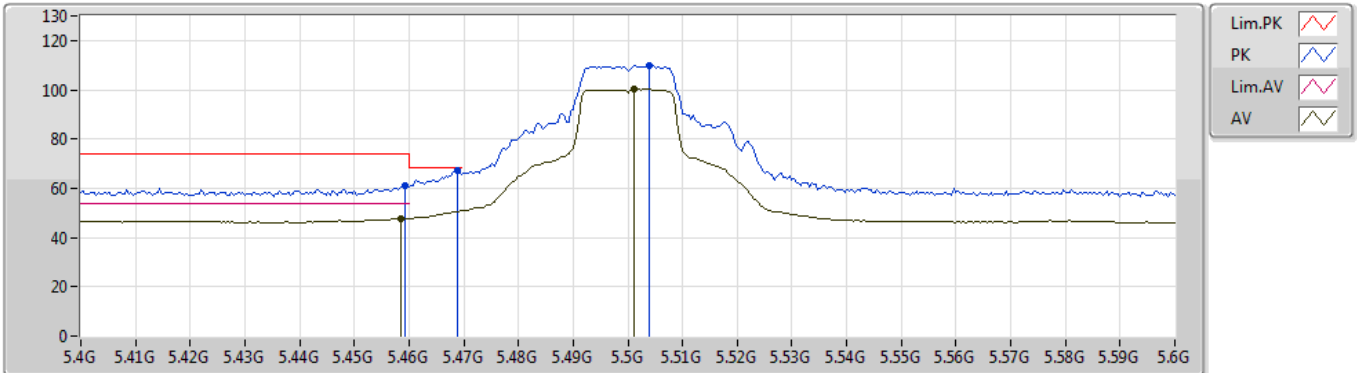
EUT_Z_1TX
Setting 13
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.95994G	62.52	74.00	-11.48	12.88	3	Horizontal	183	1.71	-	49.64			
AV	15.95934G	48.24	54.00	-5.76	12.88	3	Horizontal	183	1.71	-	35.36			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5500MHz_TX



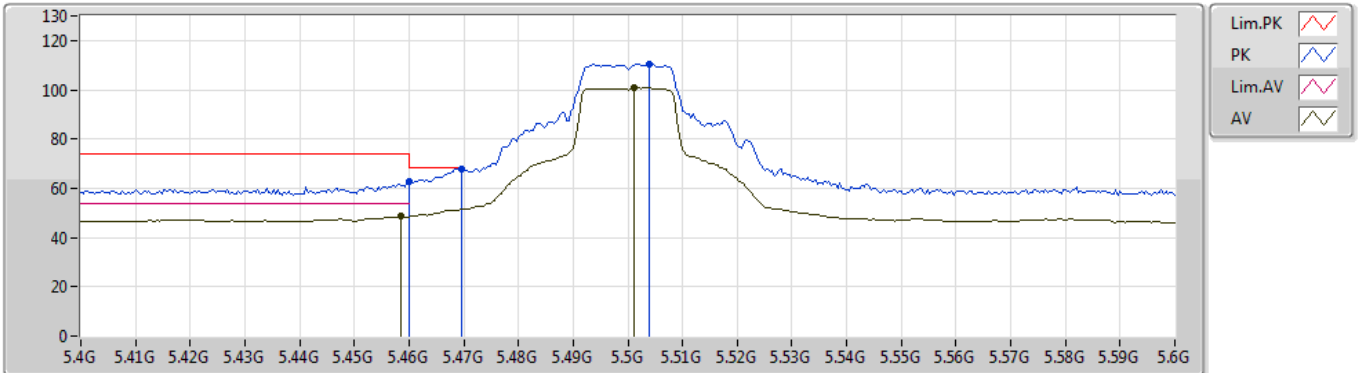
EUT_Z_1TX
Setting 10
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4592G	61.03	74.00	-12.97	6.01	3	Vertical	358	2.96	-	55.02			
AV	5.4584G	47.69	54.00	-6.31	6.01	3	Vertical	358	2.96	-	41.68			
PK	5.4688G	67.17	68.20	-1.03	6.03	3	Vertical	358	2.96	-	61.14			
PK	5.504G	109.78	Inf	-Inf	6.13	3	Vertical	358	2.96	-	103.65			
AV	5.5012G	100.17	Inf	-Inf	6.12	3	Vertical	358	2.96	-	94.05			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5500MHz_TX



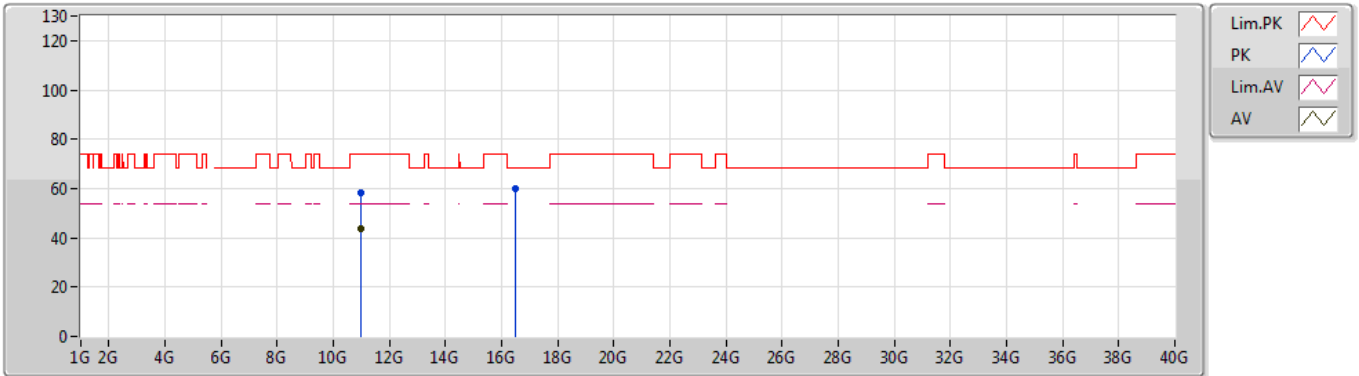
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Setting 10
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.46G	62.93	74.00	-11.07	6.01	3	Horizontal	220	2.16	-	56.92			
AV	5.4584G	48.62	54.00	-5.38	6.01	3	Horizontal	220	2.16	-	42.61			
PK	5.4696G	67.93	68.20	-0.27	6.04	3	Horizontal	220	2.16	-	61.89			
PK	5.504G	110.44	Inf	-Inf	6.13	3	Horizontal	220	2.16	-	104.31			
AV	5.5012G	100.78	Inf	-Inf	6.12	3	Horizontal	220	2.16	-	94.66			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5500MHz_TX



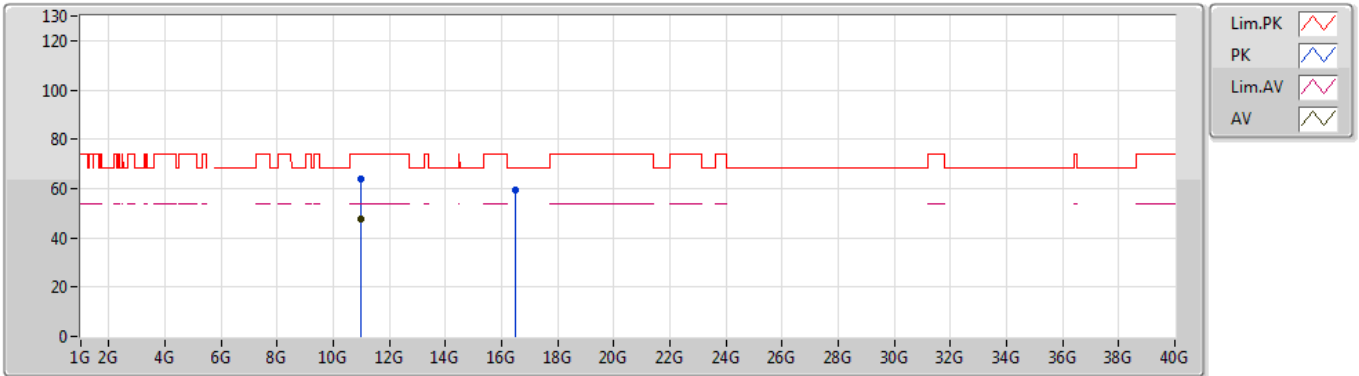
EUT_Z_1TX
Setting 10
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11G	58.40	74.00	-15.60	12.74	3	Vertical	321	2.99	-	45.66			
AV	11.00108G	43.74	54.00	-10.26	12.74	3	Vertical	321	2.99	-	31.00			
PK	16.49946G	59.89	68.20	-8.31	14.43	3	Vertical	78	2.56	-	45.46			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5500MHz_TX



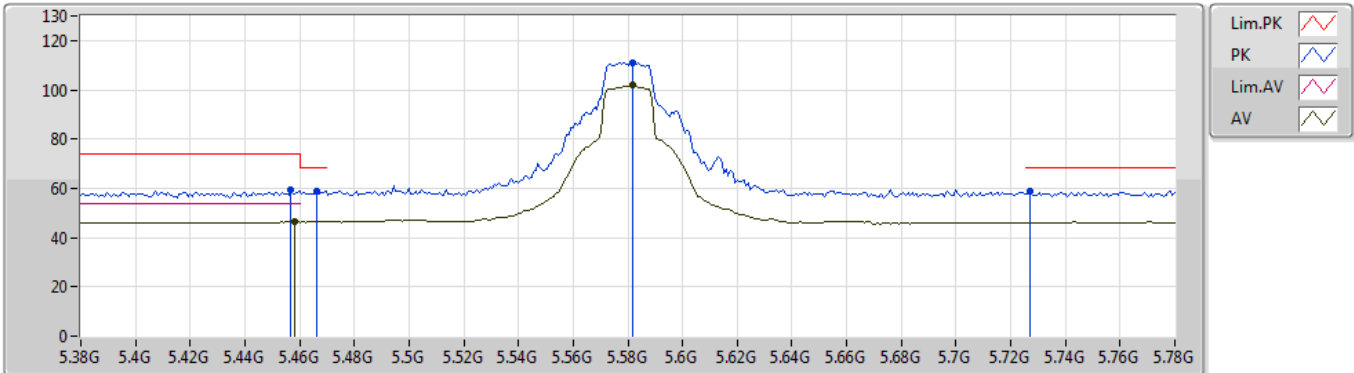
EUT_Z_1TX
Setting 10
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.00006G	63.69	74.00	-10.31	12.74	3	Horizontal	267	1.89	-	50.95			
AV	11.0021G	47.74	54.00	-6.26	12.74	3	Horizontal	267	1.89	-	35.00			
PK	16.49454G	59.34	68.20	-8.86	14.42	3	Horizontal	207	1.50	-	44.92			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5580MHz_TX



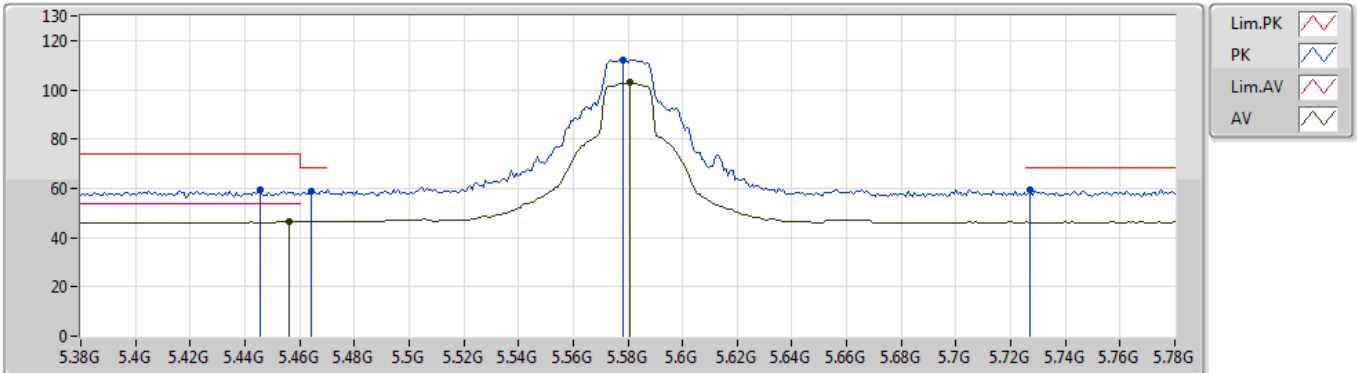
EUT Z_1TX
Setting 17
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4568G	59.29	74.00	-14.71	6.00	3	Vertical	360	2.99	-	53.29			
AV	5.4584G	46.37	54.00	-7.63	6.01	3	Vertical	360	2.99	-	40.36			
PK	5.4664G	58.72	68.20	-9.48	6.03	3	Vertical	360	2.99	-	52.69			
PK	5.5816G	111.04	Inf	-Inf	6.16	3	Vertical	360	2.99	-	104.88			
AV	5.5816G	101.72	Inf	-Inf	6.16	3	Vertical	360	2.99	-	95.56			
PK	5.7272G	58.92	68.20	-9.28	5.88	3	Vertical	360	2.99	-	53.04			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5580MHz_TX



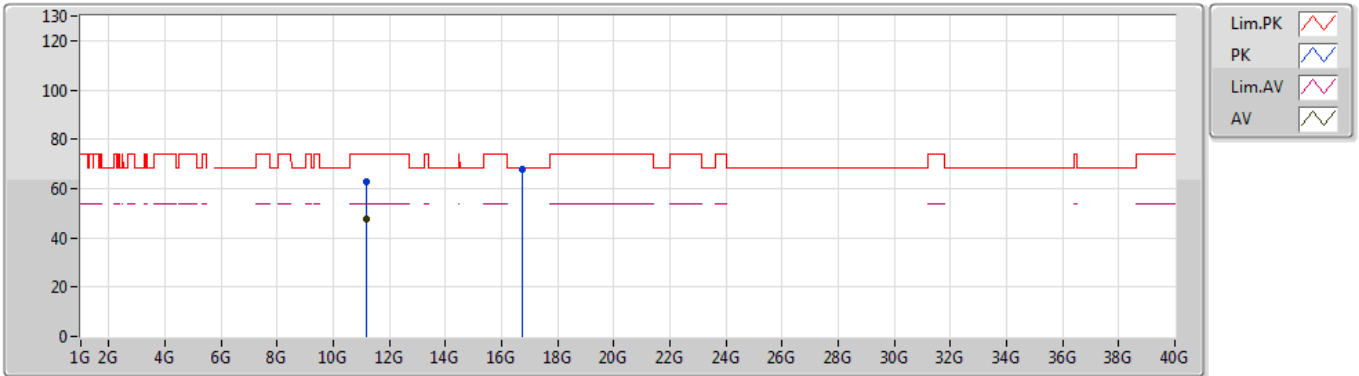
EUT Z_1TX
Setting 17
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4456G	59.18	74.00	-14.82	5.97	3	Horizontal	220	2.10	-	53.21			
PK	5.464G	58.85	68.20	-9.35	6.02	3	Horizontal	220	2.10	-	52.83			
AV	5.456G	46.37	54.00	-7.63	6.00	3	Horizontal	220	2.10	-	40.37			
PK	5.5784G	112.34	Inf	-Inf	6.16	3	Horizontal	220	2.10	-	106.18			
AV	5.5808G	102.85	Inf	-Inf	6.16	3	Horizontal	220	2.10	-	96.69			
PK	5.7272G	59.25	68.20	-8.95	5.88	3	Horizontal	220	2.10	-	53.37			

802.11a_Nss1,(6Mbps)_1TX

21/09/2019

5580MHz_TX



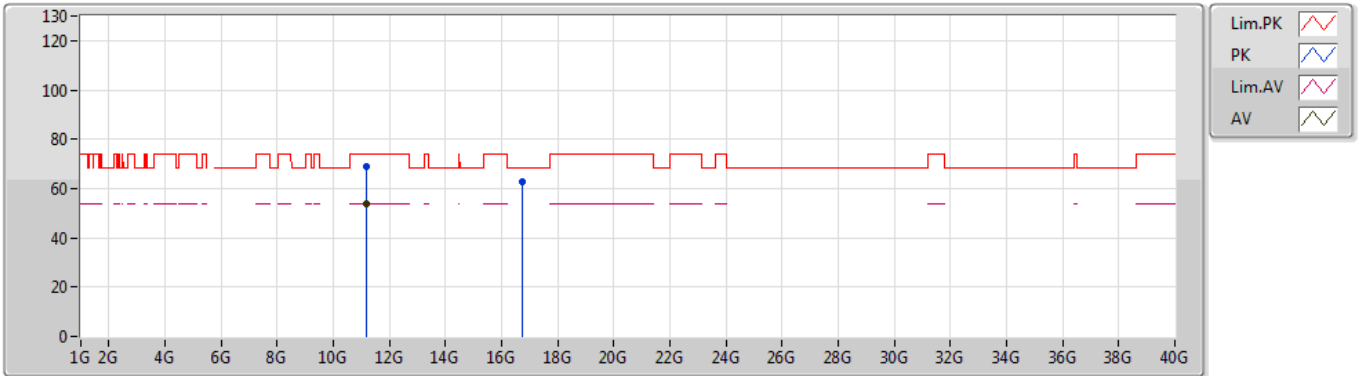
EUT_Z_1TX
Setting 17
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.16234G	62.57	74.00	-11.43	12.82	3	Vertical	316	2.92	-	49.75			
AV	11.16024G	47.86	54.00	-6.14	12.82	3	Vertical	316	2.92	-	35.04			
PK	16.7406G	68.05	68.20	-0.15	15.25	3	Vertical	186	1.73	-	52.80			

802.11a_Nss1,(6Mbps)_1TX

21/09/2019

5580MHz_TX



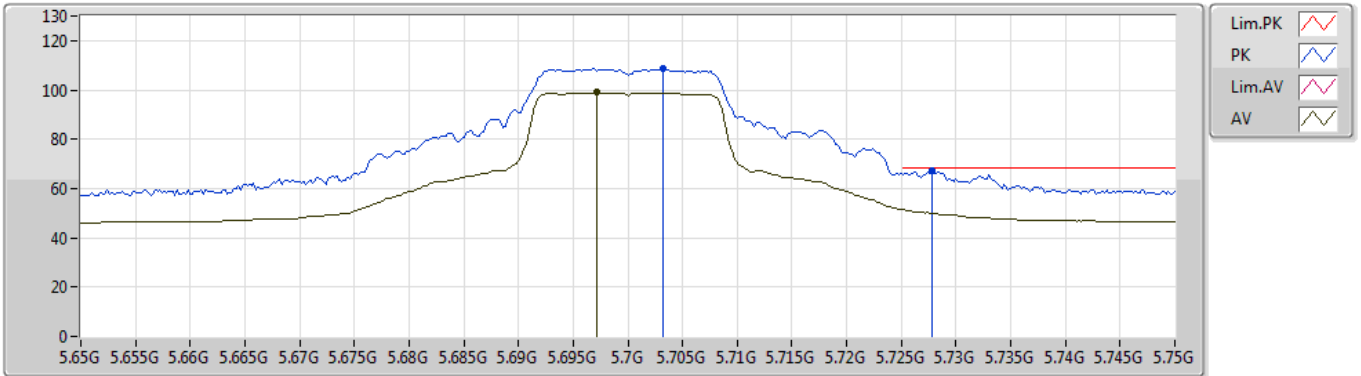
EUT_Z_1TX
Setting 17
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.16252G	68.89	74.00	-5.11	12.82	3	Horizontal	272	1.87	-	56.07			
AV	11.1621G	53.77	54.00	-0.23	12.82	3	Horizontal	272	1.87	-	40.95			
PK	16.7406G	62.82	68.20	-5.38	15.25	3	Horizontal	248	1.50	-	47.57			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5700MHz_TX



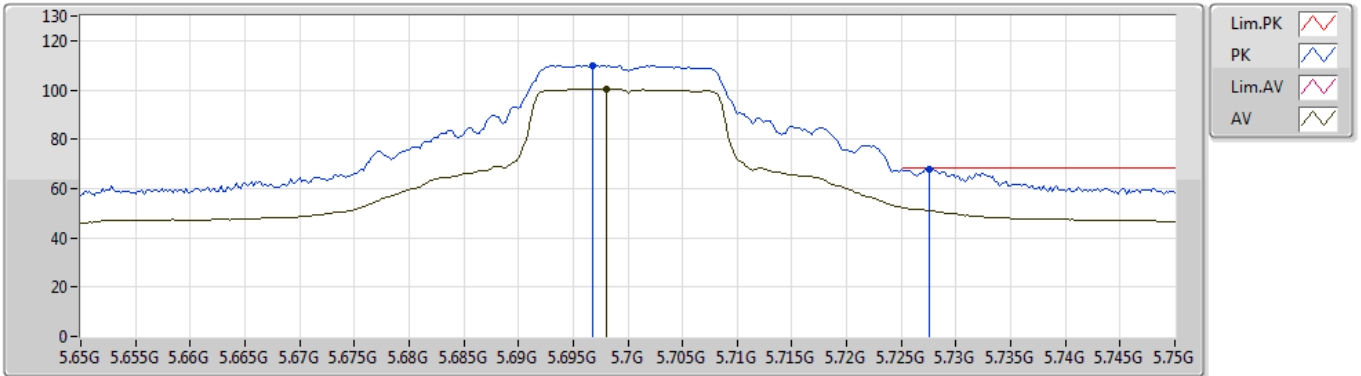
EUT Z_1TX
Setting 10
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.7032G	108.59	Inf	-Inf	5.93	3	Vertical	2	2.78	-	102.66			
AV	5.6972G	98.92	Inf	-Inf	5.93	3	Vertical	2	2.78	-	92.99			
PK	5.7278G	67.28	68.20	-0.92	5.88	3	Vertical	2	2.78	-	61.40			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5700MHz_TX



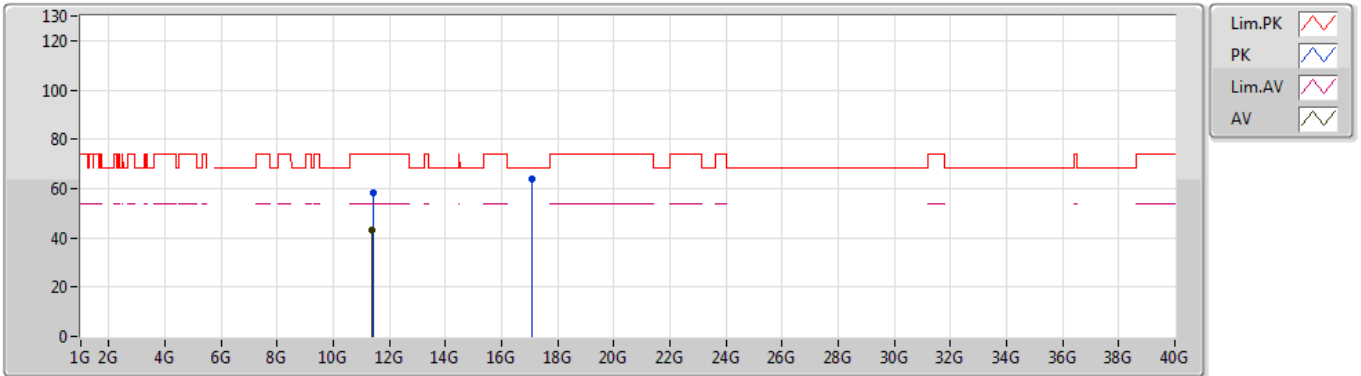
EUT_Z_1TX
Setting 10
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6968G	109.96	Inf	-Inf	5.93	3	Horizontal	223	2.20	-	104.03			
AV	5.698G	100.49	Inf	-Inf	5.93	3	Horizontal	223	2.20	-	94.56			
PK	5.7276G	67.92	68.20	-0.28	5.88	3	Horizontal	223	2.20	-	62.04			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5700MHz_TX



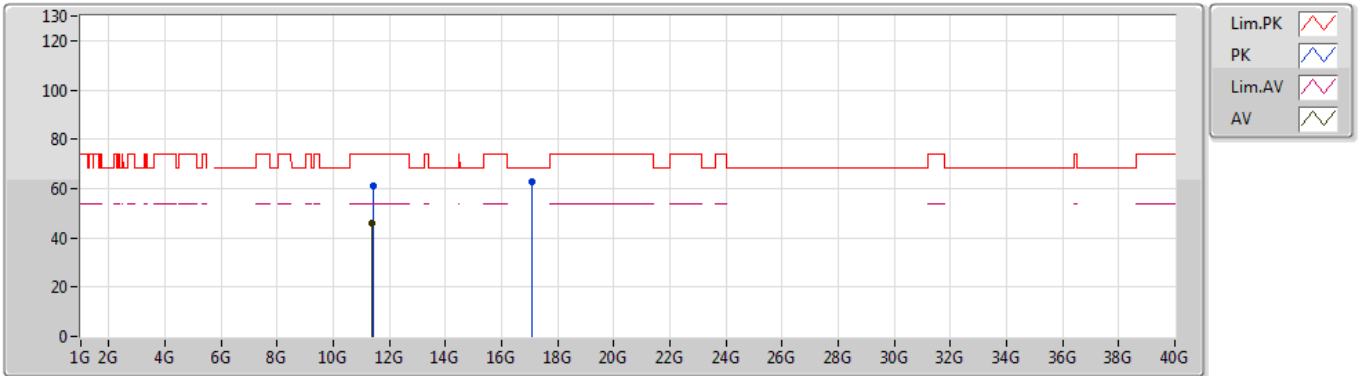
EUT_Z_1TX
Setting 10
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.40318G	58.39	74.00	-15.61	12.96	3	Vertical	309	1.83	-	45.43			
AV	11.39808G	43.41	54.00	-10.59	12.96	3	Vertical	309	1.83	-	30.45			
PK	17.10216G	63.98	68.20	-4.22	16.65	3	Vertical	240	1.66	-	47.33			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5700MHz_TX



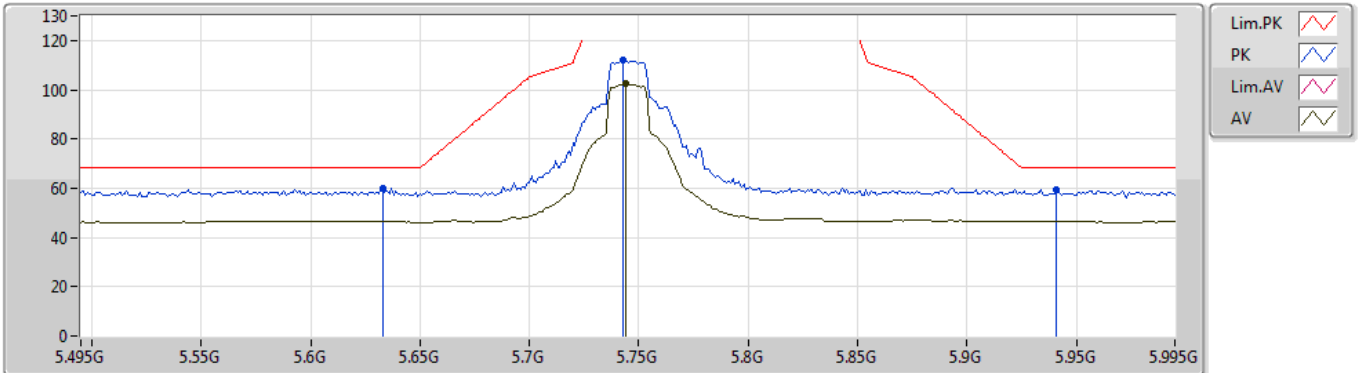
EUT_Z_1TX
Setting 10
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.40198G	61.05	74.00	-12.95	12.96	3	Horizontal	107	1.83	-	48.09			
AV	11.39808G	45.79	54.00	-8.21	12.96	3	Horizontal	107	1.83	-	32.83			
PK	17.09976G	62.59	68.20	-5.61	16.65	3	Horizontal	214	1.68	-	45.94			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5745MHz_TX



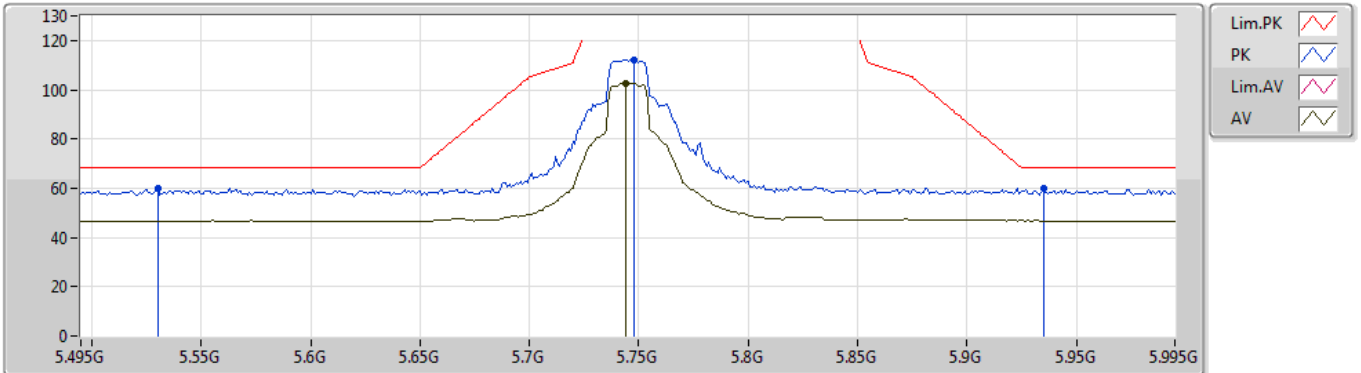
EUT_Z_1TX
Setting 1A
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.633G	60.05	68.20	-8.15	6.10	3	Vertical	1	2.99	-	53.95
PK	5.743G	111.86	Inf	-Inf	5.86	3	Vertical	1	2.99	-	106.00
AV	5.744G	102.27	Inf	-Inf	5.86	3	Vertical	1	2.99	-	96.41
PK	5.941G	59.32	68.20	-8.88	6.20	3	Vertical	1	2.99	-	53.12

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5745MHz_TX



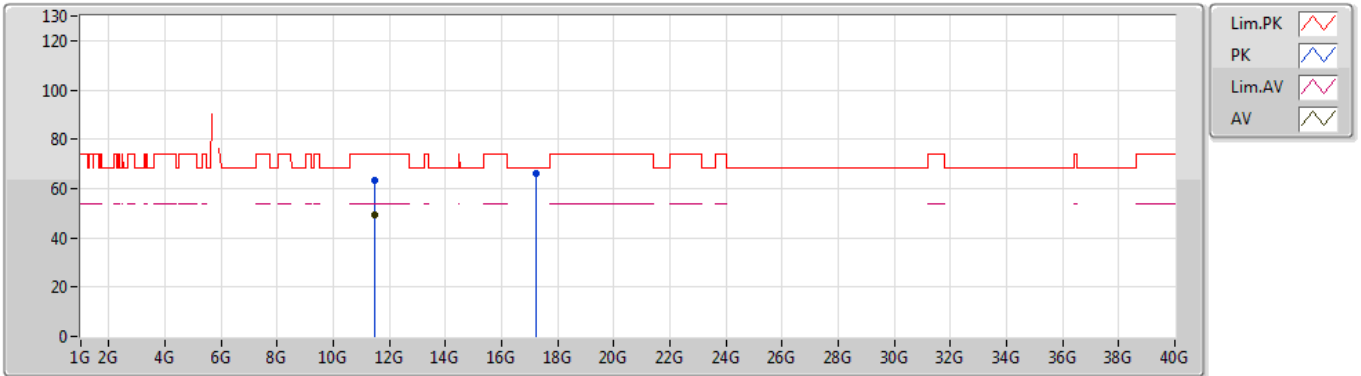
EUT_Z_1TX
Setting 1A
03-W-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.53G	59.87	68.20	-8.33	6.14	3	Horizontal	224	2.71	-	53.73
PK	5.748G	112.10	Inf	-Inf	5.86	3	Horizontal	224	2.71	-	106.24
AV	5.744G	102.75	Inf	-Inf	5.86	3	Horizontal	224	2.71	-	96.89
PK	5.935G	59.85	68.20	-8.35	6.18	3	Horizontal	224	2.71	-	53.67

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5745MHz_TX



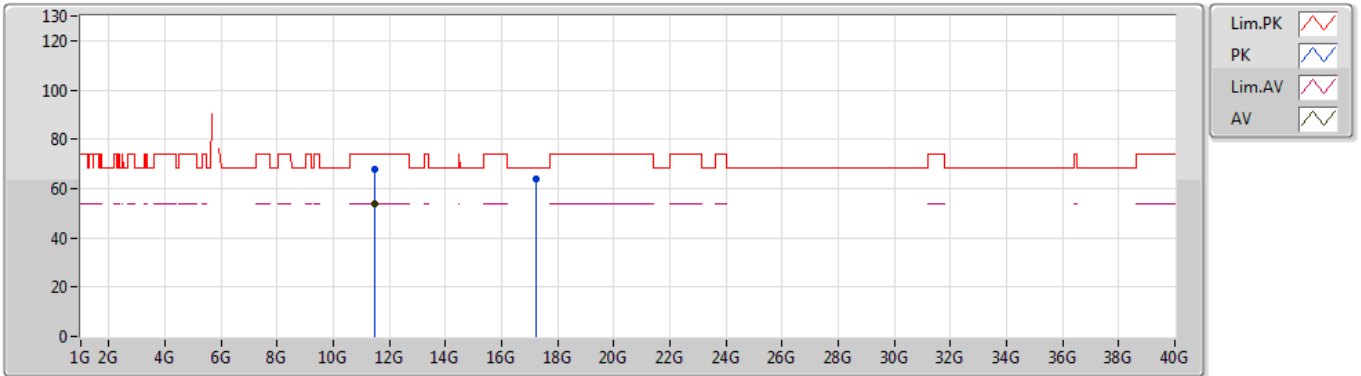
EUT_Z_1TX
Setting 1A
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.49044G	63.39	74.00	-10.61	13.00	3	Vertical	246	1.01	-	50.39			
AV	11.49024G	49.29	54.00	-4.71	13.00	3	Vertical	246	1.01	-	36.29			
PK	17.23684G	65.94	68.20	-2.26	17.34	3	Vertical	238	1.63	-	48.60			

