



RADIO TEST REPORT

FCC ID : MSQ-RTAXE4P00
Equipment : AXE11000 Tri Band WiFi Router
Brand Name : ASUS
Model Name : ET12, ZenWiFi ET12, ASUS ZenWiFi ET12
Applicant : ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan
Manufacturer (1) : Compal Networking (KunShan) Co., LTD.
No. 520, Nanbang Rd., Economic & Technical
Development Zone Kunshan, Jiangsu Province
China
Manufacturer (2) : ARCADYAN TECHNOLOGY (VIETNAM) CO., LTD.
Ba Thien Industrial Park, Ba Hien commune, Binh
Xuyen district, Vinh Phuc Province
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 19, 2021, and testing was started from Jul. 26, 2021 and completed on Nov. 15, 2021. We, Sporton International Inc. Hsinchu 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 test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Cliff Chang

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
Note: Reference to Sporton Project No.: FR0D2518				

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: Jessie Wei



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

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



Band	Mode	BWch (MHz)	Nant
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	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-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	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20, HEW40, HEW80, 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.	Port				Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth					
1	-	-	3	-	WHA YU	C660-510565-A	PIFA	I-PEX	Note1
2	-	-	2	-	WHA YU	C660-510565-A	PIFA	I-PEX	
3	-	-	1	-	WHA YU	C660-510565-A	PIFA	I-PEX	
4	-	-	4	-	WHA YU	C660-510565-A	PIFA	I-PEX	
5	3	2	-	-	WHA YU	C660-510565-A	PIFA	I-PEX	
6	4	1	-	-	WHA YU	C660-510565-A	PIFA	I-PEX	
7	1	4	-	-	WHA YU	C660-510565-A	PIFA	I-PEX	
8	2	3	-	-	WHA YU	C660-510565-A	PIFA	I-PEX	
9	-	-	-	1	YAGEO	ANT3216A063R2400A	Chip	N/A	

Note1:

Ant.	Port				Antenna Gain (dBi)									
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz				Bluetooth
						UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8	
1	-	-	3	-	-	-	-	-	-	0.97	0.81	1.07	1.14	-
2	-	-	2	-	-	-	-	-	-					-
3	-	-	1	-	-	-	-	-	-					-
4	-	-	4	-	-	-	-	-	-					-
5	3	2	-	-	3.03	3.63	3.43	3.18	4.44	-	-	-	-	-
6	4	1	-	-	2.13	4.04	3.59	2.73	3.14	-	-	-	-	-
7	1	4	-	-	2.34	2.76	3.12	3.17	3.46	-	-	-	-	-
8	2	3	-	-	3.67	4.17	4.44	4.41	4.94	-	-	-	-	-
9	-	-	-	1	-	-	-	-	-	-	-	-	-	1.69

Directional Gain (dBi)									
WLAN 2.4GHz		WLAN 5GHz UNII 1		WLAN 5GHz UNII 2A		WLAN 5GHz UNII 2C		WLAN 5GHz UNII 3	
4T1S	4T2S	4T1S	4T2S	4T1S	4T2S	4T1S	4T2S	4T1S	4T2S
6.66	3.67	4.32	4.17	5.3	4.44	4.83	4.41	5.09	4.94

Note2: The above information was declared by manufacturer.

WLAN 6GHz: The directional gain is calculated which follows the procedure of KDB 662911 D01.

WLAN 2.4GHz/5GHz: The directional gain is measured which follows the procedure of KDB 662911 D03.

The antenna report is provided in the operational description for this application.

For 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):



Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For 5GHz function:**For IEEE 802.11a/n/ac/ax (4TX/4RX):**

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For 6GHz function:**For IEEE 802.11ax (4TX/4RX):**

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Bluetooth Function:**For Bluetooth mode (1TX/1RX)**

Only Port 1 can be use as transmit and receive antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.958	0.19	2.064m	1k
802.11ax HEW20-BF	0.956	0.2	2.926m	1k
802.11ax HEW40-BF	0.96	0.18	4.36m	300
802.11ax HEW80	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80-BF	0.955	0.2	4.145m	300
802.11ax HEW160	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160-BF	0.968	0.14	5.193m	300

Note:

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

1.1.4 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, n/ac/ax in 5GHz and ax in 6GHz.			
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(ver 3.2.1.3), DOS [6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Brand Name	Model Name	Description
ASUS	ET12	All the models are identical, the different model names served as a marketing strategy.
	ZenWiFi ET12	
	ASUS ZenWiFi ET12	

Note: From the above model: ET12 was selected as representative model for the test and its data was recorded in this report.

The above information was declared by manufacturer.

1.1.6 Table for components source information

Items	Main Source	Second Source
Transceiver (2.5G LAN)	Brand: MAXLINEAR Model: GPY211	Brand: Broadcom Model: BCM50991

Note: The above information was declared by manufacturer.

1.1.7 Table for EUT Supports Function

Function	Support Type	Remark
AP Router	Master	Support 2.4GHz/5GHz/6GHz
Bridge	Slave without radar detection	Support 2.4GHz/5GHz
Repeater	Master	Support 2.4GHz/5GHz
Mesh	Master	Support 2.4GHz/5GHz/6GHz

Note: From the above, AP Router (Master) has been selected to test AC power-line conducted emissions and Unwanted Emissions below 1GHz.

The above information was declared by manufacturer.



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 D03 v01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Lucas Huang	22.5~24.2 / 53~56	Sep. 28, 2021~ Nov. 15, 2021
Radiated<1GHz	03CH05-CB	Stim Sung	23.5~24.6 / 55~59	Oct. 14, 2021 ~ Oct. 19, 2021
Radiated>1GHz	03CH06-CB	Stim Sung	24.4~25.5 / 55~58	Jul. 26, 2021 ~ Nov. 12, 2021
Radiated Co-location	03CH05-CB	Stim Sung	23.5~24.6 / 55-59	Oct. 04, 2021
AC Conduction	CO01-CB	Peter Wu	22~24 / 58~60	Sep. 09, 2021



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	71
5300MHz	71
5320MHz	71
5500MHz	72
5580MHz	73
5700MHz	73
5720MHz Straddle 5.47-5.725GHz	75
5720MHz Straddle 5.725-5.85GHz	75
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	70
5300MHz	70
5320MHz	70
5500MHz	71
5580MHz	72
5700MHz	43
5720MHz Straddle 5.47-5.725GHz	75
5720MHz Straddle 5.725-5.85GHz	75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	72
5310MHz	71
5510MHz	71
5550MHz	72
5670MHz	73
5710MHz Straddle 5.47-5.725GHz	75
5710MHz Straddle 5.725-5.85GHz	75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	72
5530MHz	72
5610MHz	72
5690MHz Straddle 5.47-5.725GHz	75
5690MHz Straddle 5.725-5.85GHz	75
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	77
5250MHz Straddle 5.25-5.35GHz	77
5570MHz	70



- ♦ Note1: There are two modes of EUT for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode, after evaluating, beamforming mode has been evaluated to be the worst case, so it was selected to test and record in this test report.
- ♦ Note2: Evaluated HEW20/HEW40/HEW80/HEW160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT + 2.5G-PHY(Main source) + Adapter 1
2	EUT + 2.5G-PHY(Main source) + Adapter 2
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT + 2.5G-PHY (Second source) + Adapter 1
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT + 2.5G-PHY(Main source)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis + 2.5G-PHY(Main source) + Adapter 1
2	EUT in Y axis + 2.5G-PHY(Main source) + Adapter 2
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT in Y axis + 2.5G-PHY (Second source) + Adapter 1
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
	CTX - EUT in Y axis + 2.5G-PHY(Main source)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis + 2.5G-PHY(Main source) / WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT + 2.5G-PHY(Main source) / WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + Bluetooth
Refer to Sporton Test Report No.: FA0D2518-01 for Co-location RF Exposure Evaluation.	



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 DOS(ver 6.1.7601).
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories				
Equipment Name	Brand Name	Model Name	Rating	Remark
Adapter 1	DELTA	ADP-45FE F	INPUT: 100-240V~1.2A, 50-60Hz OUTPUT: 19.0V, 2.37A, 45.0W	With the DC Power cable: Non-shielded, 1.5m
Adapter 2	AcBel	ADH011	INPUT: 100-240V~1.4A, 50-60Hz OUTPUT: 19.5V, 2.31A, 45.0W	With the DC Power cable: Non-shielded, 1.5m
Others				
Power cable*1: Non-shielded, 0.9m RJ-45 cable*1: Non-shielded, 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	2.5G WAN PC	DELL	T3400	N/A
B	2.5G LAN PC	DELL	T3400	N/A
C	LAN1 NB	DELL	E6430	N/A
D	LAN2 NB	DELL	E6430	N/A
E	2G NB	DELL	E6430	N/A
F	5G NB	DELL	E6430	N/A
G	6G Device	ASUS	ET12	MSQ-RTAXE4P00
H	Device NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	2.5G WAN PC	DELL	E4300	N/A
B	2.5G LAN PC	DELL	E4300	N/A
C	6G NB	DELL	E4300	N/A
D	2G NB	DELL	E4300	N/A
E	5G NB	DELL	E4300	N/A
F	6G Device	ASUS	ET12	MSQ-RTAXE4P00
G	LAN1 NB	DELL	E4300	N/A
H	LAN2 NB	DELL	E4300	N/A



For Radiated (above 1GHz):
For Non-beamforming mode:

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

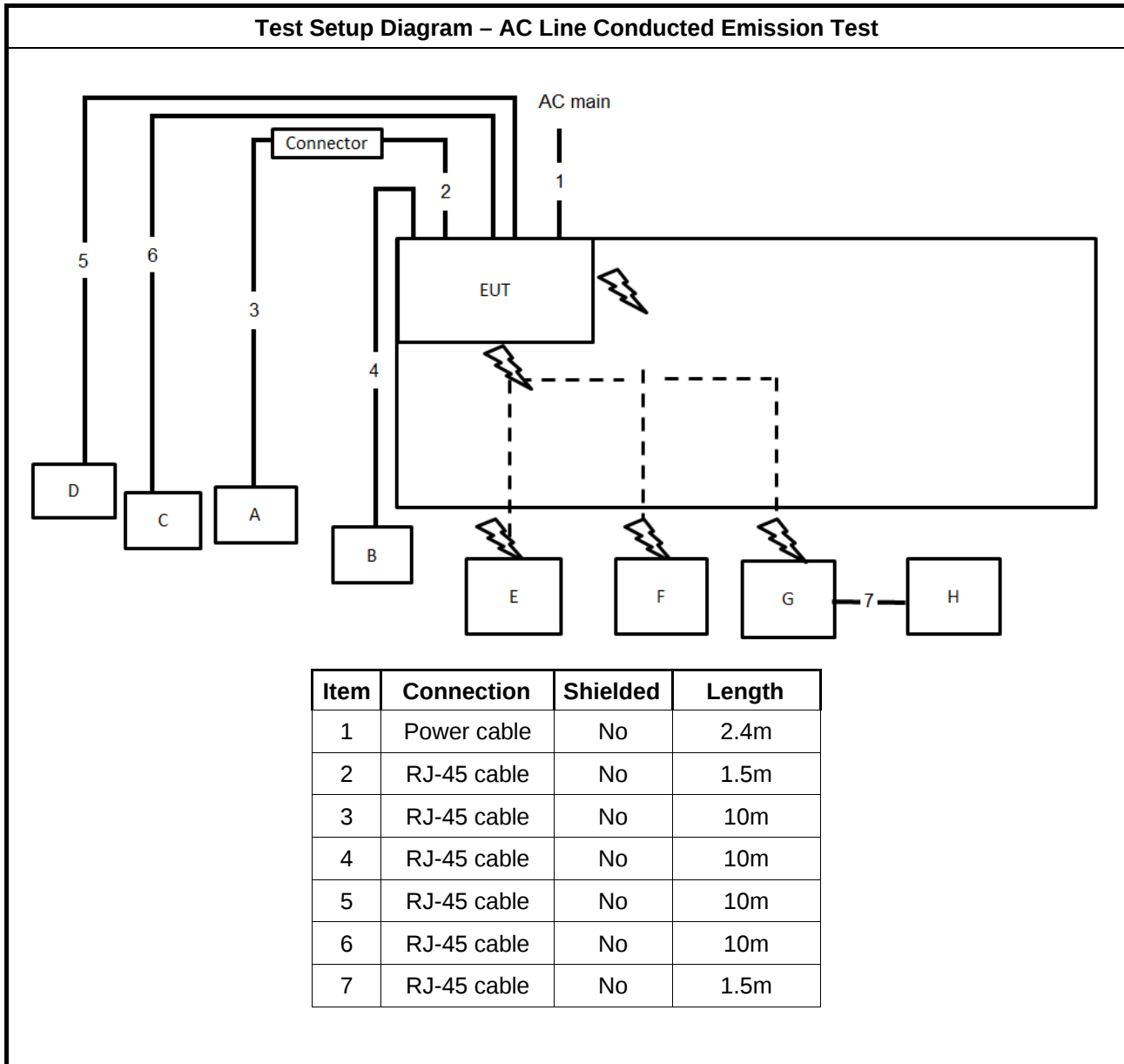
For Beamforming mode:

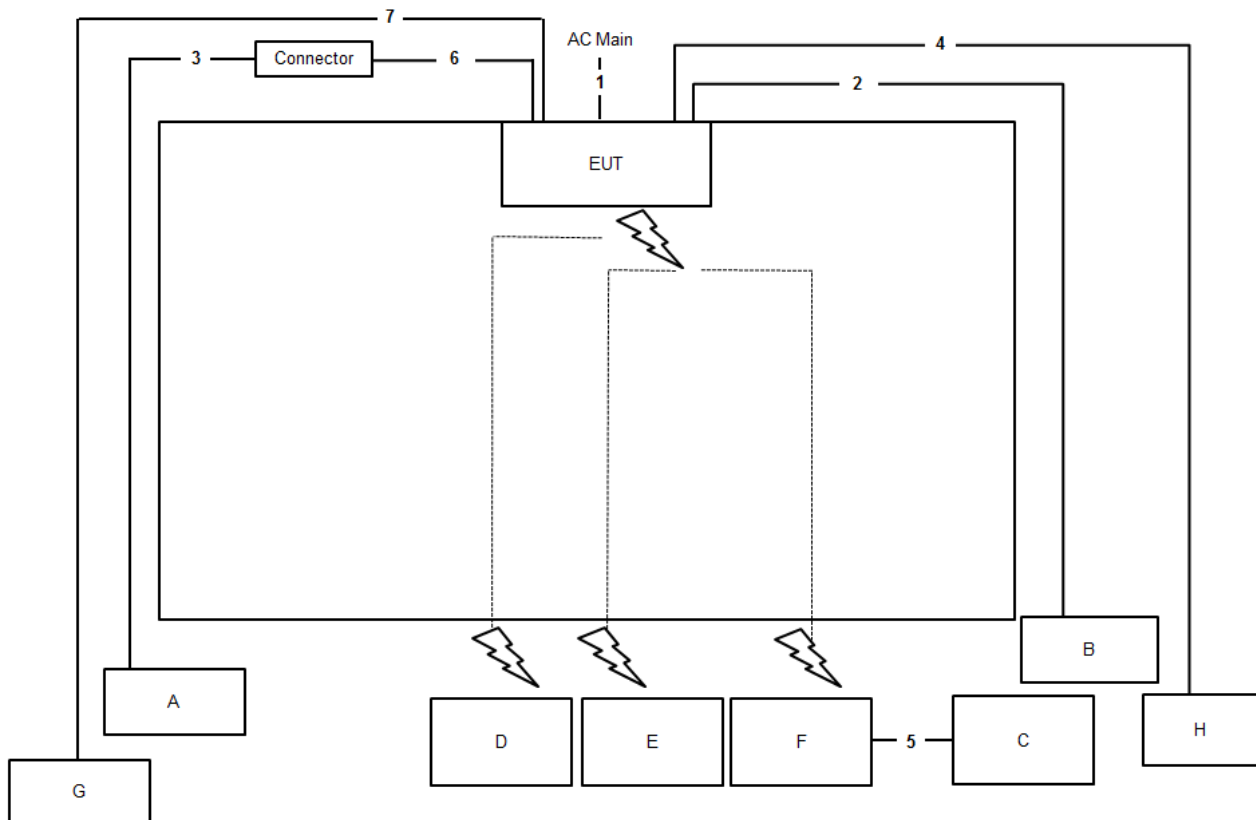
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	RX Device	ASUS	ET12	MSQ-RTAXE4P00
C	Notebook	DELL	E4300	N/A

For RF Conducted:

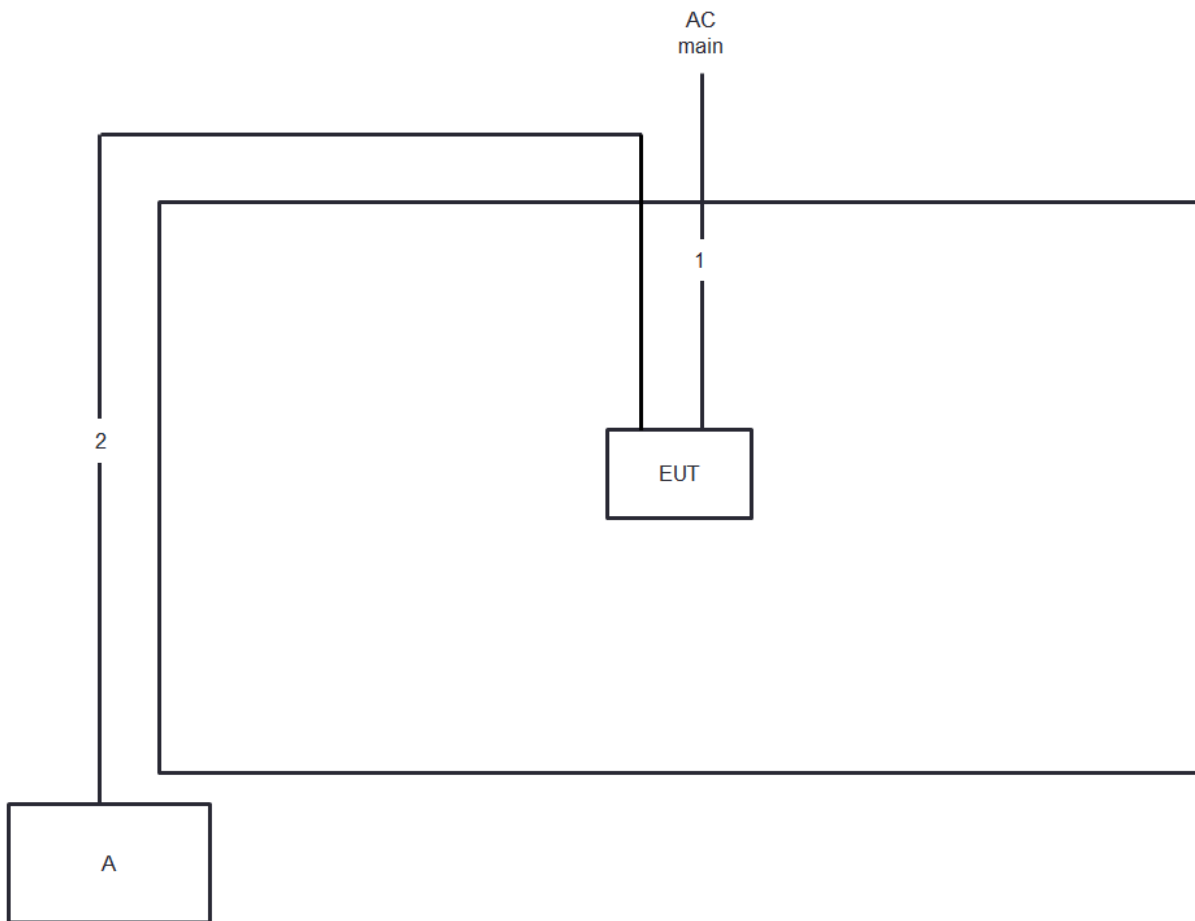
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram



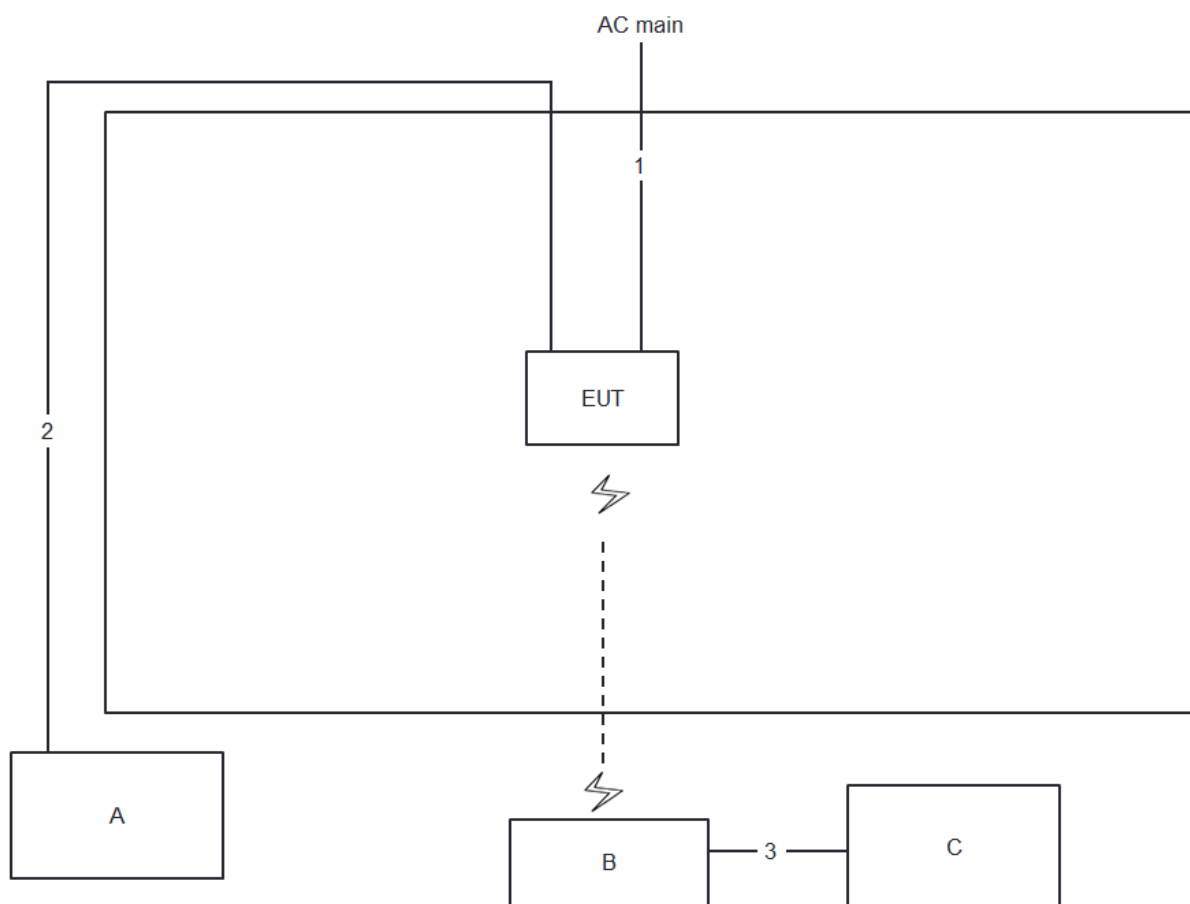
Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1.5m
6	RJ-45 cable	No	1.5m
7	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / Non-beamforming mode


Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

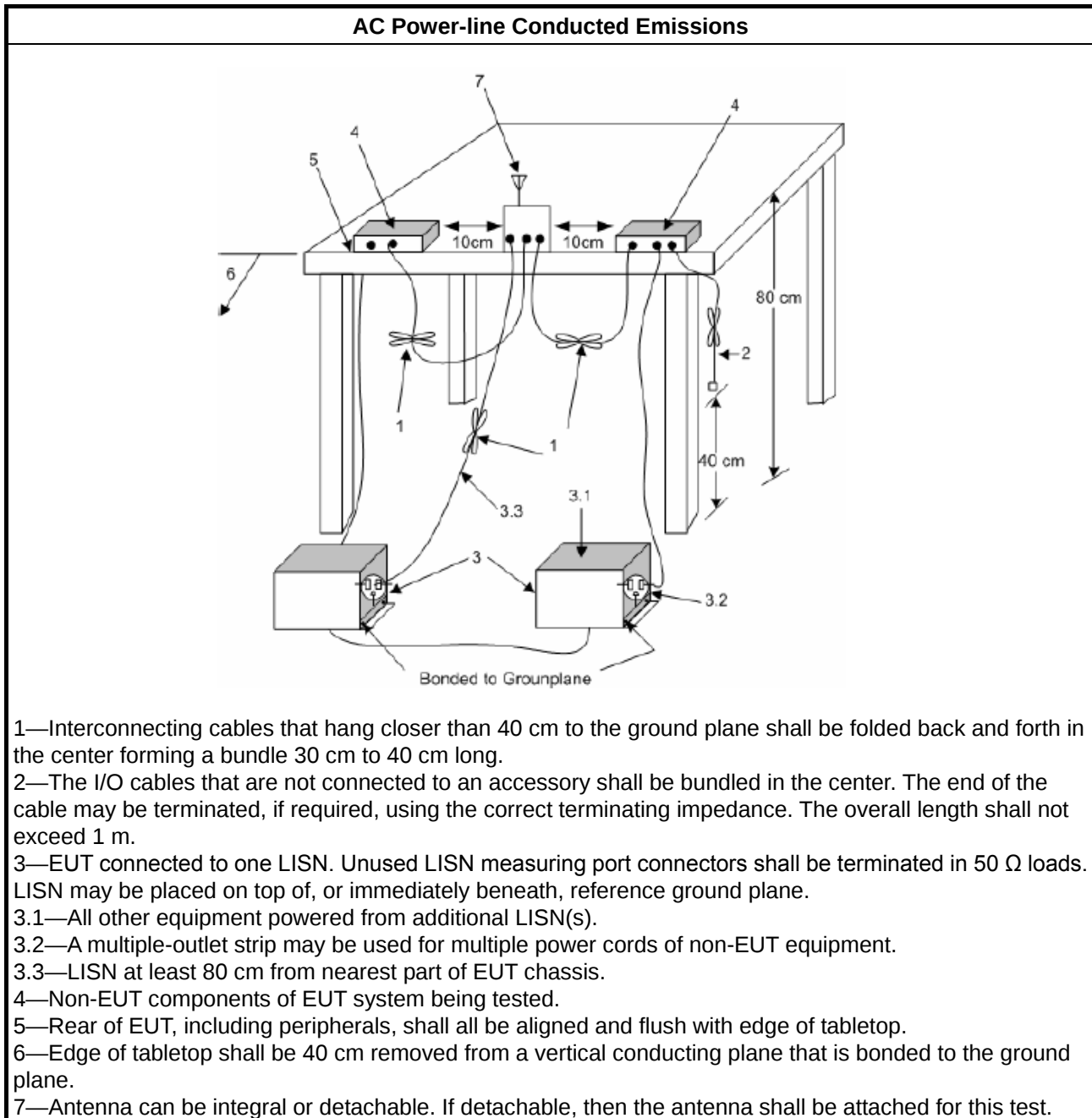
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.
☐	For the 5.85-5.895 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

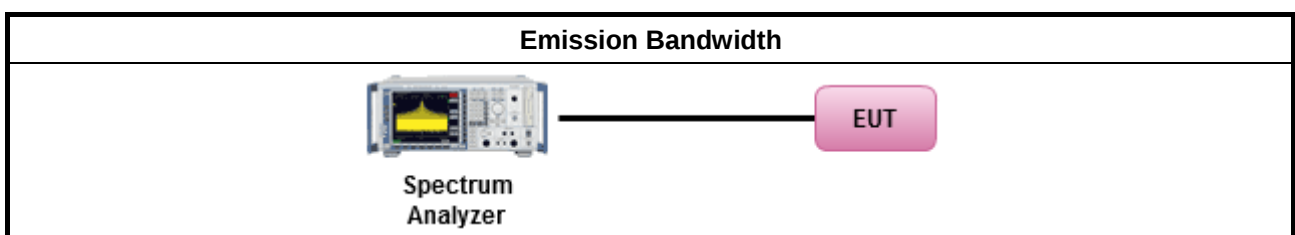
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☐ For the 5.85-5.895 GHz band:	
	- Indoor AP & subordinate device < 36 dBm - Client device < 30 dBm
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.



P_{Out} = maximum conducted output power in dBm,
G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.3.2 Measuring Instruments

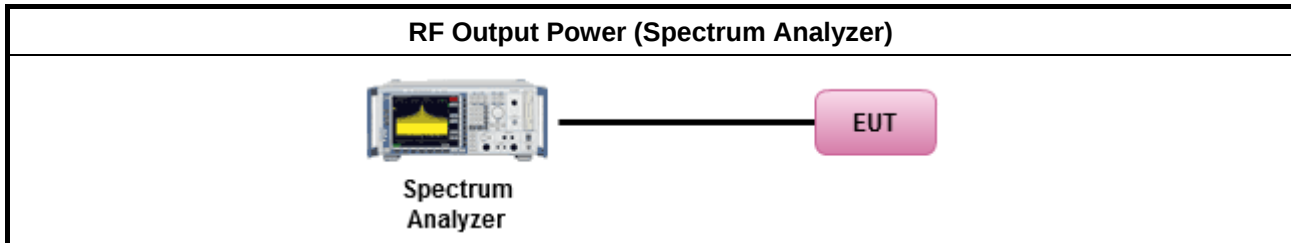
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

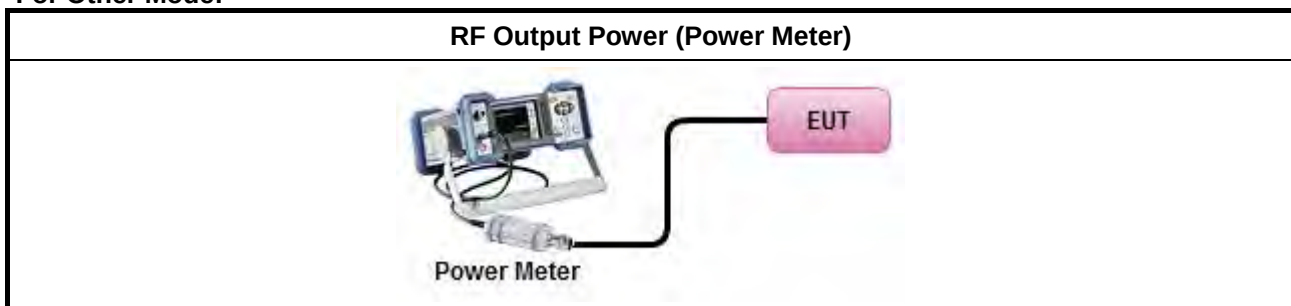
Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over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

3.3.4 Test Setup

For Straddle channel Mode:



For Other Mode:



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☐ For the 5.85-5.895 GHz band:	
	- Indoor AP & subordinate device < 20dBm/MHz - Client device < 14dBm/MHz
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; $-13 - 0.716(\theta - 8)$ dBW/MHz for $8^\circ \leq \theta < 40^\circ$ $-35.9 - 1.22(\theta - 40)$ dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	



power shall be used to determine the power spectral density. And power spectral density in dBm/MHz
 G_{TX} = the maximum transmitting antenna directional gain in dBi.

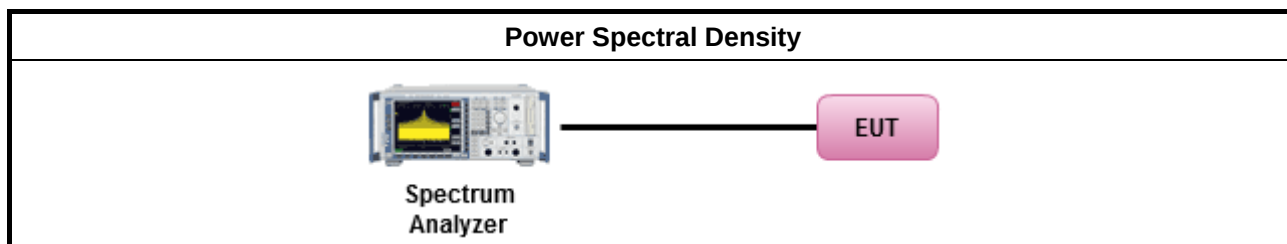
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

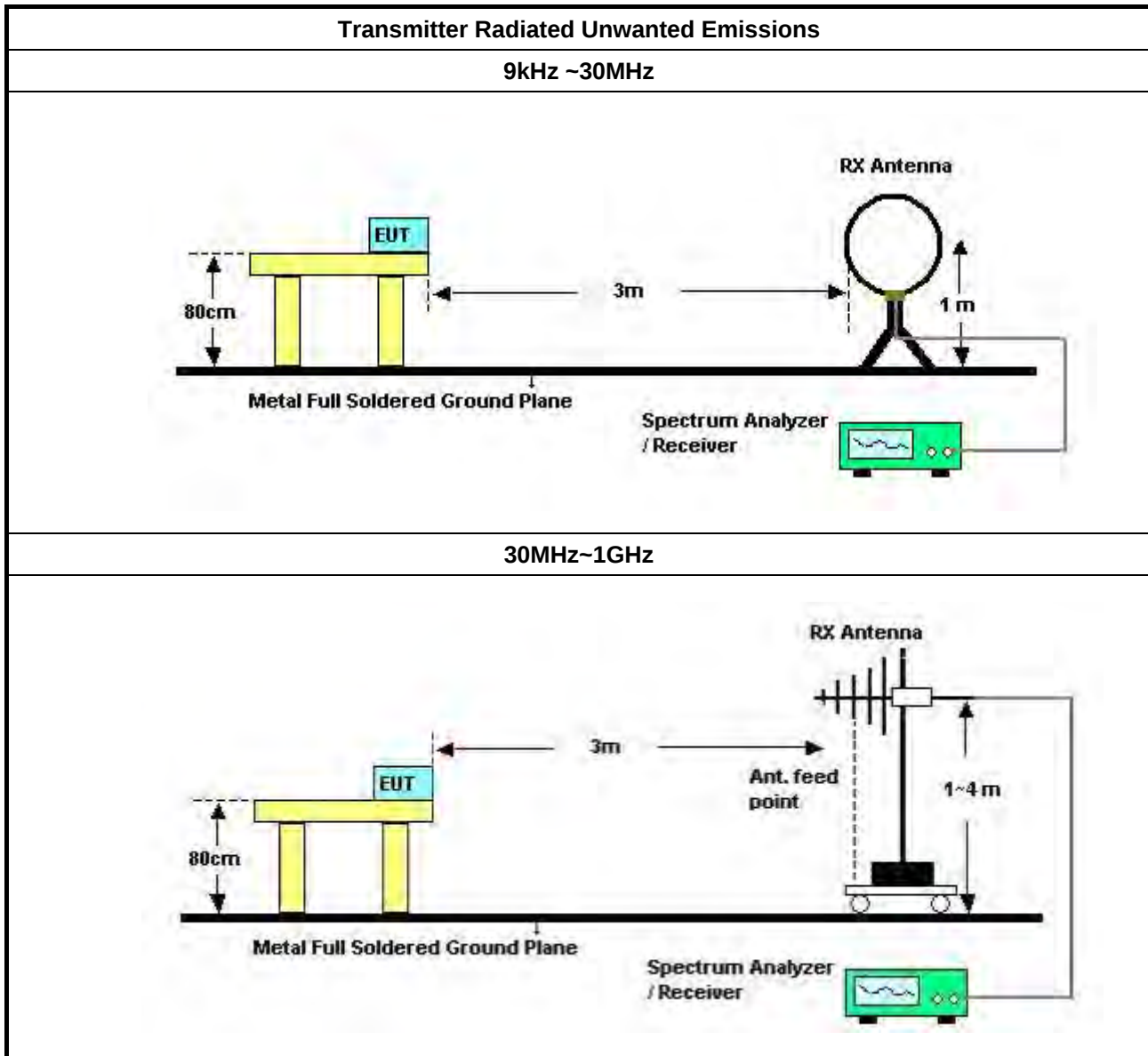
Refer a test equipment and calibration data table in this test report.

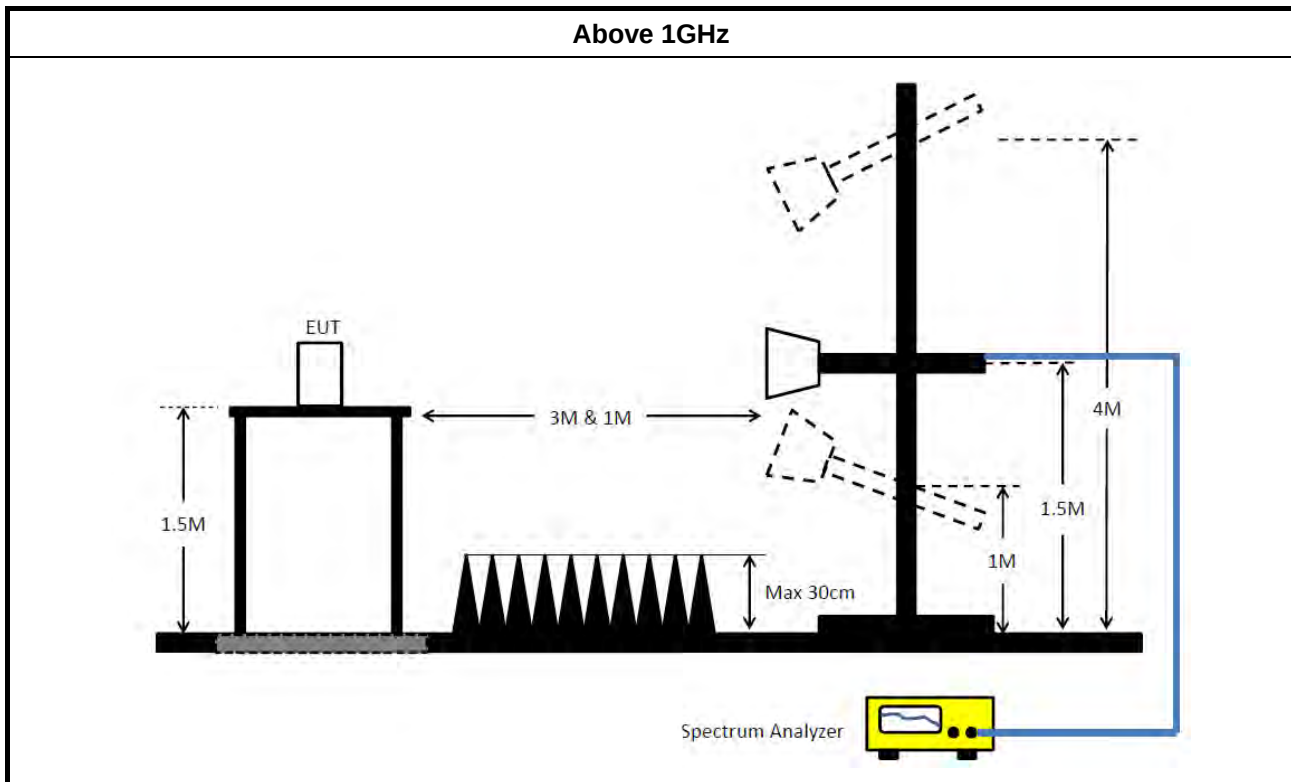


3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 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.	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 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 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 01, 2021	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 21, 2020	Sep. 20, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

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



Conducted Emissions at Powerline

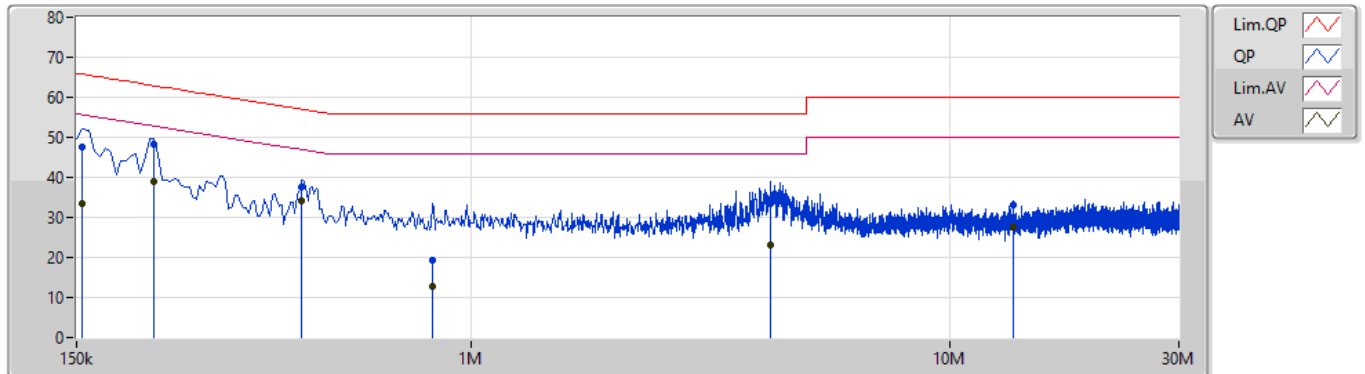
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	442.5k	37.48	47.01	-9.53	Neutral

Mode 3

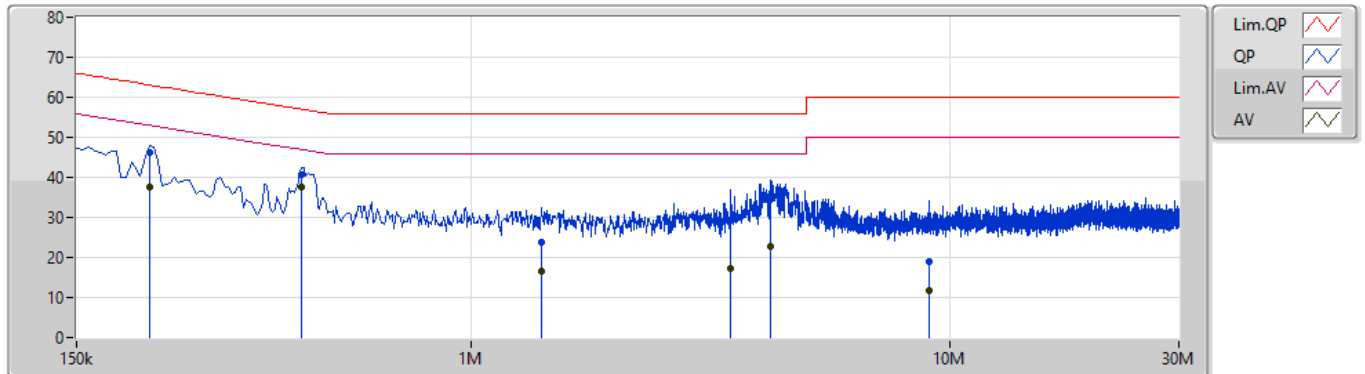
09/09/2021



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.5k	47.74	65.75	-18.01	9.89	Line	-	37.85	0.04	0.04	9.81			
AV	154.5k	33.52	55.75	-22.23	9.89	Line	-	23.63	0.04	0.04	9.81			
QP	217.5k	48.24	62.92	-14.68	9.89	Line	-	38.35	0.04	0.04	9.81			
AV	217.5k	39.13	52.92	-13.79	9.89	Line	-	29.24	0.04	0.04	9.81			
QP	442.5k	37.71	57.01	-19.30	9.90	Line	-	27.81	0.04	0.04	9.82			
AV	442.5k	34.12	47.01	-12.89	9.90	Line	"Worst"	24.22	0.04	0.04	9.82			
QP	829.5k	19.48	56.00	-36.52	9.93	Line	-	9.55	0.06	0.04	9.83			
AV	829.5k	12.63	46.00	-33.37	9.93	Line	-	2.70	0.06	0.04	9.83			
QP	4.209M	33.50	56.00	-22.50	10.12	Line	-	23.38	0.13	0.12	9.87			
AV	4.209M	23.21	46.00	-22.79	10.12	Line	-	13.09	0.13	0.12	9.87			
QP	13.56M	33.17	60.00	-26.83	10.34	Line	-	22.83	0.26	0.17	9.91			
AV	13.56M	27.59	50.00	-22.41	10.34	Line	-	17.25	0.26	0.17	9.91			

Mode 3

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Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	213k	46.13	63.09	-16.96	9.88	Neutral	-	36.25	0.03	0.04	9.81			
AV	213k	37.59	53.09	-15.50	9.88	Neutral	-	27.71	0.03	0.04	9.81			
QP	442.5k	40.77	57.01	-16.24	9.89	Neutral	-	30.88	0.03	0.04	9.82			
AV	442.5k	37.48	47.01	-9.53	9.89	Neutral	"Worst"	27.59	0.03	0.04	9.82			
QP	1.406M	23.72	56.00	-32.28	9.94	Neutral	-	13.78	0.06	0.05	9.83			
AV	1.406M	16.57	46.00	-29.43	9.94	Neutral	-	6.63	0.06	0.05	9.83			
QP	3.476M	29.14	56.00	-26.86	10.06	Neutral	-	19.08	0.09	0.11	9.86			
AV	3.476M	17.30	46.00	-28.70	10.06	Neutral	-	7.24	0.09	0.11	9.86			
QP	4.227M	34.46	56.00	-21.54	10.10	Neutral	-	24.36	0.11	0.12	9.87			
AV	4.227M	22.73	46.00	-23.27	10.10	Neutral	-	12.63	0.11	0.12	9.87			
QP	9.006M	18.89	60.00	-41.11	10.25	Neutral	-	8.64	0.19	0.16	9.90			
AV	9.006M	11.89	50.00	-38.11	10.25	Neutral	-	1.64	0.19	0.16	9.90			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.14M	17.391M	17M4D1D	22.44M	17.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.28M	17.451M	17M5D1D	15.84M	13.733M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.16M	4.998M	5M00D1D	3.14M	4.878M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

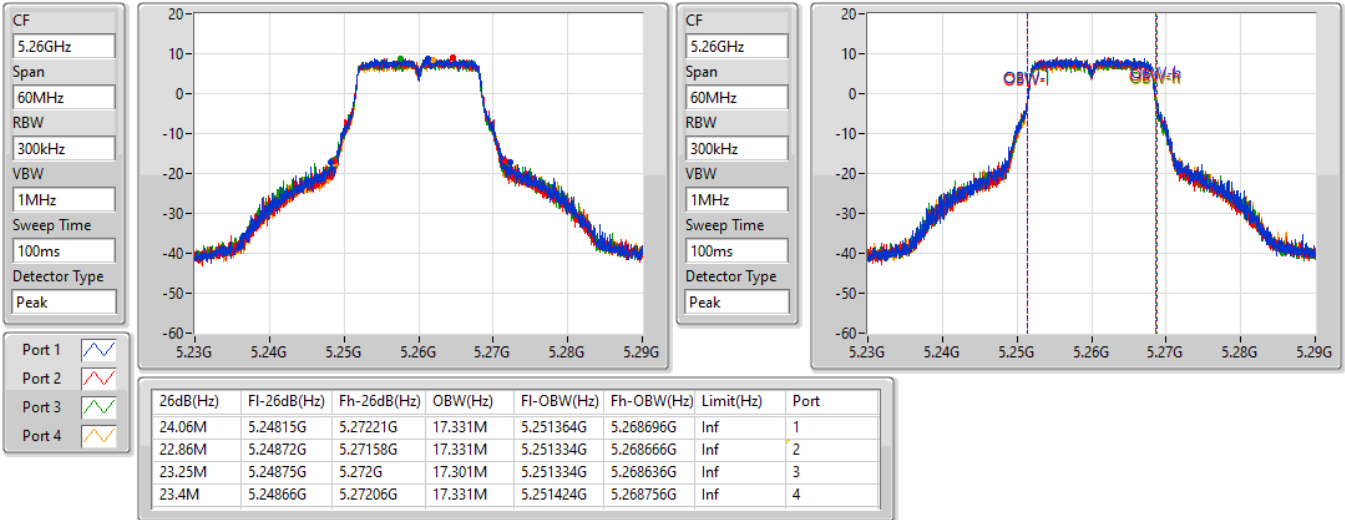
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	24.06M	17.331M	22.86M	17.331M	23.25M	17.301M	23.4M	17.331M
5300MHz	Pass	Inf	23.01M	17.391M	22.8M	17.361M	22.53M	17.271M	23.16M	17.271M
5320MHz	Pass	Inf	23.46M	17.301M	22.44M	17.361M	23.76M	17.241M	25.14M	17.361M
5500MHz	Pass	Inf	24.33M	17.331M	23.16M	17.331M	22.95M	17.301M	26.28M	17.301M
5580MHz	Pass	Inf	23.28M	17.271M	22.89M	17.451M	22.44M	17.301M	23.61M	17.241M
5700MHz	Pass	Inf	24.66M	17.331M	22.02M	17.391M	23.28M	17.271M	24.96M	17.241M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.035M	13.838M	16.2M	13.883M	15.84M	13.823M	15.915M	13.733M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.878M	3.16M	4.998M	3.16M	4.978M	3.16M	4.958M

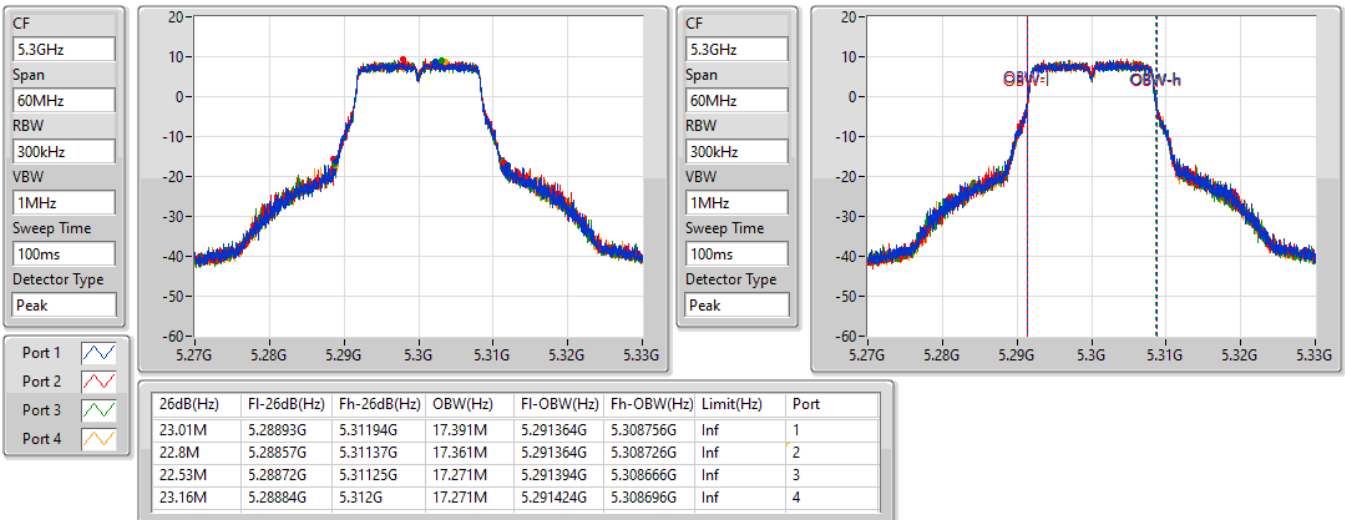
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

28/09/2021

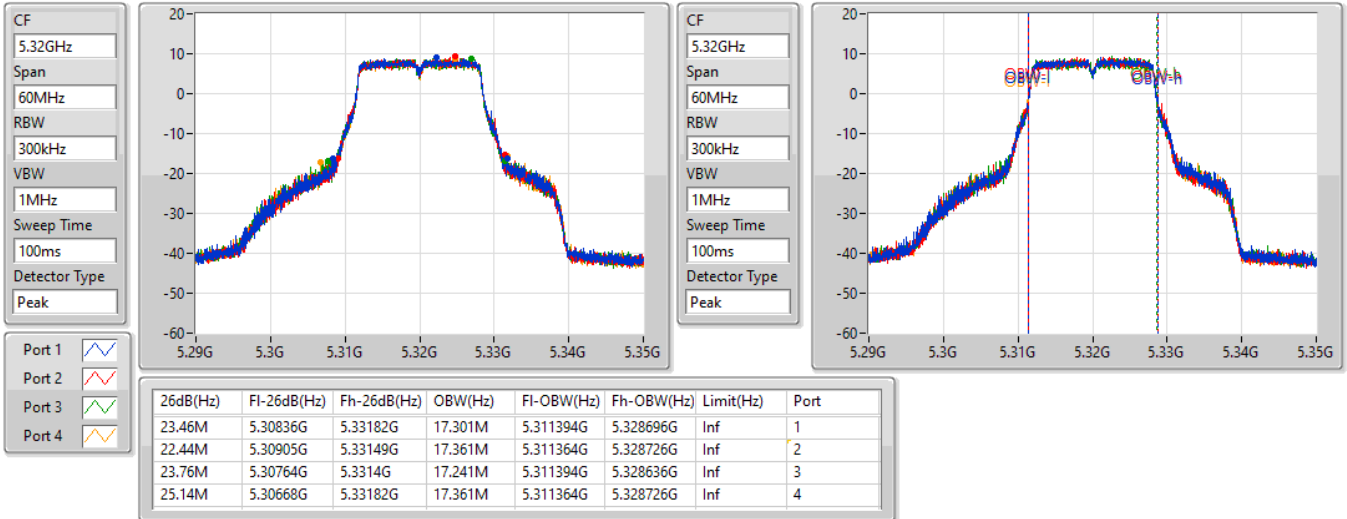

802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

28/09/2021

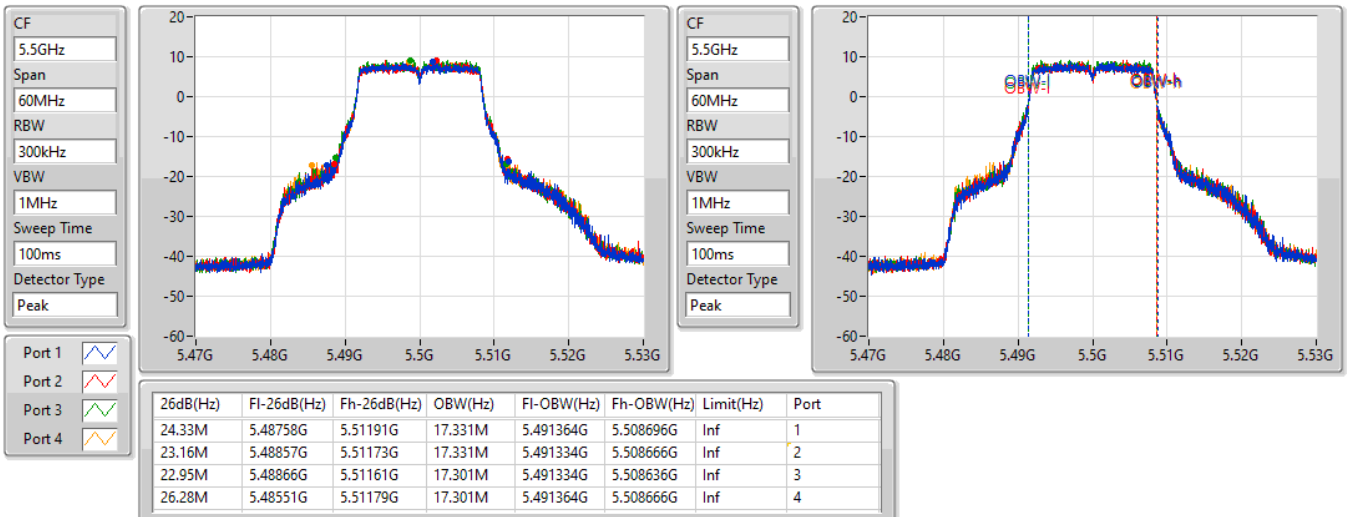


802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

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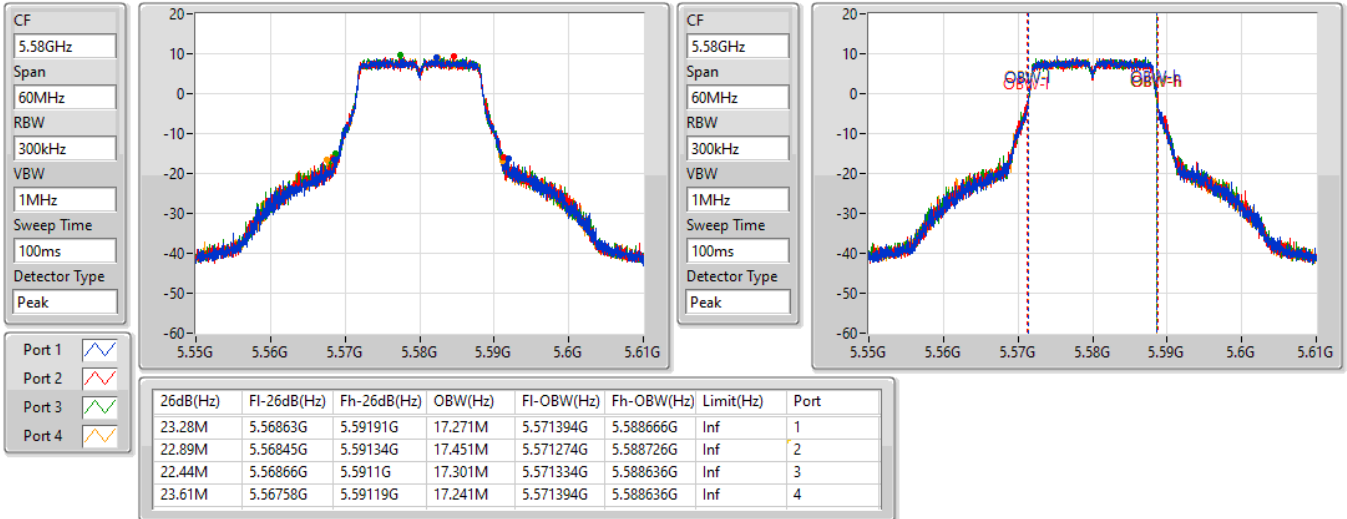

