RADIO TEST REPORT

FCC ID	:	2ABLK-GS4227W
Equipment	:	GigaSpire BLAST
Brand Name	:	Calix
Model Name	:	u6xw GS4227W
Applicant	:	Calix Inc. 1035 N. McDowell Blvd. Petaluma, CA94954 U.S.A.
Manufacturer	:	Calix Inc. 1035 N. McDowell Blvd. Petaluma, CA94954 U.S.A.
Standard	:	47 CFR FCC Part 15.407

The product was received on Jun. 30, 2021, and testing was started from Jun. 30, 2021 and completed on Aug. 11, 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: Sam Chen

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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History of this test report

Report No.	Version	Description	Issued Date
FR150310AB	01	Initial issue of report	Aug. 31, 2021

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	-

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: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 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	Type	Connector	Gain (dBi)	Remark
	2.4GHz	5GHz						
1	-	3	Hong Bo	290-50251	PCB	I-Pex	Note1	5G U-NII 1, U-NII 2A,U-NII 2C, U-NII 3
2	-	4	Hong Bo	290-50251	PCB	I-Pex		5G U-NII 1, U-NII 2A,U-NII 2C, U-NII 3
3	1	1	Hong Bo	290-50249	PCB	I-Pex		2.4G+5G U-NII 1, U-NII 2A,U-NII 2C, U-NII 3
4	2	2	Hong Bo	290-50250	PCB	I-Pex		2.4G+5G U-NII 1, U-NII 2A,U-NII 2C, U-NII 3

Note1:

Ant.	Gain (dBi)				
	2.4GHz	5GHz U-NII 1	5GHz U-NII 2A	5GHz U-NII 2C	5GHz U-NII 3
1	-	3.91	3.91	3.83	3.90
2	-	3.94	3.92	3.92	3.96
3	3.97	3.97	3.92	3.92	3.96
4	3.94	3.97	3.97	3.92	3.82
Directional Gain (dBi) (4T1S)	-	4.42	5.77	6.93	6.39
Directional Gain (dBi) (4T2S)	-	3.97	4.52	5.19	5.46
Directional Gain (dBi) (SDM 4T4S)	-	1.97	1.93	3.09	3.27

Note2: The above information was declared by manufacturer.
The EUT enables 2.4GHz and 5G U-NII 1, 3.
WLAN 2.4GHz: Maximum Directional Gain following KDB662911 D01
WLAN 5GHz: Maximum Directional Gain following KDB662911 D03
For WLAN 2.4GHz function, 802.11 b/g/n/VHT/ax mode (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For WLAN 5GHz UNII 1~3 function, 802.11a/n/ac/ax mode (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.

1.1.3 Mode Test Duty Cycle

For 4T1S:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.956	0.2	1.98m	1k
802.11ax HEW20-BF	0.929	0.32	1.815m	1k
802.11ax HEW40-BF	0.922	0.35	1.815m	1k
802.11ax HEW80-BF	0.934	0.3	1.943m	1k

For 4T4S:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.953	0.21	5.488m	300
802.11ax HEW40	0.966	0.15	5.455m	300
802.11ax HEW80	0.961	0.17	5.455m	300

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter or UPS(only during power outages)			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	For 802.11n/VHT/ax in 2.4GHz and 802.11n/ac/ax in 5GHz			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	QSPR V5.0-00196、DOS [ver 6.1.7601]			

Note: 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 D01 v02r01
- 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 (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) 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	TH02-CB	Paul Chen	23.7~25.5 / 64~67	Jul. 14, 2021~ Jul. 24, 2021
Radiated (below 1GHz)	03CH03-CB	Bruce Yang	24.5-25.6 / 55-58	Jul. 01, 2021~ Aug. 10, 2021
Radiated (above 1GHz)	03CH01-CB	Ken Yeh	23.9-26.1 / 55-58	Jun. 30, 2021~ Aug. 10, 2021
	03CH03-CB	Ken Yeh	23.5-24.6 / 55-59	Jun. 30, 2021~ Aug. 10, 2021
	03CH04-CB	Ken Yeh	24.8-25.9 / 55-58	Jun. 30, 2021~ Aug. 10, 2021
Radiated (Co-location)	03CH05-CB	Ken Yeh	24.1-25.3 / 55-59	Aug. 11, 2021
AC Conduction	CO01-CB	Peter Wu	22~23 / 60~61	Jul. 27, 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

For 4T1S:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	20.5
5200MHz	23.5
5240MHz	23.5
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	27
5200MHz	30
5240MHz	29
5745MHz	30
5785MHz	30
5825MHz	30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	23
5230MHz	29
5755MHz	29
5795MHz	29
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	22
5775MHz	27

For 4T4S:

Mode	Power Setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-
5180MHz	21
5200MHz	24.5
5240MHz	25
5745MHz	24
5785MHz	24
5825MHz	25
802.11ax HEW40_Nss4,(MCS0)_4TX	-
5190MHz	17
5230MHz	23
5755MHz	24
5795MHz	24
802.11ax HEW80_Nss4,(MCS0)_4TX	-
5210MHz	16.5
5775MHz	21

Note:
- HEW20/HEW40/HEW80 covers HT20/HT40/VHT20/VHT40/VHT80, due to similar modulation. The power setting for HT20/HT40/VHT20/VHT40/VHT80 are the same or lower than HEW20/HEW40 /HEW80
- 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, only beamforming mode has been selected to test and record in this test report.

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 + UPS Standby + Fiber Module-10G Ethernet transceiver + powered from adapter
2	EUT + UPS Standby + Fiber Module-1G Ethernet transceiver + powered from adapter
3	EUT + UPS Standby + Fiber Module-XGS PON + powered from adapter
4	EUT + UPS Standby + Fiber Module-AE module 20Km RT + powered from adapter
5	EUT + UPS Standby + Fiber Module-AE module 60Km RT + powered from adapter
For operating mode 5 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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	EUT + UPS Standby + WLAN 2.4GHz + powered from adapter
2	EUT + UPS Standby + WLAN 5GHz + powered from adapter
Mode 2 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 + WLAN 5GHz + powered from UPS
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX

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
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA150310 for Co-location RF Exposure Evaluation.	

Note1: The EUT can only be used at Z axis position.
Note2: The Fiber Module is for measurement only, would not be marketed.

Fiber Module	Brand	Model
10G Ethernet transceiver	CTST	THCPRJ-0088-0AAE
1G Ethernet transceiver	CTST	THCPRJ-00MM-0ADI
XGS PON	N/A	N/A
AE module 20Km RT	EZcom	ETB43334-7TB4-CA
AE module 60Km RT	EZcom	ETB43334-7T44-CA

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	Ktec	KSA-42D-120300VU	Input:100-240V~50/60Hz, 1.2A Output:12V, 3.0A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	10G PC	DELL	T3400	N/A
B	Phone	SAMPO	HT-B 907WL	N/A
C	Phone	SAMPO	HT-B 907WL	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	LAN NB	DELL	E6430	N/A
G	Flash disk3.0	Transcend	JetFlash-700	N/A
H	UPS	CyberPower	DTC36U12V3-G(UL62368)	N/A
I	AE module 60Km RT	Ezcom	ETB43334-7T44-CA	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	UPS	CyberPower	DTC36U12V3-G(UL62368)	N/A

For Radiated (above 1GHz) and RF Conducted:
For non-beamforming mode

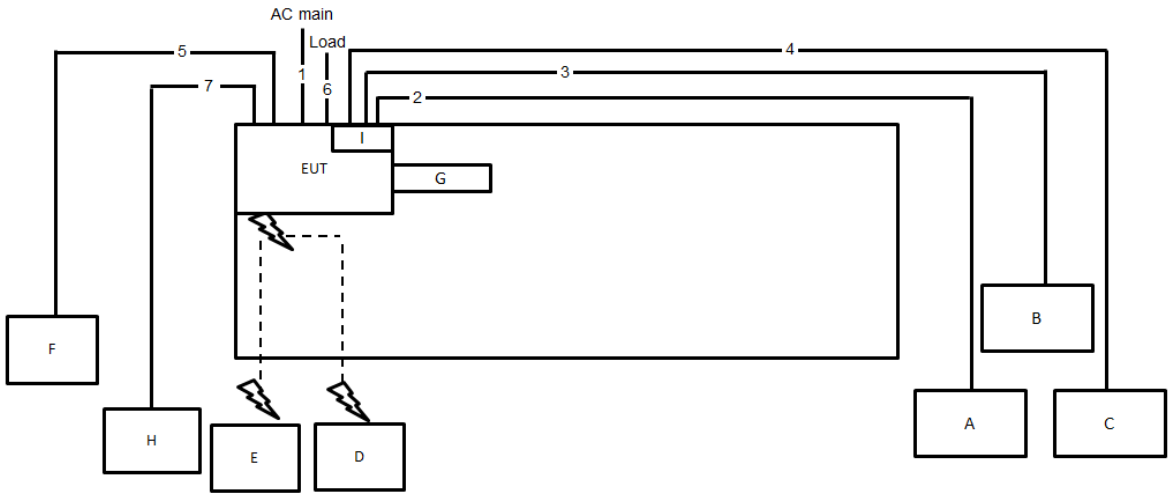
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

For beamforming mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	cyberTAN	Calix Emerald 2	N/A

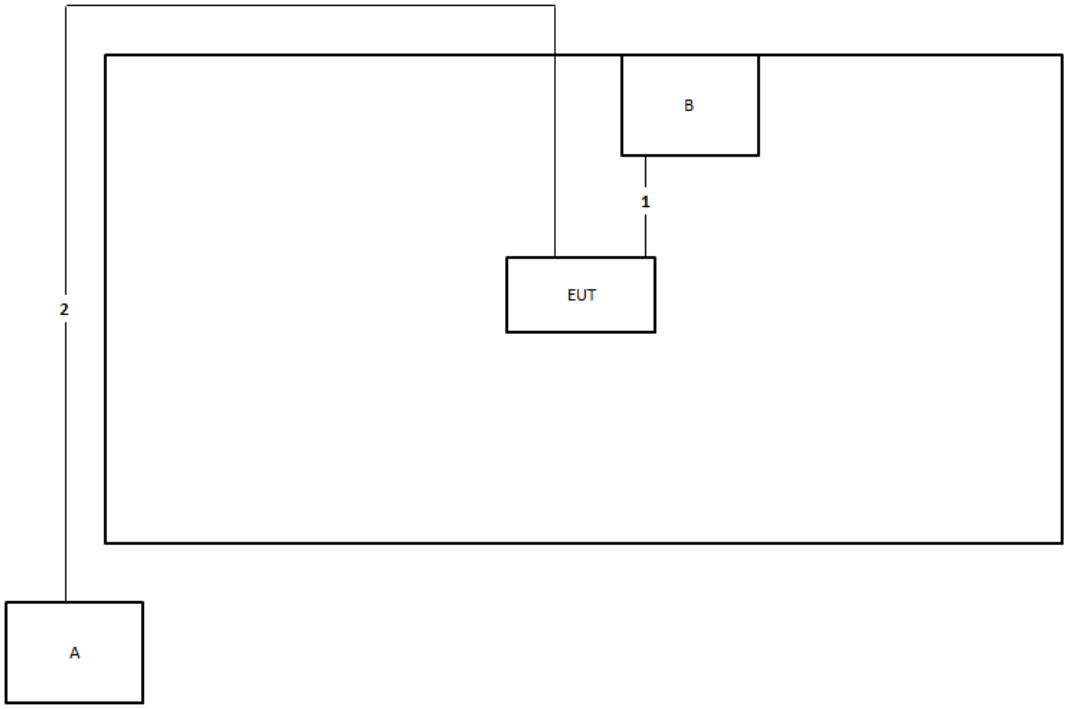
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	RJ-45 cable	No	10m
3	RJ-11 cable	No	10m
4	RJ-11 cable	No	10m
5	RJ-45 cable	No	10m
6	RJ-45 cable*3	No	1.5m
7	UPS Power cable	No	3m

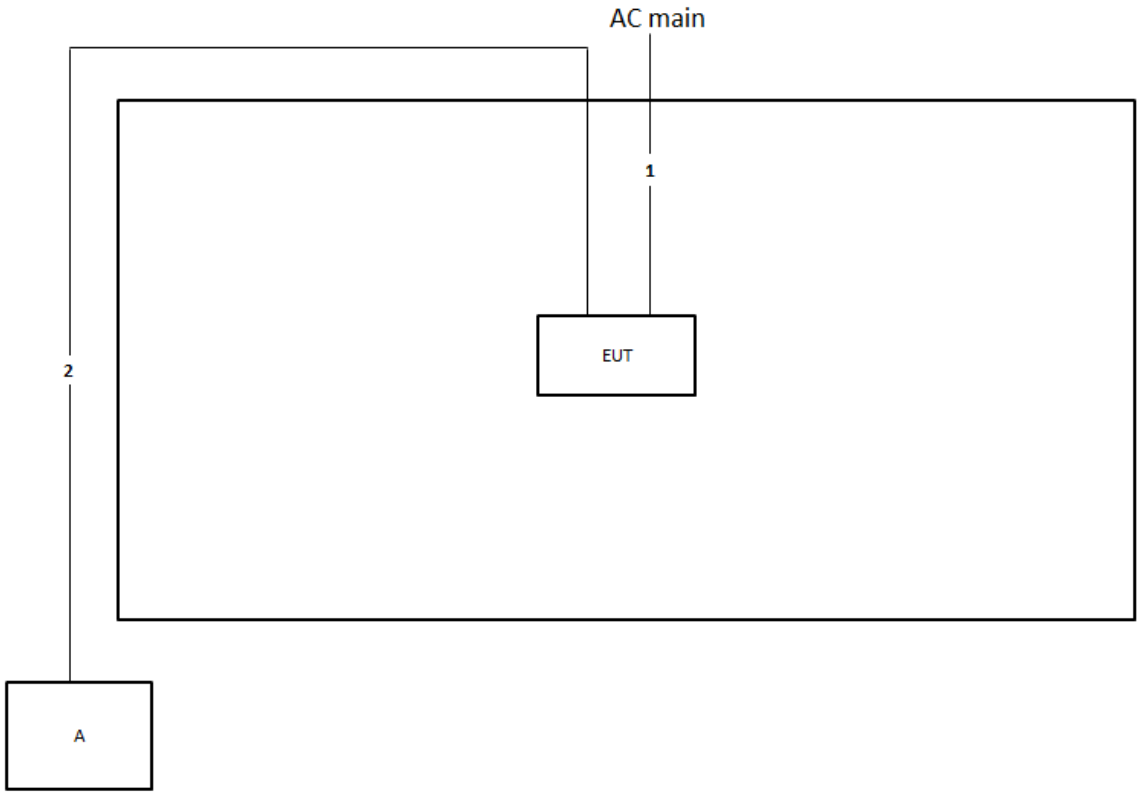
Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz

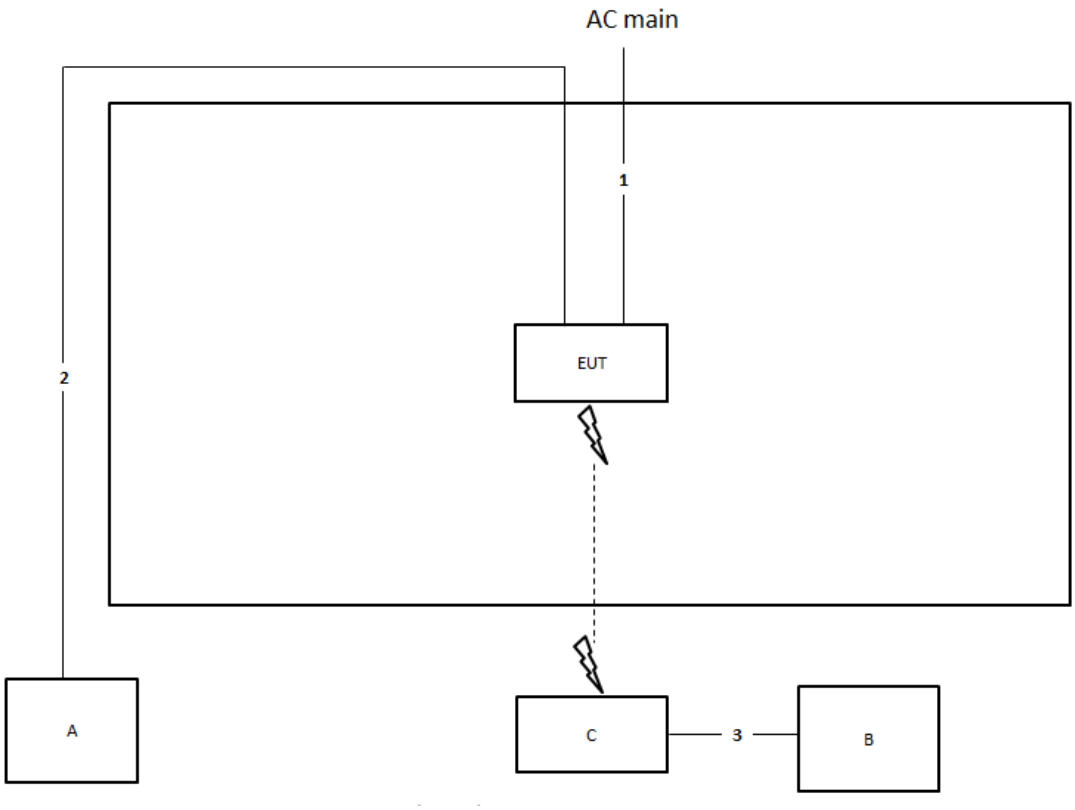
For non-beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	1.2m
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

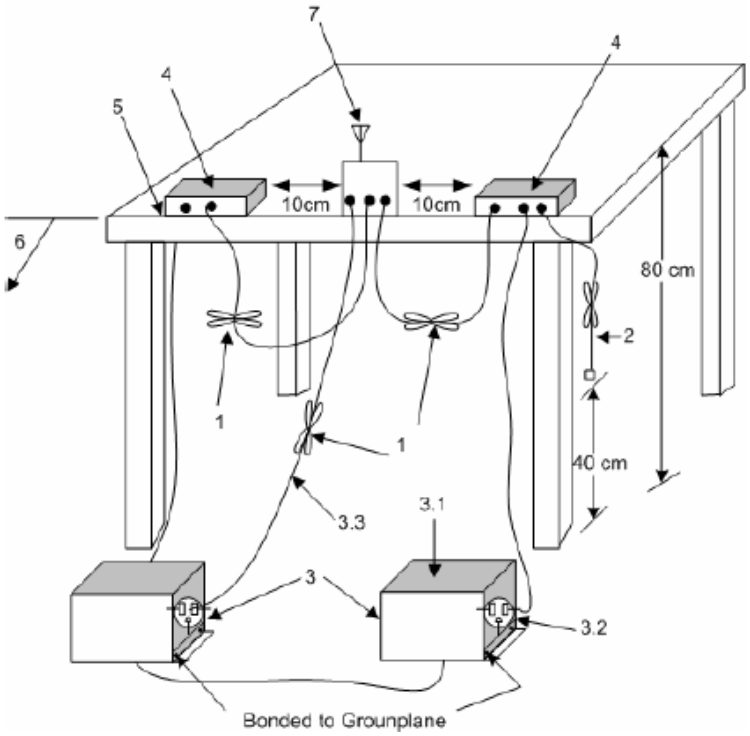
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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 ≥ 500kHz.
☐	For the 5.85-5.895 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

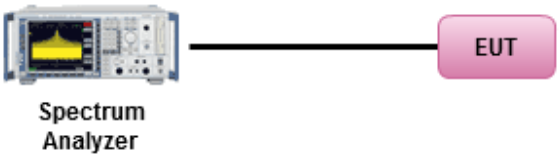
3.2.2 Measuring Instruments

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

Emission Bandwidth
 Spectrum Analyzer

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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Power Meter)


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° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	

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

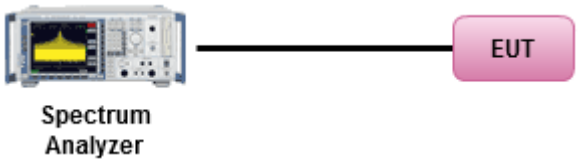
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


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

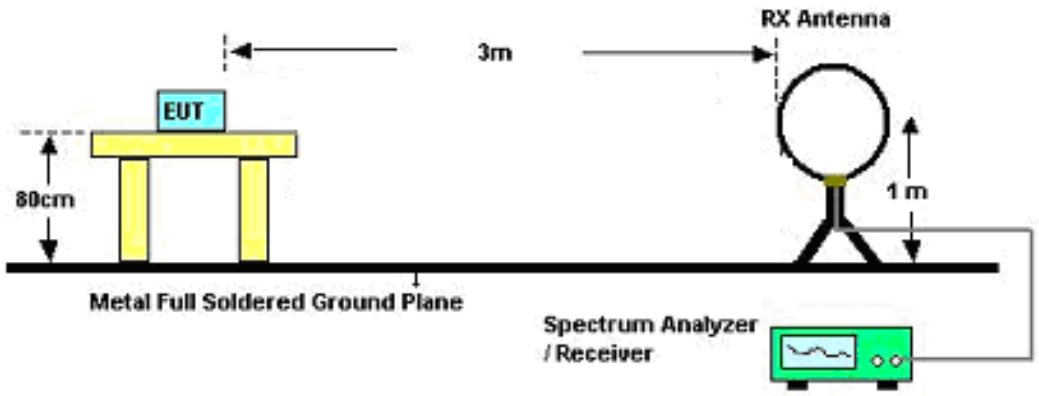
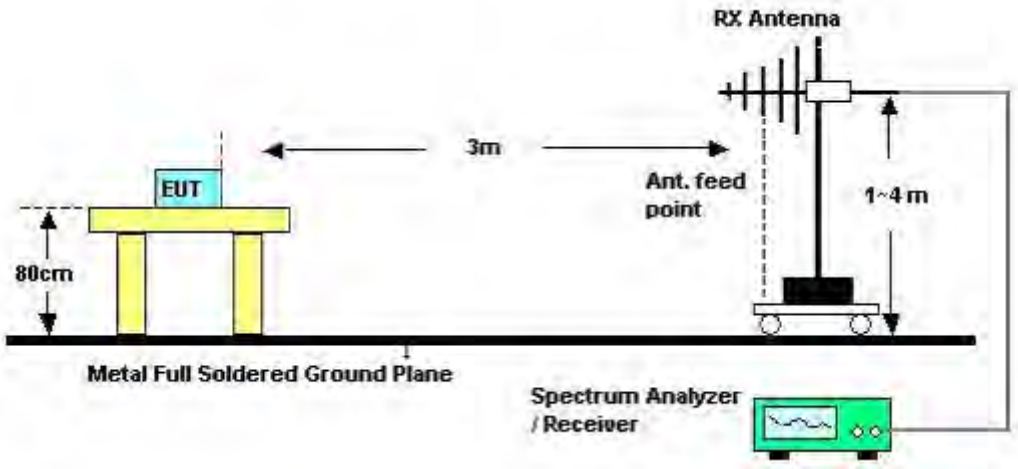
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

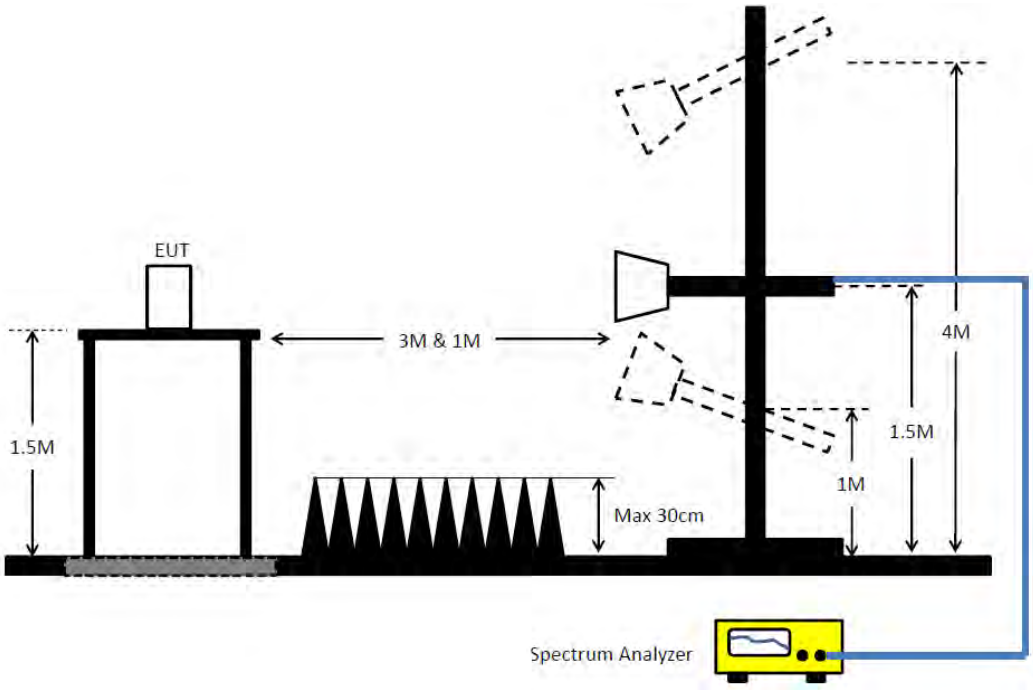
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies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

Test Method
▪ 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

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 27, 2021	Jan. 26, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 06, 2021	May 05, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 11, 2021	Jan. 10, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH03-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 05, 2020	Sep. 04, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
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	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 23, 2020	Oct. 22, 2021	Radiation (03CH04-CB
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 14, 2020	Jul. 13, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Feb. 19, 2021	Feb. 18, 2022	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB

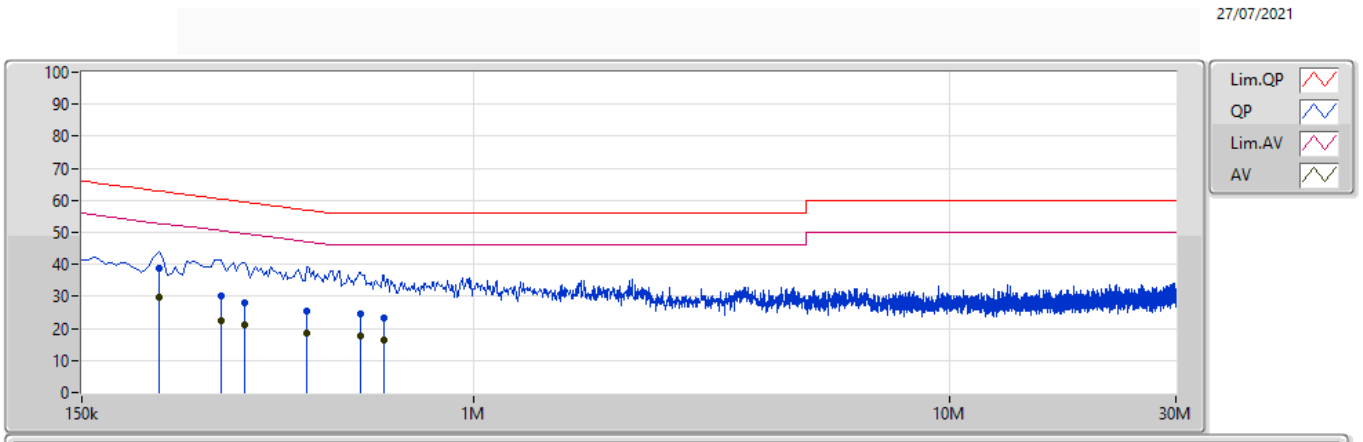
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 27, 2020	Jul. 26, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

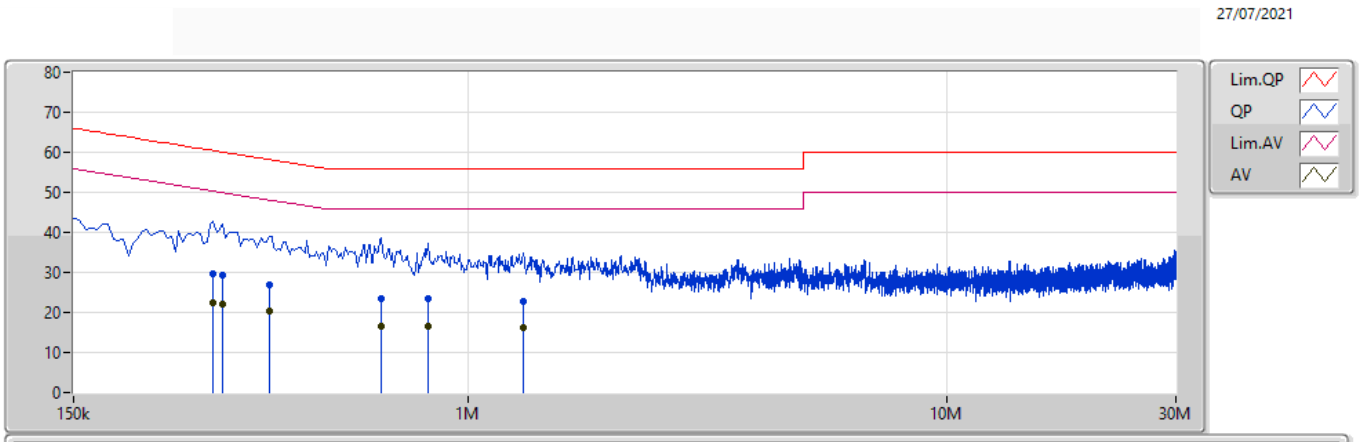
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 5	Pass	AV	217.5k	29.79	52.92	-23.13	Line



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	38.64	62.92	-24.28	9.89	Line	-	28.75	0.04	0.04	9.81
AV	217.5k	29.79	52.92	-23.13	9.89	Line	"Worst"	19.90	0.04	0.04	9.81
QP	294k	30.08	60.42	-30.34	9.90	Line	-	20.18	0.04	0.04	9.82
AV	294k	22.59	50.42	-27.83	9.90	Line	-	12.69	0.04	0.04	9.82
QP	330k	28.08	59.44	-31.36	9.90	Line	-	18.18	0.04	0.04	9.82
AV	330k	21.19	49.44	-28.25	9.90	Line	-	11.29	0.04	0.04	9.82
QP	447k	25.45	56.94	-31.49	9.90	Line	-	15.55	0.04	0.04	9.82
AV	447k	18.64	46.94	-28.30	9.90	Line	-	8.74	0.04	0.04	9.82
QP	577.5k	24.76	56.00	-31.24	9.91	Line	-	14.85	0.05	0.04	9.82
AV	577.5k	17.86	46.00	-28.14	9.91	Line	-	7.95	0.05	0.04	9.82
QP	649.5k	23.37	56.00	-32.63	9.92	Line	-	13.45	0.05	0.04	9.83
AV	649.5k	16.52	46.00	-29.48	9.92	Line	-	6.60	0.05	0.04	9.83



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	294k	29.50	60.42	-30.92	9.89	Neutral	-	19.61	0.03	0.04	9.82			
AV	294k	22.52	50.42	-27.90	9.89	Neutral	-	12.63	0.03	0.04	9.82			
QP	307.5k	29.16	60.03	-30.87	9.89	Neutral	-	19.27	0.03	0.04	9.82			
AV	307.5k	22.17	50.03	-27.86	9.89	Neutral	"Worst"	12.28	0.03	0.04	9.82			
QP	384k	27.00	58.20	-31.20	9.89	Neutral	-	17.11	0.03	0.04	9.82			
AV	384k	20.24	48.20	-27.96	9.89	Neutral	-	10.35	0.03	0.04	9.82			
QP	658.5k	23.35	56.00	-32.65	9.91	Neutral	-	13.44	0.04	0.04	9.83			
AV	658.5k	16.43	46.00	-29.57	9.91	Neutral	-	6.52	0.04	0.04	9.83			
QP	825k	23.38	56.00	-32.62	9.92	Neutral	-	13.46	0.05	0.04	9.83			
AV	825k	16.48	46.00	-29.52	9.92	Neutral	-	6.56	0.05	0.04	9.83			
QP	1.307M	22.77	56.00	-33.23	9.94	Neutral	-	12.83	0.06	0.05	9.83			
AV	1.307M	16.15	46.00	-29.85	9.94	Neutral	-	6.21	0.06	0.05	9.83			

For 4T1S:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.79M	16.582M	16M6D1D	19.35M	16.402M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.32M	19.04M	19M0D1D	21.39M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	47.34M	38.021M	38M0D1D	40.8M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.24M	77.481M	77M5D1D	81M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	16.582M	16M6D1D	15.51M	16.462M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	18.981M	19M0D1D	18.42M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.92M	38.021M	38M0D1D	33.78M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.32M	77.481M	77M5D1D	66.24M	77.121M

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

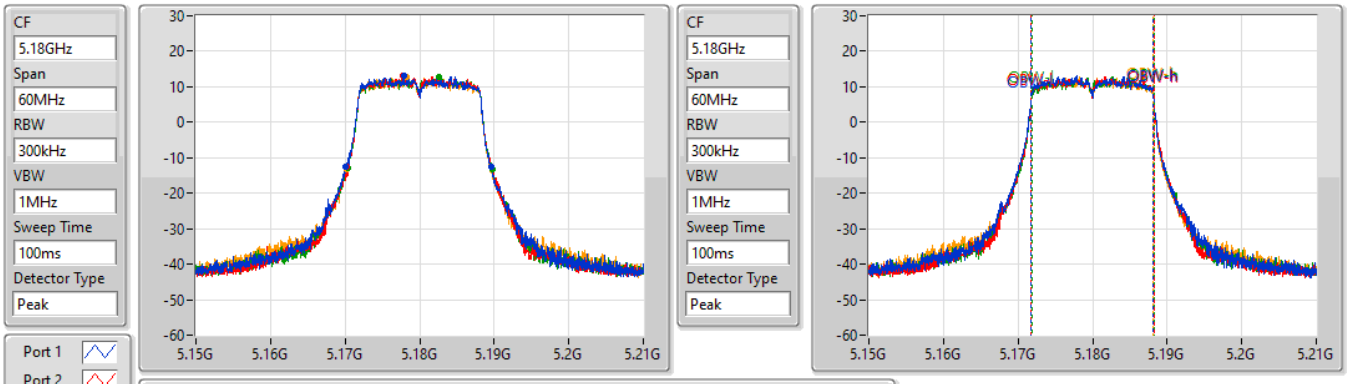
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.47M	16.462M	19.35M	16.462M	19.41M	16.402M	19.5M	16.432M
5200MHz	Pass	Inf	20.79M	16.582M	19.92M	16.522M	20.61M	16.522M	20.64M	16.522M
5240MHz	Pass	Inf	20.61M	16.492M	20.61M	16.522M	19.77M	16.462M	19.41M	16.462M
5745MHz	Pass	500k	16.32M	16.552M	16.29M	16.522M	15.51M	16.462M	16.29M	16.492M
5785MHz	Pass	500k	16.29M	16.552M	16.32M	16.522M	16.29M	16.492M	16.35M	16.522M
5825MHz	Pass	500k	16.32M	16.552M	16.29M	16.522M	16.29M	16.582M	16.32M	16.522M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.48M	18.921M	21.42M	18.921M	21.45M	18.921M	21.39M	18.951M
5200MHz	Pass	Inf	28.32M	19.04M	23.88M	18.981M	23.19M	18.951M	21.6M	18.981M
5240MHz	Pass	Inf	21.72M	18.951M	21.78M	18.981M	21.78M	18.921M	21.45M	18.921M
5745MHz	Pass	500k	18.9M	18.951M	19.05M	18.951M	18.42M	18.951M	18.84M	18.951M
5785MHz	Pass	500k	18.72M	18.921M	18.93M	18.951M	18.54M	18.981M	18.93M	18.981M
5825MHz	Pass	500k	18.72M	18.981M	18.75M	18.921M	18.63M	18.951M	18.93M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.8M	37.901M	40.86M	37.901M	41.34M	37.961M	40.92M	37.841M
5230MHz	Pass	Inf	41.88M	37.961M	41.1M	38.021M	47.34M	37.961M	40.8M	37.841M
5755MHz	Pass	500k	37.92M	37.961M	37.62M	37.961M	37.62M	37.961M	37.86M	37.901M
5795MHz	Pass	500k	33.78M	38.021M	34.98M	37.961M	37.8M	37.961M	37.86M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	77.241M	81M	77.121M	81.24M	77.481M	81.24M	77.481M
5775MHz	Pass	500k	74.4M	77.481M	66.24M	77.241M	75.48M	77.121M	76.32M	77.481M

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

5180MHz

07/07/2021

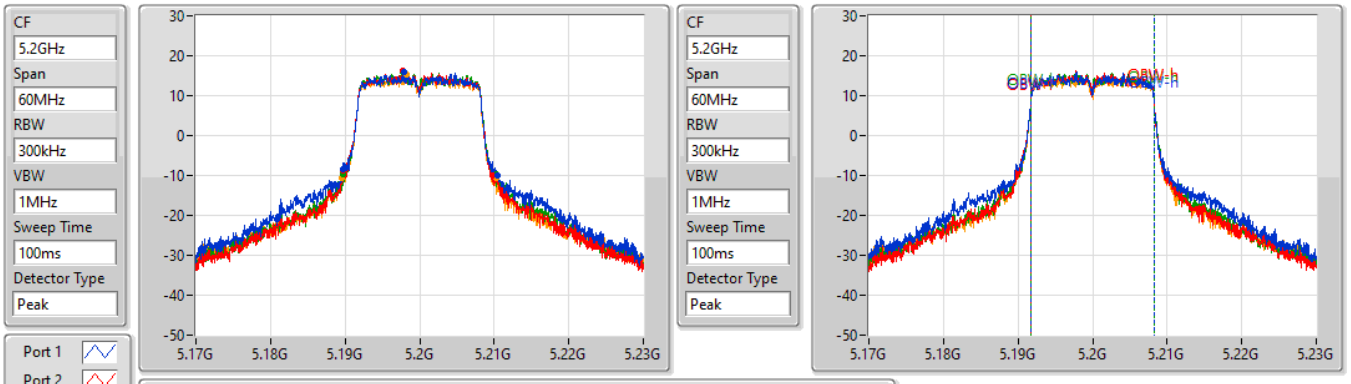


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.47M	5.1701G	5.18957G	16.462M	5.171724G	5.188186G	Inf	1
19.35M	5.17025G	5.1896G	16.462M	5.171754G	5.188216G	Inf	2
19.41M	5.17031G	5.18972G	16.402M	5.171814G	5.188216G	Inf	3
19.5M	5.17019G	5.18969G	16.432M	5.171754G	5.188186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

07/07/2021

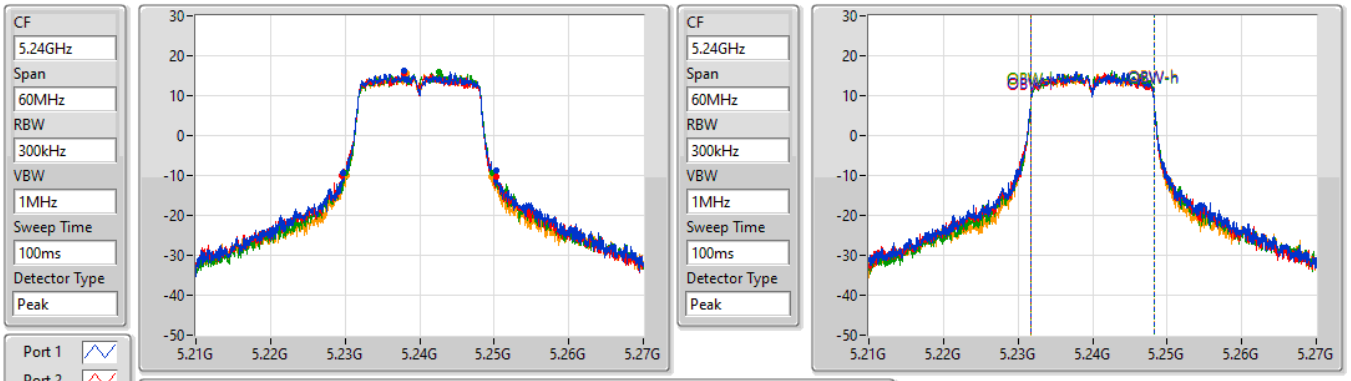


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.18965G	5.21044G	16.582M	5.191664G	5.208246G	Inf	1
19.92M	5.1898G	5.20972G	16.522M	5.191694G	5.208216G	Inf	2
20.61M	5.18971G	5.21032G	16.522M	5.191724G	5.208246G	Inf	3
20.64M	5.18962G	5.21026G	16.522M	5.191694G	5.208216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

07/07/2021

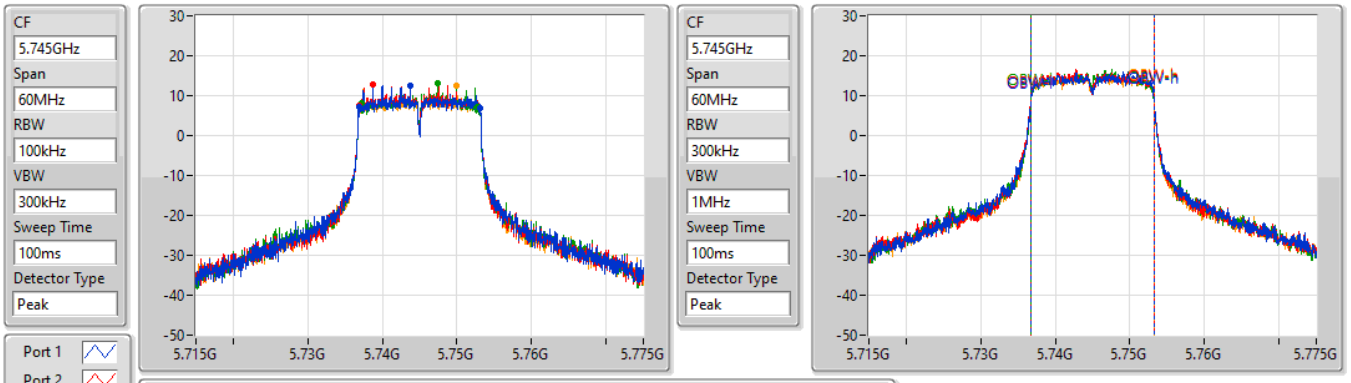


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.22968G	5.25029G	16.492M	5.231724G	5.248216G	Inf	1
20.61M	5.22959G	5.2502G	16.522M	5.231694G	5.248216G	Inf	2
19.77M	5.23001G	5.24978G	16.462M	5.231784G	5.248246G	Inf	3
19.41M	5.23016G	5.24957G	16.462M	5.231754G	5.248216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

07/07/2021



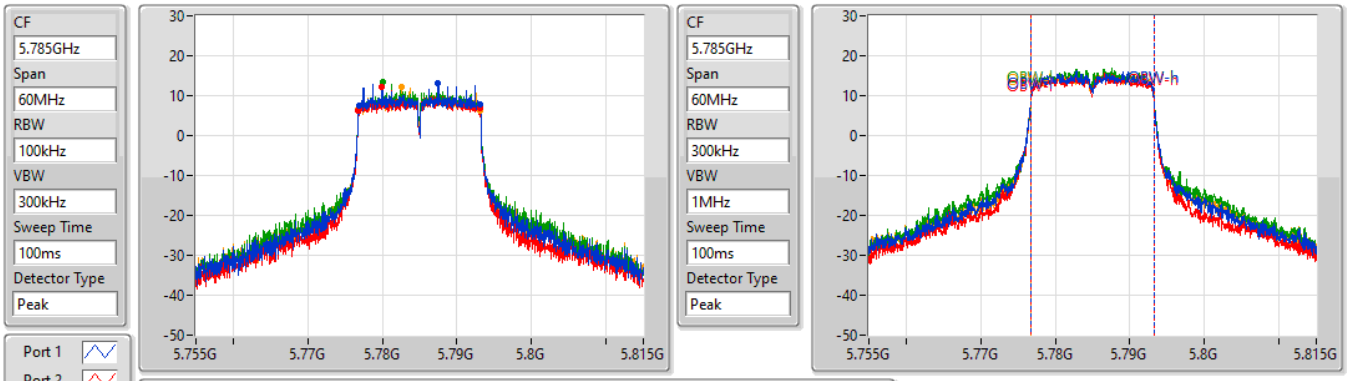
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73684G	5.75316G	16.552M	5.736694G	5.753246G	500k	1
16.29M	5.73684G	5.75313G	16.522M	5.736694G	5.753216G	500k	2
15.51M	5.73723G	5.75274G	16.462M	5.736754G	5.753216G	500k	3
16.29M	5.73684G	5.75313G	16.492M	5.736724G	5.753216G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

07/07/2021



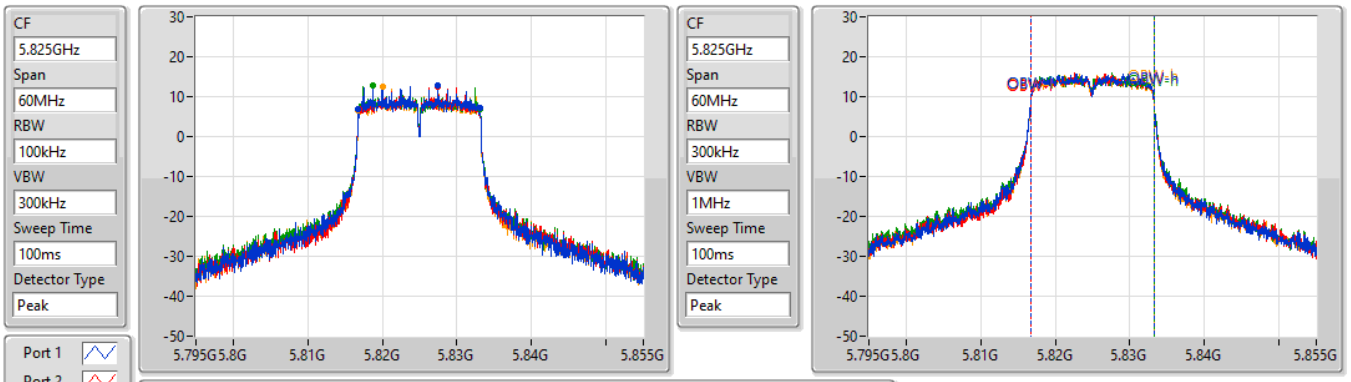
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77684G	5.79313G	16.552M	5.776664G	5.793216G	500k	1
16.32M	5.77681G	5.79313G	16.522M	5.776694G	5.793216G	500k	2
16.29M	5.77684G	5.79313G	16.492M	5.776754G	5.793246G	500k	3
16.35M	5.77681G	5.79316G	16.522M	5.776724G	5.793246G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

07/07/2021

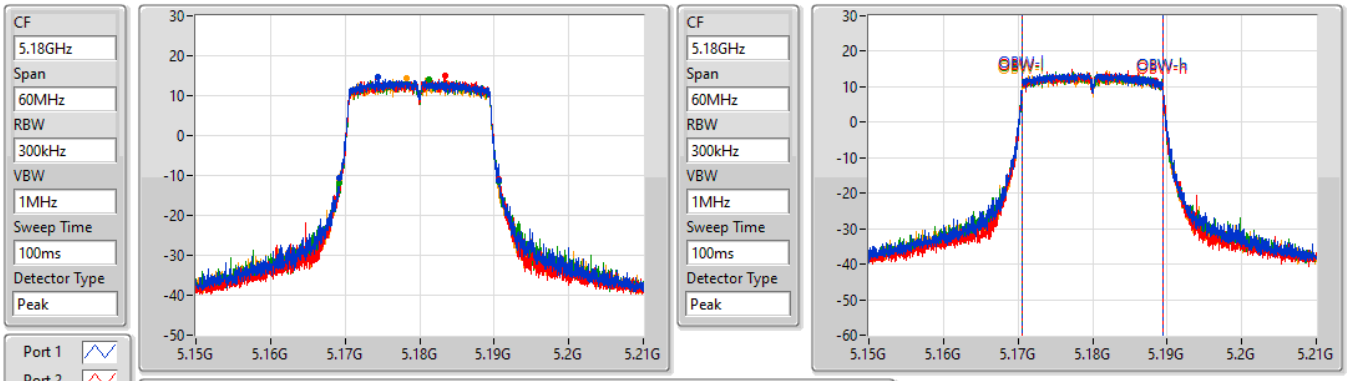


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81681G	5.83313G	16.552M	5.816664G	5.833216G	500k	1
16.29M	5.81684G	5.83313G	16.522M	5.816694G	5.833216G	500k	2
16.29M	5.81681G	5.8331G	16.582M	5.816664G	5.833246G	500k	3
16.32M	5.81681G	5.83313G	16.522M	5.816694G	5.833216G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

07/07/2021

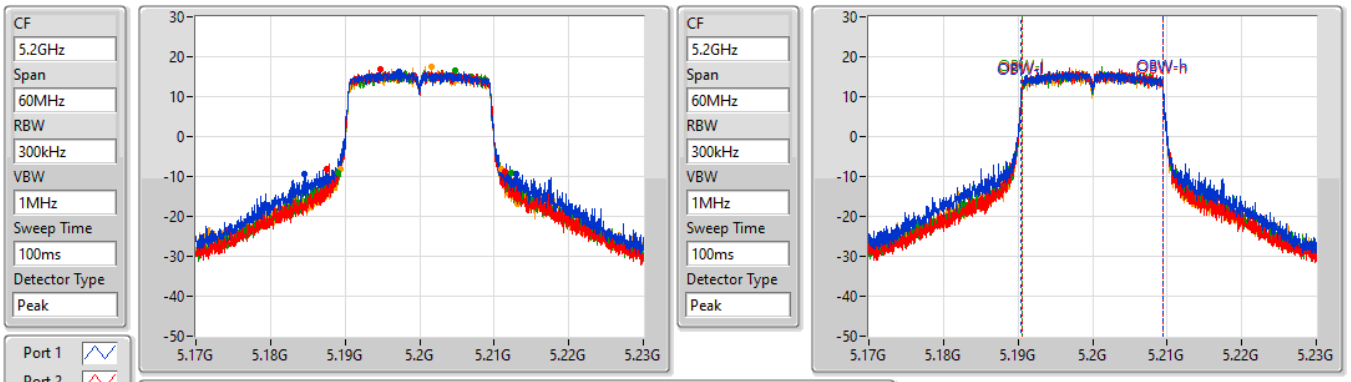


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.16914G	5.19062G	18.921M	5.170525G	5.189445G	Inf	1
21.42M	5.16914G	5.19056G	18.921M	5.170525G	5.189445G	Inf	2
21.45M	5.16923G	5.19068G	18.921M	5.170525G	5.189445G	Inf	3
21.39M	5.16926G	5.19065G	18.951M	5.170495G	5.189445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

07/07/2021

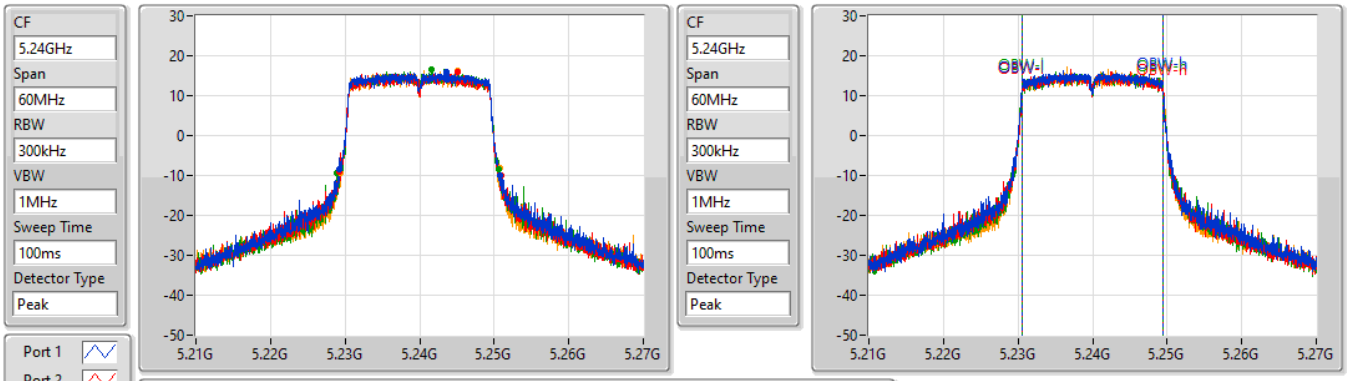


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.32M	5.18458G	5.2129G	19.04M	5.190465G	5.209505G	Inf	1
23.88M	5.18758G	5.21146G	18.981M	5.190495G	5.209475G	Inf	2
23.19M	5.18902G	5.21221G	18.951M	5.190525G	5.209475G	Inf	3
21.6M	5.18938G	5.21098G	18.981M	5.190495G	5.209475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

07/07/2021

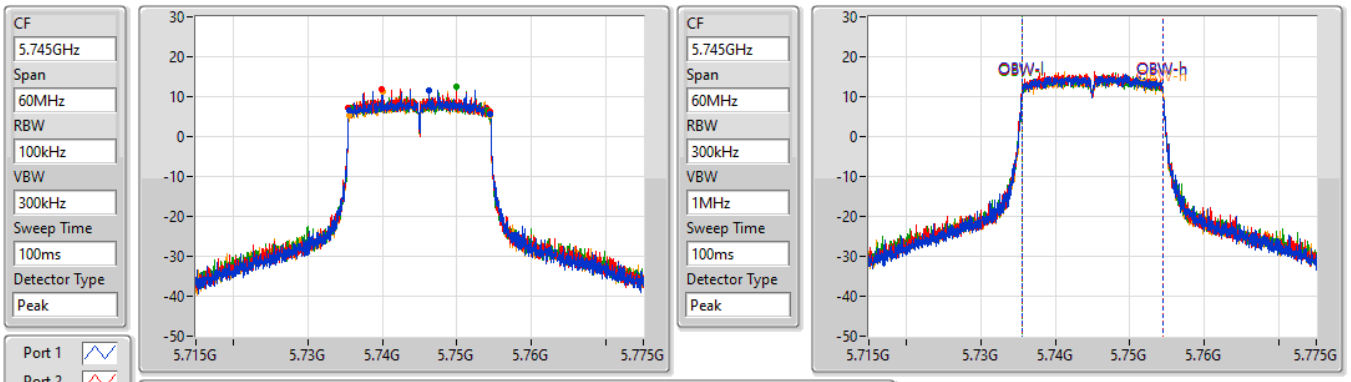


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.22914G	5.25086G	18.951M	5.230495G	5.249445G	Inf	1
21.78M	5.22914G	5.25092G	18.981M	5.230495G	5.249475G	Inf	2
21.78M	5.22887G	5.25065G	18.921M	5.230525G	5.249445G	Inf	3
21.45M	5.22938G	5.25083G	18.921M	5.230525G	5.249445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

