



FCC RADIO TEST REPORT

FCC ID : 2ADZRBGW320
Equipment : BGW320-505 Wireless Integrated ONT
Residential Gateway
Brand Name : Nokia
Model Name : BGW320-505
Applicant : Nokia Shanghai Bell Co. Ltd.
No. 388, Ningqiao Rd. Pilot Free Trade Zone
Shanghai , China 201206
Manufacturer : Nokia Shanghai Bell Co. Ltd.
No. 388, Ningqiao Rd. Pilot Free Trade Zone
Shanghai , China 201206
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 27, 2020, and testing was started from Feb. 27, 2020 and completed on Apr. 28, 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 Ver1.1



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: Wendy Pan



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), ax (HEW20)	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), ax (HEW40)	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), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11n HT20	20	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX, 3TX, 4TX
5.15-5.25GHz	802.11ac VHT20	20	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX, 3TX, 4TX
5.15-5.25GHz	802.11ax HEW20	20	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX, 3TX, 4TX
5.15-5.25GHz	802.11n HT40	40	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX, 3TX, 4TX
5.15-5.25GHz	802.11ac VHT40	40	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX, 3TX, 4TX
5.15-5.25GHz	802.11ax HEW40	40	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX, 3TX, 4TX
5.15-5.25GHz	802.11ac VHT80	80	1TX, 2TX, 3TX, 4TX



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX, 3TX, 4TX
5.15-5.25GHz	802.11ax HEW80	80	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX, 3TX, 4TX
5.15-5.25GHz	802.11ac VHT160	160	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11ac VHT160-BF	160	2TX, 3TX, 4TX
5.15-5.25GHz	802.11ax HEW160	160	1TX, 2TX, 3TX, 4TX
5.15-5.25GHz	802.11ax HEW160-BF	160	2TX, 3TX, 4TX
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX, 3TX, 4TX
5.25-5.35GHz	802.11ac VHT20	20	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX, 3TX, 4TX
5.25-5.35GHz	802.11ax HEW20	20	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX, 3TX, 4TX
5.25-5.35GHz	802.11n HT40	40	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX, 3TX, 4TX
5.25-5.35GHz	802.11ac VHT40	40	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX, 3TX, 4TX
5.25-5.35GHz	802.11ax HEW40	40	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX, 3TX, 4TX
5.25-5.35GHz	802.11ac VHT80	80	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX, 3TX, 4TX
5.25-5.35GHz	802.11ax HEW80	80	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX, 3TX, 4TX
5.25-5.35GHz	802.11ac VHT160	160	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11ac VHT160-BF	160	2TX, 3TX, 4TX
5.25-5.35GHz	802.11ax HEW160	160	1TX, 2TX, 3TX, 4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	2TX, 3TX, 4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX, 3TX, 4TX
5.47-5.725GHz	802.11ac VHT20	20	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX, 3TX, 4TX
5.47-5.725GHz	802.11ax HEW20	20	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX, 3TX, 4TX
5.47-5.725GHz	802.11n HT40	40	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11n HT40-BF	40	2TX, 3TX, 4TX
5.47-5.725GHz	802.11ac VHT40	40	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX, 3TX, 4TX
5.47-5.725GHz	802.11ax HEW40	40	1TX, 2TX, 3TX, 4TX



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX, 3TX, 4TX
5.47-5.725GHz	802.11ac VHT80	80	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX, 3TX, 4TX
5.47-5.725GHz	802.11ax HEW80	80	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX, 3TX, 4TX
5.47-5.725GHz	802.11ac VHT160	160	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	2TX, 3TX, 4TX
5.47-5.725GHz	802.11ax HEW160	160	1TX, 2TX, 3TX, 4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	2TX, 3TX, 4TX
5.725-5.85GHz	802.11a	20	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11n HT20	20	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX, 3TX, 4TX
5.725-5.85GHz	802.11ac VHT20	20	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX, 3TX, 4TX
5.725-5.85GHz	802.11ax HEW20	20	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX, 3TX, 4TX
5.725-5.85GHz	802.11n HT40	40	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX, 3TX, 4TX
5.725-5.85GHz	802.11ac VHT40	40	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX, 3TX, 4TX
5.725-5.85GHz	802.11ax HEW40	40	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX, 3TX, 4TX
5.725-5.85GHz	802.11ac VHT80	80	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX, 3TX, 4TX
5.725-5.85GHz	802.11ax HEW80	80	1TX, 2TX, 3TX, 4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX, 3TX, 4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.


1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Airgain	N2430ARJYW Rev A-PK1-L-G1X165BUR2	PCB	I-PEX	Note 1
2	Airgain	N2430ARHYN Rev A-PK1-L-Y1X140BUR2	PCB	I-PEX	
3	Airgain	N2435ARHYN Rev A-PK1-L-B1X155BU	PCB	I-PEX	
4	Airgain	N2420ARHYW Rev A-PK1-L-A1X195BU	PCB	I-PEX	
5	Airgain	N5X20QSYN Rev A-PK1-L-B50UR2	PCB	I-PEX	
6	Airgain	N5X20QSYE Rev A-PK1-L-A55UR2	PCB	I-PEX	
7	Airgain	N5X20QSYN Rev A-PK1-L-Y1X190BU	PCB	I-PEX	
8	Airgain	N5X20QSYE Rev A-PK1-L-G1X160BU	PCB	I-PEX	
9	Airgain	N5X20HGHC Rev A-PK1-L-R1X1058U	PCB	I-PEX	

Note 1:

Ant.	2.4GHz Port				5GHz Port				Gain (dBi) 1TX mode for output power, PSD CDD mode for output power				
	1TX	2TX	3TX	4TX	1TX	2TX	3TX	4TX	2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
	1TX	2TX	3TX	4TX	1TX	2TX	3TX	4TX	2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
1	4	4	4	4	1	1	1	1	4.9	5.8	6	-	-
2	3	3	3	3	2	2	2	2					
3	2	2	2	2	3	3	3	3					
4	1	1	1	1	4	4	4	4					
5	-	-	-	-	1	1	1	1	-	-	-	5.1	4.7
6	-	-	-	-	2	2	2	2					
7	-	-	-	-	3	3	3	3					
8	-	-	-	-	4	4	4	4					
9	-	-	-	-	RX only	-	-	-	-	3.9	3.4	4.6	4.2

Ant.	Gain (dBi) CDD mode for PSD Beamforming mode, SDM Mode for output power & PSD											
	2.4GHz				5GHz Band 1		5GHz Band 2		5GHz Band 3		5GHz Band 4	
	3T1S/ 3T2S	3T3S	4T1S/ 4T2S	4T3S	4T1S/ 4T2S	4T3S	4T1S/ 4T2S	4T3S	4T1S/ 4T2S	4T3S	4T1S/ 4T2S	4T3S
	3T1S/ 3T2S	3T3S	4T1S/ 4T2S	4T3S	4T1S/ 4T2S	4T3S	4T1S/ 4T2S	4T3S	4T1S/ 4T2S	4T3S	4T1S/ 4T2S	4T3S
1	4.2	2.3	4.8	3.1	4.7	3.8	4.2	2.8	-	-	-	-
2												
3												
4												
5	-	-	-	-	-	-	-	-	5.1	4.3	5	3.8
6												
7												
8												
9	-	-	-	-	3.9		3.4		4.6		4.2	



Note 2: The above information was declared by manufacturer.

Note 3: The EUT has nine antennas.

Note 4:

For 2.4GHz function:

For IEEE 802.11b (1TX, 4TX/4RX):

For 1TX

Only Port 1 can be used as transmitting antenna.

For 4TX, 4RX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.

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

For IEEE 802.11g (4TX/4RX):

Port 1, Port 2, Pot 3 and Port 4 can be used as transmitting/receiving antenna.

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

For IEEE 802.11n/VHT/ax (1TX, 2TX, 3TX, 4TX/4RX):

For 1TX

The EUT supports all antennas with TX diversity functions.

At once time there is only one antenna port can transmitting RF signal

For 2TX

The EUT supports all antennas with TX diversity functions.

At once time there are only two antenna port can transmitting RF signal

For 3TX

The EUT supports all antennas with TX diversity functions.

At once time there are only three antenna port can transmitting RF signal

The Port 2, Port 3 and Port 4 generated the worst case, so it was selected to test and record in the report.

For 4TX, 4RX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.

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

For 5GHz function:

For IEEE 802.11a (4TX/4RX):

Port 1, Port 2, Pot 3 and Port 4 can be used as transmitting/receiving antenna.

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

For IEEE 802.11n/ac/ax (1TX, 2TX, 3TX, 4TX/4RX):

For 1TX

The EUT supports all antennas with TX diversity functions.

At once time there is only one antenna port can transmitting RF signal

For 2TX

The EUT supports all antennas with TX diversity functions.

At once time there are only two antenna port can transmitting RF signal

For 3TX

The EUT supports all antennas with TX diversity functions.

At once time there are only three antenna port can transmitting RF signal

For 4TX, 4RX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.

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

For IEEE 802.11n/ac/ax (1RX):

Ant.9 can be use as receiving antenna only.

**1.1.3 EUT Operational Condition**

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
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	accessMTool v3.1.02 、Telnet v6.1.7601			

Note: The above information was declared by manufacturer.

1.1.4 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR912114AB & FR912114-01

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

Modifications	Performance Checking
Remove the filter on front of the 5G Low/high band PA.	1.Maximum Conducted Output Power. For Non beamforming 802.11ax HEW160: 5250MHz For beamforming 802.11ax HEW80: 5775MHz 2.Unwanted Emissions below 1GHz. 3.Unwanted Emissions above 1GHz. For Non beamforming 802.11ax HEW20: 5180, 5320, 5700MHz 802.11ac VHT40: 5550MHz 802.11ax HEW160: 5250, 5570MHz For beamforming 802.11ax HEW20: 5240MHz 802.11ax HEW40: 5190, 5310, 5510, 5670, 5755MHz 802.11ax HEW80: 5210, 5290, 5530, 5775MHz

Note: 1.Above test modes have been generated the worst case from original. Consequently, measurement will follow this same test mode.

2.The test modes will be based on original output power to re-test except nonbeamforming 802.11ax HEW160, beamforming 802.11ax HEW80: 5775MHz.

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

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Owen Hsu	24.5-26.4°C / 60-66 %	Feb. 28, 2020
Radiated<1GHz	03CH05-CB	Andy Zou	21.6-22.5°C / 55-60 %	Apr. 28, 2020
Radiated>1GHz	03CH06-CB	Andy Zou	20-21.3°C / 58-63%	Feb. 27, 2020 ~ Feb. 28, 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 (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

<non-beamforming mode> 4T1S

Mode	PowerSetting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	84
5320MHz	73
5700MHz	65
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5550MHz	72
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	44
5250MHz	44
5570MHz	67

<beamforming mode> 4T1S

Mode	PowerSetting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5240MHz	98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	70
5310MHz	72
5510MHz	69
5670MHz	71
5755MHz	96
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	66
5290MHz	71
5530MHz	71
5775MHz	77

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
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:

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 "LanTest20" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.



2.4 Accessories

Accessories				
No.	Equipment Name	Brand Name	Model Name	Rating
1	Adapter	DIRECTV	EPS48R0-16	Input: 120V~1.1A, 60Hz Output: 12V, 4A, 48W

2.5 Support Equipment

For Radiated (below 1GHz):

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

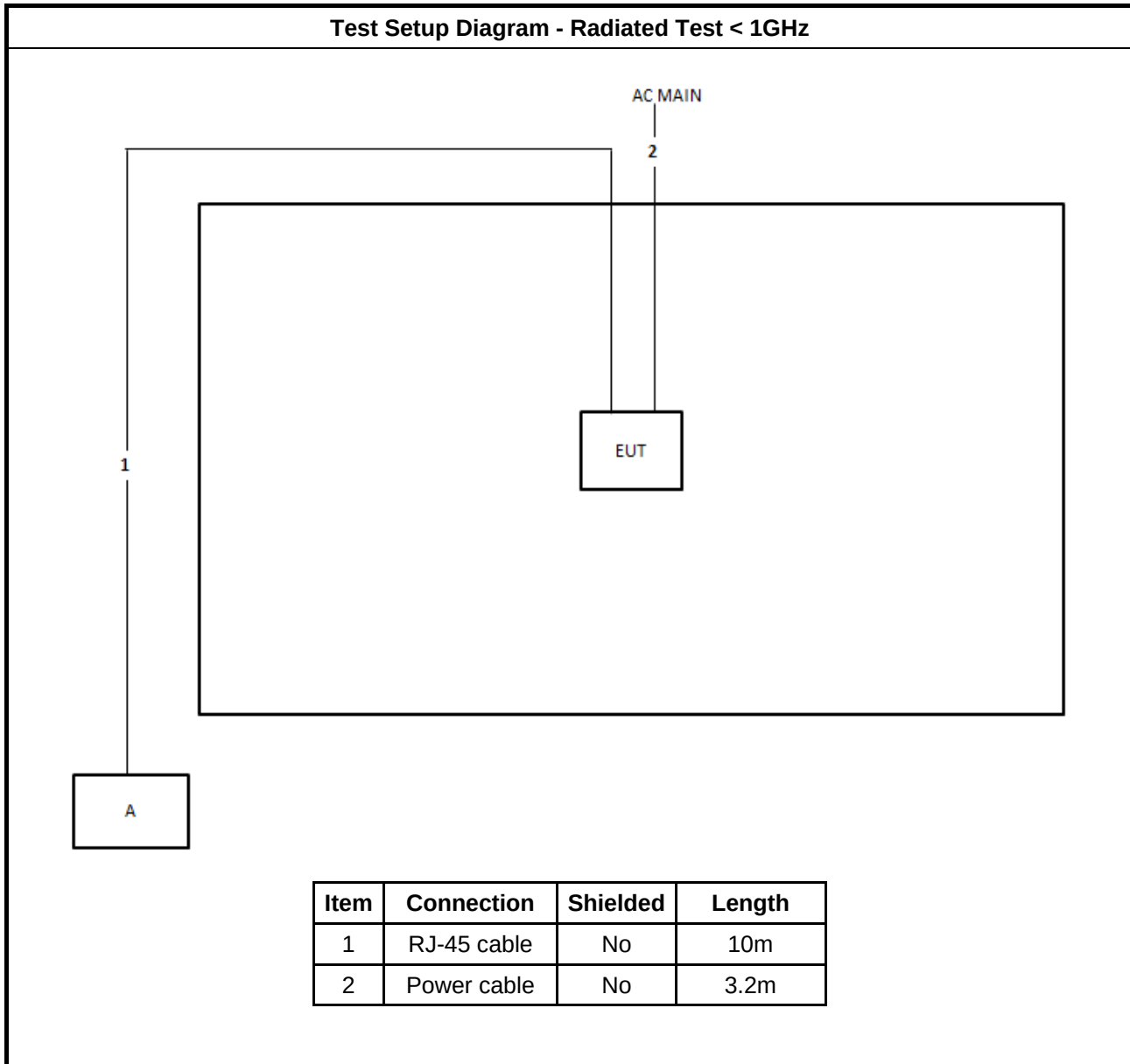
**For Radiated (above 1GHz) and RF Conducted test:
<non-beamforming mode>**

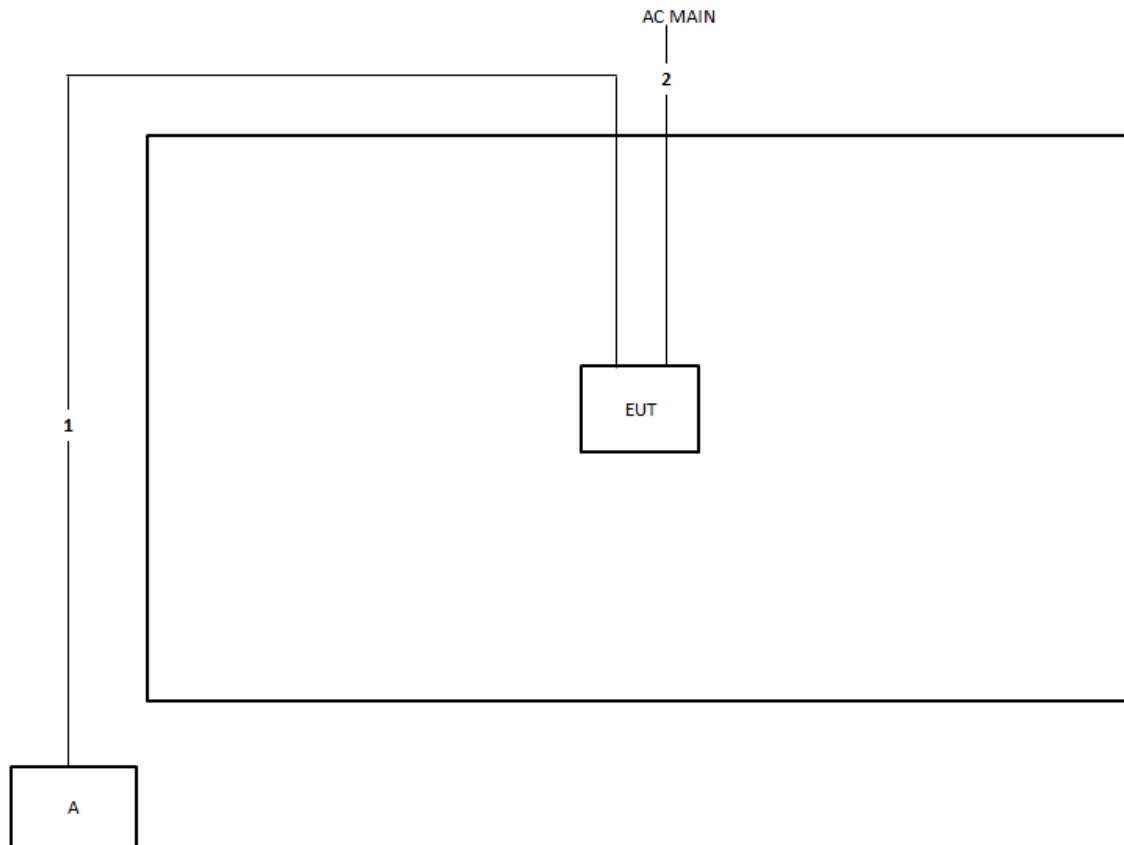
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

<beamforming mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
C	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram

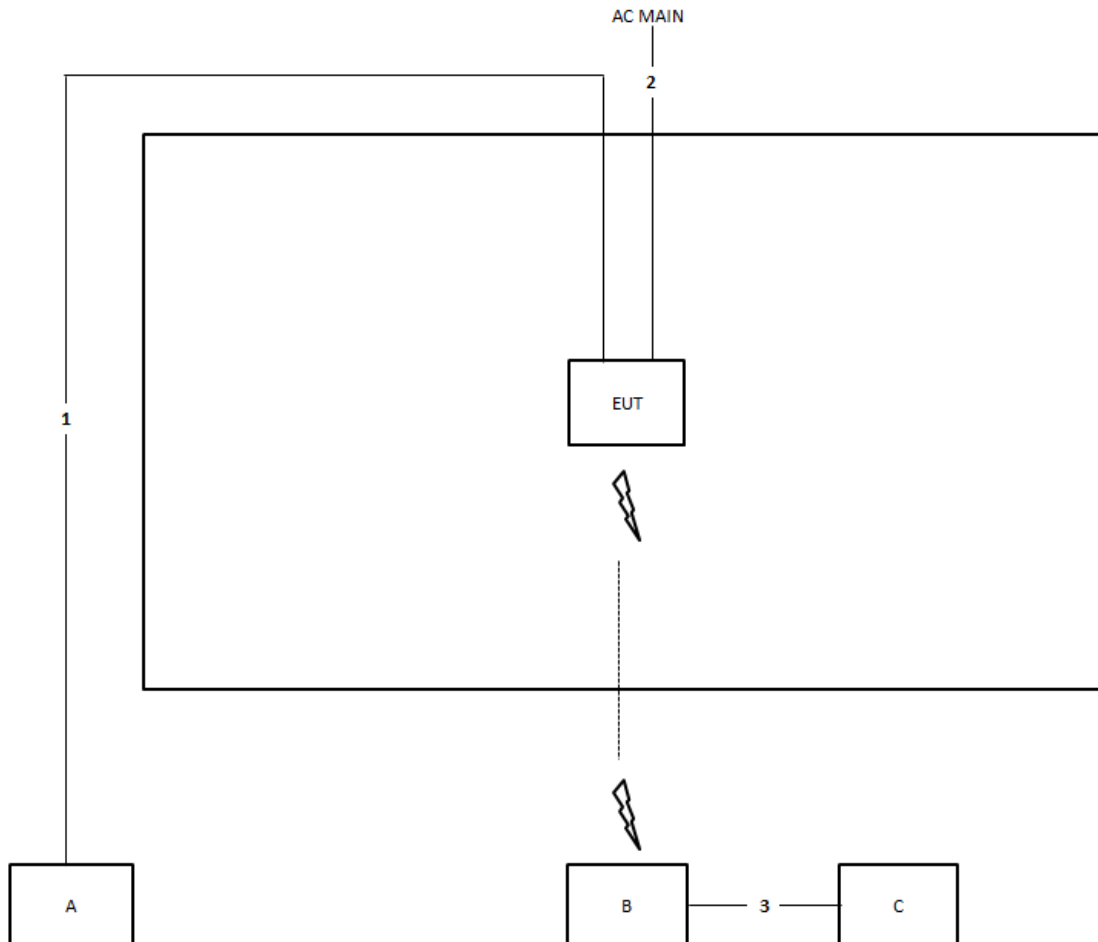


Test Setup Diagram - Radiated Test > 1GHz
<For Non-Beamforming Mode>


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	3.2m

Test Setup Diagram - Radiated Test > 1GHz

<For Beamforming Mode>



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	3.2m
3	RJ-45 cable	No	1.5m

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

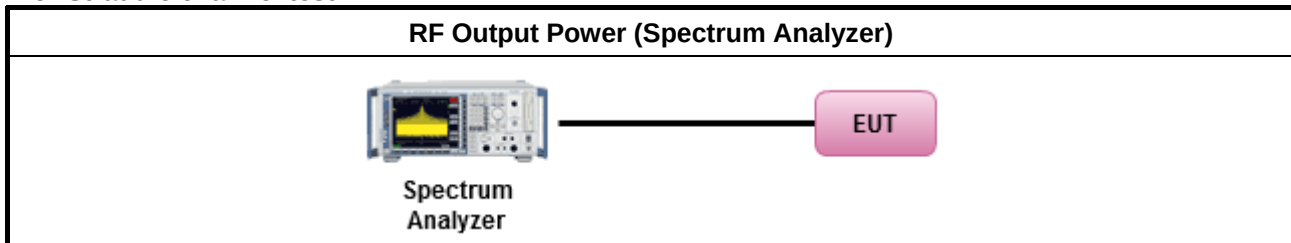
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

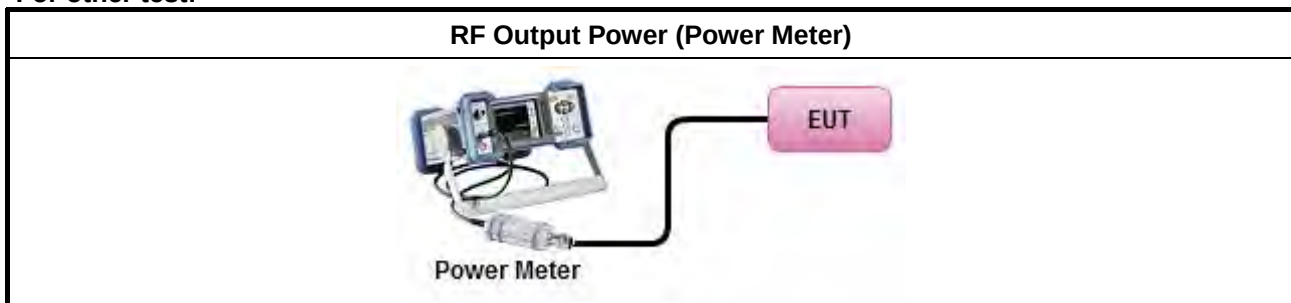
Test Method	
Maximum Conducted Output Power	
Average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off 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 test:



For other test:



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.

