

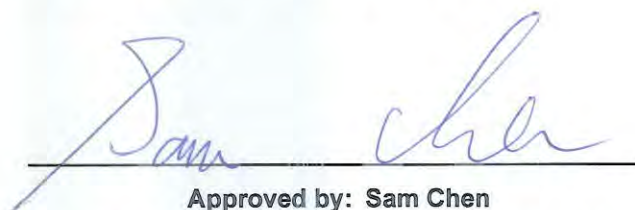


FCC RADIO TEST REPORT

FCC ID : Z8H89FT0062
Equipment : ePMP 5 GHz Force 425 SM/ePMP 5 GHz Force 400C
Brand Name : Cambium Networks
Model Name : ePMP 5 GHz Force 425 SM/ePMP 5 GHz Force 400C
Model Number : C058940P102A
C058940P122A
Applicant : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL
60008, USA
Manufacturer : Cambium Networks, Ltd.
Ashburton, TQ13 7UP, UK
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 29, 2020, and testing was started from Aug. 13, 2020 and completed on Aug. 26, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Sam Chen

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



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.2



Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Wendy Pan



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
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	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX



Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 and 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	Antenna Type	Connector	Gain (dBi)
1	1, 2	Cambium	1234A0002248A	Dish Antenna	Reversed-SMA	28
2	1, 2	Cambium	1234A0002247A	Dish Antenna	Reversed-SMA	25
3	1, 2	Cambium	APAMS-121	Dipole Antenna	Reversed-SMA	2

Note: The above information was declared by manufacturer.

The EUT has three set antennas.

Because Ant.1 & Ant.2 are the same type antennas, only the highest gain antenna "Ant.1" was tested.

The EUT has two modes, one is A0 mode can be transmitting/receiving (2TX/2RX) and the other is A1 mode can be receiving (2RX) only.

For 5GHz function:

For IEEE 802.11a/n/ac/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.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.926	0.33	1.434m	1k
802.11ax HEW20	0.887	0.52	5.448m	300
802.11ax HEW40	0.959	0.18	5.448m	300
802.11ax HEW80	0.957	0.19	5.445m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☐	Outdoor P2M	☐	Indoor P2M
	☒	Fixed P2P	☐	Client
Test Software Version	QSPR V5.0-00188			

Note: The above information was declared by manufacturer.



1.1.5 Table for Multiple Listing

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

Equipment Name / Model Name	Model Number	Description
ePMP 5 GHz Force 425 SM	C058940P102A	All the models are identical, the difference equipment and model name as marketing strategy.
ePMP 5 GHz Force 400C	C058940P122A	

Note: 1.From the above models, ePMP 5 GHz Force 425 SM was selected as representative model for the test and its data was recorded in this report.

2.The above information was declared by manufacturer.

1.1.6 Table for EUT Function

EUT	GPS Function	WIFI Function
1	V	V
2	X	V

From the above EUTs, EUT 1 was selected as representative model for the test and its data was recorded in this report.



1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Owen Hsu	25.4-26.7°C / 51-53 %	Aug. 15, 2020 ~ Aug. 18, 2020
Radiated for others test	03CH03-CB	Stim Sung	23.5-25.8°C / 53-57%	Aug. 13, 2020 ~ Aug. 21, 2020
Radiated<1GHz and Cabinet test	03CH06-CB	Stim Sung	24.1-25.8°C / 54-56%	Aug. 13, 2020 ~ Aug. 21, 2020
AC Conduction	CO01-CB	GN Hou	22~23°C / 60~62 %	Aug. 26, 2020

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.39%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Ant. 1:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	15.5
5200MHz	20
5240MHz	16.5
5745MHz	23.5
5785MHz	27.5
5825MHz	27.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	15
5200MHz	16.5
5240MHz	16
5745MHz	23
5785MHz	26
5825MHz	26
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	11
5230MHz	16.5
5755MHz	22.5
5795MHz	24
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	9
5775MHz	19.5

**For Ant. 3:**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	23
5200MHz	26
5240MHz	27.5
5720MHz Straddle 5.725-5.85GHz	
5745MHz	28
5785MHz	29
5825MHz	28.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	25.5
5240MHz	27.5
5720MHz Straddle 5.725-5.85GHz	
5745MHz	28.5
5785MHz	28.5
5825MHz	28.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	19
5230MHz	24.5
5755MHz	28
5795MHz	28
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	18
5775MHz	25

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	EUT 1 with Ant.1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT 1 with Ant.1
2	EUT 1 with Ant.3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Conducted measurement at transmit chains
1	EUT 1 with Ant.3



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
	The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions above 1GHz test: 1.For Ant.1 antenna: The worst case was found at Z axis, so the measurement will follow this same test configuration. 2.For Ant.3 antenna: The worst case was found at X axis, so the measurement will follow this same test configuration.
1	EUT 1 in Z axis with Ant.1
3	EUT 1 in X axis with Ant.3
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position: 1.For Ant.1 antenna: The worst case was found at Z axis, so the measurement will follow this same test configuration. 2.For Ant.3 antenna: The worst case was found at X axis, so the measurement will follow this same test configuration.
1	EUT 1 in Z axis with Ant.1
2	EUT 1 in X axis with Ant.3 (cabinet)

Note: The EUT was powered by PoE, and the PoE was for measurement only, would not be marked.

Equipment	Brand Name	Model Name	FCC ID
PoE	Cambium	NET-P30-56IN	N/A



2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

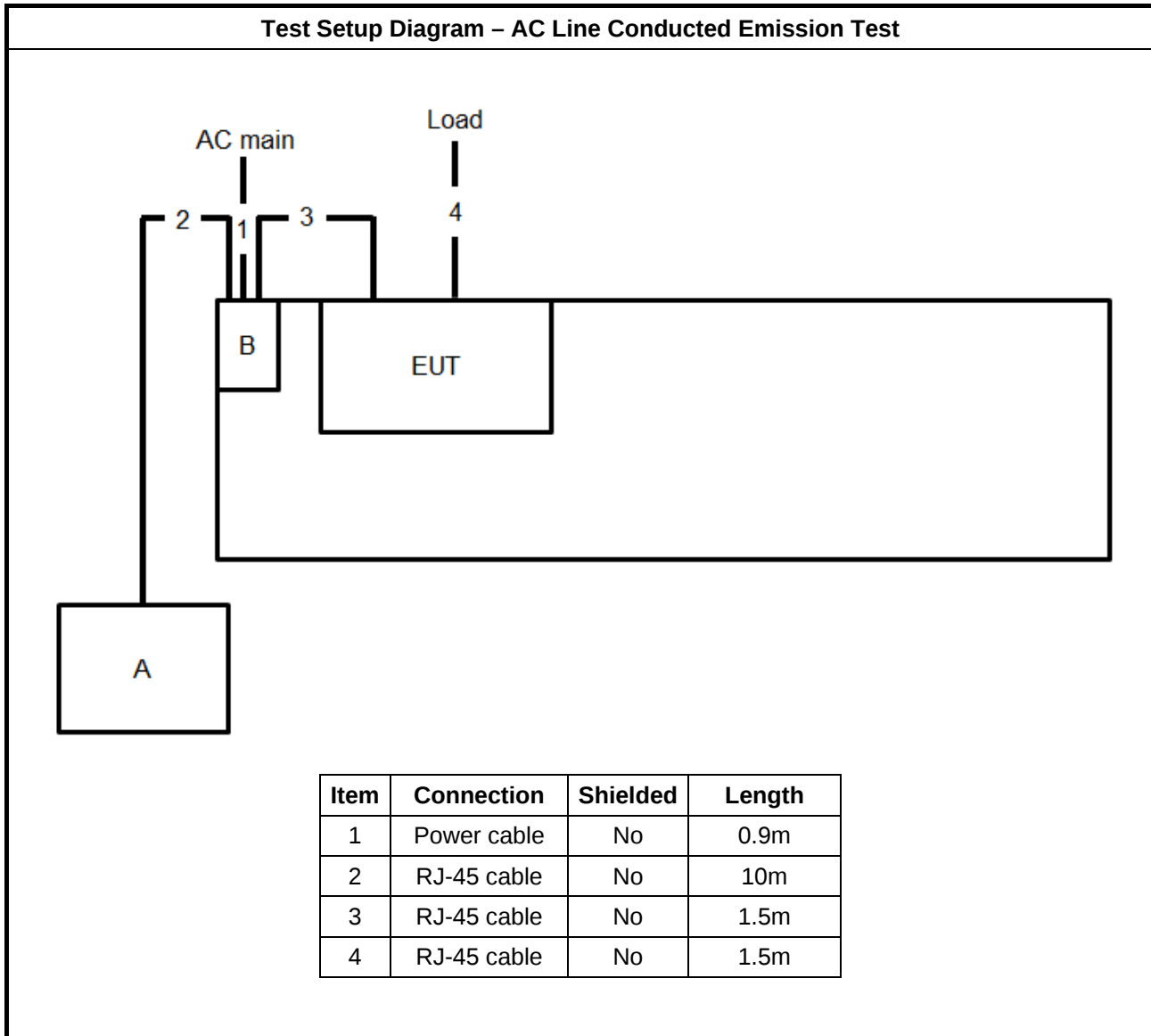
For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	DELL	N/A
B	PoE	Cambium	NET-P30-56IN	N/A

For Radiated and RF Conducted:

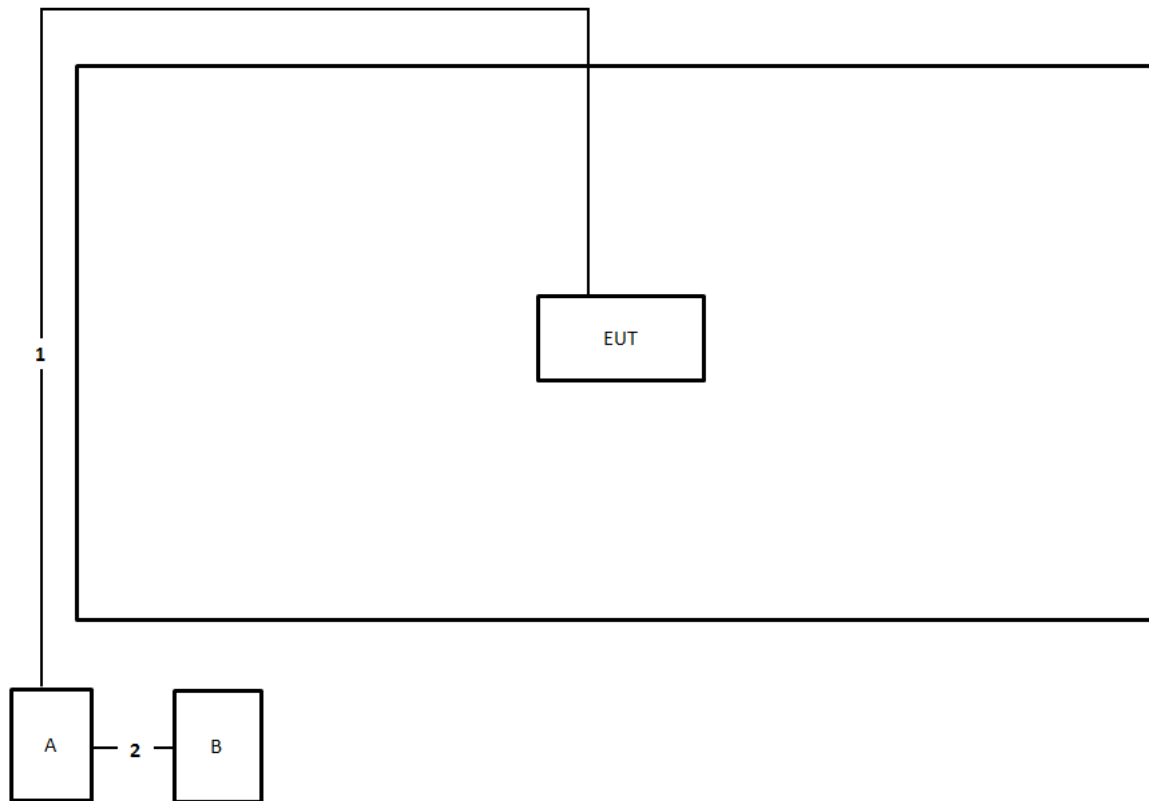
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium Networks	NET-P30-56IN	N/A
B	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram





Test Setup Diagram - Radiated Test



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

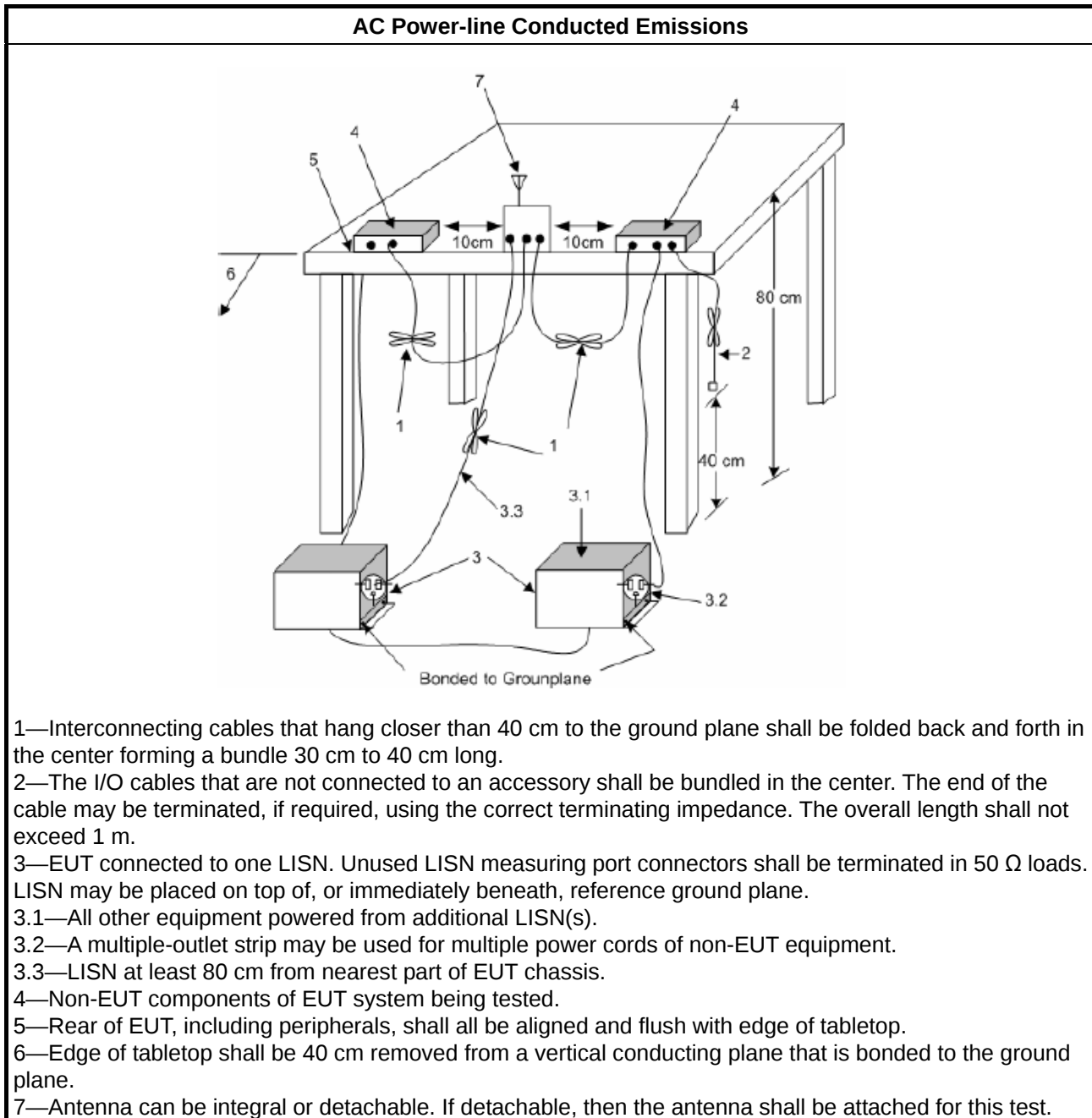
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- 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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.

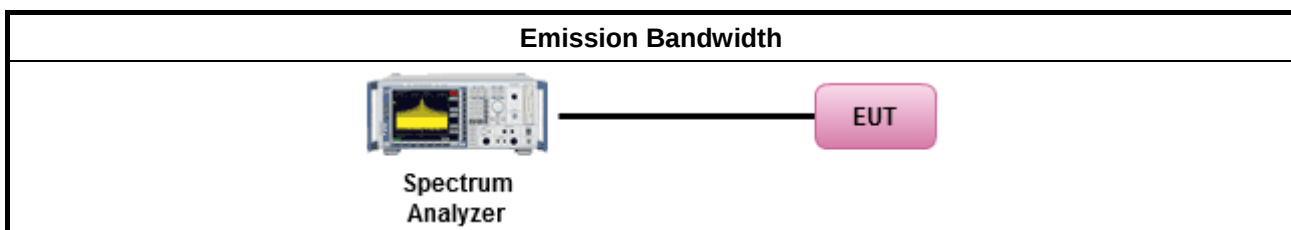
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

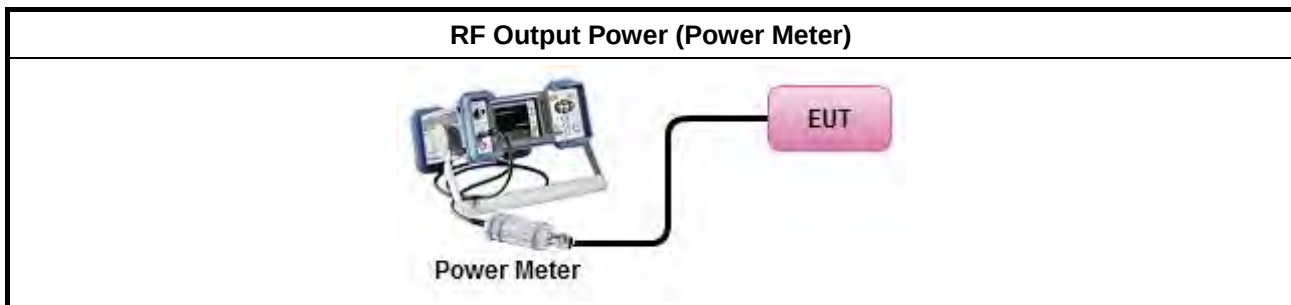
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

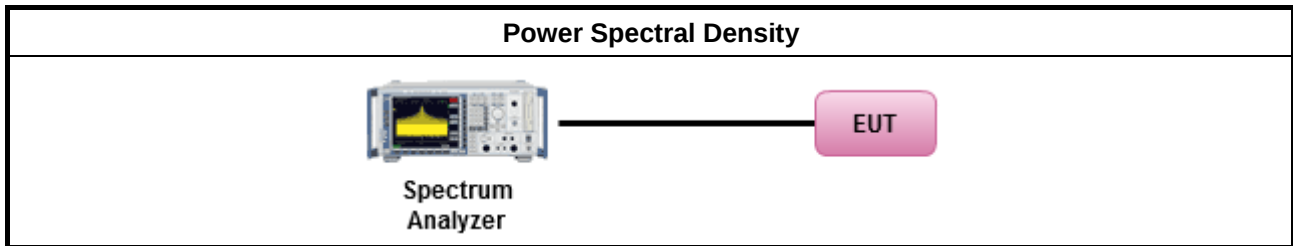
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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



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

3.5.2 Measuring Instruments

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



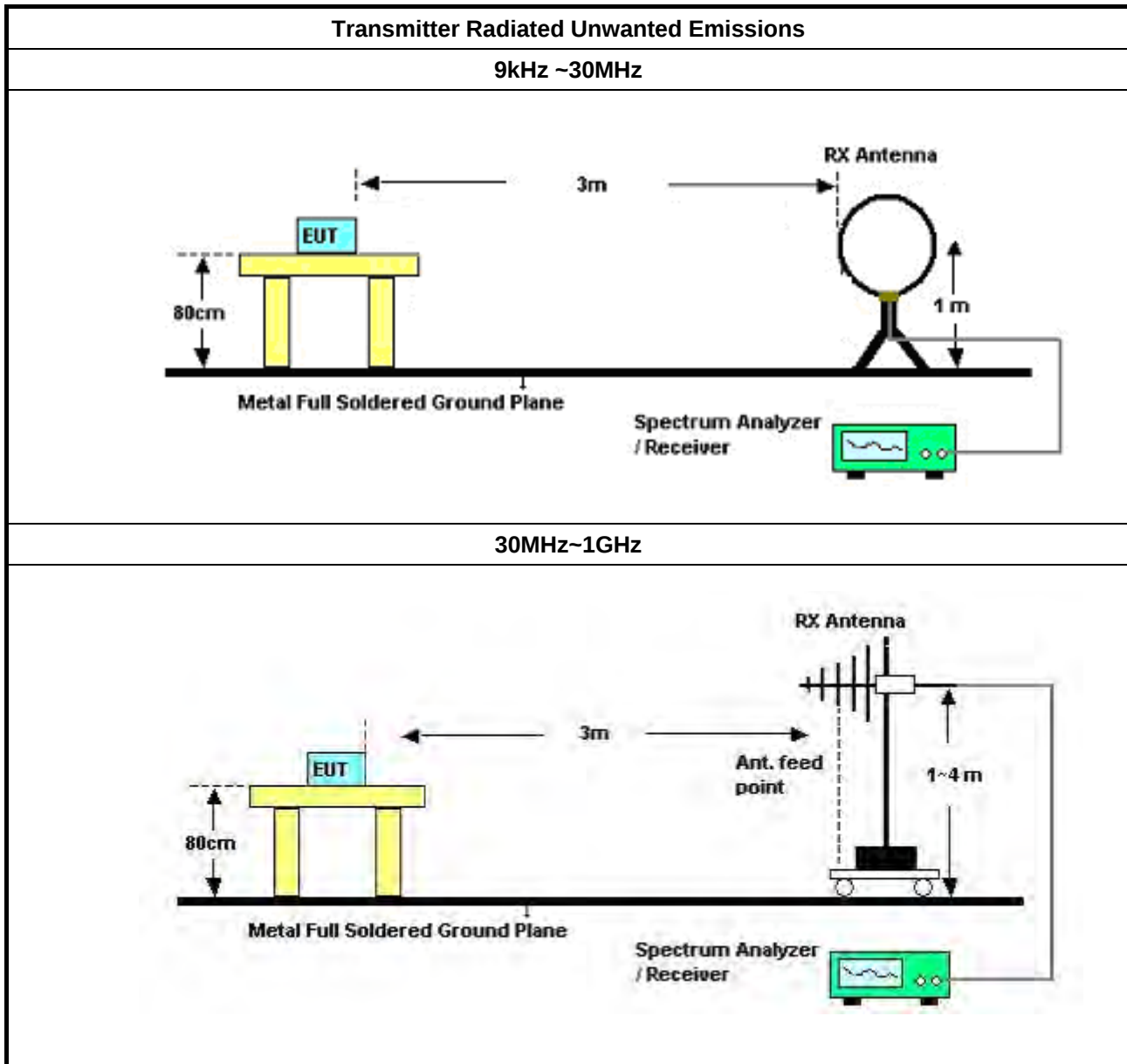
3.5.3 Test Procedures

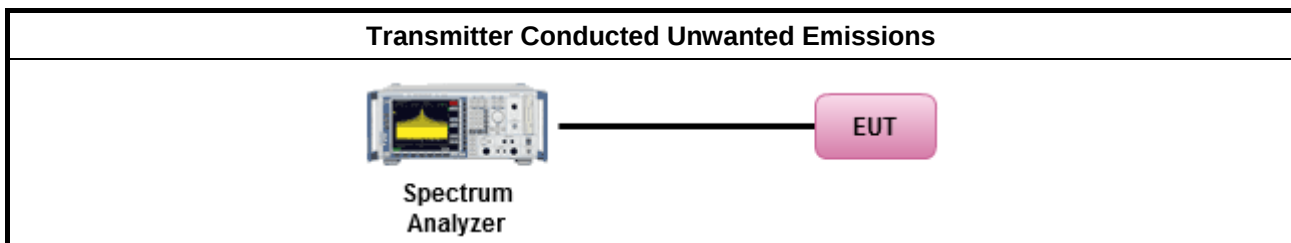
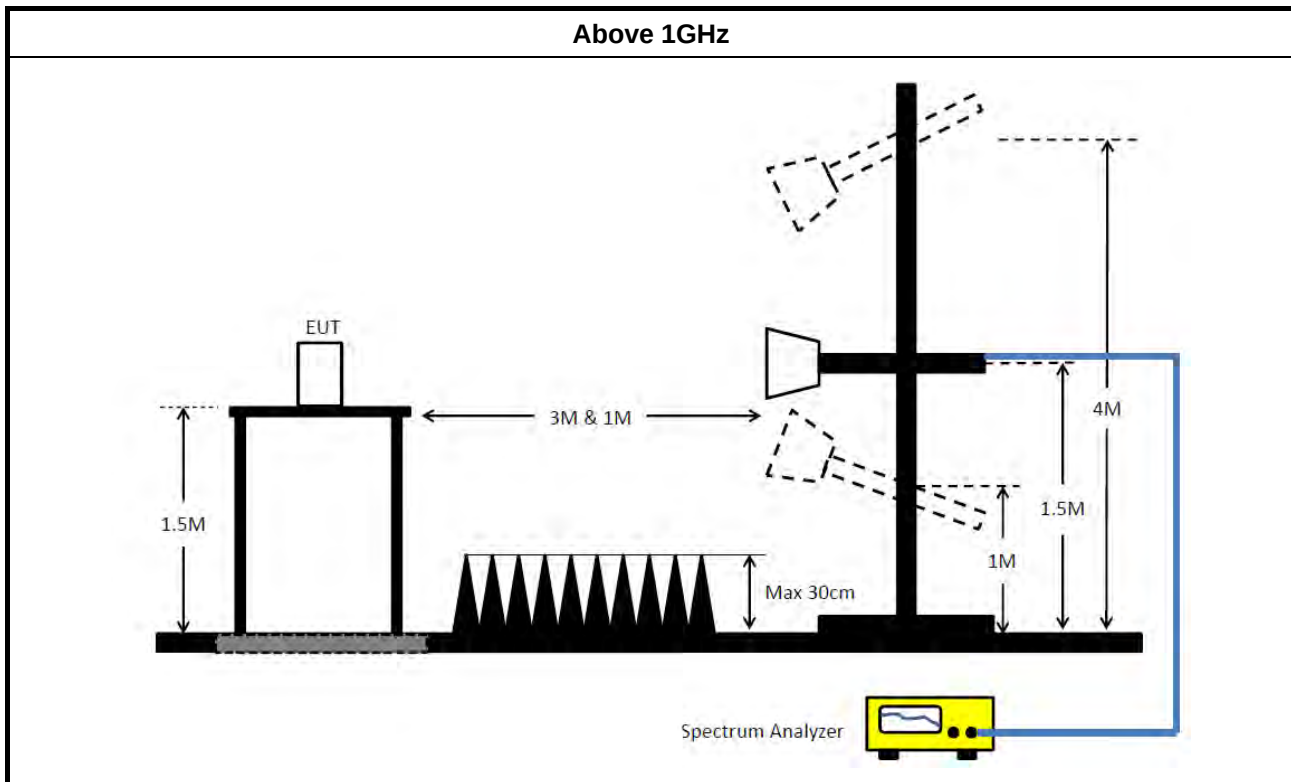
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above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



Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033, clause G)3).	
	▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10.7	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 03, 2019	Oct. 02, 2020	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Horn Antenna	COM-POWER	AH-118	071028	1GHz ~ 18GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 21, 2020	May 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	HUBER+SUHNER	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 28, 2020	May 27, 2021	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 20, 2020	Jan. 19, 2021	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
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#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz ~26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

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



Conducted Emissions at Powerline

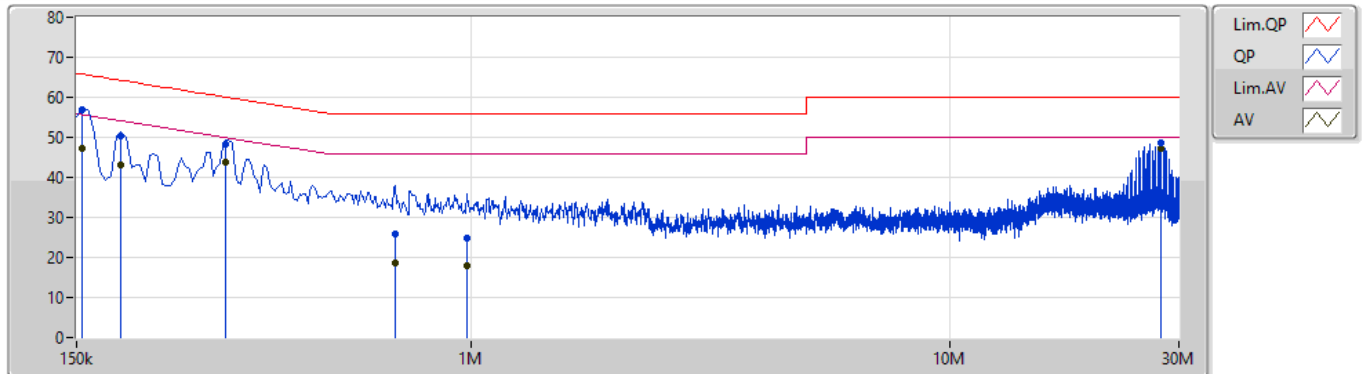
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	27.596M	47.09	50.00	-2.91	Line

Mode 1

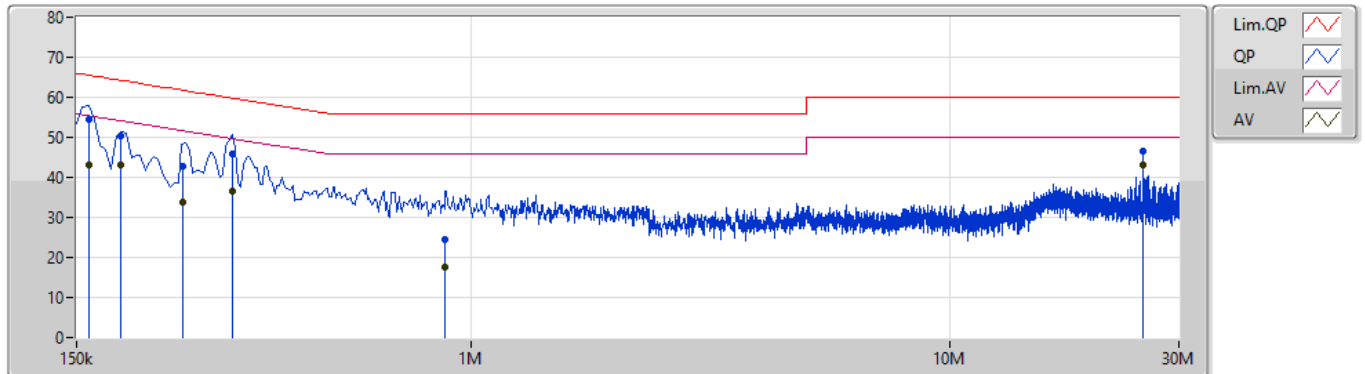
26/08/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	AF (dB)	CL (dB)	AT (dB)			
QP	154.5k	56.98	65.75	-8.77	9.87	Line	-	47.11	0.05	0.03	9.79			
AV	154.5k	47.39	55.75	-8.36	9.87	Line	-	37.52	0.05	0.03	9.79			
QP	186k	50.27	64.20	-13.93	9.86	Line	-	40.41	0.04	0.03	9.79			
AV	186k	43.06	54.20	-11.14	9.86	Line	-	33.20	0.04	0.03	9.79			
QP	307.5k	48.33	60.03	-11.70	9.87	Line	-	38.46	0.04	0.03	9.80			
AV	307.5k	43.96	50.03	-6.07	9.87	Line	-	34.09	0.04	0.03	9.80			
QP	694.5k	25.74	56.00	-30.26	9.91	Line	-	15.83	0.05	0.04	9.82			
AV	694.5k	18.51	46.00	-27.49	9.91	Line	-	8.60	0.05	0.04	9.82			
QP	978k	24.92	56.00	-31.08	9.91	Line	-	15.01	0.05	0.04	9.82			
AV	978k	17.99	46.00	-28.01	9.91	Line	-	8.08	0.05	0.04	9.82			
QP	27.596M	48.53	60.00	-11.47	10.64	Line	-	37.89	0.29	0.31	10.04			
AV	27.596M	47.09	50.00	-2.91	10.64	Line	"Worst"	36.45	0.29	0.31	10.04			

Mode 1

26/08/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	AF (dB)	CL (dB)	AT (dB)			
QP	159k	54.34	65.52	-11.18	9.86	Neutral	-	44.48	0.04	0.03	9.79			
AV	159k	42.94	55.52	-12.58	9.86	Neutral	-	33.08	0.04	0.03	9.79			
QP	186k	50.47	64.20	-13.73	9.86	Neutral	-	40.61	0.04	0.03	9.79			
AV	186k	43.12	54.20	-11.08	9.86	Neutral	-	33.26	0.04	0.03	9.79			
QP	250.6k	42.92	61.74	-18.82	9.87	Neutral	-	33.05	0.04	0.03	9.80			
AV	250.6k	33.90	51.74	-17.84	9.87	Neutral	-	24.03	0.04	0.03	9.80			
QP	316.5k	45.76	59.80	-14.04	9.87	Neutral	-	35.89	0.04	0.03	9.80			
AV	316.5k	36.44	49.80	-13.36	9.87	Neutral	-	26.57	0.04	0.03	9.80			
QP	883.5k	24.57	56.00	-31.43	9.92	Neutral	-	14.65	0.06	0.04	9.82			
AV	883.5k	17.50	46.00	-28.50	9.92	Neutral	-	7.58	0.06	0.04	9.82			
QP	25.193M	46.39	60.00	-13.61	10.63	Neutral	-	35.76	0.28	0.33	10.02			
AV	25.193M	43.19	50.00	-6.81	10.63	Neutral	"Worst"	32.56	0.28	0.33	10.02			

**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)_2TX	19.32M	16.402M	16M4D1D	19.02M	16.342M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.27M	18.921M	18M9D1D	20.79M	18.861M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.16M	37.781M	37M8D1D	40.8M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.32M	77.121M	77M1D1D	82.08M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	16.822M	16M8D1D	15.51M	16.342M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.93M	18.921M	18M9D1D	17.7M	18.861M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.16M	37.781M	37M8D1D	37.74M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	78M	77.361M	77M4D1D	77.28M	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

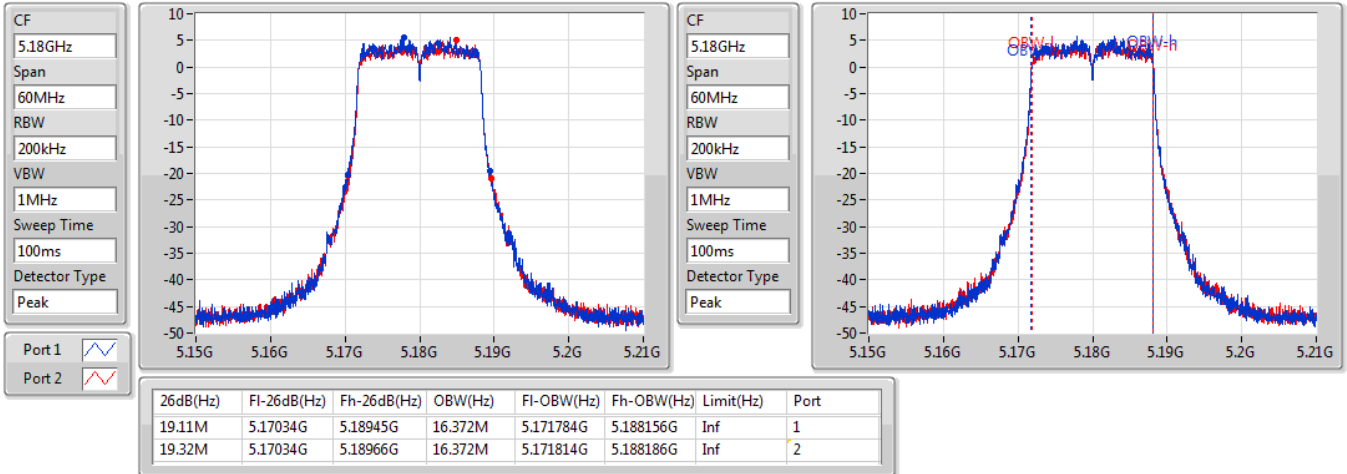
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.11M	16.372M	19.32M	16.372M
5200MHz	Pass	Inf	19.23M	16.372M	19.29M	16.372M
5240MHz	Pass	Inf	19.29M	16.402M	19.02M	16.342M
5745MHz	Pass	500k	16.32M	16.342M	16.29M	16.342M
5785MHz	Pass	500k	16.29M	16.732M	16.05M	16.522M
5825MHz	Pass	500k	15.51M	16.822M	16.29M	16.522M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.91M	18.891M	20.91M	18.891M
5200MHz	Pass	Inf	20.79M	18.861M	20.97M	18.891M
5240MHz	Pass	Inf	21.06M	18.921M	21.27M	18.891M
5745MHz	Pass	500k	18.93M	18.921M	18.51M	18.861M
5785MHz	Pass	500k	18.78M	18.921M	18.72M	18.921M
5825MHz	Pass	500k	17.7M	18.921M	18.81M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	37.721M	40.8M	37.781M
5230MHz	Pass	Inf	41.04M	37.721M	41.16M	37.721M
5755MHz	Pass	500k	37.74M	37.781M	37.8M	37.781M
5795MHz	Pass	500k	37.98M	37.721M	38.16M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.32M	77.121M	82.08M	77.001M
5775MHz	Pass	500k	78M	77.361M	77.28M	77.121M

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

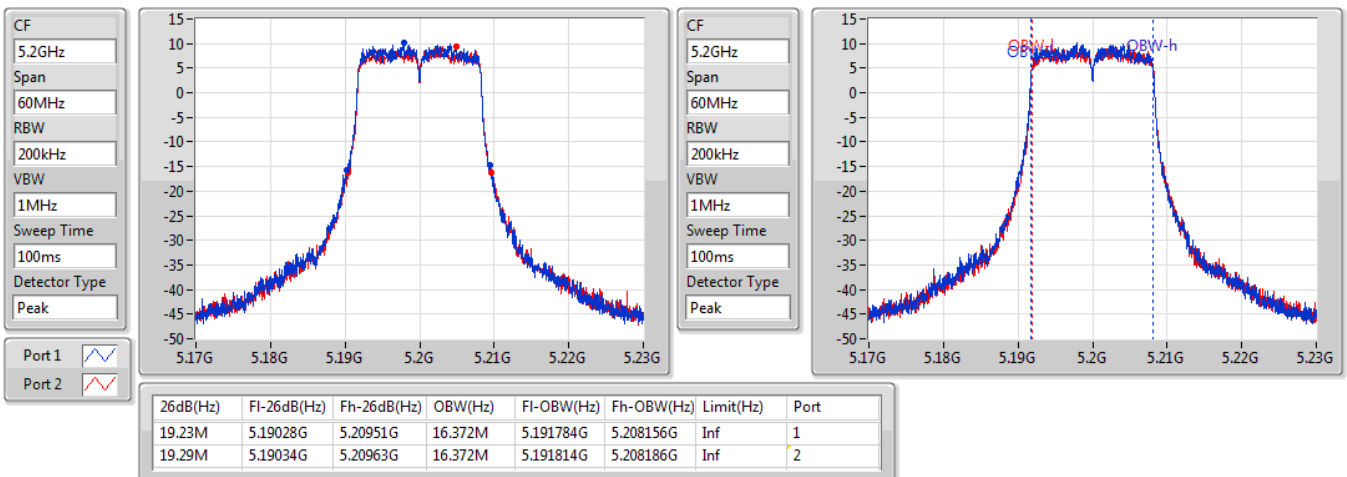
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

