



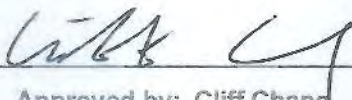
FCC RADIO TEST REPORT

FCC ID : H8NRAC2V1K
Equipment : DBDC ROUTER
Brand Name : Charter
Model Name : RAC2V1K,SAC2V1K
Applicant : Askey Computer Corp.
10F, NO.119, JIANKANG RD., ZHONGHE DIST.,
NEW TAIPEI CITY 23585, TAIWAN
Manufacturer : Askey Computer Corp.
10F, NO.119, JIANKANG RD., ZHONGHE DIST.,
NEW TAIPEI CITY 23585, TAIWAN
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 06, 2020, and testing was started from Apr. 07, 2020 and completed on Apr. 24, 2020. 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 variant 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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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.0



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	15.407(a)	Maximum Conducted Output Power	PASS	-
3.2	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		5500-5720	100-144 [12]
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		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Nss-Min is the minimum number of spatial streams.
- ♦ Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Table for 80+80 MHz Mode

Type	Channel No.	Frequency
1	42+155	5210+5775 MHz
2	42+58	5210+5290 MHz
3	58+106	5290+5530 MHz
4	138+155	5690+5775 MHz

**1.1.3 Antenna Information**

Ant.	Brand	Part Number	Antenna Type	Connector	Gain (dBi)				Remark
					2.4G	5G B1	B2, B3	5G B4	
1	Airgain	N2420GS	PCB Antenna	I-PEX	1	-	-	-	2.4GHz TX/RX
2	Airgain	N2420GS	PCB Antenna	I-PEX	1	-	-	-	2.4GHz TX/RX
3	Airgain	N2420GS	PCB Antenna	I-PEX	1	-	-	-	2.4GHz TX/RX
4	Airgain	N2420GS	PCB Antenna	I-PEX	1	-	-	-	2.4GHz TX/RX
5	Airgain	M5x05C (Longer)	PCB Antenna	I-PEX	-	1.2	1.2	1.2	5GHz TX/RX
6	Airgain	M5x05C	PCB Antenna	I-PEX	-	1.2	1.2	1.2	5GHz TX/RX
7	Airgain	M5x05C	PCB Antenna	I-PEX	-	1.2	1.2	1.2	5GHz TX/RX
8	Airgain	M5x05C (Longer)	PCB Antenna	I-PEX	-	1.2	1.2	1.2	5GHz TX/RX

Note: The EUT has eight antennas.

For 2.4GHz function (4TX/4RX):

Ant. 1 (P1), Ant. 2 (P2), Ant. 3 (P3) and Ant. 4 (P4) could transmit/receive simultaneously.

For 5GHz function (4TX/4RX):

Ant. 5 (P1), Ant. 6 (P2), Ant. 7 (P3) and Ant. 8 (P4) could transmit/receive simultaneously.



1.1.4 Mode Test Duty Cycle

<Non-beamforming mode>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.967	0.15	2.064m	1k
802.11ac VHT20	0.987	0.06	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	0.974	0.11	2.437m	1k
802.11ac VHT80	0.95	0.22	1.148m	1k

80+80 MHz Mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ac VHT80+80	0.967	0.15	2.237m	1k

<beamforming mode>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ac VHT20-BF	0.939	0.27	1.766m	1k
802.11ac VHT40-BF	0.905	0.43	1.701m	1k
802.11ac VHT80-BF	0.942	0.26	1.954m	1k

80+80 MHz Mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ac VHT80+80-BF	0.874	0.58	1.953m	1k

Note:

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

1.1.5 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 802.11n/ac.			
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	3.0.187.0			

Note: The above information was declared by manufacturer.

**1.1.6 Table for Multiple Listing**

Model No.	Description
RAC2V1K	All the model names are identical, the difference model names served as marketing strategy.
SAC2V1K	

Note: From the above models, model: RAC2V1K was selected as representative model for the test and its data was recorded in this report.

1.1.7 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR711935-03AB and FR711935-05.

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

Modifications	Performance Checking																								
1. Changing the 5GHz filter on TOP PCB. The difference between original 5GHz filter and new 5GHz filter as below: <table><tr><th colspan="2">Original 5GHz filter</th></tr><tr><th>Position</th><th>P/N</th></tr><tr><td>5_FL1,5_FL5,5_FL7,5_FL8</td><td>0906-0136400</td></tr><tr><th colspan="2">New 5GHz filter</th></tr><tr><th>Position</th><th>P/N</th></tr><tr><td>5_FL1,5_FL5,5_FL7,5_FL8</td><td>0906-013SP00</td></tr></table> 2. Changing the 5GHz oscillator on TOP PCB. The difference between original 5GHz oscillator and new 5GHz oscillator as below: <table><tr><th colspan="2">Original 5GHz oscillator</th></tr><tr><th>Brand Name</th><th>P/N</th></tr><tr><td>KYOCERA</td><td>0708-0233T00</td></tr><tr><th colspan="2">New 5GHz oscillator</th></tr><tr><th>Brand Name</th><th>P/N</th></tr><tr><td>TXC</td><td>0708-0236B00</td></tr></table>	Original 5GHz filter		Position	P/N	5_FL1,5_FL5,5_FL7,5_FL8	0906-0136400	New 5GHz filter		Position	P/N	5_FL1,5_FL5,5_FL7,5_FL8	0906-013SP00	Original 5GHz oscillator		Brand Name	P/N	KYOCERA	0708-0233T00	New 5GHz oscillator		Brand Name	P/N	TXC	0708-0236B00	1. Maximum Conducted Output Power 2. Unwanted Emissions <Above 1GHz>
Original 5GHz filter																									
Position	P/N																								
5_FL1,5_FL5,5_FL7,5_FL8	0906-0136400																								
New 5GHz filter																									
Position	P/N																								
5_FL1,5_FL5,5_FL7,5_FL8	0906-013SP00																								
Original 5GHz oscillator																									
Brand Name	P/N																								
KYOCERA	0708-0233T00																								
New 5GHz oscillator																									
Brand Name	P/N																								
TXC	0708-0236B00																								
3. Add a new model "SAC2V1K".	It does not need to re-test.																								



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 662911 D01 v02r01
- ♦ FCC KDB 412172 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	Benson Su	21.7-23.5°C / 55-58%	Apr. 15, 2020~ Apr. 24, 2020
Radiated	03CH01-CB	Lucke Hsieh	23.1-24.3°C / 52-55 %	Apr. 07, 2020~ Apr. 24, 2020

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	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%



2 Test Configuration of EUT

2.1 Test Channel Mode

<Non-beamforming mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	20
5200MHz	19
5240MHz	19
5260MHz	11
5300MHz	11
5320MHz	10.5
5500MHz	12
5580MHz	12
5700MHz	12
5720MHz Straddle 5.47-5.725GHz	12
5720MHz Straddle 5.725-5.85GHz	12
5745MHz	22
5785MHz	23
5825MHz	23.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	22
5200MHz	19
5240MHz	19
5260MHz	11
5300MHz	11
5320MHz	10.5
5500MHz	11.5
5580MHz	11.5
5700MHz	11.5
5720MHz Straddle 5.47-5.725GHz	11.5
5720MHz Straddle 5.725-5.85GHz	11.5
5745MHz	23
5785MHz	23.5
5825MHz	24
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	19.5
5230MHz	22
5270MHz	14
5310MHz	14



Mode	Power Setting
5510MHz	14.5
5550MHz	14.5
5670MHz	14.5
5710MHz Straddle 5.47-5.725GHz	14.5
5710MHz Straddle 5.725-5.85GHz	14.5
5755MHz	23
5795MHz	24
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	17
5290MHz	15.5
5530MHz	14.5
5610MHz	16
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
5775MHz	21

**80+80 MHz Mode**

Mode	Power Setting
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
#5210MHz,5775MHz	19.5
#5210MHz,5290MHz	16.5
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5210MHz,#5290MHz	16.5
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
#5290MHz,5530MHz	15
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5290MHz,#5530MHz	15
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
#5690MHz,#5775MHz Straddle 5.47-5.725GHz	19.5
5210MHz,#5775MHz	19.5
#5690MHz,#5775MHz Straddle 5.725-5.85GHz	19.5

**<beamforming mode>**

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	23.5
5200MHz	22.5
5240MHz	21.5
5260MHz	15.5
5300MHz	15.5
5320MHz	15.5
5500MHz	17
5580MHz	16.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
5745MHz	23.5
5785MHz	23.5
5825MHz	24
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	21.5
5230MHz	21.5
5270MHz	16
5310MHz	16
5510MHz	16
5550MHz	16
5670MHz	16
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
5755MHz	22.5
5795MHz	24
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	20
5290MHz	13
5530MHz	15
5610MHz	14
5690MHz Straddle 5.47-5.725GHz	15
5690MHz Straddle 5.725-5.85GHz	15
5775MHz	22

**80+80 MHz Mode**

Mode	Power Setting
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	22.5
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5210MHz,#5290MHz	22.5

Note:

- ♦ VHT20/VHT40 covers HT20/HT40, due to same modulation. The power index 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	Maximum Conducted Output Power
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX

Note: The EUT can only be used at Y axis position.

2.3 EUT Operation during Test

For CTX Mode:

<Non-beamforming mode>

The EUT was programmed to be in continuously transmitting mode.

<beamforming mode>

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less 98%.



2.4 Accessories

Accessories				
No.	Equipment Name	Brand Name	Model No.	Rating
1	Adapter 1	Sunny	SYS1564-3012-W2	INPUT: 100-240Vac, 50-60Hz, 1.0A MAX. OUTPUT: 12Vdc, 2.5A
2	Adapter 2	Ktec	KSA-36W-120250HU	INPUT: 100-240Vac, 50/60Hz, 1.0A OUTPUT: 12Vdc, 2.5A

Note: The power adapter does not affect the test result of RF tests, so only adapter 1 was tested and recorded in this report.

2.5 Support Equipment

For Radiated:

<Non-beamforming mode>

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

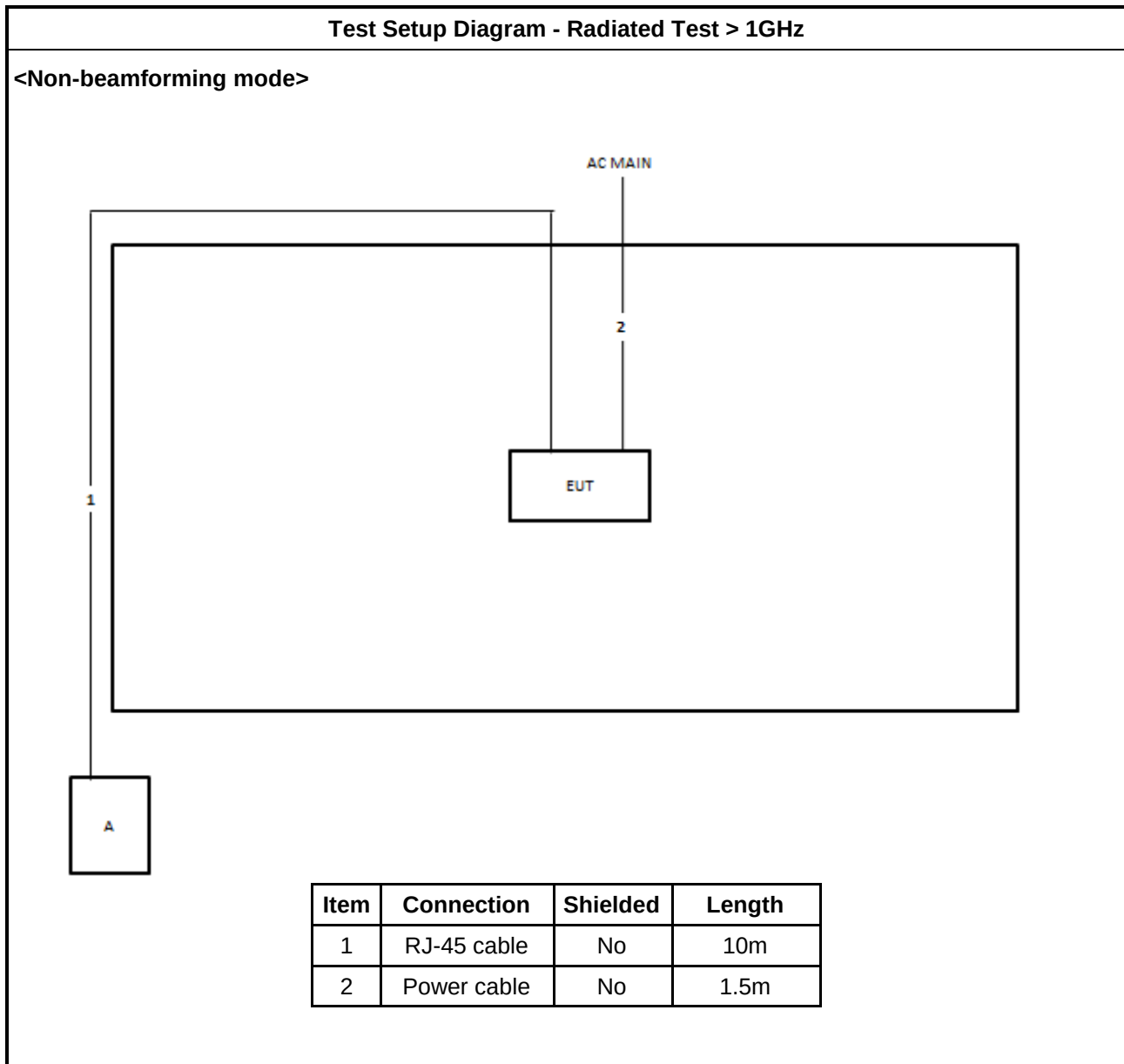
<beamforming mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	RX Device	SPECTRUM	RT4230W-D187	N/A
C	Notebook	DELL	E4300	N/A

For RF Conducted:

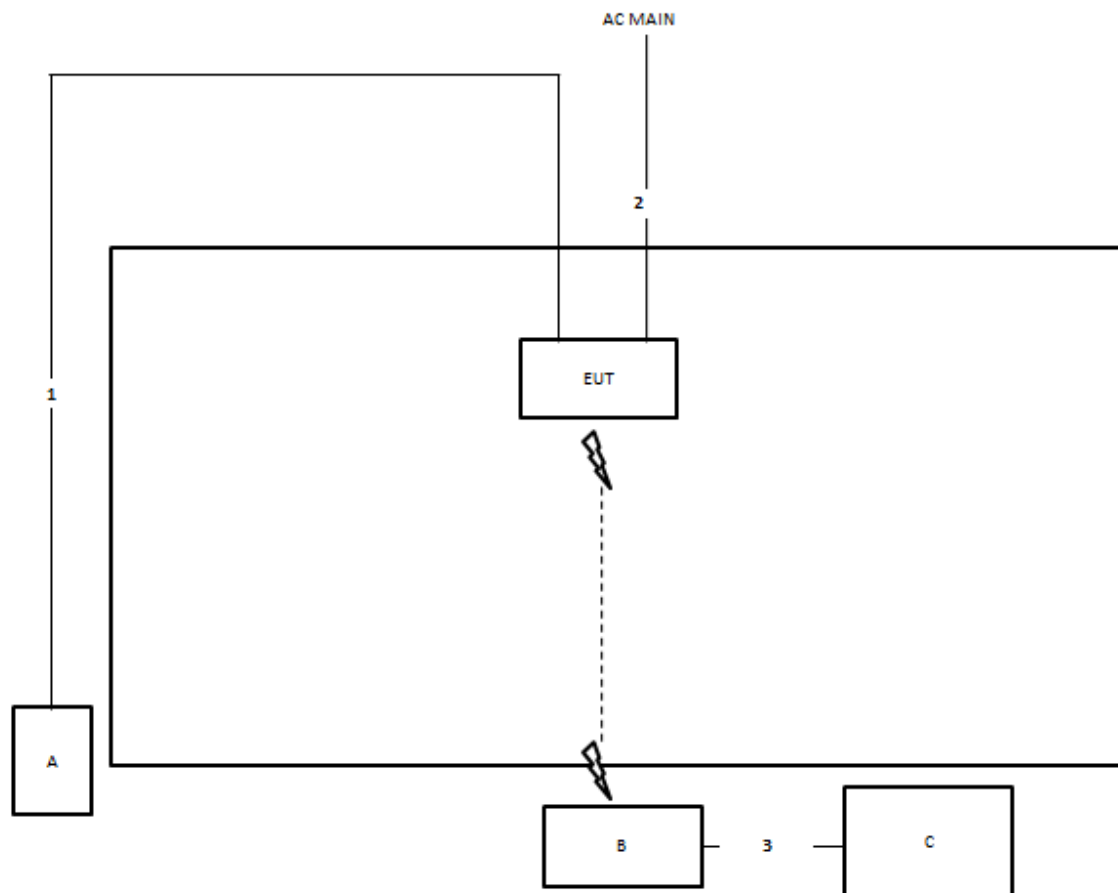
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test > 1GHz

<beamforming mode>



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

3 Transmitter Test Result

3.1 Maximum Conducted Output Power

3.1.1 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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, 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.	

3.1.2 Measuring Instruments

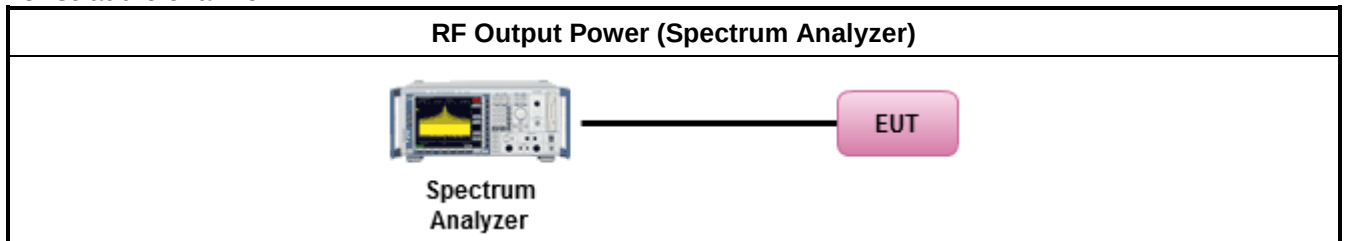
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

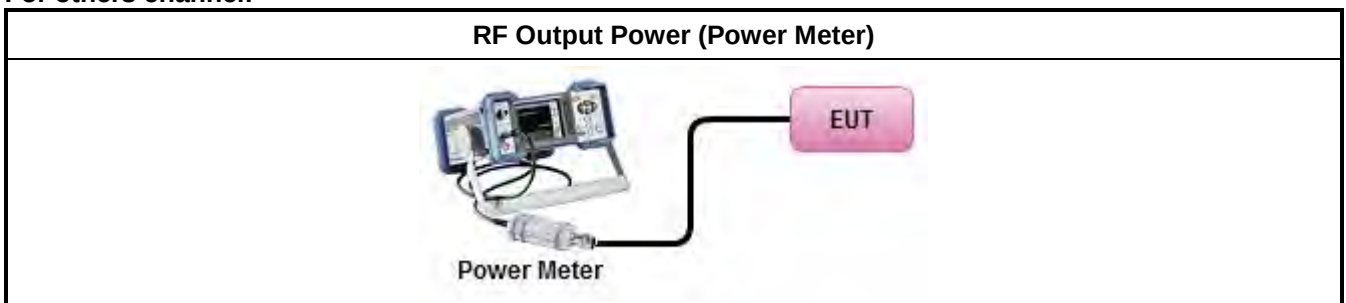
Test Method	
Maximum Conducted Output Power	
Average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off 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]) $EIRP_{total} = P_{total} + DG$	

3.1.4 Test Setup

For straddle channel:



For others channel:



3.1.5 Test Result of Maximum Conducted Output Power

Refer as Appendix A



3.2 Unwanted Emissions

3.2.1 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).

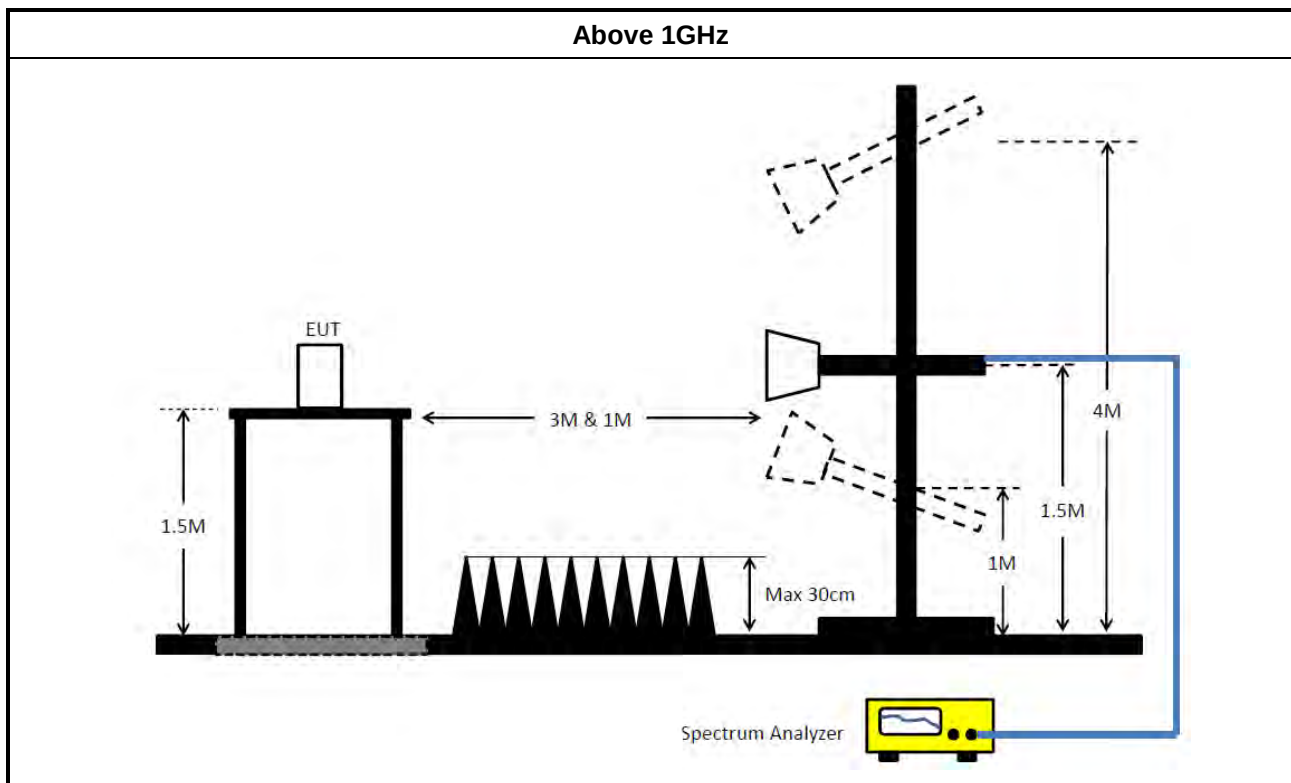
3.2.2 Measuring Instruments

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

3.2.3 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 $\geq$ 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.	

3.2.4 Test Setup



3.2.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.2.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix B



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2019	Nov. 03, 2020	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2020	Jan. 07, 2021	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-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. 07, 2019	Oct. 06, 2020	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. 07, 2019	Oct. 06, 2020	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. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)

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

**<Non-beamforming mode>****Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.72	0.37325	26.92	0.49204
802.11ac VHT20_Nss1,(MCS0)_4TX	27.52	0.56494	28.72	0.74473
802.11ac VHT40_Nss1,(MCS0)_4TX	28.20	0.66069	29.40	0.87096
802.11ac VHT80_Nss1,(MCS0)_4TX	24.15	0.26002	25.35	0.34277
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.35	0.08610	20.55	0.11350
802.11ac VHT20_Nss1,(MCS0)_4TX	19.26	0.08433	20.46	0.11117
802.11ac VHT40_Nss1,(MCS0)_4TX	22.26	0.16827	23.46	0.22182
802.11ac VHT80_Nss1,(MCS0)_4TX	23.17	0.20749	24.37	0.27353
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.42	0.08750	20.62	0.11535
802.11ac VHT20_Nss1,(MCS0)_4TX	19.18	0.08279	20.38	0.10914
802.11ac VHT40_Nss1,(MCS0)_4TX	22.27	0.16866	23.47	0.22233
802.11ac VHT80_Nss1,(MCS0)_4TX	23.88	0.24434	25.08	0.32211
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.71	0.93541	30.91	1.23310
802.11ac VHT20_Nss1,(MCS0)_4TX	29.82	0.95940	31.02	1.26474
802.11ac VHT40_Nss1,(MCS0)_4TX	29.91	0.97949	31.11	1.29122
802.11ac VHT80_Nss1,(MCS0)_4TX	27.51	0.56364	28.71	0.74302

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1.20	19.93	19.99	19.18	19.66	25.72	30.00	26.92	36.00
5200MHz	Pass	1.20	18.84	19.29	18.60	18.94	24.95	30.00	26.15	36.00
5240MHz	Pass	1.20	19.11	19.40	19.08	19.38	25.27	30.00	26.47	36.00
5260MHz	Pass	1.20	12.91	13.51	12.60	12.91	19.02	23.91	20.22	29.91
5300MHz	Pass	1.20	13.70	13.61	12.84	13.11	19.35	23.98	20.55	30.00
5320MHz	Pass	1.20	13.49	13.06	12.83	13.40	19.22	23.98	20.42	30.00
5500MHz	Pass	1.20	12.74	13.07	13.45	13.92	19.34	23.98	20.54	30.00
5580MHz	Pass	1.20	13.04	13.33	13.32	13.88	19.42	23.98	20.62	30.00
5700MHz	Pass	1.20	13.26	13.53	13.20	13.38	19.36	23.98	20.56	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	1.20	11.96	11.90	11.75	12.09	17.95	23.98	19.15	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.20	5.51	5.52	5.35	5.67	11.53	30.00	12.73	36.00
5745MHz	Pass	1.20	23.51	23.99	23.43	23.81	29.71	30.00	30.91	36.00
5785MHz	Pass	1.20	23.71	23.02	23.03	23.71	29.40	30.00	30.60	36.00
5825MHz	Pass	1.20	23.58	23.09	23.04	23.48	29.32	30.00	30.52	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1.20	21.74	22.07	20.60	21.47	27.52	30.00	28.72	36.00
5200MHz	Pass	1.20	18.75	19.28	18.51	18.72	24.85	30.00	26.05	36.00
5240MHz	Pass	1.20	18.98	19.33	18.94	19.27	25.15	30.00	26.35	36.00
5260MHz	Pass	1.20	12.79	13.42	12.53	12.81	18.92	23.98	20.12	30.00
5300MHz	Pass	1.20	13.39	13.62	13.02	12.89	19.26	23.98	20.46	30.00
5320MHz	Pass	1.20	13.23	13.03	12.73	13.21	19.08	23.98	20.28	30.00
5500MHz	Pass	1.20	12.36	12.19	12.99	13.19	18.72	23.98	19.92	30.00
5580MHz	Pass	1.20	13.42	12.71	13.17	13.29	19.18	23.98	20.38	30.00
5700MHz	Pass	1.20	12.98	12.60	12.96	12.83	18.87	23.98	20.07	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	1.20	11.28	11.09	11.09	11.41	17.24	23.98	18.44	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.20	5.63	5.61	5.41	5.84	11.65	30.00	12.85	36.00
5745MHz	Pass	1.20	23.78	23.19	23.53	23.90	29.63	30.00	30.83	36.00
5785MHz	Pass	1.20	24.17	23.50	23.57	23.93	29.82	30.00	31.02	36.00
5825MHz	Pass	1.20	24.03	23.53	23.30	23.77	29.69	30.00	30.89	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1.20	19.45	19.83	18.90	19.19	25.38	30.00	26.58	36.00
5230MHz	Pass	1.20	22.14	22.41	22.06	22.08	28.20	30.00	29.40	36.00
5270MHz	Pass	1.20	16.04	16.47	15.51	15.87	22.01	23.98	23.21	30.00
5310MHz	Pass	1.20	16.63	16.57	15.67	16.01	22.26	23.98	23.46	30.00
5510MHz	Pass	1.20	15.64	15.14	15.99	16.31	21.81	23.98	23.01	30.00
5550MHz	Pass	1.20	16.05	15.81	15.97	16.26	22.05	23.98	23.25	30.00
5670MHz	Pass	1.20	16.39	16.16	15.97	16.45	22.27	23.98	23.47	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	1.20	15.35	15.30	15.26	15.35	21.34	23.98	22.54	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	1.20	4.04	3.21	3.84	4.28	9.88	30.00	11.08	36.00
5755MHz	Pass	1.20	24.09	23.41	23.63	23.88	29.78	30.00	30.98	36.00
5795MHz	Pass	1.20	24.26	23.67	23.74	23.86	29.91	30.00	31.11	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1.20	18.20	18.44	17.78	18.08	24.15	30.00	25.35	36.00



Average Power

Appendix A.1

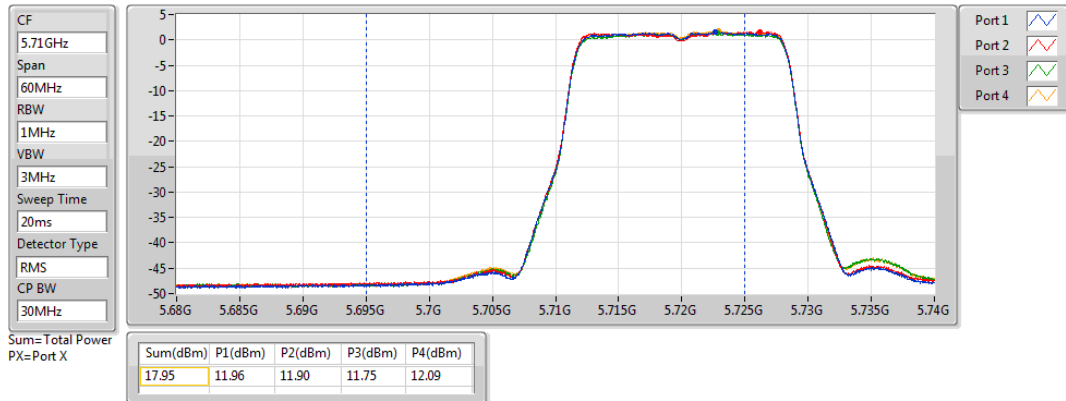
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5290MHz	Pass	1.20	17.44	17.25	16.68	17.19	23.17	23.98	24.37	30.00
5530MHz	Pass	1.20	16.31	15.47	16.44	16.80	22.30	23.98	23.50	30.00
5610MHz	Pass	1.20	18.00	17.78	17.66	17.63	23.79	23.98	24.99	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	1.20	18.00	17.69	17.91	17.84	23.88	23.98	25.08	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	1.20	4.16	2.97	3.76	4.11	9.80	30.00	11.00	36.00
5775MHz	Pass	1.20	21.79	21.28	21.10	21.76	27.51	30.00	28.71	36.00

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

802.11a_Nss1,(6Mbps)_4TX

AV Power

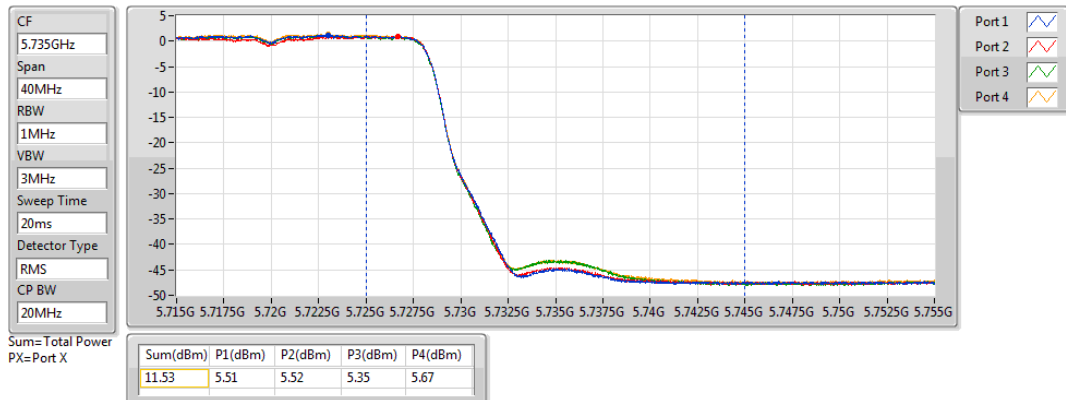
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_4TX

AV Power

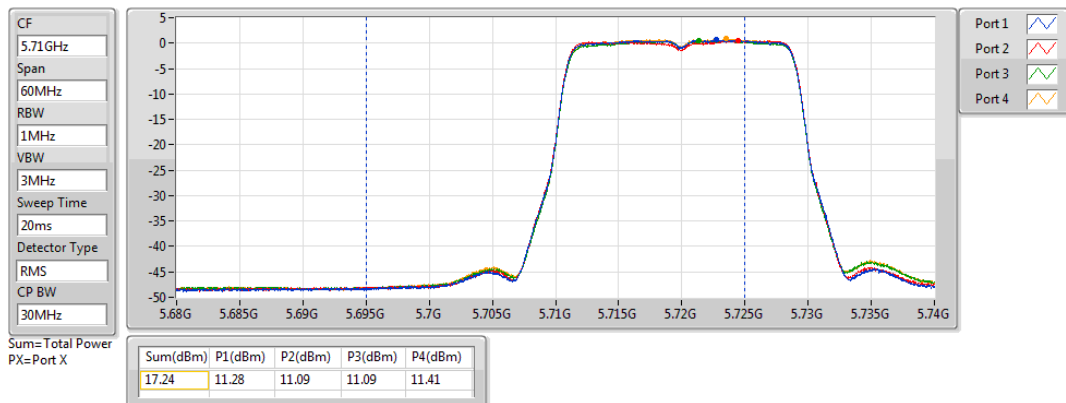
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

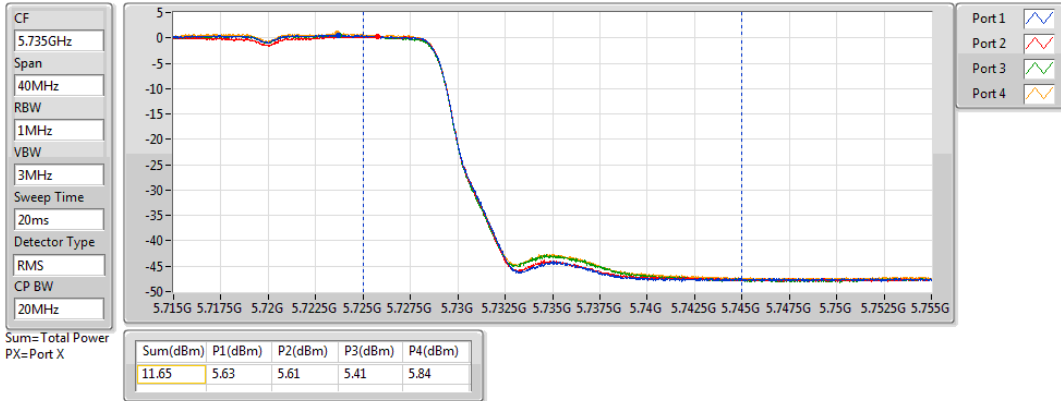


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

15/04/2020

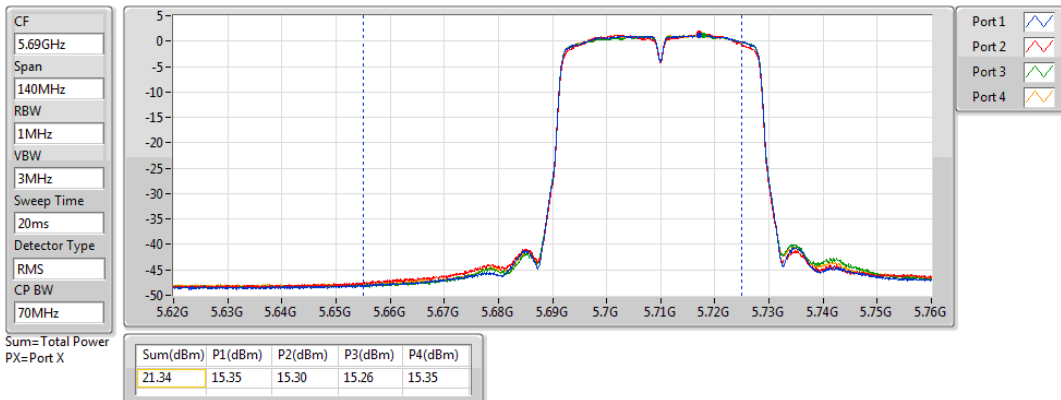


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

15/04/2020

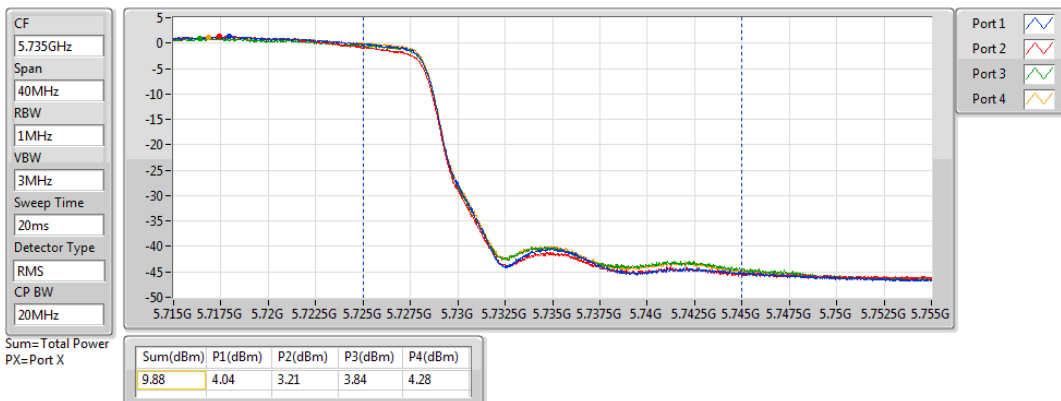


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

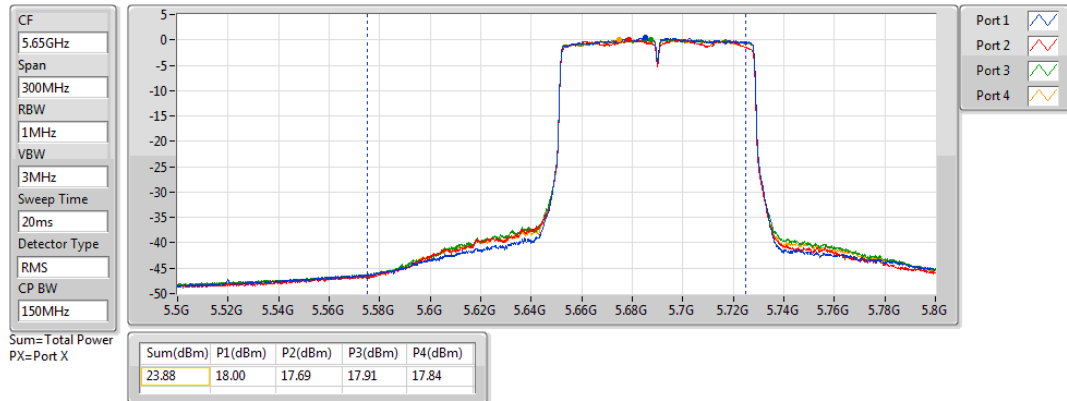
15/04/2020



802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

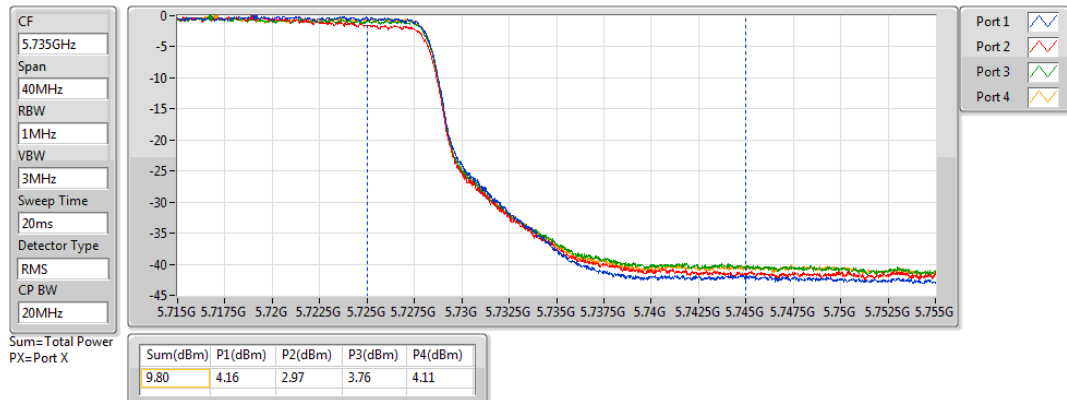
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**<Non-beamforming mode> 80+80 MHz****Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	22.55	0.17989	23.75	0.23714
5.25-5.35GHz	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	20.98	0.12531	22.18	0.16520
802.11ac VHT80+80_Nss1,(MCS0)_4TX	20.09	0.10209	21.29	0.13459
5.47-5.725GHz	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	19.43	0.08770	20.63	0.11561
802.11ac VHT80+80_Nss1,(MCS0)_4TX	23.43	0.22029	24.63	0.29040
5.725-5.85GHz	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	22.93	0.19634	24.13	0.25882
802.11ac VHT80+80_Nss2,(MCS0)_4TX	23.04	0.20137	24.24	0.26546