802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

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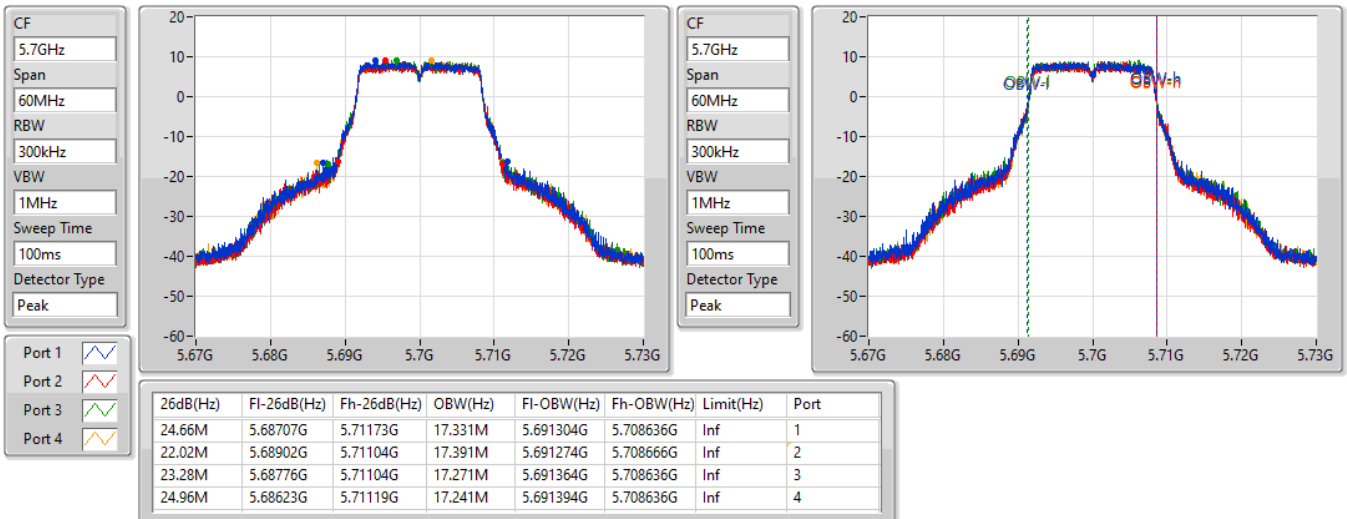


802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

28/09/2021

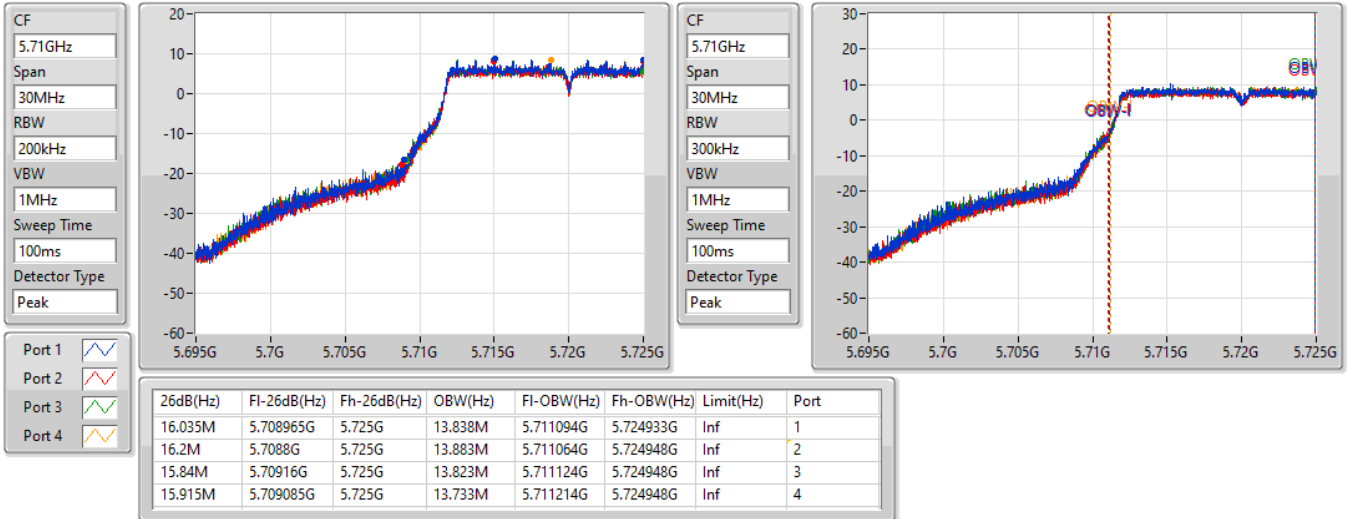

802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

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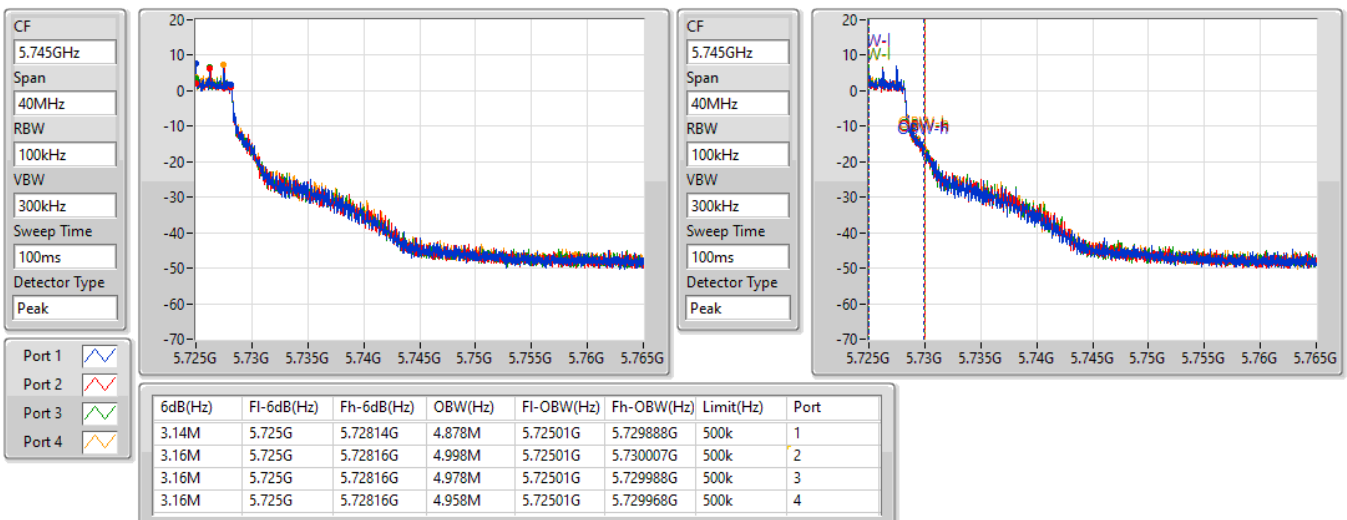


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

28/09/2021


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

28/09/2021



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.2M	78.521M	78M5D1D	82.4M	78.361M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.42M	19.31M	19M3D1D	21.96M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	50.34M	38.201M	38M2D1D	41.28M	38.141M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	88.68M	78.081M	78M1D1D	83.76M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.2M	78.681M	78M7D1D	82.32M	78.521M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.45M	19.25M	19M2D1D	16.185M	14.648M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	52.44M	38.201M	38M2D1D	36.19M	33.933M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	87.36M	78.081M	78M1D1D	76.35M	73.538M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.6M	156.882M	157MD1D	164.4M	156.642M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.52M	5.497M	5M50D1D	4.36M	5.337M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.88M	10.195M	10M2D1D	3.72M	8.556M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.08M	19.81M	19M8D1D	3.64M	18.311M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

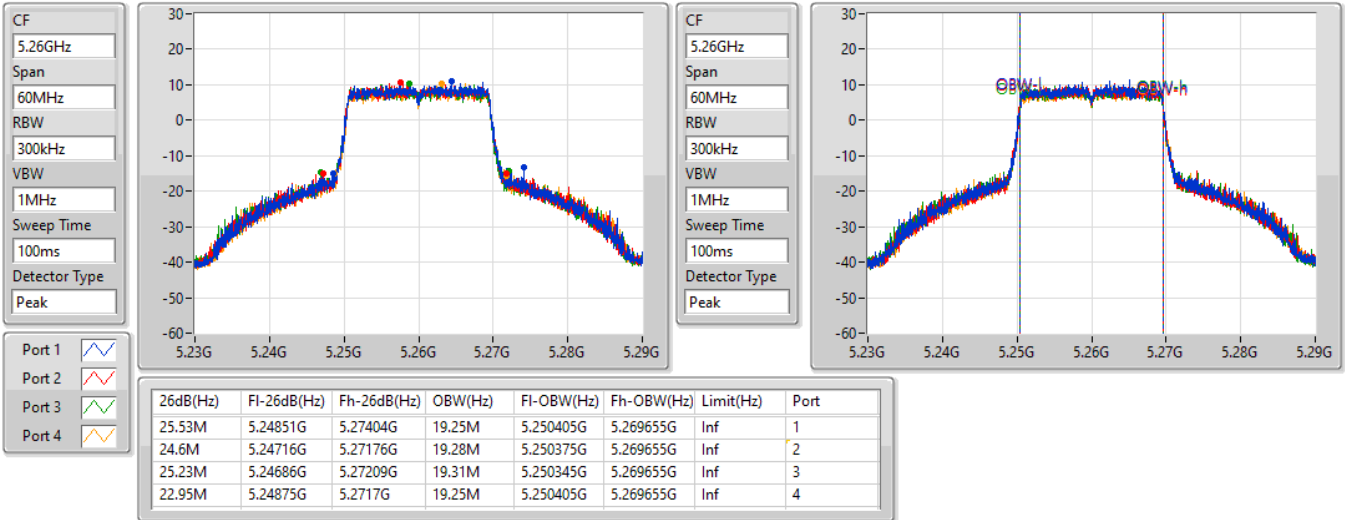
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	25.53M	19.25M	24.6M	19.28M	25.23M	19.31M	22.95M	19.25M
5300MHz	Pass	Inf	23.52M	19.25M	25.59M	19.19M	21.96M	19.25M	23.73M	19.22M
5320MHz	Pass	Inf	26.31M	19.25M	24.6M	19.25M	26.73M	19.25M	27.42M	19.28M
5500MHz	Pass	Inf	25.35M	19.25M	23.73M	19.25M	25.44M	19.22M	27.45M	19.19M
5580MHz	Pass	Inf	24.48M	19.22M	23.52M	19.25M	25.47M	19.22M	22.71M	19.22M
5700MHz	Pass	Inf	23.25M	19.22M	23.82M	19.25M	22.32M	19.25M	22.26M	19.25M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.185M	14.663M	20.76M	14.648M	17.73M	14.663M	16.185M	14.678M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	5.497M	4.52M	5.337M	4.36M	5.397M	4.42M	5.437M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	42.06M	38.141M	42.54M	38.201M	41.28M	38.201M	41.7M	38.141M
5310MHz	Pass	Inf	48.12M	38.201M	48.54M	38.201M	50.34M	38.141M	43.98M	38.141M
5510MHz	Pass	Inf	45.84M	38.141M	45.06M	38.141M	52.44M	38.201M	42.24M	38.081M
5550MHz	Pass	Inf	43.56M	38.141M	42.3M	38.201M	42.72M	38.141M	42.54M	38.081M
5670MHz	Pass	Inf	42.36M	38.081M	42.9M	38.081M	41.94M	38.081M	41.7M	38.141M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.645M	33.933M	36.47M	33.968M	36.19M	33.968M	38.92M	33.968M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	8.556M	3.88M	9.915M	3.86M	9.395M	3.88M	10.195M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	84.24M	78.081M	83.76M	77.961M	88.68M	78.081M	85.68M	77.721M
5530MHz	Pass	Inf	85.92M	77.961M	84.48M	77.961M	84.72M	78.081M	87.36M	77.961M
5610MHz	Pass	Inf	84.24M	78.081M	86.76M	77.961M	83.16M	77.961M	82.68M	77.841M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	80.625M	73.763M	80.7M	73.538M	77.175M	73.613M	76.35M	73.763M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	19.51M	3.86M	18.311M	3.64M	19.29M	3.78M	19.81M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.72M	78.441M	83.2M	78.521M	83.04M	78.361M	82.4M	78.361M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.2M	78.521M	82.88M	78.681M	82.32M	78.521M	82.88M	78.521M
5570MHz	Pass	Inf	164.4M	156.642M	165.6M	156.882M	164.88M	156.882M	164.88M	156.642M

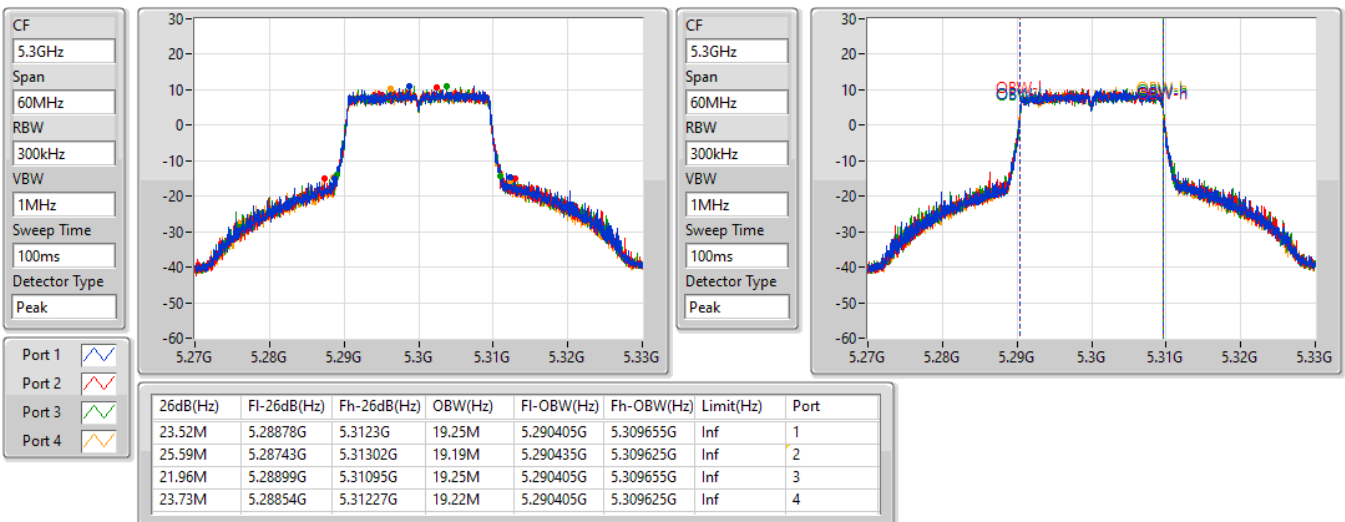
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5260MHz

28/09/2021

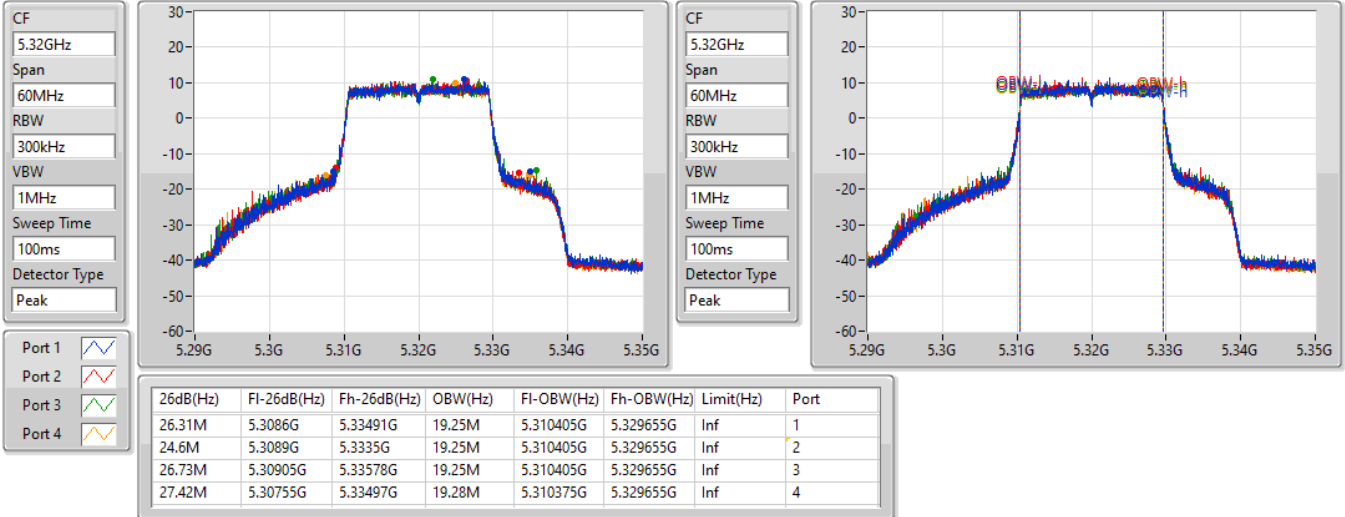

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

28/09/2021

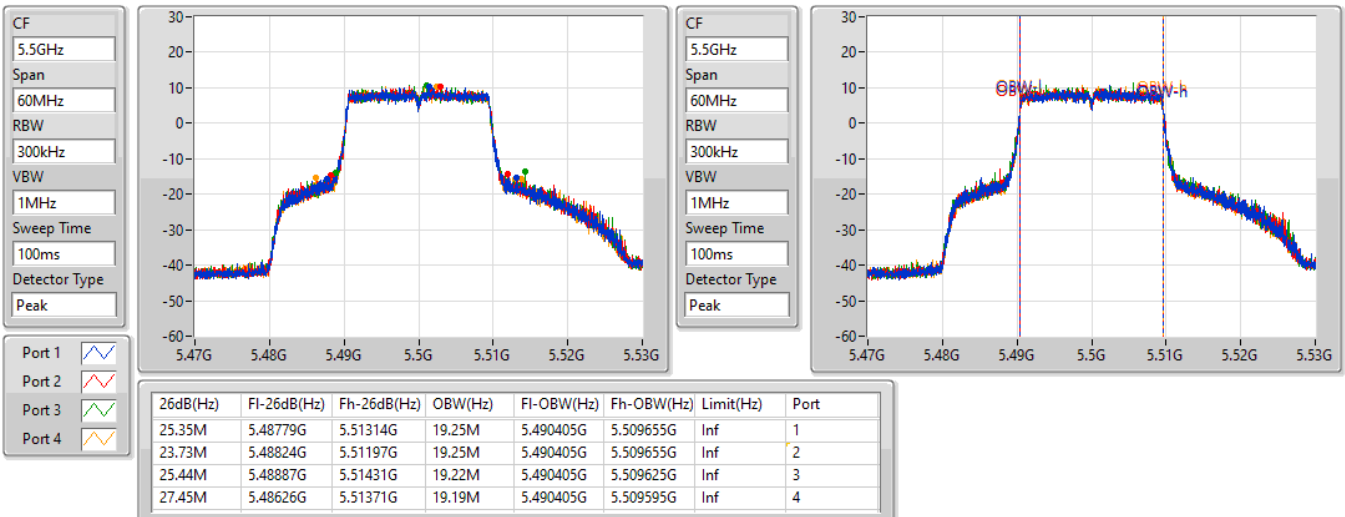


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

28/09/2021

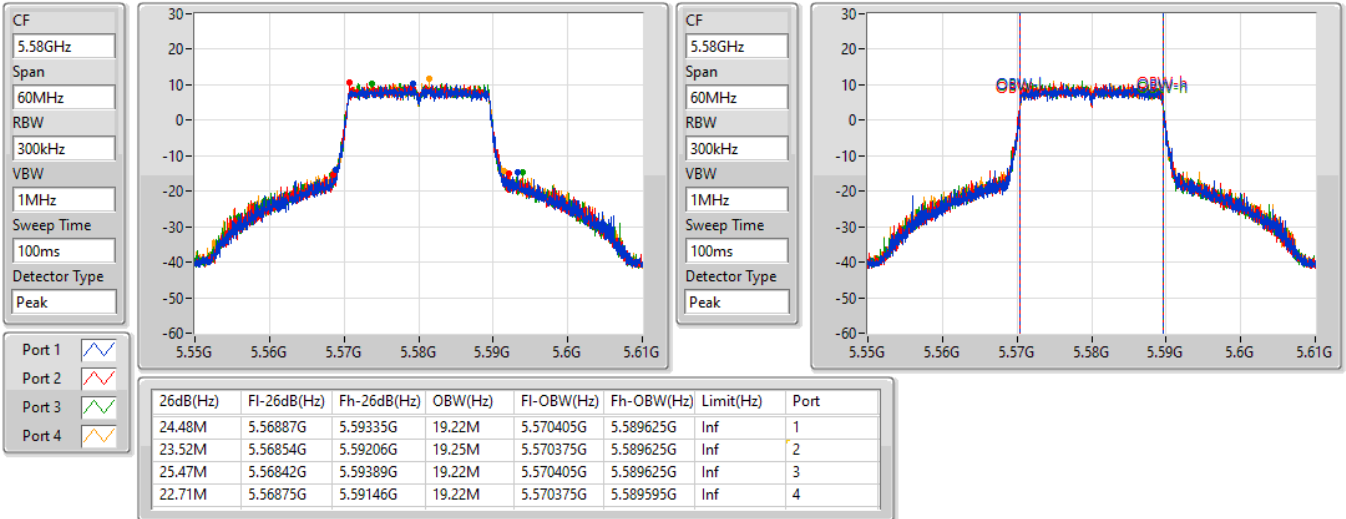

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

28/09/2021

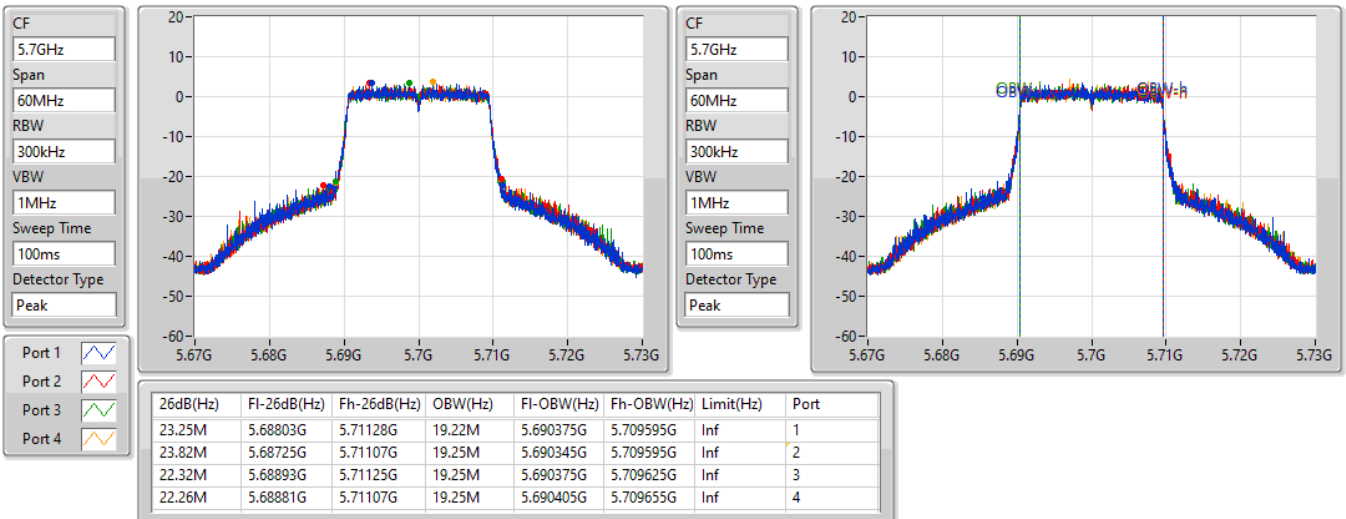


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

28/09/2021

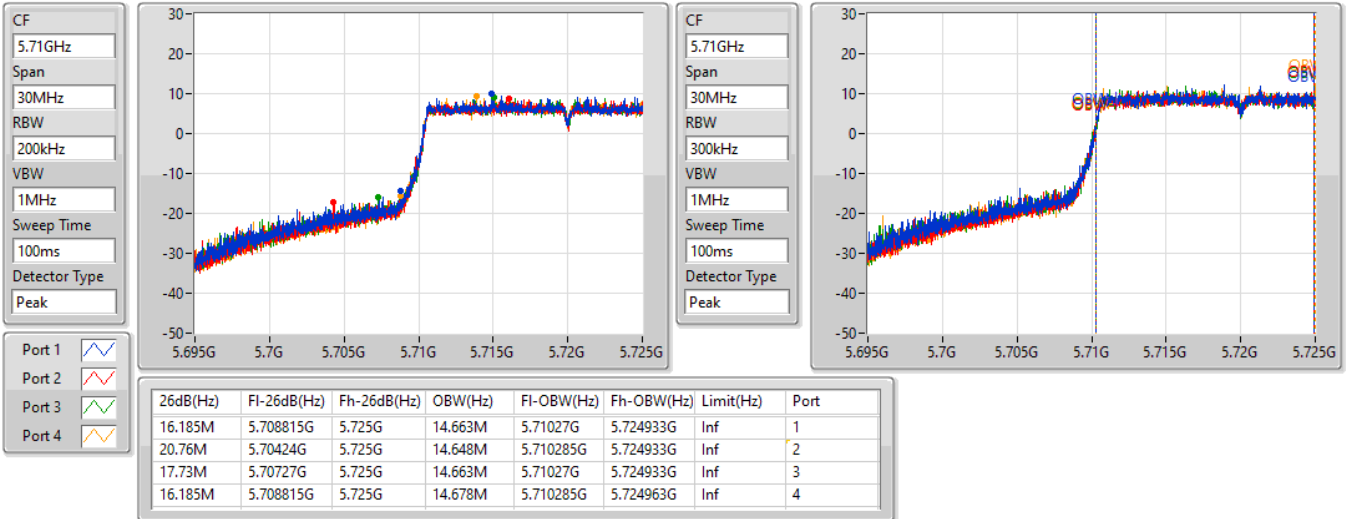

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

28/09/2021

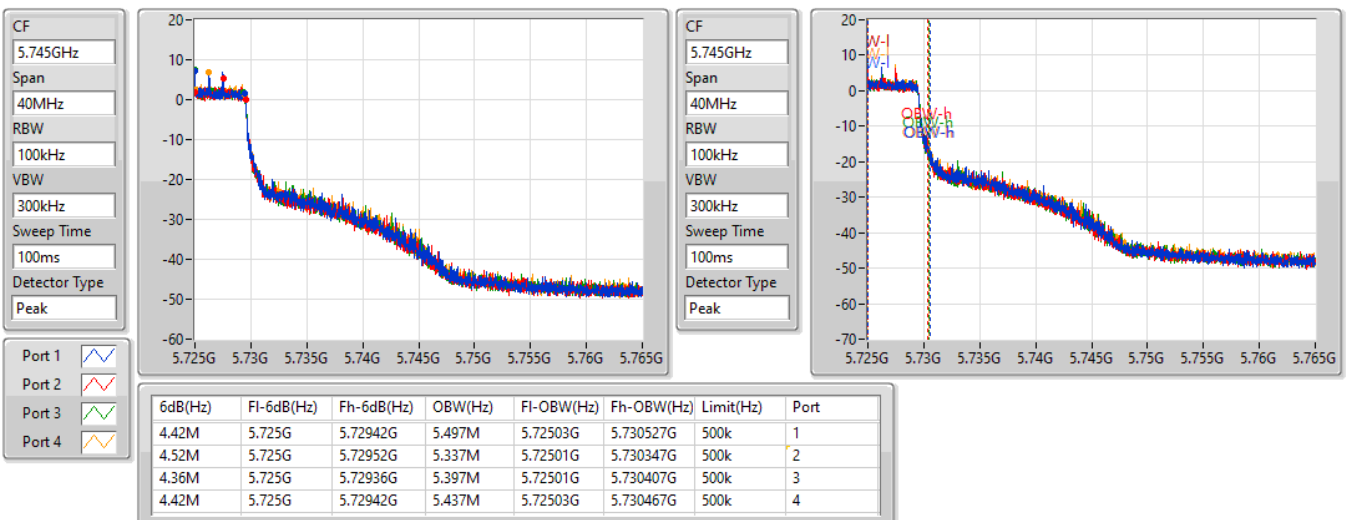


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

28/09/2021

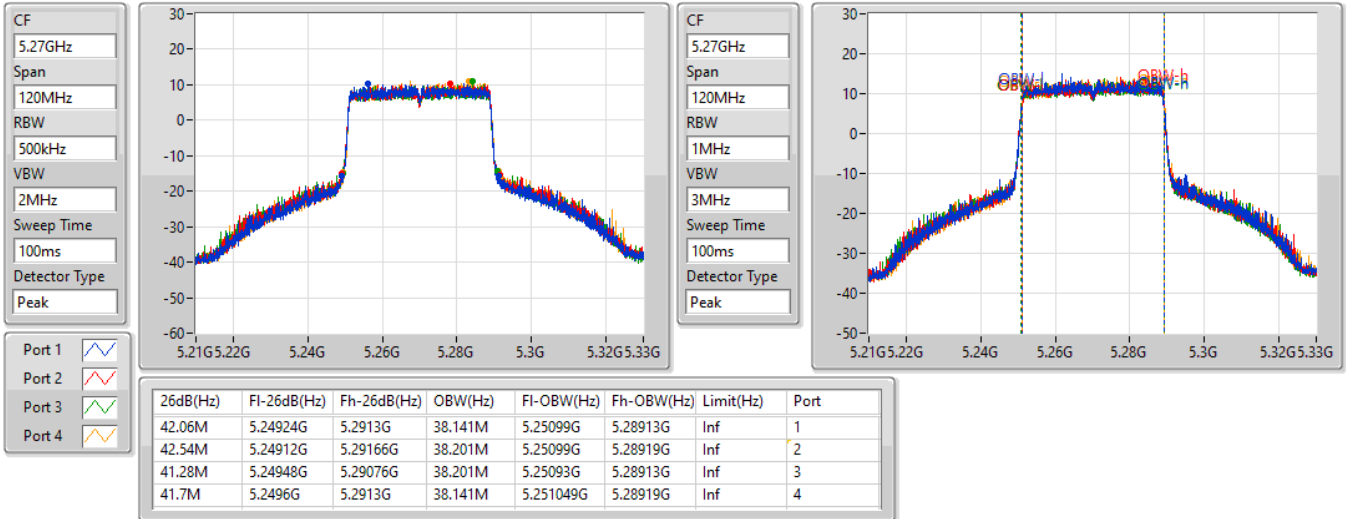

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

28/09/2021

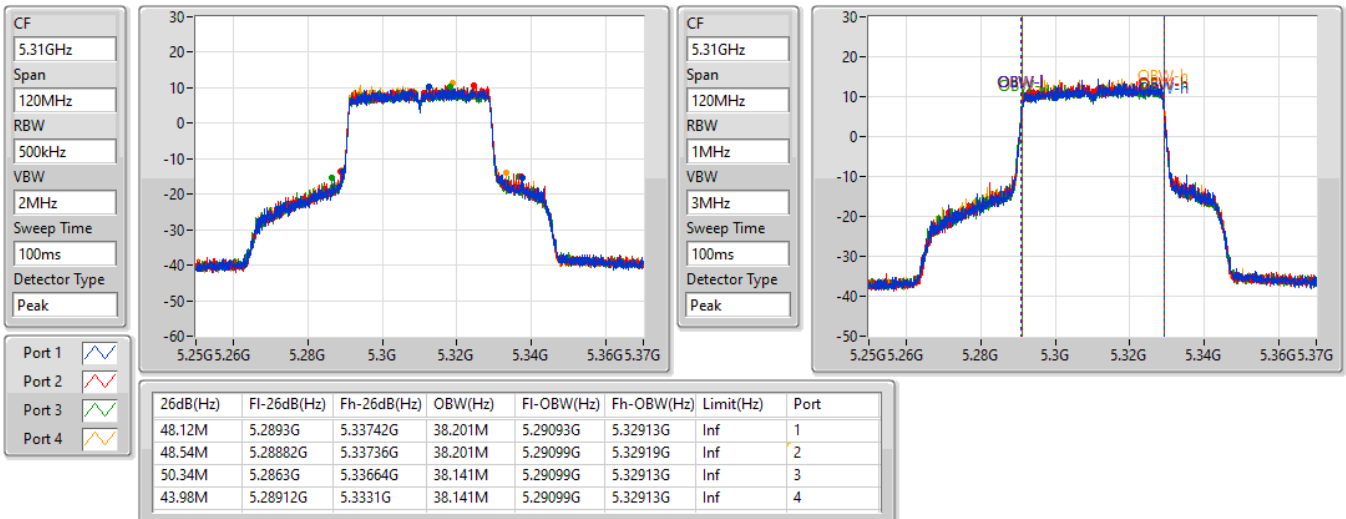


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5270MHz

28/09/2021

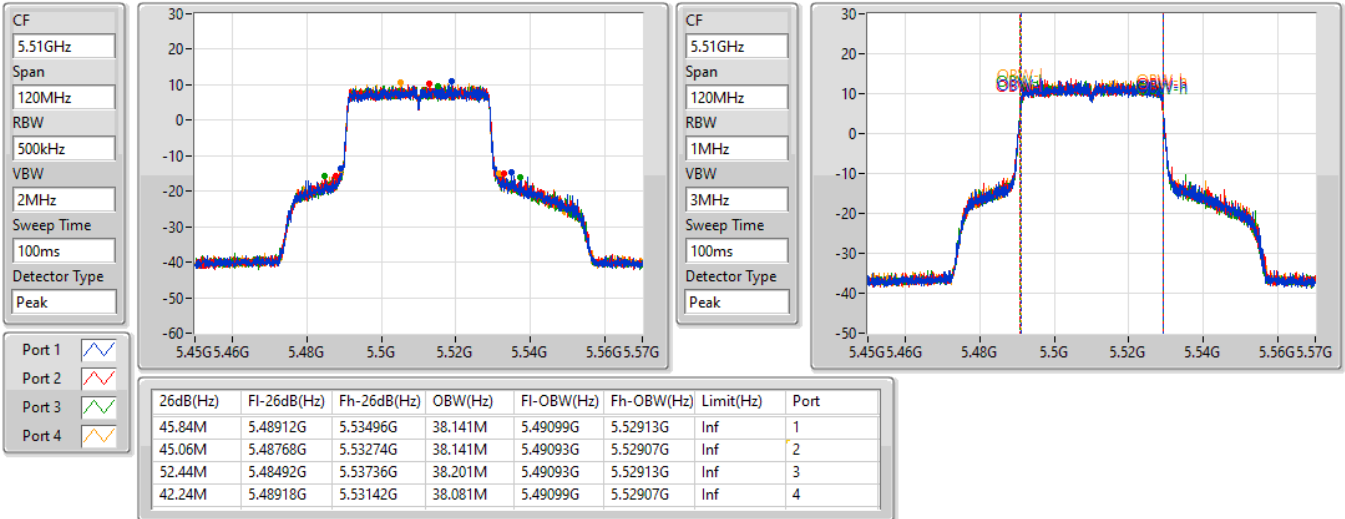

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5310MHz

28/09/2021

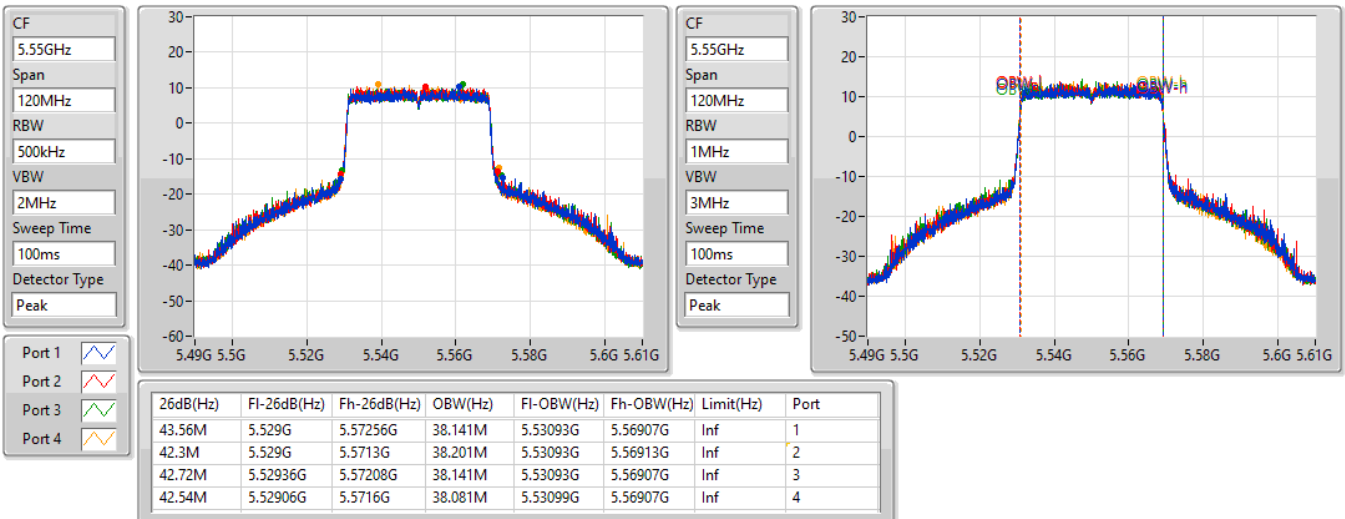


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

28/09/2021

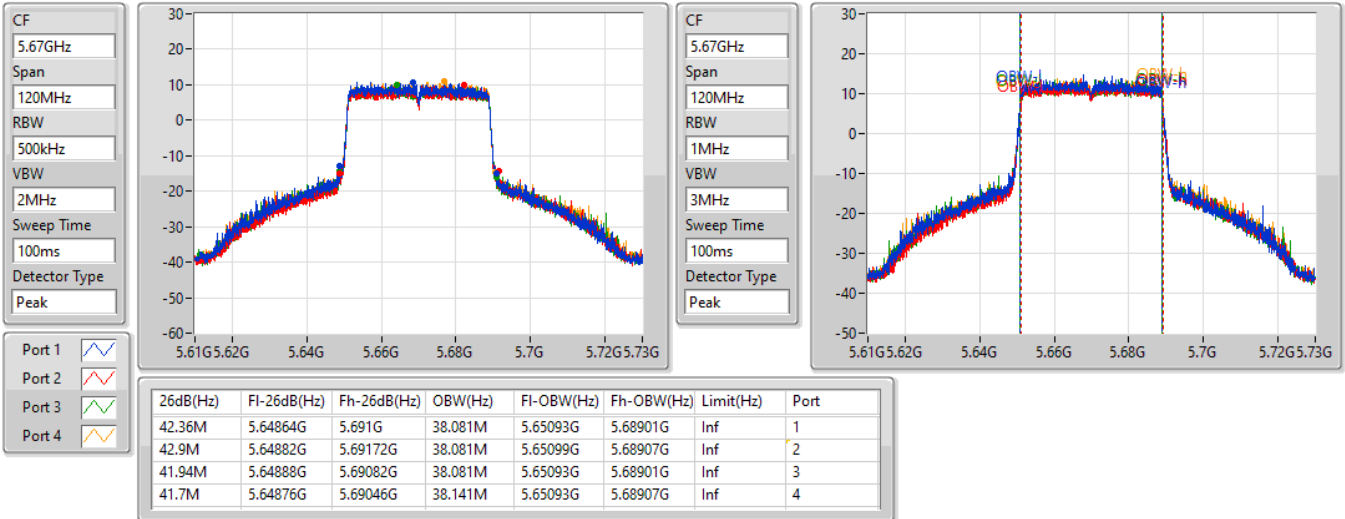

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5550MHz

28/09/2021

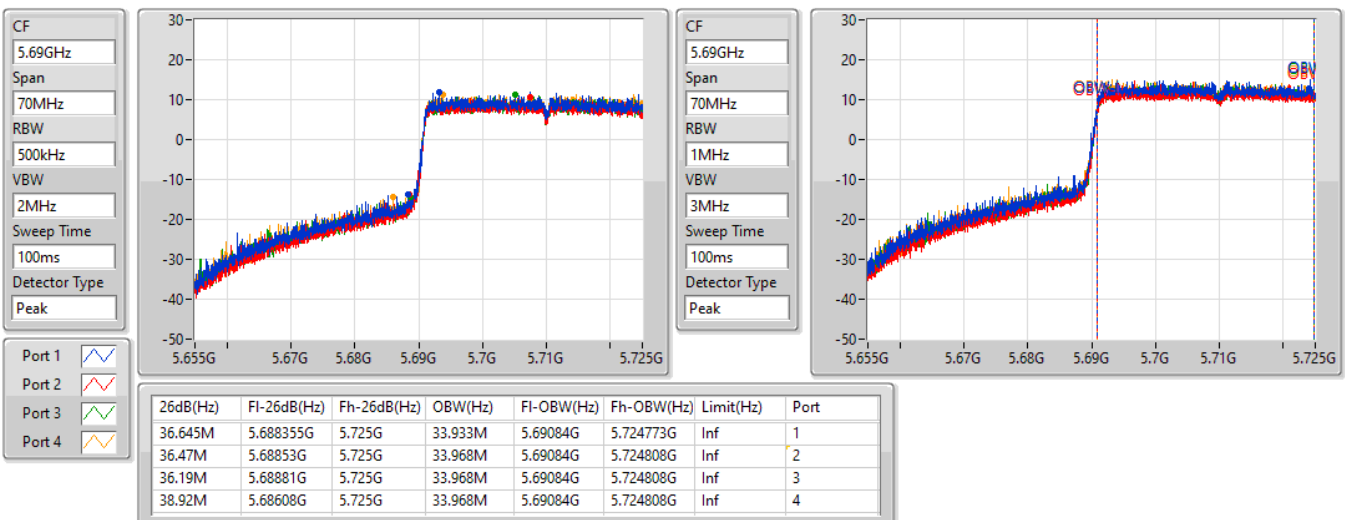


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5670MHz

28/09/2021

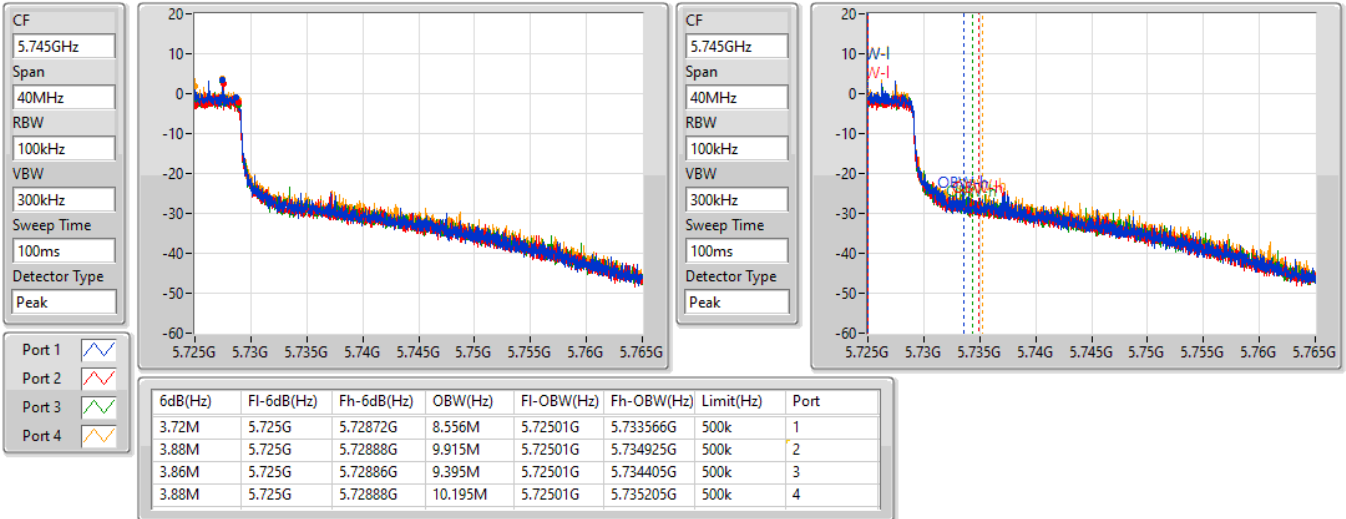

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

28/09/2021

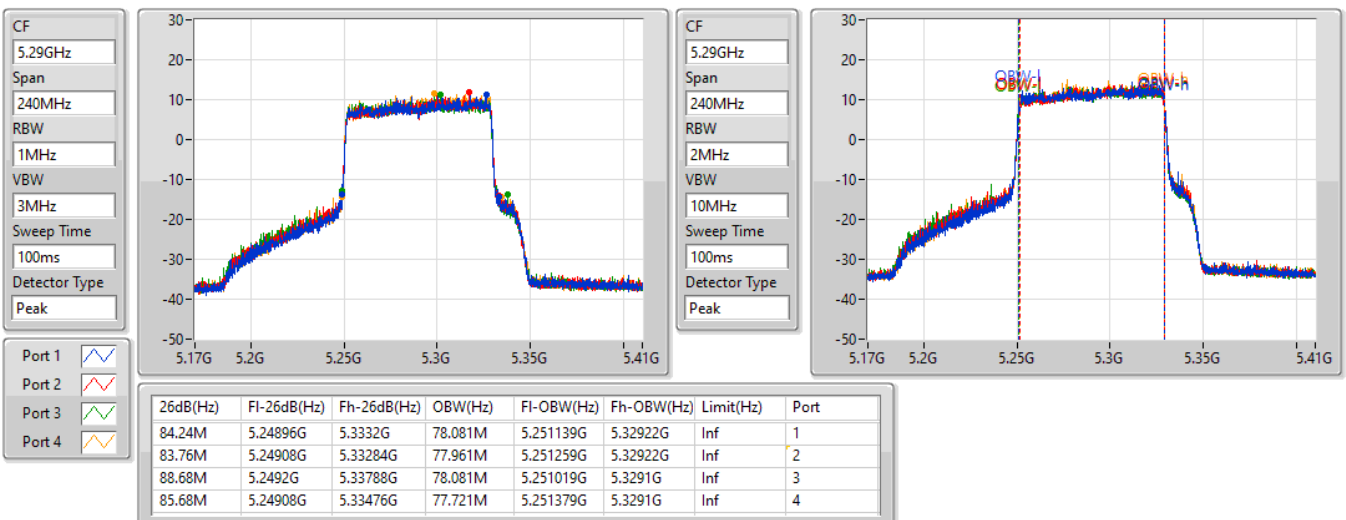


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

28/09/2021

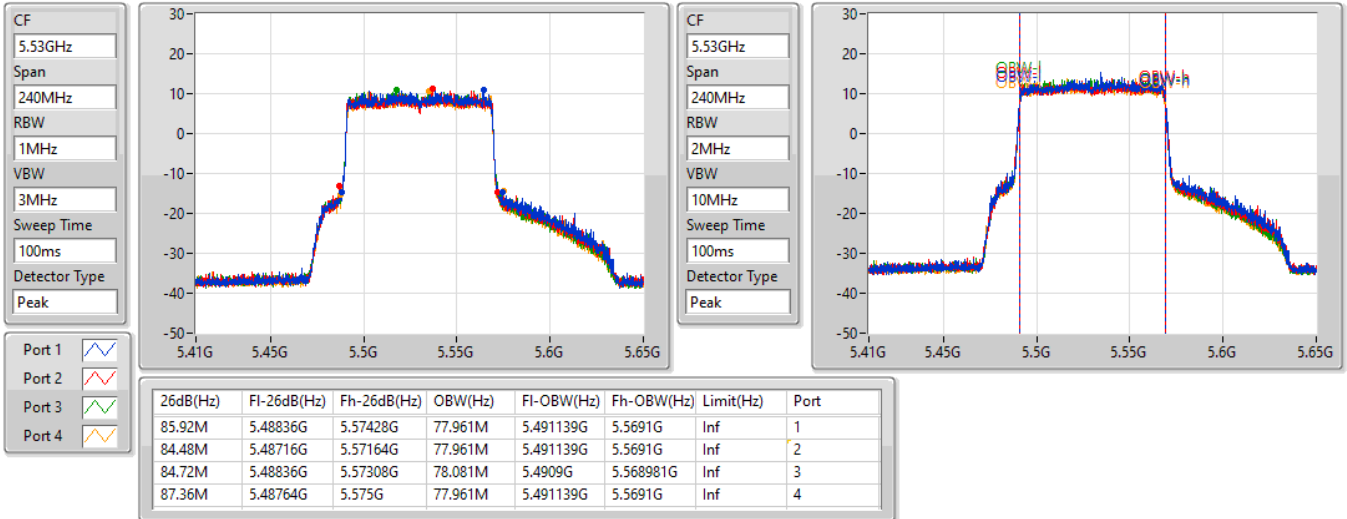

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5290MHz

28/09/2021

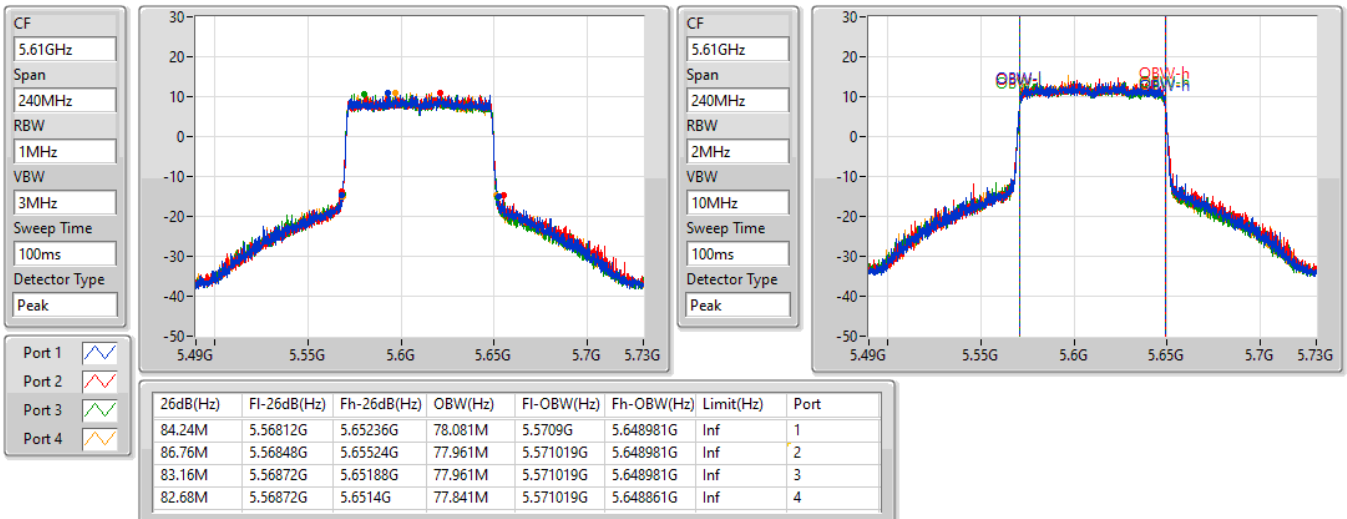


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

28/09/2021

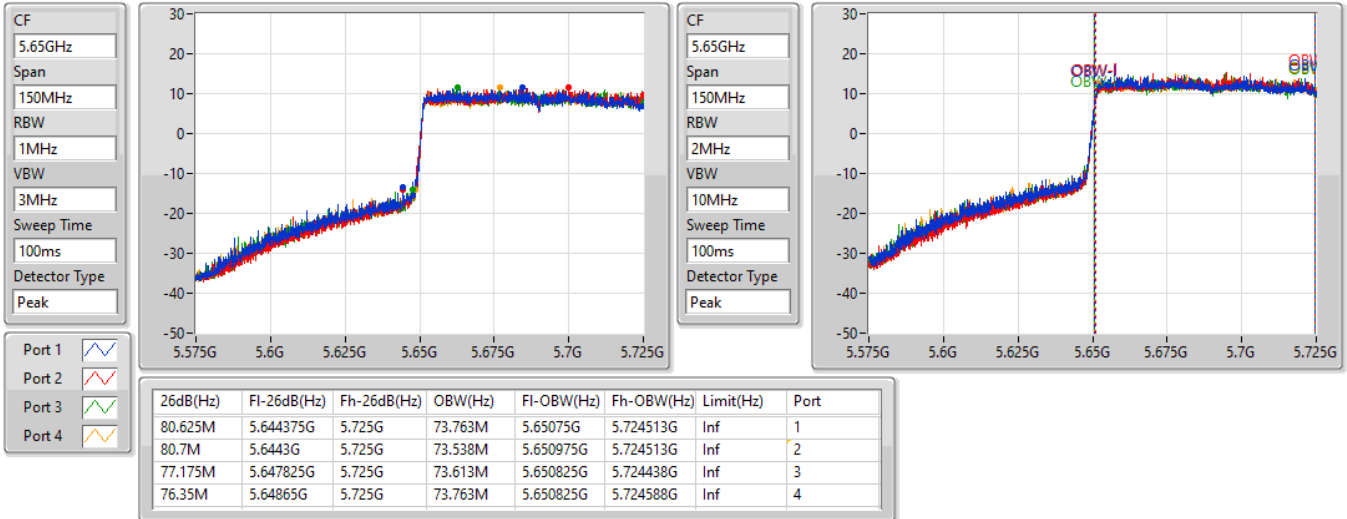

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5610MHz

28/09/2021

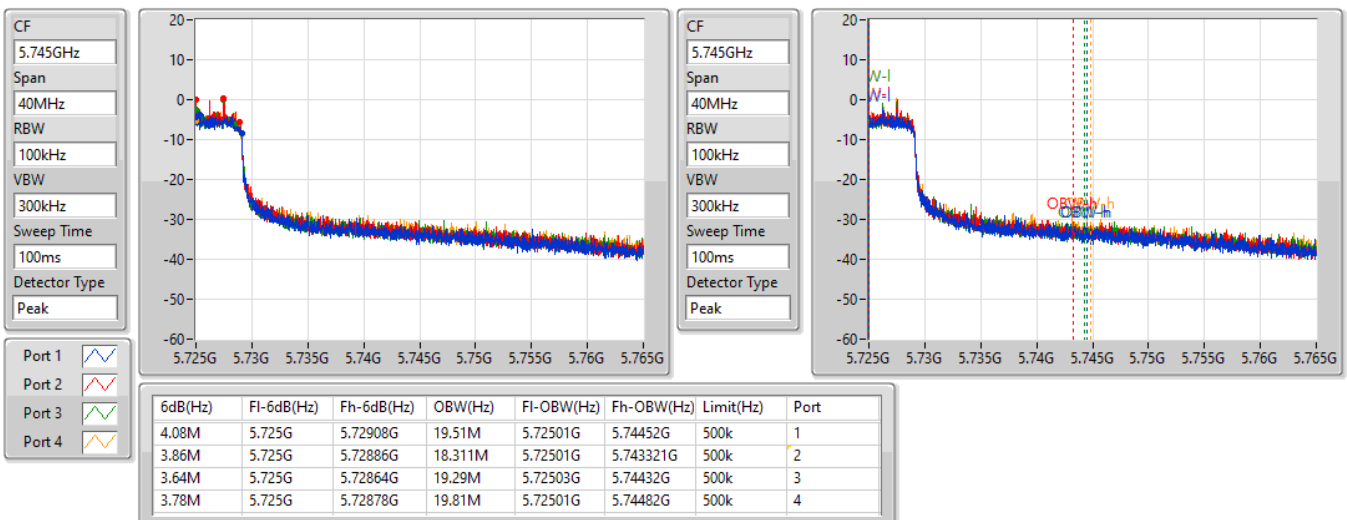


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

28/09/2021

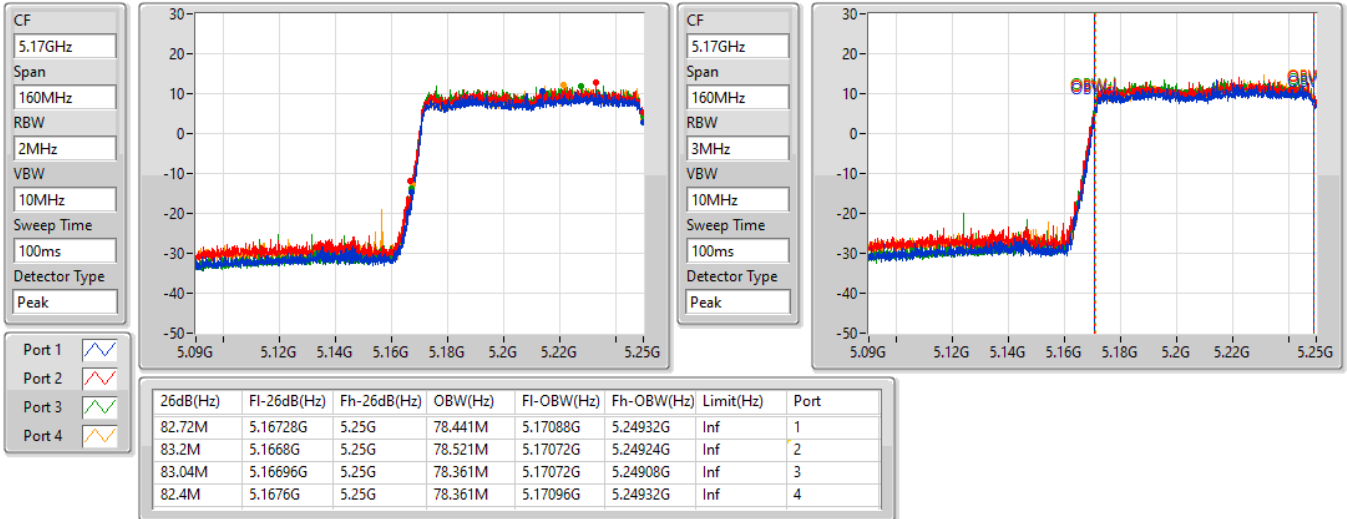

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

28/09/2021

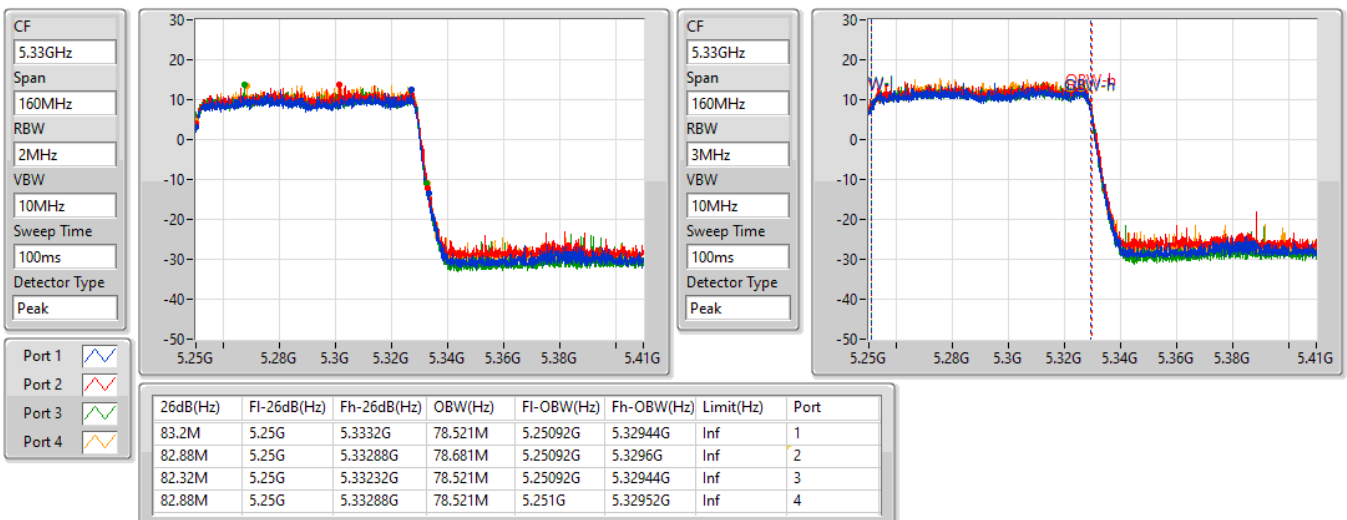


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

28/09/2021


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

28/09/2021

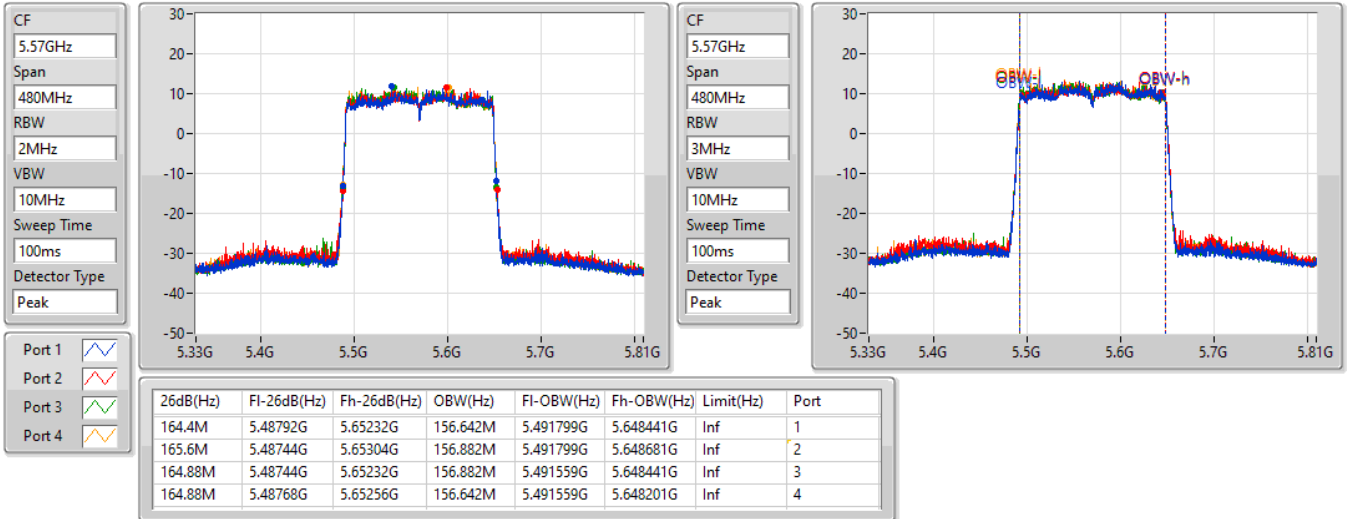


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5570MHz

28/09/2021





Average Power

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.93	0.24717
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.84	0.24210
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.84	0.04831