14/08/2020

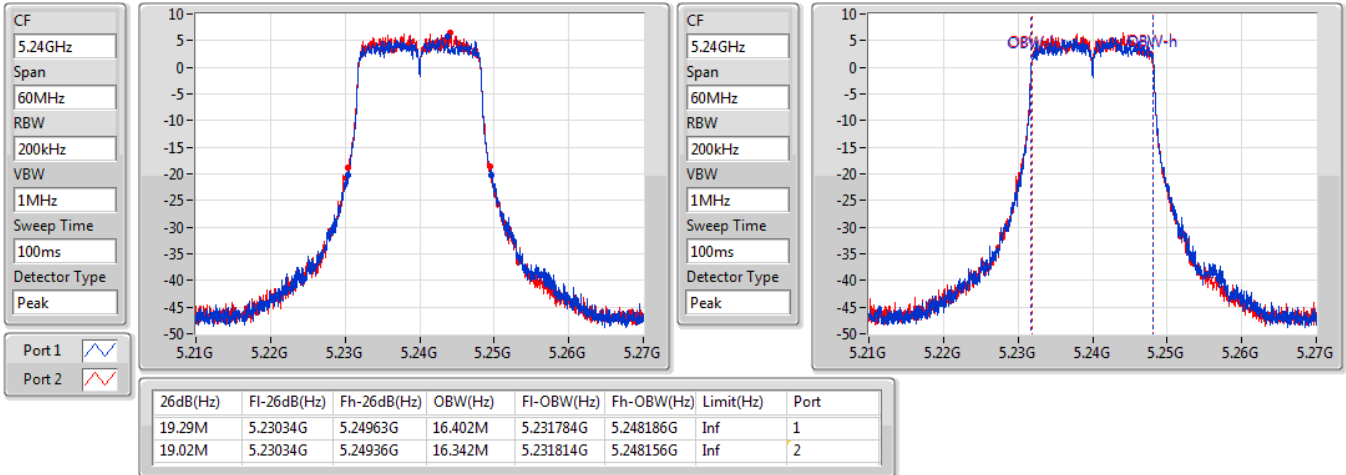

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

14/08/2020

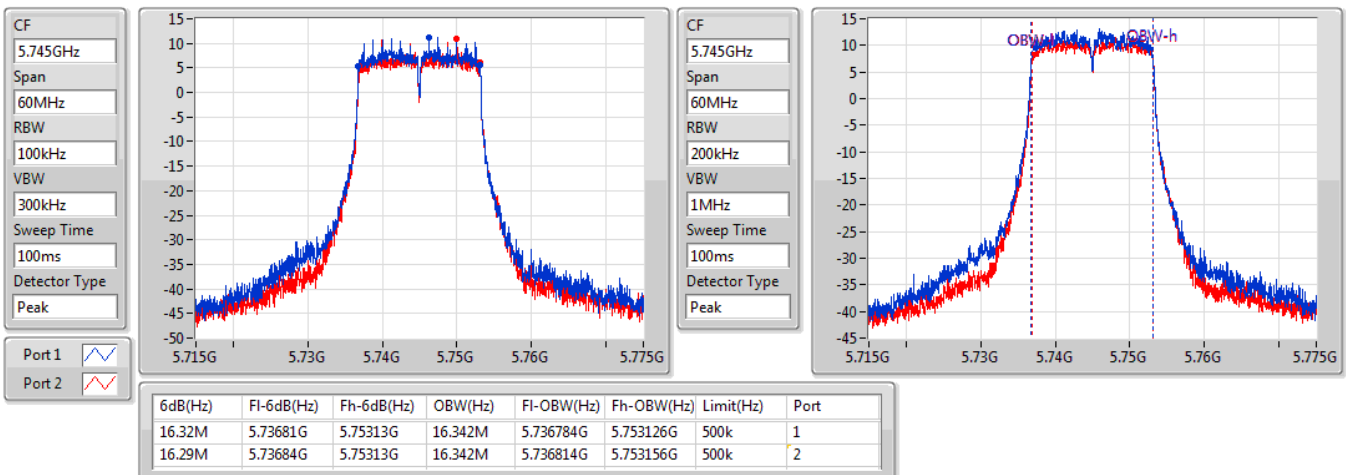


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

17/08/2020

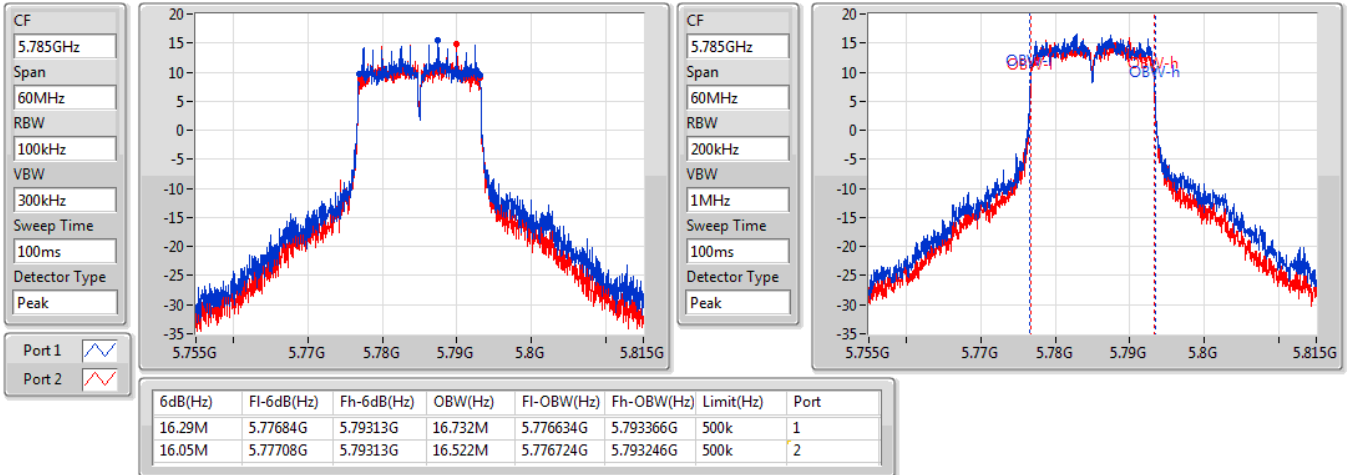

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

14/08/2020

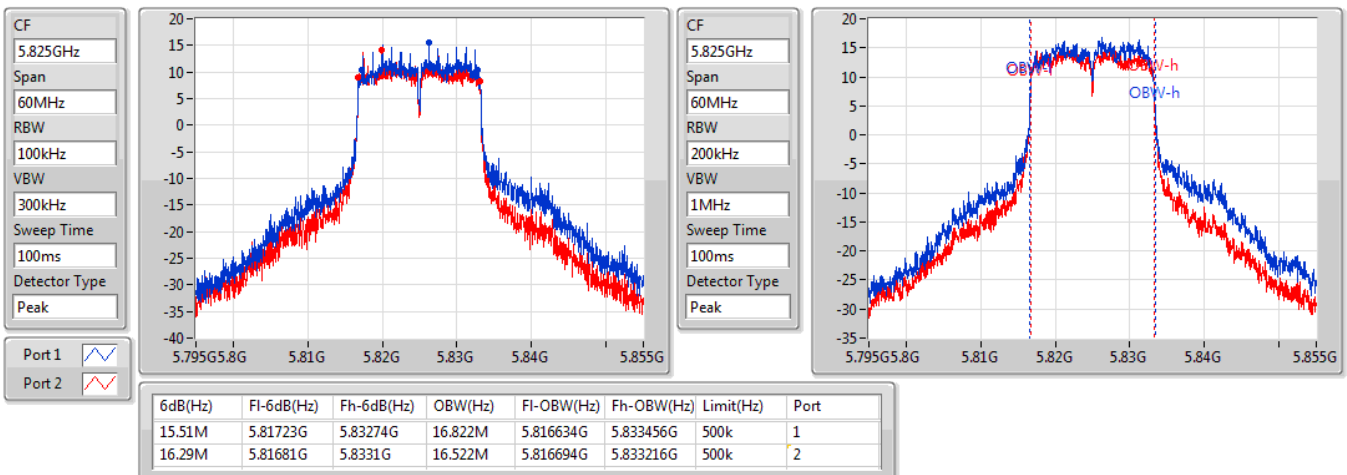


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

14/08/2020

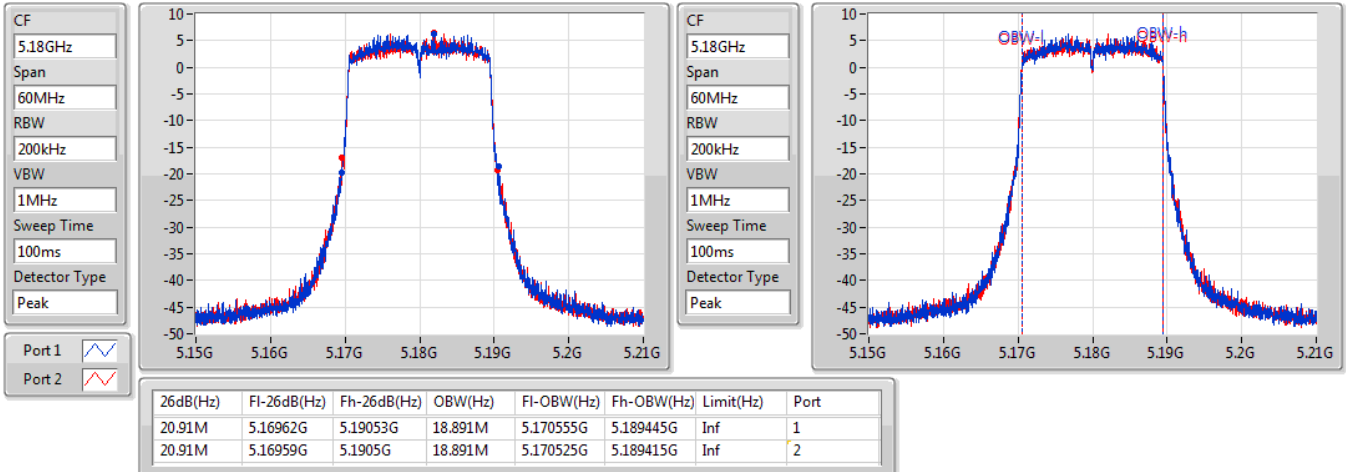

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

14/08/2020

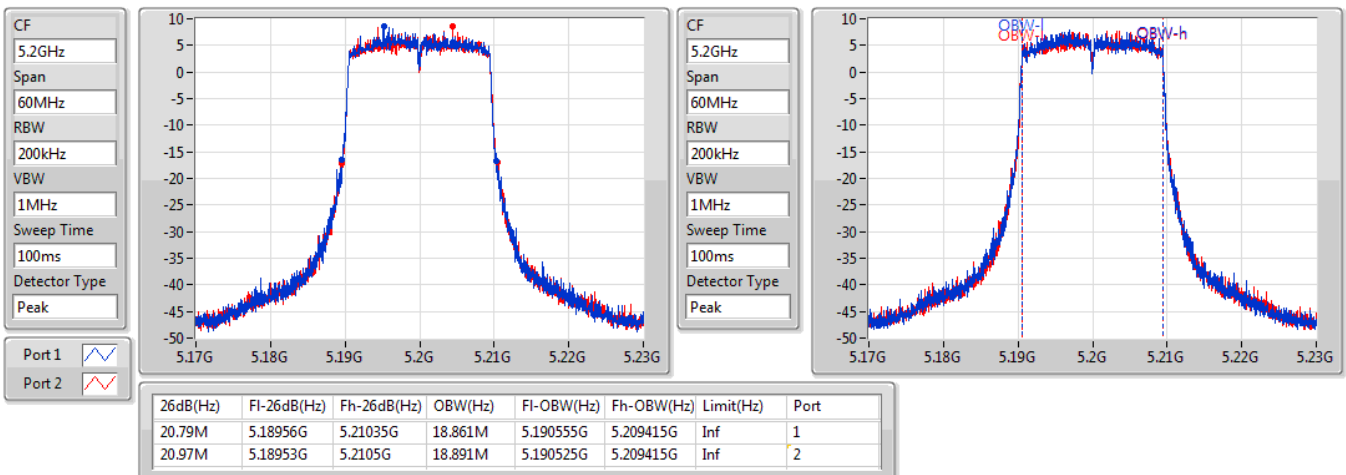


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5180MHz

14/08/2020

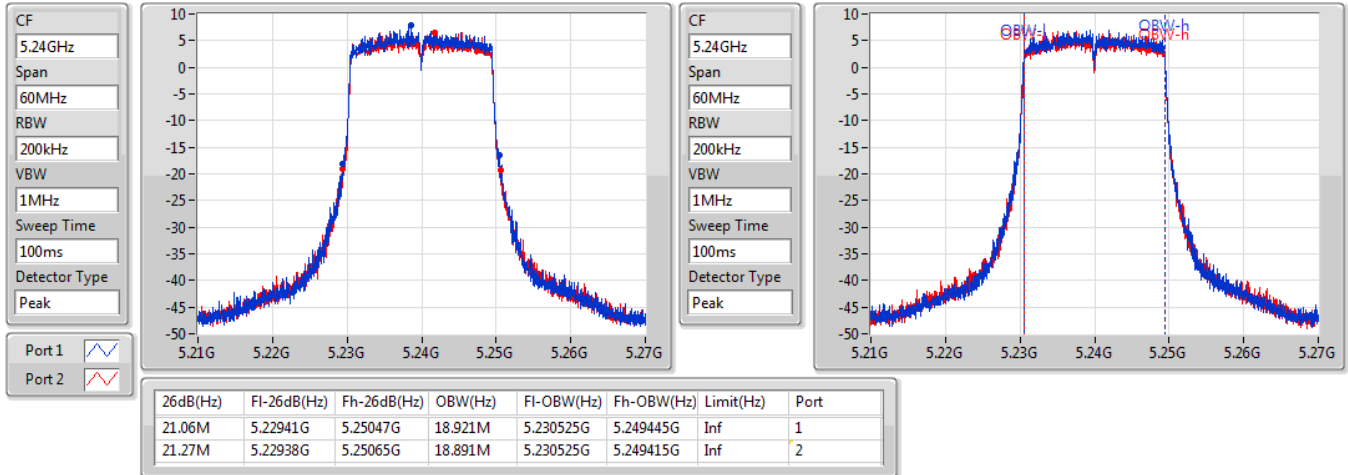

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5200MHz

14/08/2020

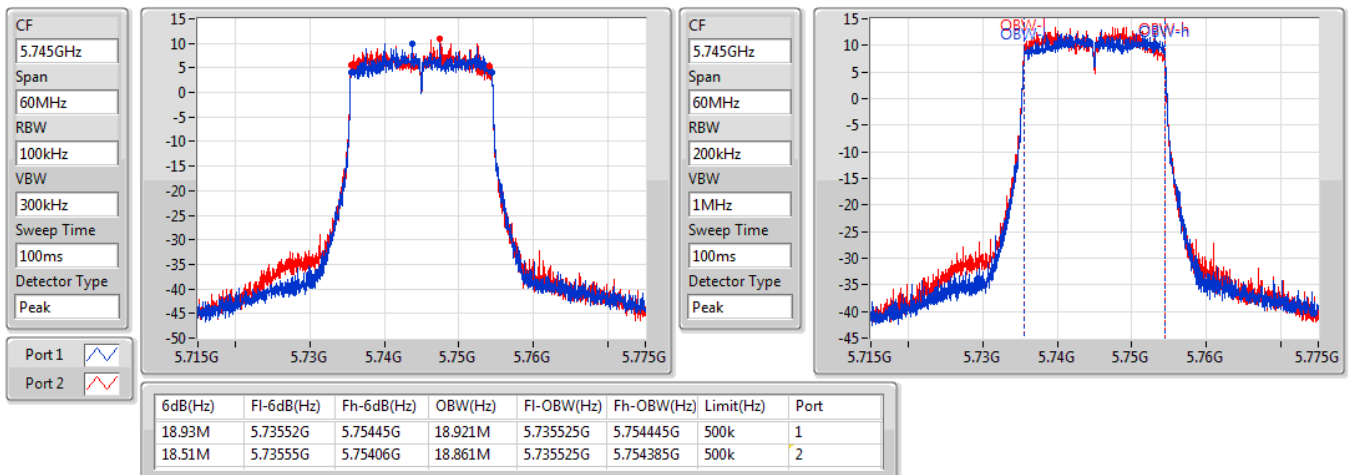


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

14/08/2020


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

17/08/2020

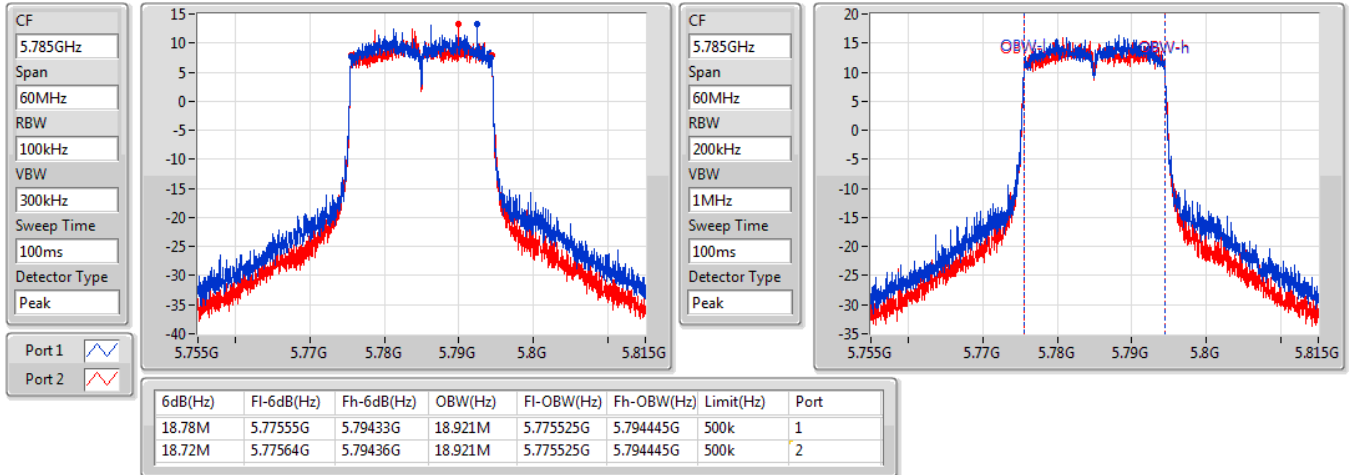


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

14/08/2020

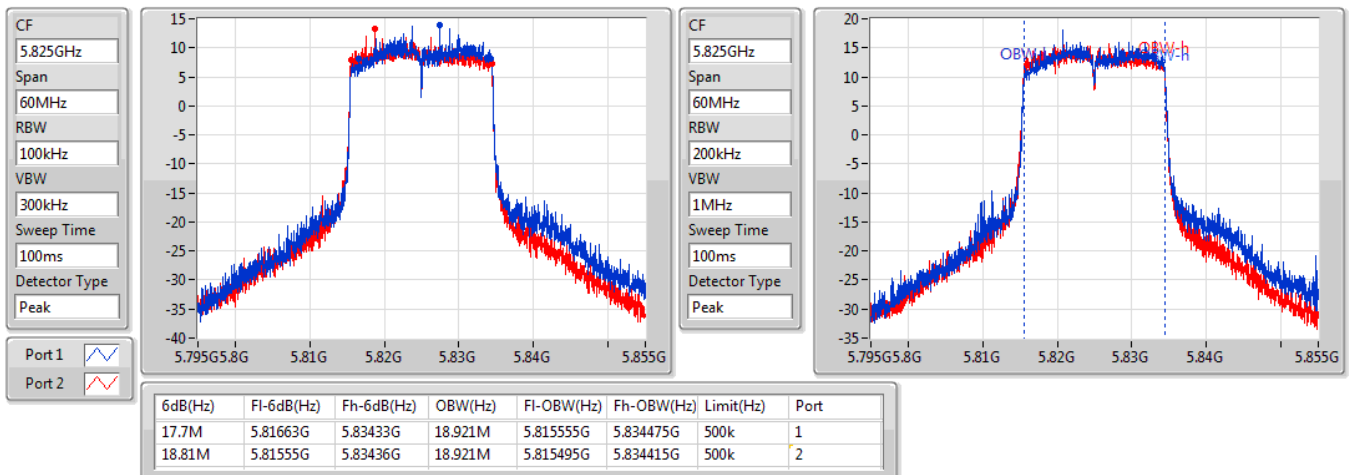


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

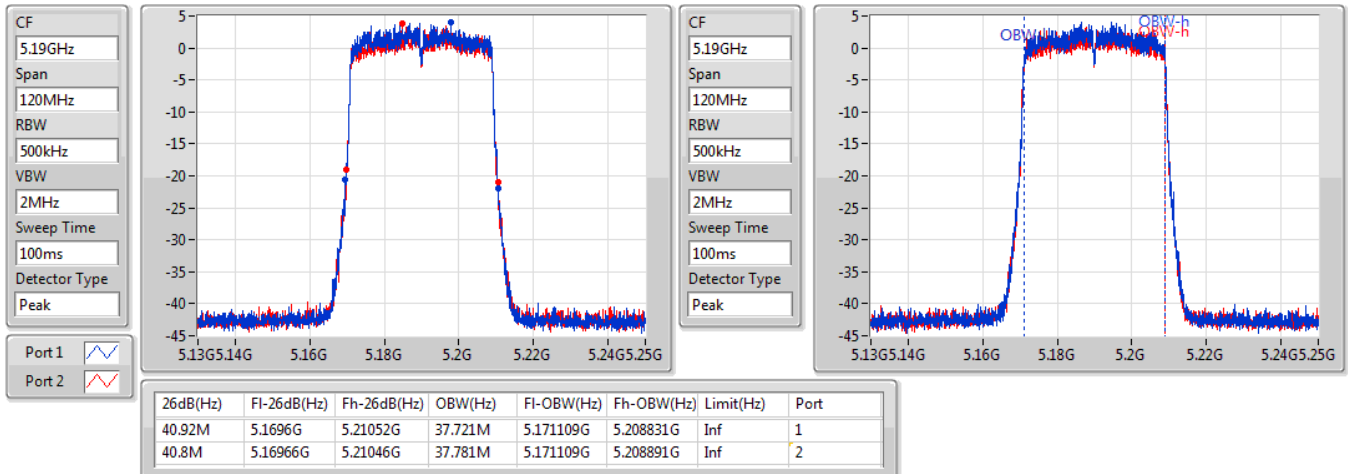
5825MHz

14/08/2020

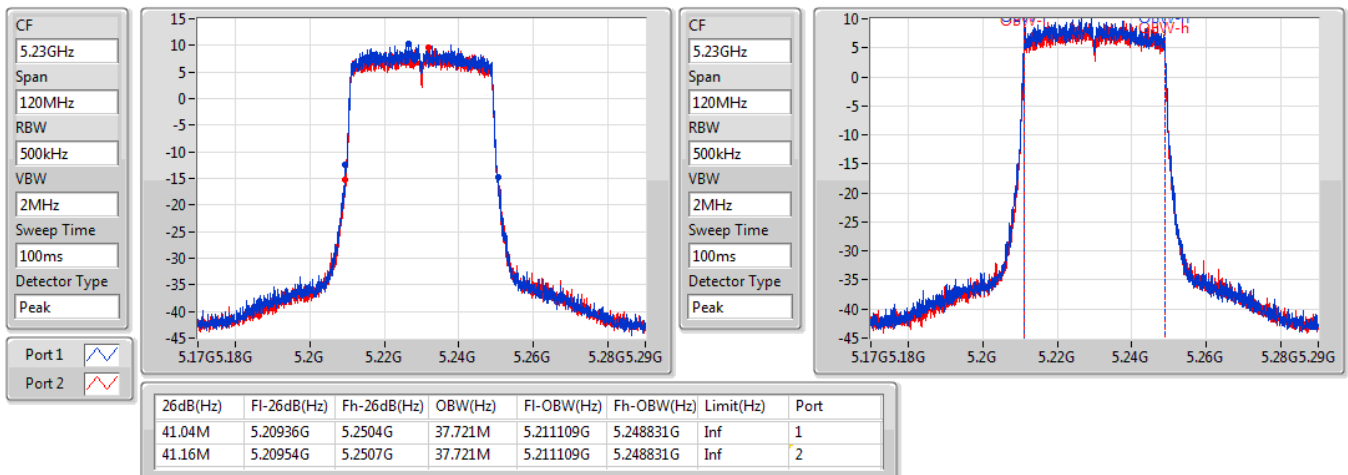


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5190MHz

14/08/2020

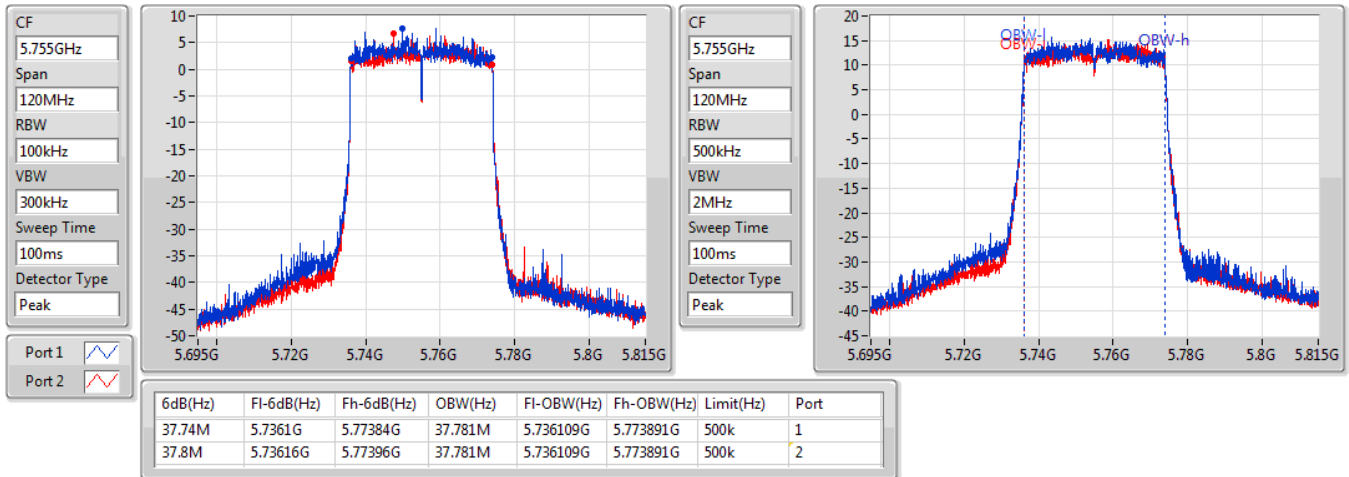

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5230MHz

14/08/2020

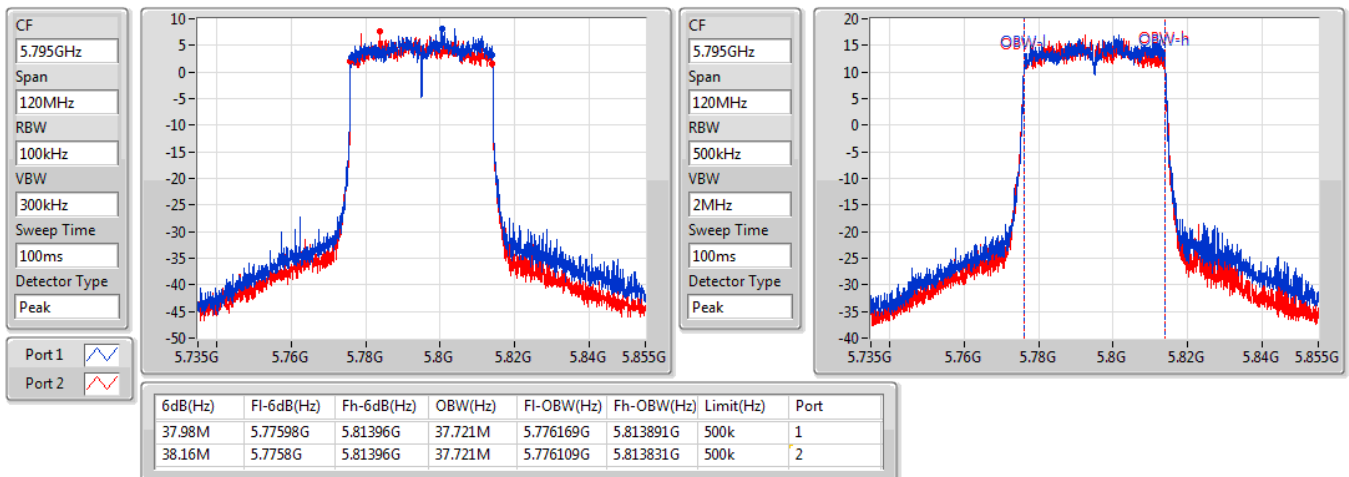


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5755MHz

14/08/2020

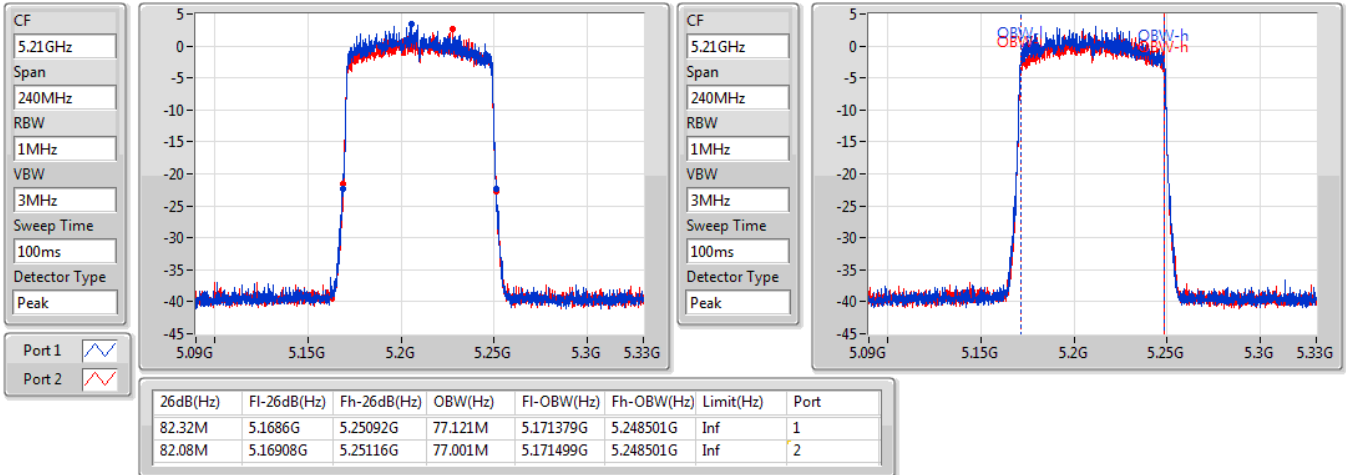

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5795MHz

14/08/2020

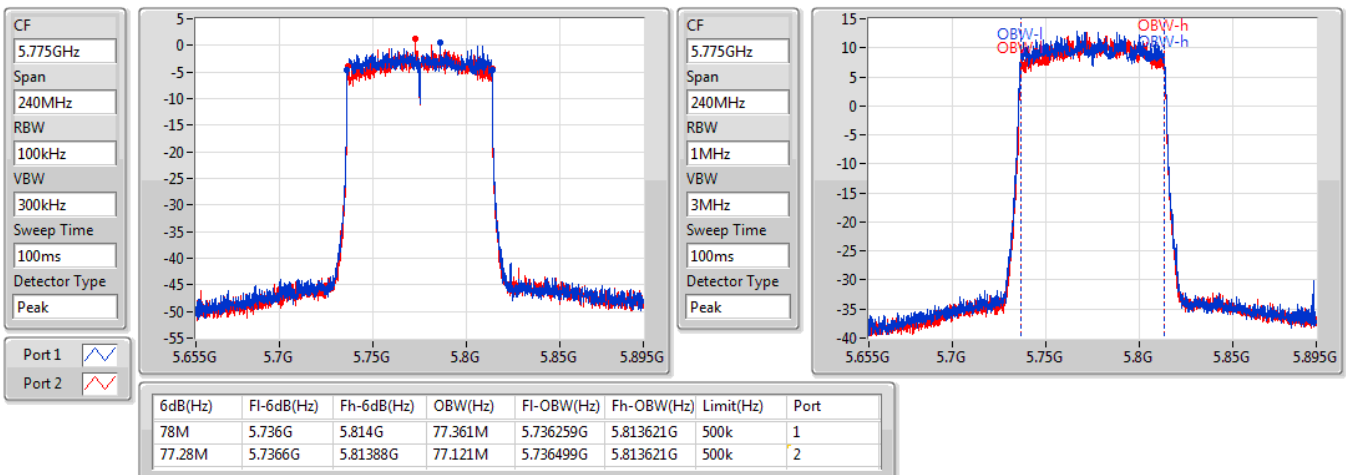


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

14/08/2020


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

14/08/2020



**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)_2TX	36.24M	20.42M	20M4D1D	19.29M	16.372M
802.11ax HEW20_Nss1,(MCS0)_2TX	44.22M	19.67M	19M7D1D	20.82M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	44.16M	37.841M	37M8D1D	40.86M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.68M	77.001M	77M0D1D	81.6M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	19.43M	19M4D1D	15.54M	16.582M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.84M	19.7M	19M7D1D	18.24M	19.13M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.98M	38.861M	38M9D1D	37.2M	38.141M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.52M	77.361M	77M4D1D	74.04M	77.001M