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz	Pass	1.20	19.46	19.62			22.55	30.00	23.75	36.00
#5210MHz,5290MHz	Pass	1.20	16.48	16.76			19.63	30.00	20.83	36.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5290MHz,5530MHz	Pass	1.20			-14.37	-28.71	-14.21	23.98	-13.01	30.00
5210MHz,#5290MHz	Pass	1.20			17.85	18.08	20.98	23.98	22.18	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5290MHz,5530MHz	Pass	1.20	17.23	16.93			20.09	23.98	21.29	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz,#5530MHz	Pass	1.20			16.31	16.53	19.43	23.98	20.63	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.47-5.725GHz	Pass	1.20	20.59	20.24			23.43	23.98	24.63	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5775MHz	Pass	1.20			19.69	20.13	22.93	30.00	24.13	36.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.725-5.85GHz	Pass	1.20	7.01	5.85	19.51	20.14	23.04	30.00	24.24	36.00

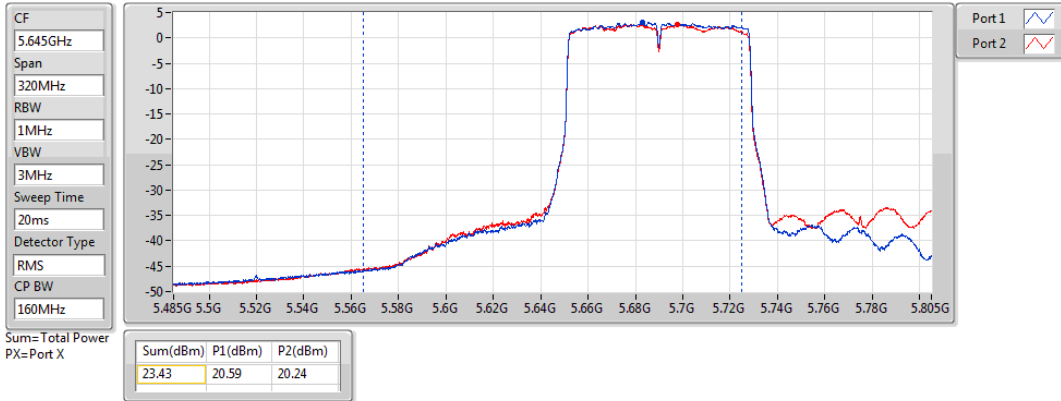
DG = Directional Gain; **Port X** = Port X output power

802.11ac VHT80+80_Nss1,(MCS0)_4TX

AV Power

#5690MHz,#5775MHz Straddle 5.47-5.725GHz

15/04/2020

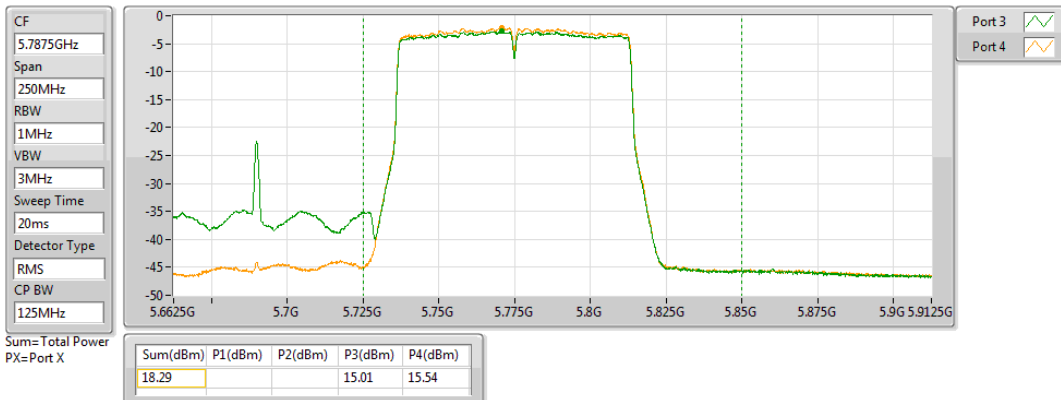


802.11ac VHT80+80_Nss1,(MCS0)_4TX

AV Power

#5690MHz,#5775MHz Straddle 5.725-5.85GHz

15/04/2020

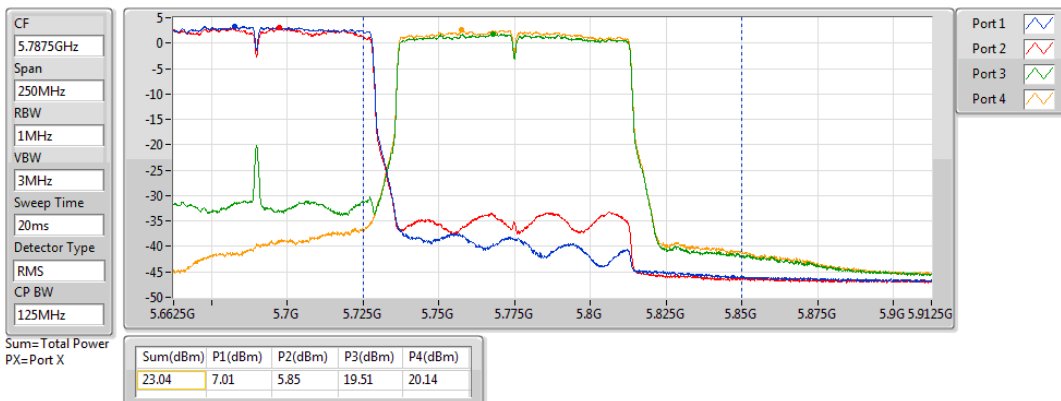


802.11ac VHT80+80_Nss2,(MCS0)_4TX

AV Power

#5690MHz,#5775MHz Straddle 5.725-5.85GHz

15/04/2020





<beamforming mode>

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	25.69	0.37068	32.91	1.95434
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	24.17	0.26122	31.39	1.37721
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.82	0.24099	31.04	1.27057
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	18.33	0.06808	25.55	0.35892
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	18.82	0.07621	26.04	0.40179
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	18.42	0.06950	25.64	0.36644
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	18.62	0.07278	25.84	0.38371
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	18.74	0.07482	25.96	0.39446
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	19.07	0.08072	26.29	0.42560
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	24.50	0.28184	31.72	1.48594
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	25.03	0.31842	32.25	1.67880
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	24.22	0.26424	31.44	1.39316

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.22	19.33	20.06	19.62	19.62	25.69	28.78	32.91	36.00
5200MHz	Pass	7.22	18.31	18.69	19.15	18.49	24.69	28.78	31.91	36.00
5240MHz	Pass	7.22	18.38	18.77	18.21	18.49	24.49	28.78	31.71	36.00
5260MHz	Pass	7.22	11.88	12.68	12.29	12.36	18.33	22.76	25.55	30.00
5300MHz	Pass	7.22	12.06	12.23	12.16	12.18	18.18	22.76	25.40	30.00
5320MHz	Pass	7.22	12.25	12.81	12.10	11.97	18.32	22.76	25.54	30.00
5500MHz	Pass	7.22	12.54	12.49	12.74	12.63	18.62	22.76	25.84	30.00
5580MHz	Pass	7.22	12.38	12.63	12.14	12.34	18.40	22.76	25.62	30.00
5700MHz	Pass	7.22	11.95	13.05	12.04	11.73	18.24	22.76	25.46	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.22	11.57	11.87	11.68	11.68	17.72	22.76	24.94	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.22	5.27	5.72	5.30	5.30	11.42	28.78	18.64	36.00
5745MHz	Pass	7.22	18.68	18.36	17.94	18.61	24.43	28.78	31.65	36.00
5785MHz	Pass	7.22	18.26	18.15	18.25	18.31	24.26	28.78	31.48	36.00
5825MHz	Pass	7.22	18.68	18.85	18.32	18.04	24.50	28.78	31.72	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.22	17.84	18.05	17.76	17.86	23.90	28.78	31.12	36.00
5230MHz	Pass	7.22	18.08	18.26	18.17	18.08	24.17	28.78	31.39	36.00
5270MHz	Pass	7.22	12.30	12.48	12.43	12.97	18.57	22.76	25.79	30.00
5310MHz	Pass	7.22	12.63	12.82	12.87	12.89	18.82	22.76	26.04	30.00
5510MHz	Pass	7.22	12.11	12.35	12.00	12.06	18.15	22.76	25.37	30.00
5550MHz	Pass	7.22	12.24	12.52	12.37	12.13	18.34	22.76	25.56	30.00
5670MHz	Pass	7.22	12.73	12.78	12.61	12.76	18.74	22.76	25.96	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.22	12.58	12.68	12.55	12.72	18.65	22.76	25.87	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.22	-0.18	0.45	-0.01	-0.02	6.09	28.78	13.31	36.00
5755MHz	Pass	7.22	18.50	18.66	18.64	18.64	24.63	28.78	31.85	36.00
5795MHz	Pass	7.22	18.80	18.96	19.33	18.93	25.03	28.78	32.25	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.22	17.61	18.09	17.68	17.79	23.82	28.78	31.04	36.00
5290MHz	Pass	7.22	12.23	12.98	12.30	12.03	18.42	22.76	25.64	30.00
5530MHz	Pass	7.22	12.37	11.88	12.16	12.22	18.18	22.76	25.40	30.00
5610MHz	Pass	7.22	13.62	12.55	12.99	12.96	19.07	22.76	26.29	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.22	12.11	12.35	12.32	12.23	18.27	22.76	25.49	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.22	-2.59	-1.98	-2.54	-2.65	3.59	28.78	10.81	36.00
5775MHz	Pass	7.22	18.57	18.05	18.12	18.03	24.22	28.78	31.44	36.00

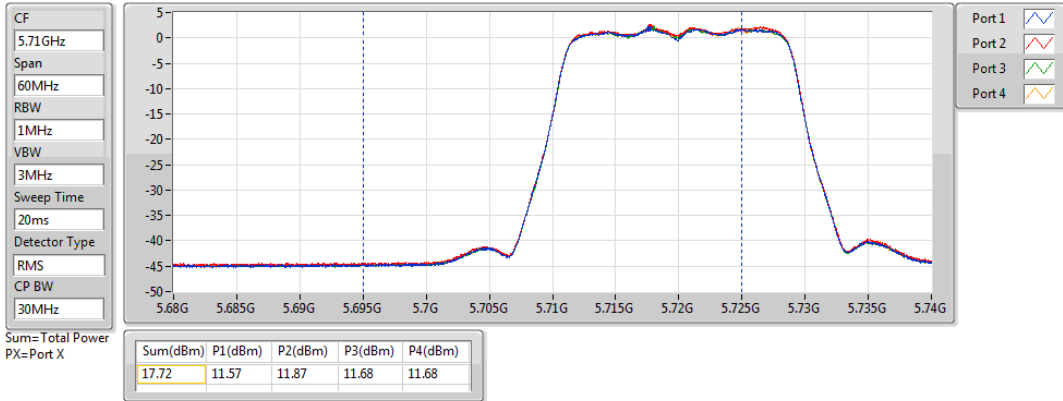
DG = Directional Gain; **Port X** = Port X output power

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

22/04/2020

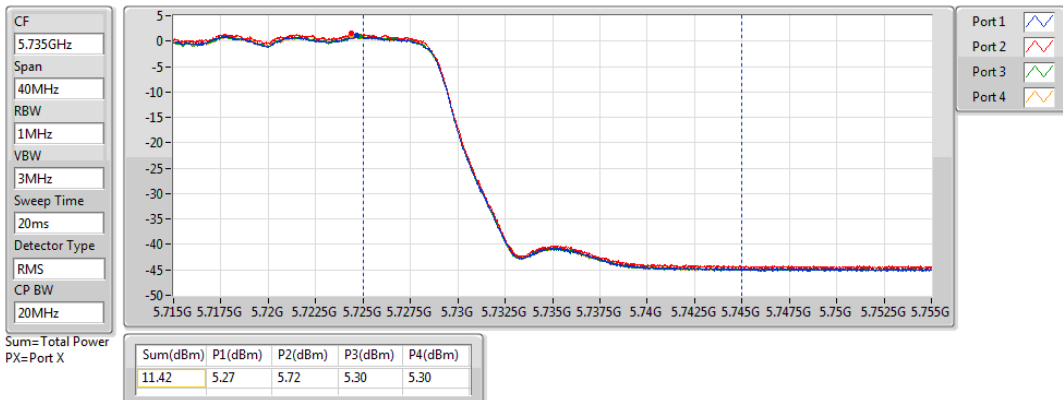


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

22/04/2020

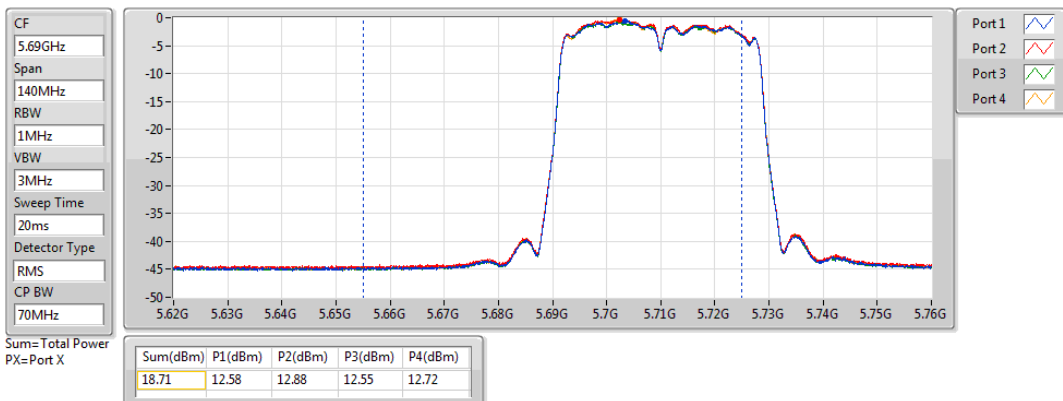


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

22/04/2020

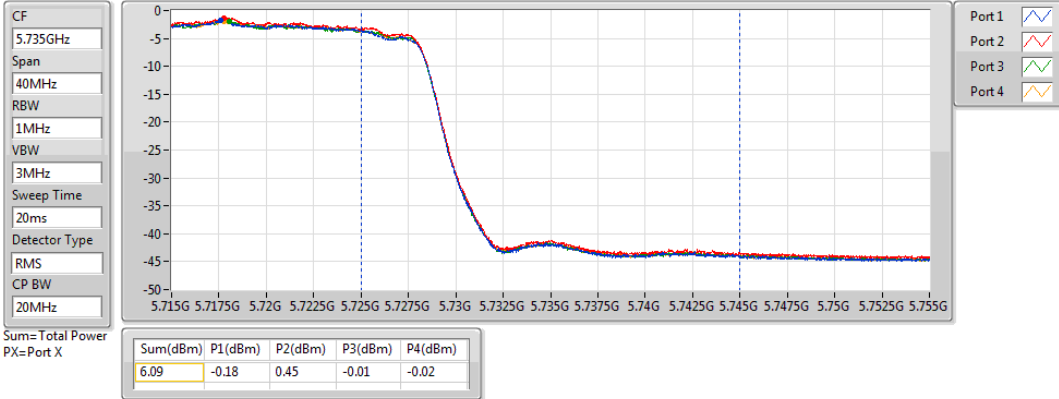


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

22/04/2020

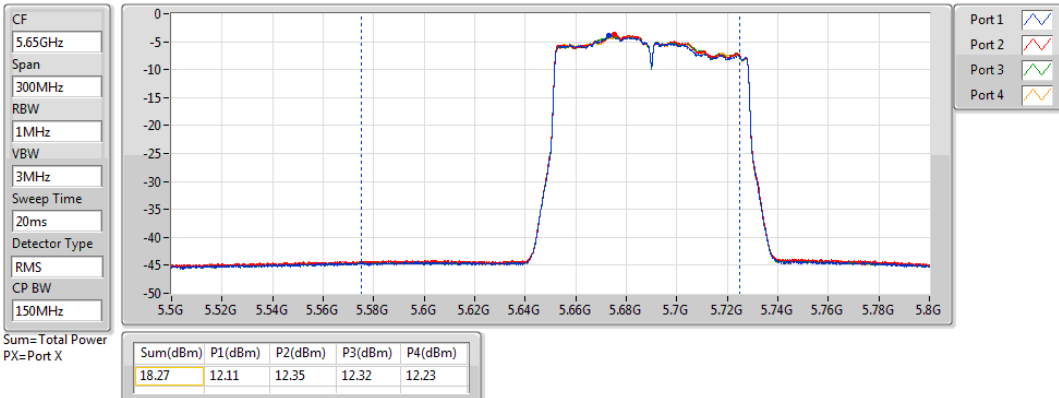


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

22/04/2020

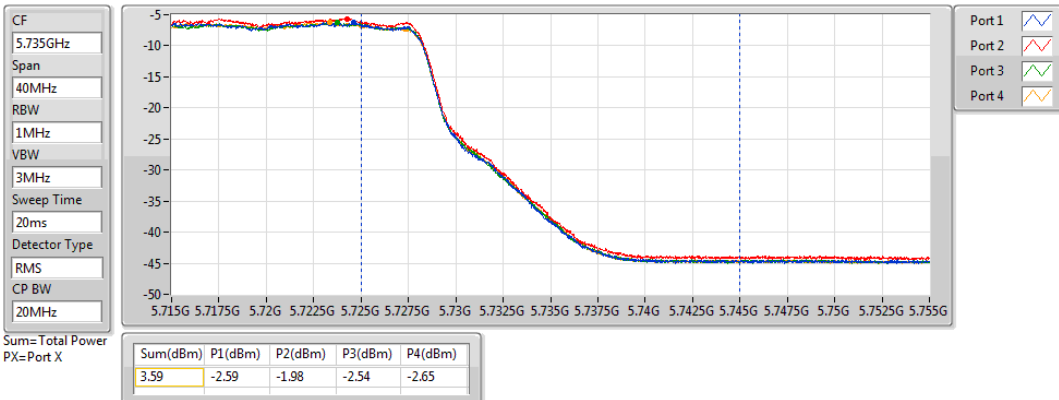


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

22/04/2020





<beamforming mode> 80+80 MHz

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	19.54	0.08995
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	19.60	0.09120



Average Power

Appendix A.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	4.21	16.92	16.76			19.85	30.00
5210MHz,#5290MHz	Pass	4.21			16.47	16.59	19.54	23.98

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



<Non-beamforming mode>

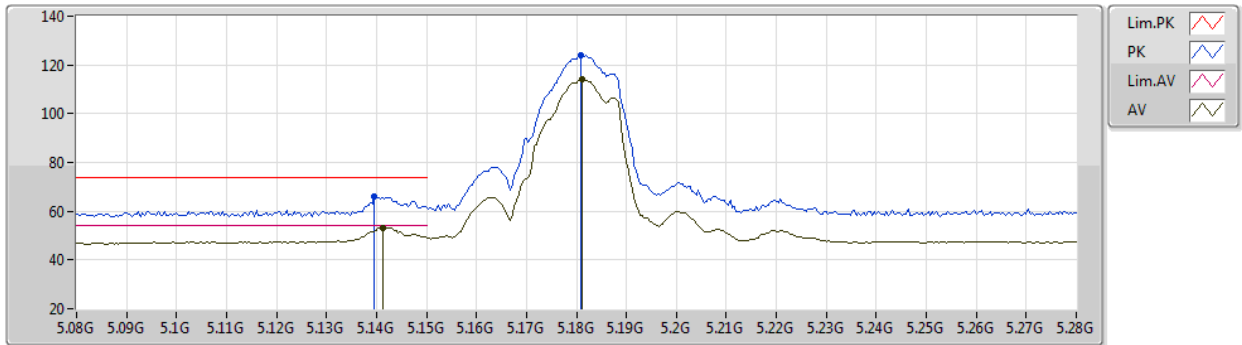
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.364G	53.96	54.00	-0.04	3	Vertical	204	1.58	-

802.11a_Nss1,(6Mbps)_4TX

07/04/2020

5180MHz_TX



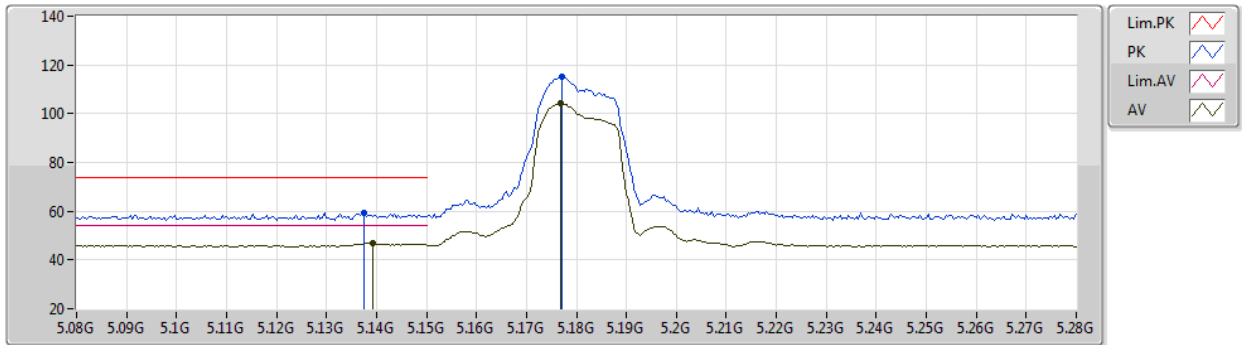
EUT Y_4TX
Setting 20
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1396G	66.06	74.00	-7.94	60.06	3	Vertical	196	2.39	-	34.04	6.73	34.77
AV	5.1412G	53.33	54.00	-0.67	47.33	3	Vertical	196	2.39	-	34.04	6.73	34.77
PK	5.1808G	124.14	Inf	-Inf	118.10	3	Vertical	196	2.39	-	34.08	6.76	34.80
AV	5.1812G	114.19	Inf	-Inf	108.15	3	Vertical	196	2.39	-	34.08	6.76	34.80

802.11a_Nss1,(6Mbps)_4TX

07/04/2020

5180MHz_TX



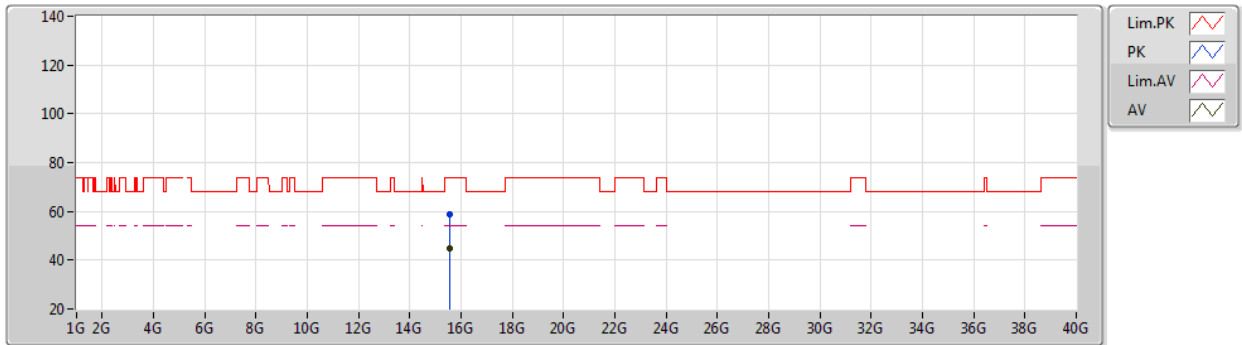
EUT Y_4TX
Setting 20
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1376G	59.31	74.00	-14.69	53.31	3	Horizontal	258	1.88	-	34.04	6.73	34.77
AV	5.1392G	46.83	54.00	-7.17	40.83	3	Horizontal	258	1.88	-	34.04	6.73	34.77
PK	5.1772G	115.30	Inf	-Inf	109.26	3	Horizontal	258	1.88	-	34.08	6.75	34.79
AV	5.1768G	104.33	Inf	-Inf	98.29	3	Horizontal	258	1.88	-	34.08	6.75	34.79

802.11a_Nss1,(6Mbps)_4TX

07/04/2020

5180MHz_TX



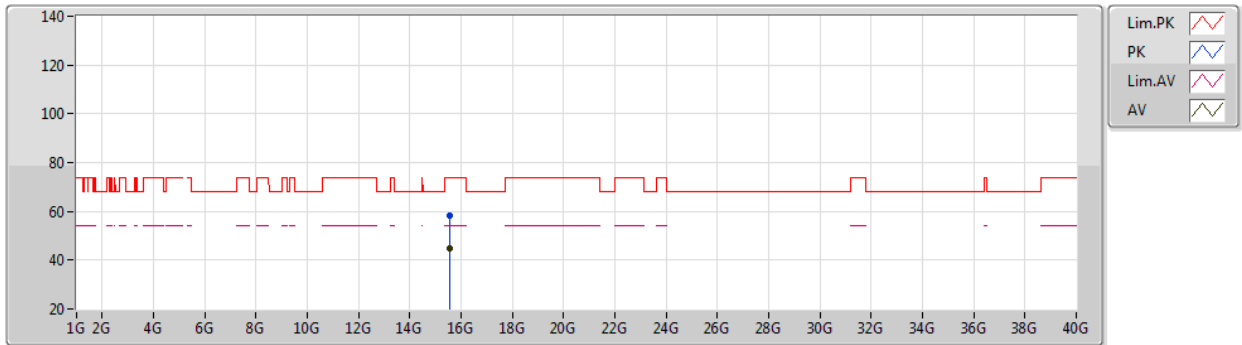
EUT Y_4TX
Setting 20
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53766G	58.75	74.00	-15.25	43.04	3	Vertical	85	2.73	-	38.89	11.62	34.80
AV	15.54412G	44.90	54.00	-9.10	29.20	3	Vertical	85	2.73	-	38.87	11.63	34.80

802.11a_Nss1,(6Mbps)_4TX

07/04/2020

5180MHz_TX



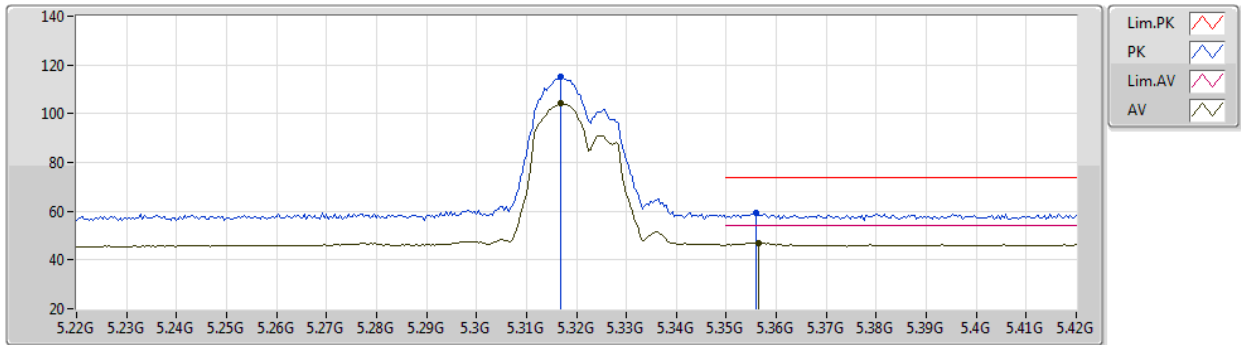
EUT Y_4TX
Setting 20
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54478G	58.23	74.00	-15.77	42.53	3	Horizontal	358	1.80	-	38.87	11.63	34.80
AV	15.53638G	44.83	54.00	-9.17	29.11	3	Horizontal	358	1.80	-	38.89	11.62	34.79

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5320MHz_TX



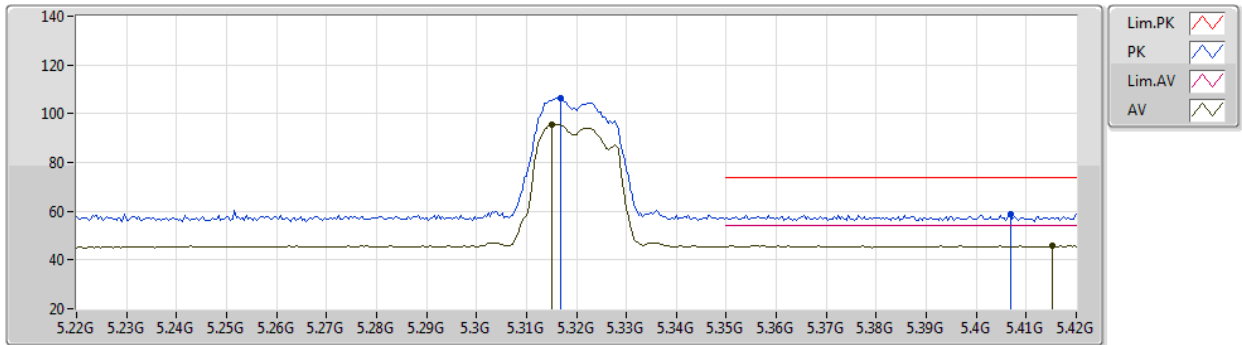
EUT Y_4TX
Setting 10.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.3168G	115.05	Inf	-Inf	108.75	3	Vertical	182	1.96	-	34.32	6.87	34.89	
AV	5.3168G	104.20	Inf	-Inf	97.90	3	Vertical	182	1.96	-	34.32	6.87	34.89	
PK	5.356G	59.10	74.00	-14.90	52.76	3	Vertical	182	1.96	-	34.36	6.90	34.92	
AV	5.3564G	47.00	54.00	-7.00	40.66	3	Vertical	182	1.96	-	34.36	6.90	34.92	

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5320MHz_TX



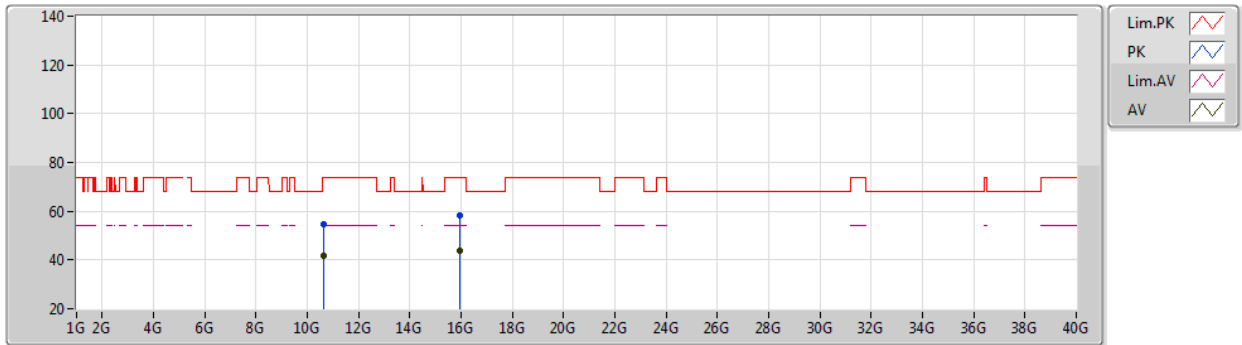
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Setting 10.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3168G	106.47	Inf	-Inf	100.17	3	Horizontal	251	2.04	-	34.32	6.87	34.89
AV	5.3152G	95.70	Inf	-Inf	89.40	3	Horizontal	251	2.04	-	34.32	6.87	34.89
PK	5.4068G	58.74	74.00	-15.26	52.34	3	Horizontal	251	2.04	-	34.41	6.94	34.95
AV	5.4152G	45.88	54.00	-8.12	39.48	3	Horizontal	251	2.04	-	34.42	6.94	34.96

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5320MHz_TX



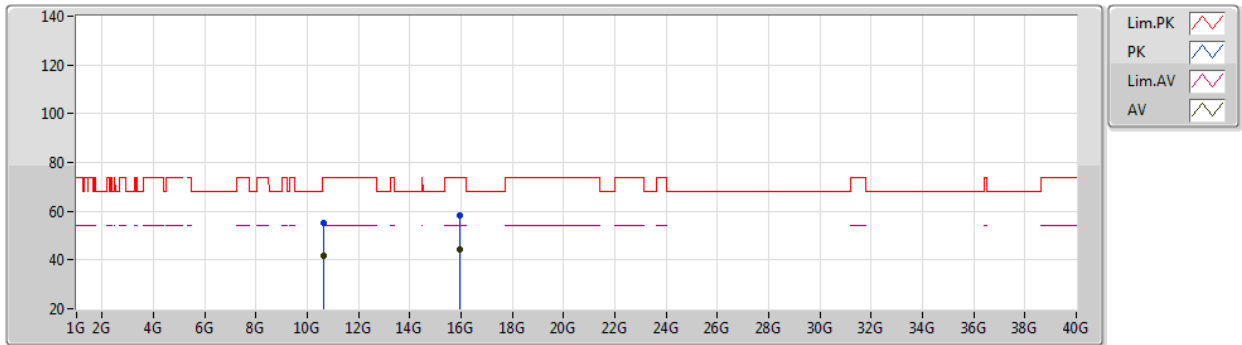
EUT Y_4TX
Setting 10.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.64414G	54.72	74.00	-19.28	41.06	3	Vertical	221	1.53	-	38.43	10.04	34.81
AV	10.6435G	41.52	54.00	-12.48	27.86	3	Vertical	221	1.53	-	38.43	10.04	34.81
PK	15.9566G	58.06	74.00	-15.94	43.84	3	Vertical	253	1.23	-	37.63	11.84	35.25
AV	15.96422G	44.02	54.00	-9.98	29.83	3	Vertical	253	1.23	-	37.61	11.84	35.26

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5320MHz_TX



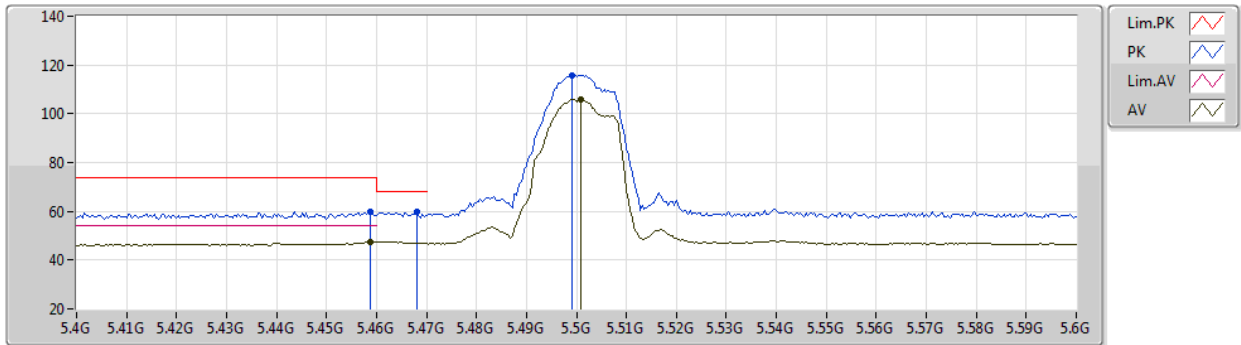
EUT Y_4TX
Setting 10.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.63942G	54.98	74.00	-19.02	41.32	3	Horizontal	227	1.41	-	38.43	10.04	34.81
AV	10.63644G	41.54	54.00	-12.46	27.88	3	Horizontal	227	1.41	-	38.43	10.04	34.81
PK	15.95698G	58.38	74.00	-15.62	44.16	3	Horizontal	322	2.30	-	37.63	11.84	35.25
AV	15.95872G	44.13	54.00	-9.87	29.93	3	Horizontal	322	2.30	-	37.62	11.84	35.26

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5500MHz_TX



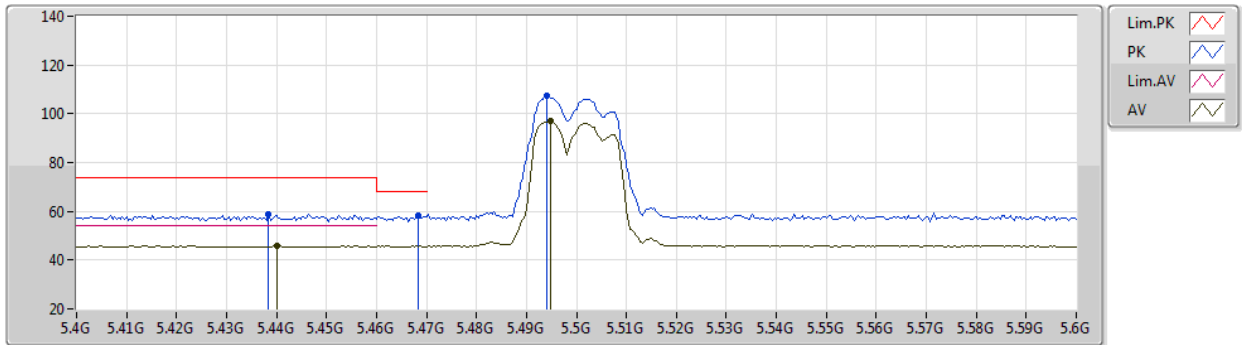
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Setting 12
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4588G	60.04	74.00	-13.96	53.59	3	Vertical	185	2.26	-	34.46	6.98	34.99
AV	5.4588G	47.35	54.00	-6.65	40.90	3	Vertical	185	2.26	-	34.46	6.98	34.99
PK	5.468G	59.81	68.20	-8.39	53.35	3	Vertical	185	2.26	-	34.47	6.98	34.99
PK	5.4992G	115.90	Inf	-Inf	109.40	3	Vertical	185	2.26	-	34.50	7.01	35.01
AV	5.5008G	105.87	Inf	-Inf	99.37	3	Vertical	185	2.26	-	34.50	7.01	35.01

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5500MHz_TX



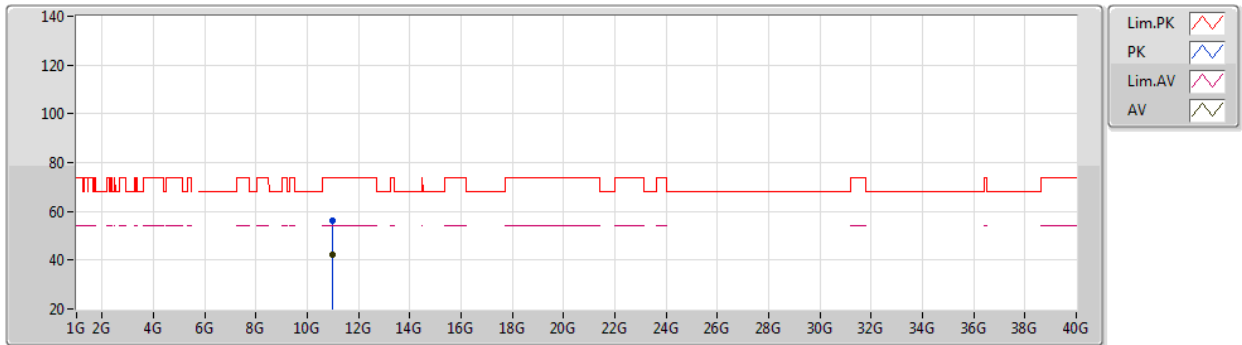
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Setting 12
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.4384G	59.02	74.00	-14.98	52.59	3	Horizontal	240	1.44	-	34.44	6.96	34.97	
AV	5.44G	45.86	54.00	-8.14	39.43	3	Horizontal	240	1.44	-	34.44	6.96	34.97	
PK	5.4684G	58.35	68.20	-9.85	51.89	3	Horizontal	240	1.44	-	34.47	6.98	34.99	
PK	5.494G	107.45	Inf	-Inf	100.96	3	Horizontal	240	1.44	-	34.49	7.01	35.01	
AV	5.4948G	97.12	Inf	-Inf	90.63	3	Horizontal	240	1.44	-	34.49	7.01	35.01	

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5500MHz_TX



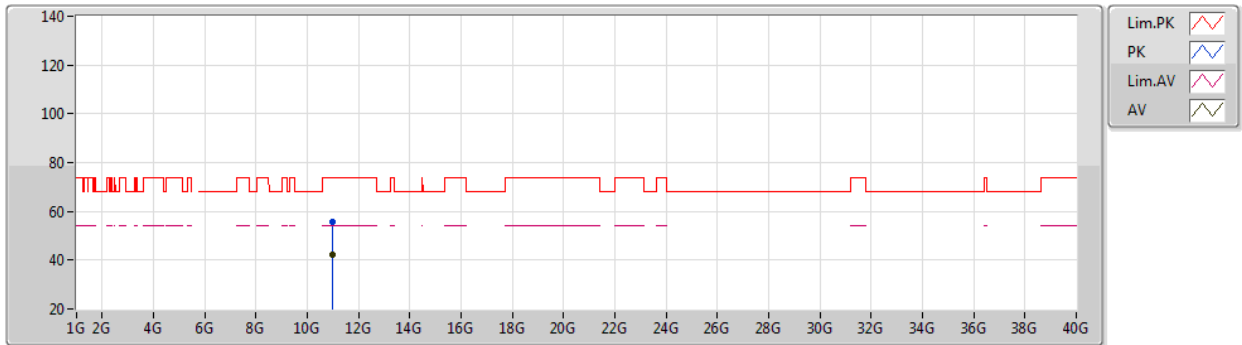
EUT Y_4TX
Setting 12
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.00112G	56.26	74.00	-17.74	42.25	3	Vertical	189	1.84	-	38.50	10.10	34.59
AV	11.00282G	42.18	54.00	-11.82	28.17	3	Vertical	189	1.84	-	38.50	10.10	34.59