802.11a_Nss1,(6Mbps)_1TX

19/09/2019

5745MHz_TX



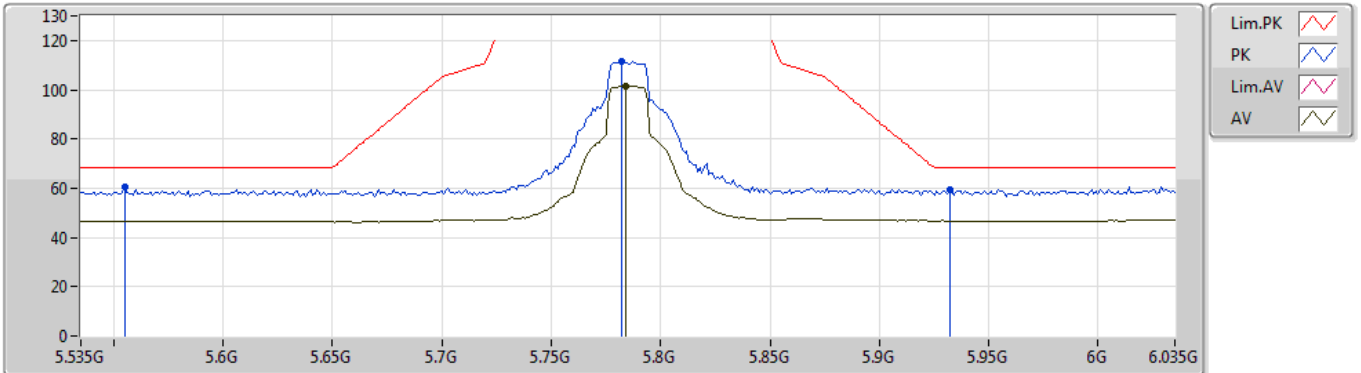
EUT_Z_1TX
Setting 1A
03-W-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.49186G	68.04	74.00	-5.96	13.00	3	Horizontal	244	1.84	-	55.04			
AV	11.49018G	53.97	54.00	-0.03	13.00	3	Horizontal	244	1.84	-	40.97			
PK	17.23842G	63.72	68.20	-4.48	17.35	3	Horizontal	251	1.59	-	46.37			

802.11a_Nss1,(6Mbps)_1TX

20/09/2019

5785MHz_TX



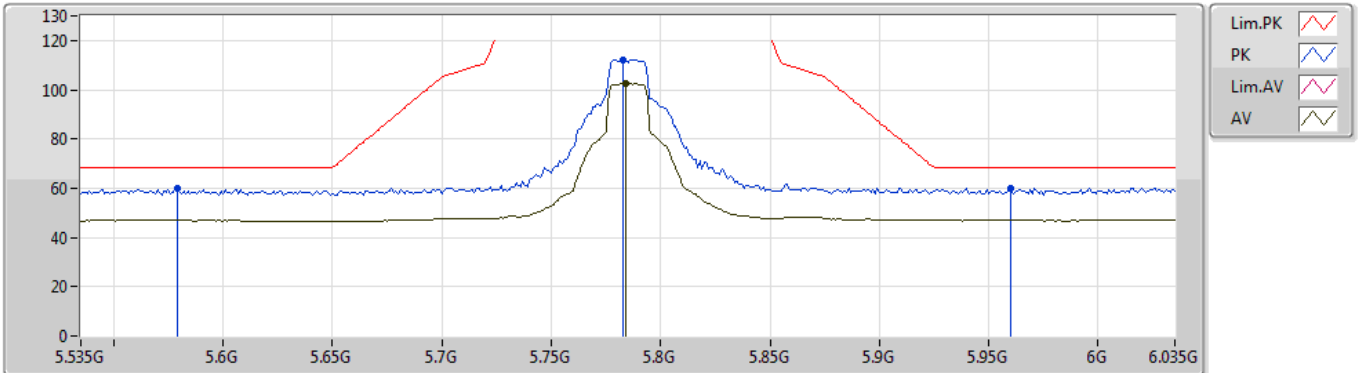
EUT_Z_1TX
Setting 18
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.555G	60.38	68.20	-7.82	6.15	3	Vertical	358	2.72	-	54.23
PK	5.782G	111.44	Inf	-Inf	5.80	3	Vertical	358	2.72	-	105.64
AV	5.784G	101.52	Inf	-Inf	5.80	3	Vertical	358	2.72	-	95.72
PK	5.932G	59.32	68.20	-8.88	6.18	3	Vertical	358	2.72	-	53.14

802.11a_Nss1,(6Mbps)_1TX

20/09/2019

5785MHz_TX



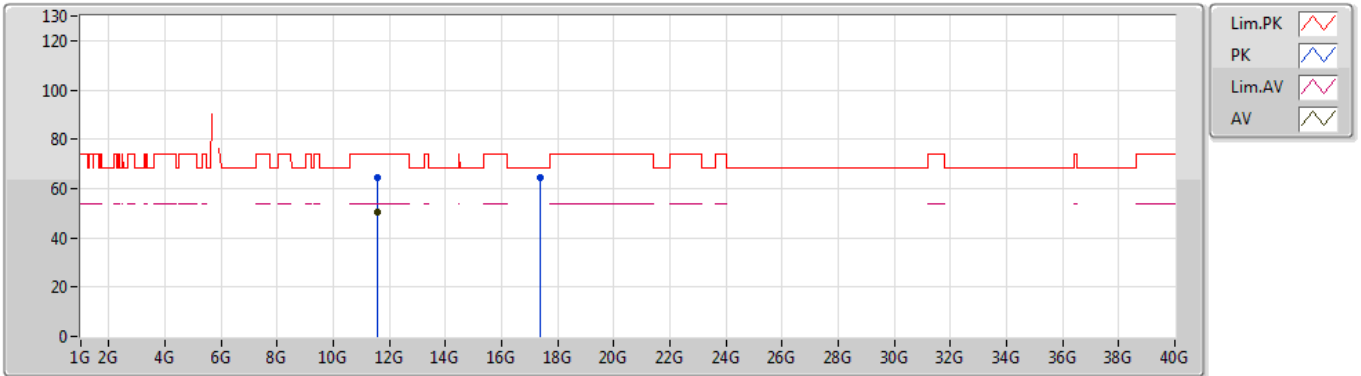
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Setting 18
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.579G	59.83	68.20	-8.37	6.16	3	Horizontal	222	2.71	-	53.67
PK	5.783G	112.11	Inf	-Inf	5.80	3	Horizontal	222	2.71	-	106.31
AV	5.784G	102.40	Inf	-Inf	5.80	3	Horizontal	222	2.71	-	96.60
PK	5.96G	60.16	68.20	-8.04	6.27	3	Horizontal	222	2.71	-	53.89

802.11a_Nss1,(6Mbps)_1TX

20/09/2019

5785MHz_TX



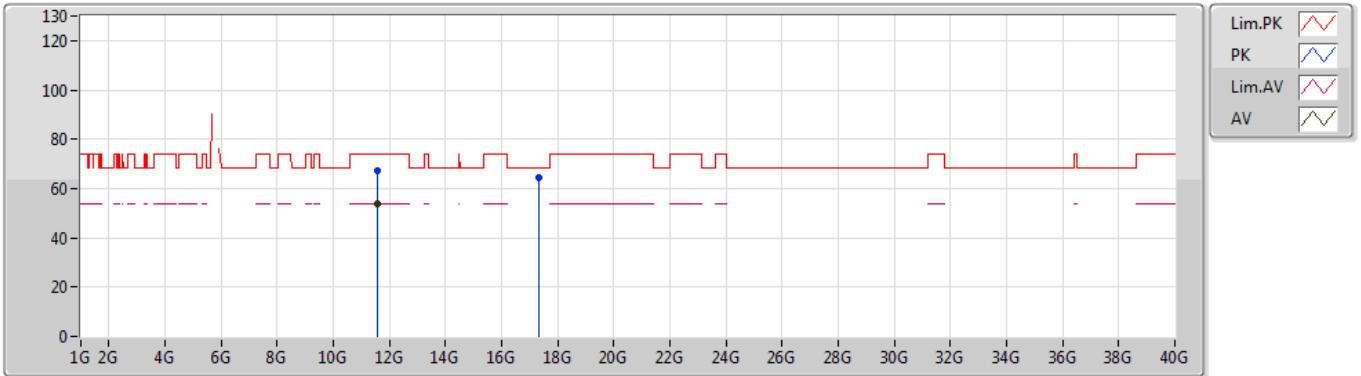
EUT Z_1TX
Setting 18
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.57196G	64.50	74.00	-9.50	13.04	3	Vertical	308	1.78	-	51.46			
AV	11.57016G	50.57	54.00	-3.43	13.04	3	Vertical	308	1.78	-	37.53			
PK	17.35628G	64.61	68.20	-3.59	17.96	3	Vertical	202	1.50	-	46.65			

802.11a_Nss1,(6Mbps)_1TX

20/09/2019

5785MHz_TX



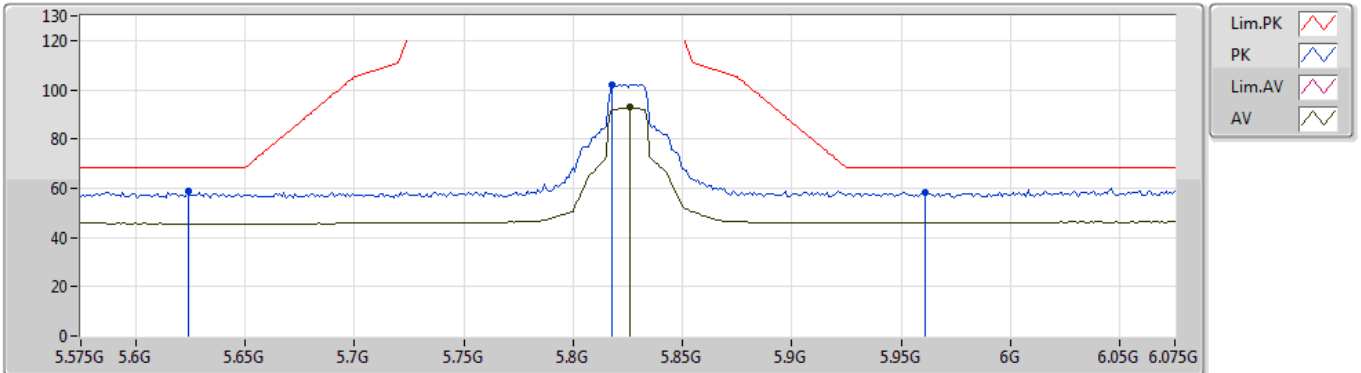
EUT_Z_1TX
Setting 18
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.5718G	67.33	74.00	-6.67	13.04	3	Horizontal	105	1.81	-	54.29			
AV	11.57016G	53.57	54.00	-0.43	13.04	3	Horizontal	105	1.81	-	40.53			
PK	17.34768G	64.39	68.20	-3.81	17.91	3	Horizontal	356	1.76	-	46.48			

802.11a_Nss1,(6Mbps)_1TX

20/09/2019

5825MHz_TX



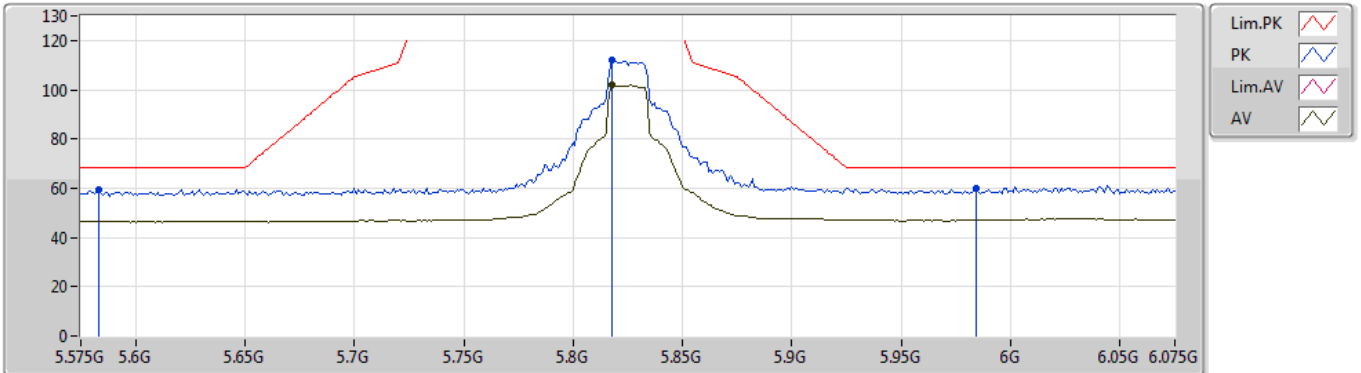
EUT_Z_1TX
Setting 18
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.624G	58.74	68.20	-9.46	6.12	3	Vertical	270	1.20	-	52.62			
PK	5.818G	102.22	Inf	-Inf	5.83	3	Vertical	270	1.20	-	96.39			
AV	5.826G	92.76	Inf	-Inf	5.85	3	Vertical	270	1.20	-	86.91			
PK	5.961G	58.24	68.20	-9.96	6.27	3	Vertical	270	1.20	-	51.97			

802.11a_Nss1,(6Mbps)_1TX

20/09/2019

5825MHz_TX



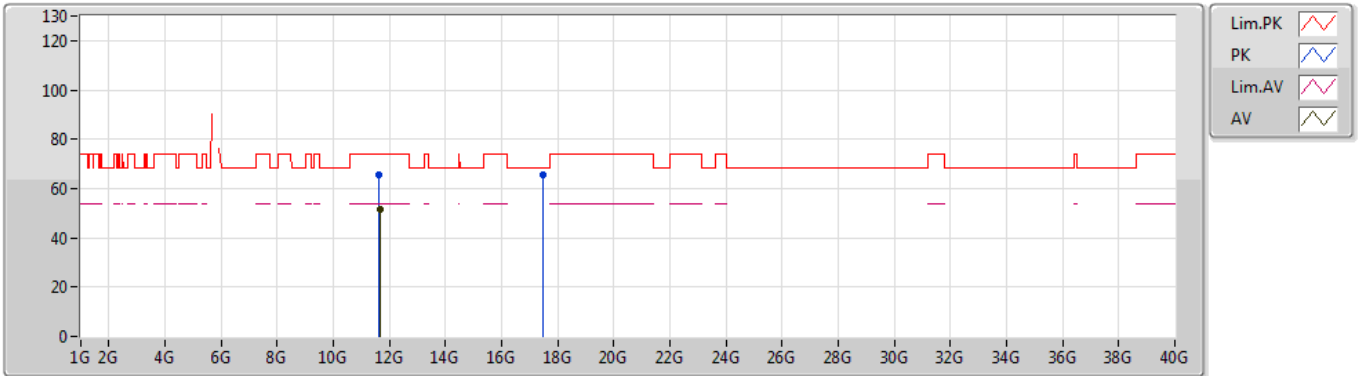
EUT_Z_1TX
Setting 18
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.583G	59.38	68.20	-8.82	6.16	3	Horizontal	116	2.33	-	53.22			
PK	5.818G	111.90	Inf	-Inf	5.83	3	Horizontal	116	2.33	-	106.07			
AV	5.818G	101.78	Inf	-Inf	5.83	3	Horizontal	116	2.33	-	95.95			
PK	5.984G	59.93	68.20	-8.27	6.36	3	Horizontal	116	2.33	-	53.57			

802.11a_Nss1,(6Mbps)_1TX

20/09/2019

5825MHz_TX



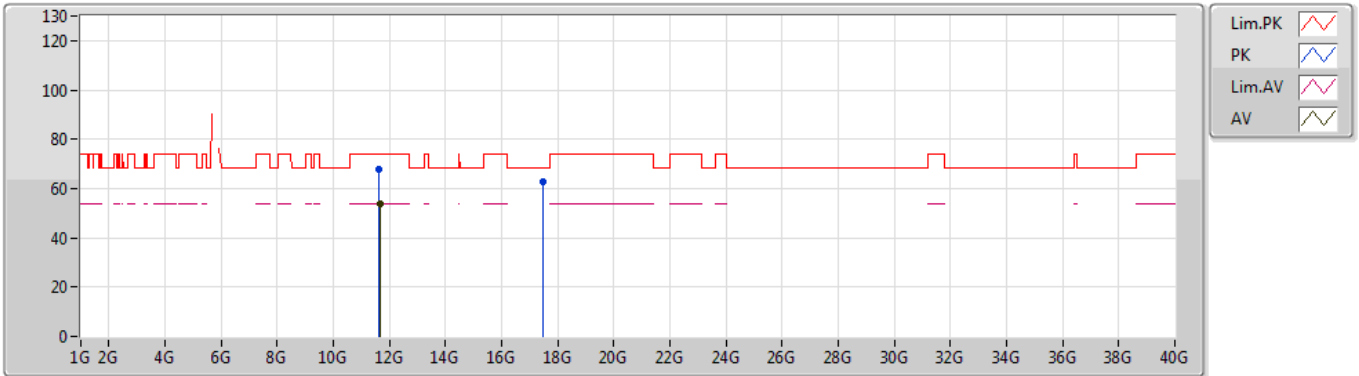
EUT Z_1TX
Setting 18
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.64648G	65.64	74.00	-8.36	13.08	3	Vertical	308	1.86	-	52.56			
AV	11.65012G	51.43	54.00	-2.57	13.09	3	Vertical	308	1.86	-	38.34			
PK	17.4824G	65.61	68.20	-2.59	18.60	3	Vertical	295	1.66	-	47.01			

802.11a_Nss1,(6Mbps)_1TX

20/09/2019

5825MHz_TX



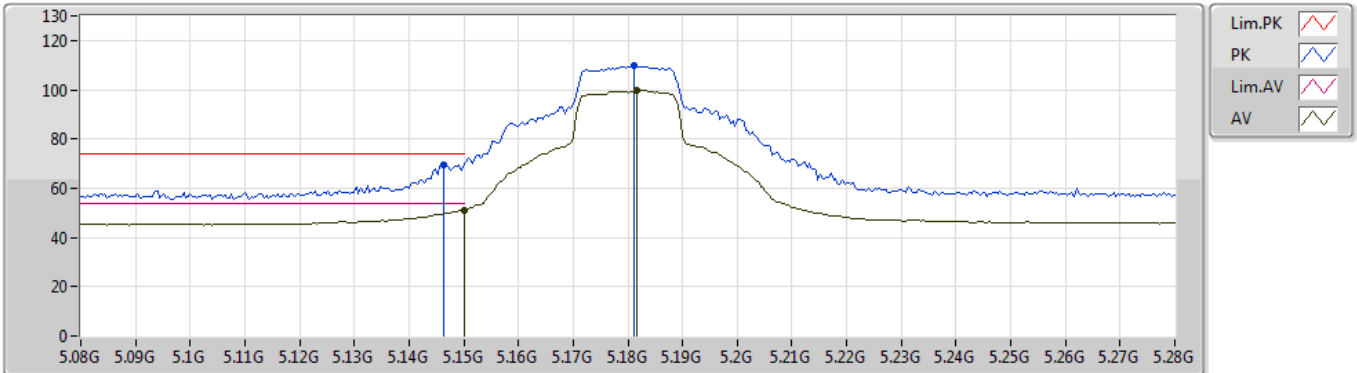
EUT Z_1TX
Setting 18
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.64644G	67.90	74.00	-6.10	13.08	3	Horizontal	115	1.86	-	54.82			
AV	11.65016G	53.74	54.00	-0.26	13.09	3	Horizontal	115	1.86	-	40.65			
PK	17.47304G	62.97	68.20	-5.23	18.55	3	Horizontal	338	1.50	-	44.42			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5180MHz_TX



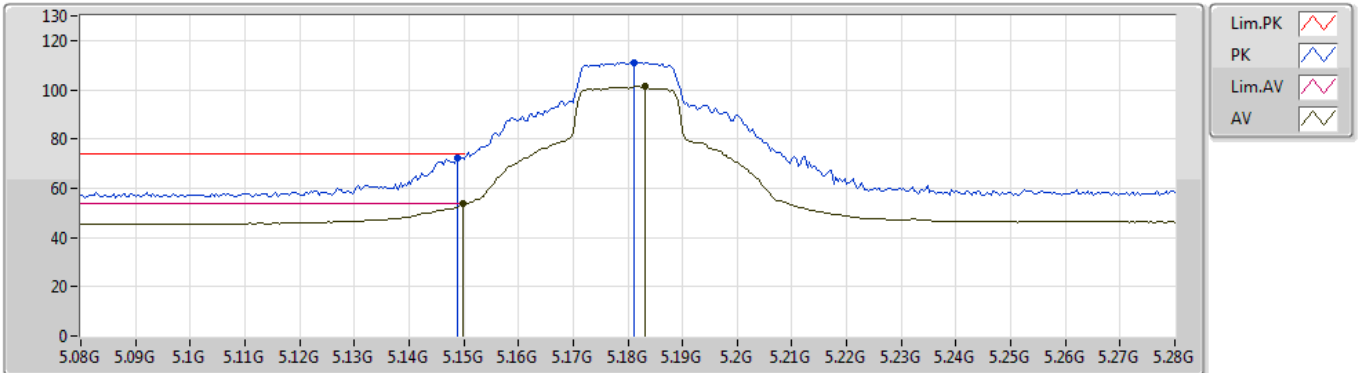
EUT_Z_1TX
Setting 13
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1464G	69.62	74.00	-4.38	5.50	3	Vertical	4	2.86	-	64.12			
AV	5.15G	51.26	54.00	-2.74	5.50	3	Vertical	4	2.86	-	45.76			
PK	5.1812G	109.59	Inf	-Inf	5.58	3	Vertical	4	2.86	-	104.01			
AV	5.1816G	99.68	Inf	-Inf	5.59	3	Vertical	4	2.86	-	94.09			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5180MHz_TX



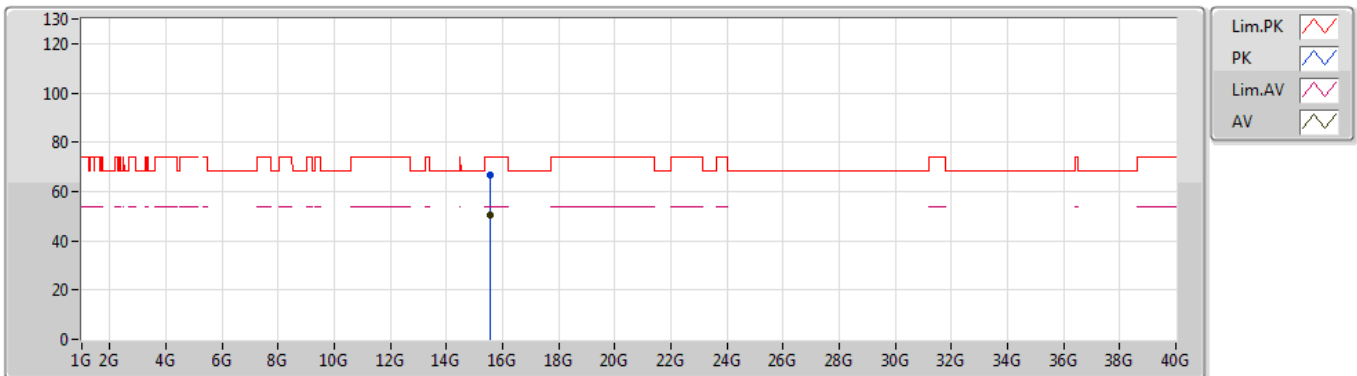
EUT_Z_1TX
Setting 13
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1488G	72.25	74.00	-1.75	5.50	3	Horizontal	130	2.86	-	66.75			
AV	5.1499G	53.53	54.00	-0.47	5.50	3	Horizontal	130	2.86	-	48.03			
PK	5.1812G	111.15	Inf	-Inf	5.58	3	Horizontal	130	2.86	-	105.57			
AV	5.1832G	101.25	Inf	-Inf	5.59	3	Horizontal	130	2.86	-	95.66			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5180MHz_TX



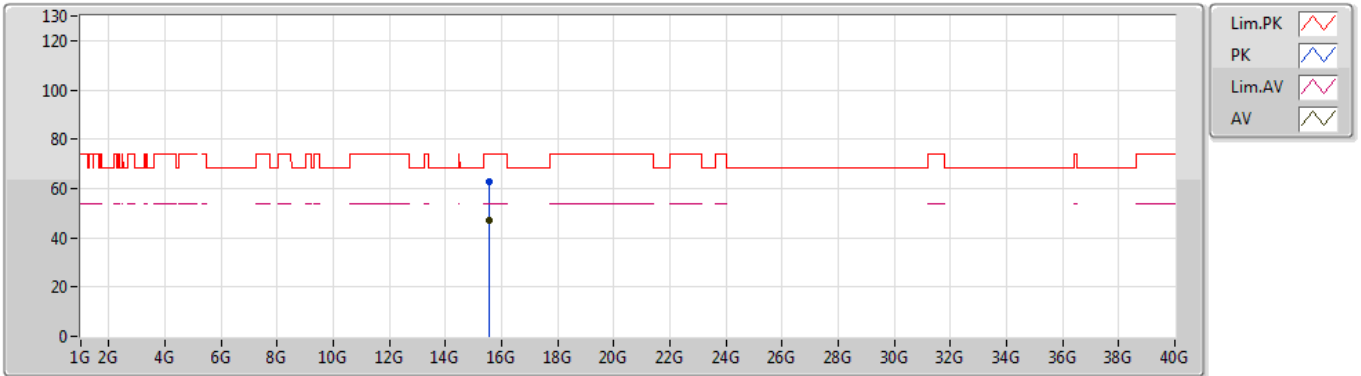
EUT_Z_1TX
Setting 13
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.54672G	66.45	74.00	-7.55	14.37	3	Vertical	229	2.07	-	52.08			
AV	15.54424G	50.38	54.00	-3.62	14.39	3	Vertical	229	2.07	-	35.99			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5180MHz_TX



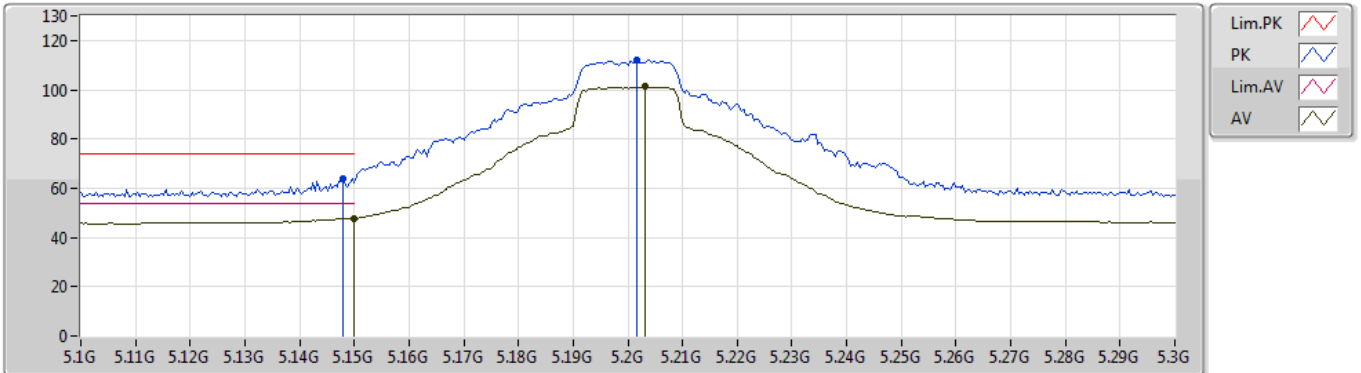
EUT_Z_1TX
Setting 13
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.54244G	62.80	74.00	-11.20	14.39	3	Horizontal	187	1.50	-	48.41			
AV	15.54448G	47.28	54.00	-6.72	14.39	3	Horizontal	187	1.50	-	32.89			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5200MHz_TX



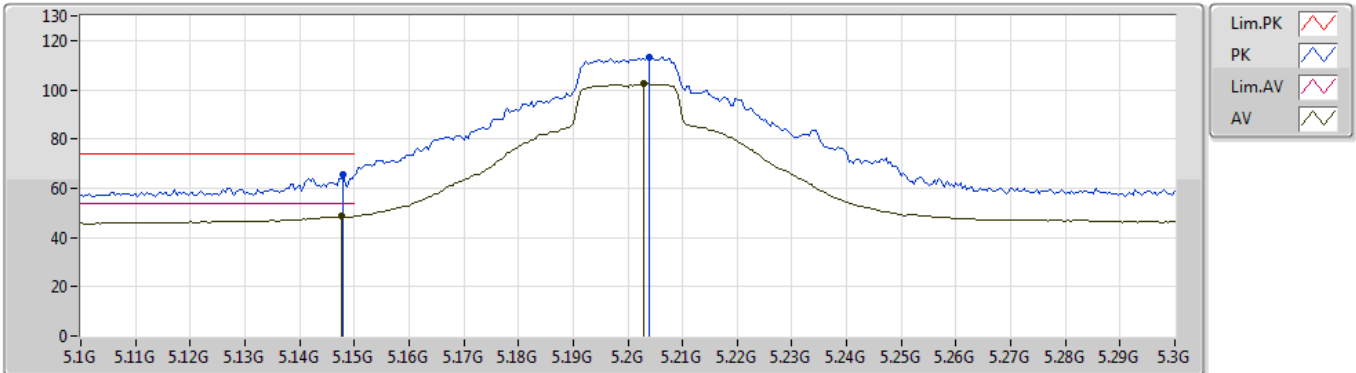
EUT_Z_1TX
Setting 1C
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.148G	63.98	74.00	-10.02	5.50	3	Vertical	360	2.98	-	58.48			
AV	5.15G	47.78	54.00	-6.22	5.50	3	Vertical	360	2.98	-	42.28			
PK	5.2016G	111.97	Inf	-Inf	5.64	3	Vertical	360	2.98	-	106.33			
AV	5.2032G	101.37	Inf	-Inf	5.65	3	Vertical	360	2.98	-	95.72			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5200MHz_TX



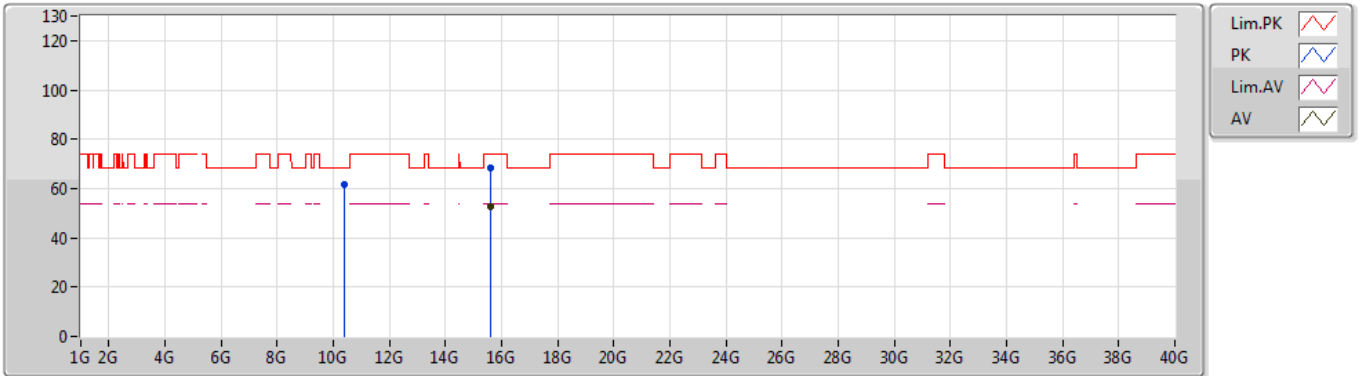
EUT_Z_1TX
Setting 1C
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.148G	65.43	74.00	-8.57	5.50	3	Horizontal	225	2.96	-	59.93			
AV	5.1476G	48.48	54.00	-5.52	5.50	3	Horizontal	225	2.96	-	42.98			
PK	5.204G	113.03	Inf	-Inf	5.65	3	Horizontal	225	2.96	-	107.38			
AV	5.2028G	102.54	Inf	-Inf	5.65	3	Horizontal	225	2.96	-	96.89			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5200MHz_TX



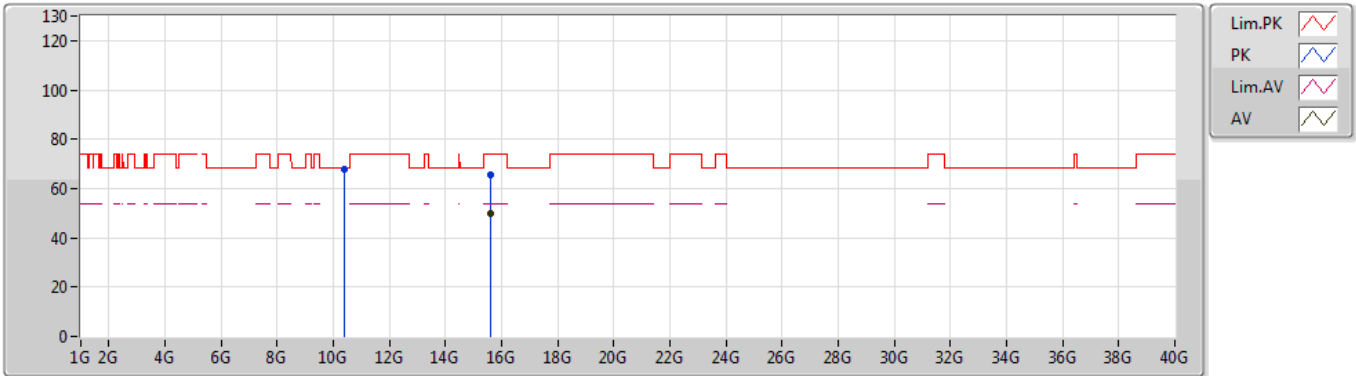
EUT_Z_1TX
Setting 1C
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.39932G	61.72	68.20	-6.48	12.22	3	Vertical	225	2.99	-	49.50			
PK	15.60668G	68.39	74.00	-5.61	14.16	3	Vertical	200	1.57	-	54.23			
AV	15.60304G	52.67	54.00	-1.33	14.18	3	Vertical	200	1.57	-	38.49			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5200MHz_TX