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

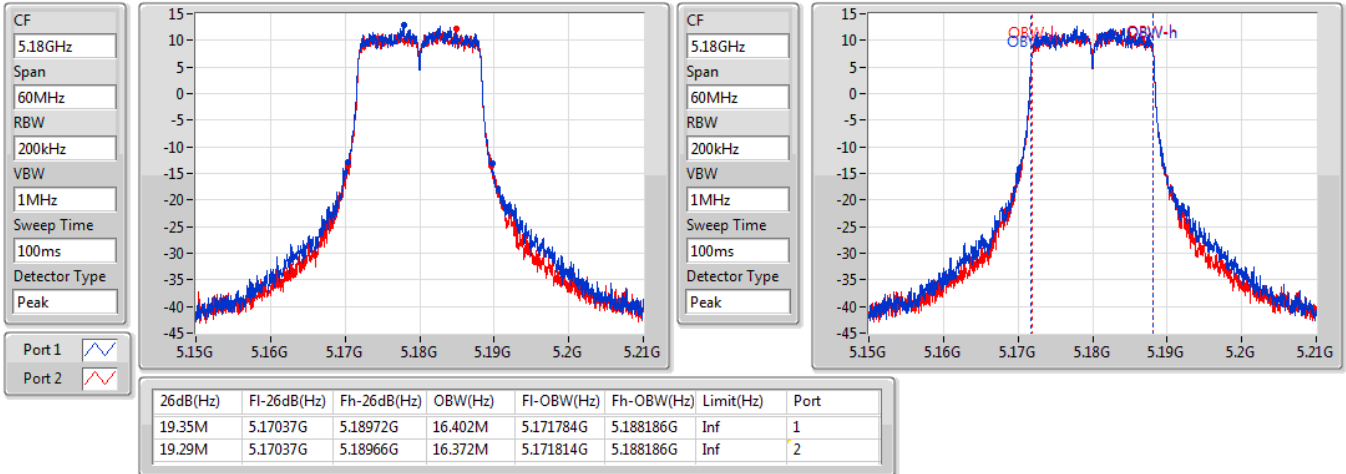
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.35M	16.402M	19.29M	16.372M
5200MHz	Pass	Inf	24.24M	16.612M	23.49M	16.552M
5240MHz	Pass	Inf	36.12M	20.42M	36.24M	18.951M
5745MHz	Pass	500k	16.29M	16.792M	16.32M	16.582M
5785MHz	Pass	500k	16.02M	19.16M	15.87M	17.001M
5825MHz	Pass	500k	15.54M	19.43M	16.05M	16.702M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.82M	18.921M	21.27M	18.891M
5200MHz	Pass	Inf	25.83M	18.981M	23.58M	18.981M
5240MHz	Pass	Inf	44.22M	19.67M	39.51M	19.37M
5745MHz	Pass	500k	18.75M	19.19M	18.81M	19.16M
5785MHz	Pass	500k	18.66M	19.13M	18.84M	19.22M
5825MHz	Pass	500k	18.24M	19.7M	18.78M	19.16M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.04M	37.721M	40.86M	37.781M
5230MHz	Pass	Inf	42.12M	37.841M	44.16M	37.841M
5755MHz	Pass	500k	37.2M	38.141M	37.98M	38.261M
5795MHz	Pass	500k	37.74M	38.861M	37.98M	38.141M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.68M	77.001M	81.6M	77.001M
5775MHz	Pass	500k	77.52M	77.361M	74.04M	77.001M

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

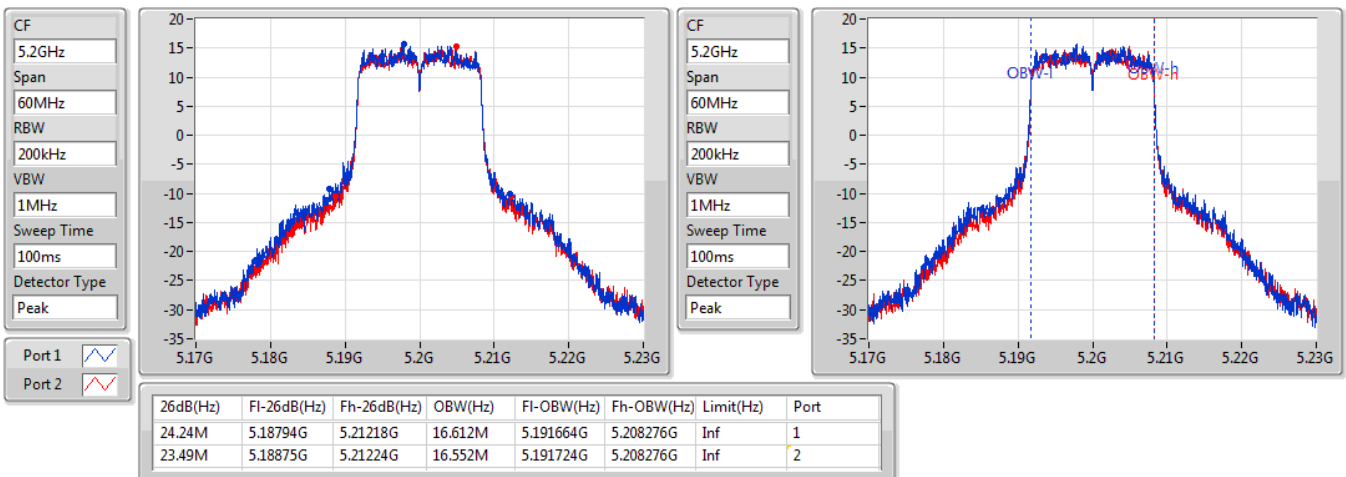
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