07/07/2021

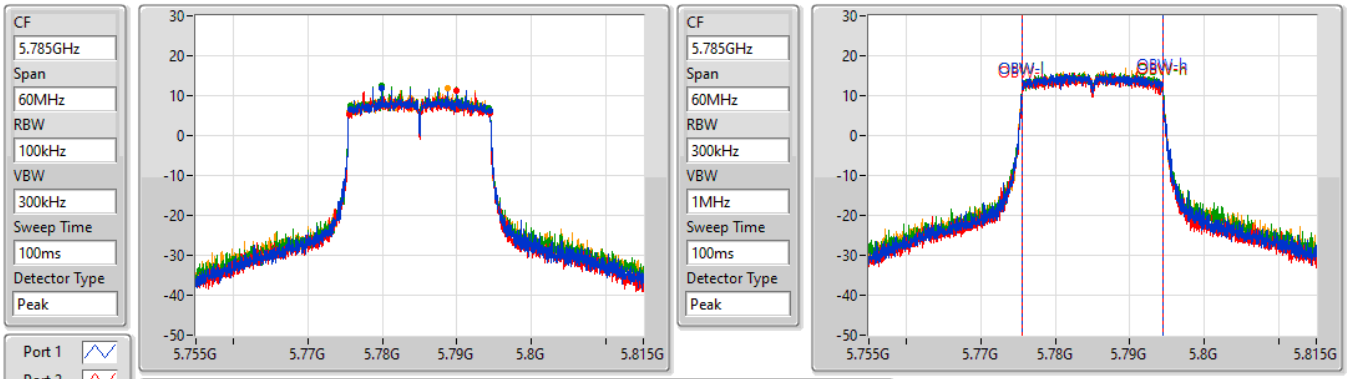


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.73558G	5.75448G	18.951M	5.735525G	5.754475G	500k	1
19.05M	5.73546G	5.75451G	18.951M	5.735495G	5.754445G	500k	2
18.42M	5.73576G	5.75418G	18.951M	5.735495G	5.754445G	500k	3
18.84M	5.73558G	5.75442G	18.951M	5.735525G	5.754475G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

07/07/2021

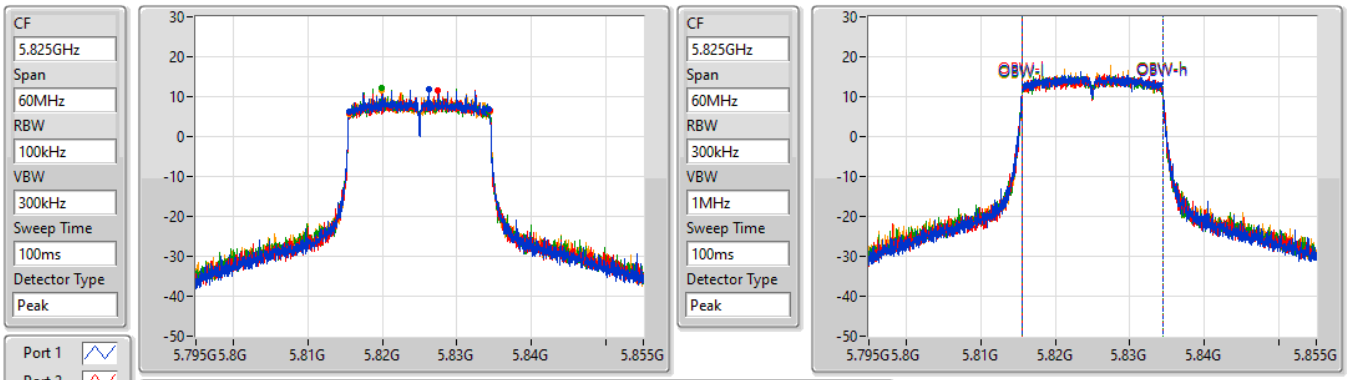


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.72M	5.7757G	5.79442G	18.921M	5.775525G	5.794445G	500k	1
18.93M	5.77555G	5.79448G	18.951M	5.775495G	5.794445G	500k	2
18.54M	5.775576G	5.7943G	18.981M	5.775495G	5.794475G	500k	3
18.93M	5.77549G	5.79442G	18.981M	5.775495G	5.794475G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

07/07/2021

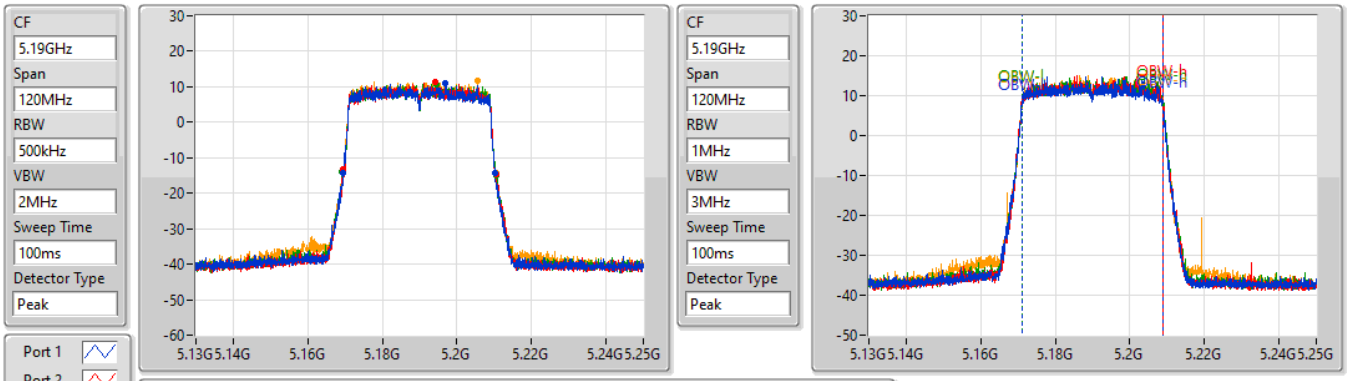


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.72M	5.81561G	5.83433G	18.981M	5.815495G	5.834475G	500k	1
18.75M	5.81564G	5.83439G	18.921M	5.815525G	5.834445G	500k	2
18.63M	5.81561G	5.83424G	18.951M	5.815495G	5.834445G	500k	3
18.93M	5.81549G	5.83442G	18.951M	5.815495G	5.834445G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

13/07/2021

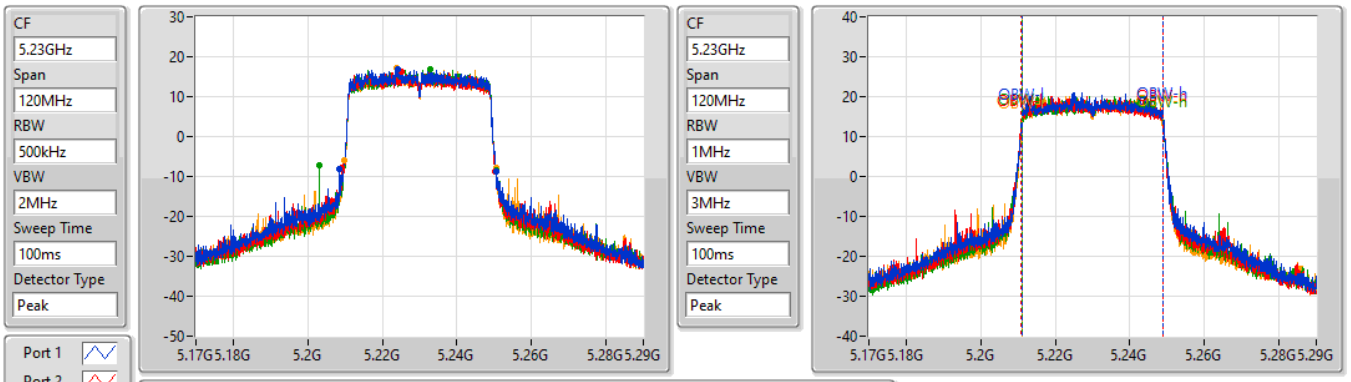


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.16942G	5.21022G	37.901M	5.17099G	5.208891G	Inf	1
40.86M	5.1696G	5.21046G	37.901M	5.171049G	5.208951G	Inf	2
41.34M	5.16924G	5.21058G	37.961M	5.171049G	5.20901G	Inf	3
40.92M	5.16948G	5.2104G	37.841M	5.171049G	5.208891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

07/07/2021



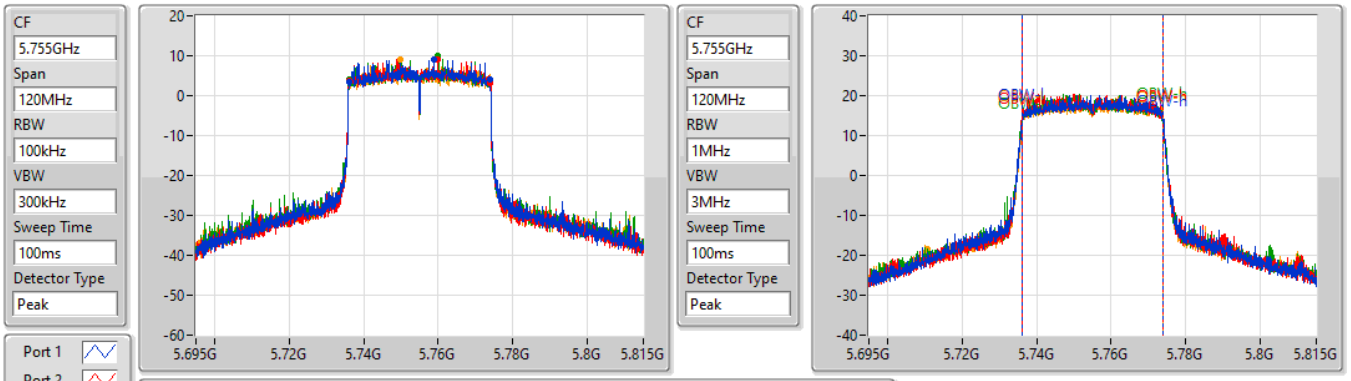
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.88M	5.20858G	5.25046G	37.961M	5.211049G	5.24901G	Inf	1
41.1M	5.20924G	5.25034G	38.021M	5.21093G	5.248951G	Inf	2
47.34M	5.20318G	5.25052G	37.961M	5.211049G	5.24901G	Inf	3
40.8M	5.20966G	5.25046G	37.841M	5.211109G	5.248951G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

07/07/2021



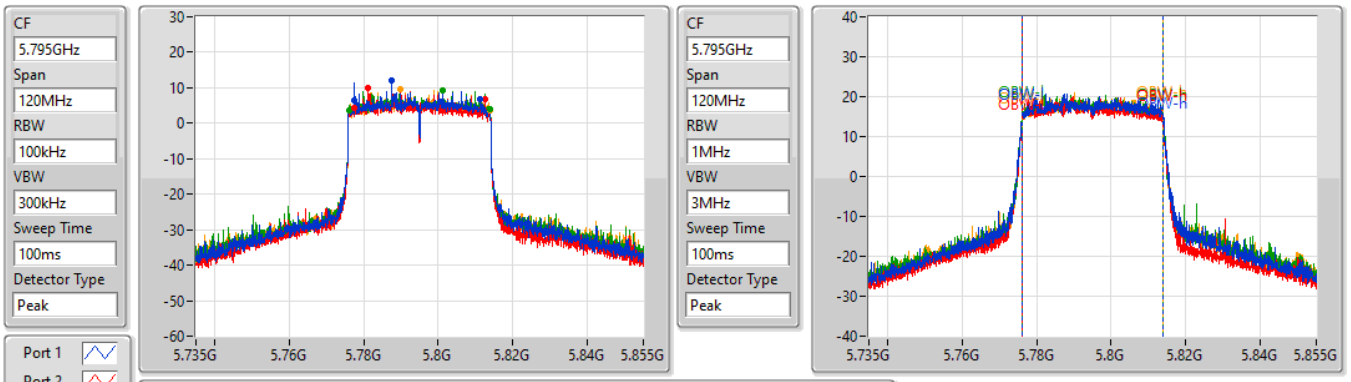
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.92M	5.73604G	5.77396G	37.961M	5.736049G	5.77401G	500k	1
37.62M	5.7361G	5.77372G	37.961M	5.73599G	5.773951G	500k	2
37.62M	5.73628G	5.7739G	37.961M	5.73599G	5.773951G	500k	3
37.86M	5.73604G	5.7739G	37.901M	5.736049G	5.773951G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

07/07/2021

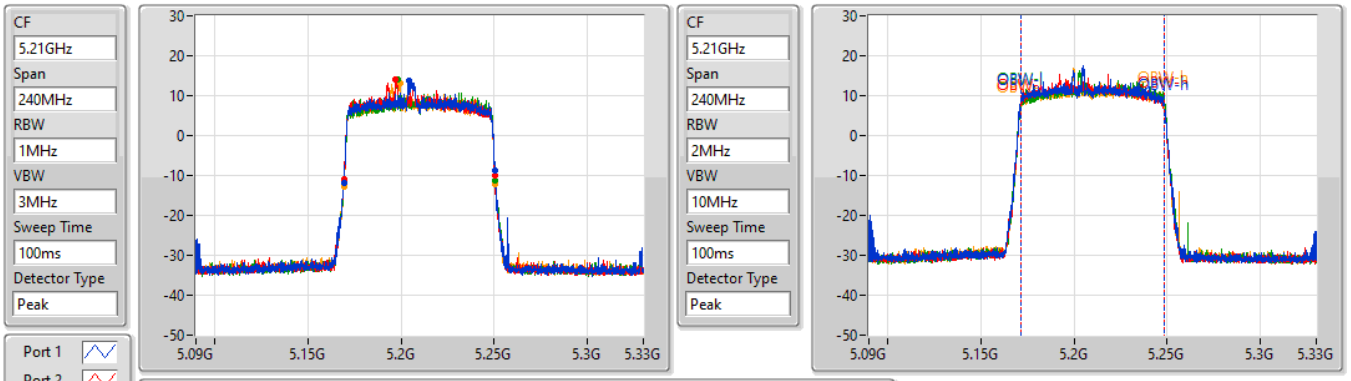


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.78M	5.77742G	5.8112G	38.021M	5.77599G	5.81401G	500k	1
34.98M	5.77754G	5.81252G	37.961M	5.77599G	5.813951G	500k	2
37.8M	5.77604G	5.81384G	37.961M	5.77599G	5.813951G	500k	3
37.86M	5.77604G	5.8139G	37.961M	5.776049G	5.81401G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

07/07/2021

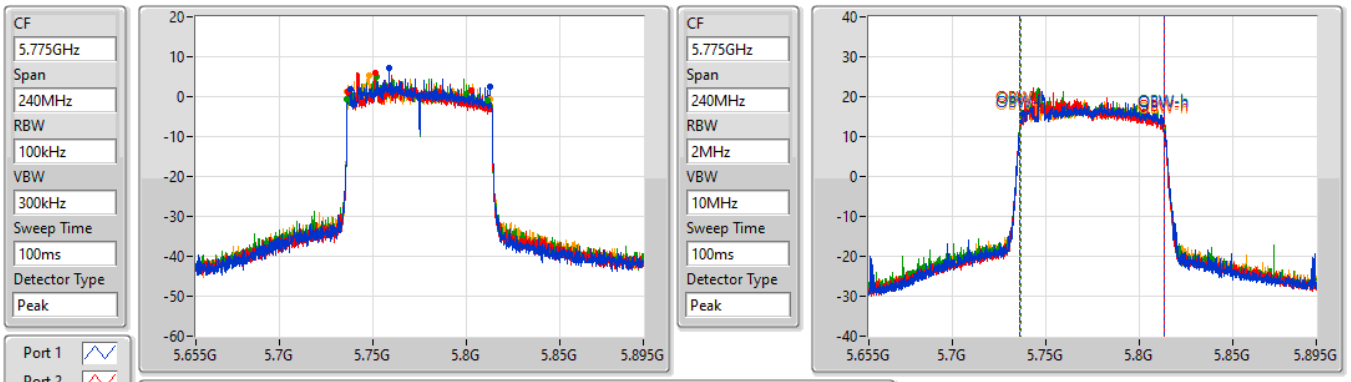


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.16932G	5.25044G	77.241M	5.171259G	5.248501G	Inf	1
81M	5.16932G	5.25032G	77.121M	5.171259G	5.248381G	Inf	2
81.24M	5.16944G	5.25068G	77.481M	5.171259G	5.248741G	Inf	3
81.24M	5.16932G	5.25056G	77.481M	5.171259G	5.248741G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

07/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.4M	5.73816G	5.81256G	77.481M	5.736139G	5.813621G	500k	1
66.24M	5.73624G	5.80248G	77.241M	5.736019G	5.813261G	500k	2
75.48M	5.73612G	5.8116G	77.121M	5.736259G	5.813381G	500k	3
76.32M	5.73612G	5.81244G	77.481M	5.736139G	5.813621G	500k	4

For 4T4S:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	26.28M	19.04M	19M0D1D	21.09M	18.921M
802.11ax HEW40_Nss4,(MCS0)_4TX	41.28M	38.021M	38M0D1D	40.74M	37.961M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.92M	77.361M	77M4D1D	81.84M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	18.9M	19.04M	19M0D1D	18.48M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	38.04M	38.201M	38M2D1D	36.36M	38.021M
802.11ax HEW80_Nss4,(MCS0)_4TX	77.4M	77.361M	77M4D1D	76.2M	77.241M

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

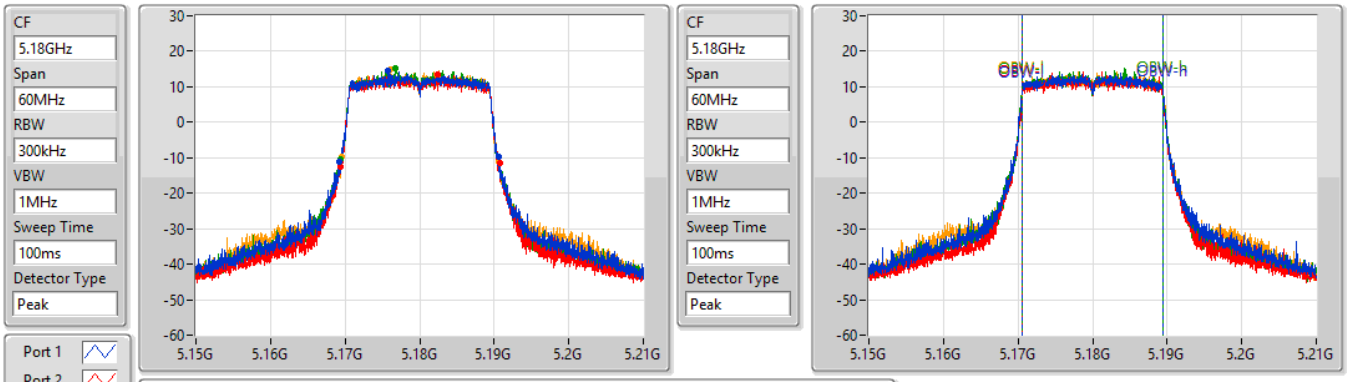
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.39M	18.951M	21.42M	18.951M	21.27M	18.951M	21.09M	18.921M
5200MHz	Pass	Inf	25.92M	19.04M	22.8M	19.01M	22.56M	19.04M	21.6M	18.981M
5240MHz	Pass	Inf	26.28M	19.04M	22.68M	19.01M	21.57M	19.01M	21.42M	18.981M
5745MHz	Pass	500k	18.6M	19.01M	18.48M	18.981M	18.48M	19.01M	18.84M	19.01M
5785MHz	Pass	500k	18.9M	18.981M	18.78M	18.981M	18.84M	18.981M	18.84M	18.951M
5825MHz	Pass	500k	18.84M	19.01M	18.51M	18.981M	18.72M	19.04M	18.6M	19.01M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.74M	38.021M	40.98M	37.961M	40.8M	37.961M	41.28M	37.961M
5230MHz	Pass	Inf	41.22M	38.021M	41.1M	38.021M	40.98M	37.961M	41.16M	38.021M
5755MHz	Pass	500k	37.92M	38.141M	37.74M	38.081M	36.36M	38.201M	37.86M	38.081M
5795MHz	Pass	500k	37.8M	38.081M	37.56M	38.021M	37.68M	38.081M	38.04M	38.141M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.92M	77.361M	82.68M	77.361M	81.84M	77.121M	82.08M	77.241M
5775MHz	Pass	500k	77.04M	77.361M	76.2M	77.241M	77.4M	77.241M	76.44M	77.361M

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_Nss4,(MCS0)_4TX EBW

5180MHz

24/07/2021

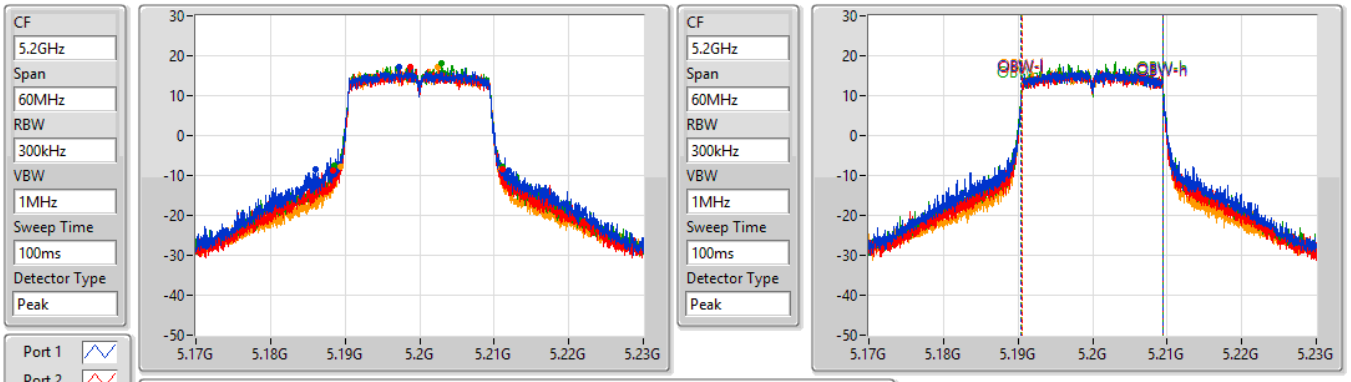


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.16926G	5.19065G	18.951M	5.170525G	5.189475G	Inf	1
21.42M	5.16935G	5.19077G	18.951M	5.170525G	5.189475G	Inf	2
21.27M	5.16941G	5.19068G	18.951M	5.170525G	5.189475G	Inf	3
21.09M	5.16953G	5.19062G	18.921M	5.170525G	5.189445G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5200MHz

24/07/2021

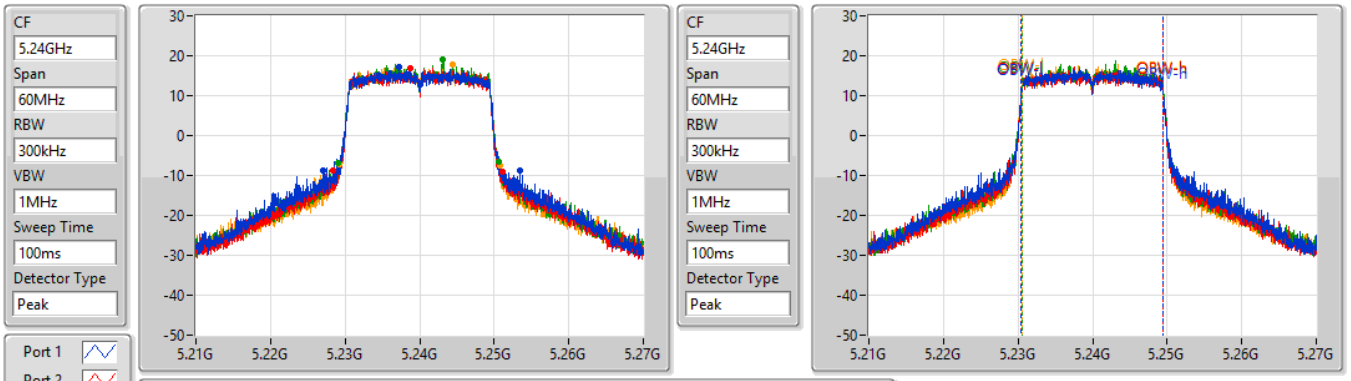


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.92M	5.18608G	5.212G	19.04M	5.190465G	5.209505G	Inf	1
22.8M	5.18833G	5.21113G	19.01M	5.190495G	5.209505G	Inf	2
22.56M	5.18851G	5.21107G	19.04M	5.190465G	5.209505G	Inf	3
21.6M	5.18932G	5.21092G	18.981M	5.190495G	5.209475G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5240MHz

24/07/2021

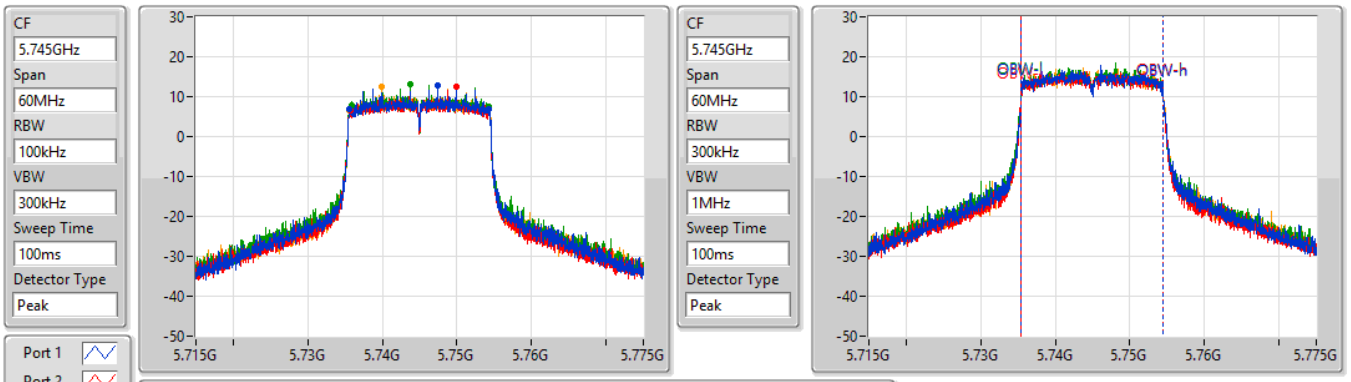


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.28M	5.2271G	5.25338G	19.04M	5.230465G	5.249505G	Inf	1
22.68M	5.22842G	5.2511G	19.01M	5.230465G	5.249475G	Inf	2
21.57M	5.22902G	5.25059G	19.01M	5.230495G	5.249505G	Inf	3
21.42M	5.22929G	5.25071G	18.981M	5.230495G	5.249475G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5745MHz

24/07/2021

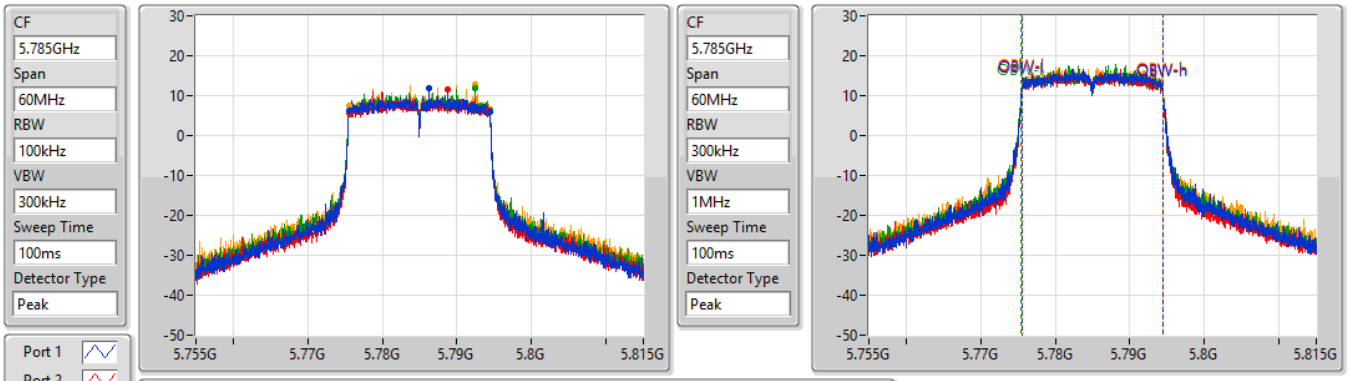


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.73561G	5.75421G	19.01M	5.735465G	5.754475G	500k	1
18.48M	5.73579G	5.75427G	18.981M	5.735465G	5.754445G	500k	2
18.48M	5.73585G	5.75433G	19.01M	5.735465G	5.754475G	500k	3
18.84M	5.73549G	5.75433G	19.01M	5.735465G	5.754475G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5785MHz

24/07/2021

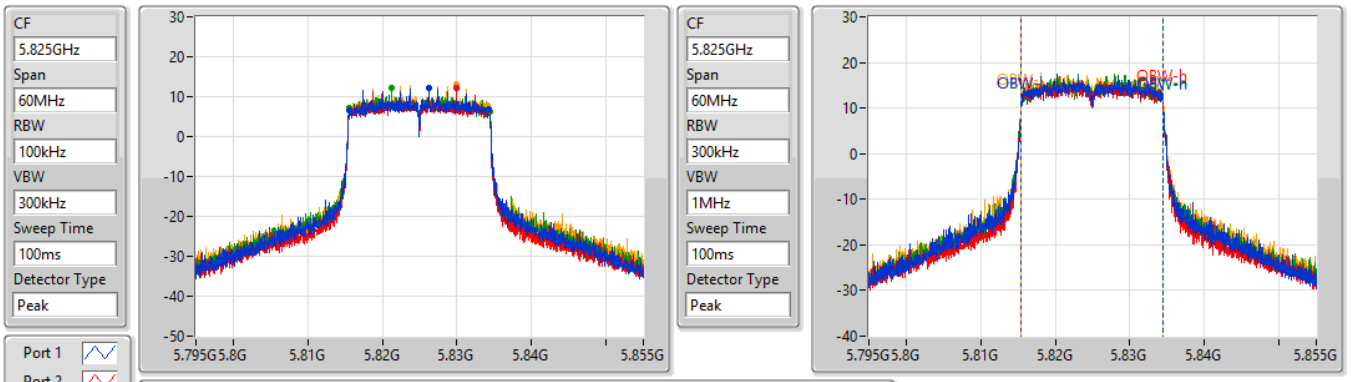


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.77552G	5.79442G	18.981M	5.775495G	5.794475G	500k	1
18.78M	5.77552G	5.7943G	18.981M	5.775495G	5.794475G	500k	2
18.84M	5.77552G	5.79436G	18.981M	5.775465G	5.794445G	500k	3
18.84M	5.77558G	5.79442G	18.951M	5.775495G	5.794445G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5825MHz

24/07/2021

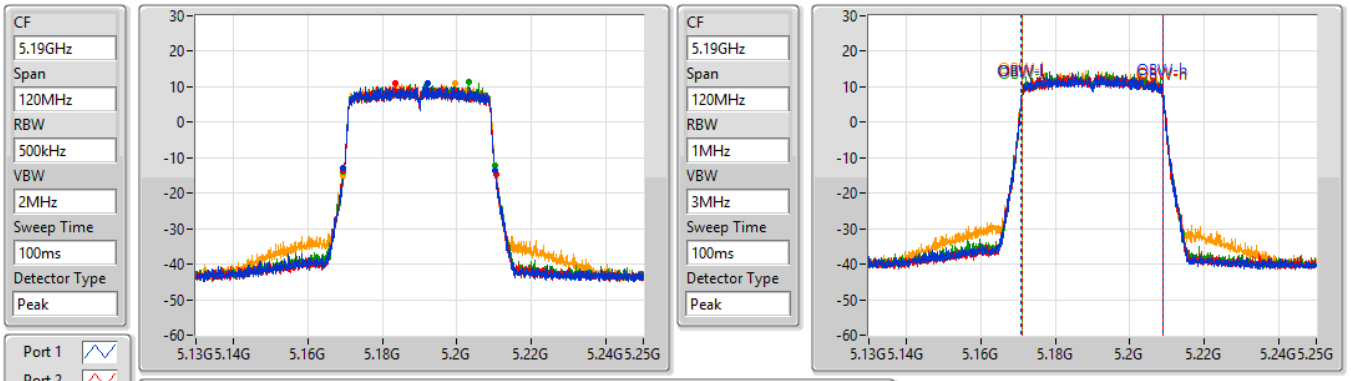


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.81549G	5.83433G	19.01M	5.815465G	5.834475G	500k	1
18.51M	5.81576G	5.83427G	18.981M	5.815465G	5.834445G	500k	2
18.72M	5.81564G	5.83436G	19.04M	5.815435G	5.834475G	500k	3
18.6M	5.81555G	5.83415G	19.01M	5.815465G	5.834475G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5190MHz

24/07/2021

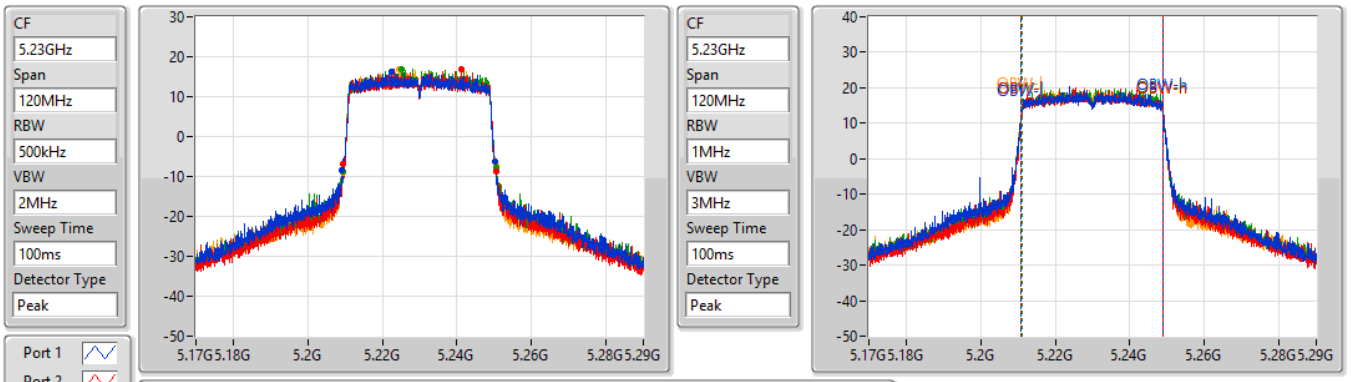


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.16954G	5.21028G	38.021M	5.17093G	5.208951G	Inf	1
40.98M	5.16948G	5.21046G	37.961M	5.17099G	5.208951G	Inf	2
40.8M	5.16954G	5.21034G	37.961M	5.17099G	5.208951G	Inf	3
41.28M	5.16942G	5.2107G	37.961M	5.17099G	5.208951G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5230MHz

24/07/2021

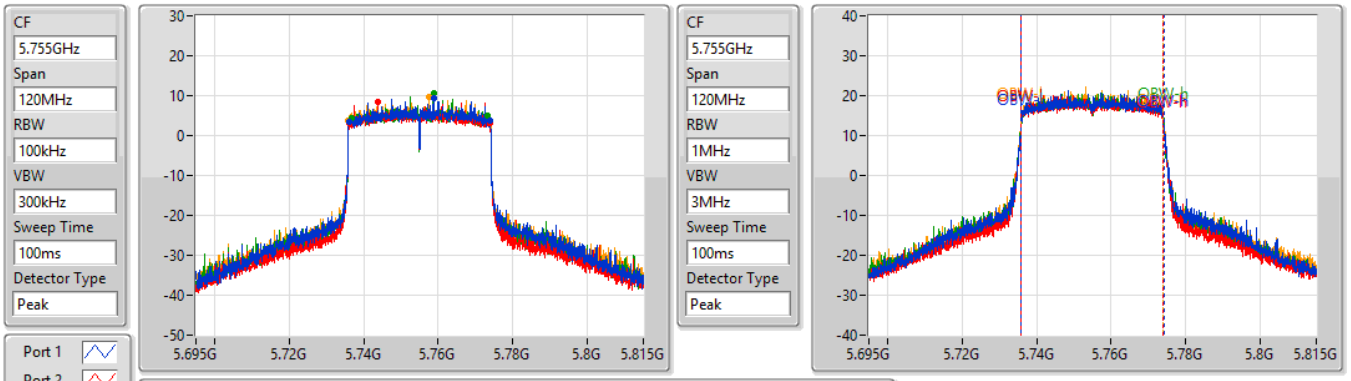


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.20912G	5.25034G	38.021M	5.21093G	5.248951G	Inf	1
41.1M	5.2093G	5.2504G	38.021M	5.21093G	5.248951G	Inf	2
40.98M	5.20948G	5.25046G	37.961M	5.21099G	5.248951G	Inf	3
41.16M	5.20942G	5.25058G	38.021M	5.21093G	5.248951G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5755MHz

24/07/2021

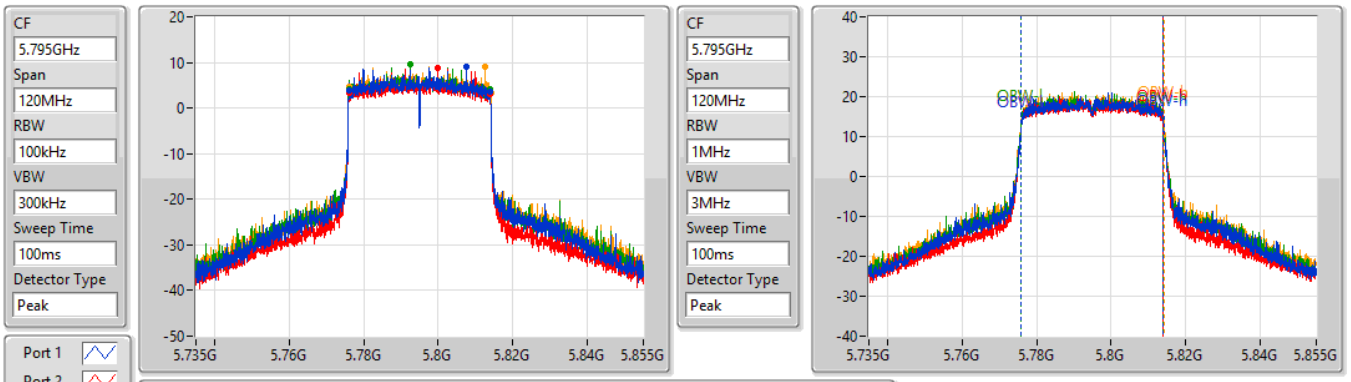


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.92M	5.73604G	5.77396G	38.141M	5.73593G	5.77407G	500k	1
37.74M	5.7361G	5.77384G	38.081M	5.73593G	5.77401G	500k	2
36.36M	5.73694G	5.7733G	38.201M	5.73587G	5.77407G	500k	3
37.86M	5.73592G	5.77378G	38.081M	5.73593G	5.77401G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5795MHz

24/07/2021

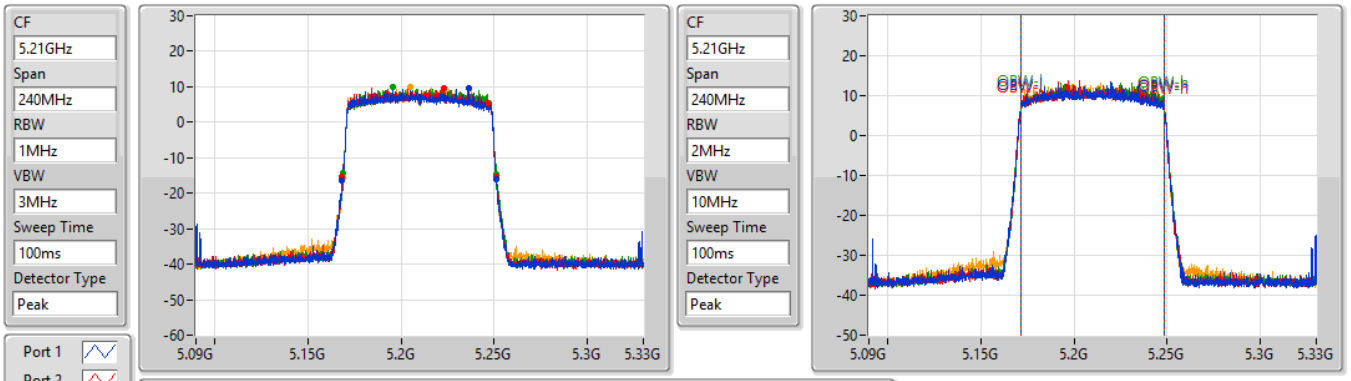


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.7761G	5.8139G	38.081M	5.77593G	5.81401G	500k	1
37.56M	5.77616G	5.81372G	38.021M	5.77593G	5.813951G	500k	2
37.68M	5.77616G	5.81384G	38.081M	5.77587G	5.813951G	500k	3
38.04M	5.77604G	5.81408G	38.141M	5.77593G	5.81407G	500k	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5210MHz

24/07/2021

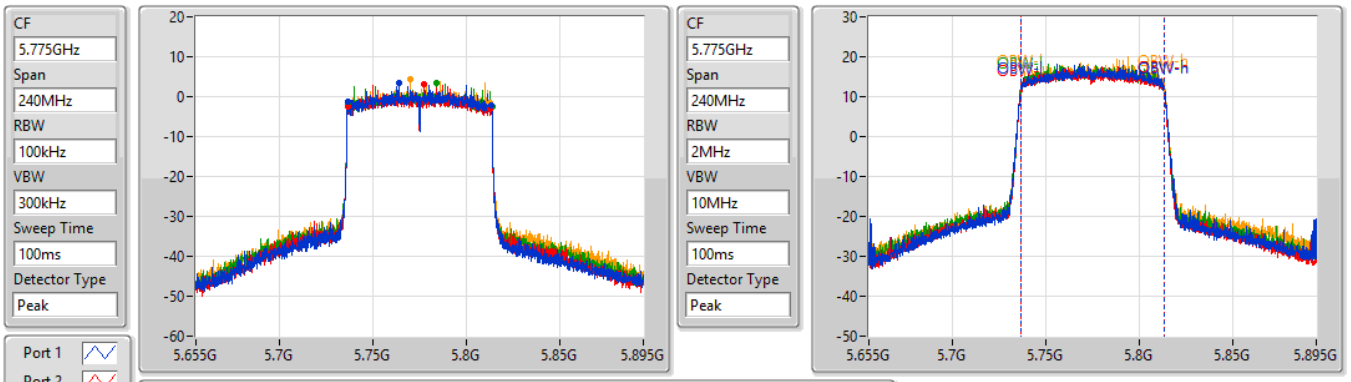


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.16848G	5.2514G	77.361M	5.171259G	5.248621G	Inf	1
82.68M	5.16848G	5.25116G	77.361M	5.171259G	5.248621G	Inf	2
81.84M	5.1692G	5.25104G	77.121M	5.171499G	5.248621G	Inf	3
82.08M	5.16896G	5.25104G	77.241M	5.171379G	5.248621G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5775MHz

24/07/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.04M	5.73672G	5.81376G	77.361M	5.736259G	5.813621G	500k	1
76.2M	5.73636G	5.81256G	77.241M	5.736259G	5.813501G	500k	2
77.4M	5.73648G	5.81388G	77.241M	5.736379G	5.813621G	500k	3
76.44M	5.73624G	5.81268G	77.361M	5.736379G	5.813741G	500k	4

For 4T1S:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.63	0.91833
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.96	0.99083
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.31	0.85310
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.76	0.18880
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.97	0.99312
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.28	0.84723
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.32	0.85507
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.38	0.54702

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	-	-	-	-	-	-	-	-
5180MHz	Pass	3.97	20.88	20.95	20.58	20.65	26.79	30.00
5200MHz	Pass	3.97	23.51	23.55	23.59	22.94	29.43	30.00
5240MHz	Pass	3.97	23.83	23.49	23.75	23.37	29.63	30.00
5745MHz	Pass	3.96	23.76	24.08	23.84	23.58	29.84	30.00
5785MHz	Pass	3.96	23.96	23.49	24.37	23.93	29.97	30.00
5825MHz	Pass	3.96	23.76	23.62	23.70	23.41	29.65	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.42	21.63	21.40	21.45	21.06	27.41	30.00
5200MHz	Pass	4.42	24.15	23.98	23.87	23.73	29.96	30.00
5240MHz	Pass	4.42	23.67	23.05	23.38	23.09	29.33	30.00
5745MHz	Pass	6.39	23.13	23.26	23.02	22.89	29.10	29.61
5785MHz	Pass	6.39	23.34	22.84	23.53	23.30	29.28	29.61
5825MHz	Pass	6.39	23.13	23.07	23.01	22.94	29.06	29.61
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.42	17.84	17.65	17.35	17.59	23.63	30.00
5230MHz	Pass	4.42	23.65	23.12	23.33	23.04	29.31	30.00
5755MHz	Pass	6.39	23.27	23.43	23.21	22.93	29.23	29.61
5795MHz	Pass	6.39	23.56	22.68	23.53	23.37	29.32	29.61
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.42	16.80	16.95	16.77	16.43	22.76	30.00
5775MHz	Pass	6.39	21.58	21.03	21.53	21.26	27.38	29.61

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

For 4T4S:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.99	0.99770
802.11ax HEW40_Nss4,(MCS0)_4TX	28.98	0.79068
802.11ax HEW80_Nss4,(MCS0)_4TX	22.78	0.18967
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.74	0.94189
802.11ax HEW40_Nss4,(MCS0)_4TX	29.82	0.95940
802.11ax HEW80_Nss4,(MCS0)_4TX	26.99	0.50003

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.97	20.93	20.57	21.25	20.87	26.93	30.00
5200MHz	Pass	1.97	23.86	23.65	24.24	23.81	29.92	30.00
5240MHz	Pass	1.97	23.82	23.81	24.30	23.94	29.99	30.00
5745MHz	Pass	3.27	23.60	23.48	23.93	23.86	29.74	30.00
5785MHz	Pass	3.27	23.46	23.24	23.76	24.05	29.66	30.00
5825MHz	Pass	3.27	23.36	23.10	23.59	23.97	29.54	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.97	17.19	17.13	17.57	17.60	23.40	30.00
5230MHz	Pass	1.97	22.78	22.64	23.35	23.03	28.98	30.00
5755MHz	Pass	3.27	23.83	22.97	23.83	24.21	29.75	30.00
5795MHz	Pass	3.27	23.71	23.30	23.85	24.27	29.82	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.97	16.90	17.19	17.06	15.75	22.78	30.00
5775MHz	Pass	3.27	20.74	20.53	21.03	21.52	26.99	30.00

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

For 4T1S:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.99
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.87
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.63
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.84
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.49
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.81

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

Result

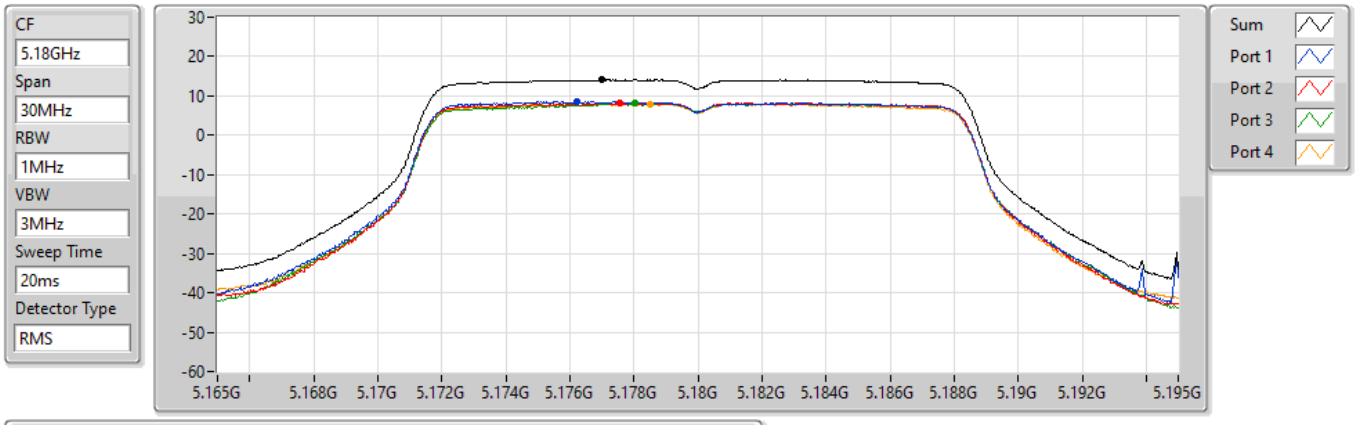
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.42	8.50	8.26	8.13	8.01	14.09	17.00
5200MHz	Pass	4.42	11.07	11.14	11.28	10.48	16.89	17.00
5240MHz	Pass	4.42	11.36	11.00	11.26	11.06	16.99	17.00
5745MHz	Pass	6.39	9.79	9.97	10.24	9.42	15.71	29.61
5785MHz	Pass	6.39	9.85	9.41	10.67	9.85	15.84	29.61
5825MHz	Pass	6.39	9.64	9.59	9.60	9.40	15.44	29.61
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.42	8.69	8.50	8.26	7.89	14.25	17.00
5200MHz	Pass	4.42	11.11	11.13	11.05	10.63	16.87	17.00
5240MHz	Pass	4.42	10.56	10.05	10.36	9.96	16.11	17.00
5745MHz	Pass	6.39	8.55	8.88	8.58	8.27	14.36	29.61
5785MHz	Pass	6.39	8.66	8.24	8.92	8.64	14.49	29.61
5825MHz	Pass	6.39	8.48	8.19	8.33	8.17	14.20	29.61
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.42	1.34	1.58	1.60	1.91	7.54	17.00
5230MHz	Pass	4.42	7.82	7.18	7.44	7.17	13.25	17.00
5755MHz	Pass	6.39	5.96	6.00	5.82	5.51	11.75	29.61
5795MHz	Pass	6.39	6.06	5.22	5.97	5.94	11.68	29.61
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.42	-2.21	-1.72	-2.38	-2.54	3.63	17.00
5775MHz	Pass	6.39	1.08	0.71	1.09	0.84	6.81	29.61

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

5180MHz

07/07/2021

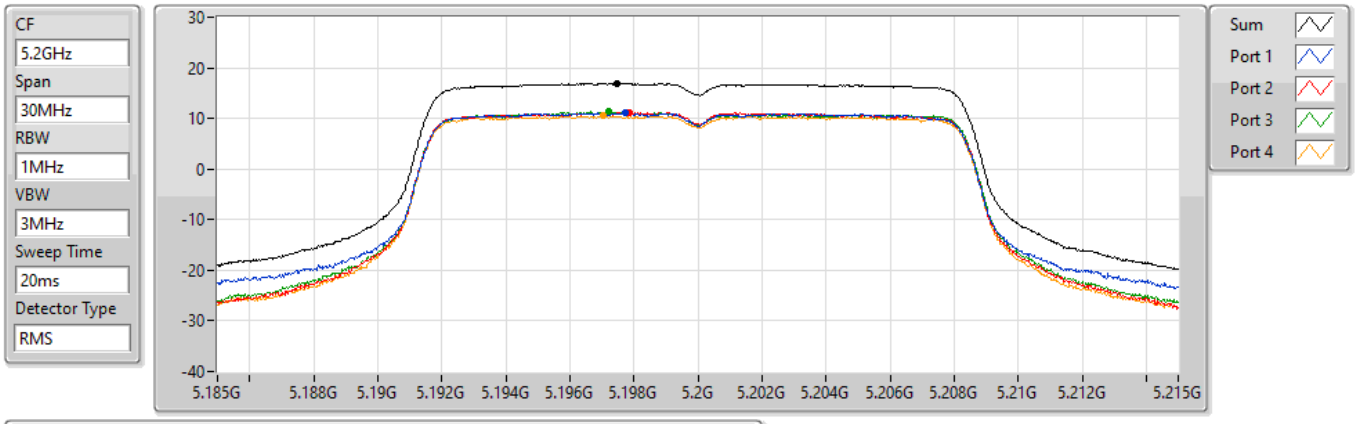


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.09	14.09	8.50	8.26	8.13	8.01

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

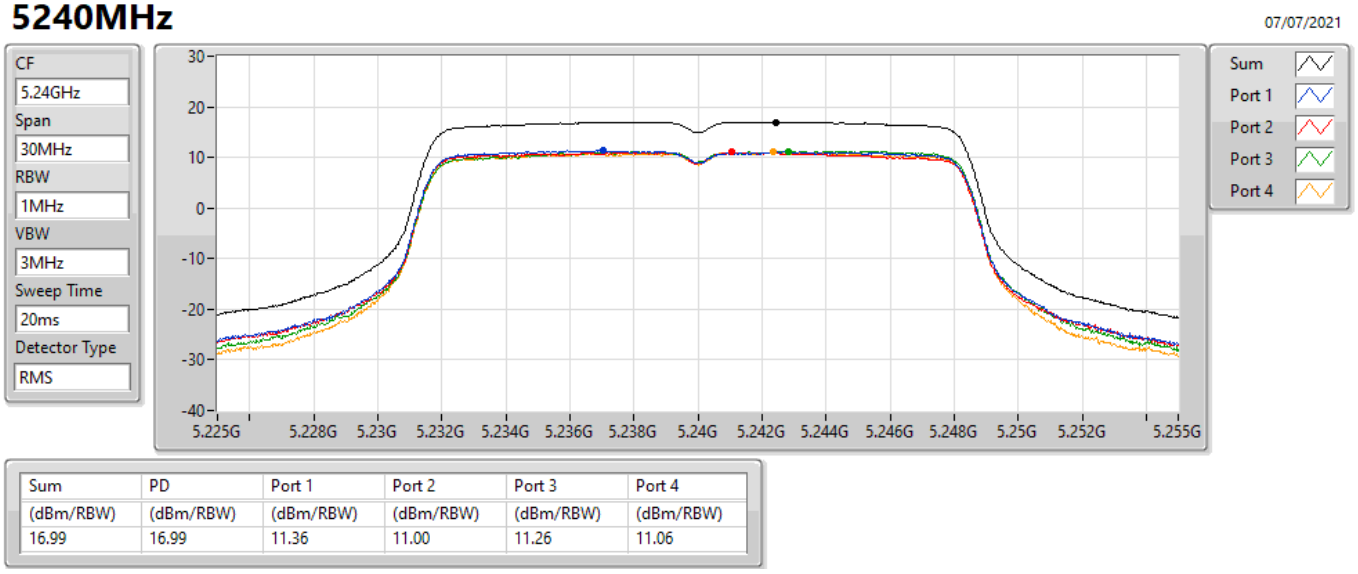
07/07/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.89	16.89	11.07	11.14	11.28	10.48