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5500MHz_TX



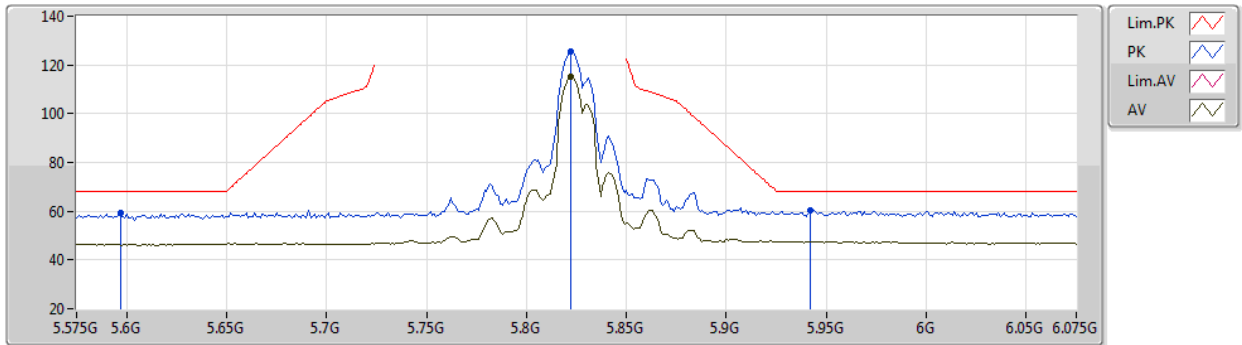
EUT Y_4TX
Setting 12
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.99718G	55.58	74.00	-18.42	41.57	3	Horizontal	230	2.09	-	38.50	10.10	34.59
AV	11.0024G	42.20	54.00	-11.80	28.19	3	Horizontal	230	2.09	-	38.50	10.10	34.59

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5825MHz_TX



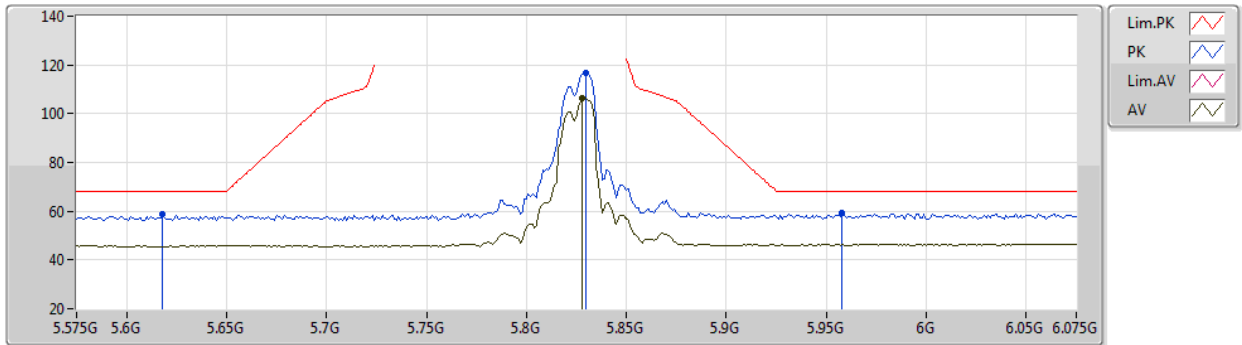
EUT Y_4TX
Setting 23.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.597G	59.16	68.20	-9.04	52.72	3	Vertical	172	1.84	-	34.40	7.02	34.98
PK	5.822G	125.65	Inf	-Inf	119.19	3	Vertical	172	1.84	-	34.34	7.04	34.92
AV	5.822G	115.05	Inf	-Inf	108.59	3	Vertical	172	1.84	-	34.34	7.04	34.92
PK	5.942G	60.40	68.20	-7.80	53.61	3	Vertical	172	1.84	-	34.63	7.05	34.89

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5825MHz_TX



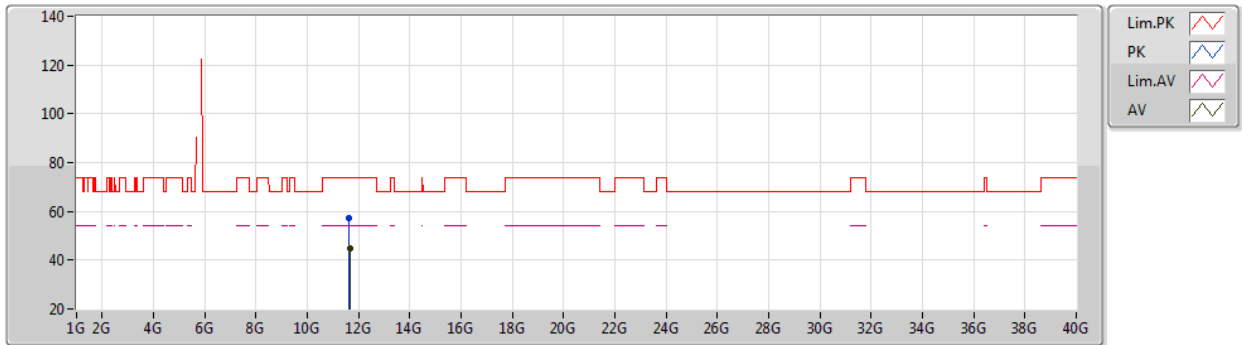
EUT Y_4TX
Setting 23.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.618G	58.54	68.20	-9.66	52.11	3	Horizontal	246	1.93	-	34.38	7.02	34.97
PK	5.83G	116.96	Inf	-Inf	110.48	3	Horizontal	246	1.93	-	34.36	7.04	34.92
AV	5.828G	106.37	Inf	-Inf	99.89	3	Horizontal	246	1.93	-	34.36	7.04	34.92
PK	5.958G	59.16	68.20	-9.04	52.31	3	Horizontal	246	1.93	-	34.67	7.06	34.88

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5825MHz_TX



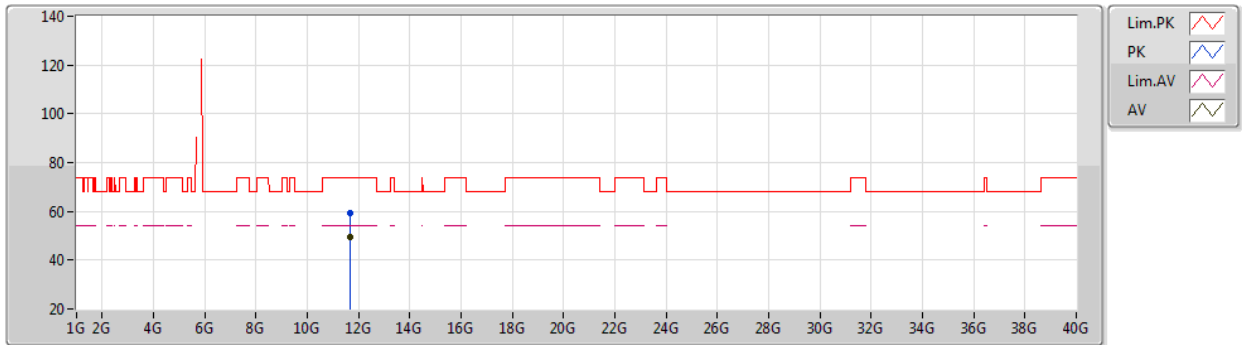
EUT Y_4TX
Setting 23.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64726G	57.06	74.00	-16.94	42.64	3	Vertical	293	1.80	-	38.95	10.18	34.71
AV	11.64998G	44.63	54.00	-9.37	30.21	3	Vertical	293	1.80	-	38.95	10.18	34.71

802.11a_Nss1,(6Mbps)_4TX

15/04/2020

5825MHz_TX



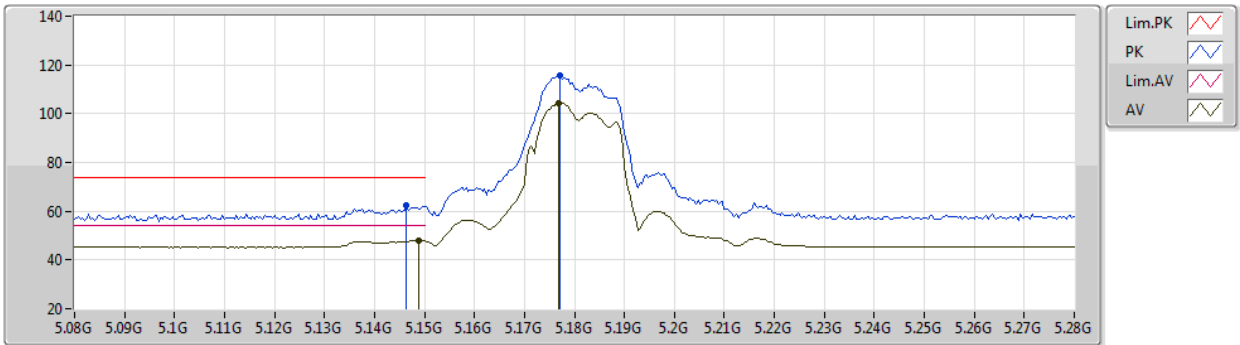
EUT Y_4TX
Setting 23.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64988G	59.25	74.00	-14.75	44.83	3	Horizontal	345	1.59	-	38.95	10.18	34.71
AV	11.64998G	49.26	54.00	-4.74	34.84	3	Horizontal	345	1.59	-	38.95	10.18	34.71

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5180MHz_TX



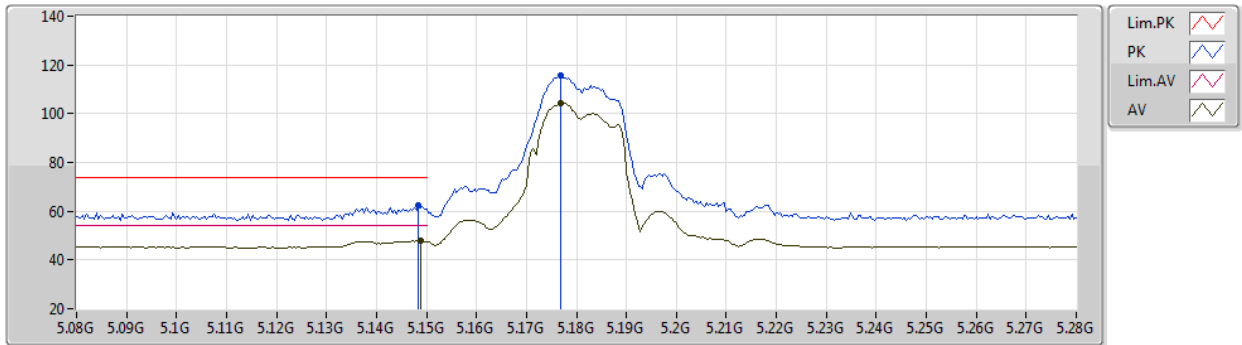
EUT Y_4TX
Setting 22
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1464G	62.56	74.00	-11.44	56.55	3	Vertical	254	1.97	-	34.05	6.73	34.77
AV	5.1488G	48.17	54.00	-5.83	42.16	3	Vertical	254	1.97	-	34.05	6.73	34.77
PK	5.1772G	115.90	Inf	-Inf	109.86	3	Vertical	254	1.97	-	34.08	6.75	34.79
AV	5.1768G	104.41	Inf	-Inf	98.37	3	Vertical	254	1.97	-	34.08	6.75	34.79

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5180MHz_TX



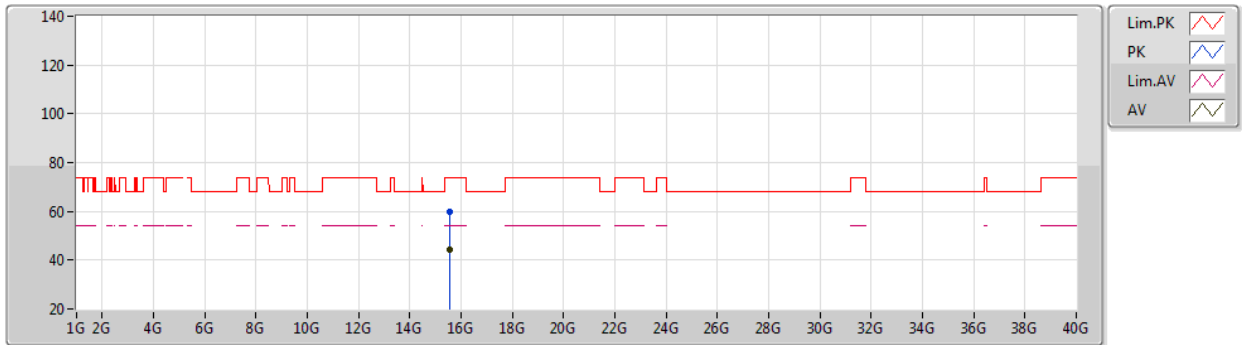
EUT Y_4TX
Setting 22
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	51484G	62.65	74.00	-11.35	56.64	3	Horizontal	256	1.96	-	34.05	6.73	34.77
AV	51488G	47.78	54.00	-6.22	41.77	3	Horizontal	256	1.96	-	34.05	6.73	34.77
PK	51768G	115.51	Inf	-Inf	109.47	3	Horizontal	256	1.96	-	34.08	6.75	34.79
AV	51768G	104.41	Inf	-Inf	98.37	3	Horizontal	256	1.96	-	34.08	6.75	34.79

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5180MHz_TX



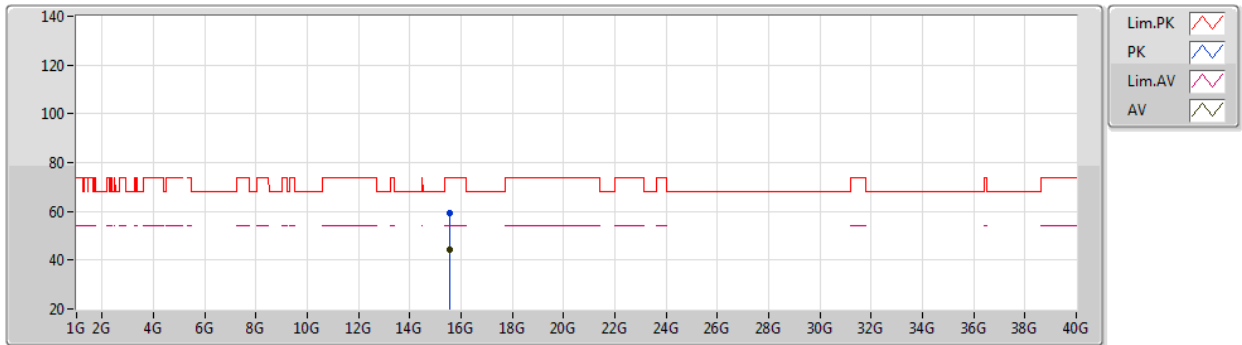
EUT Y_4TX
Setting 22
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53584G	59.92	74.00	-14.08	44.20	3	Vertical	311	1.80	-	38.89	11.62	34.79
AV	15.5353G	44.31	54.00	-9.69	28.59	3	Vertical	311	1.80	-	38.89	11.62	34.79

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5180MHz_TX



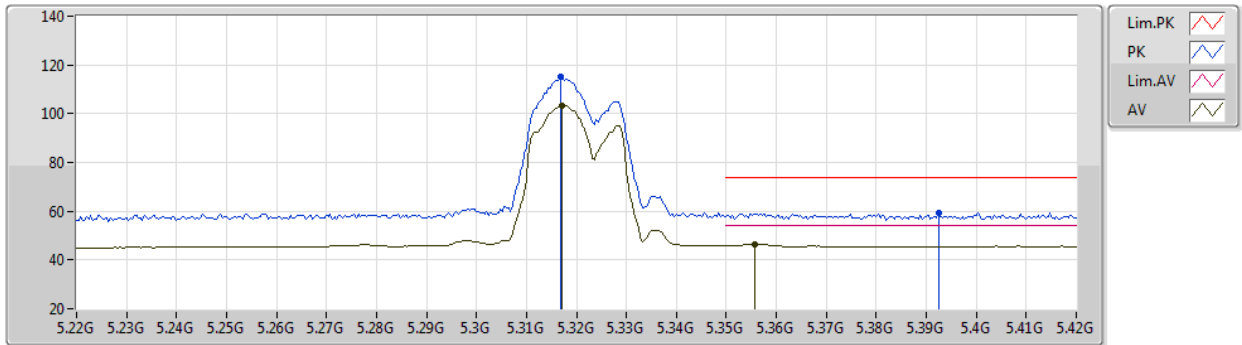
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Setting 22
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.53508G	59.25	74.00	-14.75	43.53	3	Horizontal	202	2.13	-	38.89	11.62	34.79
AV	15.5363G	44.30	54.00	-9.70	28.58	3	Horizontal	202	2.13	-	38.89	11.62	34.79

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5320MHz_TX



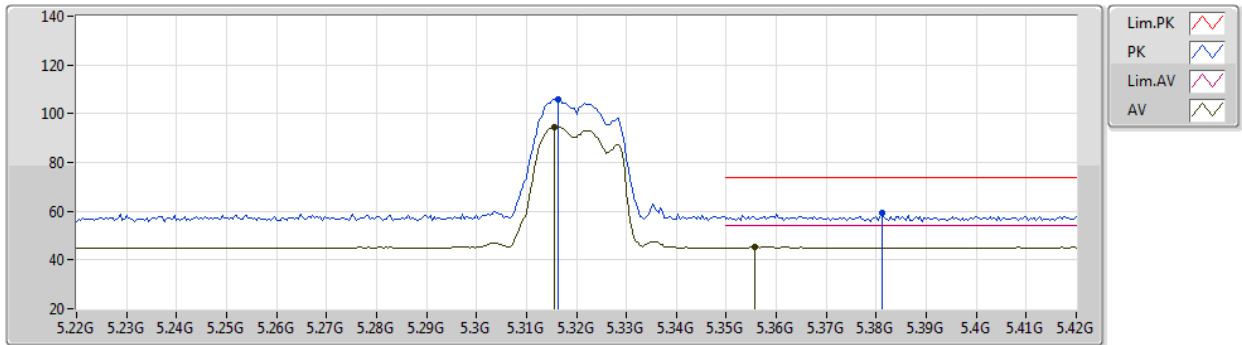
EUT Y_4TX
Setting 10.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3168G	114.99	Inf	-Inf	108.69	3	Vertical	177	1.95	-	34.32	6.87	34.89
AV	5.3172G	103.45	Inf	-Inf	97.15	3	Vertical	177	1.95	-	34.32	6.87	34.89
PK	5.3924G	59.35	74.00	-14.65	52.98	3	Vertical	177	1.95	-	34.39	6.92	34.94
AV	5.3556G	46.46	54.00	-7.54	40.12	3	Vertical	177	1.95	-	34.36	6.90	34.92

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5320MHz_TX



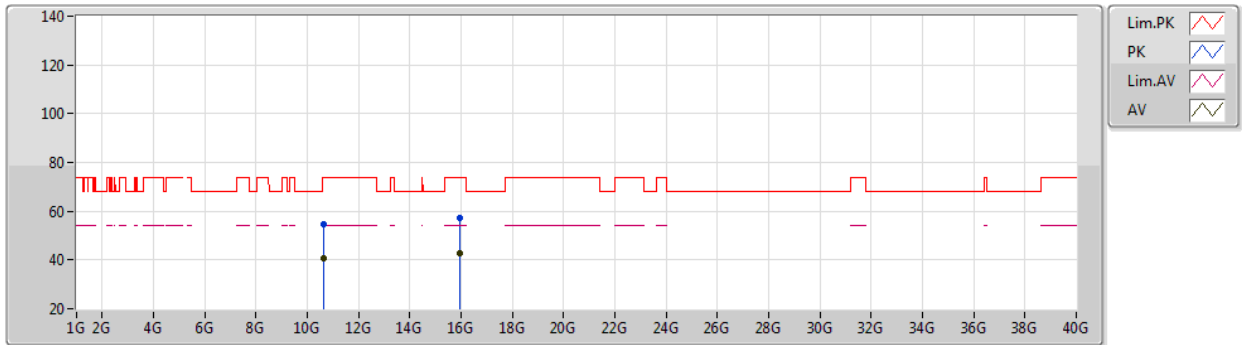
EUT Y_4TX
Setting 10.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3164G	106.04	Inf	-Inf	99.74	3	Horizontal	251	2.06	-	34.32	6.87	34.89
AV	5.3156G	94.64	Inf	-Inf	88.34	3	Horizontal	251	2.06	-	34.32	6.87	34.89
PK	5.3812G	59.39	74.00	-14.61	53.03	3	Horizontal	251	2.06	-	34.38	6.92	34.94
AV	5.3556G	45.18	54.00	-8.82	38.84	3	Horizontal	251	2.06	-	34.36	6.90	34.92

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5320MHz_TX



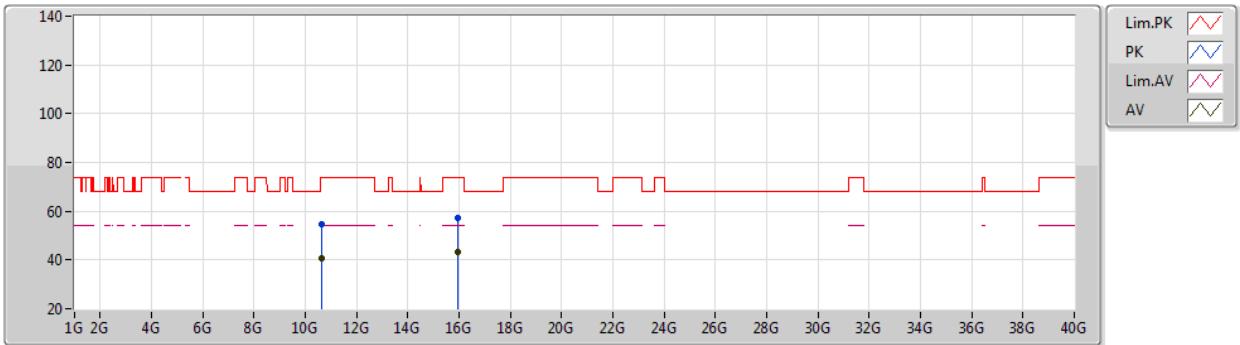
EUT Y_4TX
Setting 10.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.63514G	54.66	74.00	-19.34	41.00	3	Vertical	215	1.26	-	38.43	10.04	34.81
AV	10.63546G	40.70	54.00	-13.30	27.04	3	Vertical	215	1.26	-	38.43	10.04	34.81
PK	15.95986G	57.21	74.00	-16.79	43.01	3	Vertical	121	1.18	-	37.62	11.84	35.26
AV	15.95782G	43.01	54.00	-10.99	28.79	3	Vertical	121	1.18	-	37.63	11.84	35.25

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5320MHz_TX



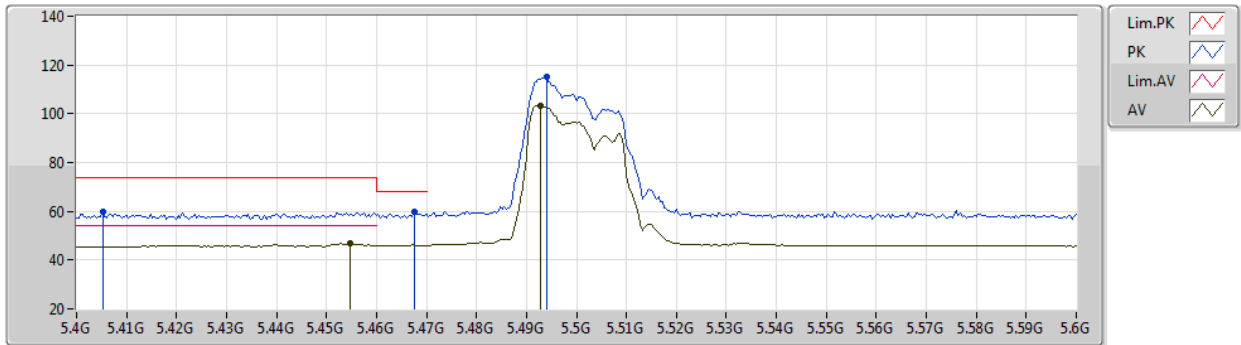
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Setting 10.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.63724G	54.86	74.00	-19.14	41.20	3	Horizontal	176	2.28	-	38.43	10.04	34.81
AV	10.63748G	40.70	54.00	-13.30	27.04	3	Horizontal	176	2.28	-	38.43	10.04	34.81
PK	15.95634G	57.12	74.00	-16.88	42.90	3	Horizontal	130	1.48	-	37.63	11.84	35.25
AV	15.95676G	43.04	54.00	-10.96	28.82	3	Horizontal	130	1.48	-	37.63	11.84	35.25

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5500MHz_TX



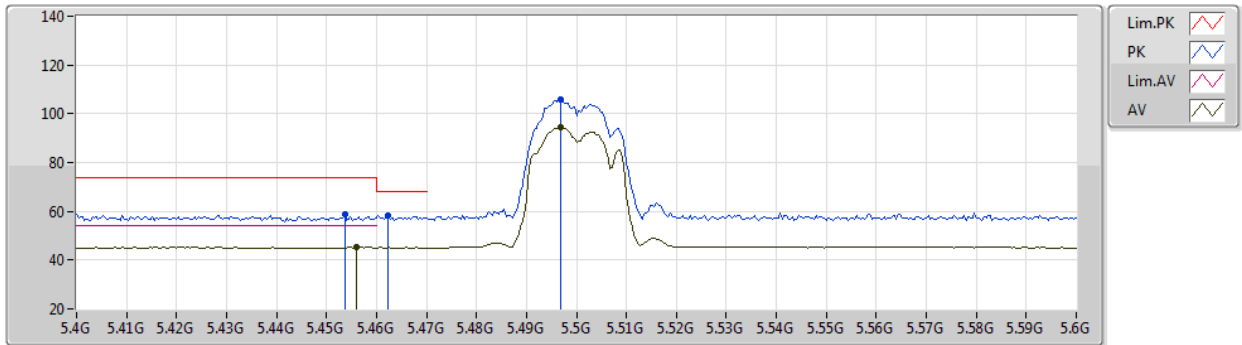
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Setting 11.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.4052G	59.90	74.00	-14.10	53.51	3	Vertical	202	1.72	-	34.41	6.93	34.95	
PK	5.4676G	59.75	68.20	-8.45	53.29	3	Vertical	202	1.72	-	34.47	6.98	34.99	
AV	5.4548G	46.68	54.00	-7.32	40.24	3	Vertical	202	1.72	-	34.45	6.97	34.98	
PK	5.494G	115.02	Inf	-Inf	108.53	3	Vertical	202	1.72	-	34.49	7.01	35.01	
AV	5.4928G	103.49	Inf	-Inf	97.01	3	Vertical	202	1.72	-	34.49	7.00	35.01	

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5500MHz_TX



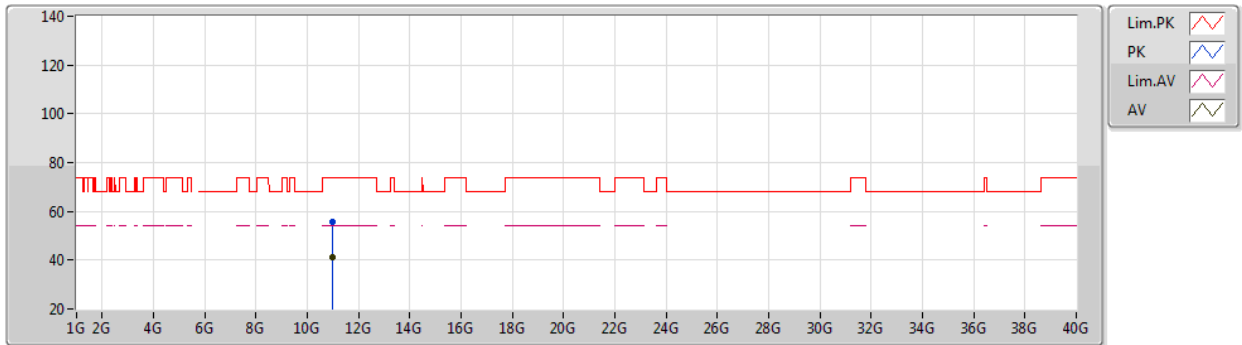
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Setting 11.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4536G	58.56	74.00	-15.44	52.12	3	Horizontal	254	1.85	-	34.45	6.97	34.98
AV	5.456G	45.23	54.00	-8.77	38.78	3	Horizontal	254	1.85	-	34.46	6.97	34.98
PK	5.4624G	58.34	68.20	-9.86	51.89	3	Horizontal	254	1.85	-	34.46	6.98	34.99
PK	5.4968G	105.71	Inf	-Inf	99.21	3	Horizontal	254	1.85	-	34.50	7.01	35.01
AV	5.4968G	94.52	Inf	-Inf	88.02	3	Horizontal	254	1.85	-	34.50	7.01	35.01

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5500MHz_TX



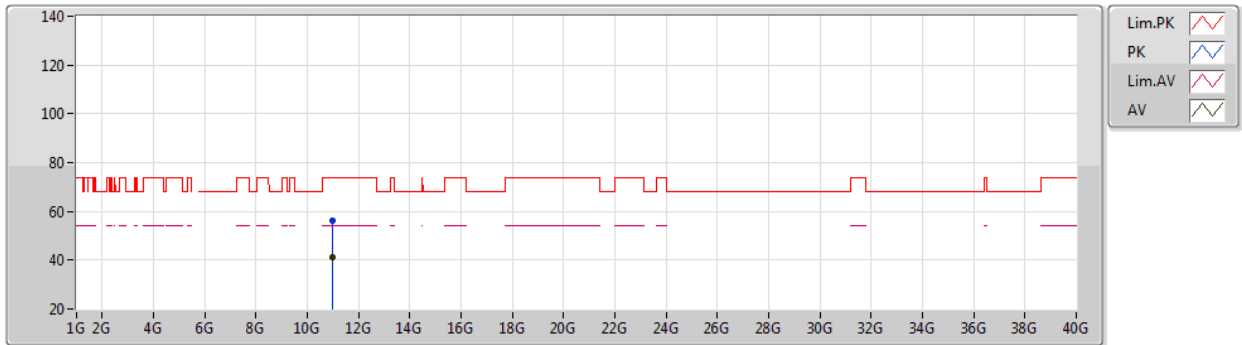
EUT Y_4TX
Setting 11.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.00136G	55.84	74.00	-18.16	41.83	3	Vertical	331	1.87	-	38.50	10.10	34.59
AV	11.00068G	41.34	54.00	-12.66	27.33	3	Vertical	331	1.87	-	38.50	10.10	34.59

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5500MHz_TX



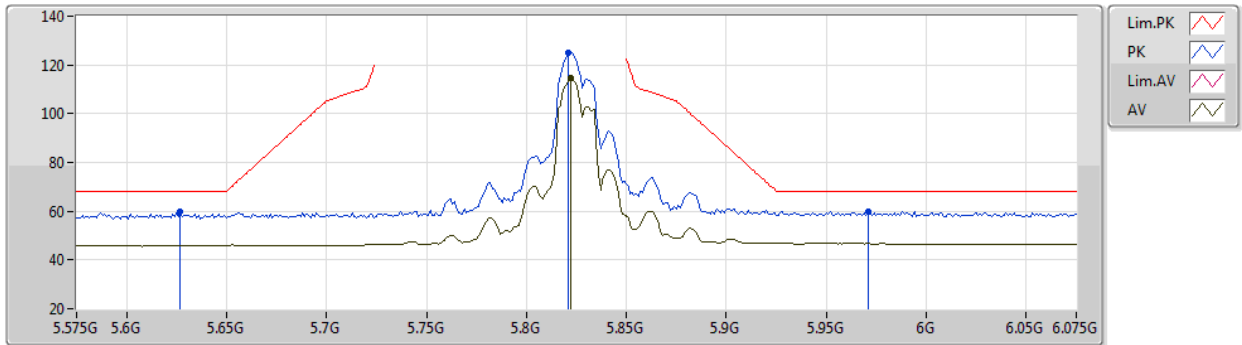
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Setting 11.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.00176G	55.95	74.00	-18.05	41.94	3	Horizontal	168	1.79	-	38.50	10.10	34.59
AV	11.0024G	41.30	54.00	-12.70	27.29	3	Horizontal	168	1.79	-	38.50	10.10	34.59

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5825MHz_TX



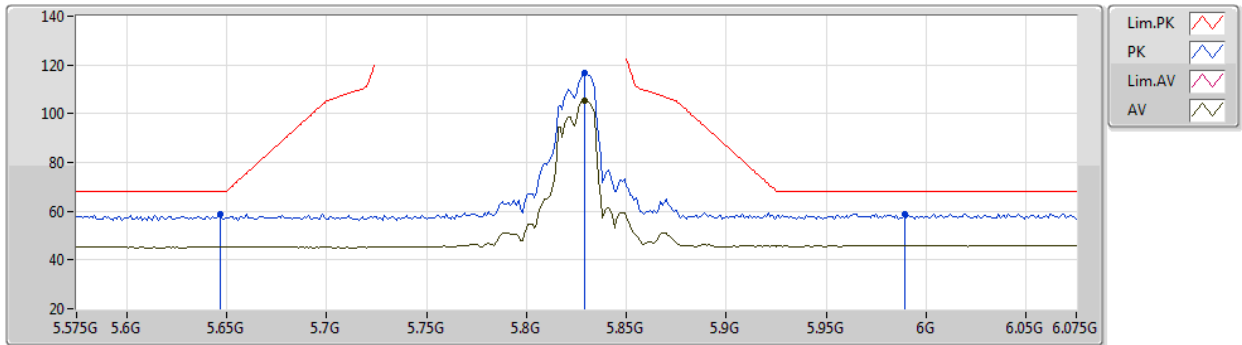
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Setting 24
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.627G	59.88	68.20	-8.32	53.46	3	Vertical	172	1.80	-	34.37	7.02	34.97
PK	5.821G	125.25	Inf	-Inf	118.79	3	Vertical	172	1.80	-	34.34	7.04	34.92
AV	5.822G	114.52	Inf	-Inf	108.06	3	Vertical	172	1.80	-	34.34	7.04	34.92
PK	5.971G	59.93	68.20	-8.27	53.04	3	Vertical	172	1.80	-	34.71	7.06	34.88

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5825MHz_TX



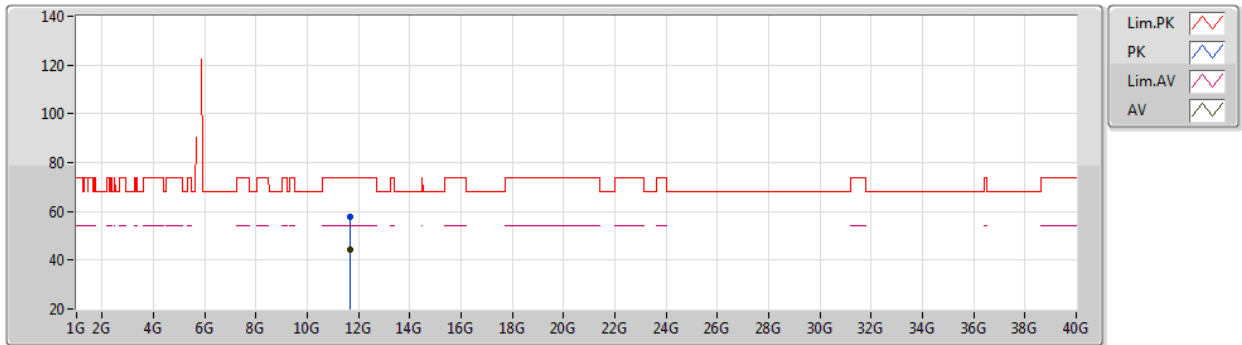
EUT Y_4TX
Setting 24
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	58.77	68.20	-9.43	52.37	3	Horizontal	244	1.98	-	34.35	7.02	34.97
PK	5.829G	116.73	Inf	-Inf	110.25	3	Horizontal	244	1.98	-	34.36	7.04	34.92
AV	5.829G	105.45	Inf	-Inf	98.97	3	Horizontal	244	1.98	-	34.36	7.04	34.92
PK	5.989G	58.74	68.20	-9.46	51.78	3	Horizontal	244	1.98	-	34.77	7.06	34.87

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5825MHz_TX



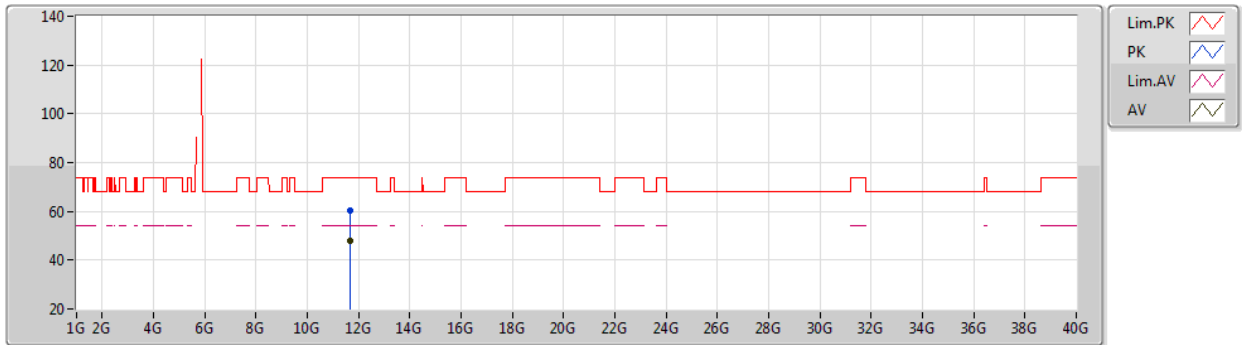
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Setting 24
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65028G	57.56	74.00	-16.44	43.13	3	Vertical	297	1.80	-	38.96	10.18	34.71
AV	11.64998G	44.24	54.00	-9.76	29.82	3	Vertical	297	1.80	-	38.95	10.18	34.71

802.11ac VHT20_Nss1,(MCS0)_4TX

15/04/2020

5825MHz_TX



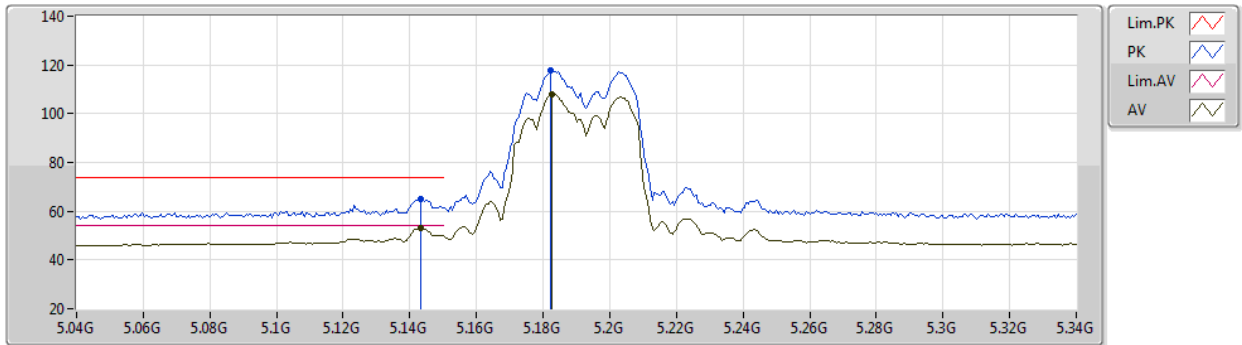
EUT Y_4TX
Setting 24
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65014G	60.17	74.00	-13.83	45.74	3	Horizontal	342	1.61	-	38.96	10.18	34.71
AV	11.65004G	47.92	54.00	-6.08	33.49	3	Horizontal	342	1.61	-	38.96	10.18	34.71