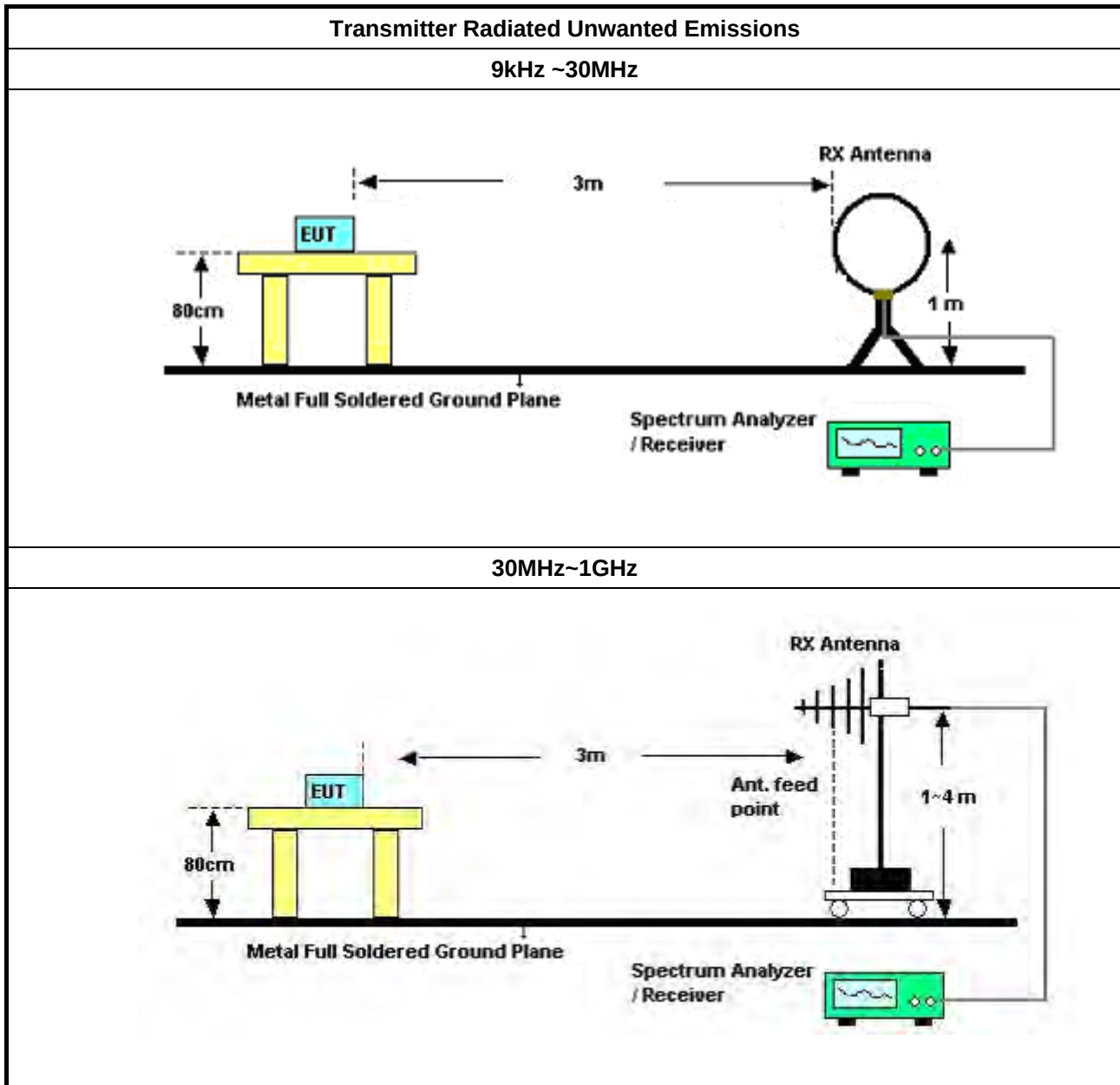
3.2.3 Test Procedures

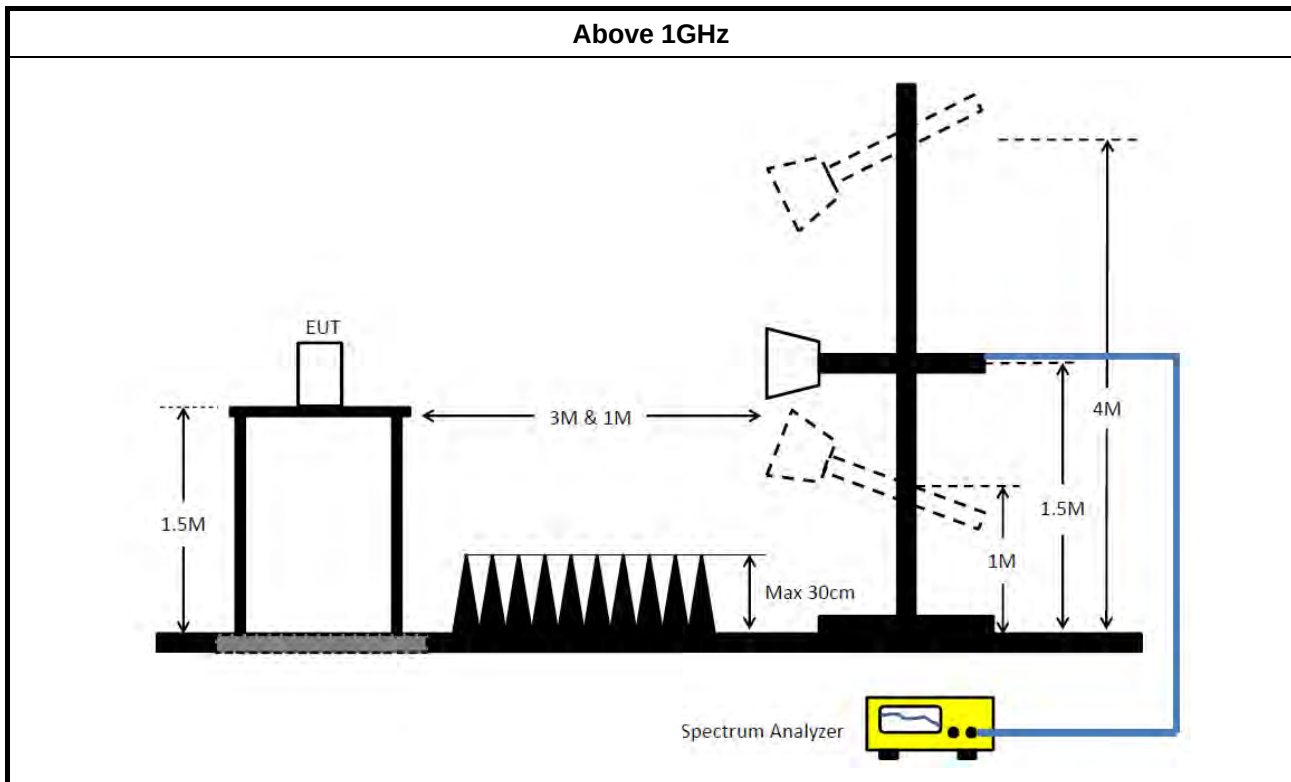
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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.



Test Method	
▪ 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 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.2.7 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
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 17, 2019	Jul. 16, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 08, 2019	May 07, 2020	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz ~26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	16.29	0.042560.
802.11ax HEW160_Nss1,(MCS0)_4TX		
5.25-5.35GHz	16.07	0.040458

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.80	9.89	10.07	10.34	10.73	16.29	30.00
5250MHz	Pass	6.00	9.72	9.71	10.60	10.11	16.07	23.98

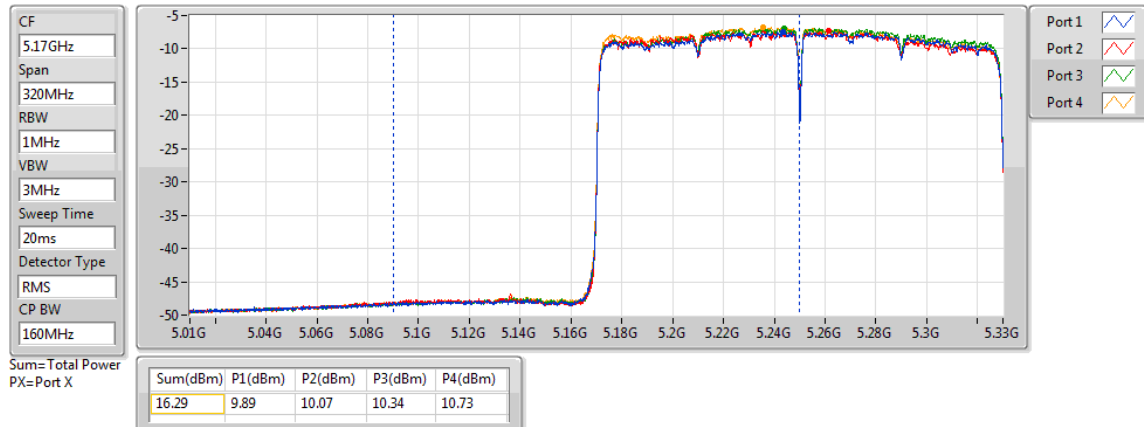
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/02/2020

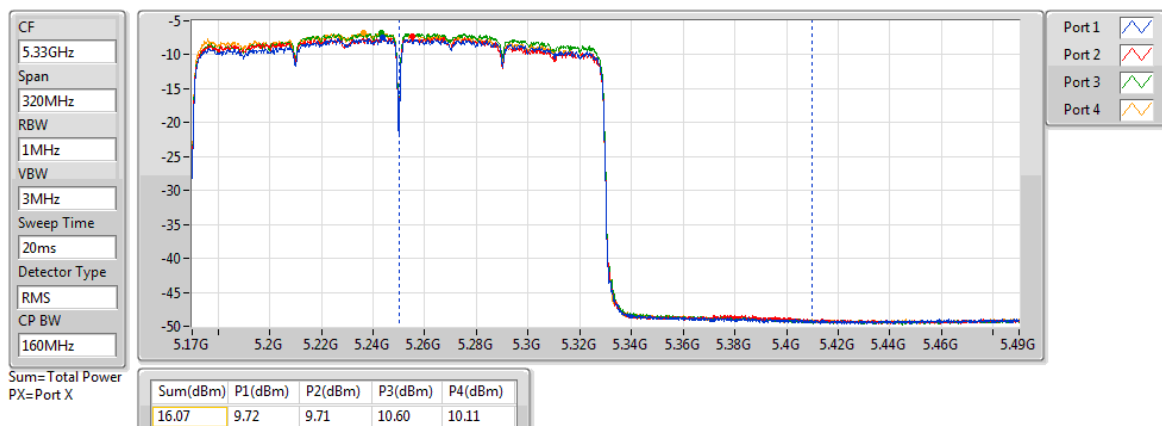


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

28/02/2020



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.46	0.44258

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.00	20.28	20.65	20.24	20.57	26.46	30.00

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

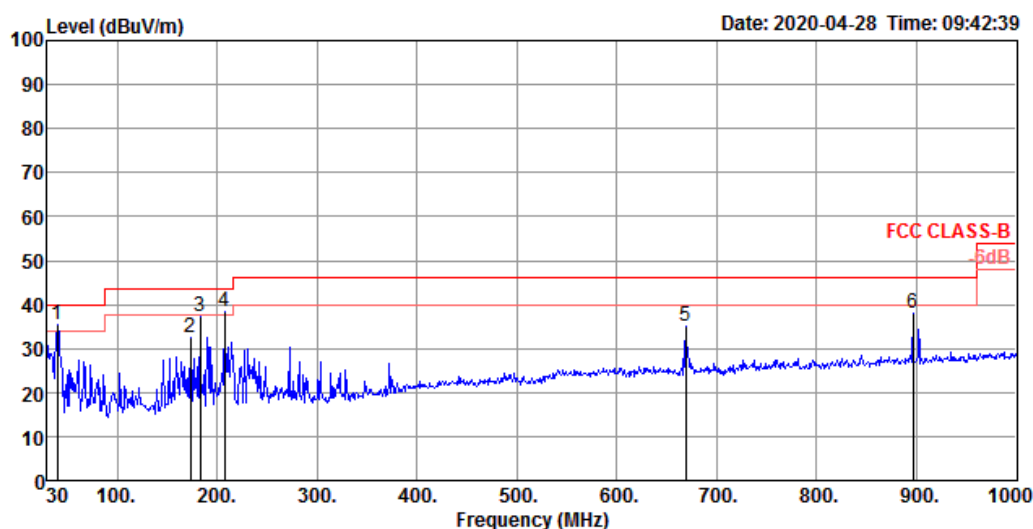


Radiated Emission below 1GHz Result

Appendix B.1

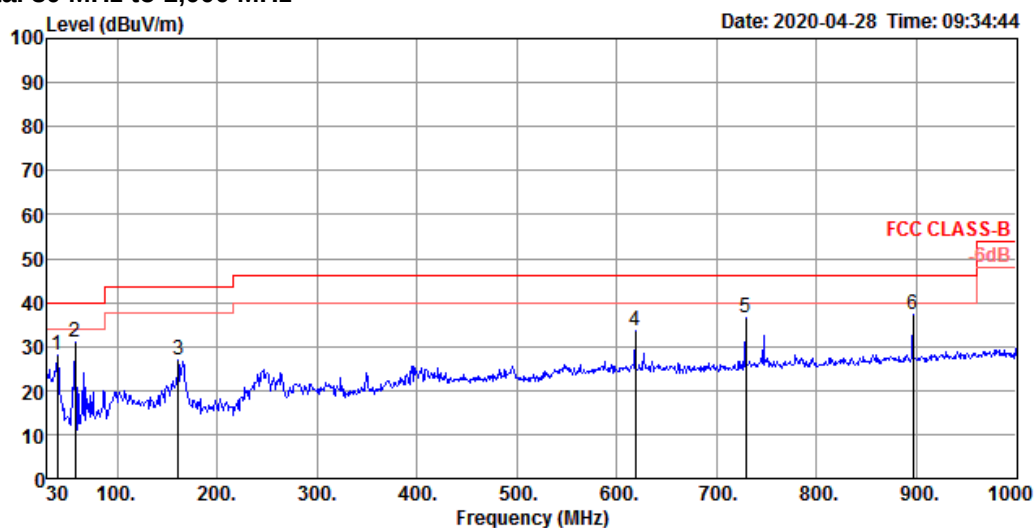
Test Mode	Mode 1	Frequency Range	30 MHz to 1,000 MHz
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Vertical 30 MHz to 1,000 MHz



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	39.70	35.30	40.00	-4.70	46.20	1.39	19.22	31.51	150	359	Peak VERTICAL
2	173.56	32.39	43.50	-11.11	47.02	1.87	15.44	31.94	300	116	Peak VERTICAL
3	183.26	37.32	43.50	-6.18	52.35	1.92	15.03	31.98	300	110	Peak VERTICAL
4	207.51	38.47	43.50	-5.03	53.64	2.03	14.76	31.96	300	97	Peak VERTICAL
5	669.23	35.17	46.00	-10.83	39.59	3.68	24.42	32.52	100	360	Peak VERTICAL
6	896.21	37.87	46.00	-8.13	39.82	4.57	25.89	32.41	200	144	Peak VERTICAL

Horizontal 30 MHz to 1,000 MHz



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	39.70	28.02	40.00	-11.98	38.92	1.39	19.22	31.51	150	51 Peak	HORIZONTAL
2	58.13	30.91	40.00	-9.09	48.77	1.16	12.81	31.83	125	244 Peak	HORIZONTAL
3	160.95	26.80	43.50	-16.70	39.89	1.81	16.93	31.83	150	168 Peak	HORIZONTAL
4	618.79	33.44	46.00	-12.56	38.05	3.54	24.24	32.39	100	5 Peak	HORIZONTAL
5	729.37	36.58	46.00	-9.42	40.23	3.92	24.82	32.39	100	340 Peak	HORIZONTAL
6	896.21	37.17	46.00	-8.83	39.12	4.57	25.89	32.41	300	71 Peak	HORIZONTAL



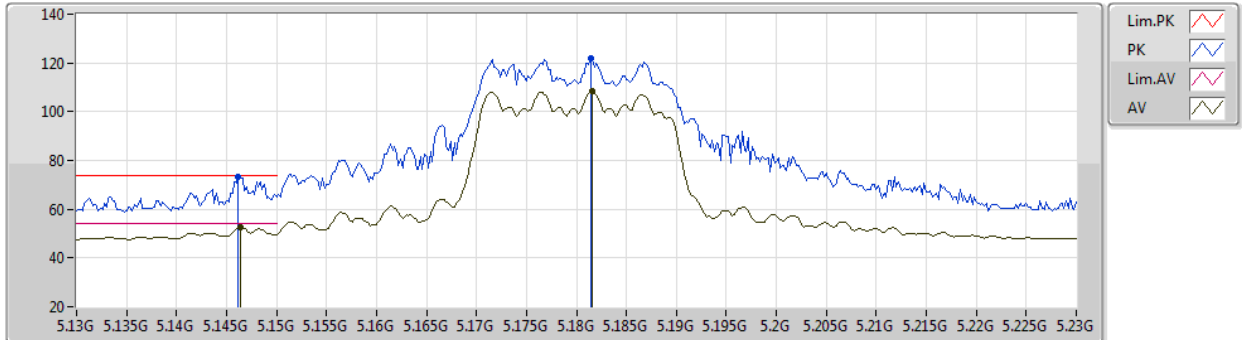
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.3564G	53.97	54.00	-0.03	3	Vertical	40	1.80	-