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.44	18.01	17.91	17.62	17.54	23.79	23.98
5300MHz	Pass	4.44	17.96	18.03	17.85	17.81	23.93	23.98
5320MHz	Pass	4.44	17.85	17.99	17.78	17.59	23.83	23.98
5500MHz	Pass	4.41	17.83	17.65	17.95	17.85	23.84	23.98
5580MHz	Pass	4.41	17.66	17.81	17.84	17.87	23.82	23.98
5700MHz	Pass	4.41	17.91	17.39	17.78	17.79	23.74	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.41	17.07	16.72	16.79	16.91	22.90	23.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.94	10.84	10.51	10.78	11.11	16.84	30.00

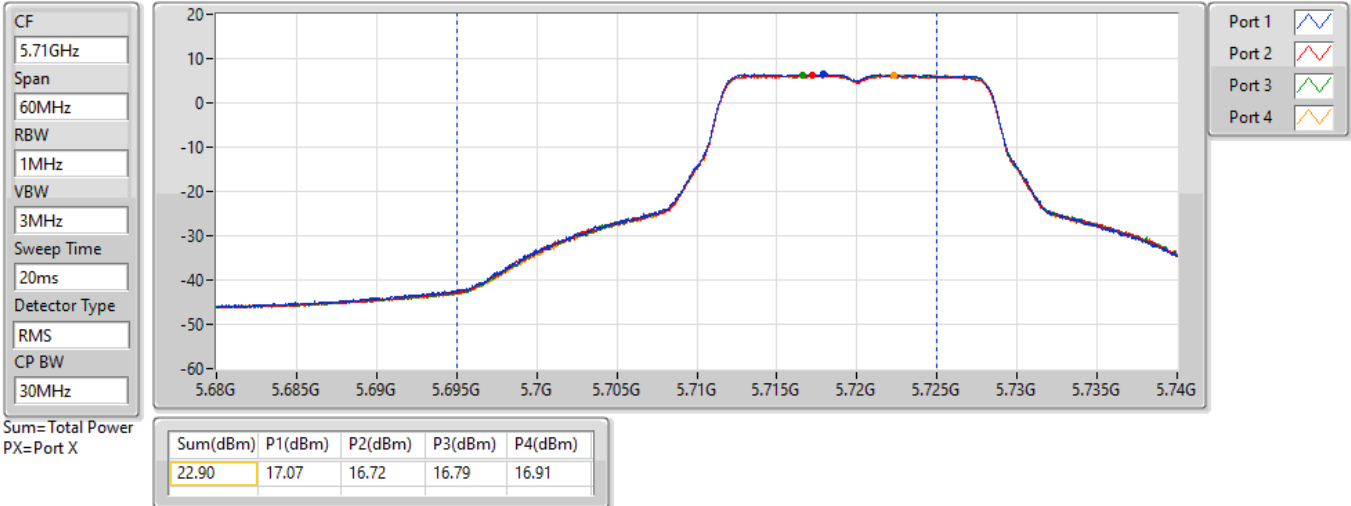
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

28/09/2021

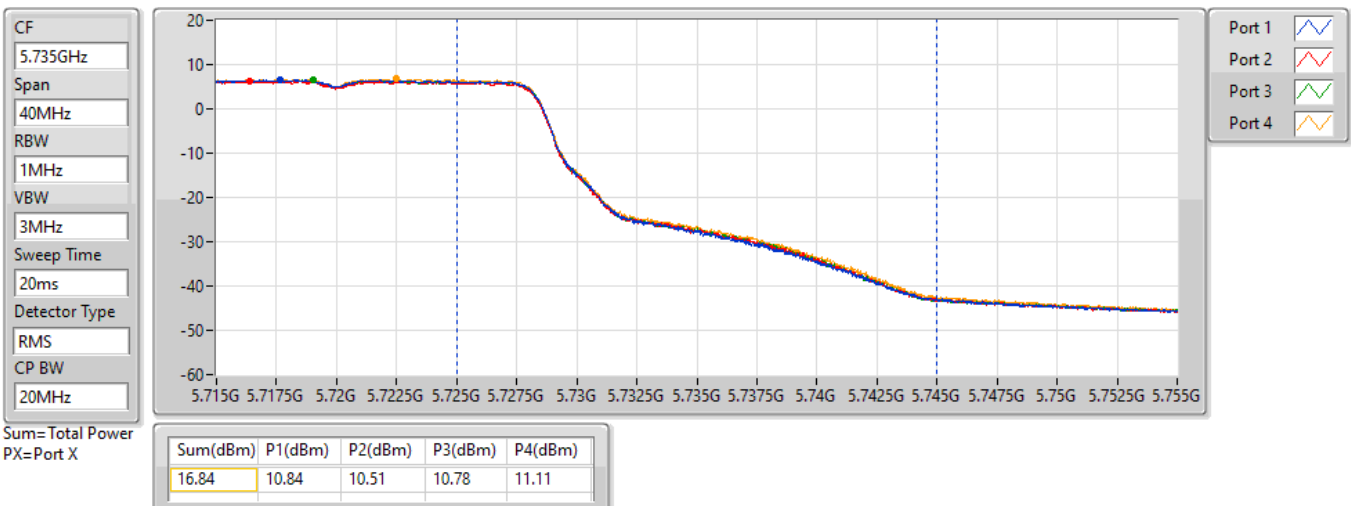


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

28/09/2021



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.67	0.14689
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.88	0.24434
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.78	0.18967
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.91	0.24604
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.90	0.24547
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.84	0.24210
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.86	0.06109
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.10	0.02570
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	10.43	0.01104

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 HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.30	17.99	17.84	17.63	17.45	23.75	23.98
5300MHz	Pass	5.30	17.81	18.08	17.85	17.75	23.89	23.98
5320MHz	Pass	5.30	17.90	18.06	17.86	17.61	23.88	23.98
5500MHz	Pass	4.83	17.77	17.74	17.93	17.89	23.85	23.98
5580MHz	Pass	4.83	17.79	17.91	18.02	18.04	23.96	23.98
5700MHz	Pass	4.83	10.87	10.76	10.54	10.76	16.75	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.83	17.28	16.83	16.92	17.15	23.07	23.09
5720MHz Straddle 5.725-5.85GHz	Pass	5.09	11.90	11.51	11.81	12.10	17.86	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.30	18.11	17.96	17.61	18.02	23.95	23.98
5310MHz	Pass	5.30	17.70	18.01	17.63	18.18	23.91	23.98
5510MHz	Pass	4.83	17.65	17.65	17.75	17.85	23.75	23.98
5550MHz	Pass	4.83	17.65	17.88	17.79	17.93	23.83	23.98
5670MHz	Pass	4.83	18.20	17.44	17.57	18.27	23.91	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.83	18.11	17.16	17.56	18.18	23.79	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.09	8.31	7.53	7.79	8.61	14.10	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.30	17.80	17.87	17.66	18.08	23.88	23.98
5530MHz	Pass	4.83	17.87	17.59	18.09	17.44	23.78	23.98
5610MHz	Pass	4.83	17.84	18.00	17.69	17.89	23.88	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.83	17.99	18.02	17.72	17.80	23.90	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.09	4.10	4.65	4.23	4.63	10.43	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.32	15.04	16.26	16.00	15.19	21.67	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.30	16.30	16.53	17.14	17.02	22.78	23.98
5570MHz	Pass	4.83	17.64	17.71	17.90	18.01	23.84	23.98

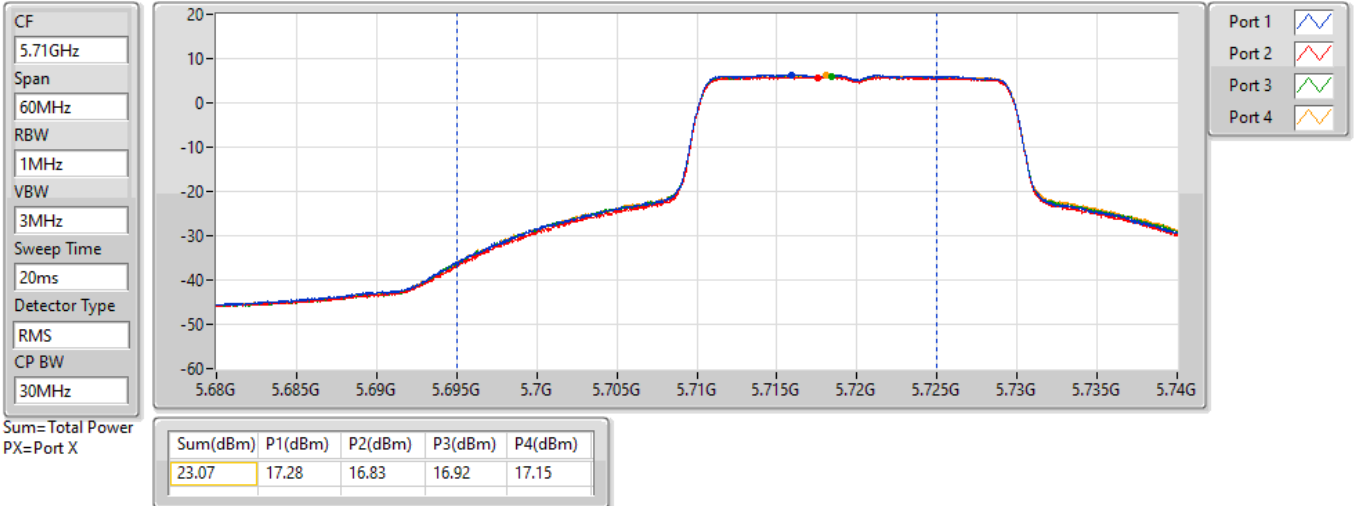
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

28/09/2021

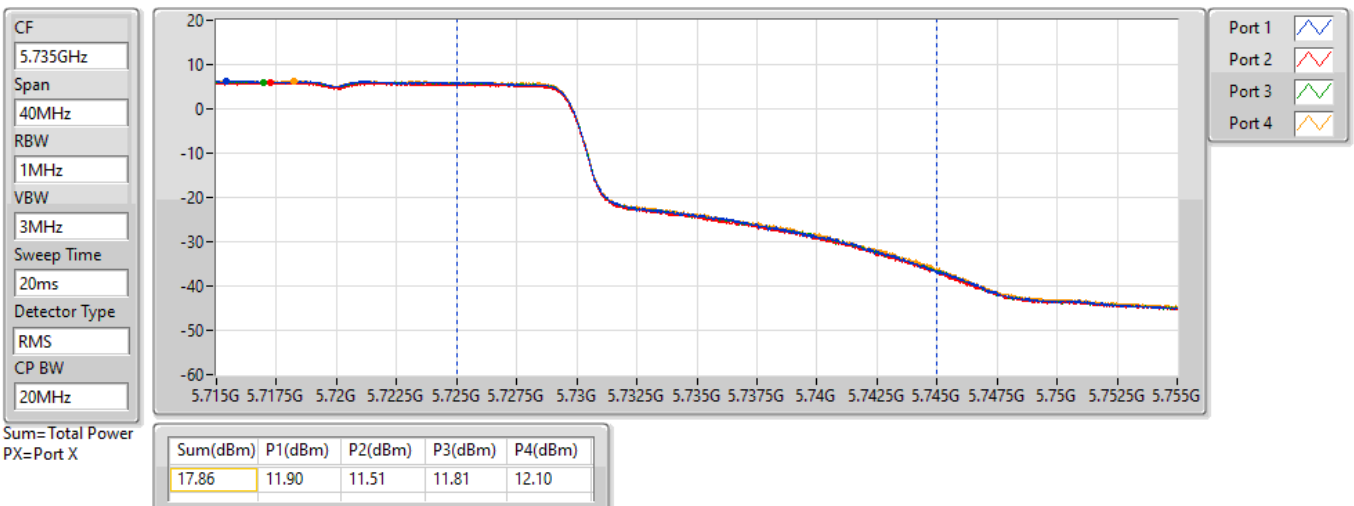


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

28/09/2021



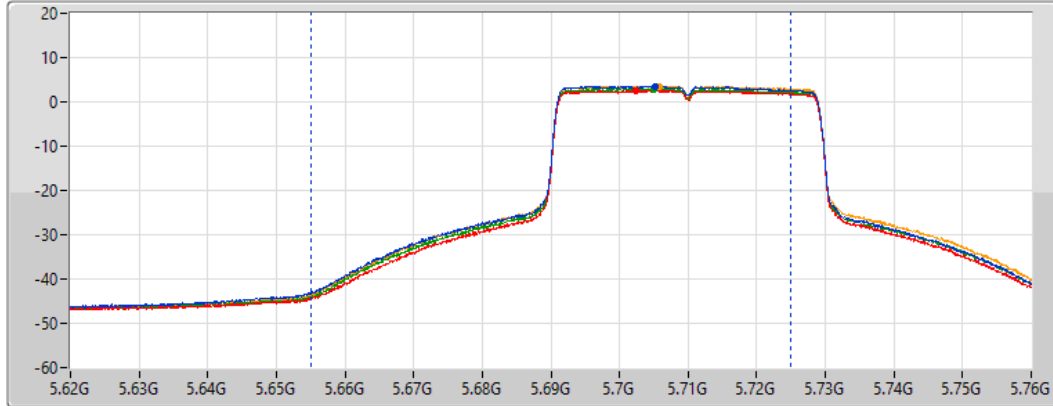
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

28/09/2021

CF
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
70MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.79	18.11	17.16	17.56	18.18

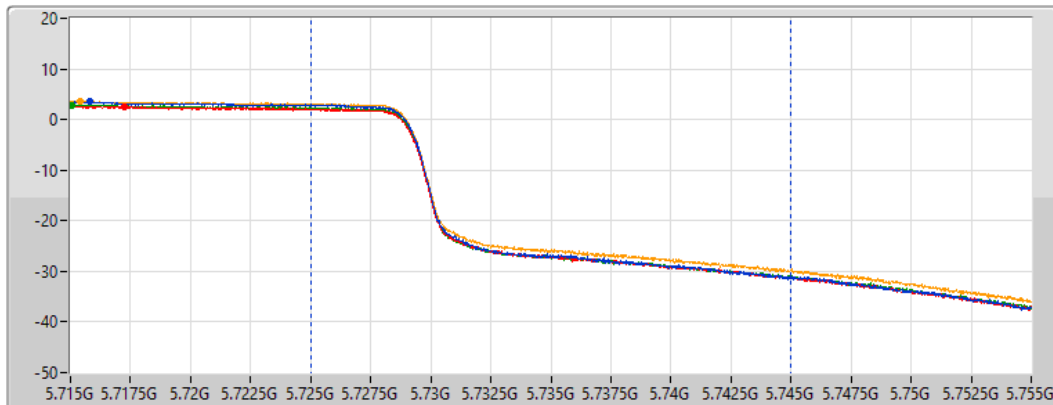
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

28/09/2021

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

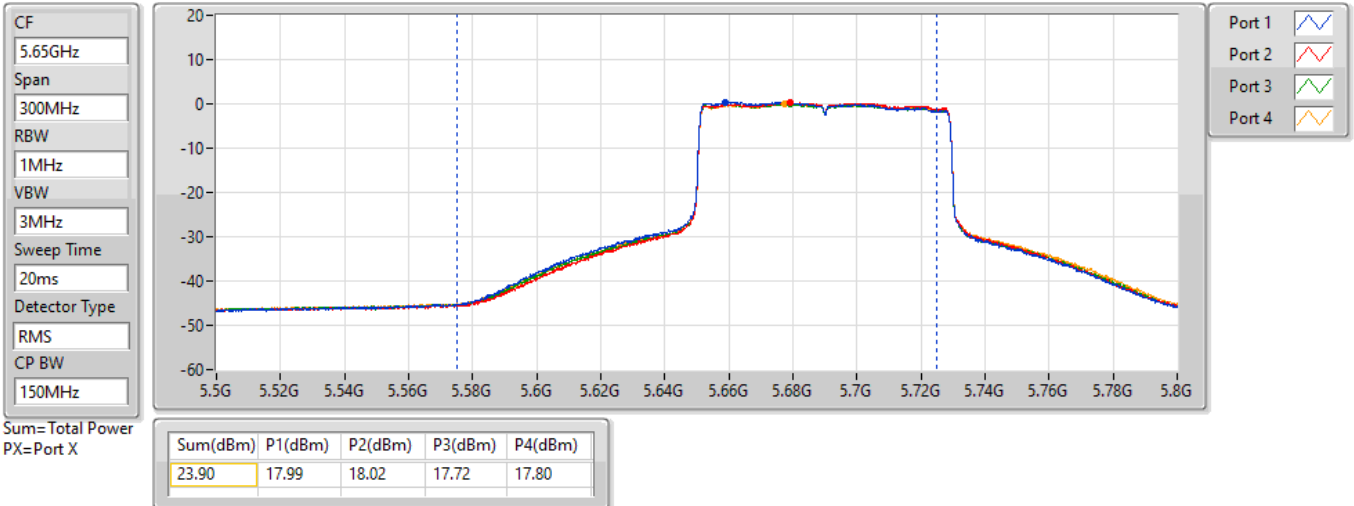
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.10	8.31	7.53	7.79	8.61

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

28/09/2021

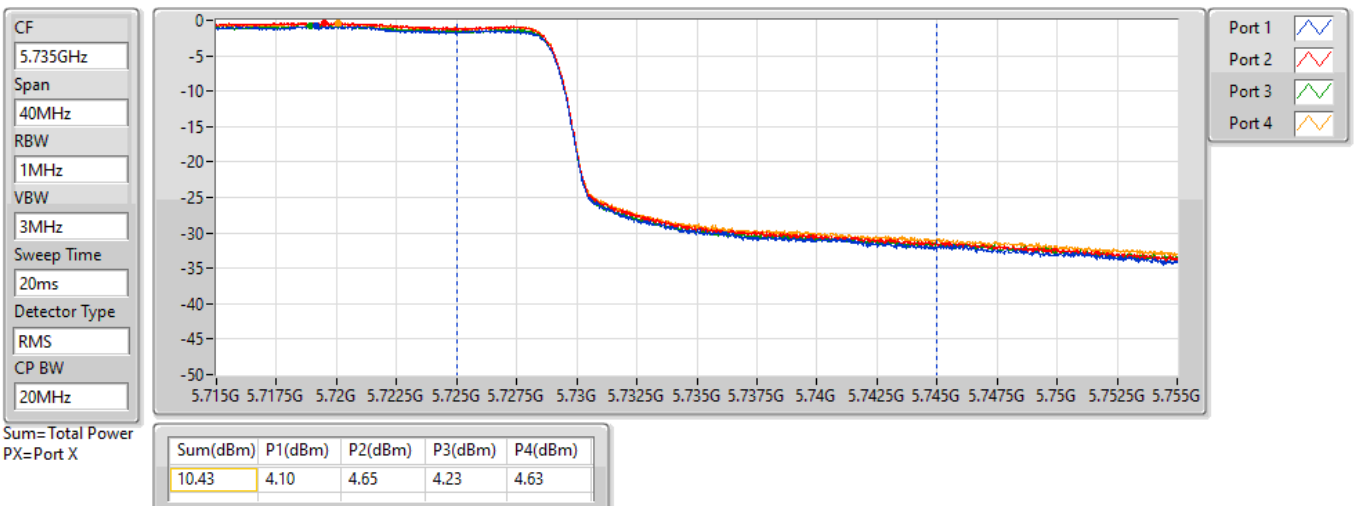


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

28/09/2021



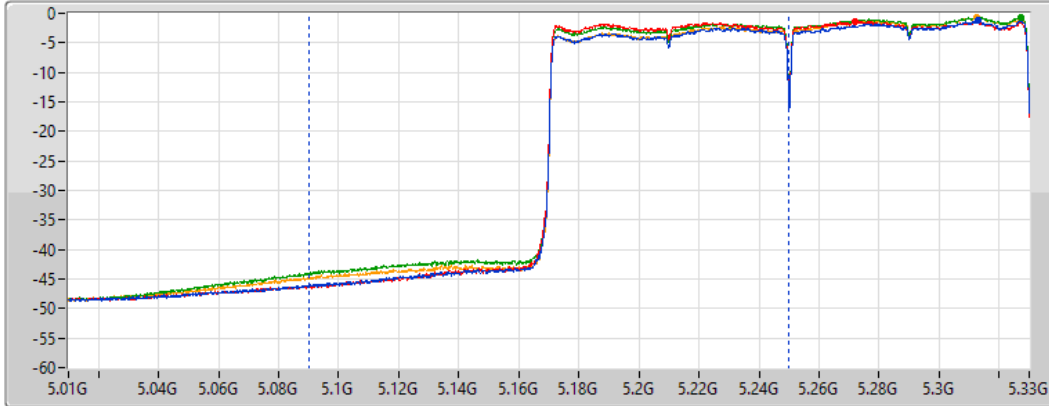
802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

15/11/2021

CF
5.17GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.67	15.04	16.26	16.00	15.19

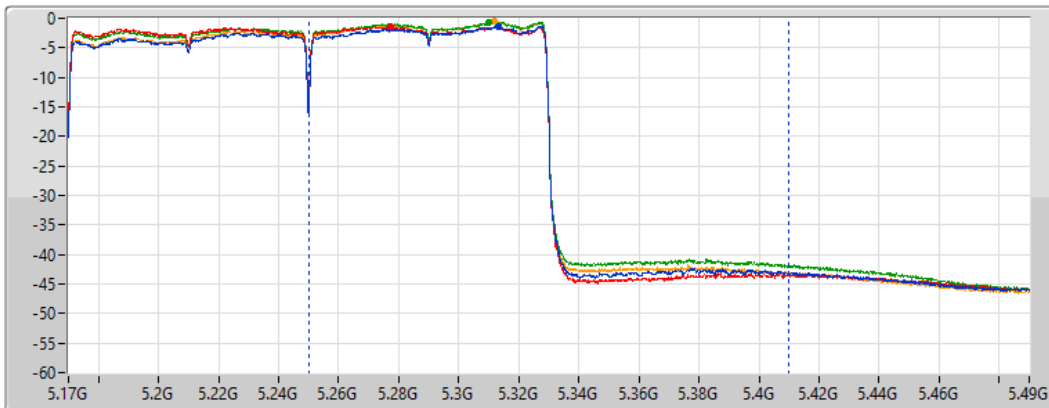
802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

15/11/2021

CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.78	16.30	16.53	17.14	17.02

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.44
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.75
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.16

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.30	4.57	4.37	4.12	4.18	10.23	11.00
5300MHz	Pass	5.30	4.49	4.68	4.40	4.45	10.44	11.00
5320MHz	Pass	5.30	4.61	4.65	4.43	4.40	10.44	11.00
5500MHz	Pass	4.83	4.42	4.26	4.54	4.45	10.32	11.00
5580MHz	Pass	4.83	4.54	4.31	4.47	4.51	10.37	11.00
5700MHz	Pass	4.83	4.73	4.23	4.47	4.54	10.35	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.83	5.08	4.67	4.73	4.79	10.75	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.09	3.08	3.00	3.03	3.60	9.16	30.00

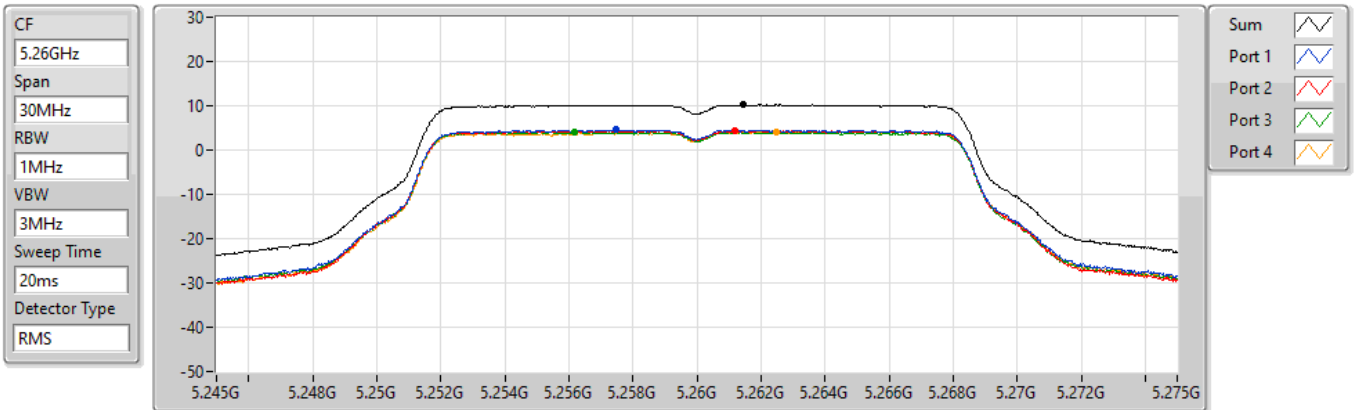
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

28/09/2021



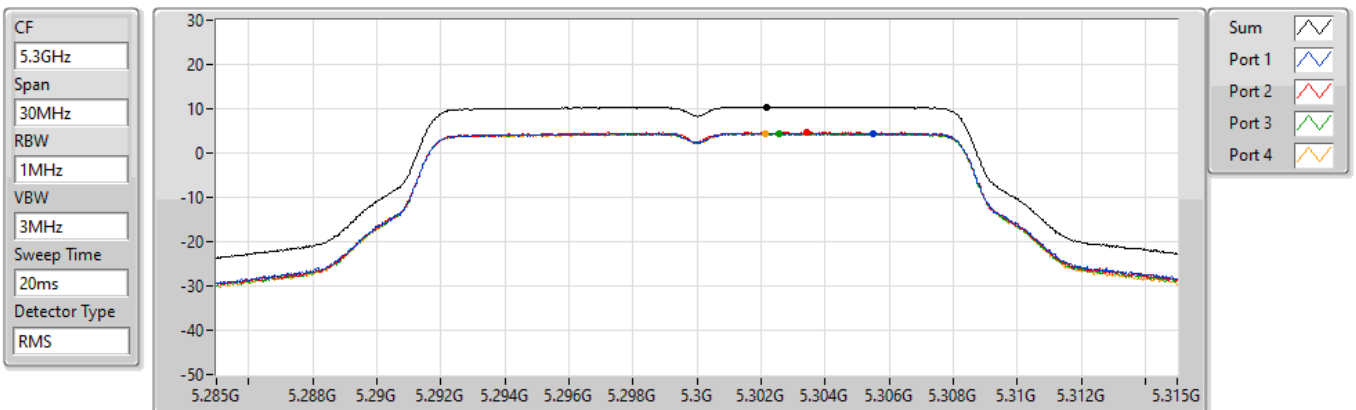
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	4.57	4.37	4.12	4.18

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

28/09/2021



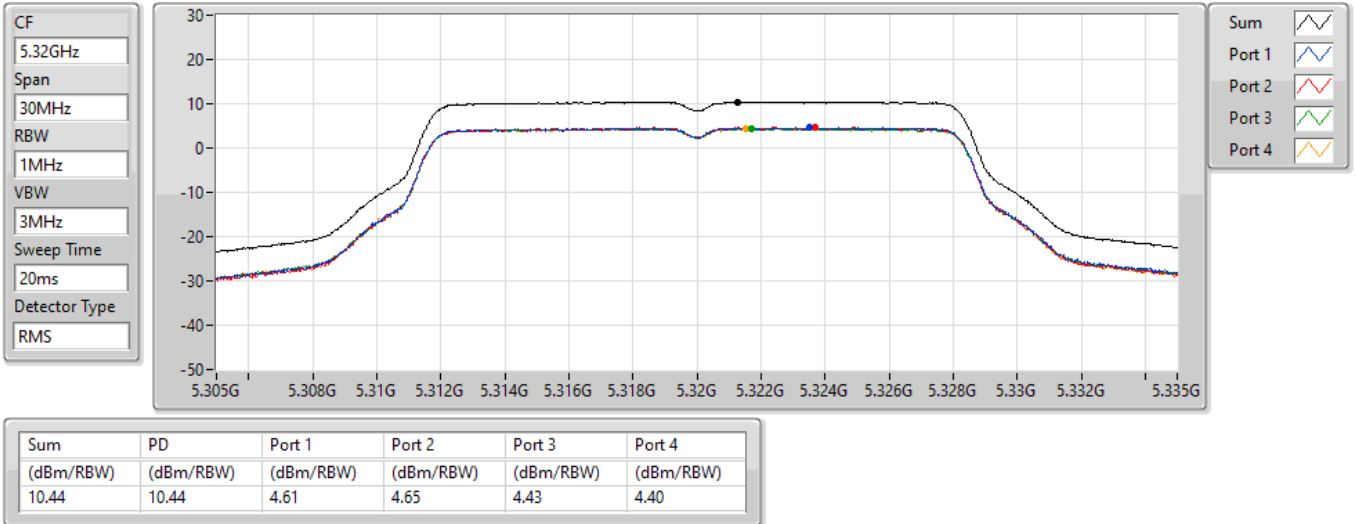
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	4.49	4.68	4.40	4.45

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

28/09/2021

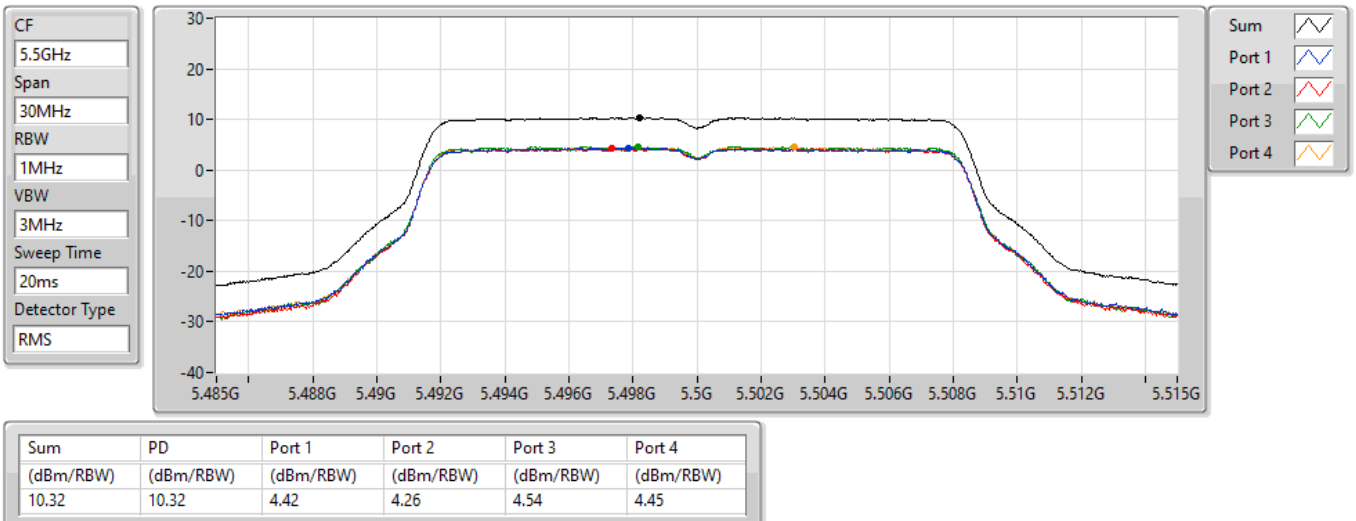


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

28/09/2021

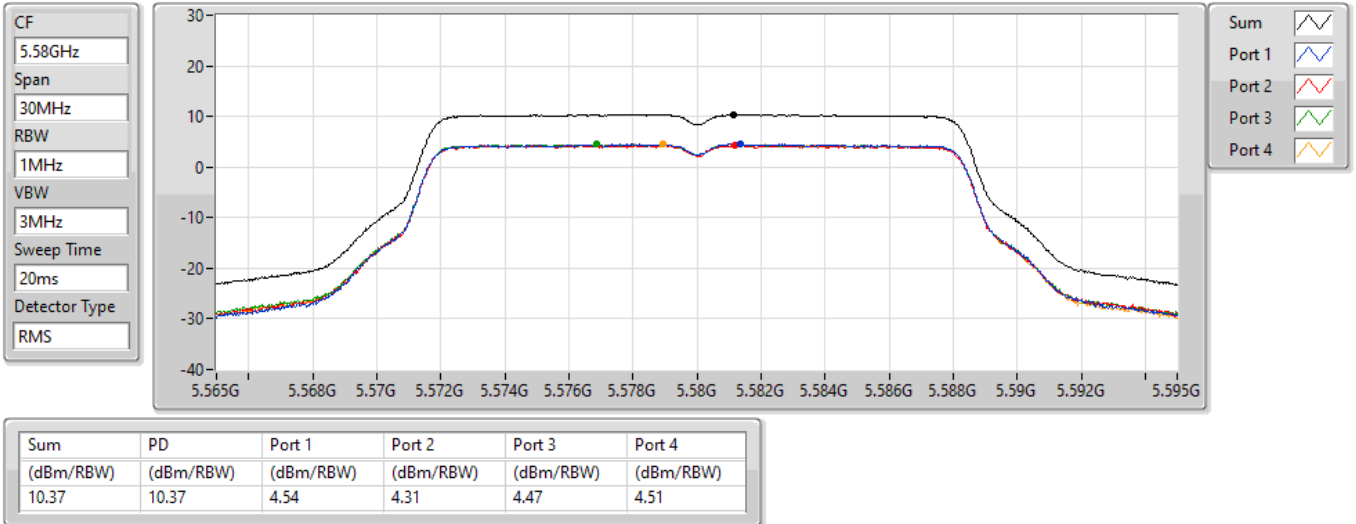


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

28/09/2021

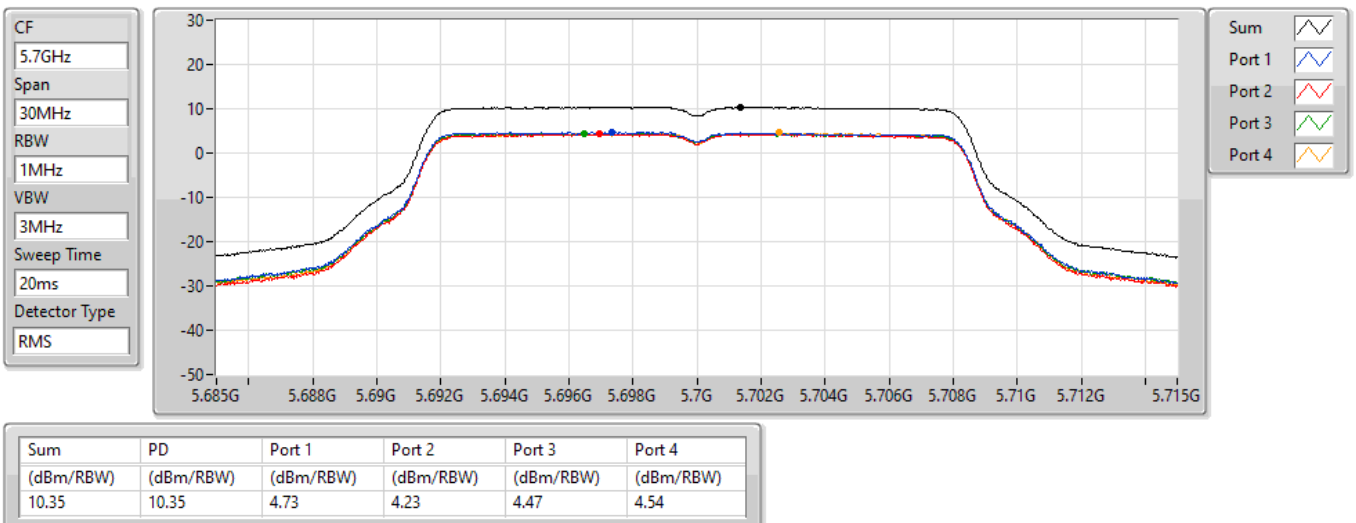


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

28/09/2021

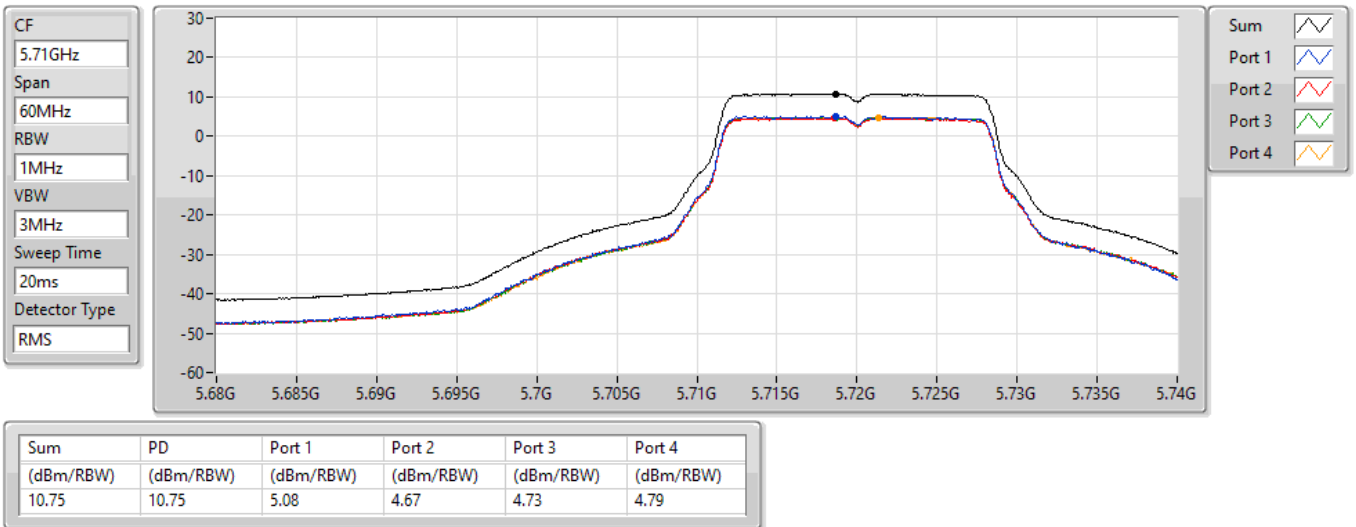


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

28/09/2021

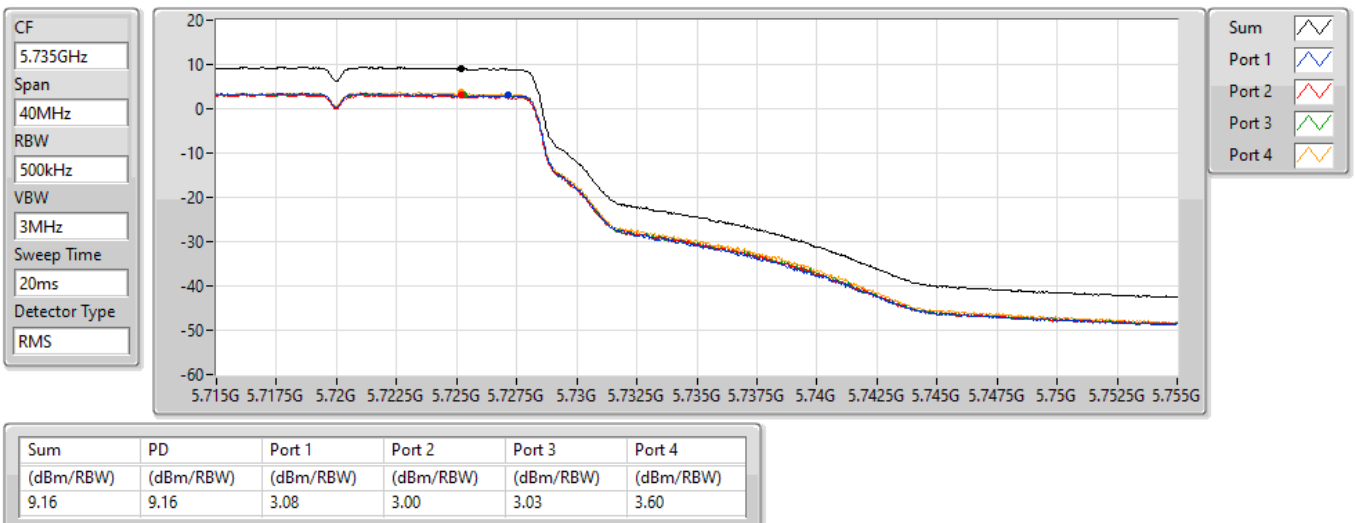


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

28/09/2021



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.38
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.95
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.09
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.39
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	3.51
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.43
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.60
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.56
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.36
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.71
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.54
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.86

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.30	4.17	3.77	3.56	3.45	9.70	11.00
5300MHz	Pass	5.30	3.99	4.07	3.97	4.00	9.95	11.00
5320MHz	Pass	5.30	4.10	4.09	3.97	3.80	9.93	11.00
5500MHz	Pass	4.83	3.78	3.69	3.93	3.85	9.73	11.00
5580MHz	Pass	4.83	3.88	3.99	4.13	4.10	9.96	11.00
5700MHz	Pass	4.83	-3.19	-3.21	-3.44	-3.32	2.63	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.83	4.70	4.27	4.41	4.51	10.43	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.09	2.86	2.48	2.76	2.98	8.71	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.30	1.03	1.03	0.72	1.48	7.05	11.00
5310MHz	Pass	5.30	0.93	1.29	0.81	1.44	7.09	11.00
5510MHz	Pass	4.83	0.59	0.66	0.74	0.78	6.64	11.00
5550MHz	Pass	4.83	0.83	1.07	0.93	1.09	6.92	11.00
5670MHz	Pass	4.83	1.66	0.62	0.84	1.48	7.10	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.83	2.04	1.06	1.40	1.96	7.60	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.09	-0.14	-1.02	-0.71	0.09	5.54	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.30	-1.67	-1.60	-1.80	-1.19	4.39	11.00
5530MHz	Pass	4.83	-1.73	-2.12	-1.69	-2.19	3.99	11.00
5610MHz	Pass	4.83	-1.82	-1.83	-2.09	-1.68	4.06	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.83	-1.18	-1.26	-1.55	-1.44	4.56	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.09	-4.36	-3.85	-4.24	-3.85	1.86	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.32	-4.05	-3.14	-3.37	-3.87	2.38	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.30	-2.85	-2.88	-2.15	-2.09	3.51	11.00
5570MHz	Pass	4.83	-4.64	-4.72	-4.42	-4.28	1.36	11.00

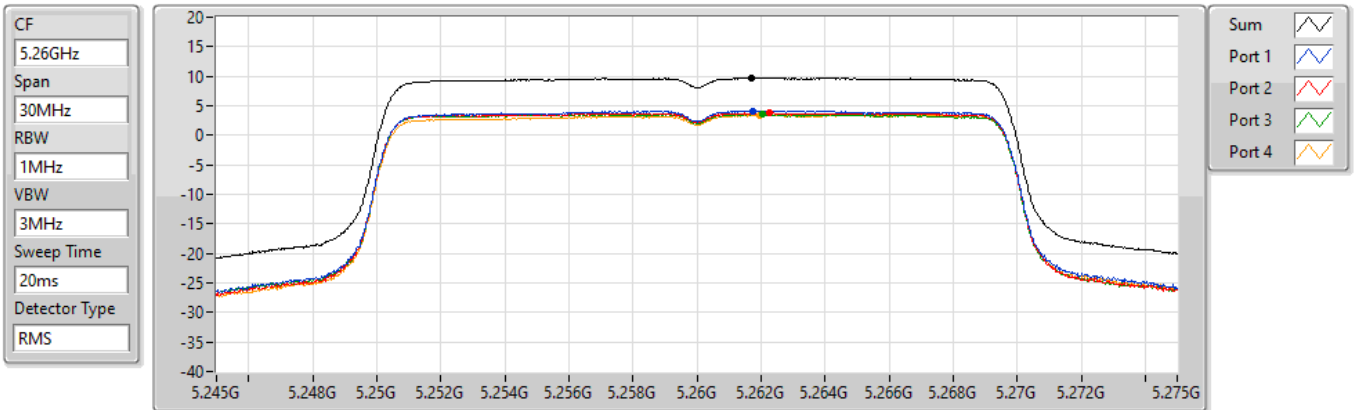
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

28/09/2021



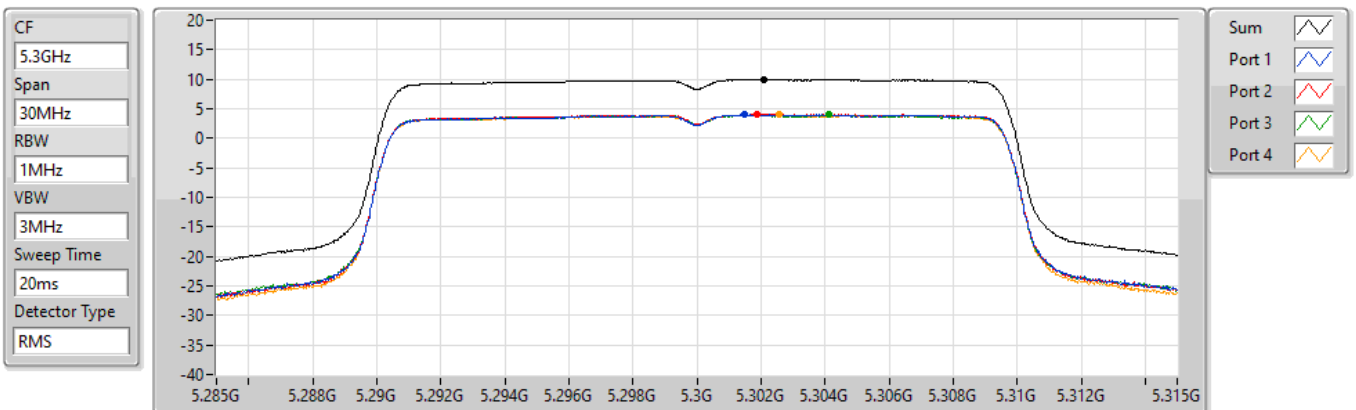
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.70	9.70	4.17	3.77	3.56	3.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

28/09/2021



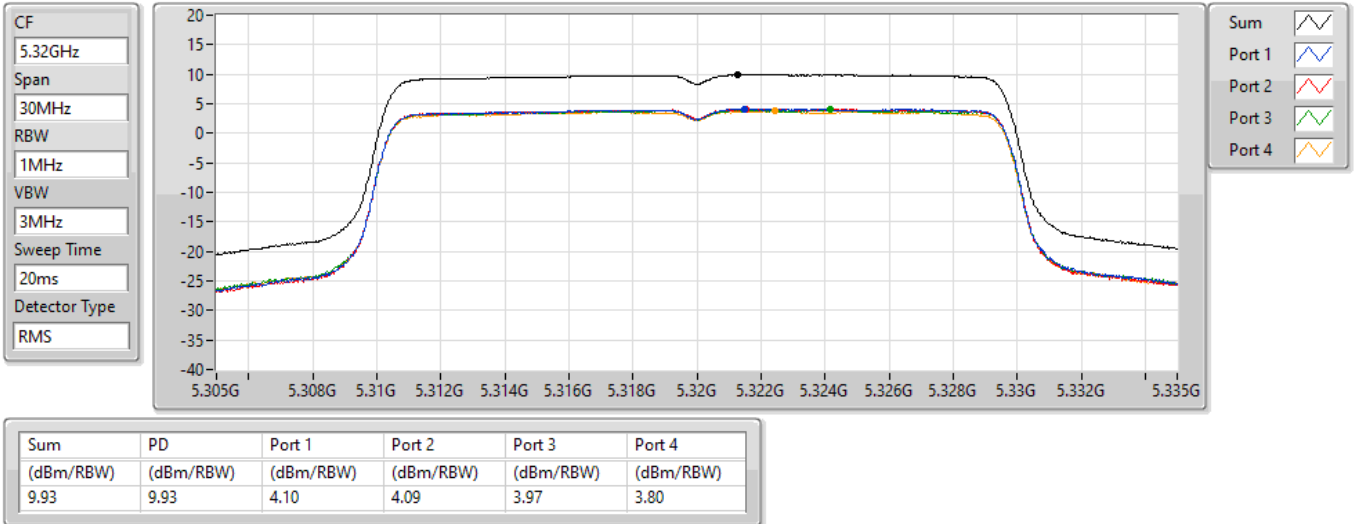
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	3.99	4.07	3.97	4.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