802.11a_Nss1,(6Mbps)_4TX PSD

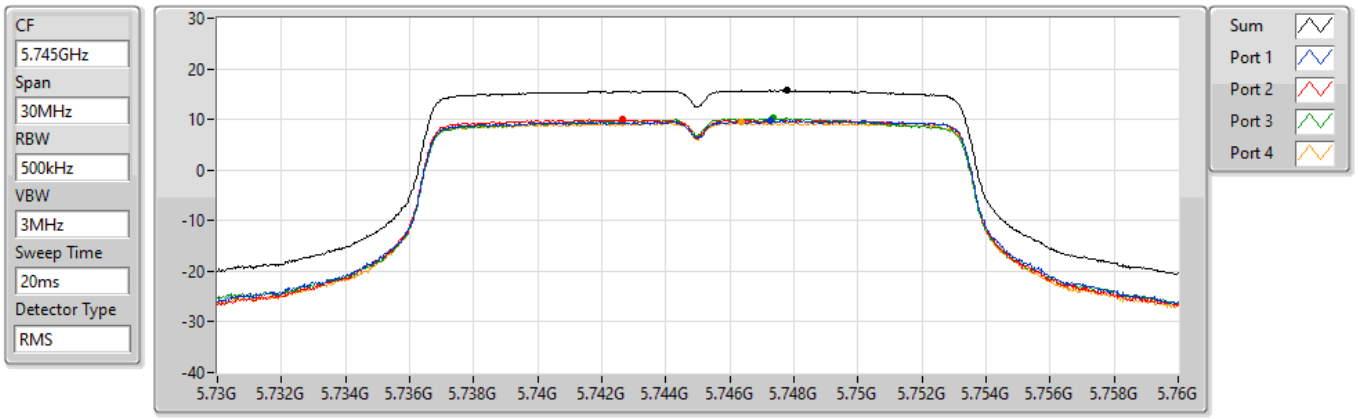
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.99	16.99	11.36	11.00	11.26	11.06

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

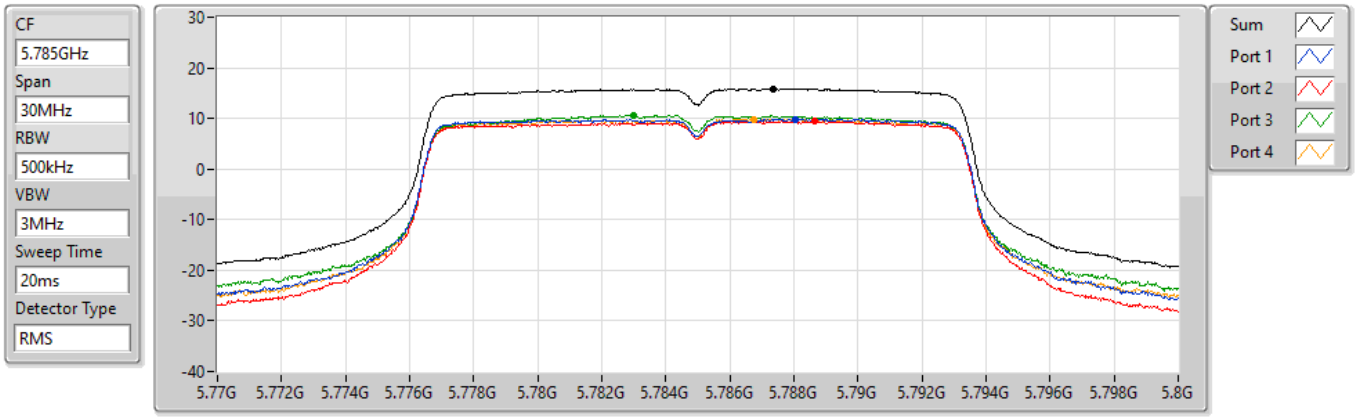


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.71	15.71	9.79	9.97	10.24	9.42

802.11a_Nss1,(6Mbps)_4TX PSD

5785MHz

07/07/2021

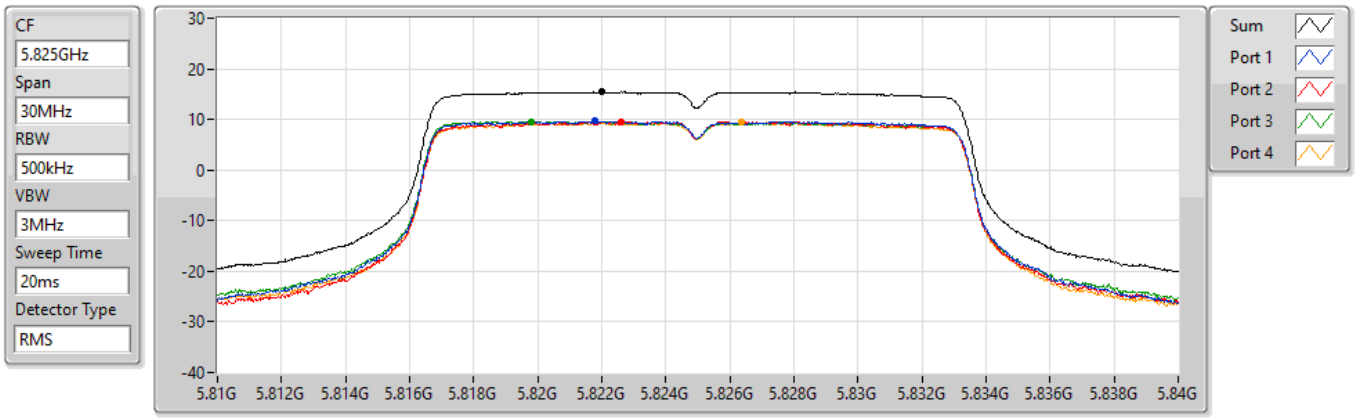


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.84	15.84	9.85	9.41	10.67	9.85

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

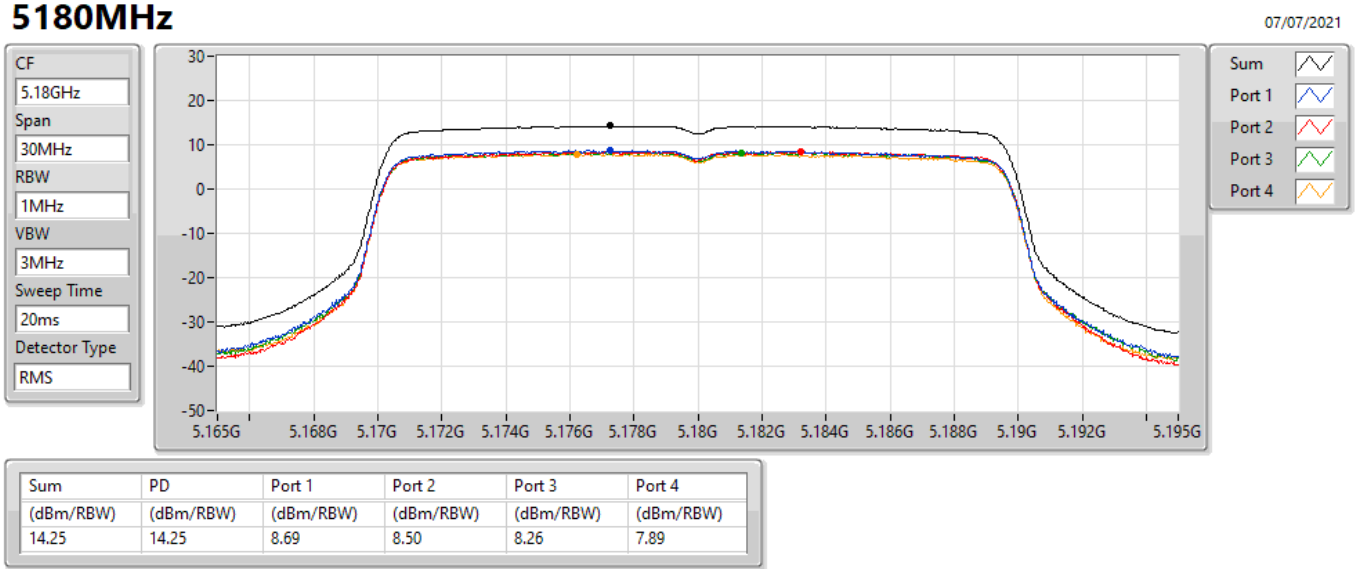
07/07/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.44	15.44	9.64	9.59	9.60	9.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

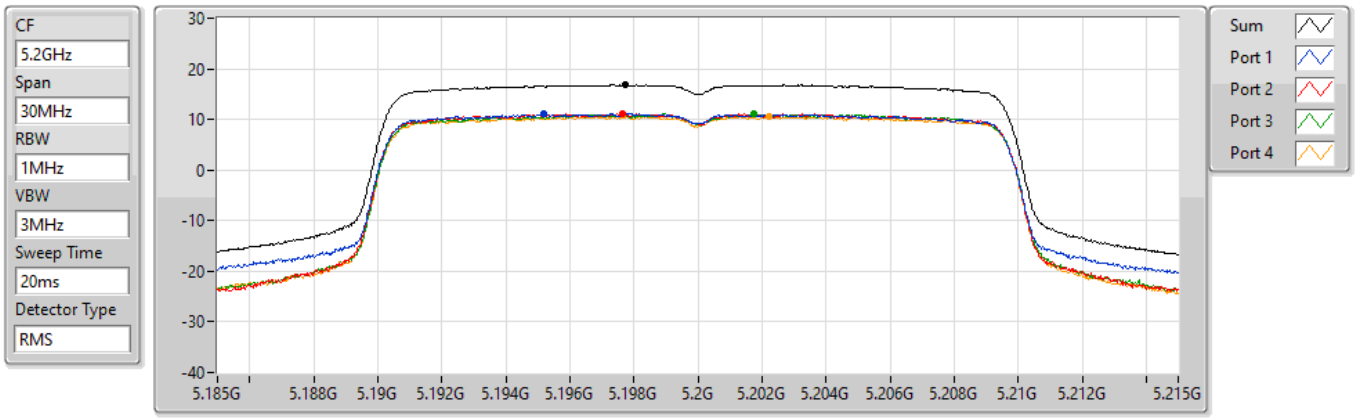
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.25	14.25	8.69	8.50	8.26	7.89

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

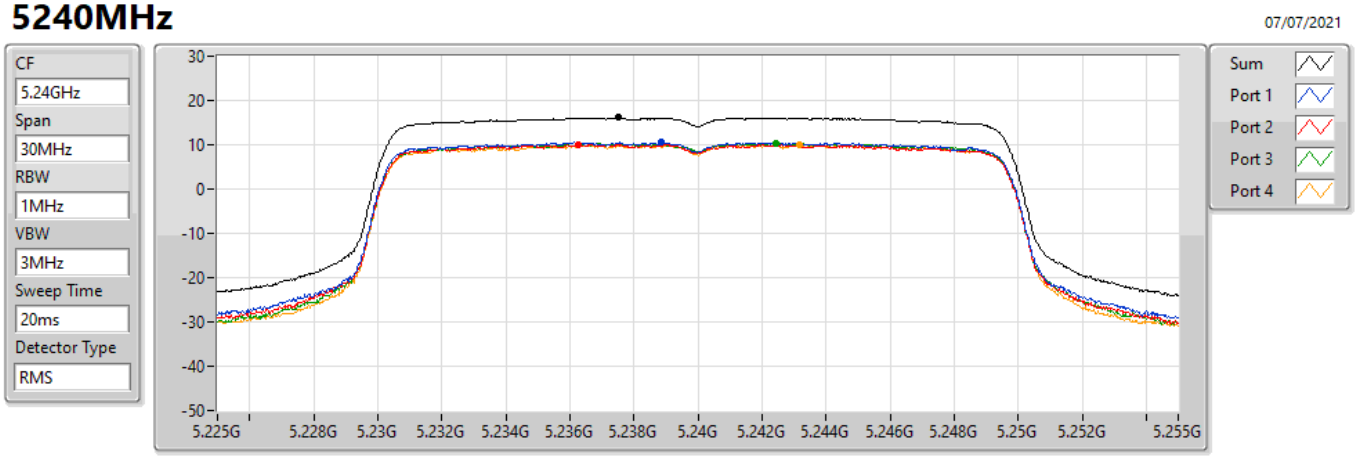
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.87	16.87	11.11	11.13	11.05	10.63

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

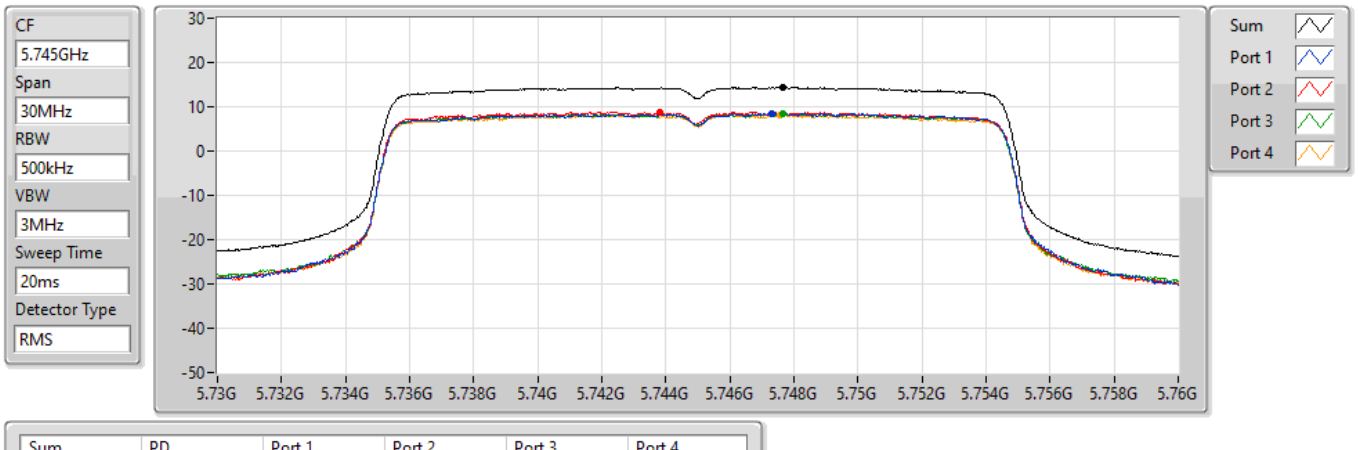
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.11	16.11	10.56	10.05	10.36	9.96

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5745MHz

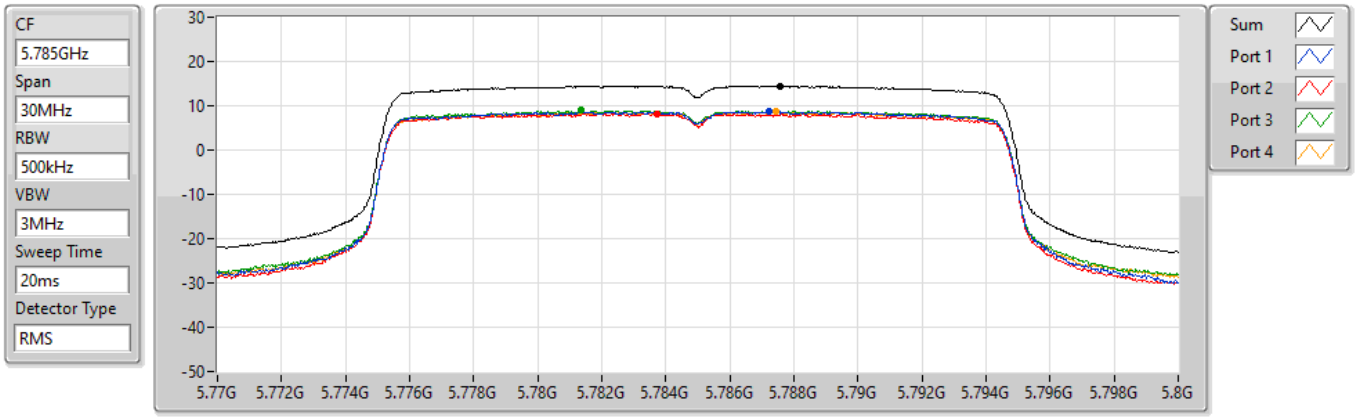


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.36	14.36	8.55	8.88	8.58	8.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5785MHz

07/07/2021

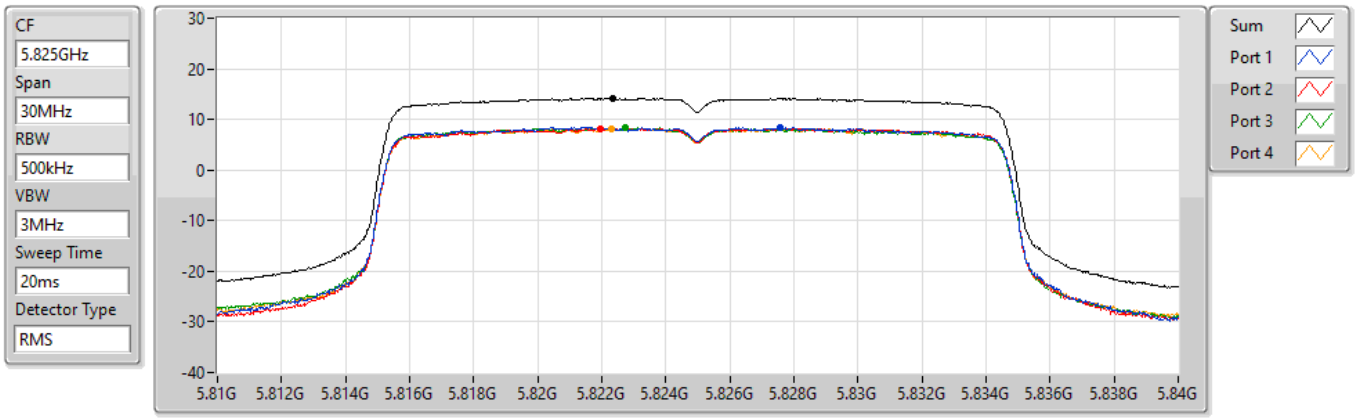


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.49	14.49	8.66	8.24	8.92	8.64

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5825MHz

07/07/2021

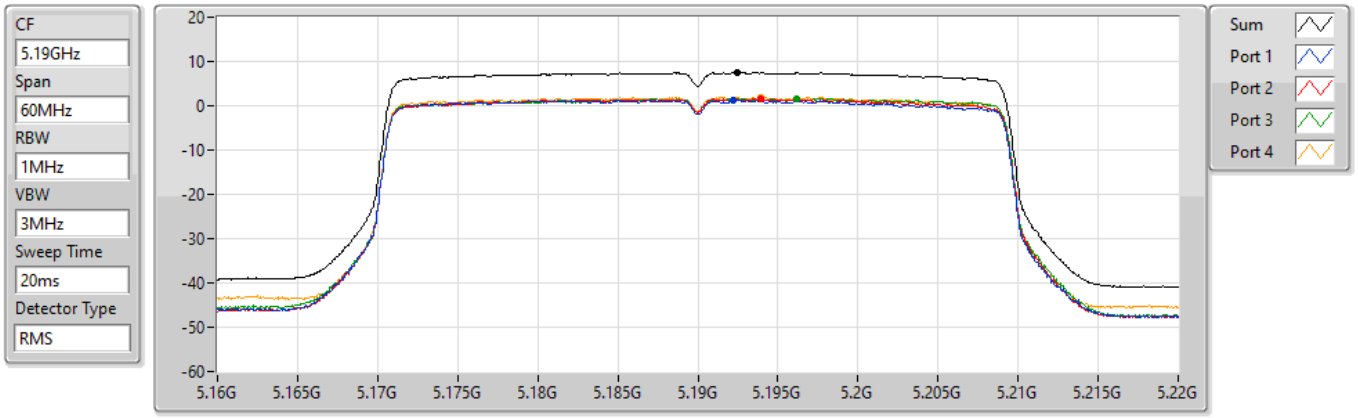


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.20	14.20	8.48	8.19	8.33	8.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5190MHz

13/07/2021

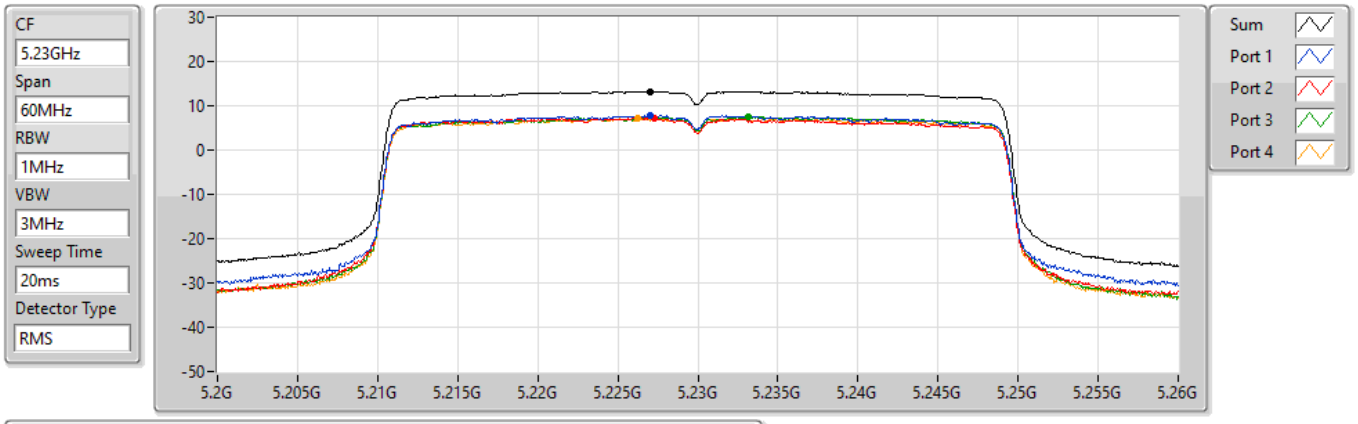


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	1.34	1.58	1.60	1.91

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5230MHz

07/07/2021

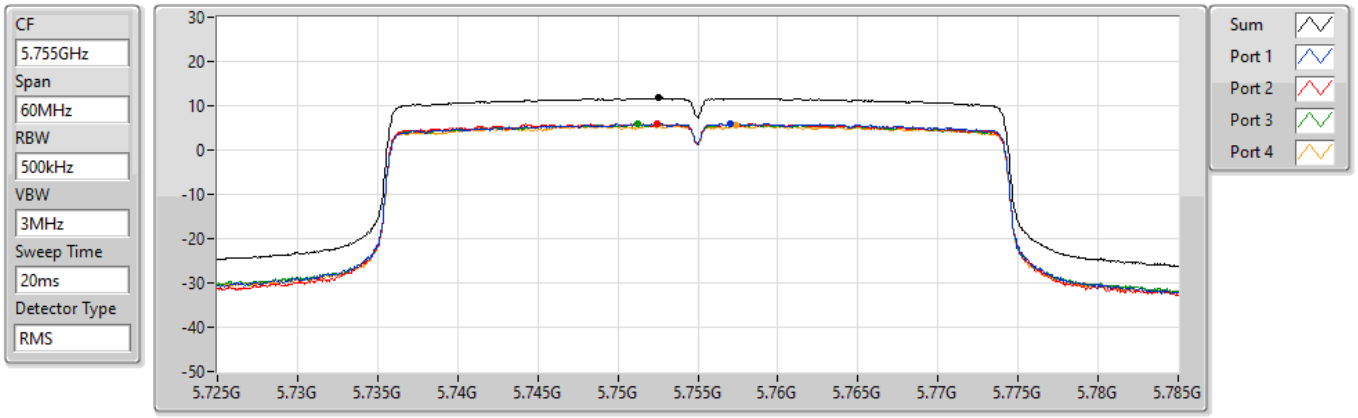


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.25	13.25	7.82	7.18	7.44	7.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5755MHz

07/07/2021

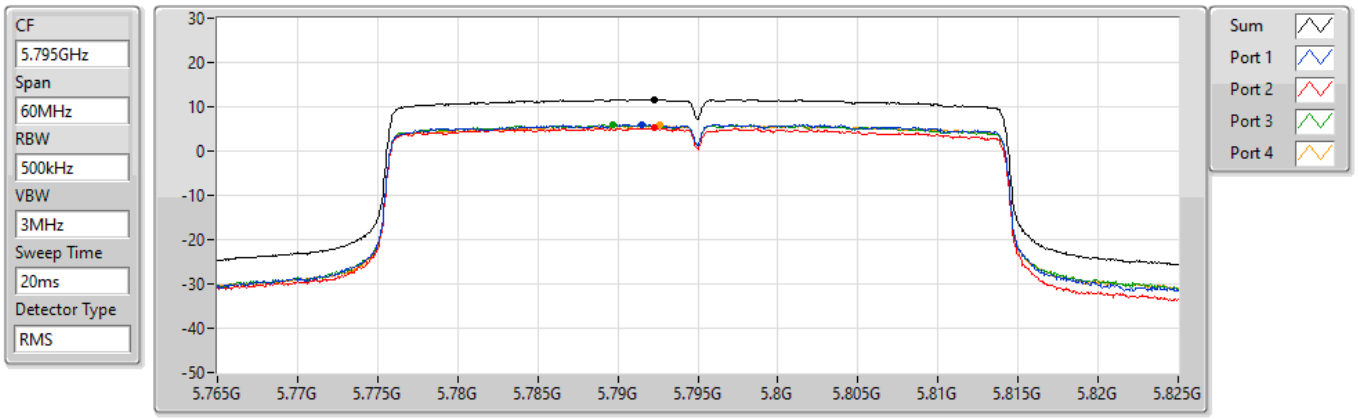


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.75	11.75	5.96	6.00	5.82	5.51

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5795MHz

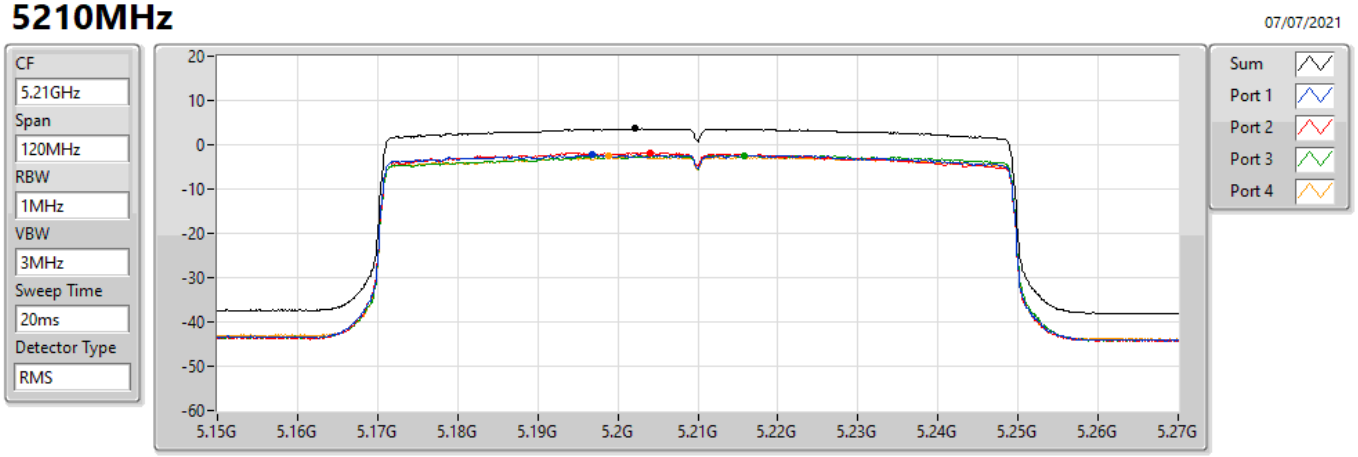
07/07/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	6.06	5.22	5.97	5.94

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

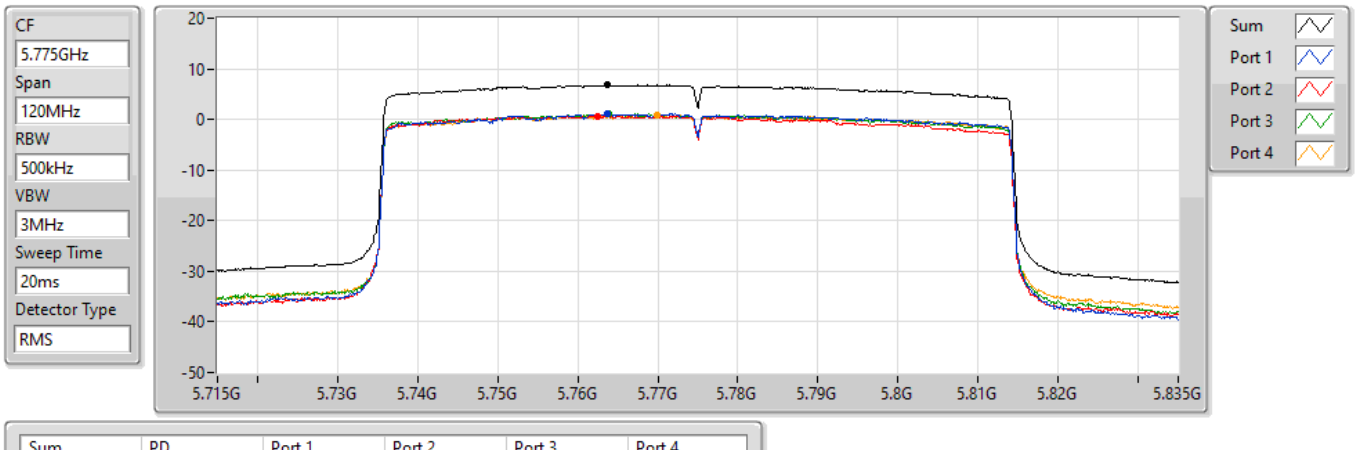
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	-2.21	-1.72	-2.38	-2.54

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	1.08	0.71	1.09	0.84

For 4T4S:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	16.60
802.11ax HEW40_Nss4,(MCS0)_4TX	12.66
802.11ax HEW80_Nss4,(MCS0)_4TX	3.31
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	14.81
802.11ax HEW40_Nss4,(MCS0)_4TX	12.05
802.11ax HEW80_Nss4,(MCS0)_4TX	6.33

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

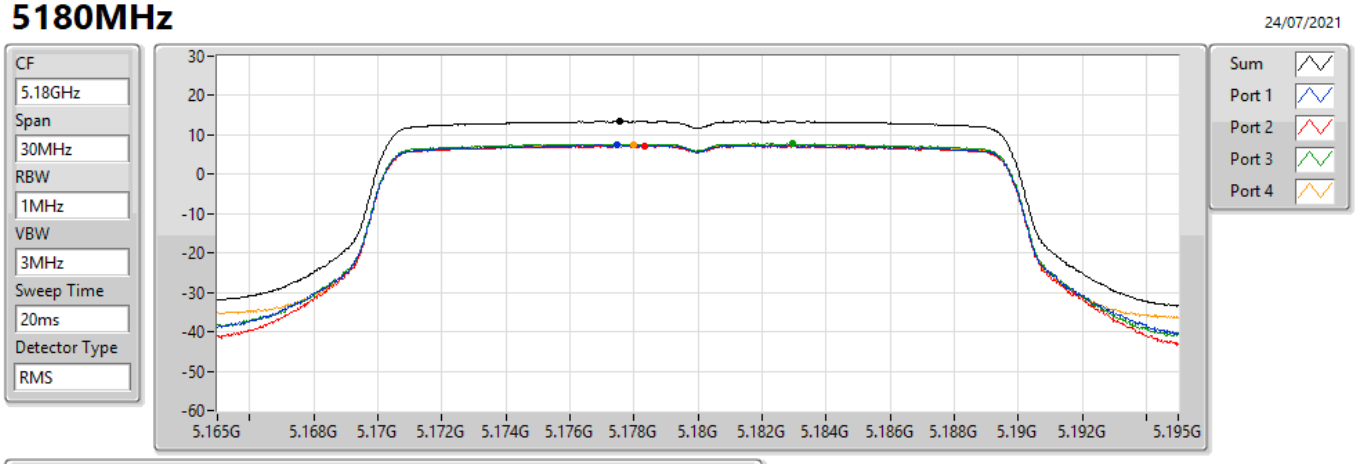
Result

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.97	7.41	7.23	7.77	7.59	13.43	17.00
5200MHz	Pass	1.97	10.55	10.35	10.91	10.42	16.49	17.00
5240MHz	Pass	1.97	10.55	10.54	10.92	10.72	16.60	17.00
5745MHz	Pass	3.27	8.83	8.65	9.09	9.12	14.81	30.00
5785MHz	Pass	3.27	8.68	8.51	8.84	9.29	14.76	30.00
5825MHz	Pass	3.27	8.58	8.37	8.81	9.16	14.65	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.97	0.91	0.89	1.42	1.38	7.09	17.00
5230MHz	Pass	1.97	6.65	6.41	7.07	6.83	12.66	17.00
5755MHz	Pass	3.27	6.07	5.80	6.10	6.50	12.05	30.00
5795MHz	Pass	3.27	6.02	5.55	6.19	6.53	11.99	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.97	-2.63	-1.84	-2.37	-3.59	3.31	17.00
5775MHz	Pass	3.27	0.40	-0.04	0.40	0.90	6.33	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;

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

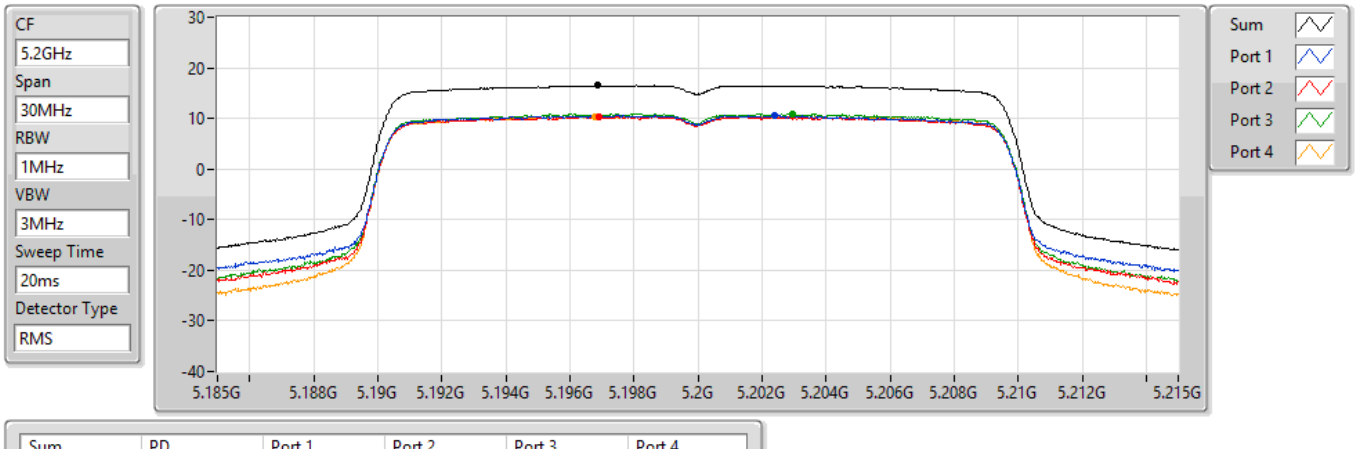
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.43	13.43	7.41	7.23	7.77	7.59

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

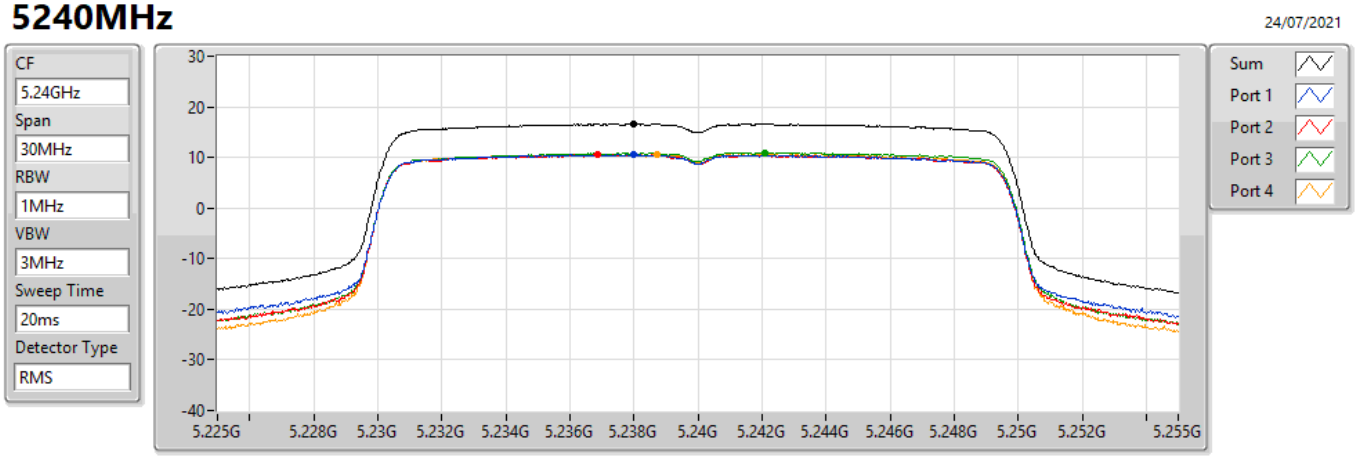
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.49	16.49	10.55	10.35	10.91	10.42

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

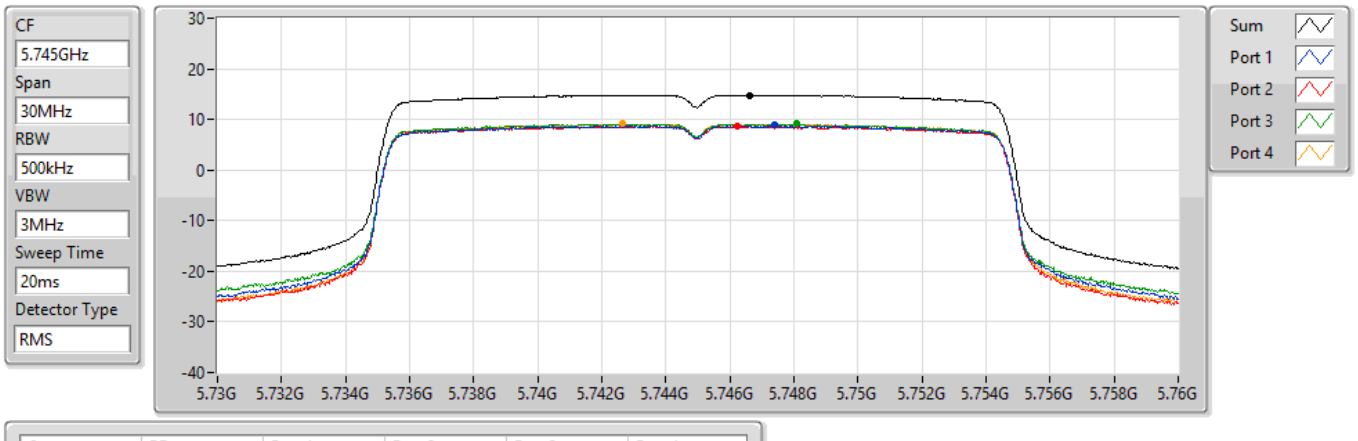
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.60	16.60	10.55	10.54	10.92	10.72

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

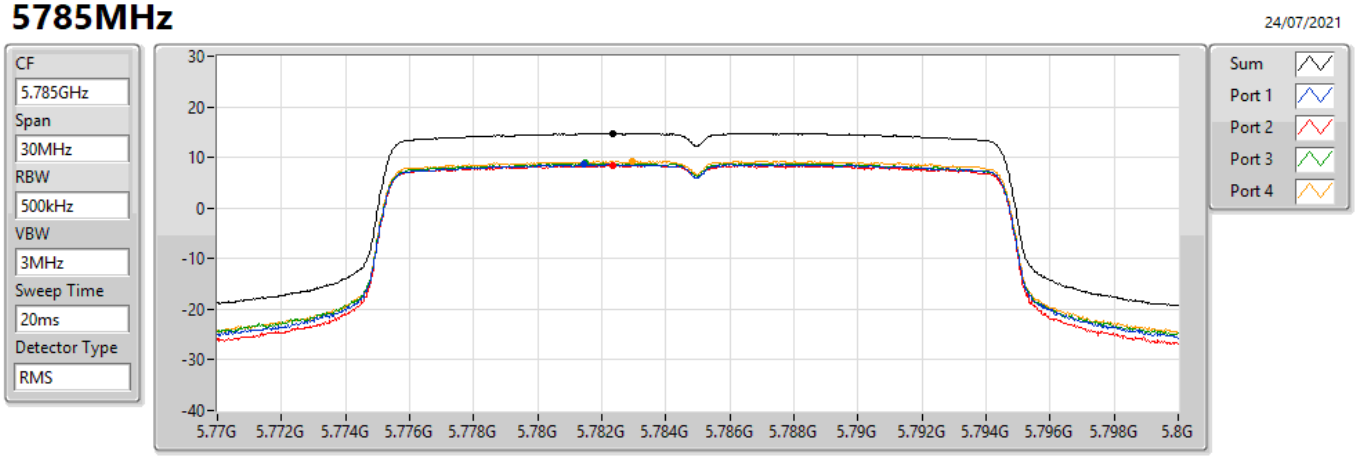
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.81	14.81	8.83	8.65	9.09	9.12

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

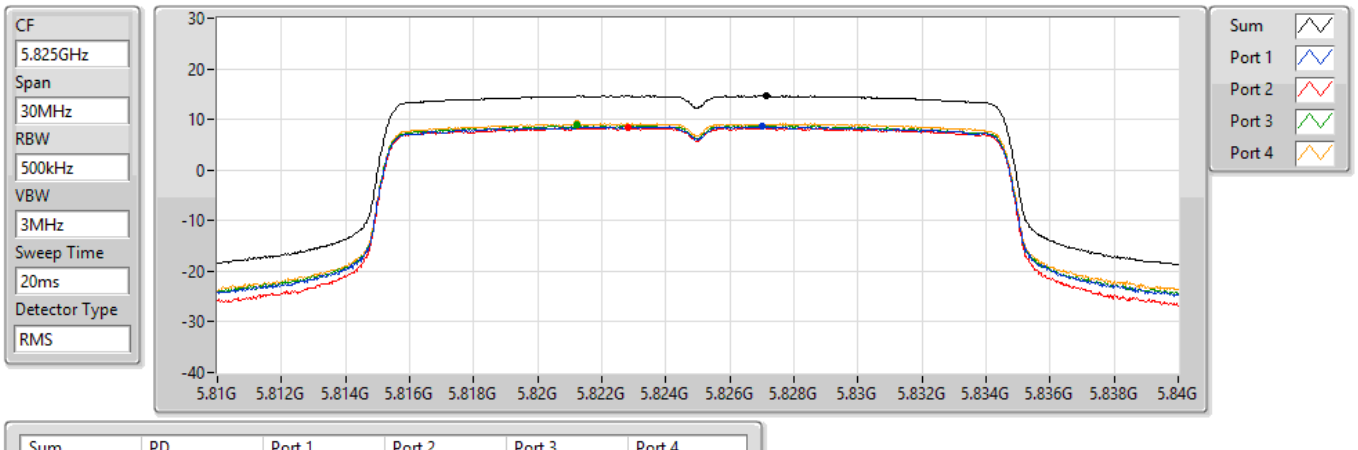
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.76	14.76	8.68	8.51	8.84	9.29

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

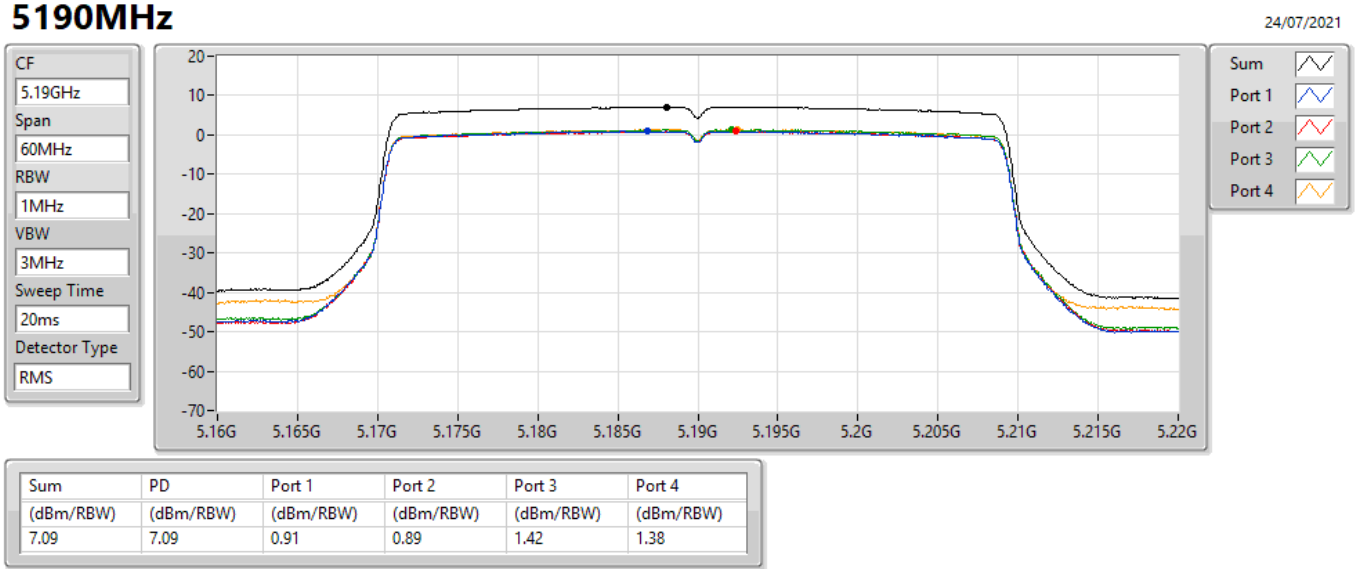
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.65	14.65	8.58	8.37	8.81	9.16

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

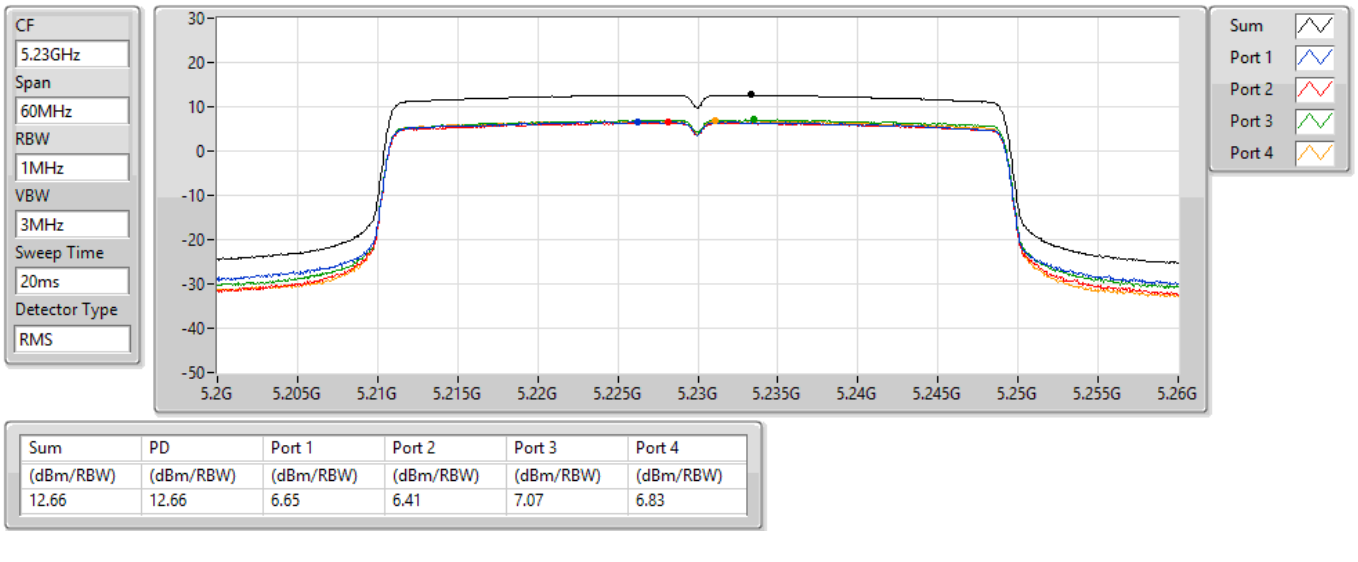
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	0.91	0.89	1.42	1.38

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

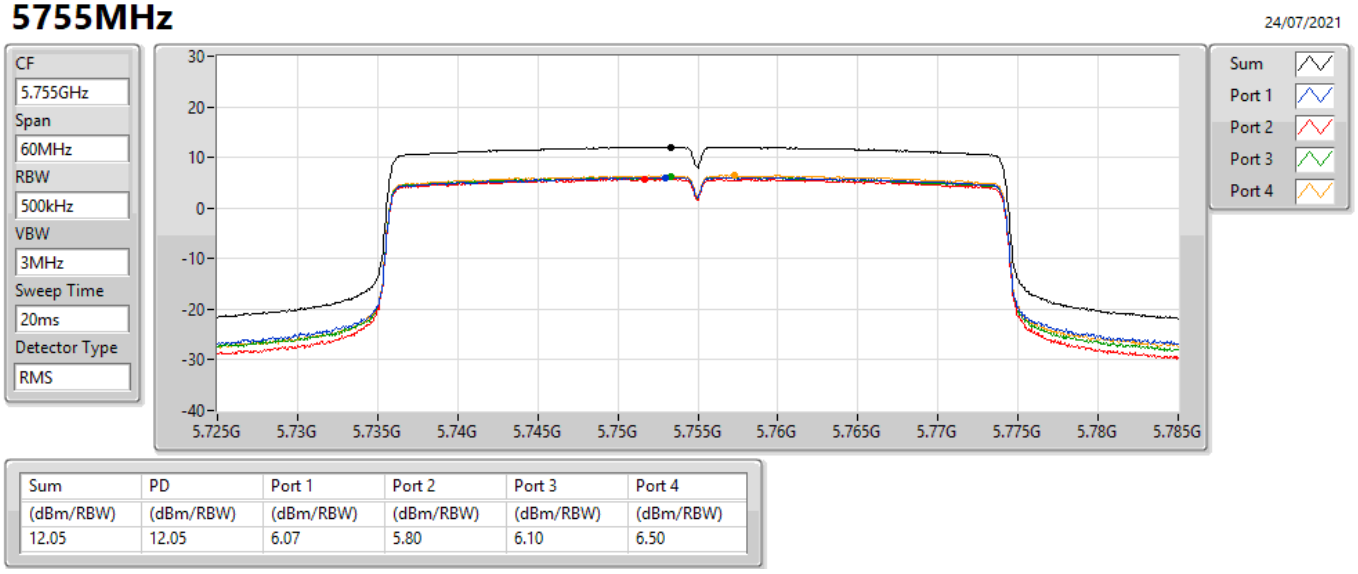
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.66	12.66	6.65	6.41	7.07	6.83

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

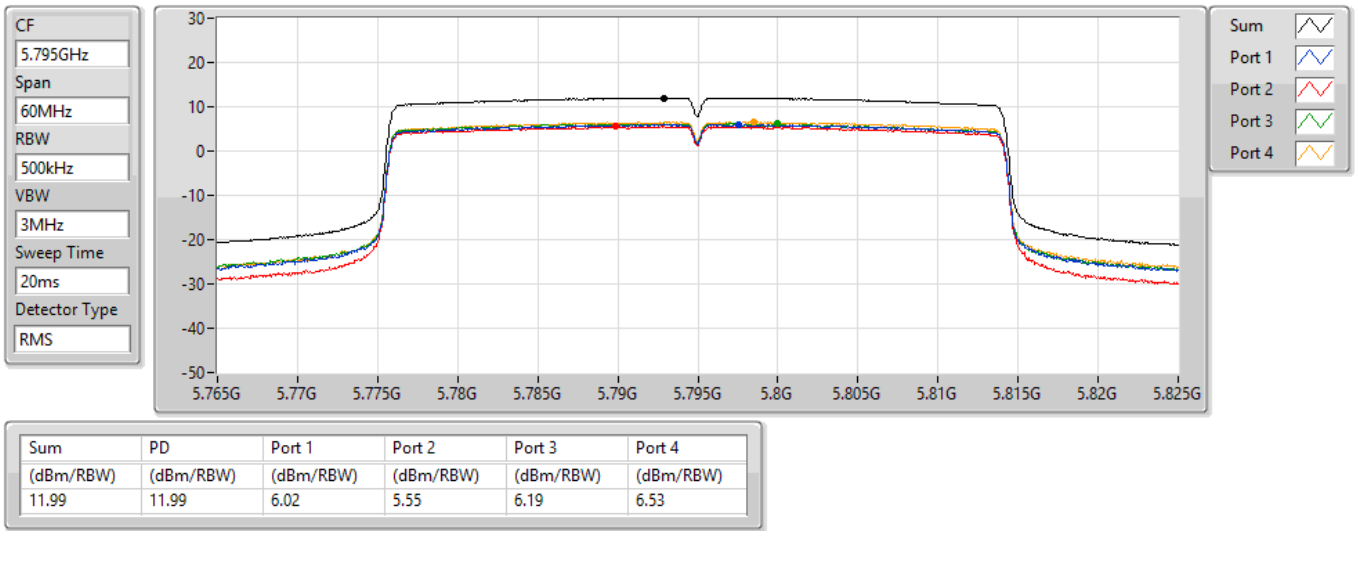
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.05	12.05	6.07	5.80	6.10	6.50

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5795MHz

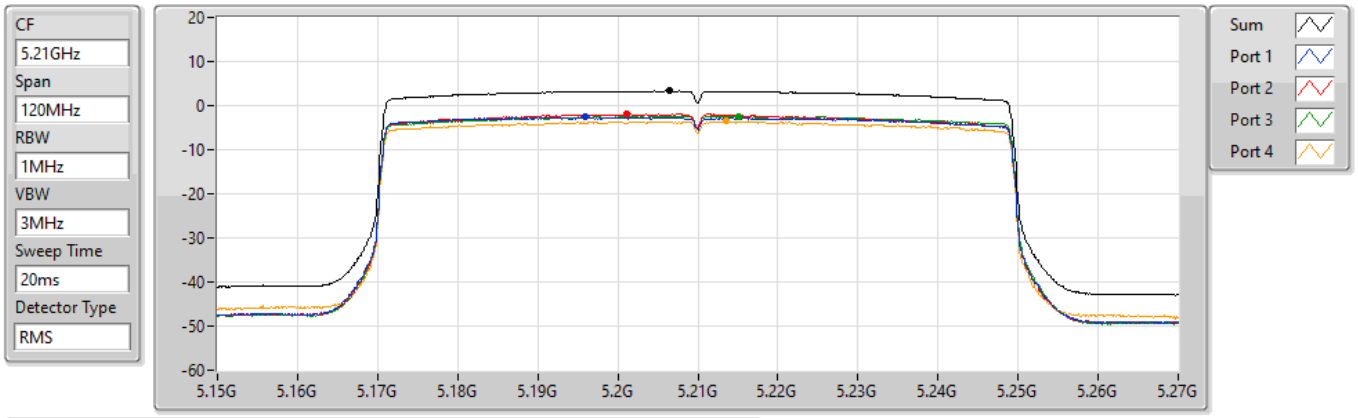


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.99	11.99	6.02	5.55	6.19	6.53