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5180MHz_TX

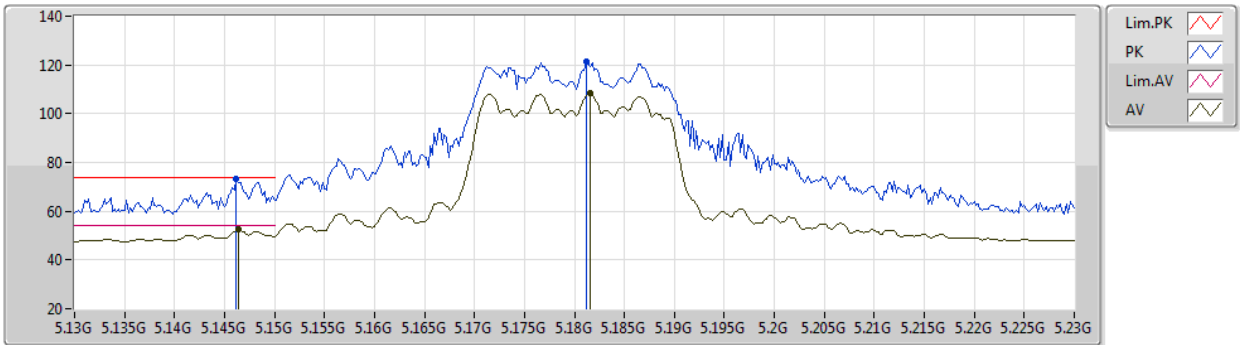

EUT Y_4TX
Setting 83
03-A-A-10

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	5.1462G	73.33	74.00	-0.67	67.32	3	Vertical	306	2.45	-	34.05	6.73	34.77
AV	5.1464G	52.39	54.00	-1.61	46.38	3	Vertical	306	2.45	-	34.05	6.73	34.77
PK	5.1814G	121.70	Inf	-Inf	115.66	3	Vertical	306	2.45	-	34.08	6.76	34.80
AV	5.1816G	108.20	Inf	-Inf	102.16	3	Vertical	306	2.45	-	34.08	6.76	34.80

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5180MHz_TX



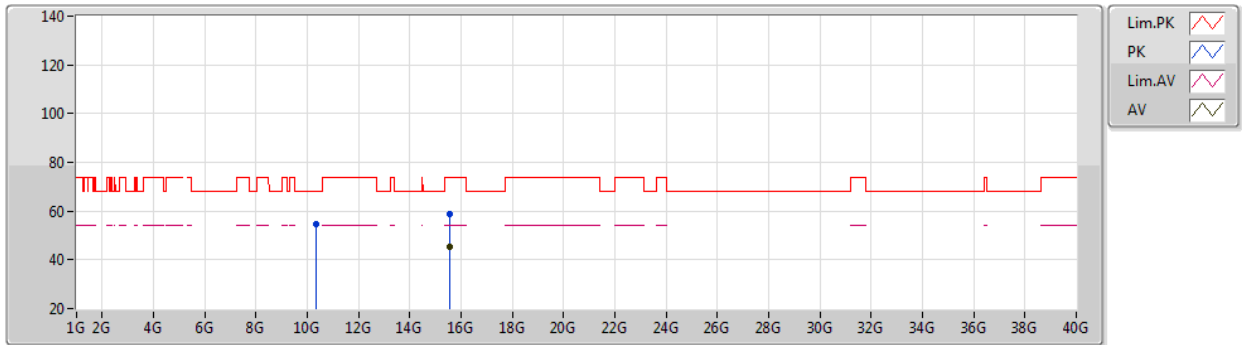
EUT Y_4TX
Setting 83
03-A-A-10

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	5.1462G	73.12	74.00	-0.88	67.11	3	Horizontal	306	2.47	-	34.05	6.73	34.77
AV	5.1464G	52.53	54.00	-1.47	46.52	3	Horizontal	306	2.47	-	34.05	6.73	34.77
PK	5.1812G	121.52	Inf	-Inf	115.48	3	Horizontal	306	2.47	-	34.08	6.76	34.80
AV	5.1816G	108.23	Inf	-Inf	102.19	3	Horizontal	306	2.47	-	34.08	6.76	34.80

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5180MHz_TX



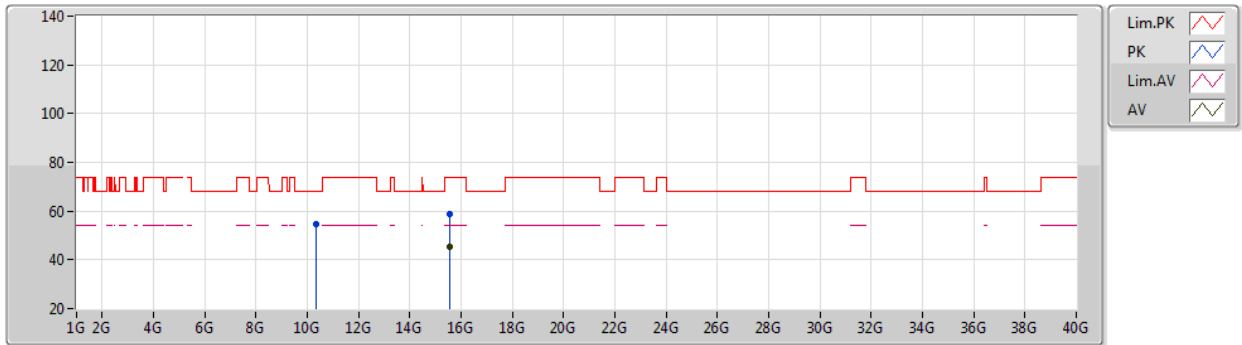
EUT Y_4TX
Setting 83
03-A-A-10

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	10.36232G	54.83	68.20	-13.37	41.44	3	Vertical	48	1.89	-	38.37	10.00	34.98
PK	15.54164G	58.80	74.00	-15.20	43.09	3	Vertical	36	2.42	-	38.88	11.63	34.80
AV	15.54169G	45.19	54.00	-8.81	29.49	3	Vertical	36	2.42	-	38.87	11.63	34.80

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5180MHz_TX



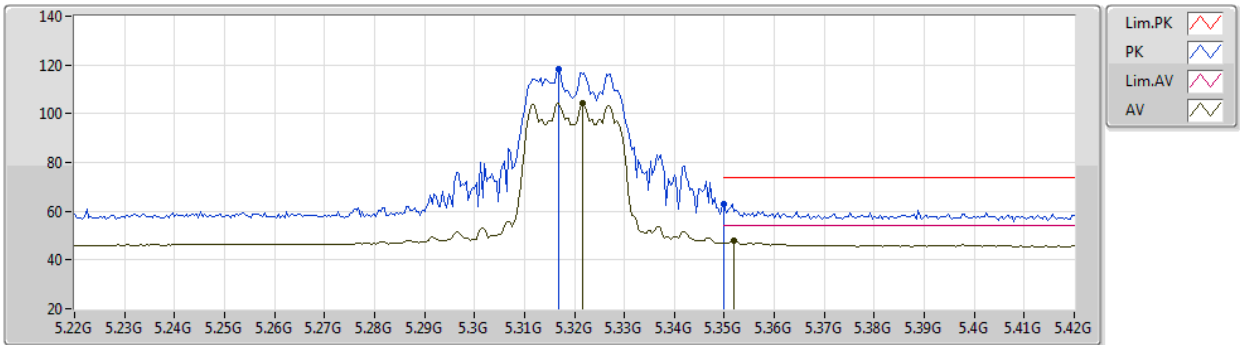
EUT Y_4TX
Setting 83
03-A-A-10

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	10.36177G	54.52	68.20	-13.68	41.13	3	Horizontal	244	1.61	-	38.37	10.00	34.98
PK	15.53776G	58.92	74.00	-15.08	43.21	3	Horizontal	27	1.70	-	38.89	11.62	34.80
AV	15.542G	45.23	54.00	-8.77	29.53	3	Horizontal	27	1.70	-	38.87	11.63	34.80

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5320MHz_TX



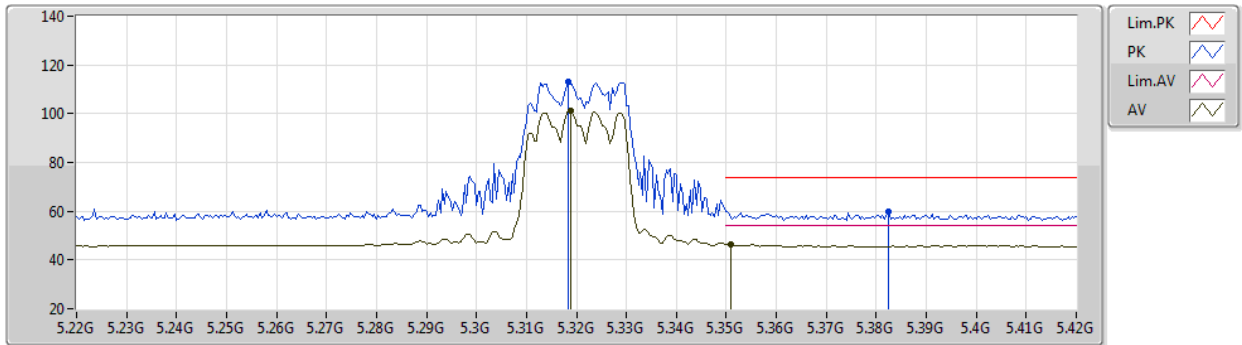
EUT Y_4TX
Setting 71
03-A-A-10

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	118.19	Inf	-Inf	111.89	3	Vertical	307	2.40	-	34.32	6.87	34.89
AV	5.3216G	104.28	Inf	-Inf	97.98	3	Vertical	307	2.40	-	34.32	6.88	34.90
PK	5.35G	62.98	74.00	-11.02	56.65	3	Vertical	307	2.40	-	34.35	6.90	34.92
AV	5.352G	47.82	54.00	-6.18	41.49	3	Vertical	307	2.40	-	34.35	6.90	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5320MHz_TX

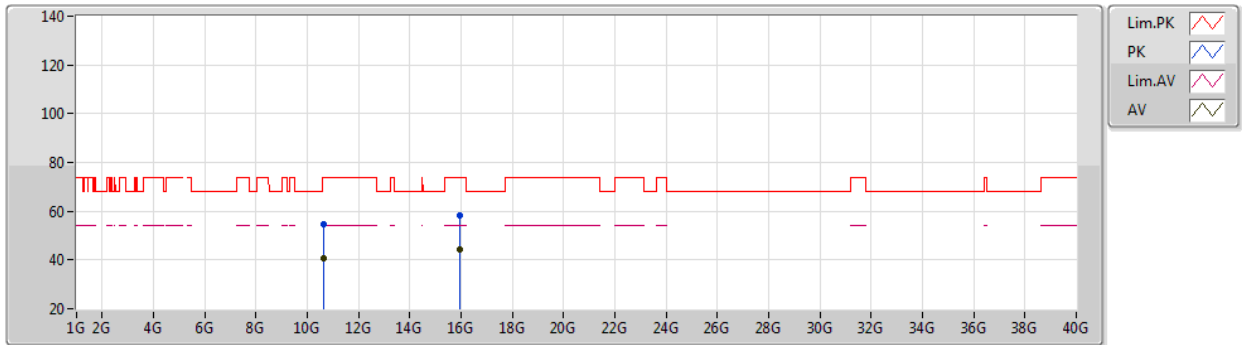

EUT Y_4TX
Setting 71
03-A-A-10

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	5.3184G	113.08	Inf	-Inf	106.78	3	Horizontal	66	2.78	-	34.32	6.87	34.89
AV	5.3188G	101.41	Inf	-Inf	95.11	3	Horizontal	66	2.78	-	34.32	6.87	34.89
PK	5.3824G	59.64	74.00	-14.36	53.28	3	Horizontal	66	2.78	-	34.38	6.92	34.94
AV	5.3508G	46.37	54.00	-7.63	40.04	3	Horizontal	66	2.78	-	34.35	6.90	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5320MHz_TX



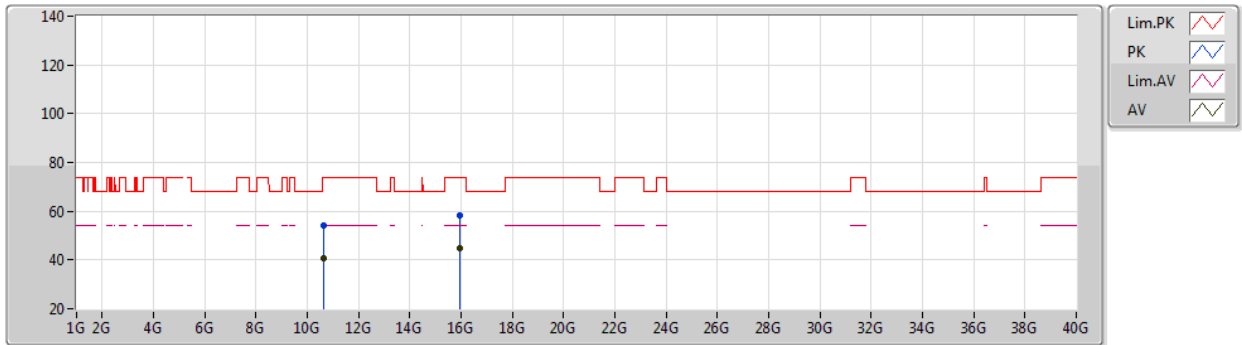
EUT Y_4TX
Setting 71
03-A-A-10

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	10.6294G	54.53	74.00	-19.47	40.88	3	Vertical	213	1.20	-	38.43	10.04	34.82
AV	10.6545G	40.81	54.00	-13.19	27.14	3	Vertical	213	1.20	-	38.43	10.04	34.80
PK	15.9359G	58.30	74.00	-15.70	44.01	3	Vertical	236	2.77	-	37.69	11.83	35.23
AV	15.935G	44.37	54.00	-9.63	30.08	3	Vertical	236	2.77	-	37.69	11.83	35.23

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5320MHz_TX



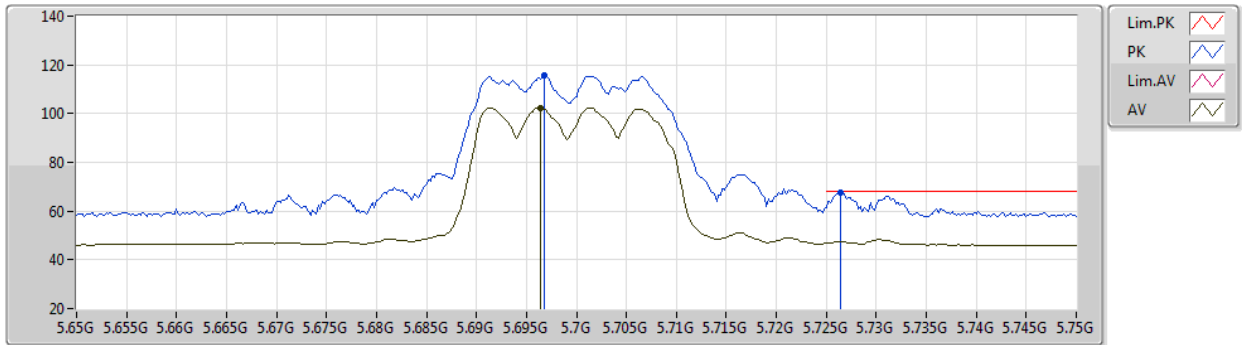
EUT Y_4TX
Setting 71
03-A-A-10

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	10.632G	54.24	74.00	-19.76	40.58	3	Horizontal	191	1.48	-	38.43	10.04	34.81
AV	10.6546G	40.71	54.00	-13.29	27.04	3	Horizontal	191	1.48	-	38.43	10.04	34.80
PK	15.9646G	58.21	74.00	-15.79	44.02	3	Horizontal	236	1.16	-	37.61	11.84	35.26
AV	15.9352G	44.89	54.00	-9.11	30.60	3	Horizontal	236	1.16	-	37.69	11.83	35.23

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5700MHz_TX



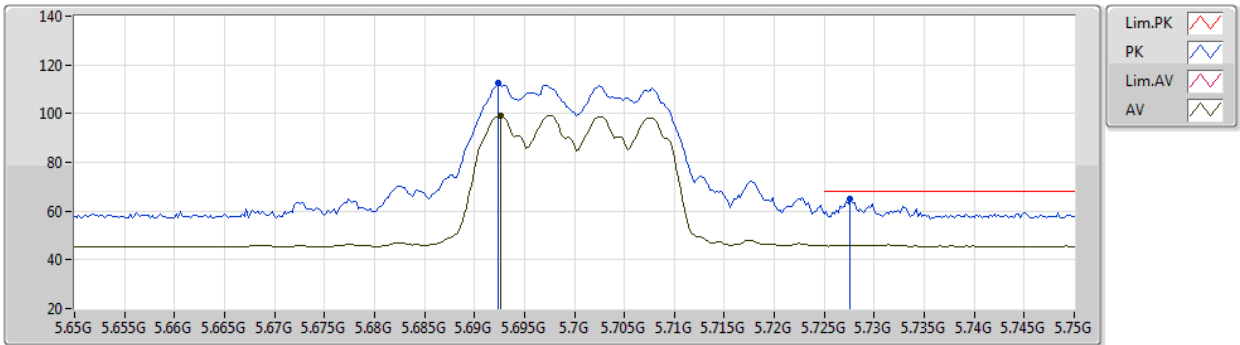
EUT Y_4TX
Setting 68
03-A-A-10

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	5.6968G	115.63	Inf	-Inf	109.25	3	Vertical	159	2.33	-	34.30	7.03	34.95
AV	5.6964G	102.45	Inf	-Inf	96.07	3	Vertical	159	2.33	-	34.30	7.03	34.95
PK	5.7264G	67.83	68.20	-0.37	61.44	3	Vertical	159	2.33	-	34.30	7.03	34.94

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5700MHz_TX



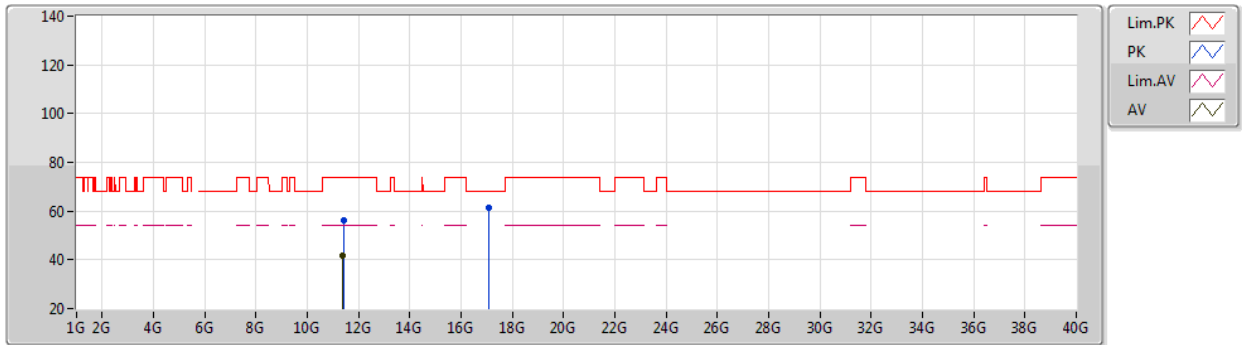
EUT Y_4TX
Setting 68
03-A-A-10

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	5.6924G	112.34	Inf	-Inf	105.95	3	Horizontal	95	2.92	-	34.31	7.03	34.95
AV	5.6926G	99.21	Inf	-Inf	92.82	3	Horizontal	95	2.92	-	34.31	7.03	34.95
PK	5.7276G	64.91	68.20	-3.29	58.52	3	Horizontal	95	2.92	-	34.30	7.03	34.94

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5700MHz_TX



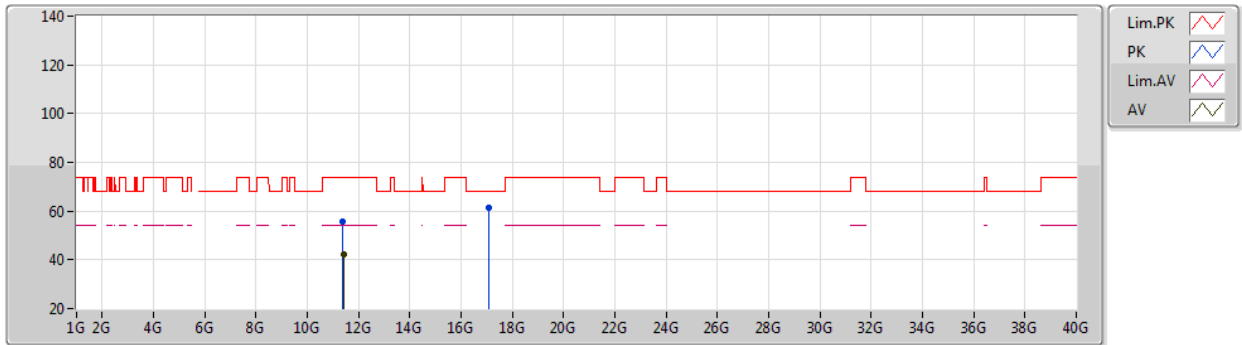
EUT Y_4TX
Setting 68
03-A-A-10

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	11.40496G	56.14	74.00	-17.86	41.87	3	Vertical	339	1.04	-	38.78	10.15	34.66
AV	11.39952G	41.95	54.00	-12.05	27.68	3	Vertical	339	1.04	-	38.78	10.15	34.66
PK	17.10112G	61.19	68.20	-7.01	43.30	3	Vertical	337	1.72	-	40.42	12.05	34.58