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5190MHz_TX



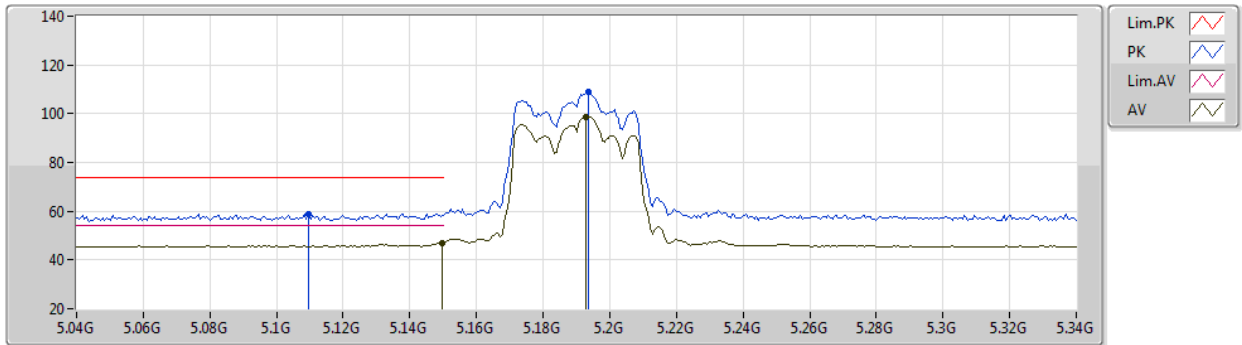
EUT Y_4TX
Setting 19.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1432G	65.13	74.00	-8.87	59.13	3	Vertical	202	1.75	-	34.04	6.73	34.77
AV	5.1432G	53.33	54.00	-0.67	47.33	3	Vertical	202	1.75	-	34.04	6.73	34.77
PK	5.1822G	117.99	Inf	-Inf	111.95	3	Vertical	202	1.75	-	34.08	6.76	34.80
AV	5.1828G	107.80	Inf	-Inf	101.76	3	Vertical	202	1.75	-	34.08	6.76	34.80

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5190MHz_TX



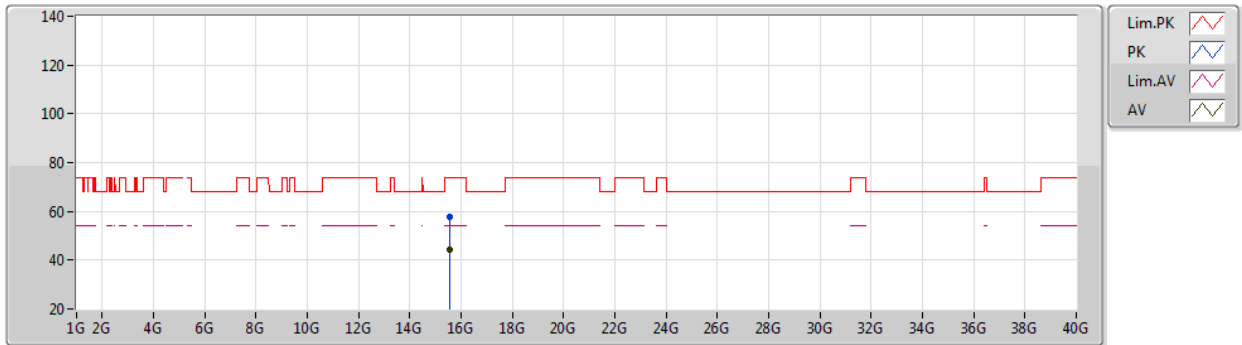
EUT Y_4TX
Setting 19.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1096G	59.00	74.00	-15.00	53.03	3	Horizontal	256	2.34	-	34.01	6.71	34.75
AV	5.1498G	47.11	54.00	-6.89	41.10	3	Horizontal	256	2.34	-	34.05	6.73	34.77
PK	5.1936G	108.71	Inf	-Inf	102.66	3	Horizontal	256	2.34	-	34.09	6.77	34.81
AV	5.193G	98.83	Inf	-Inf	92.78	3	Horizontal	256	2.34	-	34.09	6.77	34.81

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5190MHz_TX



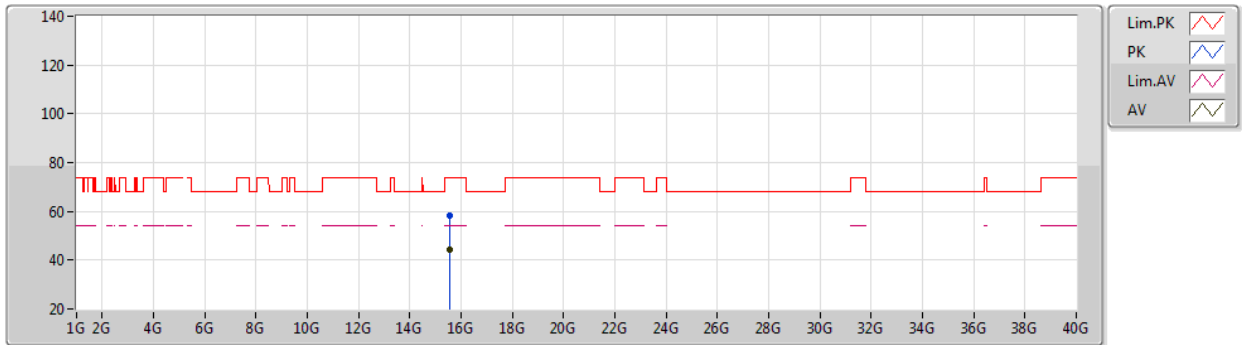
EUT Y_4TX
Setting 19.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.57034G	57.96	74.00	-16.04	42.36	3	Vertical	310	1.35	-	38.79	11.64	34.83
AV	15.56706G	44.32	54.00	-9.68	28.71	3	Vertical	310	1.35	-	38.80	11.64	34.83

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5190MHz_TX



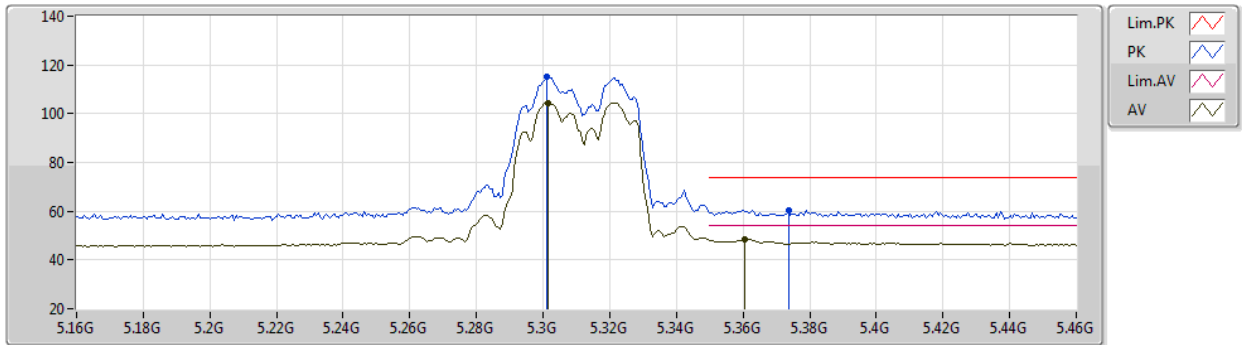
EUT Y_4TX
Setting 19.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5699G	58.29	74.00	-15.71	42.69	3	Horizontal	167	2.08	-	38.79	11.64	34.83
AV	15.56854G	44.23	54.00	-9.77	28.63	3	Horizontal	167	2.08	-	38.79	11.64	34.83

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5310MHz_TX



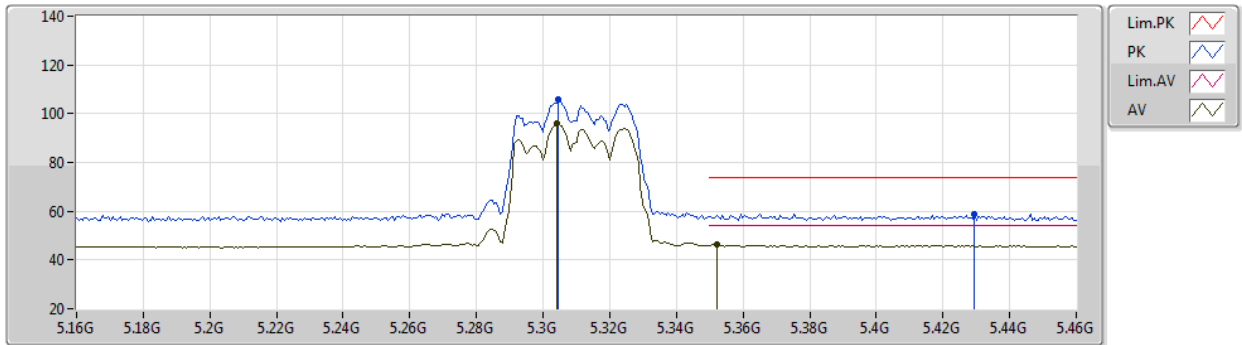
EUT Y_4TX
Setting 14
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3016G	114.95	Inf	-Inf	108.67	3	Vertical	205	1.77	-	34.30	6.86	34.88
AV	5.3016G	104.47	Inf	-Inf	98.19	3	Vertical	205	1.77	-	34.30	6.86	34.88
PK	5.3736G	60.42	74.00	-13.58	54.07	3	Vertical	205	1.77	-	34.37	6.91	34.93
AV	5.3604G	48.57	54.00	-5.43	42.23	3	Vertical	205	1.77	-	34.36	6.90	34.92

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5310MHz_TX



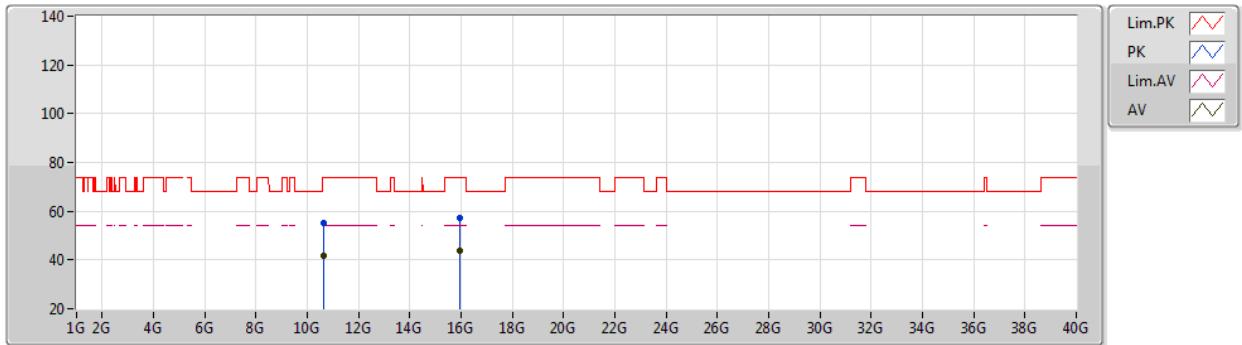
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Setting 14
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3046G	105.94	Inf	-Inf	99.66	3	Horizontal	248	1.78	-	34.30	6.86	34.88
AV	5.304G	95.81	Inf	-Inf	89.53	3	Horizontal	248	1.78	-	34.30	6.86	34.88
PK	5.4294G	58.83	74.00	-15.17	52.42	3	Horizontal	248	1.78	-	34.43	6.95	34.97
AV	5.352G	46.26	54.00	-7.74	39.93	3	Horizontal	248	1.78	-	34.35	6.90	34.92

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5310MHz_TX



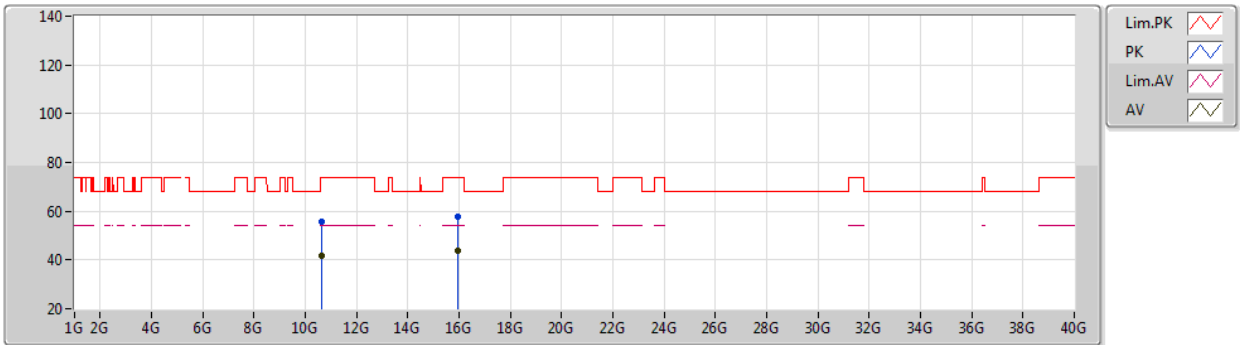
EUT Y_4TX
Setting 14
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	10.62404G	55.21	74.00	-18.79	41.57	3	Vertical	168	2.06	-	38.42	10.04	34.82	
AV	10.61666G	41.70	54.00	-12.30	28.06	3	Vertical	168	2.06	-	38.42	10.04	34.82	
PK	15.92854G	57.42	74.00	-16.58	43.11	3	Vertical	102	1.32	-	37.71	11.82	35.22	
AV	15.93398G	43.99	54.00	-10.01	29.69	3	Vertical	102	1.32	-	37.70	11.83	35.23	

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5310MHz_TX



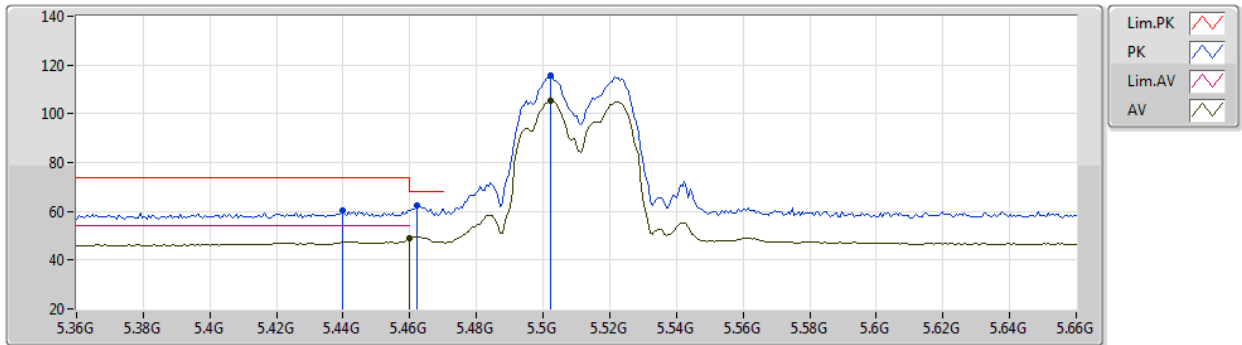
EUT Y_4TX
Setting 14
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.61572G	55.74	74.00	-18.26	42.10	3	Horizontal	200	1.97	-	38.42	10.04	34.82
AV	10.61502G	41.77	54.00	-12.23	28.13	3	Horizontal	200	1.97	-	38.42	10.04	34.82
PK	15.9319G	57.56	74.00	-16.44	43.26	3	Horizontal	37	2.19	-	37.70	11.83	35.23
AV	15.92636G	43.80	54.00	-10.20	29.48	3	Horizontal	37	2.19	-	37.72	11.82	35.22

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5510MHz_TX



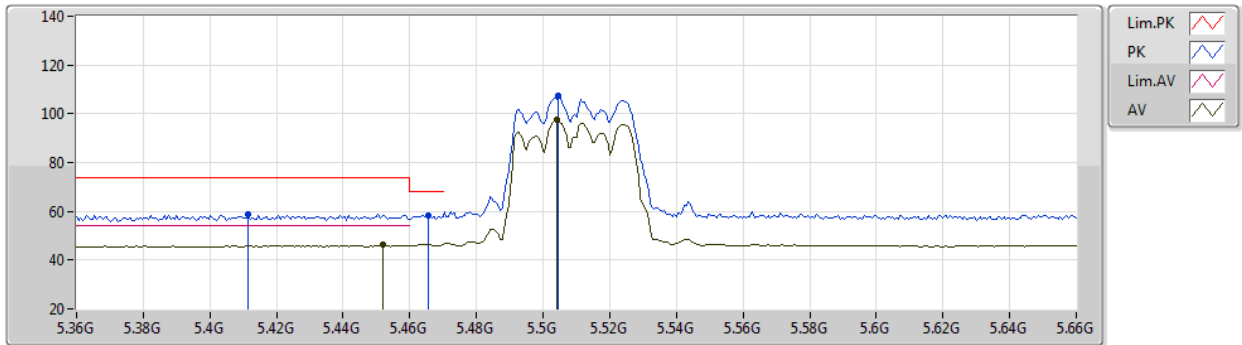
EUT Y_4TX
Setting 14.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.4398G	60.31	74.00	-13.69	53.88	3	Vertical	198	1.56	-	34.44	6.96	34.97	
PK	5.462G	62.50	68.20	-5.70	56.05	3	Vertical	198	1.56	-	34.46	6.98	34.99	
AV	5.46G	48.87	54.00	-5.13	42.42	3	Vertical	198	1.56	-	34.46	6.98	34.99	
PK	5.5022G	115.62	Inf	-Inf	109.12	3	Vertical	198	1.56	-	34.50	7.01	35.01	
AV	5.5022G	105.15	Inf	-Inf	98.65	3	Vertical	198	1.56	-	34.50	7.01	35.01	

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5510MHz_TX

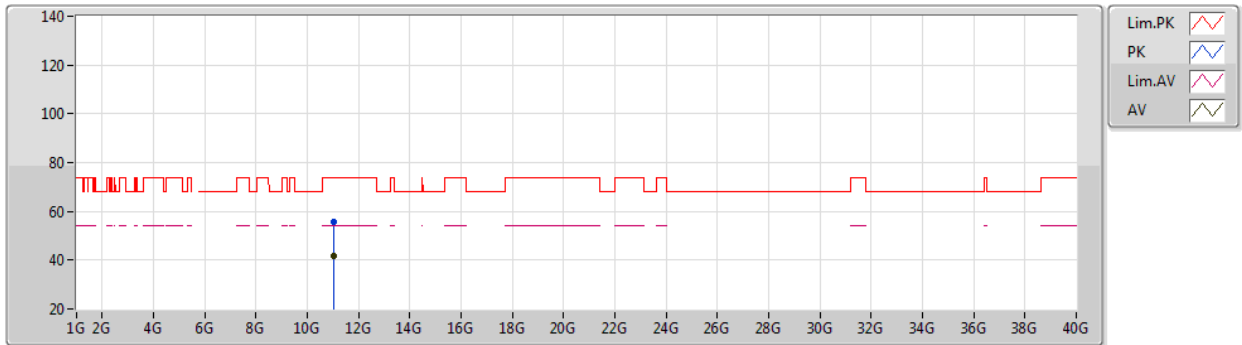

EUT Y_4TX
Setting 14.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4116G	58.94	74.00	-15.06	52.55	3	Horizontal	239	1.43	-	34.41	6.94	34.96
PK	5.4656G	58.28	68.20	-9.92	51.82	3	Horizontal	239	1.43	-	34.47	6.98	34.99
AV	5.4518G	46.27	54.00	-7.73	39.83	3	Horizontal	239	1.43	-	34.45	6.97	34.98
PK	5.5046G	107.56	Inf	-Inf	101.06	3	Horizontal	239	1.43	-	34.50	7.01	35.01
AV	5.504G	97.53	Inf	-Inf	91.03	3	Horizontal	239	1.43	-	34.50	7.01	35.01

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5510MHz_TX



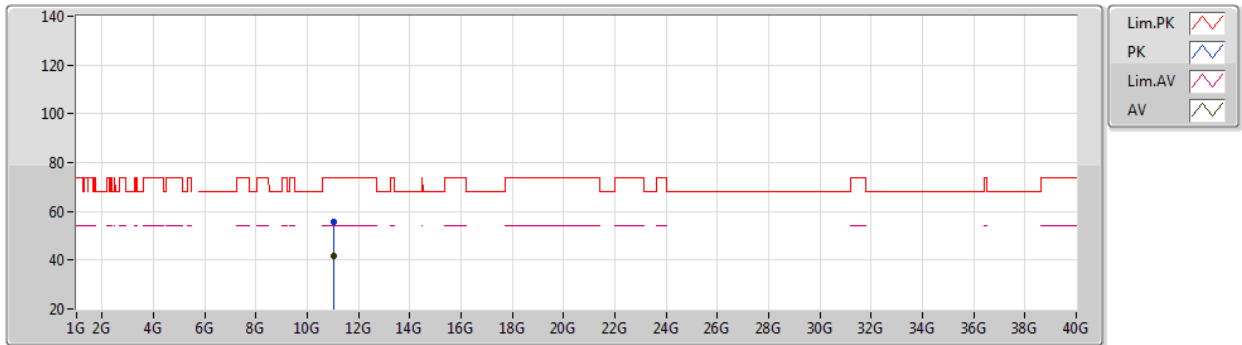
EUT Y_4TX
Setting 14.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.02248G	55.78	74.00	-18.22	41.75	3	Vertical	116	1.51	-	38.52	10.10	34.59
AV	11.02154G	41.94	54.00	-12.06	27.91	3	Vertical	116	1.51	-	38.52	10.10	34.59

802.11ac VHT40_Nss1,(MCS0)_4TX

15/04/2020

5510MHz_TX



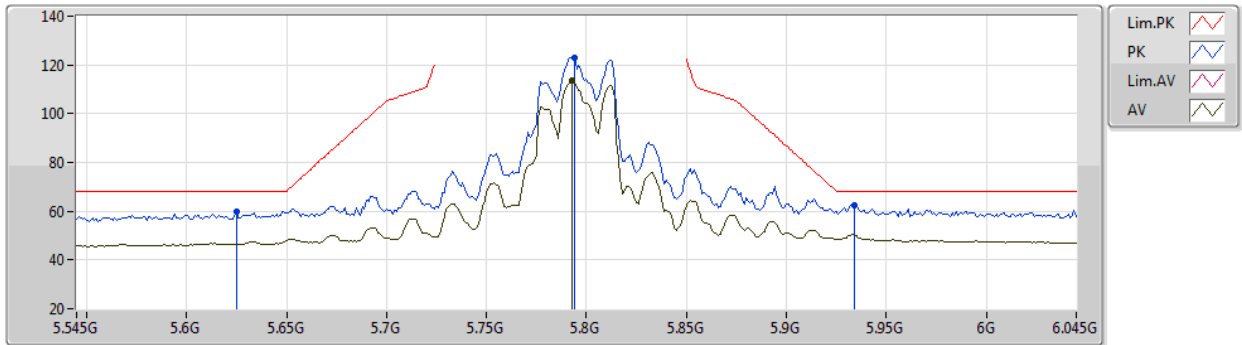
EUT Y_4TX
Setting 14.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.02004G	55.62	74.00	-18.38	41.60	3	Horizontal	198	1.29	-	38.51	10.10	34.59
AV	11.01882G	41.91	54.00	-12.09	27.89	3	Horizontal	198	1.29	-	38.51	10.10	34.59

802.11ac VHT40_Nss1,(MCS0)_4TX

08/04/2020

5795MHz_TX



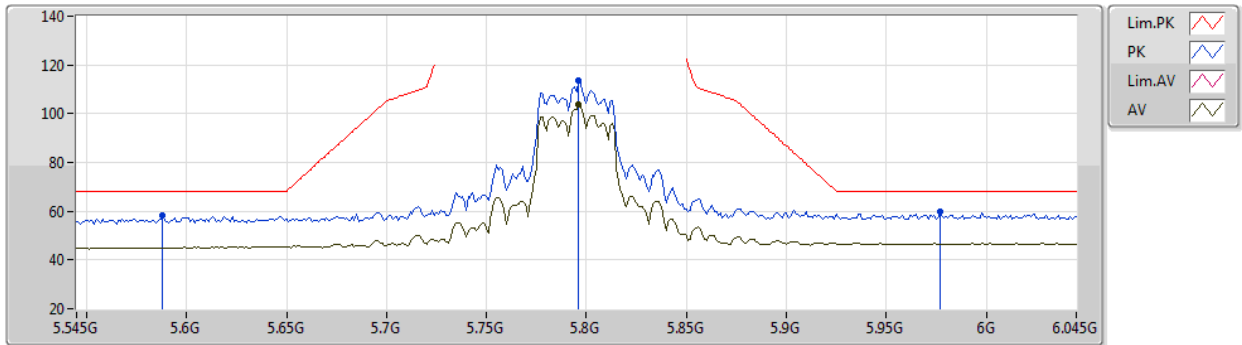
EUT Y_4TX
Setting 24
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.625G	59.78	68.20	-8.42	54.18	3	Vertical	178	1.99	-	34.00	6.31	34.71
PK	5.794G	123.11	Inf	-Inf	117.08	3	Vertical	178	1.99	-	34.28	6.40	34.65
AV	5.793G	113.56	Inf	-Inf	107.53	3	Vertical	178	1.99	-	34.28	6.40	34.65
PK	5.934G	62.53	68.20	-5.67	55.69	3	Vertical	178	1.99	-	34.97	6.47	34.60

802.11ac VHT40_Nss1,(MCS0)_4TX

08/04/2020

5795MHz_TX



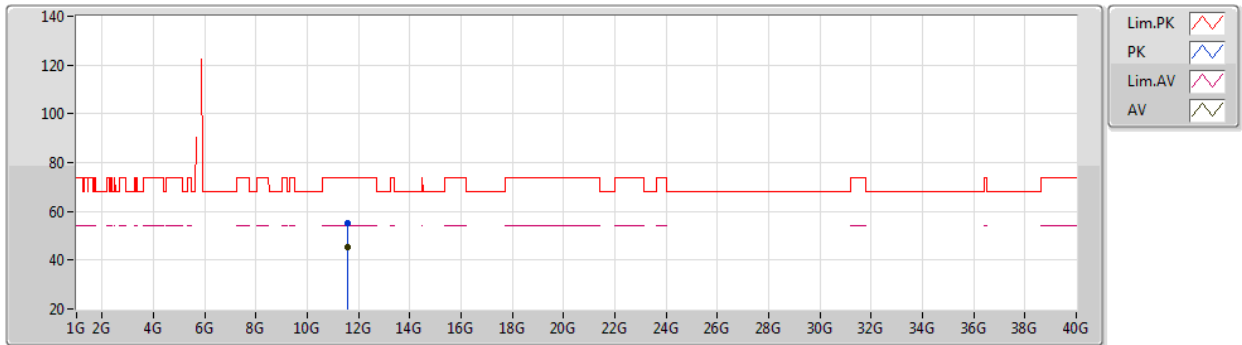
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Setting 24
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.588G	58.17	68.20	-10.03	52.60	3	Horizontal	222	1.80	-	33.98	6.31	34.72
PK	5.796G	113.51	Inf	-Inf	107.47	3	Horizontal	222	1.80	-	34.29	6.40	34.65
AV	5.796G	103.72	Inf	-Inf	97.68	3	Horizontal	222	1.80	-	34.29	6.40	34.65
PK	5.977G	59.67	68.20	-8.53	52.57	3	Horizontal	222	1.80	-	35.19	6.49	34.58

802.11ac VHT40_Nss1,(MCS0)_4TX

08/04/2020

5795MHz_TX



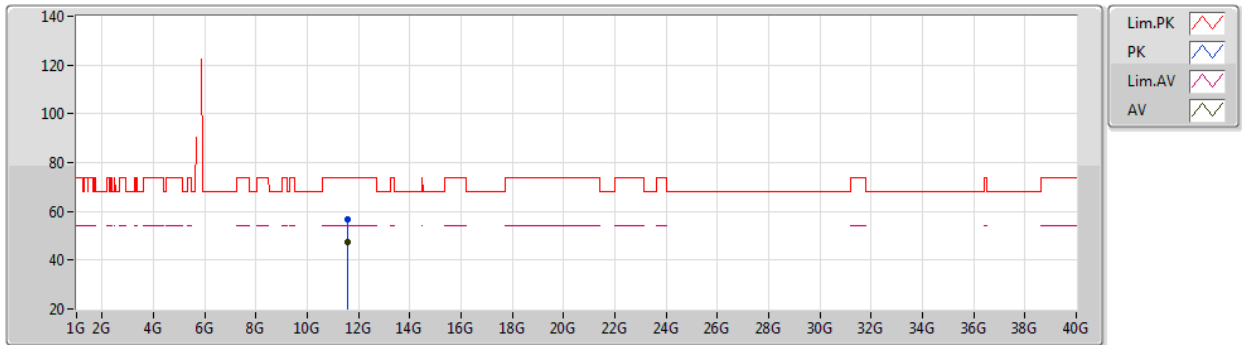
EUT Y_4TX
Setting 24
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5898G	55.34	74.00	-18.66	42.54	3	Vertical	250	1.80	-	38.46	9.28	34.94
AV	11.59G	45.09	54.00	-8.91	32.29	3	Vertical	250	1.80	-	38.46	9.28	34.94

802.11ac VHT40_Nss1,(MCS0)_4TX

08/04/2020

5795MHz_TX



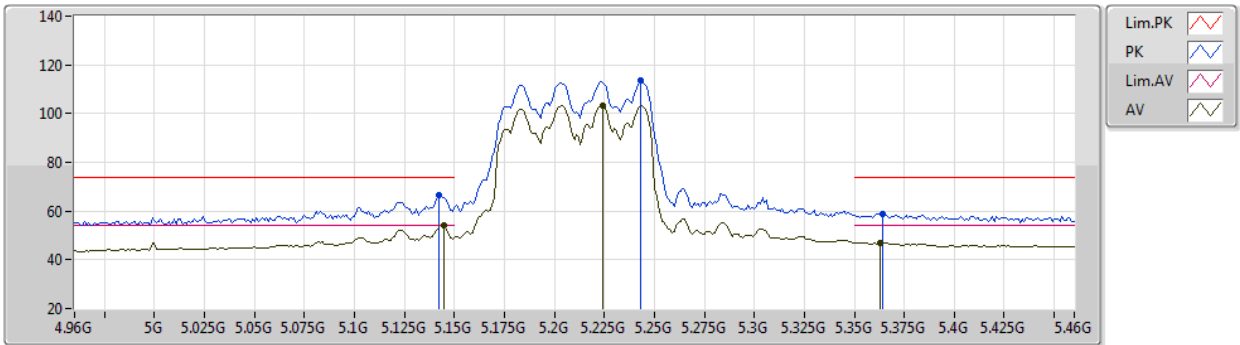
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Setting 24
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58986G	56.79	74.00	-17.21	43.99	3	Horizontal	343	1.59	-	38.46	9.28	34.94
AV	11.58999G	47.18	54.00	-6.82	34.38	3	Horizontal	343	1.59	-	38.46	9.28	34.94

802.11ac VHT80_Nss1,(MCS0)_4TX

08/04/2020

5210MHz_TX



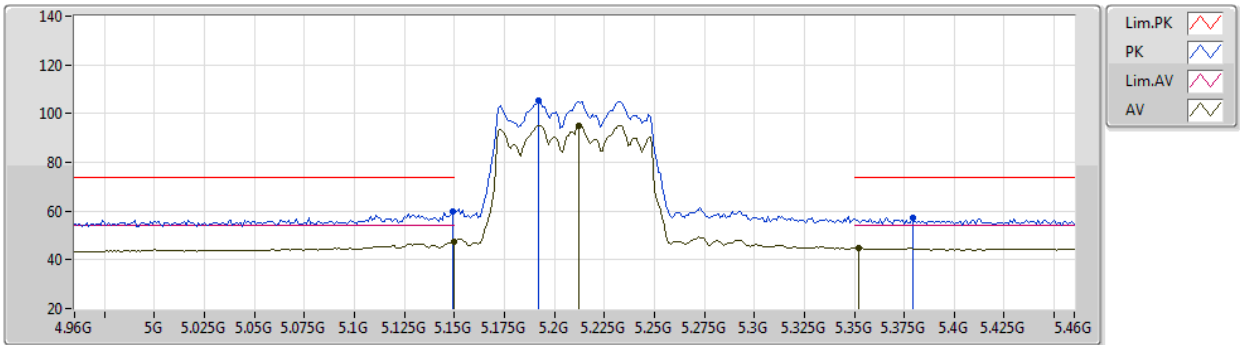
EUT Y_4TX
Setting 17
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.142G	66.47	74.00	-7.53	62.43	3	Vertical	208	1.66	-	32.80	5.87	34.63
AV	5.145G	53.93	54.00	-0.07	49.89	3	Vertical	208	1.66	-	32.80	5.87	34.63
PK	5.243G	113.42	Inf	-Inf	109.14	3	Vertical	208	1.66	-	32.93	6.02	34.67
AV	5.224G	103.44	Inf	-Inf	99.27	3	Vertical	208	1.66	-	32.87	5.96	34.66
PK	5.364G	58.75	74.00	-15.25	53.98	3	Vertical	208	1.66	-	33.16	6.32	34.71
AV	5.363G	47.10	54.00	-6.90	42.34	3	Vertical	208	1.66	-	33.16	6.31	34.71

802.11ac VHT80_Nss1,(MCS0)_4TX

08/04/2020

5210MHz_TX



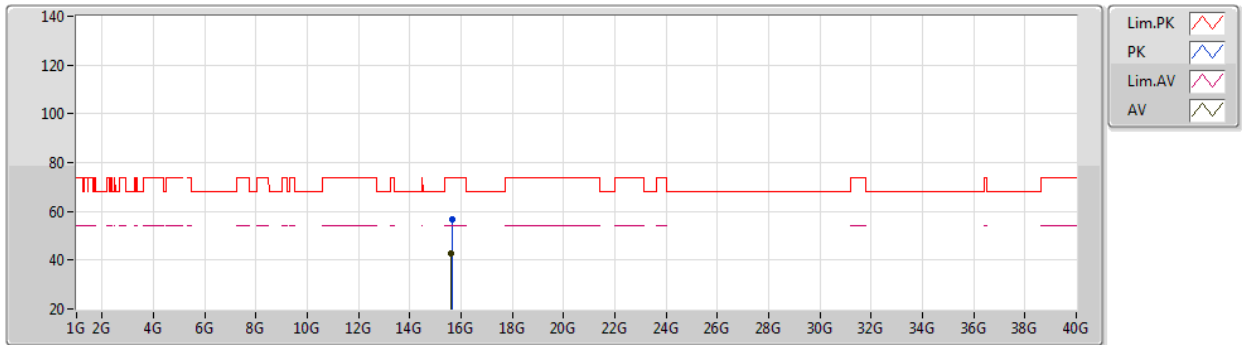
EUT Y_4TX
Setting 17
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	59.90	74.00	-14.10	55.86	3	Horizontal	248	2.36	-	32.80	5.87	34.63
AV	5.15G	47.51	54.00	-6.49	43.47	3	Horizontal	248	2.36	-	32.80	5.87	34.63
PK	5.192G	105.46	Inf	-Inf	101.41	3	Horizontal	248	2.36	-	32.80	5.90	34.65
AV	5.212G	95.15	Inf	-Inf	91.03	3	Horizontal	248	2.36	-	32.84	5.93	34.65
PK	5.379G	57.25	74.00	-16.75	52.43	3	Horizontal	248	2.36	-	33.18	6.35	34.71
AV	5.352G	44.92	54.00	-9.08	40.19	3	Horizontal	248	2.36	-	33.15	6.29	34.71

802.11ac VHT80_Nss1,(MCS0)_4TX

08/04/2020

5210MHz_TX



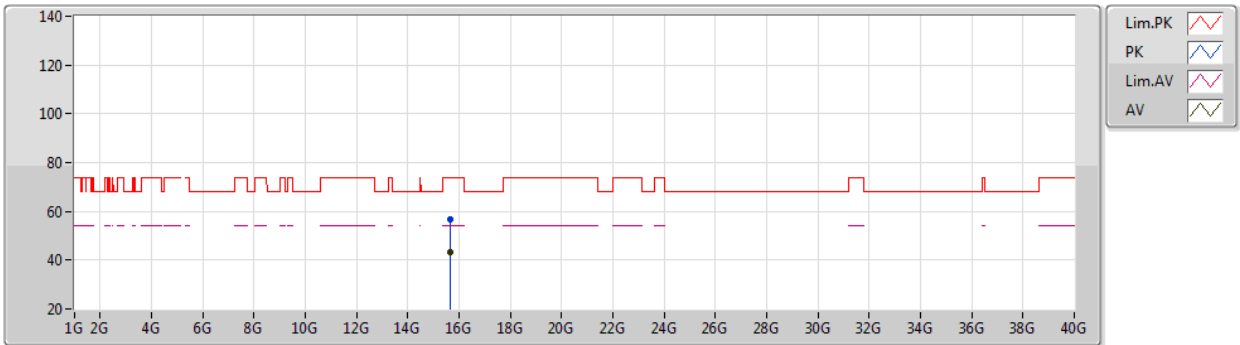
EUT Y_4TX
Setting 17
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63312G	56.48	74.00	-17.52	42.90	3	Vertical	312	1.80	-	38.69	9.77	34.88
AV	15.62558G	43.00	54.00	-11.00	29.40	3	Vertical	312	1.80	-	38.70	9.77	34.87

802.11ac VHT80_Nss1,(MCS0)_4TX

08/04/2020

5210MHz_TX



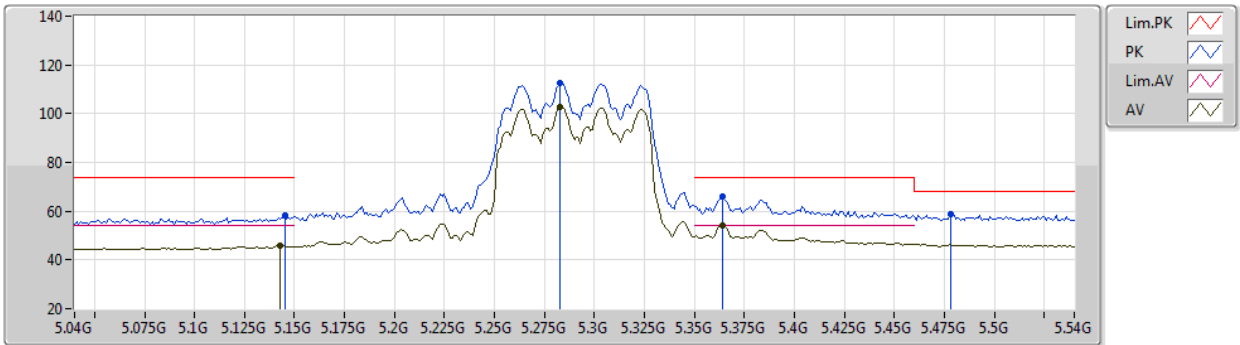
EUT Y_4TX
Setting 17
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63234G	56.64	74.00	-17.36	43.06	3	Horizontal	359	2.85	-	38.69	9.77	34.88
AV	15.63422G	43.09	54.00	-10.91	29.51	3	Horizontal	359	2.85	-	38.69	9.77	34.88

802.11ac VHT80_Nss1,(MCS0)_4TX

08/04/2020

5290MHz_TX



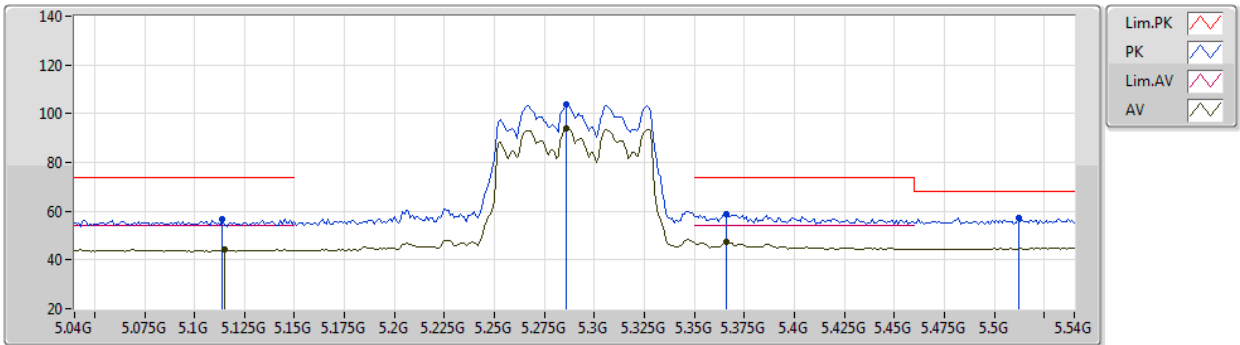
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Setting 15.5
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.145G	58.51	74.00	-15.49	54.47	3	Vertical	204	1.58	-	32.80	5.87	34.63
AV	5.143G	45.85	54.00	-8.15	41.81	3	Vertical	204	1.58	-	32.80	5.87	34.63
PK	5.283G	112.53	Inf	-Inf	108.04	3	Vertical	204	1.58	-	33.05	6.12	34.68
AV	5.283G	102.60	Inf	-Inf	98.11	3	Vertical	204	1.58	-	33.05	6.12	34.68
PK	5.364G	65.82	74.00	-8.18	61.05	3	Vertical	204	1.58	-	33.16	6.32	34.71
AV	5.364G	53.96	54.00	-0.04	49.19	3	Vertical	204	1.58	-	33.16	6.32	34.71
PK	5.478G	58.85	68.20	-9.35	53.57	3	Vertical	204	1.58	-	33.67	6.36	34.75