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5210MHz

10/08/2021

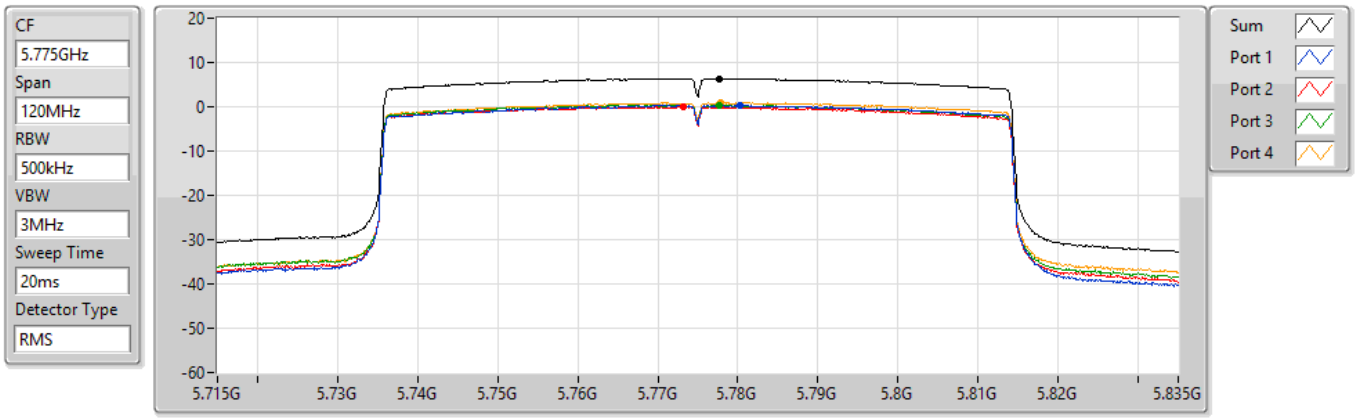


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.31	3.31	-2.63	-1.84	-2.37	-3.59

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5775MHz

24/07/2021

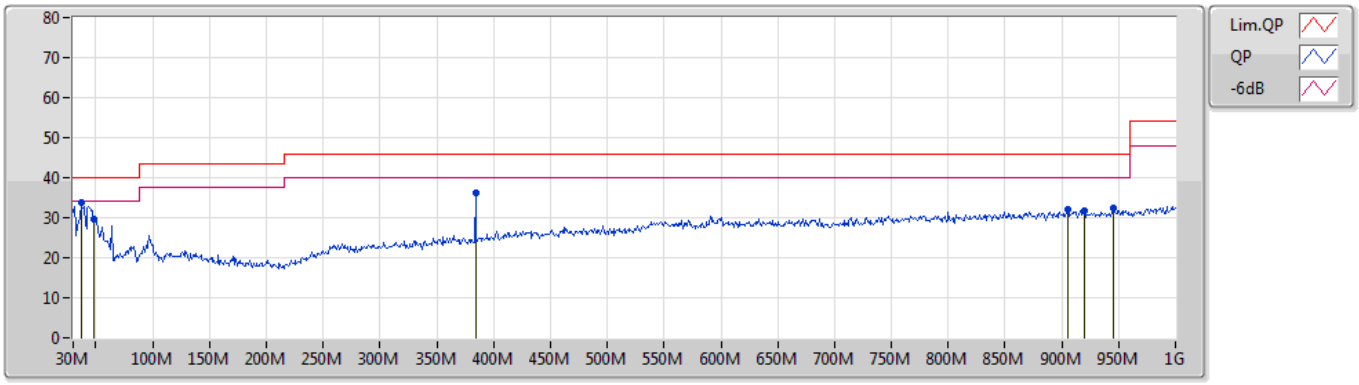


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.33	6.33	0.40	-0.04	0.40	0.90

Summary

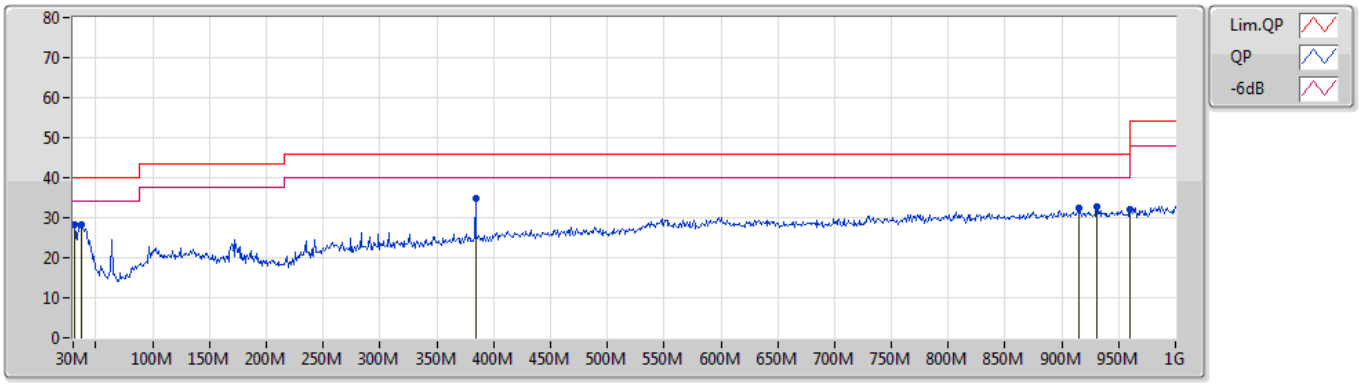
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	36.79M	33.70	40.00	-6.30	Vertical

Mode 3



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	36.79M	33.70	40.00	-6.30	-7.46	3	Vertical	360	1.25	"Worst"	41.16	20.78	0.24	28.48
PK	48.43M	29.59	40.00	-10.41	-13.38	3	Vertical	327	1.00	-	42.97	14.71	0.40	28.49
PK	384.05M	36.17	46.00	-9.83	-5.68	3	Vertical	135	1.50	-	41.85	20.74	2.04	28.46
PK	905.91M	31.95	46.00	-14.05	0.56	3	Vertical	242	3.00	-	31.39	25.75	3.50	28.69
PK	920.46M	31.88	46.00	-14.12	0.49	3	Vertical	149	3.00	-	31.39	25.64	3.50	28.65
PK	945.68M	32.43	46.00	-13.57	0.79	3	Vertical	354	3.00	-	31.64	25.86	3.50	28.57

Mode 3



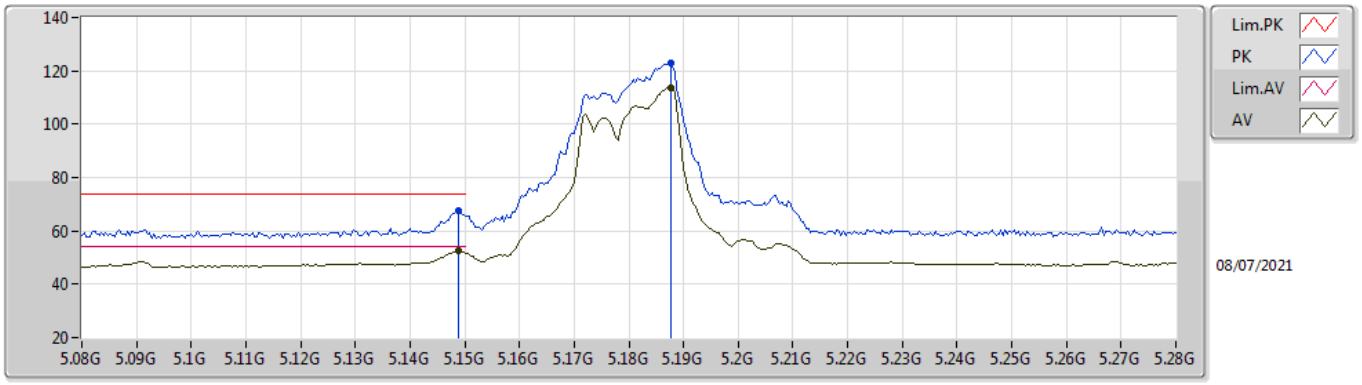
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	28.12	40.00	-11.88	-4.89	3	Horizontal	114	3.00	-	33.01	23.40	0.20	28.49
PK	37.76M	28.44	40.00	-11.56	-7.93	3	Horizontal	238	3.00	-	36.37	20.29	0.26	28.48
PK	384.05M	34.76	46.00	-11.24	-5.68	3	Horizontal	249	1.00	"Worst"	40.44	20.74	2.04	28.46
PK	915M	32.39	46.00	-13.61	0.56	3	Horizontal	244	1.00	-	31.83	25.72	3.50	28.66
PK	931.13M	32.61	46.00	-13.39	0.66	3	Horizontal	55	1.25	-	31.95	25.78	3.50	28.62
PK	960M	32.10	46.00	-13.90	0.95	3	Horizontal	283	1.00	-	31.15	25.94	3.54	28.53

For 4T1S:
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 HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.19	54.00	-0.81	3	Vertical	154.9	1.55	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

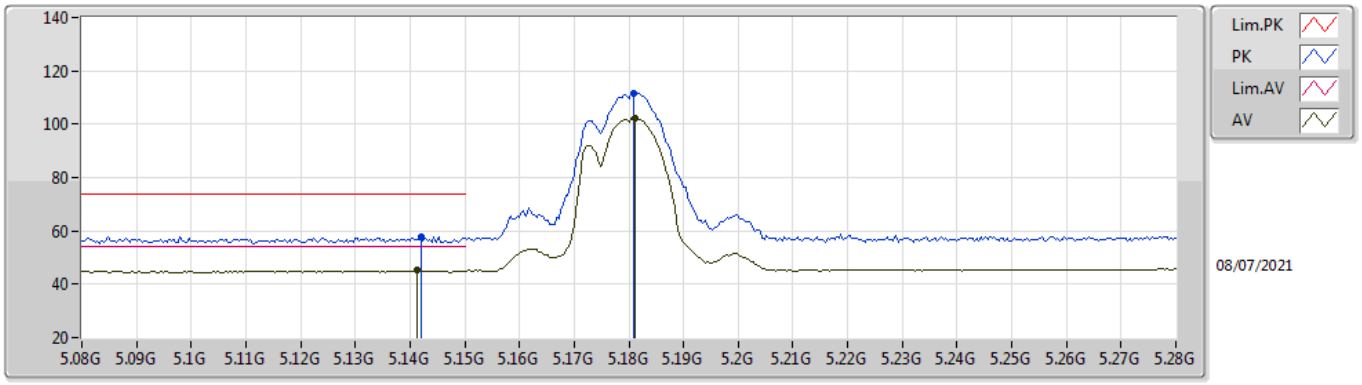


EUT Z_4TX
Setting 20.5
01-A-B-2-10

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	5.1488G	67.70	74.00	-6.30	62.87	3	Vertical	146	1.36	-	32.60	5.17	32.94
AV	5.1488G	52.37	54.00	-1.63	47.54	3	Vertical	146	1.36	-	32.60	5.17	32.94
PK	5.1876G	122.84	Inf	-Inf	117.91	3	Vertical	146	1.36	-	32.68	5.19	32.94
AV	5.1876G	113.64	Inf	-Inf	108.71	3	Vertical	146	1.36	-	32.68	5.19	32.94

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

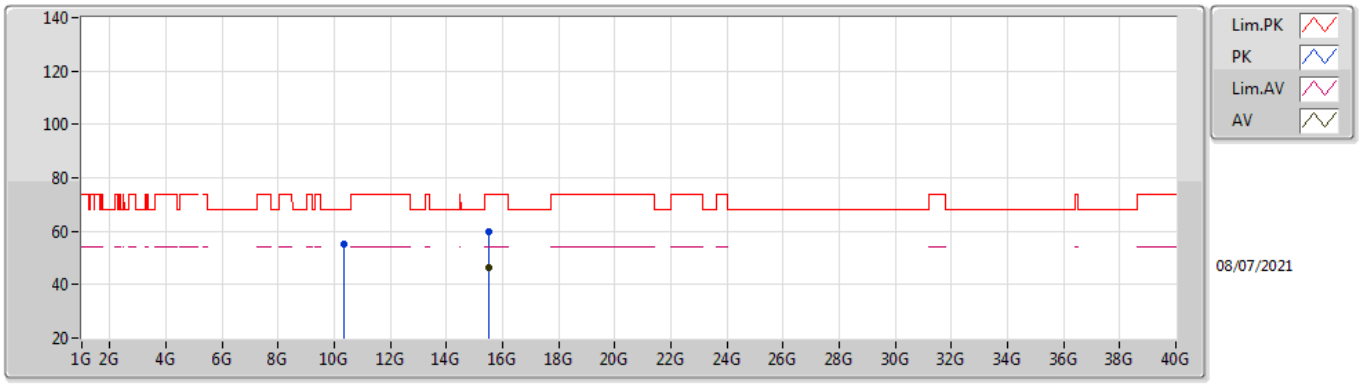


EUT Z_4TX
Setting 20.5
01-A-B-2-10

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	5.142G	57.72	74.00	-16.28	52.89	3	Horizontal	357	1.78	-	32.60	5.17	32.94
AV	5.1412G	45.19	54.00	-8.81	40.36	3	Horizontal	357	1.78	-	32.60	5.17	32.94
PK	5.1808G	111.80	Inf	-Inf	106.89	3	Horizontal	357	1.78	-	32.66	5.19	32.94
AV	5.1812G	102.48	Inf	-Inf	97.57	3	Horizontal	357	1.78	-	32.66	5.19	32.94

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

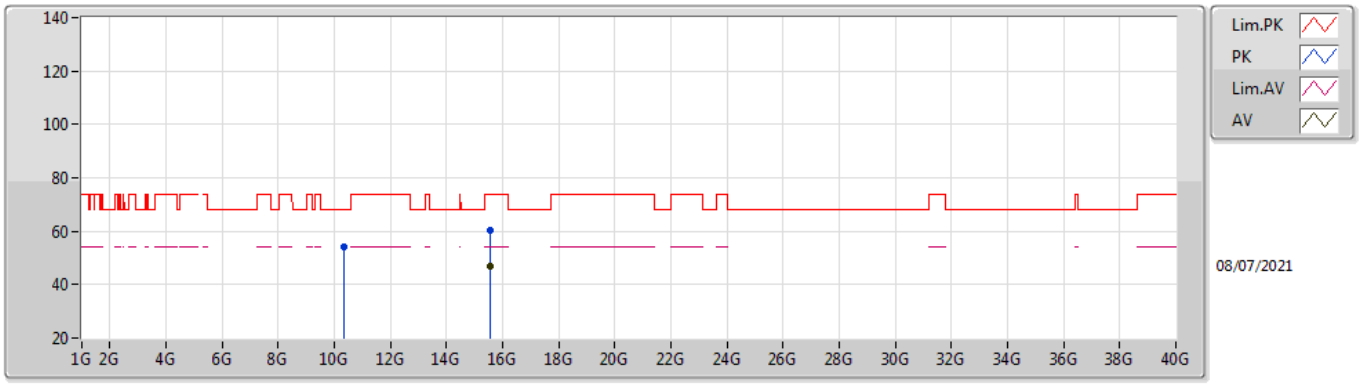


EUT Z_4TX
Setting 20.5
01-A-B-2

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	10.36026G	55.27	68.20	-12.93	42.80	3	Vertical	31	1.42	-	38.16	7.43	33.12
PK	15.5305G	59.74	74.00	-14.26	45.19	3	Vertical	150	1.96	-	38.16	9.21	32.82
AV	15.529G	46.48	54.00	-7.52	31.93	3	Vertical	150	1.96	-	38.16	9.21	32.82

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

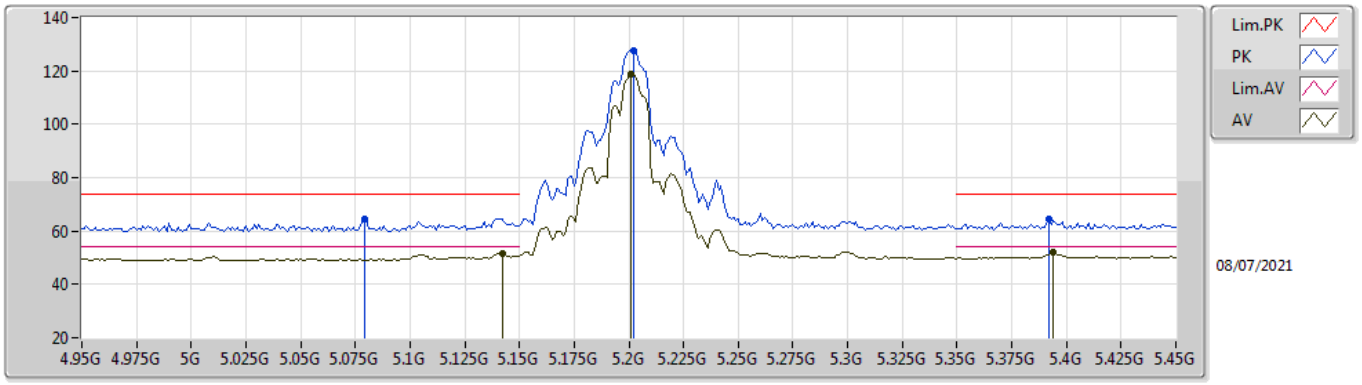


EUT Z_4TX
Setting 20.5
01-A-B-2

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	10.3671G	54.13	68.20	-14.07	41.65	3	Horizontal	327	2.90	-	38.17	7.43	33.12
PK	15.5565G	60.11	74.00	-13.89	45.50	3	Horizontal	127	1.80	-	38.21	9.21	32.81
AV	15.5477G	46.75	54.00	-7.25	32.15	3	Horizontal	127	1.80	-	38.20	9.21	32.81

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

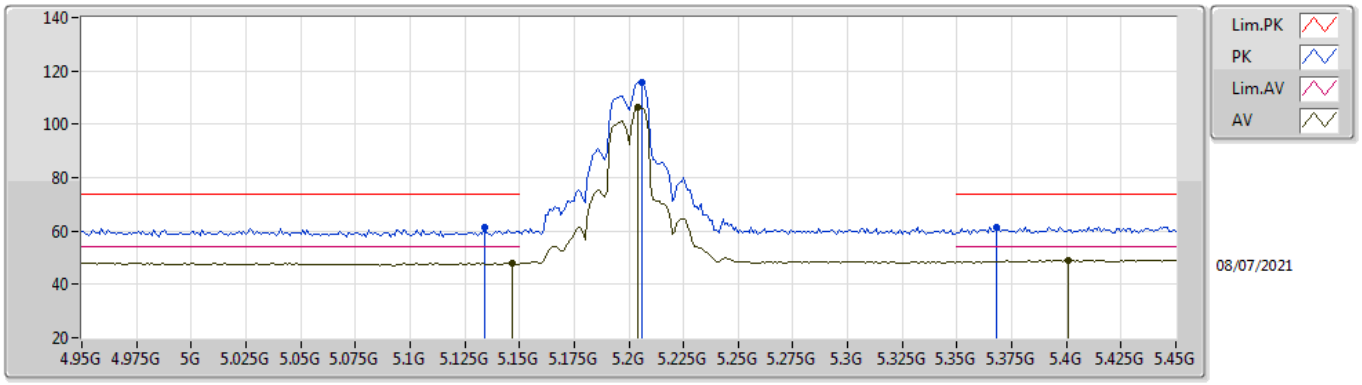


EUT Z_4TX
Setting 25
01-A-B-2-13

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	5.079G	64.70	74.00	-9.30	59.91	3	Vertical	153	1.73	-	32.60	5.14	32.95
AV	5.142G	51.59	54.00	-2.41	46.76	3	Vertical	153	1.73	-	32.60	5.17	32.94
PK	5.202G	127.72	Inf	-Inf	122.76	3	Vertical	153	1.73	-	32.70	5.20	32.94
AV	5.201G	118.88	Inf	-Inf	113.92	3	Vertical	153	1.73	-	32.70	5.20	32.94
PK	5.392G	64.50	74.00	-9.50	58.87	3	Vertical	153	1.73	-	33.15	5.39	32.91
AV	5.394G	51.87	54.00	-2.13	46.23	3	Vertical	153	1.73	-	33.16	5.39	32.91

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

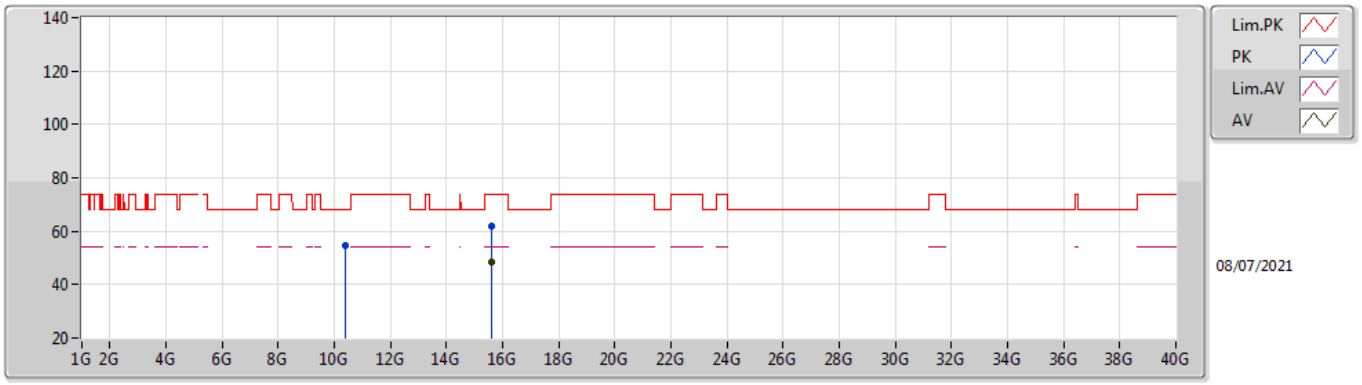


EUT Z_4TX
Setting 25
01-A-B-2-13

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	5.134G	61.28	74.00	-12.72	56.45	3	Horizontal	324	1.65	-	32.60	5.17	32.94
AV	5.147G	47.90	54.00	-6.10	43.07	3	Horizontal	324	1.65	-	32.60	5.17	32.94
PK	5.206G	115.72	Inf	-Inf	110.74	3	Horizontal	324	1.65	-	32.71	5.21	32.94
AV	5.204G	106.31	Inf	-Inf	101.34	3	Horizontal	324	1.65	-	32.71	5.20	32.94
PK	5.368G	61.56	74.00	-12.44	56.10	3	Horizontal	324	1.65	-	33.01	5.37	32.92
AV	5.401G	49.14	54.00	-4.86	43.45	3	Horizontal	324	1.65	-	33.20	5.40	32.91

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

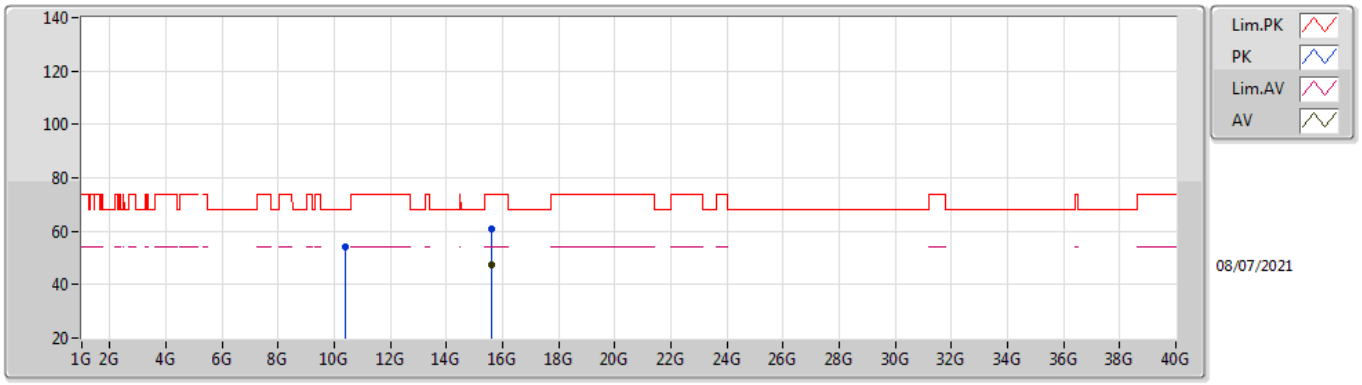


EUT Z_4TX
Setting 25
01-A-B-2

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	10.3792G	54.65	68.20	-13.55	42.15	3	Vertical	20	1.80	-	38.18	7.43	33.11
PK	15.6011G	62.12	74.00	-11.88	47.40	3	Vertical	352	1.51	-	38.30	9.22	32.80
AV	15.6014G	48.65	54.00	-5.35	33.93	3	Vertical	352	1.51	-	38.30	9.22	32.80

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

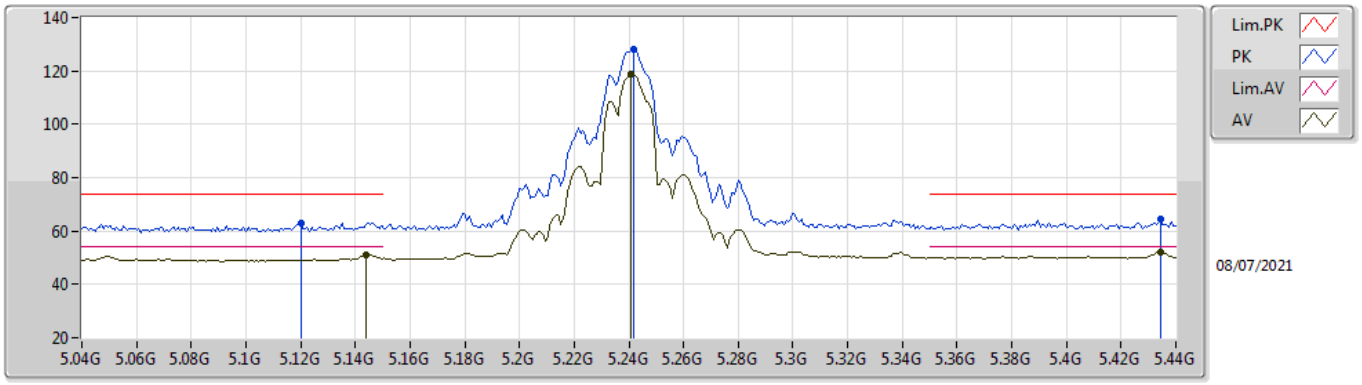


EUT Z_4TX
Setting 25
01-A-B-2

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	10.3944G	54.20	68.20	-14.00	41.66	3	Horizontal	325	1.80	-	38.19	7.44	33.09
PK	15.6022G	61.02	74.00	-12.98	46.30	3	Horizontal	295	2.31	-	38.30	9.22	32.80
AV	15.6021G	47.39	54.00	-6.61	32.67	3	Horizontal	295	2.31	-	38.30	9.22	32.80

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

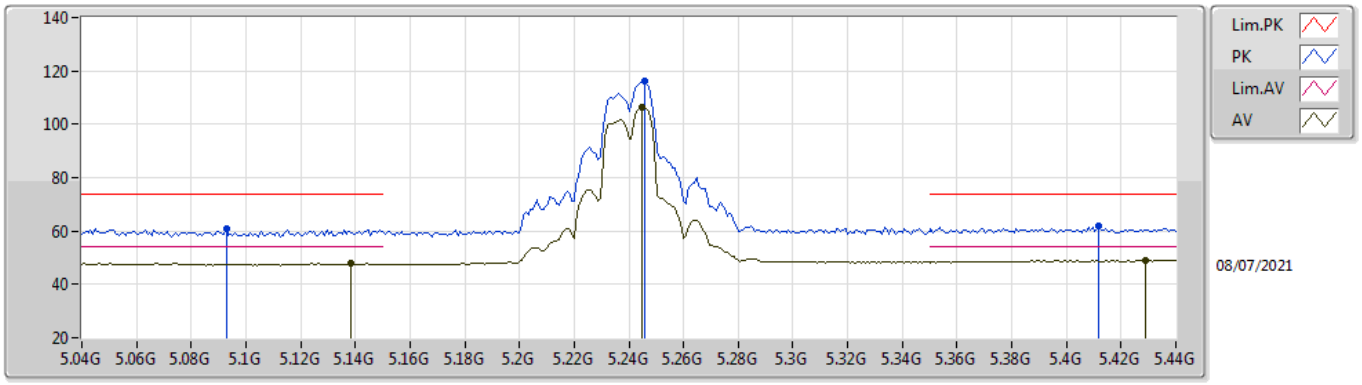


EUT Z_4TX
Setting 25
01-A-B-2-13

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	5.12G	62.88	74.00	-11.12	58.07	3	Vertical	155	1.63	-	32.60	5.16	32.95
AV	5.144G	51.25	54.00	-2.75	46.42	3	Vertical	155	1.63	-	32.60	5.17	32.94
PK	5.2416G	127.93	Inf	-Inf	122.84	3	Vertical	155	1.63	-	32.78	5.24	32.93
AV	5.2408G	118.98	Inf	-Inf	113.89	3	Vertical	155	1.63	-	32.78	5.24	32.93
PK	5.4344G	64.39	74.00	-9.61	58.56	3	Vertical	155	1.63	-	33.34	5.40	32.91
AV	5.4344G	52.11	54.00	-1.89	46.28	3	Vertical	155	1.63	-	33.34	5.40	32.91

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

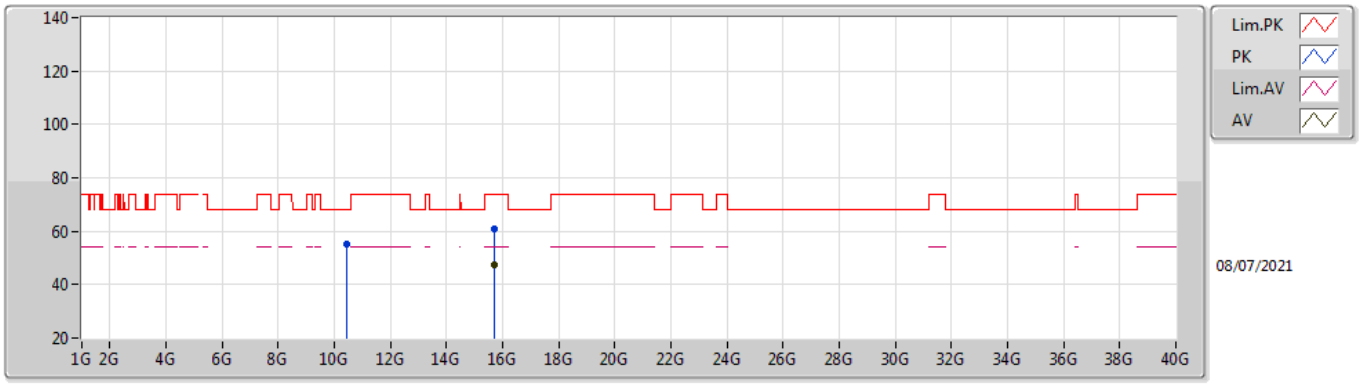


EUT Z_4TX
Setting 25
01-A-B-2-13

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	5.0928G	60.97	74.00	-13.03	56.17	3	Horizontal	323	1.63	-	32.60	5.15	32.95
AV	5.1384G	48.10	54.00	-5.90	43.27	3	Horizontal	323	1.63	-	32.60	5.17	32.94
PK	5.2456G	116.20	Inf	-Inf	111.09	3	Horizontal	323	1.63	-	32.79	5.25	32.93
AV	5.2448G	106.42	Inf	-Inf	101.32	3	Horizontal	323	1.63	-	32.79	5.24	32.93
PK	5.412G	61.82	74.00	-12.18	56.08	3	Horizontal	323	1.63	-	33.25	5.40	32.91
AV	5.4288G	49.07	54.00	-4.93	43.26	3	Horizontal	323	1.63	-	33.32	5.40	32.91

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

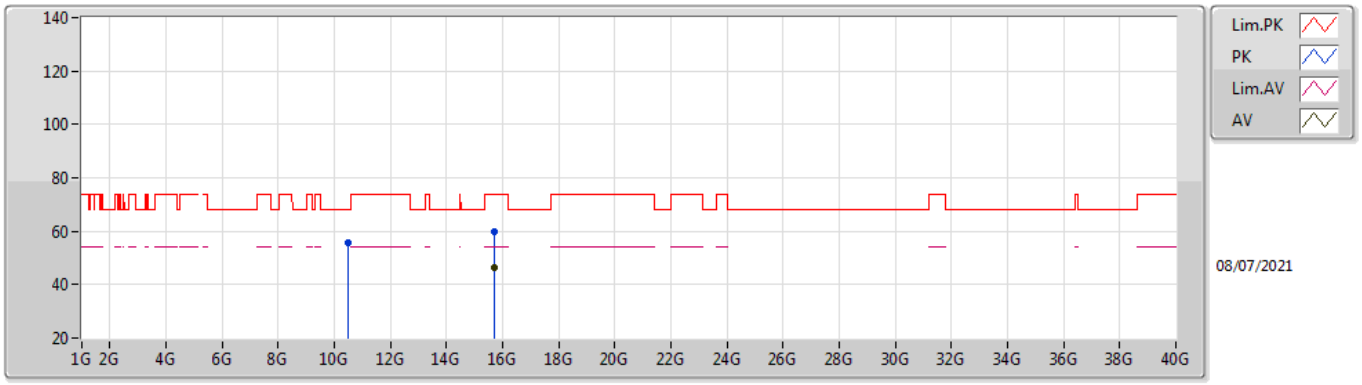


EUT Z_4TX
Setting 25
01-A-B-2

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	10.4662G	55.22	68.20	-12.98	42.47	3	Vertical	38	1.46	-	38.33	7.46	33.04
PK	15.7217G	60.72	74.00	-13.28	45.86	3	Vertical	296	2.75	-	38.40	9.24	32.78
AV	15.7218G	47.23	54.00	-6.77	32.37	3	Vertical	296	2.75	-	38.40	9.24	32.78

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

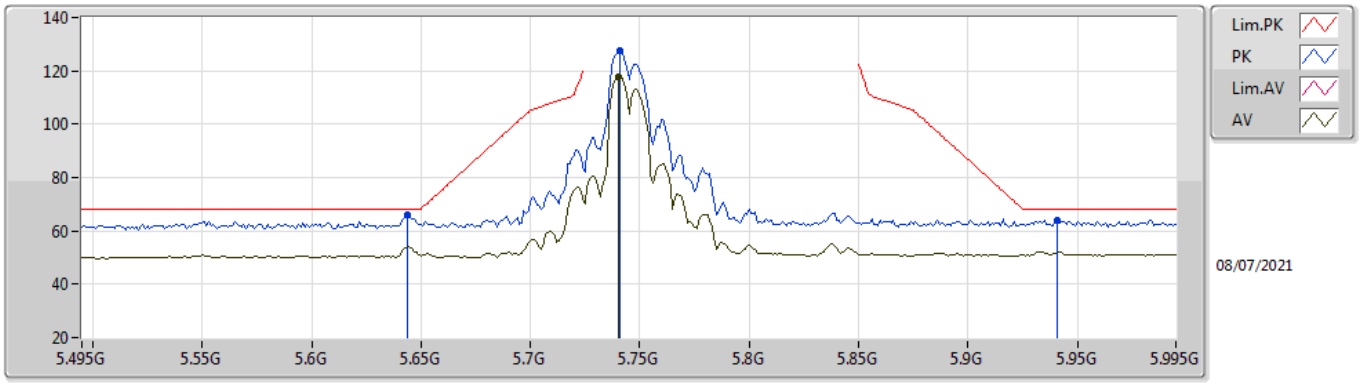


EUT Z_4TX
Setting 25
01-A-B-2

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	10.4817G	55.45	68.20	-12.75	42.64	3	Horizontal	330	2.82	-	38.36	7.47	33.02
PK	15.72G	59.74	74.00	-14.26	44.88	3	Horizontal	312	1.00	-	38.40	9.24	32.78
AV	15.7202G	46.53	54.00	-7.47	31.67	3	Horizontal	312	1.00	-	38.40	9.24	32.78

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

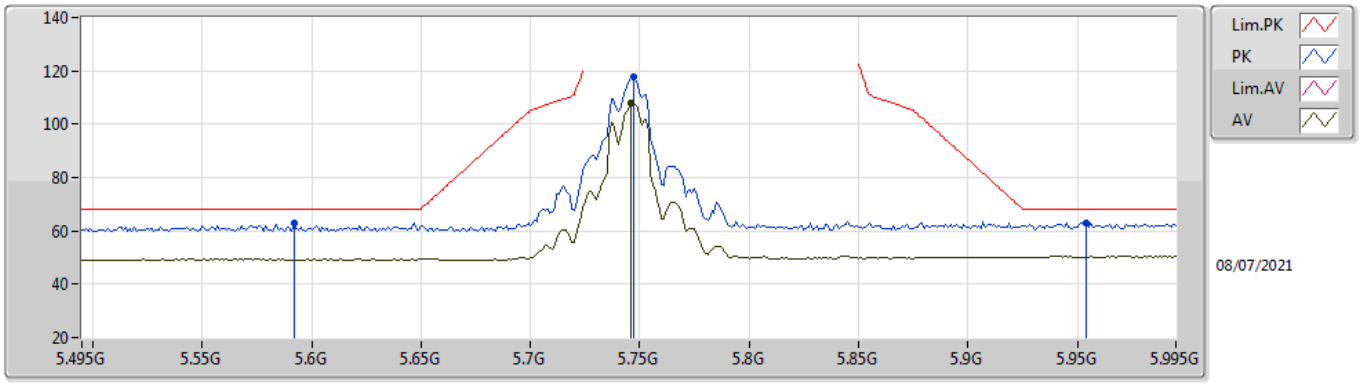


EUT Z_4TX
Setting 25
Sample #3
01-A-B-2-13

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	5.644G	65.94	68.20	-2.26	59.54	3	Vertical	88	2.07	-	33.89	5.42	32.91
PK	5.741G	127.48	Inf	-Inf	120.87	3	Vertical	88	2.07	-	34.06	5.47	32.92
AV	5.74G	117.69	Inf	-Inf	111.08	3	Vertical	88	2.07	-	34.06	5.47	32.92
PK	5.941G	64.10	68.20	-4.10	56.58	3	Vertical	88	2.07	-	34.96	5.50	32.94

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

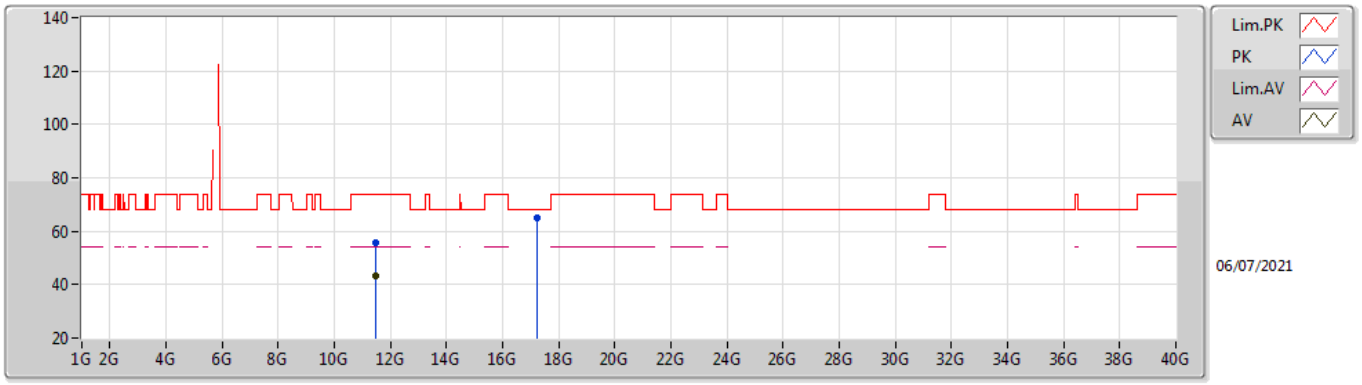


EUT Z_4TX
Setting 25
Sample #3
01-A-B-2-13

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	5.592G	63.15	68.20	-5.05	56.88	3	Horizontal	187	2.37	-	33.78	5.40	32.91
PK	5.747G	117.53	Inf	-Inf	110.89	3	Horizontal	187	2.37	-	34.09	5.47	32.92
AV	5.746G	108.00	Inf	-Inf	101.37	3	Horizontal	187	2.37	-	34.08	5.47	32.92
PK	5.954G	63.12	68.20	-5.08	55.55	3	Horizontal	187	2.37	-	35.02	5.50	32.95

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

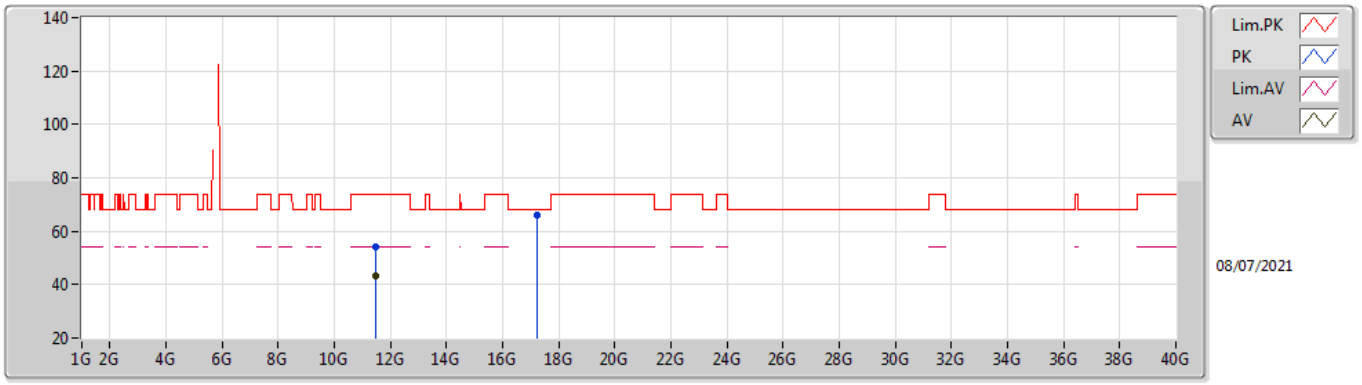


EUT Z_4TX
Setting 25
Sample #3
01-A-B-2

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	11.4902G	55.57	74.00	-18.43	42.16	3	Vertical	324	1.80	-	38.40	7.82	32.81
AV	11.48992G	43.30	54.00	-10.70	29.89	3	Vertical	324	1.80	-	38.40	7.82	32.81
PK	17.24364G	65.22	68.20	-2.98	45.75	3	Vertical	211	2.72	-	41.73	9.74	32.00

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

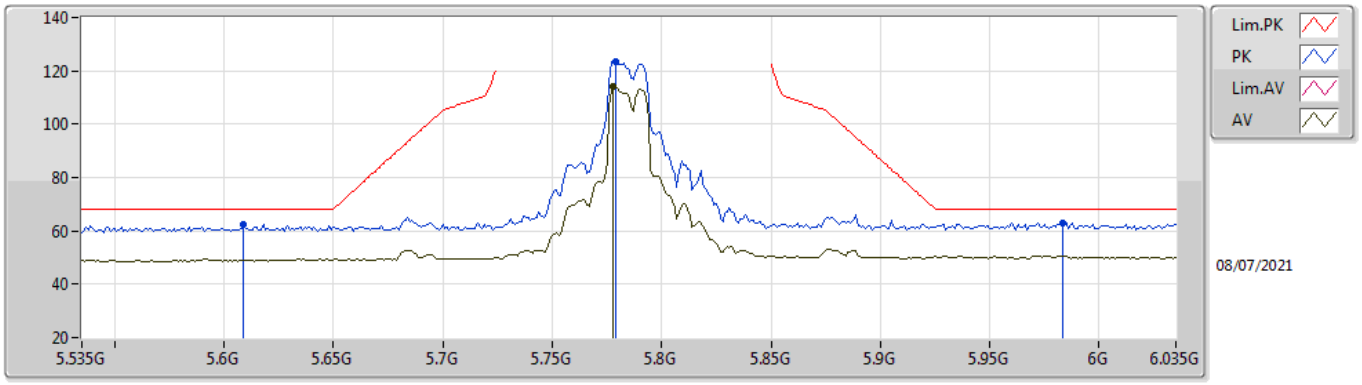


EUT Z_4TX
Setting 25
Sample #3
01-A-B-2

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	11.48284G	54.38	74.00	-19.62	40.97	3	Horizontal	112	1.27	-	38.40	7.82	32.81
AV	11.49004G	43.02	54.00	-10.98	29.61	3	Horizontal	112	1.27	-	38.40	7.82	32.81
PK	17.2311G	65.99	68.20	-2.21	46.58	3	Horizontal	278	1.82	-	41.69	9.73	32.01

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

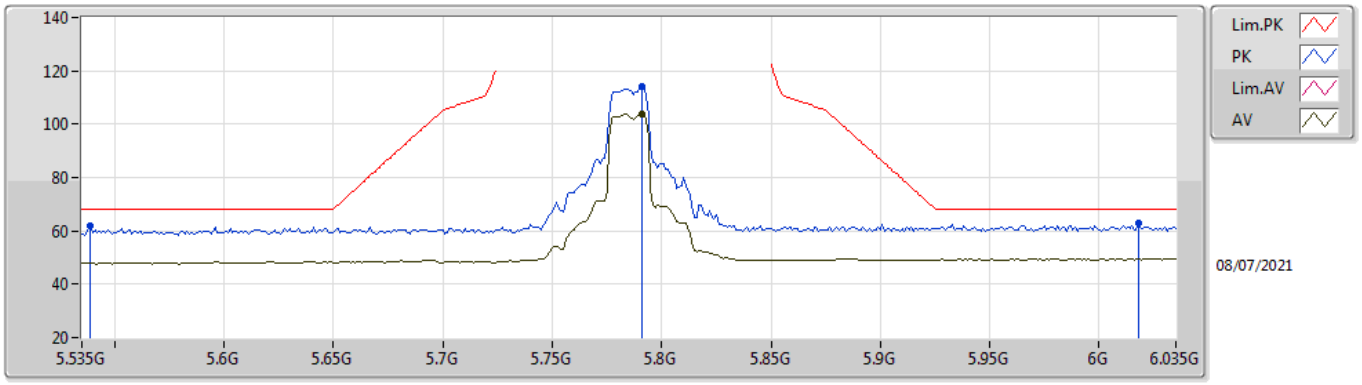


EUT Z_4TX
Setting 24
Sample #3
01-A-B-2-13

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	5.609G	62.49	68.20	-5.71	56.18	3	Vertical	87	1.83	-	33.82	5.40	32.91
PK	5.779G	123.49	Inf	-Inf	116.71	3	Vertical	87	1.83	-	34.22	5.49	32.93
AV	5.778G	114.30	Inf	-Inf	107.53	3	Vertical	87	1.83	-	34.21	5.49	32.93
PK	5.983G	63.10	68.20	-5.10	55.42	3	Vertical	87	1.83	-	35.13	5.50	32.95

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

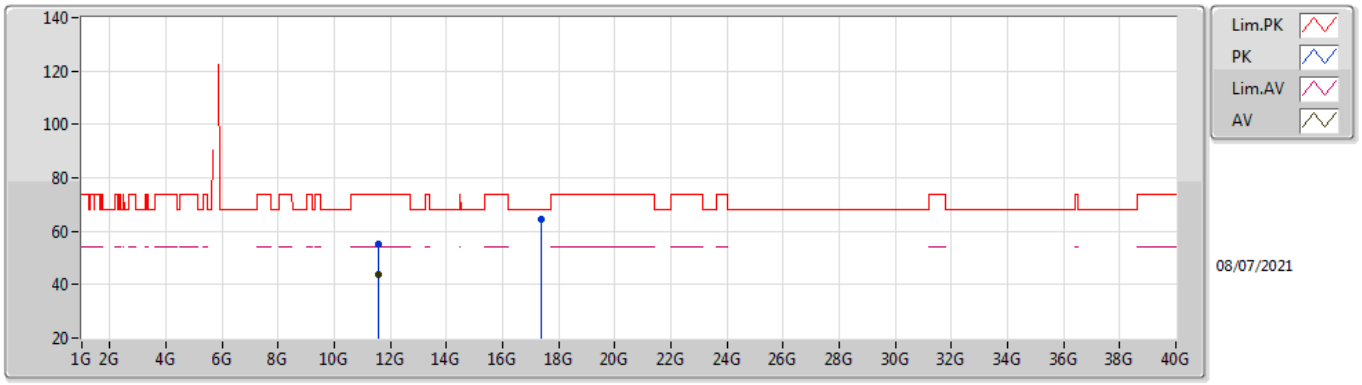


EUT Z_4TX
Setting 24
Sample #3
01-A-B-2-13

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	5.539G	61.69	68.20	-6.51	55.53	3	Horizontal	182	2.58	-	33.66	5.40	32.90
PK	5.791G	113.91	Inf	-Inf	107.08	3	Horizontal	182	2.58	-	34.26	5.50	32.93
AV	5.791G	103.97	Inf	-Inf	97.14	3	Horizontal	182	2.58	-	34.26	5.50	32.93
PK	6.018G	62.86	68.20	-5.34	55.07	3	Horizontal	182	2.58	-	35.20	5.54	32.95

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

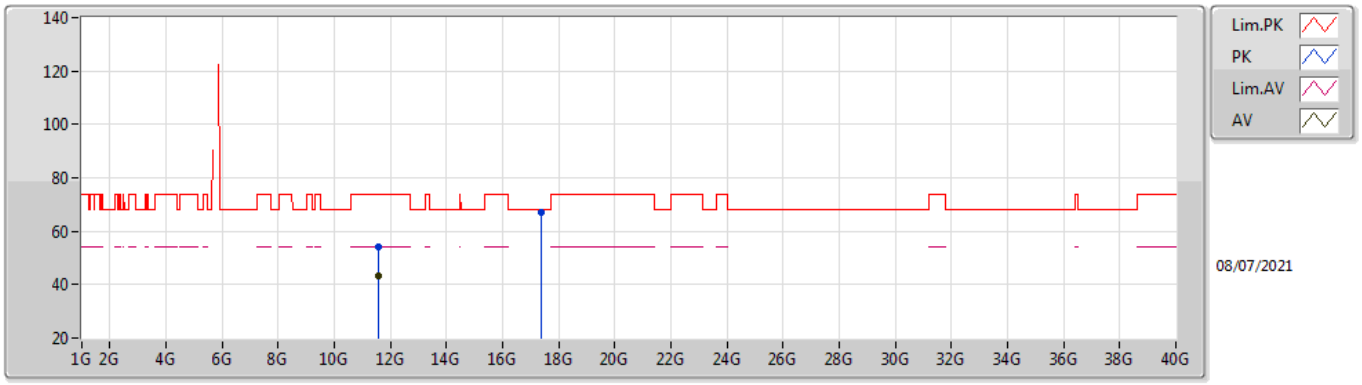


EUT Z_4TX
Setting 24
Sample #3
01-B-B-2

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	11.55806G	55.02	74.00	-18.98	41.59	3	Vertical	358	1.91	-	38.40	7.85	32.82
AV	11.56994G	44.05	54.00	-9.95	30.62	3	Vertical	358	1.91	-	38.40	7.85	32.82
PK	17.3628G	64.74	68.20	-3.46	44.75	3	Vertical	338	1.80	-	42.15	9.78	31.94

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

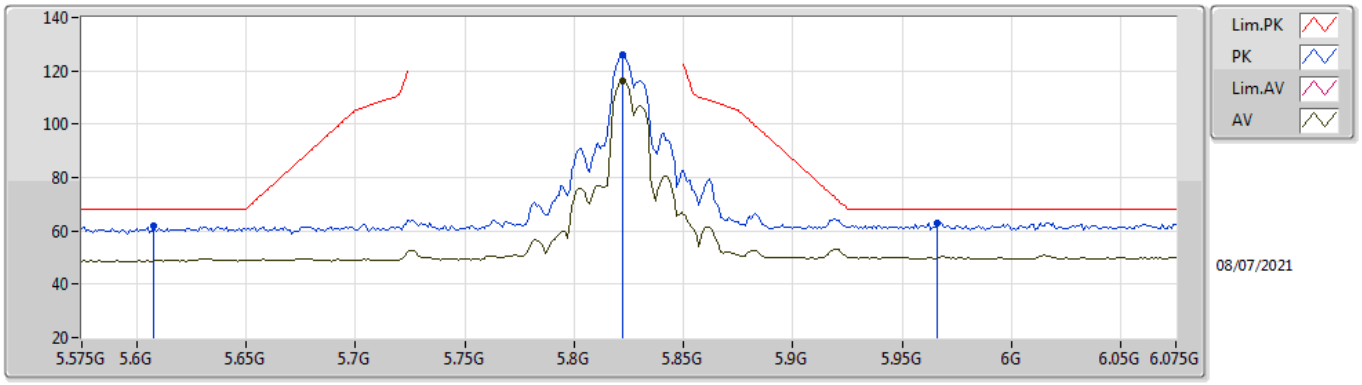


EUT Z_4TX
Setting 24
Sample #3
01-B-B-2

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	11.57006G	54.03	74.00	-19.97	40.60	3	Horizontal	34	2.21	-	38.40	7.85	32.82
AV	11.57G	43.34	54.00	-10.66	29.91	3	Horizontal	34	2.21	-	38.40	7.85	32.82
PK	17.3616G	67.08	68.20	-1.12	47.09	3	Horizontal	307	1.85	-	42.15	9.78	31.94

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

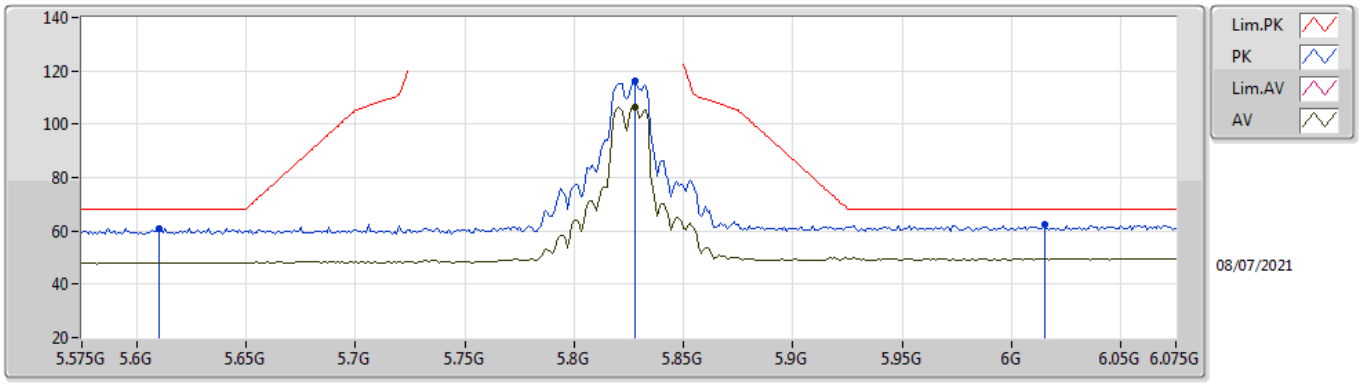


EUT Z_4TX
Setting 24
Sample #3
01-A-B-2-13

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	5.608G	62.03	68.20	-6.17	55.72	3	Vertical	207	1.49	-	33.82	5.40	32.91
PK	5.822G	125.79	Inf	-Inf	118.83	3	Vertical	207	1.49	-	34.39	5.50	32.93
AV	5.822G	116.42	Inf	-Inf	109.46	3	Vertical	207	1.49	-	34.39	5.50	32.93
PK	5.966G	63.13	68.20	-5.07	55.52	3	Vertical	207	1.49	-	35.06	5.50	32.95