15/08/2020

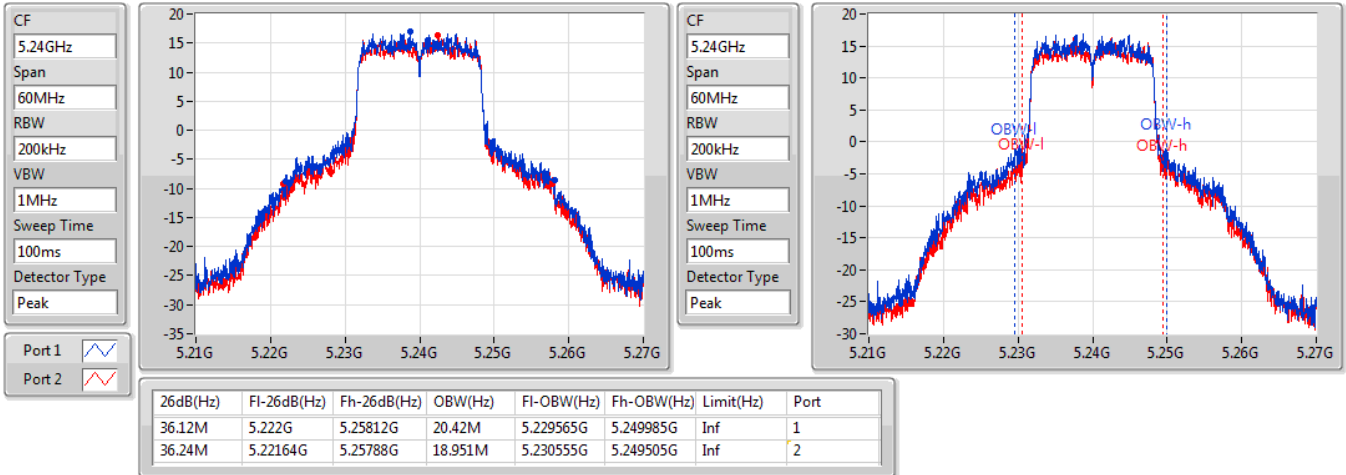

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

15/08/2020

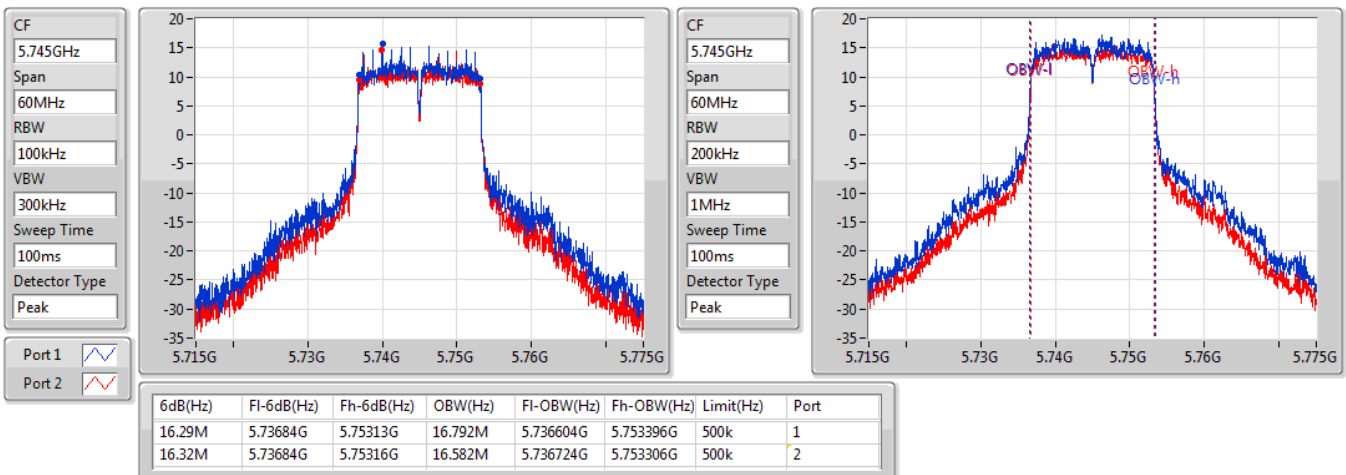


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

15/08/2020

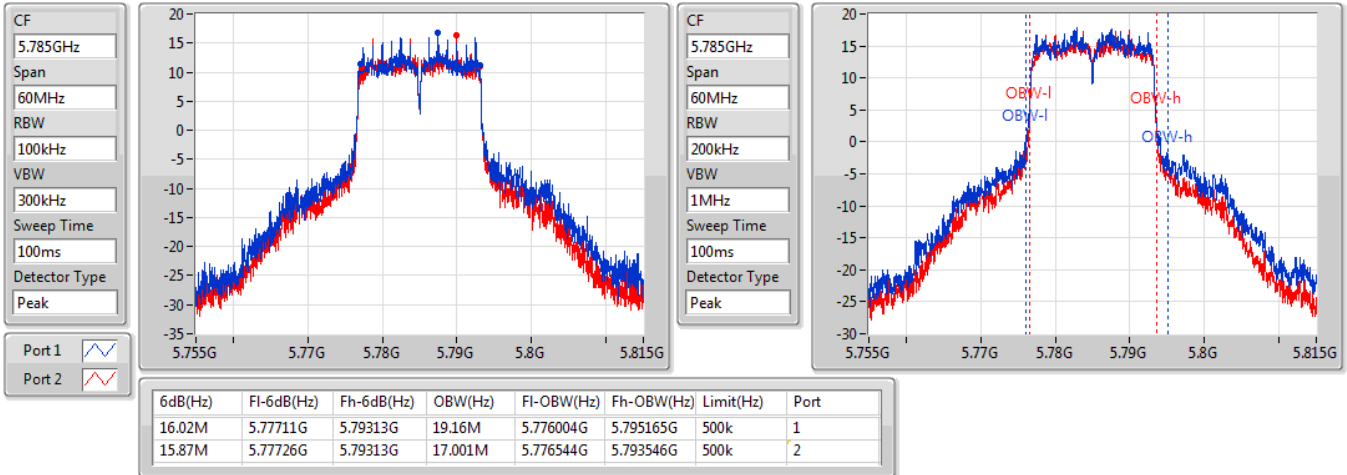

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

15/08/2020

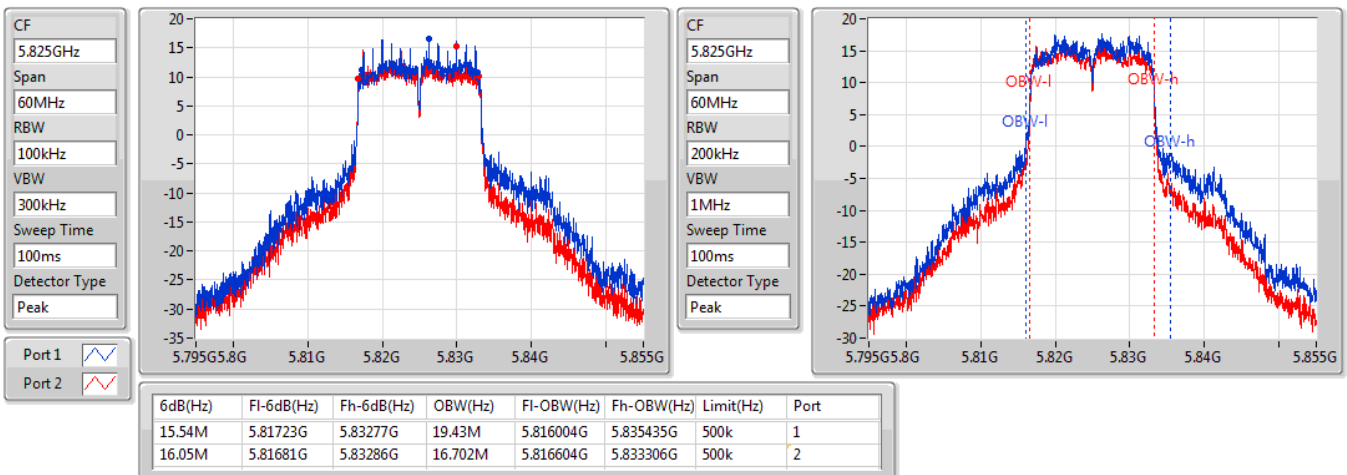


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

15/08/2020

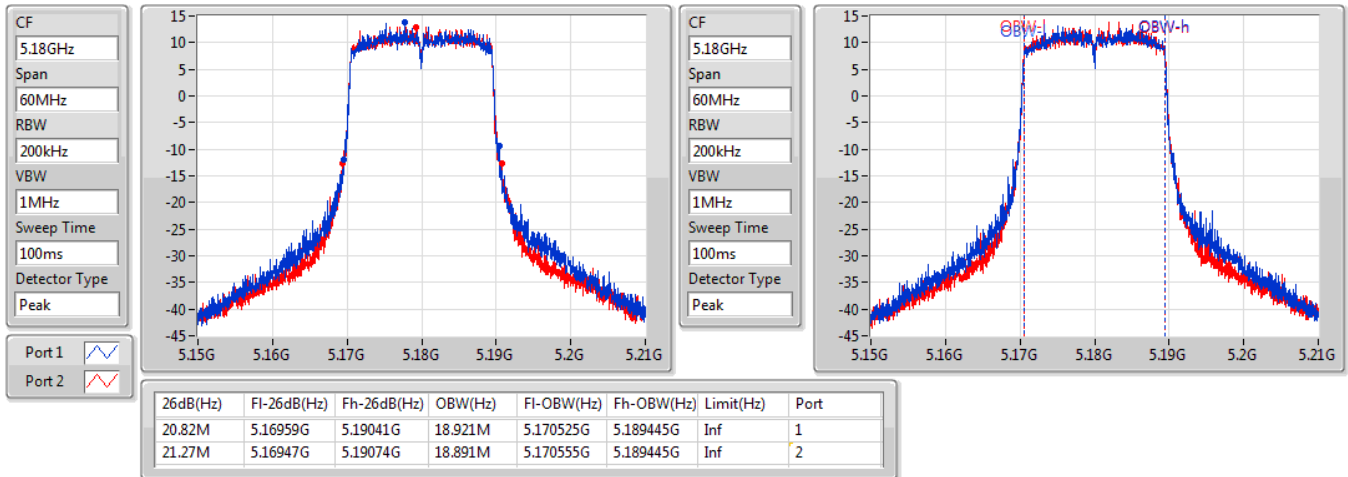

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

15/08/2020

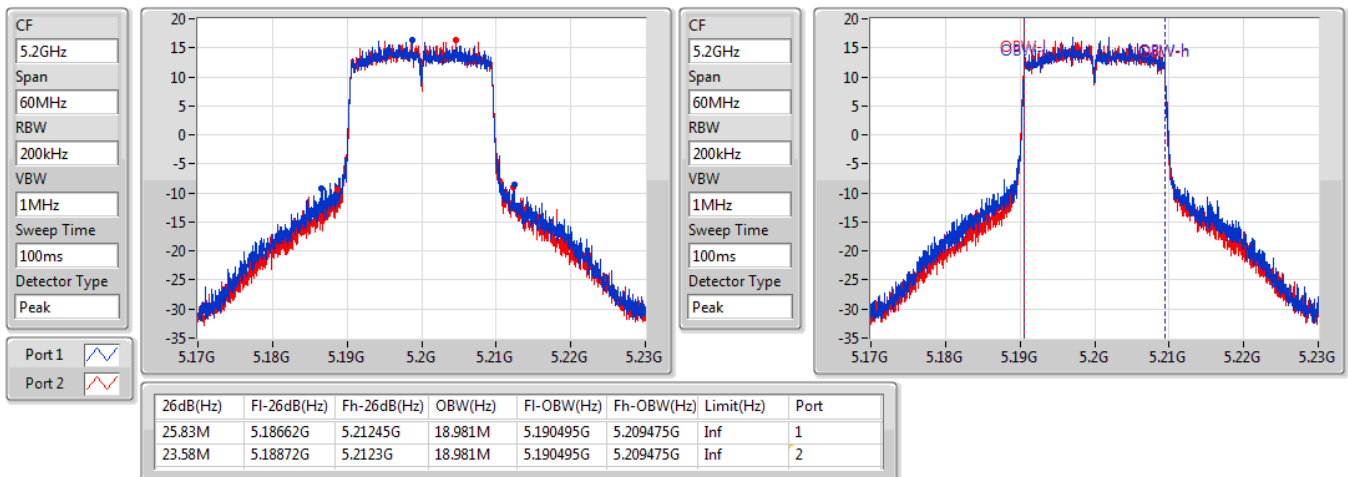


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5180MHz

15/08/2020

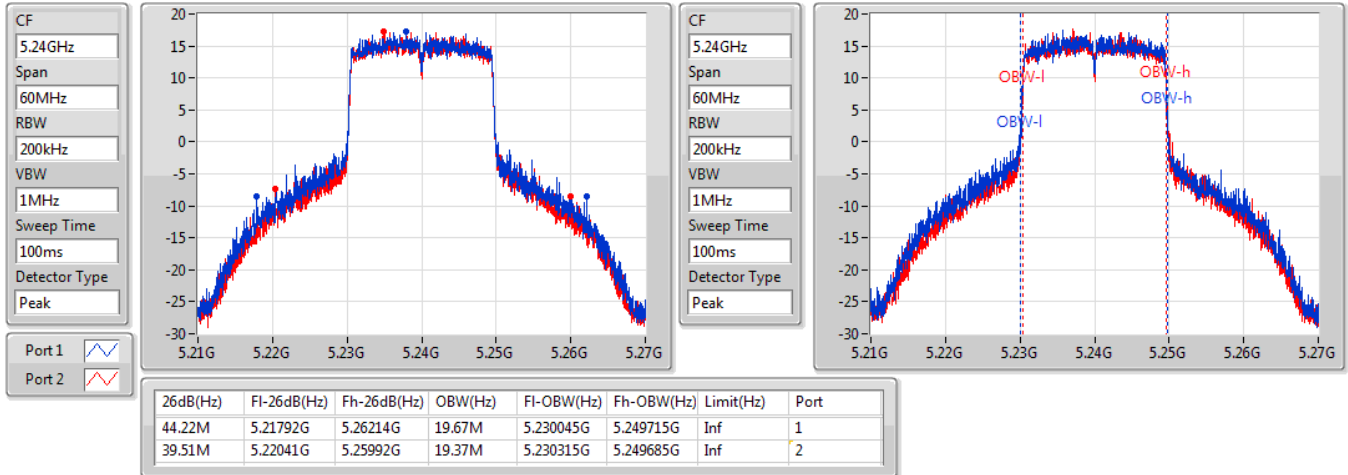

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5200MHz

15/08/2020

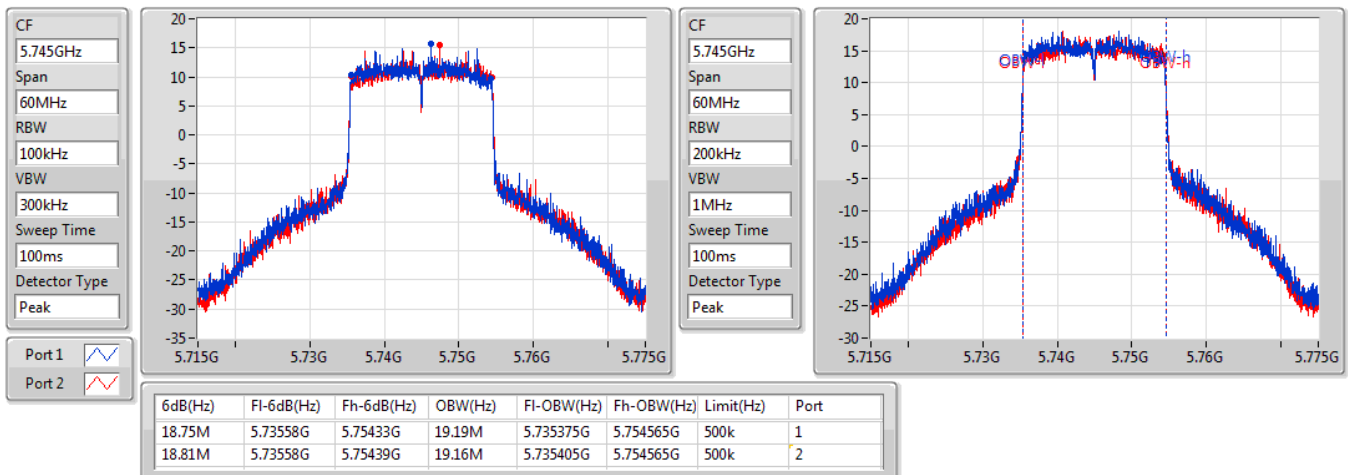


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

15/08/2020

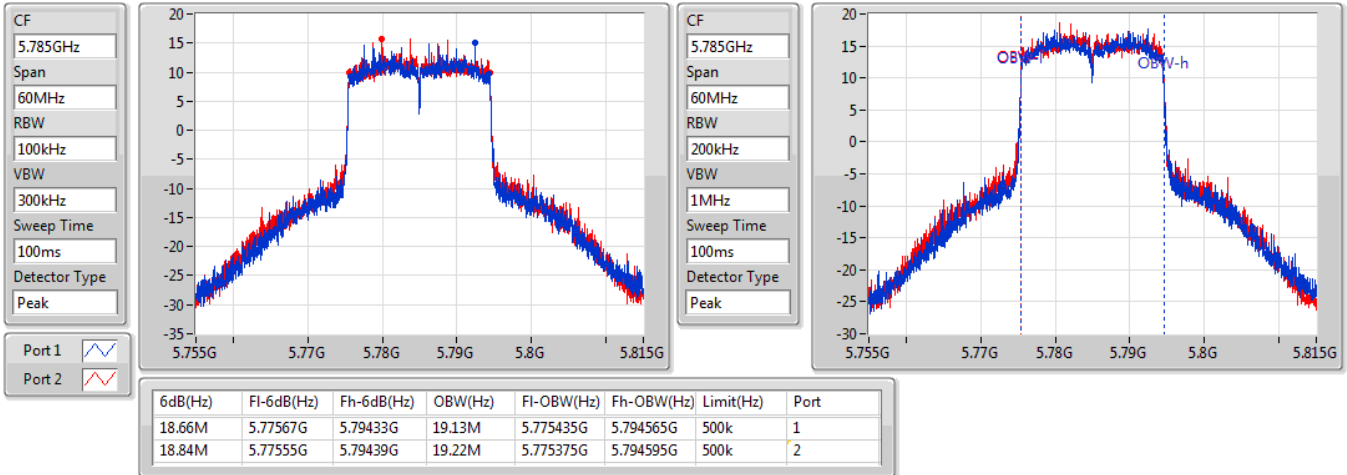

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

15/08/2020

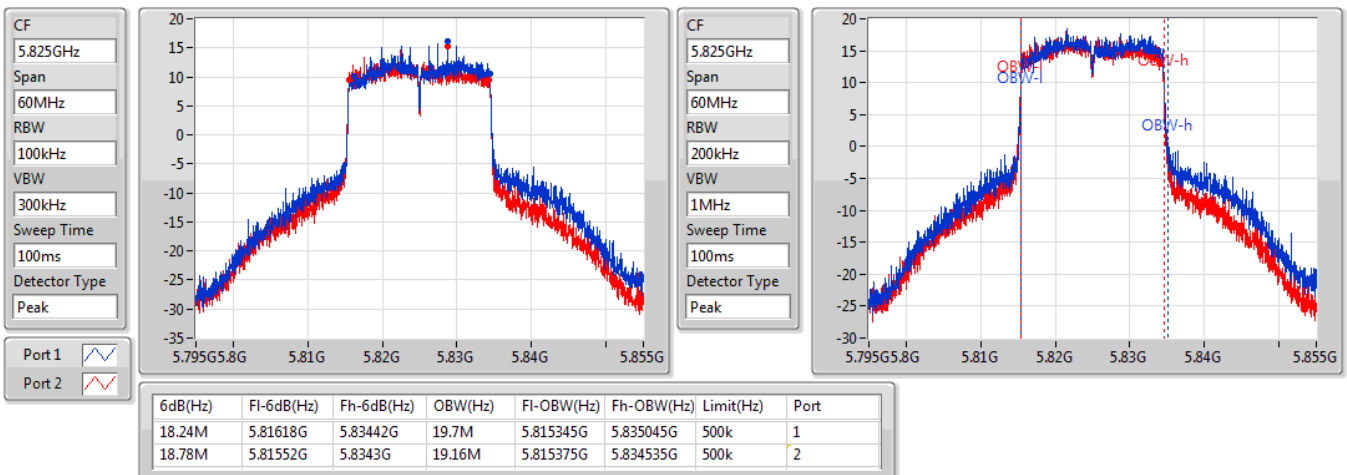


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5785MHz

15/08/2020

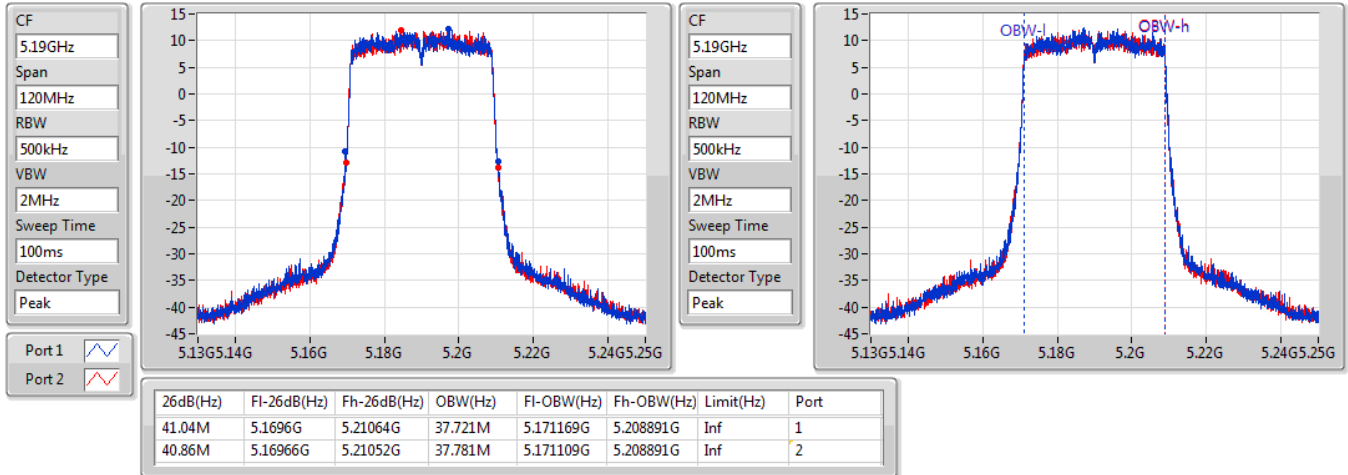

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5825MHz

15/08/2020

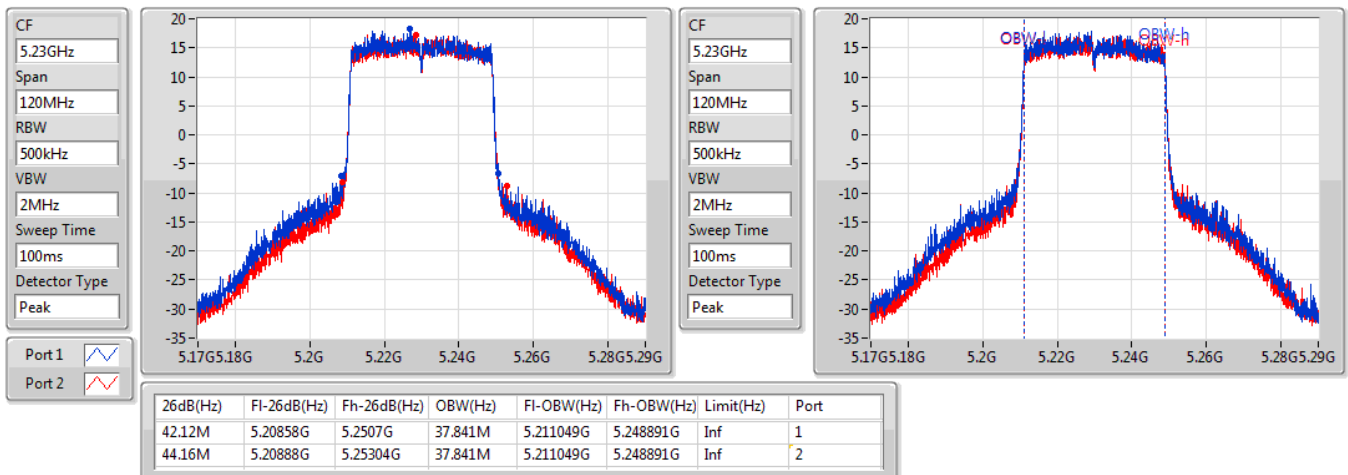


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5190MHz

15/08/2020

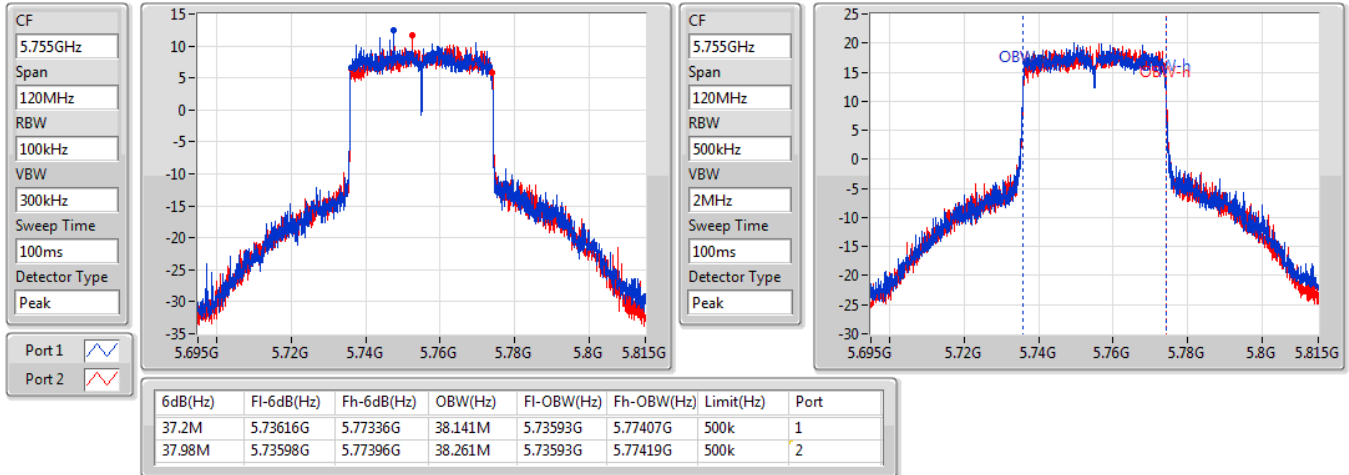

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5230MHz

15/08/2020

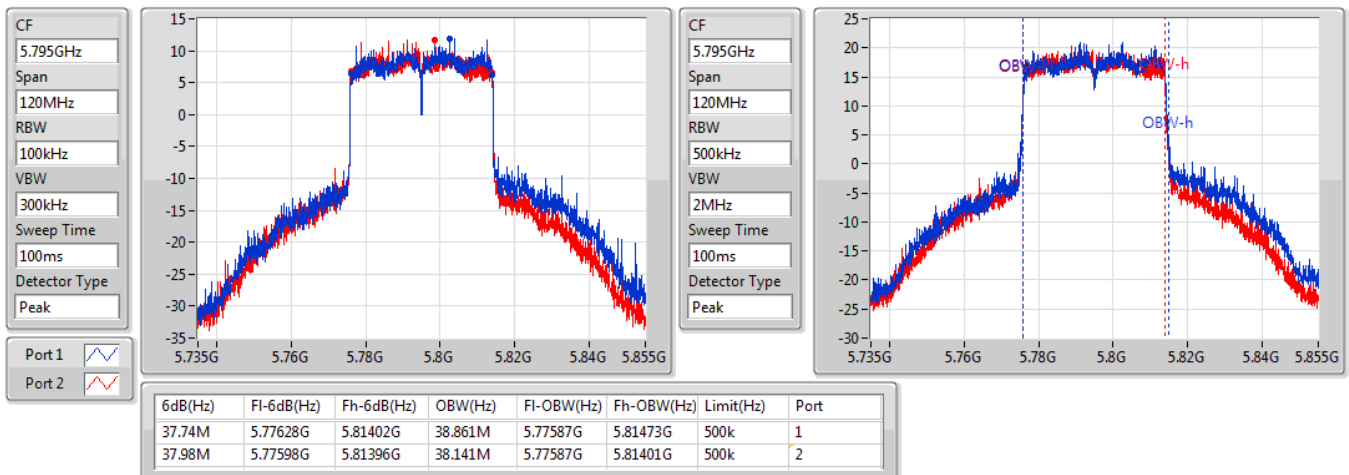


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5755MHz

15/08/2020

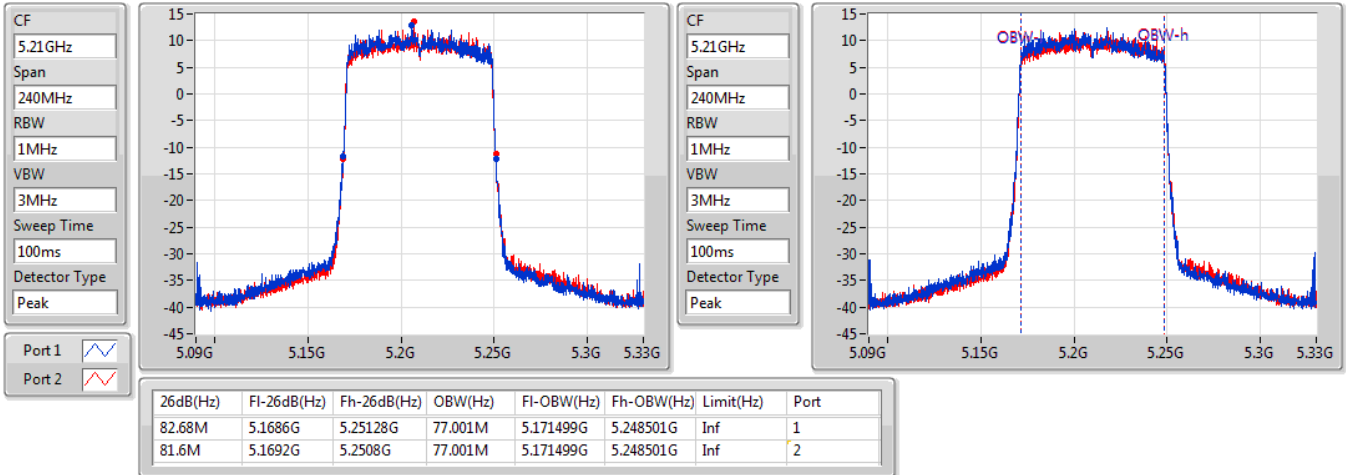

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5795MHz

15/08/2020

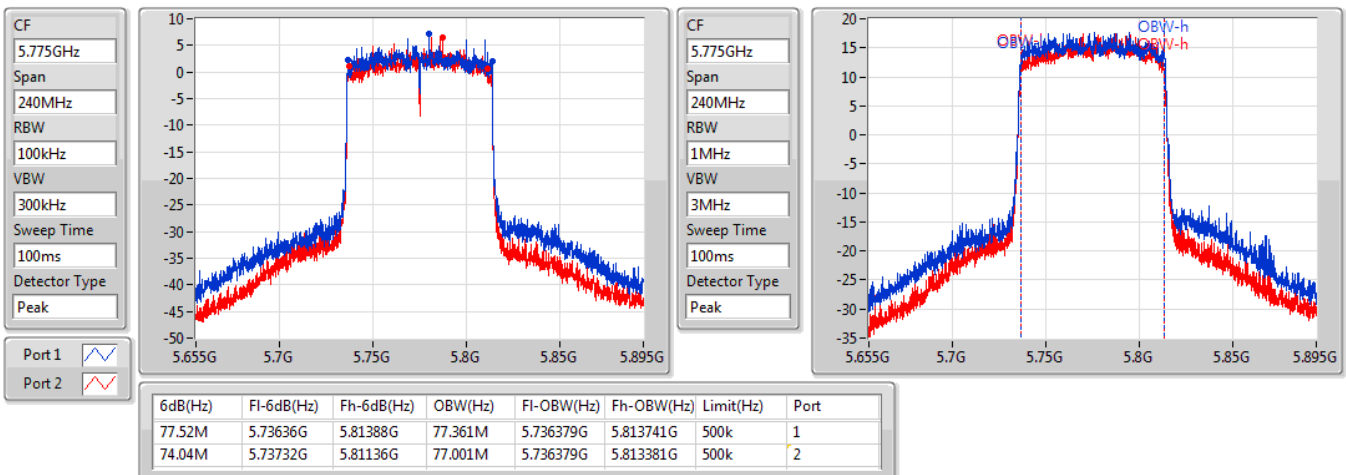


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

15/08/2020


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

15/08/2020





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.81	0.19099
802.11ax HEW20_Nss1,(MCS0)_2TX	19.65	0.09226
802.11ax HEW40_Nss1,(MCS0)_2TX	19.66	0.09247
802.11ax HEW80_Nss1,(MCS0)_2TX	12.10	0.01622
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	28.96	0.78705
802.11ax HEW20_Nss1,(MCS0)_2TX	27.91	0.61802
802.11ax HEW40_Nss1,(MCS0)_2TX	26.23	0.41976
802.11ax HEW80_Nss1,(MCS0)_2TX	21.65	0.14622



Average Power_Ant.1

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	28.00	15.31	15.20	18.27	25.00
5200MHz	Pass	28.00	19.89	19.71	22.81	25.00
5240MHz	Pass	28.00	16.01	16.22	19.13	25.00
5745MHz	Pass	28.00	22.93	22.20	25.59	30.00
5785MHz	Pass	28.00	26.09	25.80	28.96	30.00
5825MHz	Pass	28.00	26.31	25.49	28.93	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	28.00	15.05	14.86	17.97	25.00
5200MHz	Pass	28.00	16.79	16.48	19.65	25.00
5240MHz	Pass	28.00	16.18	15.72	18.97	25.00
5745MHz	Pass	28.00	22.23	22.40	25.33	30.00
5785MHz	Pass	28.00	24.33	24.94	27.66	30.00
5825MHz	Pass	28.00	24.96	24.84	27.91	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	28.00	10.86	10.27	13.59	25.00
5230MHz	Pass	28.00	16.96	16.32	19.66	25.00
5755MHz	Pass	28.00	22.34	21.78	25.08	30.00
5795MHz	Pass	28.00	23.44	22.99	26.23	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	28.00	9.37	8.80	12.10	25.00
5775MHz	Pass	28.00	18.79	18.49	21.65	30.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.20	0.83176
802.11ax HEW20_Nss1,(MCS0)_2TX	29.17	0.82604
802.11ax HEW40_Nss1,(MCS0)_2TX	27.38	0.54702
802.11ax HEW80_Nss1,(MCS0)_2TX	21.28	0.13428
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.93	0.98401
802.11ax HEW20_Nss1,(MCS0)_2TX	29.96	0.99083
802.11ax HEW40_Nss1,(MCS0)_2TX	29.89	0.97499
802.11ax HEW80_Nss1,(MCS0)_2TX	27.09	0.51168



Average Power_Ant.3

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.00	22.51	22.35	25.44	30.00
5200MHz	Pass	2.00	25.23	25.26	28.26	30.00
5240MHz	Pass	2.00	26.36	26.02	29.20	30.00
5720MHz Straddle 5.725-5.85GHz						
5745MHz	Pass	2.00	26.82	26.25	29.55	30.00
5785MHz	Pass	2.00	26.54	27.02	29.80	30.00
5825MHz	Pass	2.00	27.09	26.75	29.93	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.00	22.21	22.04	25.14	30.00
5200MHz	Pass	2.00	25.00	24.90	27.96	30.00
5240MHz	Pass	2.00	26.29	26.03	29.17	30.00
5720MHz Straddle 5.725-5.85GHz						
5745MHz	Pass	2.00	27.02	26.78	29.91	30.00
5785MHz	Pass	2.00	26.52	26.77	29.66	30.00
5825MHz	Pass	2.00	27.15	26.75	29.96	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.00	19.09	18.93	22.02	30.00
5230MHz	Pass	2.00	24.62	24.11	27.38	30.00
5710MHz Straddle 5.725-5.85GHz						
5755MHz	Pass	2.00	26.95	26.72	29.85	30.00
5795MHz	Pass	2.00	26.89	26.86	29.89	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.00	18.50	18.03	21.28	30.00
5690MHz Straddle 5.725-5.85GHz						
5775MHz	Pass	2.00	23.93	24.22	27.09	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.31
802.11ax HEW20_Nss1,(MCS0)_2TX	6.90
802.11ax HEW40_Nss1,(MCS0)_2TX	3.65
802.11ax HEW80_Nss1,(MCS0)_2TX	-7.00
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.94
802.11ax HEW20_Nss1,(MCS0)_2TX	13.72
802.11ax HEW40_Nss1,(MCS0)_2TX	8.56
802.11ax HEW80_Nss1,(MCS0)_2TX	0.96

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	28.00	3.04	2.66	5.85	12.00
5200MHz	Pass	28.00	7.46	7.16	10.31	12.00
5240MHz	Pass	28.00	3.43	3.77	6.43	12.00
5745MHz	Pass	28.00	9.01	8.12	11.30	30.00
5785MHz	Pass	28.00	12.32	11.84	14.85	30.00
5825MHz	Pass	28.00	12.63	11.52	14.94	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	28.00	2.36	1.93	5.11	12.00
5200MHz	Pass	28.00	4.21	3.66	6.90	12.00
5240MHz	Pass	28.00	3.48	2.76	6.09	12.00
5745MHz	Pass	28.00	7.84	8.27	10.63	30.00
5785MHz	Pass	28.00	10.15	11.23	13.67	30.00
5825MHz	Pass	28.00	10.73	10.86	13.72	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	28.00	-5.12	-5.88	-2.54	12.00
5230MHz	Pass	28.00	1.07	0.19	3.65	12.00
5755MHz	Pass	28.00	4.74	4.11	7.10	30.00
5795MHz	Pass	28.00	6.09	5.79	8.56	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	28.00	-9.52	-10.45	-7.00	12.00
5775MHz	Pass	28.00	-1.67	-1.75	0.96	30.00

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

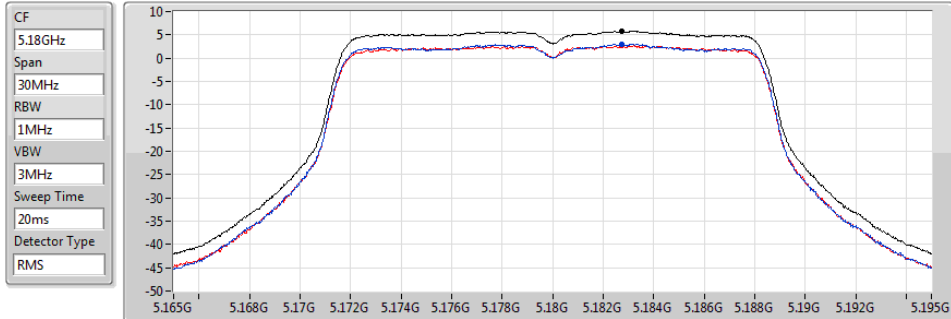
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

14/08/2020



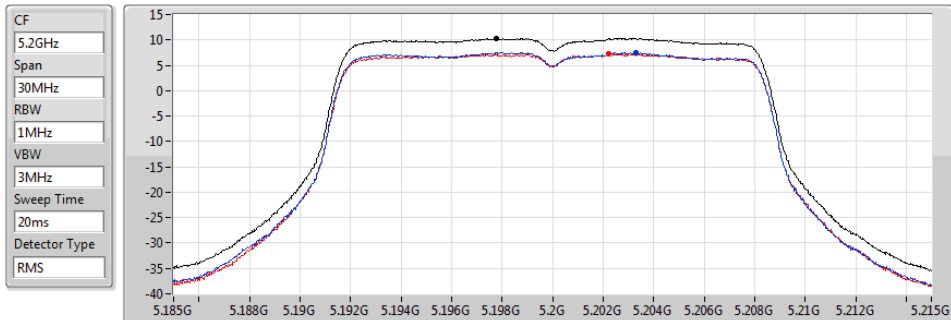
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.85	5.85	3.04	2.66

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

14/08/2020



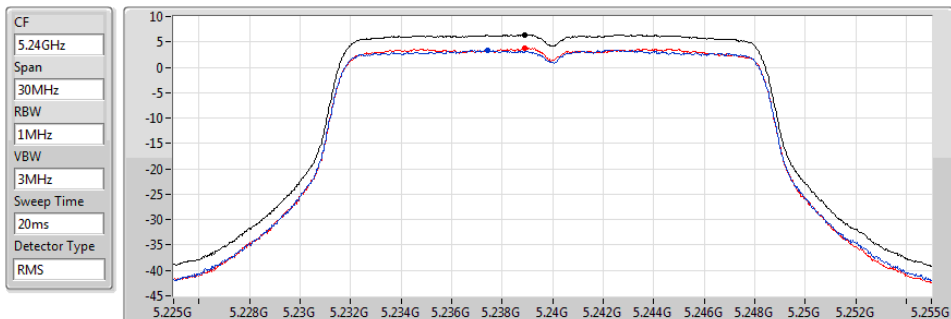
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.31	10.31	7.46	7.16