28/09/2021

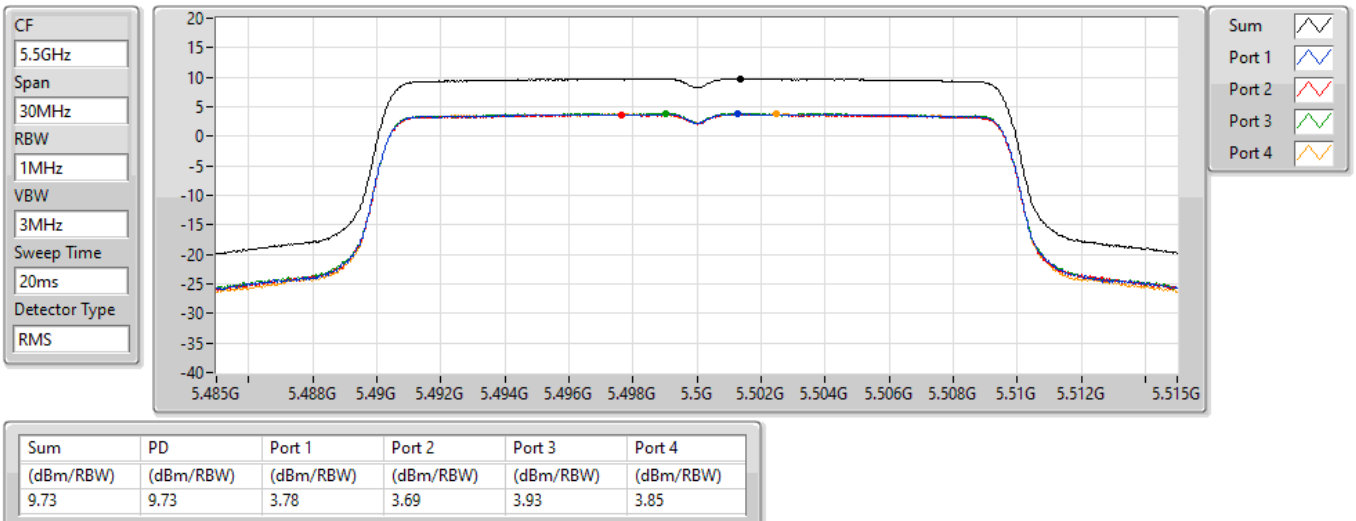


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

28/09/2021

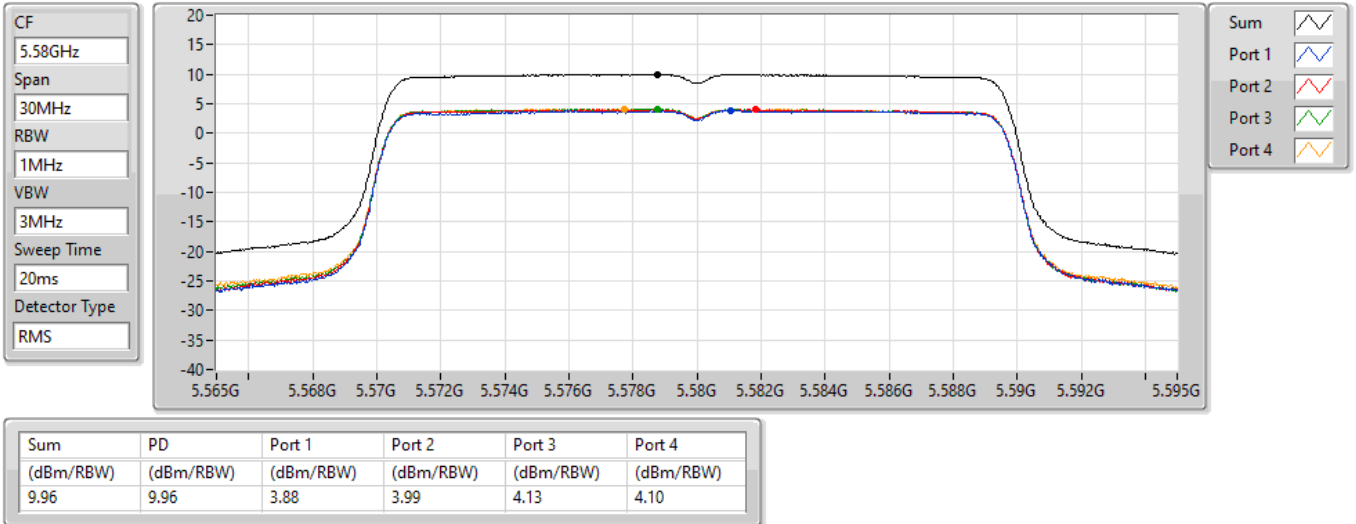


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

28/09/2021

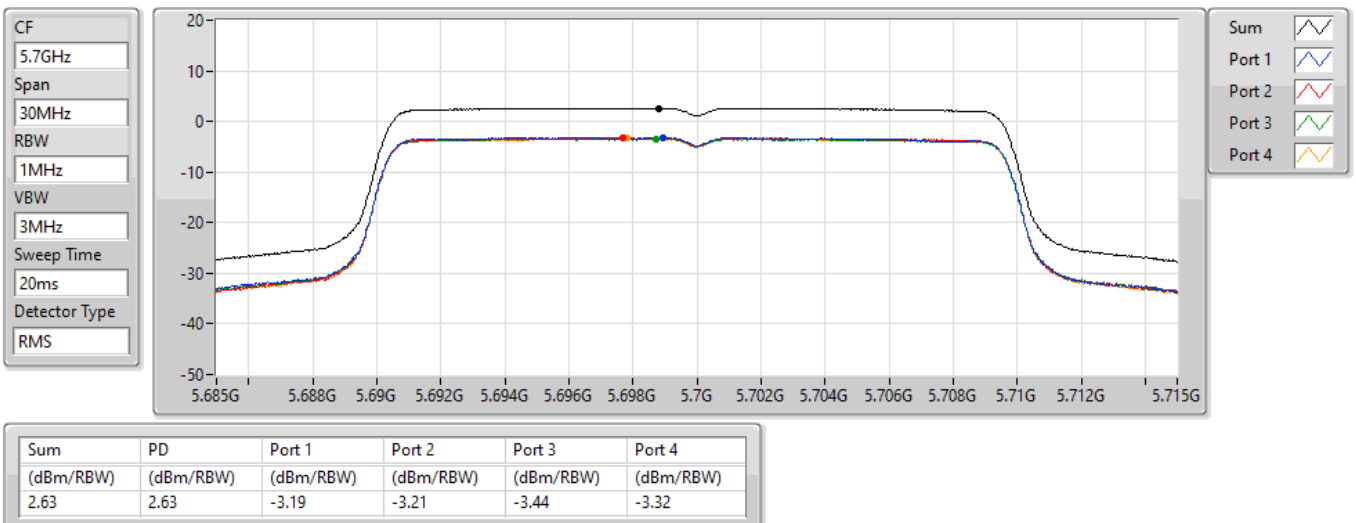


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

28/09/2021

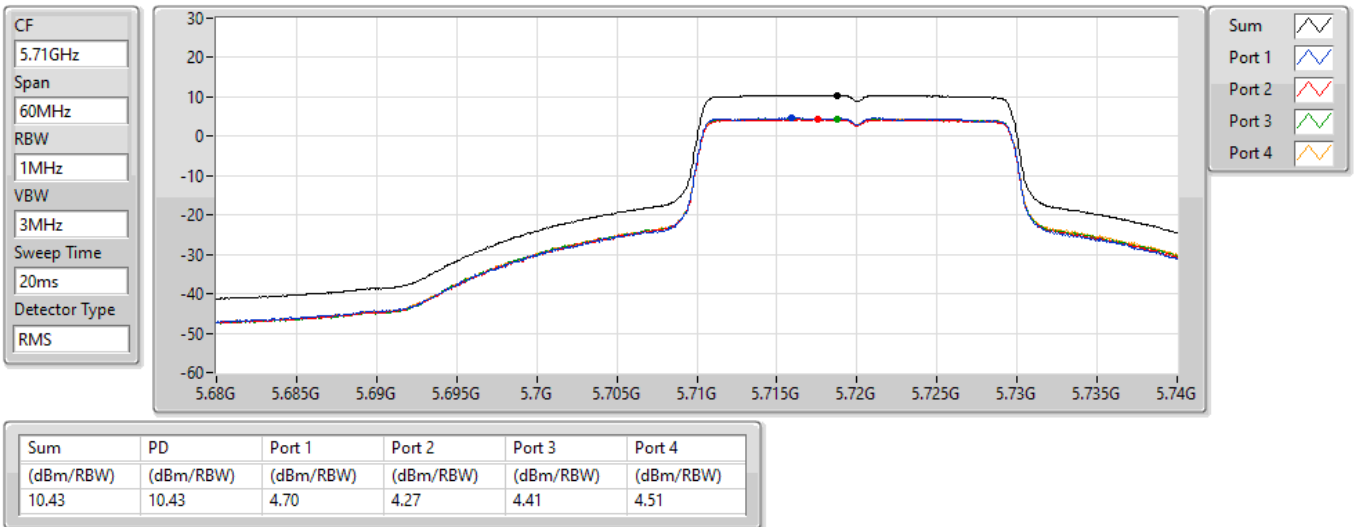


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/09/2021

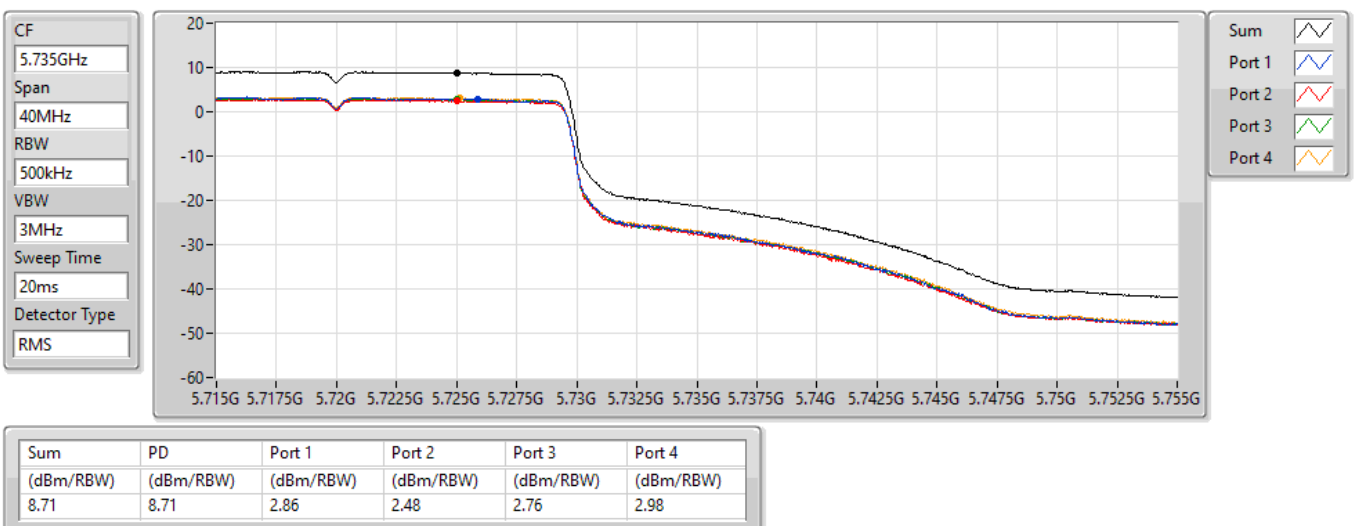


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/09/2021

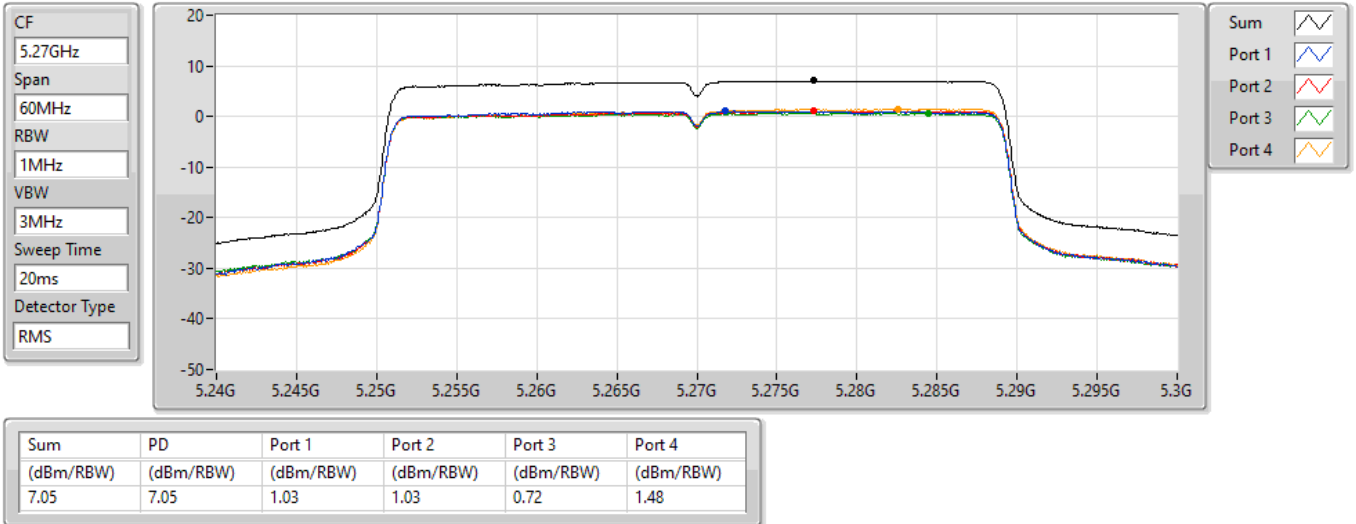


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

28/09/2021

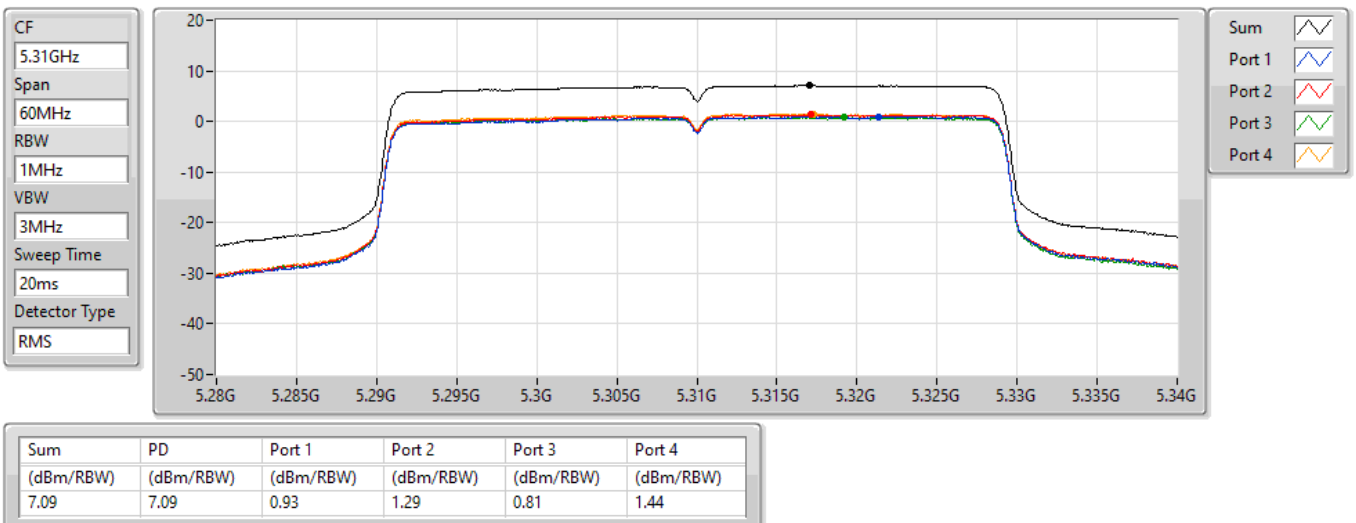


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

28/09/2021

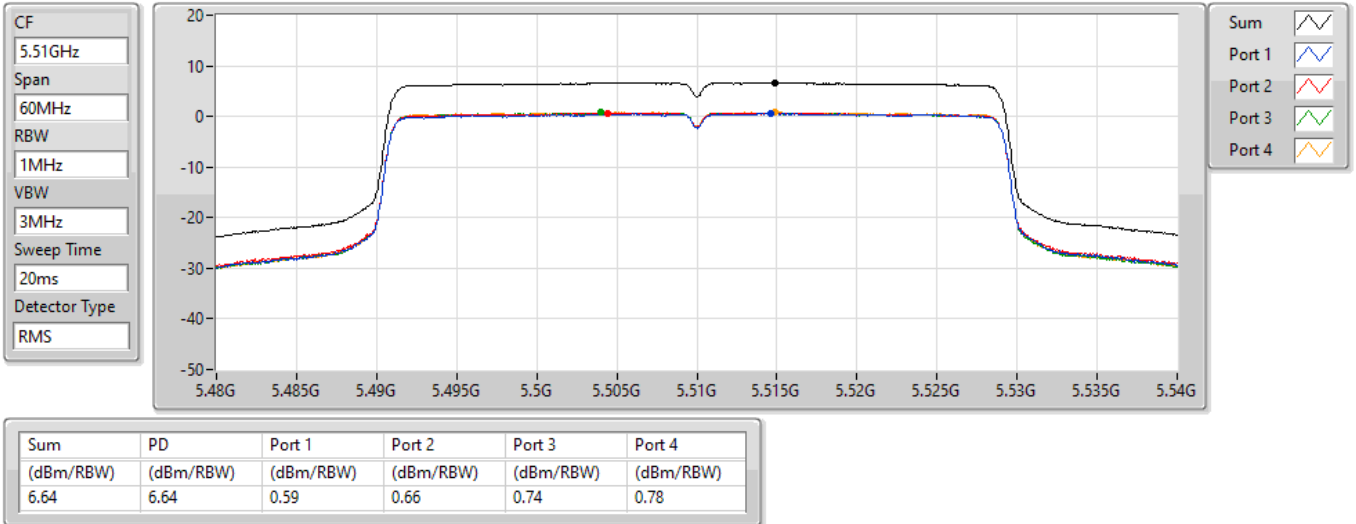


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

28/09/2021

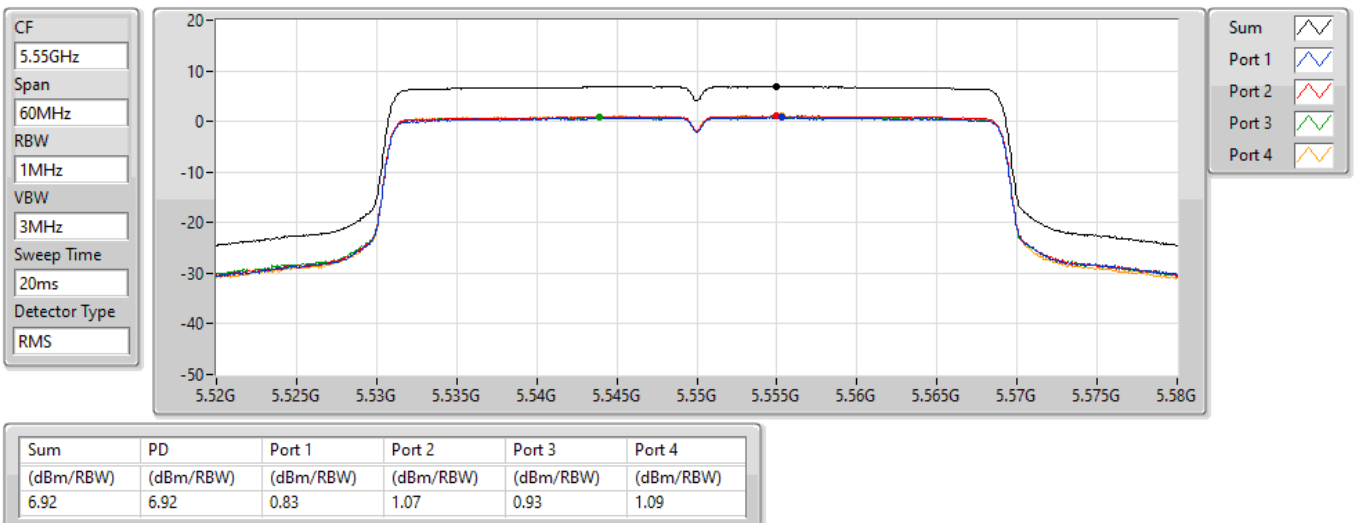


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

28/09/2021

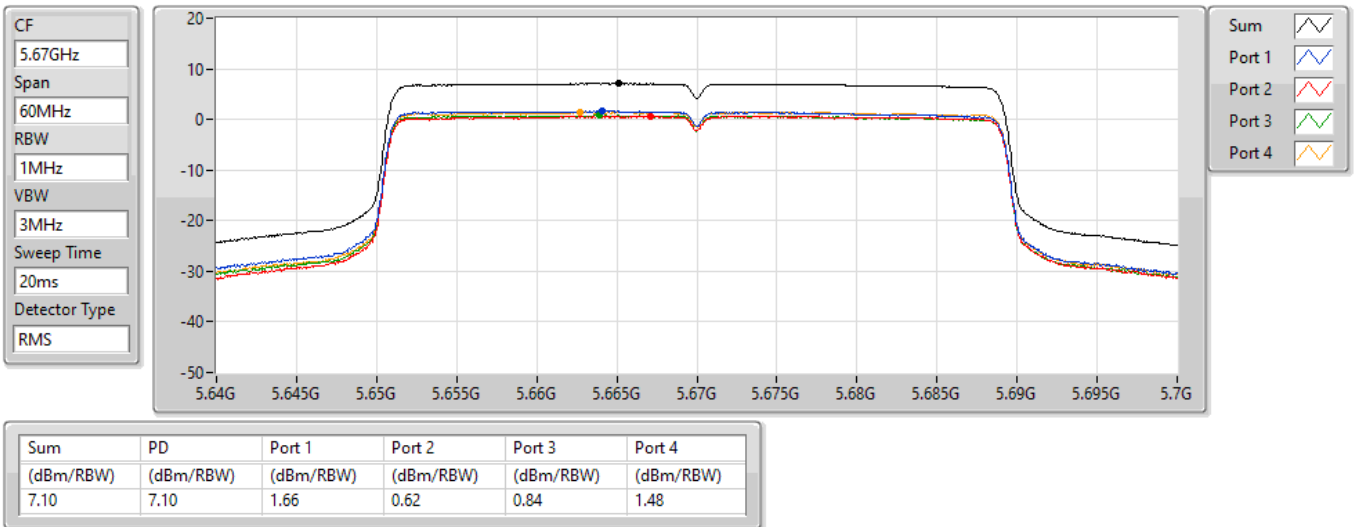


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

28/09/2021

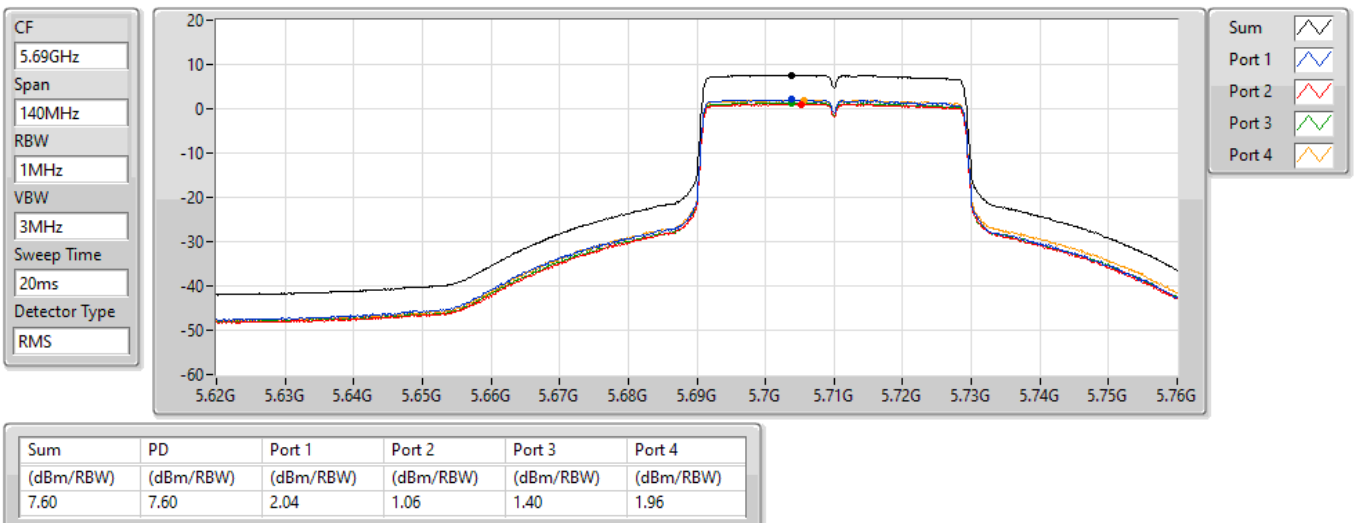


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

28/09/2021

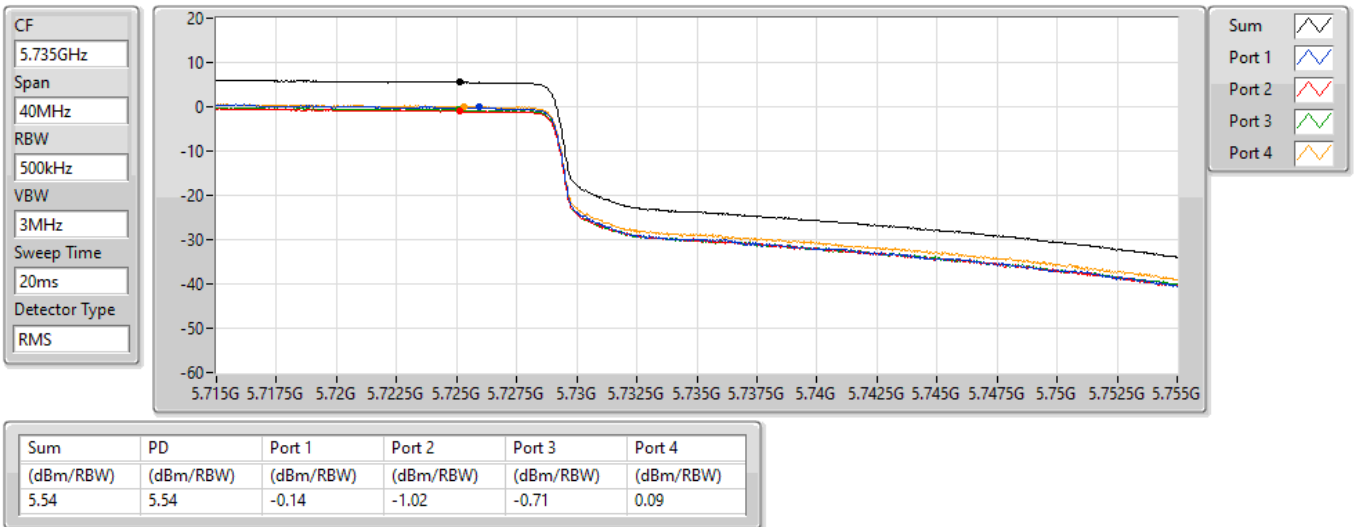


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

28/09/2021

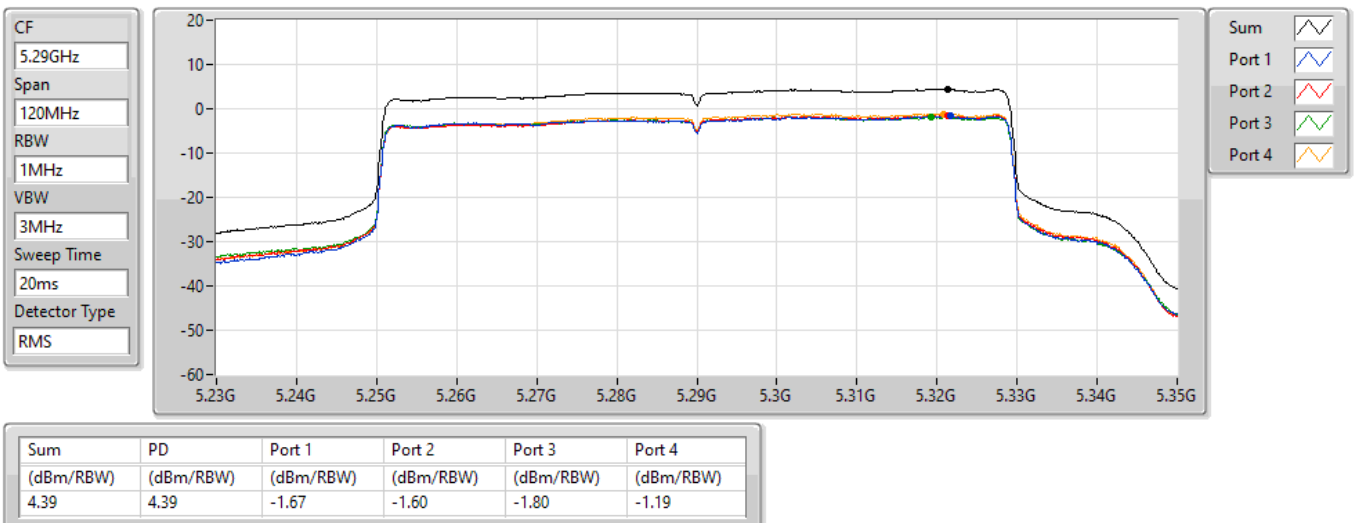


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

28/09/2021

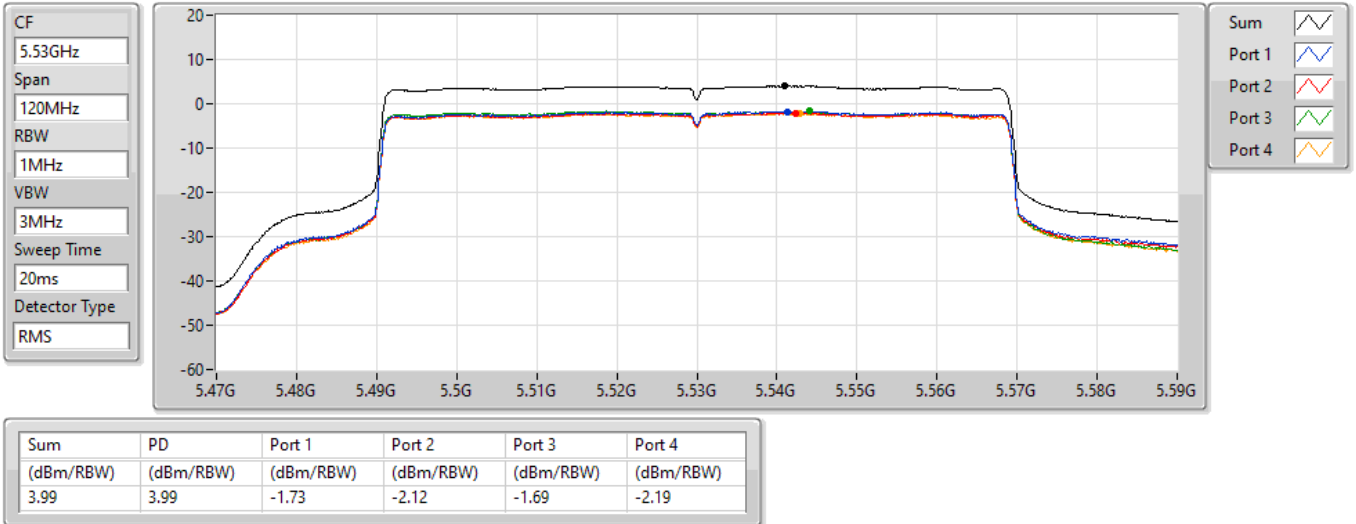


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

28/09/2021

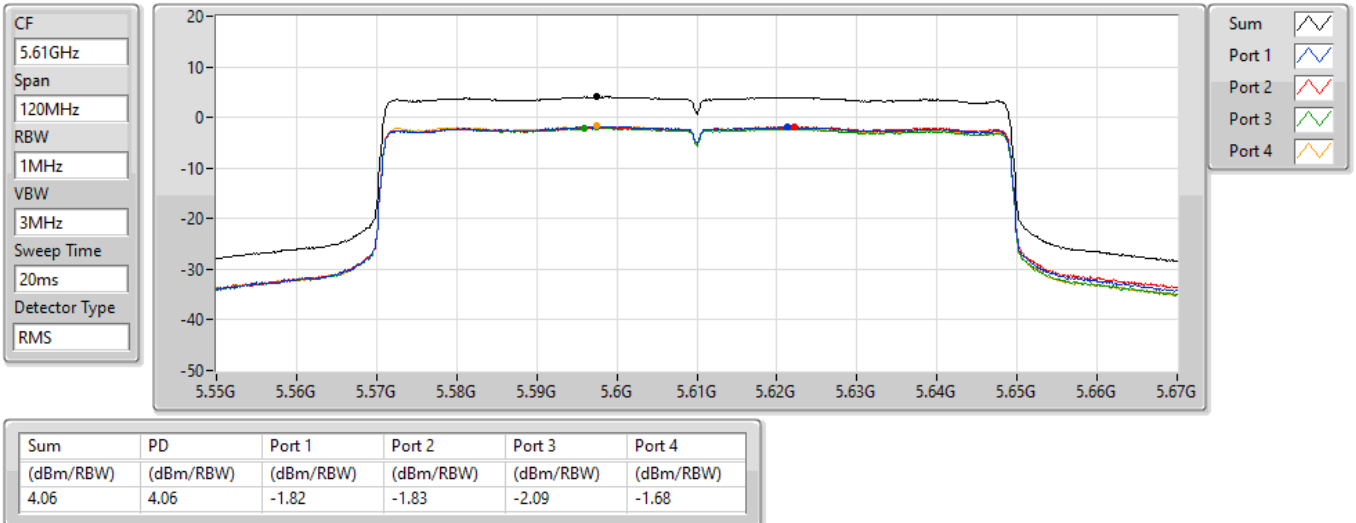


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

28/09/2021

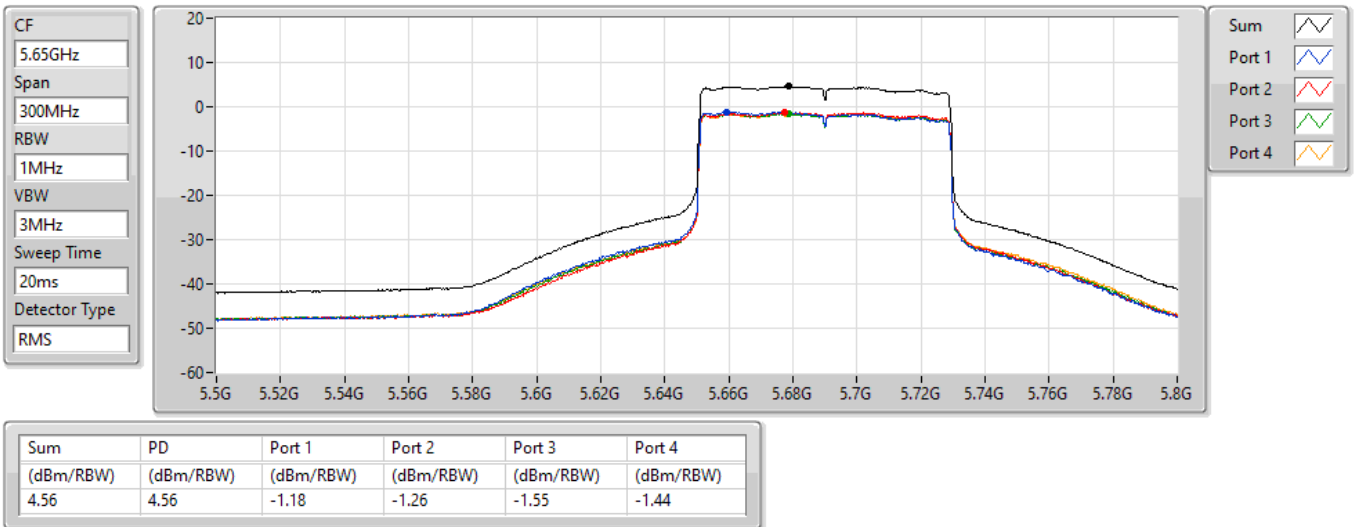


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

28/09/2021

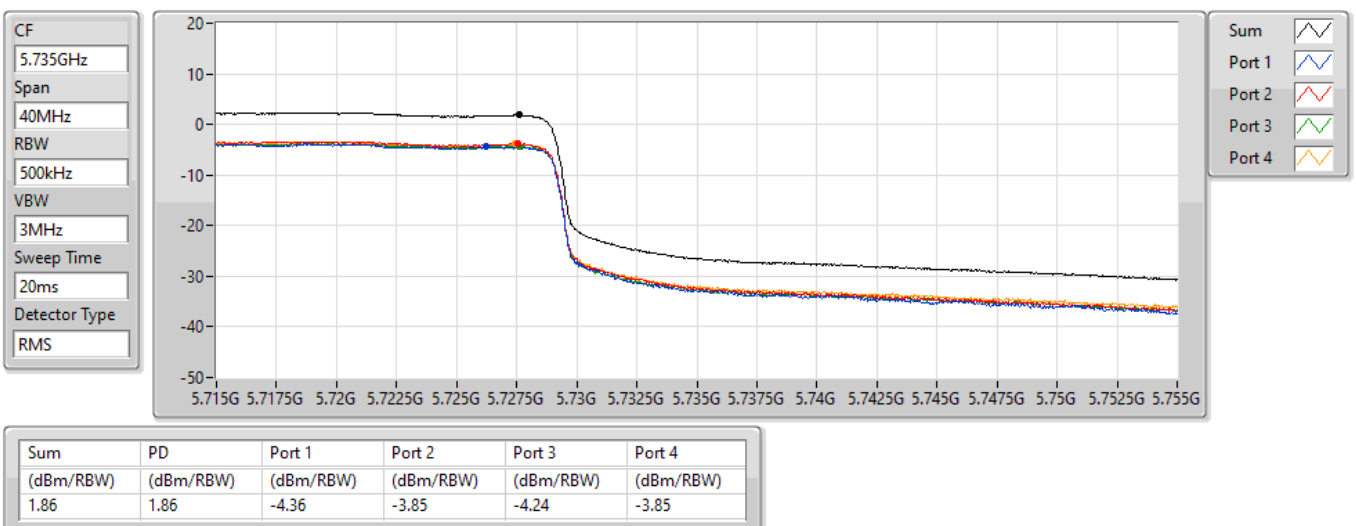


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

28/09/2021

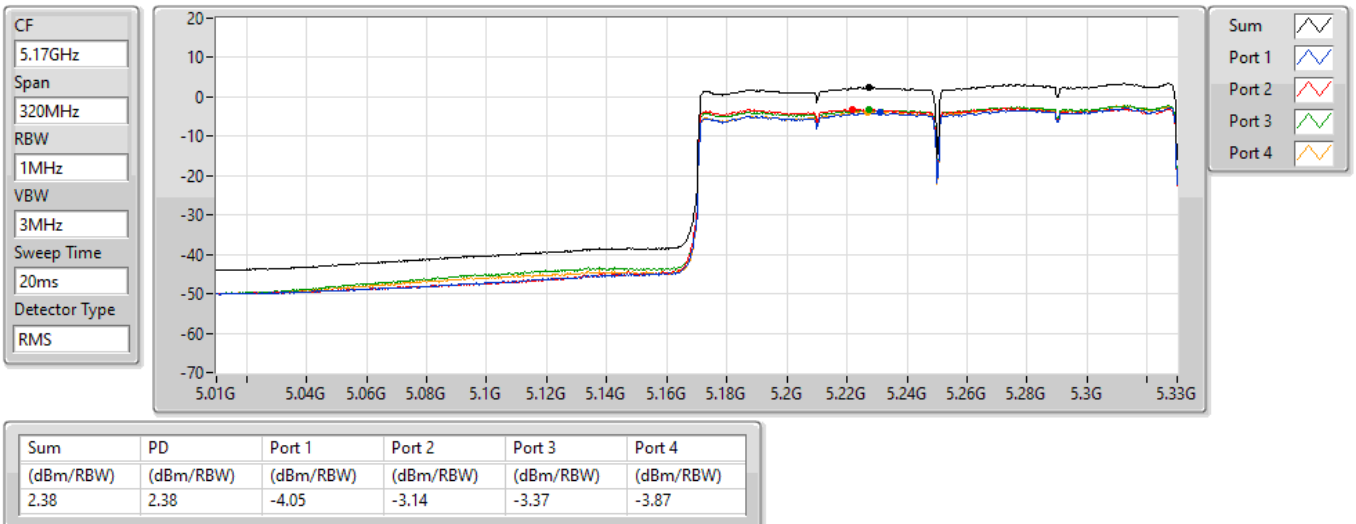


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

15/11/2021

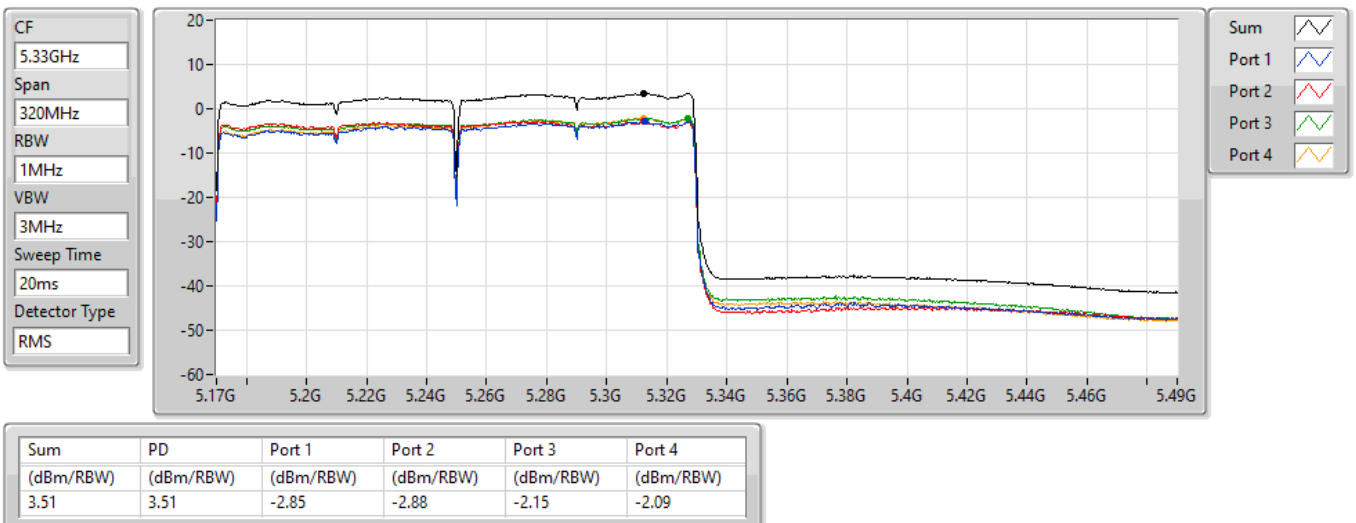


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

15/11/2021

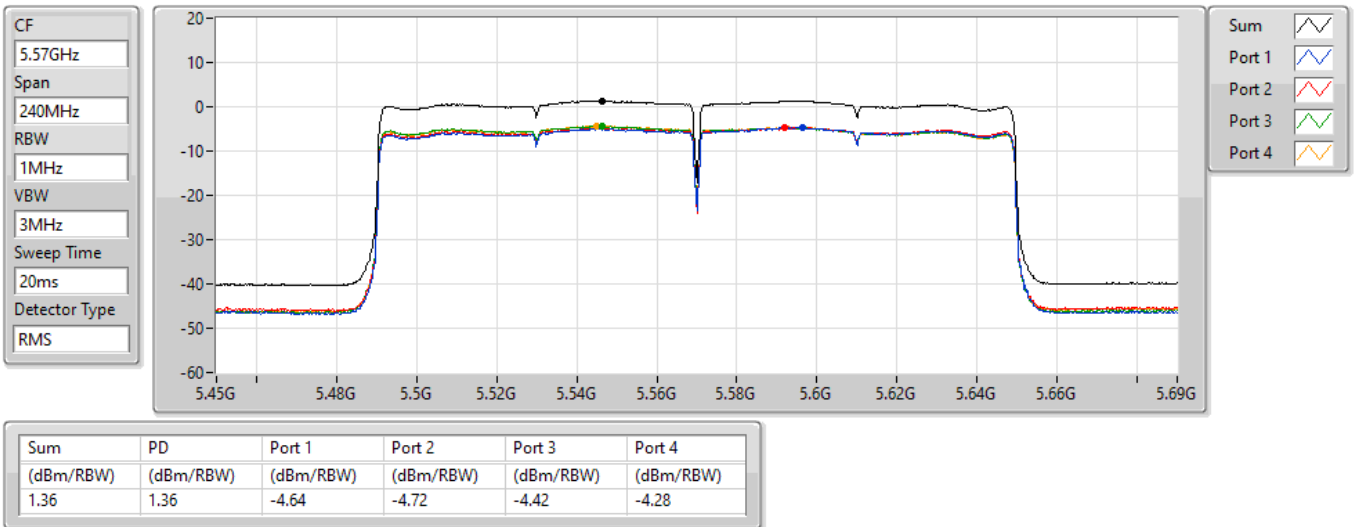


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

28/09/2021





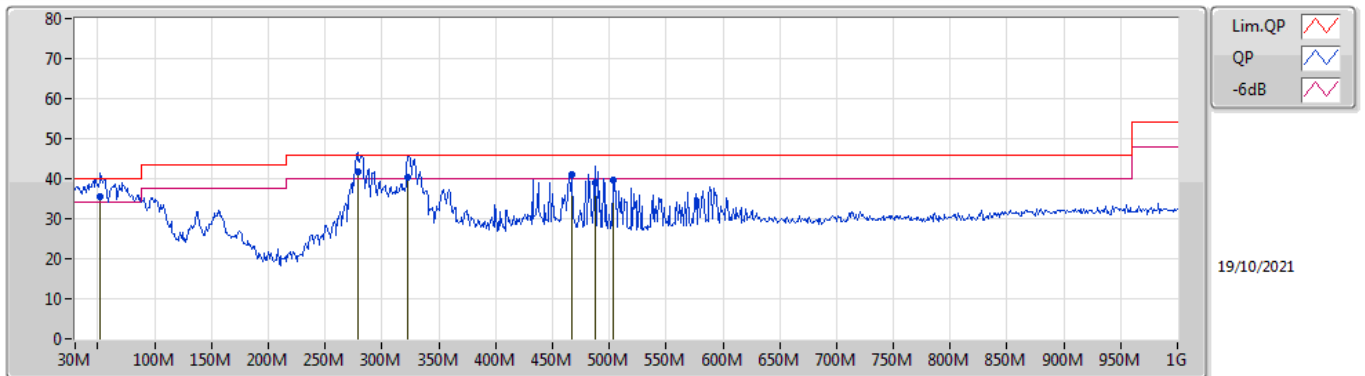
Radiated Emissions below 1GHz

Appendix E.1

Summary

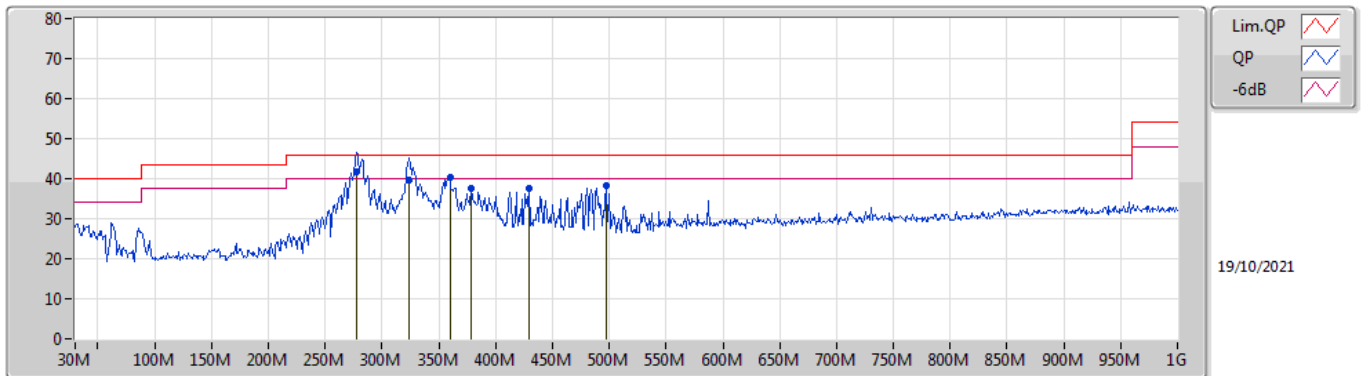
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	278.32M	41.84	46.00	-4.16	Vertical

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	52.31M	35.62	40.00	-4.38	-17.48	3	Vertical	358	1.50	"Worst"	53.10	13.25	1.05	31.78
PK	467.47M	41.13	46.00	-4.87	-5.95	3	Vertical	166	1.25	-	47.08	22.98	3.37	32.30
QP	487.84M	39.10	46.00	-6.90	-5.71	3	Vertical	151	1.00	-	44.81	23.16	3.45	32.32
QP	278.32M	41.84	46.00	-4.16	-10.86	3	Vertical	198	1.50	-	52.70	18.62	2.57	32.05
PK	503.36M	39.76	46.00	-6.24	-5.66	3	Vertical	249	1.00	-	45.42	23.17	3.51	32.34
QP	322.94M	40.50	46.00	-5.50	-9.80	3	Vertical	215	1.50	-	50.30	19.50	2.79	32.09

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	277.35M	41.61	46.00	-4.39	-10.89	3	Horizontal	119	1.00	"Worst"	52.50	18.60	2.56	32.05
QP	323.91M	39.53	46.00	-6.47	-9.77	3	Horizontal	357	1.25	-	49.30	19.52	2.80	32.09
PK	359.8M	40.25	46.00	-5.75	-8.54	3	Horizontal	171	1.00	-	48.79	20.65	2.94	32.13
PK	378.23M	37.50	46.00	-8.50	-8.32	3	Horizontal	232	1.00	-	45.82	20.83	3.01	32.16
PK	429.64M	37.65	46.00	-8.35	-6.56	3	Horizontal	128	2.00	-	44.21	22.46	3.22	32.24
PK	497.54M	38.13	46.00	-7.87	-5.66	3	Horizontal	276	2.00	-	43.79	23.18	3.49	32.33

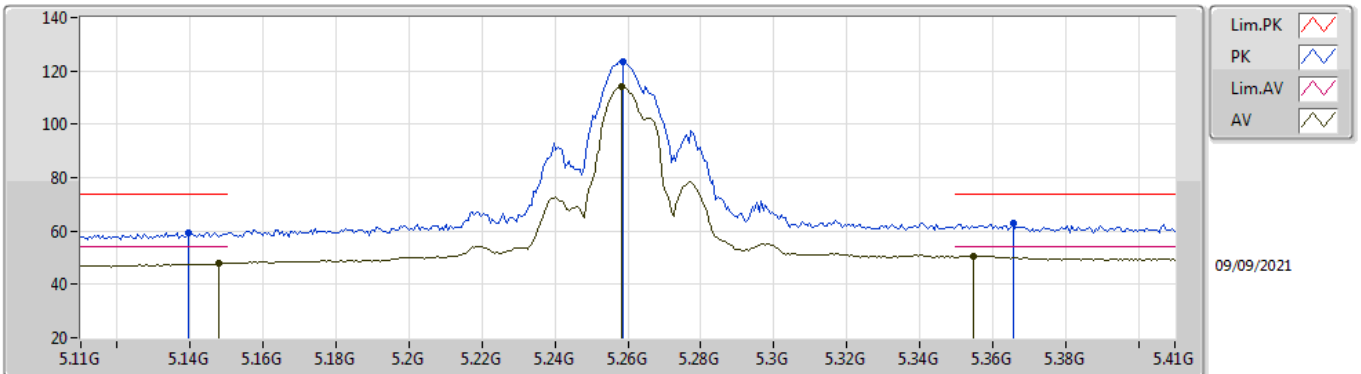


Summary

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_Nss1,(MCS0)_4TX	Pass	AV	5.362G	53.95	54.00	-0.05	3	Vertical	172	1.89	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

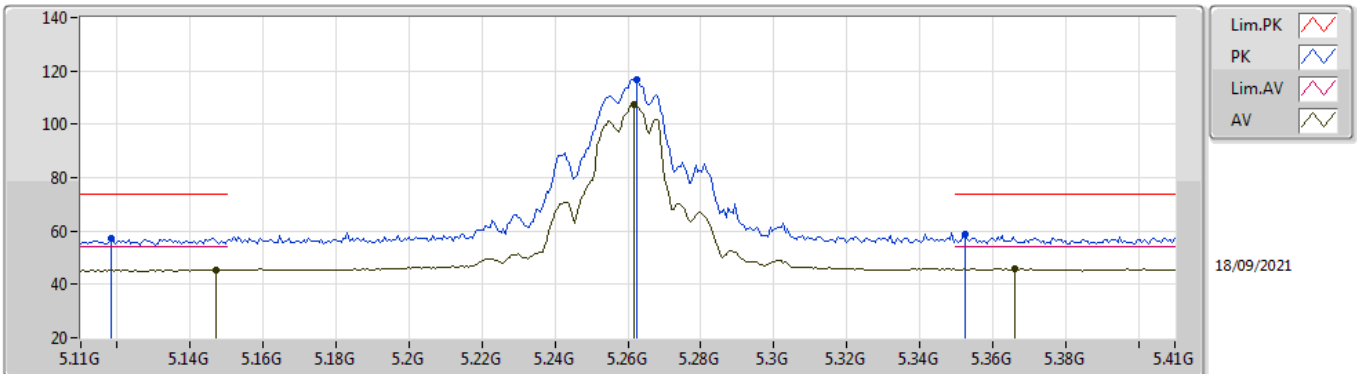


EUT Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.1394G	59.55	74.00	-14.45	54.76	3	Vertical	250	2.17	-	31.76	5.00	31.97
AV	5.1478G	47.90	54.00	-6.10	43.17	3	Vertical	250	2.17	-	31.71	5.00	31.98
PK	5.2588G	123.47	Inf	-Inf	119.39	3	Vertical	250	2.17	-	31.10	5.00	32.02
AV	5.2582G	114.29	Inf	-Inf	110.21	3	Vertical	250	2.17	-	31.10	5.00	32.02
PK	5.3656G	63.00	74.00	-11.00	58.88	3	Vertical	250	2.17	-	31.19	5.00	32.07
AV	5.3548G	50.71	54.00	-3.29	46.65	3	Vertical	250	2.17	-	31.13	5.00	32.07

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

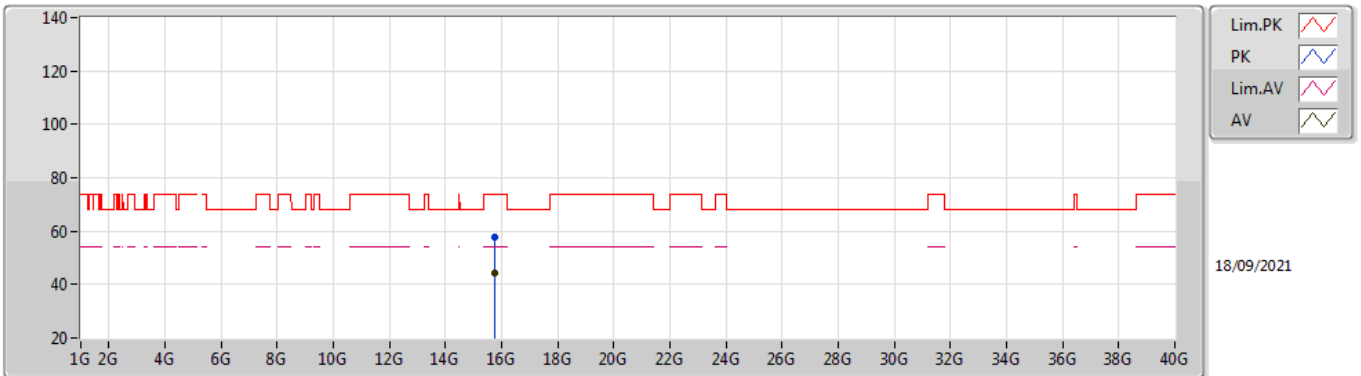


EUT V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.1184G	57.10	74.00	-16.90	52.17	3	Horizontal	243	1.96	-	31.89	5.00	31.96
AV	5.1472G	45.58	54.00	-8.42	40.83	3	Horizontal	243	1.96	-	31.72	5.00	31.97
PK	5.2624G	116.95	Inf	-Inf	112.88	3	Horizontal	243	1.96	-	31.10	5.00	32.03
AV	5.2618G	107.56	Inf	-Inf	103.49	3	Horizontal	243	1.96	-	31.10	5.00	32.03
PK	5.3524G	58.56	74.00	-15.44	54.52	3	Horizontal	243	1.96	-	31.11	5.00	32.07
AV	5.3662G	45.82	54.00	-8.18	41.69	3	Horizontal	243	1.96	-	31.20	5.00	32.07