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

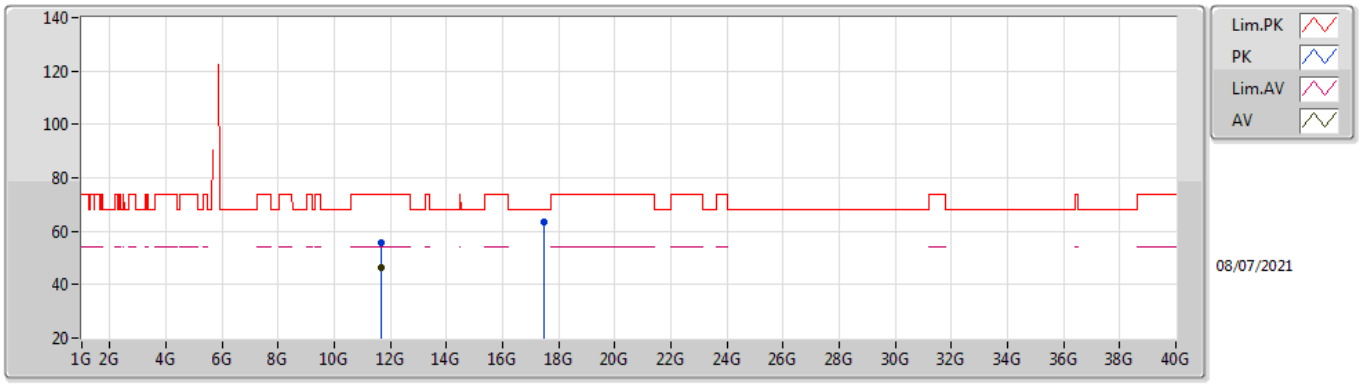


EUT Z_4TX
Setting 24
Sample #3
01-A-B-2-13

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	5.61G	61.05	68.20	-7.15	54.73	3	Horizontal	183	2.97	-	33.82	5.41	32.91
PK	5.828G	116.01	Inf	-Inf	109.03	3	Horizontal	183	2.97	-	34.41	5.50	32.93
AV	5.828G	106.41	Inf	-Inf	99.43	3	Horizontal	183	2.97	-	34.41	5.50	32.93
PK	6.015G	62.34	68.20	-5.86	54.56	3	Horizontal	183	2.97	-	35.20	5.53	32.95

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

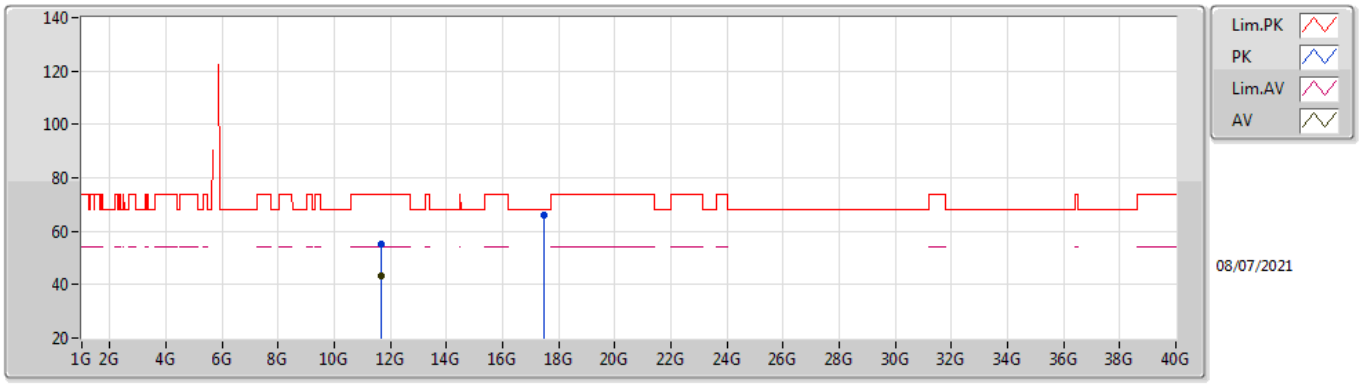


EUT Z_4TX
Setting 24
Sample #3
01-B-B-2

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	11.6531G	55.58	74.00	-18.42	42.08	3	Vertical	32.2	2.14	-	38.45	7.88	32.83
AV	11.65G	46.26	54.00	-7.74	32.76	3	Vertical	32.2	2.14	-	38.45	7.88	32.83
PK	17.4769G	63.47	68.20	-4.73	43.23	3	Vertical	357	1.30	-	42.30	9.82	31.88

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

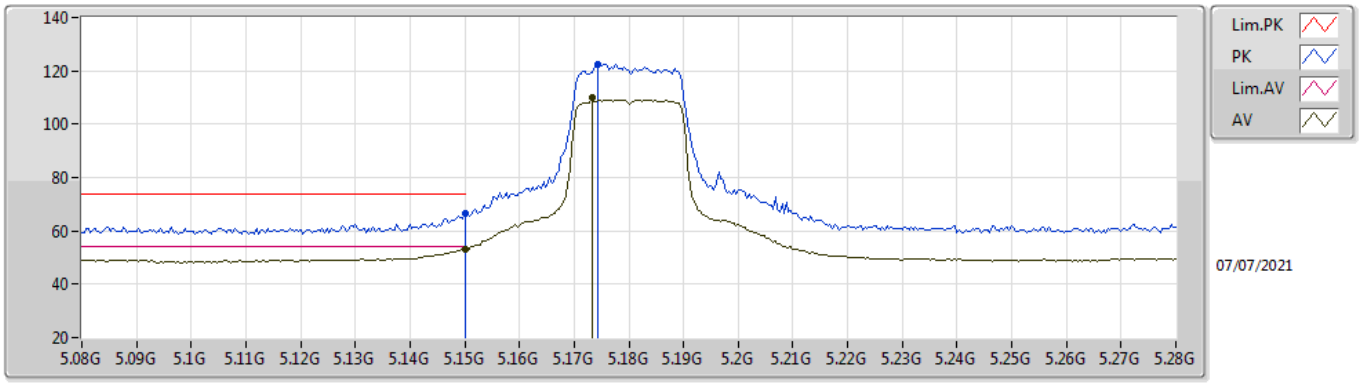


EUT Z_4TX
Setting 24
Sample #3
01-B-B-2

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	11.6582G	55.43	74.00	-18.57	41.92	3	Horizontal	360	2.16	-	38.46	7.88	32.83
AV	11.65G	43.23	54.00	-10.77	29.73	3	Horizontal	360	2.16	-	38.45	7.88	32.83
PK	17.4752G	66.25	68.20	-1.95	46.01	3	Horizontal	308	1.86	-	42.30	9.82	31.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

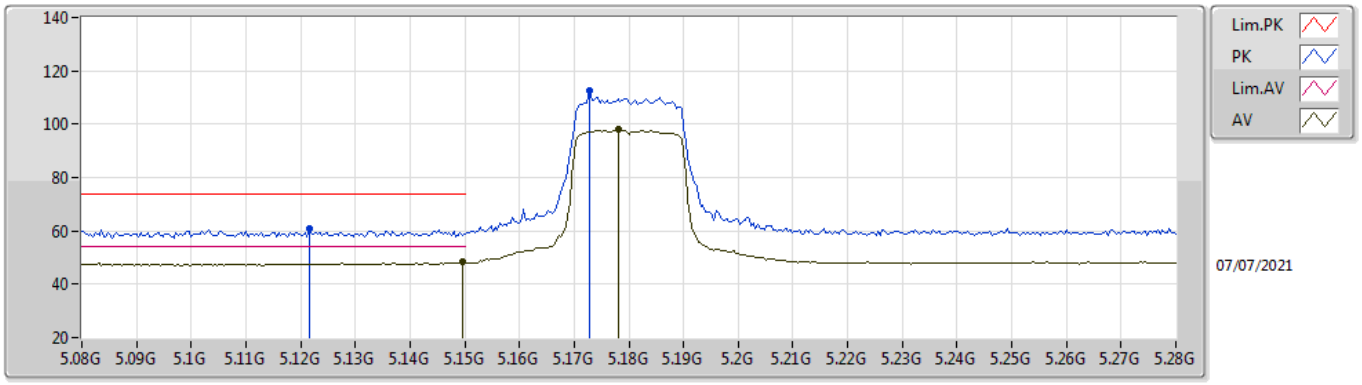


EUT Z_4TX
Setting 27
Sample #3
01-A-B-2-13

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	5.15G	66.80	74.00	-7.20	61.97	3	Vertical	154.9	1.55	-	32.60	5.17	32.94
AV	5.15G	53.19	54.00	-0.81	48.36	3	Vertical	154.9	1.55	-	32.60	5.17	32.94
PK	5.1744G	122.58	Inf	-Inf	117.68	3	Vertical	154.9	1.55	-	32.65	5.19	32.94
AV	5.1732G	110.17	Inf	-Inf	105.27	3	Vertical	154.9	1.55	-	32.65	5.19	32.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

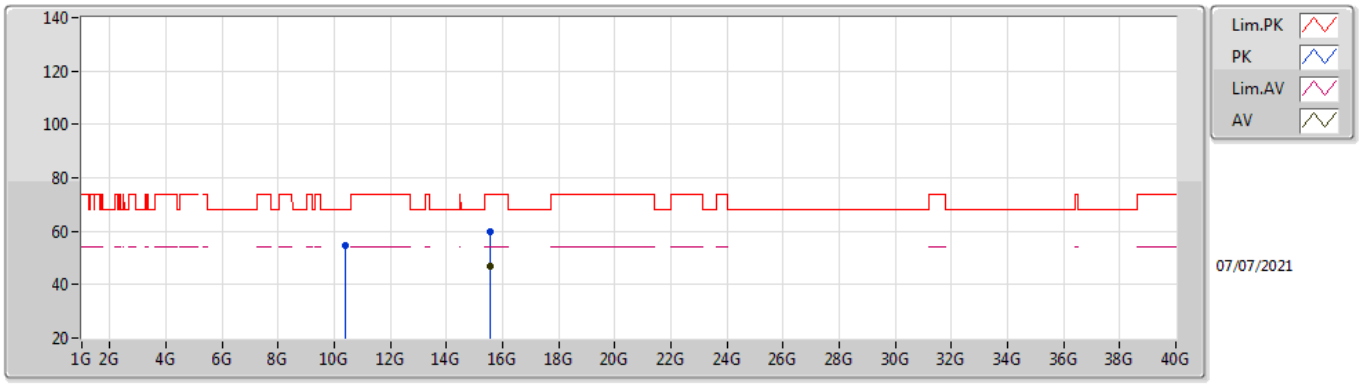


EUT Z_4TX
Setting 27
Sample #3
01-A-B-2-13

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	5.1216G	60.77	74.00	-13.23	55.96	3	Horizontal	330.6	1.60	-	32.60	5.16	32.95
AV	5.1496G	48.20	54.00	-5.80	43.37	3	Horizontal	330.6	1.60	-	32.60	5.17	32.94
PK	5.1728G	112.42	Inf	-Inf	107.52	3	Horizontal	330.6	1.60	-	32.65	5.19	32.94
AV	5.178G	98.10	Inf	-Inf	93.19	3	Horizontal	330.6	1.60	-	32.66	5.19	32.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

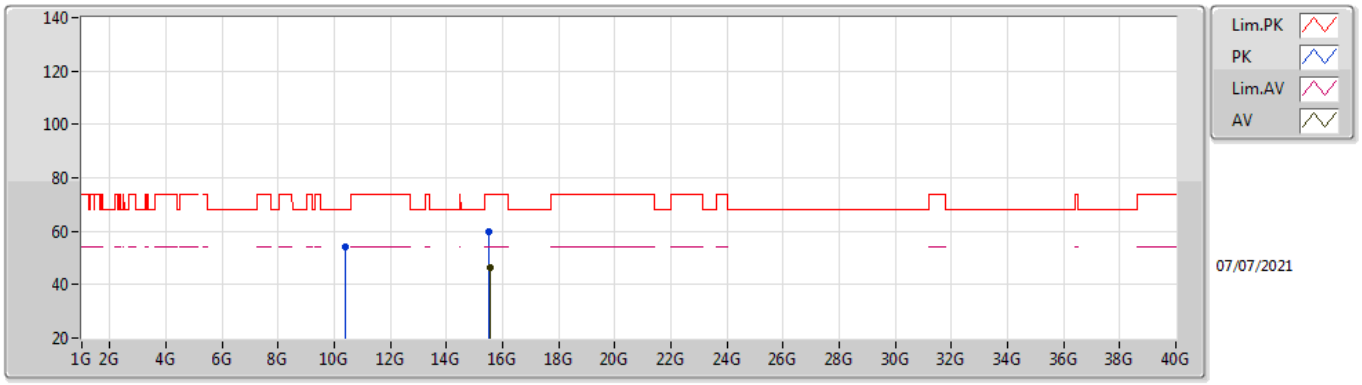


EUT Z_4TX
Setting 27
Sample #3
01-A-B-2

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	10.36906G	54.50	68.20	-13.70	42.01	3	Vertical	252	1.26	-	38.17	7.43	33.11
PK	15.54024G	59.93	74.00	-14.07	45.35	3	Vertical	188	1.80	-	38.18	9.21	32.81
AV	15.53862G	46.72	54.00	-7.28	32.14	3	Vertical	188	1.80	-	38.18	9.21	32.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

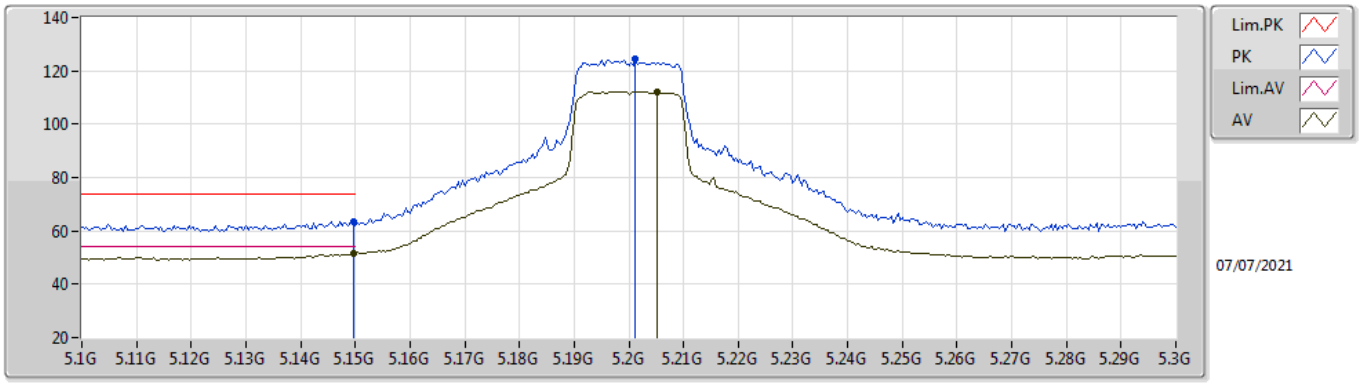


EUT Z_4TX
Setting 27
Sample #3
01-A-B-2

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	10.36984G	53.95	68.20	-14.25	41.46	3	Horizontal	259	1.80	-	38.17	7.43	33.11
PK	15.53214G	59.92	74.00	-14.08	45.36	3	Horizontal	336	1.42	-	38.16	9.21	32.81
AV	15.53478G	46.20	54.00	-7.80	31.63	3	Horizontal	336	1.42	-	38.17	9.21	32.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

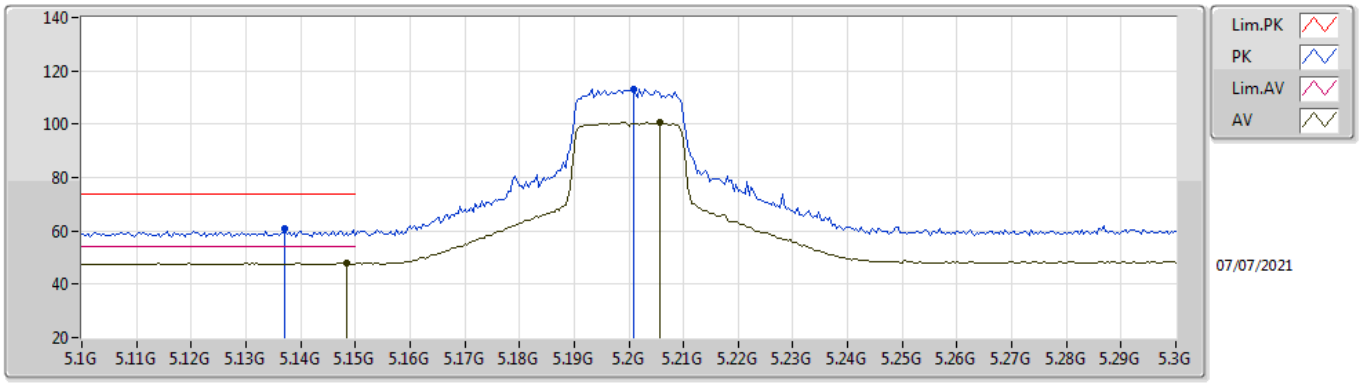


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.1496G	63.70	74.00	-10.30	58.87	3	Vertical	162.1	1.56	-	32.60	5.17	32.94
AV	5.1496G	51.53	54.00	-2.47	46.70	3	Vertical	162.1	1.56	-	32.60	5.17	32.94
PK	5.2012G	124.23	Inf	-Inf	119.27	3	Vertical	162.1	1.56	-	32.70	5.20	32.94
AV	5.2052G	112.24	Inf	-Inf	107.26	3	Vertical	162.1	1.56	-	32.71	5.21	32.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

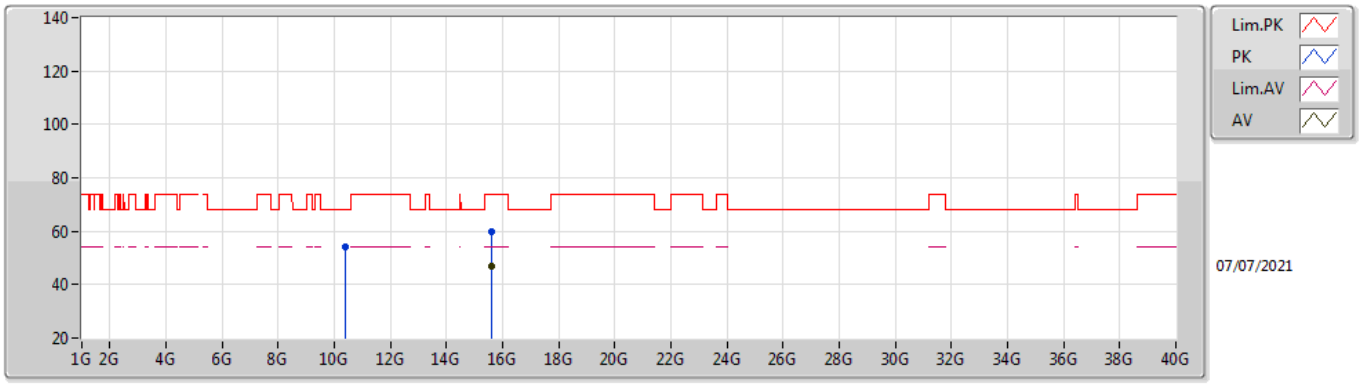


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.1372G	60.95	74.00	-13.05	56.12	3	Horizontal	332.3	1.63	-	32.60	5.17	32.94
AV	5.1484G	47.79	54.00	-6.21	42.96	3	Horizontal	332.3	1.63	-	32.60	5.17	32.94
PK	5.2008G	113.22	Inf	-Inf	108.26	3	Horizontal	332.3	1.63	-	32.70	5.20	32.94
AV	5.2056G	100.54	Inf	-Inf	95.56	3	Horizontal	332.3	1.63	-	32.71	5.21	32.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

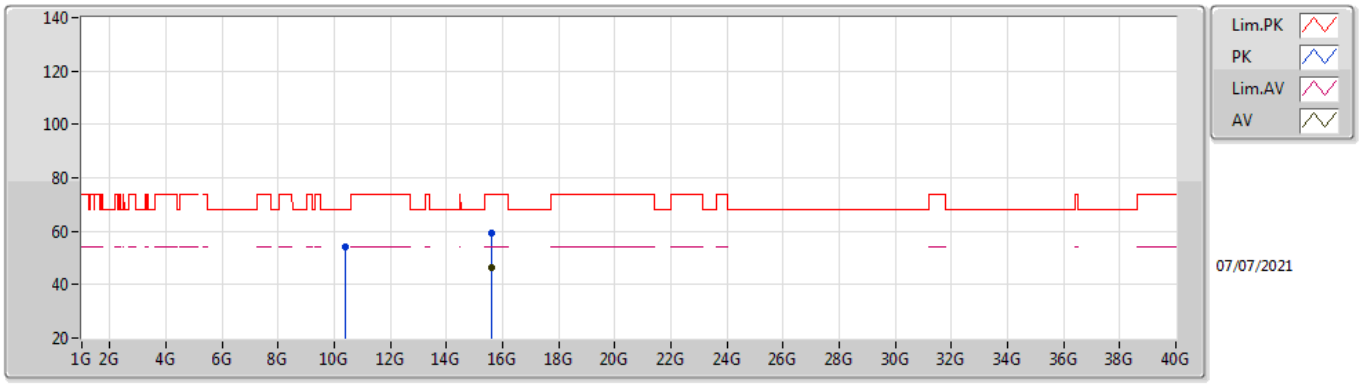


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	10.3991G	54.15	68.20	-14.05	41.60	3	Vertical	31	1.81	-	38.20	7.44	33.09
PK	15.609G	59.98	74.00	-14.02	45.25	3	Vertical	47.6	1.80	-	38.31	9.22	32.80
AV	15.5943G	46.96	54.00	-7.04	32.25	3	Vertical	47.6	1.80	-	38.29	9.22	32.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

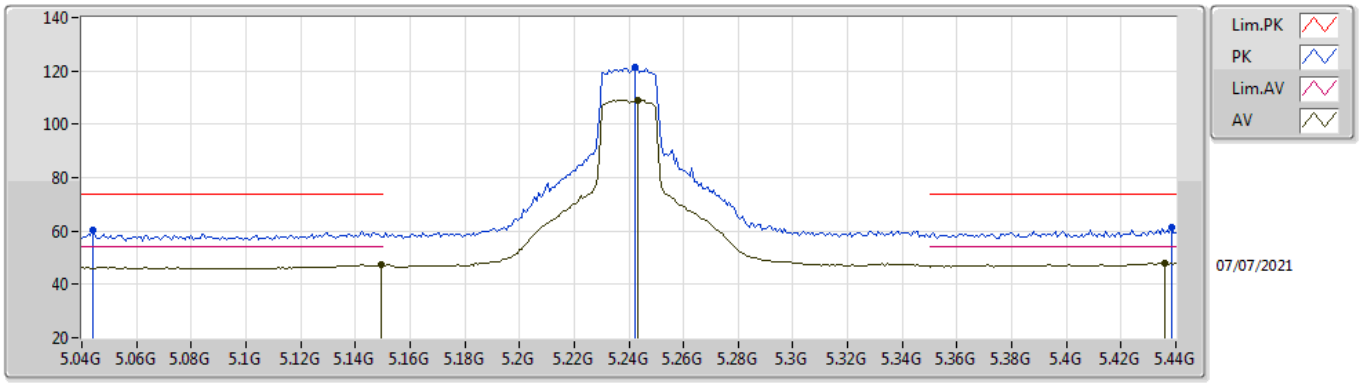


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	10.40006G	54.01	68.20	-14.19	41.46	3	Horizontal	332	1.80	-	38.20	7.44	33.09
PK	15.5901G	59.51	74.00	-14.49	44.82	3	Horizontal	314	2.96	-	38.28	9.22	32.81
AV	15.59346G	46.38	54.00	-7.62	31.68	3	Horizontal	314	2.96	-	38.29	9.22	32.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

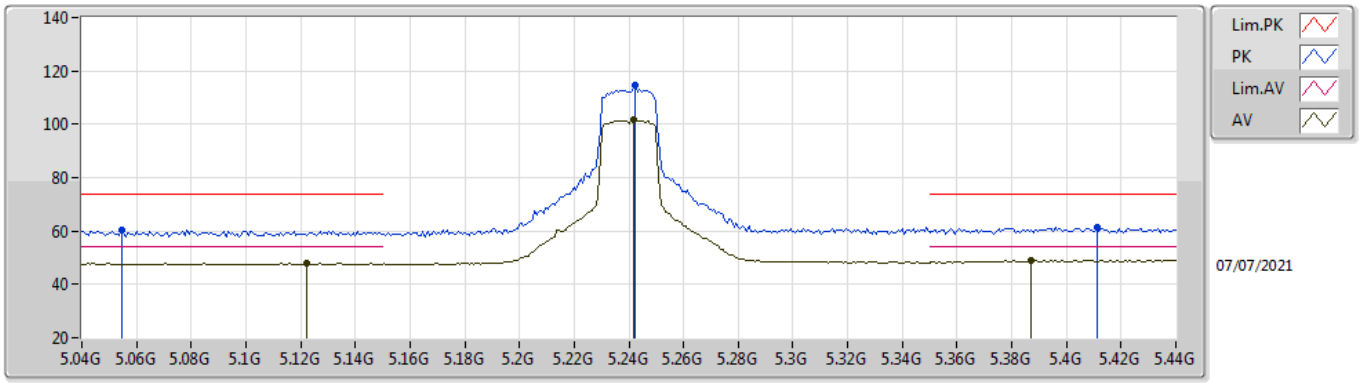


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.044G	60.20	74.00	-13.80	55.42	3	Vertical	127.6	1.78	-	32.61	5.12	32.95
AV	5.1496G	47.34	54.00	-6.66	42.51	3	Vertical	127.6	1.78	-	32.60	5.17	32.94
PK	5.2424G	121.57	Inf	-Inf	116.48	3	Vertical	127.6	1.78	-	32.78	5.24	32.93
AV	5.2432G	109.07	Inf	-Inf	103.97	3	Vertical	127.6	1.78	-	32.79	5.24	32.93
PK	5.4384G	61.29	74.00	-12.71	55.45	3	Vertical	127.6	1.78	-	33.35	5.40	32.91
AV	5.436G	47.99	54.00	-6.01	42.16	3	Vertical	127.6	1.78	-	33.34	5.40	32.91

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

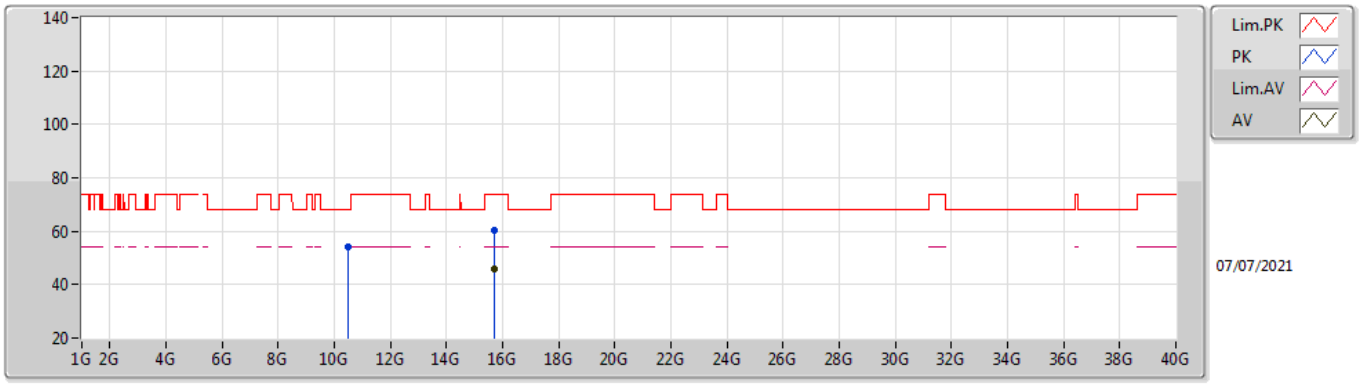


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.0544G	60.31	74.00	-13.69	55.53	3	Horizontal	330	1.80	-	32.60	5.13	32.95
AV	5.1224G	47.80	54.00	-6.20	42.99	3	Horizontal	330	1.80	-	32.60	5.16	32.95
PK	5.2424G	114.73	Inf	-Inf	109.64	3	Horizontal	330	1.80	-	32.78	5.24	32.93
AV	5.2416G	101.75	Inf	-Inf	96.66	3	Horizontal	330	1.80	-	32.78	5.24	32.93
PK	5.4112G	61.59	74.00	-12.41	55.86	3	Horizontal	330	1.80	-	33.24	5.40	32.91
AV	5.3872G	49.03	54.00	-4.97	43.43	3	Horizontal	330	1.80	-	33.12	5.39	32.91

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

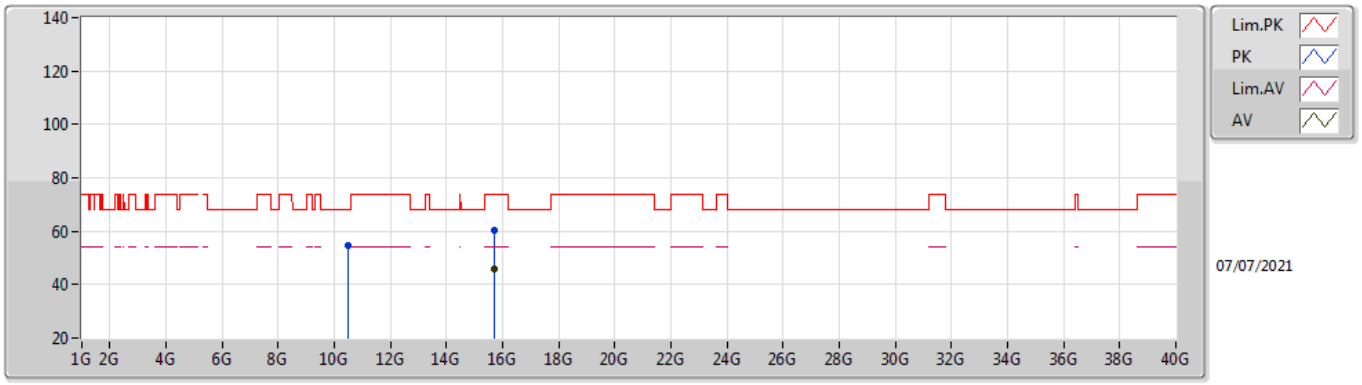


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	10.48102G	54.39	68.20	-13.81	41.59	3	Vertical	27	1.96	-	38.36	7.47	33.03
PK	15.72438G	60.12	74.00	-13.88	45.26	3	Vertical	0.6	1.80	-	38.40	9.24	32.78
AV	15.71784G	46.10	54.00	-7.90	31.25	3	Vertical	0.6	1.80	-	38.40	9.24	32.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

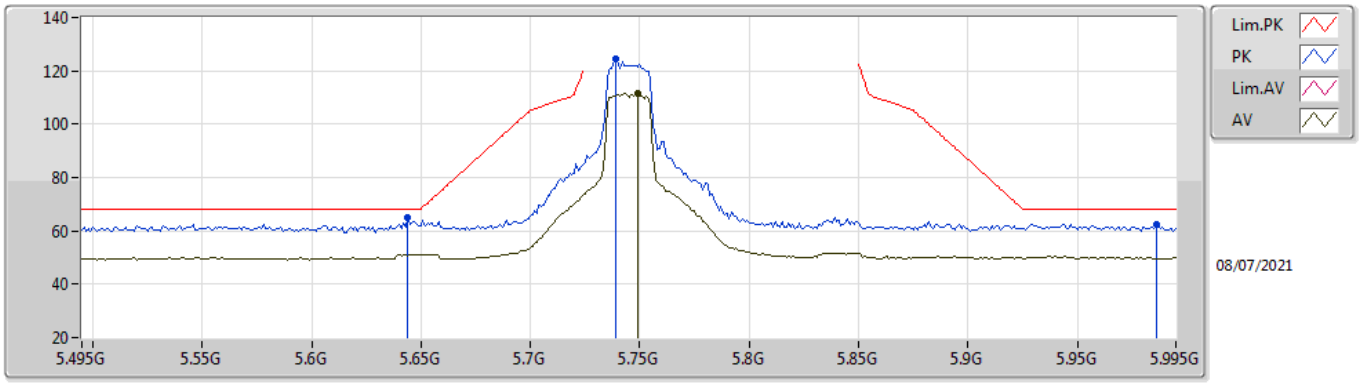


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	10.46818G	54.60	68.20	-13.60	41.84	3	Horizontal	331	1.69	-	38.34	7.46	33.04
PK	15.71388G	60.52	74.00	-13.48	45.67	3	Horizontal	323	1.96	-	38.40	9.24	32.79
AV	15.71508G	45.87	54.00	-8.13	31.02	3	Horizontal	323	1.96	-	38.40	9.24	32.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

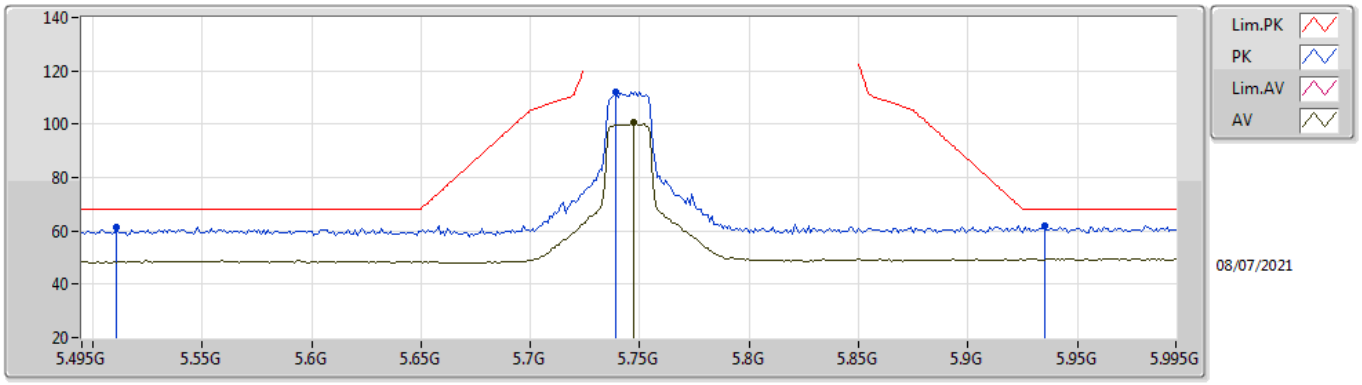


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.644G	65.00	68.20	-3.20	58.60	3	Vertical	114.5	1.80	-	33.89	5.42	32.91
PK	5.739G	124.66	Inf	-Inf	118.05	3	Vertical	114.5	1.80	-	34.06	5.47	32.92
AV	5.749G	111.53	Inf	-Inf	104.88	3	Vertical	114.5	1.80	-	34.10	5.47	32.92
PK	5.986G	62.52	68.20	-5.68	54.83	3	Vertical	114.5	1.80	-	35.14	5.50	32.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

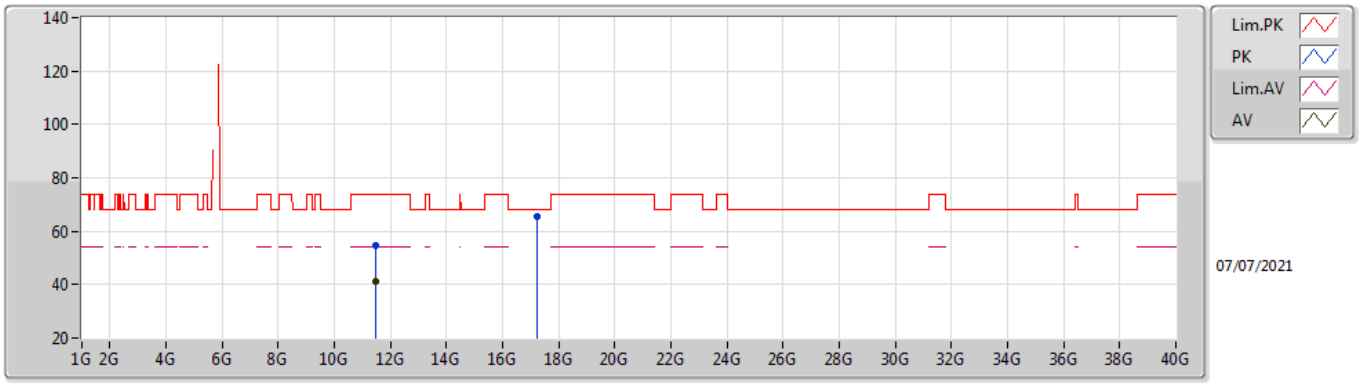


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.511G	61.29	68.20	-6.91	55.25	3	Horizontal	132	2.13	-	33.54	5.40	32.90
PK	5.739G	112.24	Inf	-Inf	105.63	3	Horizontal	132	2.13	-	34.06	5.47	32.92
AV	5.747G	100.73	Inf	-Inf	94.09	3	Horizontal	132	2.13	-	34.09	5.47	32.92
PK	5.935G	61.88	68.20	-6.32	54.38	3	Horizontal	132	2.13	-	34.94	5.50	32.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

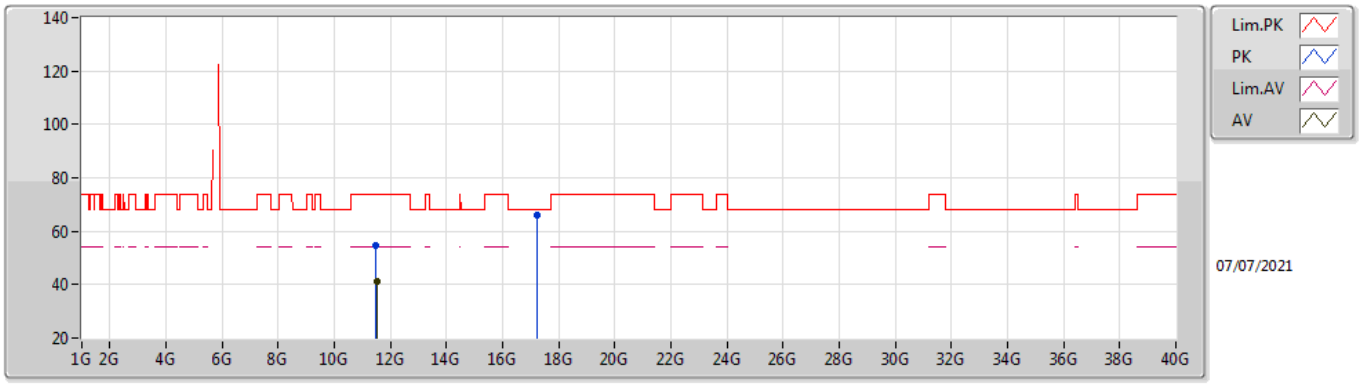


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.49558G	54.71	74.00	-19.29	41.30	3	Vertical	332	1.80	-	38.40	7.82	32.81
AV	11.4903G	41.45	54.00	-12.55	28.04	3	Vertical	332	1.80	-	38.40	7.82	32.81
PK	17.24034G	65.52	68.20	-2.68	46.08	3	Vertical	327	2.57	-	41.72	9.73	32.01

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

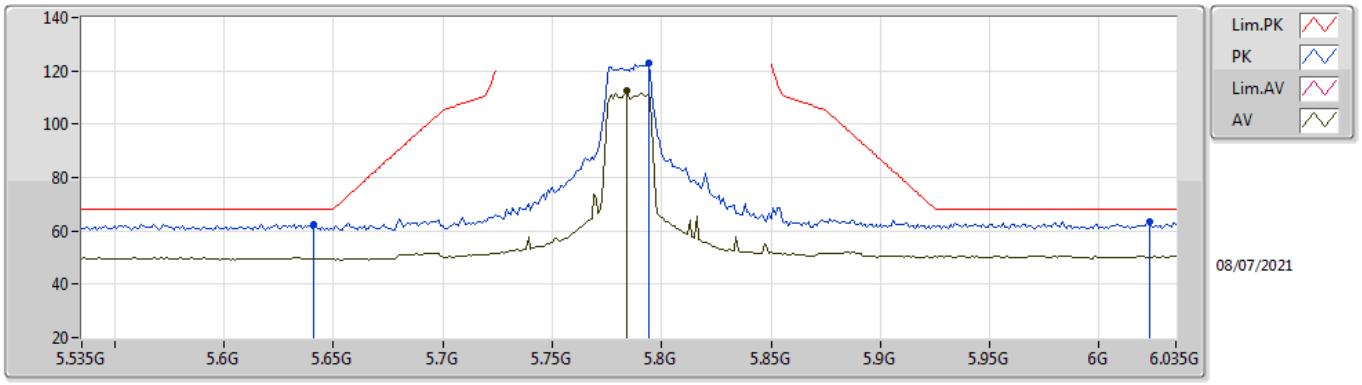


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.48016G	54.85	74.00	-19.15	41.44	3	Horizontal	299	1.80	-	38.40	7.82	32.81
AV	11.5008G	41.03	54.00	-12.97	27.61	3	Horizontal	299	1.80	-	38.40	7.83	32.81
PK	17.2427G	66.02	68.20	-2.18	46.56	3	Horizontal	311	1.80	-	41.73	9.73	32.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

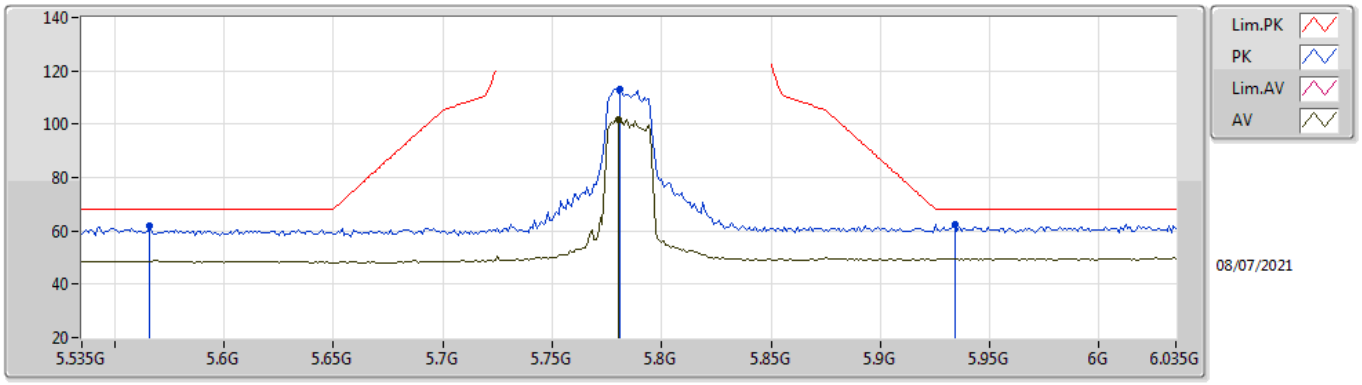


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.641G	62.55	68.20	-5.65	56.16	3	Vertical	127	1.54	-	33.88	5.42	32.91
PK	5.794G	123.09	Inf	-Inf	116.24	3	Vertical	127	1.54	-	34.28	5.50	32.93
AV	5.784G	112.52	Inf	-Inf	105.72	3	Vertical	127	1.54	-	34.24	5.49	32.93
PK	6.023G	63.34	68.20	-4.86	55.54	3	Vertical	127	1.54	-	35.20	5.55	32.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

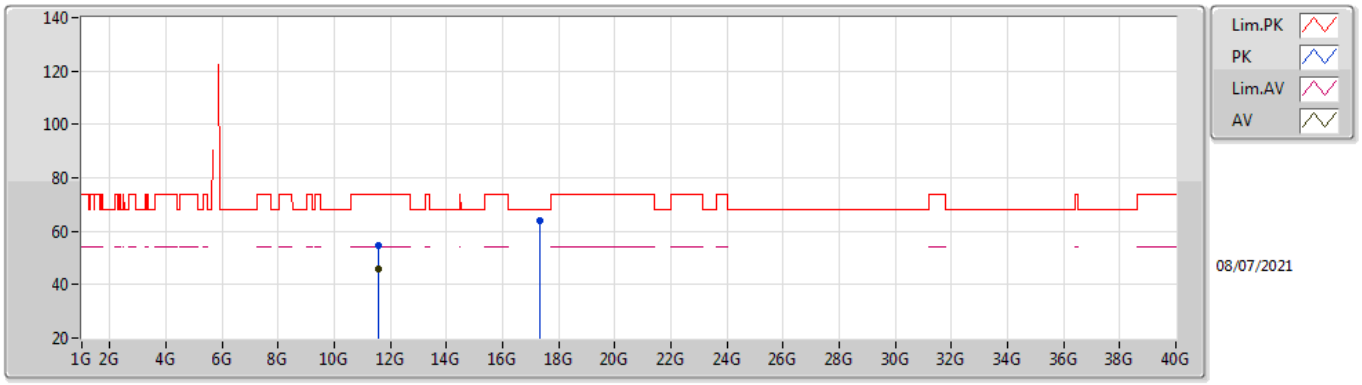


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.566G	61.94	68.20	-6.26	55.72	3	Horizontal	190	2.39	-	33.73	5.40	32.91
PK	5.781G	113.01	Inf	-Inf	106.23	3	Horizontal	190	2.39	-	34.22	5.49	32.93
AV	5.78G	101.95	Inf	-Inf	95.17	3	Horizontal	190	2.39	-	34.22	5.49	32.93
PK	5.934G	62.51	68.20	-5.69	55.01	3	Horizontal	190	2.39	-	34.94	5.50	32.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

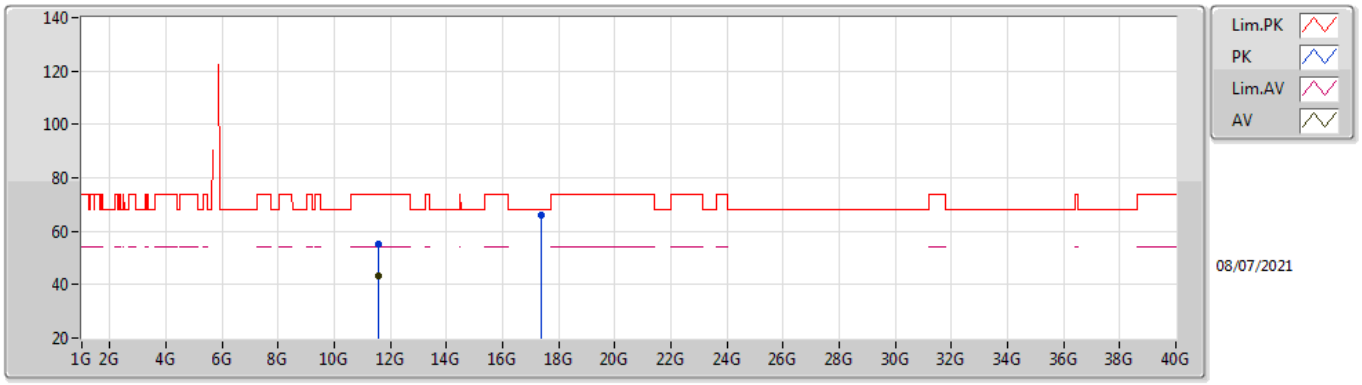


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.56988G	54.65	74.00	-19.35	41.22	3	Vertical	17.2	1.92	-	38.40	7.85	32.82
AV	11.57G	45.64	54.00	-8.36	32.21	3	Vertical	17.2	1.92	-	38.40	7.85	32.82
PK	17.3418G	63.91	68.20	-4.29	44.02	3	Vertical	337	2.36	-	42.07	9.77	31.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

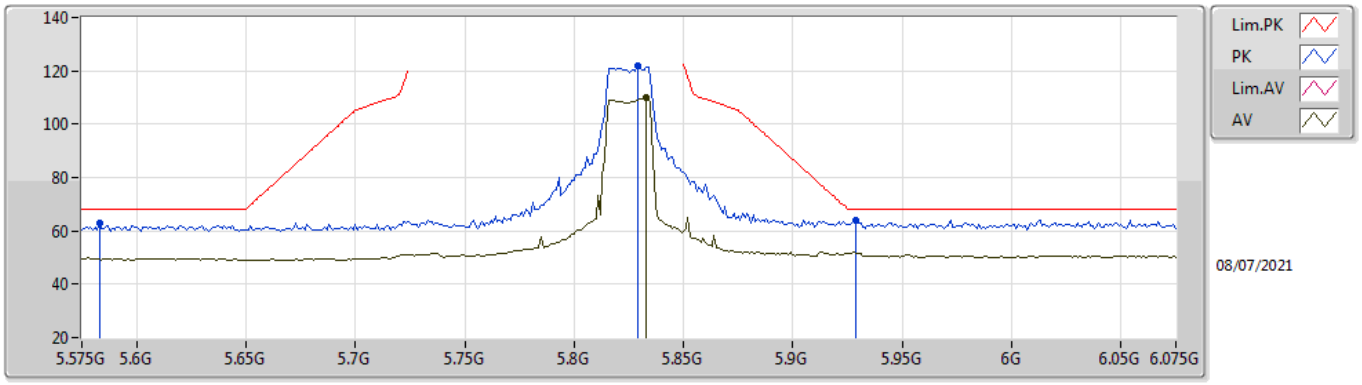


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.58122G	55.26	74.00	-18.74	41.83	3	Horizontal	34.6	1.88	-	38.40	7.85	32.82
AV	11.56994G	43.12	54.00	-10.88	29.69	3	Horizontal	34.6	1.88	-	38.40	7.85	32.82
PK	17.35662G	65.98	68.20	-2.22	46.02	3	Horizontal	308	1.80	-	42.13	9.77	31.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

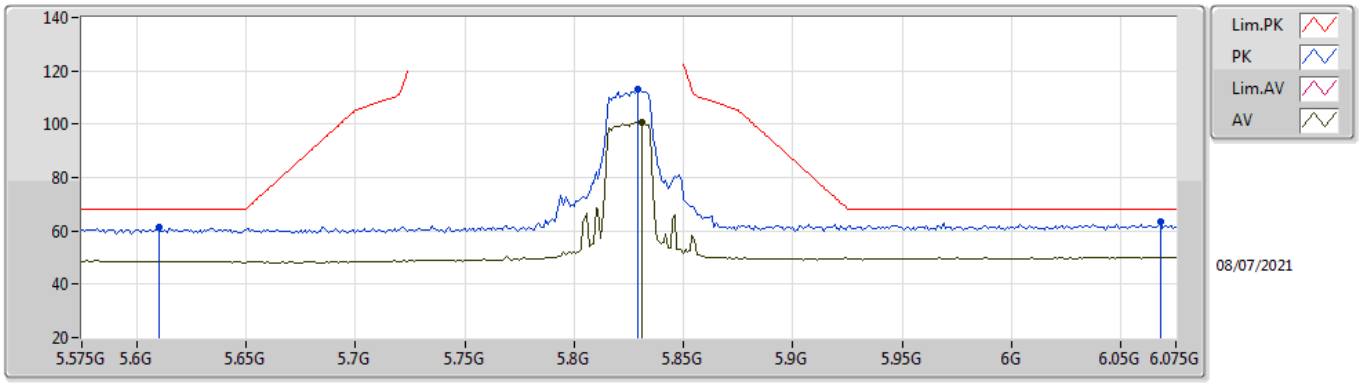


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.583G	62.79	68.20	-5.41	56.53	3	Vertical	91.6	1.80	-	33.77	5.40	32.91
PK	5.829G	121.96	Inf	-Inf	114.97	3	Vertical	91.6	1.80	-	34.42	5.50	32.93
AV	5.833G	109.81	Inf	-Inf	102.81	3	Vertical	91.6	1.80	-	34.43	5.50	32.93
PK	5.929G	64.03	68.20	-4.17	56.55	3	Vertical	91.6	1.80	-	34.92	5.50	32.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

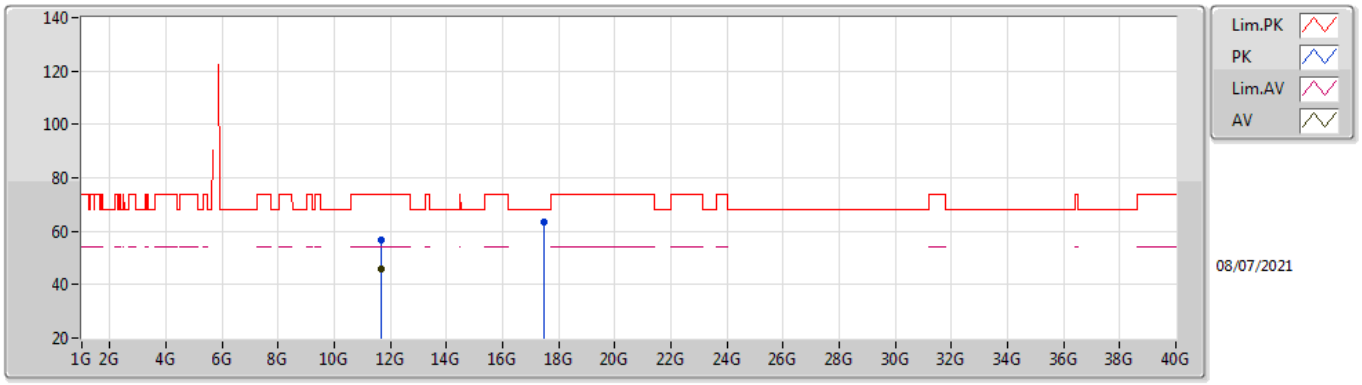


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.61G	61.26	68.20	-6.94	54.94	3	Horizontal	185.6	2.03	-	33.82	5.41	32.91
PK	5.829G	112.95	Inf	-Inf	105.96	3	Horizontal	185.6	2.03	-	34.42	5.50	32.93
AV	5.831G	100.60	Inf	-Inf	93.61	3	Horizontal	185.6	2.03	-	34.42	5.50	32.93
PK	6.068G	63.23	68.20	-4.97	55.30	3	Horizontal	185.6	2.03	-	35.24	5.64	32.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