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

17/08/2020



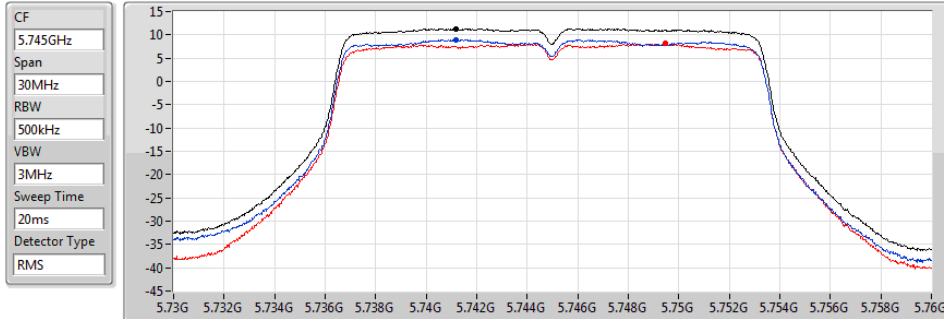
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.43	6.43	3.43	3.77

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

14/08/2020



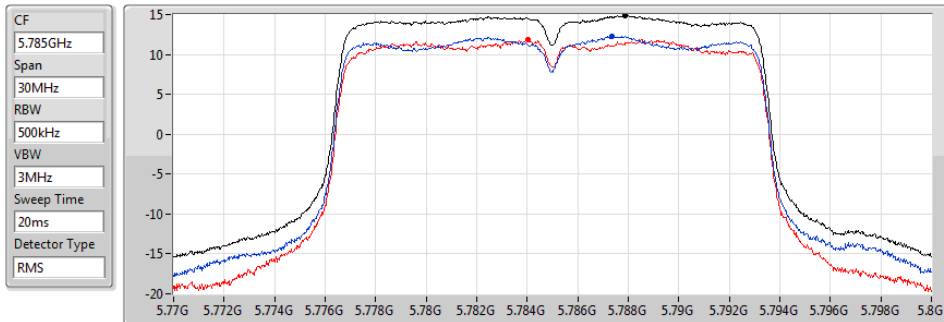
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.30	11.30	9.01	8.12

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

14/08/2020



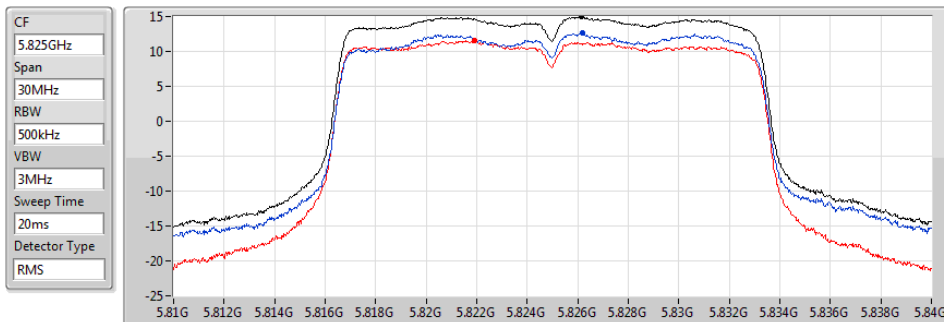
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.85	14.85	12.32	11.84

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

14/08/2020



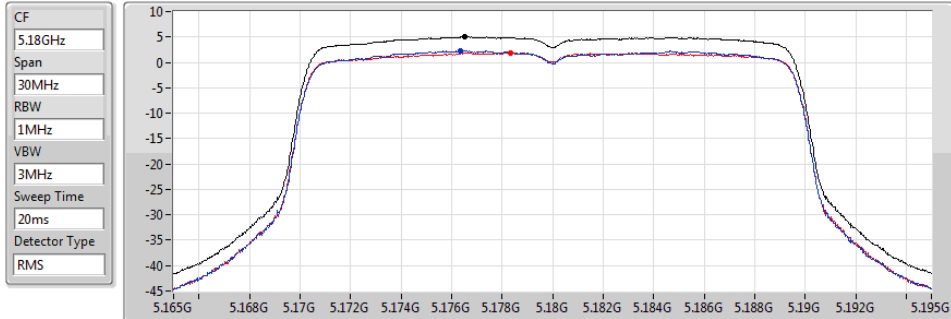
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.94	14.94	12.63	11.52

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

14/08/2020



Sum
Port 1
Port 2

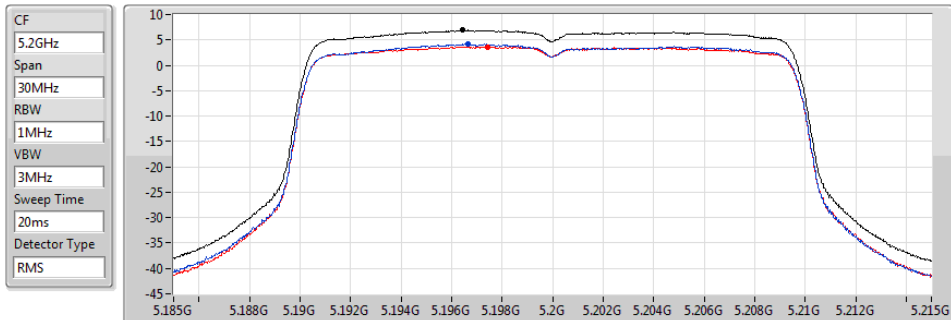
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.11	5.11	2.36	1.93

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

14/08/2020



Sum
Port 1
Port 2

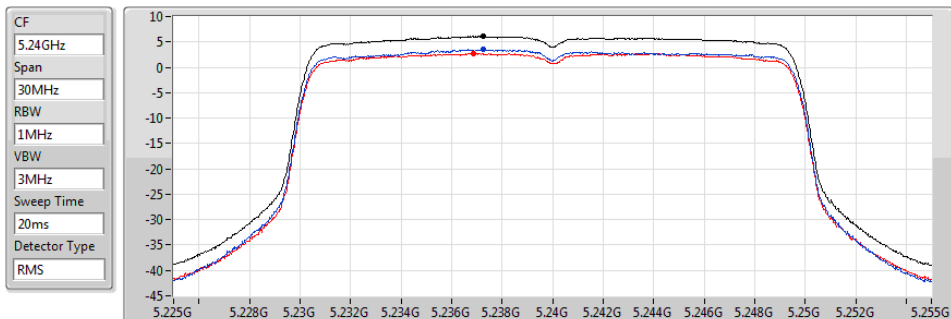
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.90	6.90	4.21	3.66

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

14/08/2020



Sum
Port 1
Port 2

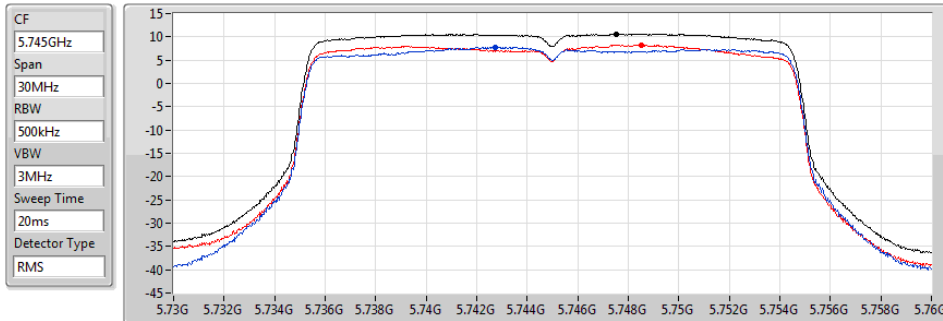
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.09	6.09	3.48	2.76

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

17/08/2020



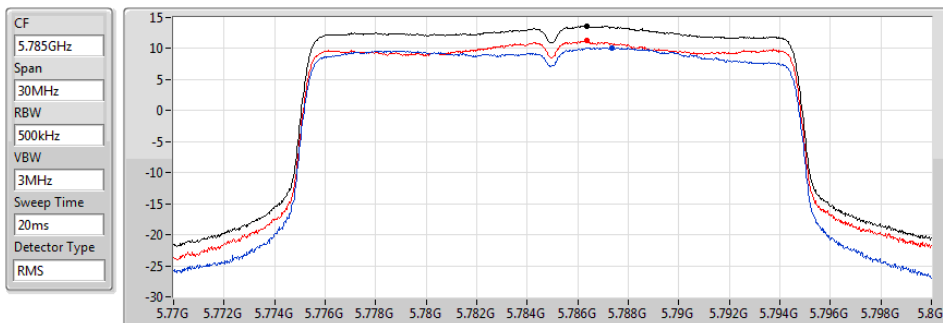
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.63	10.63	7.84	8.27

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

17/08/2020



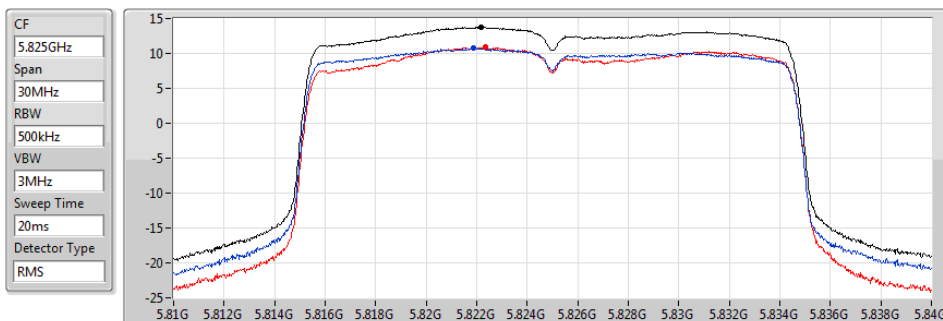
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.67	13.67	10.15	11.23

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

17/08/2020



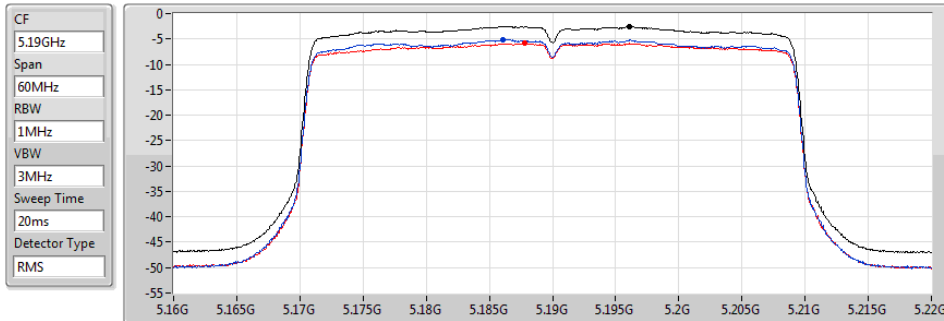
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.72	13.72	10.73	10.86

802.11ax HEW40_Nss1,(MCS0)_2TX

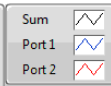
PSD

5190MHz

14/08/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.54	-2.54	-5.12	-5.88

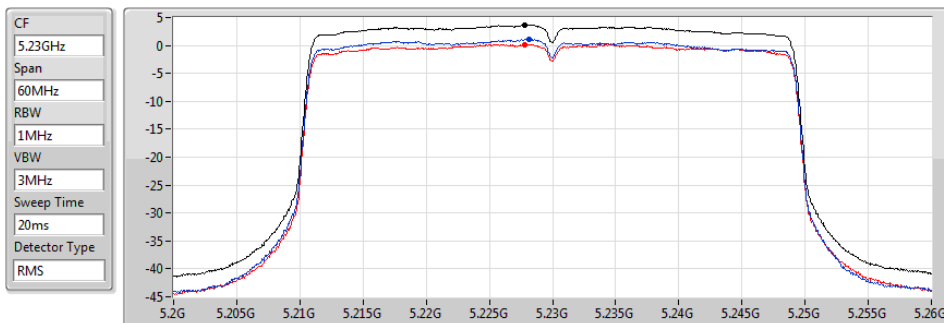


802.11ax HEW40_Nss1,(MCS0)_2TX

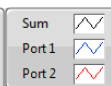
PSD

5230MHz

14/08/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.65	3.65	1.07	0.19

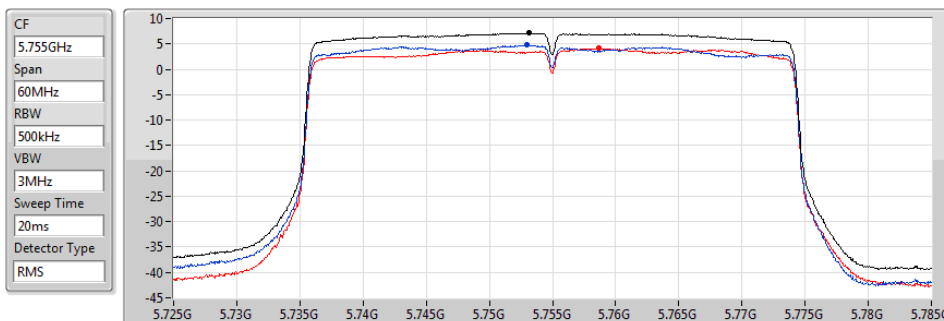


802.11ax HEW40_Nss1,(MCS0)_2TX

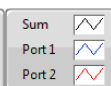
PSD

5755MHz

14/08/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.10	7.10	4.74	4.11

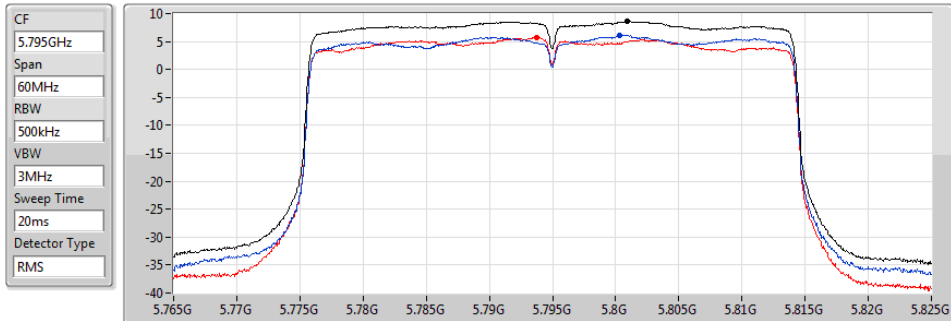


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

14/08/2020



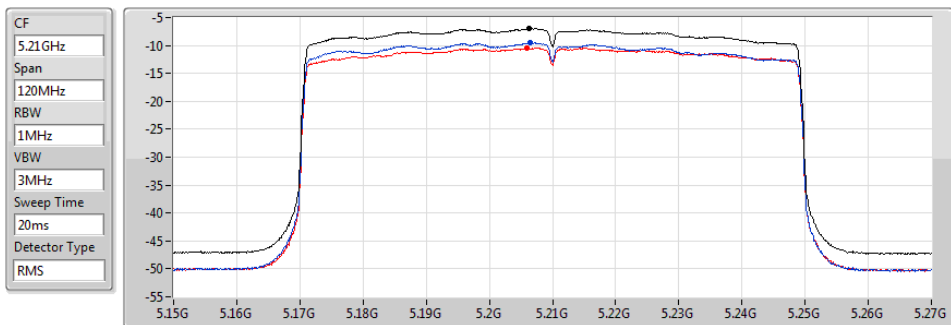
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.56	8.56	6.09	5.79

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

14/08/2020



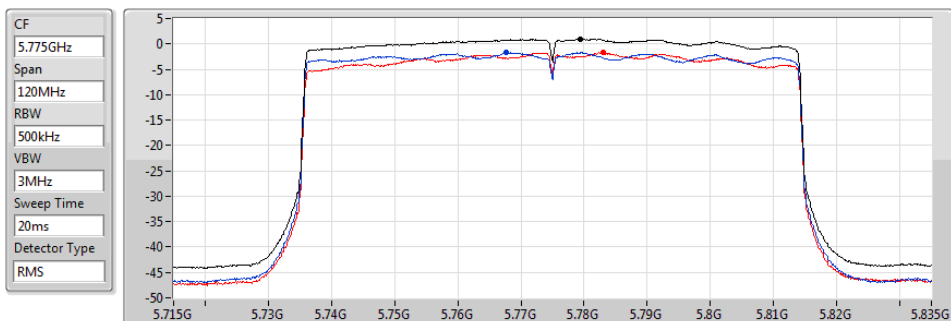
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.00	-7.00	-9.52	-10.45

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

14/08/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.96	0.96	-1.67	-1.75

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	16.63
802.11ax HEW20_Nss1,(MCS0)_2TX	16.39
802.11ax HEW40_Nss1,(MCS0)_2TX	11.26
802.11ax HEW80_Nss1,(MCS0)_2TX	2.36
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	16.06
802.11ax HEW20_Nss1,(MCS0)_2TX	15.70
802.11ax HEW40_Nss1,(MCS0)_2TX	12.37
802.11ax HEW80_Nss1,(MCS0)_2TX	6.43

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.00	10.05	9.93	12.86	17.00
5200MHz	Pass	2.00	12.79	12.71	15.69	17.00
5240MHz	Pass	2.00	13.91	13.55	16.63	17.00
5720MHz Straddle 5.725-5.85GHz						
5745MHz	Pass	2.00	12.81	12.01	15.16	30.00
5785MHz	Pass	2.00	13.42	12.97	16.06	30.00
5825MHz	Pass	2.00	13.39	12.42	15.81	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.00	9.45	9.18	12.23	17.00
5200MHz	Pass	2.00	12.29	12.18	15.23	17.00
5240MHz	Pass	2.00	13.67	13.23	16.39	17.00
5720MHz Straddle 5.725-5.85GHz						
5745MHz	Pass	2.00	12.78	12.31	15.28	30.00
5785MHz	Pass	2.00	12.26	12.59	15.25	30.00
5825MHz	Pass	2.00	12.97	12.42	15.70	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.00	3.20	2.82	5.91	17.00
5230MHz	Pass	2.00	8.56	7.97	11.26	17.00
5710MHz Straddle 5.725-5.85GHz						
5755MHz	Pass	2.00	9.21	9.12	11.92	30.00
5795MHz	Pass	2.00	9.75	9.59	12.37	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.00	-0.26	-0.94	2.36	17.00
5690MHz Straddle 5.725-5.85GHz						
5775MHz	Pass	2.00	3.80	3.57	6.43	30.00

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

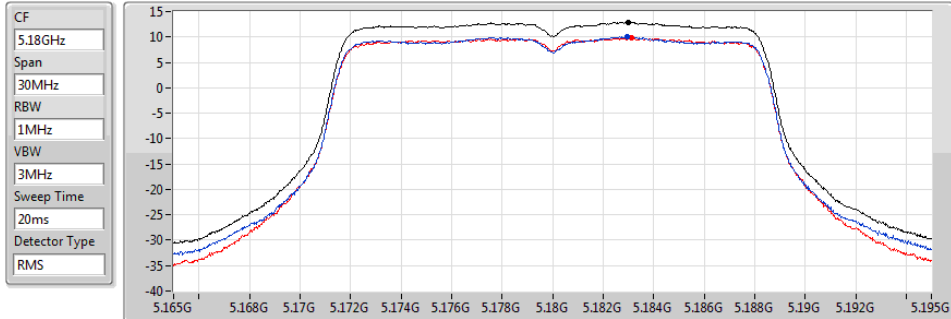
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

15/08/2020



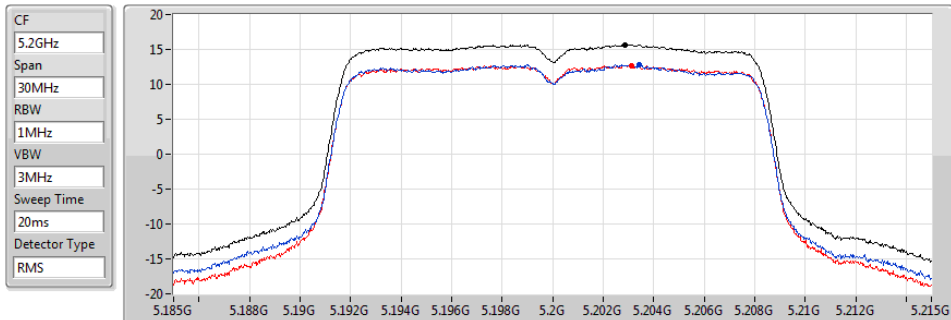
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.86	12.86	10.05	9.93

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

15/08/2020



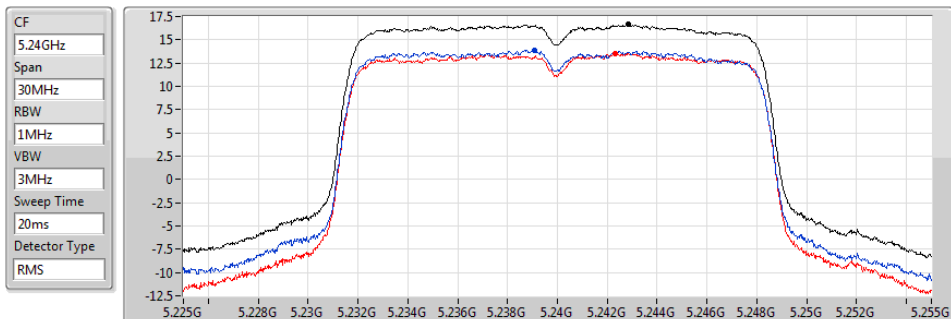
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.69	15.69	12.79	12.71

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

15/08/2020



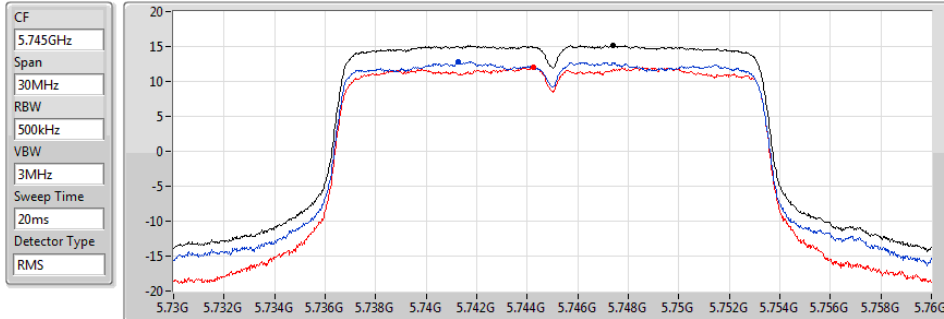
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
16.63	16.63	13.91	13.55

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

15/08/2020



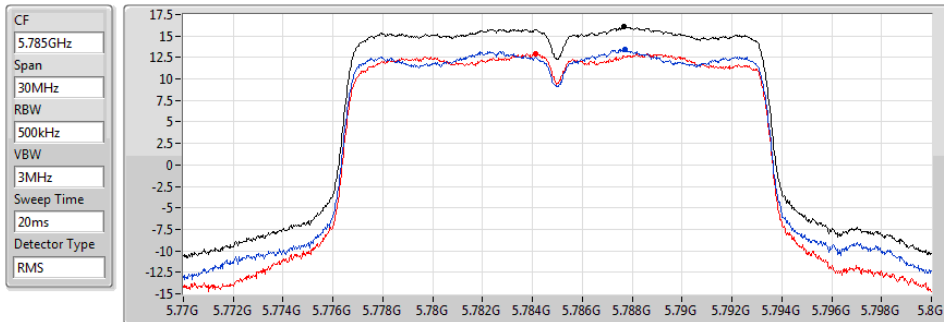
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.16	15.16	12.81	12.01

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

15/08/2020



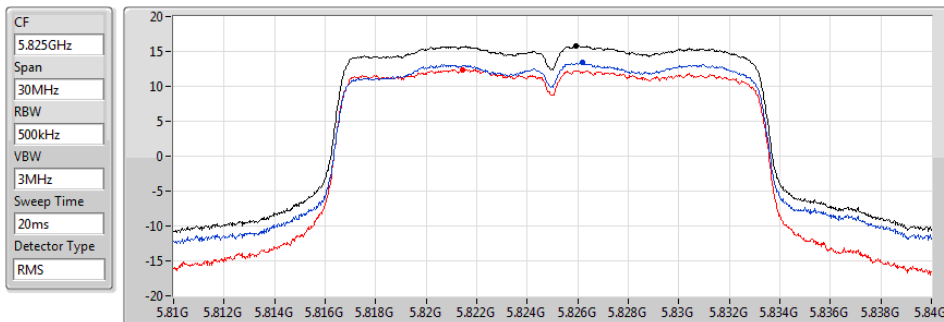
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
16.06	16.06	13.42	12.97