802.11ac VHT80_Nss1,(MCS0)_4TX

08/04/2020

5290MHz_TX



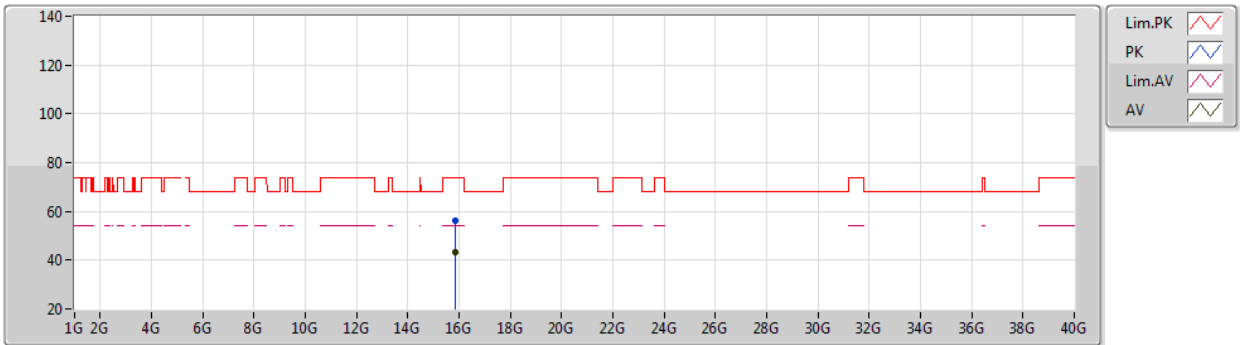
EUT Y_4TX
Setting 15.5
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.114G	56.67	74.00	-17.33	52.63	3	Horizontal	249	1.80	-	32.80	5.86	34.62
AV	5.115G	44.24	54.00	-9.76	40.20	3	Horizontal	249	1.80	-	32.80	5.86	34.62
PK	5.286G	103.74	Inf	-Inf	99.23	3	Horizontal	249	1.80	-	33.06	6.13	34.68
AV	5.286G	94.09	Inf	-Inf	89.58	3	Horizontal	249	1.80	-	33.06	6.13	34.68
PK	5.366G	58.96	74.00	-15.04	54.18	3	Horizontal	249	1.80	-	33.17	6.32	34.71
AV	5.366G	47.58	54.00	-6.42	42.80	3	Horizontal	249	1.80	-	33.17	6.32	34.71
PK	5.512G	57.03	68.20	-11.17	51.63	3	Horizontal	249	1.80	-	33.82	6.34	34.76

802.11ac VHT80_Nss1,(MCS0)_4TX

08/04/2020

5290MHz_TX



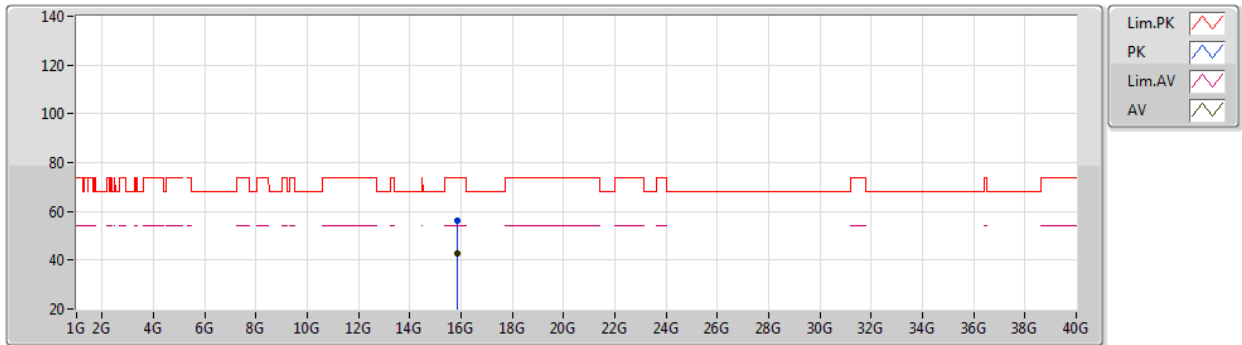
EUT Y_4TX
Setting 15.5
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.86738G	56.16	74.00	-17.84	43.06	3	Vertical	349	1.80	-	38.51	9.73	35.14
AV	15.86724G	43.02	54.00	-10.98	29.92	3	Vertical	349	1.80	-	38.51	9.73	35.14

802.11ac VHT80_Nss1,(MCS0)_4TX

08/04/2020

5290MHz_TX



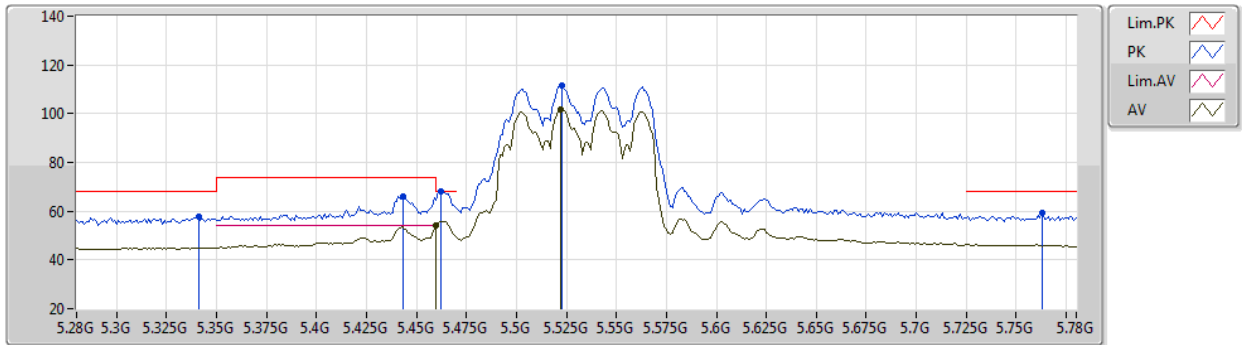
EUT Y_4TX
Setting 15.5
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.86606G	56.33	74.00	-17.67	43.23	3	Horizontal	240	1.00	-	38.51	9.73	35.14
AV	15.86962G	42.92	54.00	-11.08	29.85	3	Horizontal	240	1.00	-	38.50	9.72	35.15

802.11ac VHT80_Nss1,(MCS0)_4TX

07/04/2020

5530MHz_TX



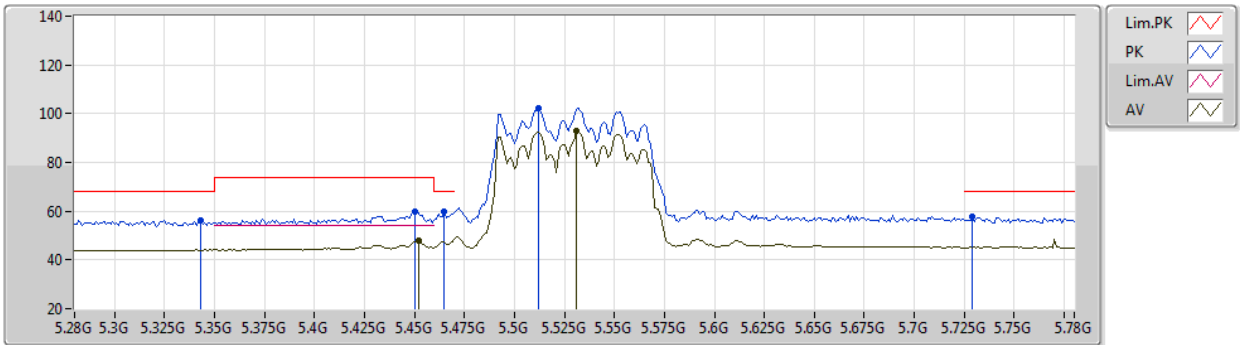
EUT Y_4TX
Setting 14.5
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.341G	57.77	68.20	-10.43	53.07	3	Vertical	201	1.66	-	33.14	6.26	34.70
PK	5.443G	66.06	74.00	-7.94	60.96	3	Vertical	201	1.66	-	33.46	6.38	34.74
PK	5.462G	68.12	68.20	-0.08	62.92	3	Vertical	201	1.66	-	33.57	6.37	34.74
AV	5.46G	53.93	54.00	-0.07	48.74	3	Vertical	201	1.66	-	33.56	6.37	34.74
PK	5.523G	111.33	Inf	-Inf	105.89	3	Vertical	201	1.66	-	33.85	6.34	34.75
AV	5.522G	101.48	Inf	-Inf	96.05	3	Vertical	201	1.66	-	33.84	6.34	34.75
PK	5.763G	59.51	68.20	-8.69	53.60	3	Vertical	201	1.66	-	34.19	6.38	34.66

802.11ac VHT80_Nss1,(MCS0)_4TX

07/04/2020

5530MHz_TX

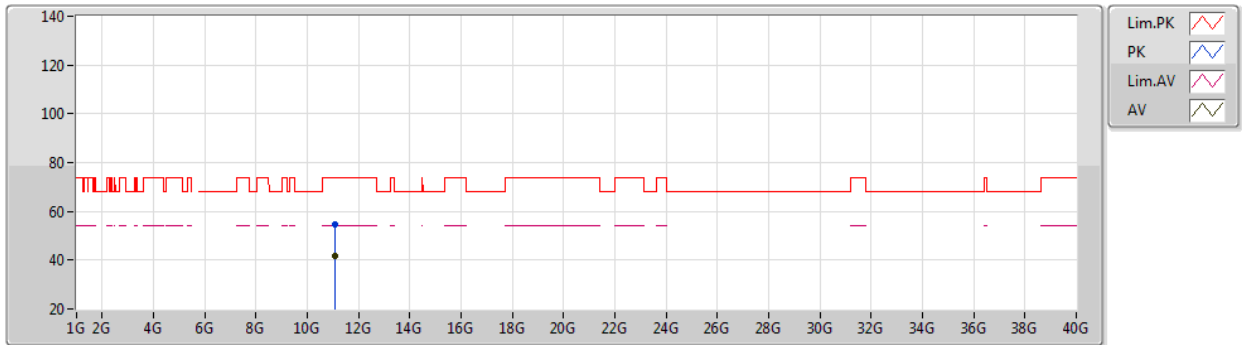

EUT Y_4TX
Setting 14.5
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.343G	56.38	68.20	-11.82	51.67	3	Horizontal	223	1.80	-	33.14	6.27	34.70
PK	5.45G	59.98	74.00	-14.02	54.85	3	Horizontal	223	1.80	-	33.50	6.37	34.74
AV	5.452G	47.97	54.00	-6.03	42.83	3	Horizontal	223	1.80	-	33.51	6.37	34.74
PK	5.465G	59.71	68.20	-8.49	54.50	3	Horizontal	223	1.80	-	33.59	6.37	34.75
PK	5.512G	102.41	Inf	-Inf	97.01	3	Horizontal	223	1.80	-	33.82	6.34	34.76
AV	5.531G	92.72	Inf	-Inf	87.28	3	Horizontal	223	1.80	-	33.86	6.33	34.75
PK	5.729G	57.74	68.20	-10.46	51.96	3	Horizontal	223	1.80	-	34.09	6.36	34.67

802.11ac VHT80_Nss1,(MCS0)_4TX

07/04/2020

5530MHz_TX



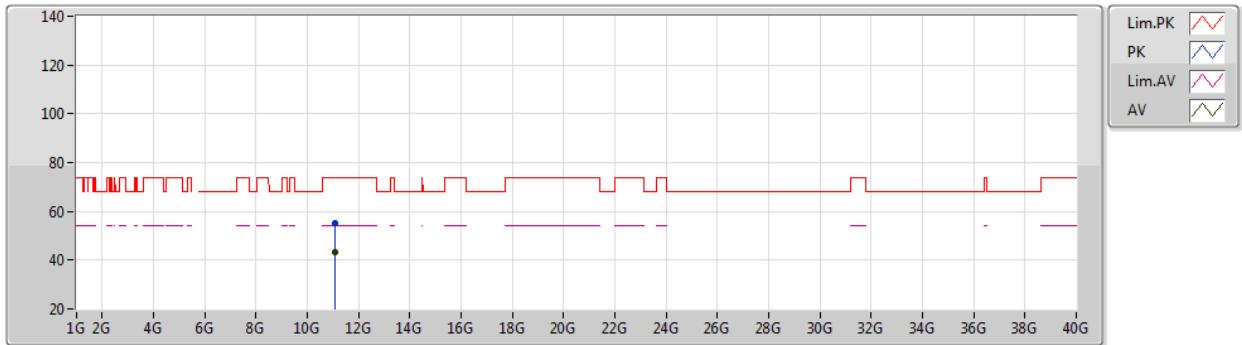
EUT Y_4TX
Setting 14.5
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.06196G	54.87	74.00	-19.13	42.19	3	Vertical	301	1.78	-	38.41	9.13	34.86
AV	11.05984G	41.90	54.00	-12.10	29.22	3	Vertical	301	1.78	-	38.41	9.13	34.86

802.11ac VHT80_Nss1,(MCS0)_4TX

07/04/2020

5530MHz_TX



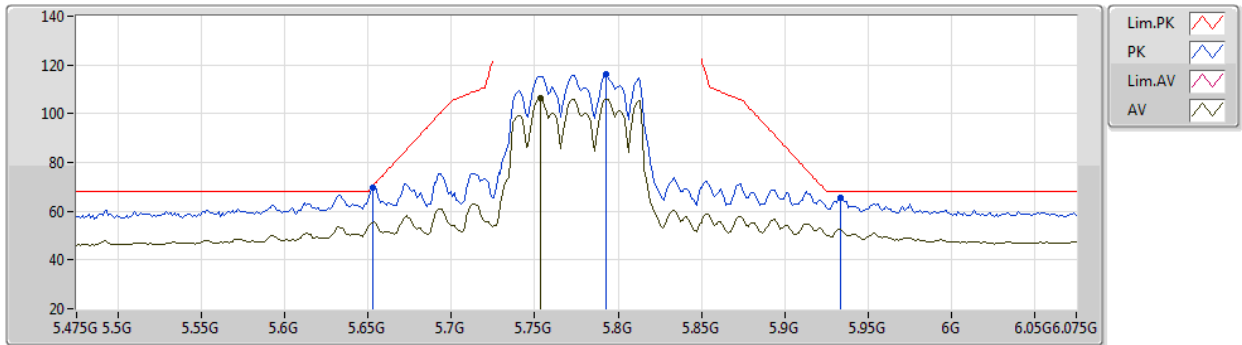
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Setting 14.5
01-B-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.06462G	55.10	74.00	-18.90	42.42	3	Horizontal	335	1.80	-	38.41	9.13	34.86
AV	11.0598G	43.12	54.00	-10.88	30.44	3	Horizontal	335	1.80	-	38.41	9.13	34.86

802.11ac VHT80_Nss1,(MCS0)_4TX

15/04/2020

5775MHz_TX



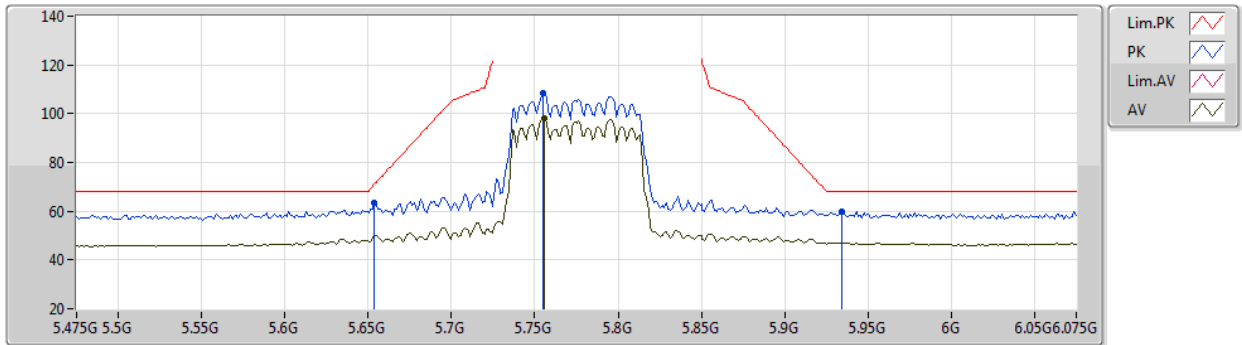
EUT Y_4TX
Setting 21
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6526G	69.89	70.12	-0.23	63.47	3	Vertical	180	2.07	-	34.35	7.03	34.96
PK	5.793G	115.95	Inf	-Inf	109.54	3	Vertical	180	2.07	-	34.30	7.04	34.93
AV	5.7534G	106.26	Inf	-Inf	99.86	3	Vertical	180	2.07	-	34.30	7.04	34.94
PK	5.9334G	65.32	68.20	-2.88	58.56	3	Vertical	180	2.07	-	34.60	7.05	34.89

802.11ac VHT80_Nss1,(MCS0)_4TX

15/04/2020

5775MHz_TX



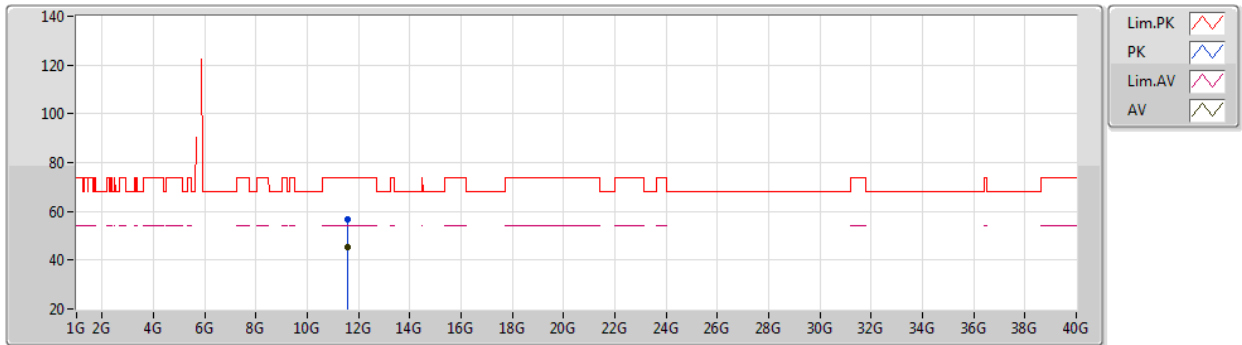
EUT Y_4TX
Setting 21
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6538G	63.66	71.01	-7.35	57.24	3	Horizontal	231	1.67	-	34.35	7.03	34.96
PK	5.7546G	108.21	Inf	-Inf	101.81	3	Horizontal	231	1.67	-	34.30	7.04	34.94
AV	5.7558G	97.97	Inf	-Inf	91.57	3	Horizontal	231	1.67	-	34.30	7.04	34.94
PK	5.9346G	59.81	68.20	-8.39	53.05	3	Horizontal	231	1.67	-	34.60	7.05	34.89

802.11ac VHT80_Nss1,(MCS0)_4TX

15/04/2020

5775MHz_TX



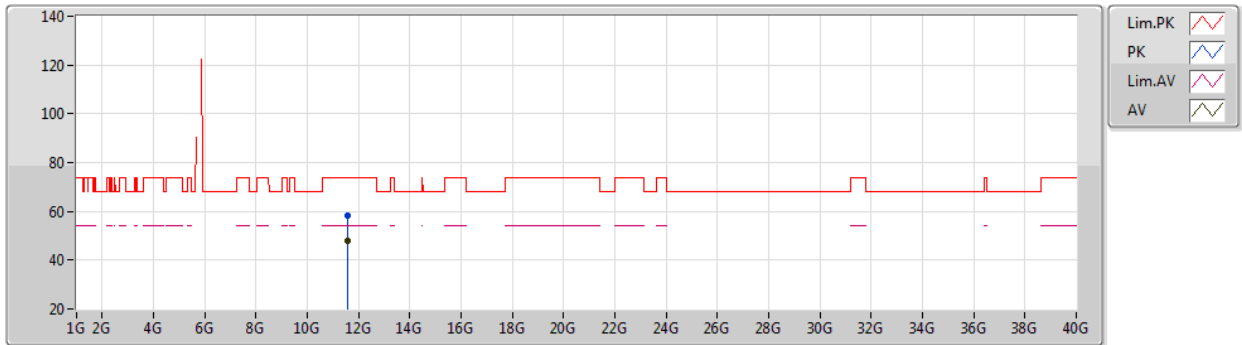
EUT Y_4TX
Setting 21
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55006G	56.80	74.00	-17.20	42.43	3	Vertical	299	1.76	-	38.89	10.17	34.69
AV	11.54984G	45.16	54.00	-8.84	30.80	3	Vertical	299	1.76	-	38.88	10.17	34.69

802.11ac VHT80_Nss1,(MCS0)_4TX

15/04/2020

5775MHz_TX



EUT Y_4TX
Setting 21
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.54996G	58.24	74.00	-15.76	43.88	3	Horizontal	343	1.70	-	38.88	10.17	34.69	
AV	11.54988G	48.18	54.00	-5.82	33.82	3	Horizontal	343	1.70	-	38.88	10.17	34.69	



<Non-beamforming mode> 80+80 MHz

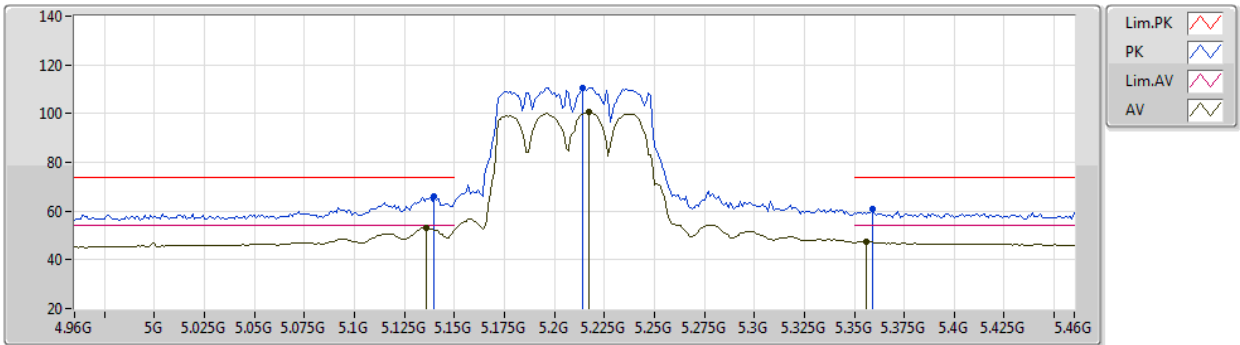
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	AV	5.454G	53.72	54.00	-0.28	3	Vertical	202	2.29	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

#5210MHz,5775MHz_TX



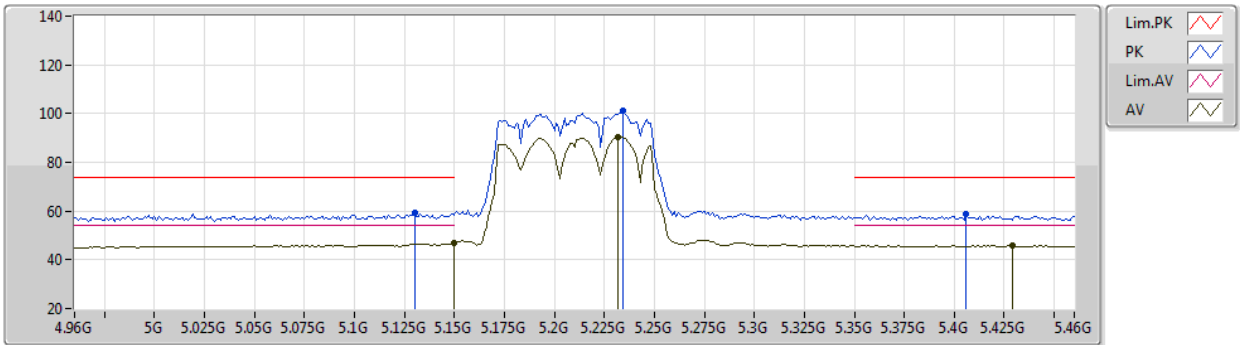
EUT Y_4TX
Setting 19.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.14G	65.82	74.00	-8.18	59.82	3	Vertical	335	1.80	-	34.04	6.73	34.77
AV	5.136G	53.27	54.00	-0.73	47.27	3	Vertical	335	1.80	-	34.04	6.73	34.77
PK	5.214G	110.58	Inf	-Inf	104.49	3	Vertical	335	1.80	-	34.13	6.78	34.82
AV	5.217G	100.72	Inf	-Inf	94.62	3	Vertical	335	1.80	-	34.13	6.79	34.82
PK	5.359G	60.82	74.00	-13.18	54.48	3	Vertical	335	1.80	-	34.36	6.90	34.92
AV	5.356G	47.57	54.00	-6.43	41.23	3	Vertical	335	1.80	-	34.36	6.90	34.92

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

#5210MHz,5775MHz_TX



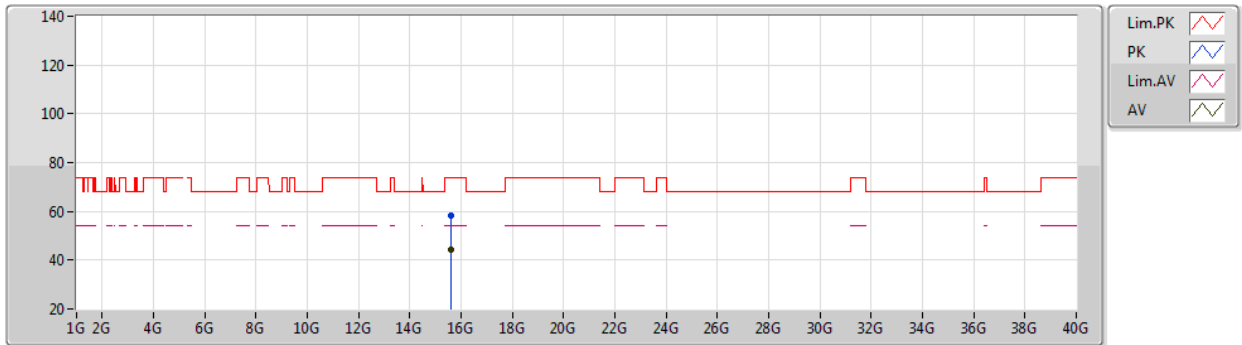
EUT Y_4TX
Setting 19.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.13G	59.46	74.00	-14.54	53.47	3	Horizontal	347	1.73	-	34.03	6.72	34.76
AV	5.15G	47.01	54.00	-6.99	41.00	3	Horizontal	347	1.73	-	34.05	6.73	34.77
PK	5.234G	101.14	Inf	-Inf	95.00	3	Horizontal	347	1.73	-	34.17	6.80	34.83
AV	5.232G	90.55	Inf	-Inf	84.42	3	Horizontal	347	1.73	-	34.16	6.80	34.83
PK	5.406G	58.54	74.00	-15.46	52.15	3	Horizontal	347	1.73	-	34.41	6.93	34.95
AV	5.429G	45.87	54.00	-8.13	39.46	3	Horizontal	347	1.73	-	34.43	6.95	34.97

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

#5210MHz,5775MHz_TX



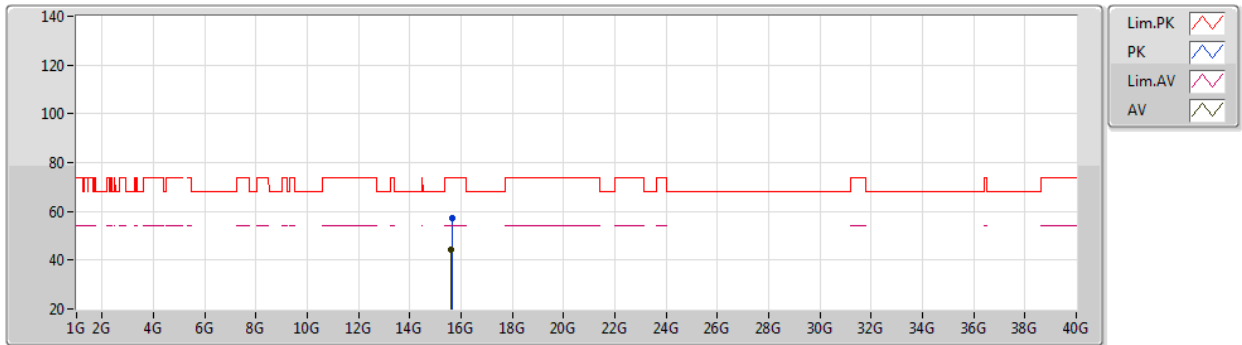
EUT Y_4TX
Setting 19.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.6258G	58.38	74.00	-15.62	42.98	3	Vertical	344	1.61	-	38.62	11.67	34.89
AV	15.62744G	44.30	54.00	-9.70	28.90	3	Vertical	344	1.61	-	38.62	11.67	34.89

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

#5210MHz,5775MHz_TX



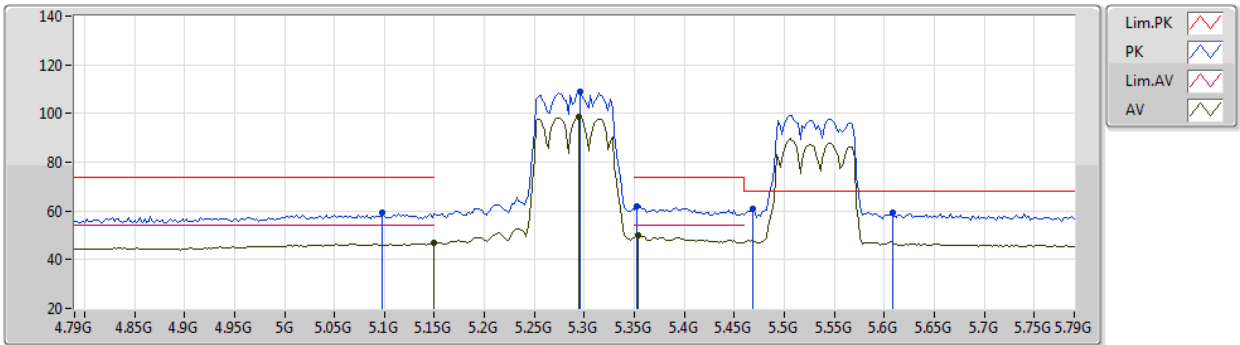
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Setting 19.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	15.63202G	57.02	74.00	-16.98	41.65	3	Horizontal	350	1.98	-	38.60	11.67	34.90	
AV	15.62604G	44.21	54.00	-9.79	28.81	3	Horizontal	350	1.98	-	38.62	11.67	34.89	

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

#5290MHz,5530MHz_TX



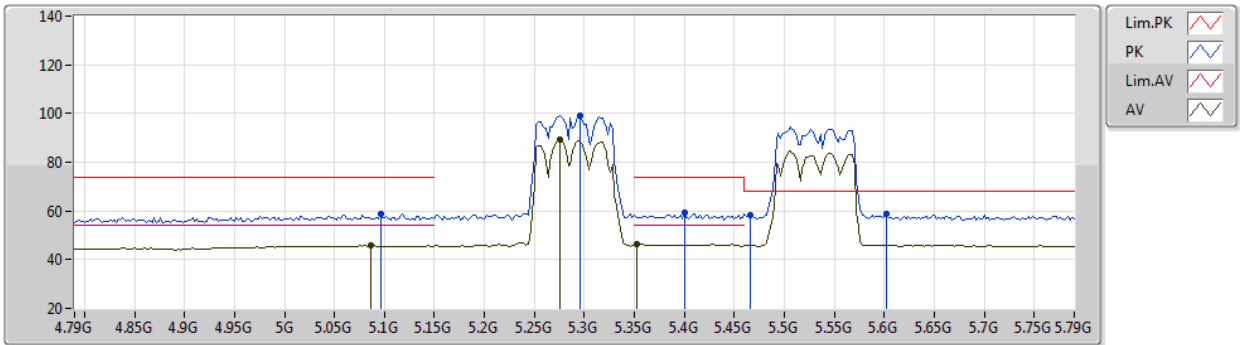
EUT Y_4TX
Setting 15
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.098G	59.13	74.00	-14.87	53.17	3	Vertical	344	1.98	-	34.00	6.70	34.74
AV	5.15G	46.69	54.00	-7.31	40.68	3	Vertical	344	1.98	-	34.05	6.73	34.77
PK	5.296G	108.77	Inf	-Inf	102.50	3	Vertical	344	1.98	-	34.29	6.86	34.88
AV	5.294G	98.81	Inf	-Inf	92.55	3	Vertical	344	1.98	-	34.29	6.85	34.88
PK	5.352G	61.97	74.00	-12.03	55.64	3	Vertical	344	1.98	-	34.35	6.90	34.92
AV	5.354G	50.06	54.00	-3.94	43.73	3	Vertical	344	1.98	-	34.35	6.90	34.92
PK	5.468G	60.67	68.20	-7.53	54.21	3	Vertical	344	1.98	-	34.47	6.98	34.99
PK	5.608G	59.23	68.20	-8.97	52.80	3	Vertical	344	1.98	-	34.39	7.02	34.98

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

#5290MHz,5530MHz_TX



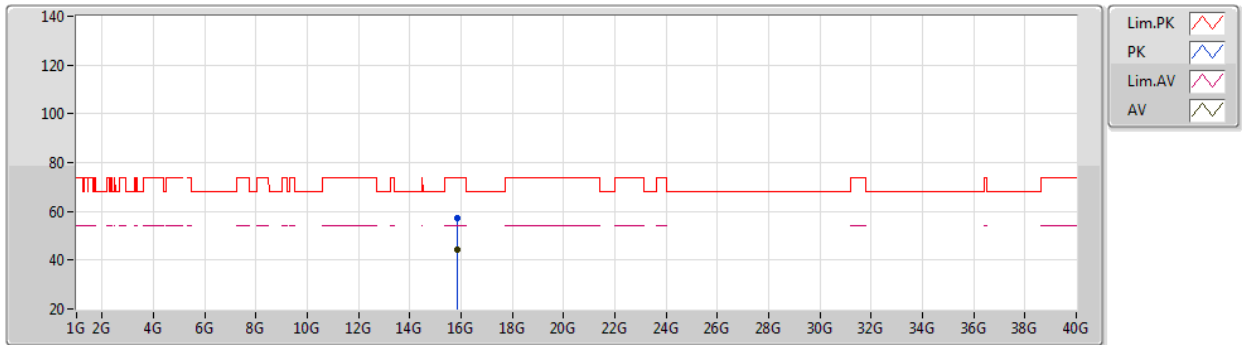
EUT Y_4TX
Setting 15
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.096G	58.87	74.00	-15.13	52.91	3	Horizontal	348	1.61	-	34.00	6.70	34.74
AV	5.086G	45.67	54.00	-8.33	39.72	3	Horizontal	348	1.61	-	33.99	6.69	34.73
PK	5.296G	99.31	Inf	-Inf	93.04	3	Horizontal	348	1.61	-	34.29	6.86	34.88
AV	5.276G	89.10	Inf	-Inf	82.87	3	Horizontal	348	1.61	-	34.25	6.84	34.86
PK	5.4G	59.09	74.00	-14.91	52.71	3	Horizontal	348	1.61	-	34.40	6.93	34.95
AV	5.352G	46.22	54.00	-7.78	39.89	3	Horizontal	348	1.61	-	34.35	6.90	34.92
PK	5.466G	58.09	68.20	-10.11	51.63	3	Horizontal	348	1.61	-	34.47	6.98	34.99
PK	5.602G	58.99	68.20	-9.21	52.55	3	Horizontal	348	1.61	-	34.40	7.02	34.98

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

#5290MHz,5530MHz_TX



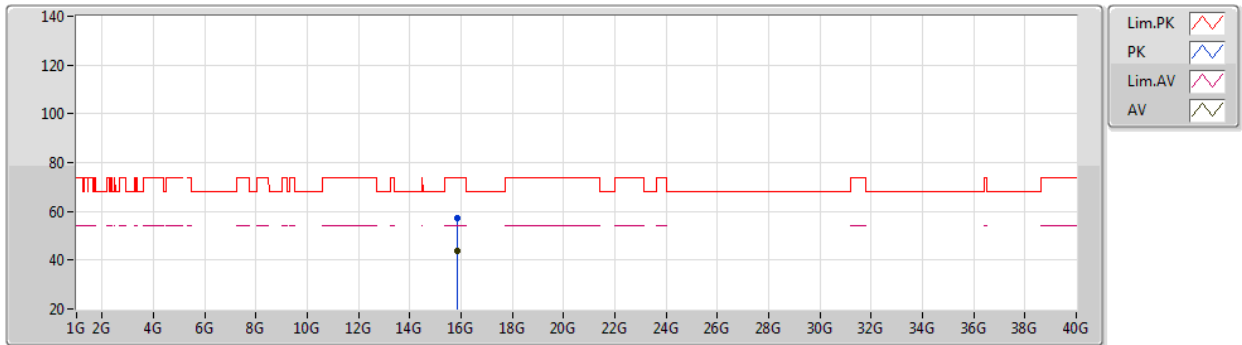
EUT Y_4TX
Setting 15
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.86616G	57.21	74.00	-16.79	42.67	3	Vertical	271	1.76	-	37.90	11.79	35.15
AV	15.8744G	44.07	54.00	-9.93	29.55	3	Vertical	271	1.76	-	37.88	11.80	35.16

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

#5290MHz,5530MHz_TX



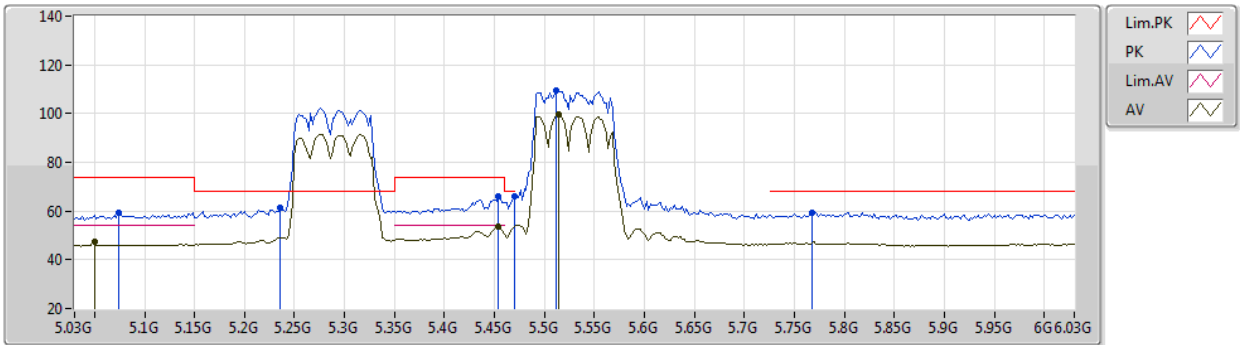
EUT Y_4TX
Setting 15
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.86988G	57.46	74.00	-16.54	42.94	3	Horizontal	132	1.05	-	37.89	11.79	35.16
AV	15.8712G	43.87	54.00	-10.13	29.35	3	Horizontal	132	1.05	-	37.89	11.79	35.16

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

5290MHz,#5530MHz_TX



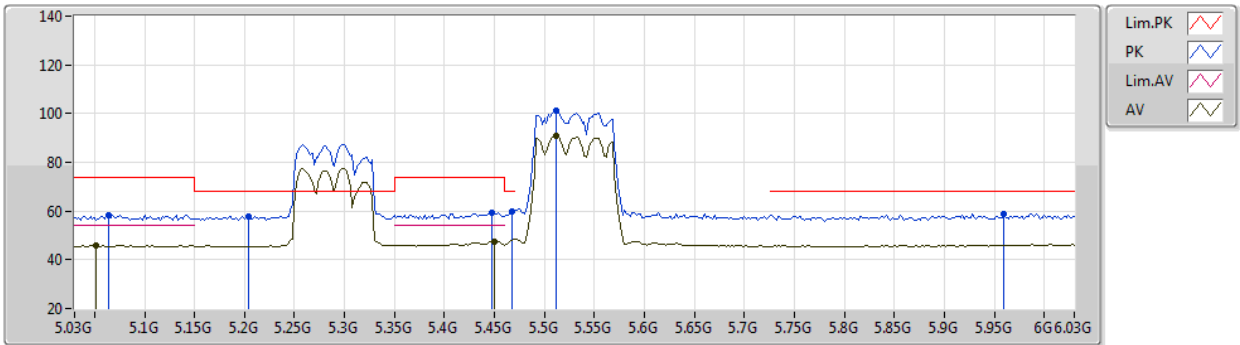
EUT Y_4TX
Setting 15
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.074G	59.14	74.00	-14.86	53.21	3	Vertical	202	2.29	-	33.97	6.68	34.72
AV	5.05G	47.65	54.00	-6.35	41.74	3	Vertical	202	2.29	-	33.95	6.66	34.70
PK	5.236G	61.51	68.20	-6.69	55.38	3	Vertical	202	2.29	-	34.17	6.80	34.84
PK	5.454G	65.92	74.00	-8.08	59.48	3	Vertical	202	2.29	-	34.45	6.97	34.98
AV	5.454G	53.72	54.00	-0.28	47.28	3	Vertical	202	2.29	-	34.45	6.97	34.98
PK	5.47G	65.80	68.20	-2.40	59.33	3	Vertical	202	2.29	-	34.47	6.99	34.99
PK	5.512G	109.73	Inf	-Inf	103.24	3	Vertical	202	2.29	-	34.49	7.01	35.01
AV	5.514G	99.73	Inf	-Inf	93.24	3	Vertical	202	2.29	-	34.49	7.01	35.01
PK	5.768G	59.46	68.20	-8.74	53.06	3	Vertical	202	2.29	-	34.30	7.04	34.94