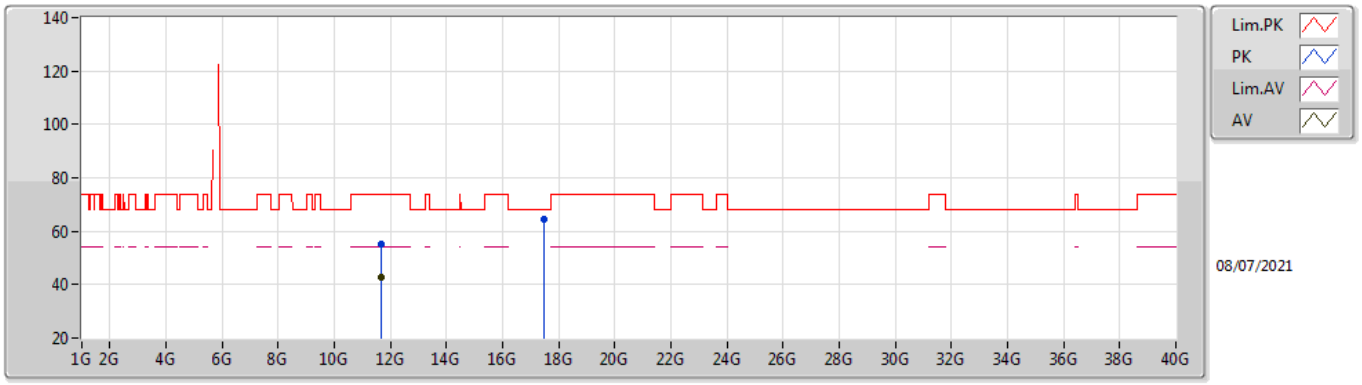


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.64994G	56.49	74.00	-17.51	42.99	3	Vertical	0	2.14	-	38.45	7.88	32.83
AV	11.65G	46.07	54.00	-7.93	32.57	3	Vertical	0	2.14	-	38.45	7.88	32.83
PK	17.46912G	63.45	68.20	-4.75	43.23	3	Vertical	21	2.10	-	42.30	9.81	31.89

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

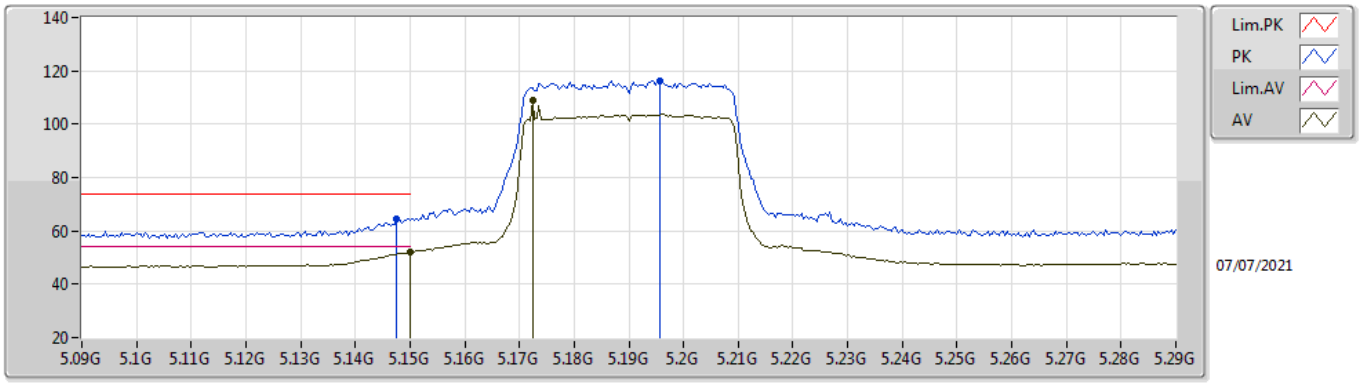


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.65012G	55.01	74.00	-18.99	41.51	3	Horizontal	0	2.14	-	38.45	7.88	32.83
AV	11.65G	42.94	54.00	-11.06	29.44	3	Horizontal	0	2.14	-	38.45	7.88	32.83
PK	17.47578G	64.36	68.20	-3.84	44.12	3	Horizontal	293	2.62	-	42.30	9.82	31.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

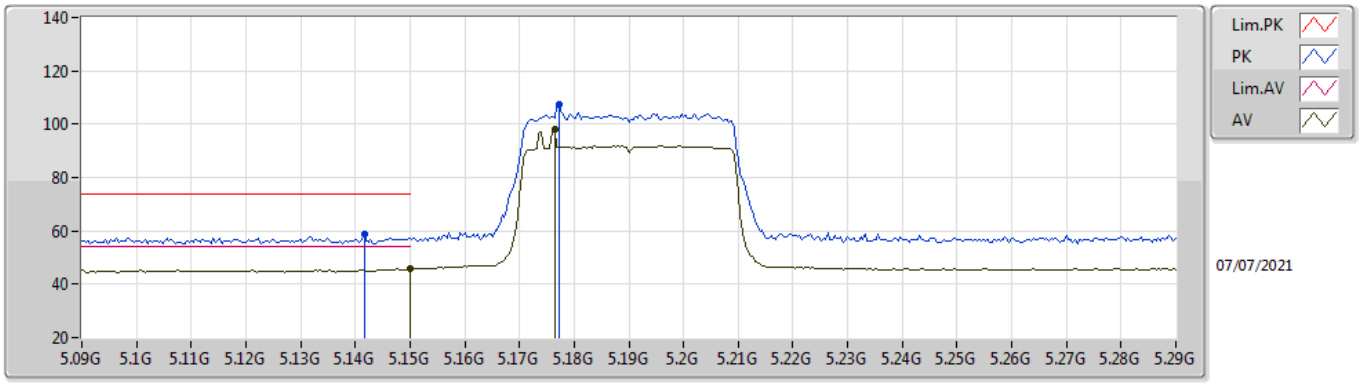


EUT Z_4TX
Setting 23
Sample #3
01-A-B-2-10

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	5.1476G	64.42	74.00	-9.58	59.59	3	Vertical	158	1.45	-	32.60	5.17	32.94
AV	5.15G	52.13	54.00	-1.87	47.30	3	Vertical	158	1.45	-	32.60	5.17	32.94
PK	5.1956G	116.41	Inf	-Inf	111.46	3	Vertical	158	1.45	-	32.69	5.20	32.94
AV	5.1724G	109.00	Inf	-Inf	104.11	3	Vertical	158	1.45	-	32.64	5.19	32.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

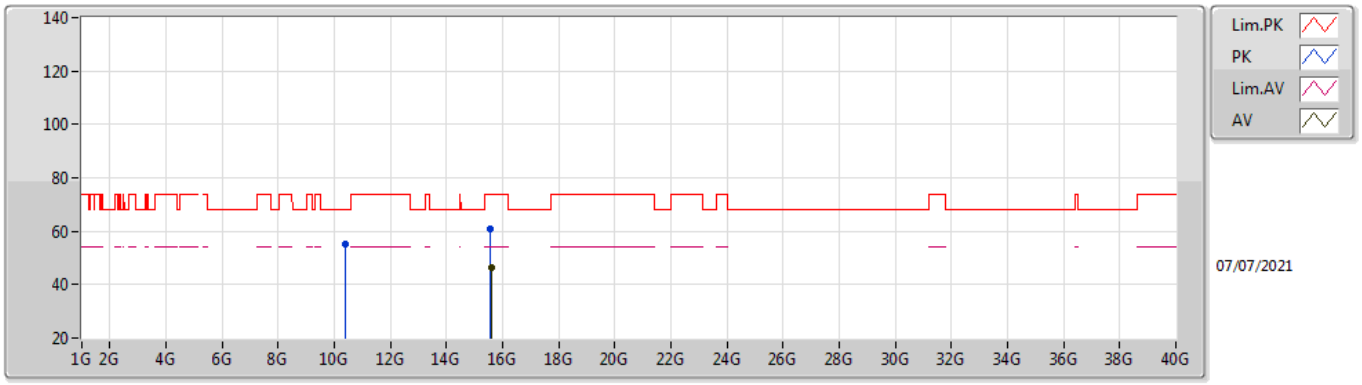


EUT Z_4TX
Setting 23
Sample #3
01-A-B-2-10

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	5.1416G	58.86	74.00	-15.14	54.03	3	Horizontal	330	1.80	-	32.60	5.17	32.94
AV	5.15G	45.73	54.00	-8.27	40.90	3	Horizontal	330	1.80	-	32.60	5.17	32.94
PK	5.1772G	107.45	Inf	-Inf	102.55	3	Horizontal	330	1.80	-	32.65	5.19	32.94
AV	5.1764G	97.89	Inf	-Inf	92.99	3	Horizontal	330	1.80	-	32.65	5.19	32.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

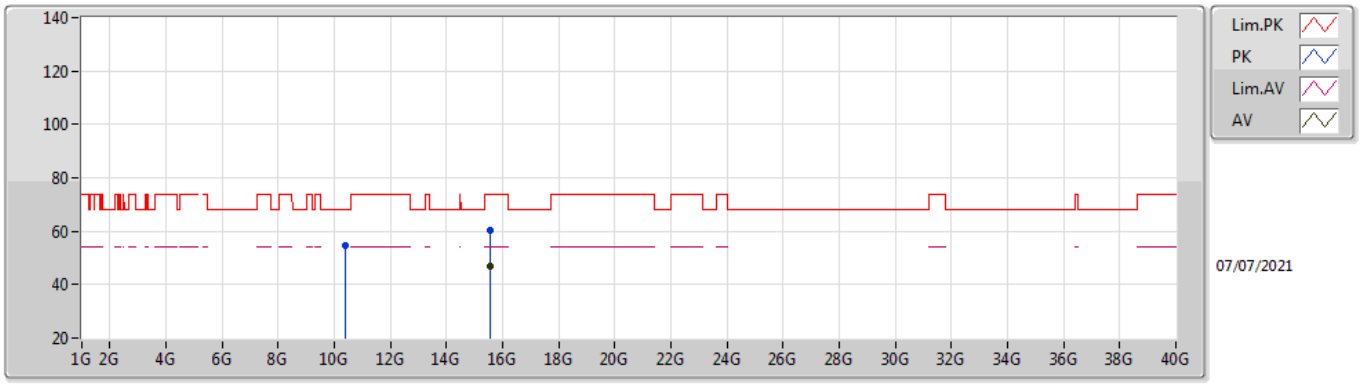


EUT Z_4TX
Setting 23
Sample #3
01-A-B-2

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	10.37988G	54.95	68.20	-13.25	42.45	3	Vertical	35	1.47	-	38.18	7.43	33.11
PK	15.57426G	60.61	74.00	-13.39	45.96	3	Vertical	265	1.80	-	38.25	9.21	32.81
AV	15.58422G	46.62	54.00	-7.38	31.94	3	Vertical	265	1.80	-	38.27	9.22	32.81

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

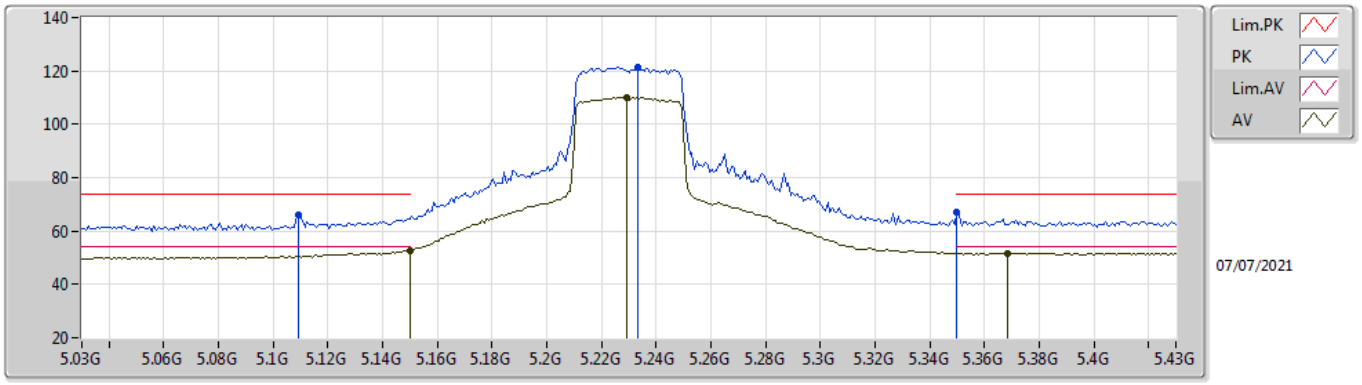


EUT Z_4TX
Setting 23
Sample #3
01-A-B-2

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	10.38732G	54.46	68.20	-13.74	41.93	3	Horizontal	335	2.88	-	38.19	7.44	33.10
PK	15.5733G	60.34	74.00	-13.66	45.69	3	Horizontal	209	1.80	-	38.25	9.21	32.81
AV	15.58128G	46.83	54.00	-7.17	32.16	3	Horizontal	209	1.80	-	38.26	9.22	32.81

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

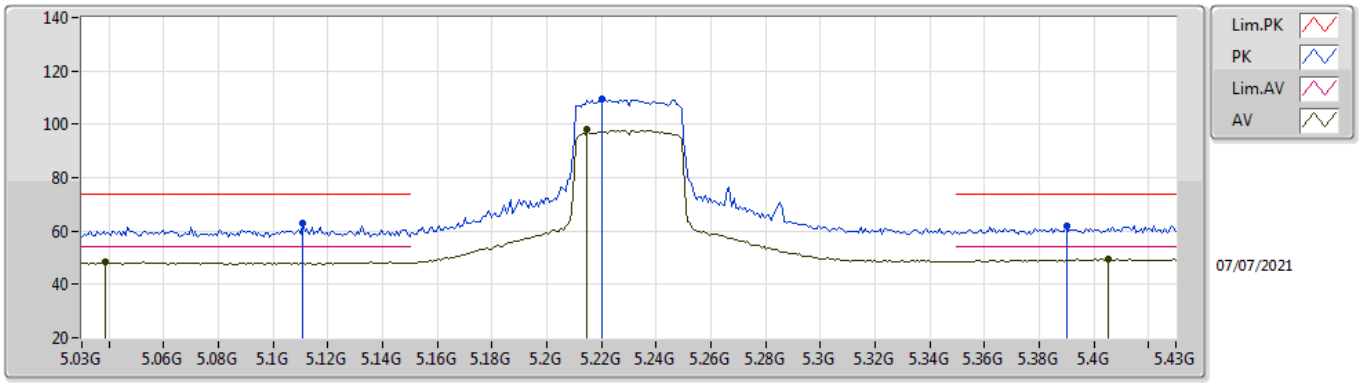


EUT Z_4TX
Setting 29
Sample #3
01-A-B-2-13

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	5.1092G	65.96	74.00	-8.04	61.16	3	Vertical	122.3	1.50	-	32.60	5.15	32.95
AV	5.15G	52.82	54.00	-1.18	47.99	3	Vertical	122.3	1.50	-	32.60	5.17	32.94
PK	5.2332G	121.61	Inf	-Inf	116.54	3	Vertical	122.3	1.50	-	32.77	5.23	32.93
AV	5.2292G	109.94	Inf	-Inf	104.88	3	Vertical	122.3	1.50	-	32.76	5.23	32.93
PK	5.35G	67.30	74.00	-6.70	61.97	3	Vertical	122.3	1.50	-	32.90	5.35	32.92
AV	5.3684G	51.80	54.00	-2.20	46.34	3	Vertical	122.3	1.50	-	33.01	5.37	32.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

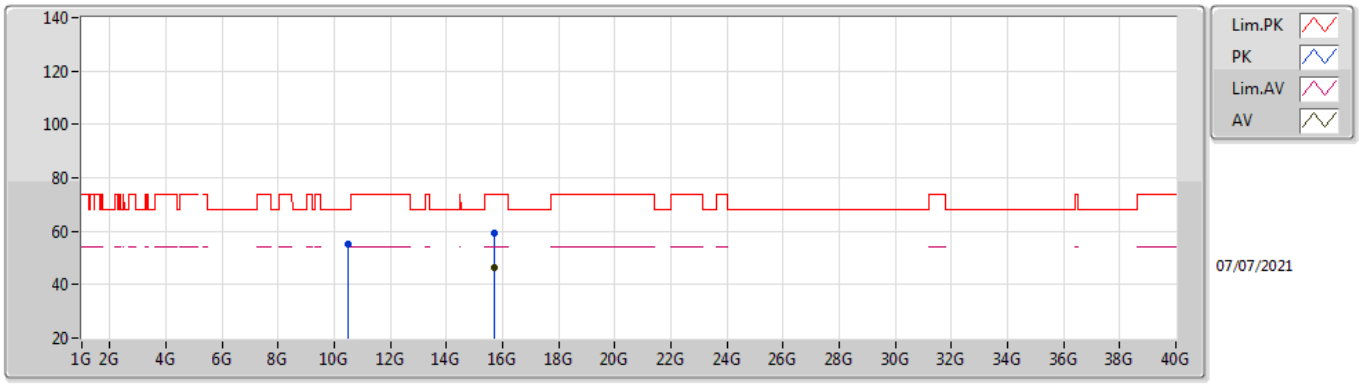


EUT Z_4TX
Setting 29
Sample #3
01-A-B-2-13

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	5.1108G	62.95	74.00	-11.05	58.14	3	Horizontal	0	1.80	-	32.60	5.16	32.95
AV	5.0388G	48.30	54.00	-5.70	43.52	3	Horizontal	0	1.80	-	32.62	5.12	32.96
PK	5.2204G	109.36	Inf	-Inf	104.33	3	Horizontal	0	1.80	-	32.74	5.22	32.93
AV	5.2148G	98.30	Inf	-Inf	93.29	3	Horizontal	0	1.80	-	32.73	5.21	32.93
PK	5.39G	62.07	74.00	-11.93	56.45	3	Horizontal	0	1.80	-	33.14	5.39	32.91
AV	5.4052G	49.35	54.00	-4.65	43.64	3	Horizontal	0	1.80	-	33.22	5.40	32.91

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

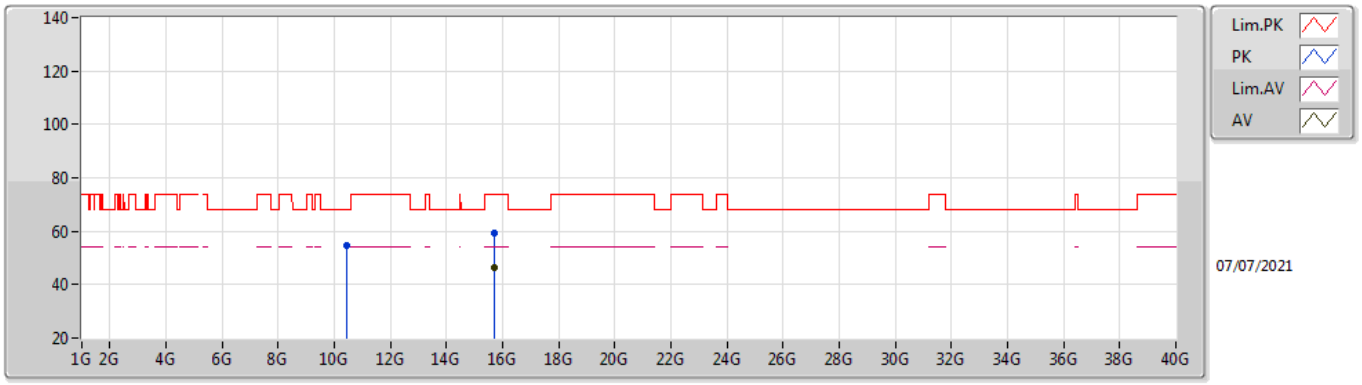


EUT Z_4TX
Setting 29
Sample #3
01-A-B-2

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	10.47434G	54.98	68.20	-13.22	42.19	3	Vertical	31	1.80	-	38.35	7.47	33.03
PK	15.68916G	59.28	74.00	-14.72	44.44	3	Vertical	357	2.29	-	38.39	9.24	32.79
AV	15.6897G	46.42	54.00	-7.58	31.58	3	Vertical	357	2.29	-	38.39	9.24	32.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

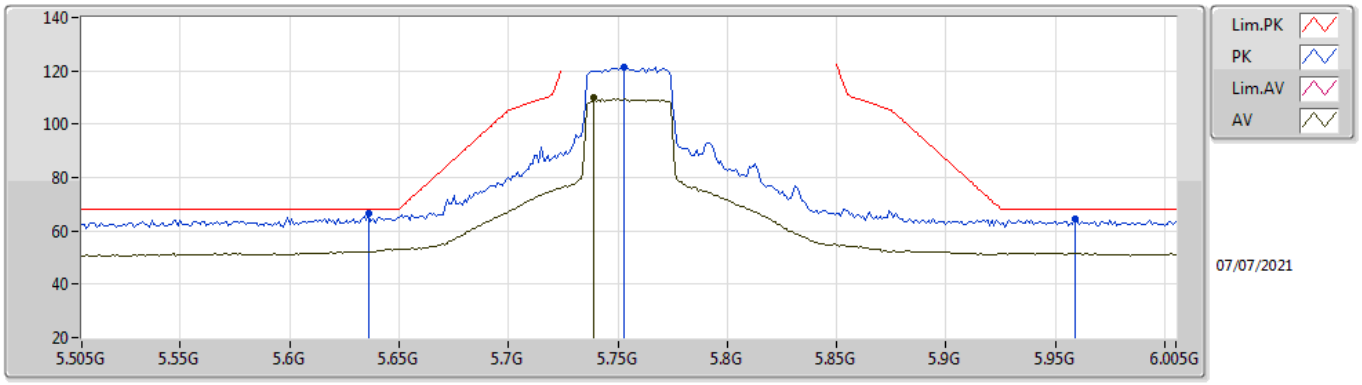


EUT Z_4TX
Setting 29
Sample #3
01-A-B-2

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	10.4558G	54.60	68.20	-13.60	41.88	3	Horizontal	335	2.62	-	38.31	7.46	33.05
PK	15.69546G	59.55	74.00	-14.45	44.70	3	Horizontal	86	1.80	-	38.40	9.24	32.79
AV	15.69354G	46.28	54.00	-7.72	31.44	3	Horizontal	86	1.80	-	38.39	9.24	32.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

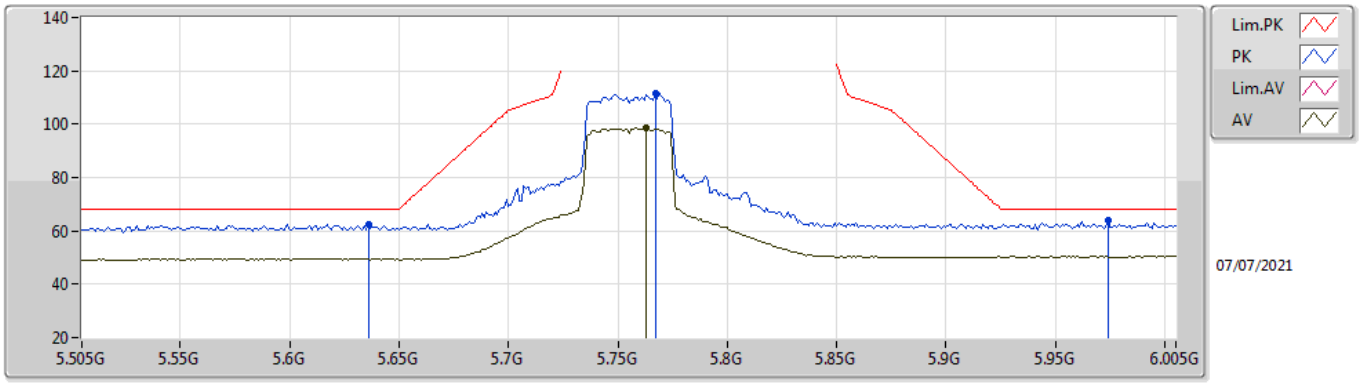


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.636G	66.65	68.20	-1.55	60.27	3	Vertical	121	1.46	-	33.87	5.42	32.91
PK	5.753G	121.48	Inf	-Inf	114.82	3	Vertical	121	1.46	-	34.11	5.48	32.93
AV	5.739G	110.18	Inf	-Inf	103.57	3	Vertical	121	1.46	-	34.06	5.47	32.92
PK	5.959G	64.33	68.20	-3.87	56.74	3	Vertical	121	1.46	-	35.04	5.50	32.95

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

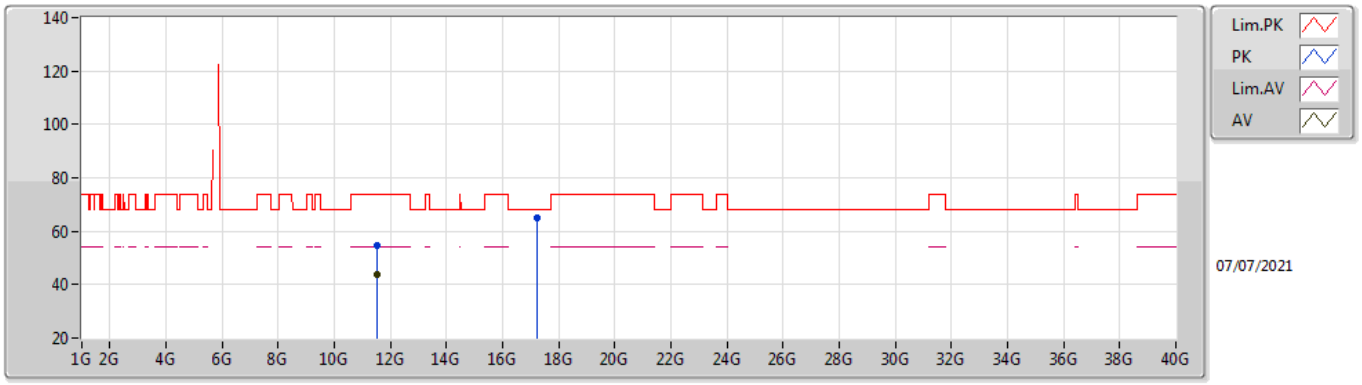


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.636G	62.65	68.20	-5.55	56.27	3	Horizontal	128	2.92	-	33.87	5.42	32.91
PK	5.767G	111.69	Inf	-Inf	104.97	3	Horizontal	128	2.92	-	34.17	5.48	32.93
AV	5.763G	98.72	Inf	-Inf	92.02	3	Horizontal	128	2.92	-	34.15	5.48	32.93
PK	5.974G	63.78	68.20	-4.42	56.13	3	Horizontal	128	2.92	-	35.10	5.50	32.95

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

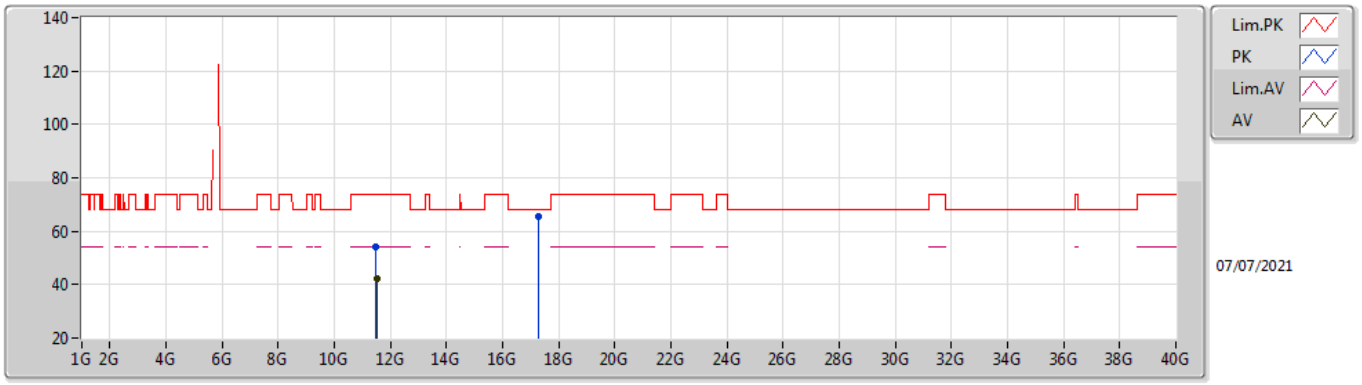


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.51984G	54.46	74.00	-19.54	41.04	3	Vertical	332	1.53	-	38.40	7.83	32.81
AV	11.51006G	43.90	54.00	-10.10	30.48	3	Vertical	332	1.53	-	38.40	7.83	32.81
PK	17.25312G	65.19	68.20	-3.01	45.69	3	Vertical	343	2.98	-	41.76	9.74	32.00

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

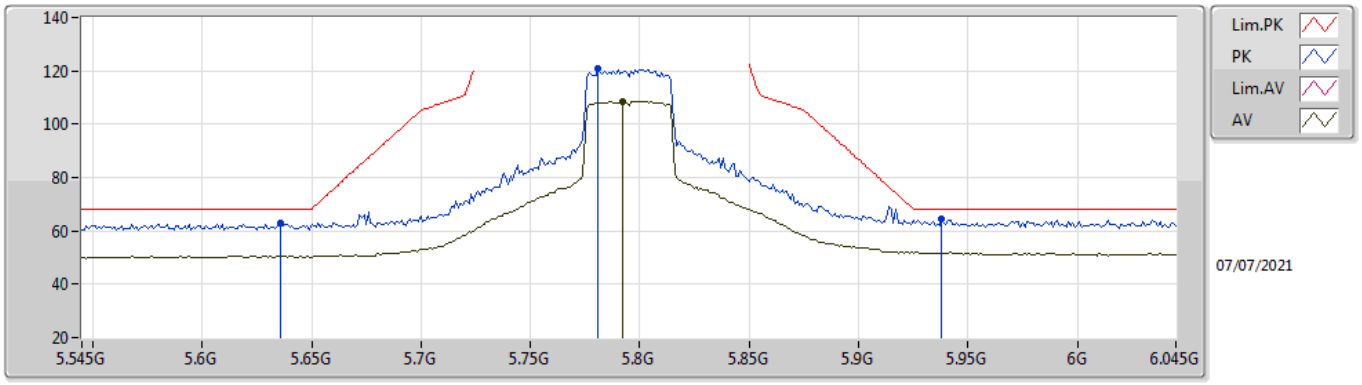


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.49782G	54.27	74.00	-19.73	40.86	3	Horizontal	148	1.77	-	38.40	7.82	32.81
AV	11.50976G	42.46	54.00	-11.54	29.04	3	Horizontal	148	1.77	-	38.40	7.83	32.81
PK	17.2746G	65.38	68.20	-2.82	45.80	3	Horizontal	287	1.15	-	41.82	9.75	31.99

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

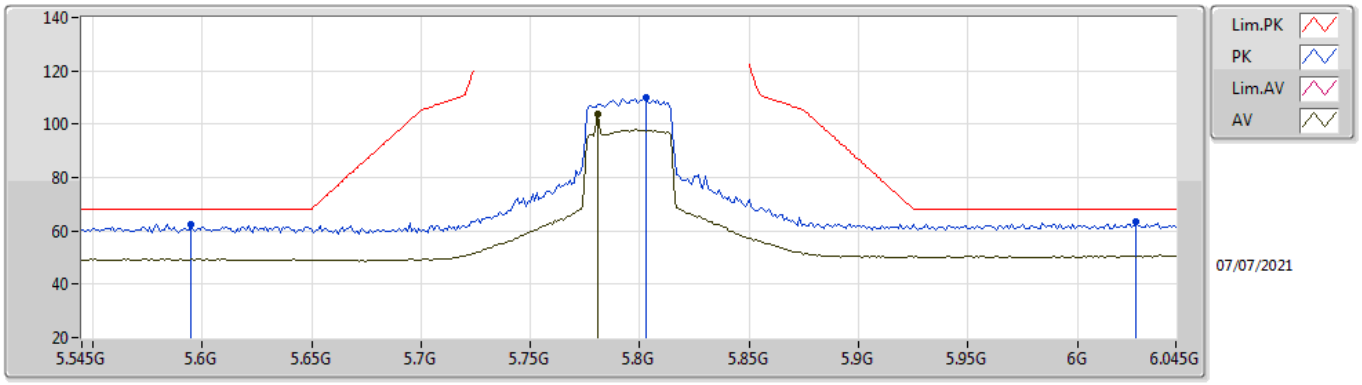


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.636G	62.70	68.20	-5.50	56.32	3	Vertical	142.3	1.87	-	33.87	5.42	32.91
PK	5.781G	120.74	Inf	-Inf	113.96	3	Vertical	142.3	1.87	-	34.22	5.49	32.93
AV	5.792G	108.68	Inf	-Inf	101.84	3	Vertical	142.3	1.87	-	34.27	5.50	32.93
PK	5.938G	64.37	68.20	-3.83	56.86	3	Vertical	142.3	1.87	-	34.95	5.50	32.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

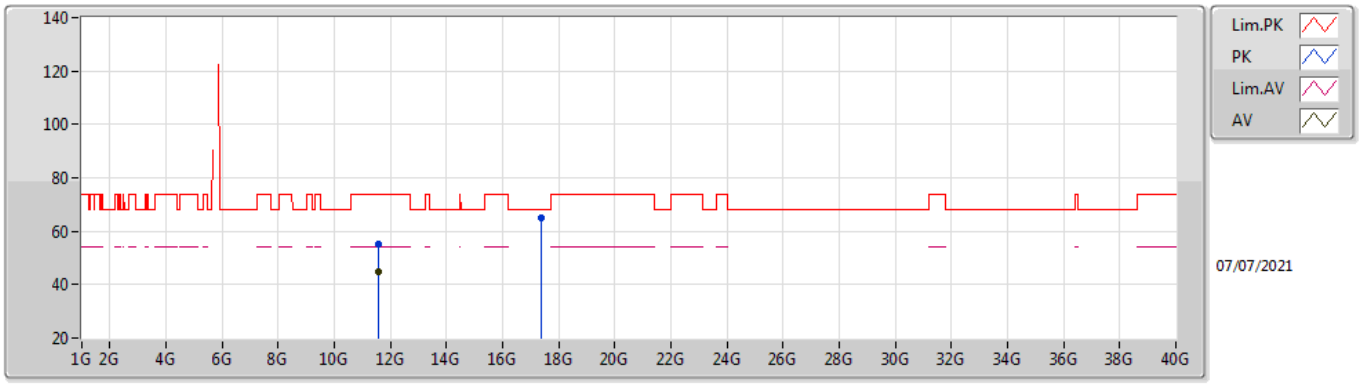


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2-13

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	5.595G	62.44	68.20	-5.76	56.16	3	Horizontal	67	1.51	-	33.79	5.40	32.91
PK	5.803G	109.94	Inf	-Inf	103.06	3	Horizontal	67	1.51	-	34.31	5.50	32.93
AV	5.781G	103.64	Inf	-Inf	96.86	3	Horizontal	67	1.51	-	34.22	5.49	32.93
PK	6.027G	63.50	68.20	-4.70	55.70	3	Horizontal	67	1.51	-	35.20	5.55	32.95

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

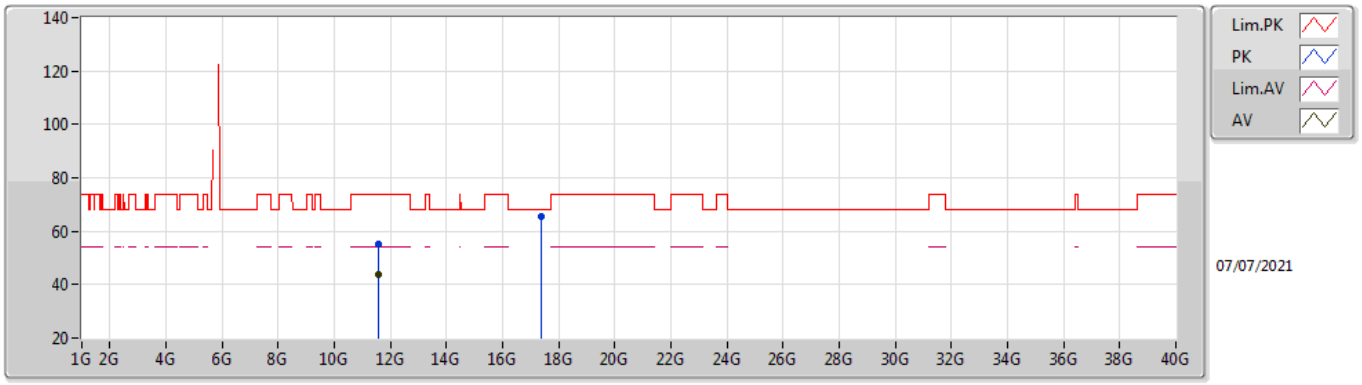


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.59006G	55.39	74.00	-18.61	41.95	3	Vertical	4	1.92	-	38.40	7.86	32.82
AV	11.59006G	44.74	54.00	-9.26	31.30	3	Vertical	4	1.92	-	38.40	7.86	32.82
PK	17.38506G	64.91	68.20	-3.29	44.82	3	Vertical	0	1.80	-	42.24	9.78	31.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

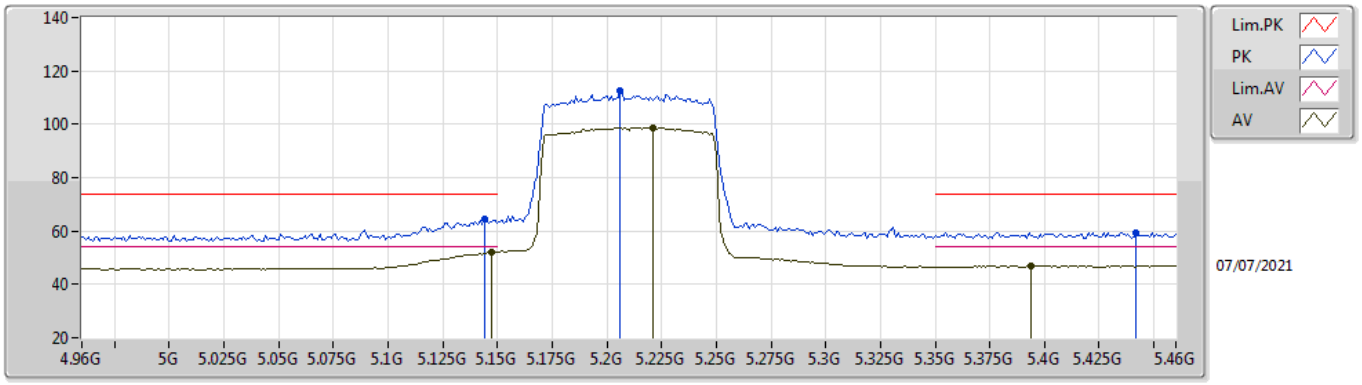


EUT Z_4TX
Setting 30
Sample #3
01-A-B-2

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	11.59G	55.05	74.00	-18.95	41.61	3	Horizontal	41	2.24	-	38.40	7.86	32.82
AV	11.58994G	43.78	54.00	-10.22	30.34	3	Horizontal	41	2.24	-	38.40	7.86	32.82
PK	17.39748G	65.54	68.20	-2.66	45.38	3	Horizontal	313	1.85	-	42.29	9.79	31.92

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

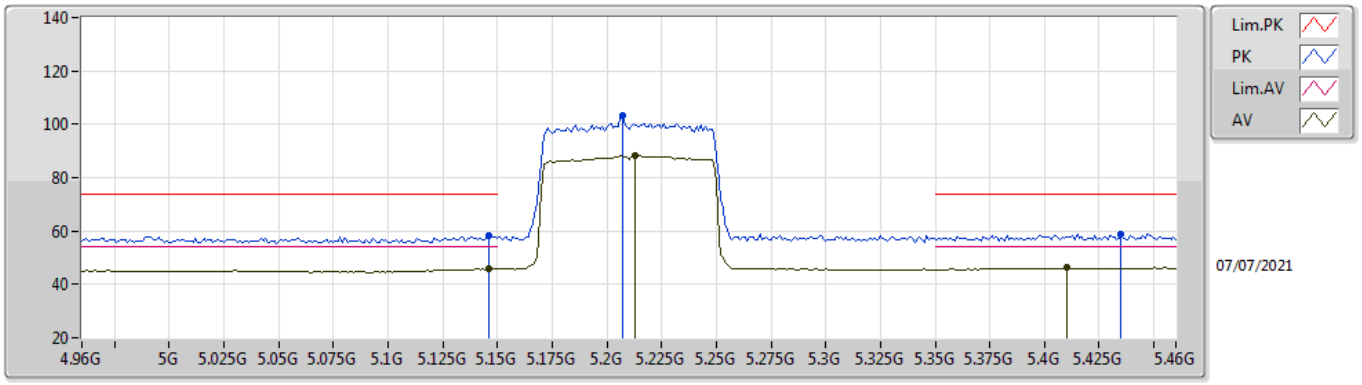


EUT Z_4TX
Setting 22
Sample #3
01-A-B-2-10

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	5.144G	64.27	74.00	-9.73	59.44	3	Vertical	128	1.80	-	32.60	5.17	32.94
AV	5.147G	52.28	54.00	-1.72	47.45	3	Vertical	128	1.80	-	32.60	5.17	32.94
PK	5.206G	112.63	Inf	-Inf	107.65	3	Vertical	128	1.80	-	32.71	5.21	32.94
AV	5.221G	98.63	Inf	-Inf	93.60	3	Vertical	128	1.80	-	32.74	5.22	32.93
PK	5.442G	59.50	74.00	-14.50	53.64	3	Vertical	128	1.80	-	33.37	5.40	32.91
AV	5.394G	46.95	54.00	-7.05	41.31	3	Vertical	128	1.80	-	33.16	5.39	32.91

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

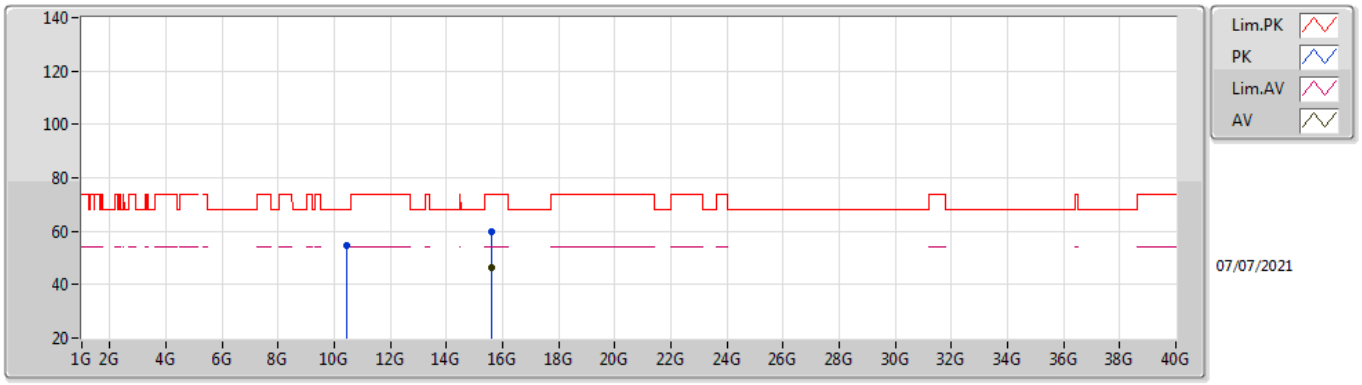


EUT Z_4TX
Setting 22
Sample #3
01-A-B-2-10

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	5.146G	58.03	74.00	-15.97	53.20	3	Horizontal	334	2.64	-	32.60	5.17	32.94
AV	5.146G	45.85	54.00	-8.15	41.02	3	Horizontal	334	2.64	-	32.60	5.17	32.94
PK	5.207G	103.05	Inf	-Inf	98.07	3	Horizontal	334	2.64	-	32.71	5.21	32.94
AV	5.213G	88.16	Inf	-Inf	83.15	3	Horizontal	334	2.64	-	32.73	5.21	32.93
PK	5.435G	58.74	74.00	-15.26	52.91	3	Horizontal	334	2.64	-	33.34	5.40	32.91
AV	5.41G	46.35	54.00	-7.65	40.62	3	Horizontal	334	2.64	-	33.24	5.40	32.91

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

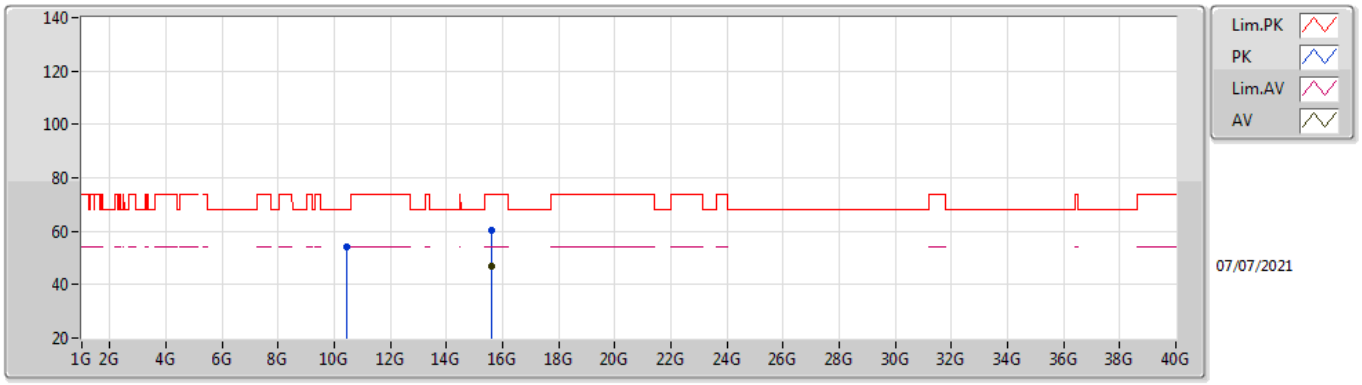


EUT Z_4TX
Setting 22
Sample #3
01-A-B-2

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	10.42354G	54.43	68.20	-13.77	41.80	3	Vertical	341	1.00	-	38.25	7.45	33.07
PK	15.6288G	59.65	74.00	-14.35	44.89	3	Vertical	76	2.25	-	38.33	9.23	32.80
AV	15.62454G	46.61	54.00	-7.39	31.87	3	Vertical	76	2.25	-	38.32	9.22	32.80

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

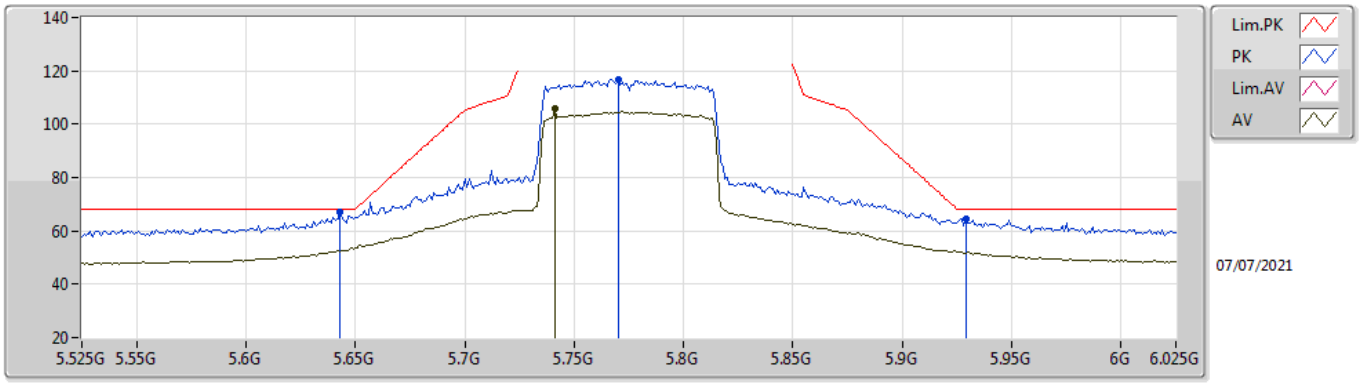


EUT Z_4TX
Setting 22
Sample #3
01-A-B-2

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	10.4182G	54.12	68.20	-14.08	41.51	3	Horizontal	332	1.80	-	38.24	7.45	33.08
PK	15.63096G	60.22	74.00	-13.78	45.46	3	Horizontal	152	1.15	-	38.33	9.23	32.80
AV	15.62784G	46.66	54.00	-7.34	31.90	3	Horizontal	152	1.15	-	38.33	9.23	32.80

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

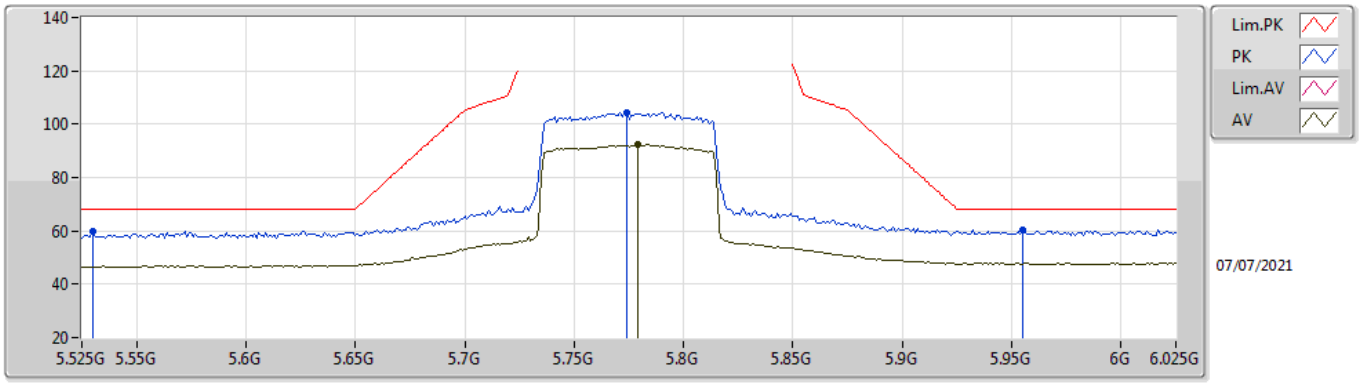


EUT Z_4TX
Setting 27
Sample #3
01-A-B-2-10

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	5.643G	66.97	68.20	-1.23	60.57	3	Vertical	135.1	1.31	-	33.89	5.42	32.91
PK	5.77G	116.93	Inf	-Inf	110.19	3	Vertical	135.1	1.31	-	34.18	5.49	32.93
AV	5.741G	105.85	Inf	-Inf	99.24	3	Vertical	135.1	1.31	-	34.06	5.47	32.92
PK	5.929G	64.67	68.20	-3.53	57.19	3	Vertical	135.1	1.31	-	34.92	5.50	32.94

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

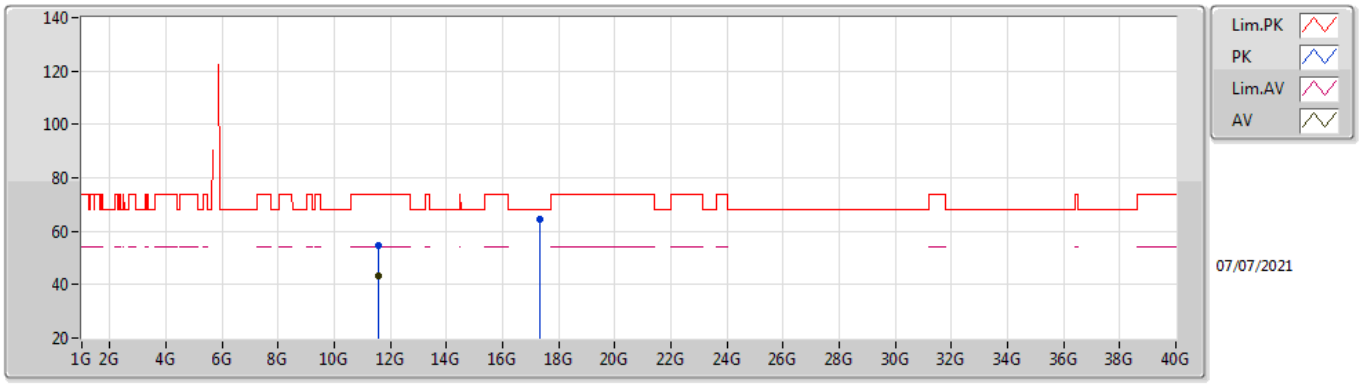


EUT Z_4TX
Setting 27
Sample #3
01-A-B-2-10

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	5.53G	59.84	68.20	-8.36	53.72	3	Horizontal	200	1.80	-	33.62	5.40	32.90
PK	5.774G	104.33	Inf	-Inf	97.57	3	Horizontal	200	1.80	-	34.20	5.49	32.93
AV	5.779G	92.39	Inf	-Inf	85.61	3	Horizontal	200	1.80	-	34.22	5.49	32.93
PK	5.955G	60.31	68.20	-7.89	52.74	3	Horizontal	200	1.80	-	35.02	5.50	32.95

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

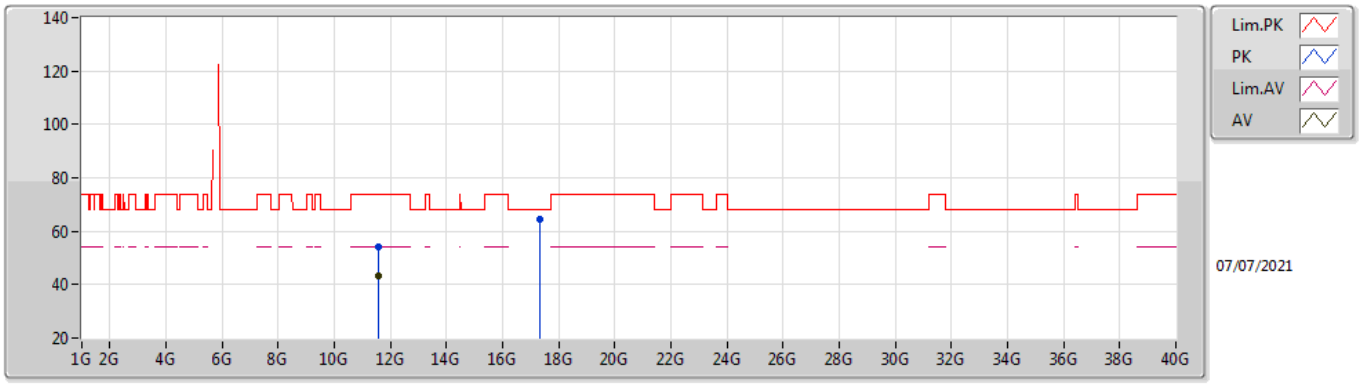


EUT Z_4TX
Setting 27
Sample #3
01-A-B-2

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	11.54994G	54.49	74.00	-19.51	41.07	3	Vertical	329	1.80	-	38.40	7.84	32.82
AV	11.54994G	43.08	54.00	-10.92	29.66	3	Vertical	329	1.80	-	38.40	7.84	32.82
PK	17.32512G	64.63	68.20	-3.57	44.83	3	Vertical	104	1.94	-	42.00	9.76	31.96