802.11ax HEW20_Nss1,(MCS0)_4TX

27/02/2020

5700MHz_TX



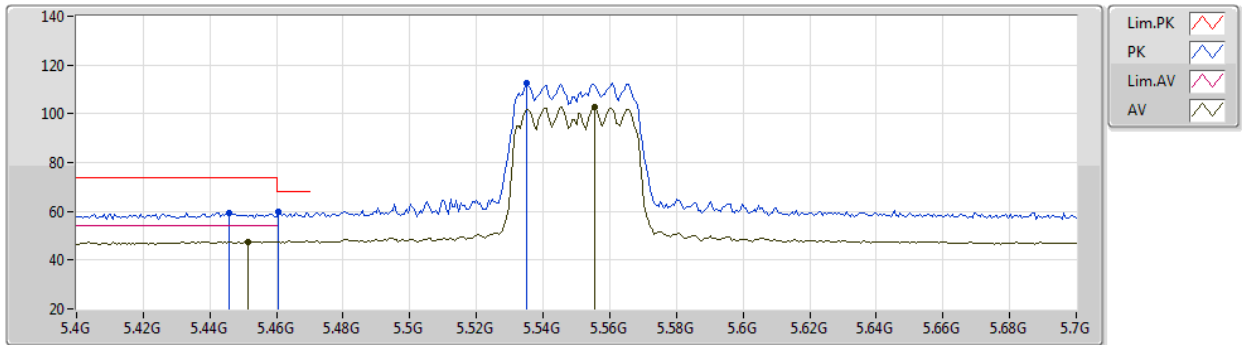
EUT Y_4TX
Setting 68
03-A-A-10

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	11.39676G	55.91	74.00	-18.09	41.64	3	Horizontal	304	1.00	-	38.78	10.15	34.66
AV	11.40176G	42.06	54.00	-11.94	27.79	3	Horizontal	304	1.00	-	38.78	10.15	34.66
PK	17.09624G	61.44	68.20	-6.76	43.58	3	Horizontal	88	2.73	-	40.39	12.05	34.58

802.11ac VHT40_Nss1,(MCS0)_4TX

27/02/2020

5550MHz_TX



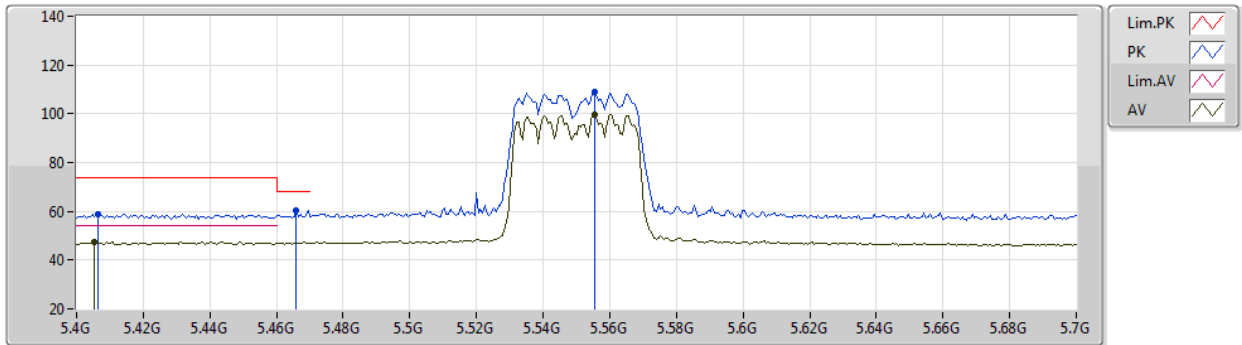
EUT Y_4TX
Setting 73
03-A-A-10

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	5.4456G	59.49	74.00	-14.51	53.05	3	Vertical	154	1.71	-	34.45	6.97	34.98	
AV	5.4516G	47.67	54.00	-6.33	41.23	3	Vertical	154	1.71	-	34.45	6.97	34.98	
PK	5.4606G	59.74	68.20	-8.46	53.29	3	Vertical	154	1.71	-	34.46	6.98	34.99	
PK	5.535G	112.41	Inf	-Inf	105.94	3	Vertical	154	1.71	-	34.46	7.01	35.00	
AV	5.554G	102.82	Inf	-Inf	96.35	3	Vertical	154	1.71	-	34.44	7.02	34.99	

802.11ac VHT40_Nss1,(MCS0)_4TX

27/02/2020

5550MHz_TX



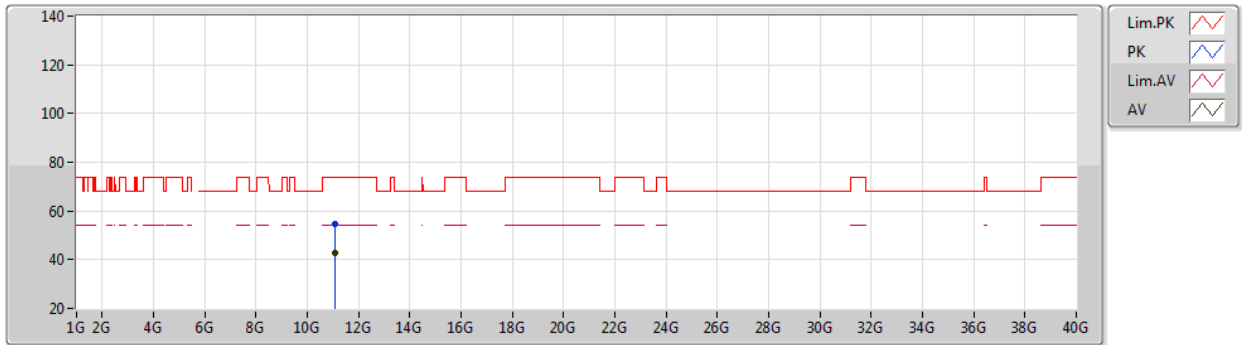
EUT Y_4TX
Setting 73
03-A-A-10

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	5.4066G	58.95	74.00	-15.05	52.55	3	Horizontal	164	2.15	-	34.41	6.94	34.95	
AV	5.4054G	47.33	54.00	-6.67	40.94	3	Horizontal	164	2.15	-	34.41	6.93	34.95	
PK	5.466G	60.39	68.20	-7.81	53.93	3	Horizontal	164	2.15	-	34.47	6.98	34.99	
PK	5.5554G	108.82	Inf	-Inf	102.35	3	Horizontal	164	2.15	-	34.44	7.02	34.99	
AV	5.5554G	99.81	Inf	-Inf	93.34	3	Horizontal	164	2.15	-	34.44	7.02	34.99	

802.11ac VHT40_Nss1,(MCS0)_4TX

27/02/2020

5550MHz_TX



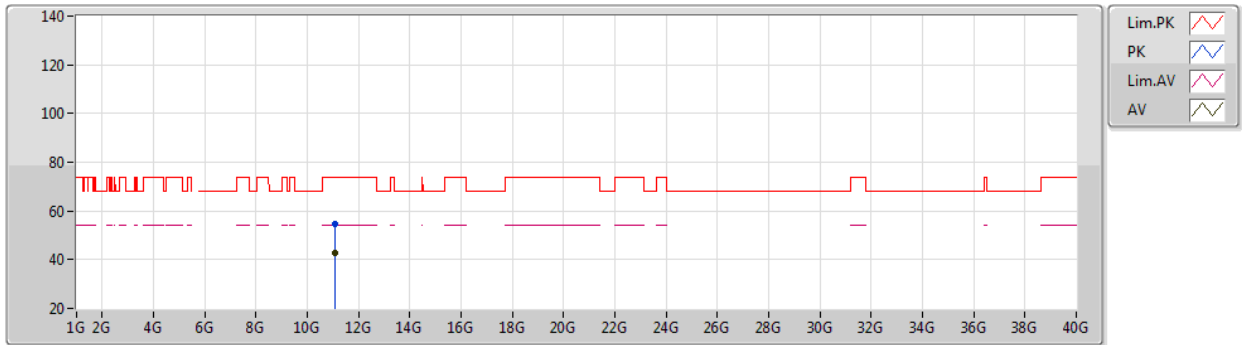
EUT_V_4TX
Setting 73
03-A-A-10

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	11.1G	54.80	74.00	-19.20	40.73	3	Vertical	12	1.60	-	38.57	10.11	34.61
AV	11.1G	42.67	54.00	-11.33	28.60	3	Vertical	12	1.60	-	38.57	10.11	34.61

802.11ac VHT40_Nss1,(MCS0)_4TX

27/02/2020

5550MHz_TX



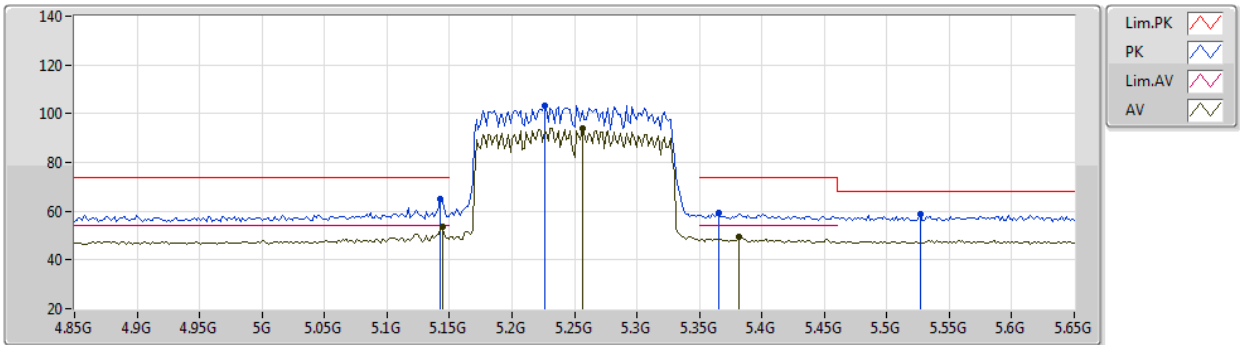
EUT V_4TX
Setting 73
03-A-A-10

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	11.1G	54.88	74.00	-19.12	40.81	3	Horizontal	242	2.19	-	38.57	10.11	34.61
AV	11.1G	42.77	54.00	-11.23	28.70	3	Horizontal	242	2.19	-	38.57	10.11	34.61

802.11ax HEW160_Nss1,(MCS0)_4TX

27/02/2020

5250MHz Straddle 5.25-5.35GHz_TX



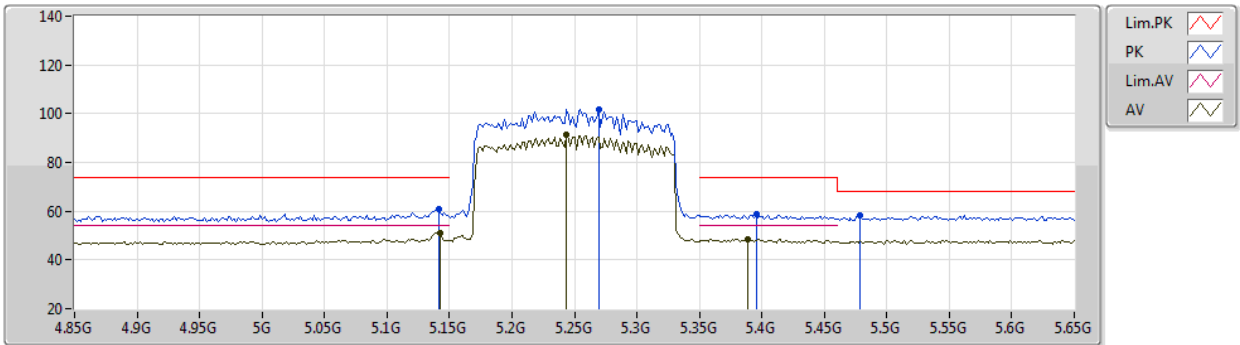
EUT Y_4TX
Setting 44
03-A-A-10

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	5.1428G	65.16	74.00	-8.84	59.16	3	Vertical	305	2.37	-	34.04	6.73	34.77
AV	5.1444G	53.80	54.00	-0.20	47.80	3	Vertical	305	2.37	-	34.04	6.73	34.77
PK	5.226G	103.39	Inf	-Inf	97.28	3	Vertical	305	2.37	-	34.15	6.79	34.83
AV	5.2564G	93.83	Inf	-Inf	87.65	3	Vertical	305	2.37	-	34.21	6.82	34.85
PK	5.3652G	59.32	74.00	-14.68	52.97	3	Vertical	305	2.37	-	34.37	6.91	34.93
AV	5.3812G	49.65	54.00	-4.35	43.29	3	Vertical	305	2.37	-	34.38	6.92	34.94
PK	5.5268G	58.65	68.20	-9.55	52.17	3	Vertical	305	2.37	-	34.47	7.01	35.00

802.11ax HEW160_Nss1,(MCS0)_4TX

27/02/2020

5250MHz Straddle 5.25-5.35GHz_TX



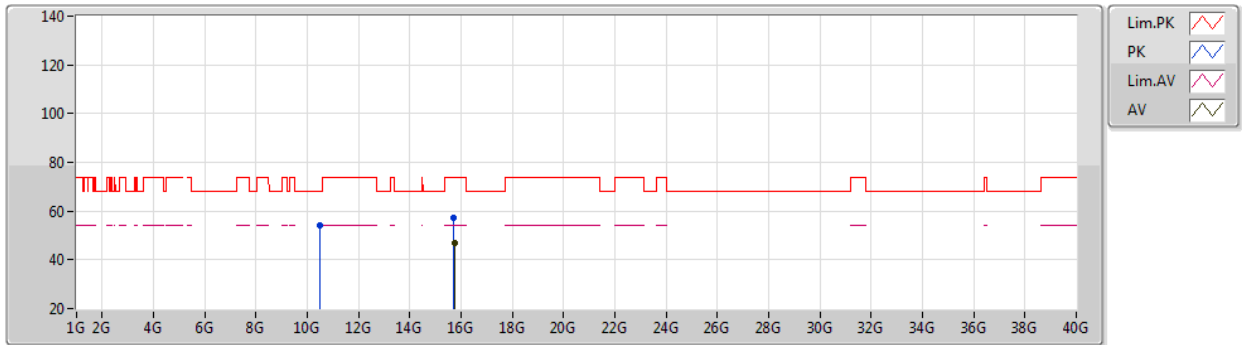
EUT Y_4TX
Setting 44
03-A-A-10

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	5.1412G	60.76	74.00	-13.24	54.76	3	Horizontal	60	2.83	-	34.04	6.73	34.77
AV	5.1428G	50.98	54.00	-3.02	44.98	3	Horizontal	60	2.83	-	34.04	6.73	34.77
PK	5.2692G	101.85	Inf	-Inf	95.64	3	Horizontal	60	2.83	-	34.24	6.83	34.86
AV	5.2436G	91.36	Inf	-Inf	85.20	3	Horizontal	60	2.83	-	34.19	6.81	34.84
PK	5.3956G	58.59	74.00	-15.41	52.21	3	Horizontal	60	2.83	-	34.40	6.93	34.95
AV	5.3892G	48.35	54.00	-5.65	41.98	3	Horizontal	60	2.83	-	34.39	6.92	34.94
PK	5.4788G	58.27	68.20	-9.93	51.80	3	Horizontal	60	2.83	-	34.48	6.99	35.00

802.11ax HEW160_Nss1,(MCS0)_4TX

27/02/2020

5250MHz Straddle 5.25-5.35GHz_TX



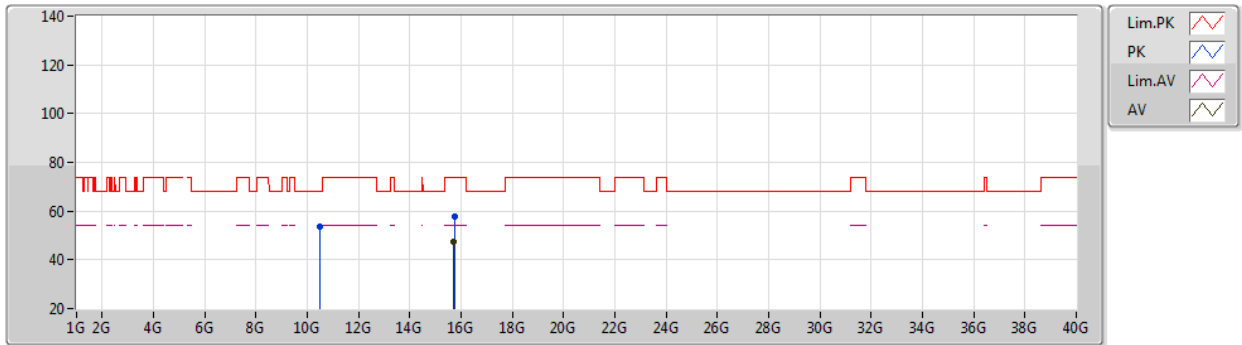
EUT Y_4TX
Setting 44
03-A-A-10

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	10.4916G	54.30	68.20	-13.90	40.78	3	Vertical	13	2.11	-	38.40	10.02	34.90
PK	15.7272G	57.19	74.00	-16.81	42.15	3	Vertical	233	1.14	-	38.32	11.72	35.00
AV	15.7401G	46.86	54.00	-7.14	31.87	3	Vertical	233	1.14	-	38.28	11.73	35.02

802.11ax HEW160_Nss1,(MCS0)_4TX

27/02/2020

5250MHz Straddle 5.25-5.35GHz_TX



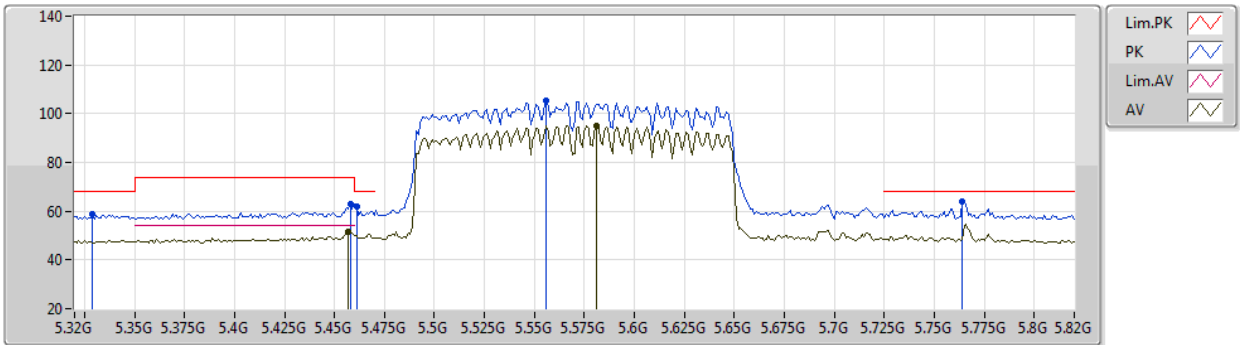
EUT Y_4TX
Setting 44
03-A-A-10

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	10.4905G	53.57	68.20	-14.63	40.05	3	Horizontal	108	2.66	-	38.40	10.02	34.90
PK	15.7413G	57.86	74.00	-16.14	42.87	3	Horizontal	302	1.43	-	38.28	11.73	35.02
AV	15.7289G	47.42	54.00	-6.58	32.39	3	Horizontal	302	1.43	-	38.31	11.72	35.00

802.11ax HEW160_Nss1,(MCS0)_4TX

27/02/2020

5570MHz_TX



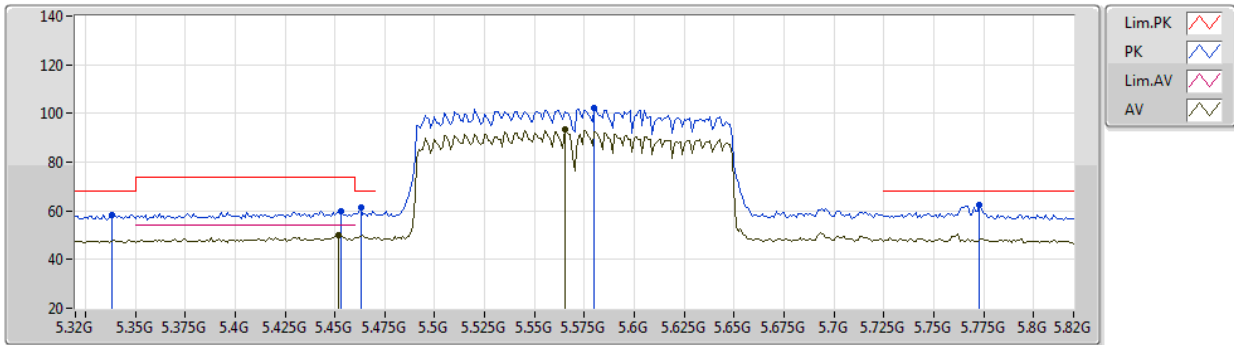
EUT Y_4TX
Setting 64
03-A-A-10

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	5.329G	58.91	68.20	-9.29	52.60	3	Vertical	338	1.78	-	34.33	6.88	34.90
PK	5.458G	62.76	74.00	-11.24	56.30	3	Vertical	338	1.78	-	34.46	6.98	34.98
PK	5.461G	61.64	68.20	-6.56	55.19	3	Vertical	338	1.78	-	34.46	6.98	34.99
PK	5.556G	105.41	Inf	-Inf	98.94	3	Vertical	338	1.78	-	34.44	7.02	34.99
AV	5.581G	95.15	Inf	-Inf	88.70	3	Vertical	338	1.78	-	34.42	7.02	34.99
PK	5.764G	64.10	68.20	-4.10	57.70	3	Vertical	338	1.78	-	34.30	7.04	34.94
AV	5.457G	51.63	54.00	-2.37	45.17	3	Vertical	338	1.78	-	34.46	6.98	34.98