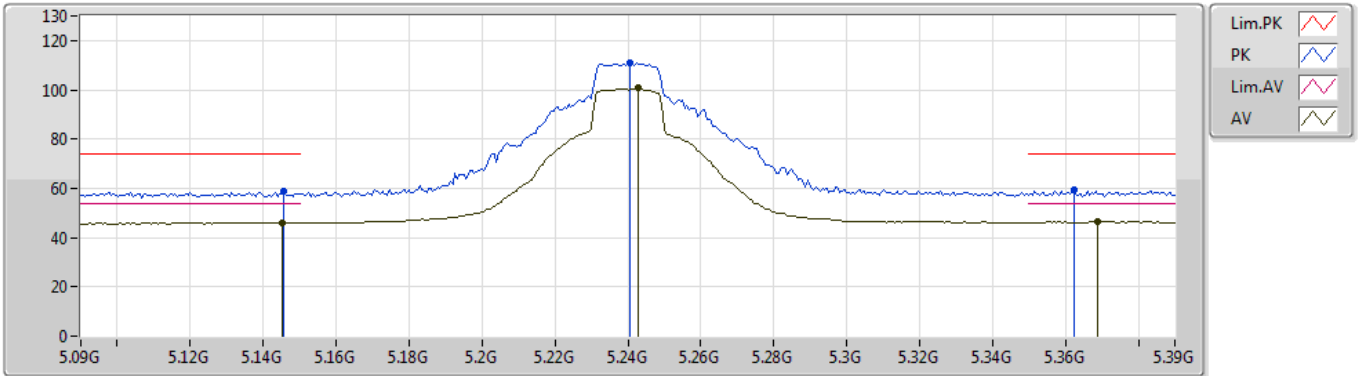
EUT_Z_1TX
Setting 1C
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.3992G	67.77	68.20	-0.43	12.22	3	Horizontal	297	1.93	-	55.55			
PK	15.59564G	65.50	74.00	-8.50	14.19	3	Horizontal	187	1.72	-	51.31			
AV	15.60304G	50.07	54.00	-3.93	14.18	3	Horizontal	187	1.72	-	35.89			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5240MHz_TX



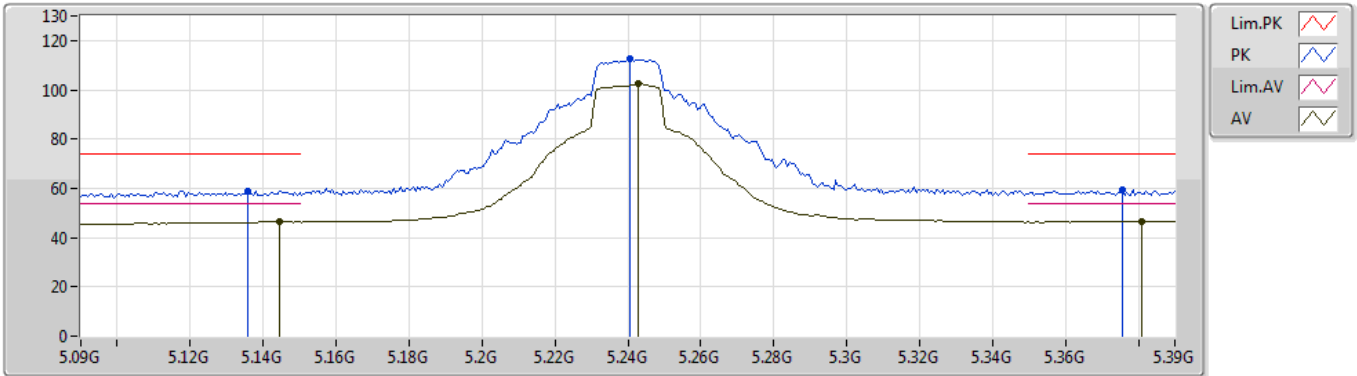
EUT Z_1TX
Setting 19
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1458G	58.76	74.00	-15.24	5.50	3	Vertical	360	2.80	-	53.26			
AV	5.1452G	45.95	54.00	-8.05	5.50	3	Vertical	360	2.80	-	40.45			
PK	5.2406G	111.01	Inf	-Inf	5.70	3	Vertical	360	2.80	-	105.31			
AV	5.243G	100.77	Inf	-Inf	5.71	3	Vertical	360	2.80	-	95.06			
PK	5.3624G	59.18	74.00	-14.82	5.82	3	Vertical	360	2.80	-	53.36			
AV	5.369G	46.38	54.00	-7.62	5.82	3	Vertical	360	2.80	-	40.56			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5240MHz_TX



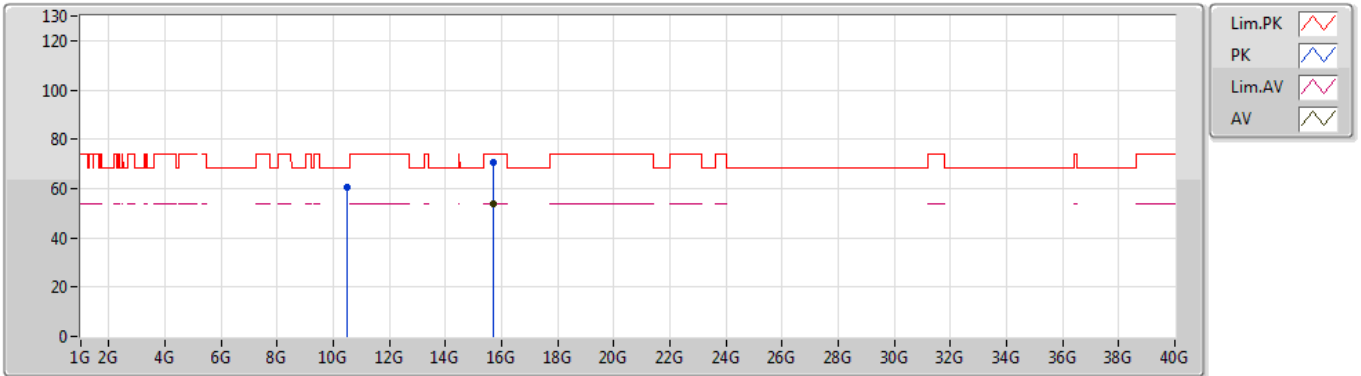
EUT Z_1TX
Setting 19
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.1356G	58.96	74.00	-15.04	5.47	3	Horizontal	226	2.90	-	53.49
AV	5.1446G	46.55	54.00	-7.45	5.48	3	Horizontal	226	2.90	-	41.07
PK	5.2406G	112.40	Inf	-Inf	5.70	3	Horizontal	226	2.90	-	106.70
AV	5.243G	102.43	Inf	-Inf	5.71	3	Horizontal	226	2.90	-	96.72
PK	5.3756G	59.63	74.00	-14.37	5.83	3	Horizontal	226	2.90	-	53.80
AV	5.381G	46.66	54.00	-7.34	5.83	3	Horizontal	226	2.90	-	40.83

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5240MHz_TX



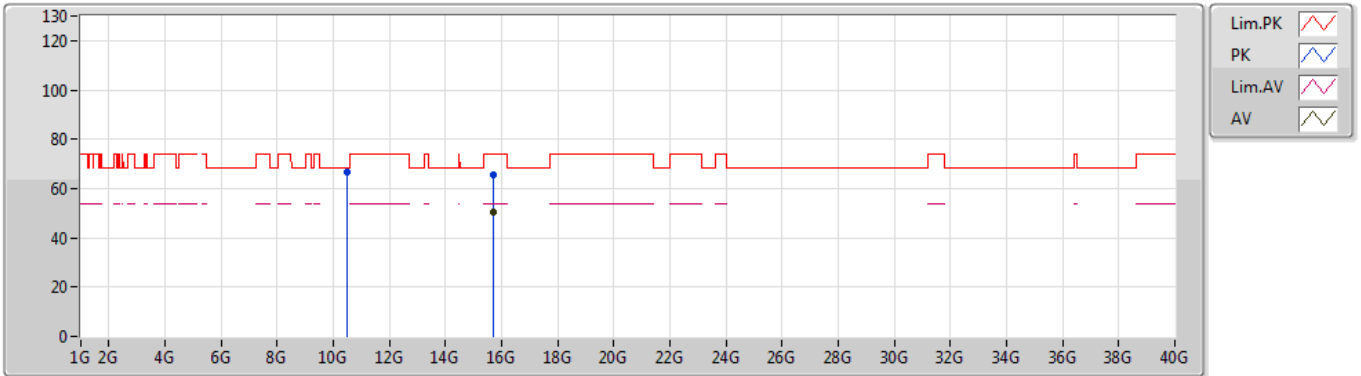
EUT_Z_1TX
Setting 19
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.4794G	60.49	68.20	-7.71	12.30	3	Vertical	226	2.82	-	48.19			
PK	15.72676G	70.39	74.00	-3.61	13.72	3	Vertical	205	1.76	-	56.67			
AV	15.71624G	53.79	54.00	-0.21	13.76	3	Vertical	205	1.76	-	40.03			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5240MHz_TX



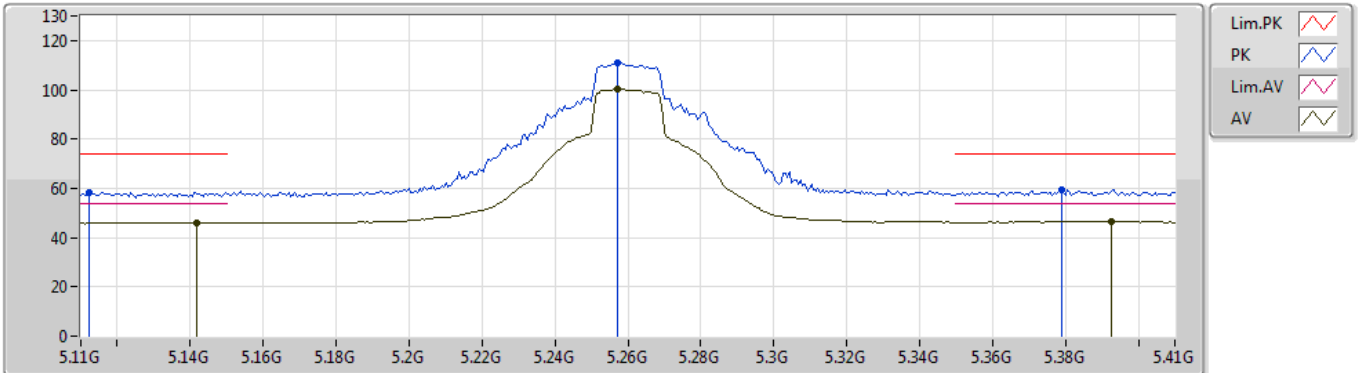
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Setting 19
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.47912G	66.75	68.20	-1.45	12.30	3	Horizontal	44	1.82	-	54.45			
PK	15.72704G	65.61	74.00	-8.39	13.72	3	Horizontal	184	1.70	-	51.89			
AV	15.71636G	50.23	54.00	-3.77	13.76	3	Horizontal	184	1.70	-	36.47			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5260MHz_TX



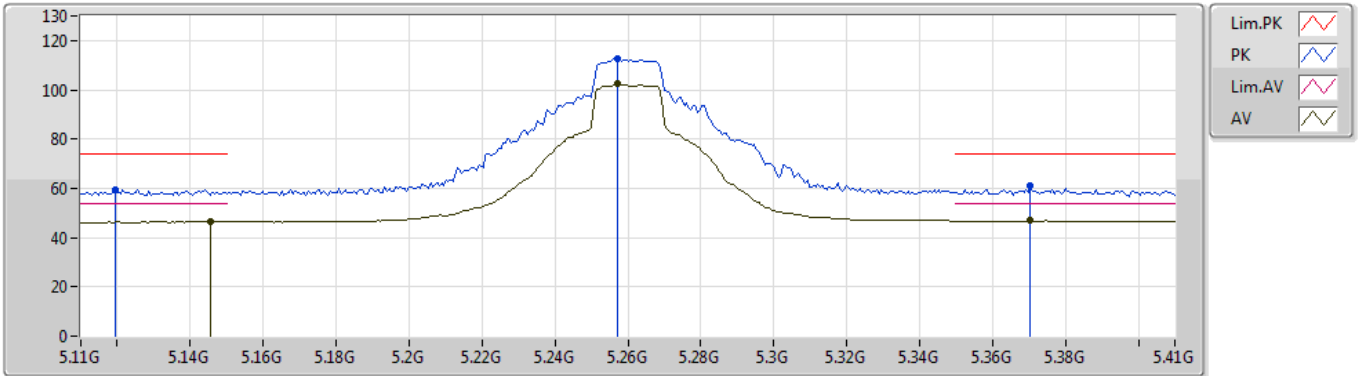
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Setting 18
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1124G	58.40	74.00	-15.60	5.39	3	Vertical	353	2.93	-	53.01			
AV	5.1418G	46.07	54.00	-7.93	5.48	3	Vertical	353	2.93	-	40.59			
PK	5.257G	110.69	Inf	-Inf	5.72	3	Vertical	353	2.93	-	104.97			
AV	5.257G	100.51	Inf	-Inf	5.72	3	Vertical	353	2.93	-	94.79			
PK	5.3788G	59.61	74.00	-14.39	5.83	3	Vertical	353	2.93	-	53.78			
AV	5.3926G	46.58	54.00	-7.42	5.83	3	Vertical	353	2.93	-	40.75			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5260MHz_TX



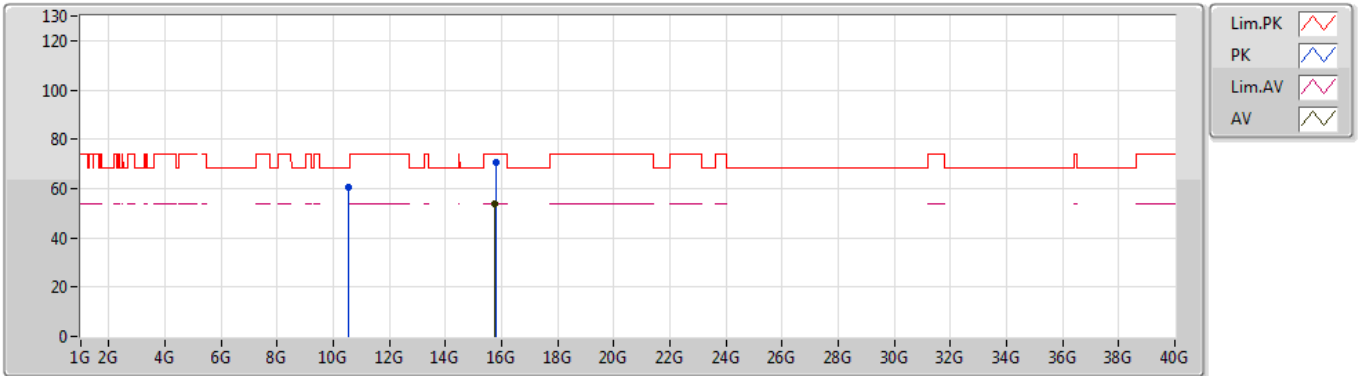
EUT Z_1TX
Setting 18
03-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.1196G	59.44	74.00	-14.56	5.42	3	Horizontal	126	2.89	-	54.02
AV	5.1454G	46.56	54.00	-7.44	5.50	3	Horizontal	126	2.89	-	41.06
PK	5.257G	112.53	Inf	-Inf	5.72	3	Horizontal	126	2.89	-	106.81
AV	5.257G	102.27	Inf	-Inf	5.72	3	Horizontal	126	2.89	-	96.55
PK	5.3704G	60.96	74.00	-13.04	5.82	3	Horizontal	126	2.89	-	55.14
AV	5.3704G	46.83	54.00	-7.17	5.82	3	Horizontal	126	2.89	-	41.01

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5260MHz_TX



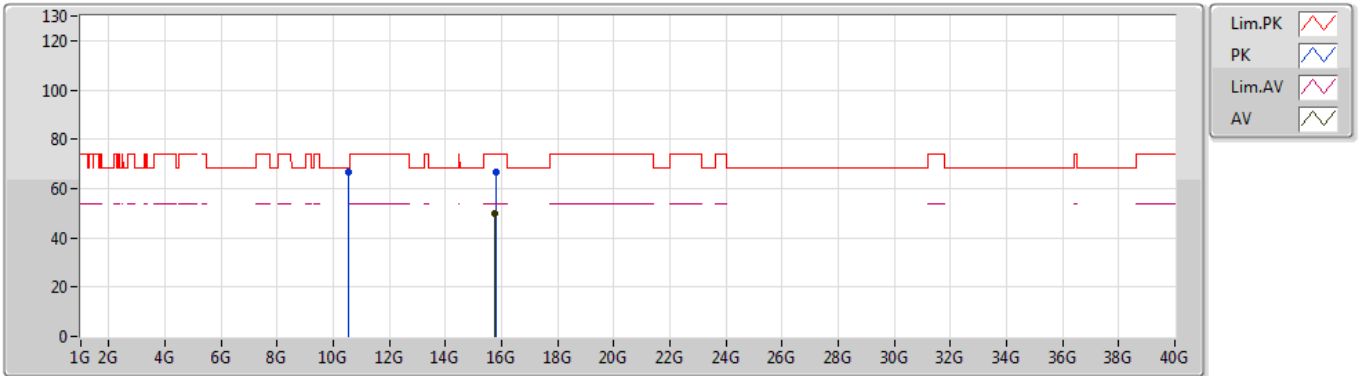
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Setting 18
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.51924G	60.61	68.20	-7.59	12.32	3	Vertical	225	2.73	-	48.29			
PK	15.78684G	70.77	74.00	-3.23	13.51	3	Vertical	208	2.08	-	57.26			
AV	15.77832G	53.95	54.00	-0.05	13.54	3	Vertical	208	2.08	-	40.41			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5260MHz_TX



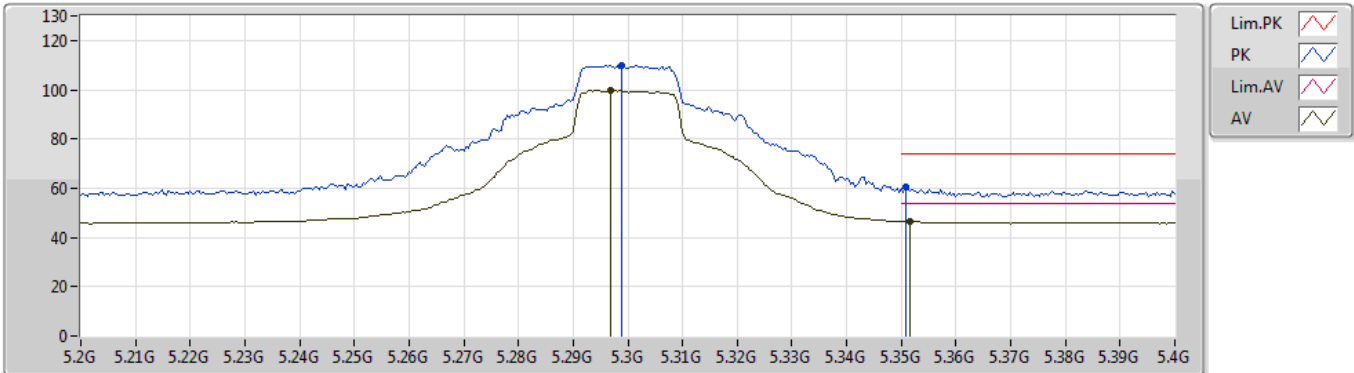
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Setting 18
03-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.51912G	66.93	68.20	-1.27	12.32	3	Horizontal	46	1.85	-	54.61			
PK	15.78676G	66.62	74.00	-7.38	13.51	3	Horizontal	183	1.70	-	53.11			
AV	15.77828G	50.07	54.00	-3.93	13.54	3	Horizontal	183	1.70	-	36.53			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5300MHz_TX



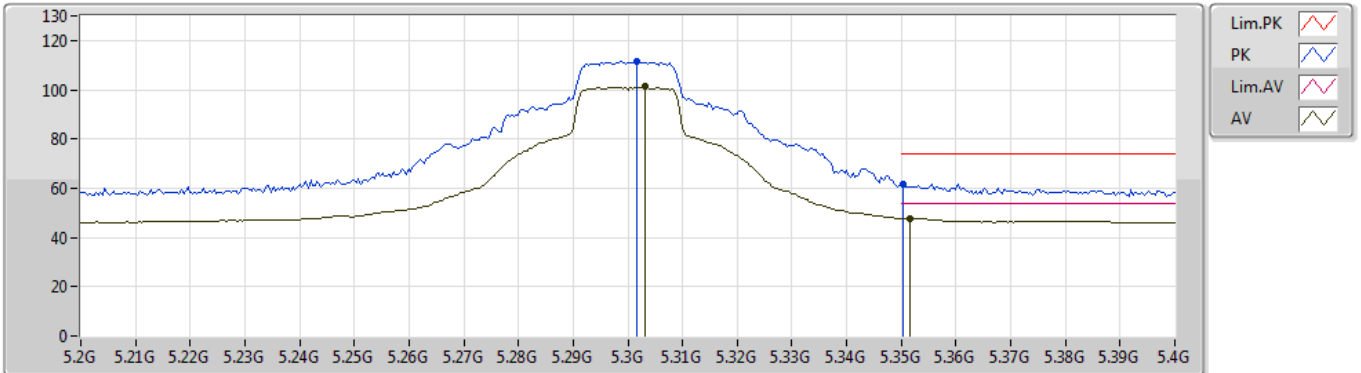
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Setting 17
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.2988G	109.69	Inf	-Inf	5.79	3	Vertical	187	2.93	-	103.90			
AV	5.2968G	99.73	Inf	-Inf	5.78	3	Vertical	187	2.93	-	93.95			
PK	5.3508G	60.55	74.00	-13.45	5.81	3	Vertical	187	2.93	-	54.74			
AV	5.3516G	46.61	54.00	-7.39	5.81	3	Vertical	187	2.93	-	40.80			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5300MHz_TX



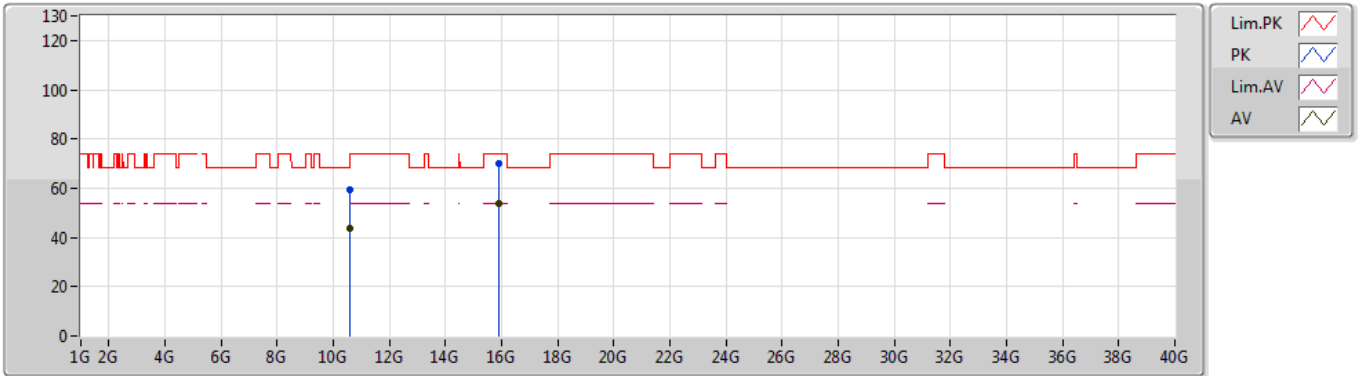
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Setting 17
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3016G	111.27	Inf	-Inf	5.79	3	Horizontal	43	2.08	-	105.48			
AV	5.3032G	101.15	Inf	-Inf	5.79	3	Horizontal	43	2.08	-	95.36			
PK	5.3504G	61.78	74.00	-12.22	5.81	3	Horizontal	43	2.08	-	55.97			
AV	5.3516G	47.81	54.00	-6.19	5.81	3	Horizontal	43	2.08	-	42.00			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5300MHz_TX



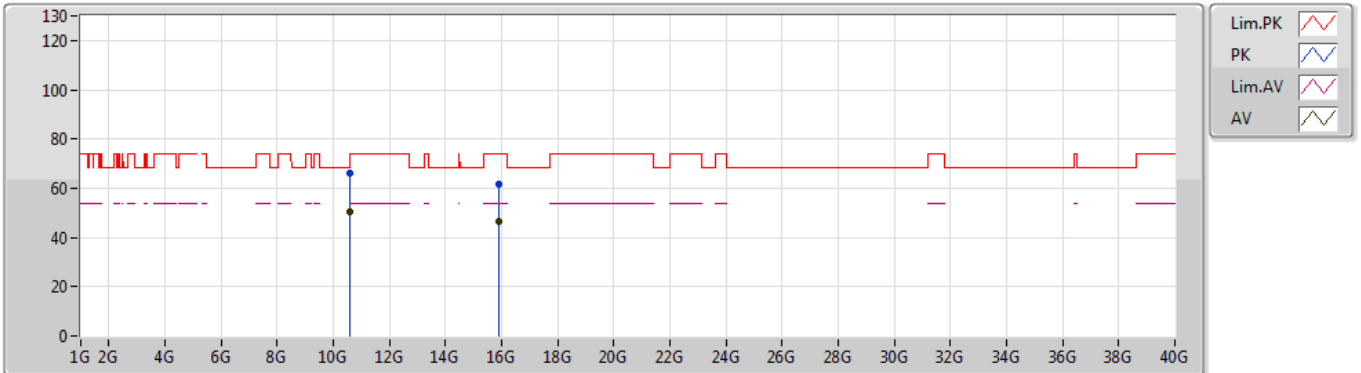
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Setting 17
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.60034G	59.56	74.00	-14.44	12.40	3	Vertical	24	1.97	-	47.16			
AV	10.60056G	43.89	54.00	-10.11	12.40	3	Vertical	24	1.97	-	31.49			
PK	15.90672G	70.15	74.00	-3.85	13.07	3	Vertical	26	1.70	-	57.08			
AV	15.89574G	53.82	54.00	-0.18	13.11	3	Vertical	26	1.70	-	40.71			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5300MHz_TX



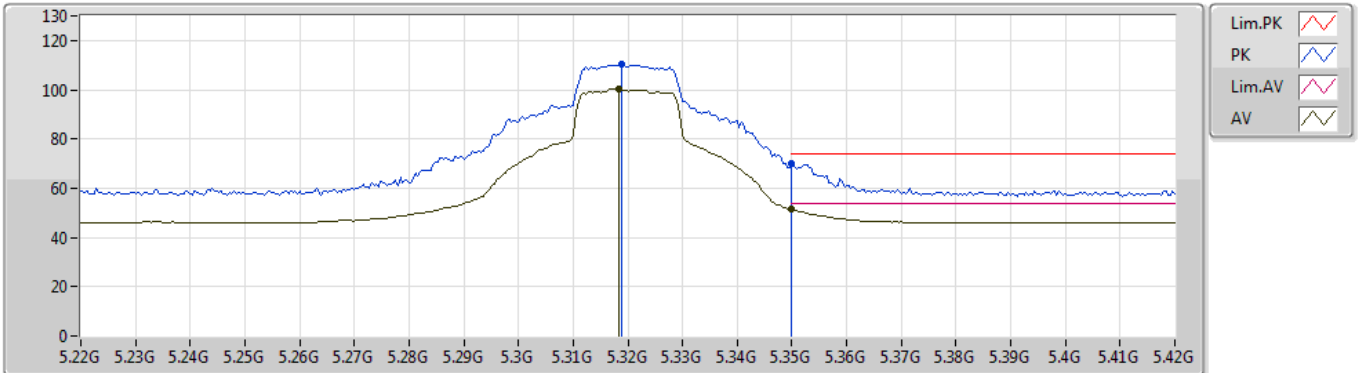
EUT_Z_1TX
Setting 17
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.60102G	66.36	74.00	-7.64	12.40	3	Horizontal	230	1.90	-	53.96			
AV	10.60018G	50.30	54.00	-3.70	12.40	3	Horizontal	230	1.90	-	37.90			
PK	15.90108G	61.53	74.00	-12.47	13.10	3	Horizontal	157	1.72	-	48.43			
AV	15.89838G	46.62	54.00	-7.38	13.10	3	Horizontal	157	1.72	-	33.52			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5320MHz_TX



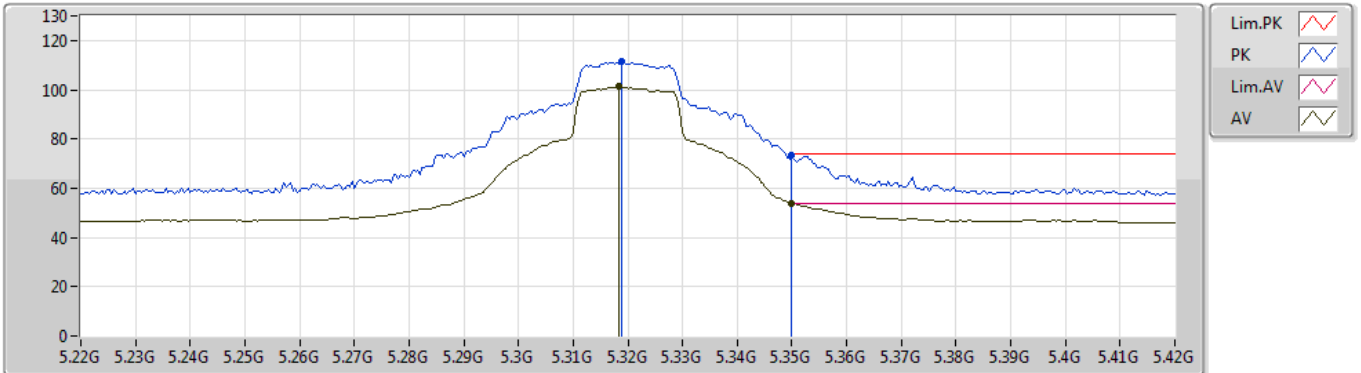
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Setting 14
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3188G	110.31	Inf	-Inf	5.80	3	Vertical	188	2.77	-	104.51			
AV	5.3184G	100.26	Inf	-Inf	5.80	3	Vertical	188	2.77	-	94.46			
PK	5.35G	70.27	74.00	-3.73	5.81	3	Vertical	188	2.77	-	64.46			
AV	5.35G	51.36	54.00	-2.64	5.81	3	Vertical	188	2.77	-	45.55			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5320MHz_TX



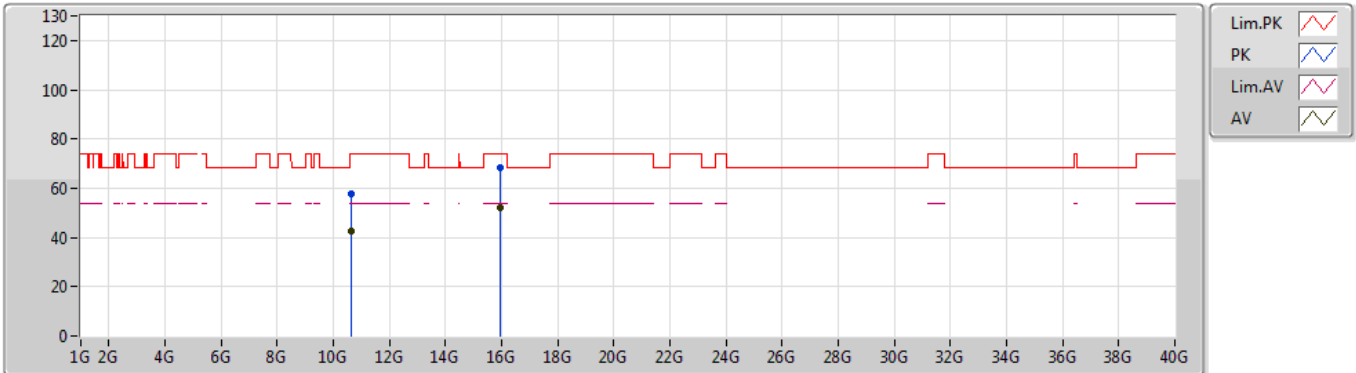
EUT_Z_1TX
Setting 14
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3188G	111.27	Inf	-Inf	5.80	3	Horizontal	43	2.05	-	105.47
AV	5.3184G	101.18	Inf	-Inf	5.80	3	Horizontal	43	2.05	-	95.38
PK	5.35G	73.62	74.00	-0.38	5.81	3	Horizontal	43	2.05	-	67.81
AV	5.35G	53.97	54.00	-0.03	5.81	3	Horizontal	43	2.05	-	48.16

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5320MHz_TX



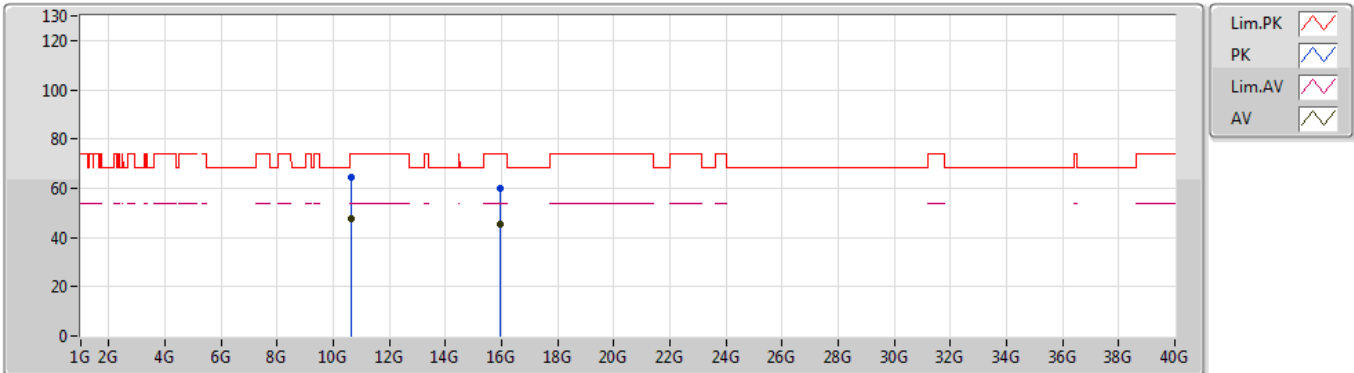
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Setting 14
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.64514G	57.99	74.00	-16.01	12.44	3	Vertical	233	1.94	-	45.55			
AV	10.64048G	42.57	54.00	-11.43	12.44	3	Vertical	233	1.94	-	30.13			
PK	15.96672G	68.54	74.00	-5.46	12.86	3	Vertical	30	1.75	-	55.68			
AV	15.95556G	51.85	54.00	-2.15	12.89	3	Vertical	30	1.75	-	38.96			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5320MHz_TX