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TnomVnom



EUT Z_4TX
Setting 27
Sample #3
01-A-B-2

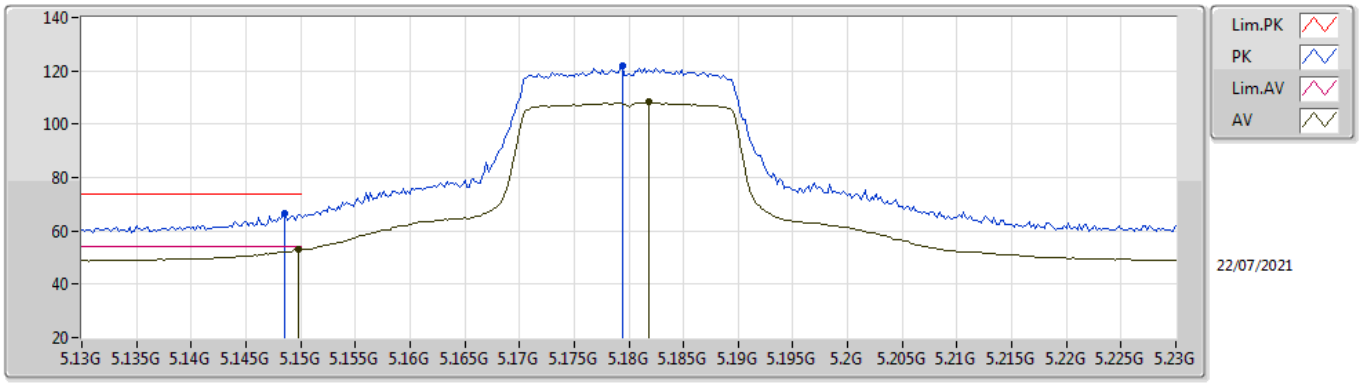
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54994G	54.09	74.00	-19.91	40.67	3	Horizontal	43	2.23	-	38.40	7.84	32.82
AV	11.54994G	43.05	54.00	-10.95	29.63	3	Horizontal	43	2.23	-	38.40	7.84	32.82
PK	17.32548G	64.67	68.20	-3.53	44.87	3	Horizontal	329	2.48	-	42.00	9.76	31.96

For 4T4S:
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 HEW20_Nss4,(MCS0)_4TX	Pass	AV	5.1498G	52.99	54.00	-1.01	3	Vertical	208	1.38	-

802.11ax HEW20_Nss4,(MCS0)_4TX

5180MHz_TnomVnom

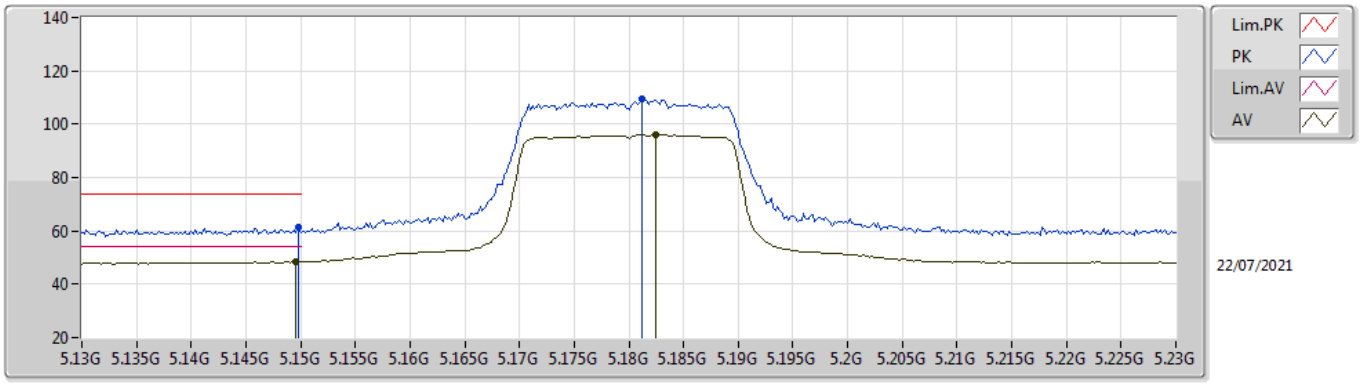


EUT Z_4TX
Setting 21
03-D-K-5-13

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	5.1486G	66.43	74.00	-7.57	61.25	3	Vertical	208	1.38	-	34.09	6.43	35.34
AV	5.1498G	52.99	54.00	-1.01	47.80	3	Vertical	208	1.38	-	34.10	6.43	35.34
PK	5.1794G	121.70	Inf	-Inf	116.59	3	Vertical	208	1.38	-	34.04	6.41	35.34
AV	5.1818G	108.43	Inf	-Inf	103.32	3	Vertical	208	1.38	-	34.04	6.41	35.34

802.11ax HEW20_Nss4,(MCS0)_4TX

5180MHz_TnomVnom

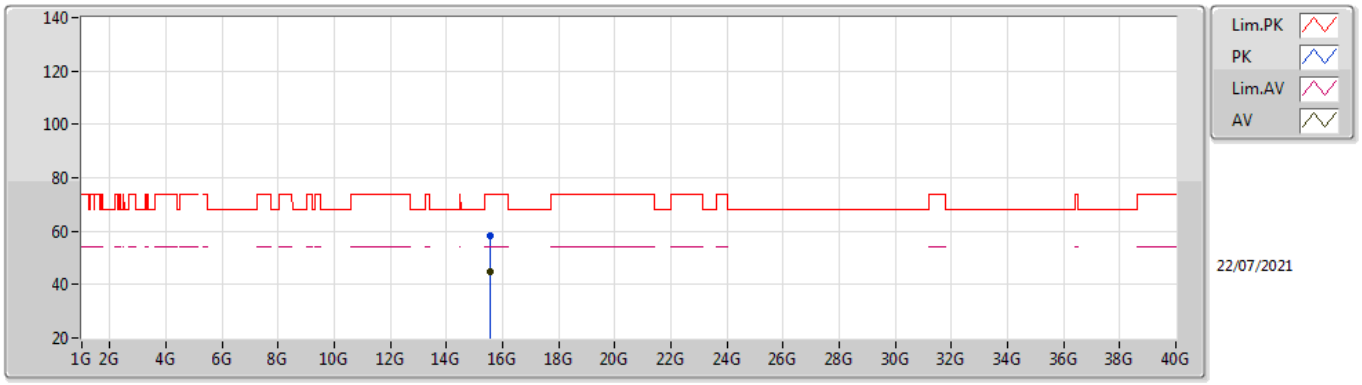


EUT Z_4TX
Setting 21
03-D-K-5-13

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	5.1498G	61.20	74.00	-12.80	56.01	3	Horizontal	86	1.78	-	34.10	6.43	35.34
AV	5.1496G	48.40	54.00	-5.60	43.21	3	Horizontal	86	1.78	-	34.10	6.43	35.34
PK	5.1812G	109.72	Inf	-Inf	104.61	3	Horizontal	86	1.78	-	34.04	6.41	35.34
AV	5.1824G	96.08	Inf	-Inf	90.97	3	Horizontal	86	1.78	-	34.04	6.41	35.34

802.11ax HEW20_Nss4,(MCS0)_4TX

5180MHz_TnomVnom

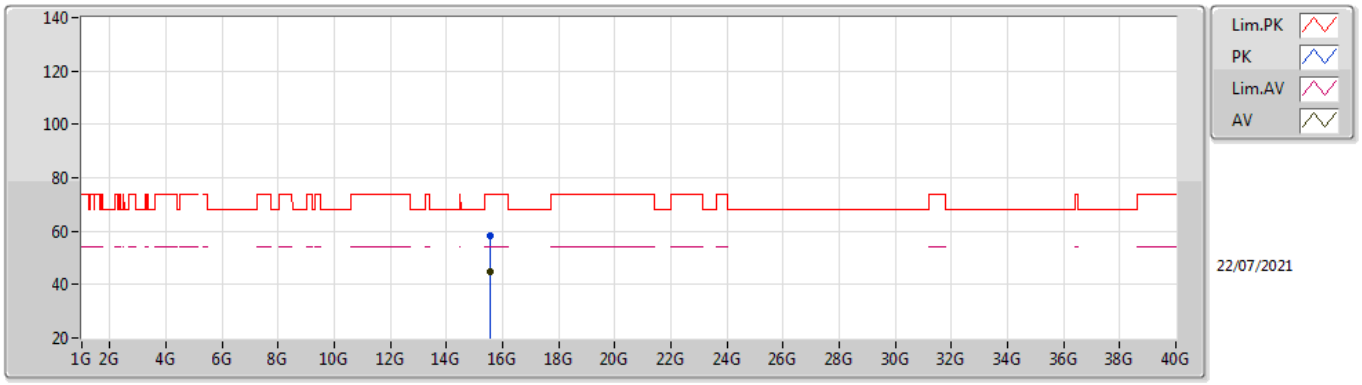


EUT Z_4TX
Setting 21
03-D-K-5

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	15.54112G	58.27	74.00	-15.73	43.57	3	Vertical	325	2.61	-	38.33	11.77	35.40
AV	15.53884G	44.83	54.00	-9.17	30.11	3	Vertical	325	2.61	-	38.35	11.77	35.40

802.11ax HEW20_Nss4,(MCS0)_4TX

5180MHz_TnomVnom

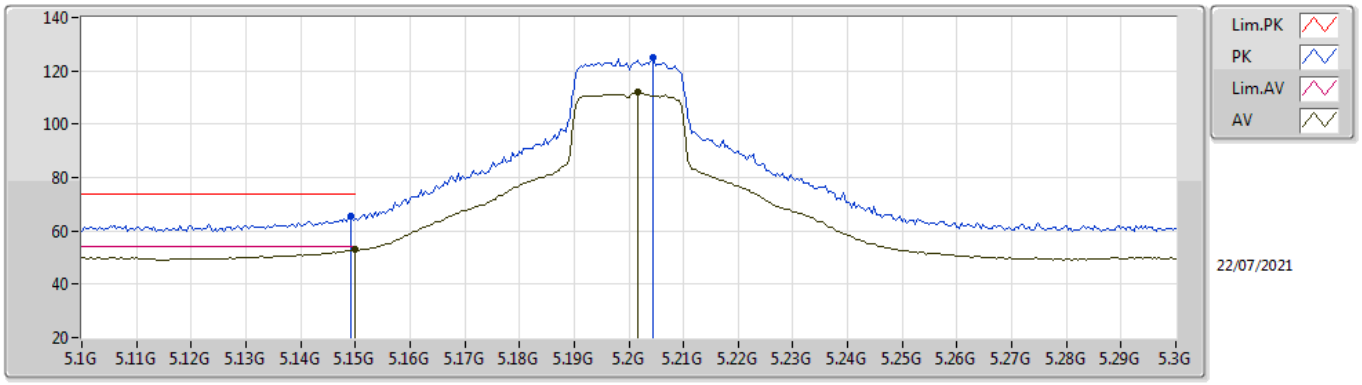


EUT Z_4TX
Setting 21
03-D-K-5

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	15.53696G	58.38	74.00	-15.62	43.64	3	Horizontal	25	2.21	-	38.37	11.77	35.40
AV	15.53558G	44.89	54.00	-9.11	30.14	3	Horizontal	25	2.21	-	38.38	11.77	35.40

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TnomVnom

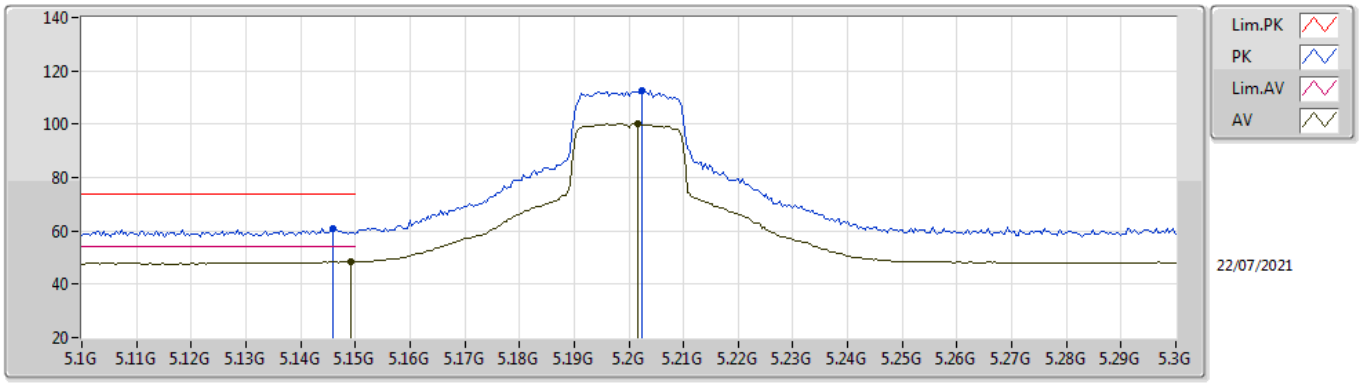


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.1492G	65.56	74.00	-8.44	60.37	3	Vertical	240	1.50	-	34.10	6.43	35.34
AV	5.15G	52.91	54.00	-1.09	47.72	3	Vertical	240	1.50	-	34.10	6.43	35.34
PK	5.2044G	124.91	Inf	-Inf	119.83	3	Vertical	240	1.50	-	34.02	6.40	35.34
AV	5.2016G	112.02	Inf	-Inf	106.95	3	Vertical	240	1.50	-	34.01	6.40	35.34

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TnomVnom

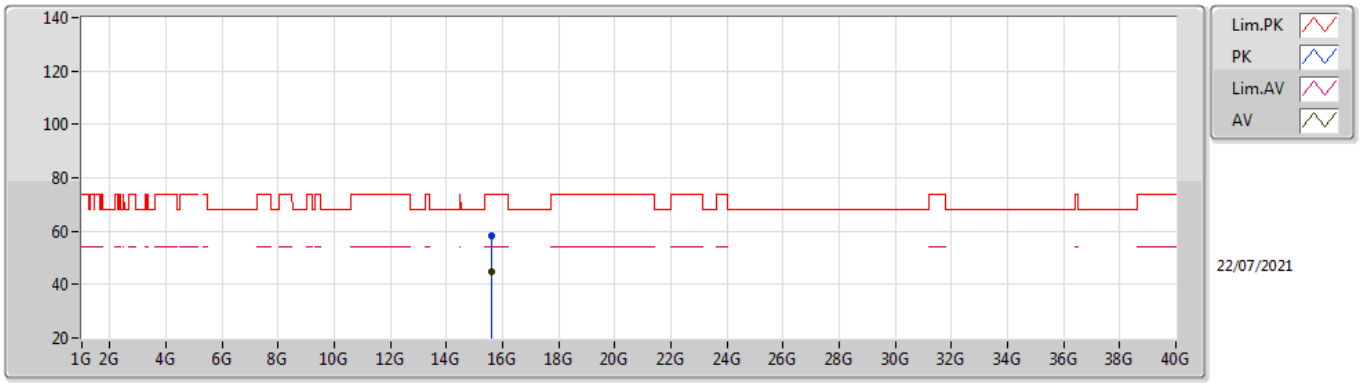


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.146G	60.87	74.00	-13.13	55.70	3	Horizontal	86	1.78	-	34.08	6.43	35.34
AV	5.1492G	48.44	54.00	-5.56	43.25	3	Horizontal	86	1.78	-	34.10	6.43	35.34
PK	5.2024G	112.41	Inf	-Inf	107.34	3	Horizontal	86	1.78	-	34.01	6.40	35.34
AV	5.2016G	100.38	Inf	-Inf	95.31	3	Horizontal	86	1.78	-	34.01	6.40	35.34

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TnomVnom

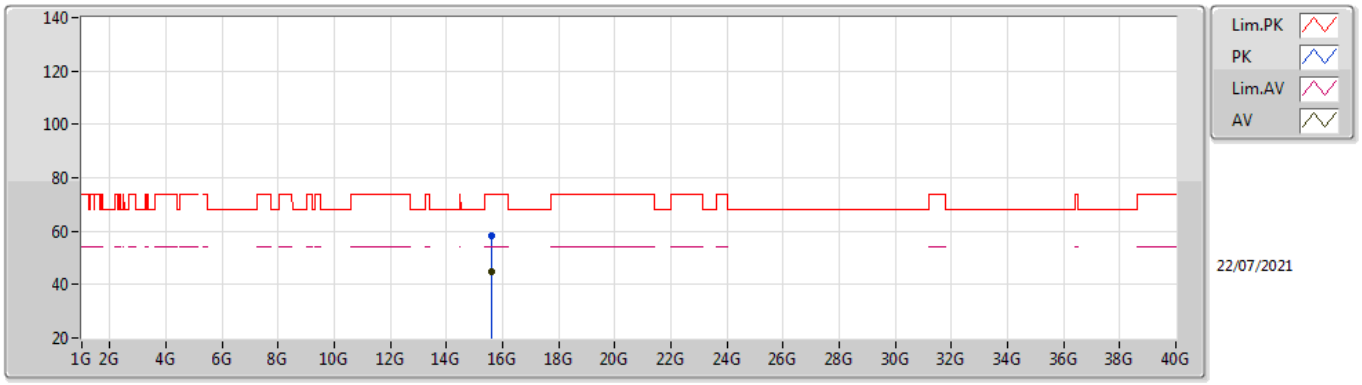


EUT Z_4TX
Setting 25
03-D-K-5

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	15.59514G	58.27	74.00	-15.73	44.08	3	Vertical	30	2.65	-	37.84	11.80	35.45
AV	15.5953G	44.82	54.00	-9.18	30.63	3	Vertical	30	2.65	-	37.84	11.80	35.45

802.11ax HEW20_Nss4,(MCS0)_4TX

5200MHz_TnomVnom

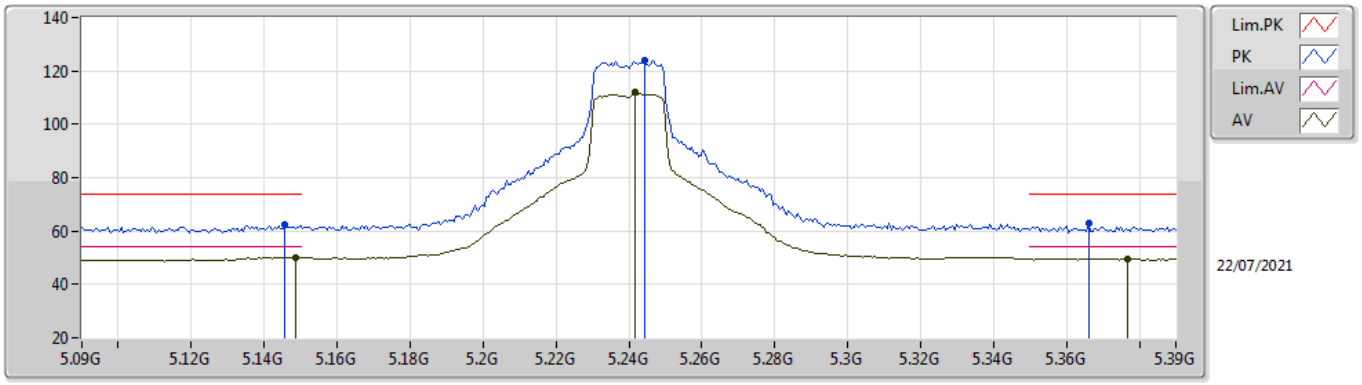


EUT Z_4TX
Setting 25
03-D-K-5

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	15.59578G	58.20	74.00	-15.80	44.01	3	Horizontal	346	3.00	-	37.84	11.80	35.45
AV	15.59778G	44.76	54.00	-9.24	30.59	3	Horizontal	346	3.00	-	37.82	11.80	35.45

802.11ax HEW20_Nss4,(MCS0)_4TX

5240MHz_TnomVnom

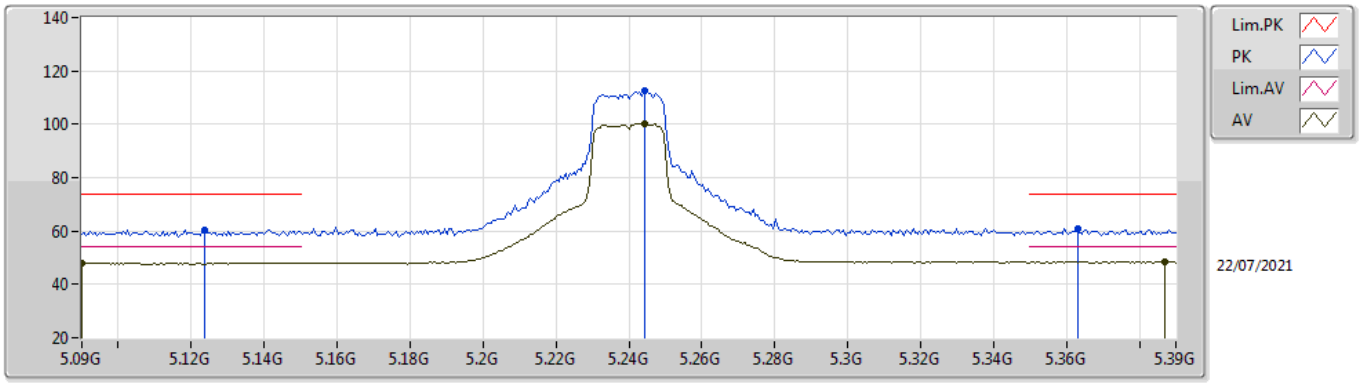


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.1458G	62.65	74.00	-11.35	57.48	3	Vertical	243	1.46	-	34.08	6.43	35.34
AV	5.1488G	50.19	54.00	-3.81	45.00	3	Vertical	243	1.46	-	34.10	6.43	35.34
PK	5.2442G	123.95	Inf	-Inf	118.69	3	Vertical	243	1.46	-	34.18	6.42	35.34
AV	5.2418G	111.88	Inf	-Inf	106.63	3	Vertical	243	1.46	-	34.17	6.42	35.34
PK	5.366G	62.76	74.00	-11.24	57.05	3	Vertical	243	1.46	-	34.57	6.48	35.34
AV	5.3768G	49.54	54.00	-4.46	43.85	3	Vertical	243	1.46	-	34.55	6.49	35.35

802.11ax HEW20_Nss4,(MCS0)_4TX

5240MHz_TnomVnom

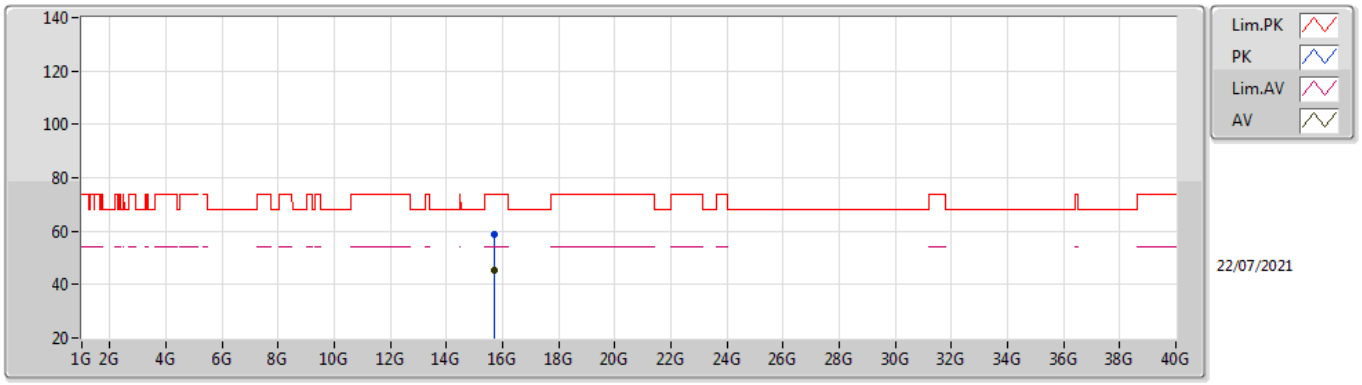


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.1236G	60.60	74.00	-13.40	55.50	3	Horizontal	87	1.71	-	33.99	6.44	35.33
AV	5.09G	48.04	54.00	-5.96	43.01	3	Horizontal	87	1.71	-	33.90	6.46	35.33
PK	5.2442G	112.39	Inf	-Inf	107.13	3	Horizontal	87	1.71	-	34.18	6.42	35.34
AV	5.2442G	100.09	Inf	-Inf	94.83	3	Horizontal	87	1.71	-	34.18	6.42	35.34
PK	5.363G	60.92	74.00	-13.08	55.21	3	Horizontal	87	1.71	-	34.57	6.48	35.34
AV	5.387G	48.41	54.00	-5.59	42.74	3	Horizontal	87	1.71	-	34.53	6.49	35.35

802.11ax HEW20_Nss4,(MCS0)_4TX

5240MHz_TnomVnom

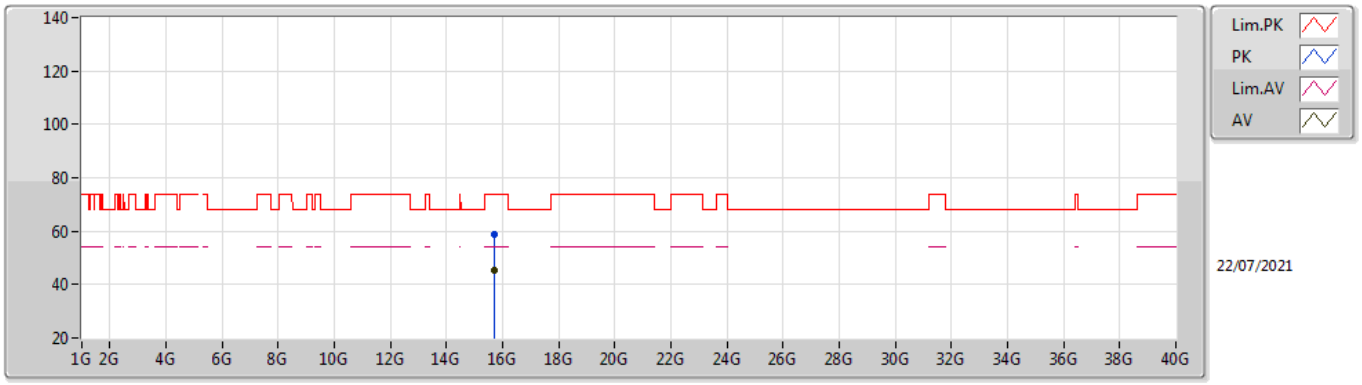


EUT Z_4TX
Setting 25
03-D-K-5

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	15.7198G	58.59	74.00	-15.41	44.30	3	Vertical	211	2.54	-	37.98	11.86	35.55
AV	15.71854G	45.23	54.00	-8.77	30.94	3	Vertical	211	2.54	-	37.98	11.86	35.55

802.11ax HEW20_Nss4,(MCS0)_4TX

5240MHz_TnomVnom

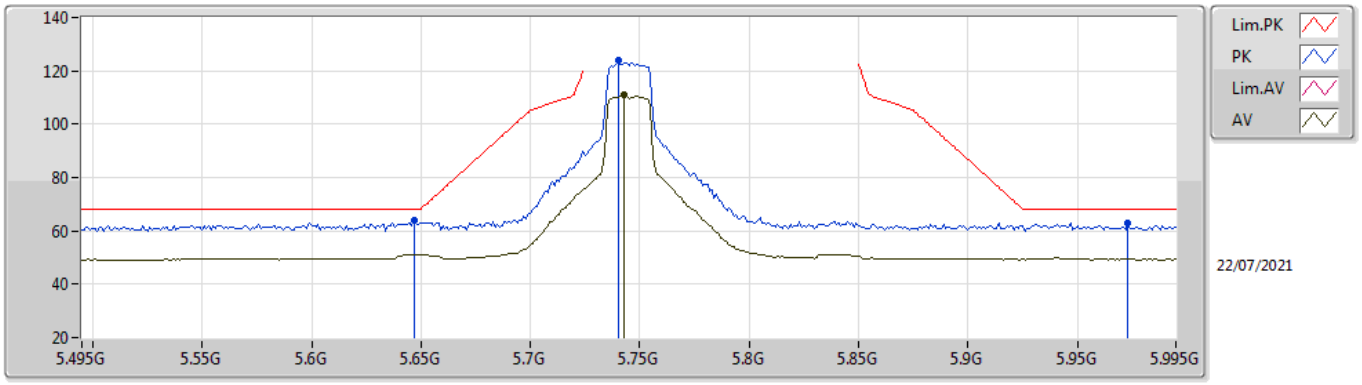


EUT Z_4TX
Setting 25
03-D-K-5

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	15.72472G	58.87	74.00	-15.13	44.59	3	Horizontal	328	2.12	-	37.98	11.86	35.56
AV	15.72256G	45.24	54.00	-8.76	30.96	3	Horizontal	328	2.12	-	37.98	11.86	35.56

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TnomVnom

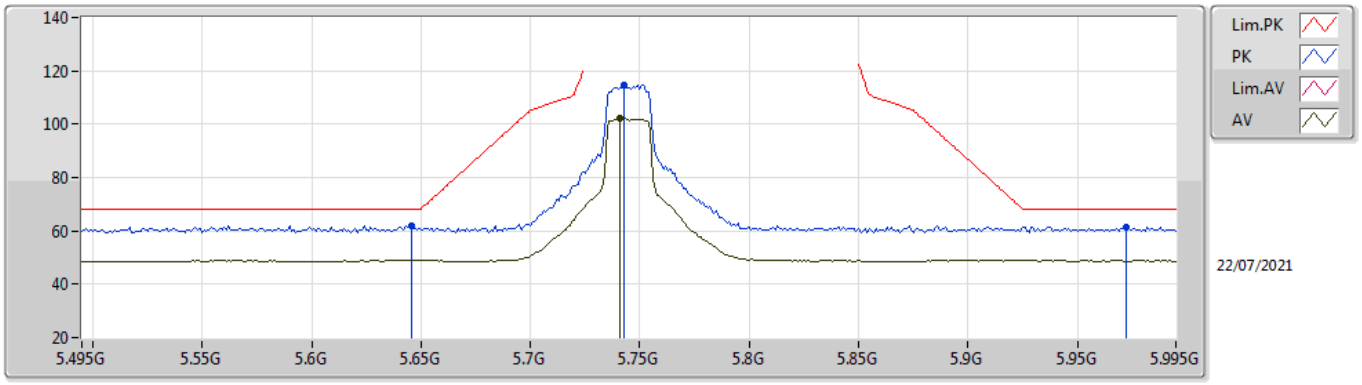


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.647G	64.02	68.20	-4.18	58.22	3	Vertical	179	1.75	-	34.40	6.82	35.42
PK	5.74G	123.79	Inf	-Inf	117.99	3	Vertical	179	1.75	-	34.40	6.87	35.47
AV	5.743G	110.78	Inf	-Inf	104.98	3	Vertical	179	1.75	-	34.40	6.87	35.47
PK	5.973G	62.95	68.20	-5.25	56.90	3	Vertical	179	1.75	-	34.65	6.99	35.59

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TnomVnom

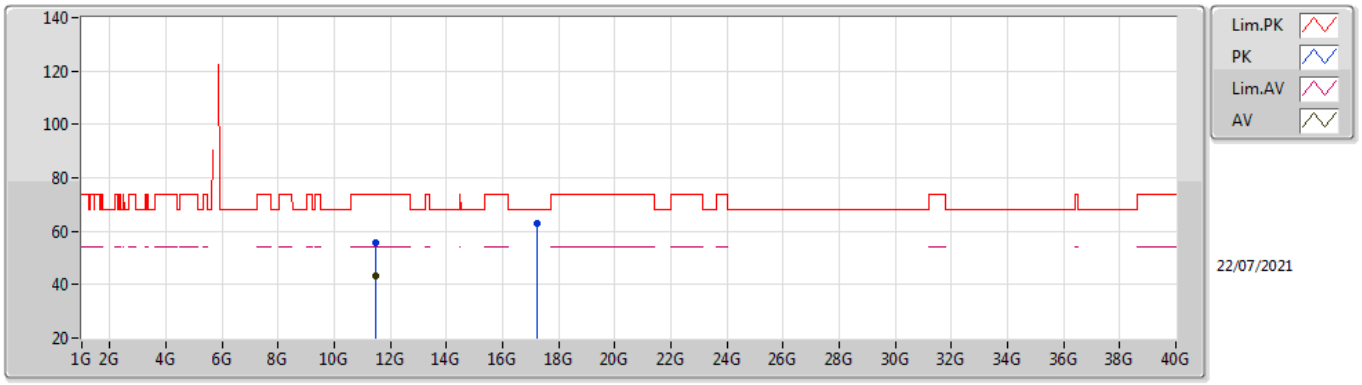


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.646G	62.08	68.20	-6.12	56.28	3	Horizontal	276	2.48	-	34.40	6.82	35.42
PK	5.743G	114.74	Inf	-Inf	108.94	3	Horizontal	276	2.48	-	34.40	6.87	35.47
AV	5.741G	102.16	Inf	-Inf	96.36	3	Horizontal	276	2.48	-	34.40	6.87	35.47
PK	5.972G	61.55	68.20	-6.65	55.51	3	Horizontal	276	2.48	-	34.64	6.99	35.59

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TnomVnom

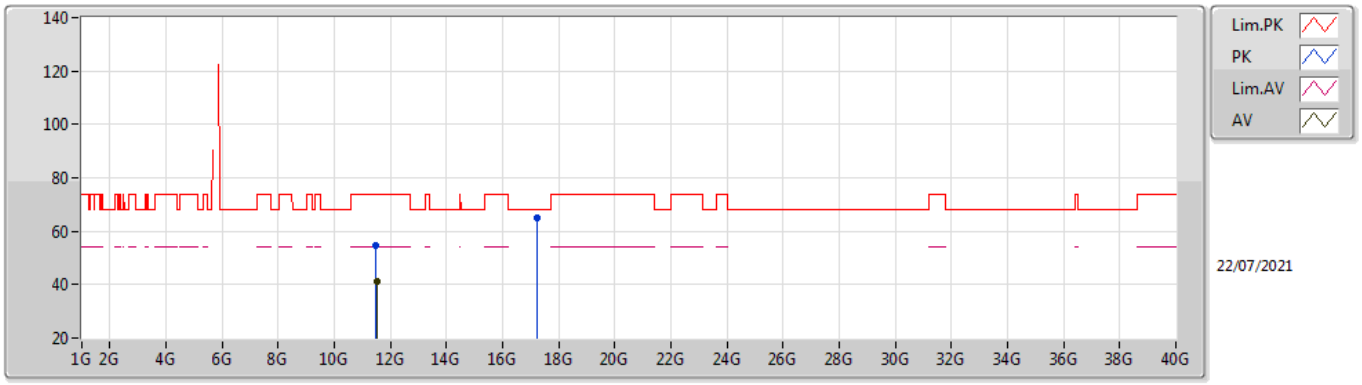


EUT Z_4TX
Setting 25
03-D-K-5

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	11.49154G	55.84	74.00	-18.16	42.35	3	Vertical	57	1.62	-	39.18	9.90	35.59
AV	11.48992G	43.41	54.00	-10.59	29.92	3	Vertical	57	1.62	-	39.18	9.90	35.59
PK	17.23506G	63.11	68.20	-5.09	44.75	3	Vertical	288	3.00	-	40.81	12.43	34.88

802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz_TnomVnom

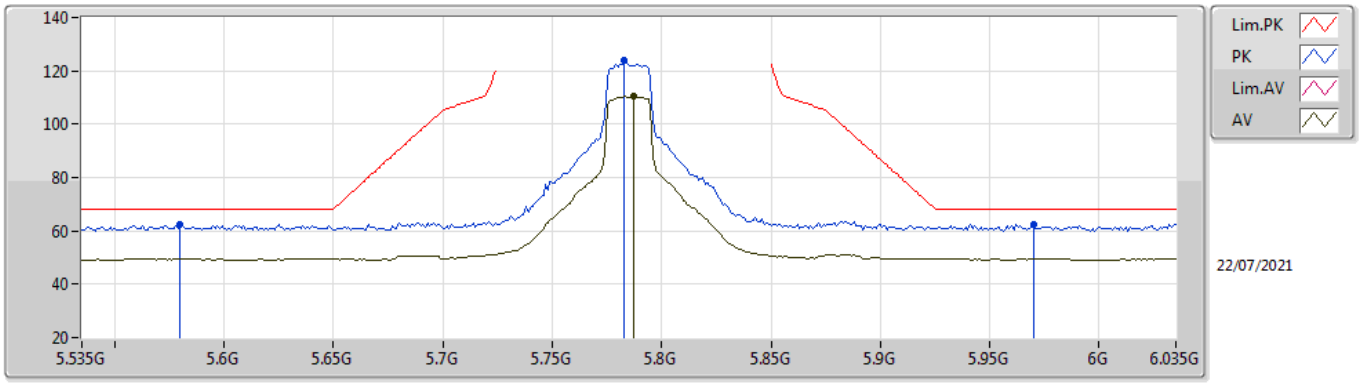


EUT Z_4TX
Setting 25
03-D-K-5

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	11.4844G	54.78	74.00	-19.22	41.29	3	Horizontal	287	1.15	-	39.17	9.90	35.58
AV	11.50088G	41.42	54.00	-12.58	27.92	3	Horizontal	287	1.15	-	39.20	9.90	35.60
PK	17.23052G	64.86	68.20	-3.34	46.52	3	Horizontal	10	2.05	-	40.79	12.43	34.88

802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz_TnomVnom

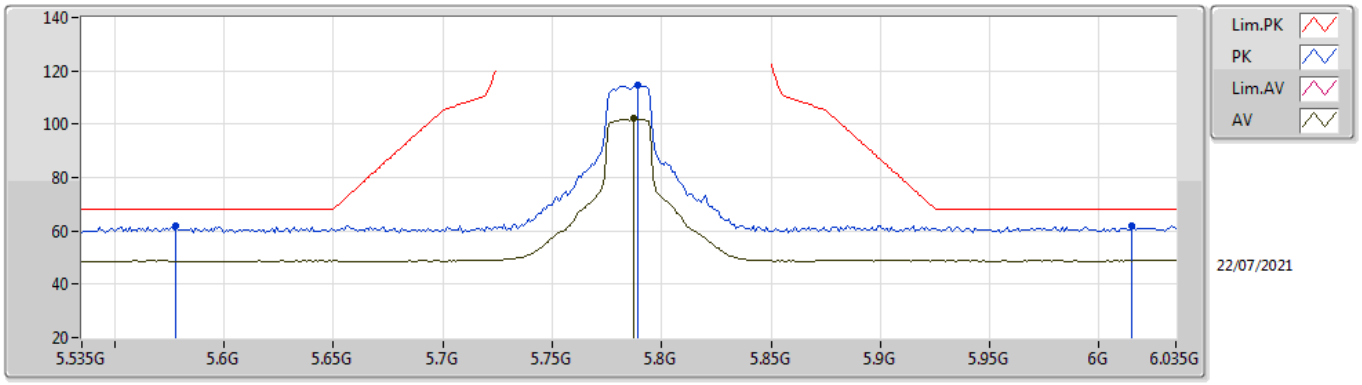


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.58G	62.58	68.20	-5.62	56.72	3	Vertical	226	1.80	-	34.48	6.77	35.39
PK	5.783G	123.93	Inf	-Inf	118.13	3	Vertical	226	1.80	-	34.40	6.89	35.49
AV	5.787G	110.49	Inf	-Inf	104.69	3	Vertical	226	1.80	-	34.40	6.89	35.49
PK	5.97G	62.43	68.20	-5.77	56.39	3	Vertical	226	1.80	-	34.64	6.99	35.59

802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz_TnomVnom

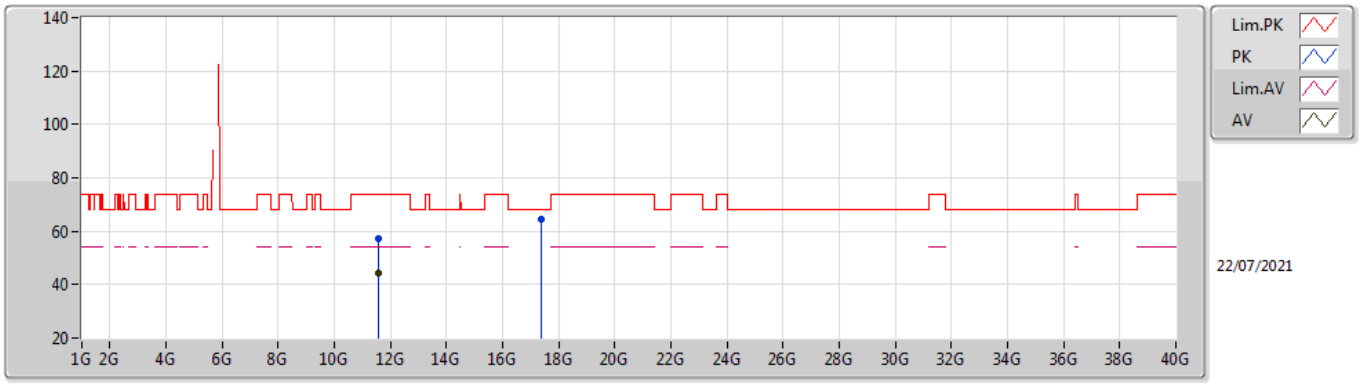


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.578G	61.81	68.20	-6.39	55.94	3	Horizontal	278	2.32	-	34.49	6.77	35.39
PK	5.789G	114.52	Inf	-Inf	108.72	3	Horizontal	278	2.32	-	34.40	6.89	35.49
AV	5.787G	102.26	Inf	-Inf	96.46	3	Horizontal	278	2.32	-	34.40	6.89	35.49
PK	6.015G	61.98	68.20	-6.22	55.83	3	Horizontal	278	2.32	-	34.73	7.01	35.59

802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz_TnomVnom

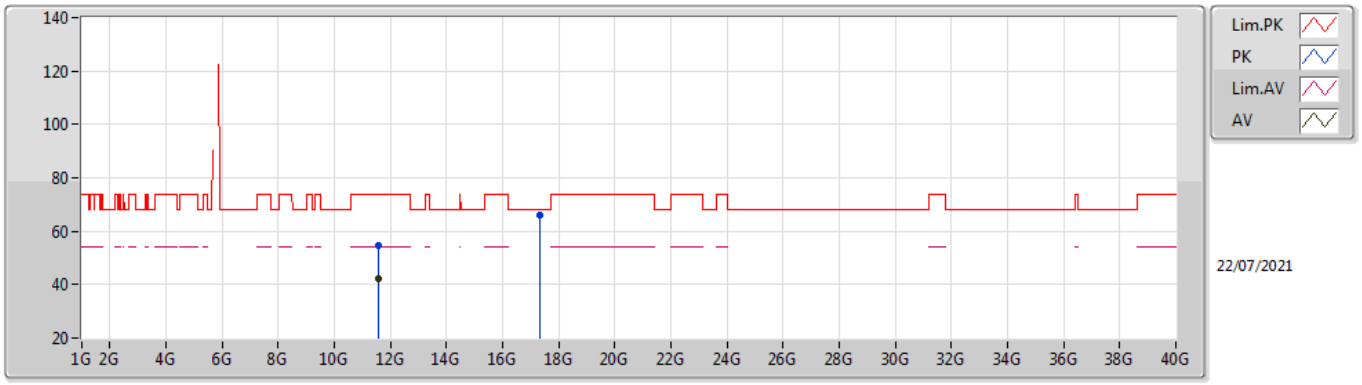


EUT Z_4TX
Setting 25
03-D-K-5

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	11.5687G	57.17	74.00	-16.83	43.37	3	Vertical	56	1.80	-	39.47	9.91	35.58
AV	11.56993G	44.26	54.00	-9.74	30.45	3	Vertical	56	1.80	-	39.48	9.91	35.58
PK	17.35391G	64.31	68.20	-3.89	45.31	3	Vertical	283	1.92	-	41.43	12.47	34.90

802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz_TnomVnom

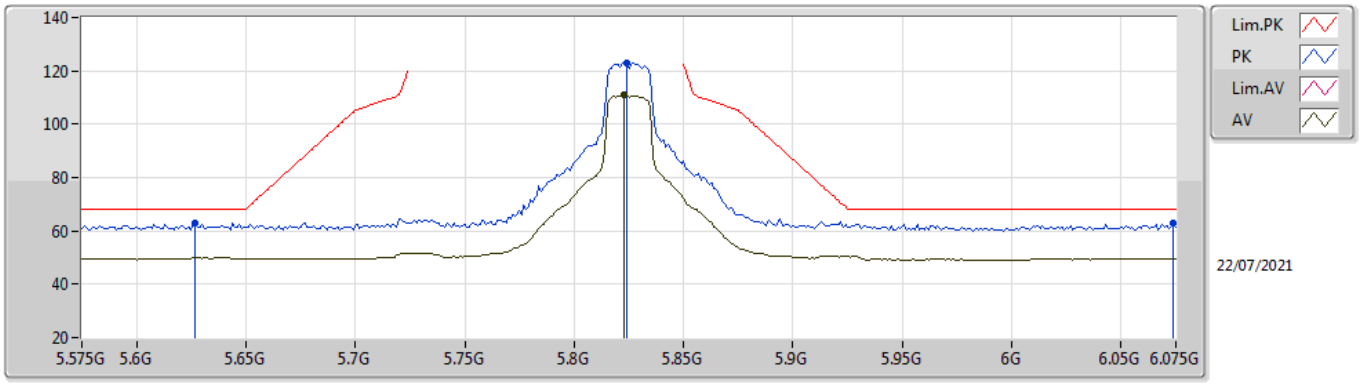


EUT Z_4TX
Setting 25
03-D-K-5

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	11.55848G	54.73	74.00	-19.27	40.98	3	Horizontal	328	2.61	-	39.43	9.91	35.59
AV	11.57064G	42.07	54.00	-11.93	28.26	3	Horizontal	328	2.61	-	39.48	9.91	35.58
PK	17.3514G	65.94	68.20	-2.26	46.96	3	Horizontal	39	1.80	-	41.41	12.47	34.90

802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz_TnomVnom

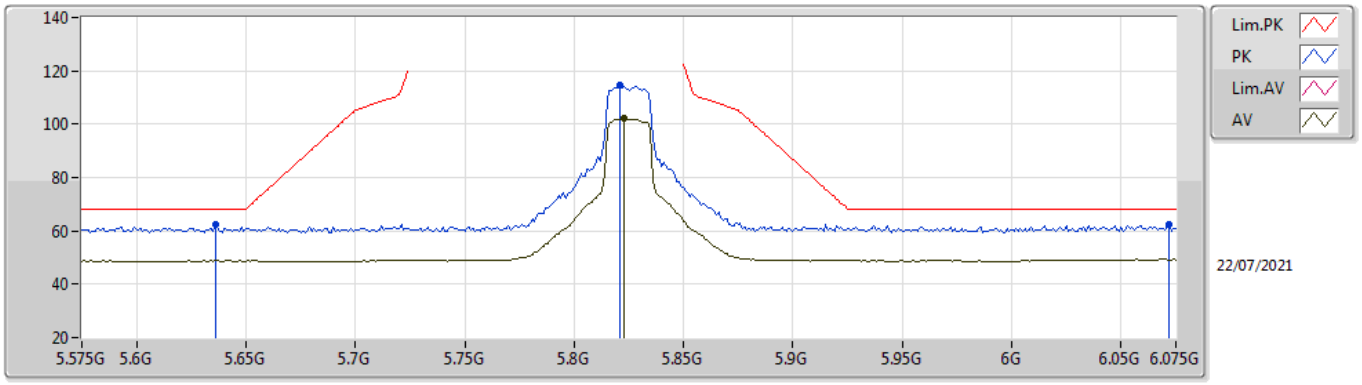


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.627G	62.94	68.20	-5.26	57.14	3	Vertical	213	1.40	-	34.40	6.81	35.41
PK	5.824G	123.15	Inf	-Inf	117.35	3	Vertical	213	1.40	-	34.40	6.91	35.51
AV	5.823G	111.29	Inf	-Inf	105.49	3	Vertical	213	1.40	-	34.40	6.91	35.51
PK	6.074G	62.76	68.20	-5.44	56.35	3	Vertical	213	1.40	-	34.94	7.04	35.57

802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz_TnomVnom

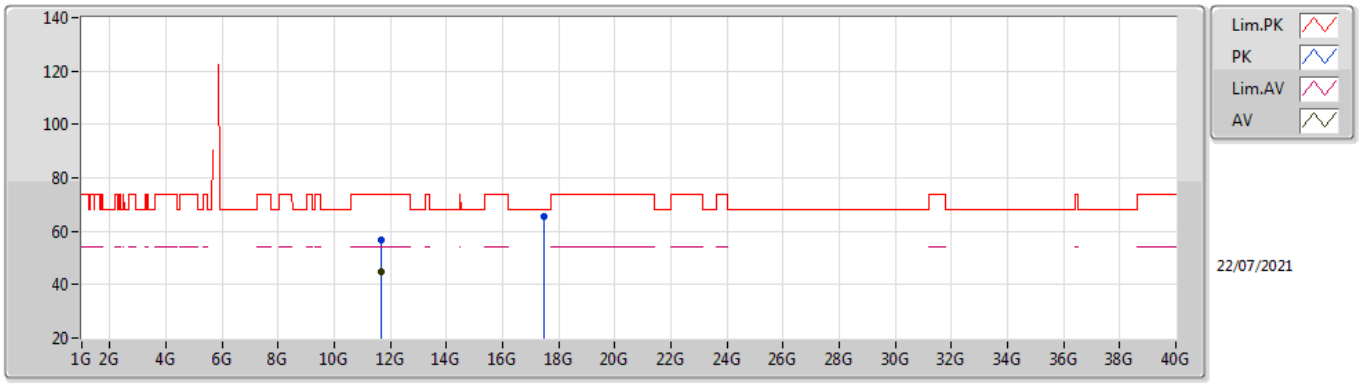


EUT Z_4TX
Setting 25
03-D-K-5-13

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	5.636G	62.42	68.20	-5.78	56.62	3	Horizontal	279	2.19	-	34.40	6.82	35.42
PK	5.821G	114.66	Inf	-Inf	108.86	3	Horizontal	279	2.19	-	34.40	6.91	35.51
AV	5.823G	102.19	Inf	-Inf	96.39	3	Horizontal	279	2.19	-	34.40	6.91	35.51
PK	6.072G	62.52	68.20	-5.68	56.12	3	Horizontal	279	2.19	-	34.93	7.04	35.57

802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz_TnomVnom

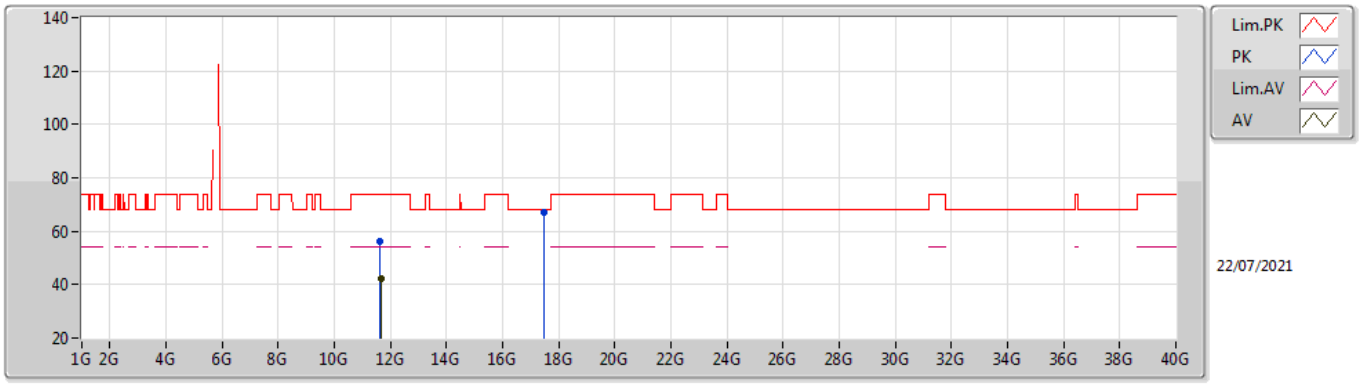


EUT Z_4TX
Setting 25
03-D-K-5

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	11.65008G	56.91	74.00	-17.09	42.95	3	Vertical	104	1.81	-	39.60	9.93	35.57
AV	11.64995G	44.66	54.00	-9.34	30.70	3	Vertical	104	1.81	-	39.60	9.93	35.57
PK	17.46836G	65.43	68.20	-2.77	45.62	3	Vertical	68	1.73	-	42.21	12.51	34.91

802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz_TnomVnom

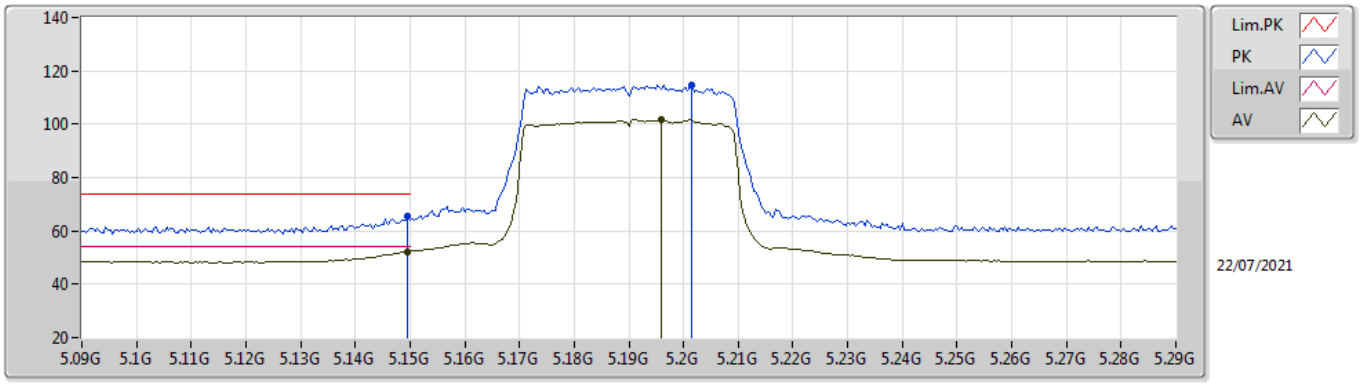


EUT Z_4TX
Setting 25
03-D-K-5

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	11.64192G	56.14	74.00	-17.86	42.18	3	Horizontal	78	1.80	-	39.60	9.93	35.57
AV	11.64992G	42.38	54.00	-11.62	28.42	3	Horizontal	78	1.80	-	39.60	9.93	35.57
PK	17.47884G	66.83	68.20	-1.37	46.95	3	Horizontal	35	1.81	-	42.27	12.52	34.91