802.11ax HEW160_Nss1,(MCS0)_4TX

27/02/2020

5570MHz_TX

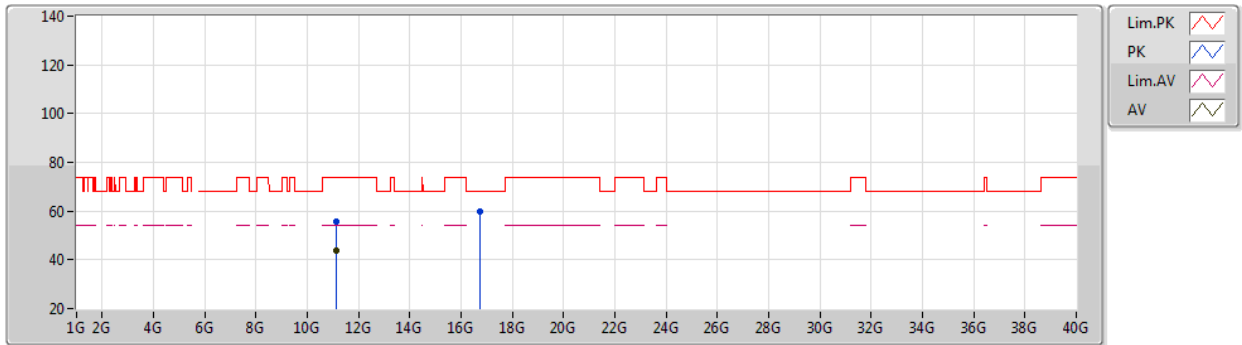

EUT Y_4TX
Setting 64
03-A-A-10

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	5.338G	58.26	68.20	-9.94	51.94	3	Horizontal	162	2.25	-	34.34	6.89	34.91
PK	5.453G	59.95	74.00	-14.05	53.51	3	Horizontal	162	2.25	-	34.45	6.97	34.98
PK	5.463G	61.19	68.20	-7.01	54.74	3	Horizontal	162	2.25	-	34.46	6.98	34.99
PK	5.58G	102.34	Inf	-Inf	95.89	3	Horizontal	162	2.25	-	34.42	7.02	34.99
AV	5.565G	93.22	Inf	-Inf	86.75	3	Horizontal	162	2.25	-	34.44	7.02	34.99
PK	5.773G	62.31	68.20	-5.89	55.91	3	Horizontal	162	2.25	-	34.30	7.04	34.94
AV	5.452G	50.07	54.00	-3.93	43.63	3	Horizontal	162	2.25	-	34.45	6.97	34.98

802.11ax HEW160_Nss1,(MCS0)_4TX

27/02/2020

5570MHz_TX



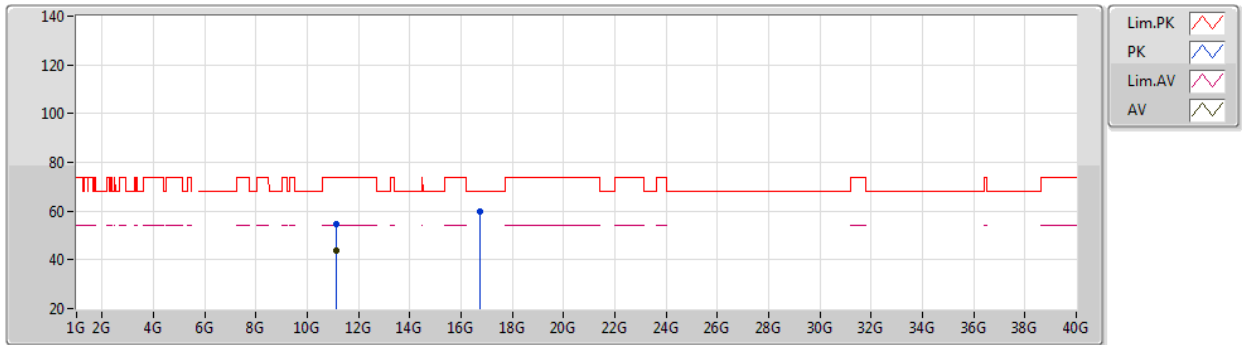
EUT Y_4TX
Setting 64
03-A-A-10

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	11.1524G	55.52	74.00	-18.48	41.41	3	Vertical	128	2.68	-	38.61	10.12	34.62
AV	11.1255G	43.82	54.00	-10.18	29.72	3	Vertical	128	2.68	-	38.59	10.12	34.61
PK	16.7346G	59.77	68.20	-8.43	43.31	3	Vertical	221	2.09	-	39.26	11.98	34.78

802.11ax HEW160_Nss1,(MCS0)_4TX

27/02/2020

5570MHz_TX



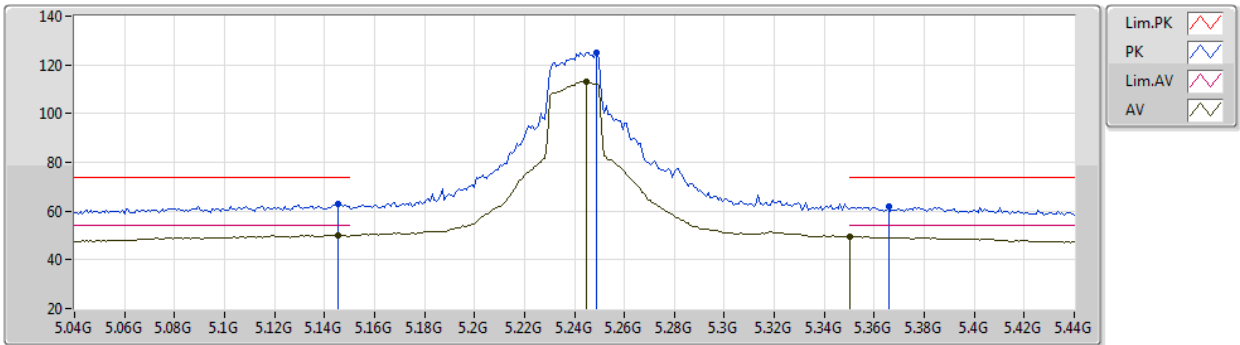
EUT Y_4TX
Setting 64
03-A-A-10

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	11.137G	54.58	74.00	-19.42	40.47	3	Horizontal	138	1.83	-	38.60	10.12	34.61	
AV	11.1182G	43.99	54.00	-10.01	29.90	3	Horizontal	138	1.83	-	38.58	10.12	34.61	
PK	16.7138G	59.91	68.20	-8.29	43.52	3	Horizontal	239	2.49	-	39.21	11.97	34.79	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/02/2020

5240MHz_TX



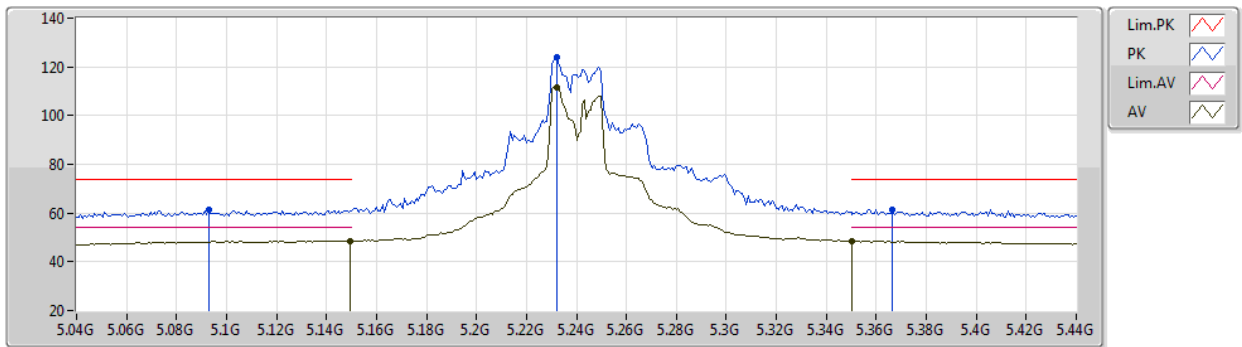
EUT Y_4TX
Setting 98
03-A-B-2-10

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	5.1456G	63.03	74.00	-10.97	57.02	3	Vertical	157	1.80	-	34.05	6.73	34.77
AV	5.1456G	50.16	54.00	-3.84	44.15	3	Vertical	157	1.80	-	34.05	6.73	34.77
PK	5.2488G	125.23	Inf	-Inf	119.06	3	Vertical	157	1.80	-	34.20	6.81	34.84
AV	5.2448G	113.32	Inf	-Inf	107.16	3	Vertical	157	1.80	-	34.19	6.81	34.84
PK	5.3656G	61.96	74.00	-12.04	55.61	3	Vertical	157	1.80	-	34.37	6.91	34.93
AV	5.35G	49.56	54.00	-4.44	43.23	3	Vertical	157	1.80	-	34.35	6.90	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/02/2020

5240MHz_TX



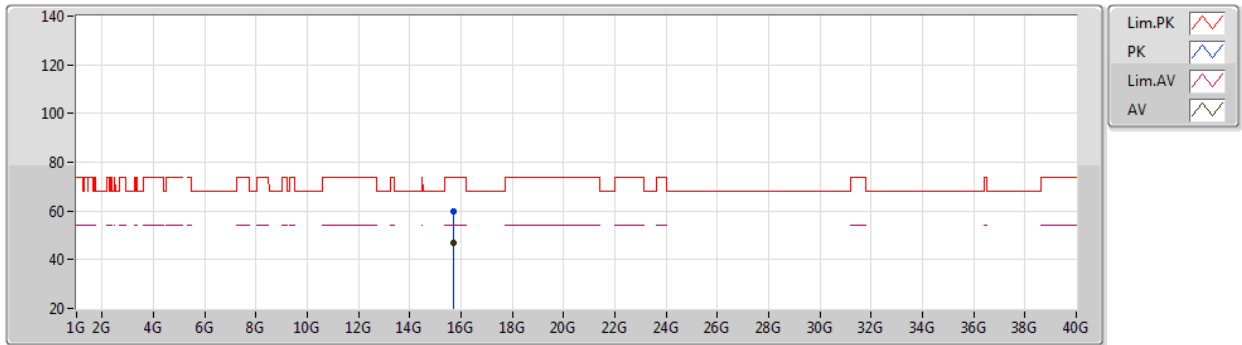
EUT Y_4TX
Setting 98
03-A-B-2-10

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	5.0928G	61.63	74.00	-12.37	55.68	3	Horizontal	188	1.67	-	33.99	6.69	34.73
AV	5.1496G	48.65	54.00	-5.35	42.64	3	Horizontal	188	1.67	-	34.05	6.73	34.77
PK	5.232G	123.99	Inf	-Inf	117.86	3	Horizontal	188	1.67	-	34.16	6.80	34.83
AV	5.232G	111.80	Inf	-Inf	105.67	3	Horizontal	188	1.67	-	34.16	6.80	34.83
PK	5.3664G	61.40	74.00	-12.60	55.05	3	Horizontal	188	1.67	-	34.37	6.91	34.93
AV	5.35G	48.63	54.00	-5.37	42.30	3	Horizontal	188	1.67	-	34.35	6.90	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/02/2020

5240MHz_TX



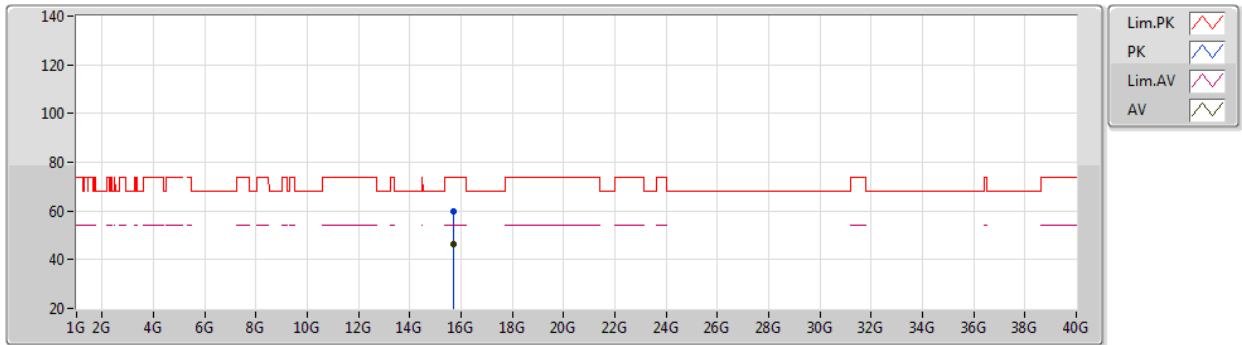
EUT Y_4TX
Setting 98
03-A-B-2

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	15.7131G	59.77	74.00	-14.23	44.69	3	Vertical	23	2.14	-	38.36	11.71	34.99
AV	15.696G	46.70	54.00	-7.30	31.56	3	Vertical	23	2.14	-	38.41	11.70	34.97

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

27/02/2020

5240MHz_TX



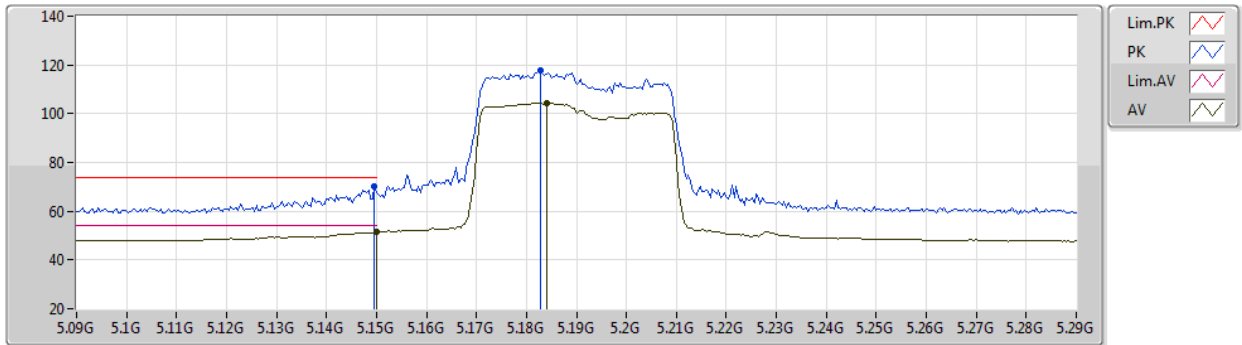
EUT Y_4TX
Setting 98
03-A-B-2

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	15.71832G	59.93	74.00	-14.07	44.85	3	Horizontal	101	1.80	-	38.35	11.72	34.99
AV	15.70896G	46.45	54.00	-7.55	31.35	3	Horizontal	101	1.80	-	38.37	11.71	34.98

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5190MHz_TX



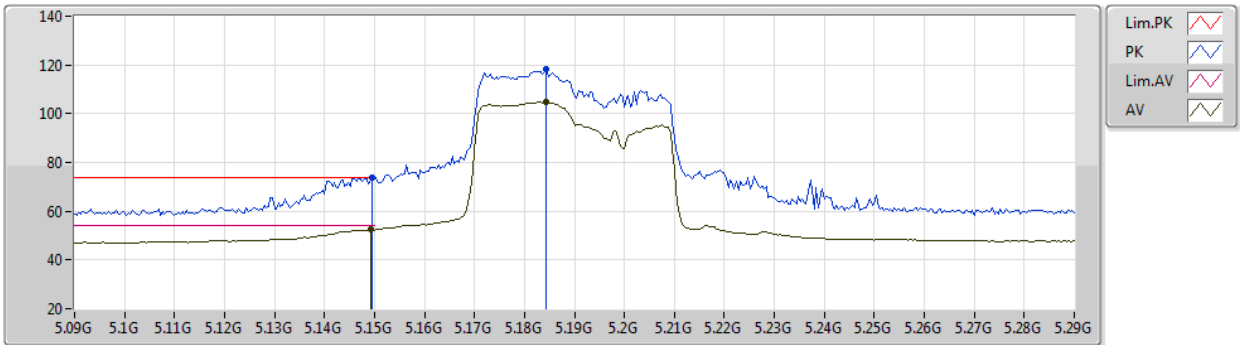
EUT Y_4TX
Setting 70
03-A-B-2-10

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	5.1496G	69.95	74.00	-4.05	63.94	3	Vertical	181	1.80	-	34.05	6.73	34.77
AV	5.15G	51.31	54.00	-2.69	45.30	3	Vertical	181	1.80	-	34.05	6.73	34.77
PK	5.1828G	117.69	Inf	-Inf	111.65	3	Vertical	181	1.80	-	34.08	6.76	34.80
AV	5.184G	104.46	Inf	-Inf	98.42	3	Vertical	181	1.80	-	34.08	6.76	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5190MHz_TX



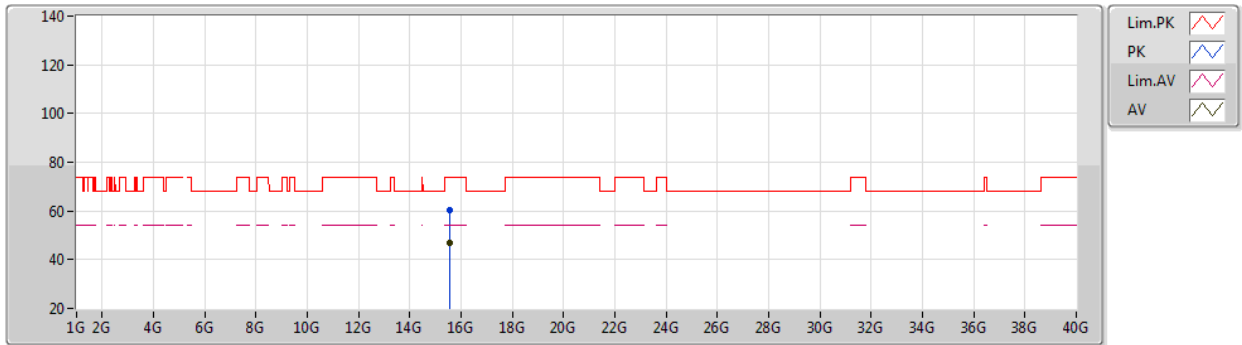
EUT Y_4TX
Setting 70
03-A-B-2-10

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	5.1496G	73.89	74.00	-0.11	67.88	3	Horizontal	180	1.49	-	34.05	6.73	34.77
AV	5.1492G	52.52	54.00	-1.48	46.51	3	Horizontal	180	1.49	-	34.05	6.73	34.77
PK	5.1844G	118.34	Inf	-Inf	112.30	3	Horizontal	180	1.49	-	34.08	6.76	34.80
AV	5.1844G	104.80	Inf	-Inf	98.76	3	Horizontal	180	1.49	-	34.08	6.76	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5190MHz_TX



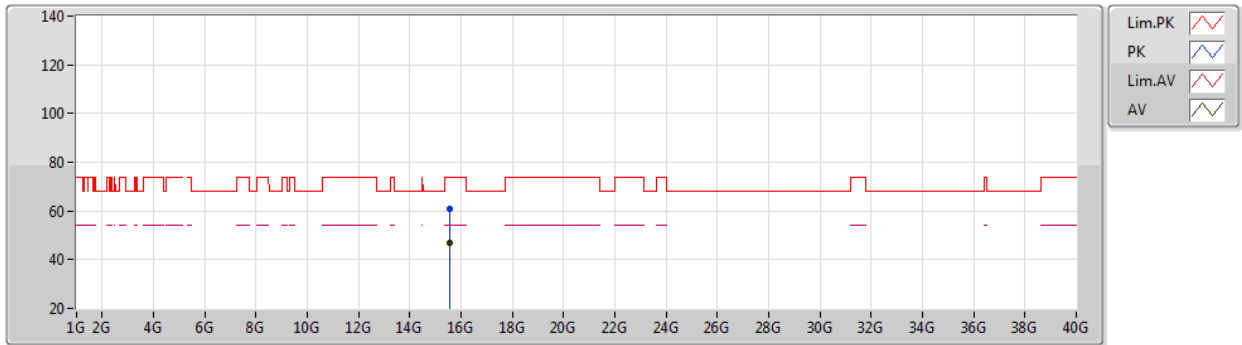
EUT Y_4TX
Setting 70
03-A-B-2

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	15.57122G	60.58	74.00	-13.42	44.98	3	Vertical	300	1.92	-	38.79	11.64	34.83
AV	15.5725G	46.80	54.00	-7.20	31.21	3	Vertical	300	1.92	-	38.78	11.64	34.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5190MHz_TX