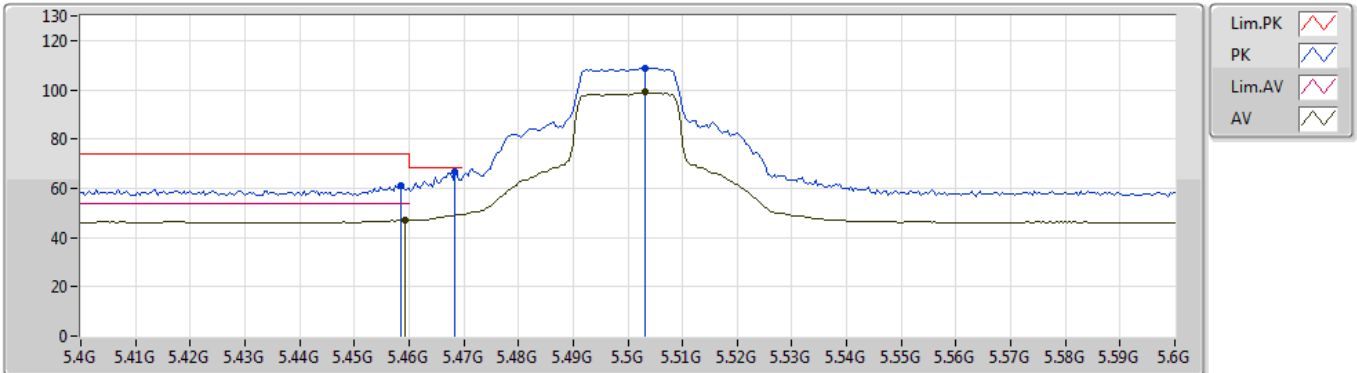
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Setting 14
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.6401G	64.25	74.00	-9.75	12.44	3	Horizontal	230	1.97	-	51.81			
AV	10.64048G	47.81	54.00	-6.19	12.44	3	Horizontal	230	1.97	-	35.37			
PK	15.96126G	60.22	74.00	-13.78	12.88	3	Horizontal	157	1.50	-	47.34			
AV	15.95832G	45.49	54.00	-8.51	12.89	3	Horizontal	157	1.50	-	32.60			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5500MHz_TX



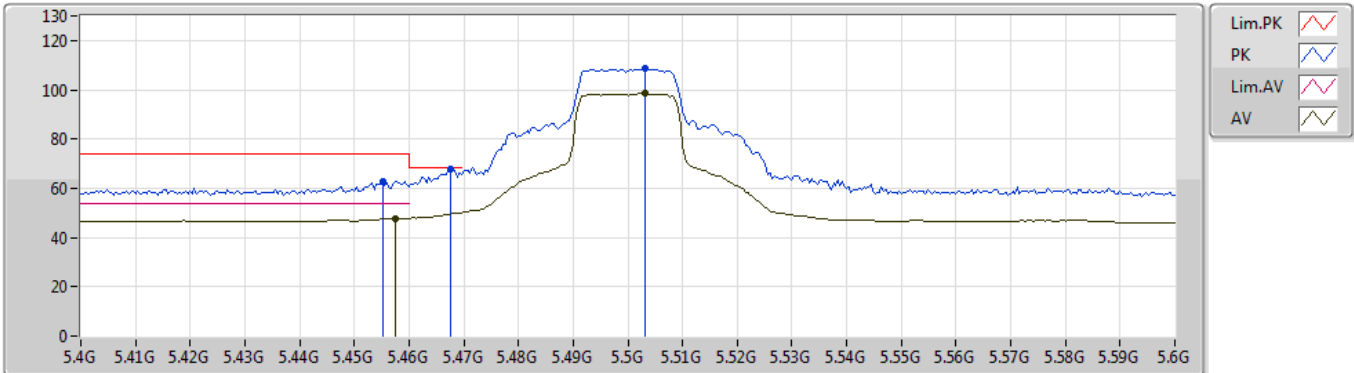
EUT Z_1TX
Setting 10
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4584G	61.10	74.00	-12.90	6.01	3	Vertical	181	2.99	-	55.09			
AV	5.4592G	46.90	54.00	-7.10	6.01	3	Vertical	181	2.99	-	40.89			
PK	5.4684G	66.60	68.20	-1.60	6.03	3	Vertical	181	2.99	-	60.57			
PK	5.5032G	108.92	Inf	-Inf	6.13	3	Vertical	181	2.99	-	102.79			
AV	5.5032G	99.01	Inf	-Inf	6.13	3	Vertical	181	2.99	-	92.88			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5500MHz_TX



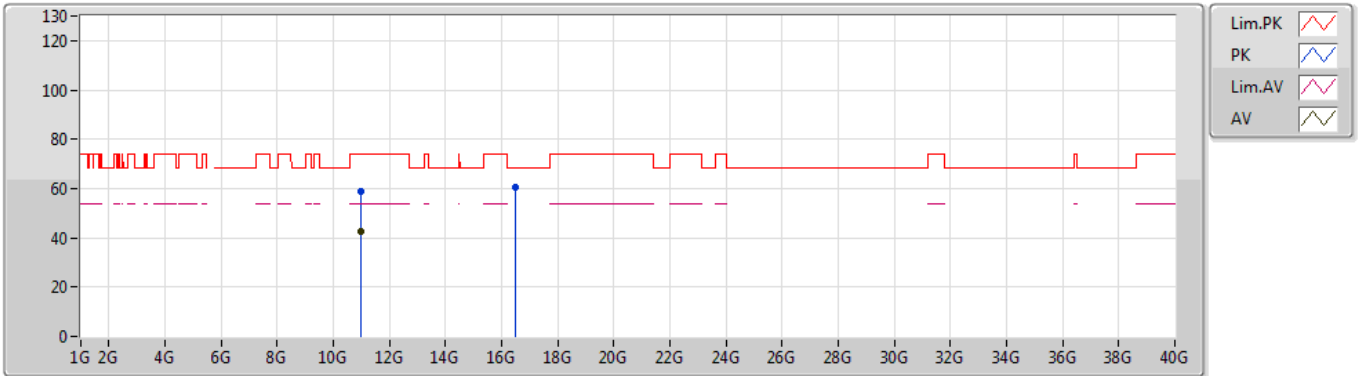
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Setting 10
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4552G	62.79	74.00	-11.21	6.00	3	Horizontal	40	2.01	-	56.79			
AV	5.4576G	47.75	54.00	-6.25	6.00	3	Horizontal	40	2.01	-	41.75			
PK	5.4676G	67.86	68.20	-0.34	6.03	3	Horizontal	40	2.01	-	61.83			
PK	5.5032G	108.62	Inf	-Inf	6.13	3	Horizontal	40	2.01	-	102.49			
AV	5.5032G	98.69	Inf	-Inf	6.13	3	Horizontal	40	2.01	-	92.56			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5500MHz_TX



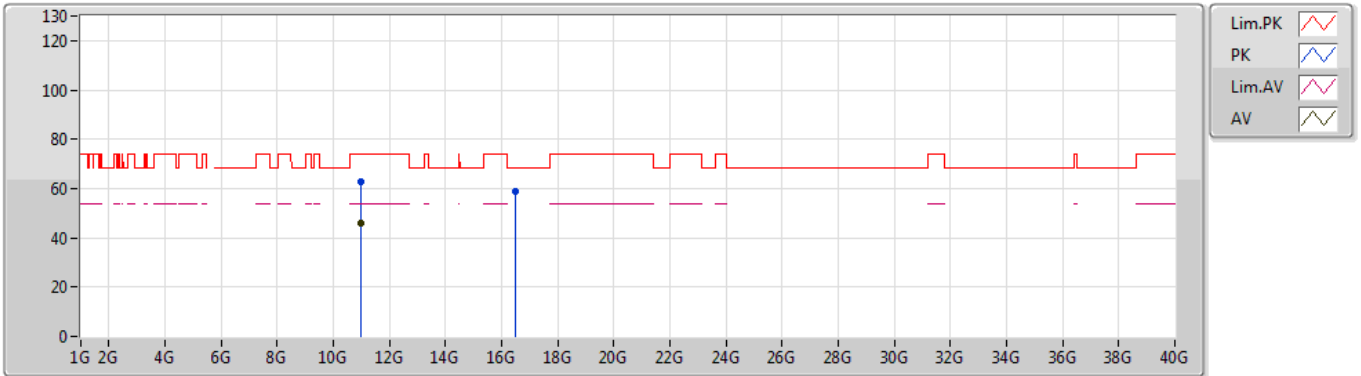
EUT_Z_1TX
Setting 10
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0075G	58.86	74.00	-15.14	12.75	3	Vertical	58	2.93	-	46.11			
AV	11.00006G	42.51	54.00	-11.49	12.74	3	Vertical	58	2.93	-	29.77			
PK	16.50828G	60.68	68.20	-7.52	14.46	3	Vertical	19	1.73	-	46.22			

802.11ac VHT20_Nss1,(MCS0)_1TX

20/09/2019

5500MHz_TX



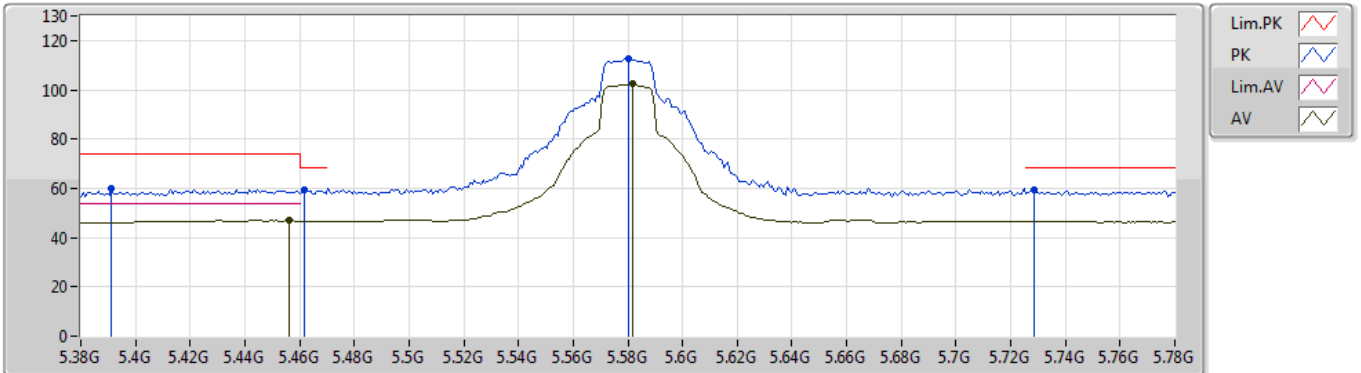
EUT_Z_1TX
Setting 10
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.00726G	62.99	74.00	-11.01	12.75	3	Horizontal	226	1.92	-	50.24			
AV	11.0012G	45.96	54.00	-8.04	12.74	3	Horizontal	226	1.92	-	33.22			
PK	16.51266G	58.86	68.20	-9.34	14.48	3	Horizontal	102	1.80	-	44.38			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5580MHz_TX



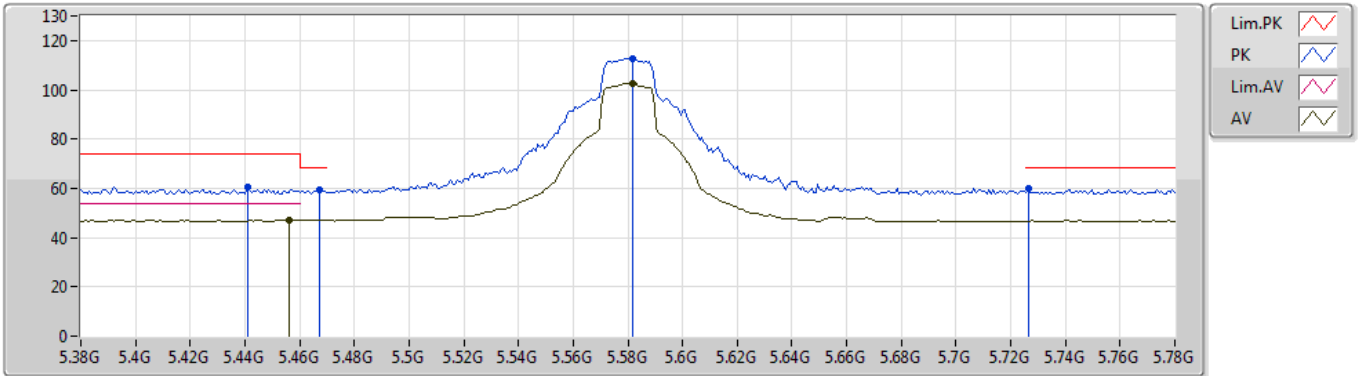
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Setting 1B
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3912G	60.07	74.00	-13.93	5.83	3	Vertical	185	2.92	-	54.24			
PK	5.4616G	59.20	68.20	-9.00	6.01	3	Vertical	185	2.92	-	53.19			
AV	5.456G	46.88	54.00	-7.12	6.00	3	Vertical	185	2.92	-	40.88			
PK	5.58G	112.72	Inf	-Inf	6.16	3	Vertical	185	2.92	-	106.56			
AV	5.5816G	102.32	Inf	-Inf	6.16	3	Vertical	185	2.92	-	96.16			
PK	5.7288G	59.18	68.20	-9.02	5.88	3	Vertical	185	2.92	-	53.30			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5580MHz_TX



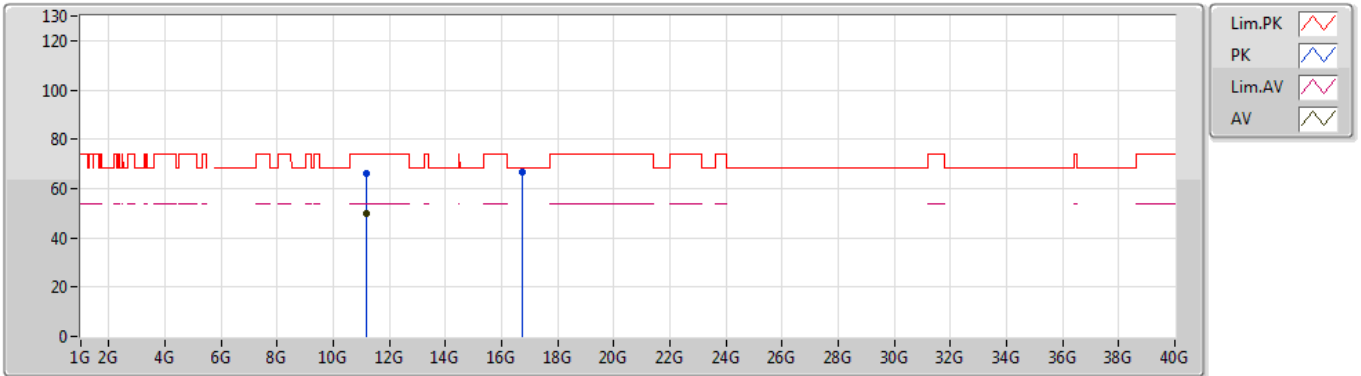
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Setting 1B
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4408G	60.39	74.00	-13.61	5.95	3	Horizontal	43	2.09	-	54.44
PK	5.4672G	59.14	68.20	-9.06	6.03	3	Horizontal	43	2.09	-	53.11
AV	5.456G	46.98	54.00	-7.02	6.00	3	Horizontal	43	2.09	-	40.98
PK	5.5816G	112.72	Inf	-Inf	6.16	3	Horizontal	43	2.09	-	106.56
AV	5.5816G	102.54	Inf	-Inf	6.16	3	Horizontal	43	2.09	-	96.38
PK	5.7264G	59.78	68.20	-8.42	5.89	3	Horizontal	43	2.09	-	53.89

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5580MHz_TX



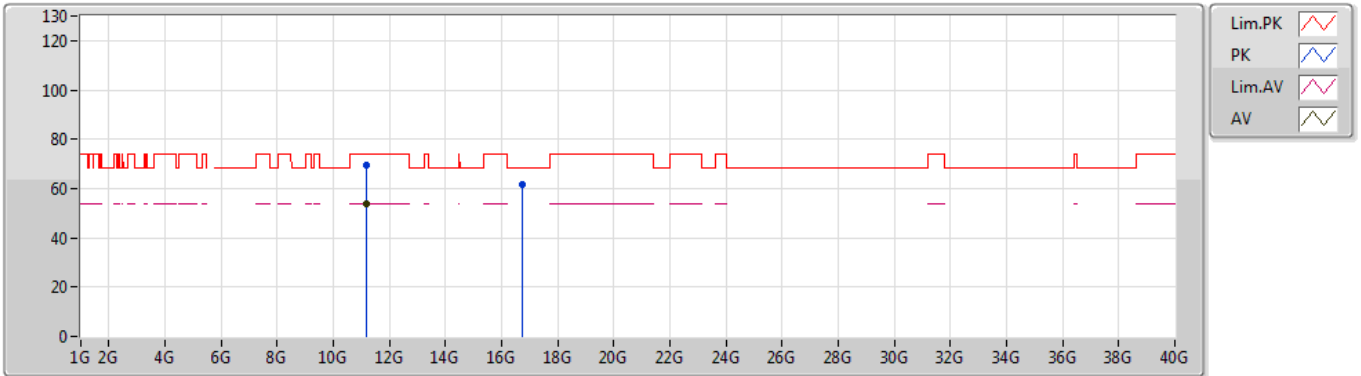
EUT_Z_1TX
Setting 1B
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.15916G	66.15	74.00	-7.85	12.82	3	Vertical	23	1.90	-	53.33			
AV	11.15988G	50.11	54.00	-3.89	12.82	3	Vertical	23	1.90	-	37.29			
PK	16.74648G	66.74	68.20	-1.46	15.26	3	Vertical	8	1.65	-	51.48			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5580MHz_TX



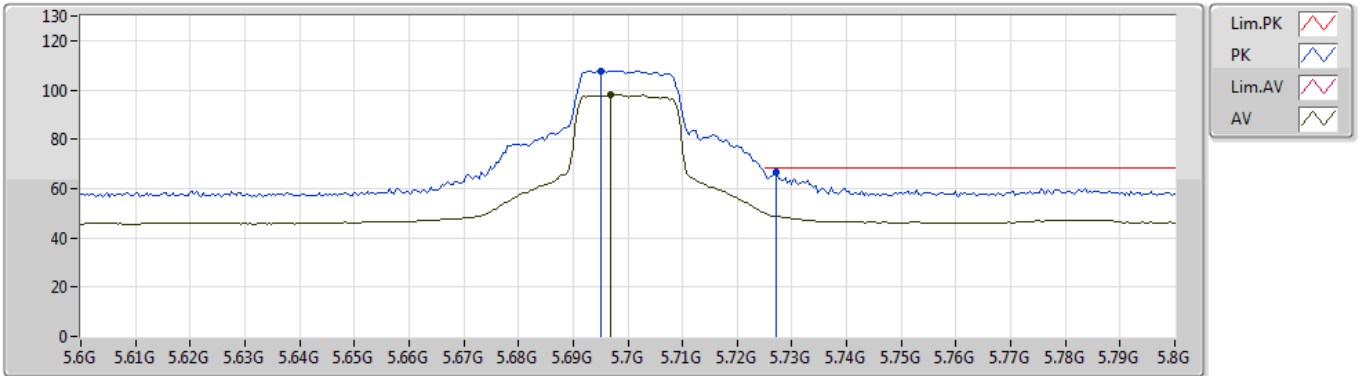
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Setting 1B
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.15934G	69.54	74.00	-4.46	12.82	3	Horizontal	61	1.78	-	56.72			
AV	11.15994G	53.72	54.00	-0.28	12.82	3	Horizontal	61	1.78	-	40.90			
PK	16.72632G	61.36	68.20	-6.84	15.20	3	Horizontal	82	1.46	-	46.16			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5700MHz_TX



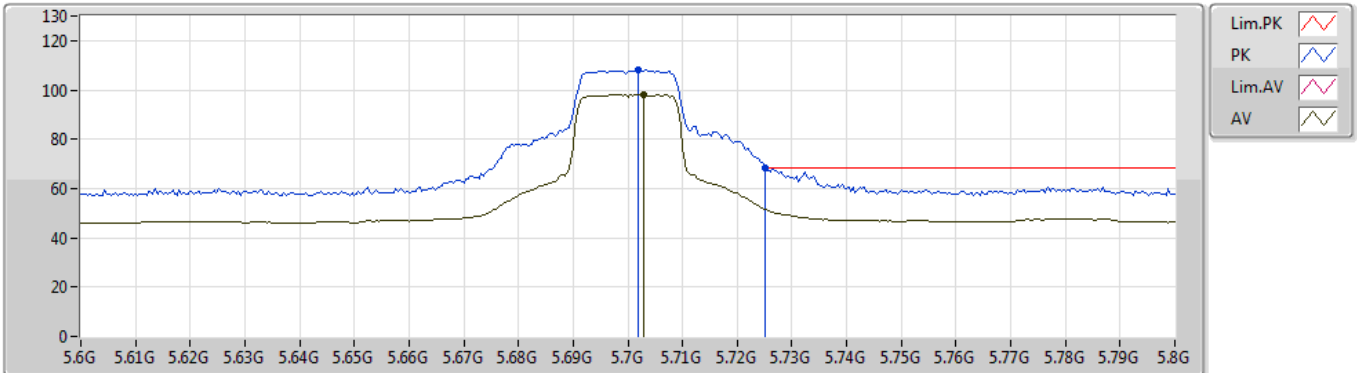
EUT Z_1TX
Setting 11
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6952G	107.86	Inf	-Inf	5.94	3	Vertical	192	2.95	-	101.92			
AV	5.6968G	98.05	Inf	-Inf	5.93	3	Vertical	192	2.95	-	92.12			
PK	5.7272G	66.59	68.20	-1.61	5.88	3	Vertical	192	2.95	-	60.71			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5700MHz_TX



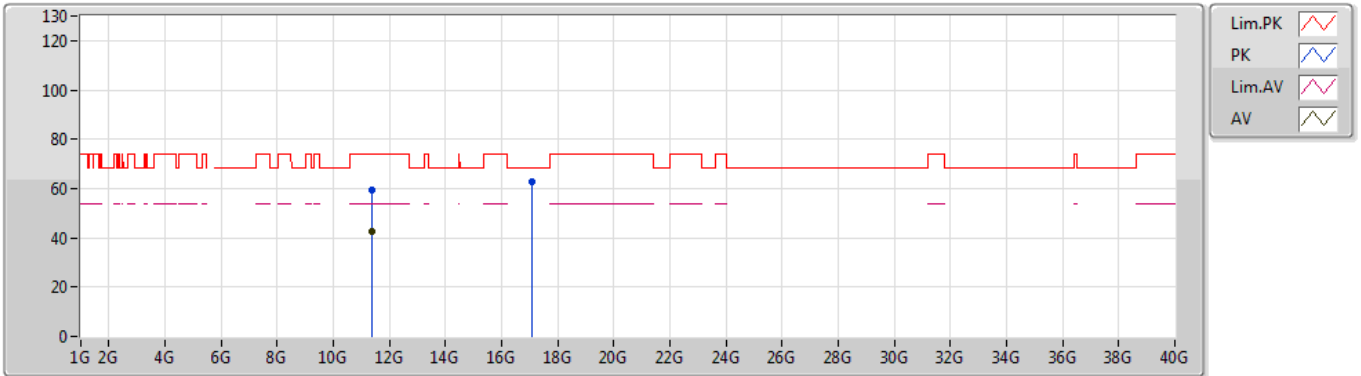
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Setting 11
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.702G	108.00	Inf	-Inf	5.93	3	Horizontal	44	2.18	-	102.07
AV	5.7028G	98.28	Inf	-Inf	5.93	3	Horizontal	44	2.18	-	92.35
PK	5.7252G	68.17	68.20	-0.03	5.89	3	Horizontal	44	2.18	-	62.28

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5700MHz_TX



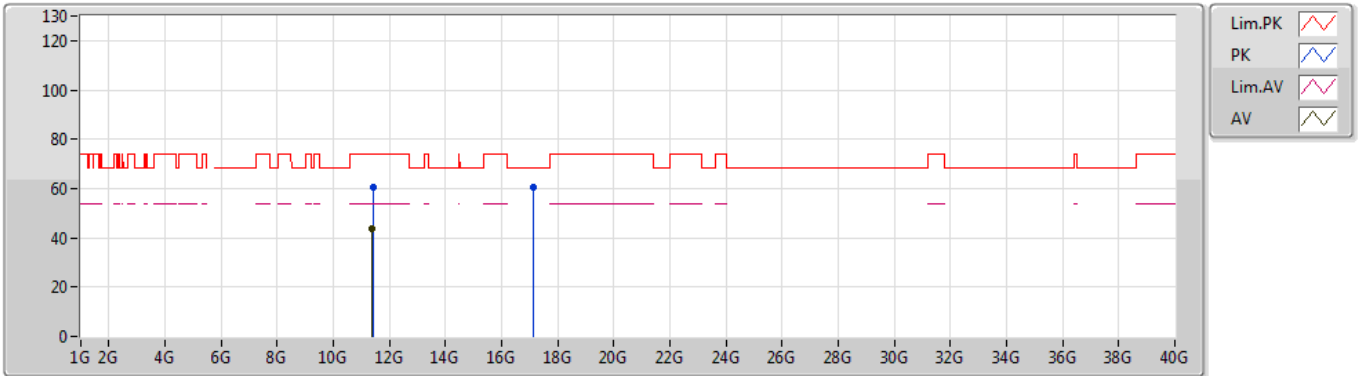
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Setting 11
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.40096G	59.13	74.00	-14.87	12.96	3	Vertical	30	2.39	-	46.17			
AV	11.40012G	42.80	54.00	-11.20	12.96	3	Vertical	30	2.39	-	29.84			
PK	17.09754G	62.82	68.20	-5.38	16.64	3	Vertical	45	1.67	-	46.18			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5700MHz_TX



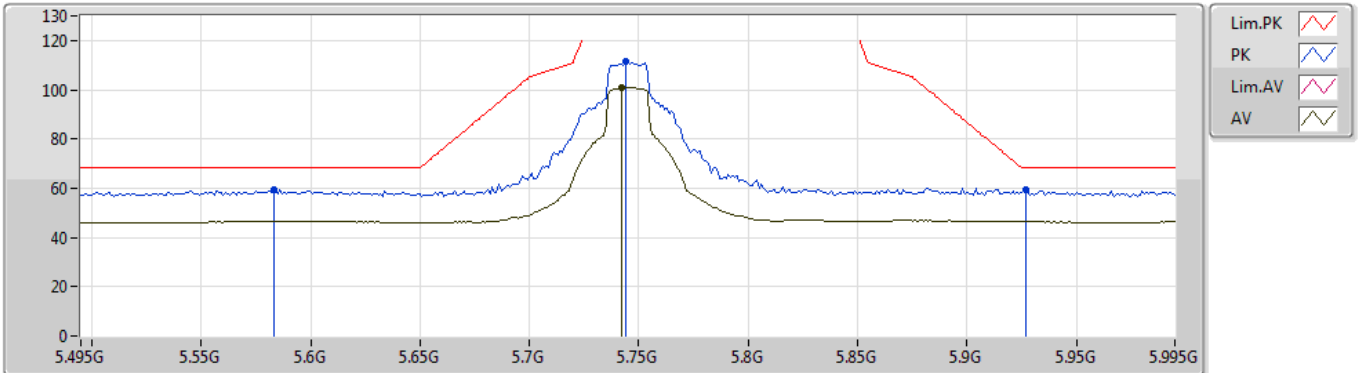
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Setting 11
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.40192G	60.62	74.00	-13.38	12.96	3	Horizontal	63	1.93	-	47.66			
AV	11.40006G	43.95	54.00	-10.05	12.96	3	Horizontal	63	1.93	-	30.99			
PK	17.10942G	60.41	68.20	-7.79	16.69	3	Horizontal	272	1.45	-	43.72			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5745MHz_TX



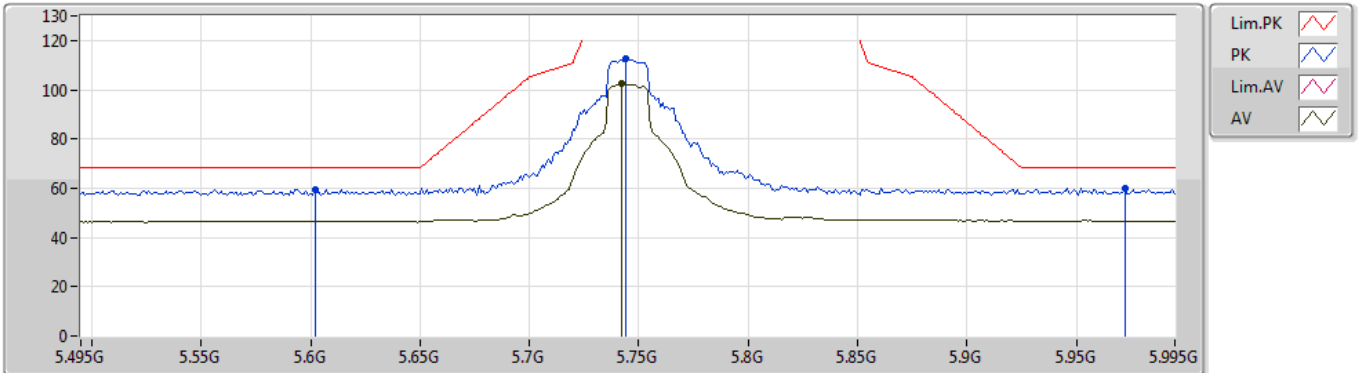
EUT_Z_1TX
Setting 1C
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.583G	59.36	68.20	-8.84	6.16	3	Vertical	185	2.90	-	53.20
PK	5.744G	111.23	Inf	-Inf	5.86	3	Vertical	185	2.90	-	105.37
AV	5.742G	100.99	Inf	-Inf	5.87	3	Vertical	185	2.90	-	95.12
PK	5.927G	59.27	68.20	-8.93	6.15	3	Vertical	185	2.90	-	53.12

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5745MHz_TX



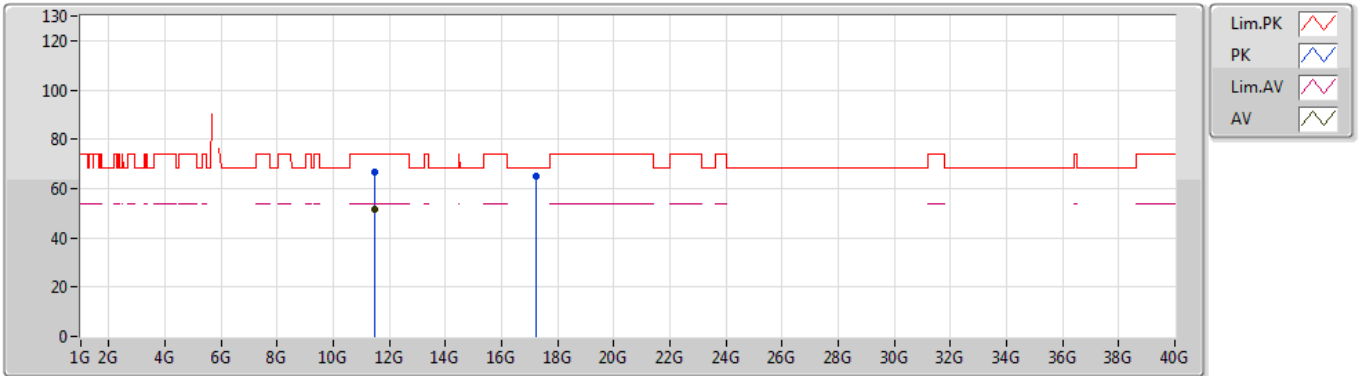
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Setting 1C
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.602G	59.53	68.20	-8.67	6.17	3	Horizontal	47	1.96	-	53.36			
PK	5.744G	112.44	Inf	-Inf	5.86	3	Horizontal	47	1.96	-	106.58			
AV	5.742G	102.28	Inf	-Inf	5.87	3	Horizontal	47	1.96	-	96.41			
PK	5.972G	60.02	68.20	-8.18	6.32	3	Horizontal	47	1.96	-	53.70			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5745MHz_TX



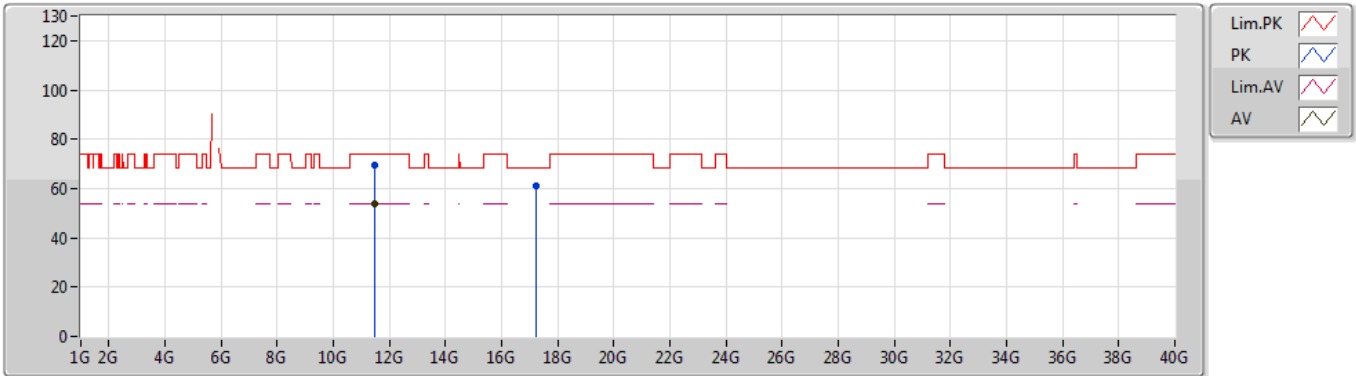
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Setting 1C
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.4891G	66.86	74.00	-7.14	13.00	3	Vertical	150	1.76	-	53.86			
AV	11.49G	51.49	54.00	-2.51	13.00	3	Vertical	150	1.76	-	38.49			
PK	17.24058G	65.11	68.20	-3.09	17.36	3	Vertical	44	1.64	-	47.75			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5745MHz_TX