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

15/08/2020



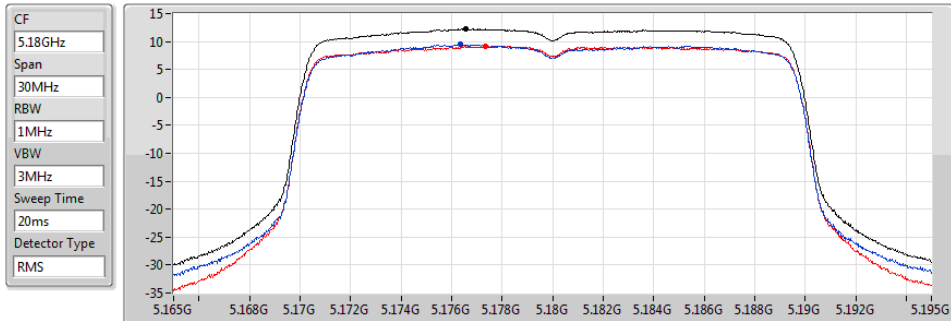
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.81	15.81	13.39	12.42

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

15/08/2020



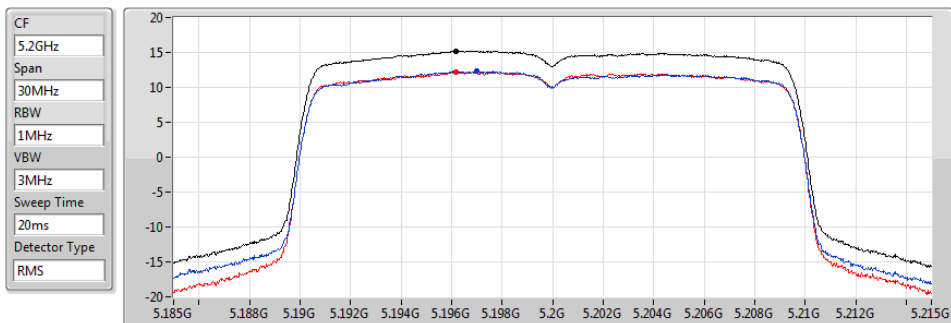
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.23	12.23	9.45	9.18

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

15/08/2020



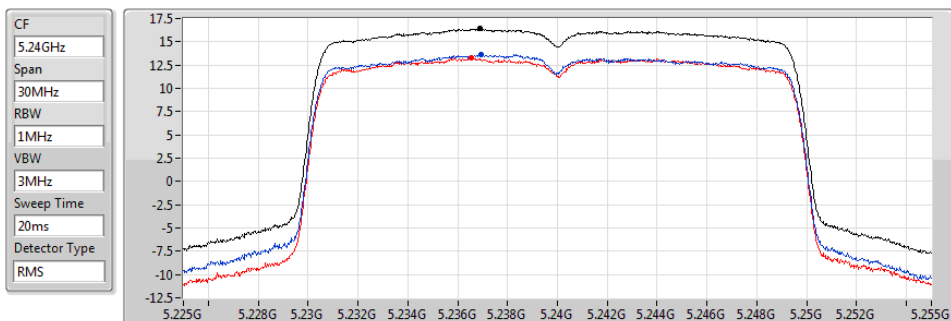
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.23	15.23	12.29	12.18

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

15/08/2020



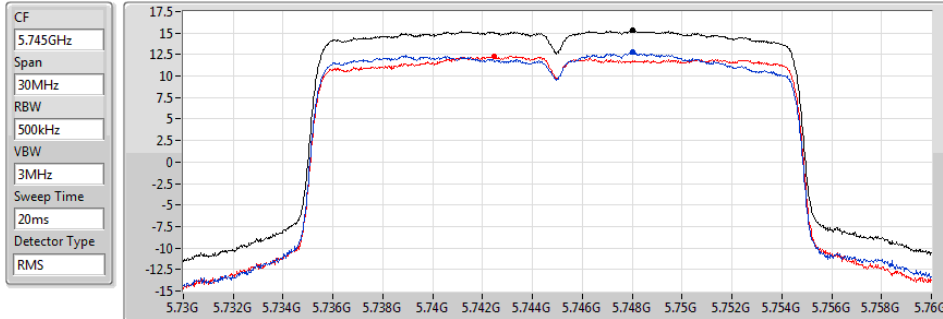
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
16.39	16.39	13.67	13.23

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

15/08/2020



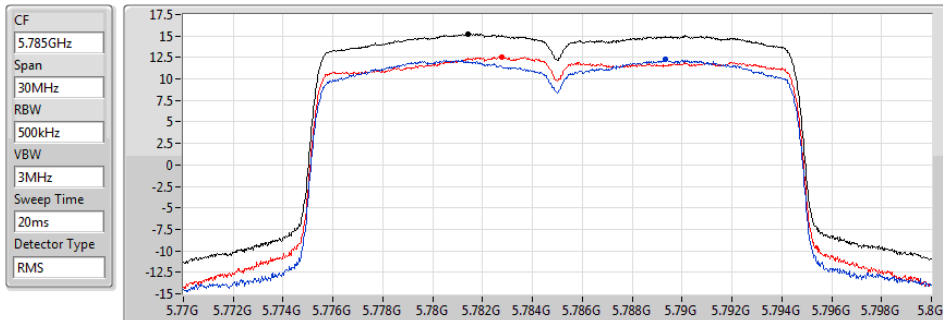
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.28	15.28	12.78	12.31

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

15/08/2020



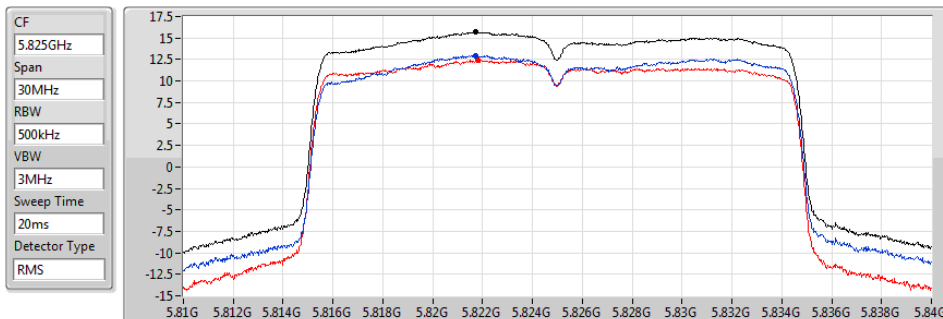
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.25	15.25	12.26	12.59

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

15/08/2020



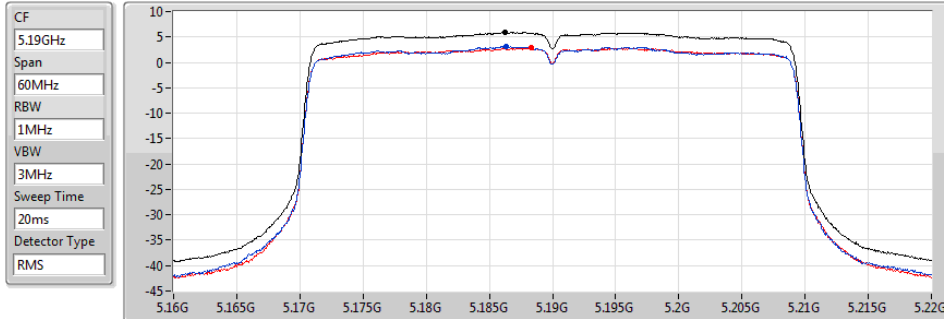
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.70	15.70	12.97	12.42

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

15/08/2020



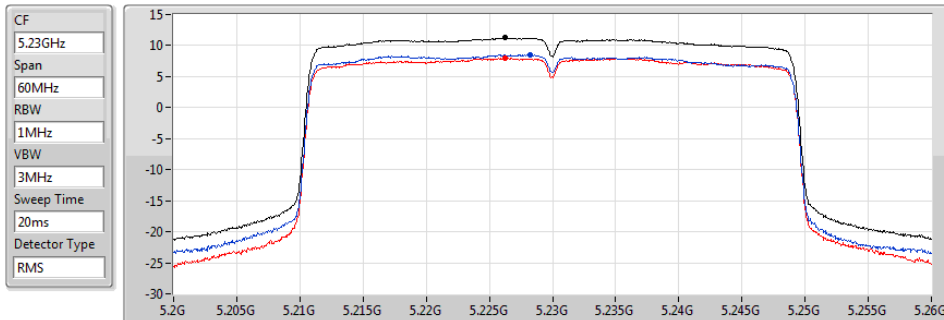
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.91	5.91	3.20	2.82

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

15/08/2020



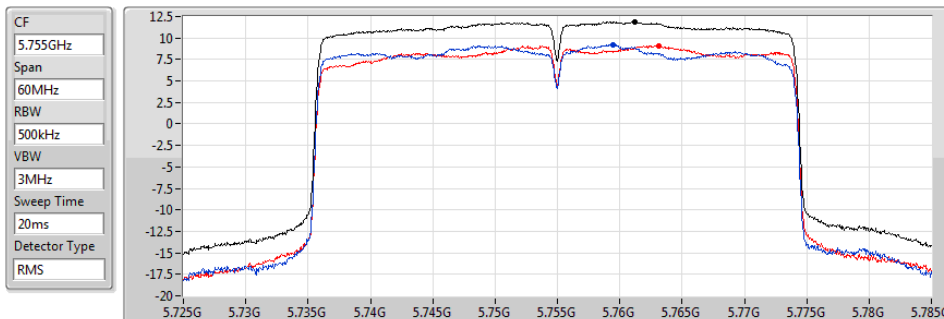
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.26	11.26	8.56	7.97

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

15/08/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.92	11.92	9.21	9.12

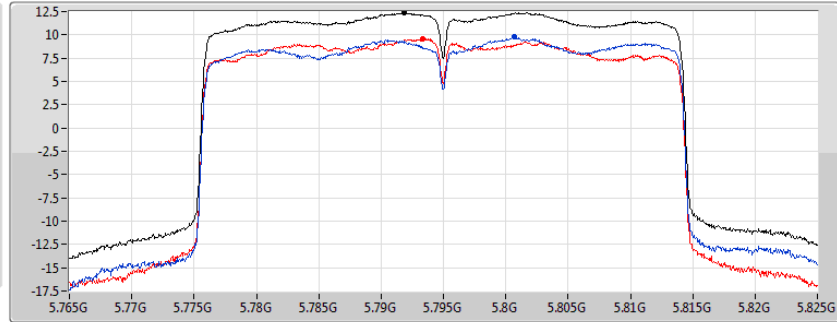
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

15/08/2020

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.37	12.37	9.75	9.59

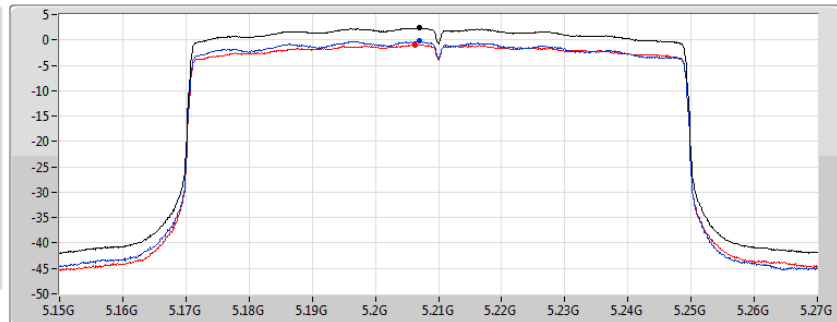
802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

15/08/2020

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-0.26	-0.94

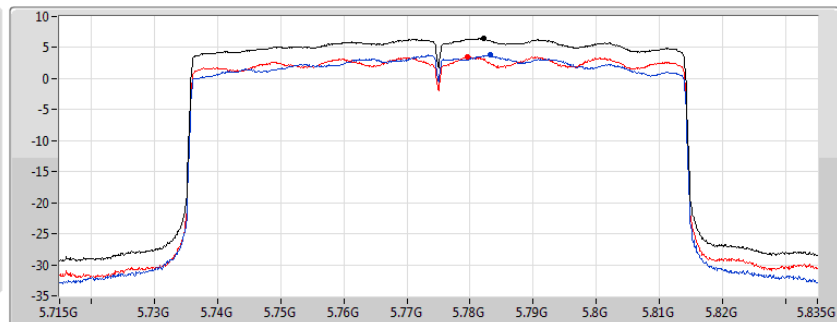
802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

17/08/2020

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.80	3.57



Radiated Emissions below 1GHz

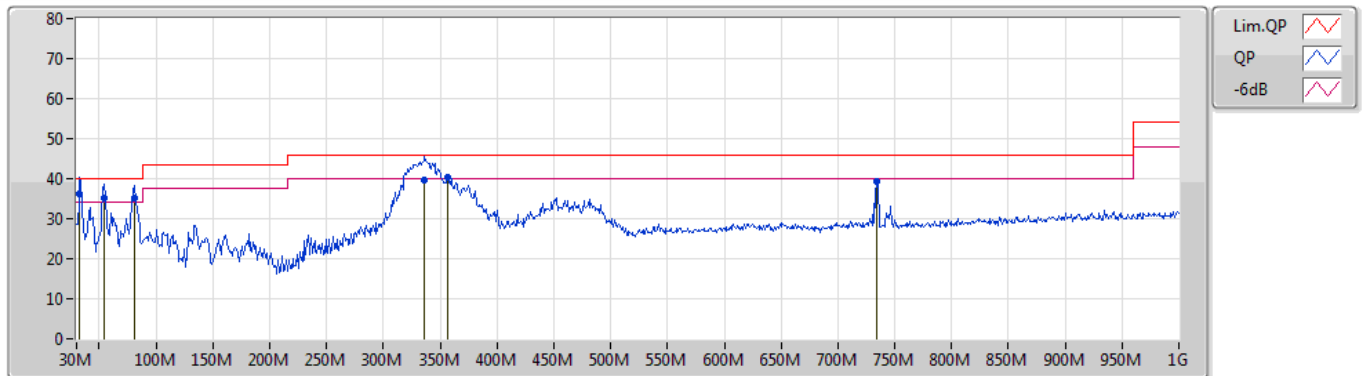
Appendix E.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	32.91M	36.34	40.00	-3.66	Vertical

Mode 1

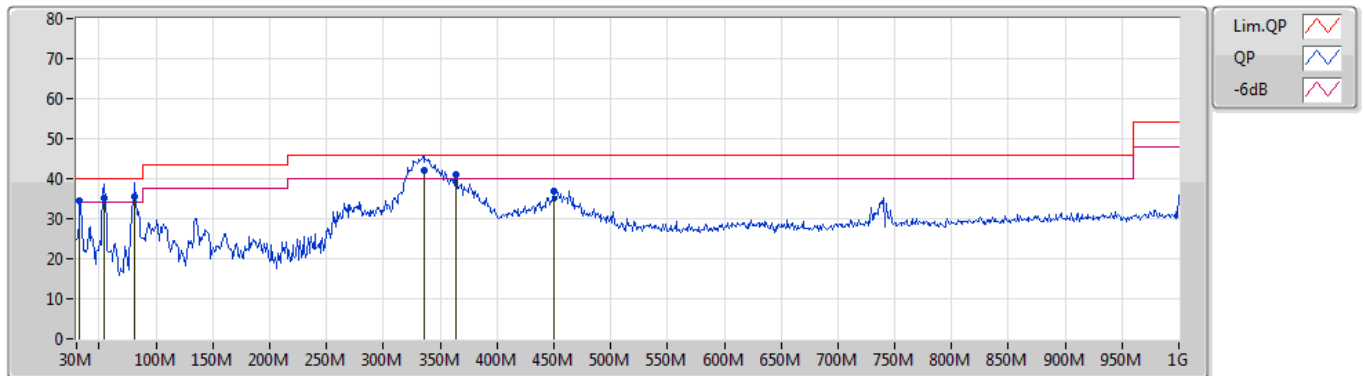
21/08/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	32.91M	36.34	40.00	-3.66	-7.49	3	Vertical	17	1.00	"Worst"	43.83	22.23	1.56	31.28
QP	54.25M	35.28	40.00	-4.72	-17.41	3	Vertical	0	1.25	-	52.69	12.72	1.48	31.61
QP	81.41M	35.21	40.00	-4.79	-16.79	3	Vertical	249	2.00	-	52.00	13.02	1.90	31.71
QP	336.52M	39.64	46.00	-6.36	-8.36	3	Vertical	236	1.00	-	48.00	19.85	3.75	31.96
PK	356.89M	40.24	46.00	-5.76	-7.75	3	Vertical	215	1.25	-	47.99	20.43	3.84	32.02
PK	734.22M	39.24	46.00	-6.76	-1.17	3	Vertical	147	2.00	-	40.41	25.69	5.71	32.57

Mode 1

21/08/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	32.91M	34.62	40.00	-5.38	-7.49	3	Horizontal	322	2.00	-	42.11	22.23	1.56	31.28
QP	54.25M	35.12	40.00	-4.88	-17.41	3	Horizontal	138	2.00	-	52.53	12.72	1.48	31.61
PK	363.68M	40.92	46.00	-5.08	-7.56	3	Horizontal	208	2.00	-	48.48	20.60	3.88	32.04
QP	81.41M	35.39	40.00	-4.61	-16.79	3	Horizontal	138	2.00	-	52.18	13.02	1.90	31.71
PK	450.01M	36.80	46.00	-9.20	-4.95	3	Horizontal	197	1.50	-	41.75	22.86	4.30	32.11
QP	335.55M	42.13	46.00	-3.87	-8.39	3	Horizontal	269	1.00	"Worst"	50.52	19.82	3.74	31.95



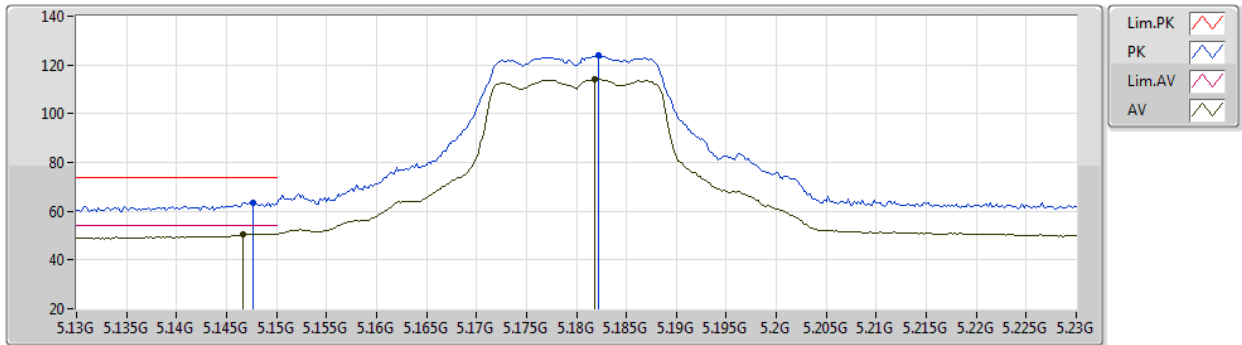
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	17.4811G	68.17	68.20	-0.03	3	Horizontal	0	1.93	-

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5180MHz_TX



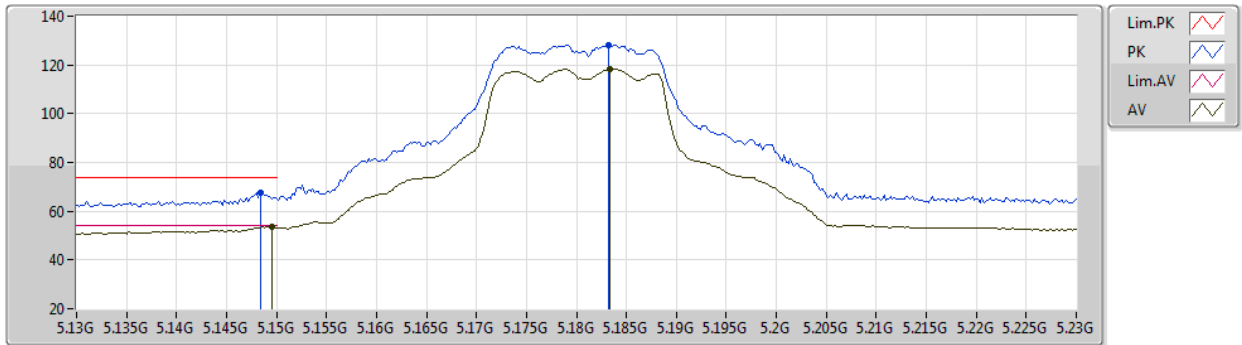
EUT_Z_2TX
Setting 15.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	63.70	74.00	-10.30	58.38	3	Vertical	0	1.84	-	33.90	6.75	35.33
AV	5.1466G	50.70	54.00	-3.30	45.38	3	Vertical	0	1.84	-	33.90	6.75	35.33
PK	5.1822G	124.04	Inf	-Inf	118.65	3	Vertical	0	1.84	-	33.90	6.78	35.29
AV	5.1818G	114.25	Inf	-Inf	108.86	3	Vertical	0	1.84	-	33.90	6.78	35.29

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5180MHz_TX



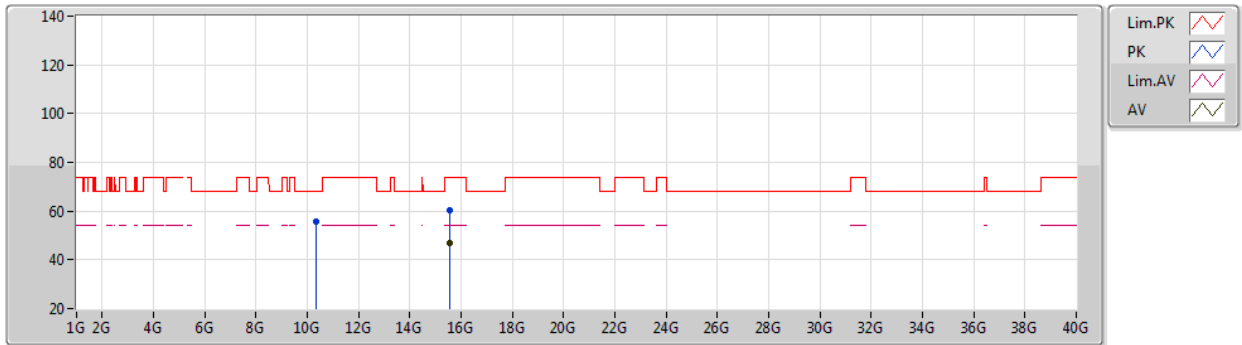
EUT_Z_2TX
Setting 15.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1484G	67.70	74.00	-6.30	62.38	3	Horizontal	0	1.86	-	33.90	6.75	35.33
AV	5.1496G	53.76	54.00	-0.24	48.44	3	Horizontal	0	1.86	-	33.90	6.75	35.33
PK	5.1832G	128.00	Inf	-Inf	122.61	3	Horizontal	0	1.86	-	33.90	6.78	35.29
AV	5.1834G	118.38	Inf	-Inf	112.98	3	Horizontal	0	1.86	-	33.90	6.79	35.29

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5180MHz_TX



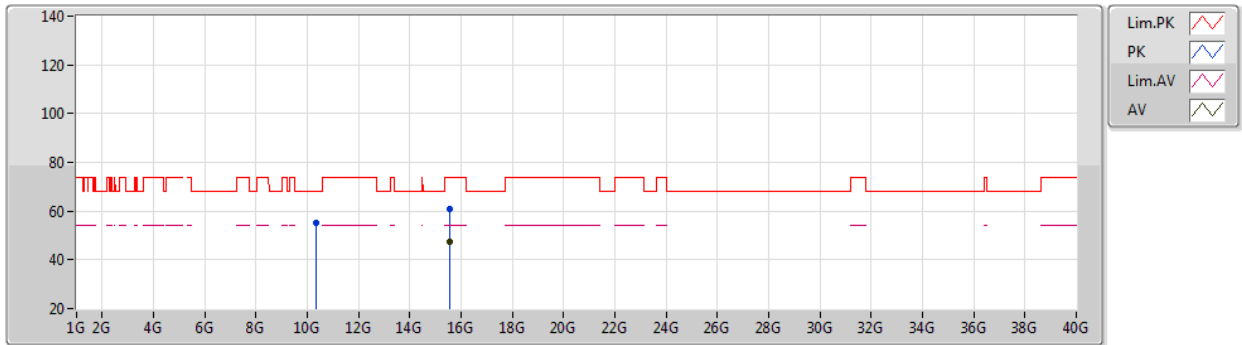
EUT_Z_2TX
Setting 15.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35982G	55.59	68.20	-12.61	42.54	3	Vertical	173	1.81	-	38.34	9.66	34.95
PK	15.53783G	60.37	74.00	-13.63	45.06	3	Vertical	311	2.70	-	38.89	11.20	34.78
AV	15.53804G	47.05	54.00	-6.95	31.74	3	Vertical	311	2.70	-	38.89	11.20	34.78