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

5290MHz,#5530MHz_TX



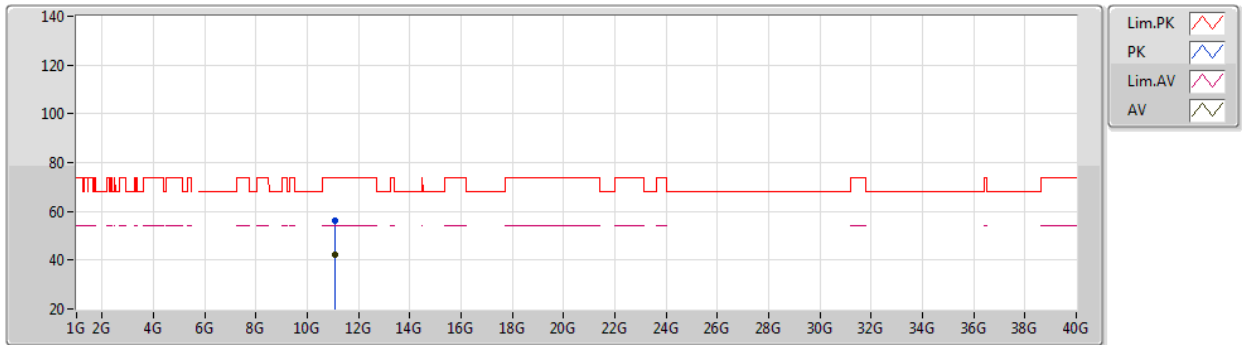
EUT Y_4TX
Setting 15
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.064G	58.40	74.00	-15.60	52.48	3	Horizontal	267	1.93	-	33.96	6.67	34.71
AV	5.052G	45.85	54.00	-8.15	39.95	3	Horizontal	267	1.93	-	33.95	6.66	34.71
PK	5.204G	57.97	68.20	-10.23	51.90	3	Horizontal	267	1.93	-	34.11	6.77	34.81
PK	5.448G	59.46	74.00	-14.54	53.02	3	Horizontal	267	1.93	-	34.45	6.97	34.98
AV	5.45G	47.52	54.00	-6.48	41.08	3	Horizontal	267	1.93	-	34.45	6.97	34.98
PK	5.468G	59.95	68.20	-8.25	53.49	3	Horizontal	267	1.93	-	34.47	6.98	34.99
PK	5.512G	101.33	Inf	-Inf	94.84	3	Horizontal	267	1.93	-	34.49	7.01	35.01
AV	5.512G	90.88	Inf	-Inf	84.39	3	Horizontal	267	1.93	-	34.49	7.01	35.01
PK	5.96G	58.74	68.20	-9.46	51.88	3	Horizontal	267	1.93	-	34.68	7.06	34.88

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

5290MHz,#5530MHz_TX



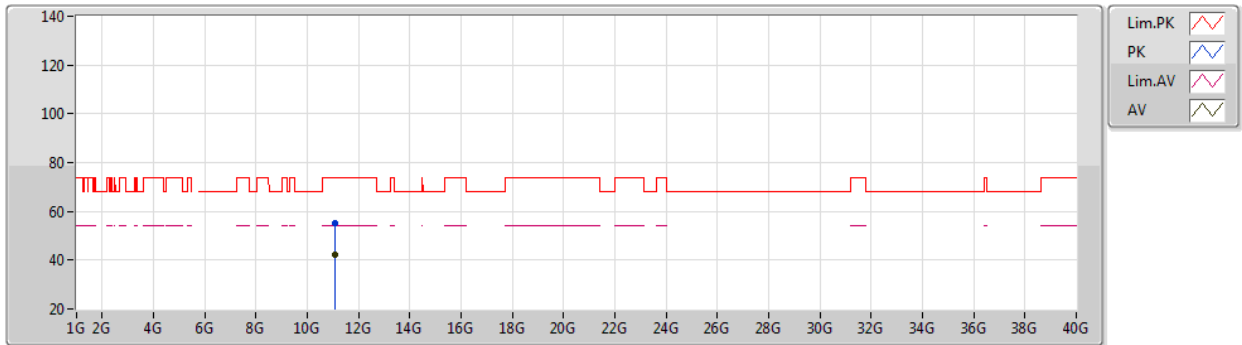
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Setting 15
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0613G	56.02	74.00	-17.98	41.97	3	Vertical	129	1.71	-	38.54	10.11	34.60
AV	11.0598G	42.21	54.00	-11.79	28.16	3	Vertical	129	1.71	-	38.54	10.11	34.60

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

5290MHz,#5530MHz_TX



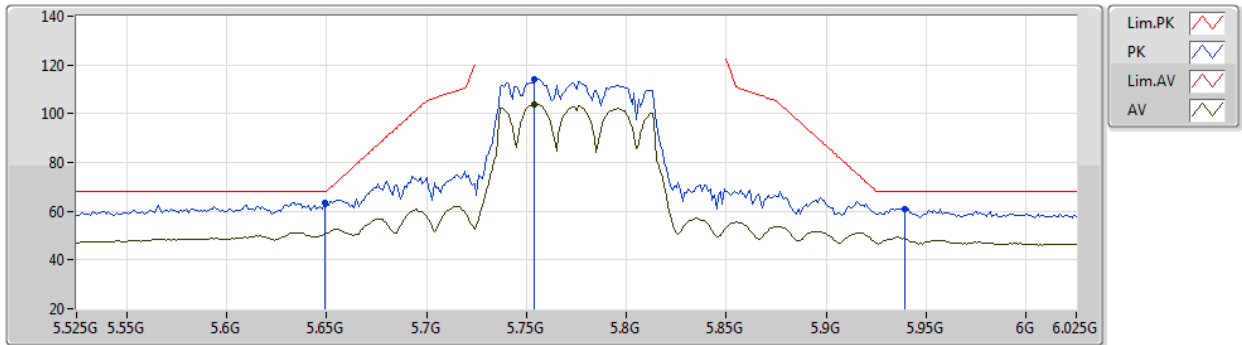
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Setting 15
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.05974G	55.22	74.00	-18.78	41.17	3	Horizontal	248	1.68	-	38.54	10.11	34.60
AV	11.0619G	42.01	54.00	-11.99	27.96	3	Horizontal	248	1.68	-	38.54	10.11	34.60

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

5210MHz,#5775MHz_TX



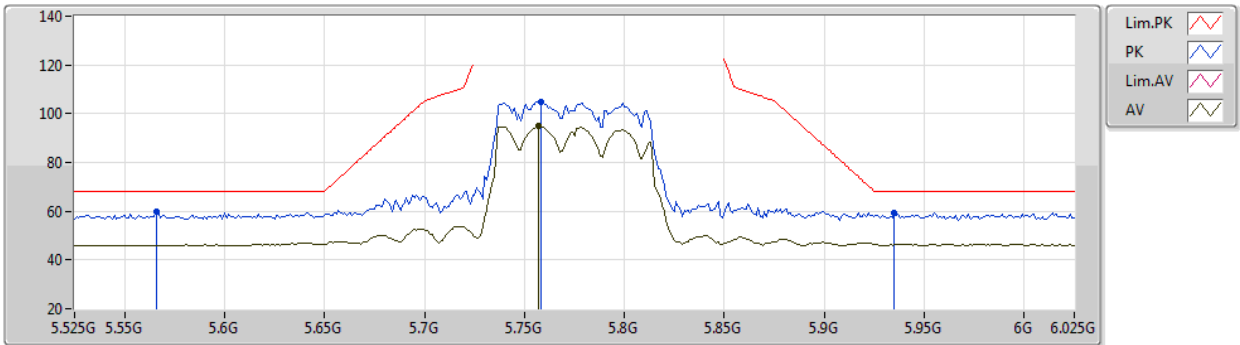
EUT Y_4TX
Setting 19.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	63.69	68.20	-4.51	57.29	3	Vertical	186	2.00	-	34.35	7.02	34.97
PK	5.754G	114.14	Inf	-Inf	107.74	3	Vertical	186	2.00	-	34.30	7.04	34.94
AV	5.754G	103.98	Inf	-Inf	97.58	3	Vertical	186	2.00	-	34.30	7.04	34.94
PK	5.939G	61.02	68.20	-7.18	54.24	3	Vertical	186	2.00	-	34.62	7.05	34.89

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

5210MHz,#5775MHz_TX



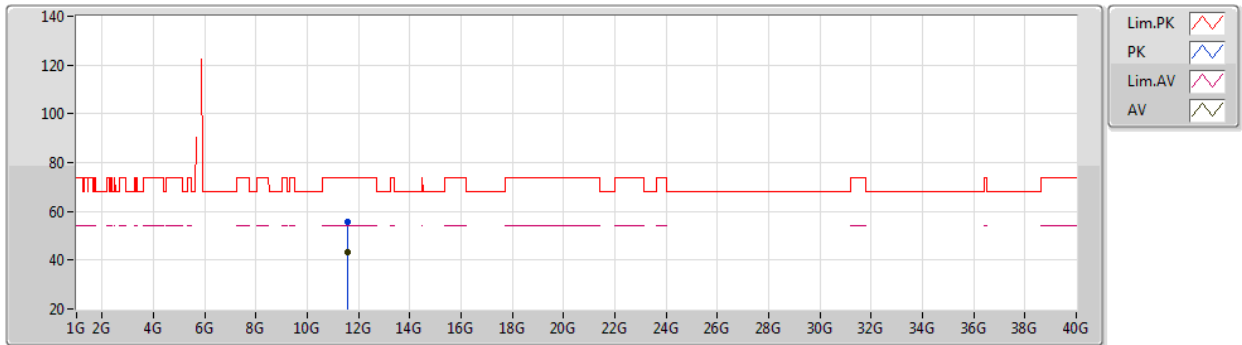
EUT Y_4TX
Setting 19.5
03-B-P-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.566G	59.98	68.20	-8.22	53.52	3	Horizontal	231	1.84	-	34.43	7.02	34.99
PK	5.758G	105.08	Inf	-Inf	98.68	3	Horizontal	231	1.84	-	34.30	7.04	34.94
AV	5.757G	95.12	Inf	-Inf	88.72	3	Horizontal	231	1.84	-	34.30	7.04	34.94
PK	5.935G	59.11	68.20	-9.09	52.35	3	Horizontal	231	1.84	-	34.60	7.05	34.89

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

5210MHz,#5775MHz_TX



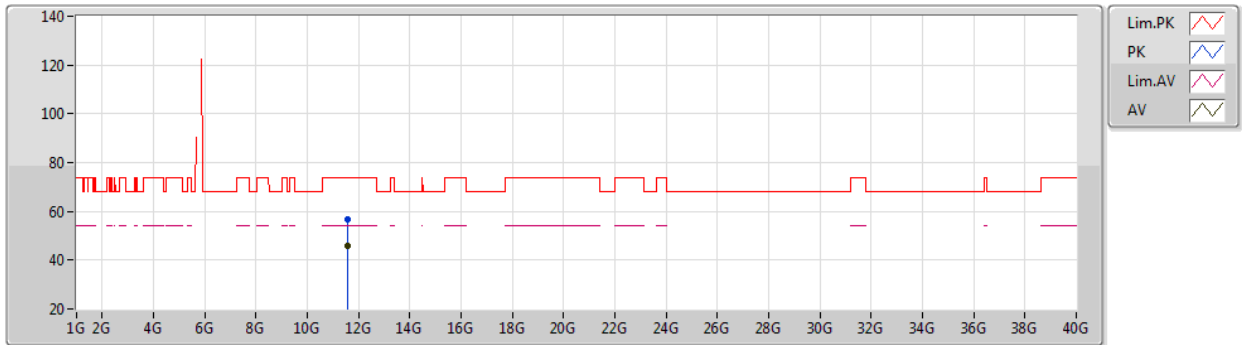
EUT Y_4TX
Setting 19.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54972G	55.72	74.00	-18.28	41.36	3	Vertical	299	1.79	-	38.88	10.17	34.69
AV	11.54988G	43.45	54.00	-10.55	29.09	3	Vertical	299	1.79	-	38.88	10.17	34.69

802.11ac VHT80+80_Nss1,(MCS0)_4TX

15/04/2020

5210MHz,#5775MHz_TX



EUT Y_4TX
Setting 19.5
03-B-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55004G	56.56	74.00	-17.44	42.19	3	Horizontal	345	1.65	-	38.89	10.17	34.69
AV	11.54988G	45.72	54.00	-8.28	31.36	3	Horizontal	345	1.65	-	38.88	10.17	34.69



<beamforming mode>

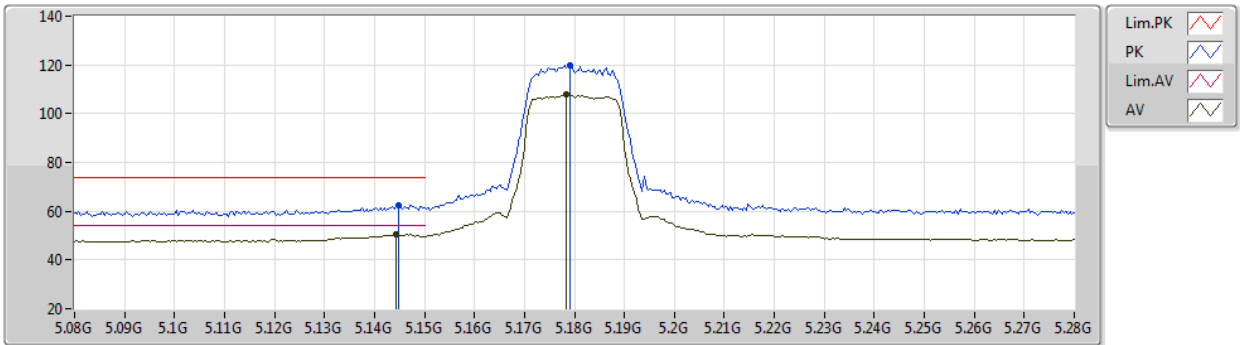
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1444G	50.42	54.00	-3.58	3	Vertical	184	1.80	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/04/2020

5180MHz_TX



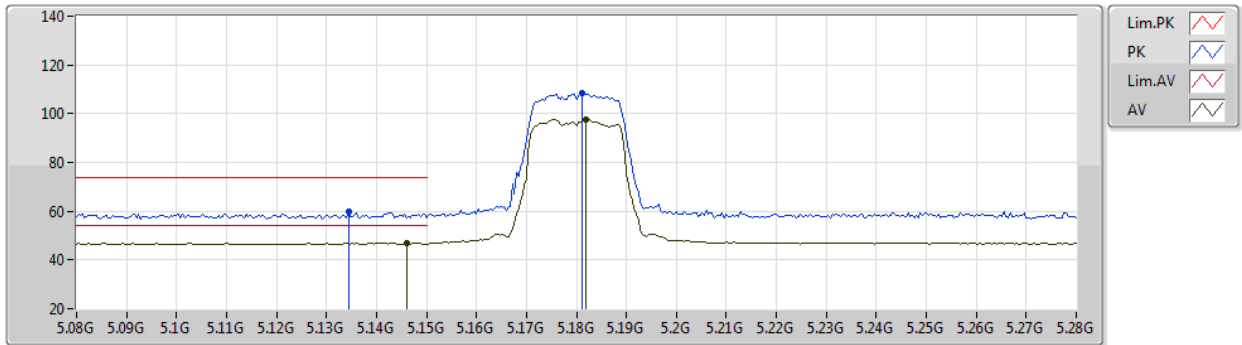
EUT Y_4TX
Setting 23.5
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1448G	62.36	74.00	-11.64	56.36	3	Vertical	184	1.80	-	34.04	6.73	34.77
AV	5.1444G	50.42	54.00	-3.58	44.42	3	Vertical	184	1.80	-	34.04	6.73	34.77
PK	5.1792G	119.63	Inf	-Inf	113.59	3	Vertical	184	1.80	-	34.08	6.76	34.80
AV	5.1784G	107.73	Inf	-Inf	101.69	3	Vertical	184	1.80	-	34.08	6.75	34.79

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/04/2020

5180MHz_TX



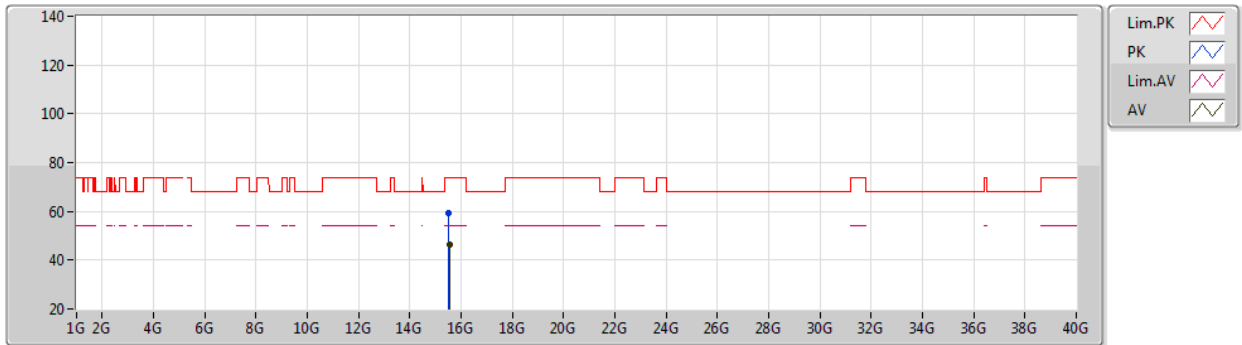
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Setting 23.5
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1344G	60.00	74.00	-14.00	54.01	3	Horizontal	275	1.97	-	34.03	6.72	34.76
AV	5.146G	47.01	54.00	-6.99	41.00	3	Horizontal	275	1.97	-	34.05	6.73	34.77
PK	5.1812G	108.31	Inf	-Inf	102.27	3	Horizontal	275	1.97	-	34.08	6.76	34.80
AV	5.182G	97.84	Inf	-Inf	91.80	3	Horizontal	275	1.97	-	34.08	6.76	34.80

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/04/2020

5180MHz_TX



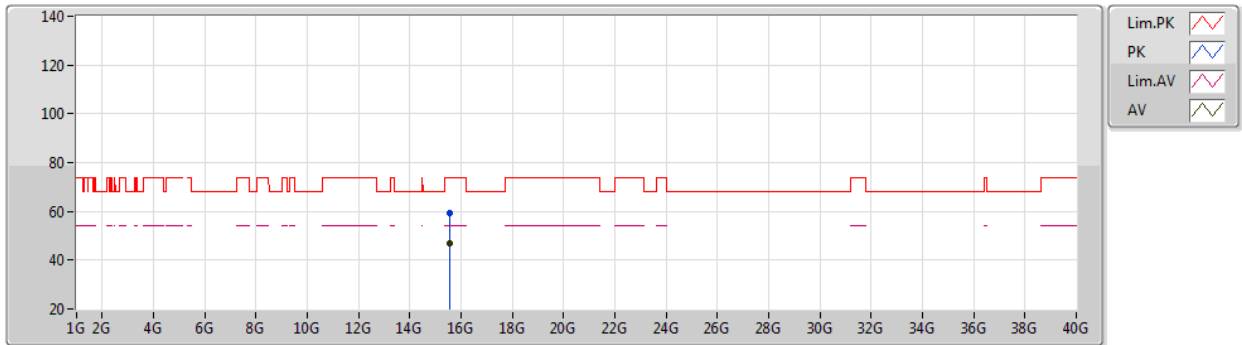
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Setting 23.5
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.52662G	59.42	74.00	-14.58	43.66	3	Vertical	30	1.57	-	38.92	11.62	34.78
AV	15.54114G	46.61	54.00	-7.39	30.90	3	Vertical	30	1.57	-	38.88	11.63	34.80

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

15/04/2020

5180MHz_TX



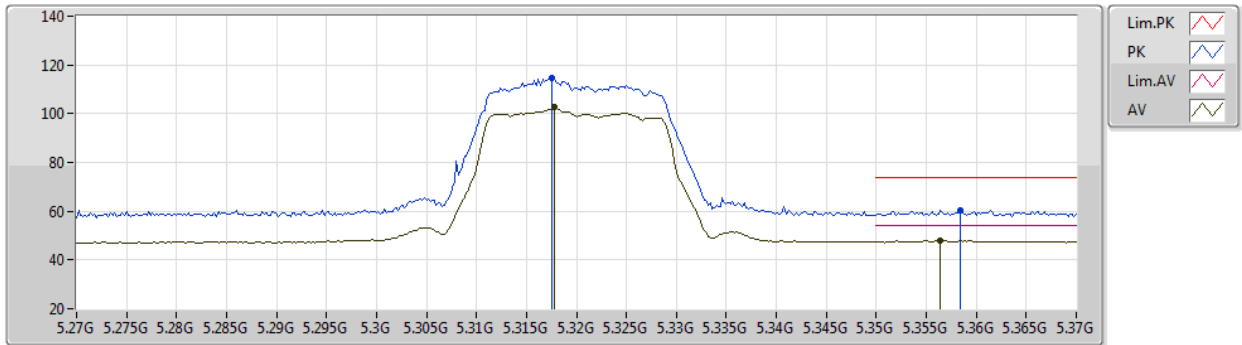
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Setting 23.5
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54894G	59.31	74.00	-14.69	43.64	3	Horizontal	339	1.78	-	38.85	11.63	34.81
AV	15.53406G	46.67	54.00	-7.33	30.94	3	Horizontal	339	1.78	-	38.90	11.62	34.79

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5320MHz_TX



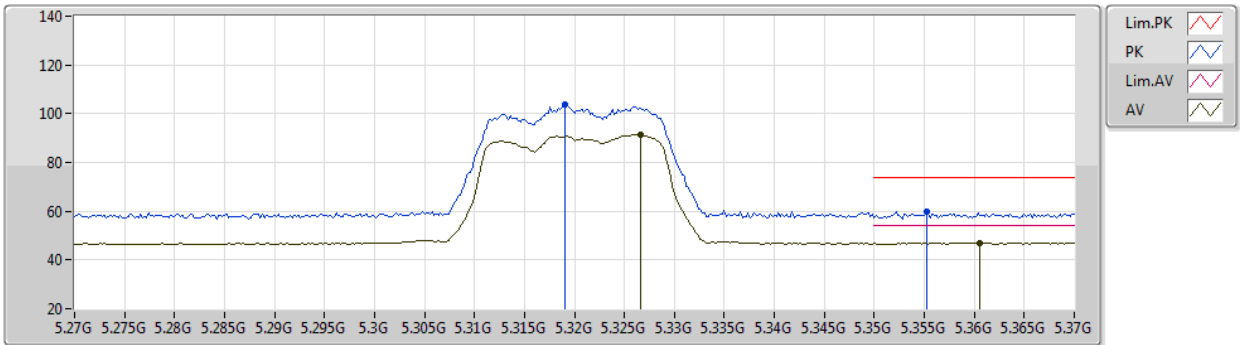
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Setting 15.5
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3176G	114.51	Inf	-Inf	108.21	3	Vertical	186	1.80	-	34.32	6.87	34.89
AV	5.3178G	102.73	Inf	-Inf	96.43	3	Vertical	186	1.80	-	34.32	6.87	34.89
PK	5.3584G	60.28	74.00	-13.72	53.94	3	Vertical	186	1.80	-	34.36	6.90	34.92
AV	5.3564G	47.80	54.00	-6.20	41.46	3	Vertical	186	1.80	-	34.36	6.90	34.92

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5320MHz_TX



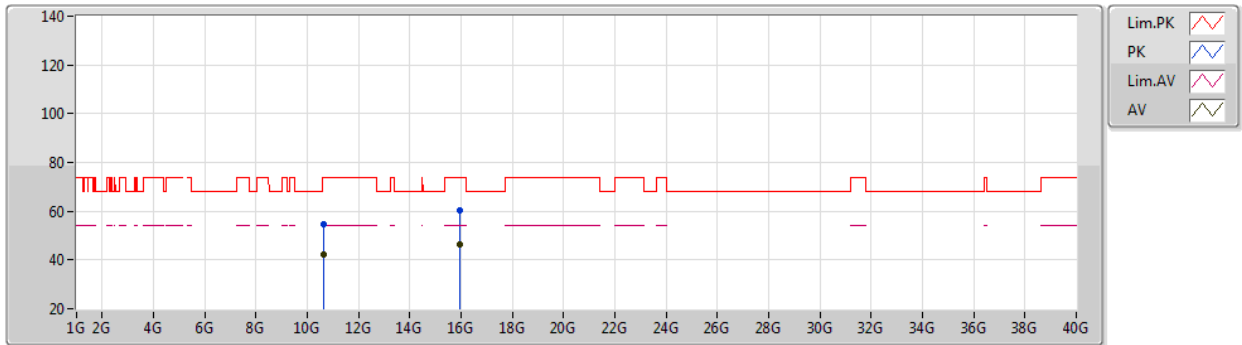
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Setting 15.5
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.319G	103.82	Inf	-Inf	97.52	3	Horizontal	230	1.68	-	34.32	6.87	34.89
AV	5.326G	91.41	Inf	-Inf	85.10	3	Horizontal	230	1.68	-	34.33	6.88	34.90
PK	5.3552G	59.98	74.00	-14.02	53.64	3	Horizontal	230	1.68	-	34.36	6.90	34.92
AV	5.3606G	47.06	54.00	-6.94	40.72	3	Horizontal	230	1.68	-	34.36	6.90	34.92

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5320MHz_TX



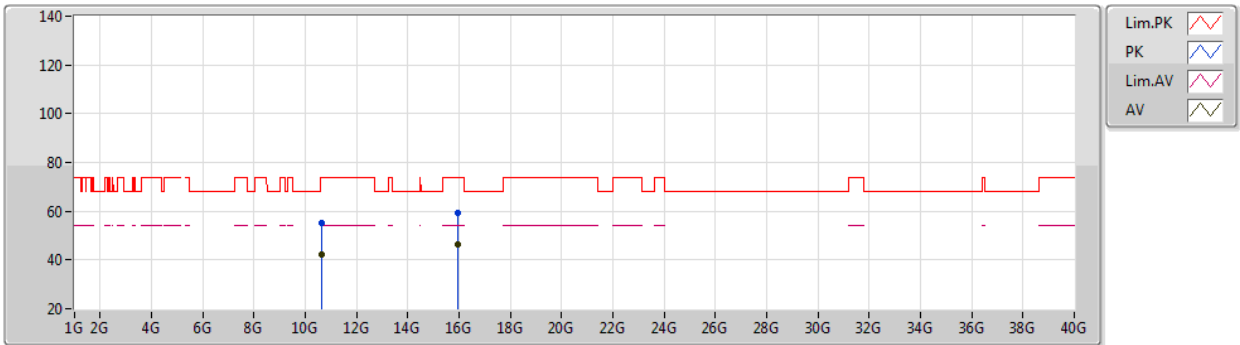
EUT Y_4TX
Setting 15.5
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.64222G	54.59	74.00	-19.41	40.93	3	Vertical	60	1.96	-	38.43	10.04	34.81
AV	10.63244G	42.03	54.00	-11.97	28.37	3	Vertical	60	1.96	-	38.43	10.04	34.81
PK	15.94614G	60.12	74.00	-13.88	45.87	3	Vertical	236	1.35	-	37.66	11.83	35.24
AV	15.9471G	46.41	54.00	-7.59	32.16	3	Vertical	236	1.35	-	37.66	11.83	35.24

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5320MHz_TX



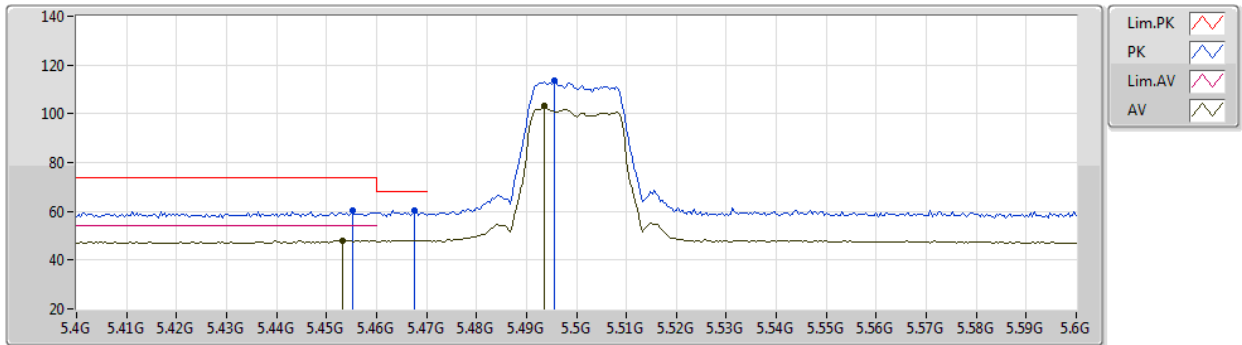
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Setting 15.5
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.63544G	54.96	74.00	-19.04	41.30	3	Horizontal	338	2.88	-	38.43	10.04	34.81
AV	10.62662G	42.03	54.00	-11.97	28.38	3	Horizontal	338	2.88	-	38.43	10.04	34.82
PK	15.95076G	59.39	74.00	-14.61	45.16	3	Horizontal	344	1.87	-	37.65	11.83	35.25
AV	15.94614G	46.35	54.00	-7.65	32.10	3	Horizontal	344	1.87	-	37.66	11.83	35.24

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5500MHz_TX



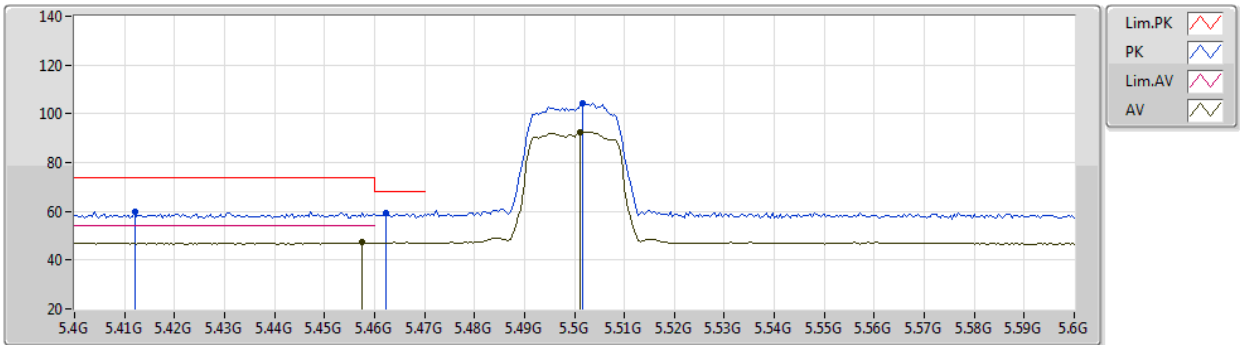
EUT Y_4TX
Setting 17
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.4552G	60.14	74.00	-13.86	53.69	3	Vertical	190	1.73	-	34.46	6.97	34.98	
AV	5.4532G	48.10	54.00	-5.90	41.66	3	Vertical	190	1.73	-	34.45	6.97	34.98	
PK	5.4676G	60.43	68.20	-7.77	53.97	3	Vertical	190	1.73	-	34.47	6.98	34.99	
PK	5.4956G	113.85	Inf	-Inf	107.35	3	Vertical	190	1.73	-	34.50	7.01	35.01	
AV	5.4936G	103.37	Inf	-Inf	96.89	3	Vertical	190	1.73	-	34.49	7.00	35.01	

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5500MHz_TX



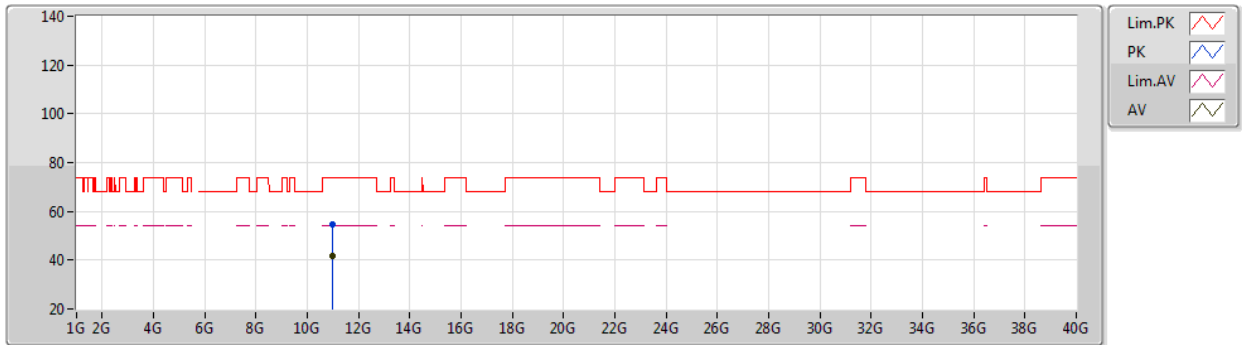
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Setting 17
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.412G	59.94	74.00	-14.06	53.55	3	Horizontal	273	2.08	-	34.41	6.94	34.96
PK	5.4624G	59.45	68.20	-8.75	53.00	3	Horizontal	273	2.08	-	34.46	6.98	34.99
AV	5.4576G	47.17	54.00	-6.83	40.71	3	Horizontal	273	2.08	-	34.46	6.98	34.98
PK	5.5016G	104.31	Inf	-Inf	97.81	3	Horizontal	273	2.08	-	34.50	7.01	35.01
AV	5.5012G	92.41	Inf	-Inf	85.91	3	Horizontal	273	2.08	-	34.50	7.01	35.01

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5500MHz_TX



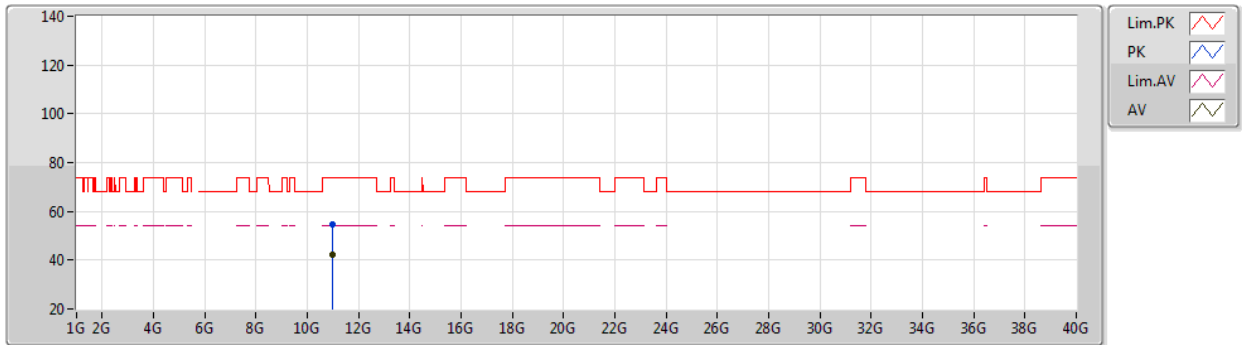
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Setting 17
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0075G	54.71	74.00	-19.29	40.69	3	Vertical	17	2.08	-	38.51	10.10	34.59
AV	11.0009G	41.76	54.00	-12.24	27.75	3	Vertical	17	2.08	-	38.50	10.10	34.59

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5500MHz_TX



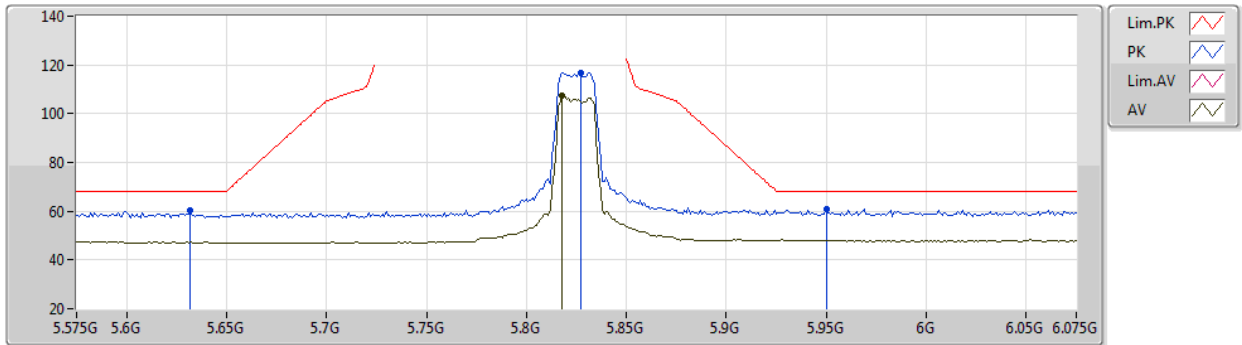
EUT Y_4TX
Setting 17
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0038G	54.69	74.00	-19.31	40.68	3	Horizontal	215	2.04	-	38.50	10.10	34.59
AV	10.99994G	42.31	54.00	-11.69	28.30	3	Horizontal	215	2.04	-	38.50	10.10	34.59

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5825MHz_TX



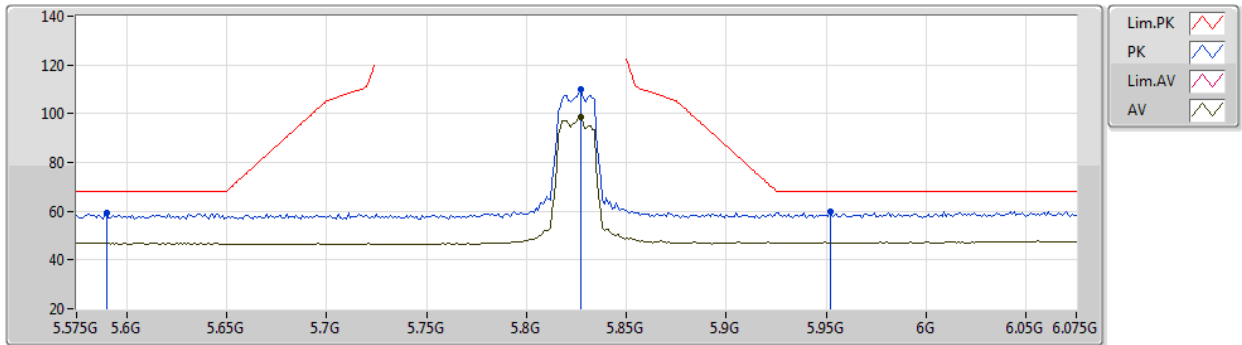
EUT Y_4TX
Setting 24
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.632G	60.19	68.20	-8.01	53.77	3	Vertical	189	2.65	-	34.37	7.02	34.97
PK	5.827G	116.68	Inf	-Inf	110.21	3	Vertical	189	2.65	-	34.35	7.04	34.92
AV	5.818G	107.31	Inf	-Inf	100.85	3	Vertical	189	2.65	-	34.34	7.04	34.92
PK	5.95G	60.71	68.20	-7.49	53.89	3	Vertical	189	2.65	-	34.65	7.05	34.88

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5825MHz_TX



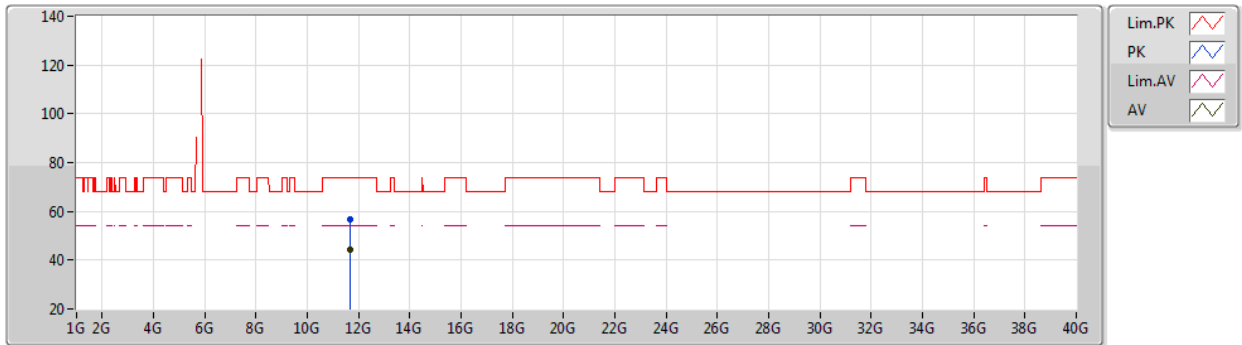
EUT Y_4TX
Setting 24
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.59G	59.17	68.20	-9.03	52.72	3	Horizontal	270	1.94	-	34.41	7.02	34.98
PK	5.827G	109.91	Inf	-Inf	103.44	3	Horizontal	270	1.94	-	34.35	7.04	34.92
AV	5.827G	98.70	Inf	-Inf	92.23	3	Horizontal	270	1.94	-	34.35	7.04	34.92
PK	5.952G	59.61	68.20	-8.59	52.77	3	Horizontal	270	1.94	-	34.66	7.06	34.88