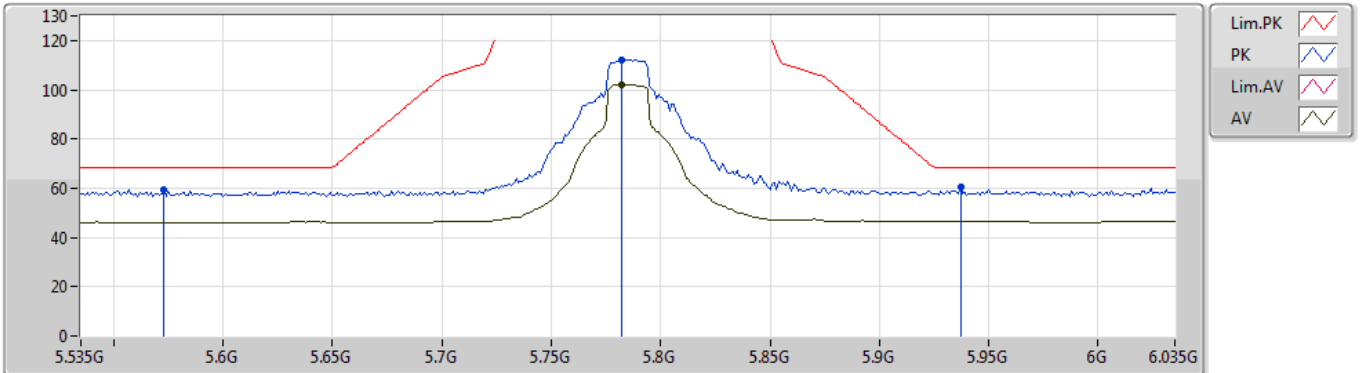
EUT_Z_1TX
Setting 1C
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.48814G	69.37	74.00	-4.63	13.00	3	Horizontal	335	1.97	-	56.37			
AV	11.48988G	53.69	54.00	-0.31	13.00	3	Horizontal	335	1.97	-	40.69			
PK	17.22606G	61.35	68.20	-6.85	17.29	3	Horizontal	46	2.71	-	44.06			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5785MHz_TX



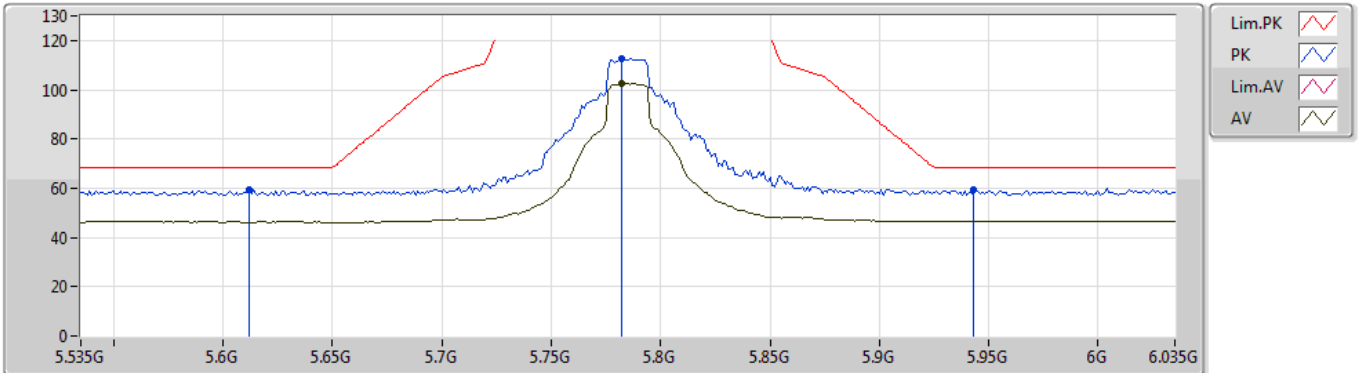
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Setting 1E
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.573G	59.29	68.20	-8.91	6.16	3	Vertical	183	2.99	-	53.13			
PK	5.782G	112.17	Inf	-Inf	5.80	3	Vertical	183	2.99	-	106.37			
AV	5.782G	102.20	Inf	-Inf	5.80	3	Vertical	183	2.99	-	96.40			
PK	5.937G	60.74	68.20	-7.46	6.19	3	Vertical	183	2.99	-	54.55			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5785MHz_TX



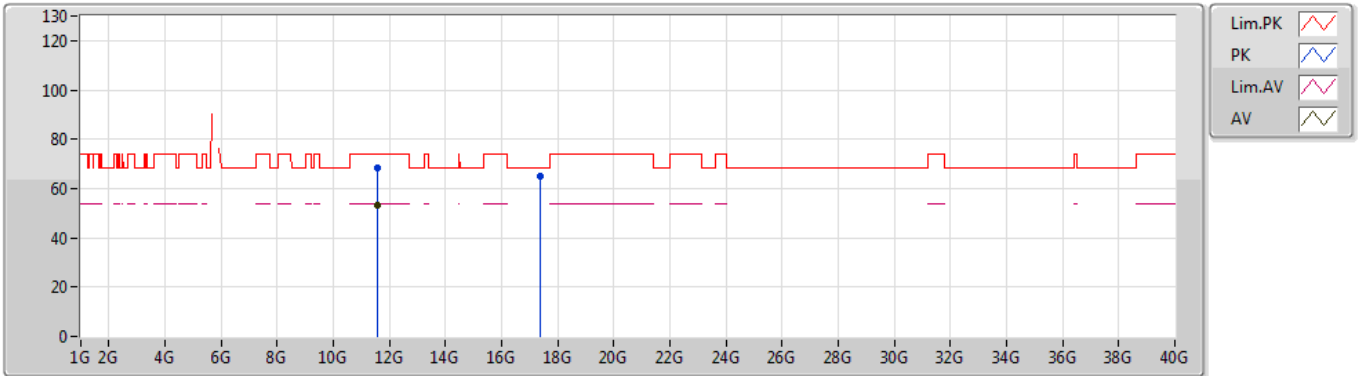
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Setting 1E
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.612G	59.66	68.20	-8.54	6.14	3	Horizontal	42	2.18	-	53.52
PK	5.782G	112.56	Inf	-Inf	5.80	3	Horizontal	42	2.18	-	106.76
AV	5.782G	102.55	Inf	-Inf	5.80	3	Horizontal	42	2.18	-	96.75
PK	5.943G	59.31	68.20	-8.89	6.21	3	Horizontal	42	2.18	-	53.10

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5785MHz_TX



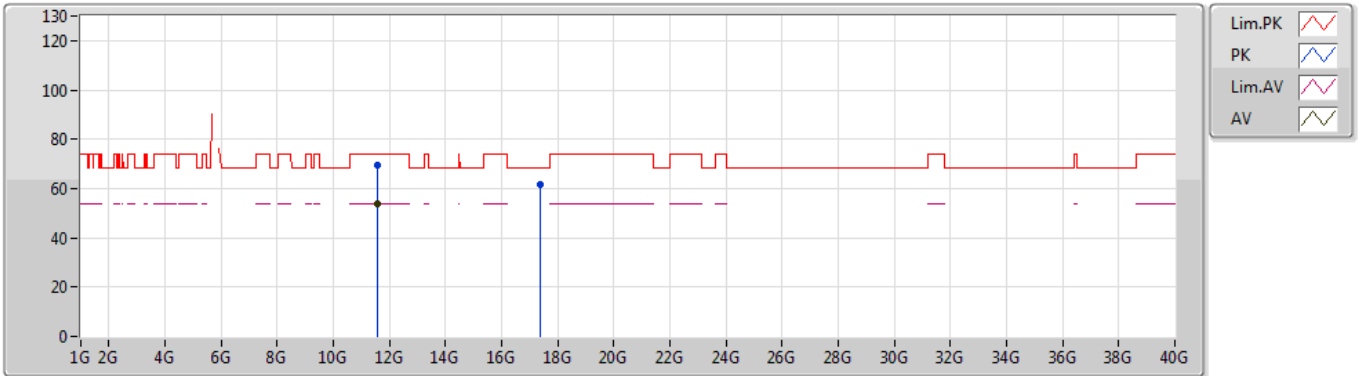
EUT_Z_1TX
Setting 1E
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	11.56928G	68.50	74.00	-5.50	13.04	3	Vertical	153	1.73	-	55.46
AV	11.56994G	53.14	54.00	-0.86	13.04	3	Vertical	153	1.73	-	40.10
PK	17.35938G	65.14	68.20	-3.06	17.97	3	Vertical	114	1.68	-	47.17

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5785MHz_TX



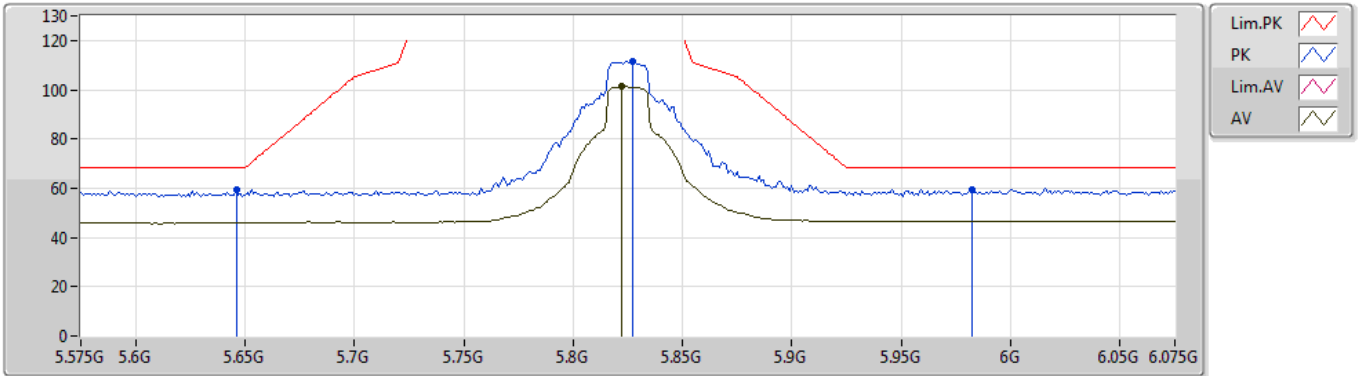
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Setting 1E
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	11.56898G	69.30	74.00	-4.70	13.04	3	Horizontal	158	1.96	-	56.26
AV	11.56994G	53.78	54.00	-0.22	13.04	3	Horizontal	158	1.96	-	40.74
PK	17.36898G	61.69	68.20	-6.51	18.01	3	Horizontal	269	1.41	-	43.68

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5825MHz_TX



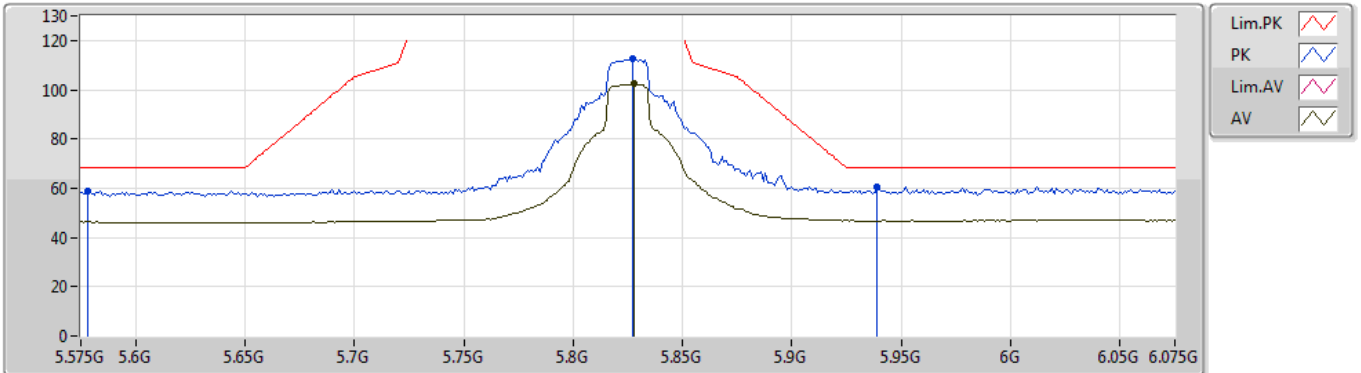
EUT_Z_1TX
Setting 1D
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.646G	59.50	68.20	-8.70	6.06	3	Vertical	183	2.96	-	53.44
PK	5.827G	111.48	Inf	-Inf	5.85	3	Vertical	183	2.96	-	105.63
AV	5.822G	101.38	Inf	-Inf	5.84	3	Vertical	183	2.96	-	95.54
PK	5.982G	59.63	68.20	-8.57	6.36	3	Vertical	183	2.96	-	53.27

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5825MHz_TX



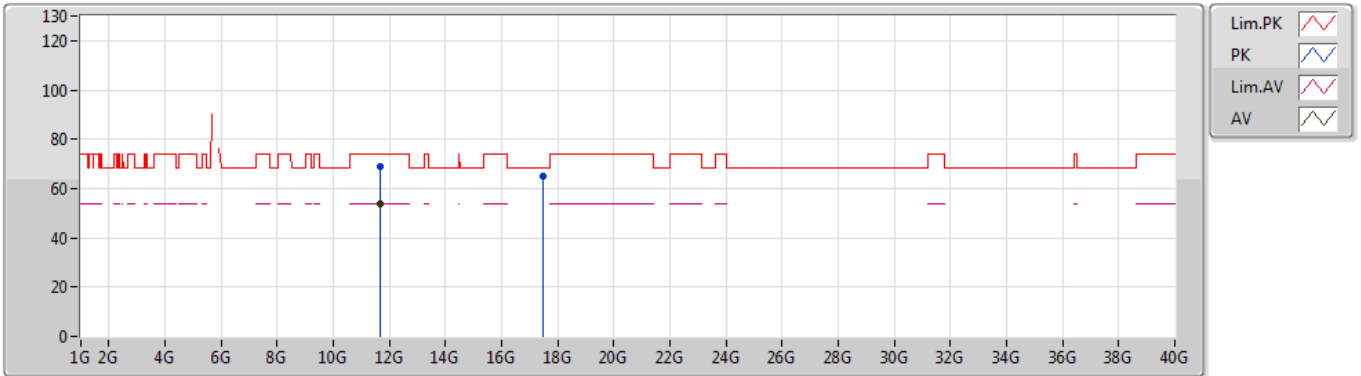
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Setting 1D
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.578G	59.00	68.20	-9.20	6.15	3	Horizontal	45	2.03	-	52.85
PK	5.827G	112.42	Inf	-Inf	5.85	3	Horizontal	45	2.03	-	106.57
AV	5.828G	102.39	Inf	-Inf	5.86	3	Horizontal	45	2.03	-	96.53
PK	5.939G	60.43	68.20	-7.77	6.20	3	Horizontal	45	2.03	-	54.23

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5825MHz_TX



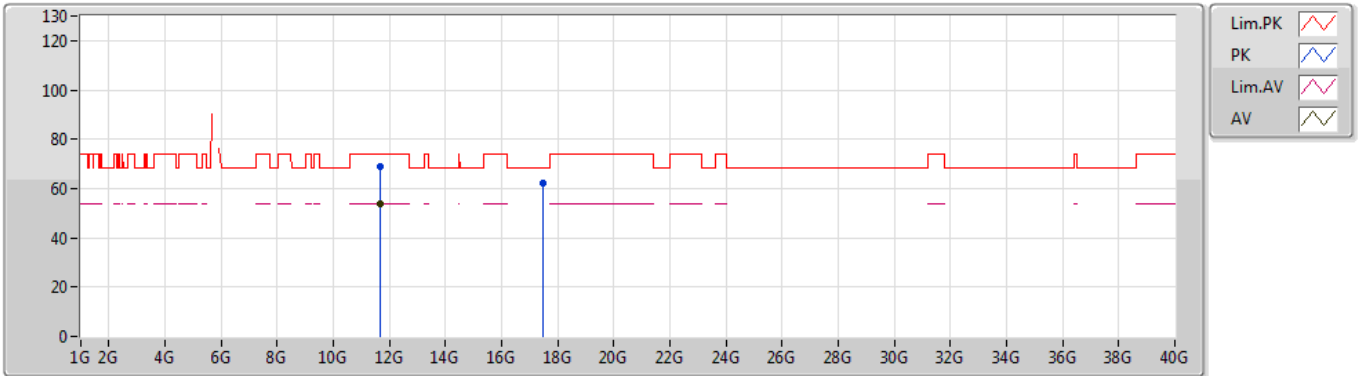
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Setting 1D
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.64808G	69.13	74.00	-4.87	13.08	3	Vertical	153	1.68	-	56.05			
AV	11.65G	53.67	54.00	-0.33	13.09	3	Vertical	153	1.68	-	40.58			
PK	17.47122G	65.05	68.20	-3.15	18.54	3	Vertical	128	1.70	-	46.51			

802.11ac VHT20_Nss1,(MCS0)_1TX

21/09/2019

5825MHz_TX



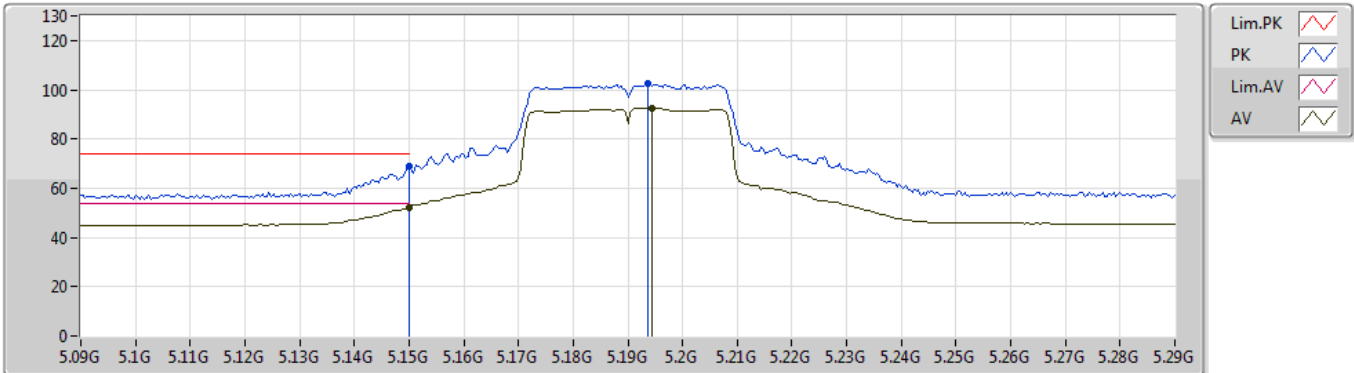
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Setting 1D
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.6527G	68.81	74.00	-5.19	13.09	3	Horizontal	290	1.65	-	55.72			
AV	11.65G	53.74	54.00	-0.26	13.09	3	Horizontal	290	1.65	-	40.65			
PK	17.47242G	62.30	68.20	-5.90	18.55	3	Horizontal	87	2.40	-	43.75			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5190MHz_TX



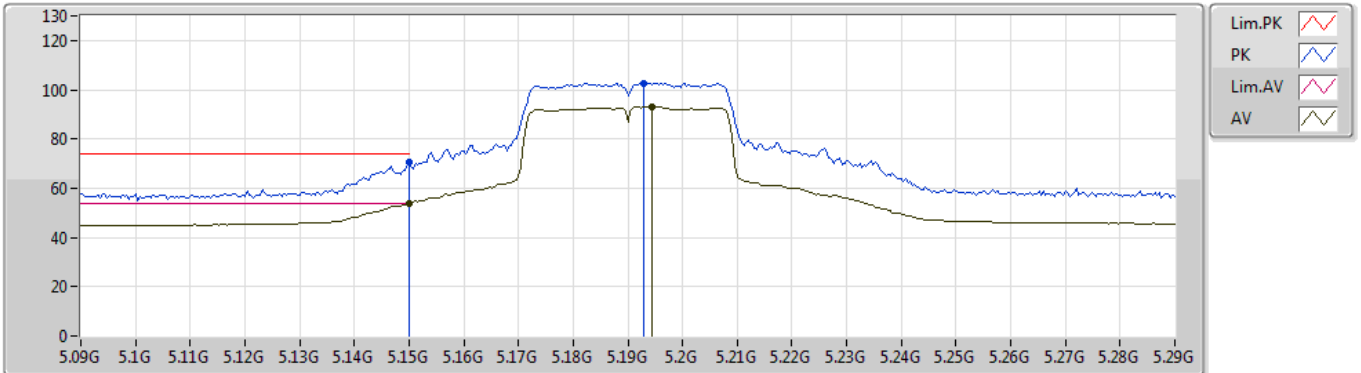
EUT_Z_1TX
Setting 09
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.15G	68.88	74.00	-5.12	5.50	3	Vertical	183	2.89	-	63.38			
AV	5.15G	52.27	54.00	-1.73	5.50	3	Vertical	183	2.89	-	46.77			
PK	5.1936G	102.29	Inf	-Inf	5.62	3	Vertical	183	2.89	-	96.67			
AV	5.1944G	92.59	Inf	-Inf	5.62	3	Vertical	183	2.89	-	86.97			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5190MHz_TX



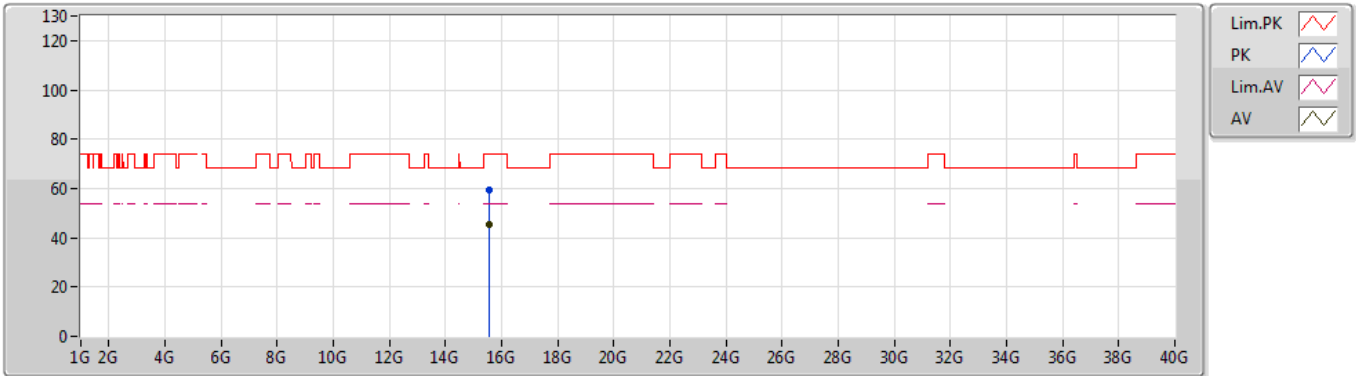
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Setting 09
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.15G	70.56	74.00	-3.44	5.50	3	Horizontal	41	2.09	-	65.06			
AV	5.15G	53.81	54.00	-0.19	5.50	3	Horizontal	41	2.09	-	48.31			
PK	5.1928G	102.71	Inf	-Inf	5.62	3	Horizontal	41	2.09	-	97.09			
AV	5.1944G	93.18	Inf	-Inf	5.62	3	Horizontal	41	2.09	-	87.56			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5190MHz_TX



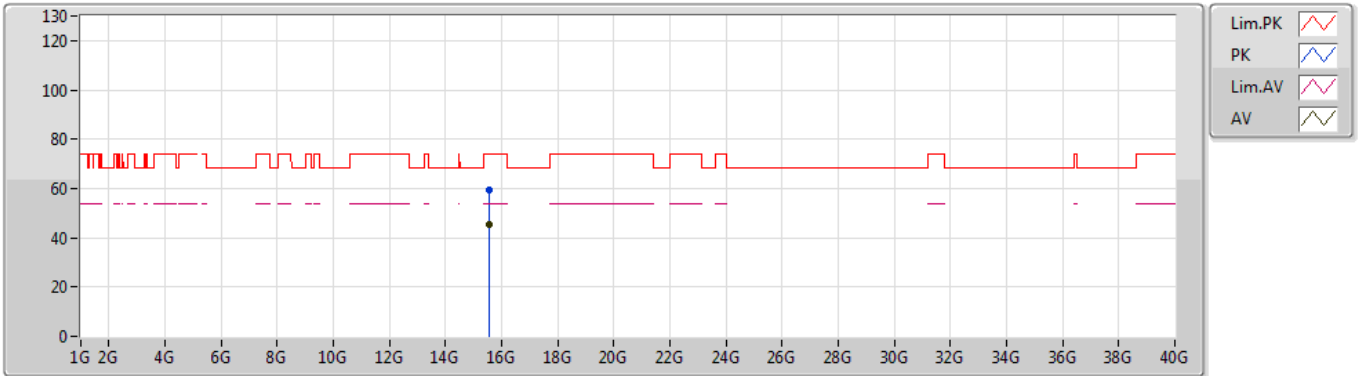
EUT_Z_1TX
Setting 09
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.55728G	59.45	74.00	-14.55	14.34	3	Vertical	12	2.04	-	45.11			
AV	15.55986G	45.53	54.00	-8.47	14.33	3	Vertical	12	2.04	-	31.20			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5190MHz_TX



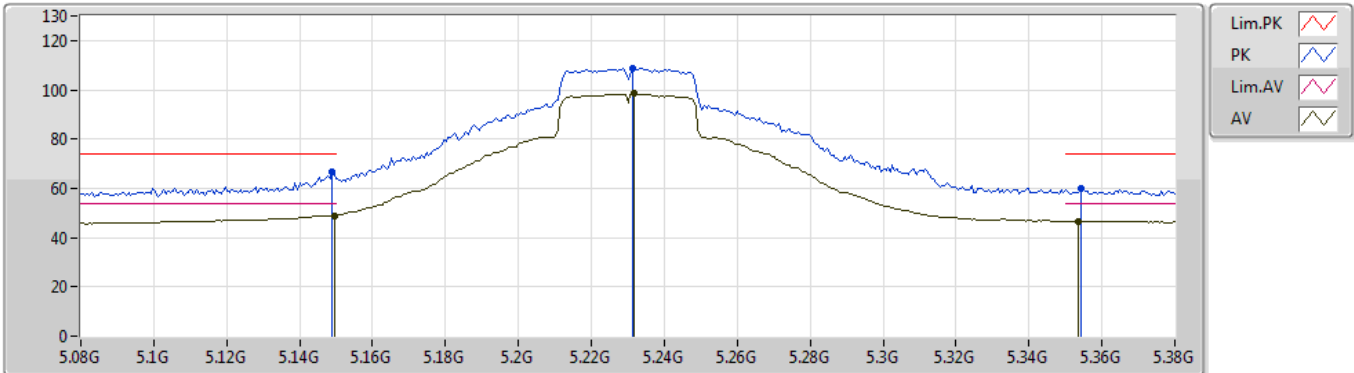
EUT_Z_1TX
Setting 09
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.55998G	59.18	74.00	-14.82	14.33	3	Horizontal	322	2.99	-	44.85			
AV	15.55764G	45.45	54.00	-8.55	14.34	3	Horizontal	322	2.99	-	31.11			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5230MHz_TX



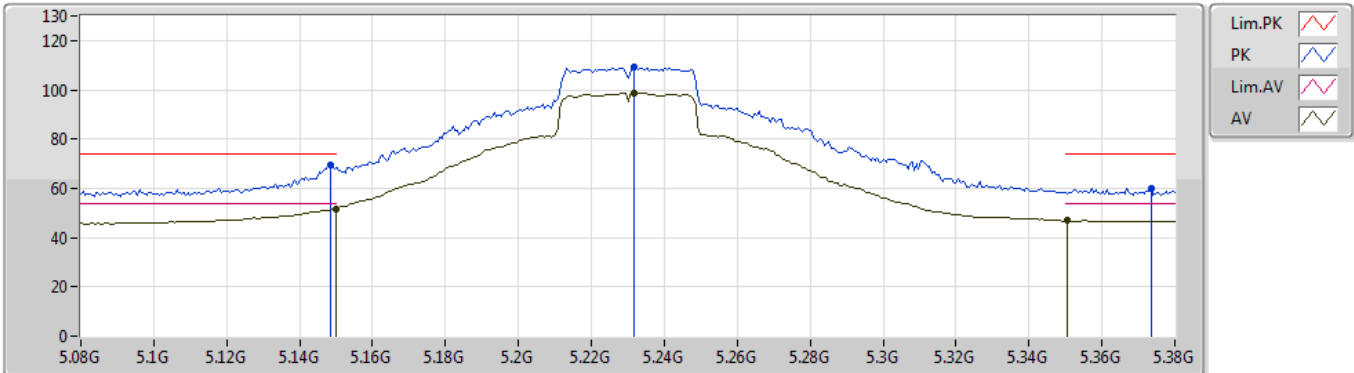
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Setting 1A
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.149G	66.90	74.00	-7.10	5.50	3	Vertical	184	2.99	-	61.40			
AV	5.1496G	49.02	54.00	-4.98	5.50	3	Vertical	184	2.99	-	43.52			
PK	5.2312G	108.89	Inf	-Inf	5.68	3	Vertical	184	2.99	-	103.21			
AV	5.2318G	98.51	Inf	-Inf	5.68	3	Vertical	184	2.99	-	92.83			
PK	5.3542G	59.68	74.00	-14.32	5.81	3	Vertical	184	2.99	-	53.87			
AV	5.3536G	46.66	54.00	-7.34	5.81	3	Vertical	184	2.99	-	40.85			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5230MHz_TX



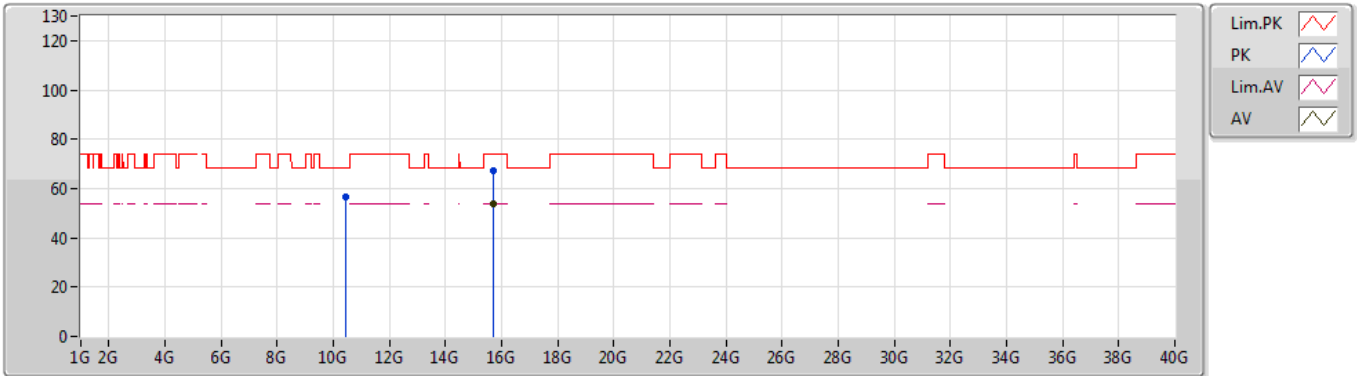
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Setting 1A
03-J-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1484G	69.38	74.00	-4.62	5.50	3	Horizontal	40	2.08	-	63.88			
AV	5.15G	51.63	54.00	-2.37	5.50	3	Horizontal	40	2.08	-	46.13			
PK	5.2318G	109.04	Inf	-Inf	5.68	3	Horizontal	40	2.08	-	103.36			
AV	5.2318G	98.78	Inf	-Inf	5.68	3	Horizontal	40	2.08	-	93.10			
PK	5.3734G	59.93	74.00	-14.07	5.82	3	Horizontal	40	2.08	-	54.11			
AV	5.3506G	46.85	54.00	-7.15	5.81	3	Horizontal	40	2.08	-	41.04			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5230MHz_TX



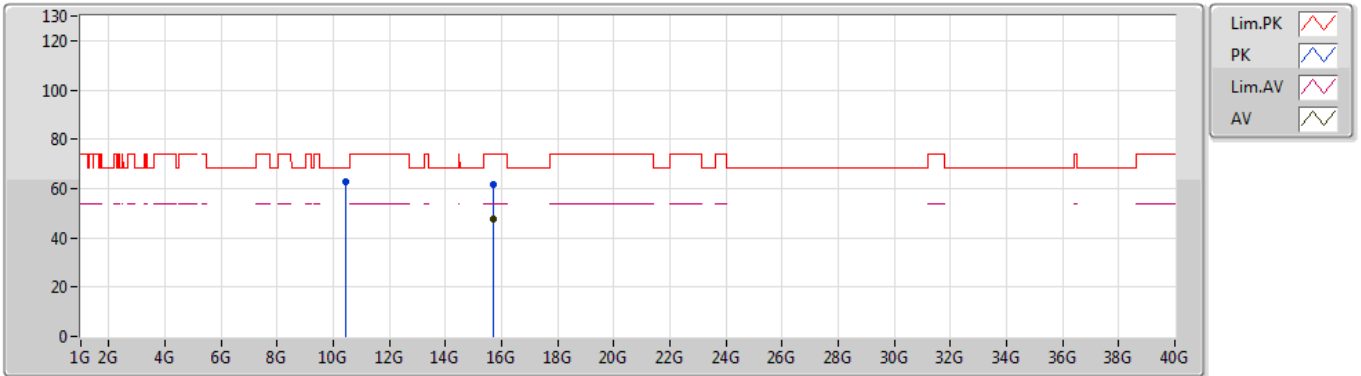
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Setting 1A
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.45958G	56.57	68.20	-11.63	12.27	3	Vertical	65	2.44	-	44.30			
PK	15.68082G	67.10	74.00	-6.90	13.90	3	Vertical	44	1.72	-	53.20			
AV	15.6936G	53.81	54.00	-0.19	13.85	3	Vertical	44	1.72	-	39.96			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5230MHz_TX