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

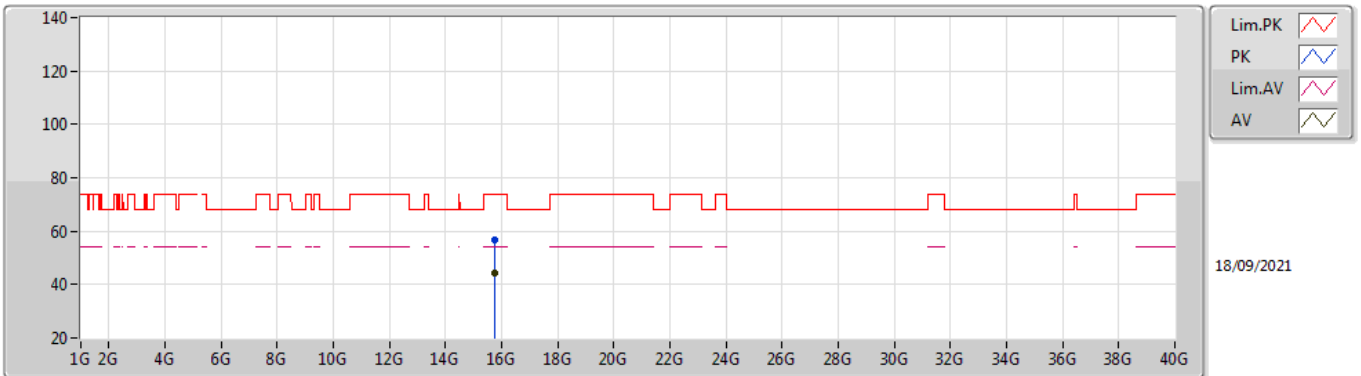


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	15.77822G	57.87	74.00	-16.13	43.91	3	Vertical	133	2.64	-	37.80	10.49	34.33
AV	15.77712G	44.16	54.00	-9.84	30.20	3	Vertical	133	2.64	-	37.80	10.49	34.33

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

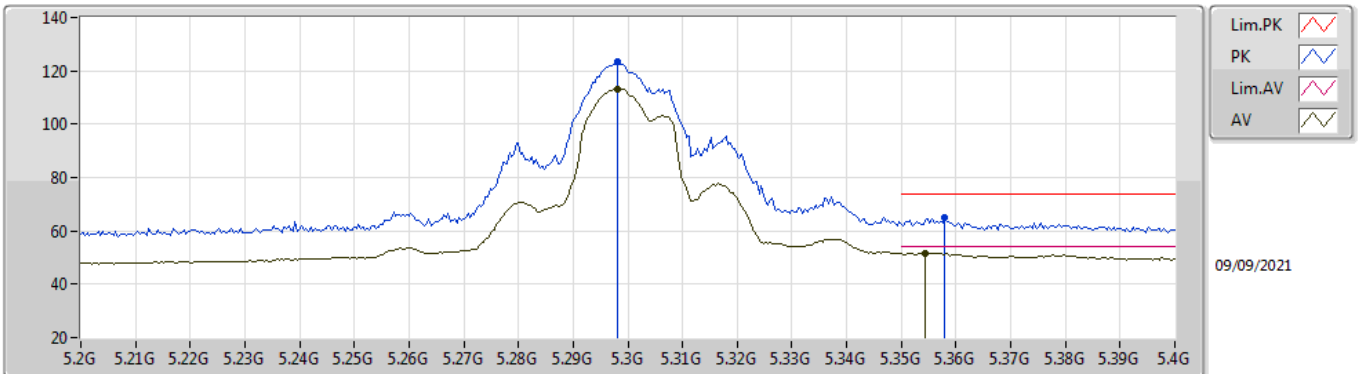


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	15.77708G	56.63	74.00	-17.37	42.67	3	Horizontal	56	1.20	-	37.80	10.49	34.33
AV	15.77648G	44.17	54.00	-9.83	30.21	3	Horizontal	56	1.20	-	37.80	10.49	34.33

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

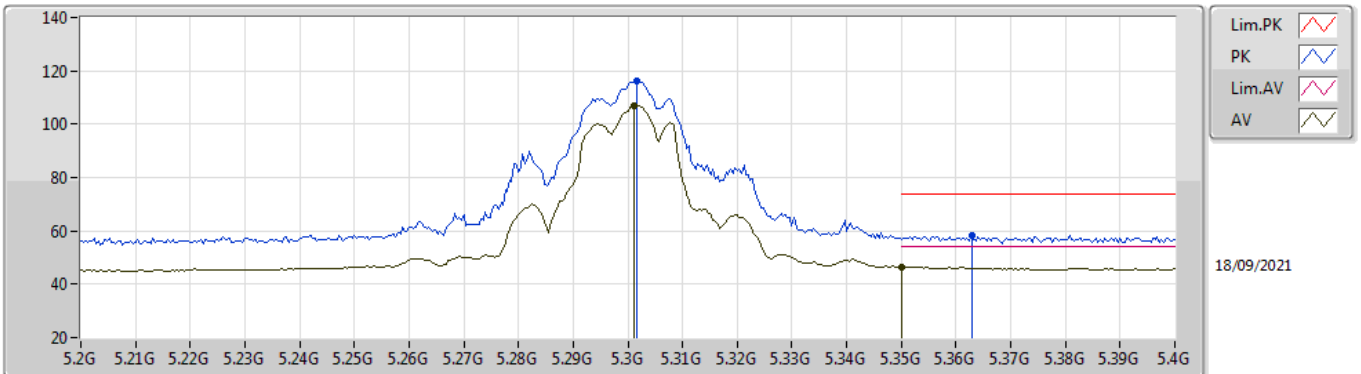


EUT_Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.298G	123.60	Inf	-Inf	119.54	3	Vertical	248	2.09	-	31.10	5.00	32.04	
AV	5.298G	113.16	Inf	-Inf	109.10	3	Vertical	248	2.09	-	31.10	5.00	32.04	
PK	5.358G	64.97	74.00	-9.03	60.89	3	Vertical	248	2.09	-	31.15	5.00	32.07	
AV	5.3544G	51.78	54.00	-2.22	47.72	3	Vertical	248	2.09	-	31.13	5.00	32.07	

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

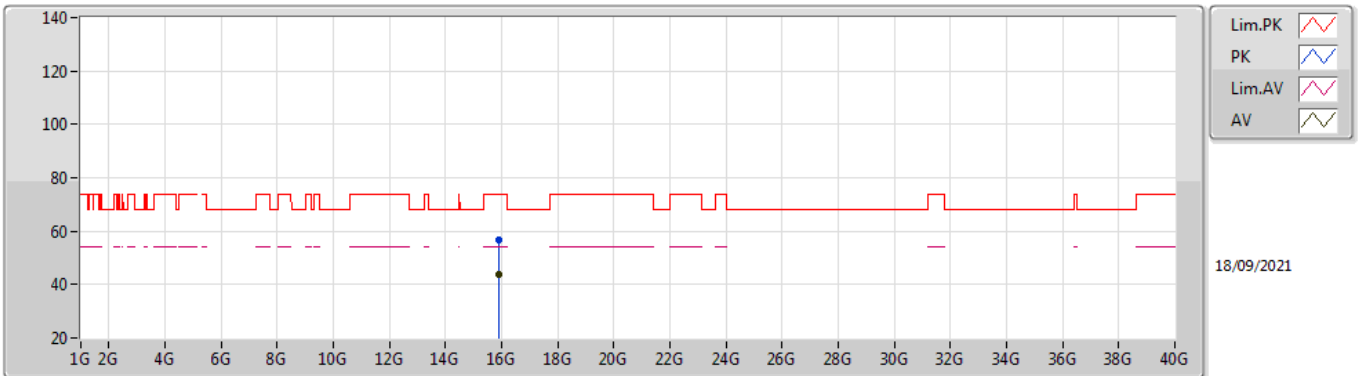


EUT_Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	116.32	Inf	-Inf	112.26	3	Horizontal	244	1.89	-	31.10	5.00	32.04	
AV	5.3012G	106.90	Inf	-Inf	102.84	3	Horizontal	244	1.89	-	31.10	5.00	32.04	
PK	5.3628G	58.38	74.00	-15.62	54.27	3	Horizontal	244	1.89	-	31.18	5.00	32.07	
AV	5.35G	46.40	54.00	-7.60	42.36	3	Horizontal	244	1.89	-	31.10	5.00	32.06	

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

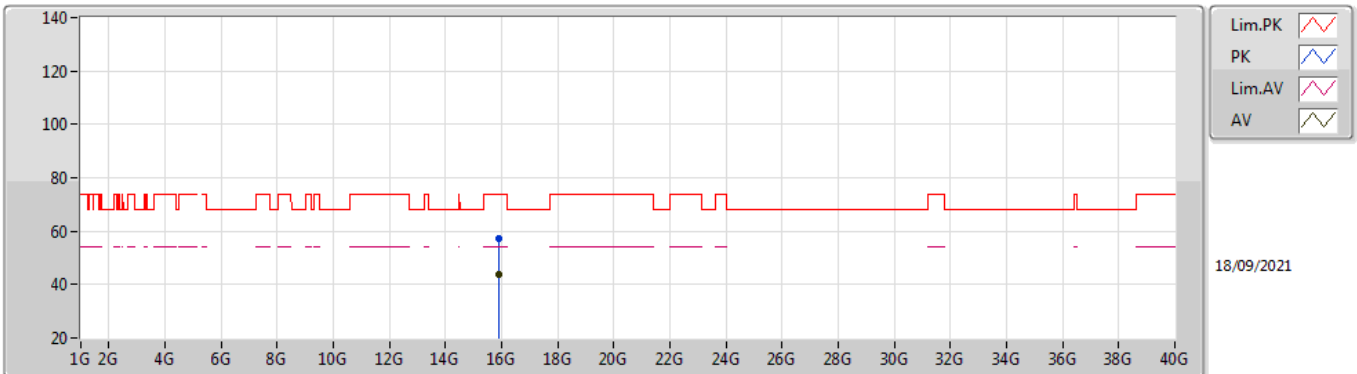


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	15.89656G	56.78	74.00	-17.22	43.00	3	Vertical	144	2.25	-	37.61	10.55	34.38
AV	15.89854G	43.92	54.00	-10.08	30.15	3	Vertical	144	2.25	-	37.60	10.55	34.38

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

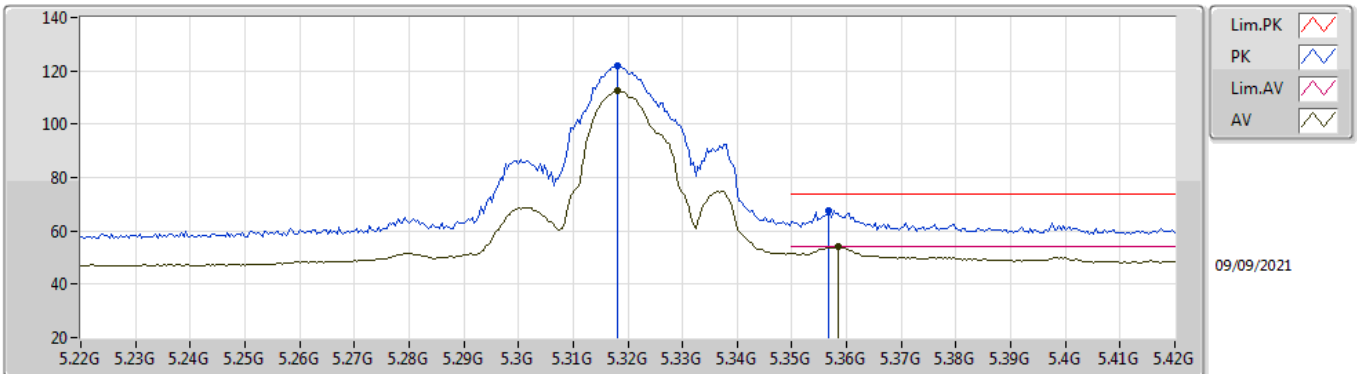


EUT_V_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	15.90182G	57.43	74.00	-16.57	43.66	3	Horizontal	197	1.94	-	37.60	10.55	34.38
AV	15.90216G	44.05	54.00	-9.95	30.28	3	Horizontal	197	1.94	-	37.60	10.55	34.38

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

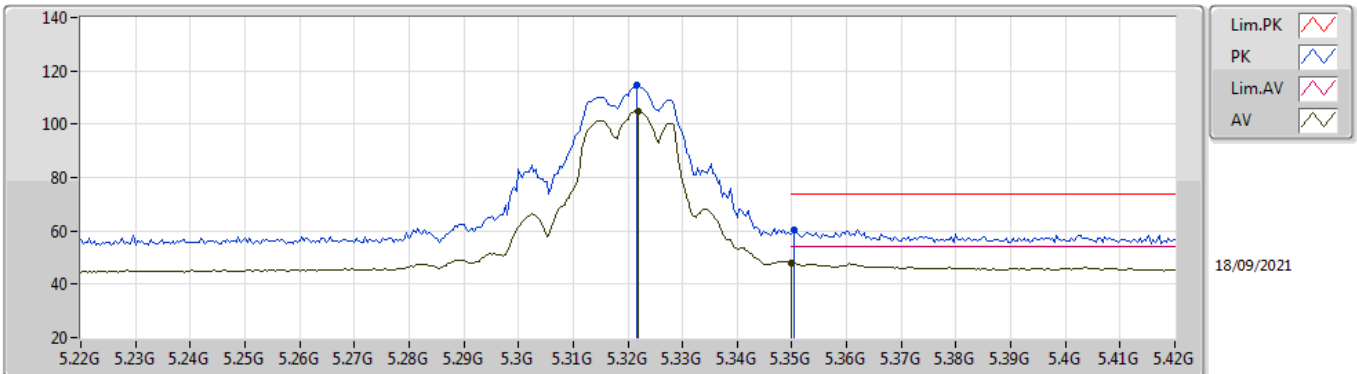


EUT_Y_4TX
Setting 92
06-E-S-5-10
PCB35
ANT WU0514

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	5.318G	121.80	Inf	-Inf	117.75	3	Vertical	250	2.40	-	31.10	5.00	32.05	
AV	5.318G	112.44	Inf	-Inf	108.39	3	Vertical	250	2.40	-	31.10	5.00	32.05	
PK	5.3568G	67.58	74.00	-6.42	63.51	3	Vertical	250	2.40	-	31.14	5.00	32.07	
AV	5.3584G	53.89	54.00	-0.11	49.81	3	Vertical	250	2.40	-	31.15	5.00	32.07	

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

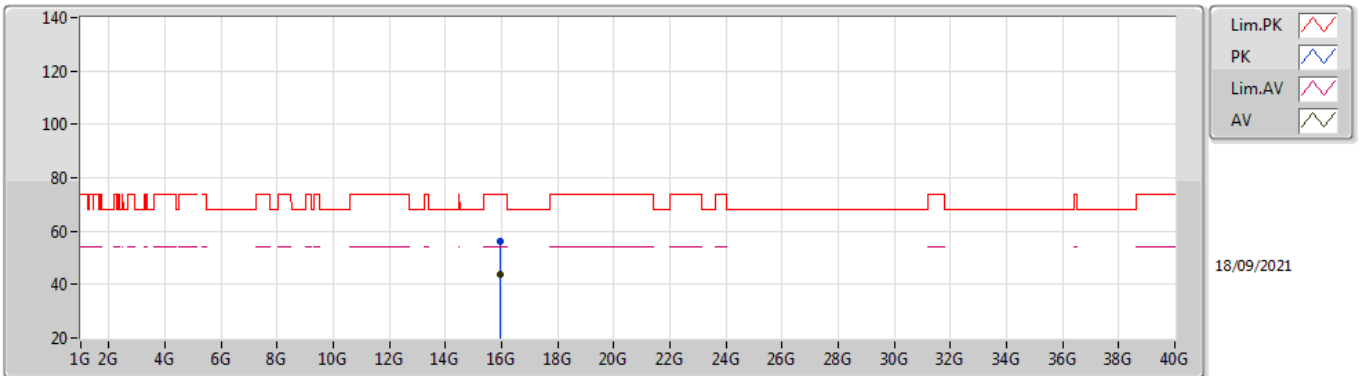


EUT_Y_4TX
Setting 92
06-E-S-5-10
PCB35
ANT WU0514

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	5.3216G	114.43	Inf	-Inf	110.38	3	Horizontal	243	2.11	-	31.10	5.00	32.05	
AV	5.322G	104.97	Inf	-Inf	100.92	3	Horizontal	243	2.11	-	31.10	5.00	32.05	
PK	5.3504G	60.36	74.00	-13.64	56.32	3	Horizontal	243	2.11	-	31.10	5.00	32.06	
AV	5.35G	47.95	54.00	-6.05	43.91	3	Horizontal	243	2.11	-	31.10	5.00	32.06	

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

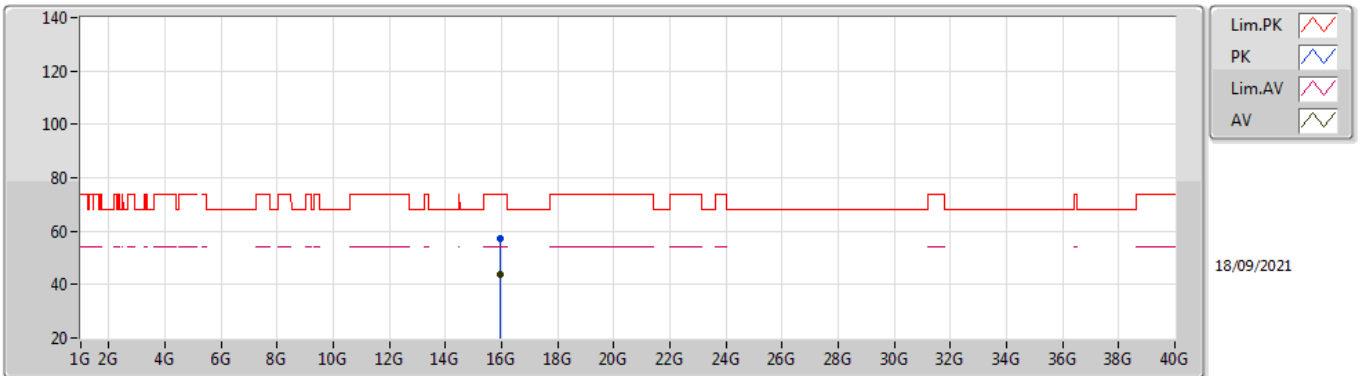


EUT Y_4TX
Setting 92
06-E-S-5-10
PCB35
ANT WU0514

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	15.95996G	56.41	74.00	-17.59	42.75	3	Vertical	47	2.44	-	37.48	10.58	34.40
AV	15.96096G	43.80	54.00	-10.20	30.14	3	Vertical	47	2.44	-	37.48	10.58	34.40

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

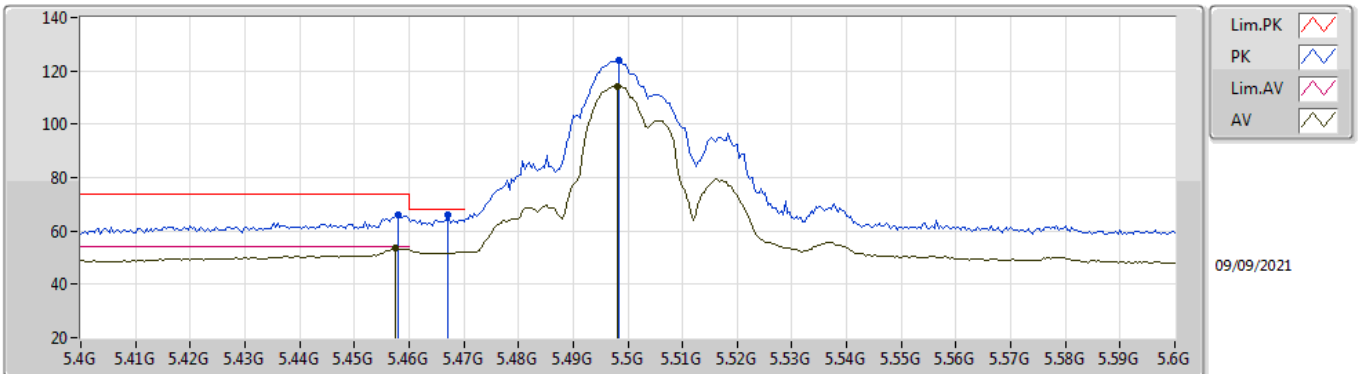


EUT Y_4TX
Setting 92
06-E-S-5-10
PCB35
ANT WU0514

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	15.95998G	57.34	74.00	-16.66	43.68	3	Horizontal	139	2.44	-	37.48	10.58	34.40
AV	15.95602G	43.85	54.00	-10.15	30.18	3	Horizontal	139	2.44	-	37.49	10.58	34.40

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

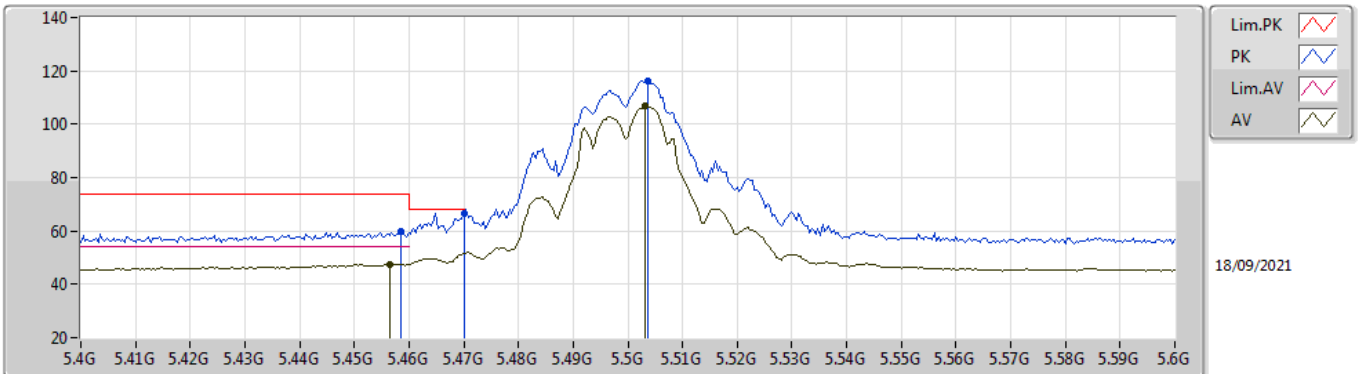


EUT V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.458G	65.91	74.00	-8.09	61.46	3	Vertical	252	2.10	-	31.50	5.06	32.11	
AV	5.4576G	53.41	54.00	-0.59	48.96	3	Vertical	252	2.10	-	31.50	5.06	32.11	
PK	5.4672G	65.90	68.20	-2.30	61.45	3	Vertical	252	2.10	-	31.50	5.07	32.12	
PK	5.4984G	123.91	Inf	-Inf	119.44	3	Vertical	252	2.10	-	31.50	5.10	32.13	
AV	5.498G	114.27	Inf	-Inf	109.80	3	Vertical	252	2.10	-	31.50	5.10	32.13	

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

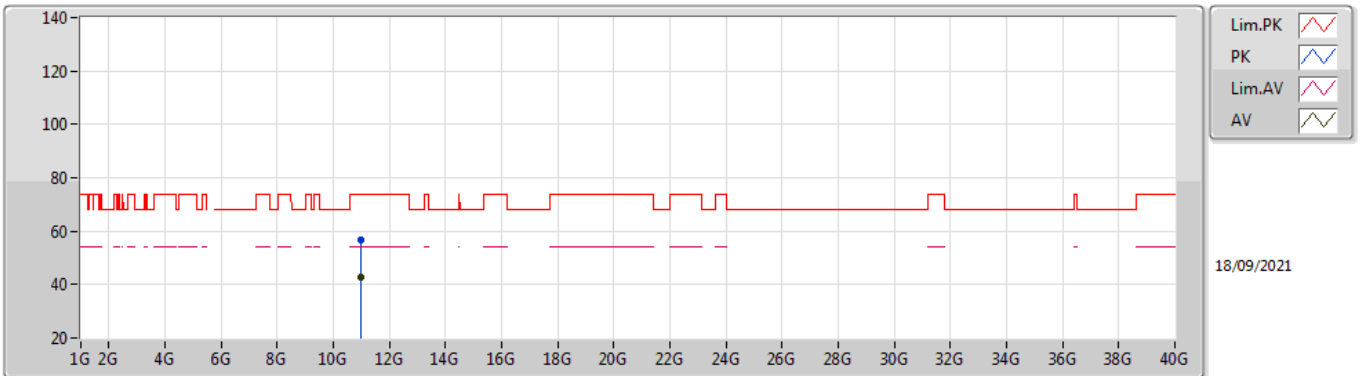


EUT V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.4584G	59.80	74.00	-14.20	55.35	3	Horizontal	80	2.14	-	31.50	5.06	32.11
AV	5.4564G	47.53	54.00	-6.47	43.08	3	Horizontal	80	2.14	-	31.50	5.06	32.11
PK	5.47G	66.81	68.20	-1.39	62.36	3	Horizontal	80	2.14	-	31.50	5.07	32.12
PK	5.5036G	116.32	Inf	-Inf	111.85	3	Horizontal	80	2.14	-	31.50	5.10	32.13
AV	5.5032G	106.67	Inf	-Inf	102.20	3	Horizontal	80	2.14	-	31.50	5.10	32.13

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

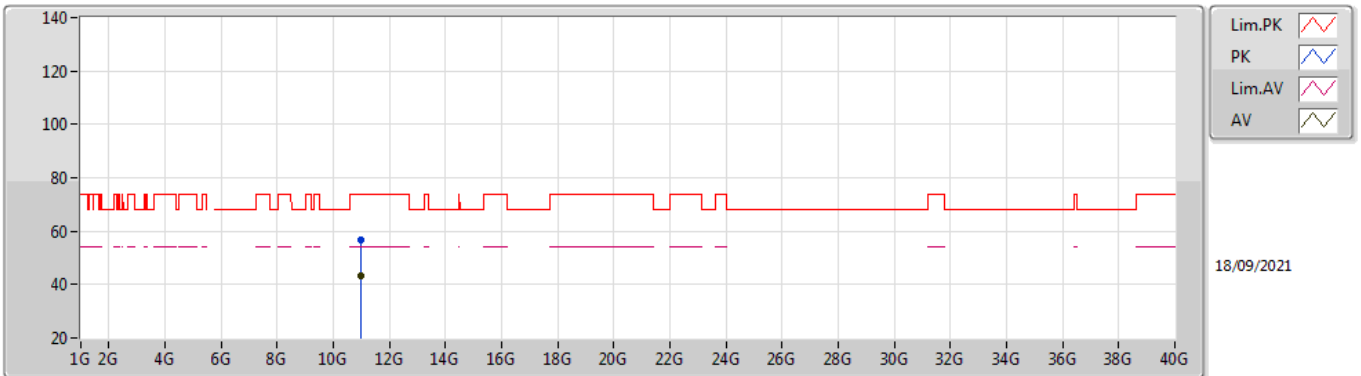


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00388G	56.79	74.00	-17.21	42.74	3	Vertical	155	2.69	-	40.18	8.10	34.23
AV	10.9981G	42.99	54.00	-11.01	28.92	3	Vertical	155	2.69	-	40.20	8.10	34.23

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

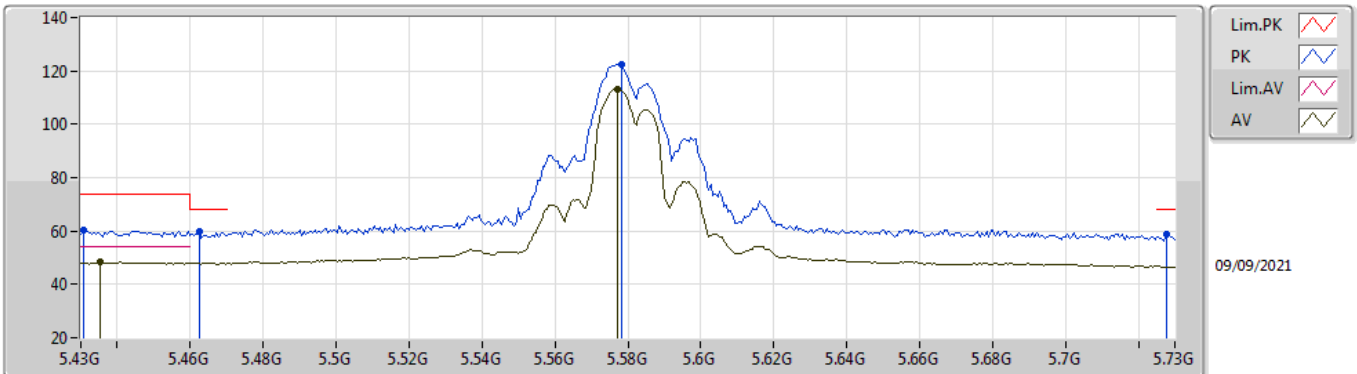


EUT_Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	10.9999G	56.53	74.00	-17.47	42.46	3	Horizontal	277	2.23	-	40.20	8.10	34.23
AV	10.9971G	43.06	54.00	-10.94	28.99	3	Horizontal	277	2.23	-	40.20	8.10	34.23

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

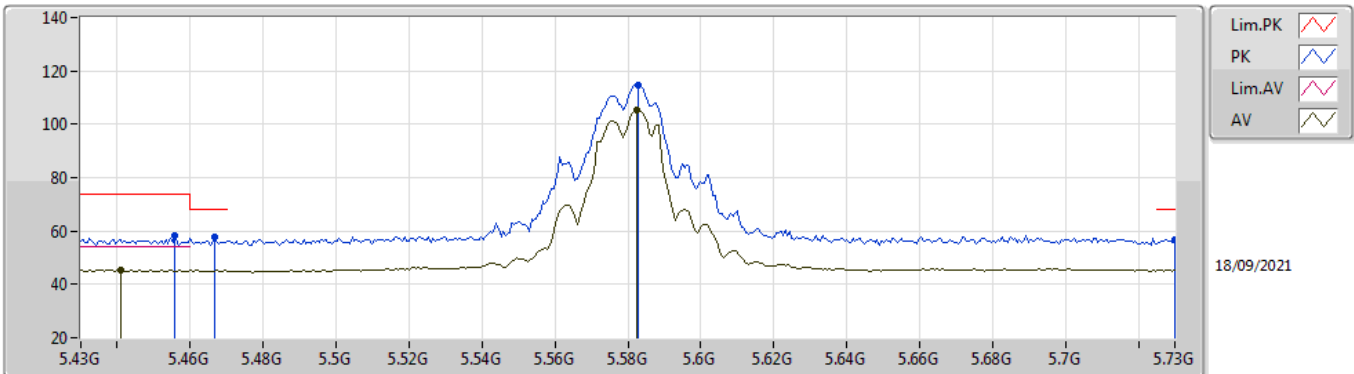


EUT V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.4306G	60.10	74.00	-13.90	55.71	3	Vertical	251	1.79	-	31.46	5.03	32.10
AV	5.4354G	48.31	54.00	-5.69	43.90	3	Vertical	251	1.79	-	31.47	5.04	32.10
PK	5.4624G	59.60	68.20	-8.60	55.15	3	Vertical	251	1.79	-	31.50	5.06	32.11
PK	5.5782G	122.58	Inf	-Inf	118.02	3	Vertical	251	1.79	-	31.56	5.18	32.18
AV	5.577G	113.21	Inf	-Inf	108.66	3	Vertical	251	1.79	-	31.55	5.18	32.18
PK	5.7276G	58.85	68.20	-9.35	53.95	3	Vertical	251	1.79	-	31.91	5.26	32.27

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

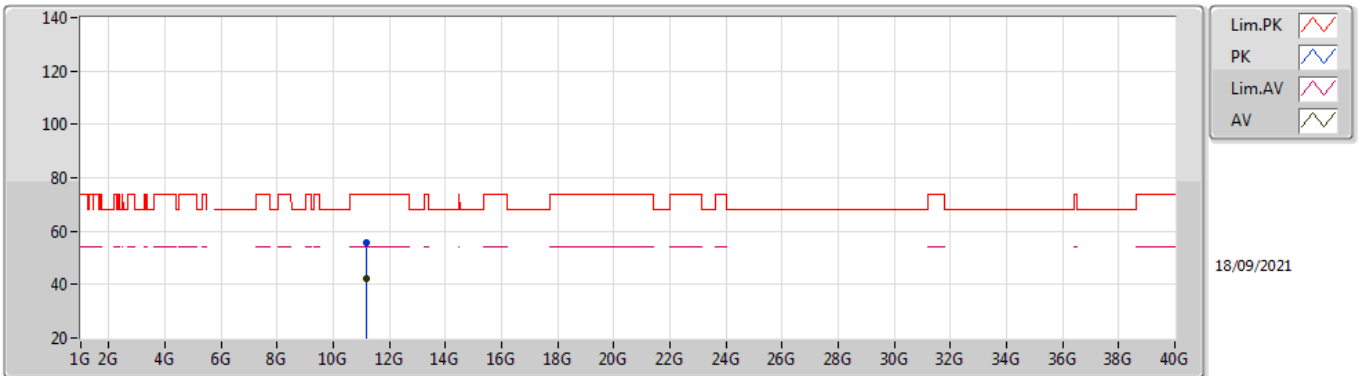


EUT V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.4558G	58.07	74.00	-15.93	53.62	3	Horizontal	78	3.00	-	31.50	5.06	32.11
AV	5.4408G	45.33	54.00	-8.67	40.91	3	Horizontal	78	3.00	-	31.48	5.04	32.10
PK	5.4666G	57.78	68.20	-10.42	53.33	3	Horizontal	78	3.00	-	31.50	5.07	32.12
PK	5.583G	114.77	Inf	-Inf	110.20	3	Horizontal	78	3.00	-	31.57	5.18	32.18
AV	5.5824G	105.33	Inf	-Inf	100.77	3	Horizontal	78	3.00	-	31.56	5.18	32.18
PK	5.73G	56.57	68.20	-11.63	51.66	3	Horizontal	78	3.00	-	31.92	5.26	32.27

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

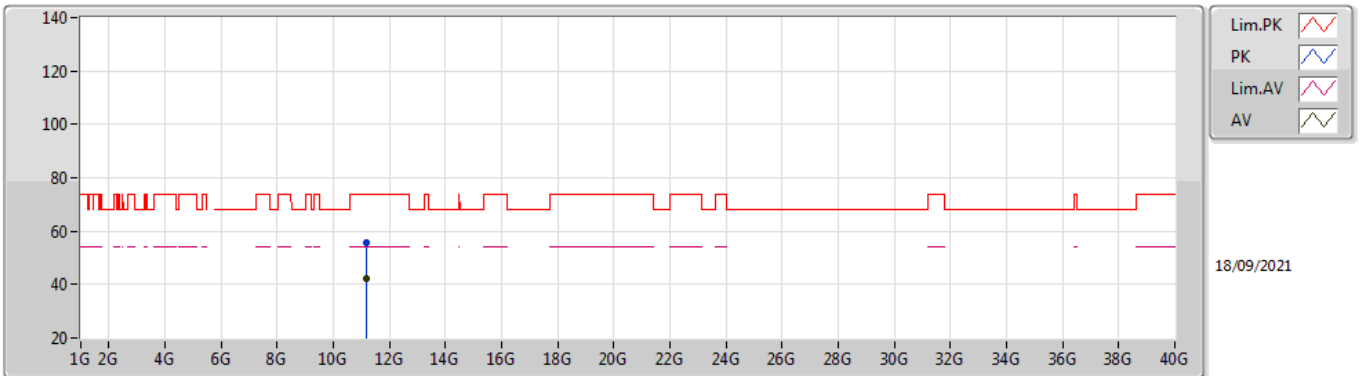


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.15884G	55.64	74.00	-18.36	42.06	3	Vertical	88	1.50	-	39.68	8.16	34.26
AV	11.15718G	42.30	54.00	-11.70	28.71	3	Vertical	88	1.50	-	39.69	8.16	34.26

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

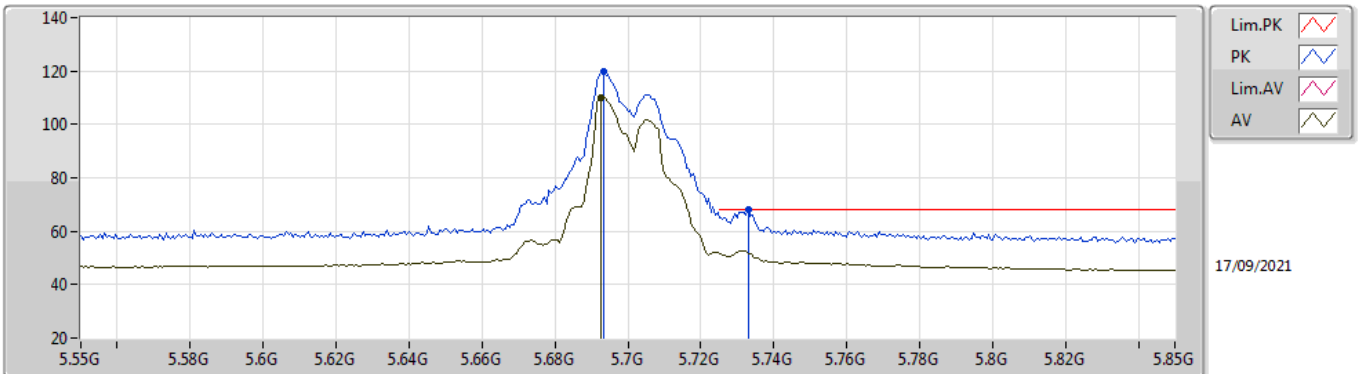


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.15992G	55.51	74.00	-18.49	41.93	3	Horizontal	311	1.36	-	39.68	8.16	34.26
AV	11.16196G	42.40	54.00	-11.60	28.82	3	Horizontal	311	1.36	-	39.68	8.16	34.26

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

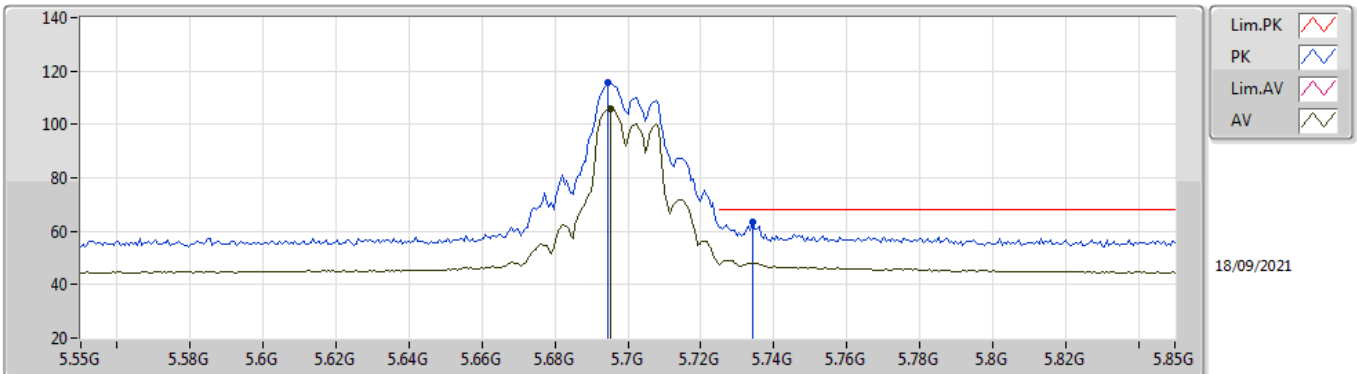


EUT Y_4TX
Setting 88
06-E-S-5-10
PCB35
ANT WU0514

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	5.6934G	119.69	Inf	-Inf	114.92	3	Vertical	170	1.80	-	31.77	5.25	32.25
AV	5.6928G	110.18	Inf	-Inf	105.41	3	Vertical	170	1.80	-	31.77	5.25	32.25
PK	5.733G	68.09	68.20	-0.11	63.16	3	Vertical	170	1.80	-	31.93	5.27	32.27

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

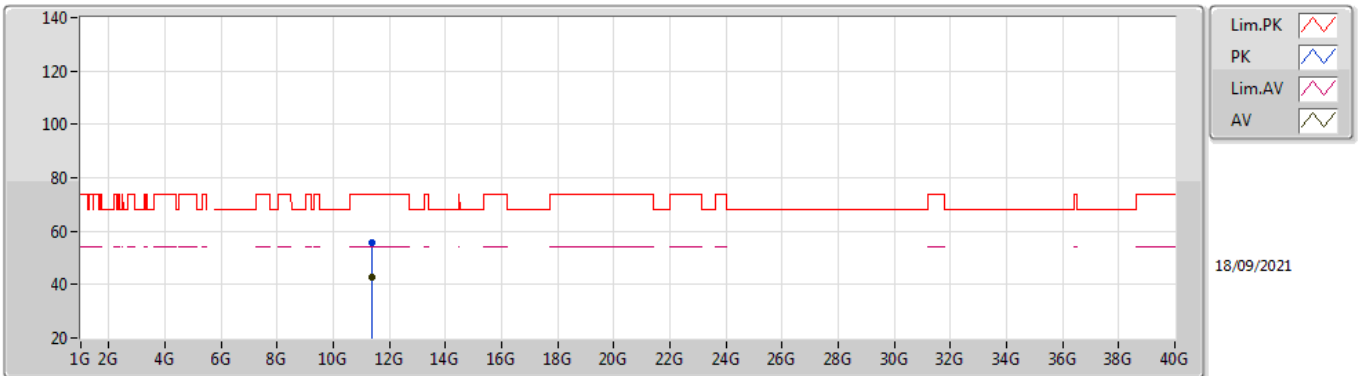


EUT Y_4TX
Setting 88
06-E-S-5-10
PCB35
ANT WU0514

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	5.6946G	115.44	Inf	-Inf	110.66	3	Horizontal	313	1.47	-	31.78	5.25	32.25
AV	5.6952G	105.97	Inf	-Inf	101.19	3	Horizontal	313	1.47	-	31.78	5.25	32.25
PK	5.7342G	63.46	68.20	-4.74	58.52	3	Horizontal	313	1.47	-	31.94	5.27	32.27

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

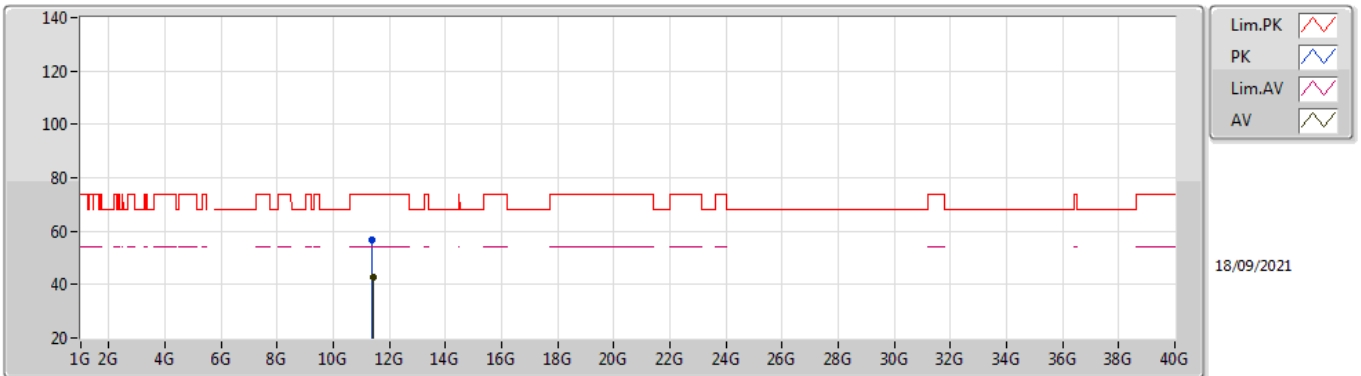


EUT Y_4TX
Setting 88
06-E-S-5
PCB35
ANT WU0514

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	11.39216G	55.92	74.00	-18.08	42.17	3	Vertical	171	1.30	-	39.78	8.26	34.29
AV	11.39824G	42.68	54.00	-11.32	28.91	3	Vertical	171	1.30	-	39.80	8.26	34.29

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

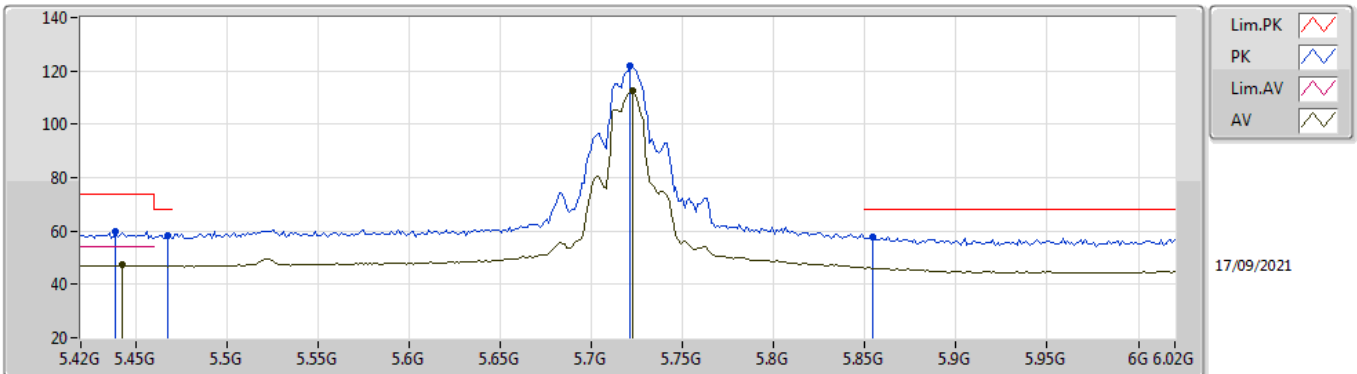


EUT Y_4TX
Setting 88
06-E-S-5
PCB35
ANT WU0514

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	11.39616G	56.53	74.00	-17.47	42.77	3	Horizontal	174	1.34	-	39.79	8.26	34.29
AV	11.40304G	42.77	54.00	-11.23	29.01	3	Horizontal	174	1.34	-	39.79	8.26	34.29

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

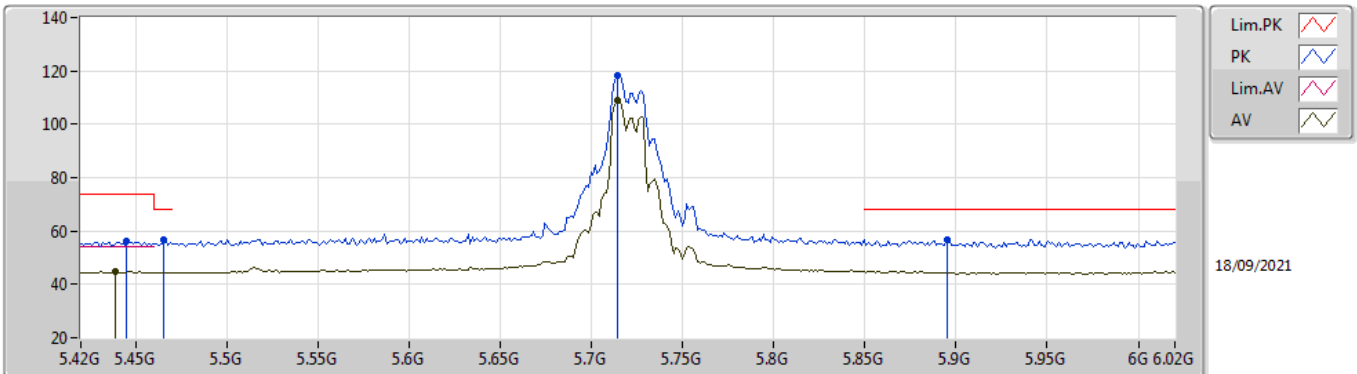


EUT V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.4392G	59.65	74.00	-14.35	55.23	3	Vertical	290	1.80	-	31.48	5.04	32.10
AV	5.4428G	47.16	54.00	-6.84	42.73	3	Vertical	290	1.80	-	31.49	5.04	32.10
PK	5.468G	58.53	68.20	-9.67	54.08	3	Vertical	290	1.80	-	31.50	5.07	32.12
PK	5.7212G	121.86	Inf	-Inf	116.98	3	Vertical	290	1.80	-	31.88	5.26	32.26
AV	5.7224G	112.69	Inf	-Inf	107.80	3	Vertical	290	1.80	-	31.89	5.26	32.26
PK	5.8544G	57.84	68.20	-10.36	52.82	3	Vertical	290	1.80	-	32.01	5.35	32.34

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

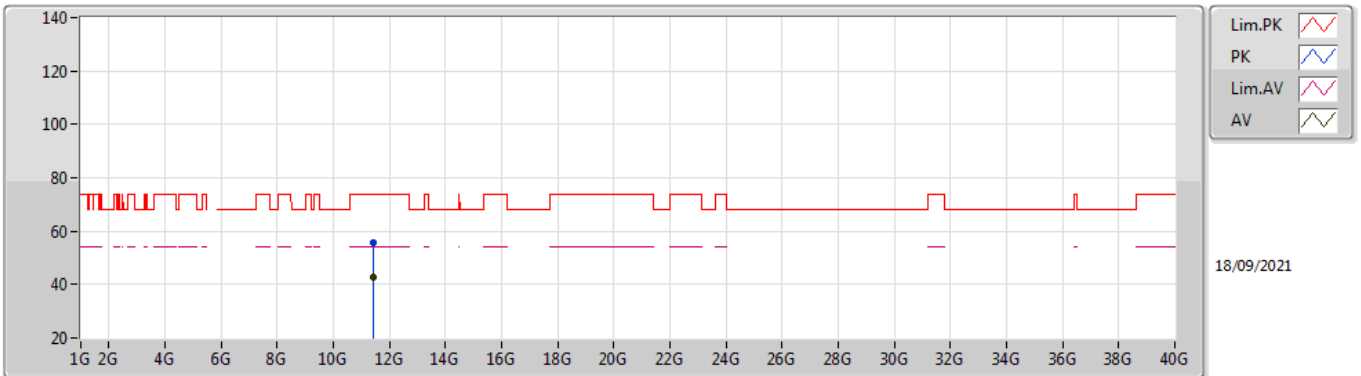


EUT_V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.4452G	56.17	74.00	-17.83	51.74	3	Horizontal	312	1.57	-	31.49	5.05	32.11
AV	5.4392G	44.72	54.00	-9.28	40.30	3	Horizontal	312	1.57	-	31.48	5.04	32.10
PK	5.4656G	56.91	68.20	-11.29	52.45	3	Horizontal	312	1.57	-	31.50	5.07	32.11
PK	5.714G	118.16	Inf	-Inf	113.30	3	Horizontal	312	1.57	-	31.86	5.26	32.26
AV	5.714G	108.81	Inf	-Inf	103.95	3	Horizontal	312	1.57	-	31.86	5.26	32.26
PK	5.8952G	56.87	68.20	-11.33	51.75	3	Horizontal	312	1.57	-	32.09	5.40	32.37

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

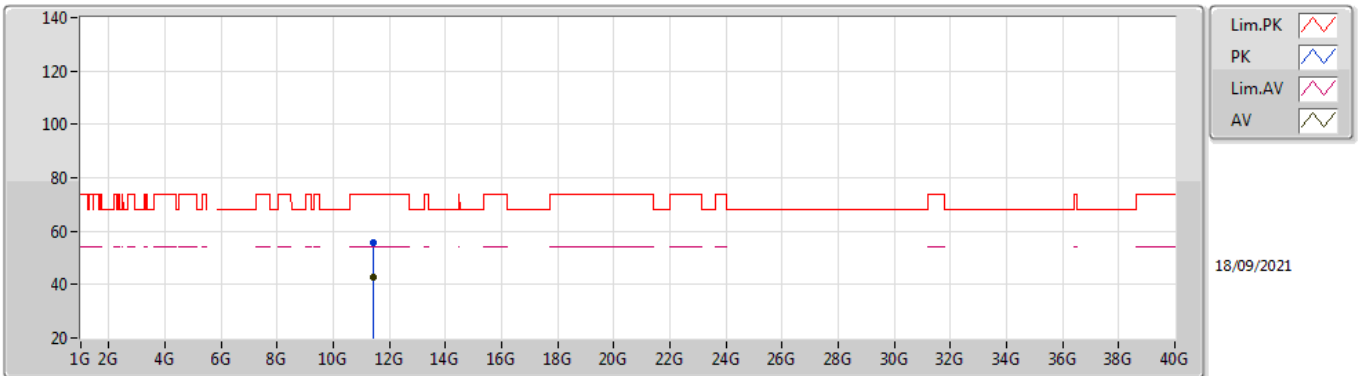


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44148G	55.81	74.00	-18.19	42.11	3	Vertical	227	2.91	-	39.72	8.28	34.30
AV	11.4399G	42.88	54.00	-11.12	29.18	3	Vertical	227	2.91	-	39.72	8.28	34.30

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom



EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.43648G	55.57	74.00	-18.43	41.87	3	Horizontal	243	2.70	-	39.73	8.27	34.30
AV	11.44486G	42.83	54.00	-11.17	29.14	3	Horizontal	243	2.70	-	39.71	8.28	34.30

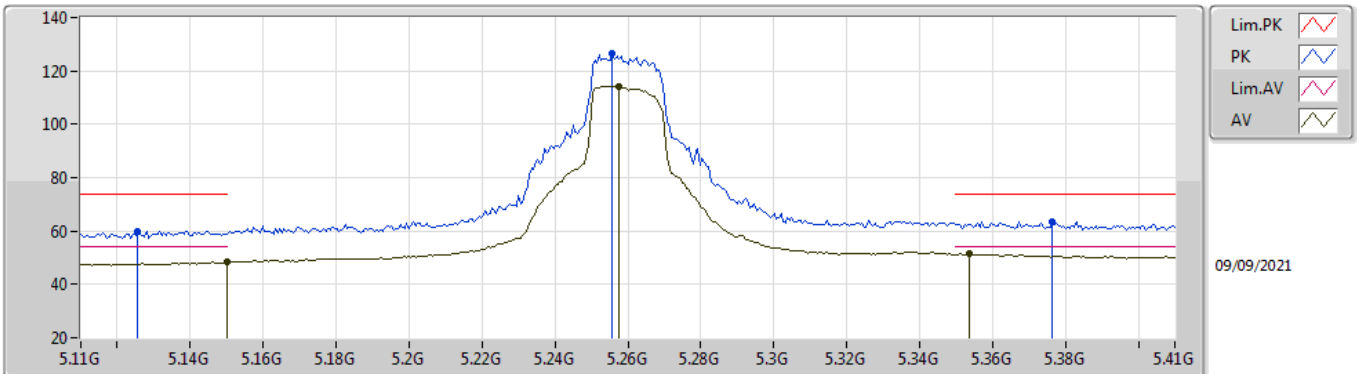


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1468G	53.94	54.00	-0.06	3	Vertical	70.6	1.80	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

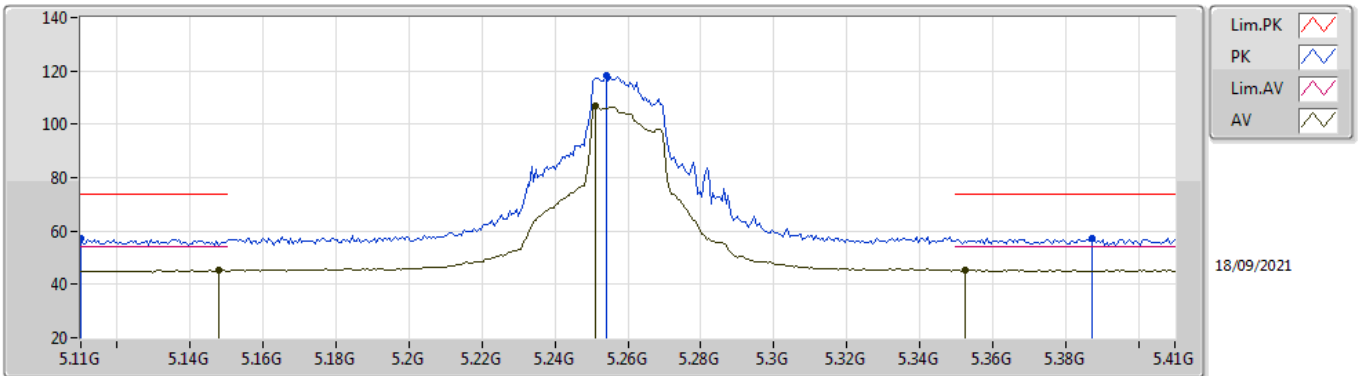


EUT Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.1256G	59.91	74.00	-14.09	55.03	3	Vertical	251	2.01	-	31.85	5.00	31.97
AV	5.15G	48.38	54.00	-5.62	43.66	3	Vertical	251	2.01	-	31.70	5.00	31.98
PK	5.2558G	126.30	Inf	-Inf	122.22	3	Vertical	251	2.01	-	31.10	5.00	32.02
AV	5.2576G	114.19	Inf	-Inf	110.11	3	Vertical	251	2.01	-	31.10	5.00	32.02
PK	5.3764G	63.45	74.00	-10.55	59.27	3	Vertical	251	2.01	-	31.26	5.00	32.08
AV	5.3536G	51.35	54.00	-2.65	47.30	3	Vertical	251	2.01	-	31.12	5.00	32.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