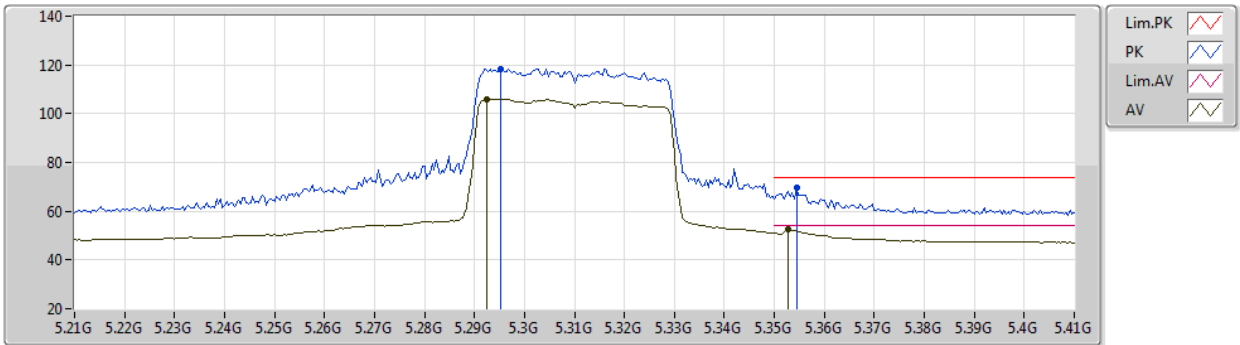
EUT V_4TX
Setting 70
03-A-B-2

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	15.56726G	61.07	74.00	-12.93	45.46	3	Horizontal	201	2.97	-	38.80	11.64	34.83
AV	15.57188G	46.84	54.00	-7.16	31.25	3	Horizontal	201	2.97	-	38.78	11.64	34.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5310MHz_TX



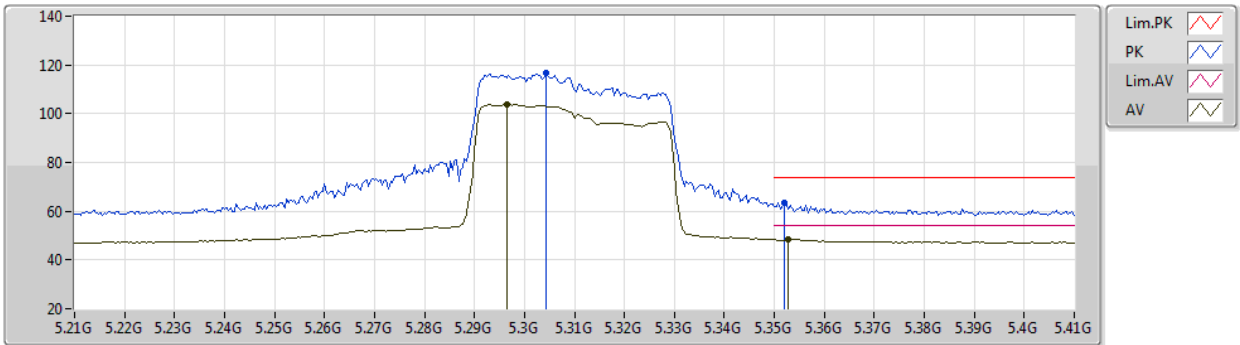
EUT Y_4TX
Setting 70
03-A-B-2-10

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	5.2952G	118.51	Inf	-Inf	112.24	3	Vertical	36	2.39	-	34.29	6.86	34.88
AV	5.2924G	105.91	Inf	-Inf	99.65	3	Vertical	36	2.39	-	34.28	6.85	34.87
PK	5.3544G	69.68	74.00	-4.32	63.35	3	Vertical	36	2.39	-	34.35	6.90	34.92
AV	5.3528G	52.48	54.00	-1.52	46.15	3	Vertical	36	2.39	-	34.35	6.90	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5310MHz_TX



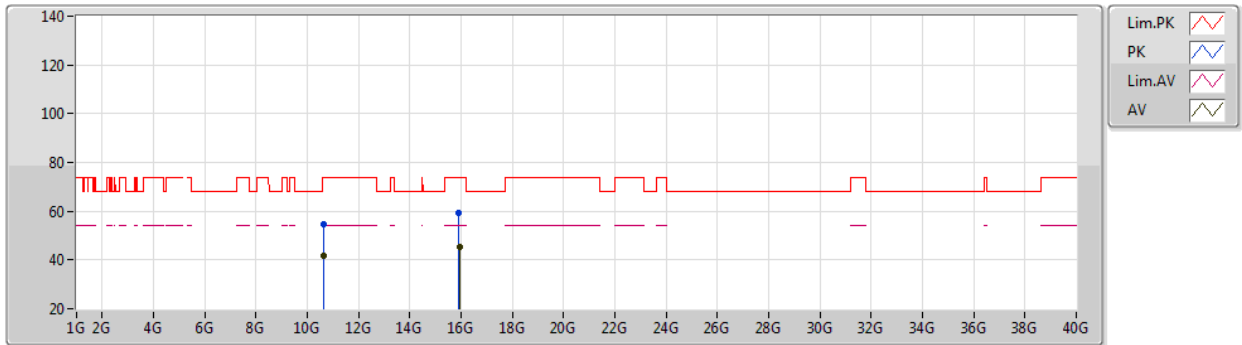
EUT Y_4TX
Setting 70
03-A-B-2-10

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	5.3044G	116.50	Inf	-Inf	110.22	3	Horizontal	139	2.69	-	34.30	6.86	34.88
AV	5.2964G	104.01	Inf	-Inf	97.74	3	Horizontal	139	2.69	-	34.29	6.86	34.88
PK	5.352G	63.29	74.00	-10.71	56.96	3	Horizontal	139	2.69	-	34.35	6.90	34.92
AV	5.3528G	48.58	54.00	-5.42	42.25	3	Horizontal	139	2.69	-	34.35	6.90	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5310MHz_TX



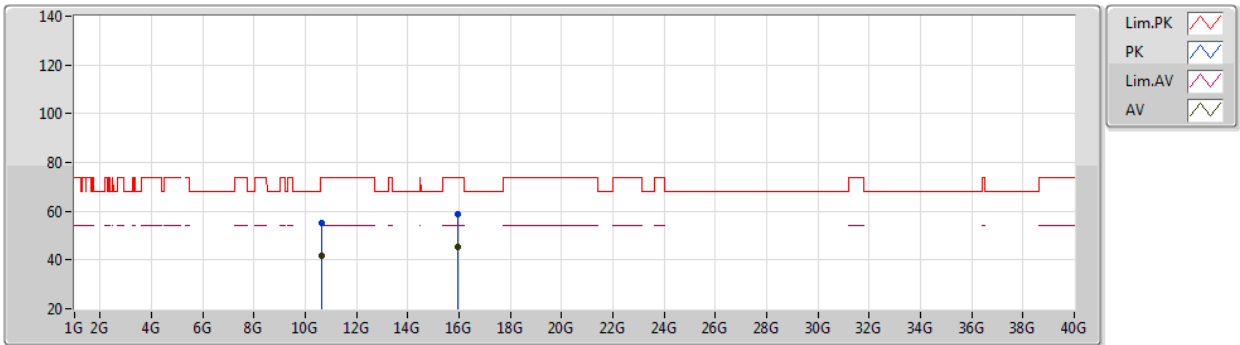
EUT Y_4TX
Setting 70
03-A-B-2

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	10.62192G	54.86	74.00	-19.14	41.22	3	Vertical	160	1.42	-	38.42	10.04	34.82
AV	10.61508G	41.71	54.00	-12.29	28.07	3	Vertical	160	1.42	-	38.42	10.04	34.82
PK	15.92522G	59.28	74.00	-14.72	44.96	3	Vertical	118	1.91	-	37.72	11.82	35.22
AV	15.93298G	45.18	54.00	-8.82	30.88	3	Vertical	118	1.91	-	37.70	11.83	35.23

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5310MHz_TX



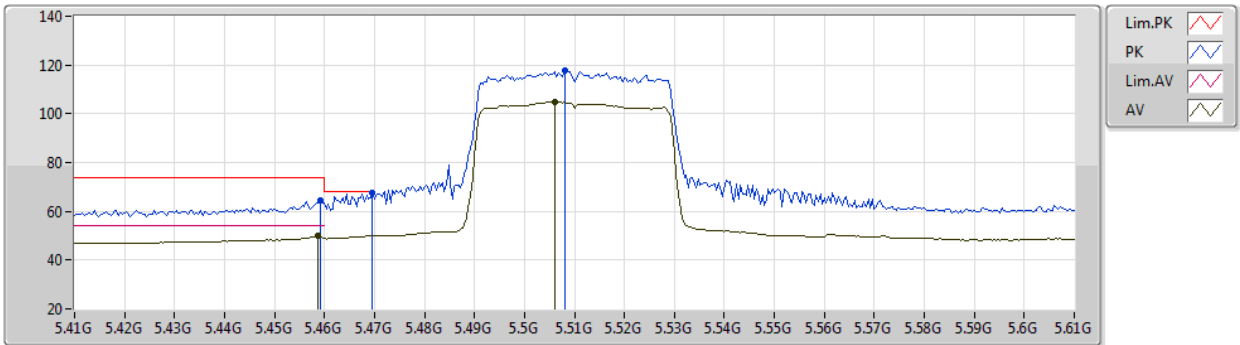
EUT Y_4TX
Setting 70
03-A-B-2

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	10.61744G	55.39	74.00	-18.61	41.75	3	Horizontal	188	1.31	-	38.42	10.04	34.82
AV	10.62012G	41.70	54.00	-12.30	28.06	3	Horizontal	188	1.31	-	38.42	10.04	34.82
PK	15.92777G	58.61	74.00	-15.39	44.29	3	Horizontal	324	1.63	-	37.72	11.82	35.22
AV	15.93064G	45.13	54.00	-8.87	30.82	3	Horizontal	324	1.63	-	37.71	11.82	35.22

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5510MHz_TX



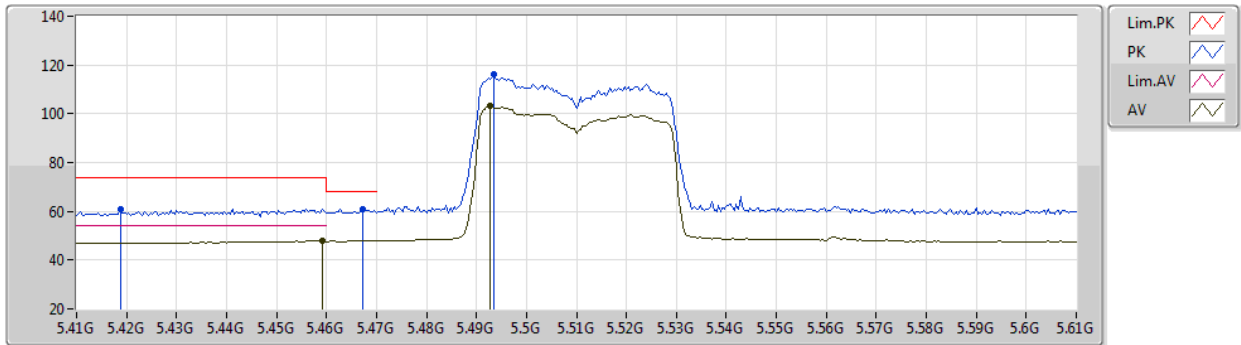
EUT Y_4TX
Setting 68
03-A-B-2-10

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	5.4592G	64.26	74.00	-9.74	57.81	3	Vertical	247	1.66	-	34.46	6.98	34.99
AV	5.4588G	49.77	54.00	-4.23	43.32	3	Vertical	247	1.66	-	34.46	6.98	34.99
PK	5.4696G	67.74	68.20	-0.46	61.27	3	Vertical	247	1.66	-	34.47	6.99	34.99
PK	5.508G	117.61	Inf	-Inf	111.12	3	Vertical	247	1.66	-	34.49	7.01	35.01
AV	5.506G	104.99	Inf	-Inf	98.50	3	Vertical	247	1.66	-	34.49	7.01	35.01

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5510MHz_TX



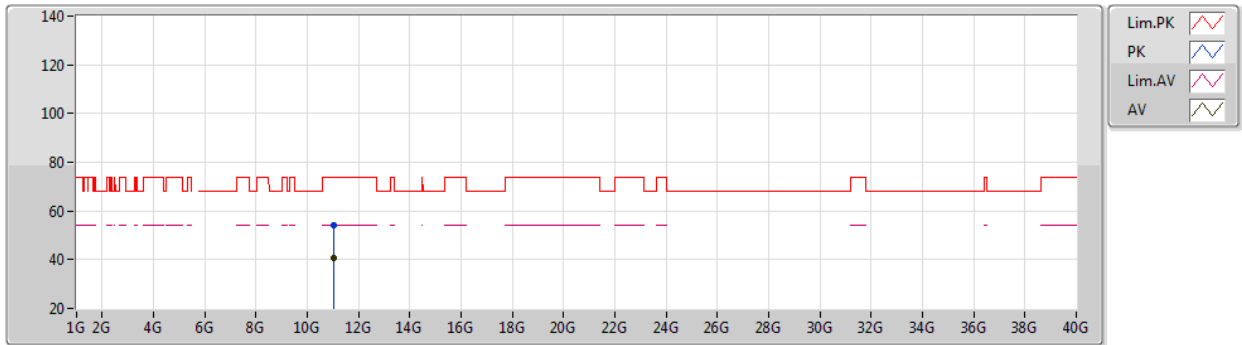
EUT Y_4TX
Setting 68
03-A-B-2-10

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	5.4188G	60.96	74.00	-13.04	54.55	3	Horizontal	200	2.34	-	34.42	6.95	34.96
PK	5.4672G	60.77	68.20	-7.43	54.31	3	Horizontal	200	2.34	-	34.47	6.98	34.99
AV	5.4592G	47.88	54.00	-6.12	41.43	3	Horizontal	200	2.34	-	34.46	6.98	34.99
PK	5.4936G	115.97	Inf	-Inf	109.49	3	Horizontal	200	2.34	-	34.49	7.00	35.01
AV	5.4928G	103.05	Inf	-Inf	96.57	3	Horizontal	200	2.34	-	34.49	7.00	35.01

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5510MHz_TX



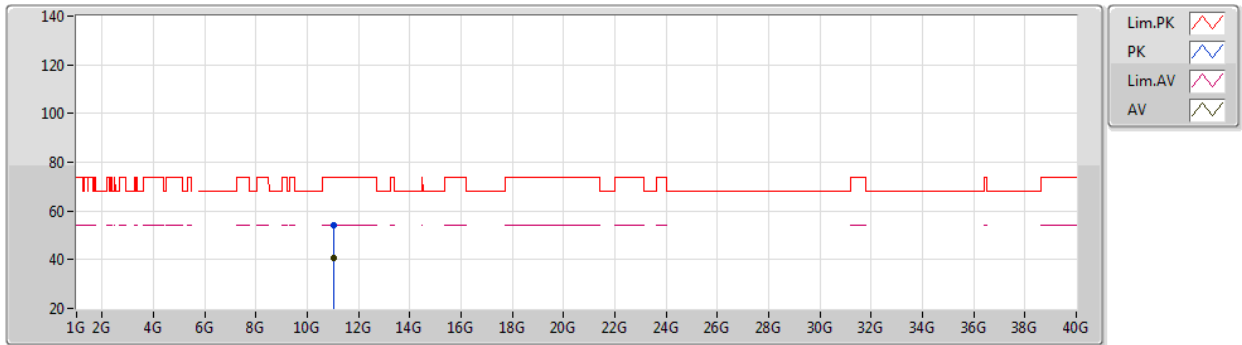
EUT Y_4TX
Setting 68
03-A-B-2

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	11.02146G	54.00	74.00	-20.00	39.97	3	Vertical	8	2.25	-	38.52	10.10	34.59
AV	11.02104G	40.63	54.00	-13.37	26.61	3	Vertical	8	2.25	-	38.51	10.10	34.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5510MHz_TX



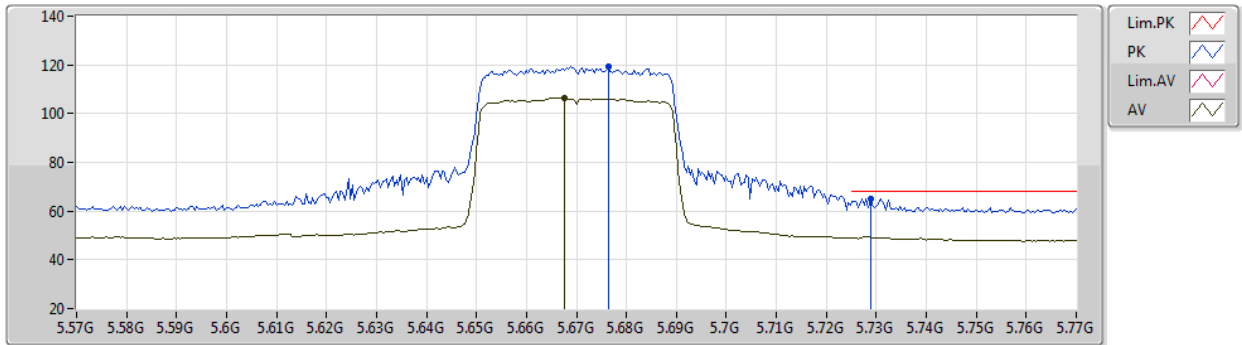
EUT Y_4TX
Setting 68
03-A-B-2

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	11.02328G	54.11	74.00	-19.89	40.08	3	Horizontal	227	1.26	-	38.52	10.10	34.59
AV	11.01672G	40.70	54.00	-13.30	26.68	3	Horizontal	227	1.26	-	38.51	10.10	34.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5670MHz_TX



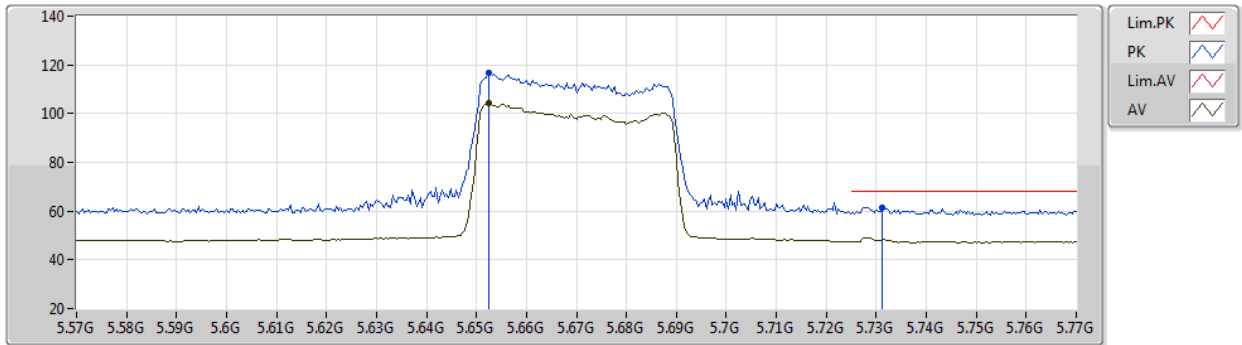
EUT Y_4TX
Setting 69
03-A-B-2-10

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	5.6764G	119.27	Inf	-Inf	112.88	3	Vertical	246	1.58	-	34.32	7.03	34.96
AV	5.6676G	106.31	Inf	-Inf	99.91	3	Vertical	246	1.58	-	34.33	7.03	34.96
PK	5.7288G	65.18	68.20	-3.02	58.79	3	Vertical	246	1.58	-	34.30	7.03	34.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5670MHz_TX



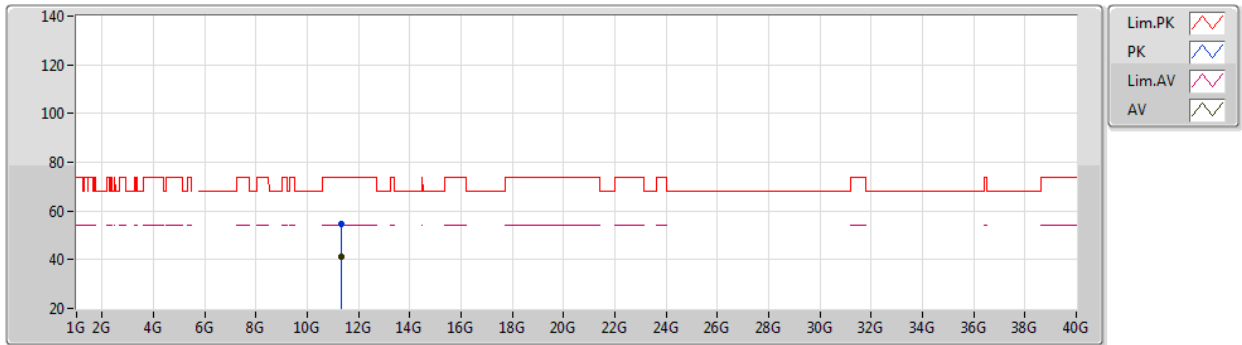
EUT Y_4TX
Setting 69
03-A-B-2-10

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	5.6524G	116.59	Inf	-Inf	110.17	3	Horizontal	205	2.97	-	34.35	7.03	34.96
AV	5.6524G	104.30	Inf	-Inf	97.88	3	Horizontal	205	2.97	-	34.35	7.03	34.96
PK	5.7312G	61.43	68.20	-6.77	55.04	3	Horizontal	205	2.97	-	34.30	7.03	34.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5670MHz_TX