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5825MHz_TX



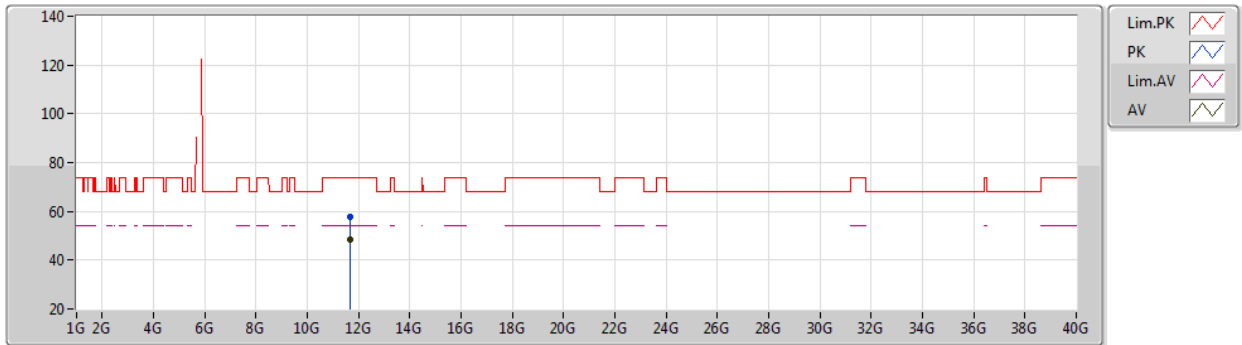
EUT Y_4TX
Setting 24
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64982G	56.87	74.00	-17.13	42.45	3	Vertical	299	1.80	-	38.95	10.18	34.71
AV	11.64989G	44.19	54.00	-9.81	29.77	3	Vertical	299	1.80	-	38.95	10.18	34.71

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

22/04/2020

5825MHz_TX



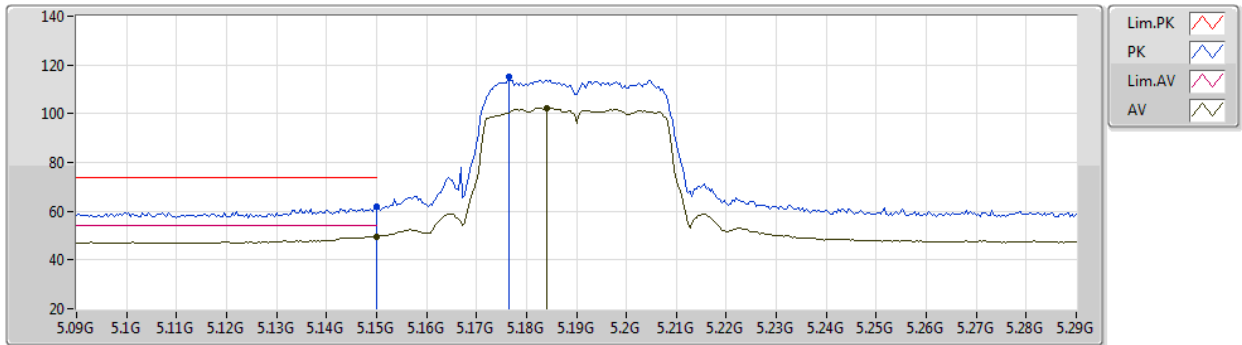
EUT Y_4TX
Setting 24
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65002G	57.86	74.00	-16.14	43.43	3	Horizontal	343	1.72	-	38.96	10.18	34.71
AV	11.64996G	48.50	54.00	-5.50	34.08	3	Horizontal	343	1.72	-	38.95	10.18	34.71

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5190MHz_TX



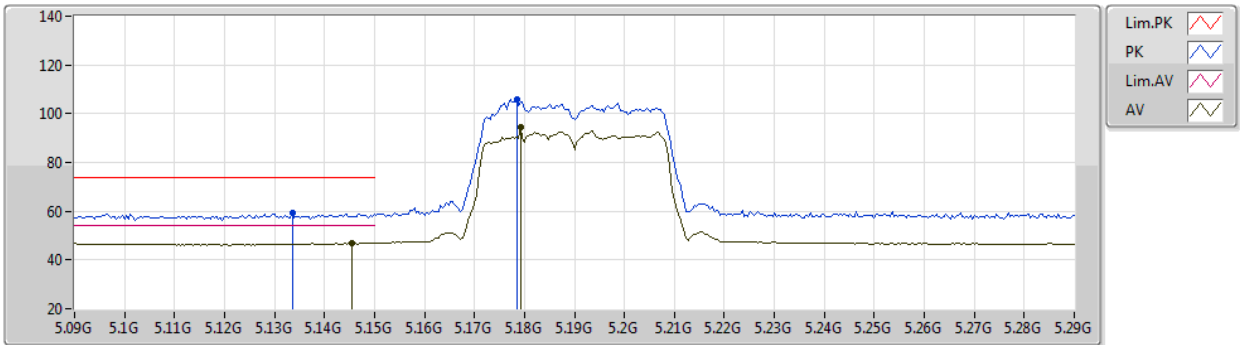
EUT Y_4TX
Setting 21.5
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	61.82	74.00	-12.18	55.81	3	Vertical	202	1.75	-	34.05	6.73	34.77
AV	5.15G	49.56	54.00	-4.44	43.55	3	Vertical	202	1.75	-	34.05	6.73	34.77
PK	5.1764G	114.97	Inf	-Inf	108.93	3	Vertical	202	1.75	-	34.08	6.75	34.79
AV	5.184G	102.32	Inf	-Inf	96.28	3	Vertical	202	1.75	-	34.08	6.76	34.80

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5190MHz_TX



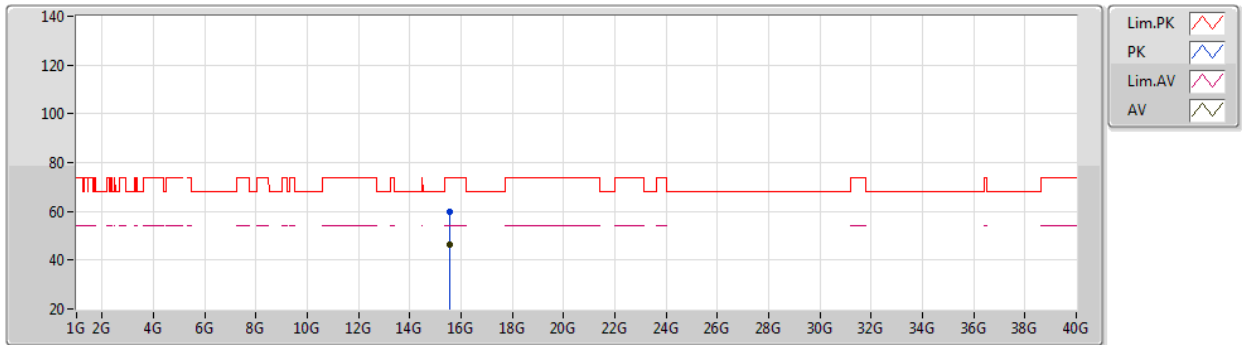
EUT Y_4TX
Setting 21.5
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.1336G	59.51	74.00	-14.49	53.52	3	Horizontal	266	1.80	-	34.03	6.72	34.76	
AV	5.1456G	46.87	54.00	-7.13	40.86	3	Horizontal	266	1.80	-	34.05	6.73	34.77	
PK	5.1784G	105.78	Inf	-Inf	99.74	3	Horizontal	266	1.80	-	34.08	6.75	34.79	
AV	5.1792G	94.31	Inf	-Inf	88.27	3	Horizontal	266	1.80	-	34.08	6.76	34.80	

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5190MHz_TX



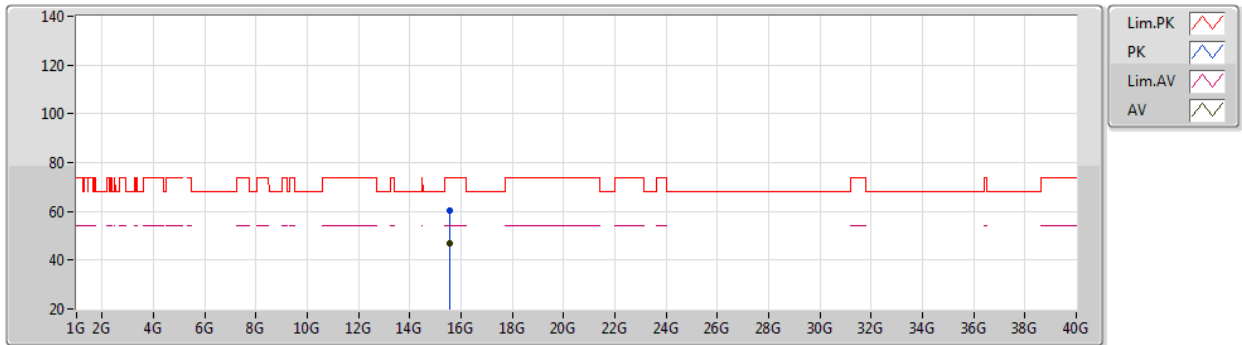
EUT Y_4TX
Setting 21.5
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	15.57408G	59.97	74.00	-14.03	44.39	3	Vertical	113	1.68	-	38.78	11.64	34.84	
AV	15.57252G	46.63	54.00	-7.37	31.04	3	Vertical	113	1.68	-	38.78	11.64	34.83	

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5190MHz_TX



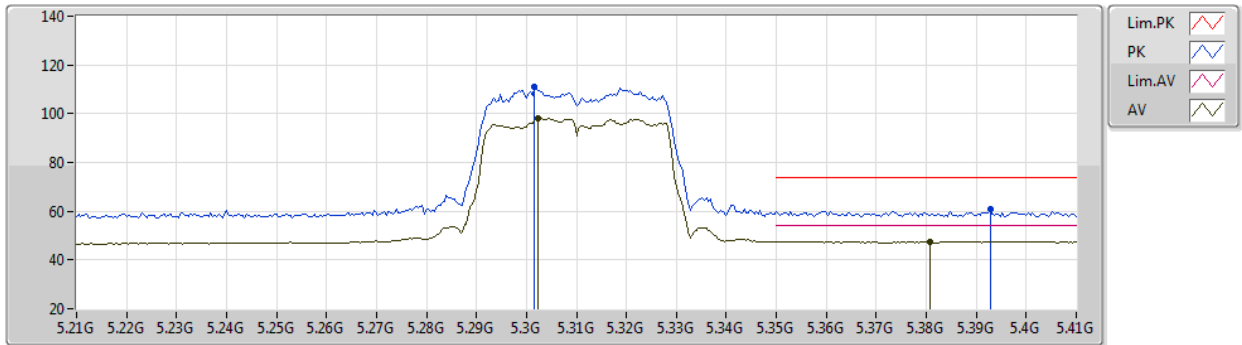
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Setting 21.5
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.55626G	60.42	74.00	-13.58	44.78	3	Horizontal	265	2.64	-	38.83	11.63	34.82
AV	15.5583G	46.87	54.00	-7.13	31.23	3	Horizontal	265	2.64	-	38.83	11.63	34.82

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5310MHz_TX



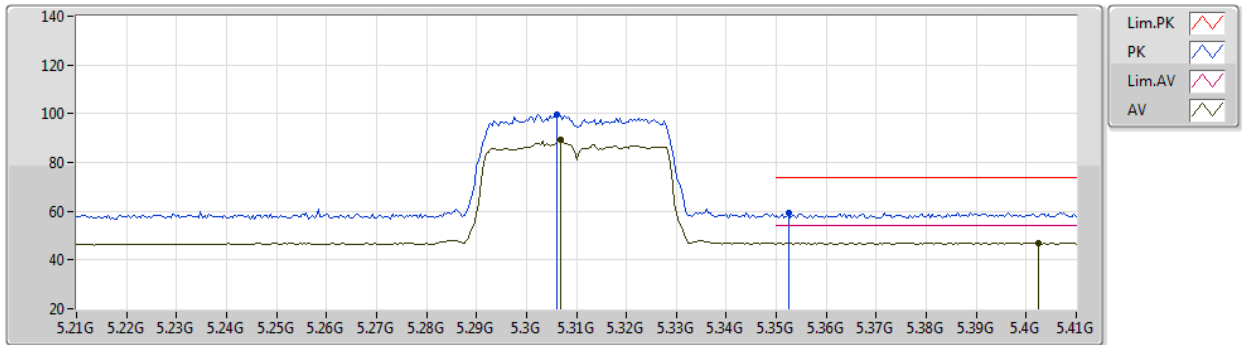
EUT Y_4TX
Setting 16
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3016G	110.89	Inf	-Inf	104.61	3	Vertical	195	2.51	-	34.30	6.86	34.88
AV	5.3024G	97.98	Inf	-Inf	91.70	3	Vertical	195	2.51	-	34.30	6.86	34.88
PK	5.3928G	60.91	74.00	-13.09	54.54	3	Vertical	195	2.51	-	34.39	6.92	34.94
AV	5.3808G	47.60	54.00	-6.40	41.24	3	Vertical	195	2.51	-	34.38	6.92	34.94

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5310MHz_TX



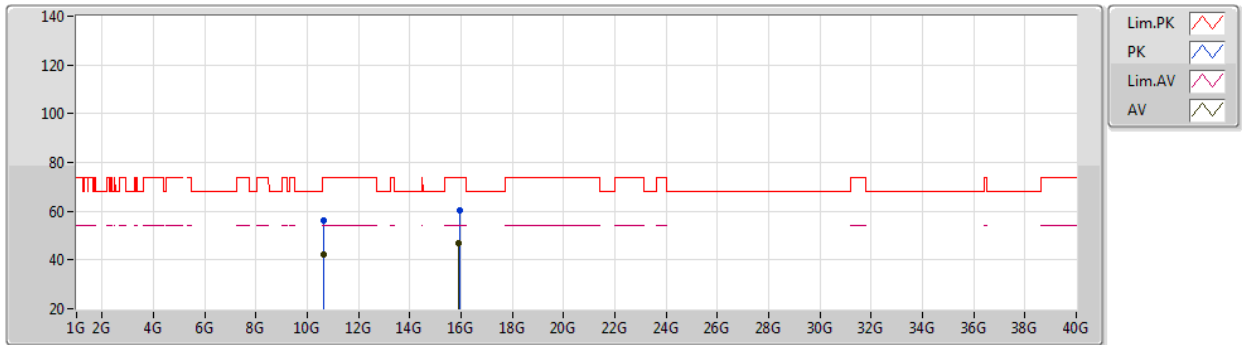
EUT Y_4TX
Setting 16
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.306G	99.86	Inf	-Inf	93.57	3	Horizontal	250	2.80	-	34.31	6.86	34.88
AV	5.3068G	89.08	Inf	-Inf	82.79	3	Horizontal	250	2.80	-	34.31	6.86	34.88
PK	5.3524G	59.19	74.00	-14.81	52.86	3	Horizontal	250	2.80	-	34.35	6.90	34.92
AV	5.4024G	47.04	54.00	-6.96	40.66	3	Horizontal	250	2.80	-	34.40	6.93	34.95

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5310MHz_TX



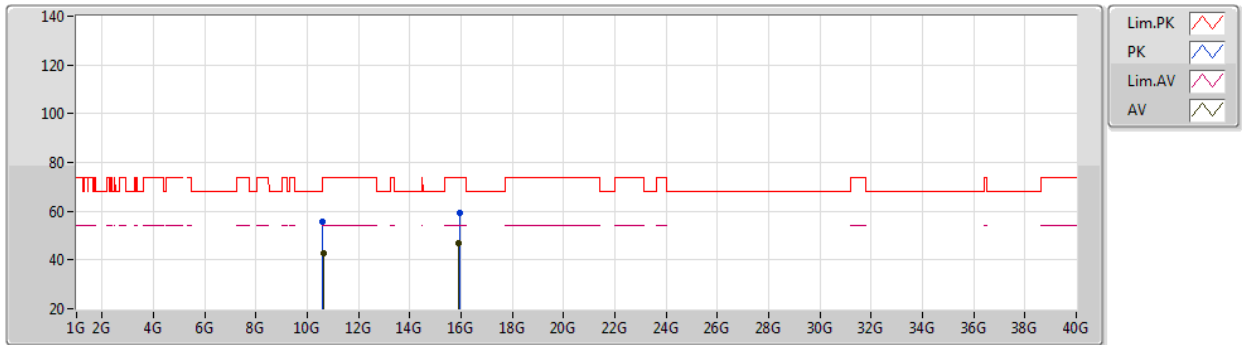
EUT Y_4TX
Setting 16
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	10.6239G	56.34	74.00	-17.66	42.70	3	Vertical	291	1.80	-	38.42	10.04	34.82	
AV	10.6323G	42.49	54.00	-11.51	28.83	3	Vertical	291	1.80	-	38.43	10.04	34.81	
PK	15.9267G	60.22	74.00	-13.78	45.90	3	Vertical	37	1.62	-	37.72	11.82	35.22	
AV	15.91722G	46.67	54.00	-7.33	32.31	3	Vertical	37	1.62	-	37.75	11.82	35.21	

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5310MHz_TX



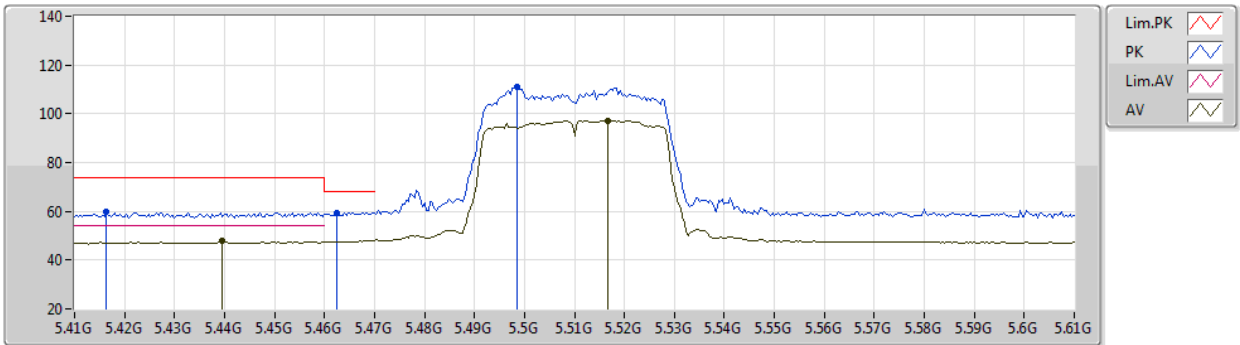
EUT Y_4TX
Setting 16
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	10.60518G	55.47	74.00	-18.53	41.84	3	Horizontal	0	1.80	-	38.42	10.04	34.83	
AV	10.61928G	42.51	54.00	-11.49	28.87	3	Horizontal	0	1.80	-	38.42	10.04	34.82	
PK	15.93966G	59.11	74.00	-14.89	44.83	3	Horizontal	216	1.38	-	37.68	11.83	35.23	
AV	15.91722G	46.74	54.00	-7.26	32.38	3	Horizontal	216	1.38	-	37.75	11.82	35.21	

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5510MHz_TX



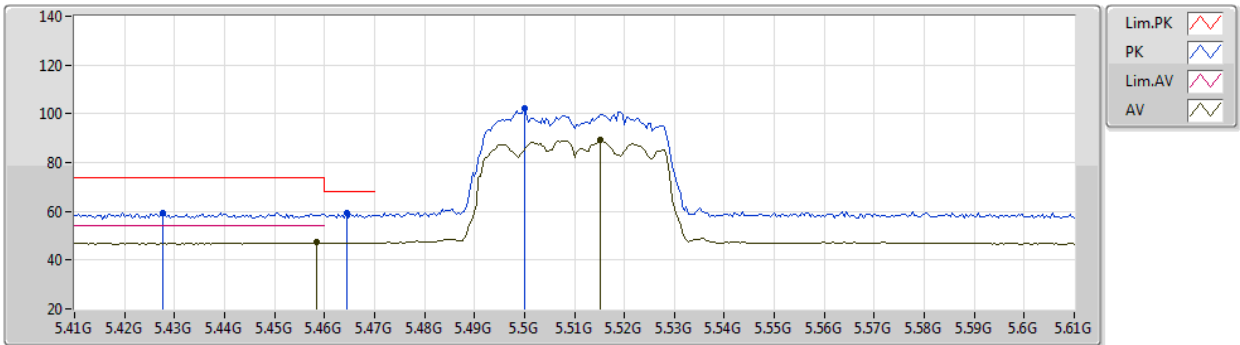
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Setting 16
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4164G	59.88	74.00	-14.12	53.48	3	Vertical	175	1.77	-	34.42	6.94	34.96
PK	5.4624G	59.36	68.20	-8.84	52.91	3	Vertical	175	1.77	-	34.46	6.98	34.99
AV	5.4396G	47.74	54.00	-6.26	41.31	3	Vertical	175	1.77	-	34.44	6.96	34.97
AV	5.5168G	97.17	Inf	-Inf	90.68	3	Vertical	175	1.77	-	34.48	7.01	35.00
PK	5.4984G	110.95	Inf	-Inf	104.45	3	Vertical	175	1.77	-	34.50	7.01	35.01

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5510MHz_TX



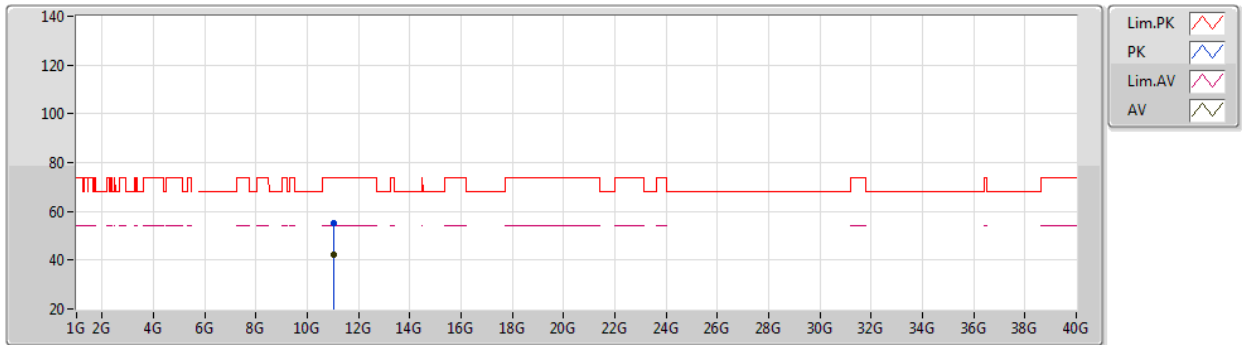
EUT Y_4TX
Setting 16
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4276G	59.44	74.00	-14.56	53.03	3	Horizontal	232	2.20	-	34.43	6.95	34.97
PK	5.4644G	59.14	68.20	-9.06	52.69	3	Horizontal	232	2.20	-	34.46	6.98	34.99
AV	5.4584G	47.20	54.00	-6.80	40.75	3	Horizontal	232	2.20	-	34.46	6.98	34.99
PK	5.5G	102.35	Inf	-Inf	95.85	3	Horizontal	232	2.20	-	34.50	7.01	35.01
AV	5.5152G	89.32	Inf	-Inf	82.84	3	Horizontal	232	2.20	-	34.48	7.01	35.01

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5510MHz_TX



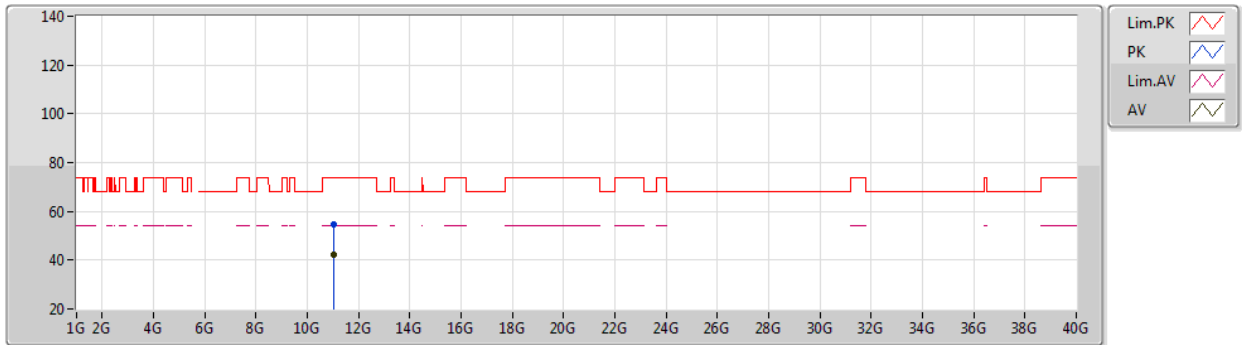
EUT Y_4TX
Setting 16
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.02594G	54.99	74.00	-19.01	40.96	3	Vertical	293	1.10	-	38.52	10.10	34.59
AV	11.01988G	42.30	54.00	-11.70	28.28	3	Vertical	293	1.10	-	38.51	10.10	34.59

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5510MHz_TX



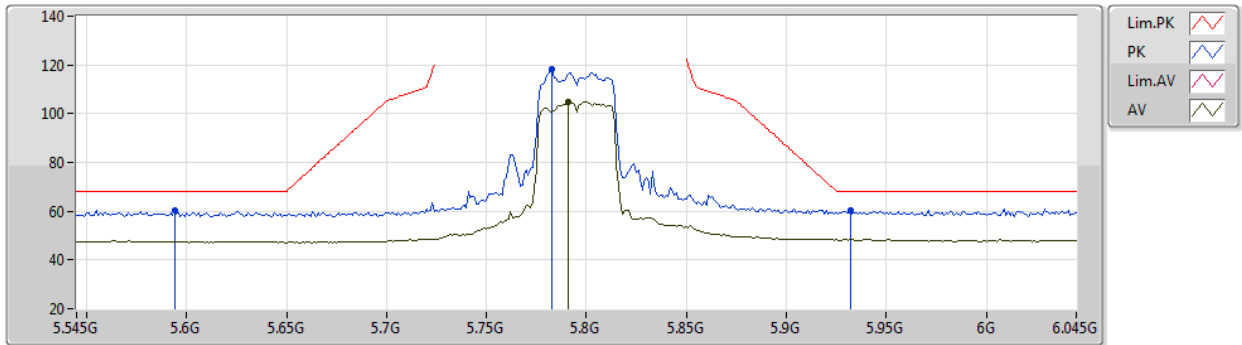
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Setting 16
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.02612G	54.91	74.00	-19.09	40.88	3	Horizontal	26	2.45	-	38.52	10.10	34.59
AV	11.02702G	42.29	54.00	-11.71	28.26	3	Horizontal	26	2.45	-	38.52	10.10	34.59

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5795MHz_TX



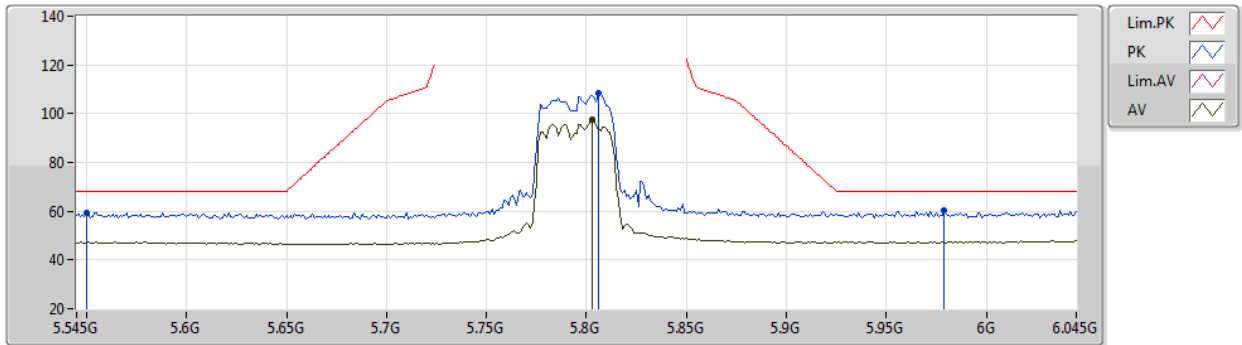
EUT Y_4TX
Setting 24
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.594G	60.46	68.20	-7.74	54.01	3	Vertical	175	1.80	-	34.41	7.02	34.98
PK	5.783G	118.16	Inf	-Inf	111.75	3	Vertical	175	1.80	-	34.30	7.04	34.93
AV	5.791G	104.75	Inf	-Inf	98.34	3	Vertical	175	1.80	-	34.30	7.04	34.93
PK	5.932G	60.53	68.20	-7.67	53.77	3	Vertical	175	1.80	-	34.60	7.05	34.89

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5795MHz_TX



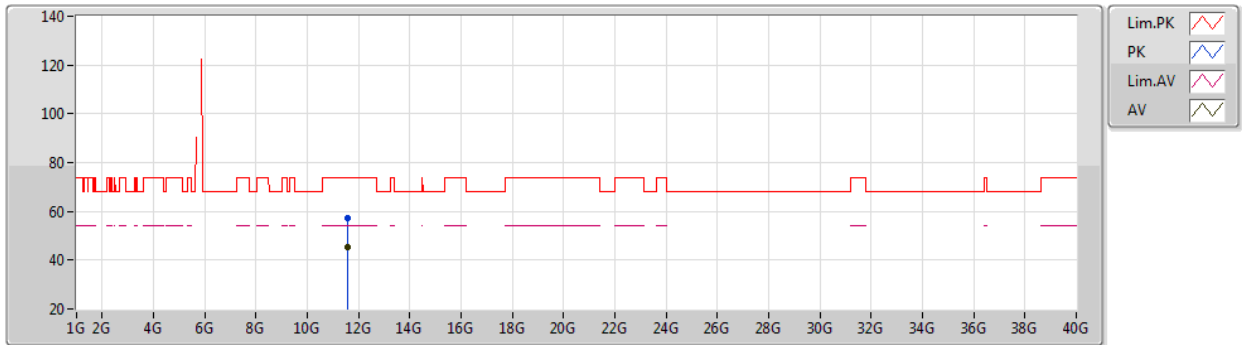
EUT Y_4TX
Setting 24
03-D-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.55G	59.46	68.20	-8.74	52.99	3	Horizontal	237	1.78	-	34.45	7.01	34.99
PK	5.806G	108.31	Inf	-Inf	101.89	3	Horizontal	237	1.78	-	34.31	7.04	34.93
AV	5.803G	97.39	Inf	-Inf	90.97	3	Horizontal	237	1.78	-	34.31	7.04	34.93
PK	5.979G	60.25	68.20	-7.95	53.33	3	Horizontal	237	1.78	-	34.74	7.06	34.88

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5795MHz_TX



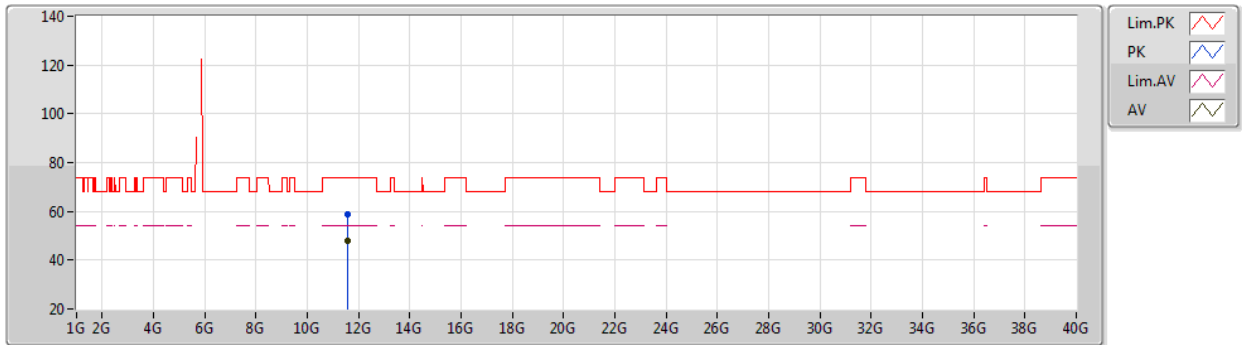
EUT Y_4TX
Setting 24
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58952G	57.36	74.00	-16.64	42.97	3	Vertical	299	1.80	-	38.91	10.18	34.70
AV	11.58983G	45.42	54.00	-8.58	31.03	3	Vertical	299	1.80	-	38.91	10.18	34.70

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

22/04/2020

5795MHz_TX



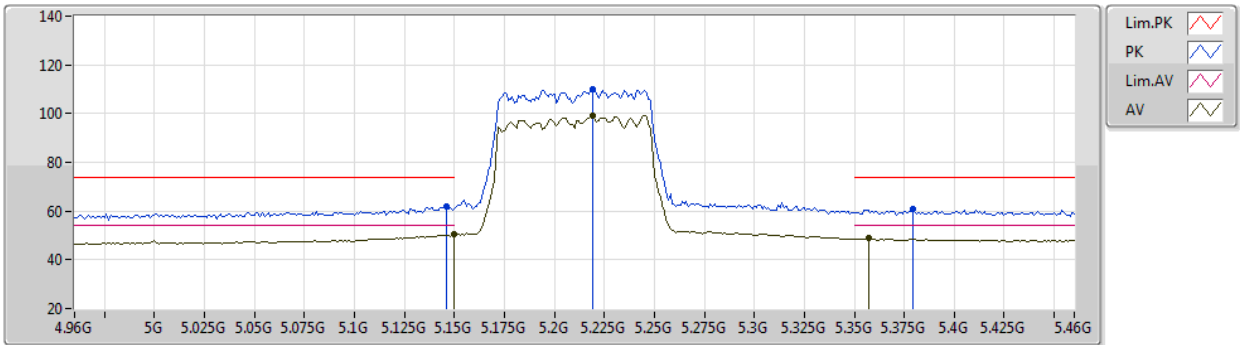
EUT Y_4TX
Setting 24
03-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58996G	58.70	74.00	-15.30	44.31	3	Horizontal	342	1.62	-	38.91	10.18	34.70
AV	11.58992G	47.87	54.00	-6.13	33.48	3	Horizontal	342	1.62	-	38.91	10.18	34.70

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

22/04/2020

5210MHz_TX



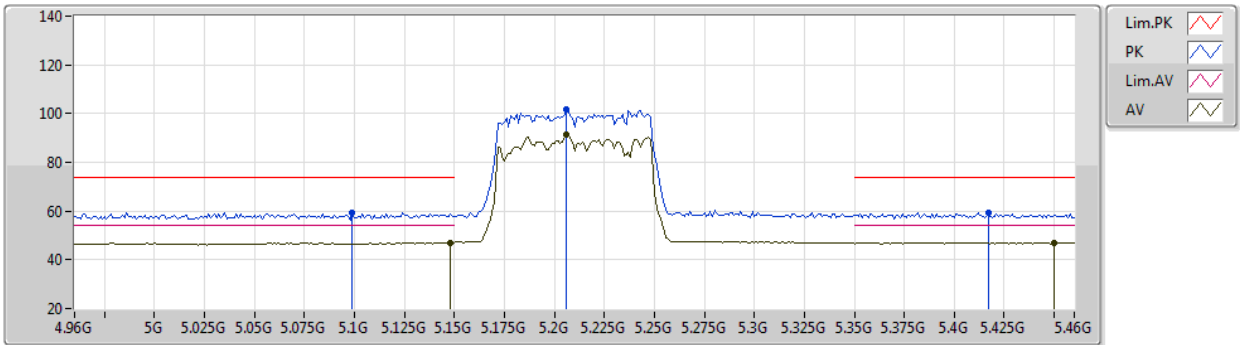
EUT Y_4TX
Setting 20
03-D-W-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	61.80	74.00	-12.20	55.79	3	Vertical	206	1.94	-	34.05	6.73	34.77
AV	5.15G	50.27	54.00	-3.73	44.26	3	Vertical	206	1.94	-	34.05	6.73	34.77
PK	5.219G	109.87	Inf	-Inf	103.76	3	Vertical	206	1.94	-	34.14	6.79	34.82
AV	5.219G	98.97	Inf	-Inf	92.86	3	Vertical	206	1.94	-	34.14	6.79	34.82
PK	5.379G	60.88	74.00	-13.12	54.52	3	Vertical	206	1.94	-	34.38	6.92	34.94
AV	5.357G	48.74	54.00	-5.26	42.40	3	Vertical	206	1.94	-	34.36	6.90	34.92

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

22/04/2020

5210MHz_TX



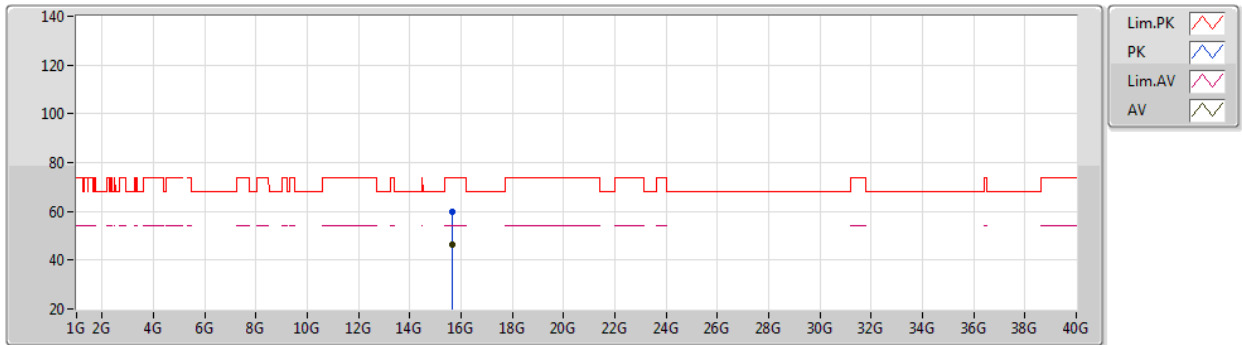
EUT Y_4TX
Setting 20
03-D-W-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.099G	59.39	74.00	-14.61	53.43	3	Horizontal	248	2.00	-	34.00	6.70	34.74
AV	5.148G	47.11	54.00	-6.89	41.10	3	Horizontal	248	2.00	-	34.05	6.73	34.77
PK	5.206G	101.51	Inf	-Inf	95.43	3	Horizontal	248	2.00	-	34.11	6.78	34.81
AV	5.206G	91.46	Inf	-Inf	85.38	3	Horizontal	248	2.00	-	34.11	6.78	34.81
PK	5.417G	59.30	74.00	-14.70	52.90	3	Horizontal	248	2.00	-	34.42	6.94	34.96
AV	5.45G	47.13	54.00	-6.87	40.69	3	Horizontal	248	2.00	-	34.45	6.97	34.98

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

22/04/2020

5210MHz_TX



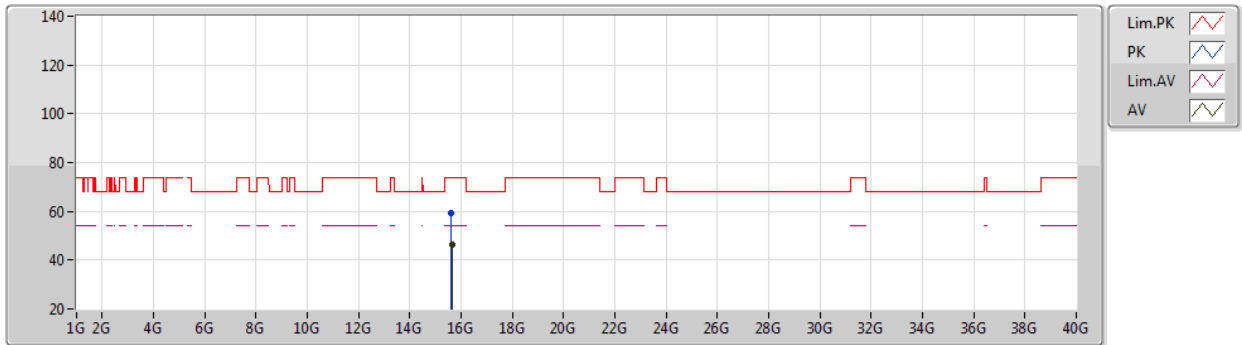
EUT Y_4TX
Setting 20
03-D-W-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.65368G	59.91	74.00	-14.09	44.61	3	Vertical	346	1.50	-	38.54	11.68	34.92
AV	15.63992G	46.59	54.00	-7.41	31.24	3	Vertical	346	1.50	-	38.58	11.68	34.91