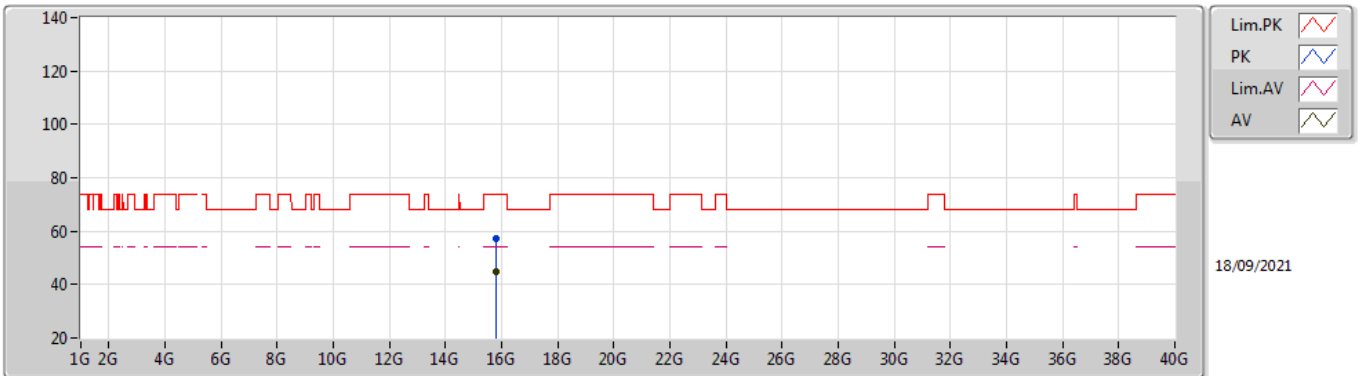


EUT_V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.11G	57.00	74.00	-17.00	52.02	3	Horizontal	245	1.80	-	31.94	5.00	31.96
AV	5.1478G	45.24	54.00	-8.76	40.51	3	Horizontal	245	1.80	-	31.71	5.00	31.98
PK	5.254G	118.09	Inf	-Inf	114.01	3	Horizontal	245	1.80	-	31.10	5.00	32.02
AV	5.251G	106.67	Inf	-Inf	102.59	3	Horizontal	245	1.80	-	31.10	5.00	32.02
PK	5.3872G	57.24	74.00	-16.76	53.00	3	Horizontal	245	1.80	-	31.32	5.00	32.08
AV	5.3524G	45.42	54.00	-8.58	41.38	3	Horizontal	245	1.80	-	31.11	5.00	32.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

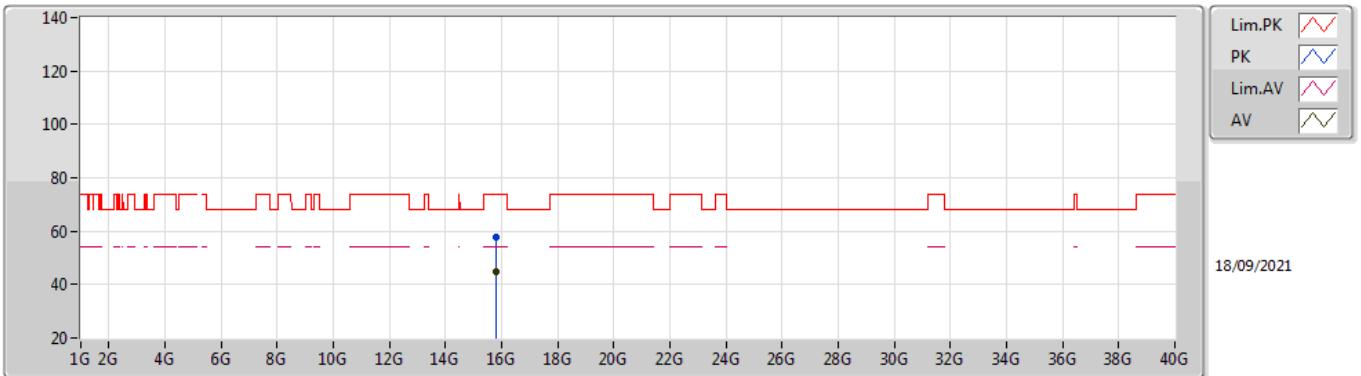


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	15.78248G	57.31	74.00	-16.69	43.35	3	Vertical	232	2.75	-	37.80	10.49	34.33
AV	15.7832G	44.59	54.00	-9.41	30.63	3	Vertical	232	2.75	-	37.80	10.49	34.33

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

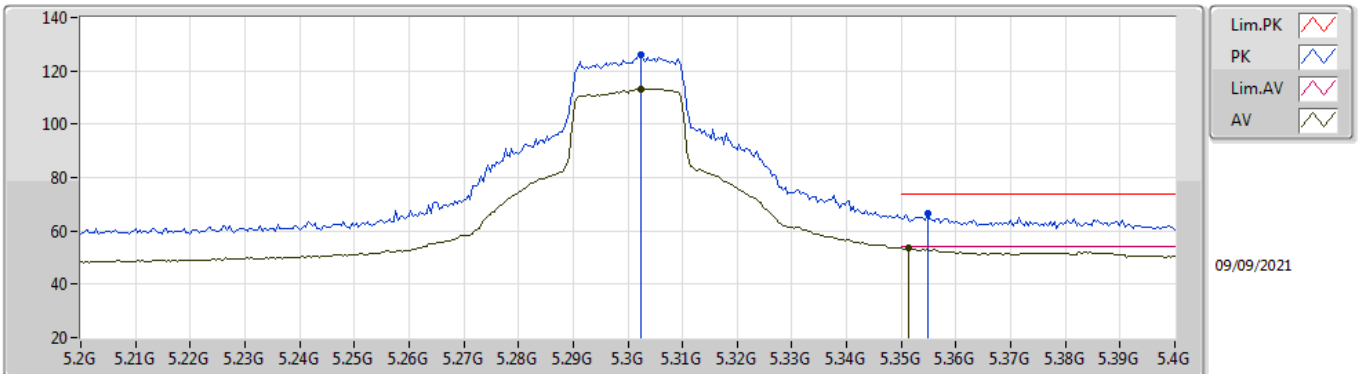


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	15.77922G	57.89	74.00	-16.11	43.93	3	Horizontal	247	2.10	-	37.80	10.49	34.33	
AV	15.77978G	44.65	54.00	-9.35	30.69	3	Horizontal	247	2.10	-	37.80	10.49	34.33	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

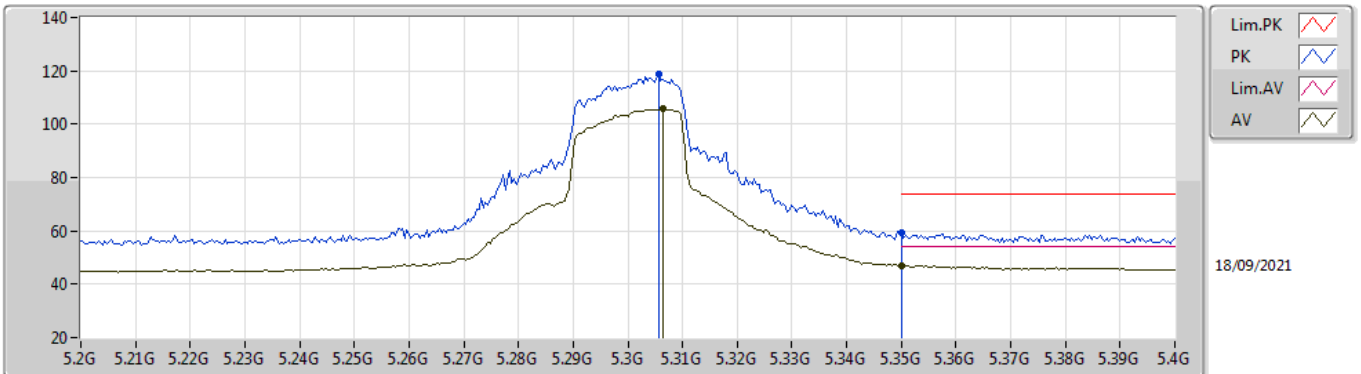


EUT Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.3024G	125.97	Inf	-Inf	121.91	3	Vertical	247	2.06	-	31.10	5.00	32.04	
AV	5.3024G	113.28	Inf	-Inf	109.22	3	Vertical	247	2.06	-	31.10	5.00	32.04	
PK	5.3548G	66.51	74.00	-7.49	62.45	3	Vertical	247	2.06	-	31.13	5.00	32.07	
AV	5.3512G	53.55	54.00	-0.45	49.50	3	Vertical	247	2.06	-	31.11	5.00	32.06	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

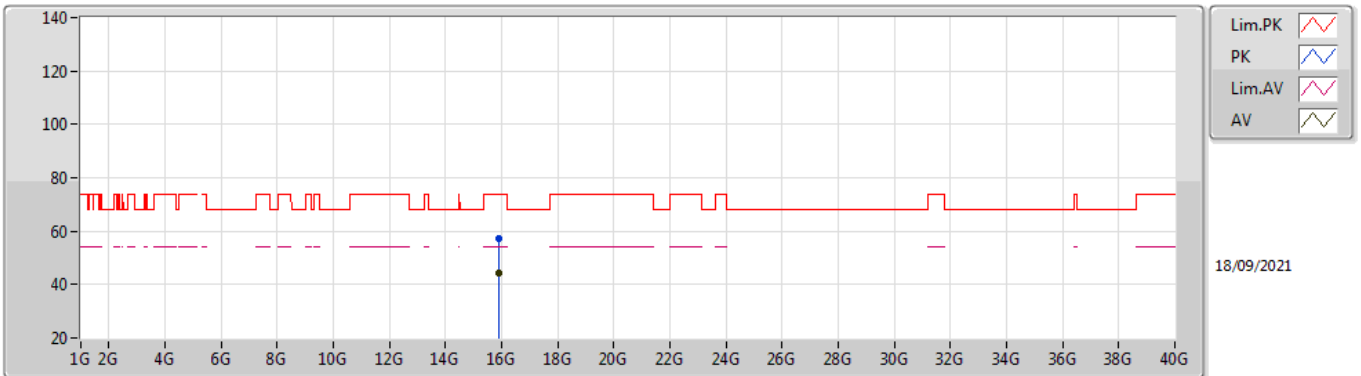


EUT Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.3056G	118.72	Inf	-Inf	114.66	3	Horizontal	120	1.96	-	31.10	5.00	32.04	
AV	5.3064G	105.69	Inf	-Inf	101.63	3	Horizontal	120	1.96	-	31.10	5.00	32.04	
PK	5.35G	59.45	74.00	-14.55	55.41	3	Horizontal	120	1.96	-	31.10	5.00	32.06	
AV	5.35G	47.10	54.00	-6.90	43.06	3	Horizontal	120	1.96	-	31.10	5.00	32.06	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

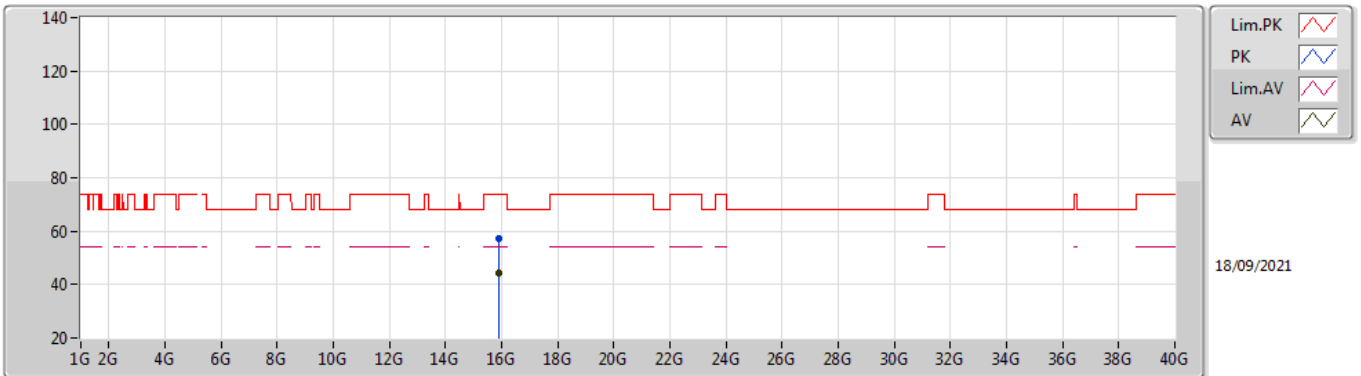


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	15.90184G	57.08	74.00	-16.92	43.31	3	Vertical	36	2.00	-	37.60	10.55	34.38
AV	15.89534G	44.12	54.00	-9.88	30.34	3	Vertical	36	2.00	-	37.61	10.55	34.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

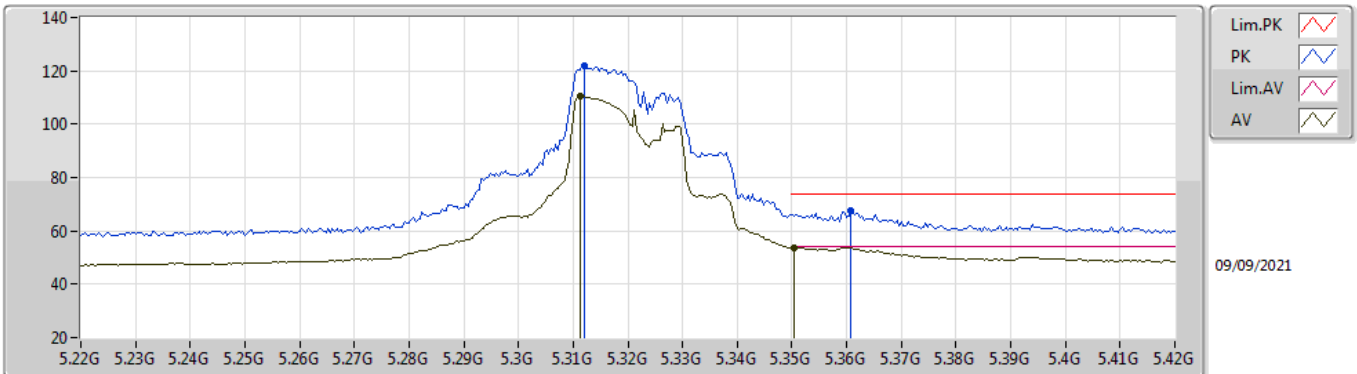


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	15.90326G	57.43	74.00	-16.57	43.67	3	Horizontal	141	1.83	-	37.59	10.55	34.38
AV	15.90244G	44.19	54.00	-9.81	30.42	3	Horizontal	141	1.83	-	37.60	10.55	34.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

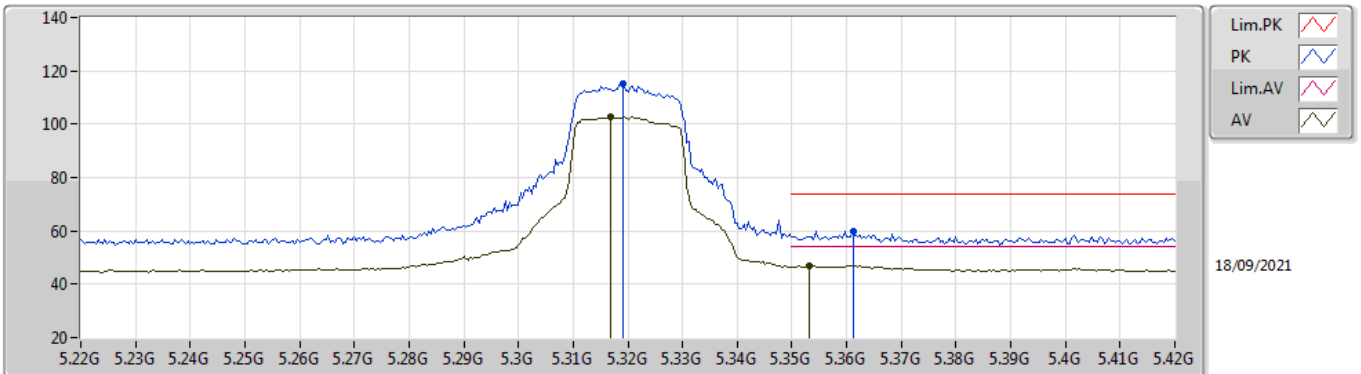


EUT Y_4TX
Setting 91
06-E-S-5-10
PCB35
ANT WU0514

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	5.312G	121.86	Inf	-Inf	117.81	3	Vertical	246	2.16	-	31.10	5.00	32.05	
AV	5.312G	110.49	Inf	-Inf	106.44	3	Vertical	246	2.16	-	31.10	5.00	32.05	
PK	5.3608G	67.75	74.00	-6.25	63.66	3	Vertical	246	2.16	-	31.16	5.00	32.07	
AV	5.3504G	53.79	54.00	-0.21	49.75	3	Vertical	246	2.16	-	31.10	5.00	32.06	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

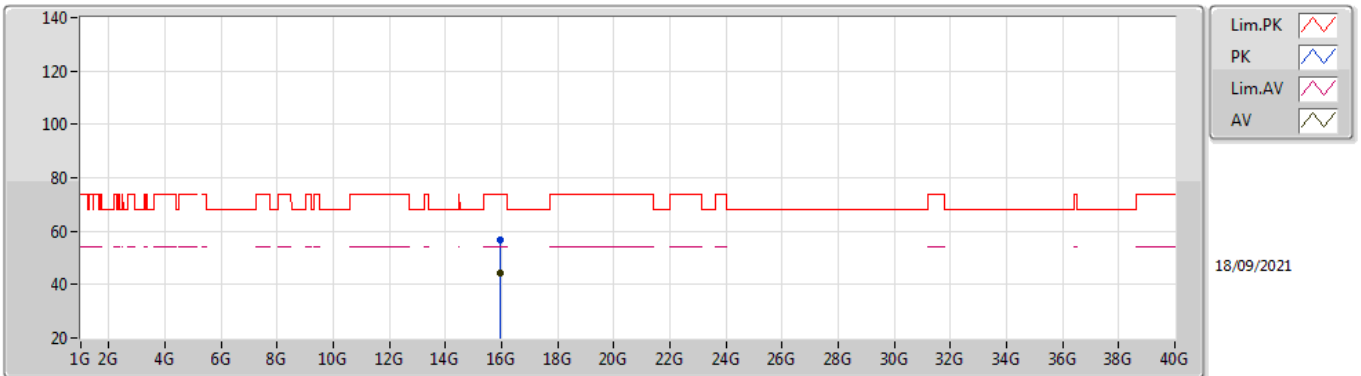


EUT Y_4TX
Setting 91
06-E-S-5-10
PCB35
ANT WU0514

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	5.3192G	115.26	Inf	-Inf	111.21	3	Horizontal	232	1.94	-	31.10	5.00	32.05	
AV	5.3168G	102.66	Inf	-Inf	98.61	3	Horizontal	232	1.94	-	31.10	5.00	32.05	
PK	5.3612G	60.05	74.00	-13.95	55.95	3	Horizontal	232	1.94	-	31.17	5.00	32.07	
AV	5.3532G	46.96	54.00	-7.04	42.91	3	Horizontal	232	1.94	-	31.12	5.00	32.07	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

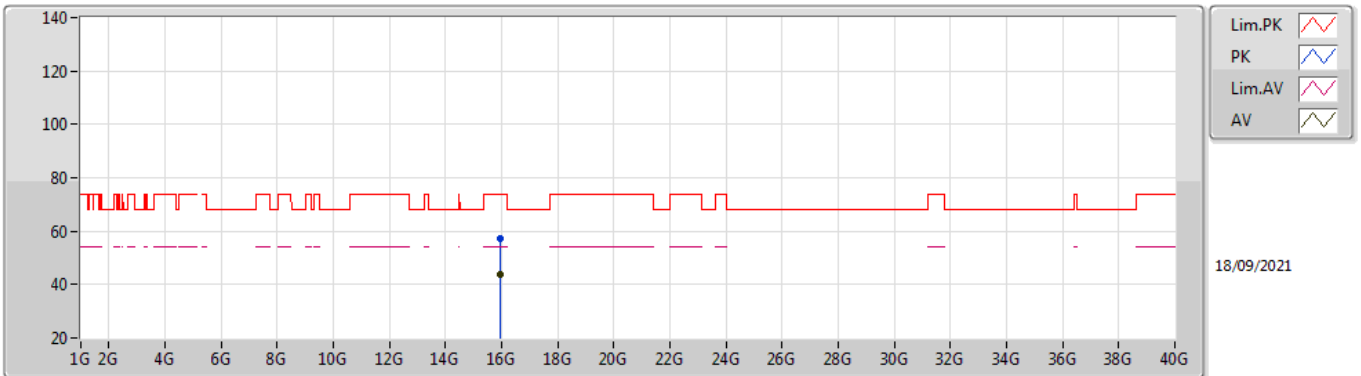


EUT_Y_4TX
Setting 91
06-E-B-4
PCB35
ANT WU0514

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	15.95768G	56.93	74.00	-17.07	43.27	3	Vertical	308	2.42	-	37.48	10.58	34.40
AV	15.95974G	44.08	54.00	-9.92	30.42	3	Vertical	308	2.42	-	37.48	10.58	34.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

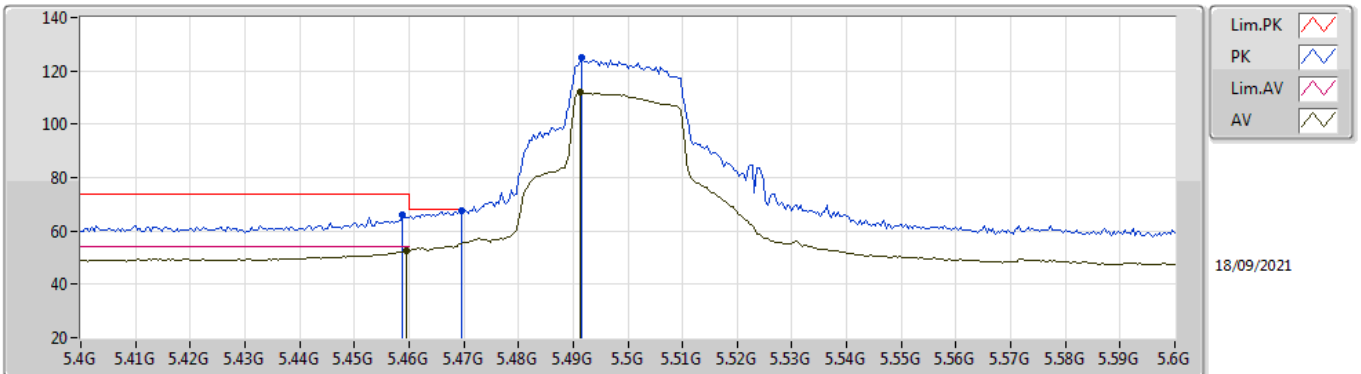


EUT_Y_4TX
Setting 91
06-E-B-4
PCB35
ANT WU0514

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	15.96366G	57.02	74.00	-16.98	43.38	3	Horizontal	2	1.54	-	37.47	10.58	34.41
AV	15.96076G	43.97	54.00	-10.03	30.31	3	Horizontal	2	1.54	-	37.48	10.58	34.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

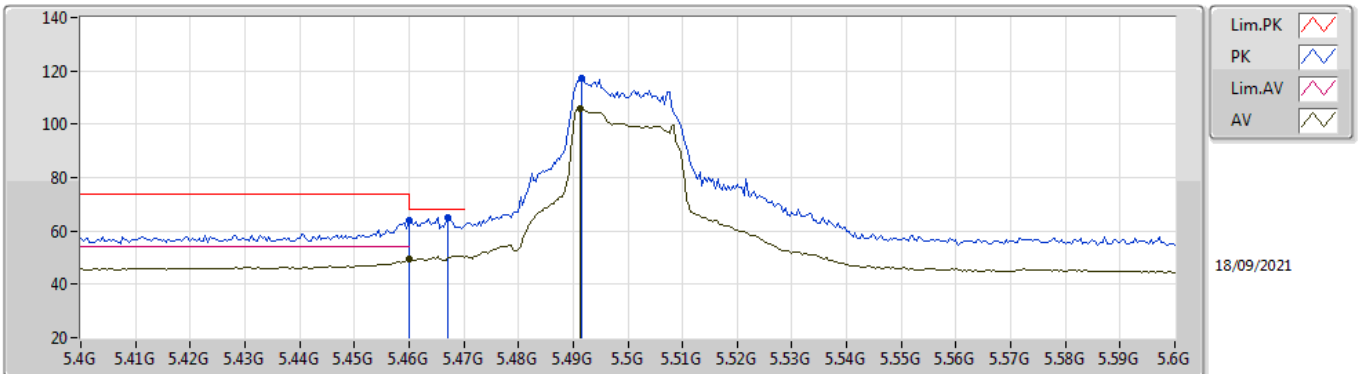


EUT Y_4TX
Setting 98
06-E-S-5-10
PCB35
ANT WU0514

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	65.87	74.00	-8.13	61.42	3	Vertical	0	1.93	-	31.50	5.06	32.11	
AV	5.4596G	52.69	54.00	-1.31	48.24	3	Vertical	0	1.93	-	31.50	5.06	32.11	
PK	5.4696G	67.79	68.20	-0.41	63.34	3	Vertical	0	1.93	-	31.50	5.07	32.12	
PK	5.4916G	124.75	Inf	-Inf	120.29	3	Vertical	0	1.93	-	31.50	5.09	32.13	
AV	5.4912G	111.94	Inf	-Inf	107.48	3	Vertical	0	1.93	-	31.50	5.09	32.13	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

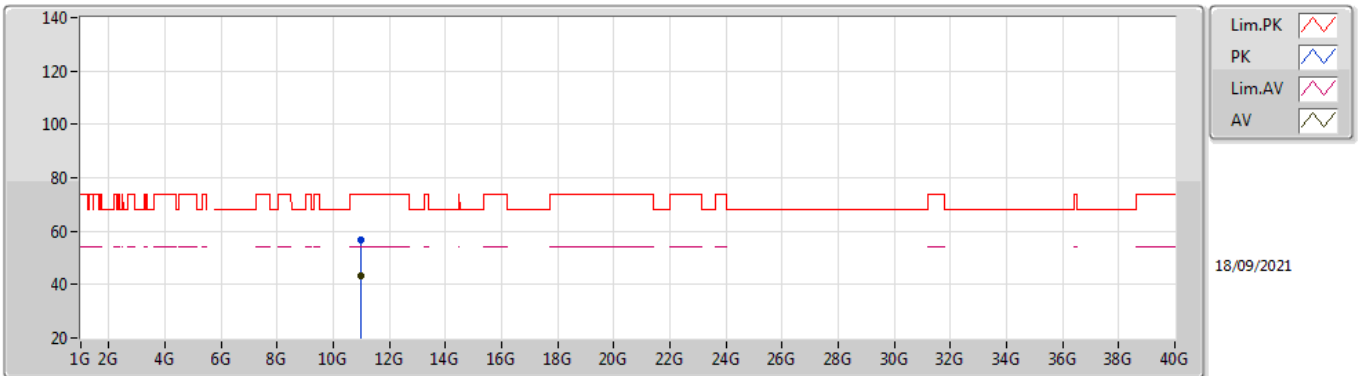


EUT Y_4TX
Setting 98
06-E-S-5-10
PCB35
ANT WU0514

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	5.46G	63.73	74.00	-10.27	59.28	3	Horizontal	237	2.22	-	31.50	5.06	32.11
AV	5.46G	49.27	54.00	-4.73	44.82	3	Horizontal	237	2.22	-	31.50	5.06	32.11
PK	5.4672G	65.17	68.20	-3.03	60.72	3	Horizontal	237	2.22	-	31.50	5.07	32.12
PK	5.4916G	117.43	Inf	-Inf	112.97	3	Horizontal	237	2.22	-	31.50	5.09	32.13
AV	5.4912G	105.96	Inf	-Inf	101.50	3	Horizontal	237	2.22	-	31.50	5.09	32.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

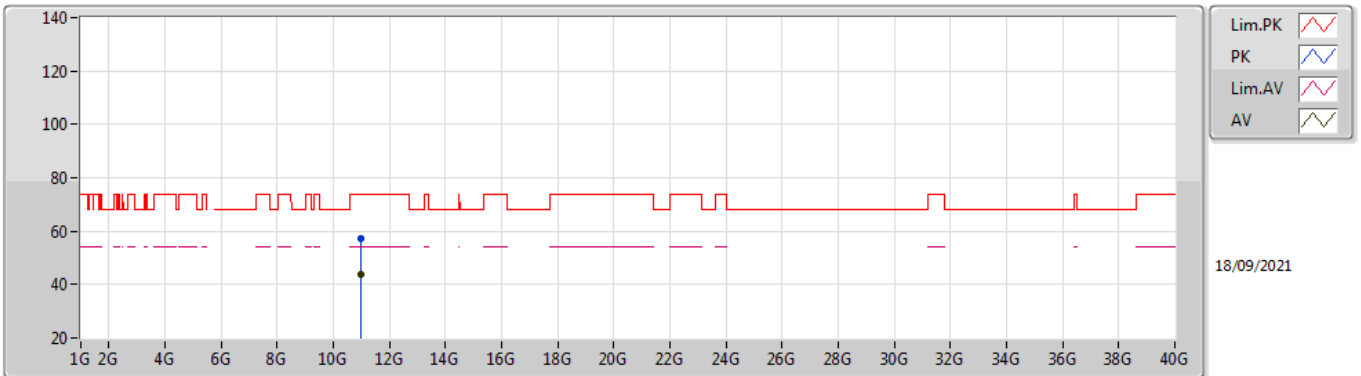


EUT Y_4TX
Setting 98
06-E-S-5
PCB35
ANT WU0514

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	11.00096G	56.71	74.00	-17.29	42.64	3	Vertical	298	1.29	-	40.20	8.10	34.23
AV	10.99636G	43.45	54.00	-10.55	29.38	3	Vertical	298	1.29	-	40.20	8.10	34.23

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

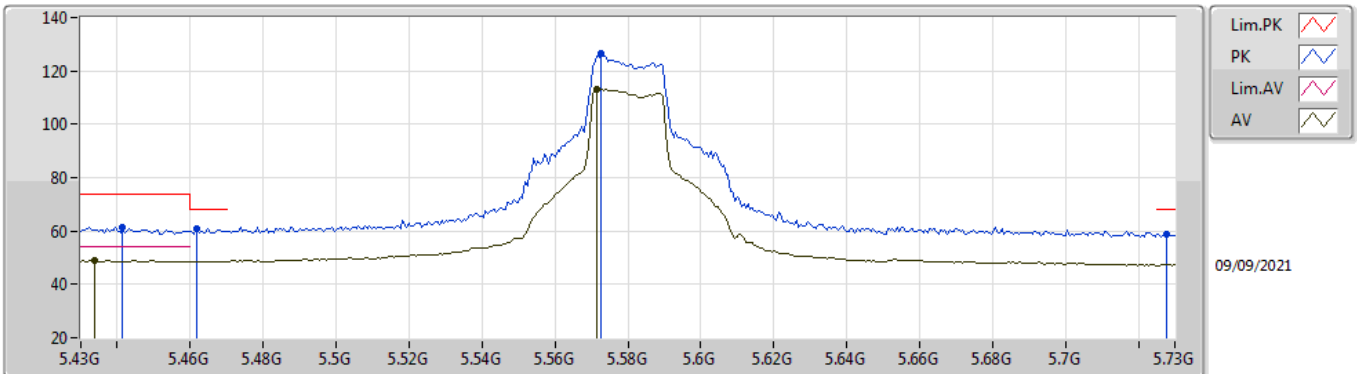


EUT_Y_4TX
Setting 98
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99512G	57.31	74.00	-16.69	43.24	3	Horizontal	177	2.30	-	40.20	8.10	34.23
AV	10.99706G	43.62	54.00	-10.38	29.55	3	Horizontal	177	2.30	-	40.20	8.10	34.23

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

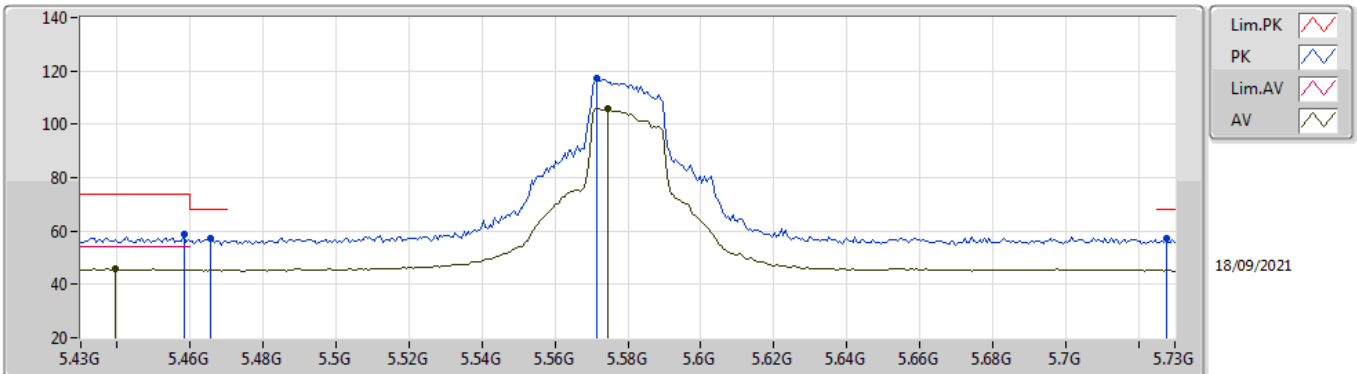


EUT V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.4414G	61.51	74.00	-12.49	57.09	3	Vertical	250	1.70	-	31.48	5.04	32.10
AV	5.4336G	48.92	54.00	-5.08	44.52	3	Vertical	250	1.70	-	31.47	5.03	32.10
PK	5.4618G	60.77	68.20	-7.43	56.32	3	Vertical	250	1.70	-	31.50	5.06	32.11
PK	5.5728G	126.50	Inf	-Inf	121.95	3	Vertical	250	1.70	-	31.55	5.17	32.17
AV	5.5716G	113.11	Inf	-Inf	108.57	3	Vertical	250	1.70	-	31.54	5.17	32.17
PK	5.7276G	58.88	68.20	-9.32	53.98	3	Vertical	250	1.70	-	31.91	5.26	32.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

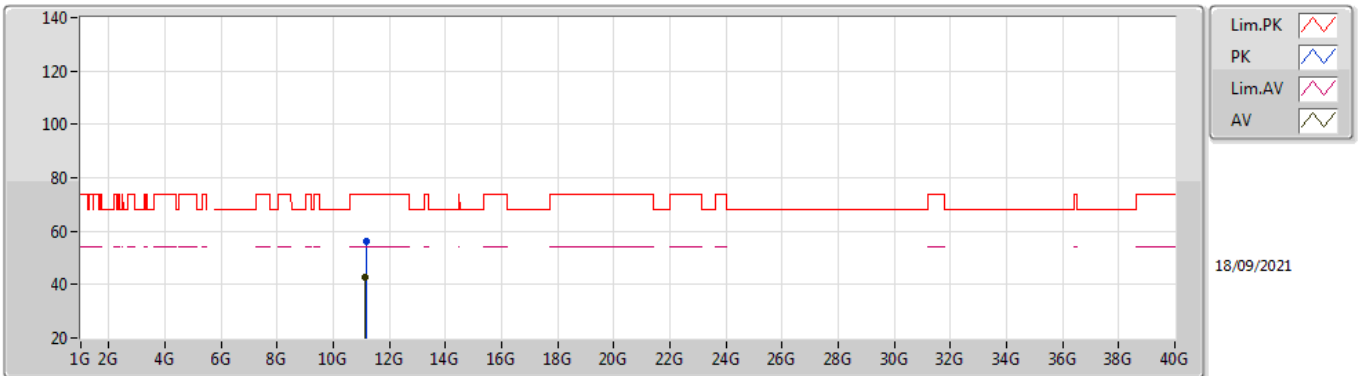


EUT V_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.4582G	58.63	74.00	-15.37	54.18	3	Horizontal	85	2.35	-	31.50	5.06	32.11
AV	5.4396G	45.70	54.00	-8.30	41.28	3	Horizontal	85	2.35	-	31.48	5.04	32.10
PK	5.4654G	57.14	68.20	-11.06	52.68	3	Horizontal	85	2.35	-	31.50	5.07	32.11
PK	5.5716G	117.30	Inf	-Inf	112.76	3	Horizontal	85	2.35	-	31.54	5.17	32.17
AV	5.5746G	105.87	Inf	-Inf	101.32	3	Horizontal	85	2.35	-	31.55	5.17	32.17
PK	5.7276G	57.49	68.20	-10.71	52.59	3	Horizontal	85	2.35	-	31.91	5.26	32.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

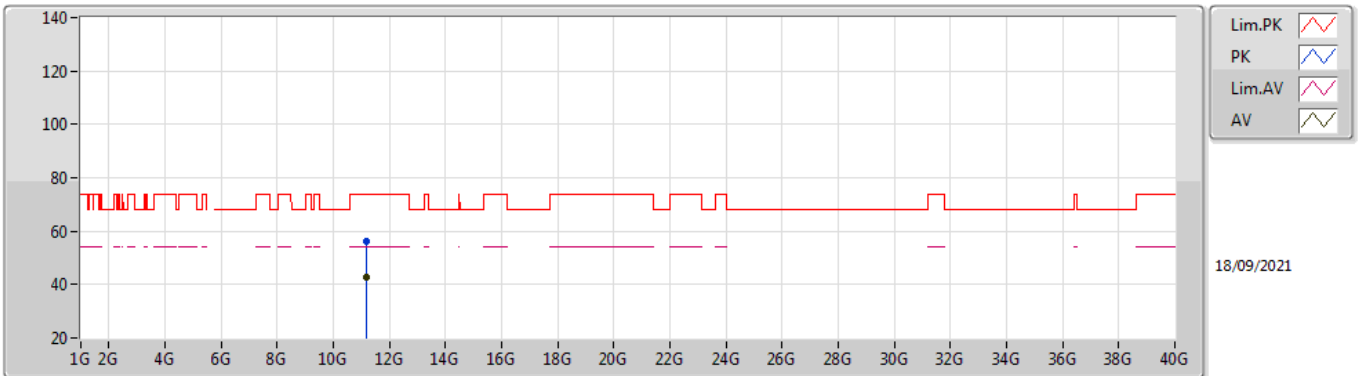


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.16276G	56.39	74.00	-17.61	42.81	3	Vertical	124	1.80	-	39.67	8.17	34.26
AV	11.1551G	42.64	54.00	-11.36	29.04	3	Vertical	124	1.80	-	39.69	8.16	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

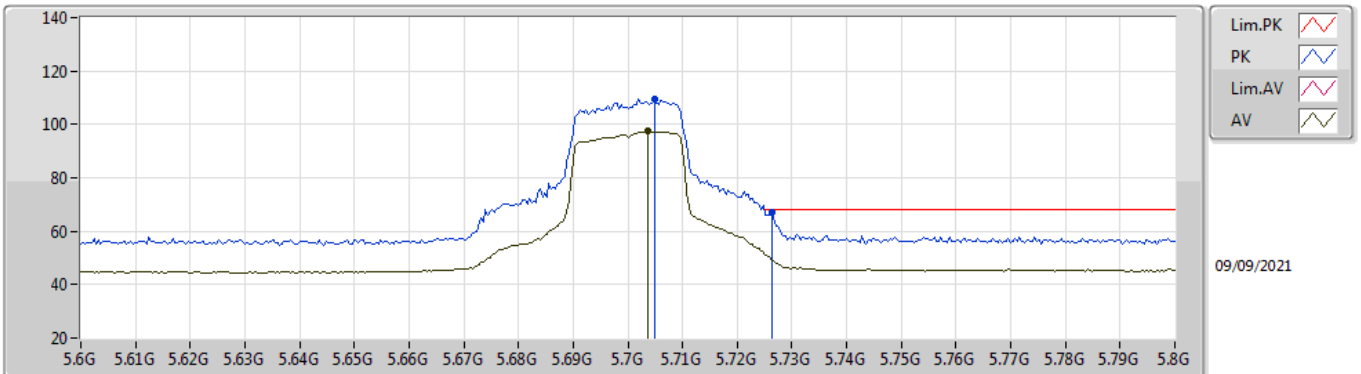


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.15748G	55.97	74.00	-18.03	42.38	3	Horizontal	144	2.76	-	39.69	8.16	34.26
AV	11.15588G	42.64	54.00	-11.36	29.04	3	Horizontal	144	2.76	-	39.69	8.16	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

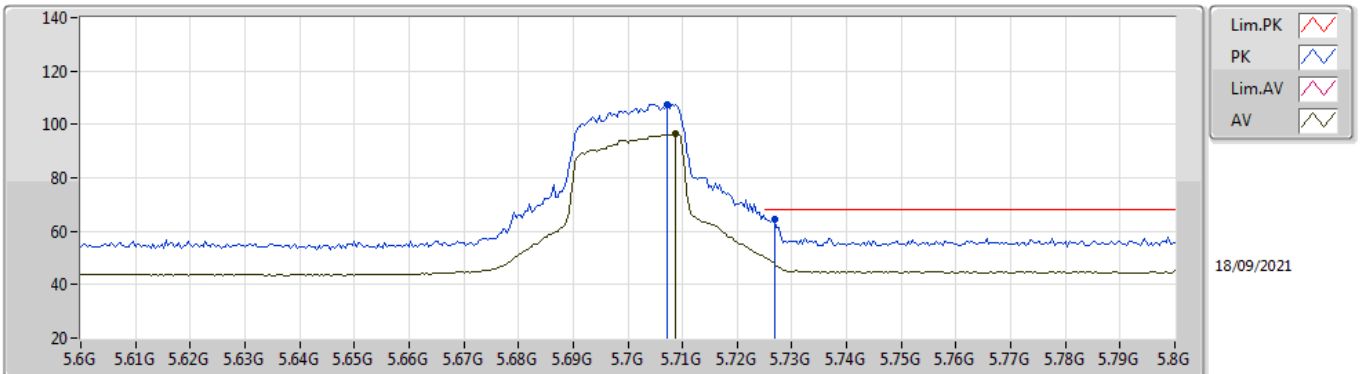


EUT Y_4TX
Setting 43
06-E-S-5-10
PCB35
ANT WU0514

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	5.7048G	109.49	Inf	-Inf	104.67	3	Vertical	248	1.68	-	31.82	5.25	32.25
AV	5.7036G	97.48	Inf	-Inf	92.67	3	Vertical	248	1.68	-	31.81	5.25	32.25
PK	5.7264G	67.22	68.20	-0.98	62.32	3	Vertical	248	1.68	-	31.91	5.26	32.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

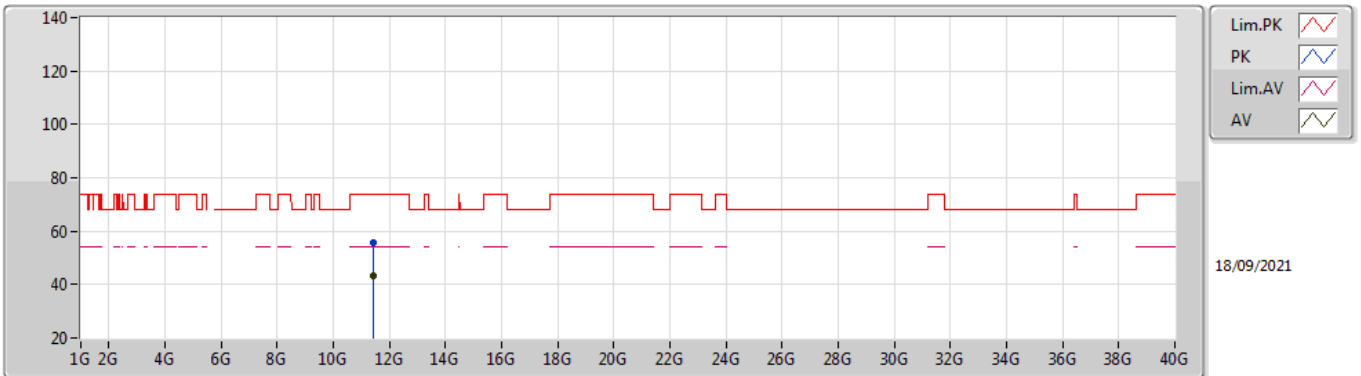


EUT Y_4TX
Setting 43
06-E-S-5-10
PCB35
ANT WU0514

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	5.7072G	107.66	Inf	-Inf	102.83	3	Horizontal	308	1.46	-	31.83	5.25	32.25
AV	5.7088G	96.68	Inf	-Inf	91.85	3	Horizontal	308	1.46	-	31.84	5.25	32.26
PK	5.7268G	64.53	68.20	-3.67	59.63	3	Horizontal	308	1.46	-	31.91	5.26	32.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

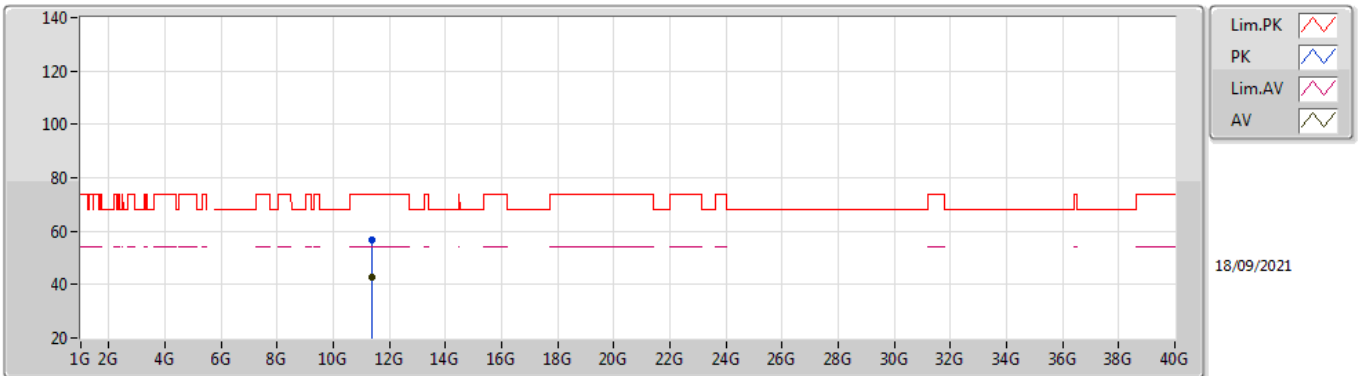


EUT Y_4TX
Setting 43
06-E-S-5
PCB35
ANT WU0514

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	11.40202G	55.84	74.00	-18.16	42.07	3	Vertical	119	1.32	-	39.80	8.26	34.29
AV	11.4031G	43.19	54.00	-10.81	29.43	3	Vertical	119	1.32	-	39.79	8.26	34.29

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

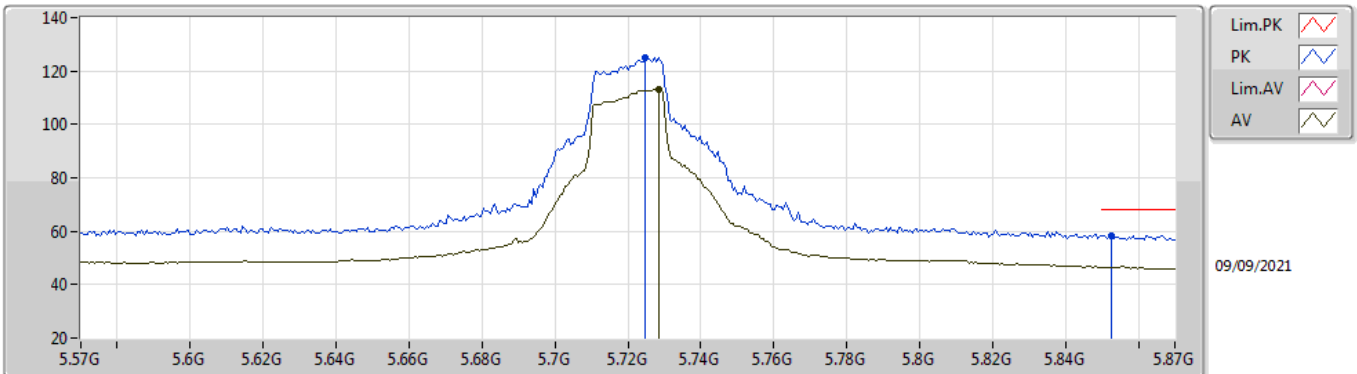


EUT_Y_4TX
Setting 43
06-E-S-5
PCB35
ANT WU0514

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	11.40112G	56.47	74.00	-17.53	42.70	3	Horizontal	344	2.08	-	39.80	8.26	34.29
AV	11.40158G	42.93	54.00	-11.07	29.16	3	Horizontal	344	2.08	-	39.80	8.26	34.29

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

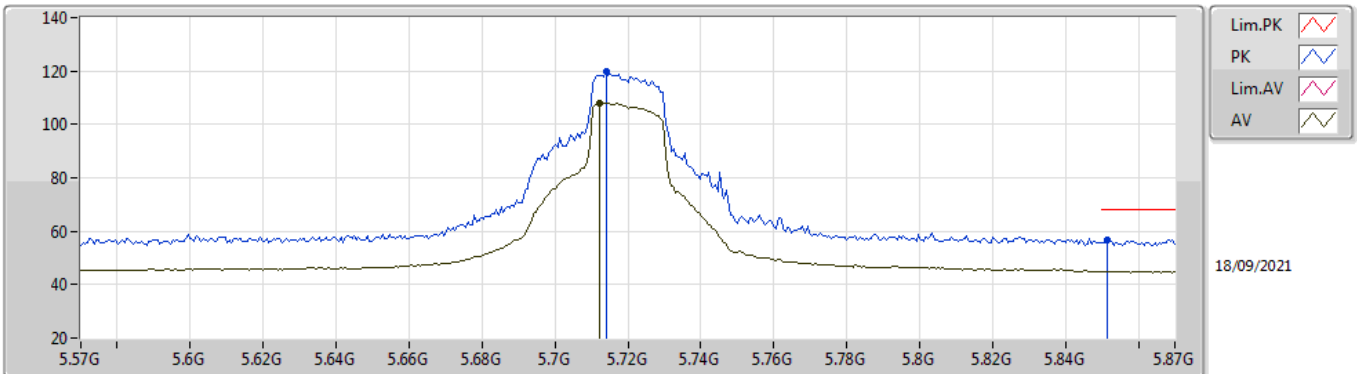


EUT Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.7248G	125.22	Inf	-Inf	120.32	3	Vertical	288	2.58	-	31.90	5.26	32.26
AV	5.7284G	113.23	Inf	-Inf	108.33	3	Vertical	288	2.58	-	31.91	5.26	32.27
PK	5.8526G	58.35	68.20	-9.85	53.33	3	Vertical	288	2.58	-	32.01	5.35	32.34

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

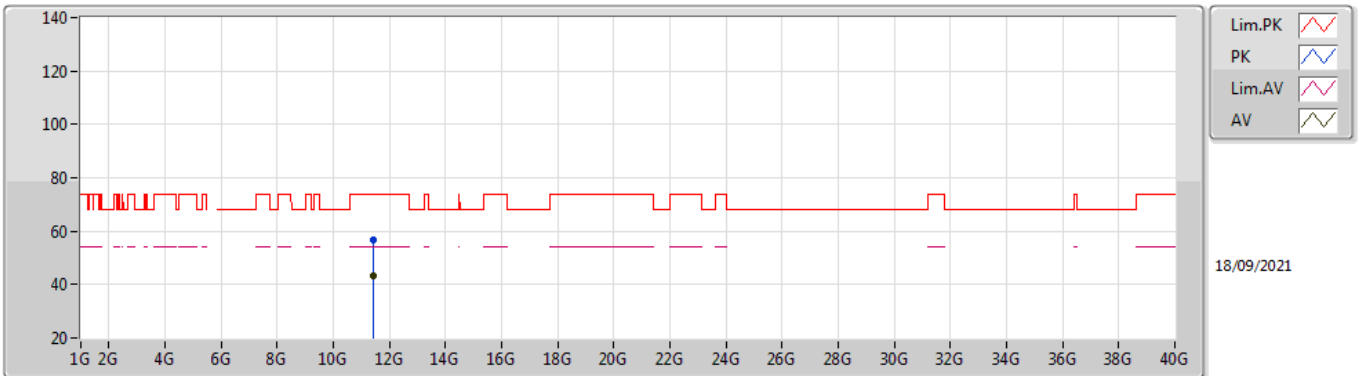


EUT Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.714G	119.71	Inf	-Inf	114.85	3	Horizontal	311	1.58	-	31.86	5.26	32.26
AV	5.7122G	107.97	Inf	-Inf	103.12	3	Horizontal	311	1.58	-	31.85	5.26	32.26
PK	5.8514G	56.69	68.20	-11.51	51.68	3	Horizontal	311	1.58	-	32.00	5.35	32.34

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

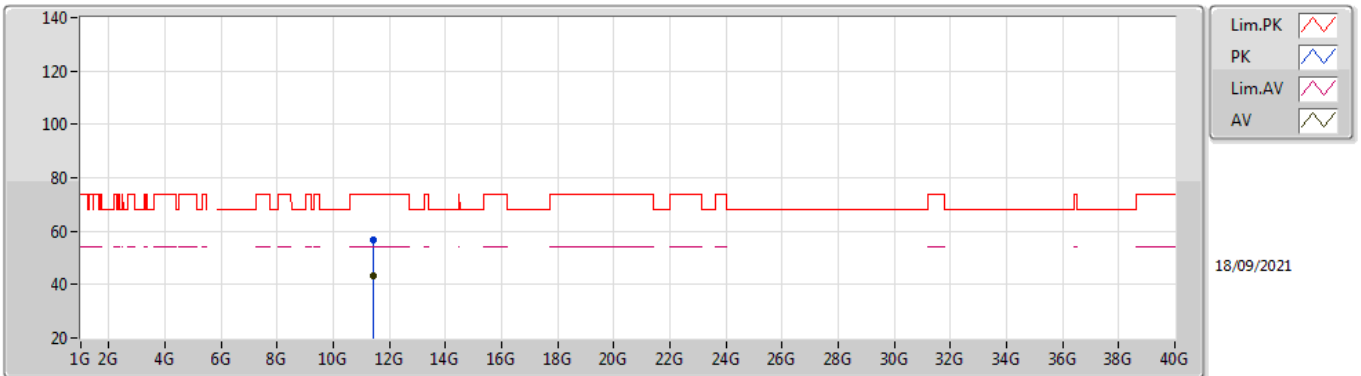


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.44186G	56.64	74.00	-17.36	42.94	3	Vertical	112	1.95	-	39.72	8.28	34.30
AV	11.43598G	43.10	54.00	-10.90	29.40	3	Vertical	112	1.95	-	39.73	8.27	34.30