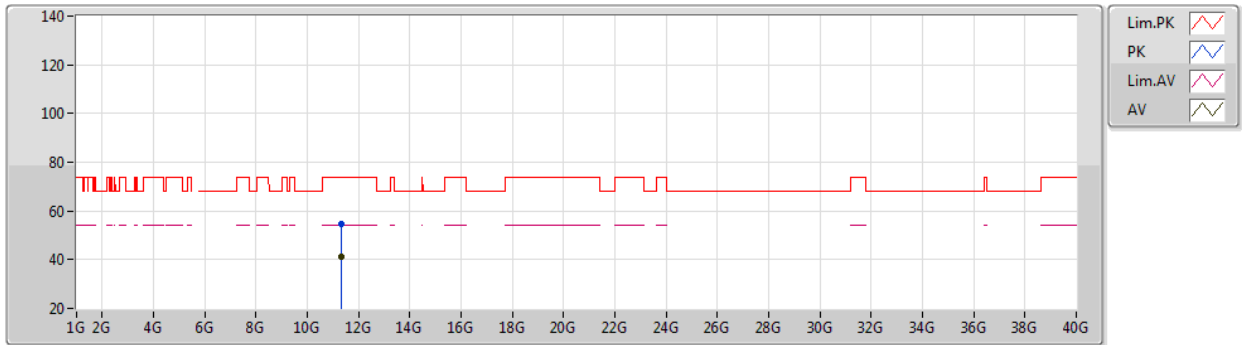
EUT Y_4TX
Setting 69
03-A-B-2

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	11.34258G	54.65	74.00	-19.35	40.42	3	Vertical	288	2.40	-	38.74	10.14	34.65
AV	11.34346G	41.25	54.00	-12.75	27.02	3	Vertical	288	2.40	-	38.74	10.14	34.65

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5670MHz_TX



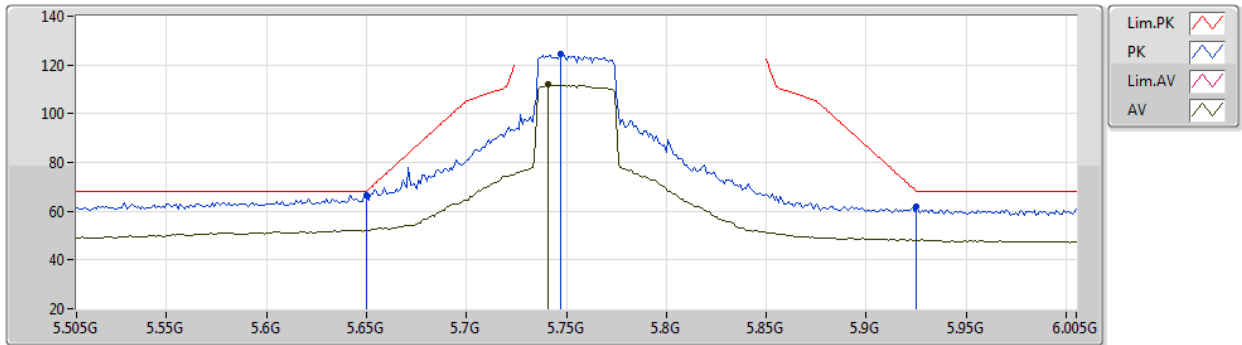
EUT Y_4TX
Setting 69
03-A-B-2

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	11.34384G	54.68	74.00	-19.32	40.45	3	Horizontal	43	2.86	-	38.74	10.14	34.65
AV	11.3438G	41.26	54.00	-12.74	27.03	3	Horizontal	43	2.86	-	38.74	10.14	34.65

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5755MHz_TX



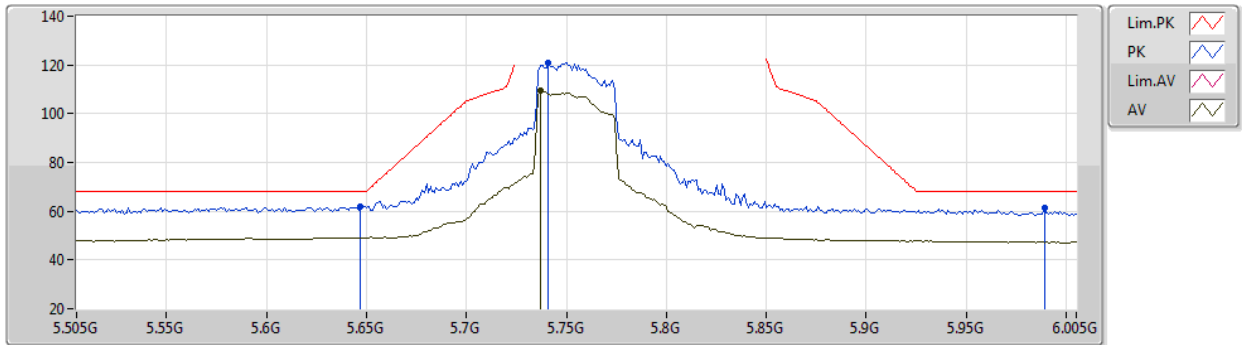
EUT Y_4TX
Setting 90
03-A-B-2-10

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	5.65G	66.48	68.20	-1.72	60.07	3	Vertical	247	1.52	-	34.35	7.03	34.97	
PK	5.747G	124.31	Inf	-Inf	117.92	3	Vertical	247	1.52	-	34.30	7.03	34.94	
AV	5.741G	111.91	Inf	-Inf	105.52	3	Vertical	247	1.52	-	34.30	7.03	34.94	
PK	5.925G	61.90	68.20	-6.30	55.16	3	Vertical	247	1.52	-	34.58	7.05	34.89	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5755MHz_TX



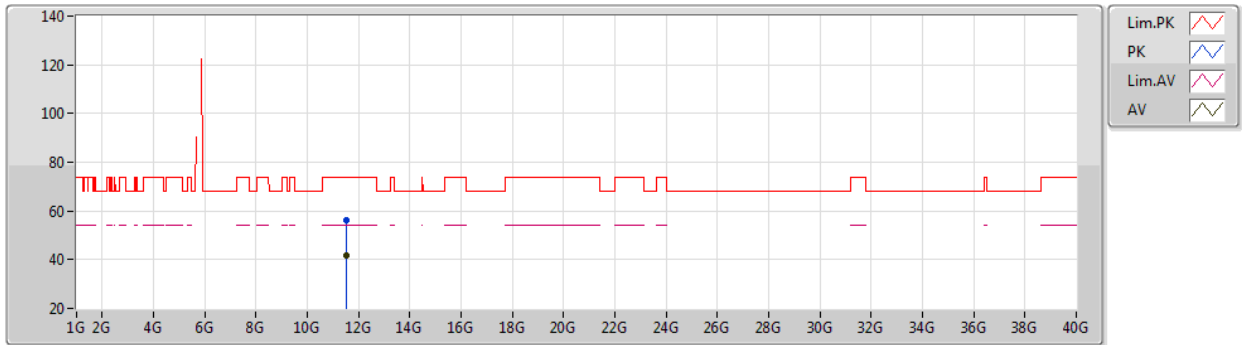
EUT Y_4TX
Setting 90
03-A-B-2-10

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	61.82	68.20	-6.38	55.42	3	Horizontal	190	2.92	-	34.35	7.02	34.97
PK	5.741G	120.94	Inf	-Inf	114.55	3	Horizontal	190	2.92	-	34.30	7.03	34.94
AV	5.737G	109.48	Inf	-Inf	103.09	3	Horizontal	190	2.92	-	34.30	7.03	34.94
PK	5.989G	61.49	68.20	-6.71	54.53	3	Horizontal	190	2.92	-	34.77	7.06	34.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5755MHz_TX



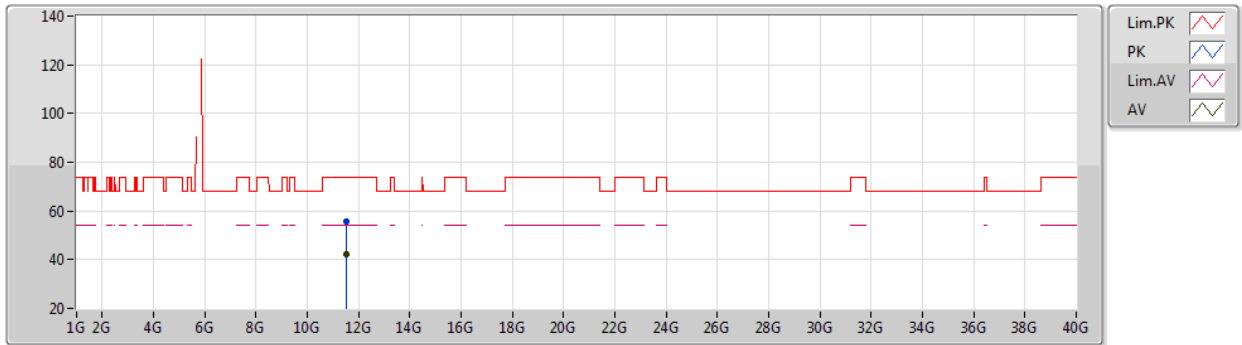
EUT Y_4TX
Setting 90
03-A-B-2

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	11.50286G	55.96	74.00	-18.04	41.62	3	Vertical	13	2.99	-	38.85	10.17	34.68
AV	11.51678G	41.88	54.00	-12.12	27.53	3	Vertical	13	2.99	-	38.86	10.17	34.68

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

27/02/2020

5755MHz_TX



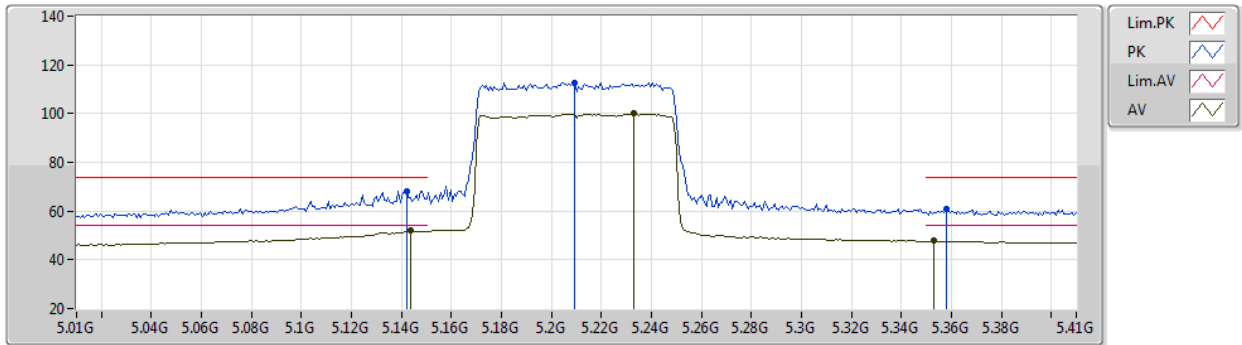
EUT V_4TX
Setting 90
03-A-B-2

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	11.50466G	55.81	74.00	-18.19	41.47	3	Horizontal	113	3.00	-	38.85	10.17	34.68
AV	11.5109G	42.07	54.00	-11.93	27.72	3	Horizontal	113	3.00	-	38.86	10.17	34.68

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5210MHz_TX



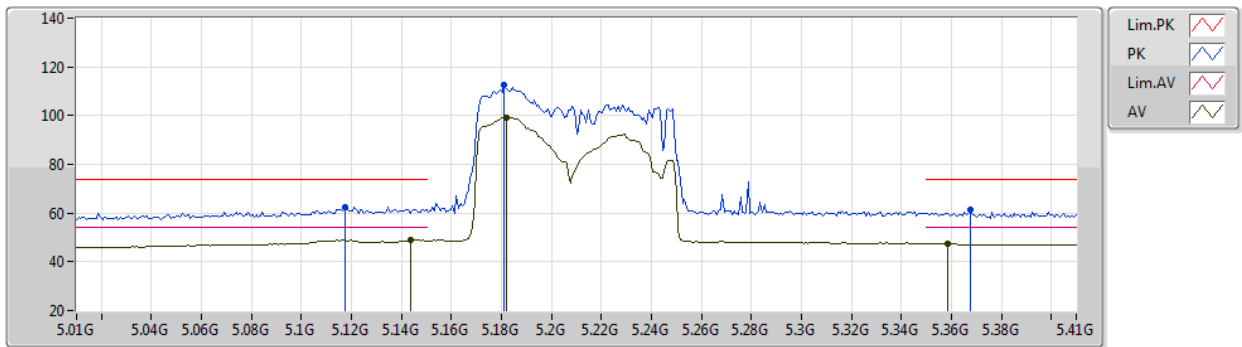
EUT Y_4TX
Setting 65
03-A-B-2-10

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	68.36	74.00	-5.64	62.36	3	Vertical	100	1.80	-	34.04	6.73	34.77
AV	5.1436G	51.90	54.00	-2.10	45.90	3	Vertical	100	1.80	-	34.04	6.73	34.77
PK	5.2092G	112.84	Inf	-Inf	106.76	3	Vertical	100	1.80	-	34.12	6.78	34.82
AV	5.2332G	99.92	Inf	-Inf	93.78	3	Vertical	100	1.80	-	34.17	6.80	34.83
PK	5.358G	60.91	74.00	-13.09	54.57	3	Vertical	100	1.80	-	34.36	6.90	34.92
AV	5.3532G	47.69	54.00	-6.31	41.36	3	Vertical	100	1.80	-	34.35	6.90	34.92

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5210MHz_TX



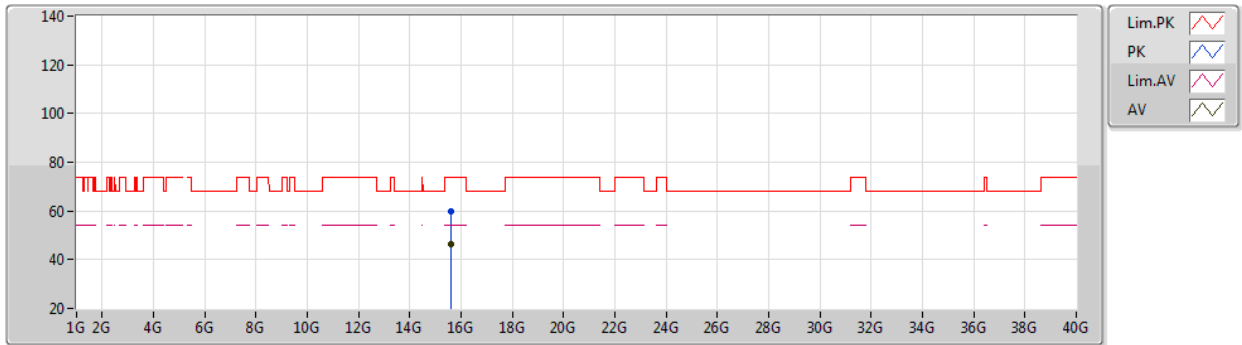
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Setting 65
03-A-B-2-10

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	5.1172G	62.51	74.00	-11.49	56.53	3	Horizontal	191	1.41	-	34.02	6.71	34.75
AV	5.1436G	48.92	54.00	-5.08	42.92	3	Horizontal	191	1.41	-	34.04	6.73	34.77
PK	5.1812G	112.38	Inf	-Inf	106.34	3	Horizontal	191	1.41	-	34.08	6.76	34.80
AV	5.182G	99.23	Inf	-Inf	93.19	3	Horizontal	191	1.41	-	34.08	6.76	34.80
PK	5.3676G	61.29	74.00	-12.71	54.94	3	Horizontal	191	1.41	-	34.37	6.91	34.93
AV	5.3588G	47.48	54.00	-6.52	41.14	3	Horizontal	191	1.41	-	34.36	6.90	34.92

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5210MHz_TX



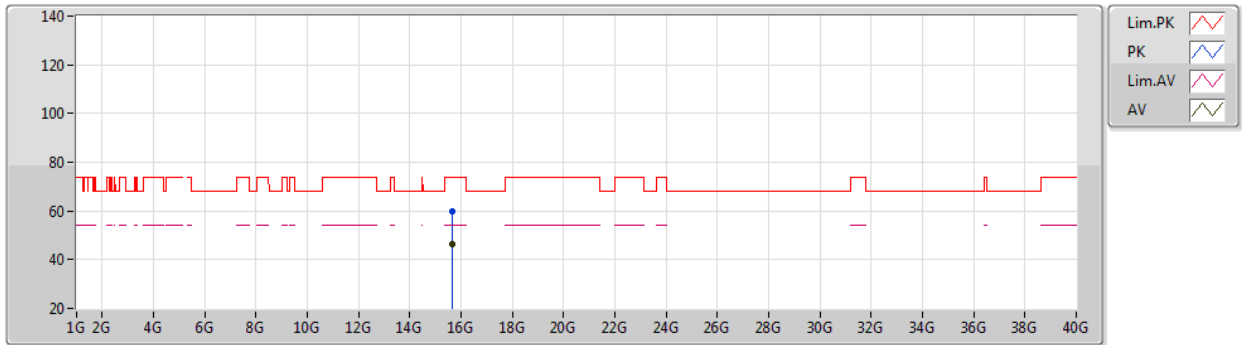
EUT Y_4TX
Setting 65
03-A-B-2

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	15.62772G	59.68	74.00	-14.32	44.28	3	Vertical	224	1.05	-	38.62	11.67	34.89
AV	15.6264G	46.35	54.00	-7.65	30.95	3	Vertical	224	1.05	-	38.62	11.67	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5210MHz_TX



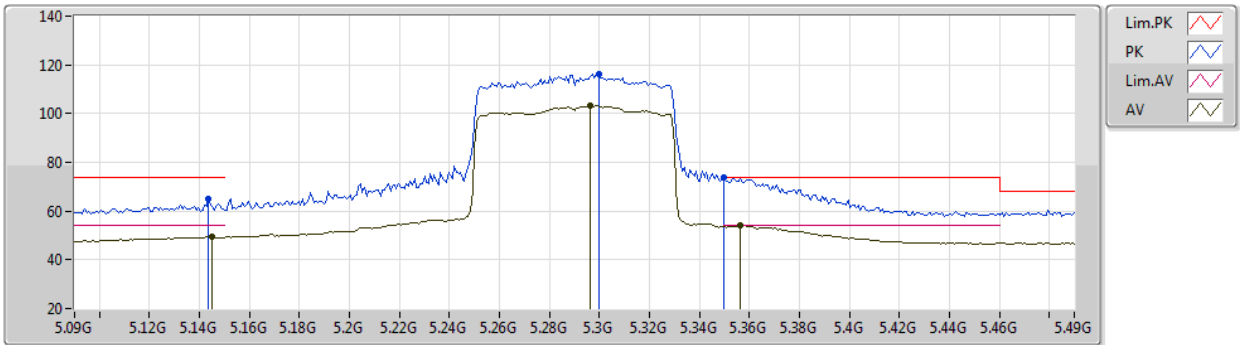
EUT Y_4TX
Setting 65
03-A-B-2

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	15.63152G	59.71	74.00	-14.29	44.33	3	Horizontal	62	1.78	-	38.61	11.67	34.90
AV	15.63144G	46.26	54.00	-7.74	30.88	3	Horizontal	62	1.78	-	38.61	11.67	34.90

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5290MHz_TX



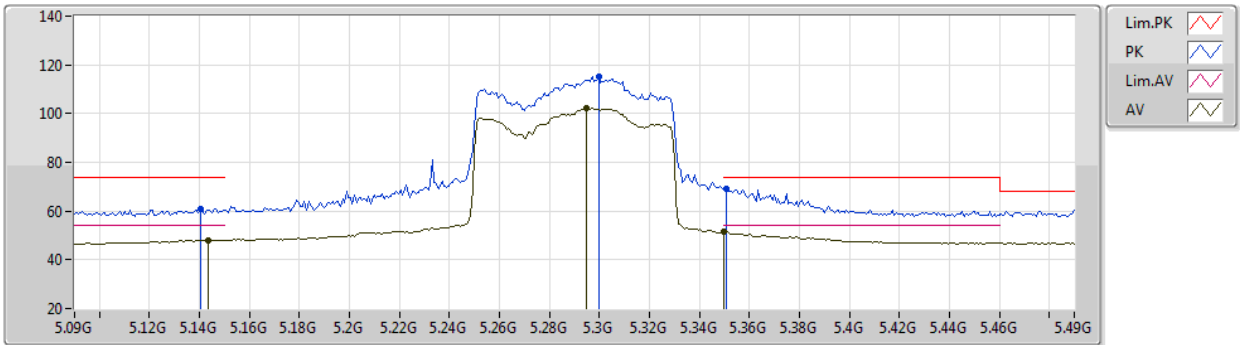
EUT Y_4TX
Setting 70
03-A-B-2-10

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	5.1436G	65.09	74.00	-8.91	59.09	3	Vertical	40	1.80	-	34.04	6.73	34.77
AV	5.1452G	49.34	54.00	-4.66	43.33	3	Vertical	40	1.80	-	34.05	6.73	34.77
PK	5.2996G	116.28	Inf	-Inf	110.00	3	Vertical	40	1.80	-	34.30	6.86	34.88
AV	5.2964G	103.34	Inf	-Inf	97.07	3	Vertical	40	1.80	-	34.29	6.86	34.88
PK	5.35G	73.88	74.00	-0.12	67.55	3	Vertical	40	1.80	-	34.35	6.90	34.92
AV	5.3564G	53.97	54.00	-0.03	47.63	3	Vertical	40	1.80	-	34.36	6.90	34.92