802.11ax HEW40_Nss4,(MCS0)_4TX

5190MHz_TnomVnom

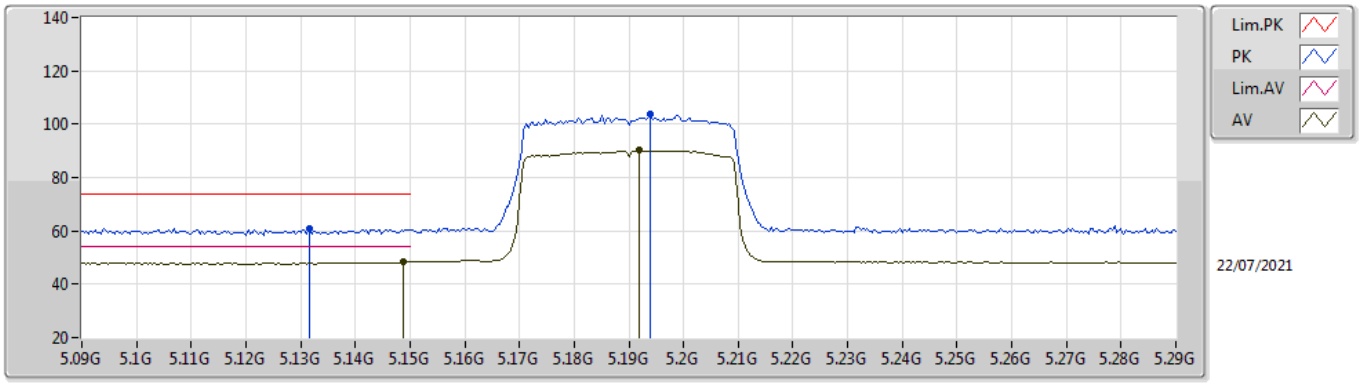


EUT Z_4TX
Setting 17
03-D-K-5-13

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	5.1496G	65.44	74.00	-8.56	60.25	3	Vertical	246	1.50	-	34.10	6.43	35.34
AV	5.1496G	52.29	54.00	-1.71	47.10	3	Vertical	246	1.50	-	34.10	6.43	35.34
PK	5.2016G	114.57	Inf	-Inf	109.50	3	Vertical	246	1.50	-	34.01	6.40	35.34
AV	5.196G	101.65	Inf	-Inf	96.58	3	Vertical	246	1.50	-	34.01	6.40	35.34

802.11ax HEW40_Nss4,(MCS0)_4TX

5190MHz_TnomVnom

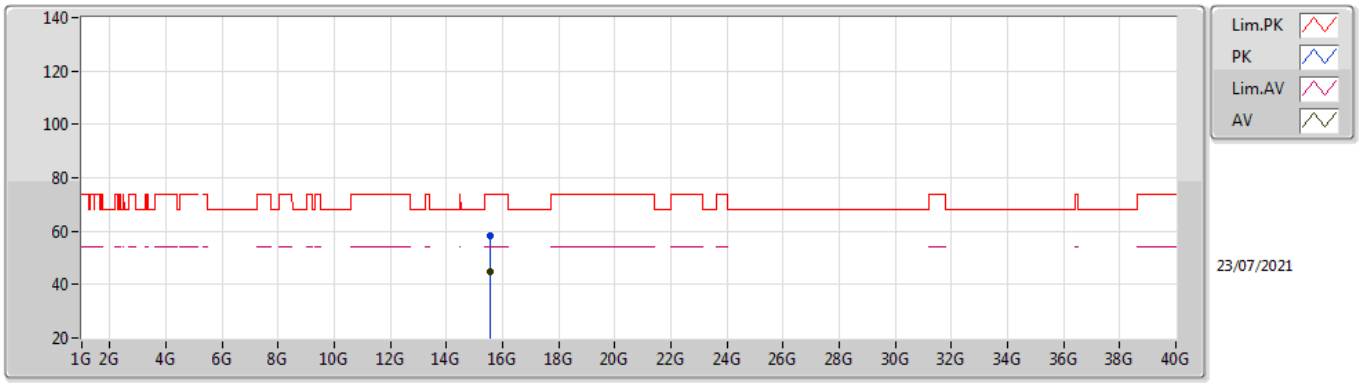


EUT Z_4TX
Setting 17
03-D-K-5-13

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	5.1316G	60.85	74.00	-13.15	55.73	3	Horizontal	88	1.80	-	34.03	6.43	35.34
AV	5.1488G	48.26	54.00	-5.74	43.07	3	Horizontal	88	1.80	-	34.10	6.43	35.34
PK	5.194G	103.91	Inf	-Inf	98.84	3	Horizontal	88	1.80	-	34.01	6.40	35.34
AV	5.192G	90.09	Inf	-Inf	85.01	3	Horizontal	88	1.80	-	34.02	6.40	35.34

802.11ax HEW40_Nss4,(MCS0)_4TX

5190MHz_TnomVnom

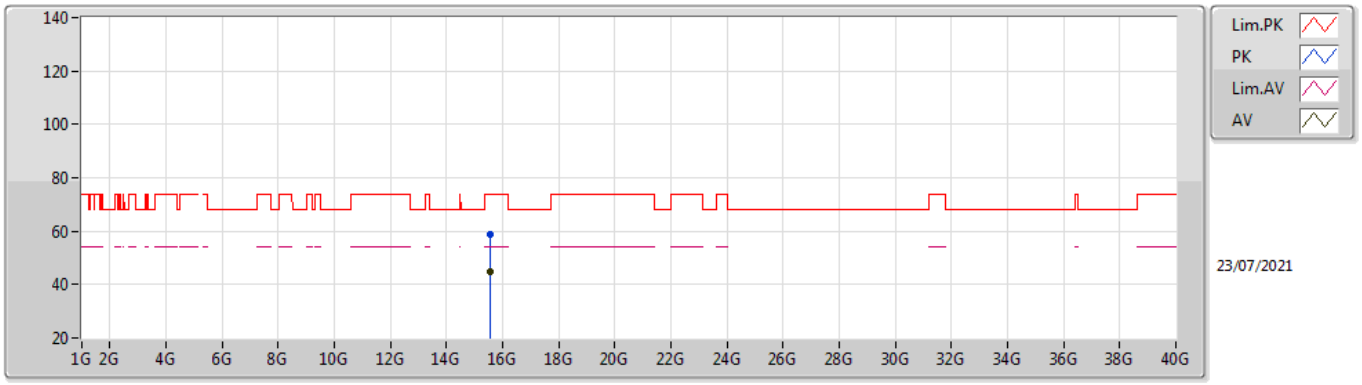


EUT Z_4TX
Setting 17
03-D-K-5

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	15.57056G	58.39	74.00	-15.61	43.97	3	Vertical	5	1.78	-	38.06	11.79	35.43
AV	15.57048G	44.87	54.00	-9.13	30.44	3	Vertical	5	1.78	-	38.07	11.79	35.43

802.11ax HEW40_Nss4,(MCS0)_4TX

5190MHz_TnomVnom

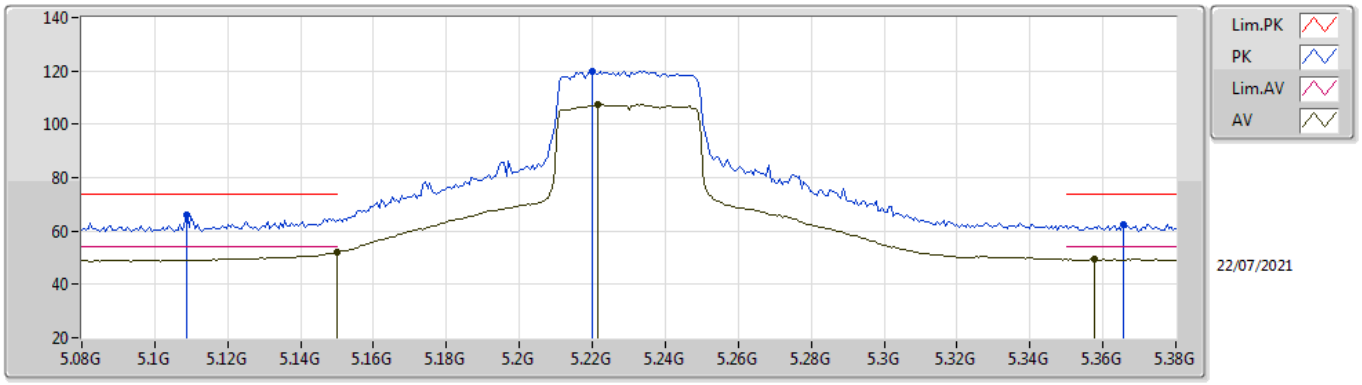


EUT Z_4TX
Setting 17
03-D-K-5

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	15.5746G	58.58	74.00	-15.42	44.19	3	Horizontal	299	1.11	-	38.03	11.79	35.43
AV	15.57688G	44.83	54.00	-9.17	30.46	3	Horizontal	299	1.11	-	38.01	11.79	35.43

802.11ax HEW40_Nss4,(MCS0)_4TX

5230MHz_TnomVnom

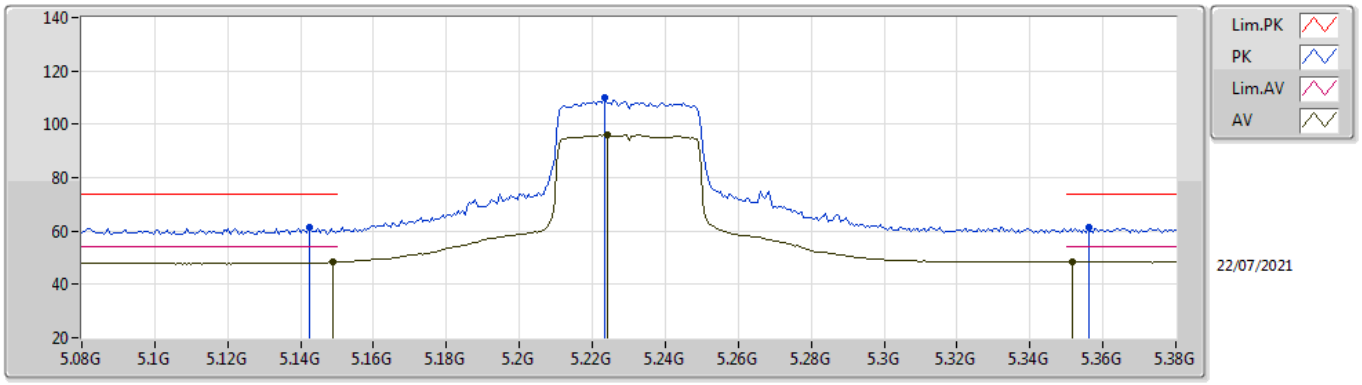


EUT Z_4TX
Setting 23
03-D-K-5-13

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	5.1088G	66.06	74.00	-7.94	61.00	3	Vertical	240	1.47	-	33.94	6.45	35.33
AV	5.15G	52.17	54.00	-1.83	46.98	3	Vertical	240	1.47	-	34.10	6.43	35.34
PK	5.2198G	120.03	Inf	-Inf	114.88	3	Vertical	240	1.47	-	34.08	6.41	35.34
AV	5.2216G	107.42	Inf	-Inf	102.26	3	Vertical	240	1.47	-	34.09	6.41	35.34
PK	5.3656G	62.41	74.00	-11.59	56.70	3	Vertical	240	1.47	-	34.57	6.48	35.34
AV	5.3578G	49.49	54.00	-4.51	43.77	3	Vertical	240	1.47	-	34.58	6.48	35.34

802.11ax HEW40_Nss4,(MCS0)_4TX

5230MHz_TnomVnom

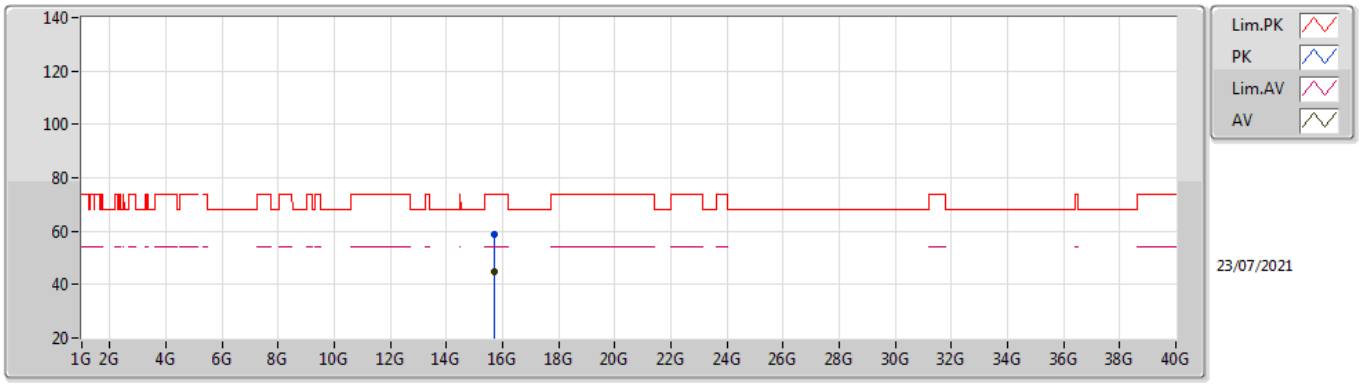


EUT Z_4TX
Setting 23
03-D-K-5-13

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	5.1424G	61.47	74.00	-12.53	56.31	3	Horizontal	87	1.78	-	34.07	6.43	35.34
AV	5.149G	48.43	54.00	-5.57	43.24	3	Horizontal	87	1.78	-	34.10	6.43	35.34
PK	5.2234G	109.95	Inf	-Inf	104.79	3	Horizontal	87	1.78	-	34.09	6.41	35.34
AV	5.224G	96.11	Inf	-Inf	90.94	3	Horizontal	87	1.78	-	34.10	6.41	35.34
PK	5.356G	61.33	74.00	-12.67	55.60	3	Horizontal	87	1.78	-	34.59	6.48	35.34
AV	5.3518G	48.53	54.00	-5.47	42.79	3	Horizontal	87	1.78	-	34.60	6.48	35.34

802.11ax HEW40_Nss4,(MCS0)_4TX

5230MHz_TnomVnom

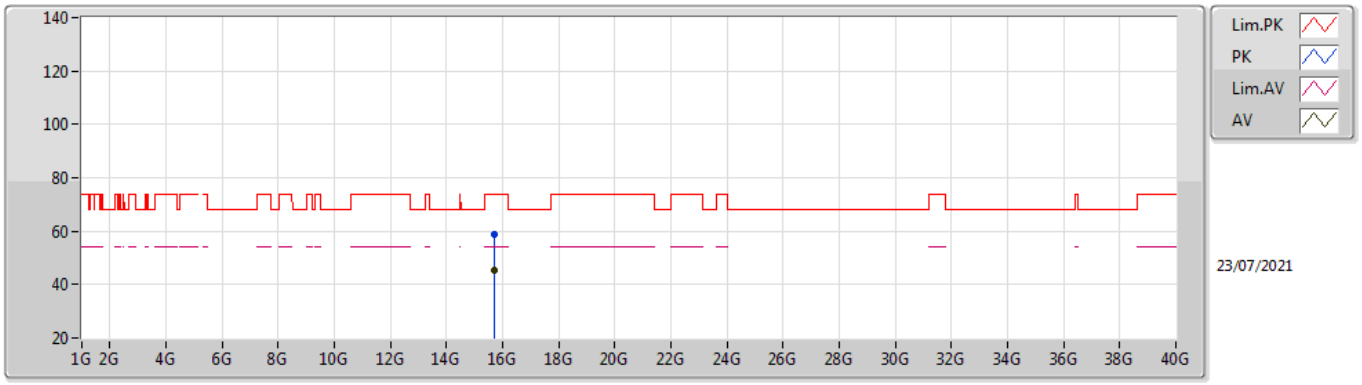


EUT Z_4TX
Setting 23
03-D-K-5

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	15.69556G	58.60	74.00	-15.40	44.29	3	Vertical	46	2.89	-	37.99	11.85	35.53
AV	15.69692G	44.94	54.00	-9.06	30.64	3	Vertical	46	2.89	-	37.99	11.85	35.54

802.11ax HEW40_Nss4,(MCS0)_4TX

5230MHz_TnomVnom

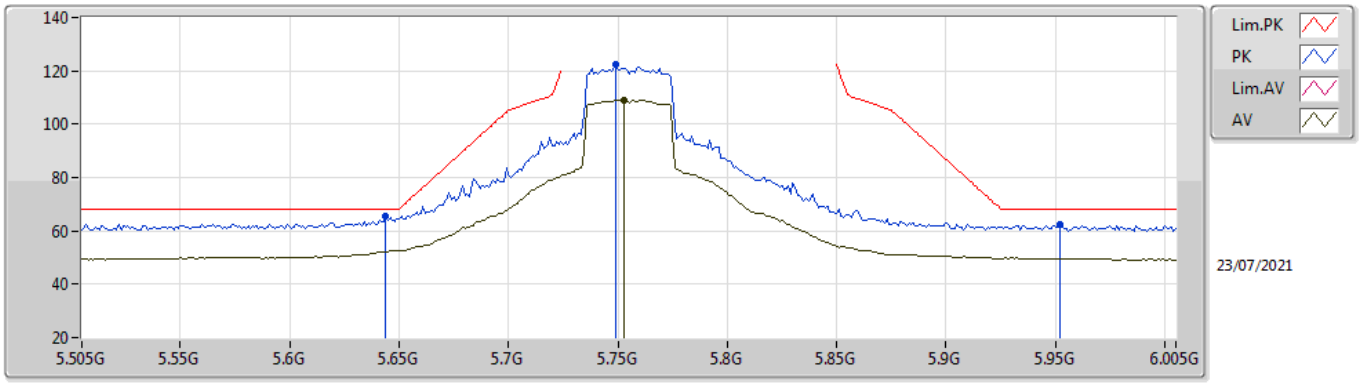


EUT Z_4TX
Setting 23
03-D-K-5

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	15.69028G	58.62	74.00	-15.38	44.32	3	Horizontal	225	1.51	-	37.98	11.85	35.53
AV	15.69372G	45.09	54.00	-8.91	30.78	3	Horizontal	225	1.51	-	37.99	11.85	35.53

802.11ax HEW40_Nss4,(MCS0)_4TX

5755MHz_TnomVnom

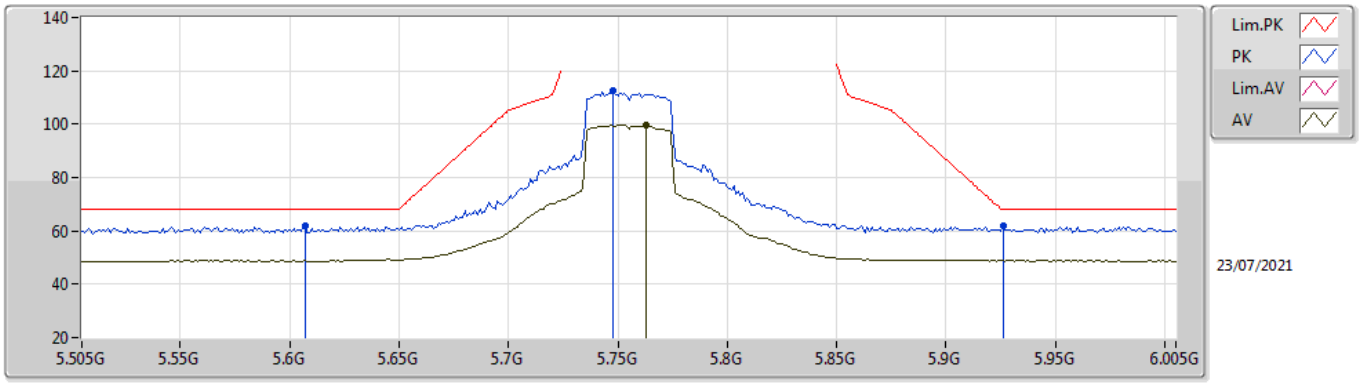


EUT Z_4TX
Setting 25
03-D-S-5-13

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	5.644G	65.51	68.20	-2.69	59.71	3	Vertical	218	1.51	-	34.40	6.82	35.42
PK	5.749G	122.18	Inf	-Inf	116.38	3	Vertical	218	1.51	-	34.40	6.87	35.47
AV	5.753G	109.12	Inf	-Inf	103.32	3	Vertical	218	1.51	-	34.40	6.88	35.48
PK	5.952G	62.18	68.20	-6.02	56.18	3	Vertical	218	1.51	-	34.60	6.98	35.58

802.11ax HEW40_Nss4,(MCS0)_4TX

5755MHz_TnomVnom

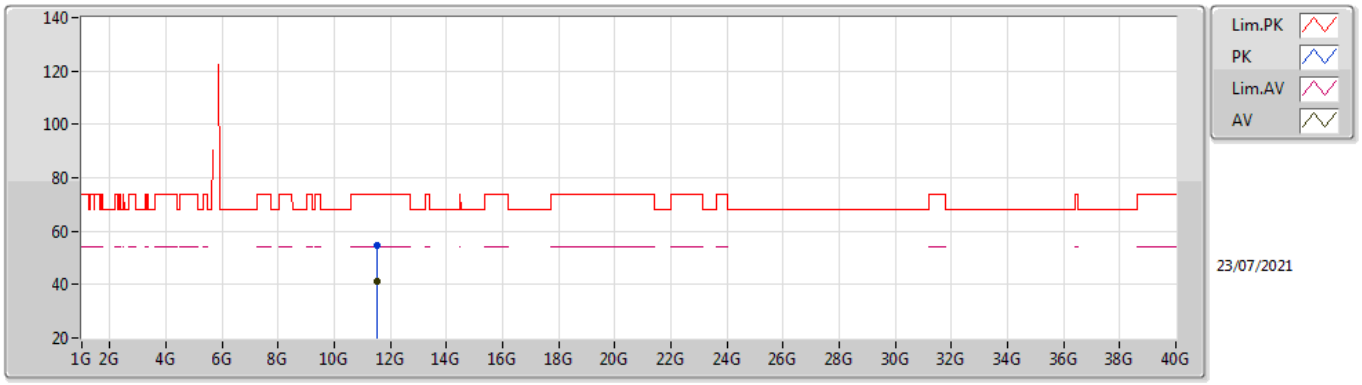


EUT Z_4TX
Setting 25
03-D-S-5-13

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	5.607G	61.94	68.20	-6.26	56.14	3	Horizontal	274	2.61	-	34.40	6.80	35.40
PK	5.748G	112.37	Inf	-Inf	106.57	3	Horizontal	274	2.61	-	34.40	6.87	35.47
AV	5.763G	99.62	Inf	-Inf	93.82	3	Horizontal	274	2.61	-	34.40	6.88	35.48
PK	5.926G	61.74	68.20	-6.46	55.69	3	Horizontal	274	2.61	-	34.65	6.96	35.56

802.11ax HEW40_Nss4,(MCS0)_4TX

5755MHz_TnomVnom

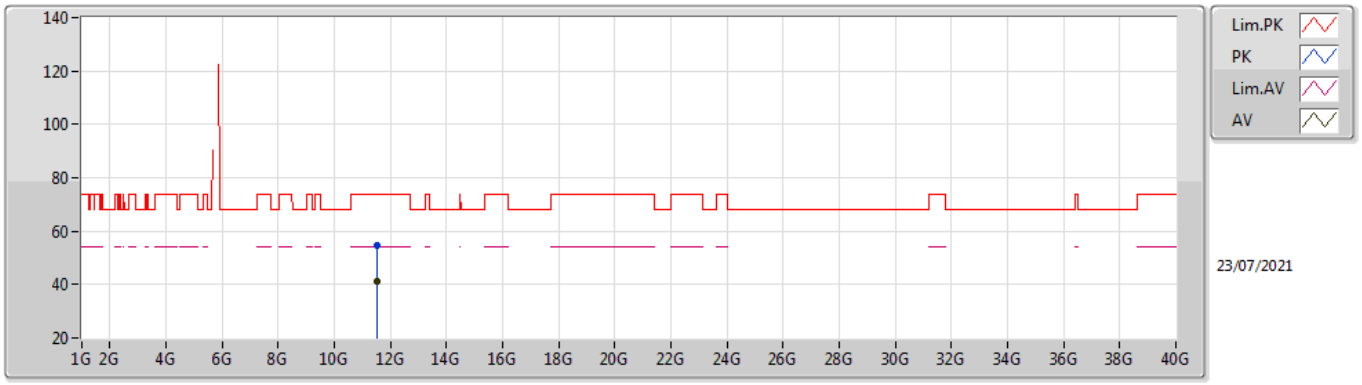


EUT Z_4TX
Setting 25
03-D-S-5

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	11.51764G	54.53	74.00	-19.47	40.96	3	Vertical	174	1.01	-	39.27	9.90	35.60
AV	11.51768G	41.31	54.00	-12.69	27.74	3	Vertical	174	1.01	-	39.27	9.90	35.60

802.11ax HEW40_Nss4,(MCS0)_4TX

5755MHz_TnomVnom

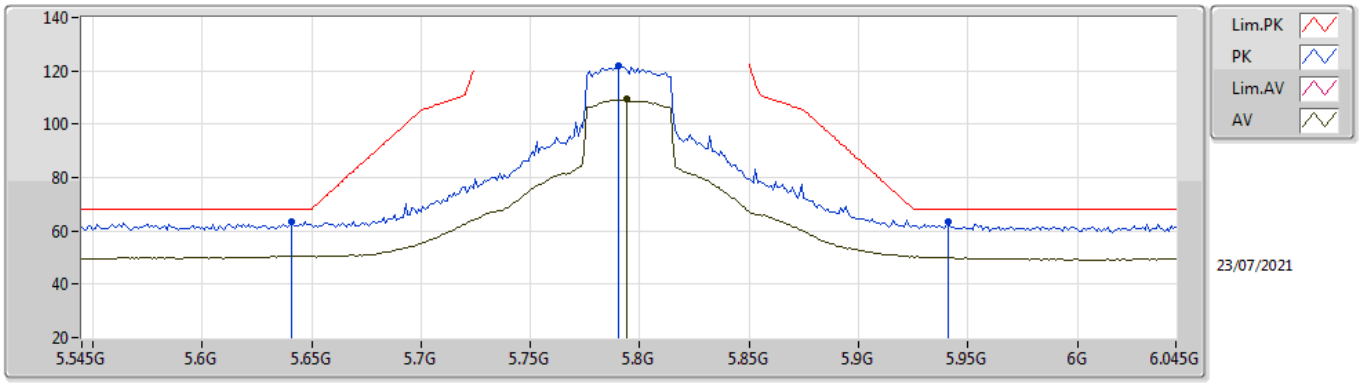


EUT Z_4TX
Setting 25
03-D-S-5

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	11.51024G	54.84	74.00	-19.16	41.30	3	Horizontal	81	1.30	-	39.24	9.90	35.60
AV	11.51772G	41.27	54.00	-12.73	27.70	3	Horizontal	81	1.30	-	39.27	9.90	35.60

802.11ax HEW40_Nss4,(MCS0)_4TX

5795MHz_TnomVnom

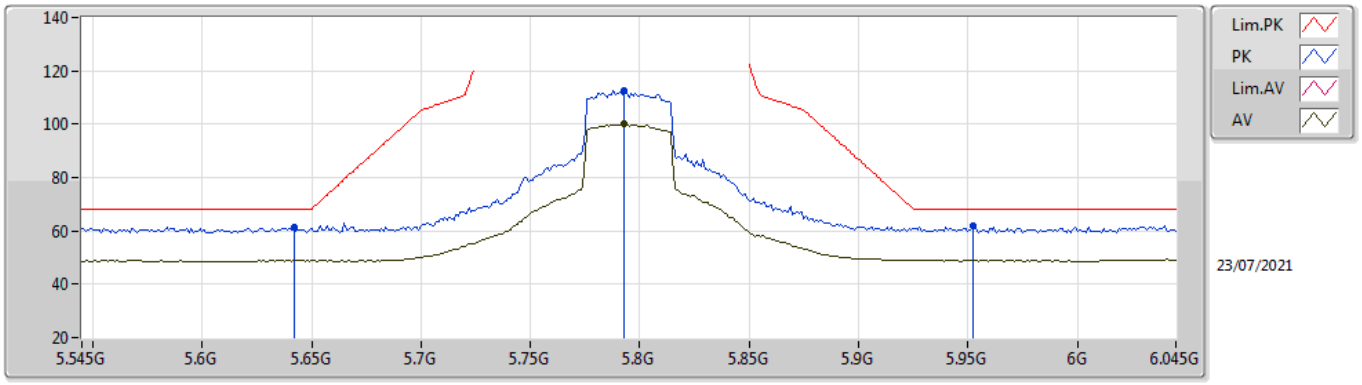


EUT Z_4TX
Setting 25
03-D-S-5-13

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	5.641G	63.37	68.20	-4.83	57.57	3	Vertical	209	1.36	-	34.40	6.82	35.42
PK	5.79G	121.85	Inf	-Inf	116.05	3	Vertical	209	1.36	-	34.40	6.90	35.50
AV	5.794G	109.58	Inf	-Inf	103.78	3	Vertical	209	1.36	-	34.40	6.90	35.50
PK	5.941G	63.27	68.20	-4.93	57.25	3	Vertical	209	1.36	-	34.62	6.97	35.57

802.11ax HEW40_Nss4,(MCS0)_4TX

5795MHz_TnomVnom

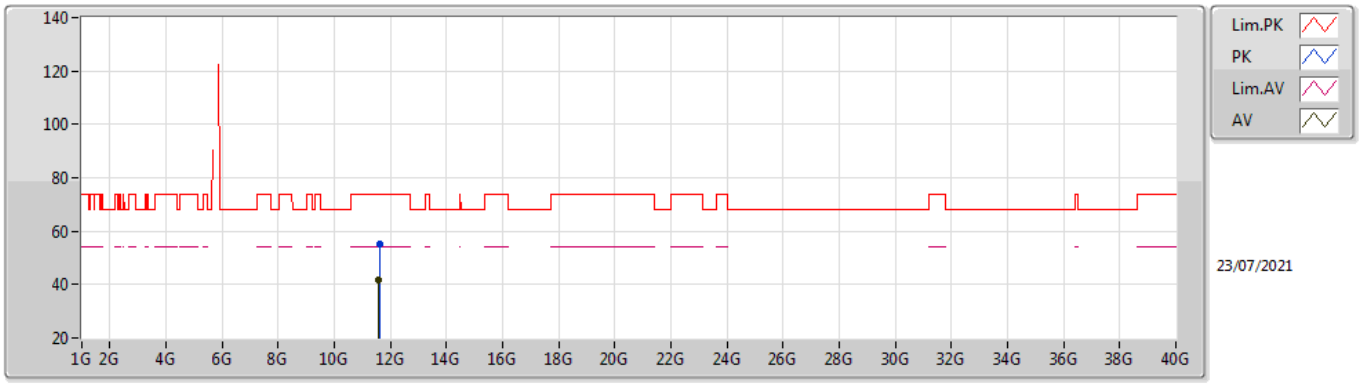


EUT Z_4TX
Setting 25
03-D-S-5-13

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	5.642G	61.38	68.20	-6.82	55.58	3	Horizontal	277	2.32	-	34.40	6.82	35.42
PK	5.793G	112.78	Inf	-Inf	106.98	3	Horizontal	277	2.32	-	34.40	6.90	35.50
AV	5.793G	99.93	Inf	-Inf	94.13	3	Horizontal	277	2.32	-	34.40	6.90	35.50
PK	5.952G	61.99	68.20	-6.21	55.99	3	Horizontal	277	2.32	-	34.60	6.98	35.58

802.11ax HEW40_Nss4,(MCS0)_4TX

5795MHz_TnomVnom

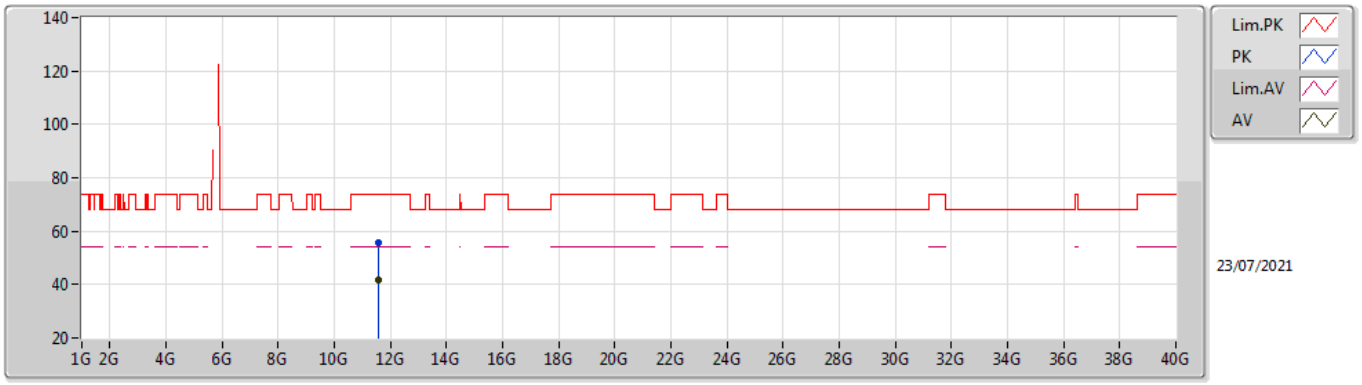


EUT Z_4TX
Setting 25
03-D-S-5

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	11.59972G	55.21	74.00	-18.79	41.27	3	Vertical	338	1.24	-	39.60	9.92	35.58
AV	11.58164G	41.70	54.00	-12.30	27.83	3	Vertical	338	1.24	-	39.53	9.92	35.58

802.11ax HEW40_Nss4,(MCS0)_4TX

5795MHz_TnomVnom

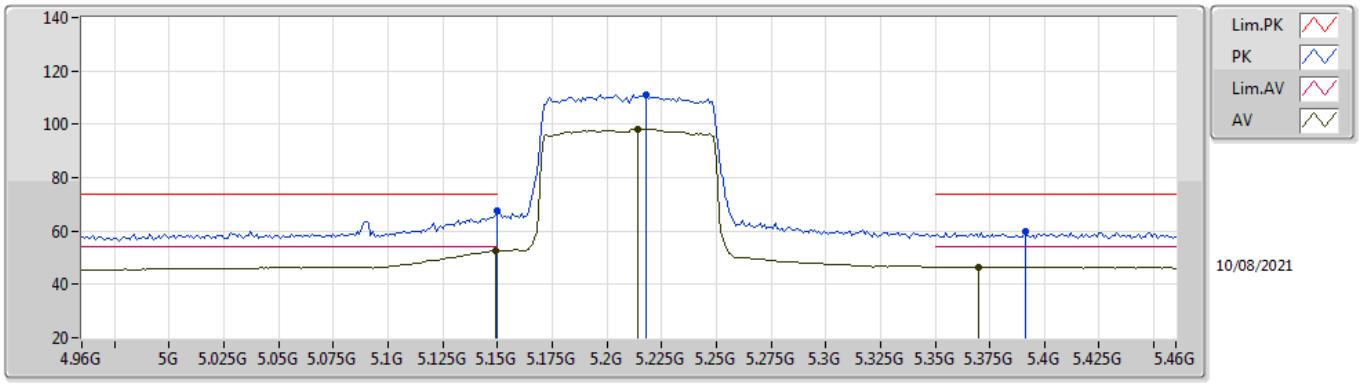


EUT Z_4TX
Setting 25
03-D-S-5

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	11.5854G	55.64	74.00	-18.36	41.76	3	Horizontal	68	1.09	-	39.54	9.92	35.58
AV	11.58976G	41.63	54.00	-12.37	27.73	3	Horizontal	68	1.09	-	39.56	9.92	35.58

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TnomVnom

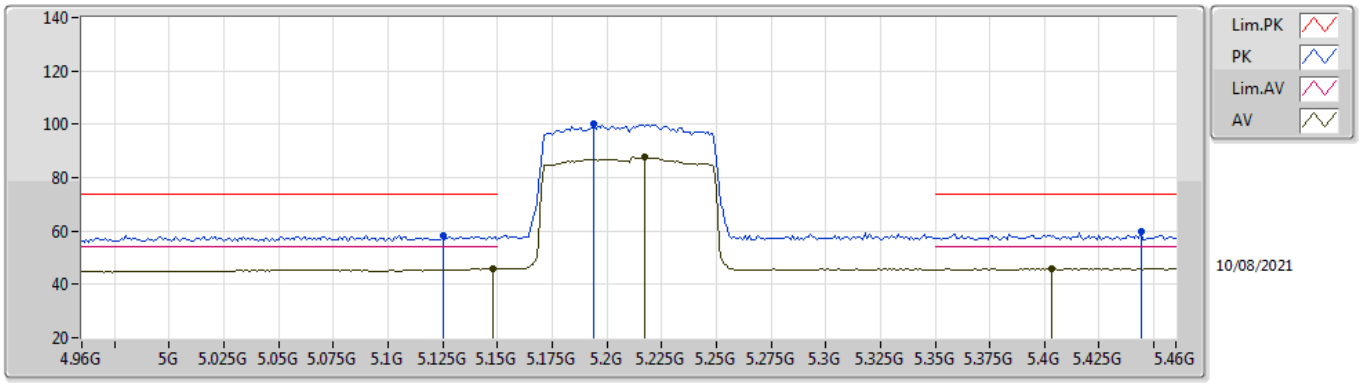


EUT Z_4TX
Setting 16.5
03-D-K-5-10

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	5.15G	67.80	74.00	-6.20	62.61	3	Vertical	240	1.91	-	34.10	6.43	35.34
AV	5.149G	52.53	54.00	-1.47	47.34	3	Vertical	240	1.91	-	34.10	6.43	35.34
PK	5.218G	111.24	Inf	-Inf	106.10	3	Vertical	240	1.91	-	34.07	6.41	35.34
AV	5.214G	98.34	Inf	-Inf	93.21	3	Vertical	240	1.91	-	34.06	6.41	35.34
PK	5.391G	59.92	74.00	-14.08	54.25	3	Vertical	240	1.91	-	34.52	6.50	35.35
AV	5.37G	46.58	54.00	-7.42	40.87	3	Vertical	240	1.91	-	34.56	6.49	35.34

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TnomVnom

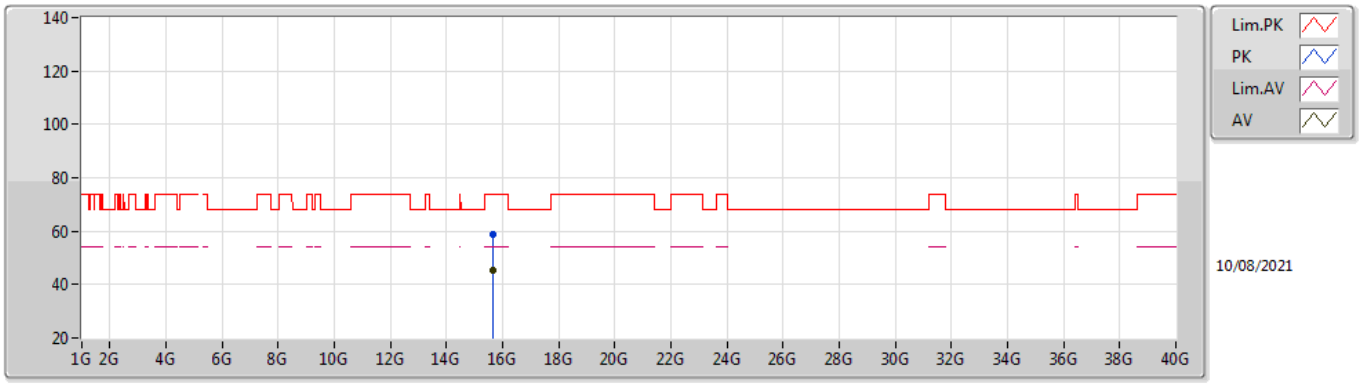


EUT Z_4TX
Setting 16.5
03-D-K-5-10

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	5.125G	58.42	74.00	-15.58	53.32	3	Horizontal	182	1.69	-	34.00	6.44	35.34
AV	5.148G	46.01	54.00	-7.99	40.83	3	Horizontal	182	1.69	-	34.09	6.43	35.34
PK	5.194G	99.94	Inf	-Inf	94.87	3	Horizontal	182	1.69	-	34.01	6.40	35.34
AV	5.217G	87.66	Inf	-Inf	82.52	3	Horizontal	182	1.69	-	34.07	6.41	35.34
PK	5.444G	59.71	74.00	-14.29	53.81	3	Horizontal	182	1.69	-	34.68	6.57	35.35
AV	5.403G	45.81	54.00	-8.19	40.15	3	Horizontal	182	1.69	-	34.51	6.50	35.35

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TnomVnom

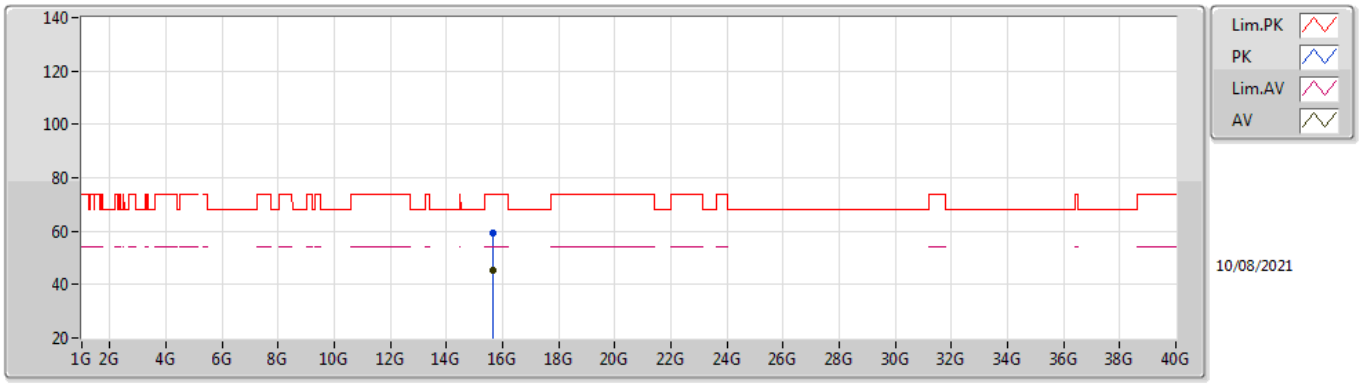


EUT Z_4TX
Setting 16.5
03-D-K-5

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	15.63128G	58.80	74.00	-15.20	44.60	3	Vertical	167	2.10	-	37.86	11.82	35.48
AV	15.63748G	45.29	54.00	-8.71	31.09	3	Vertical	167	2.10	-	37.87	11.82	35.49

802.11ax HEW80_Nss4,(MCS0)_4TX

5210MHz_TnomVnom

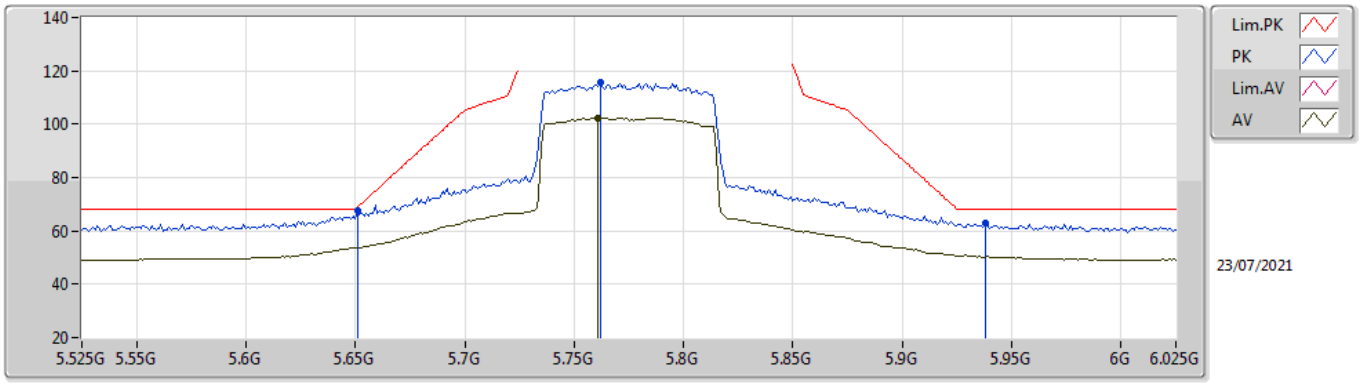


EUT Z_4TX
Setting 16.5
03-D-K-5

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	15.63216G	59.46	74.00	-14.54	45.26	3	Horizontal	204	1.80	-	37.86	11.82	35.48
AV	15.63652G	45.31	54.00	-8.69	31.10	3	Horizontal	204	1.80	-	37.87	11.82	35.48

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TnomVnom

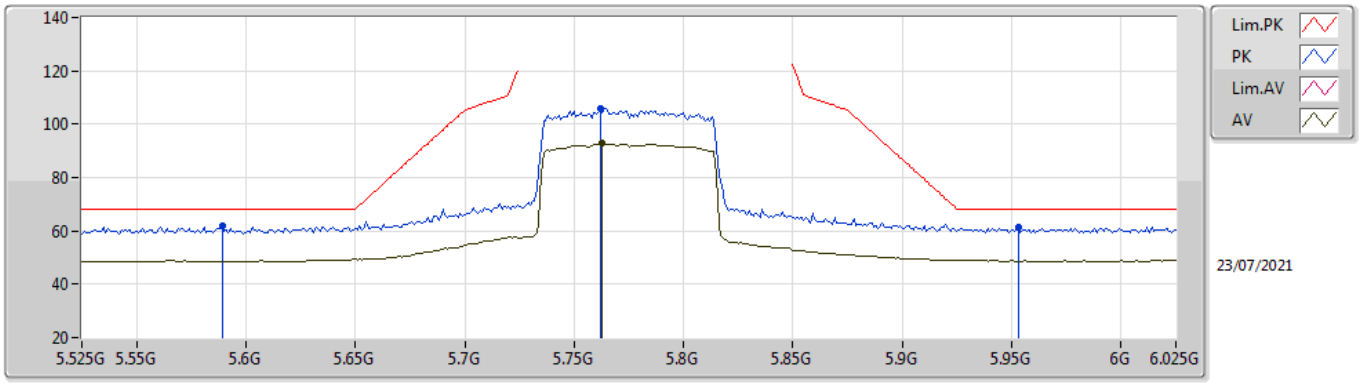


EUT Z_4TX
Setting 21
03-D-S-5-13

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	5.651G	67.51	68.94	-1.43	61.71	3	Vertical	216	1.36	-	34.40	6.83	35.43
PK	5.762G	115.94	Inf	-Inf	110.14	3	Vertical	216	1.36	-	34.40	6.88	35.48
AV	5.761G	102.31	Inf	-Inf	96.51	3	Vertical	216	1.36	-	34.40	6.88	35.48
PK	5.938G	62.69	68.20	-5.51	56.67	3	Vertical	216	1.36	-	34.62	6.97	35.57

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TnomVnom

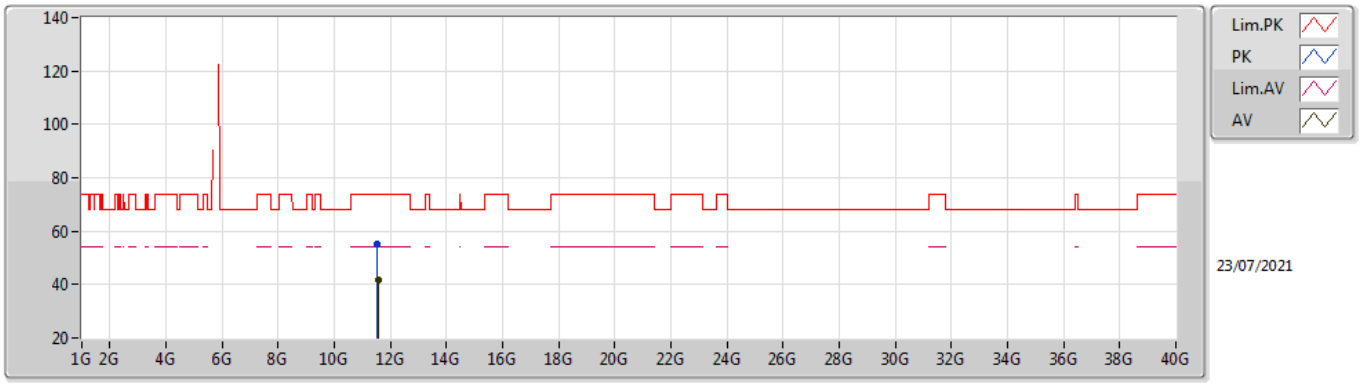


EUT Z_4TX
Setting 21
03-D-S-5-13

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	5.589G	61.79	68.20	-6.41	55.96	3	Horizontal	278	2.40	-	34.44	6.78	35.39
PK	5.762G	105.96	Inf	-Inf	100.16	3	Horizontal	278	2.40	-	34.40	6.88	35.48
AV	5.763G	92.76	Inf	-Inf	86.96	3	Horizontal	278	2.40	-	34.40	6.88	35.48
PK	5.953G	61.22	68.20	-6.98	55.21	3	Horizontal	278	2.40	-	34.61	6.98	35.58

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TnomVnom

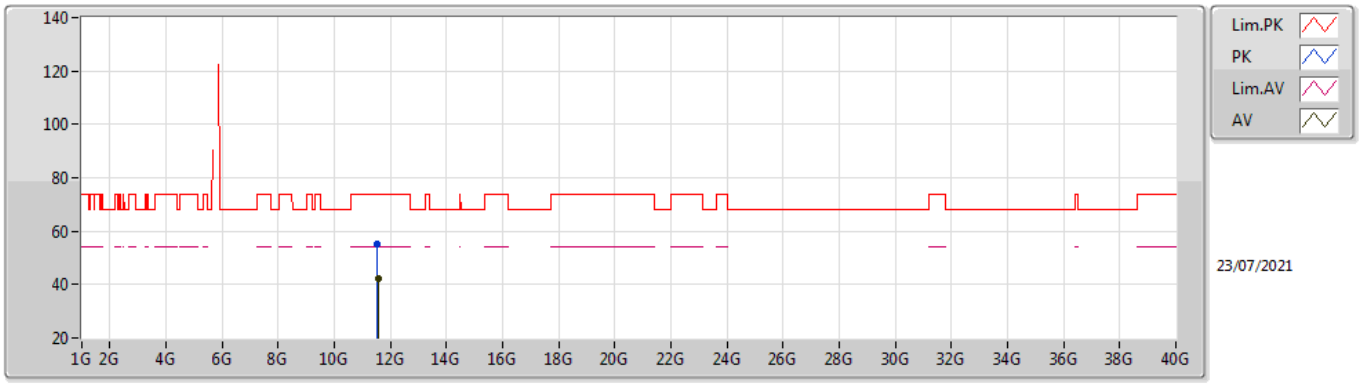


EUT Z_4TX
Setting 21
03-D-S-5

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	11.54564G	55.37	74.00	-18.63	41.67	3	Vertical	21	1.84	-	39.38	9.91	35.59
AV	11.55696G	41.60	54.00	-12.40	27.85	3	Vertical	21	1.84	-	39.43	9.91	35.59

802.11ax HEW80_Nss4,(MCS0)_4TX

5775MHz_TnomVnom

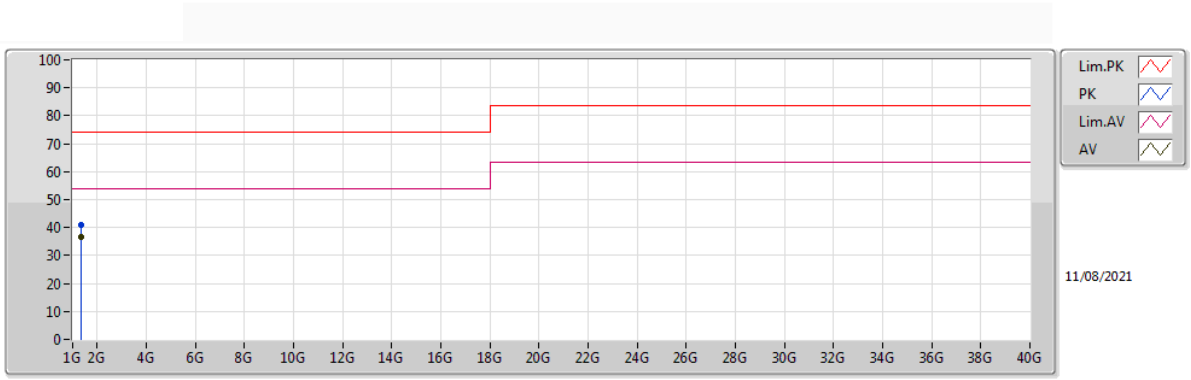


EUT Z_4TX
Setting 21
03-D-S-5

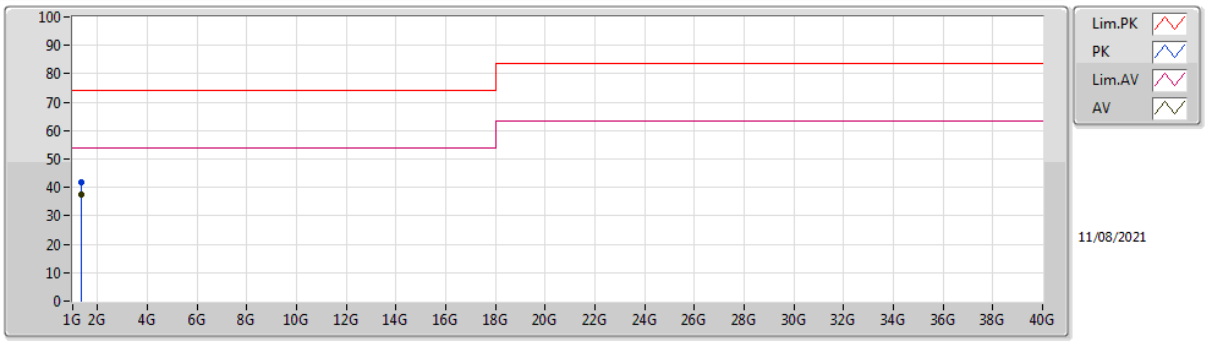
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5452G	54.93	74.00	-19.07	41.23	3	Horizontal	319	1.53	-	39.38	9.91	35.59
AV	11.54996G	42.28	54.00	-11.72	28.56	3	Horizontal	319	1.53	-	39.40	9.91	35.59

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.34394G	37.68	54.00	-16.32	Horizontal



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	1.34405G	41.16	74.00	-32.84	-8.65	3	Vertical	266	2.21	-	49.81	25.78	2.94	37.37
AV	1.34402G	36.63	54.00	-17.37	-8.65	3	Vertical	266	2.21	"Worst"	45.28	25.78	2.94	37.37



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	1.344G	41.89	74.00	-32.11	-8.65	3	Horizontal	321	1.13	-	50.54	25.78	2.94	37.37
AV	1.34394G	37.68	54.00	-16.32	-8.65	3	Horizontal	323	1.13	"Worst"	46.33	25.78	2.94	37.37