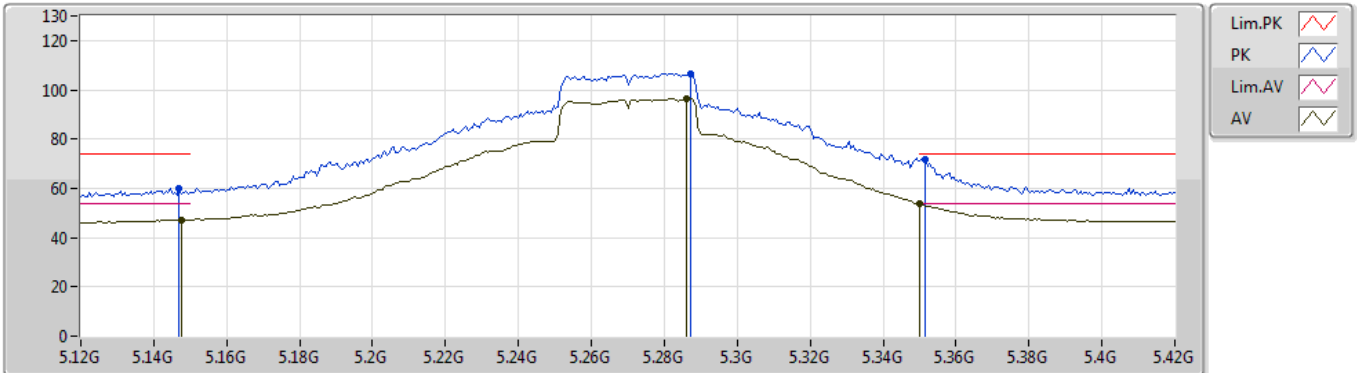
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Setting 1A
03-J-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.4603G	62.58	68.20	-5.62	12.27	3	Horizontal	232	1.96	-	50.31			
PK	15.69456G	61.39	74.00	-12.61	13.85	3	Horizontal	4	1.70	-	47.54			
AV	15.69228G	47.74	54.00	-6.26	13.85	3	Horizontal	4	1.70	-	33.89			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5270MHz_TX



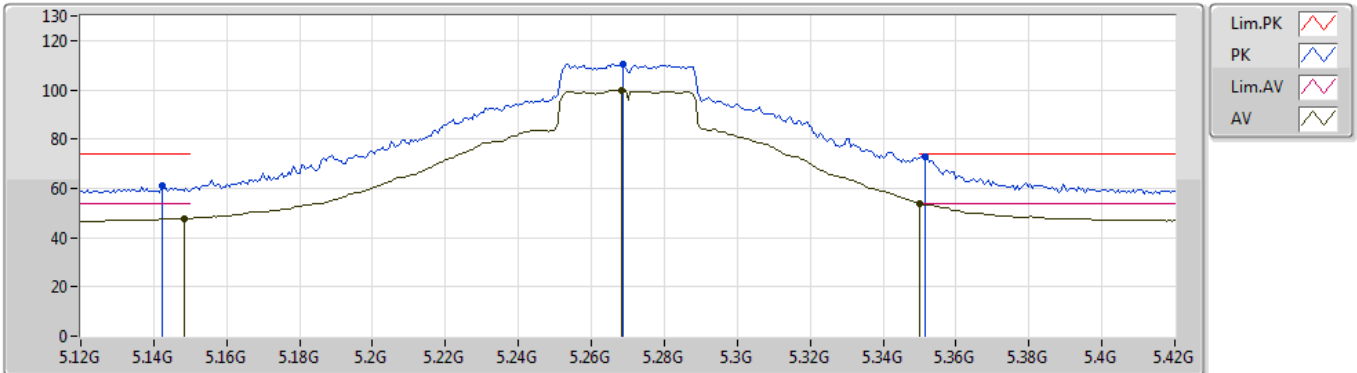
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Setting 1C
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.147G	60.02	74.00	-13.98	5.50	3	Vertical	194	2.77	-	54.52
AV	5.1476G	47.21	54.00	-6.79	5.50	3	Vertical	194	2.77	-	41.71
PK	5.2874G	106.66	Inf	-Inf	5.77	3	Vertical	194	2.77	-	100.89
AV	5.2862G	96.38	Inf	-Inf	5.77	3	Vertical	194	2.77	-	90.61
PK	5.3516G	71.92	74.00	-2.08	5.81	3	Vertical	194	2.77	-	66.11
AV	5.35G	53.78	54.00	-0.22	5.81	3	Vertical	194	2.77	-	47.97

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5270MHz_TX



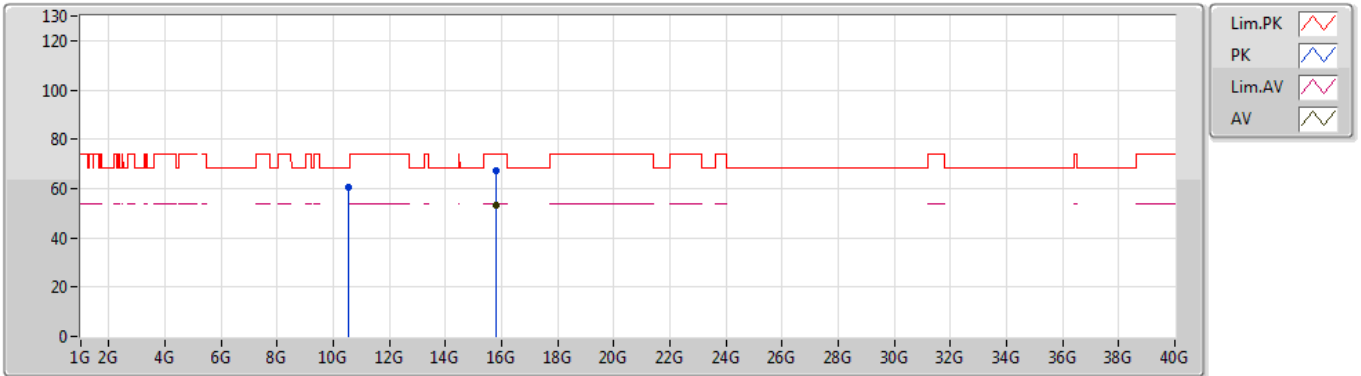
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Setting 1C
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1422G	60.94	74.00	-13.06	5.48	3	Horizontal	40	2.13	-	55.46			
AV	5.1482G	47.71	54.00	-6.29	5.50	3	Horizontal	40	2.13	-	42.21			
PK	5.2688G	110.50	Inf	-Inf	5.75	3	Horizontal	40	2.13	-	104.75			
AV	5.2682G	99.73	Inf	-Inf	5.75	3	Horizontal	40	2.13	-	93.98			
PK	5.3516G	72.99	74.00	-1.01	5.81	3	Horizontal	40	2.13	-	67.18			
AV	5.35G	53.93	54.00	-0.07	5.81	3	Horizontal	40	2.13	-	48.12			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5270MHz_TX



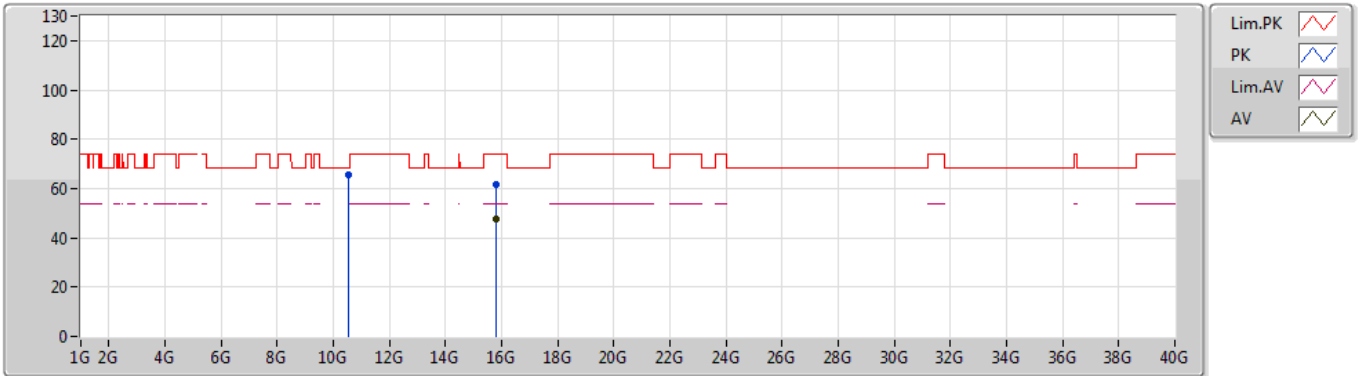
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Setting 1C
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.54102G	60.52	68.20	-7.68	12.35	3	Vertical	137	2.76	-	48.17			
PK	15.80618G	67.12	74.00	-6.88	13.43	3	Vertical	30	1.72	-	53.69			
AV	15.80544G	53.38	54.00	-0.62	13.43	3	Vertical	30	1.72	-	39.95			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5270MHz_TX



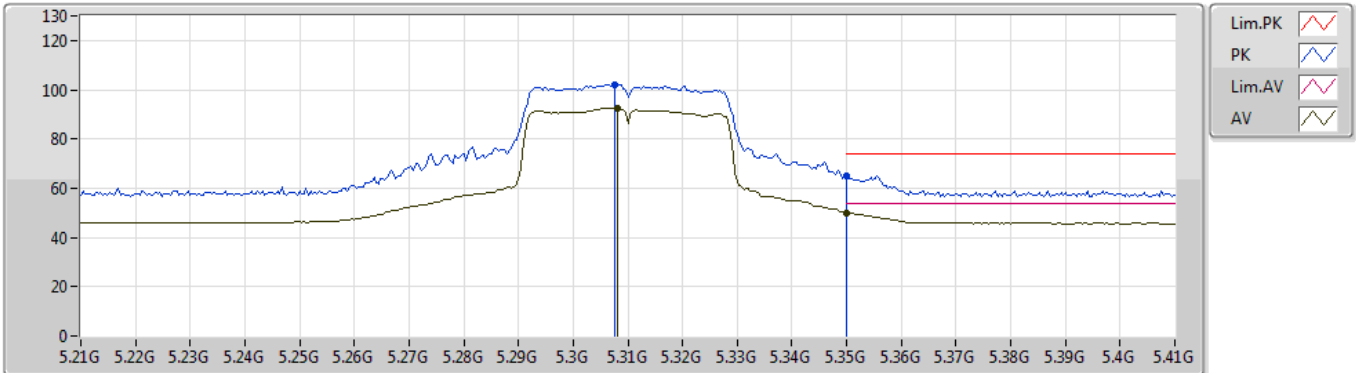
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Setting 1C
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.54094G	65.57	68.20	-2.63	12.35	3	Horizontal	229	1.98	-	53.22			
PK	15.8061G	61.76	74.00	-12.24	13.43	3	Horizontal	8	1.69	-	48.33			
AV	15.80534G	47.83	54.00	-6.17	13.43	3	Horizontal	8	1.69	-	34.40			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5310MHz_TX



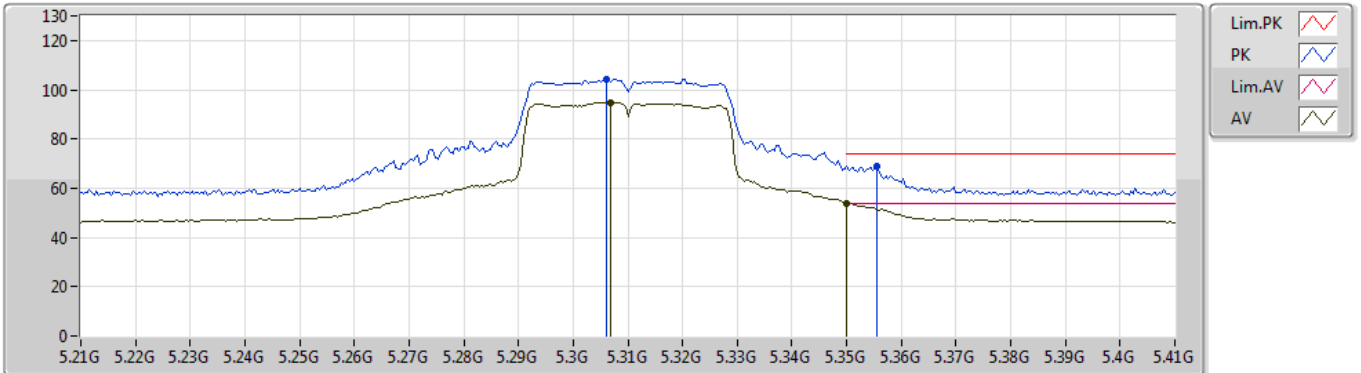
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Setting 09
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3076G	102.22	Inf	-Inf	5.80	3	Vertical	165	2.79	-	96.42			
AV	5.308G	92.41	Inf	-Inf	5.80	3	Vertical	165	2.79	-	86.61			
PK	5.35G	64.97	74.00	-9.03	5.81	3	Vertical	165	2.79	-	59.16			
AV	5.35G	50.12	54.00	-3.88	5.81	3	Vertical	165	2.79	-	44.31			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5310MHz_TX



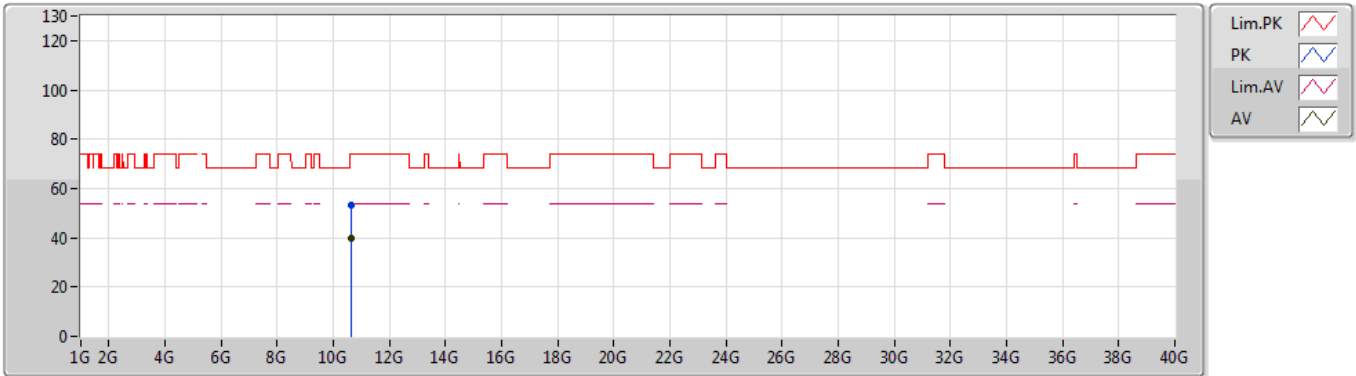
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Setting 09
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.306G	104.18	Inf	-Inf	5.80	3	Horizontal	42	1.90	-	98.38			
AV	5.3068G	94.86	Inf	-Inf	5.80	3	Horizontal	42	1.90	-	89.06			
PK	5.3556G	68.90	74.00	-5.10	5.82	3	Horizontal	42	1.90	-	63.08			
AV	5.3501G	53.94	54.00	-0.06	5.81	3	Horizontal	42	1.90	-	48.13			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5310MHz_TX



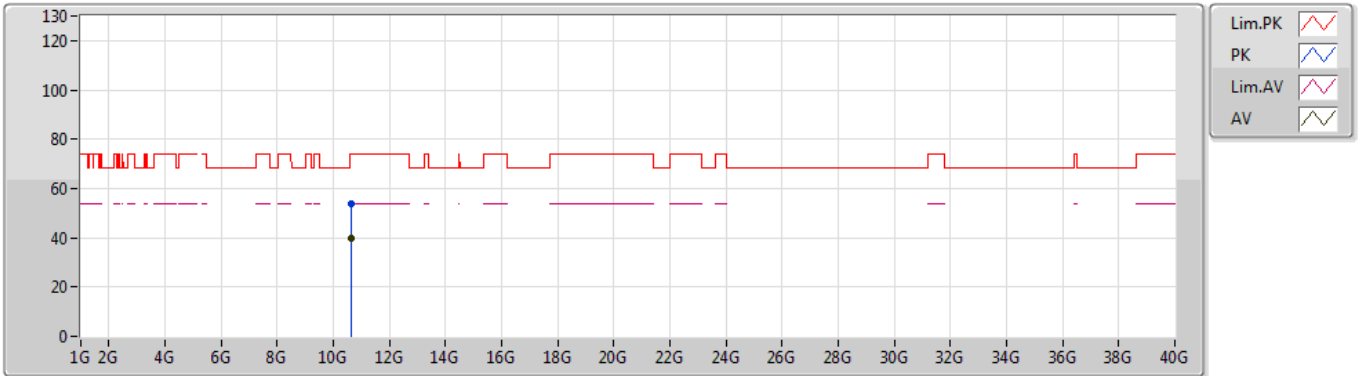
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Setting 09
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.6153G	53.47	74.00	-20.53	12.41	3	Vertical	291	2.87	-	41.06			
AV	10.61548G	39.61	54.00	-14.39	12.41	3	Vertical	291	2.87	-	27.20			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5310MHz_TX



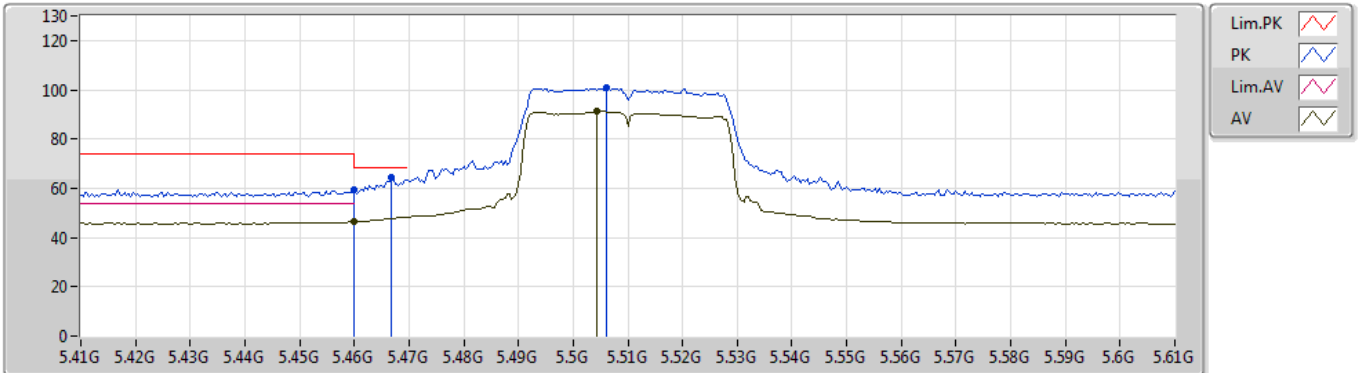
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Setting 09
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.6218G	53.85	74.00	-20.15	12.41	3	Horizontal	268	2.44	-	41.44			
AV	10.61536G	39.58	54.00	-14.42	12.41	3	Horizontal	268	2.44	-	27.17			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5510MHz_TX



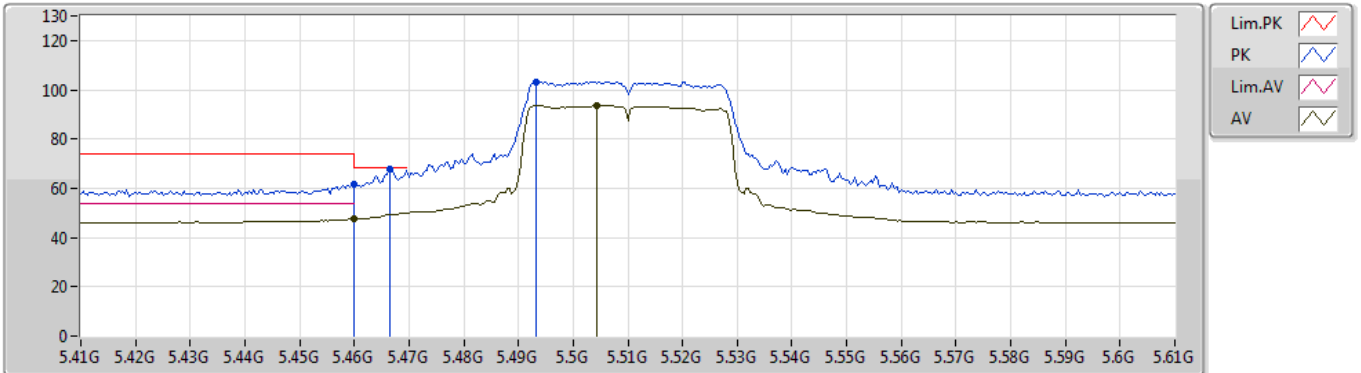
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Setting 09
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.46G	59.22	74.00	-14.78	6.01	3	Vertical	210	2.88	-	53.21			
AV	5.46G	46.32	54.00	-7.68	6.01	3	Vertical	210	2.88	-	40.31			
PK	5.4668G	64.31	68.20	-3.89	6.03	3	Vertical	210	2.88	-	58.28			
PK	5.506G	100.85	Inf	-Inf	6.12	3	Vertical	210	2.88	-	94.73			
AV	5.5044G	91.14	Inf	-Inf	6.13	3	Vertical	210	2.88	-	85.01			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5510MHz_TX



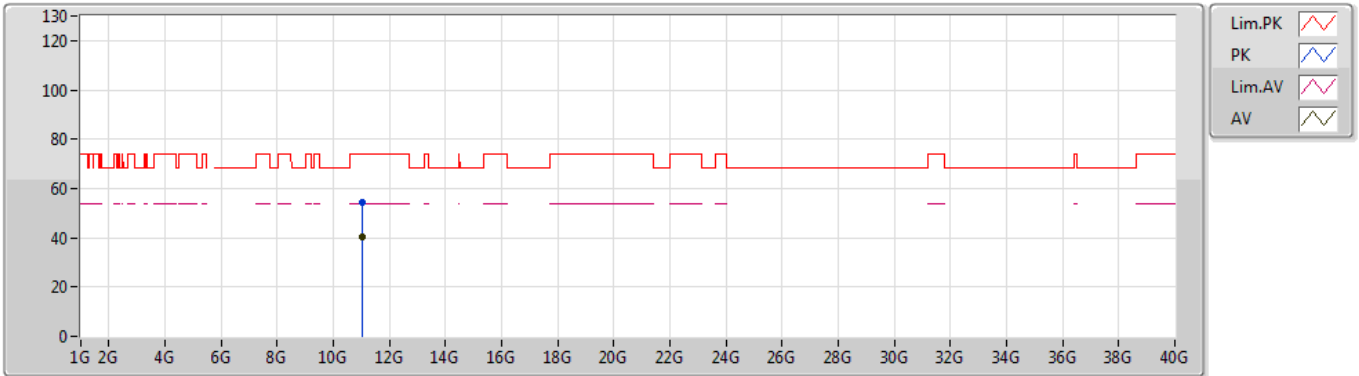
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Setting 09
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.46G	61.53	74.00	-12.47	6.01	3	Horizontal	41	1.95	-	55.52			
AV	5.46G	47.53	54.00	-6.47	6.01	3	Horizontal	41	1.95	-	41.52			
PK	5.4664G	67.97	68.20	-0.23	6.03	3	Horizontal	41	1.95	-	61.94			
PK	5.4932G	103.37	Inf	-Inf	6.10	3	Horizontal	41	1.95	-	97.27			
AV	5.5044G	93.66	Inf	-Inf	6.13	3	Horizontal	41	1.95	-	87.53			

802.11ac VHT40_Nss1,(MCS0)_1TX

08/11/2019

5510MHz_TX



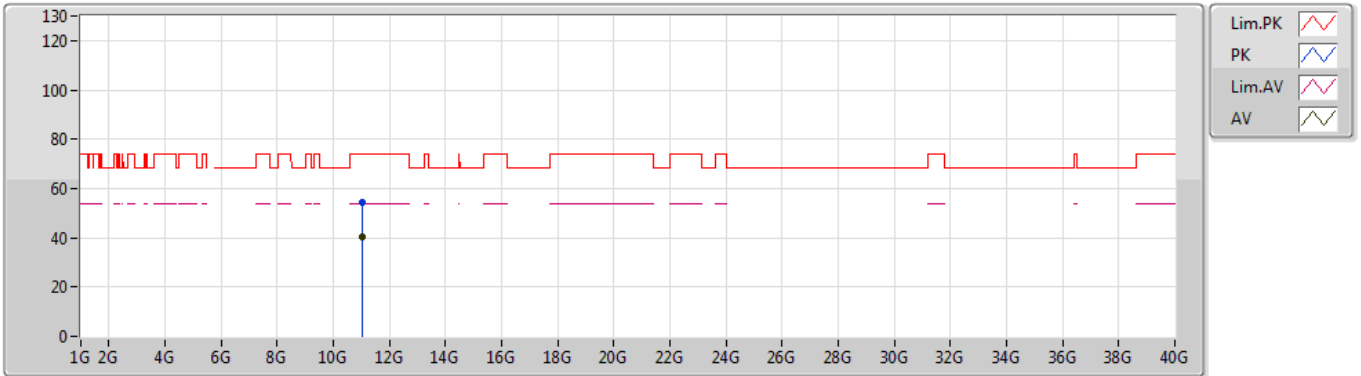
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Setting 09
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.02028G	54.47	74.00	-19.53	12.75	3	Vertical	122	1.35	-	41.72			
AV	11.0247G	40.25	54.00	-13.75	12.76	3	Vertical	122	1.35	-	27.49			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5510MHz_TX



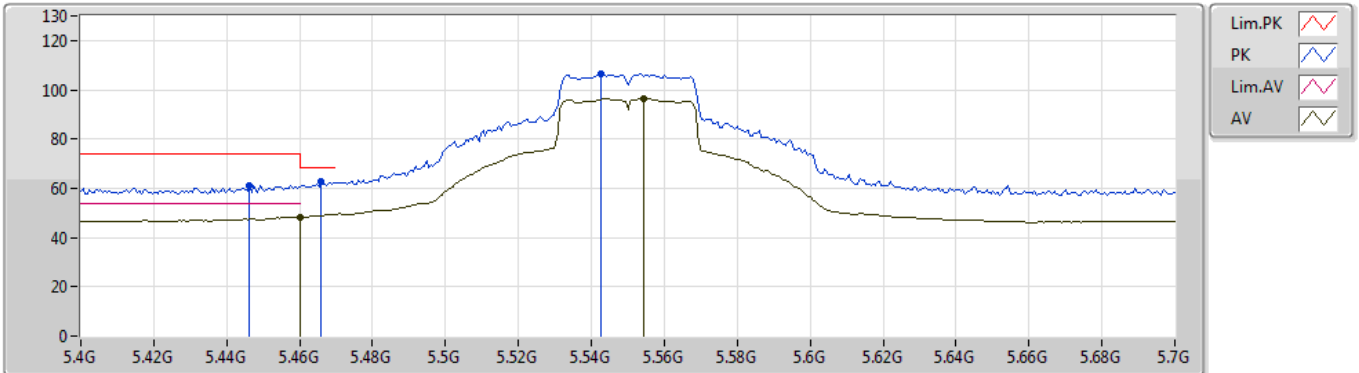
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Setting 09
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.01872G	54.51	74.00	-19.49	12.75	3	Horizontal	154	1.76	-	41.76			
AV	11.01728G	40.25	54.00	-13.75	12.75	3	Horizontal	154	1.76	-	27.50			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5550MHz_TX



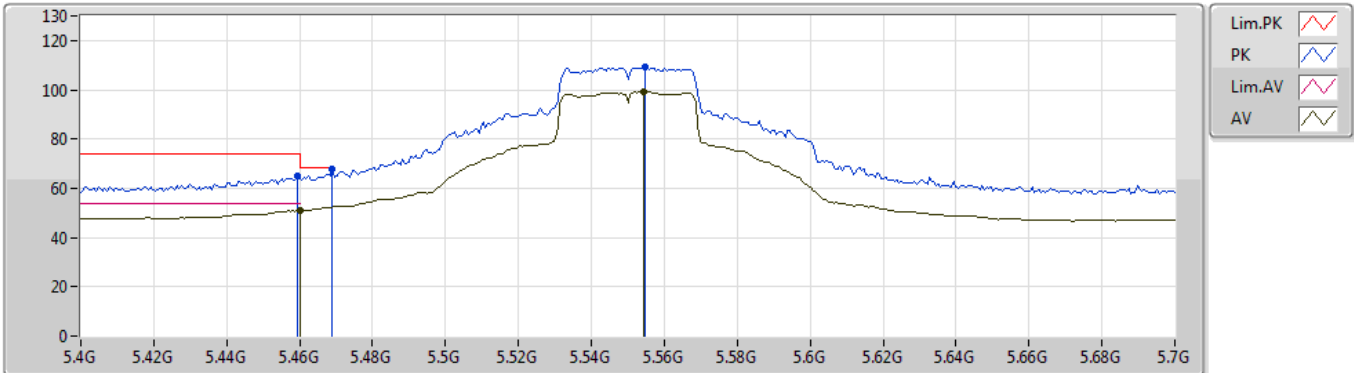
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Setting 18
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4462G	61.17	74.00	-12.83	5.97	3	Vertical	211	2.97	-	55.20			
PK	5.466G	62.60	68.20	-5.60	6.03	3	Vertical	211	2.97	-	56.57			
AV	5.46G	48.24	54.00	-5.76	6.01	3	Vertical	211	2.97	-	42.23			
PK	5.5428G	106.33	Inf	-Inf	6.15	3	Vertical	211	2.97	-	100.18			
AV	5.5542G	96.40	Inf	-Inf	6.15	3	Vertical	211	2.97	-	90.25			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5550MHz_TX



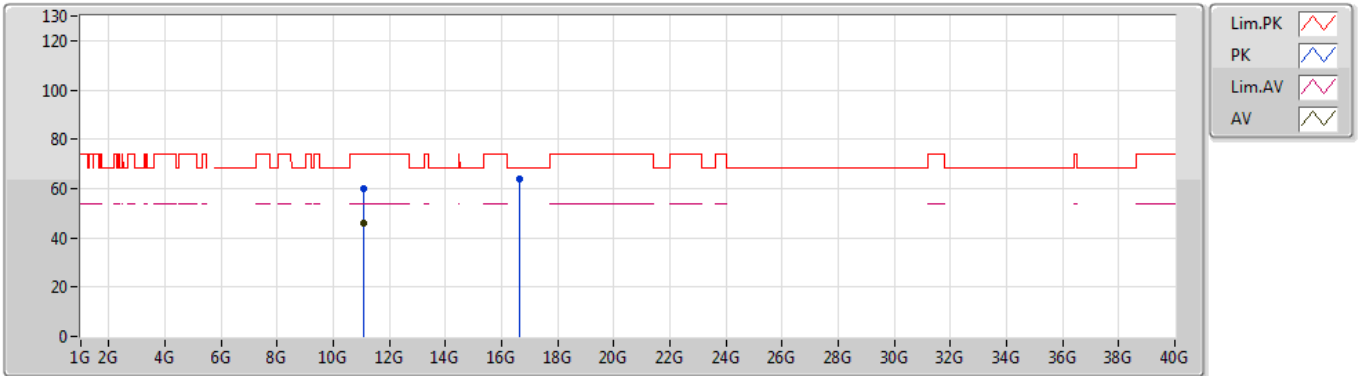
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Setting 18
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4594G	64.74	74.00	-9.26	6.01	3	Horizontal	42	2.09	-	58.73			
AV	5.46G	50.81	54.00	-3.19	6.01	3	Horizontal	42	2.09	-	44.80			
PK	5.469G	67.73	68.20	-0.47	6.03	3	Horizontal	42	2.09	-	61.70			
PK	5.5548G	109.05	Inf	-Inf	6.15	3	Horizontal	42	2.09	-	102.90			
AV	5.5542G	99.28	Inf	-Inf	6.15	3	Horizontal	42	2.09	-	93.13			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5550MHz_TX



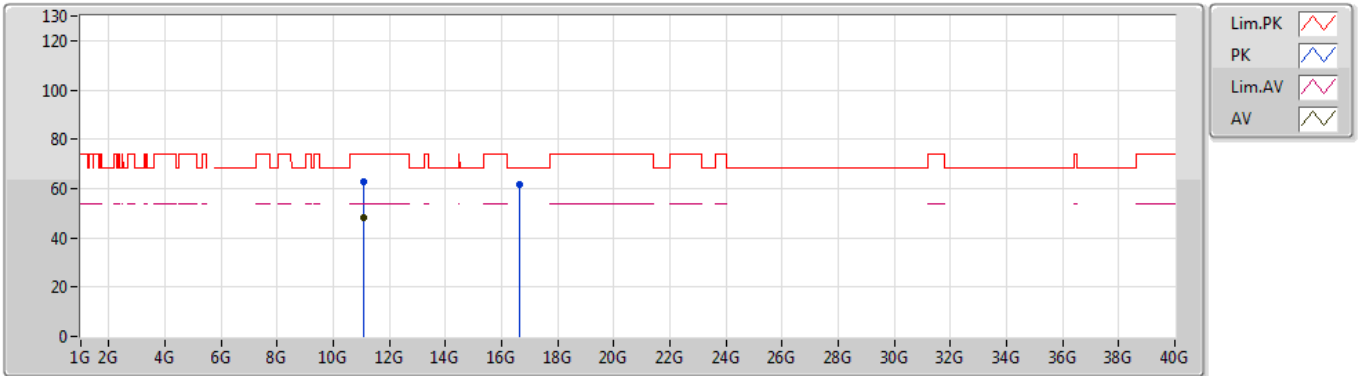
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Setting 18
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.101G	59.97	74.00	-14.03	12.79	3	Vertical	61	2.99	-	47.18			
AV	11.10008G	45.91	54.00	-8.09	12.79	3	Vertical	61	2.99	-	33.12			
PK	16.6436G	63.80	68.20	-4.40	14.92	3	Vertical	9	2.03	-	48.88			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5550MHz_TX