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5290MHz_TX



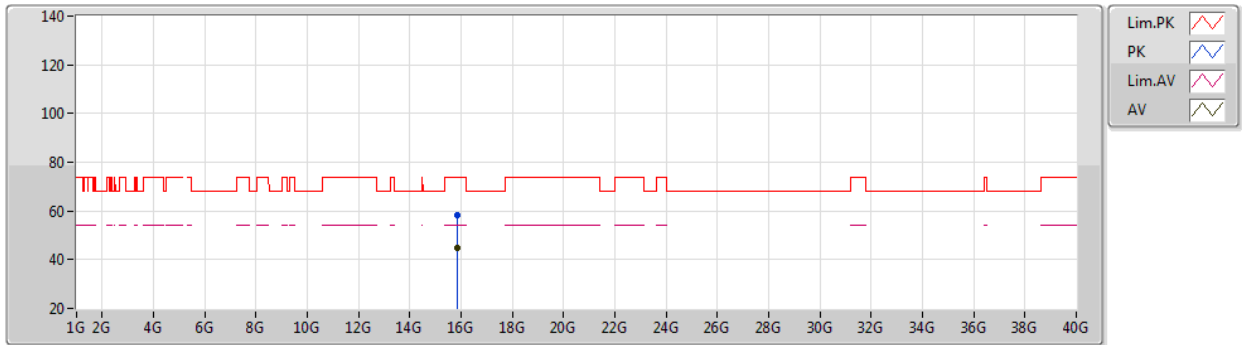
EUT Y_4TX
Setting 70
03-A-B-2-10

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	5.1404G	60.72	74.00	-13.28	54.72	3	Horizontal	142	2.41	-	34.04	6.73	34.77
AV	5.1436G	48.08	54.00	-5.92	42.08	3	Horizontal	142	2.41	-	34.04	6.73	34.77
PK	5.2996G	115.29	Inf	-Inf	109.01	3	Horizontal	142	2.41	-	34.30	6.86	34.88
AV	5.2948G	102.17	Inf	-Inf	95.90	3	Horizontal	142	2.41	-	34.29	6.86	34.88
PK	5.3508G	69.11	74.00	-4.89	62.78	3	Horizontal	142	2.41	-	34.35	6.90	34.92
AV	5.35G	51.36	54.00	-2.64	45.03	3	Horizontal	142	2.41	-	34.35	6.90	34.92

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5290MHz_TX



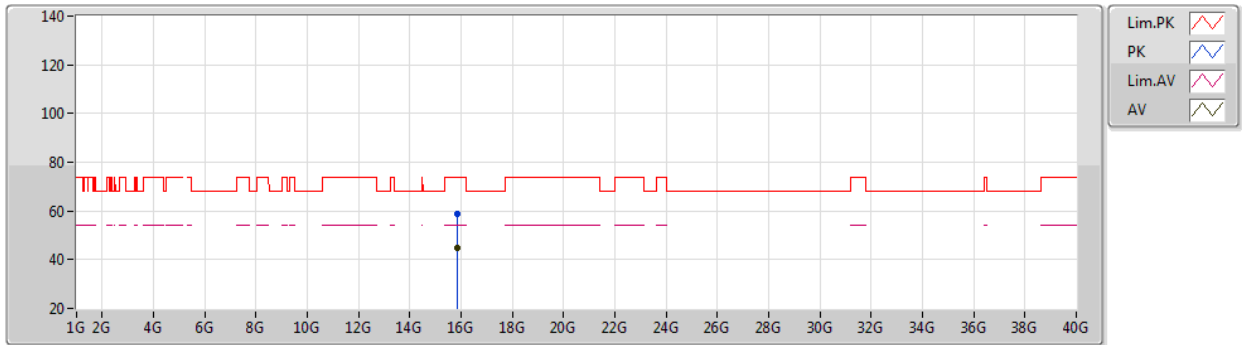
EUT Y_4TX
Setting 70
03-A-B-2

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	15.87464G	58.17	74.00	-15.83	43.65	3	Vertical	234	1.25	-	37.88	11.80	35.16
AV	15.87018G	44.67	54.00	-9.33	30.15	3	Vertical	234	1.25	-	37.89	11.79	35.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5290MHz_TX



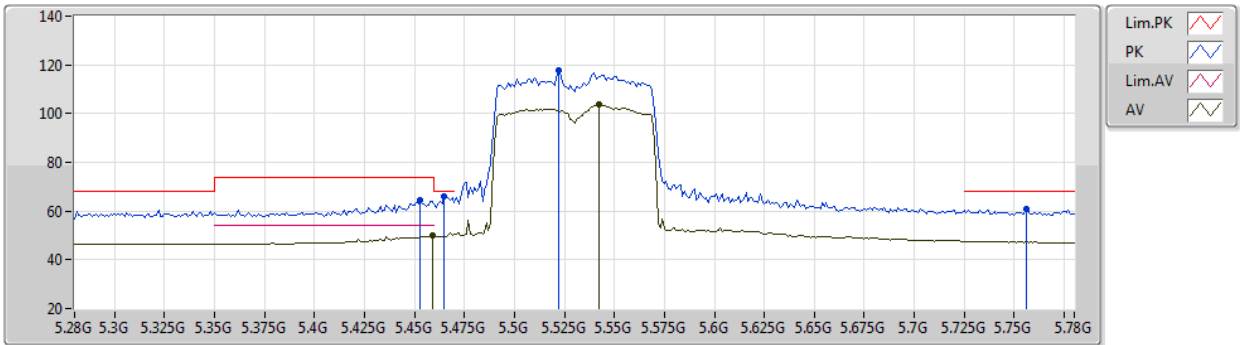
EUT Y_4TX
Setting 70
03-A-B-2

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	15.87492G	58.58	74.00	-15.42	44.06	3	Horizontal	215	2.71	-	37.88	11.80	35.16
AV	15.87236G	44.70	54.00	-9.30	30.19	3	Horizontal	215	2.71	-	37.88	11.79	35.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5530MHz_TX



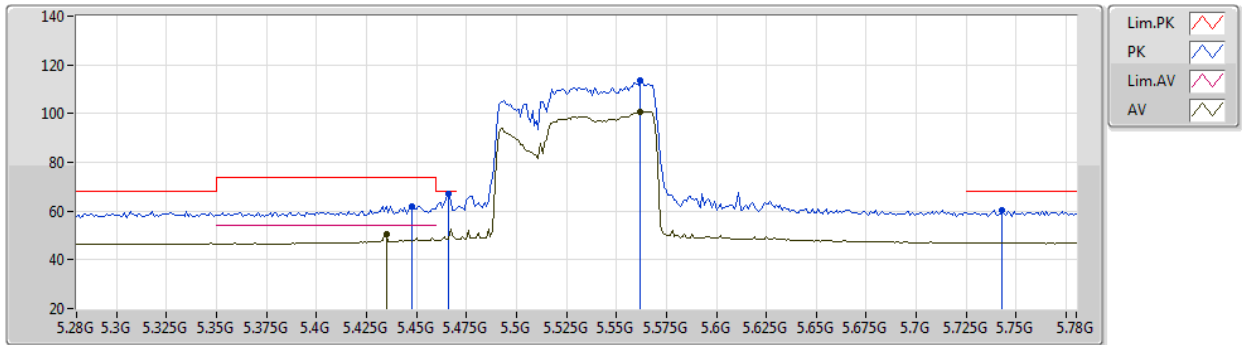
EUT Y_4TX
Setting 72
03-A-B-2-10

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	5.453G	64.49	74.00	-9.51	58.05	3	Vertical	250	1.73	-	34.45	6.97	34.98
AV	5.459G	50.01	54.00	-3.99	43.56	3	Vertical	250	1.73	-	34.46	6.98	34.99
PK	5.465G	66.18	68.20	-2.02	59.73	3	Vertical	250	1.73	-	34.46	6.98	34.99
PK	5.522G	117.89	Inf	-Inf	111.40	3	Vertical	250	1.73	-	34.48	7.01	35.00
AV	5.542G	103.54	Inf	-Inf	97.07	3	Vertical	250	1.73	-	34.46	7.01	35.00
PK	5.756G	60.85	68.20	-7.35	54.45	3	Vertical	250	1.73	-	34.30	7.04	34.94

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5530MHz_TX



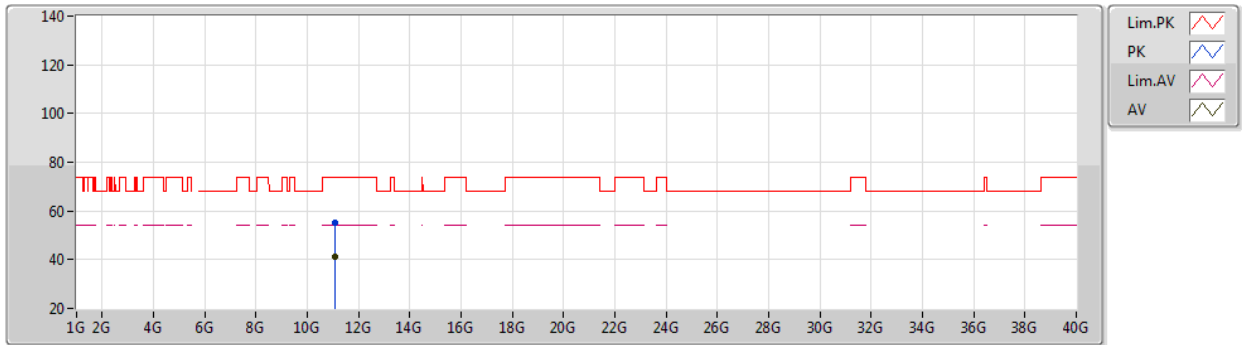
EUT Y_4TX
Setting 72
03-A-B-2-10

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	5.448G	62.13	74.00	-11.87	55.69	3	Horizontal	189	3.00	-	34.45	6.97	34.98
AV	5.435G	50.51	54.00	-3.49	44.08	3	Horizontal	189	3.00	-	34.44	6.96	34.97
PK	5.466G	66.87	68.20	-1.33	60.41	3	Horizontal	189	3.00	-	34.47	6.98	34.99
PK	5.562G	113.56	Inf	-Inf	107.09	3	Horizontal	189	3.00	-	34.44	7.02	34.99
AV	5.562G	100.91	Inf	-Inf	94.44	3	Horizontal	189	3.00	-	34.44	7.02	34.99
PK	5.743G	60.22	68.20	-7.98	53.83	3	Horizontal	189	3.00	-	34.30	7.03	34.94

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5530MHz_TX



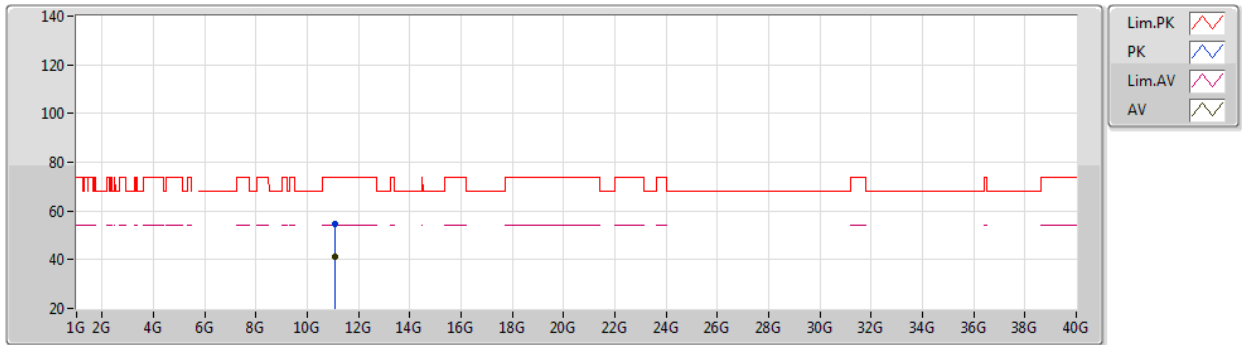
EUT Y_4TX
Setting 72
03-A-B-2

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	11.06044G	55.22	74.00	-18.78	41.17	3	Vertical	4	1.65	-	38.54	10.11	34.60
AV	11.06246G	41.13	54.00	-12.87	27.08	3	Vertical	4	1.65	-	38.54	10.11	34.60

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5530MHz_TX



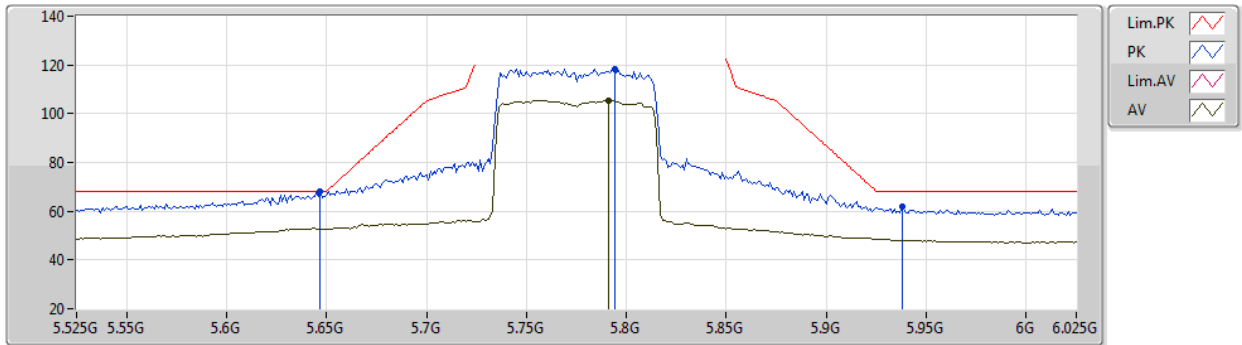
EUT Y_4TX
Setting 72
03-A-B-2

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	11.06442G	54.74	74.00	-19.26	40.68	3	Horizontal	198	2.38	-	38.55	10.11	34.60
AV	11.06266G	41.17	54.00	-12.83	27.12	3	Horizontal	198	2.38	-	38.54	10.11	34.60

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5775MHz_TX



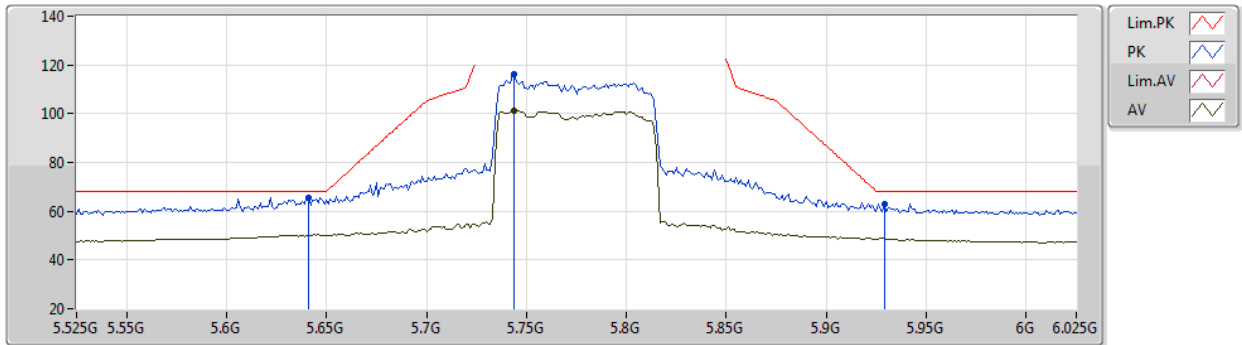
EUT Y_4TX
Setting 77
03-A-B-2-10

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	68.03	68.20	-0.17	61.63	3	Vertical	251	1.61	-	34.35	7.02	34.97
PK	5.794G	118.37	Inf	-Inf	111.96	3	Vertical	251	1.61	-	34.30	7.04	34.93
AV	5.791G	105.49	Inf	-Inf	99.08	3	Vertical	251	1.61	-	34.30	7.04	34.93
PK	5.938G	62.15	68.20	-6.05	55.38	3	Vertical	251	1.61	-	34.61	7.05	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5775MHz_TX



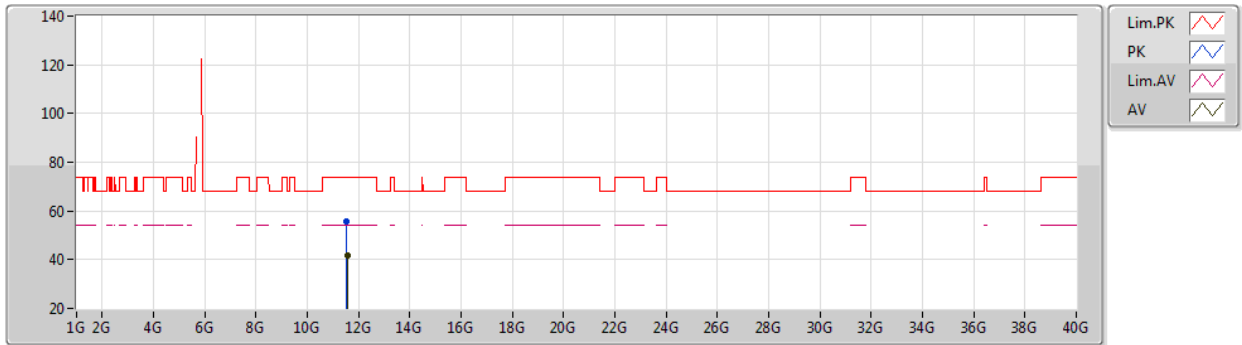
EUT Y_4TX
Setting 77
03-A-B-2-10

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	5.641G	65.52	68.20	-2.68	59.11	3	Horizontal	201	2.97	-	34.36	7.02	34.97
PK	5.744G	116.39	Inf	-Inf	110.00	3	Horizontal	201	2.97	-	34.30	7.03	34.94
AV	5.744G	101.12	Inf	-Inf	94.73	3	Horizontal	201	2.97	-	34.30	7.03	34.94
PK	5.929G	62.94	68.20	-5.26	56.19	3	Horizontal	201	2.97	-	34.59	7.05	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5775MHz_TX



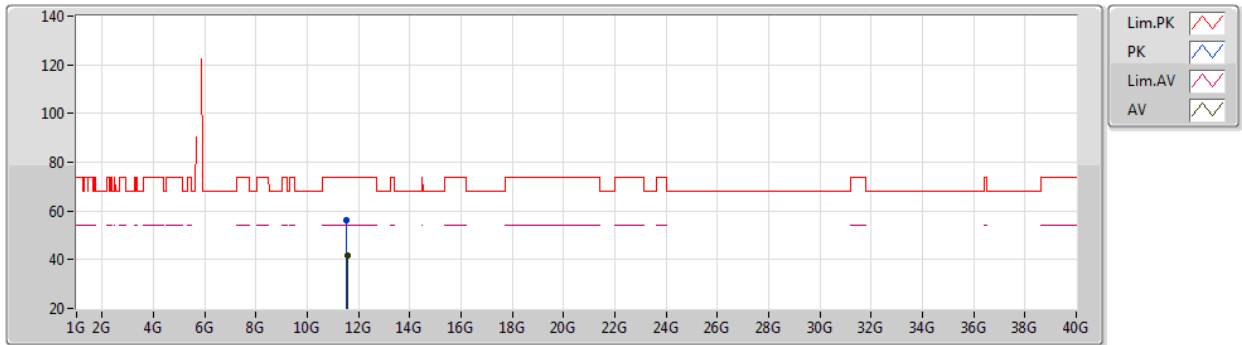
EUT Y_4TX
Setting 77
03-A-B-2

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	11.53524G	55.58	74.00	-18.42	41.23	3	Vertical	141	2.42	-	38.87	10.17	34.69
AV	11.56338G	41.70	54.00	-12.30	27.33	3	Vertical	141	2.42	-	38.89	10.17	34.69

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

27/02/2020

5775MHz_TX



EUT Y_4TX
Setting 77
03-A-B-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	11.5395G	56.30	74.00	-17.70	41.94	3	Horizontal	280	1.20	-	38.88	10.17	34.69
AV	11.56176G	41.93	54.00	-12.07	27.56	3	Horizontal	280	1.20	-	38.89	10.17	34.69