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

22/04/2020

5210MHz_TX



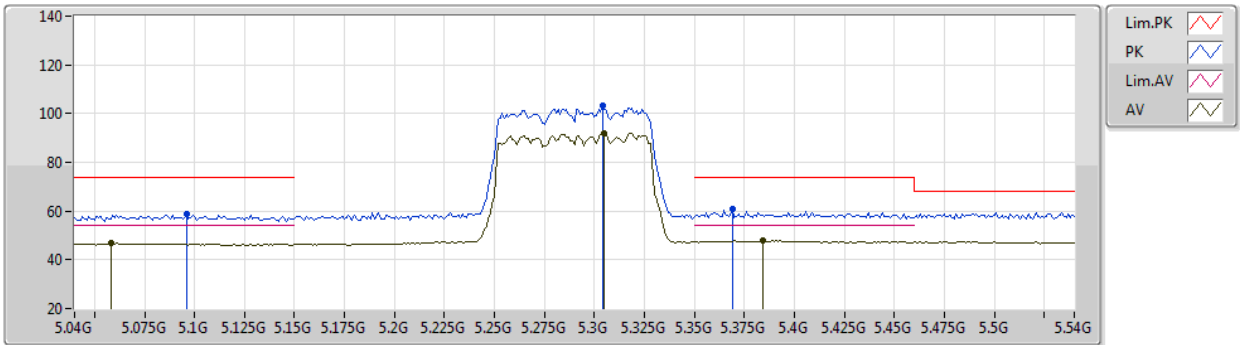
EUT Y_4TX
Setting 20
03-D-W-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.61688G	59.51	74.00	-14.49	44.08	3	Horizontal	360	2.99	-	38.65	11.66	34.88
AV	15.64408G	46.54	54.00	-7.46	31.20	3	Horizontal	360	2.99	-	38.57	11.68	34.91

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5290MHz_TX



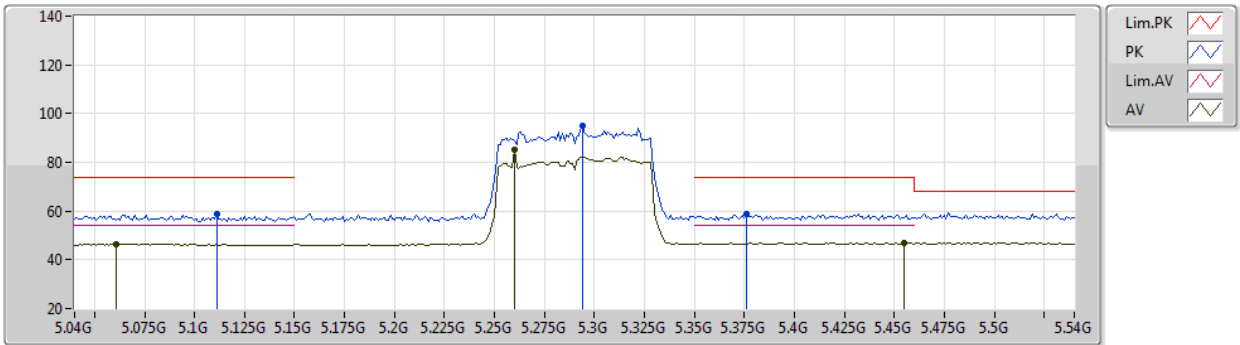
EUT Y_4TX
Setting 13
03-D-W-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.096G	58.61	74.00	-15.39	52.65	3	Vertical	202	1.93	-	34.00	6.70	34.74
AV	5.058G	46.71	54.00	-7.29	40.79	3	Vertical	202	1.93	-	33.96	6.67	34.71
PK	5.304G	103.07	Inf	-Inf	96.79	3	Vertical	202	1.93	-	34.30	6.86	34.88
AV	5.305G	91.99	Inf	-Inf	85.71	3	Vertical	202	1.93	-	34.30	6.86	34.88
PK	5.369G	60.88	74.00	-13.12	54.53	3	Vertical	202	1.93	-	34.37	6.91	34.93
AV	5.384G	47.78	54.00	-6.22	41.42	3	Vertical	202	1.93	-	34.38	6.92	34.94

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5290MHz_TX



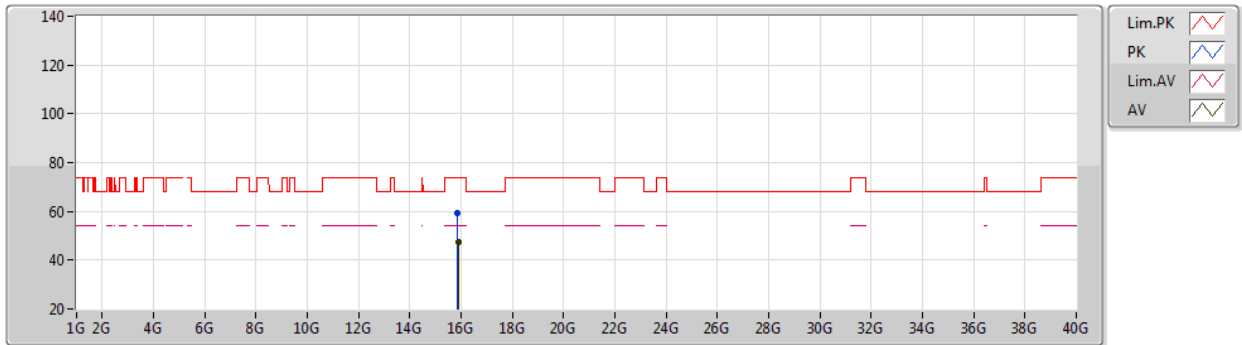
EUT Y_4TX
Setting 13
03-D-W-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.111G	58.61	74.00	-15.39	52.64	3	Horizontal	8	1.59	-	34.01	6.71	34.75
AV	5.061G	46.52	54.00	-7.48	40.60	3	Horizontal	8	1.59	-	33.96	6.67	34.71
PK	5.294G	94.88	Inf	-Inf	88.62	3	Horizontal	8	1.59	-	34.29	6.85	34.88
AV	5.26G	84.95	Inf	-Inf	78.76	3	Horizontal	8	1.59	-	34.22	6.82	34.85
PK	5.376G	58.92	74.00	-15.08	52.56	3	Horizontal	8	1.59	-	34.38	6.91	34.93
AV	5.455G	46.87	54.00	-7.13	40.43	3	Horizontal	8	1.59	-	34.45	6.97	34.98

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5290MHz_TX



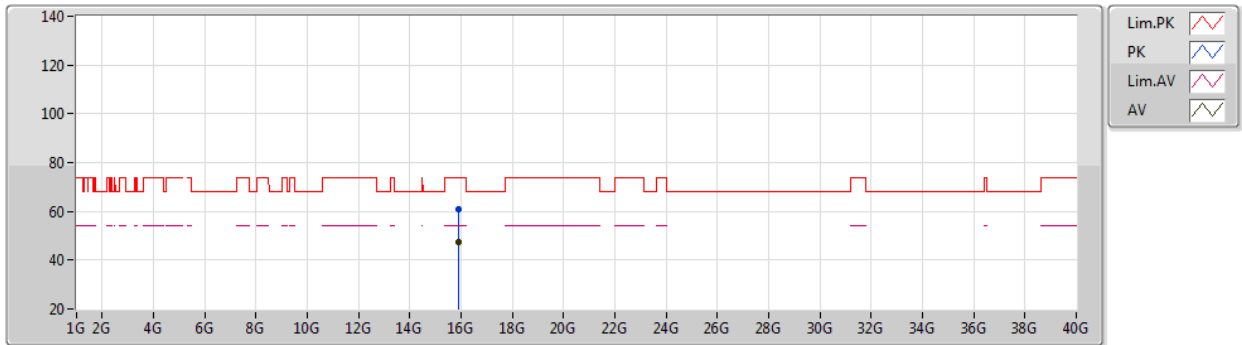
EUT Y_4TX
Setting 13
03-D-W-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.83272G	59.39	74.00	-14.61	44.74	3	Vertical	357	1.15	-	38.00	11.77	35.12
AV	15.89304G	47.26	54.00	-6.74	32.81	3	Vertical	357	1.15	-	37.82	11.81	35.18

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5290MHz_TX



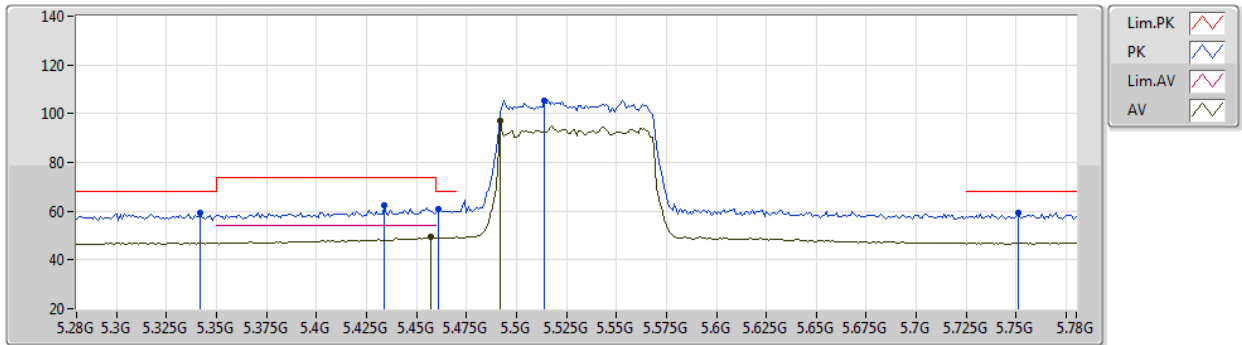
EUT Y_4TX
Setting 13
03-D-W-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.88632G	60.61	74.00	-13.39	46.15	3	Horizontal	30	2.06	-	37.84	11.80	35.18
AV	15.88616G	47.27	54.00	-6.73	32.81	3	Horizontal	30	2.06	-	37.84	11.80	35.18

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5530MHz_TX



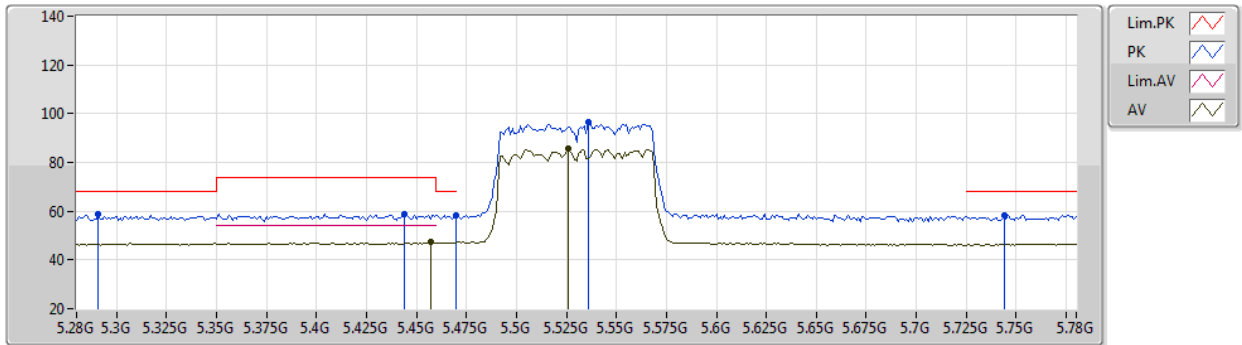
EUT Y_4TX
Setting 15
03-D-W-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.342G	59.15	68.20	-9.05	52.83	3	Vertical	204	1.82	-	34.34	6.89	34.91
PK	5.434G	62.58	74.00	-11.42	56.16	3	Vertical	204	1.82	-	34.43	6.96	34.97
AV	5.457G	49.26	54.00	-4.74	42.80	3	Vertical	204	1.82	-	34.46	6.98	34.98
PK	5.461G	61.06	68.20	-7.14	54.61	3	Vertical	204	1.82	-	34.46	6.98	34.99
PK	5.514G	105.37	Inf	-Inf	98.88	3	Vertical	204	1.82	-	34.49	7.01	35.01
AV	5.492G	96.90	Inf	-Inf	90.42	3	Vertical	204	1.82	-	34.49	7.00	35.01
PK	5.751G	59.32	68.20	-8.88	52.92	3	Vertical	204	1.82	-	34.30	7.04	34.94

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5530MHz_TX



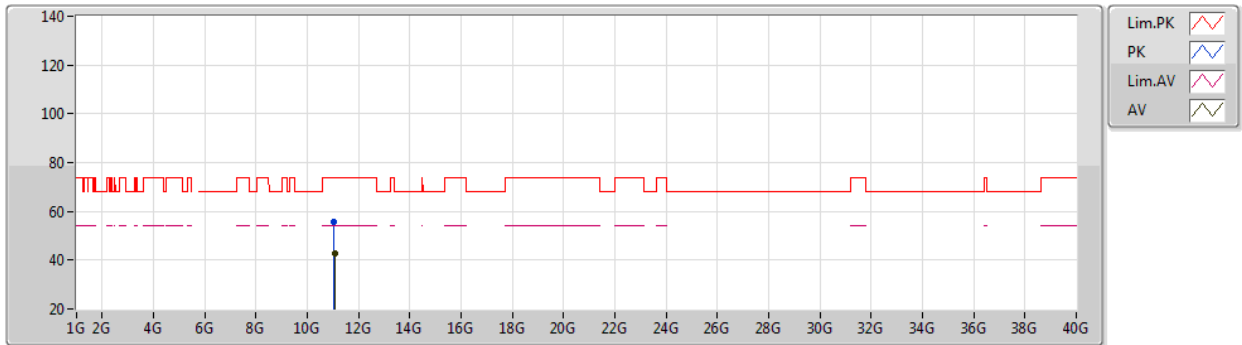
EUT Y_4TX
Setting 15
03-D-W-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.291G	58.54	68.20	-9.66	52.28	3	Horizontal	246	1.82	-	34.28	6.85	34.87
PK	5.444G	58.78	74.00	-15.22	52.35	3	Horizontal	246	1.82	-	34.44	6.97	34.98
AV	5.457G	47.17	54.00	-6.83	40.71	3	Horizontal	246	1.82	-	34.46	6.98	34.98
PK	5.47G	58.50	68.20	-9.70	52.03	3	Horizontal	246	1.82	-	34.47	6.99	34.99
PK	5.536G	96.81	Inf	-Inf	90.34	3	Horizontal	246	1.82	-	34.46	7.01	35.00
AV	5.526G	85.75	Inf	-Inf	79.27	3	Horizontal	246	1.82	-	34.47	7.01	35.00
PK	5.744G	58.30	68.20	-9.90	51.91	3	Horizontal	246	1.82	-	34.30	7.03	34.94

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5530MHz_TX



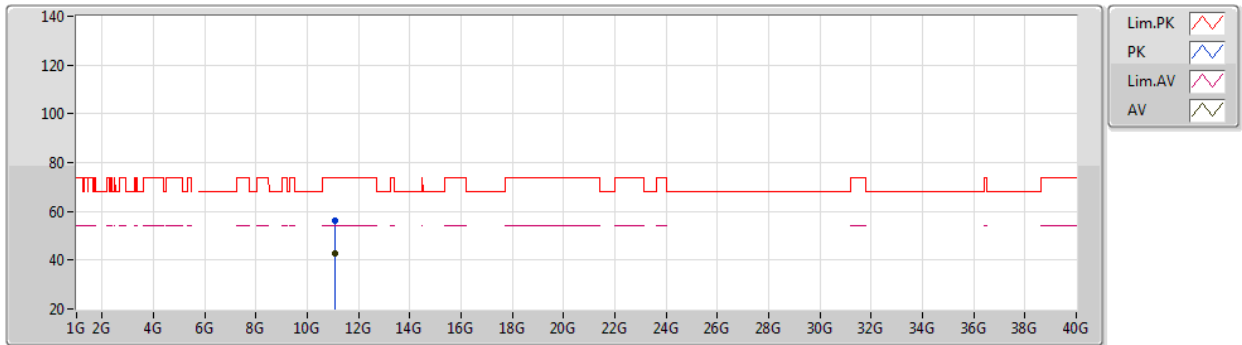
EUT Y_4TX
Setting 15
03-D-W-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.03664G	55.46	74.00	-18.54	41.43	3	Vertical	180	2.33	-	38.53	10.10	34.60
AV	11.0648G	42.86	54.00	-11.14	28.80	3	Vertical	180	2.33	-	38.55	10.11	34.60

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5530MHz_TX



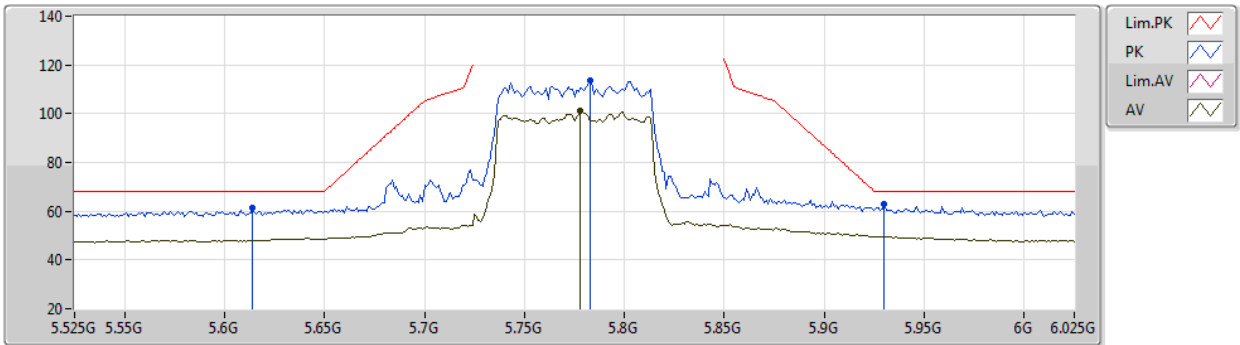
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Setting 15
03-D-W-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.08016G	56.01	74.00	-17.99	41.94	3	Horizontal	47	2.40	-	38.56	10.11	34.60
AV	11.06672G	42.99	54.00	-11.01	28.93	3	Horizontal	47	2.40	-	38.55	10.11	34.60

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5775MHz_TX



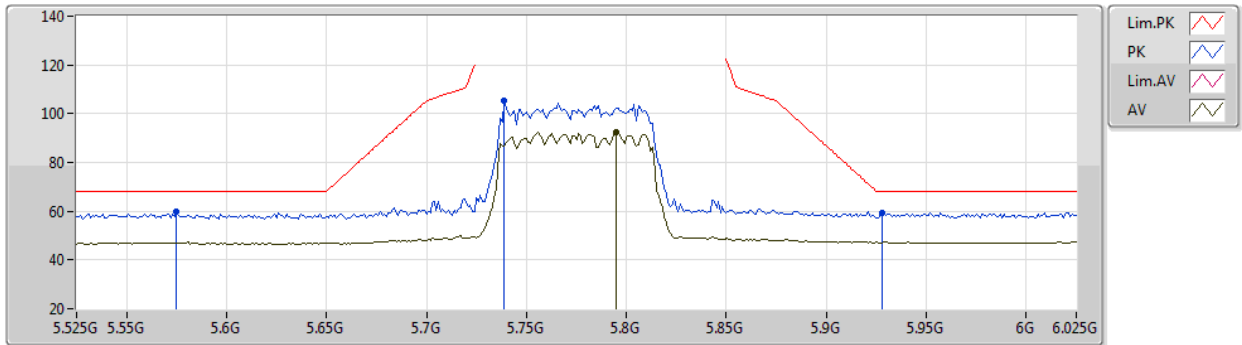
EUT Y_4TX
Setting 22
03-D-W-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.614G	61.60	68.20	-6.60	55.17	3	Vertical	170	1.90	-	34.39	7.02	34.98
PK	5.783G	113.42	Inf	-Inf	107.01	3	Vertical	170	1.90	-	34.30	7.04	34.93
AV	5.778G	101.07	Inf	-Inf	94.66	3	Vertical	170	1.90	-	34.30	7.04	34.93
PK	5.93G	63.11	68.20	-5.09	56.36	3	Vertical	170	1.90	-	34.59	7.05	34.89

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5775MHz_TX



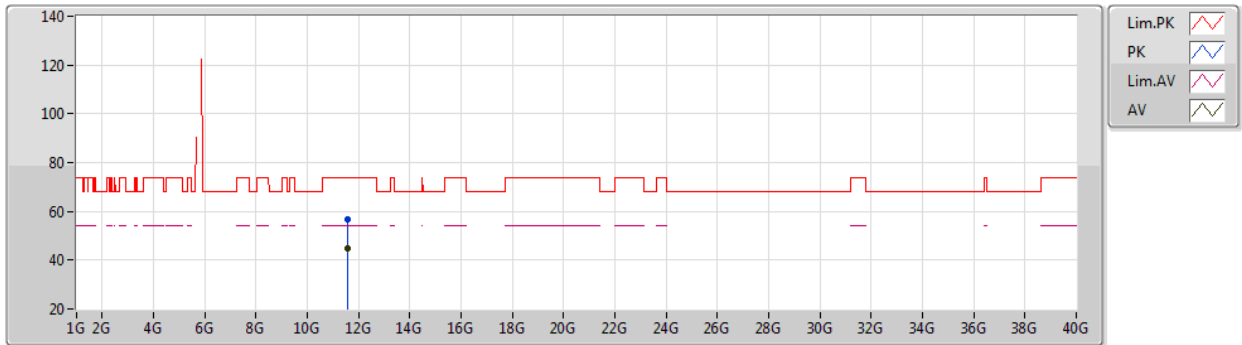
EUT Y_4TX
Setting 22
03-D-W-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.575G	59.86	68.20	-8.34	53.41	3	Horizontal	223	1.57	-	34.42	7.02	34.99
PK	5.739G	105.30	Inf	-Inf	98.91	3	Horizontal	223	1.57	-	34.30	7.03	34.94
AV	5.795G	92.40	Inf	-Inf	85.99	3	Horizontal	223	1.57	-	34.30	7.04	34.93
PK	5.928G	59.45	68.20	-8.75	52.71	3	Horizontal	223	1.57	-	34.58	7.05	34.89

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5775MHz_TX



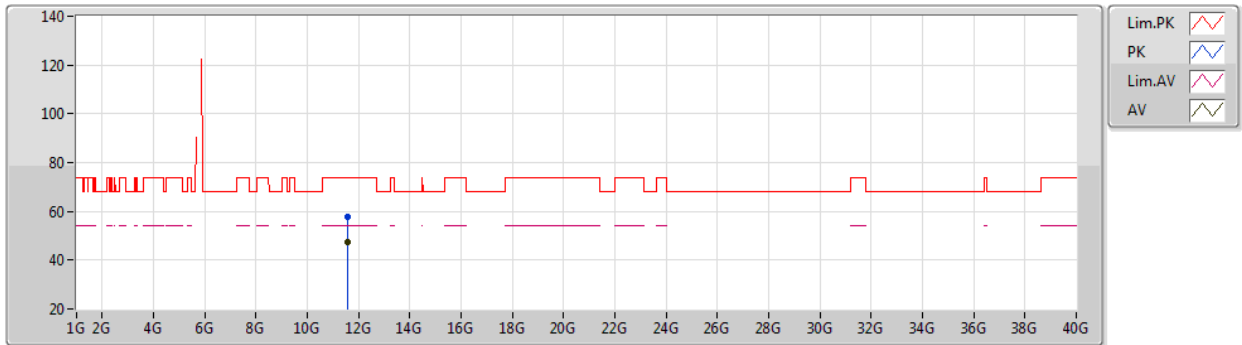
EUT Y_4TX
Setting 22
03-D-W-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55137G	56.78	74.00	-17.22	42.41	3	Vertical	293	1.83	-	38.89	10.17	34.69
AV	11.54982G	44.81	54.00	-9.19	30.45	3	Vertical	293	1.83	-	38.88	10.17	34.69

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

23/04/2020

5775MHz_TX



EUT Y_4TX
Setting 22
03-D-W-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54996G	57.83	74.00	-16.17	43.47	3	Horizontal	343	1.76	-	38.88	10.17	34.69
AV	11.54992G	47.21	54.00	-6.79	32.85	3	Horizontal	343	1.76	-	38.88	10.17	34.69



<beamforming mode> 80+80 MHz

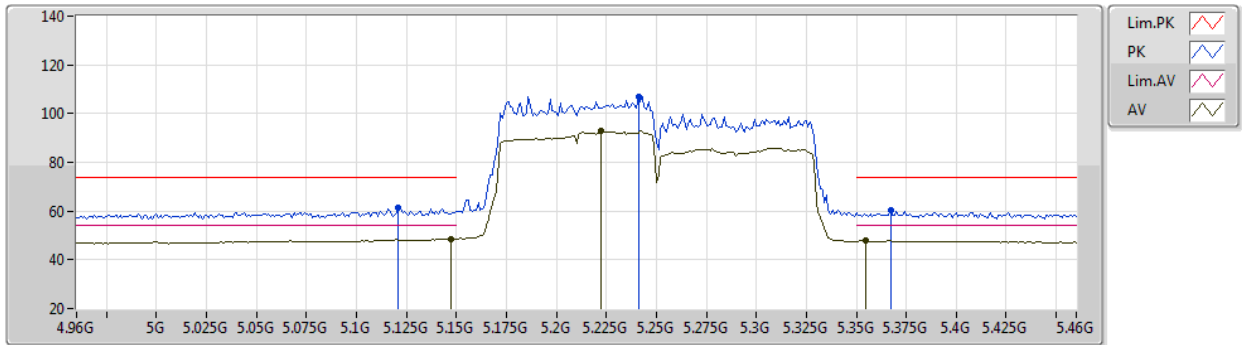
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	AV	5.144G	50.65	54.00	-3.35	3	Vertical	191	2.60	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

24/04/2020

#5210MHz,5290MHz_TX



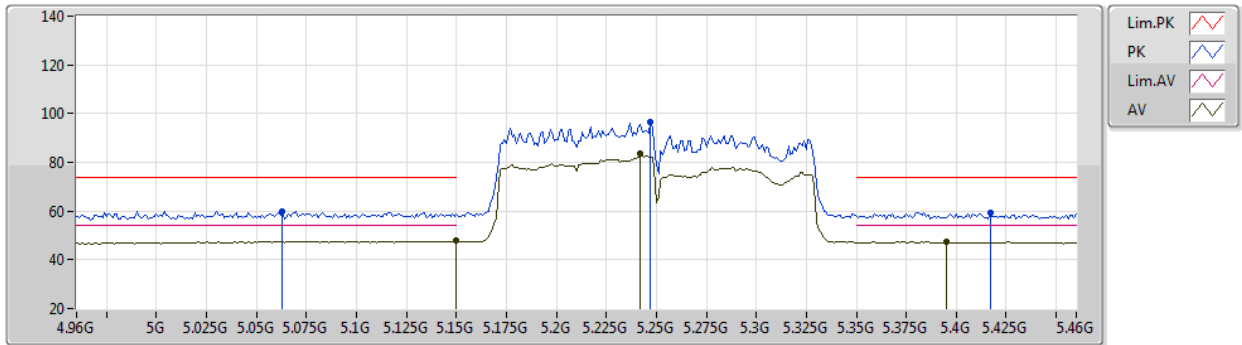
EUT Y_4TX
Setting 22.5
02-B-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.121G	61.32	74.00	-12.68	51.04	3	Vertical	336	1.95	-	34.70	5.96	30.38
AV	5.147G	48.68	54.00	-5.32	38.39	3	Vertical	336	1.95	-	34.70	5.97	30.38
PK	5.241G	107.10	Inf	-Inf	96.68	3	Vertical	336	1.95	-	34.82	6.02	30.42
AV	5.222G	92.79	Inf	-Inf	82.42	3	Vertical	336	1.95	-	34.77	6.01	30.41
PK	5.367G	60.47	74.00	-13.53	50.05	3	Vertical	336	1.95	-	34.80	6.08	30.46
AV	5.355G	47.84	54.00	-6.16	37.38	3	Vertical	336	1.95	-	34.84	6.08	30.46

802.11ac VHT80+80_Nss1,(MCS0)_4TX

24/04/2020

#5210MHz,5290MHz_TX



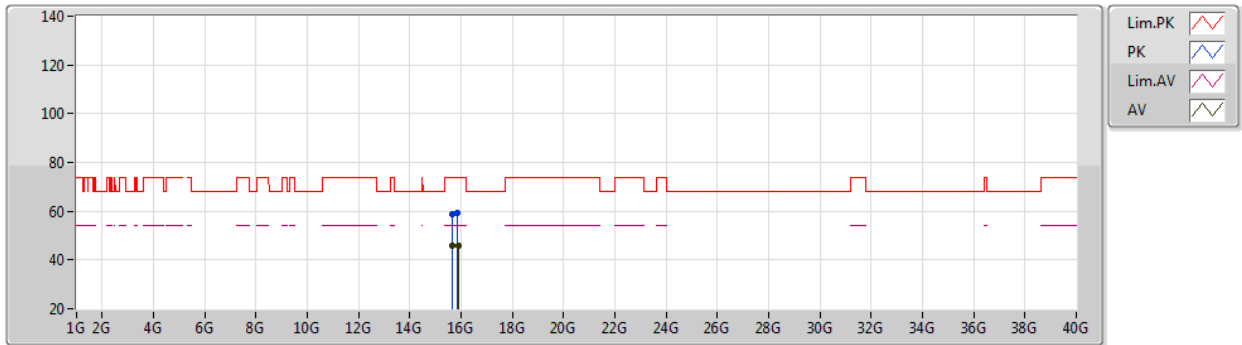
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Setting 22.5
02-B-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.063G	59.69	74.00	-14.31	49.60	3	Horizontal	0	2.90	-	34.52	5.93	30.36
AV	5.15G	47.76	54.00	-6.24	37.47	3	Horizontal	0	2.90	-	34.70	5.97	30.38
PK	5.247G	96.56	Inf	-Inf	86.12	3	Horizontal	0	2.90	-	34.84	6.02	30.42
AV	5.242G	83.51	Inf	-Inf	73.08	3	Horizontal	0	2.90	-	34.83	6.02	30.42
PK	5.417G	59.37	74.00	-14.63	49.06	3	Horizontal	0	2.90	-	34.67	6.12	30.48
AV	5.395G	47.39	54.00	-6.61	37.04	3	Horizontal	0	2.90	-	34.72	6.10	30.47

802.11ac VHT80+80_Nss1,(MCS0)_4TX

24/04/2020

#5210MHz,5290MHz_TX



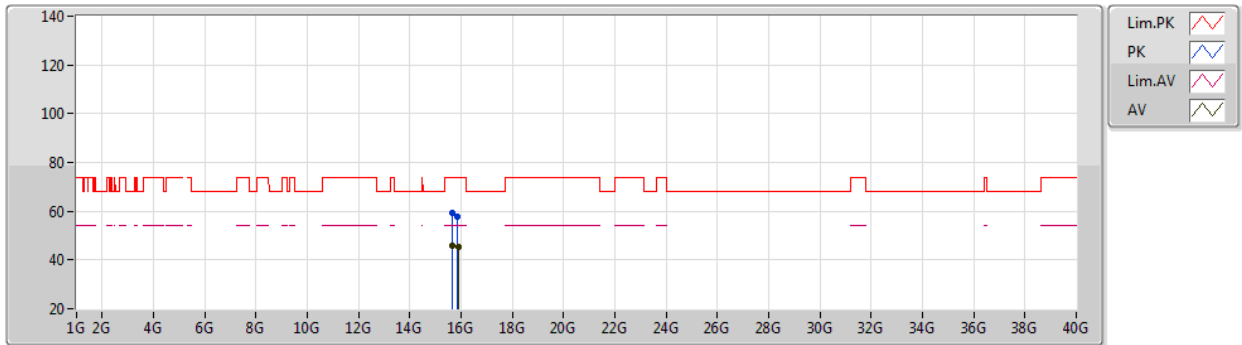
EUT Y_4TX
Setting 22.5
02-B-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.66696G	58.75	74.00	-15.25	38.24	3	Vertical	304	2.96	-	43.23	9.29	32.01
AV	15.64424G	45.90	54.00	-8.10	25.37	3	Vertical	304	2.96	-	43.25	9.28	32.00
PK	15.85064G	59.38	74.00	-14.62	38.98	3	Vertical	352	1.80	-	43.10	9.35	32.05
AV	15.89496G	45.75	54.00	-8.25	25.37	3	Vertical	352	1.80	-	43.07	9.37	32.06

802.11ac VHT80+80_Nss1,(MCS0)_4TX

24/04/2020

#5210MHz,5290MHz_TX



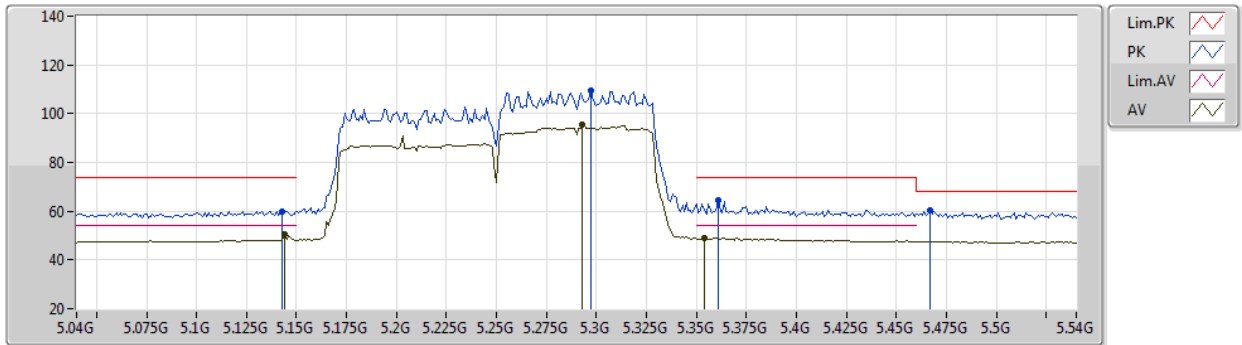
EUT Y_4TX
Setting 22.5
02-B-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.66824G	59.39	74.00	-14.61	38.88	3	Horizontal	217	1.80	-	43.23	9.29	32.01
AV	15.66392G	45.85	54.00	-8.15	25.33	3	Horizontal	217	1.80	-	43.24	9.29	32.01
PK	15.83336G	57.89	74.00	-16.11	37.46	3	Horizontal	38	1.85	-	43.12	9.35	32.04
AV	15.894G	45.49	54.00	-8.51	25.11	3	Horizontal	38	1.85	-	43.07	9.37	32.06

802.11ac VHT80+80_Nss1,(MCS0)_4TX

24/04/2020

5210MHz,#5290MHz_TX



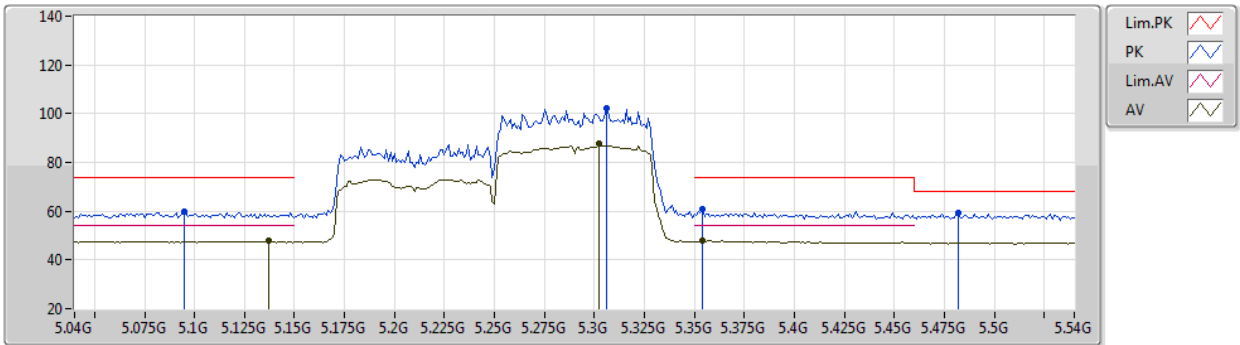
EUT Y_4TX
Setting 22.5
02-B-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.143G	60.07	74.00	-13.93	49.78	3	Vertical	191	2.60	-	34.70	5.97	30.38
AV	5.144G	50.65	54.00	-3.35	40.36	3	Vertical	191	2.60	-	34.70	5.97	30.38
PK	5.297G	109.42	Inf	-Inf	98.82	3	Vertical	191	2.60	-	34.99	6.05	30.44
AV	5.293G	95.48	Inf	-Inf	84.89	3	Vertical	191	2.60	-	34.98	6.05	30.44
PK	5.361G	64.23	74.00	-9.77	53.79	3	Vertical	191	2.60	-	34.82	6.08	30.46
AV	5.354G	49.10	54.00	-4.90	38.64	3	Vertical	191	2.60	-	34.84	6.08	30.46
PK	5.467G	60.18	68.20	-8.02	49.94	3	Vertical	191	2.60	-	34.57	6.17	30.50

802.11ac VHT80+80_Nss1,(MCS0)_4TX

24/04/2020

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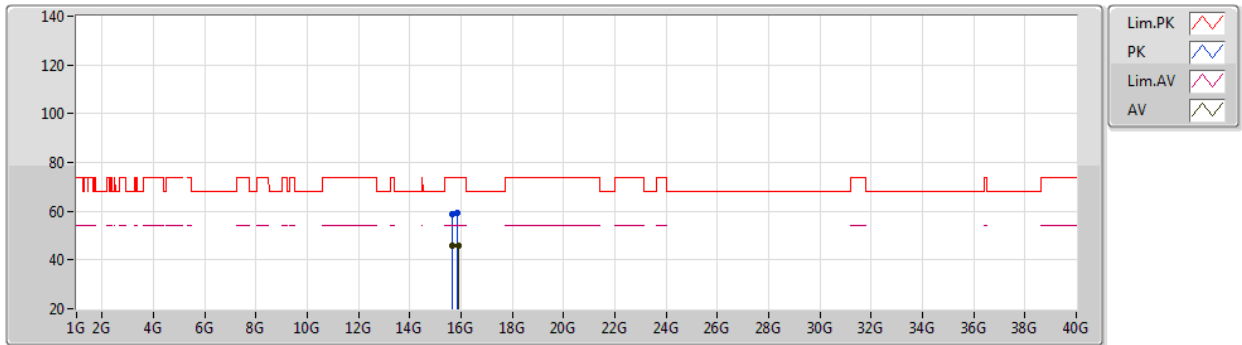
EUT Y_4TX
Setting 22.5
02-B-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.095G	59.57	74.00	-14.43	49.31	3	Horizontal	258	2.22	-	34.68	5.95	30.37
AV	5.137G	47.73	54.00	-6.27	37.44	3	Horizontal	258	2.22	-	34.70	5.97	30.38
PK	5.306G	102.13	Inf	-Inf	91.54	3	Horizontal	258	2.22	-	34.98	6.05	30.44
AV	5.302G	87.51	Inf	-Inf	76.91	3	Horizontal	258	2.22	-	34.99	6.05	30.44
PK	5.354G	60.67	74.00	-13.33	50.21	3	Horizontal	258	2.22	-	34.84	6.08	30.46
AV	5.354G	48.04	54.00	-5.96	37.58	3	Horizontal	258	2.22	-	34.84	6.08	30.46
PK	5.482G	59.24	68.20	-8.96	49.01	3	Horizontal	258	2.22	-	34.54	6.19	30.50

802.11ac VHT80+80_Nss1,(MCS0)_4TX

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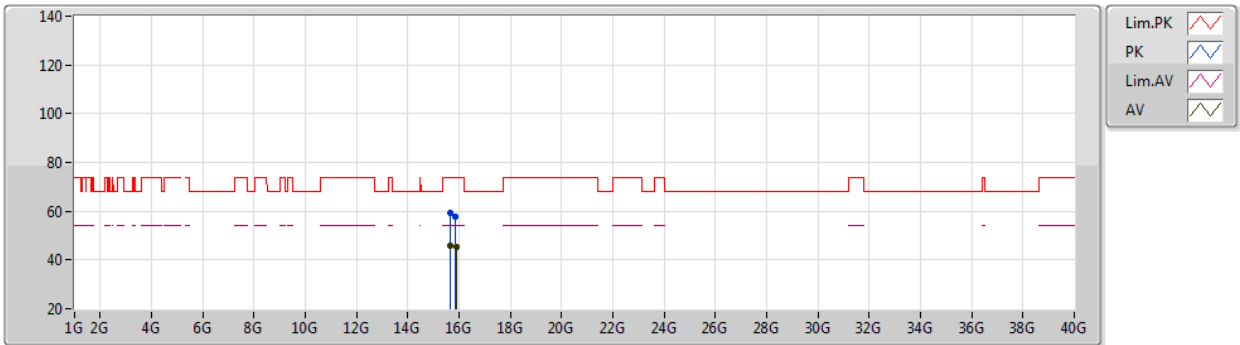
EUT Y_4TX
Setting 22.5
02-B-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.66696G	58.75	74.00	-15.25	38.24	3	Vertical	304	2.96	-	43.23	9.29	32.01
AV	15.64424G	45.90	54.00	-8.10	25.37	3	Vertical	304	2.96	-	43.25	9.28	32.00
PK	15.85064G	59.38	74.00	-14.62	38.98	3	Vertical	352	1.80	-	43.10	9.35	32.05
AV	15.89496G	45.75	54.00	-8.25	25.37	3	Vertical	352	1.80	-	43.07	9.37	32.06

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EUT Y_4TX
Setting 22.5
02-B-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.66824G	59.39	74.00	-14.61	38.88	3	Horizontal	217	1.80	-	43.23	9.29	32.01
AV	15.66392G	45.85	54.00	-8.15	25.33	3	Horizontal	217	1.80	-	43.24	9.29	32.01
PK	15.83336G	57.89	74.00	-16.11	37.46	3	Horizontal	38	1.85	-	43.12	9.35	32.04
AV	15.894G	45.49	54.00	-8.51	25.11	3	Horizontal	38	1.85	-	43.07	9.37	32.06