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

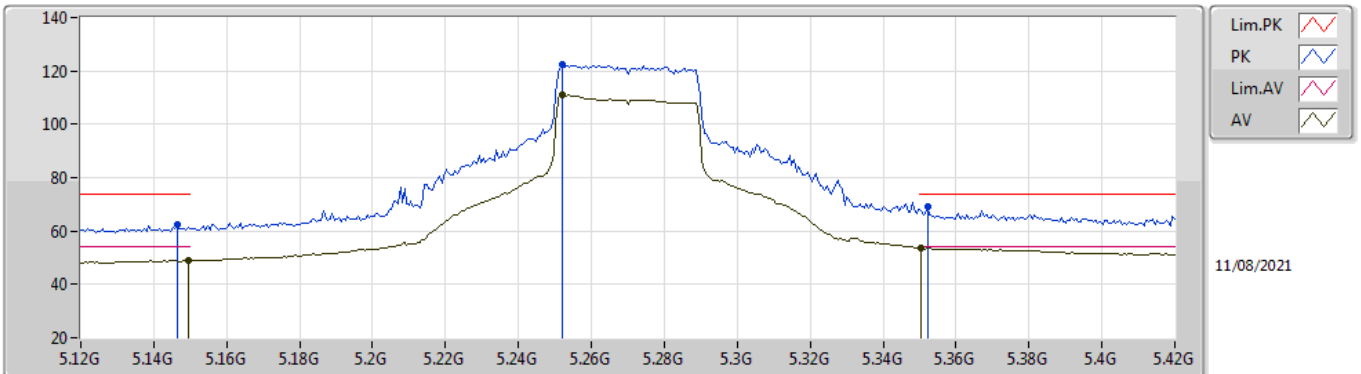


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.43894G	56.80	74.00	-17.20	43.10	3	Horizontal	57	1.16	-	39.72	8.28	34.30
AV	11.44298G	43.17	54.00	-10.83	29.48	3	Horizontal	57	1.16	-	39.71	8.28	34.30

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

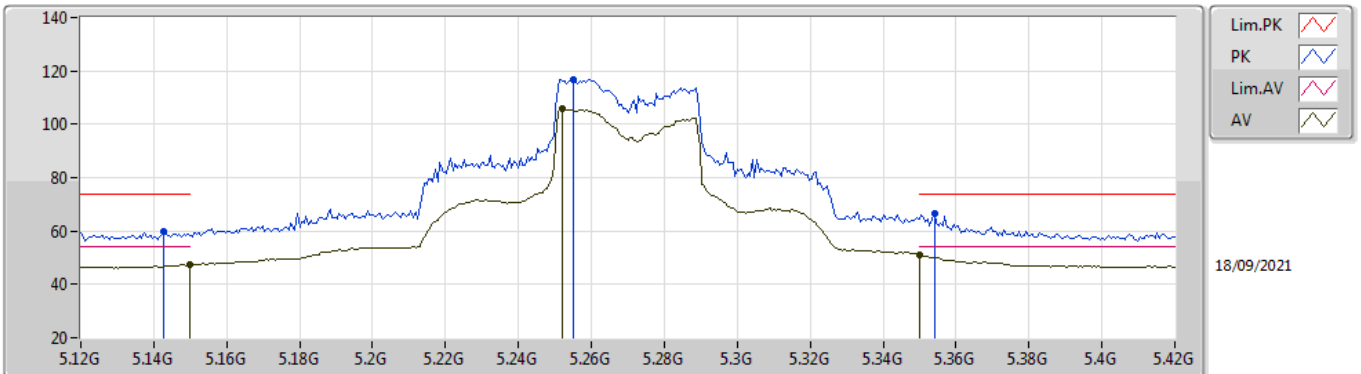


EUT Y_4TX
Setting 99
06-E-S-5-10
PCB35
ANT WU0514

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	62.26	74.00	-11.74	57.42	3	Vertical	251	2.09	-	31.81	5.00	31.97
AV	5.1494G	48.81	54.00	-5.19	43.99	3	Vertical	251	2.09	-	31.80	5.00	31.98
PK	5.252G	122.58	Inf	-Inf	118.20	3	Vertical	251	2.09	-	31.40	5.00	32.02
AV	5.252G	111.08	Inf	-Inf	106.70	3	Vertical	251	2.09	-	31.40	5.00	32.02
PK	5.3522G	68.89	74.00	-5.11	64.63	3	Vertical	251	2.09	-	31.32	5.00	32.06
AV	5.3504G	53.64	54.00	-0.36	49.40	3	Vertical	251	2.09	-	31.30	5.00	32.06

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

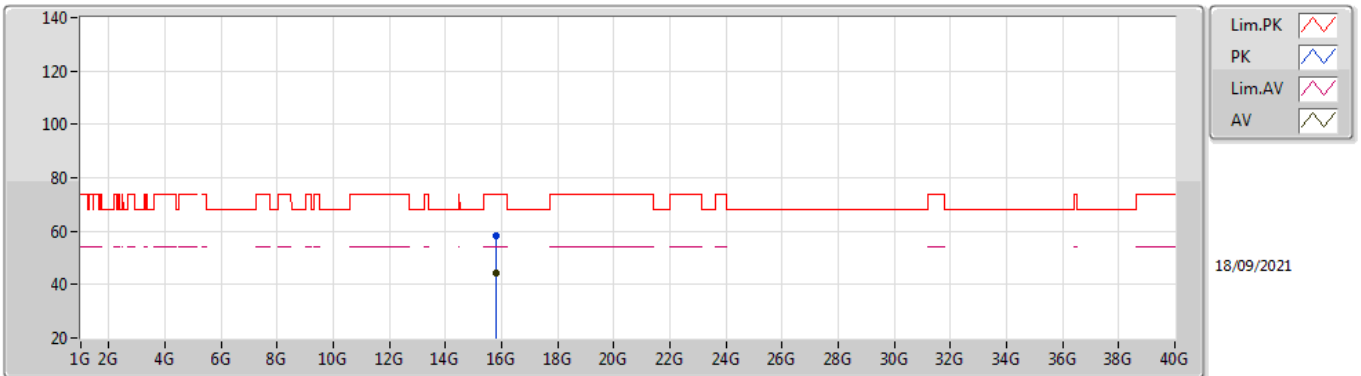


EUT Y_4TX
Setting 99
06-E-S-5-10
PCB35
ANT WU0514

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	59.59	74.00	-14.41	54.73	3	Horizontal	282	1.29	-	31.83	5.00	31.97
AV	5.15G	47.24	54.00	-6.76	42.42	3	Horizontal	282	1.29	-	31.80	5.00	31.98
PK	5.255G	116.84	Inf	-Inf	112.47	3	Horizontal	282	1.29	-	31.39	5.00	32.02
AV	5.252G	105.86	Inf	-Inf	101.48	3	Horizontal	282	1.29	-	31.40	5.00	32.02
PK	5.354G	66.48	74.00	-7.52	62.22	3	Horizontal	282	1.29	-	31.33	5.00	32.07
AV	5.35G	50.94	54.00	-3.06	46.70	3	Horizontal	282	1.29	-	31.30	5.00	32.06

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

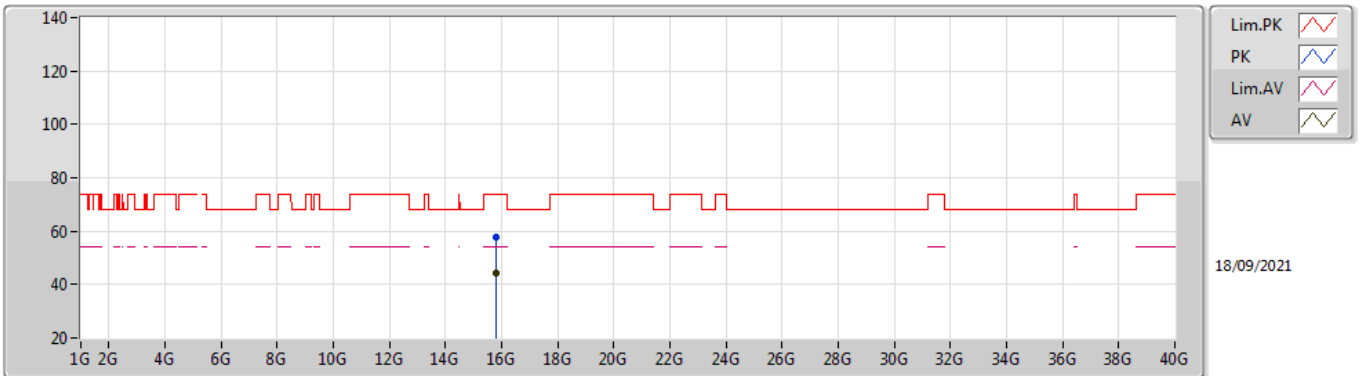


EUT Y_4TX
Setting 99
06-E-S-5
PCB35
ANT WU0514

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	15.81416G	58.13	74.00	-15.87	44.20	3	Vertical	135	1.77	-	37.77	10.51	34.35
AV	15.80858G	44.13	54.00	-9.87	30.19	3	Vertical	135	1.77	-	37.78	10.50	34.34

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

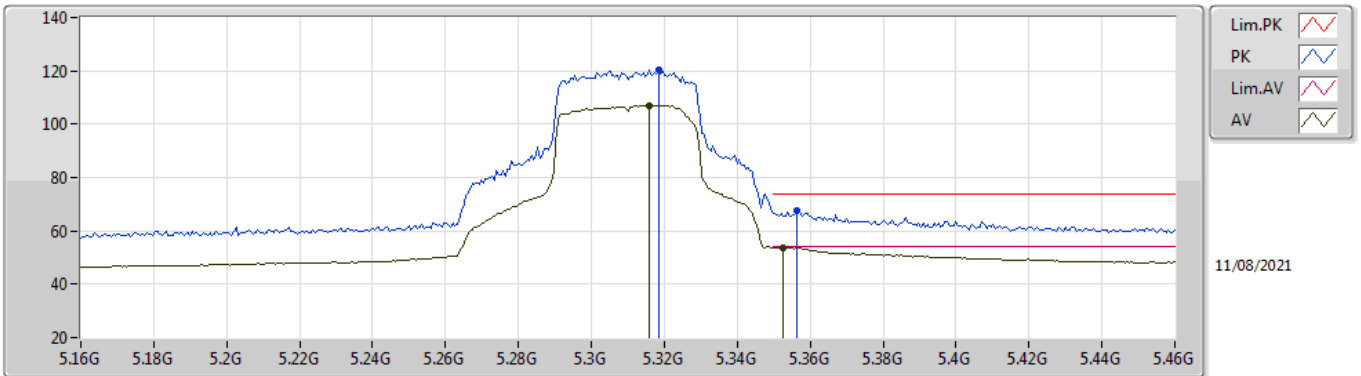


EUT Y_4TX
Setting 99
06-E-S-5
PCB35
ANT WU0514

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	15.8081G	57.51	74.00	-16.49	43.57	3	Horizontal	321	1.91	-	37.78	10.50	34.34
AV	15.80936G	44.06	54.00	-9.94	30.12	3	Horizontal	321	1.91	-	37.78	10.50	34.34

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

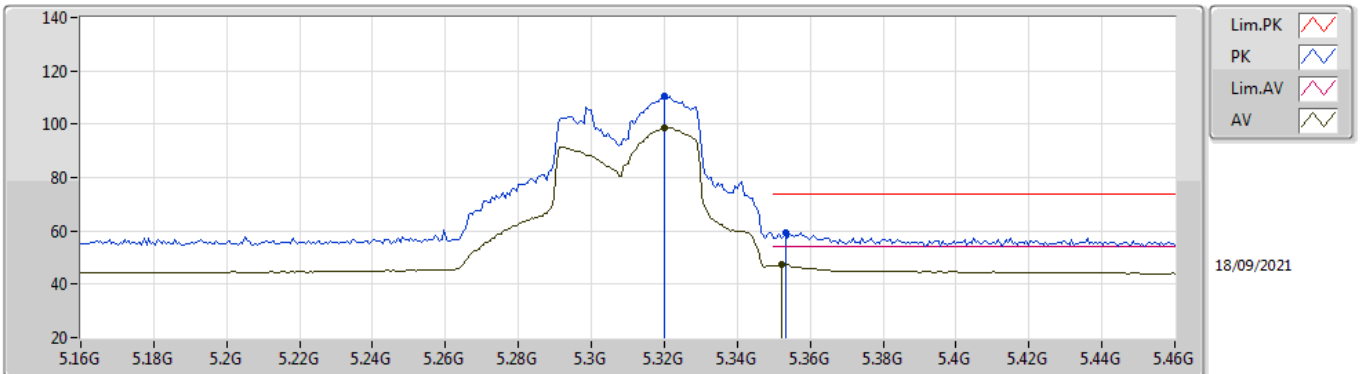


EUT Y_4TX
Setting 85
06-E-S-5-10
PCB35
ANT WU0514

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	120.31	Inf	-Inf	116.06	3	Vertical	248	1.97	-	31.30	5.00	32.05
AV	5.316G	107.12	Inf	-Inf	102.87	3	Vertical	248	1.97	-	31.30	5.00	32.05
PK	5.3562G	67.84	74.00	-6.16	63.56	3	Vertical	248	1.97	-	31.35	5.00	32.07
AV	5.3526G	53.85	54.00	-0.15	49.60	3	Vertical	248	1.97	-	31.32	5.00	32.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

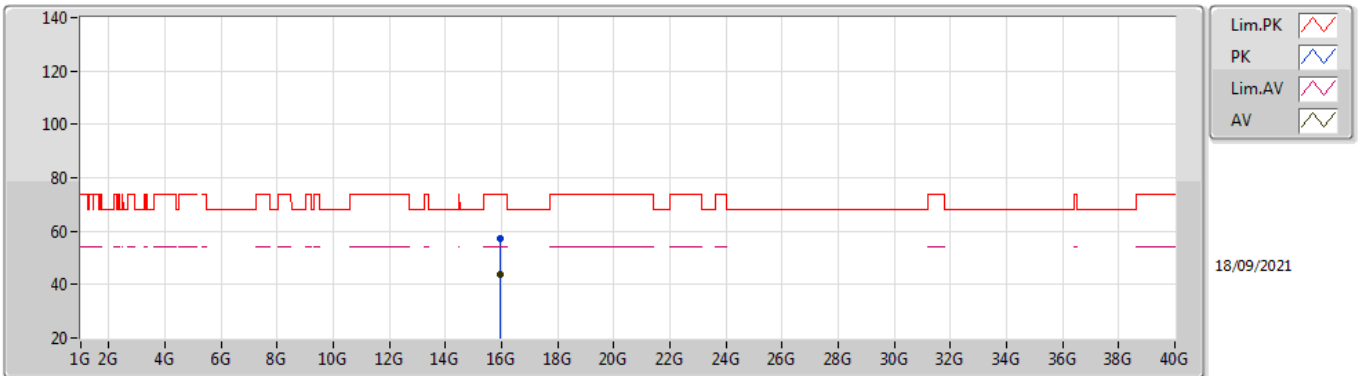


EUT Y_4TX
Setting 85
06-E-S-5-10
PCB35
ANT WU0514

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	5.3202G	110.46	Inf	-Inf	106.21	3	Horizontal	226	1.80	-	31.30	5.00	32.05
AV	5.3202G	98.65	Inf	-Inf	94.40	3	Horizontal	226	1.80	-	31.30	5.00	32.05
PK	5.3532G	59.24	74.00	-14.76	54.98	3	Horizontal	226	1.80	-	31.33	5.00	32.07
AV	5.352G	47.27	54.00	-6.73	43.01	3	Horizontal	226	1.80	-	31.32	5.00	32.06

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

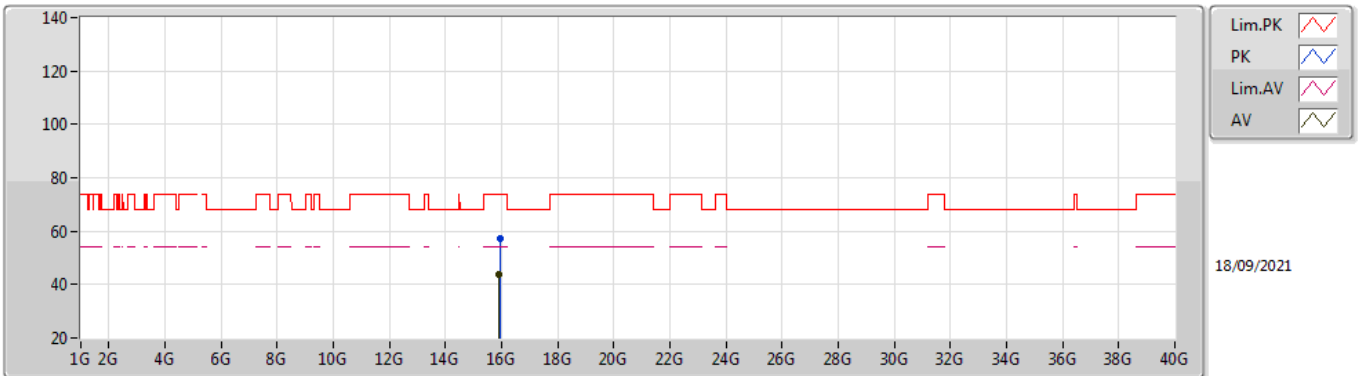


EUT Y_4TX
Setting 85
06-E-S-5
PCB35
ANT WU0514

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	15.92778G	57.25	74.00	-16.75	43.54	3	Vertical	321	1.42	-	37.54	10.56	34.39
AV	15.93296G	43.65	54.00	-10.35	29.94	3	Vertical	321	1.42	-	37.53	10.57	34.39

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

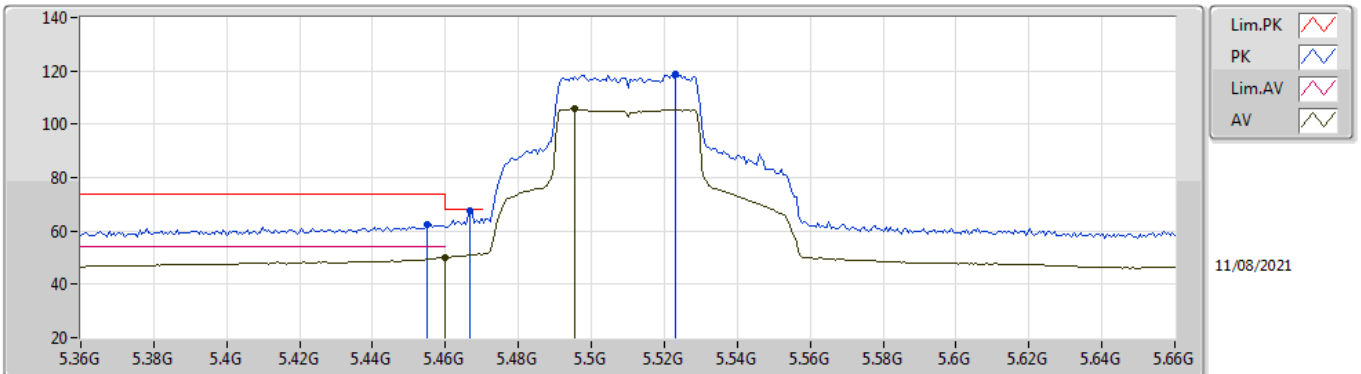


EUT Y_4TX
Setting 85
06-E-S-5
PCB35
ANT WU0514

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	15.9338G	57.14	74.00	-16.86	43.43	3	Horizontal	275	2.13	-	37.53	10.57	34.39
AV	15.92578G	43.67	54.00	-10.33	29.95	3	Horizontal	275	2.13	-	37.55	10.56	34.39

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

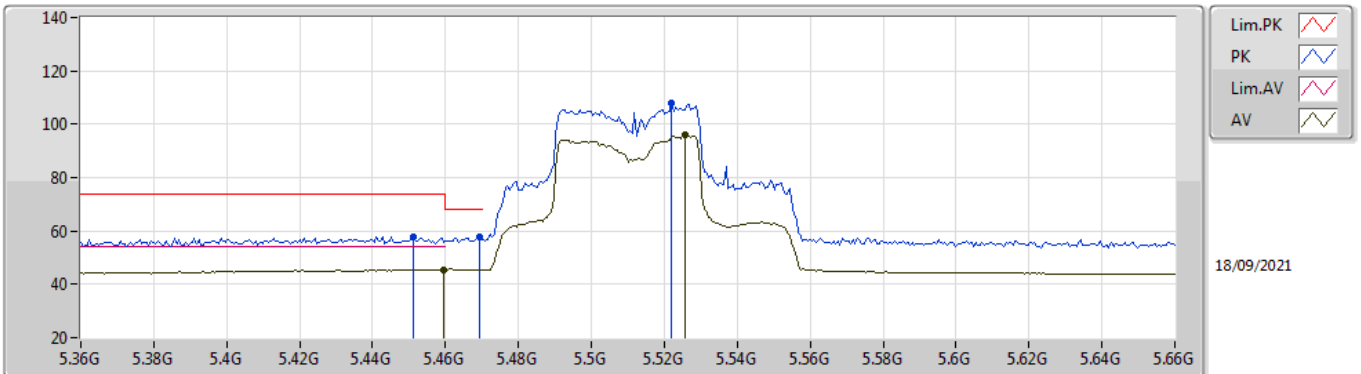


EUT Y_4TX
Setting 81
06-E-S-5-10
PCB35
ANT WU0514

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	5.4548G	62.46	74.00	-11.54	57.82	3	Vertical	258	1.87	-	31.70	5.05	32.11	
AV	5.46G	50.09	54.00	-3.91	45.44	3	Vertical	258	1.87	-	31.70	5.06	32.11	
PK	5.4668G	67.67	68.20	-0.53	63.02	3	Vertical	258	1.87	-	31.70	5.07	32.12	
PK	5.5232G	118.81	Inf	-Inf	114.18	3	Vertical	258	1.87	-	31.65	5.12	32.14	
AV	5.4956G	105.74	Inf	-Inf	101.07	3	Vertical	258	1.87	-	31.70	5.10	32.13	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

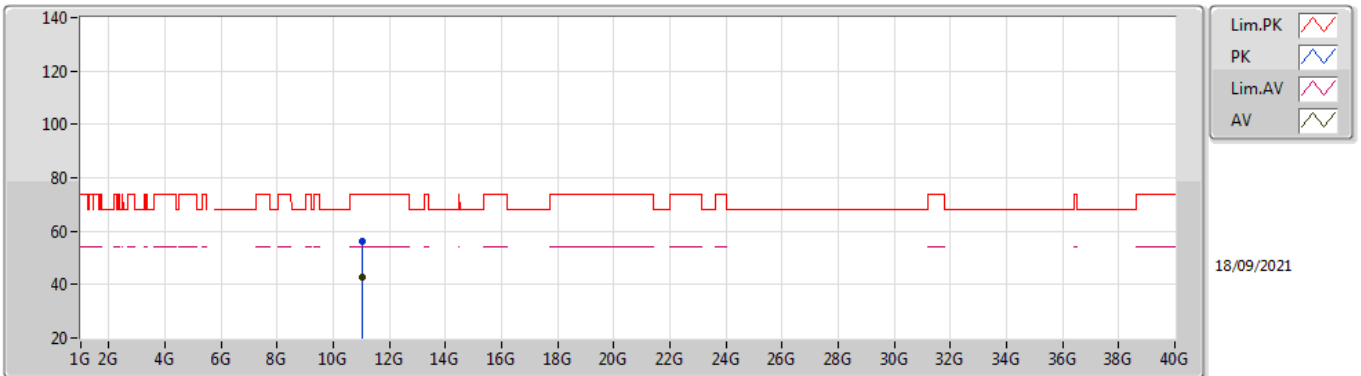


EUT Y_4TX
Setting 81
06-E-S-5-10
PCB35
ANT WU0514

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	5.4512G	57.92	74.00	-16.08	53.28	3	Horizontal	240	1.95	-	31.70	5.05	32.11
AV	5.4596G	45.44	54.00	-8.56	40.79	3	Horizontal	240	1.95	-	31.70	5.06	32.11
PK	5.4692G	57.71	68.20	-10.49	53.06	3	Horizontal	240	1.95	-	31.70	5.07	32.12
PK	5.522G	107.69	Inf	-Inf	103.05	3	Horizontal	240	1.95	-	31.66	5.12	32.14
AV	5.5256G	95.79	Inf	-Inf	91.16	3	Horizontal	240	1.95	-	31.65	5.13	32.15

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

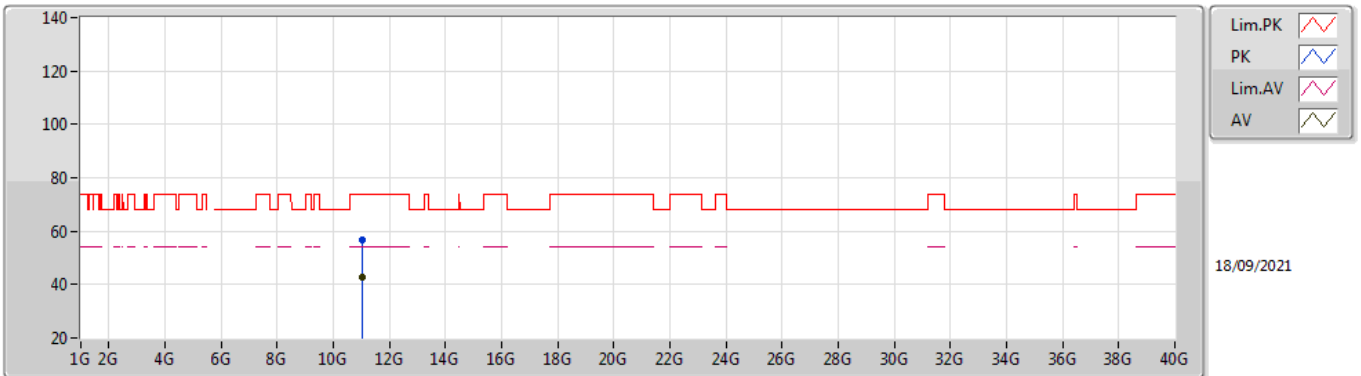


EUT Y_4TX
Setting 81
06-E-S-5
PCB35
ANT WU0514

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	11.01844G	56.14	74.00	-17.86	42.13	3	Vertical	78	2.06	-	40.13	8.11	34.23
AV	11.01526G	42.82	54.00	-11.18	28.80	3	Vertical	78	2.06	-	40.14	8.11	34.23

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

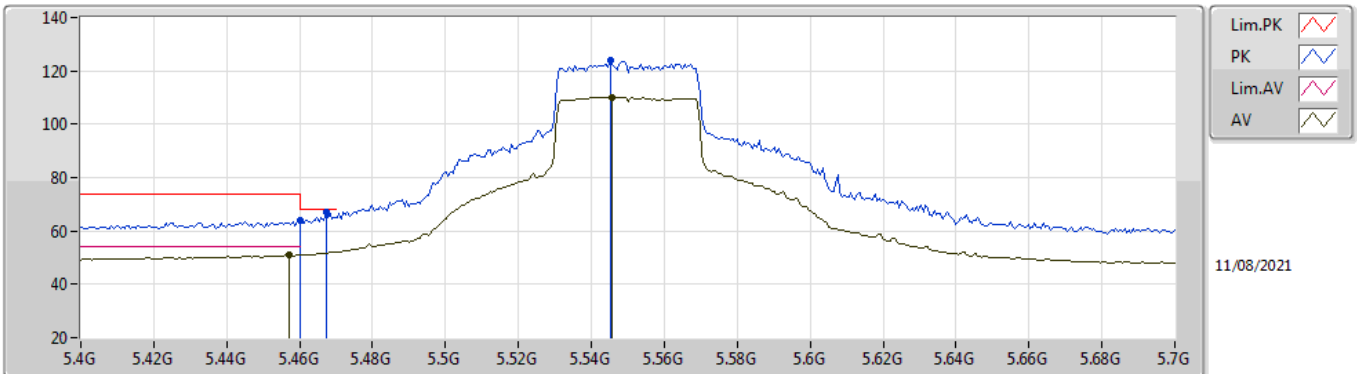


EUT Y_4TX
Setting 81
06-E-S-5
PCB35
ANT WU0514

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	11.0153G	56.55	74.00	-17.45	42.53	3	Horizontal	343	2.54	-	40.14	8.11	34.23
AV	11.01692G	42.75	54.00	-11.25	28.74	3	Horizontal	343	2.54	-	40.13	8.11	34.23

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

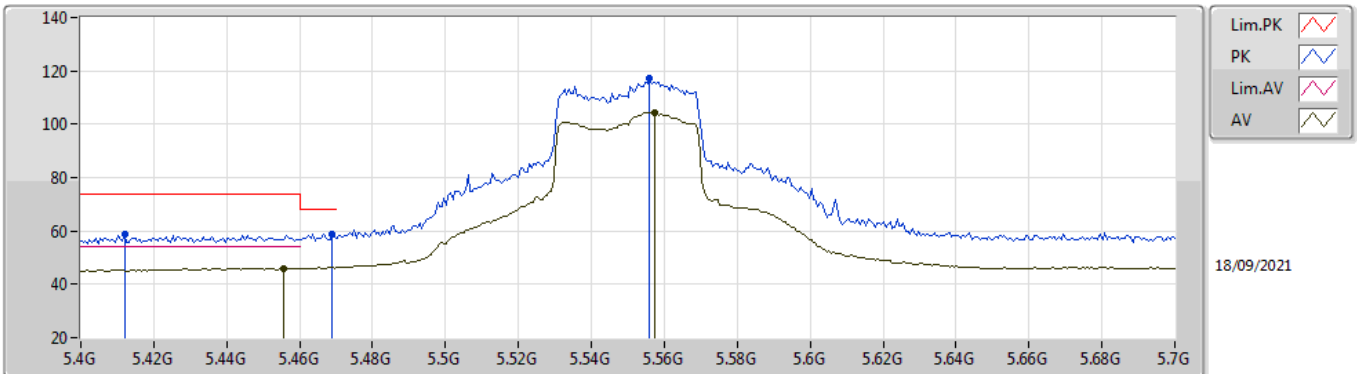


EUT Y_4TX
Setting 98
06-E-S-5-10
PCB35
ANT WU0514

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	5.46G	64.07	74.00	-9.93	59.42	3	Vertical	254	1.80	-	31.70	5.06	32.11	
AV	5.457G	51.14	54.00	-2.86	46.49	3	Vertical	254	1.80	-	31.70	5.06	32.11	
PK	5.4672G	66.88	68.20	-1.32	62.23	3	Vertical	254	1.80	-	31.70	5.07	32.12	
PK	5.5452G	124.13	Inf	-Inf	119.53	3	Vertical	254	1.80	-	31.61	5.15	32.16	
AV	5.5458G	110.14	Inf	-Inf	105.54	3	Vertical	254	1.80	-	31.61	5.15	32.16	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

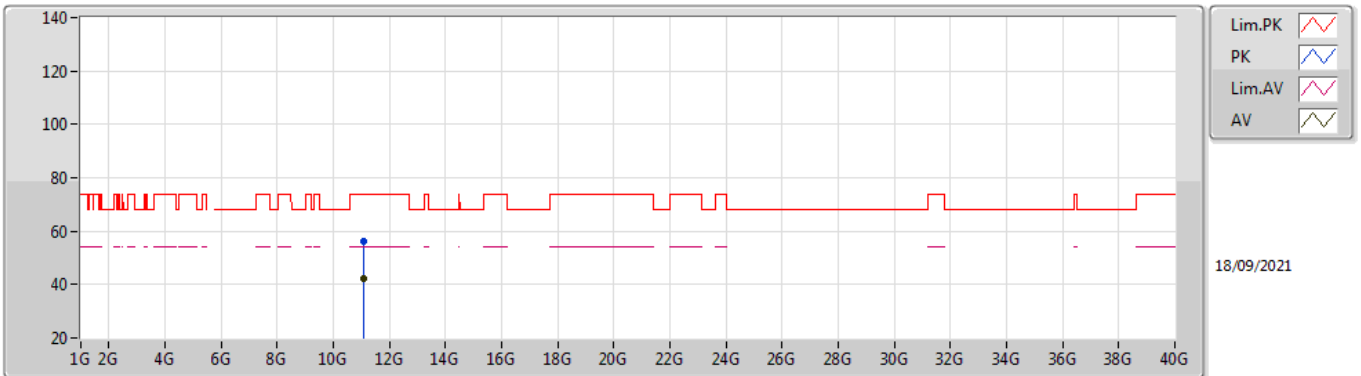


EUT Y_4TX
Setting 98
06-E-S-5-10
PCB35
ANT WU0514

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	58.64	74.00	-15.36	54.02	3	Horizontal	309	1.34	-	31.70	5.01	32.09	
PK	5.469G	58.65	68.20	-9.55	54.00	3	Horizontal	309	1.34	-	31.70	5.07	32.12	
AV	5.4558G	45.94	54.00	-8.06	41.29	3	Horizontal	309	1.34	-	31.70	5.06	32.11	
PK	5.556G	117.40	Inf	-Inf	112.80	3	Horizontal	309	1.34	-	31.60	5.16	32.16	
AV	5.5572G	104.35	Inf	-Inf	99.75	3	Horizontal	309	1.34	-	31.60	5.16	32.16	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

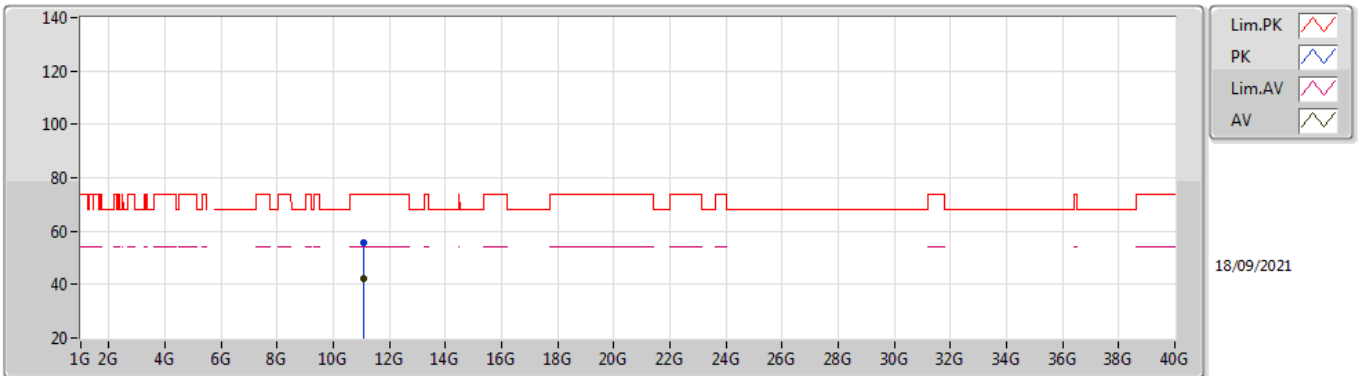


EUT Y_4TX
Setting 98
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.10248G	56.11	74.00	-17.89	42.42	3	Vertical	139	1.95	-	39.80	8.14	34.25
AV	11.09532G	42.20	54.00	-11.80	28.49	3	Vertical	139	1.95	-	39.82	8.14	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

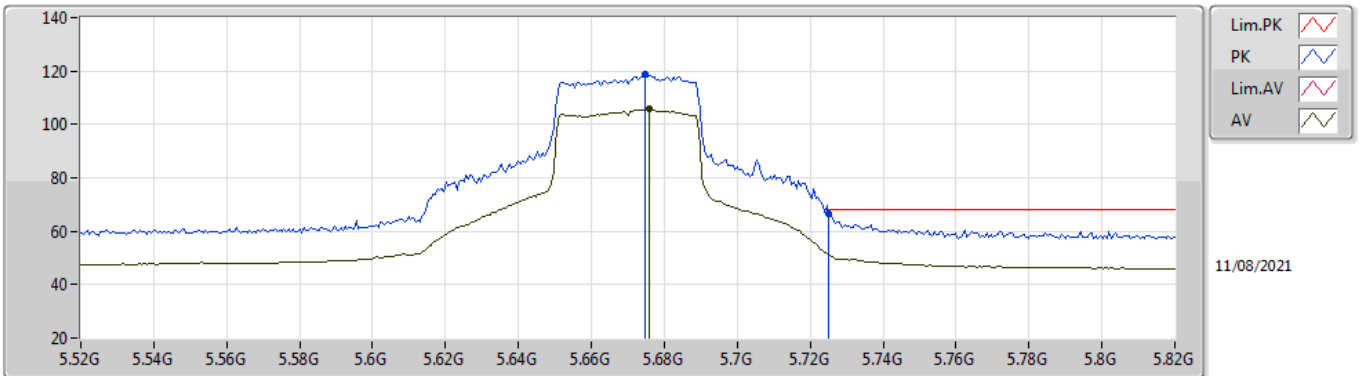


EUT_Y_4TX
Setting 98
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09974G	55.87	74.00	-18.13	42.18	3	Horizontal	278	2.65	-	39.80	8.14	34.25
AV	11.09996G	42.19	54.00	-11.81	28.50	3	Horizontal	278	2.65	-	39.80	8.14	34.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

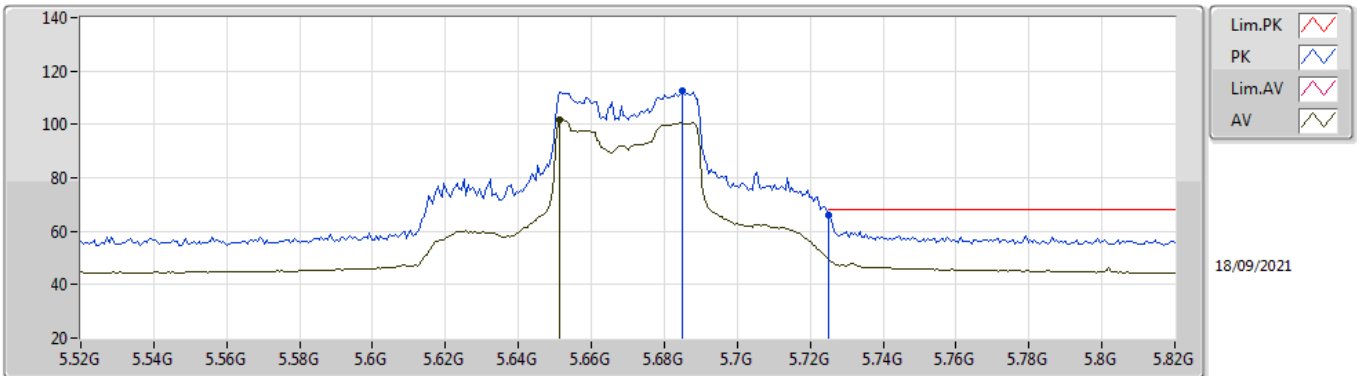


EUT Y_4TX
Setting 82
06-E-S-5-10
PCB35
ANT WU0514

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	5.6748G	118.69	Inf	-Inf	113.98	3	Vertical	248	1.63	-	31.70	5.24	32.23
AV	5.676G	105.61	Inf	-Inf	100.91	3	Vertical	248	1.63	-	31.70	5.24	32.24
PK	5.7252G	66.36	68.20	-1.84	61.52	3	Vertical	248	1.63	-	31.85	5.26	32.27

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

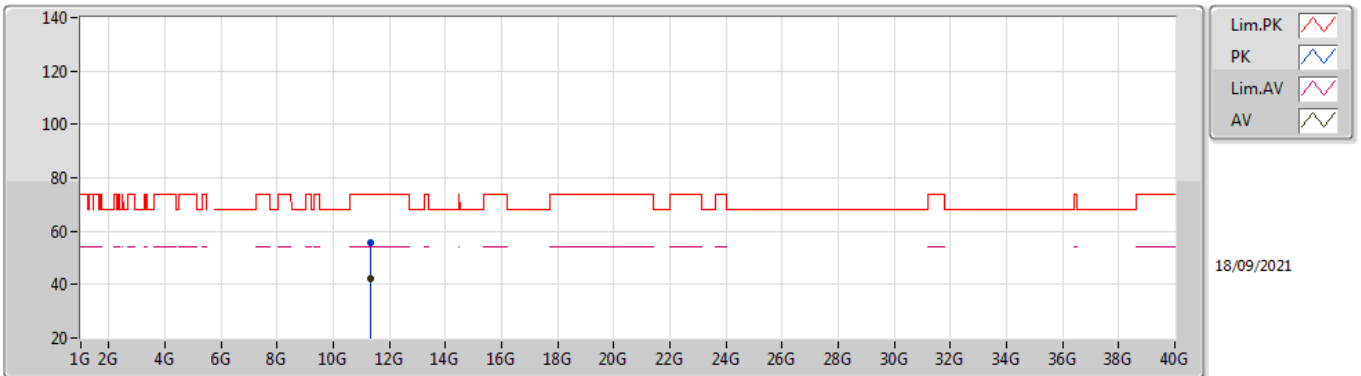


EUT Y_4TX
Setting 82
06-E-S-5-10
PCB35
ANT WU0514

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	5.685G	112.72	Inf	-Inf	107.98	3	Horizontal	259	1.11	-	31.74	5.24	32.24
AV	5.6514G	101.87	Inf	-Inf	97.25	3	Horizontal	259	1.11	-	31.61	5.23	32.22
PK	5.7252G	66.13	68.20	-2.07	61.24	3	Horizontal	259	1.11	-	31.90	5.26	32.27

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

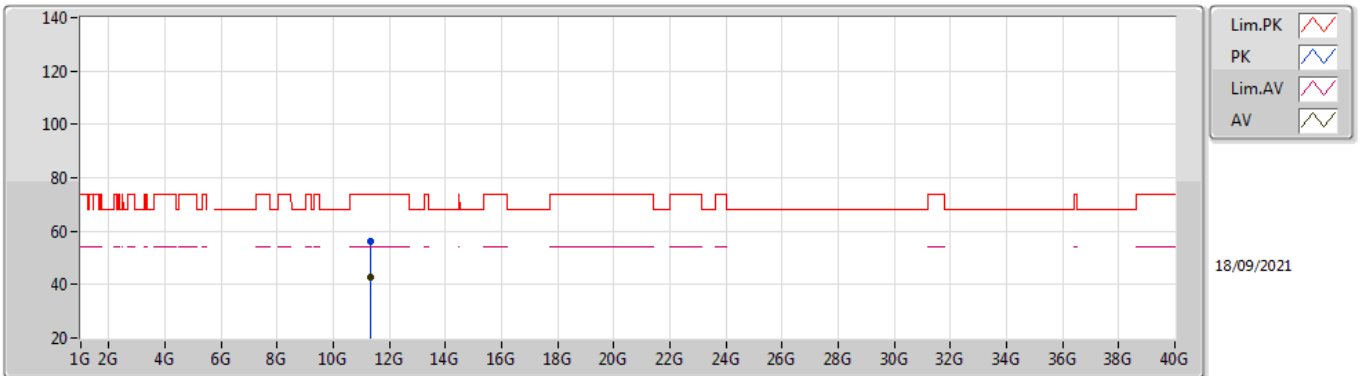


EUT Y_4TX
Setting 82
06-E-S-5
PCB35
ANT WU0514

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	11.3365G	55.93	74.00	-18.07	42.31	3	Vertical	94	2.45	-	39.67	8.23	34.28
AV	11.33782G	42.48	54.00	-11.52	28.84	3	Vertical	94	2.45	-	39.68	8.24	34.28

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

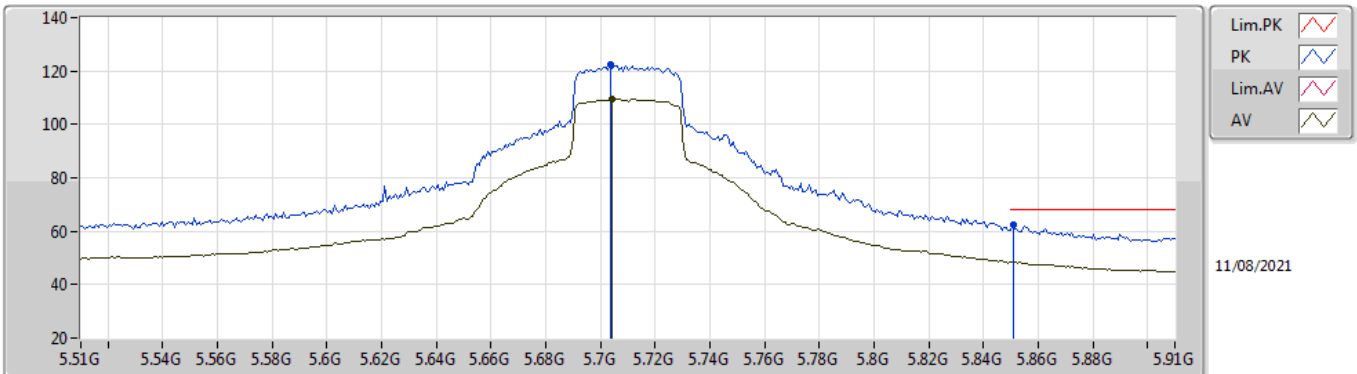


EUT Y_4TX
Setting 82
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.34104G	56.04	74.00	-17.96	42.40	3	Horizontal	196	1.41	-	39.68	8.24	34.28
AV	11.33882G	42.54	54.00	-11.46	28.90	3	Horizontal	196	1.41	-	39.68	8.24	34.28

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

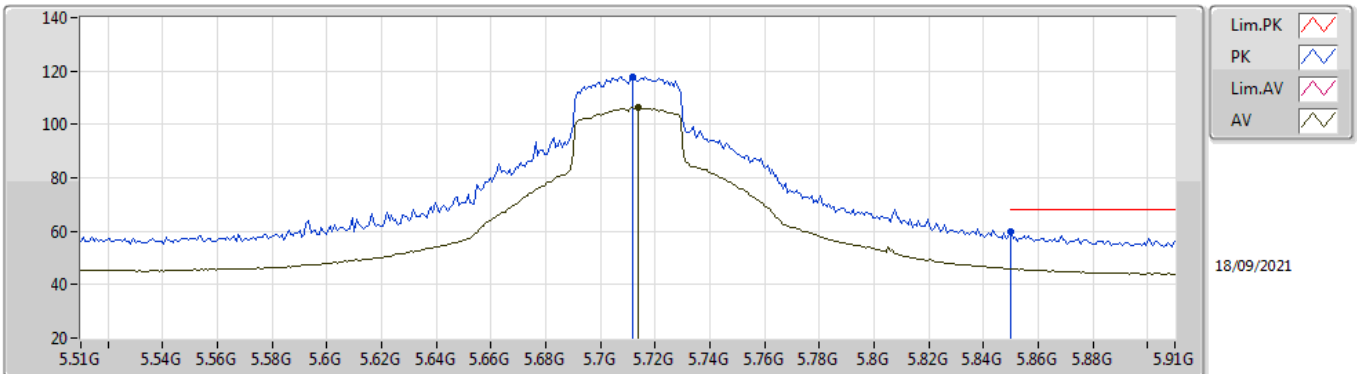


EUT Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.7036G	122.32	Inf	-Inf	117.51	3	Vertical	254	1.80	-	31.81	5.25	32.25	
AV	5.7044G	109.49	Inf	-Inf	104.68	3	Vertical	254	1.80	-	31.81	5.25	32.25	
PK	5.8508G	62.58	68.20	-5.62	57.47	3	Vertical	254	1.80	-	32.10	5.35	32.34	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

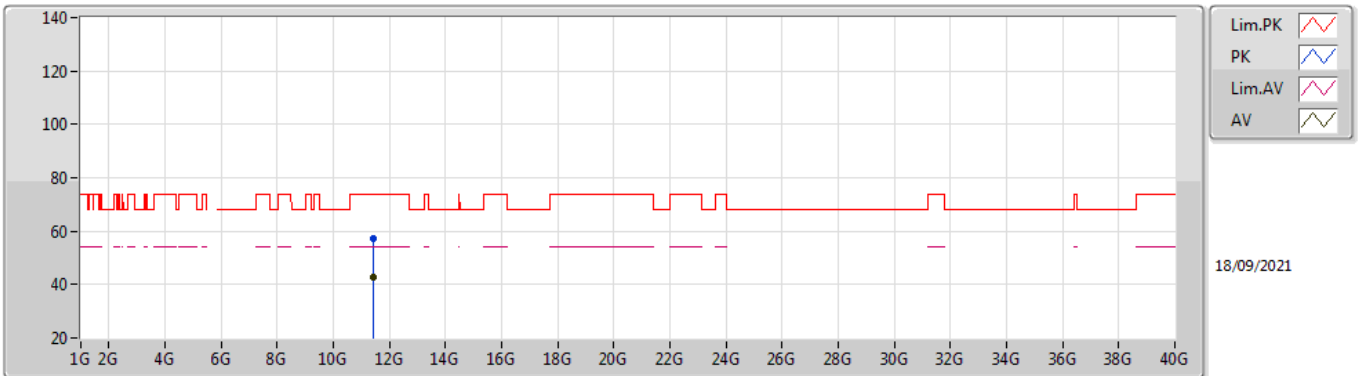


EUT Y_4TX
Setting 100
06-E-S-5-10
PCB35
ANT WU0514

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	5.7116G	117.72	Inf	-Inf	112.90	3	Horizontal	306	1.51	-	31.82	5.26	32.26	
AV	5.714G	106.22	Inf	-Inf	101.39	3	Horizontal	306	1.51	-	31.83	5.26	32.26	
PK	5.85G	59.88	68.20	-8.32	54.77	3	Horizontal	306	1.51	-	32.10	5.35	32.34	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

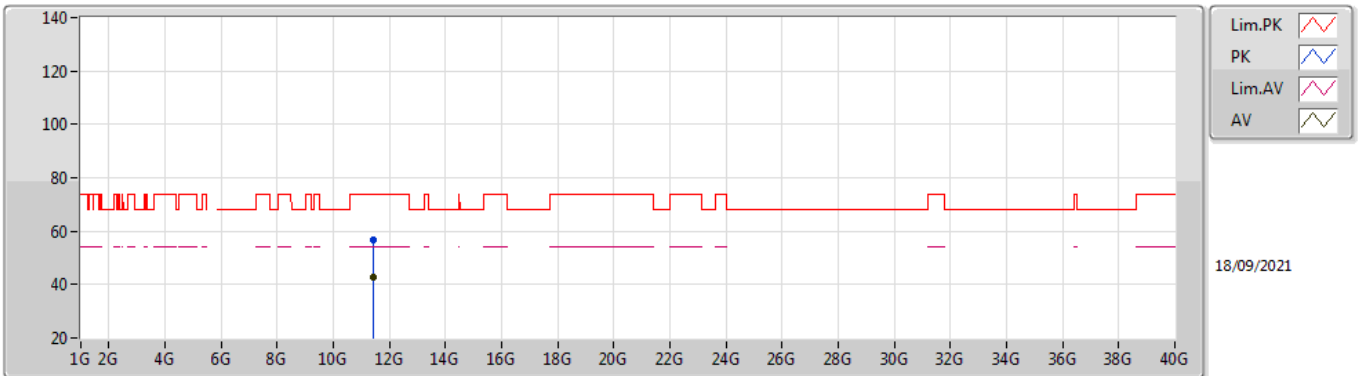


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.42026G	57.09	74.00	-16.91	43.36	3	Vertical	30	1.81	-	39.76	8.27	34.30
AV	11.41696G	42.54	54.00	-11.46	28.80	3	Vertical	30	1.81	-	39.77	8.27	34.30

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

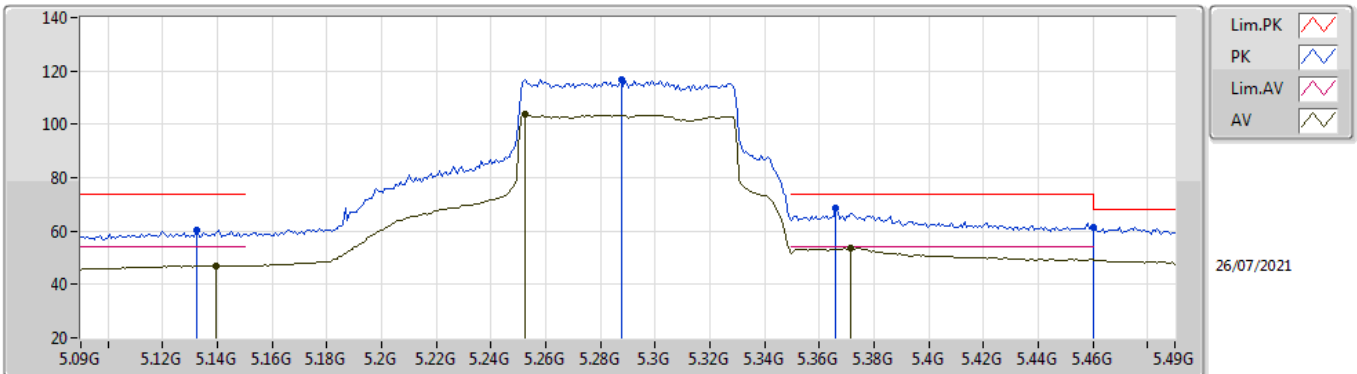


EUT Y_4TX
Setting 100
06-E-S-5
PCB35
ANT WU0514

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	11.42342G	56.55	74.00	-17.45	42.83	3	Horizontal	96	1.83	-	39.75	8.27	34.30
AV	11.42036G	42.55	54.00	-11.45	28.82	3	Horizontal	96	1.83	-	39.76	8.27	34.30

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

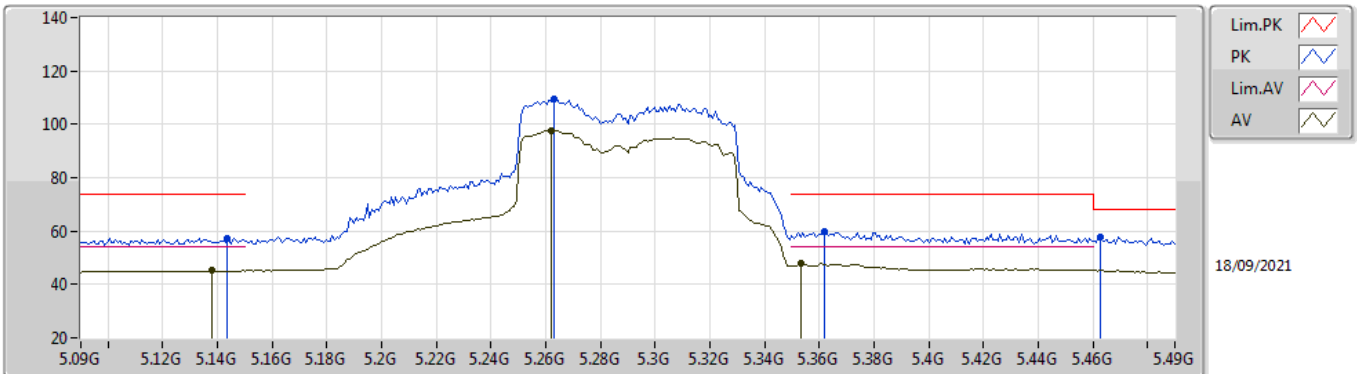


EUT Y_4TX
Setting 83
06-E-B-4-10
PCB35
ANT WU0514

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	5.1324G	60.20	74.00	-13.80	55.30	3	Vertical	251	1.96	-	31.87	5.00	31.97
AV	5.1396G	47.03	54.00	-6.97	42.16	3	Vertical	251	1.96	-	31.84	5.00	31.97
PK	5.2876G	116.94	Inf	-Inf	112.66	3	Vertical	251	1.96	-	31.32	5.00	32.04
AV	5.2524G	103.88	Inf	-Inf	99.50	3	Vertical	251	1.96	-	31.40	5.00	32.02
PK	5.366G	68.69	74.00	-5.31	64.33	3	Vertical	251	1.96	-	31.43	5.00	32.07
AV	5.3716G	53.66	54.00	-0.34	49.26	3	Vertical	251	1.96	-	31.47	5.00	32.07
PK	5.4604G	61.44	68.20	-6.76	56.79	3	Vertical	251	1.96	-	31.70	5.06	32.11