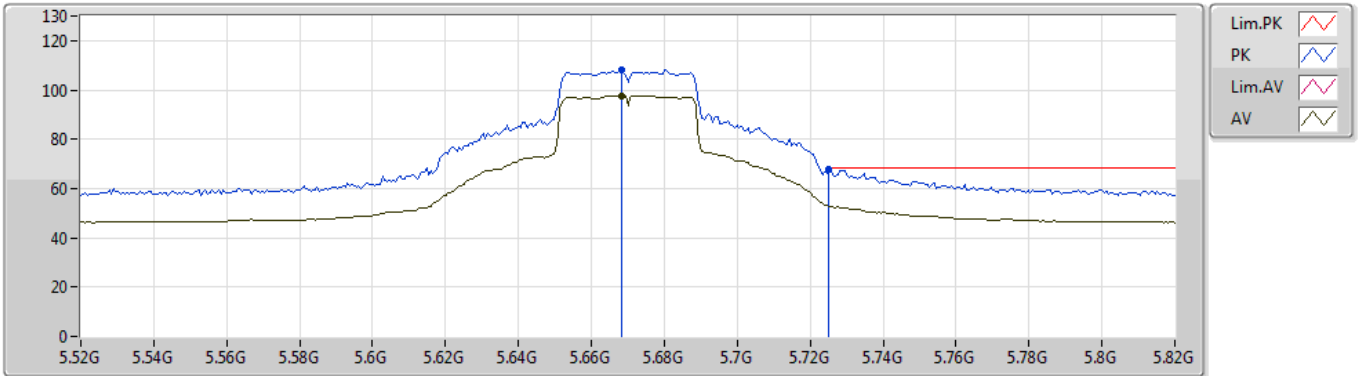
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Setting 18
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.10012G	62.65	74.00	-11.35	12.79	3	Horizontal	85	1.84	-	49.86			
AV	11.10008G	48.38	54.00	-5.62	12.79	3	Horizontal	85	1.84	-	35.59			
PK	16.64908G	61.84	68.20	-6.36	14.95	3	Horizontal	162	1.72	-	46.89			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5670MHz_TX



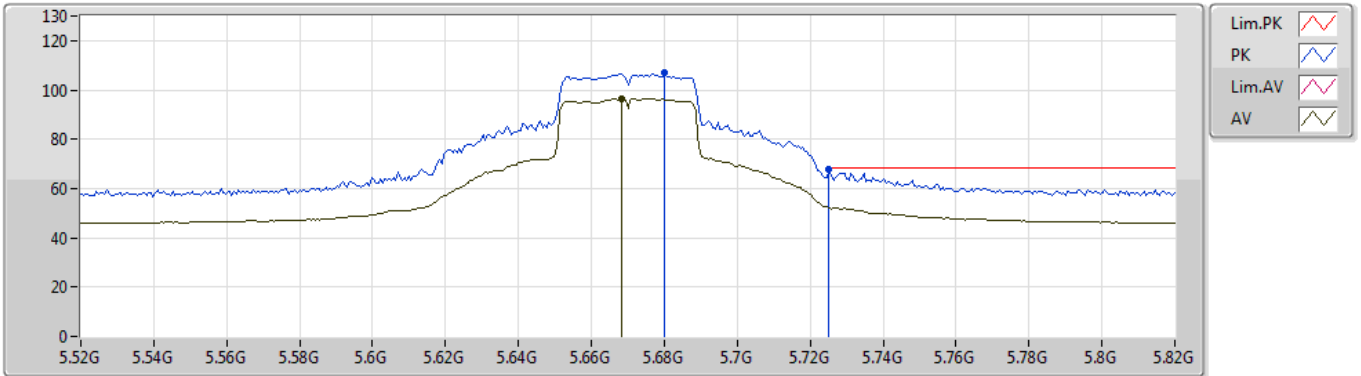
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Setting 17
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6682G	108.22	Inf	-Inf	6.00	3	Vertical	195	2.99	-	102.22			
AV	5.6682G	97.76	Inf	-Inf	6.00	3	Vertical	195	2.99	-	91.76			
PK	5.7252G	67.59	68.20	-0.61	5.89	3	Vertical	195	2.99	-	61.70			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5670MHz_TX



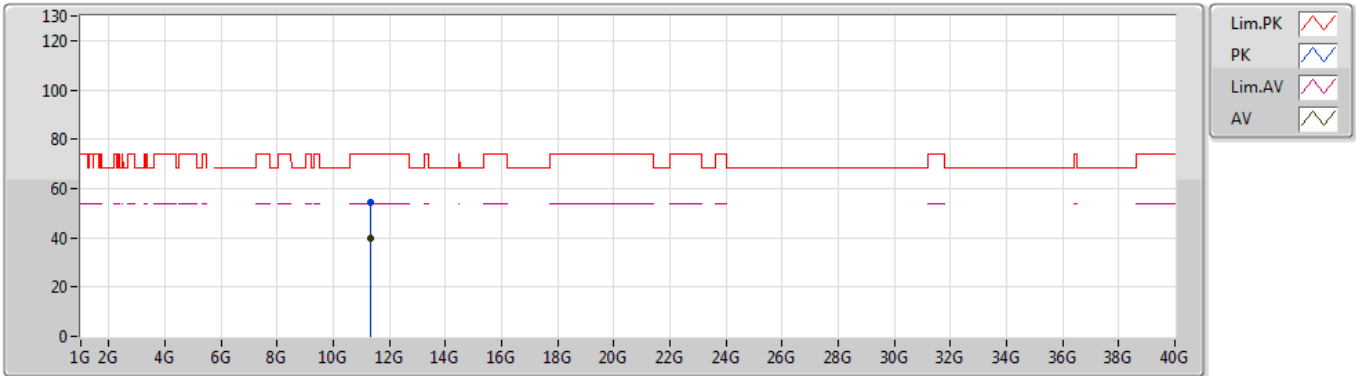
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Setting 17
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.6802G	106.85	Inf	-Inf	5.98	3	Horizontal	84	2.14	-	100.87
AV	5.6682G	96.33	Inf	-Inf	6.00	3	Horizontal	84	2.14	-	90.33
PK	5.7252G	67.77	68.20	-0.43	5.89	3	Horizontal	84	2.14	-	61.88

802.11ac VHT40_Nss1,(MCS0)_1TX

08/11/2019

5670MHz_TX



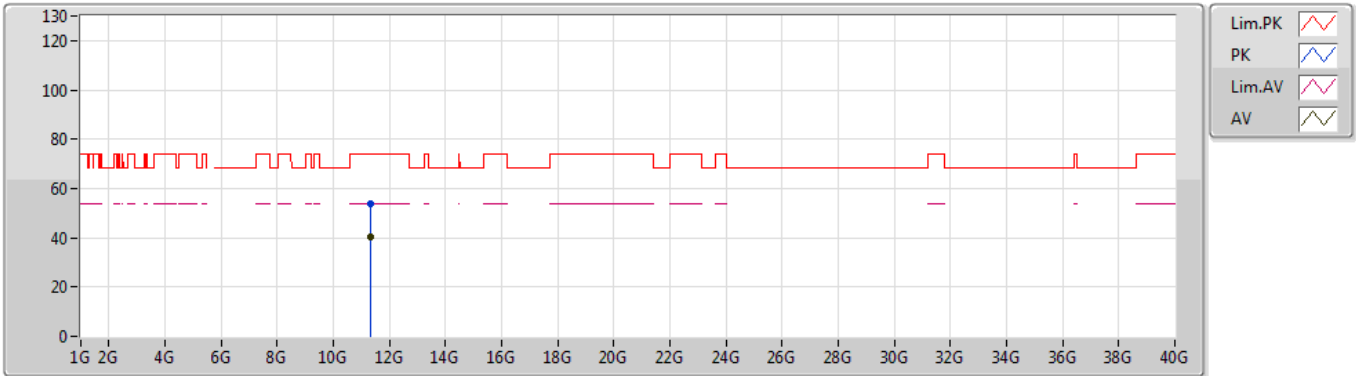
EUT_Z_1TX
Setting 17
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.33852G	54.53	74.00	-19.47	12.93	3	Vertical	178	1.33	-	41.60			
AV	11.34198G	40.03	54.00	-13.97	12.93	3	Vertical	178	1.33	-	27.10			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5670MHz_TX



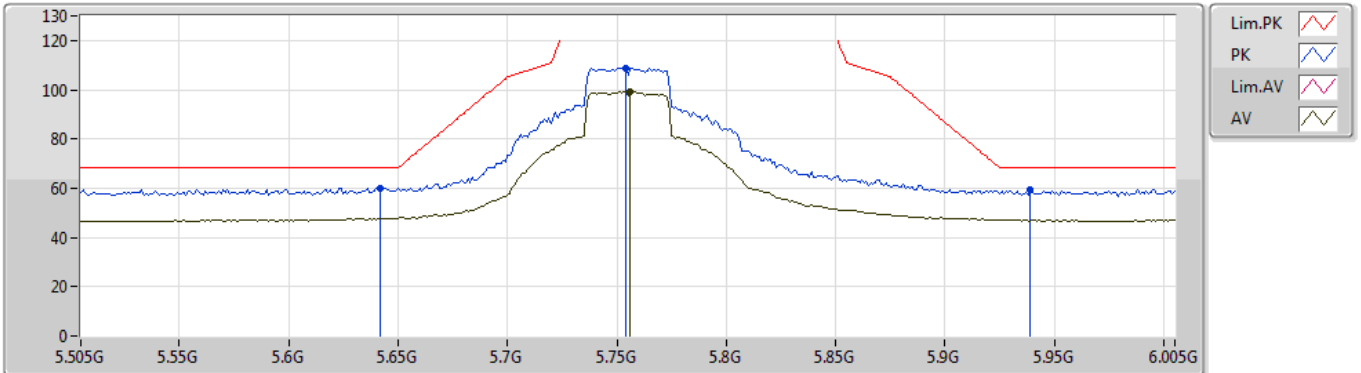
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Setting 17
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.33872G	53.70	74.00	-20.30	12.93	3	Horizontal	154	1.76	-	40.77			
AV	11.34218G	40.08	54.00	-13.92	12.93	3	Horizontal	154	1.76	-	27.15			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5755MHz_TX



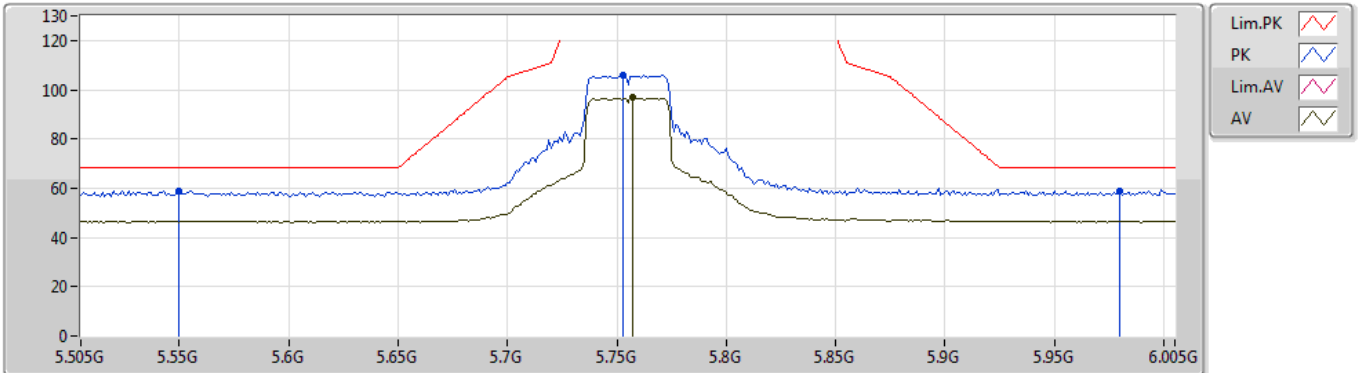
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Setting 1D
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.642G	60.21	68.20	-7.99	6.08	3	Vertical	195	2.91	-	54.13
PK	5.754G	108.86	Inf	-Inf	5.85	3	Vertical	195	2.91	-	103.01
AV	5.756G	99.38	Inf	-Inf	5.85	3	Vertical	195	2.91	-	93.53
PK	5.939G	59.29	68.20	-8.91	6.20	3	Vertical	195	2.91	-	53.09

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5755MHz_TX



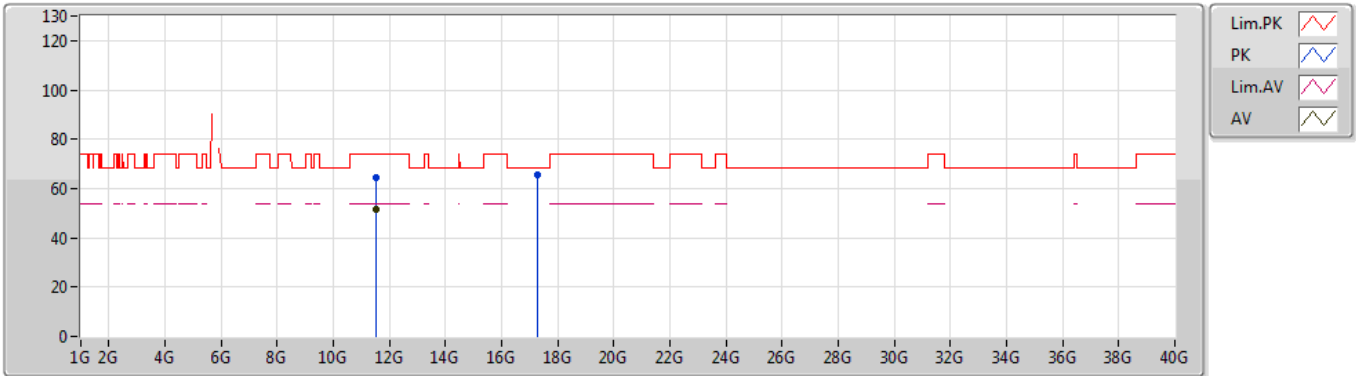
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Setting 1D
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.55G	59.00	68.20	-9.20	6.14	3	Horizontal	307	2.09	-	52.86
PK	5.753G	106.08	Inf	-Inf	5.85	3	Horizontal	307	2.09	-	100.23
AV	5.757G	96.87	Inf	-Inf	5.85	3	Horizontal	307	2.09	-	91.02
PK	5.98G	58.91	68.20	-9.29	6.34	3	Horizontal	307	2.09	-	52.57

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5755MHz_TX



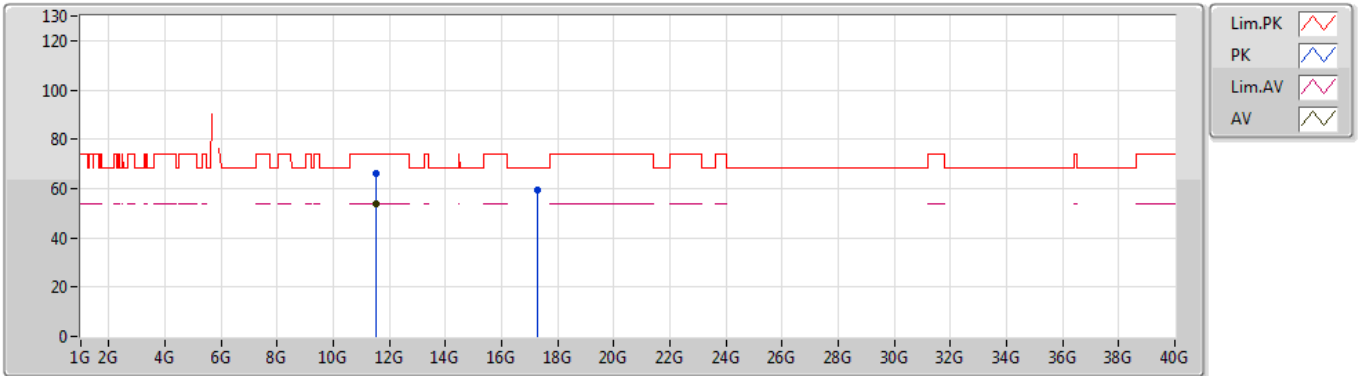
EUT_Z_1TX
Setting 1D
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.51046G	64.56	74.00	-9.44	13.01	3	Vertical	155	1.68	-	51.55			
AV	11.51008G	51.53	54.00	-2.47	13.01	3	Vertical	155	1.68	-	38.52			
PK	17.26738G	65.55	68.20	-2.65	17.50	3	Vertical	45	1.72	-	48.05			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5755MHz_TX



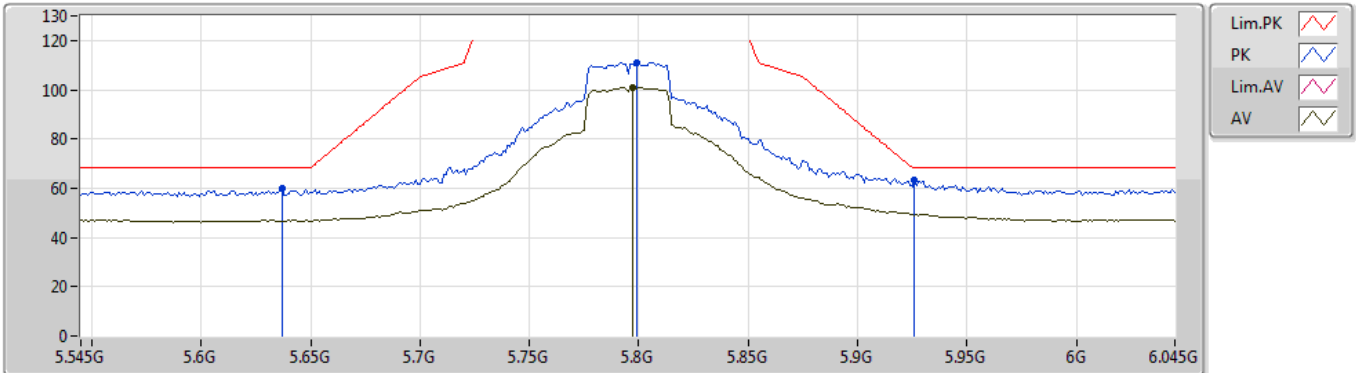
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Setting 1D
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.51066G	66.11	74.00	-7.89	13.01	3	Horizontal	70	1.91	-	53.10			
AV	11.51026G	53.67	54.00	-0.33	13.01	3	Horizontal	70	1.91	-	40.66			
PK	17.26152G	59.52	68.20	-8.68	17.46	3	Horizontal	152	1.72	-	42.06			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5795MHz_TX



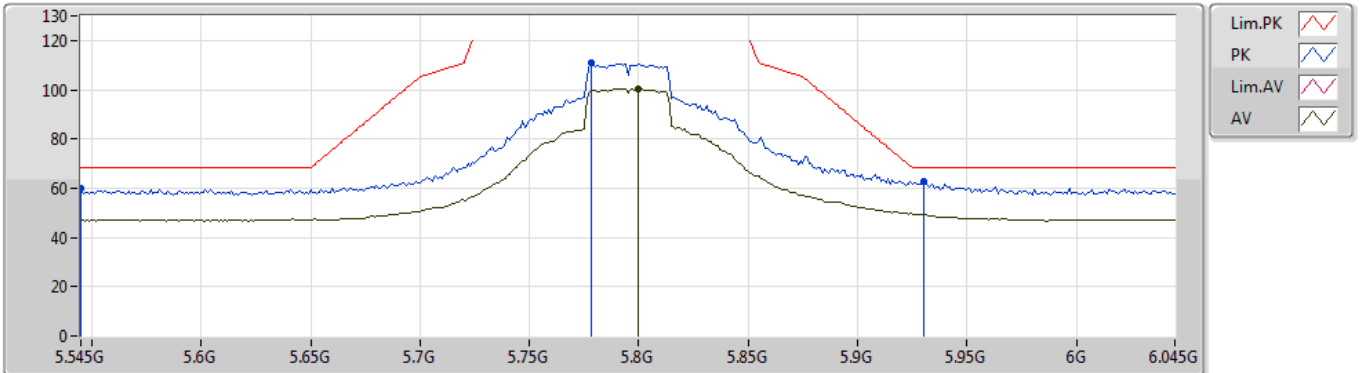
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Setting 1F
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.637G	59.82	68.20	-8.38	6.08	3	Vertical	193	2.99	-	53.74			
PK	5.799G	110.87	Inf	-Inf	5.78	3	Vertical	193	2.99	-	105.09			
AV	5.797G	100.78	Inf	-Inf	5.78	3	Vertical	193	2.99	-	95.00			
PK	5.926G	63.14	68.20	-5.06	6.15	3	Vertical	193	2.99	-	56.99			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5795MHz_TX



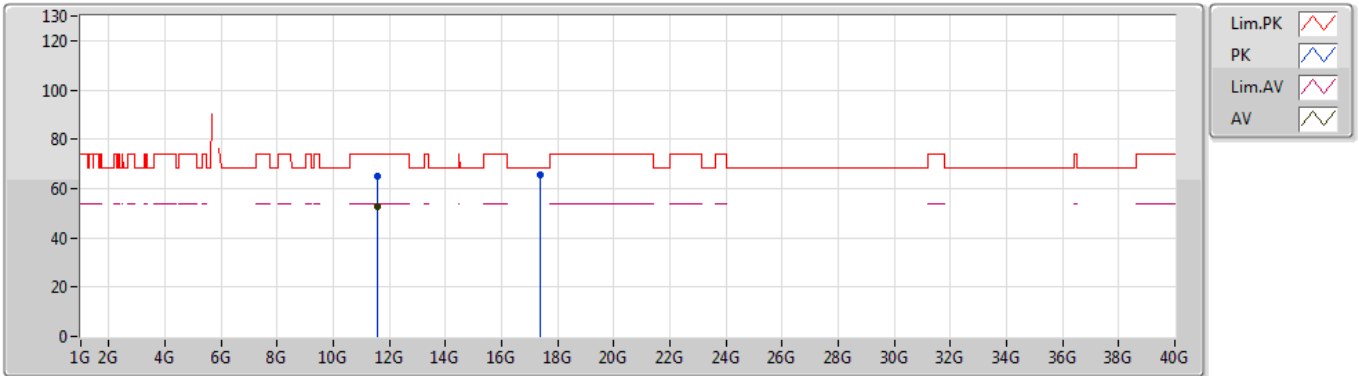
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Setting 1F
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.545G	59.87	68.20	-8.33	6.14	3	Horizontal	309	2.16	-	53.73
PK	5.778G	110.70	Inf	-Inf	5.81	3	Horizontal	309	2.16	-	104.89
AV	5.8G	100.41	Inf	-Inf	5.78	3	Horizontal	309	2.16	-	94.63
PK	5.93G	62.54	68.20	-5.66	6.16	3	Horizontal	309	2.16	-	56.38

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5795MHz_TX



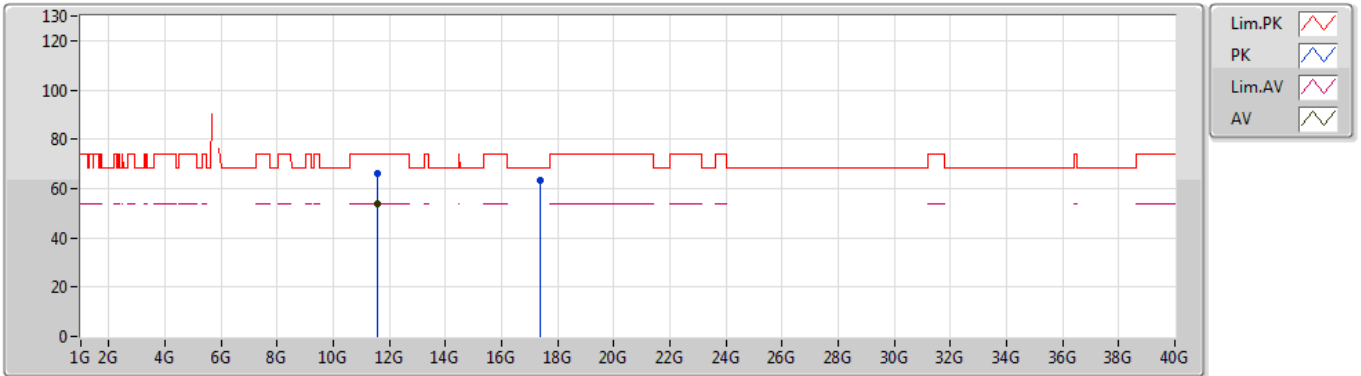
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Setting 1F
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.58936G	65.02	74.00	-8.98	13.05	3	Vertical	154	1.76	-	51.97			
AV	11.59002G	52.54	54.00	-1.46	13.05	3	Vertical	154	1.76	-	39.49			
PK	17.38996G	65.53	68.20	-2.67	18.13	3	Vertical	132	1.70	-	47.40			

802.11ac VHT40_Nss1,(MCS0)_1TX

21/09/2019

5795MHz_TX



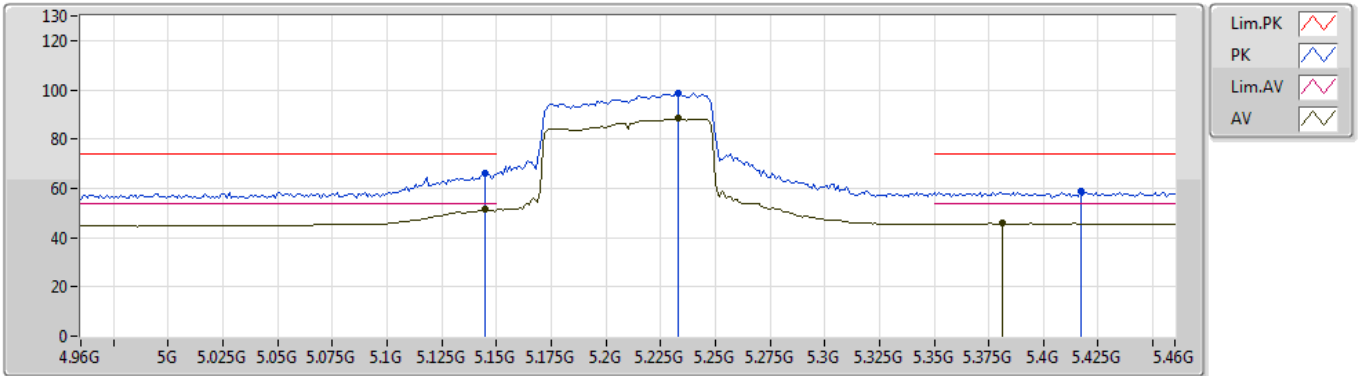
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Setting 1F
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.58918G	66.11	74.00	-7.89	13.05	3	Horizontal	288	1.68	-	53.06			
AV	11.59004G	53.71	54.00	-0.29	13.05	3	Horizontal	288	1.68	-	40.66			
PK	17.386G	63.46	68.20	-4.74	18.11	3	Horizontal	154	1.68	-	45.35			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5210MHz_TX



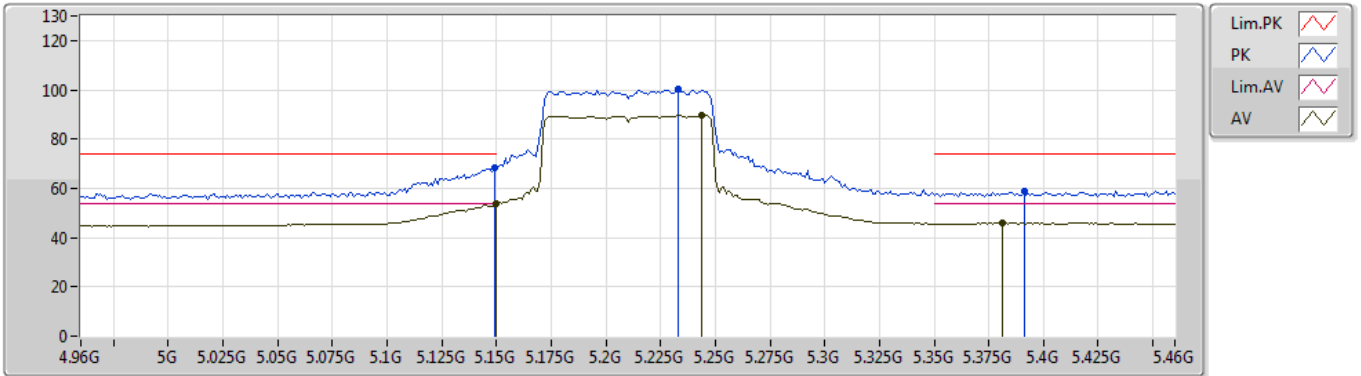
EUT Z_1TX
Setting 06
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.145G	66.32	74.00	-7.68	5.50	3	Vertical	163	2.99	-	60.82			
AV	5.145G	51.58	54.00	-2.42	5.50	3	Vertical	163	2.99	-	46.08			
PK	5.233G	98.79	Inf	-Inf	5.69	3	Vertical	163	2.99	-	93.10			
AV	5.233G	88.34	Inf	-Inf	5.69	3	Vertical	163	2.99	-	82.65			
PK	5.417G	58.56	74.00	-15.44	5.89	3	Vertical	163	2.99	-	52.67			
AV	5.381G	45.80	54.00	-8.20	5.83	3	Vertical	163	2.99	-	39.97			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5210MHz_TX



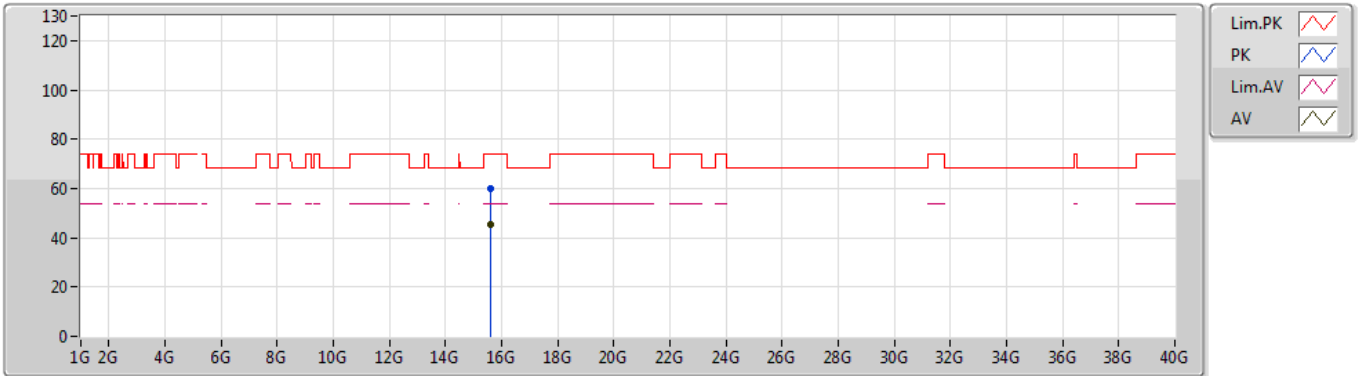
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Setting 06
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.149G	68.27	74.00	-5.73	5.50	3	Horizontal	40	2.05	-	62.77
AV	5.1499G	53.74	54.00	-0.26	5.50	3	Horizontal	40	2.05	-	48.24
PK	5.233G	100.23	Inf	-Inf	5.69	3	Horizontal	40	2.05	-	94.54
AV	5.244G	89.76	Inf	-Inf	5.71	3	Horizontal	40	2.05	-	84.05
PK	5.391G	59.05	74.00	-14.95	5.83	3	Horizontal	40	2.05	-	53.22
AV	5.381G	45.77	54.00	-8.23	5.83	3	Horizontal	40	2.05	-	39.94

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5210MHz_TX



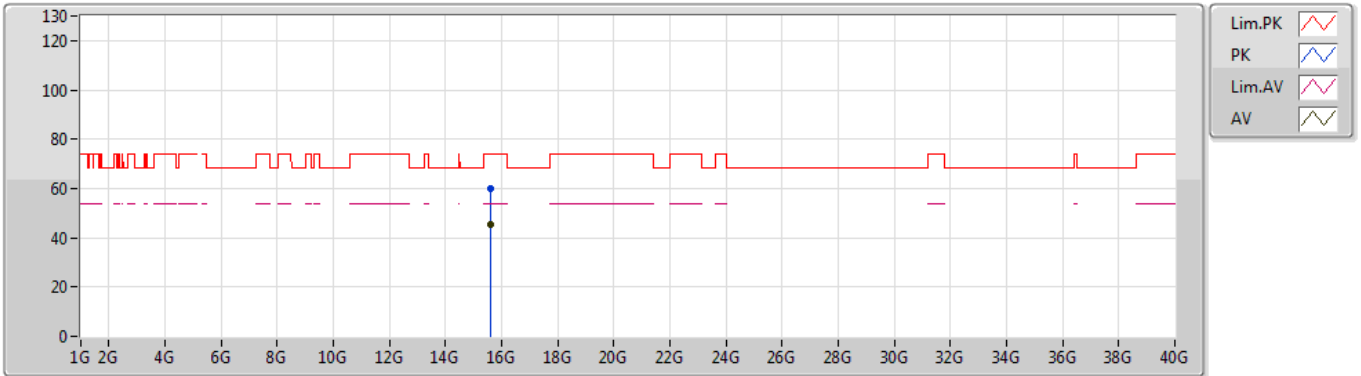
EUT_Z_1TX
Setting 06
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.62916G	59.69	74.00	-14.31	14.08	3	Vertical	176	2.23	-	45.61			
AV	15.63026G	45.30	54.00	-8.70	14.08	3	Vertical	176	2.23	-	31.22			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5210MHz_TX



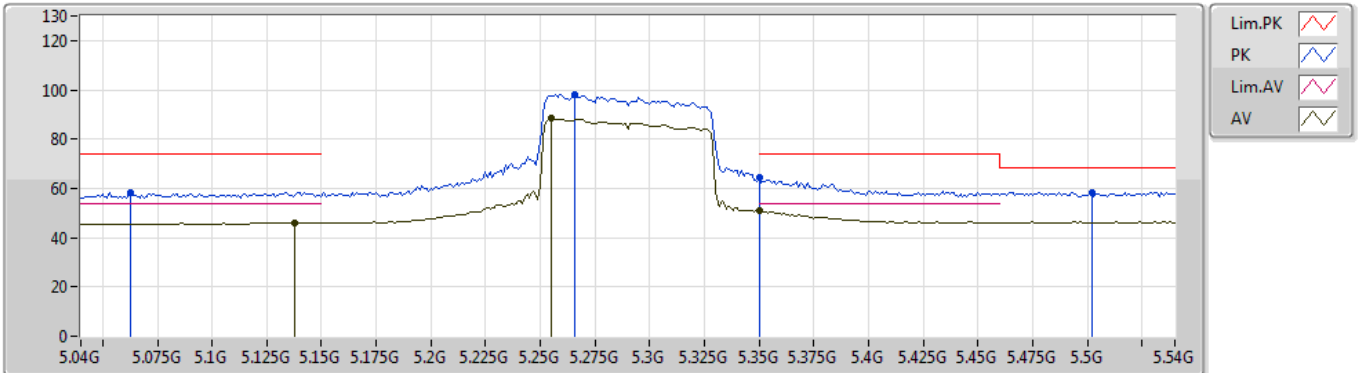
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Setting 06
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.62694G	59.85	74.00	-14.15	14.08	3	Horizontal	154	1.76	-	45.77			
AV	15.62848G	45.24	54.00	-8.76	14.08	3	Horizontal	154	1.76	-	31.16			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5290MHz_TX