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

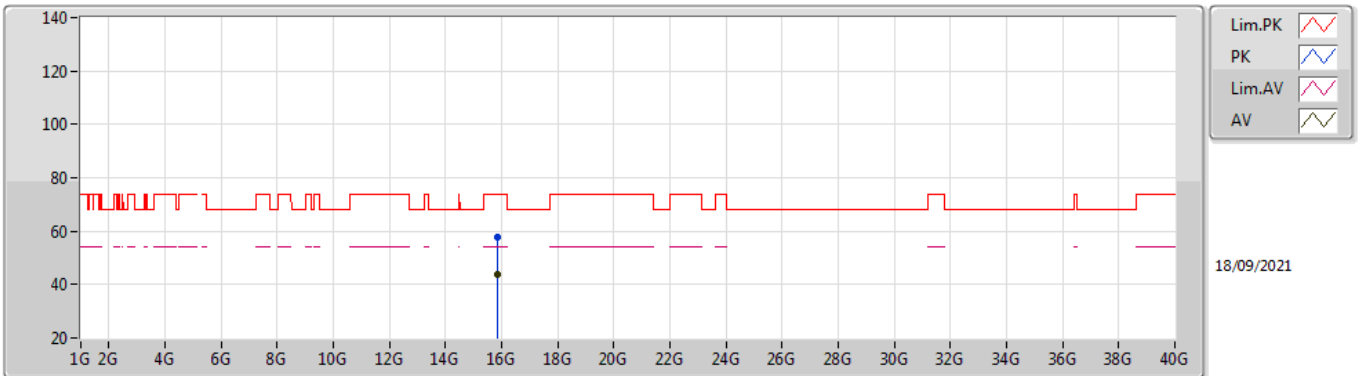


EUT Y_4TX
Setting 83
06-E-S-5-10
PCB35
ANT WU0514

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	57.43	74.00	-16.57	52.66	3	Horizontal	85	2.46	-	31.74	5.00	31.97
AV	5.138G	45.11	54.00	-8.89	40.31	3	Horizontal	85	2.46	-	31.77	5.00	31.97
PK	5.2628G	109.41	Inf	-Inf	105.34	3	Horizontal	85	2.46	-	31.10	5.00	32.03
AV	5.262G	97.55	Inf	-Inf	93.48	3	Horizontal	85	2.46	-	31.10	5.00	32.03
PK	5.362G	59.74	74.00	-14.26	55.64	3	Horizontal	85	2.46	-	31.17	5.00	32.07
AV	5.3532G	47.71	54.00	-6.29	43.66	3	Horizontal	85	2.46	-	31.12	5.00	32.07
PK	5.4628G	57.96	68.20	-10.24	53.51	3	Horizontal	85	2.46	-	31.50	5.06	32.11

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

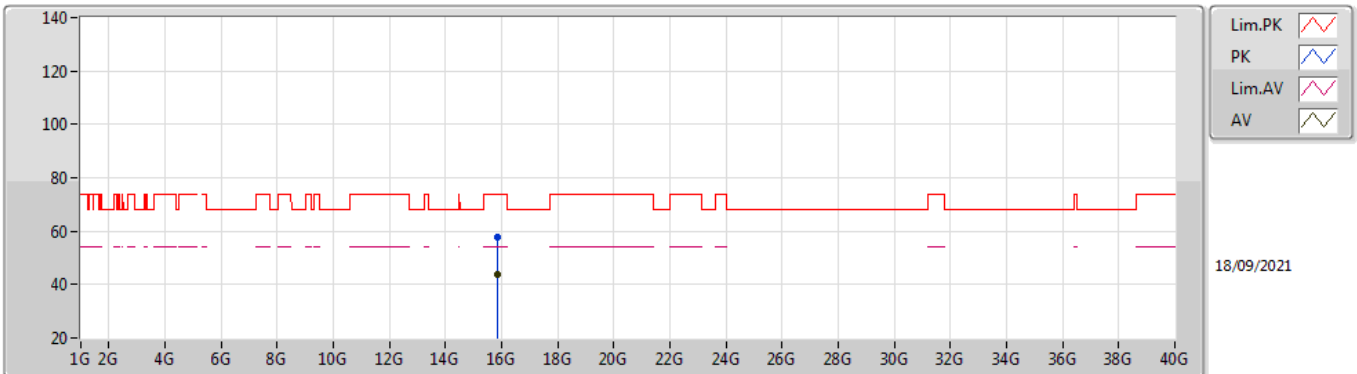


EUT Y_4TX
Setting 83
06-E-S-5
PCB35
ANT WU0514

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	15.87348G	57.67	74.00	-16.33	43.85	3	Vertical	197	2.05	-	37.65	10.54	34.37
AV	15.86682G	44.02	54.00	-9.98	30.19	3	Vertical	197	2.05	-	37.67	10.53	34.37

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

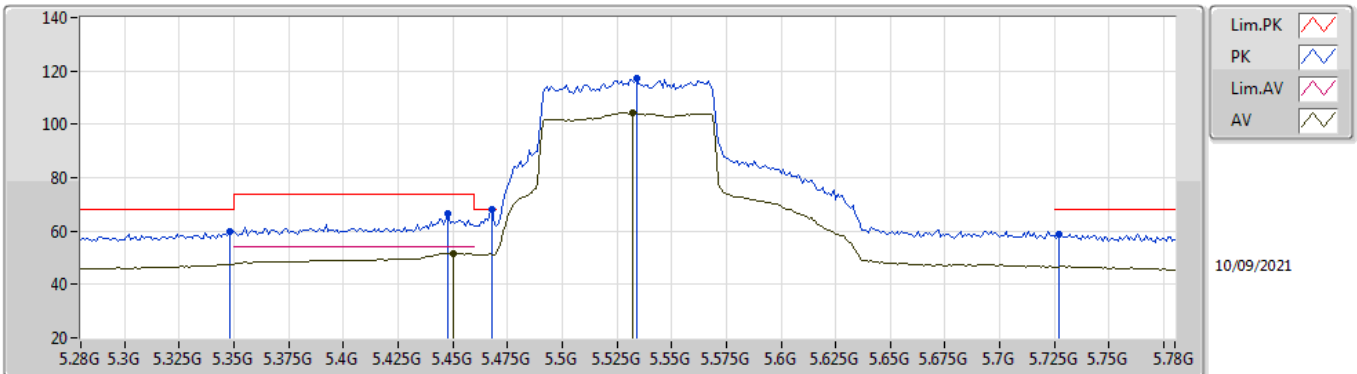


EUT Y_4TX
Setting 83
06-E-S-5
PCB35
ANT WU0514

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	15.86622G	57.93	74.00	-16.07	44.10	3	Horizontal	98	1.00	-	37.67	10.53	34.37	
AV	15.8708G	43.98	54.00	-10.02	30.15	3	Horizontal	98	1.00	-	37.66	10.54	34.37	

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

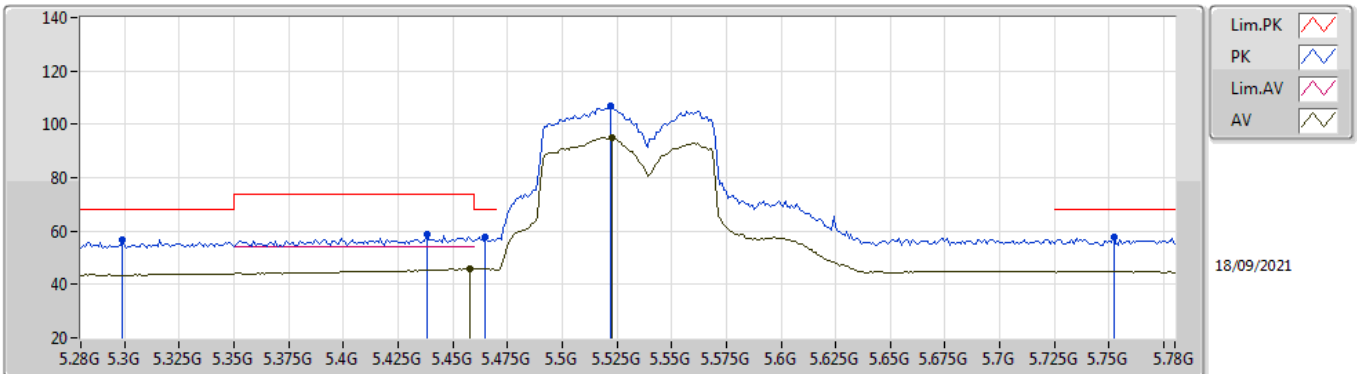


EUT Y_4TX
Setting 84
06-E-B-4-10
PCB35
ANT WU0514

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	5.348G	60.07	68.20	-8.13	55.83	3	Vertical	251	1.76	-	31.30	5.00	32.06
PK	5.448G	66.35	74.00	-7.65	61.71	3	Vertical	251	1.76	-	31.70	5.05	32.11
AV	5.45G	51.79	54.00	-2.21	47.15	3	Vertical	251	1.76	-	31.70	5.05	32.11
PK	5.468G	68.14	68.20	-0.06	63.49	3	Vertical	251	1.76	-	31.70	5.07	32.12
PK	5.534G	117.12	Inf	-Inf	112.51	3	Vertical	251	1.76	-	31.63	5.13	32.15
AV	5.532G	104.43	Inf	-Inf	99.81	3	Vertical	251	1.76	-	31.64	5.13	32.15
PK	5.727G	58.87	68.20	-9.33	54.03	3	Vertical	251	1.76	-	31.85	5.26	32.27

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

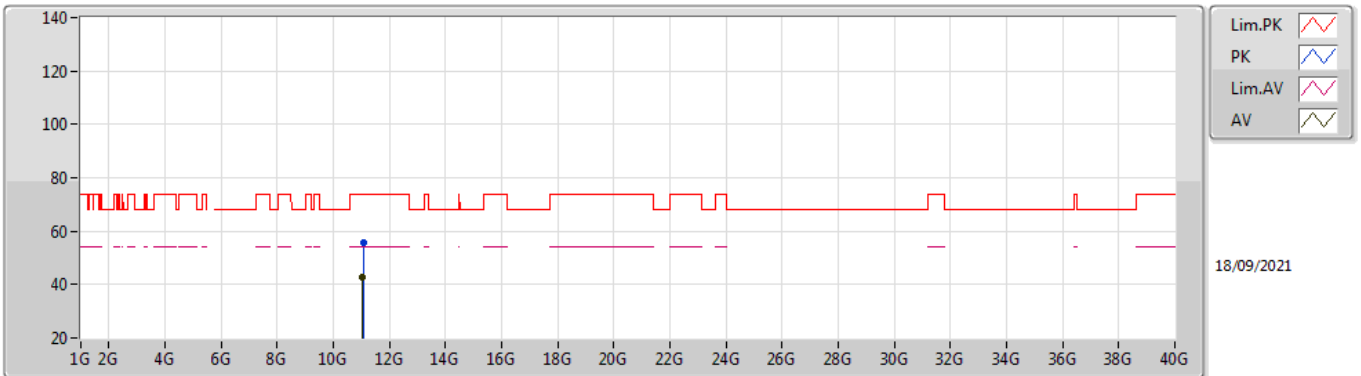


EUT Y_4TX
Setting 84
06-E-S-5-10
PCB35
ANT WU0514

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	5.299G	56.93	68.20	-11.27	52.87	3	Horizontal	291.5	1.80	-	31.10	5.00	32.04
PK	5.438G	58.69	74.00	-15.31	54.27	3	Horizontal	291.5	1.80	-	31.48	5.04	32.10
PK	5.465G	57.58	68.20	-10.62	53.13	3	Horizontal	291.5	1.80	-	31.50	5.06	32.11
AV	5.458G	45.76	54.00	-8.24	41.31	3	Horizontal	291.5	1.80	-	31.50	5.06	32.11
PK	5.522G	107.02	Inf	-Inf	102.54	3	Horizontal	291.5	1.80	-	31.50	5.12	32.14
AV	5.523G	94.90	Inf	-Inf	90.42	3	Horizontal	291.5	1.80	-	31.50	5.12	32.14
PK	5.752G	57.69	68.20	-10.51	52.69	3	Horizontal	291.5	1.80	-	32.00	5.28	32.28

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

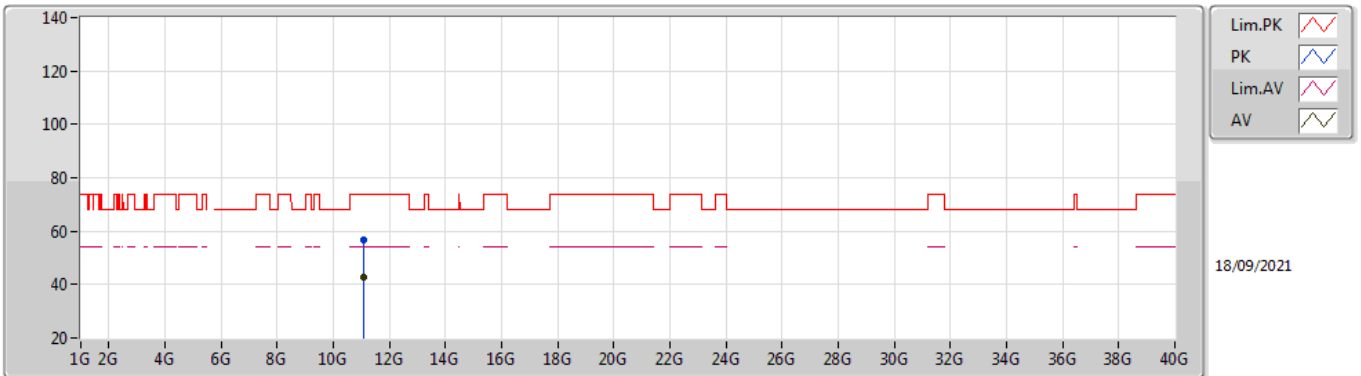


EUT Y_4TX
Setting 84
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0601G	55.88	74.00	-18.12	42.04	3	Vertical	303	1.31	-	39.96	8.12	34.24
AV	11.055G	42.63	54.00	-11.37	28.77	3	Vertical	303	1.31	-	39.98	8.12	34.24

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

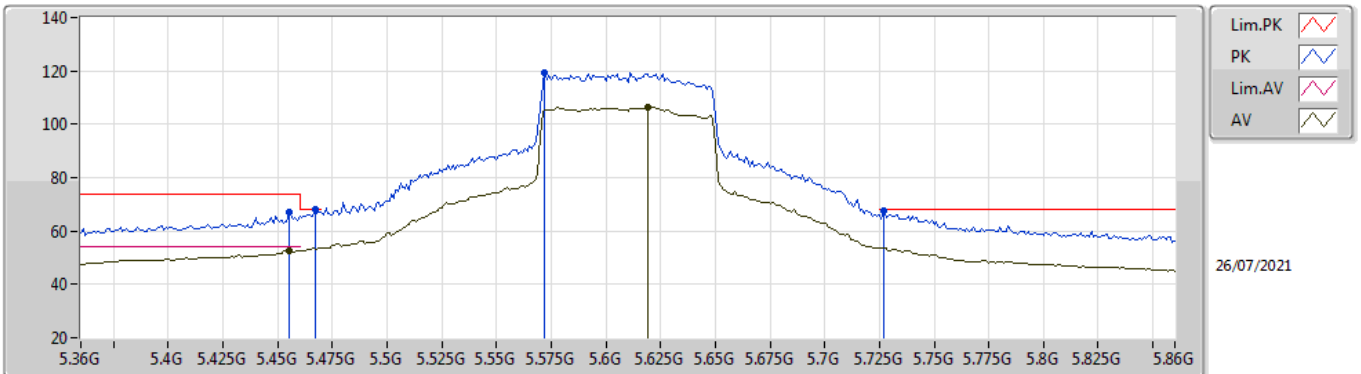


EUT Y_4TX
Setting 84
06-E-S-5
PCB35
ANT WU0514

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	11.06424G	56.90	74.00	-17.10	43.07	3	Horizontal	311	3.00	-	39.94	8.13	34.24
AV	11.0612G	42.61	54.00	-11.39	28.77	3	Horizontal	311	3.00	-	39.96	8.12	34.24

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

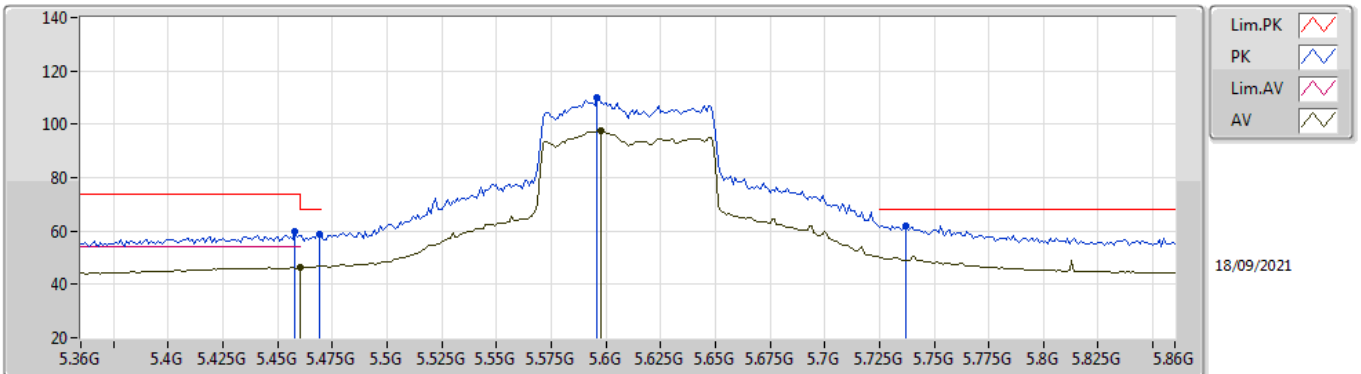


EUT_V_4TX
Setting 93
06-E-B-4-10
PCB35
ANT WU0514

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	5.455G	67.00	74.00	-7.00	62.36	3	Vertical	248	1.70	-	31.70	5.05	32.11
AV	5.455G	52.75	54.00	-1.25	48.11	3	Vertical	248	1.70	-	31.70	5.05	32.11
PK	5.467G	68.02	68.20	-0.18	63.37	3	Vertical	248	1.70	-	31.70	5.07	32.12
PK	5.572G	119.31	Inf	-Inf	114.71	3	Vertical	248	1.70	-	31.60	5.17	32.17
AV	5.619G	106.27	Inf	-Inf	101.66	3	Vertical	248	1.70	-	31.60	5.21	32.20
PK	5.727G	67.43	68.20	-0.77	62.59	3	Vertical	248	1.70	-	31.85	5.26	32.27

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

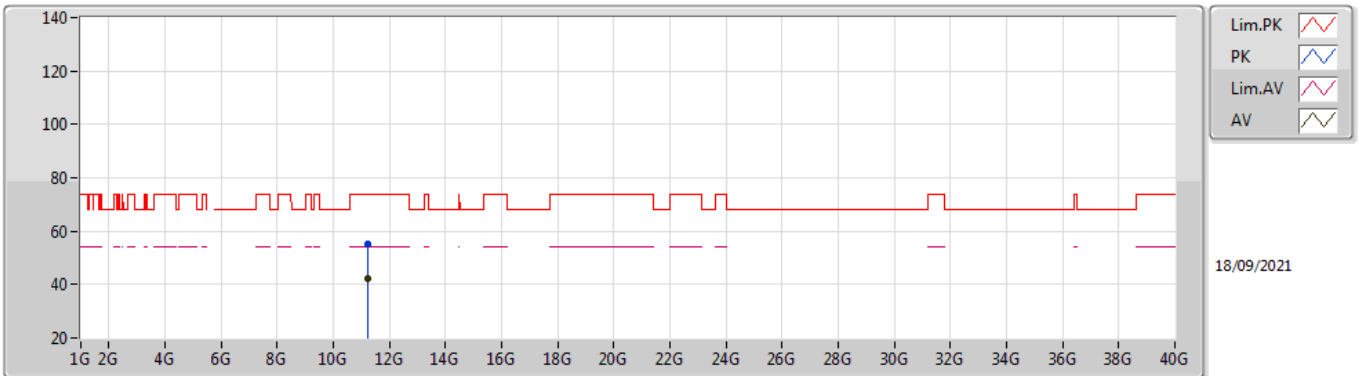


EUT V_4TX
Setting 93
06-E-S-5-10
PCB35
ANT WU0514

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	5.458G	60.05	74.00	-13.95	55.60	3	Horizontal	255	1.80	-	31.50	5.06	32.11
AV	5.46G	46.46	54.00	-7.54	42.01	3	Horizontal	255	1.80	-	31.50	5.06	32.11
PK	5.469G	58.88	68.20	-9.32	54.43	3	Horizontal	255	1.80	-	31.50	5.07	32.12
PK	5.596G	109.93	Inf	-Inf	105.33	3	Horizontal	255	1.80	-	31.59	5.20	32.19
AV	5.598G	97.61	Inf	-Inf	93.00	3	Horizontal	255	1.80	-	31.60	5.20	32.19
PK	5.737G	62.08	68.20	-6.12	57.13	3	Horizontal	255	1.80	-	31.95	5.27	32.27

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

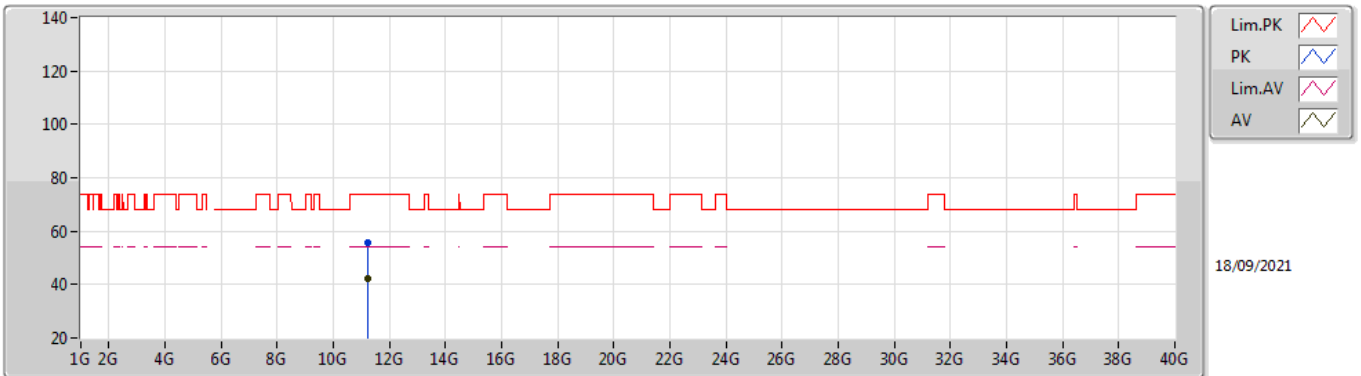


EUT Y_4TX
Setting 93
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.21876G	55.36	74.00	-18.64	41.84	3	Vertical	90	1.25	-	39.60	8.19	34.27
AV	11.21732G	42.03	54.00	-11.97	28.50	3	Vertical	90	1.25	-	39.60	8.19	34.26

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

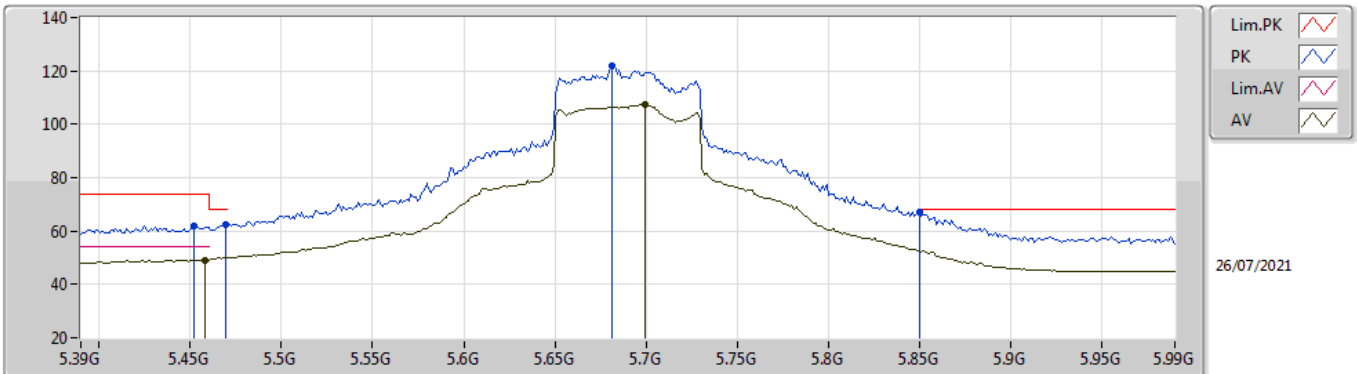


EUT Y_4TX
Setting 93
06-E-S-5
PCB35
ANT WU0514

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	11.21604G	55.47	74.00	-18.53	41.94	3	Horizontal	92	2.52	-	39.60	8.19	34.26
AV	11.21546G	42.07	54.00	-11.93	28.54	3	Horizontal	92	2.52	-	39.60	8.19	34.26

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

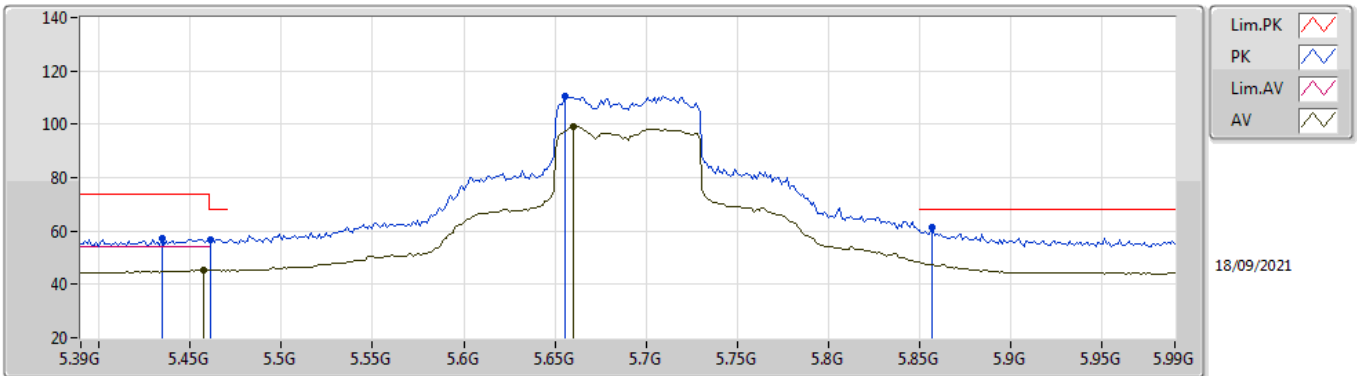


EUT Y_4TX
Setting 98
06-E-B-4-10
PCB35
ANT WU0514

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	5.4524G	61.79	74.00	-12.21	57.15	3	Vertical	288	2.10	-	31.70	5.05	32.11
AV	5.4584G	49.16	54.00	-4.84	44.51	3	Vertical	288	2.10	-	31.70	5.06	32.11
PK	5.4692G	62.16	68.20	-6.04	57.51	3	Vertical	288	2.10	-	31.70	5.07	32.12
PK	5.6816G	122.13	Inf	-Inf	117.40	3	Vertical	288	2.10	-	31.73	5.24	32.24
AV	5.6996G	107.22	Inf	-Inf	102.42	3	Vertical	288	2.10	-	31.80	5.25	32.25
PK	5.85G	66.88	68.20	-1.32	61.77	3	Vertical	288	2.10	-	32.10	5.35	32.34

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

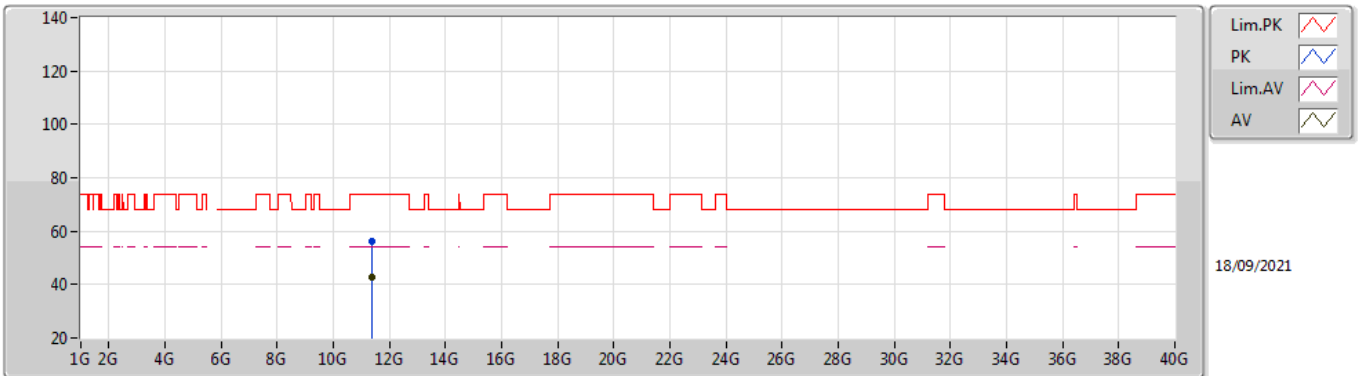


EUT Y_4TX
Setting 98
06-E-S-5-10
PCB35
ANT WU0514

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	5.4344G	57.14	74.00	-16.86	52.74	3	Horizontal	292.7	1.99	-	31.47	5.03	32.10
PK	5.4608G	56.77	68.20	-11.43	52.32	3	Horizontal	292.7	1.99	-	31.50	5.06	32.11
AV	5.4572G	45.49	54.00	-8.51	41.04	3	Horizontal	292.7	1.99	-	31.50	5.06	32.11
PK	5.6552G	110.52	Inf	-Inf	105.89	3	Horizontal	292.7	1.99	-	31.62	5.23	32.22
AV	5.66G	99.23	Inf	-Inf	94.59	3	Horizontal	292.7	1.99	-	31.64	5.23	32.23
PK	5.8568G	61.25	68.20	-6.95	56.22	3	Horizontal	292.7	1.99	-	32.01	5.36	32.34

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

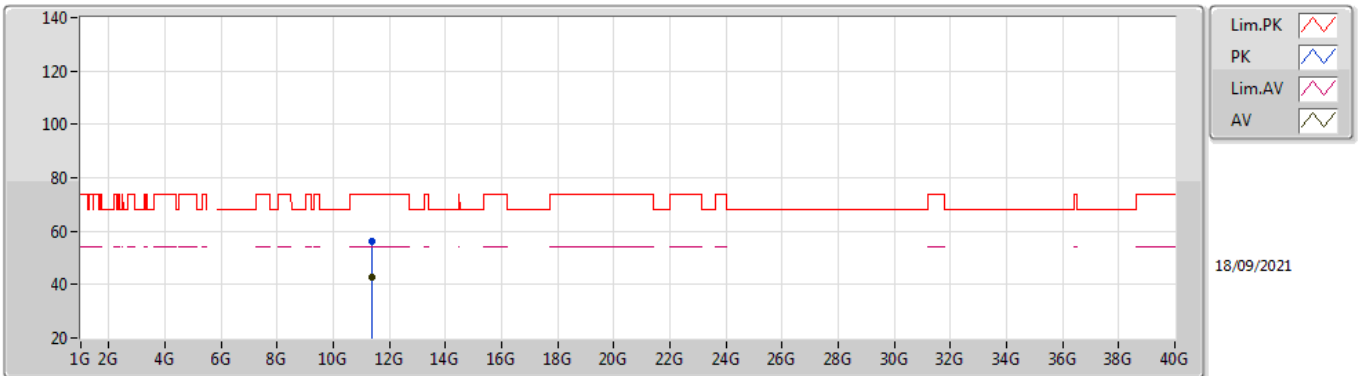


EUT Y_4TX
Setting 98
06-E-S-5
PCB35
ANT WU0514

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	11.37968G	56.39	74.00	-17.61	42.67	3	Vertical	26	2.14	-	39.76	8.25	34.29
AV	11.37502G	42.52	54.00	-11.48	28.81	3	Vertical	26	2.14	-	39.75	8.25	34.29

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

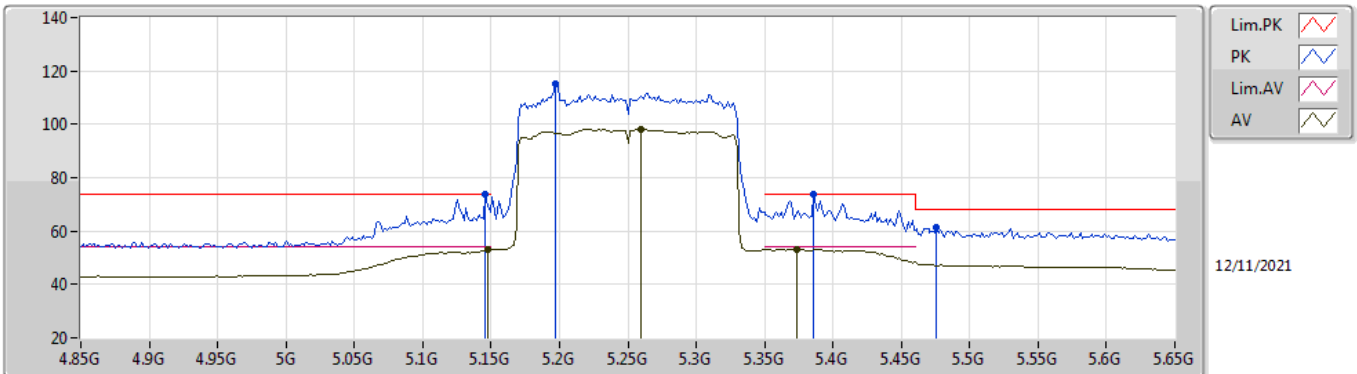


EUT Y_4TX
Setting 98
06-E-S-5
PCB35
ANT WU0514

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	11.3783G	56.10	74.00	-17.90	42.38	3	Horizontal	328	1.20	-	39.76	8.25	34.29
AV	11.37992G	42.55	54.00	-11.45	28.83	3	Horizontal	328	1.20	-	39.76	8.25	34.29

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

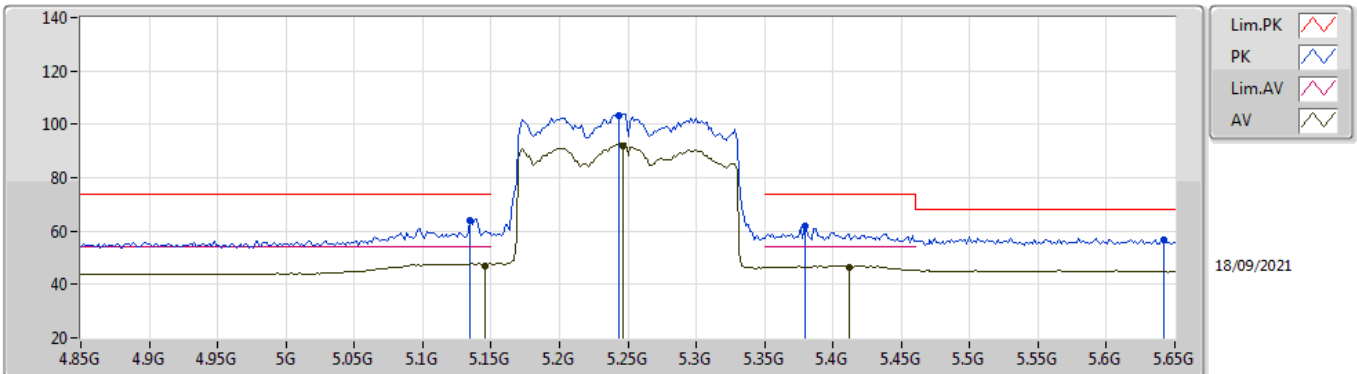


EUT Y_4TX
Setting 77
06-E-S-5-10
PCB35
ANT WU0514

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	73.85	74.00	-0.15	68.35	3	Vertical	246.7	2.05	-	31.72	5.75	31.97
AV	5.1476G	52.90	54.00	-1.10	47.41	3	Vertical	246.7	2.05	-	31.71	5.75	31.97
PK	5.1972G	115.33	Inf	-Inf	110.11	3	Vertical	246.7	2.05	-	31.42	5.80	32.00
AV	5.2596G	98.20	Inf	-Inf	93.32	3	Vertical	246.7	2.05	-	31.10	5.80	32.02
PK	5.386G	73.60	74.00	-0.40	68.56	3	Vertical	246.7	2.05	-	31.32	5.80	32.08
AV	5.3732G	53.34	54.00	-0.66	48.37	3	Vertical	246.7	2.05	-	31.24	5.80	32.07
PK	5.4756G	61.33	68.20	-6.87	56.07	3	Vertical	246.7	2.05	-	31.50	5.88	32.12

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

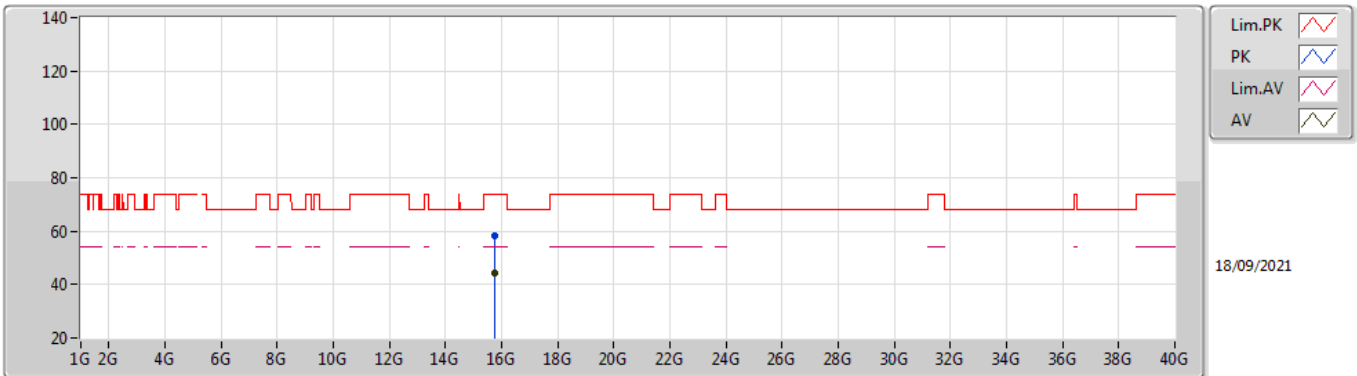


EUT_V_4TX
Setting 77
06-E-S-5-10
PCB35
ANT WU0514

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	5.1348G	63.86	74.00	-10.14	59.04	3	Horizontal	284	1.80	-	31.79	5.00	31.97
AV	5.146G	47.03	54.00	-6.97	42.28	3	Horizontal	284	1.80	-	31.72	5.00	31.97
PK	5.2436G	103.10	Inf	-Inf	98.98	3	Horizontal	284	1.80	-	31.14	5.00	32.02
AV	5.2468G	92.15	Inf	-Inf	88.05	3	Horizontal	284	1.80	-	31.12	5.00	32.02
PK	5.3796G	61.93	74.00	-12.07	57.73	3	Horizontal	284	1.80	-	31.28	5.00	32.08
AV	5.4116G	46.32	54.00	-7.68	41.98	3	Horizontal	284	1.80	-	31.42	5.01	32.09
PK	5.642G	56.88	68.20	-11.32	52.28	3	Horizontal	284	1.80	-	31.60	5.22	32.22

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

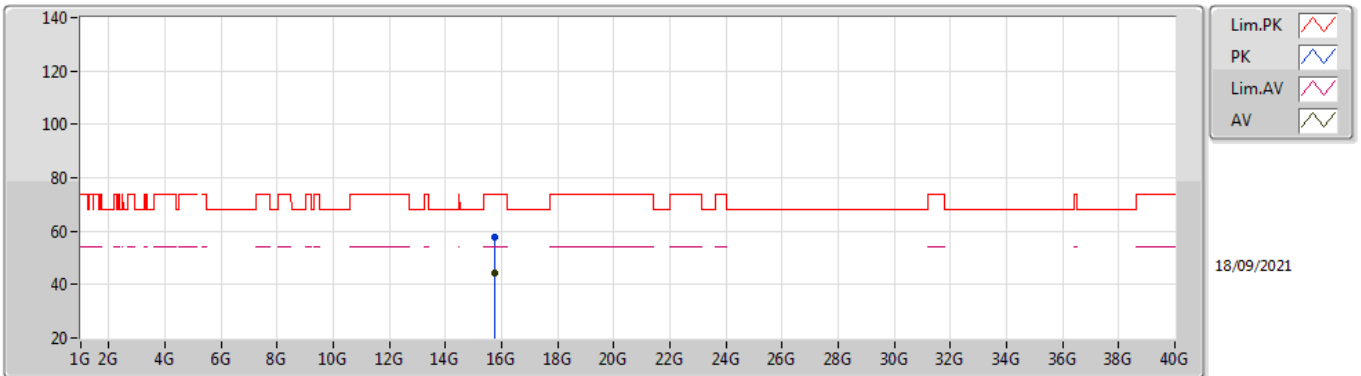


EUT Y_4TX
Setting 77
06-E-S-5
PCB35
ANT WU0514

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	15.746G	58.31	74.00	-15.69	44.36	3	Vertical	24	1.35	-	37.80	10.47	34.32
AV	15.75056G	44.53	54.00	-9.47	30.57	3	Vertical	24	1.35	-	37.80	10.48	34.32

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

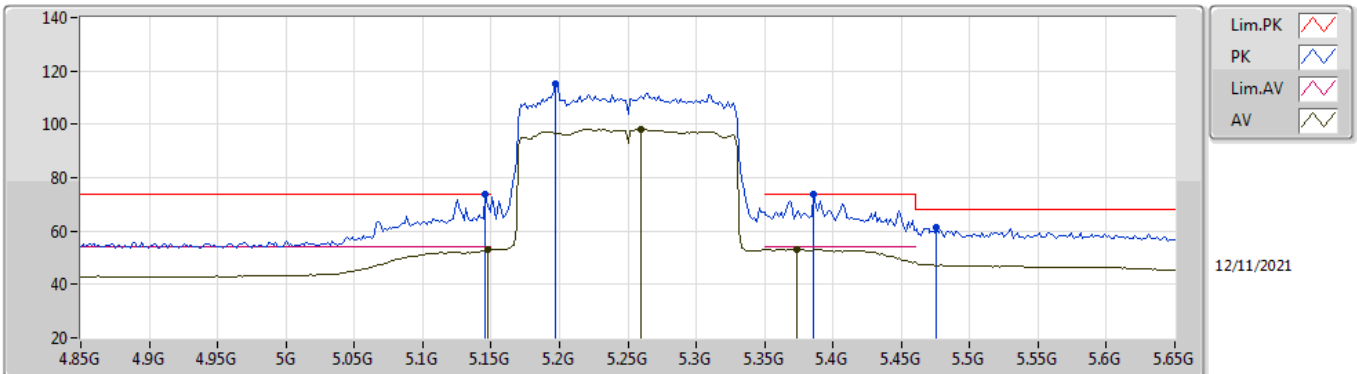


EUT Y_4TX
Setting 77
06-E-S-5
PCB35
ANT WU0514

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	15.74558G	57.56	74.00	-16.44	43.61	3	Horizontal	11	1.26	-	37.80	10.47	34.32
AV	15.74772G	44.46	54.00	-9.54	30.51	3	Horizontal	11	1.26	-	37.80	10.47	34.32

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

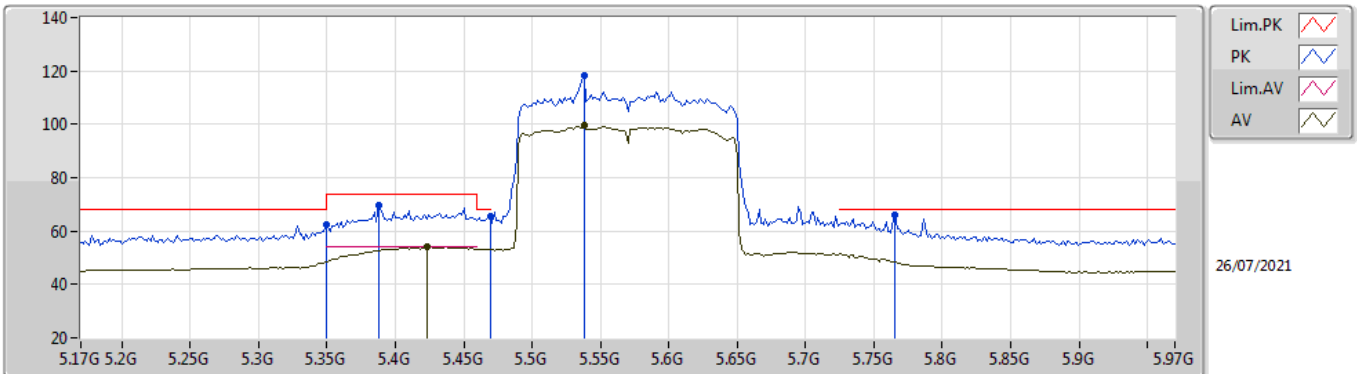


EUT Y_4TX
Setting 77
06-E-S-5-10
PCB35
ANT WU0514

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	73.85	74.00	-0.15	68.35	3	Vertical	246.7	2.05	-	31.72	5.75	31.97	
AV	5.1476G	52.90	54.00	-1.10	47.41	3	Vertical	246.7	2.05	-	31.71	5.75	31.97	
PK	5.1972G	115.33	Inf	-Inf	110.11	3	Vertical	246.7	2.05	-	31.42	5.80	32.00	
AV	5.2596G	98.20	Inf	-Inf	93.32	3	Vertical	246.7	2.05	-	31.10	5.80	32.02	
PK	5.386G	73.60	74.00	-0.40	68.56	3	Vertical	246.7	2.05	-	31.32	5.80	32.08	
AV	5.3732G	53.34	54.00	-0.66	48.37	3	Vertical	246.7	2.05	-	31.24	5.80	32.07	
PK	5.4756G	61.33	68.20	-6.87	56.07	3	Vertical	246.7	2.05	-	31.50	5.88	32.12	

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5570MHz_TnomVnom

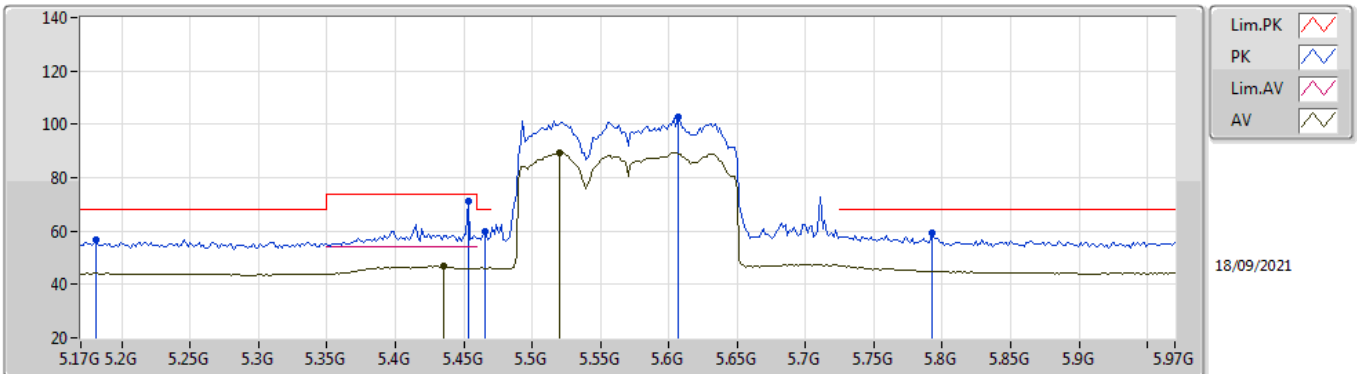


EUT_Y_4TX
Setting 74
06-E-B-4-10
PCB35
ANT WU0514

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	5.3492G	62.37	68.20	-5.83	58.13	3	Vertical	254	1.80	-	31.30	5.00	32.06
PK	5.3876G	69.45	74.00	-4.55	64.93	3	Vertical	254	1.80	-	31.60	5.00	32.08
AV	5.4228G	53.92	54.00	-0.08	49.30	3	Vertical	254	1.80	-	31.70	5.02	32.10
PK	5.4692G	65.41	68.20	-2.79	60.76	3	Vertical	254	1.80	-	31.70	5.07	32.12
PK	5.538G	118.39	Inf	-Inf	113.78	3	Vertical	254	1.80	-	31.62	5.14	32.15
AV	5.538G	99.45	Inf	-Inf	94.84	3	Vertical	254	1.80	-	31.62	5.14	32.15
PK	5.7652G	66.18	68.20	-2.02	61.29	3	Vertical	254	1.80	-	31.90	5.28	32.29

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5570MHz_TnomVnom

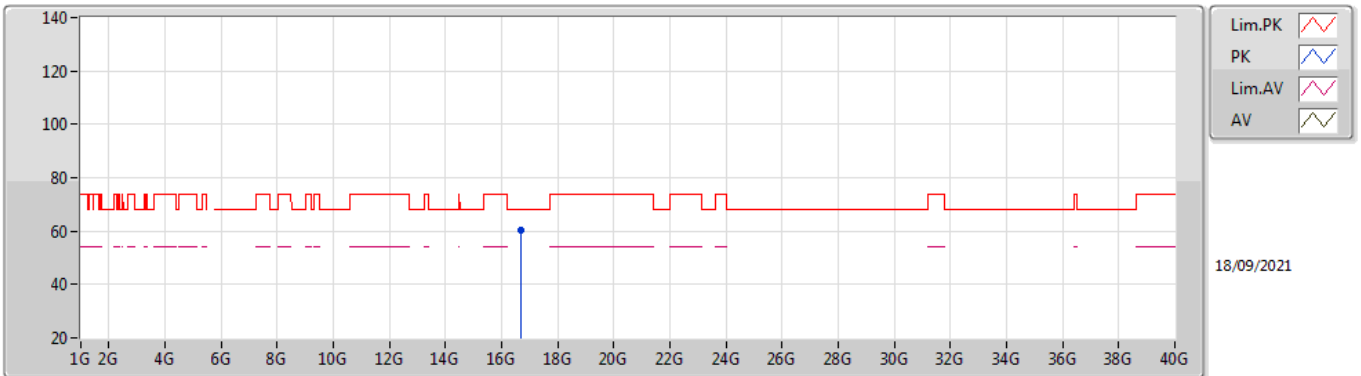


EUT Y_4TX
Setting 74
06-E-S-5-10
PCB35
ANT WU0514

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	5.1812G	56.82	68.20	-11.38	52.30	3	Horizontal	292.8	1.80	-	31.51	5.00	31.99
PK	5.4532G	71.13	74.00	-2.87	66.69	3	Horizontal	292.8	1.80	-	31.50	5.05	32.11
AV	5.4356G	46.75	54.00	-7.25	42.34	3	Horizontal	292.8	1.80	-	31.47	5.04	32.10
PK	5.466G	59.63	68.20	-8.57	55.18	3	Horizontal	292.8	1.80	-	31.50	5.07	32.12
AV	5.5204G	89.40	Inf	-Inf	84.92	3	Horizontal	292.8	1.80	-	31.50	5.12	32.14
PK	5.6068G	102.77	Inf	-Inf	98.16	3	Horizontal	292.8	1.80	-	31.60	5.20	32.19
PK	5.7924G	59.39	68.20	-8.81	54.40	3	Horizontal	292.8	1.80	-	32.00	5.30	32.31

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5570MHz_TnomVnom

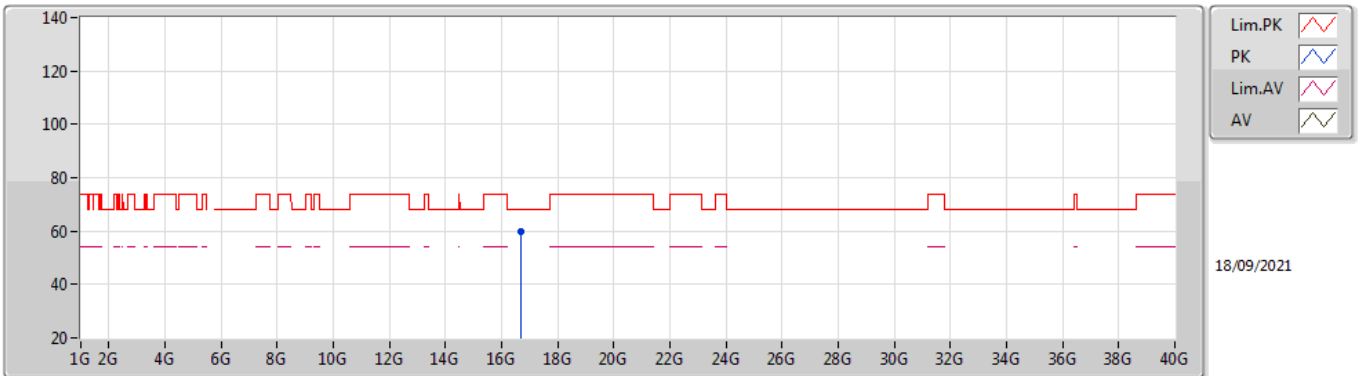


EUT Y_4TX
Setting 74
06-E-S-5
PCB35
ANT WU0514

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	16.70594G	60.49	68.20	-7.71	43.95	3	Vertical	51	2.90	-	39.94	11.09	34.49	

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5570MHz_TnomVnom



EUT Y_4TX
Setting 74
06-E-S-5
PCB35
ANT WU0514

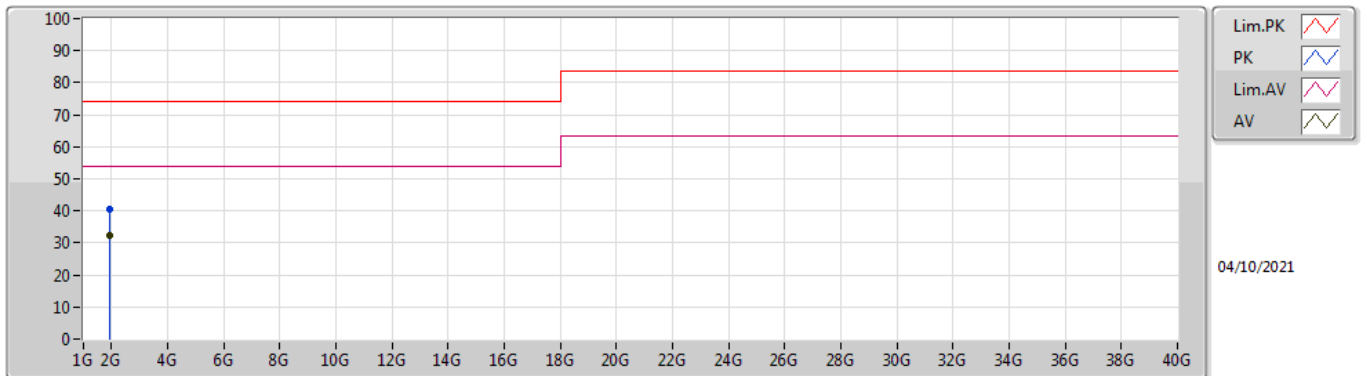
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	16.7115G	60.07	68.20	-8.13	43.49	3	Horizontal	267	1.10	-	39.97	11.10	34.49	



Summary

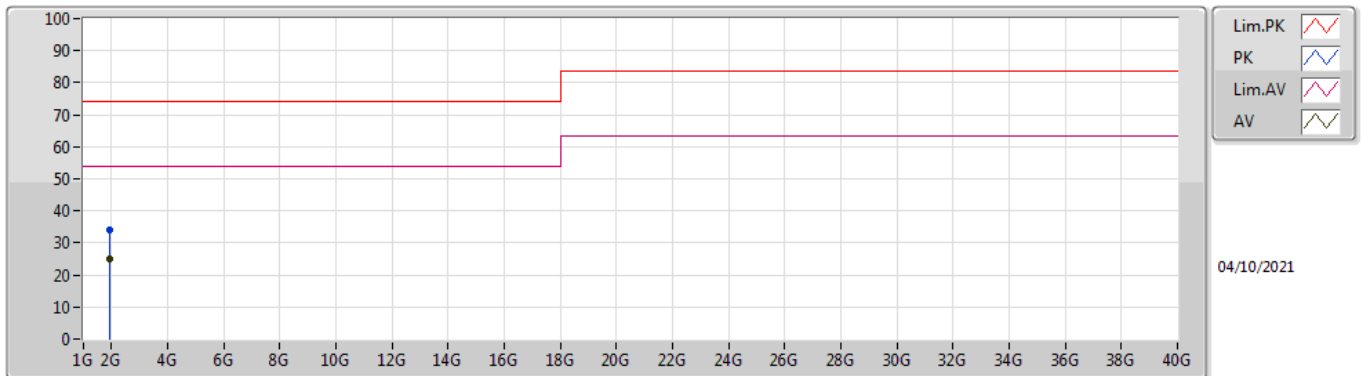
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.91153G	32.42	54.00	-21.58	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.9182G	40.36	74.00	-33.64	-7.51	3	Vertical	199	1.78	-	47.87	25.97	3.72	37.20
AV	1.91153G	32.42	54.00	-21.58	-7.55	3	Vertical	199	1.78	"Worst"	39.97	25.95	3.71	37.21

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.92005G	34.15	74.00	-39.85	-7.50	3	Horizontal	208	1.00	-	41.65	25.98	3.72	37.20
AV	1.91523G	25.20	54.00	-28.80	-7.53	3	Horizontal	208	1.00	"Worst"	32.73	25.96	3.72	37.21