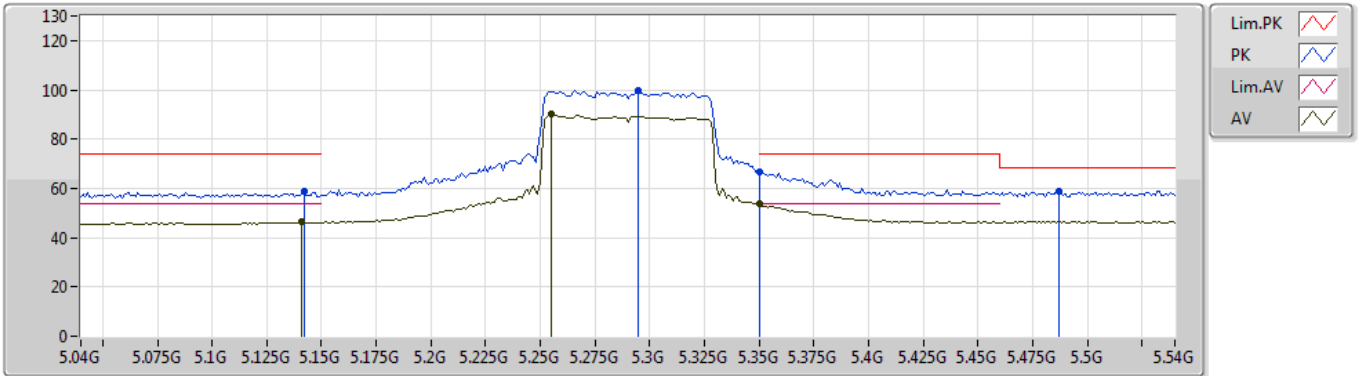
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Setting 05
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.063G	58.53	74.00	-15.47	5.23	3	Vertical	164	2.97	-	53.30			
AV	5.138G	46.03	54.00	-7.97	5.47	3	Vertical	164	2.97	-	40.56			
PK	5.266G	98.03	Inf	-Inf	5.74	3	Vertical	164	2.97	-	92.29			
AV	5.255G	88.28	Inf	-Inf	5.72	3	Vertical	164	2.97	-	82.56			
PK	5.35G	64.41	74.00	-9.59	5.81	3	Vertical	164	2.97	-	58.60			
AV	5.35G	50.76	54.00	-3.24	5.81	3	Vertical	164	2.97	-	44.95			
PK	5.502G	58.07	68.20	-10.13	6.12	3	Vertical	164	2.97	-	51.95			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5290MHz_TX



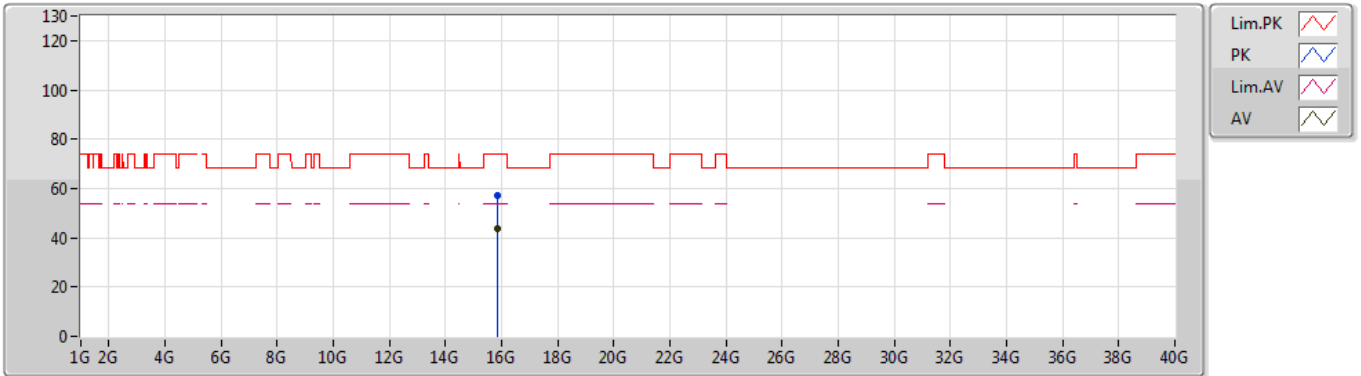
EUT Z_1TX
Setting 05
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.142G	58.94	74.00	-15.06	5.48	3	Horizontal	45	2.06	-	53.46
AV	5.141G	46.25	54.00	-7.75	5.48	3	Horizontal	45	2.06	-	40.77
PK	5.295G	99.80	Inf	-Inf	5.78	3	Horizontal	45	2.06	-	94.02
AV	5.255G	90.10	Inf	-Inf	5.72	3	Horizontal	45	2.06	-	84.38
PK	5.35G	66.90	74.00	-7.10	5.81	3	Horizontal	45	2.06	-	61.09
AV	5.35G	53.76	54.00	-0.24	5.81	3	Horizontal	45	2.06	-	47.95
PK	5.487G	59.09	68.20	-9.11	6.09	3	Horizontal	45	2.06	-	53.00

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5290MHz_TX



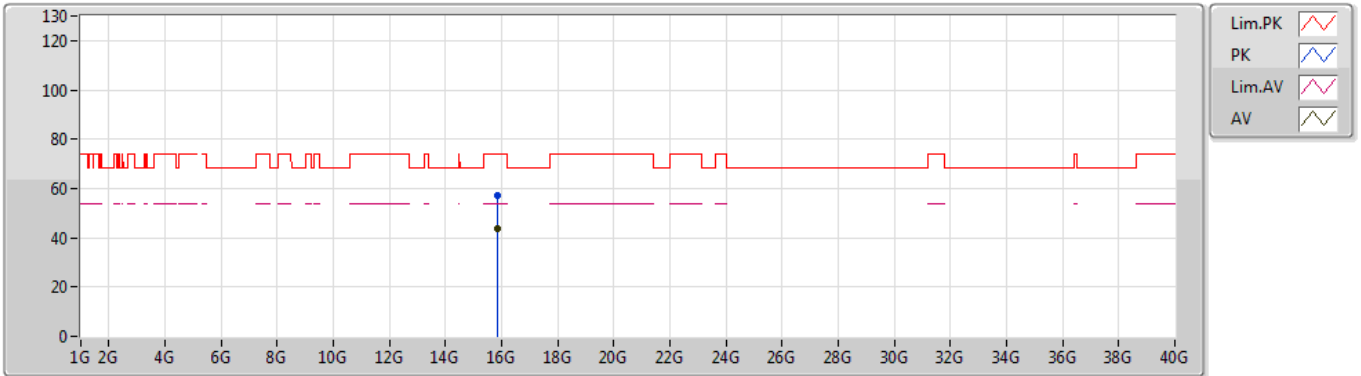
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Setting 05
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.87236G	56.90	74.00	-17.10	13.20	3	Vertical	68	1.21	-	43.70			
AV	15.87082G	43.82	54.00	-10.18	13.21	3	Vertical	68	1.21	-	30.61			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5290MHz_TX



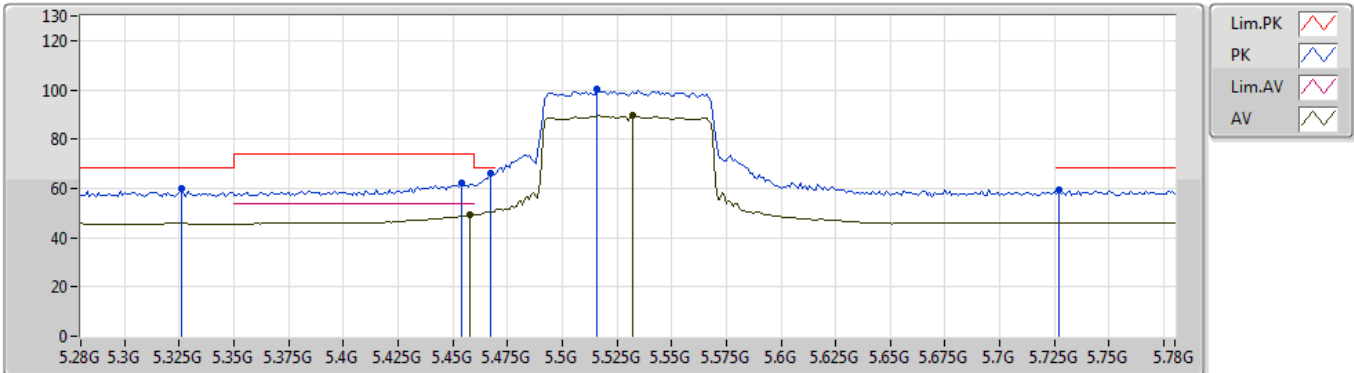
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Setting 05
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.87178G	57.22	74.00	-16.78	13.20	3	Horizontal	337	2.40	-	44.02			
AV	15.87156G	43.94	54.00	-10.06	13.21	3	Horizontal	337	2.40	-	30.73			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5530MHz_TX



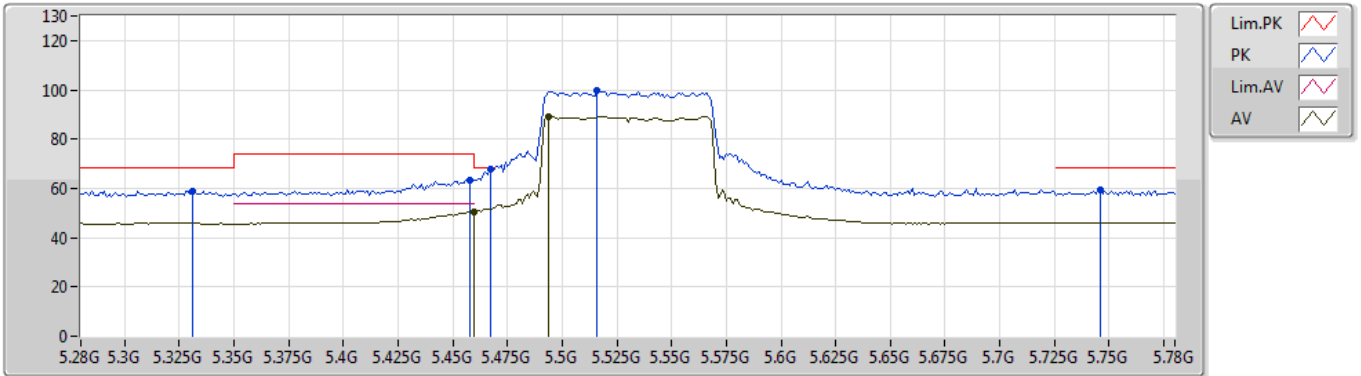
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Setting 07
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.326G	59.74	68.20	-8.46	5.81	3	Vertical	189	2.99	-	53.93			
PK	5.454G	62.25	74.00	-11.75	5.99	3	Vertical	189	2.99	-	56.26			
AV	5.458G	49.26	54.00	-4.74	6.00	3	Vertical	189	2.99	-	43.26			
PK	5.467G	66.14	68.20	-2.06	6.03	3	Vertical	189	2.99	-	60.11			
PK	5.516G	100.35	Inf	-Inf	6.13	3	Vertical	189	2.99	-	94.22			
AV	5.532G	89.45	Inf	-Inf	6.14	3	Vertical	189	2.99	-	83.31			
PK	5.727G	59.62	68.20	-8.58	5.88	3	Vertical	189	2.99	-	53.74			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5530MHz_TX



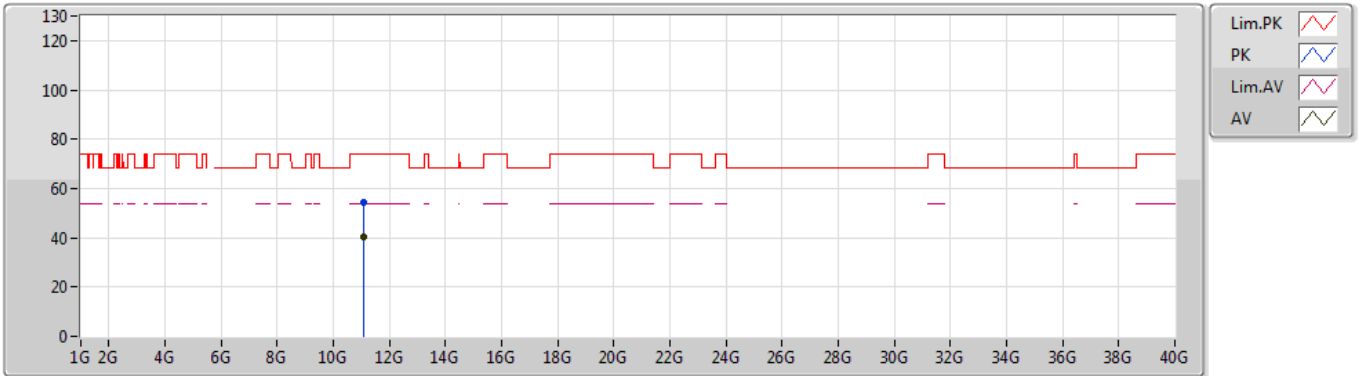
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Setting 07
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.331G	58.79	68.20	-9.41	5.81	3	Horizontal	46	2.03	-	52.98			
PK	5.458G	63.48	74.00	-10.52	6.00	3	Horizontal	46	2.03	-	57.48			
AV	5.46G	50.60	54.00	-3.40	6.01	3	Horizontal	46	2.03	-	44.59			
PK	5.467G	67.98	68.20	-0.22	6.03	3	Horizontal	46	2.03	-	61.95			
PK	5.516G	99.88	Inf	-Inf	6.13	3	Horizontal	46	2.03	-	93.75			
AV	5.494G	89.29	Inf	-Inf	6.10	3	Horizontal	46	2.03	-	83.19			
PK	5.746G	59.12	68.20	-9.08	5.86	3	Horizontal	46	2.03	-	53.26			

802.11ac VHT80_Nss1,(MCS0)_1TX

08/11/2019

5530MHz_TX



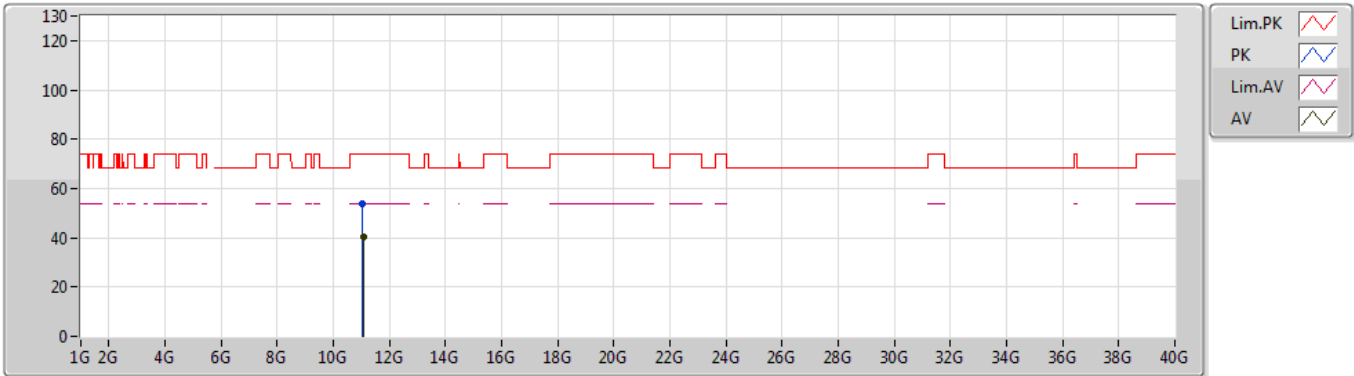
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Setting 07
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.06078G	54.14	74.00	-19.86	12.77	3	Vertical	199	1.66	-	41.37			
AV	11.06138G	40.13	54.00	-13.87	12.77	3	Vertical	199	1.66	-	27.36			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5530MHz_TX



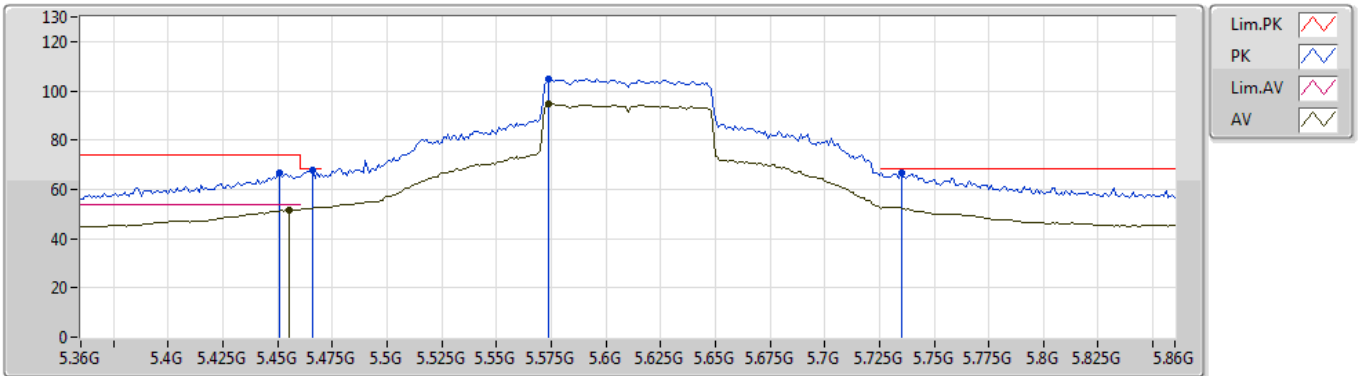
EUT_Z_1TX
Setting 07
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0553G	53.88	74.00	-20.12	12.77	3	Horizontal	154	1.76	-	41.11			
AV	11.06112G	40.19	54.00	-13.81	12.77	3	Horizontal	154	1.76	-	27.42			

802.11ac VHT80_Nss1,(MCS0)_1TX

07/11/2019

5610MHz_TX



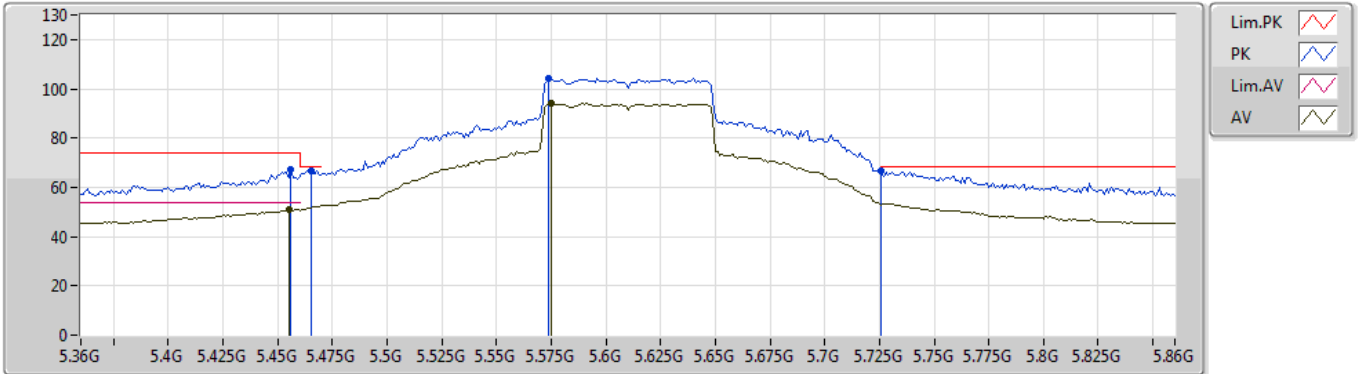
EUT_Z_1TX
Setting 19
05-K-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.451G	66.82	74.00	-7.18	1.54	3	Vertical	185	2.87	-	65.28			
AV	5.455G	51.66	54.00	-2.34	1.55	3	Vertical	185	2.87	-	50.11			
PK	5.466G	67.77	68.20	-0.43	1.56	3	Vertical	185	2.87	-	66.21			
PK	5.574G	104.84	Inf	-Inf	1.61	3	Vertical	185	2.87	-	103.23			
AV	5.574G	94.73	Inf	-Inf	1.61	3	Vertical	185	2.87	-	93.12			
PK	5.735G	66.69	68.20	-1.51	2.05	3	Vertical	185	2.87	-	64.64			

802.11ac VHT80_Nss1,(MCS0)_1TX

07/11/2019

5610MHz_TX



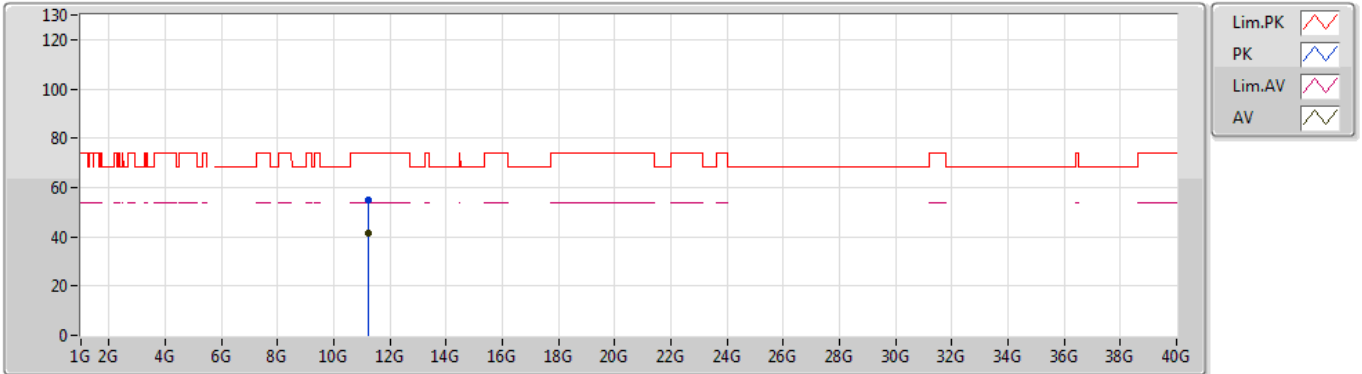
EUT_Z_1TX
Setting 19
05-K-3-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.456G	67.02	74.00	-6.98	1.55	3	Horizontal	40	2.11	-	65.47			
AV	5.455G	50.94	54.00	-3.06	1.55	3	Horizontal	40	2.11	-	49.39			
PK	5.465G	66.92	68.20	-1.28	1.56	3	Horizontal	40	2.11	-	65.36			
PK	5.574G	104.31	Inf	-Inf	1.61	3	Horizontal	40	2.11	-	102.70			
AV	5.575G	94.35	Inf	-Inf	1.61	3	Horizontal	40	2.11	-	92.74			
PK	5.726G	66.45	68.20	-1.75	2.01	3	Horizontal	40	2.11	-	64.44			

802.11ac VHT80_Nss1,(MCS0)_1TX

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5610MHz_TX



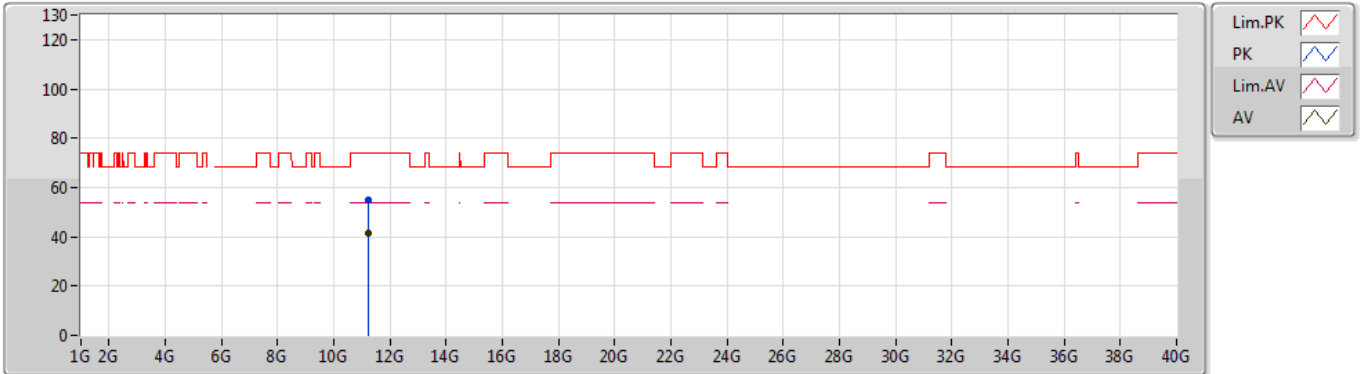
EUT Z_1TX
Setting 19
05-K-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.21892G	54.78	74.00	-19.22	12.80	3	Vertical	295	1.73	-	41.98			
AV	11.22024G	41.29	54.00	-12.71	12.80	3	Vertical	295	1.73	-	28.49			

802.11ac VHT80_Nss1,(MCS0)_1TX

07/11/2019

5610MHz_TX



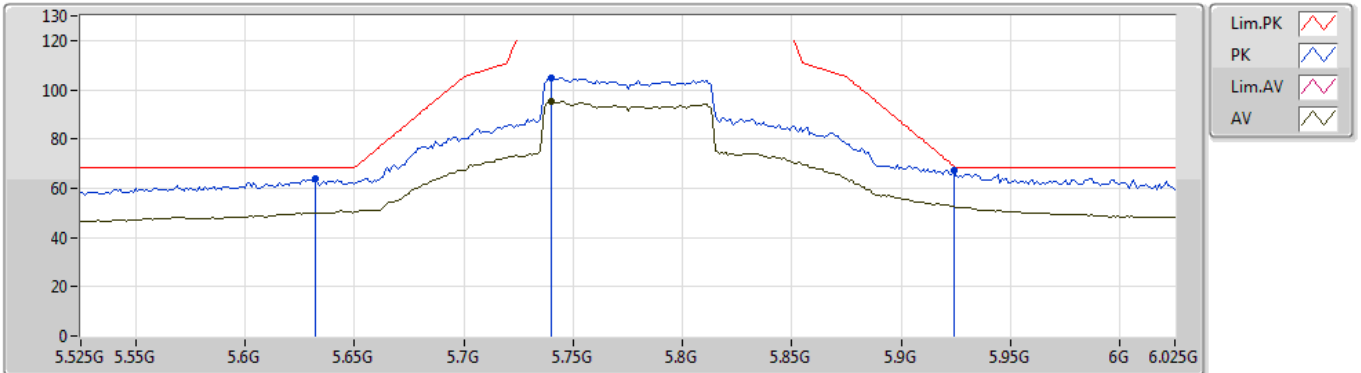
EUT Z_1TX
Setting 19
05-K-3
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.22696G	54.68	74.00	-19.32	12.80	3	Horizontal	132	2.02	-	41.88			
AV	11.22442G	41.28	54.00	-12.72	12.79	3	Horizontal	132	2.02	-	28.49			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5775MHz_TX



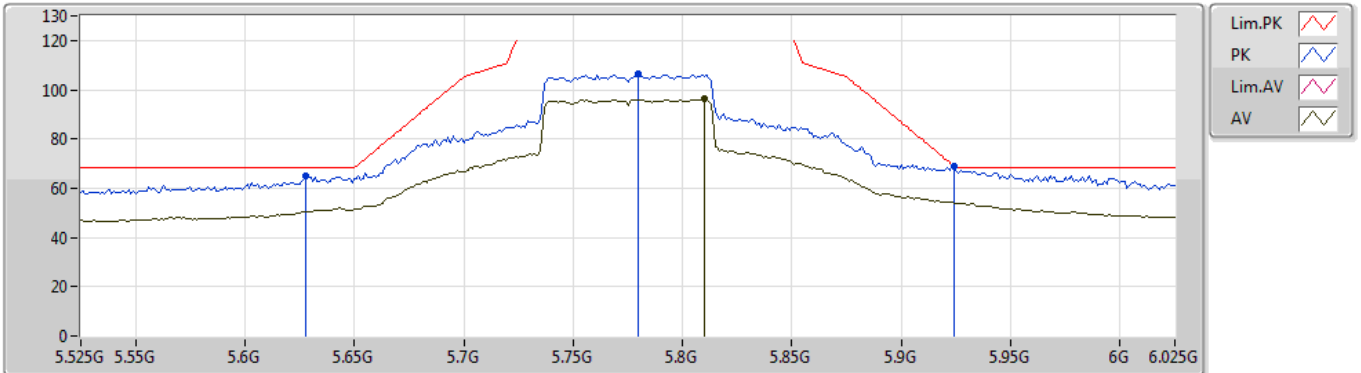
EUT Z_1TX
Setting 18
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm/MHz)			
PK	5.632G	63.80	68.20	-4.40	6.10	3	Vertical	194	2.93	-	57.70			
PK	5.74G	104.92	Inf	-Inf	5.87	3	Vertical	194	2.93	-	99.05			
AV	5.74G	95.26	Inf	-Inf	5.87	3	Vertical	194	2.93	-	89.39			
PK	5.924G	66.97	68.94	-1.97	6.14	3	Vertical	194	2.93	-	60.83			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5775MHz_TX



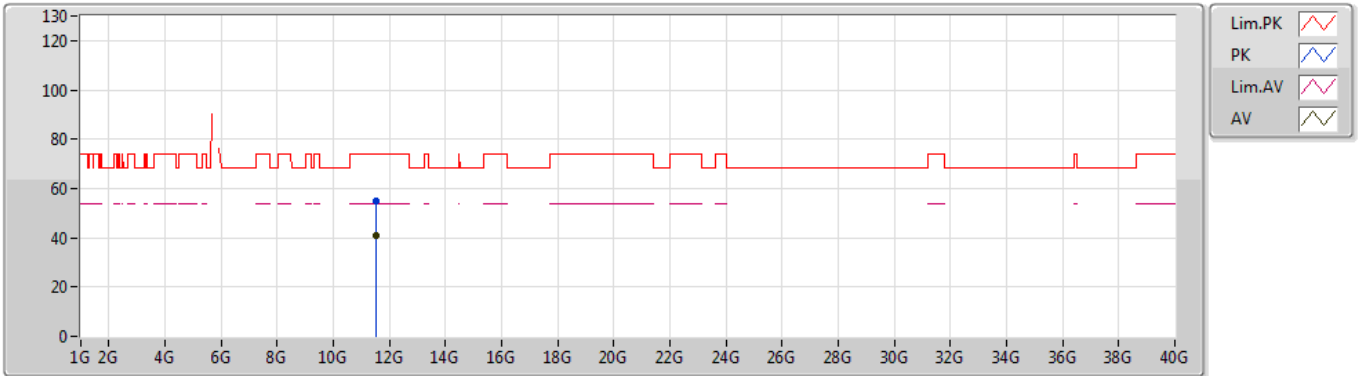
EUT_Z_1TX
Setting 18
03-S-5-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.628G	65.10	68.20	-3.10	6.10	3	Horizontal	303	2.06	-	59.00			
PK	5.78G	106.58	Inf	-Inf	5.81	3	Horizontal	303	2.06	-	100.77			
AV	5.81G	96.15	Inf	-Inf	5.81	3	Horizontal	303	2.06	-	90.34			
PK	5.924G	68.76	68.94	-0.18	6.14	3	Horizontal	303	2.06	-	62.62			

802.11ac VHT80_Nss1,(MCS0)_1TX

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5775MHz_TX



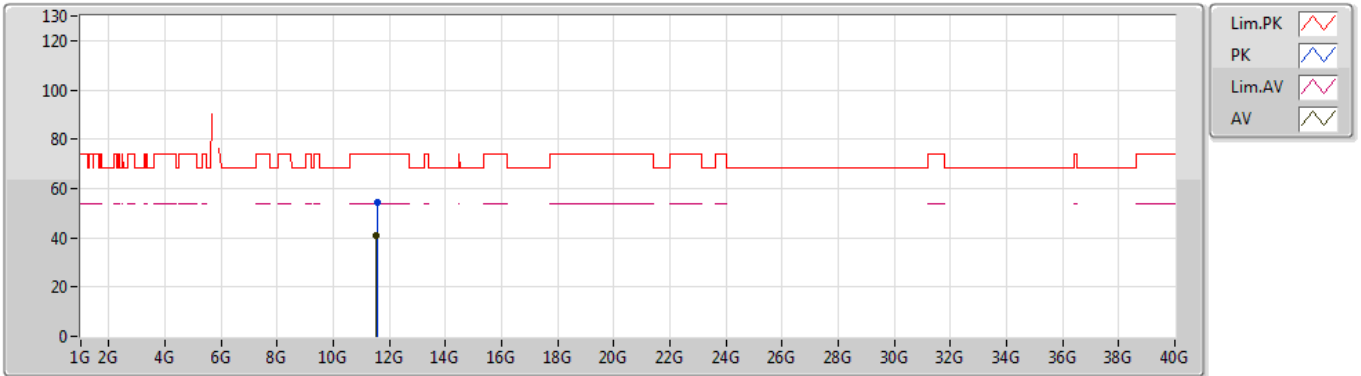
EUT_Z_1TX
Setting 18
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.54718G	54.89	74.00	-19.11	13.02	3	Vertical	186	1.92	-	41.87			
AV	11.54552G	41.15	54.00	-12.85	13.02	3	Vertical	186	1.92	-	28.13			

802.11ac VHT80_Nss1,(MCS0)_1TX

21/09/2019

5775MHz_TX



EUT_Z_1TX
Setting 18
03-S-5
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.55232G	54.47	74.00	-19.53	13.03	3	Horizontal	154	1.76	-	41.44			
AV	11.54714G	41.08	54.00	-12.92	13.02	3	Horizontal	154	1.76	-	28.06			



RSE Co-location Result

Appendix F