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5180MHz_TX



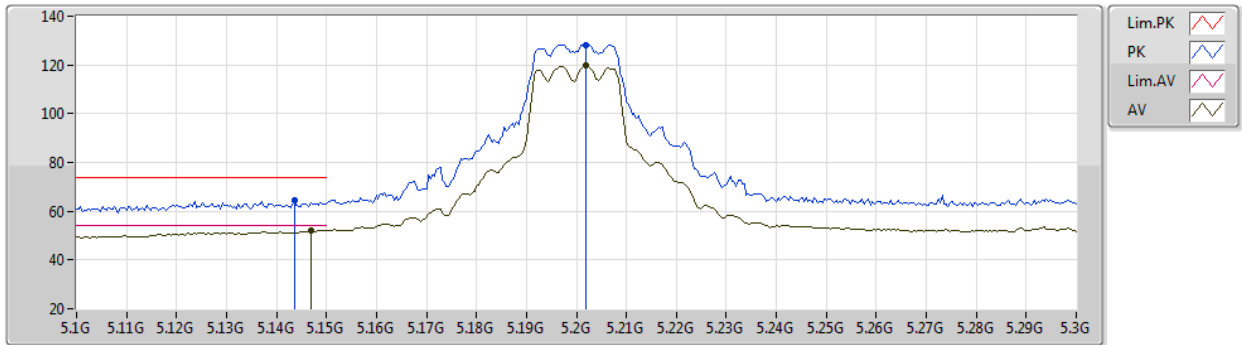
EUT_Z_2TX
Setting 15.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35939G	54.93	68.20	-13.27	41.88	3	Horizontal	1	1.60	-	38.34	9.66	34.95
PK	15.53789G	61.06	74.00	-12.94	45.75	3	Horizontal	73	1.80	-	38.89	11.20	34.78
AV	15.5384G	47.34	54.00	-6.66	32.04	3	Horizontal	73	1.80	-	38.88	11.20	34.78

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5200MHz_TX



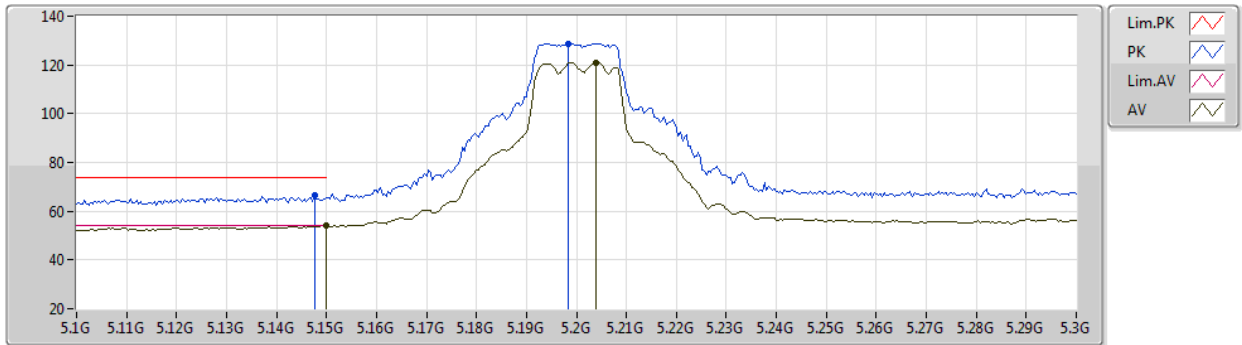
EUT_Z_2TX
Setting 20
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1436G	64.45	74.00	-9.55	59.13	3	Vertical	0	1.88	-	33.90	6.75	35.33
AV	5.1468G	52.03	54.00	-1.97	46.71	3	Vertical	0	1.88	-	33.90	6.75	35.33
PK	5.202G	128.22	Inf	-Inf	122.78	3	Vertical	0	1.88	-	33.91	6.80	35.27
AV	5.202G	119.75	Inf	-Inf	114.31	3	Vertical	0	1.88	-	33.91	6.80	35.27

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5200MHz_TX

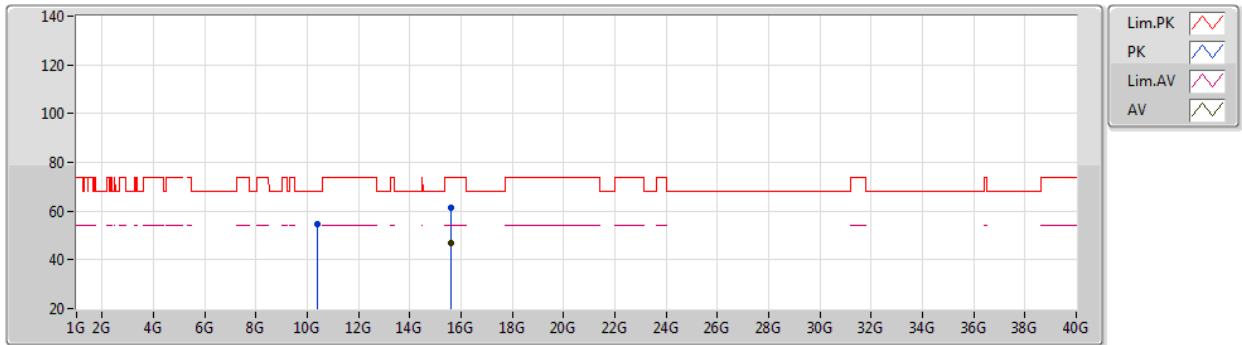

EUT Z_2TX
Setting 20
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	66.32	74.00	-7.68	61.00	3	Horizontal	0	1.88	-	33.90	6.75	35.33
AV	5.15G	53.91	54.00	-0.09	48.59	3	Horizontal	0	1.88	-	33.90	6.75	35.33
PK	5.1984G	128.53	Inf	-Inf	123.10	3	Horizontal	0	1.88	-	33.90	6.80	35.27
AV	5.204G	121.09	Inf	-Inf	115.64	3	Horizontal	0	1.88	-	33.91	6.81	35.27

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5200MHz_TX



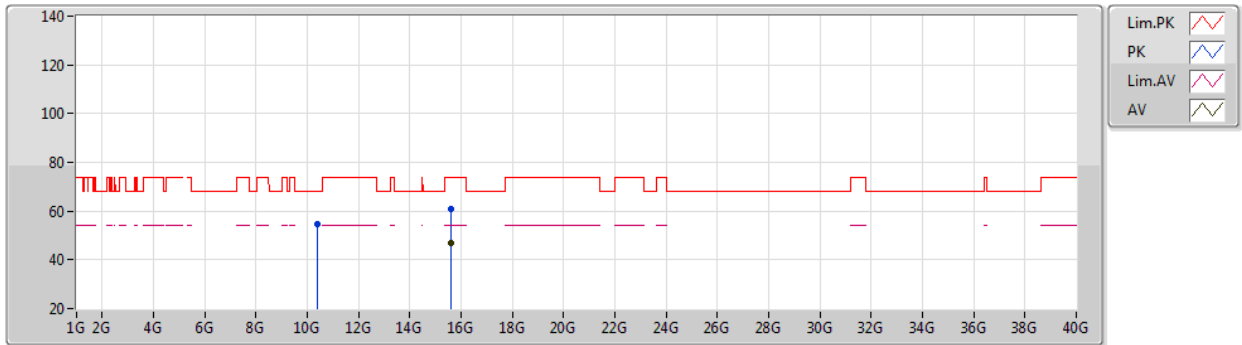
EUT Z_2TX
Setting 20
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39783G	54.59	68.20	-13.61	41.52	3	Vertical	211	2.63	-	38.34	9.66	34.93
PK	15.60072G	61.45	74.00	-12.55	46.37	3	Vertical	28	1.80	-	38.70	11.23	34.85
AV	15.5975G	47.06	54.00	-6.94	31.97	3	Vertical	28	1.80	-	38.71	11.23	34.85

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5200MHz_TX



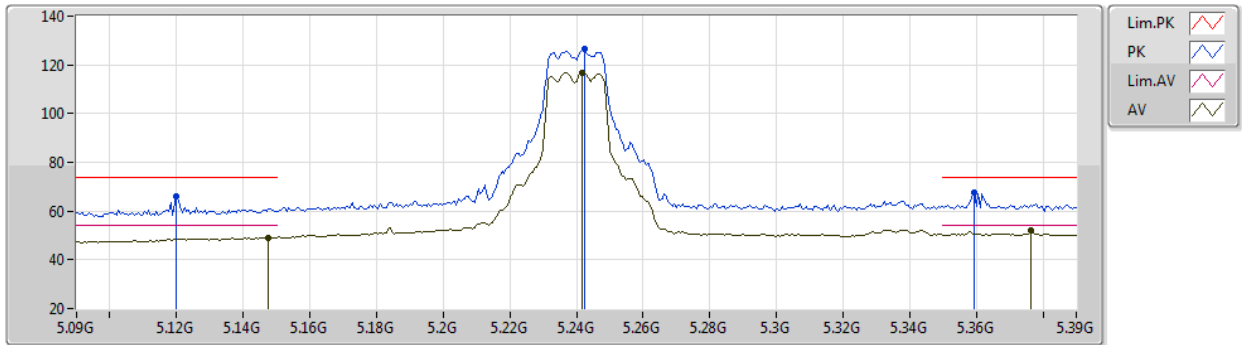
EUT Z_2TX
Setting 20
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40067G	54.58	68.20	-13.62	41.50	3	Horizontal	248	1.80	-	38.34	9.66	34.92
PK	15.60059G	60.62	74.00	-13.38	45.54	3	Horizontal	48	2.46	-	38.70	11.23	34.85
AV	15.60143G	46.93	54.00	-7.07	31.85	3	Horizontal	48	2.46	-	38.70	11.23	34.85

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5240MHz_TX

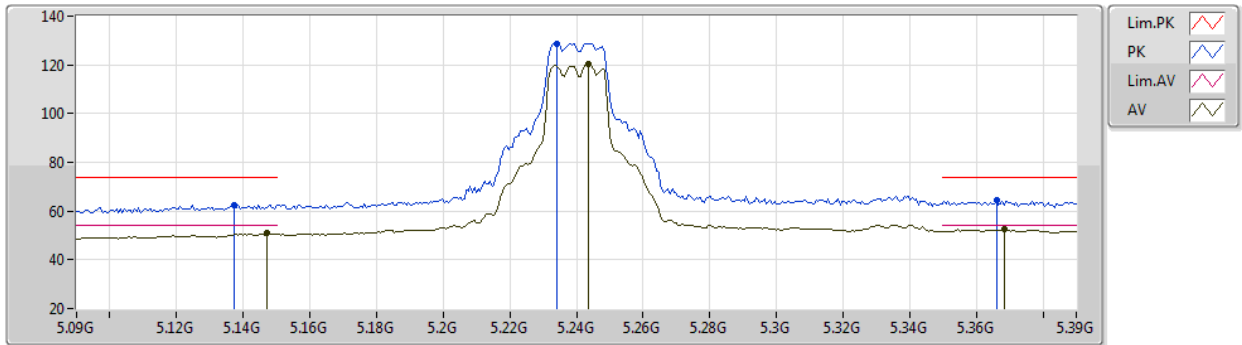

EUT Z_2TX
Setting 16.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.12G	66.14	74.00	-7.86	60.87	3	Vertical	0	1.89	-	33.90	6.73	35.36
AV	5.1476G	49.14	54.00	-4.86	43.82	3	Vertical	0	1.89	-	33.90	6.75	35.33
PK	5.2424G	126.71	Inf	-Inf	121.01	3	Vertical	0	1.89	-	34.03	6.89	35.22
AV	5.2418G	116.92	Inf	-Inf	111.22	3	Vertical	0	1.89	-	34.03	6.89	35.22
PK	5.3594G	67.42	74.00	-6.58	61.11	3	Vertical	0	1.89	-	34.26	7.13	35.08
AV	5.3762G	51.82	54.00	-2.18	45.45	3	Vertical	0	1.89	-	34.28	7.16	35.07

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5240MHz_TX



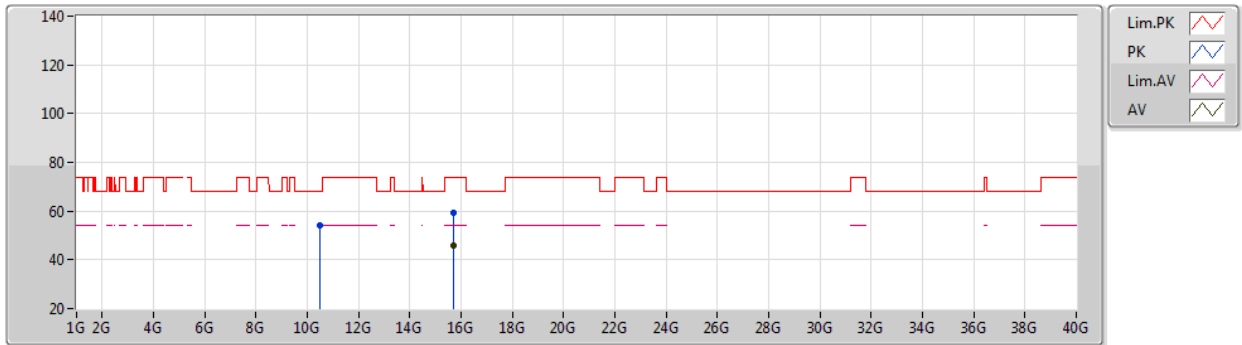
EUT_Z_2TX
Setting 16.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1374G	62.57	74.00	-11.43	57.27	3	Horizontal	0	1.91	-	33.90	6.74	35.34
AV	5.147G	50.85	54.00	-3.15	45.53	3	Horizontal	0	1.91	-	33.90	6.75	35.33
PK	5.234G	128.66	Inf	-Inf	123.02	3	Horizontal	0	1.91	-	34.00	6.87	35.23
AV	5.2436G	120.55	Inf	-Inf	114.84	3	Horizontal	0	1.91	-	34.03	6.90	35.22
PK	5.366G	64.56	74.00	-9.44	58.23	3	Horizontal	0	1.91	-	34.27	7.14	35.08
AV	5.3684G	52.44	54.00	-1.56	46.10	3	Horizontal	0	1.91	-	34.27	7.14	35.07

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5240MHz_TX



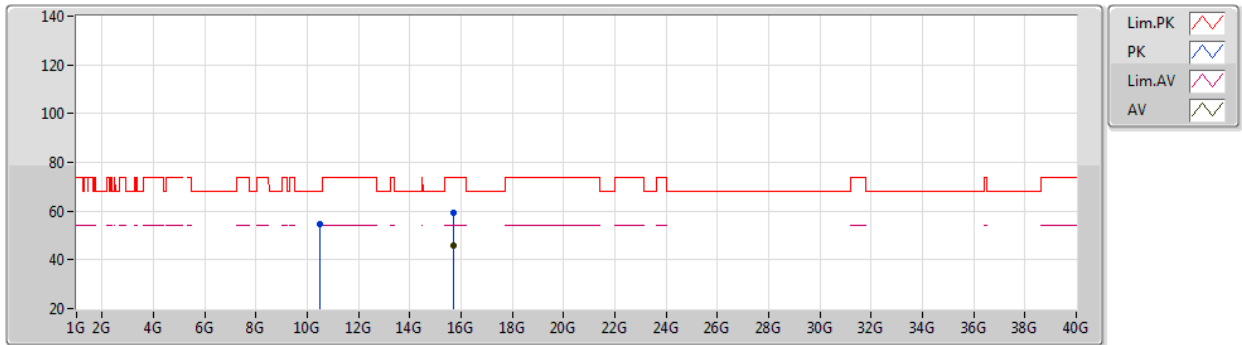
EUT_Z_2TX
Setting 16.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47778G	54.29	68.20	-13.91	41.13	3	Vertical	214	2.56	-	38.35	9.68	34.87
PK	15.71903G	59.22	74.00	-14.78	44.59	3	Vertical	168	1.05	-	38.34	11.28	34.99
AV	15.72146G	45.82	54.00	-8.18	31.19	3	Vertical	168	1.05	-	38.34	11.28	34.99

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5240MHz_TX



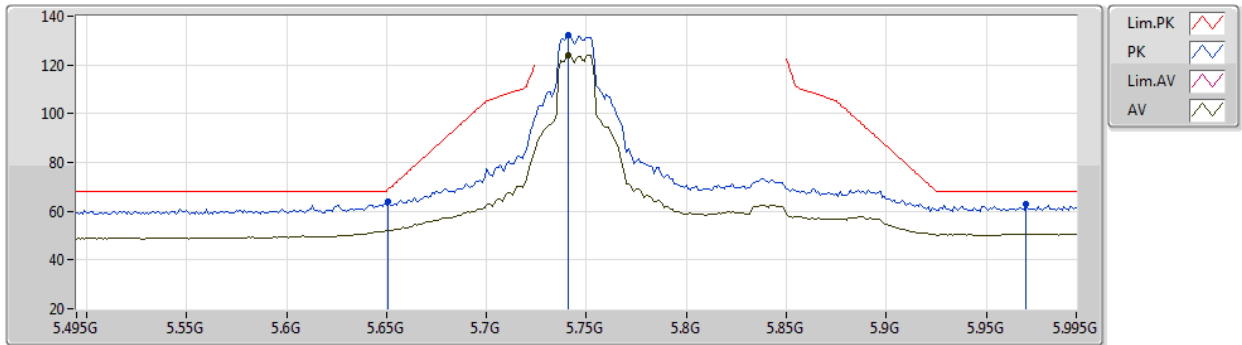
EUT Z_2TX
Setting 16.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48093G	54.82	68.20	-13.38	41.65	3	Horizontal	55	1.95	-	38.35	9.68	34.86
PK	15.71863G	59.30	74.00	-14.70	44.67	3	Horizontal	235	1.80	-	38.34	11.28	34.99
AV	15.71893G	45.84	54.00	-8.16	31.21	3	Horizontal	235	1.80	-	38.34	11.28	34.99

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5745MHz_TX



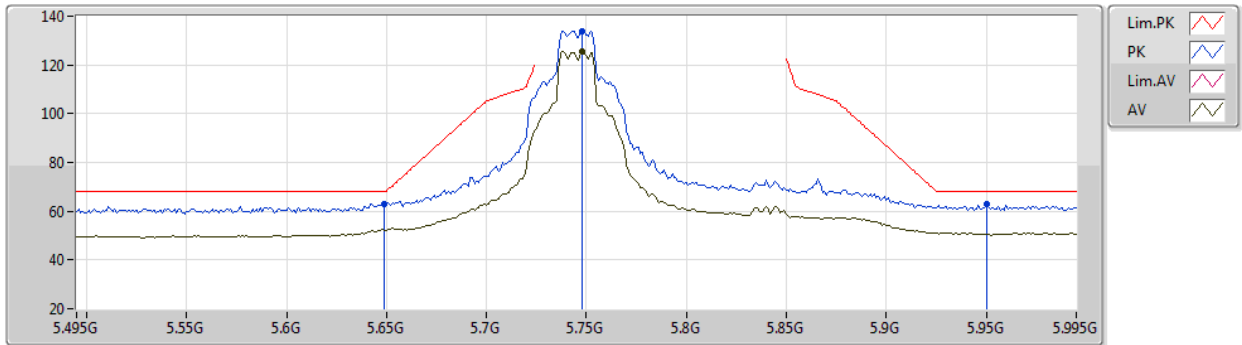
EUT Z_2TX
Setting 23.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.651G	64.20	68.94	-4.74	57.76	3	Vertical	0	1.85	-	34.25	7.13	34.94
PK	5.741G	132.15	Inf	-Inf	125.72	3	Vertical	0	1.85	-	34.20	7.17	34.94
AV	5.741G	124.19	Inf	-Inf	117.76	3	Vertical	0	1.85	-	34.20	7.17	34.94
PK	5.97G	62.74	68.20	-5.46	55.51	3	Vertical	0	1.85	-	34.61	7.54	34.92

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5745MHz_TX



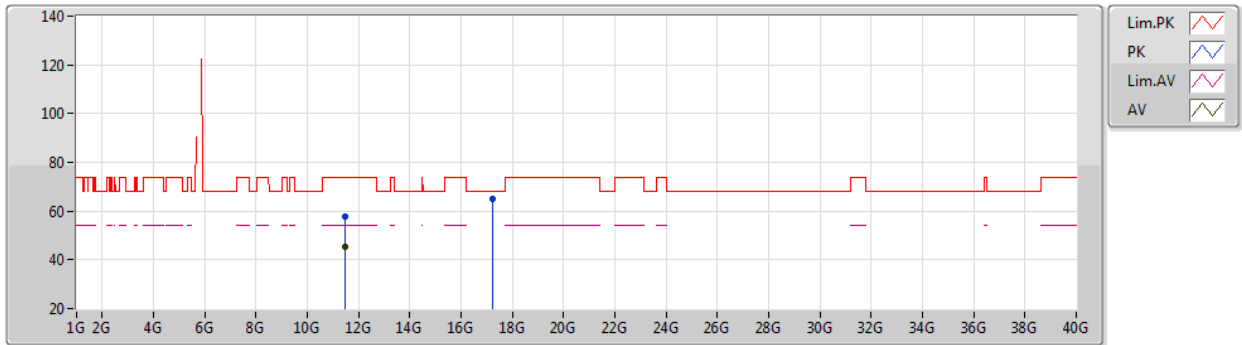
EUT Z_2TX
Setting 23.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	63.09	68.20	-5.11	56.66	3	Horizontal	0	1.88	-	34.25	7.12	34.94
PK	5.748G	133.87	Inf	-Inf	127.44	3	Horizontal	0	1.88	-	34.20	7.17	34.94
AV	5.748G	125.49	Inf	-Inf	119.06	3	Horizontal	0	1.88	-	34.20	7.17	34.94
PK	5.95G	62.73	68.20	-5.47	55.60	3	Horizontal	0	1.88	-	34.55	7.50	34.92

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5745MHz_TX



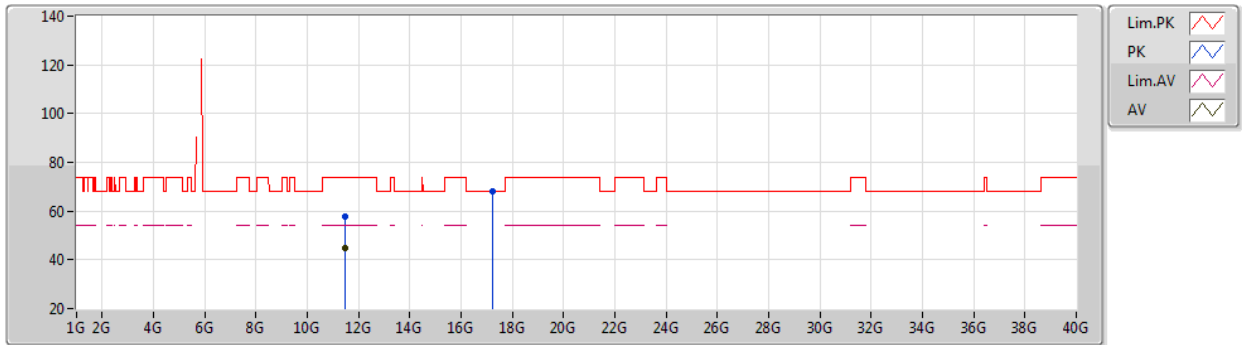
EUT Z_2TX
Setting 23.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4899G	57.57	74.00	-16.43	43.62	3	Vertical	5	1.88	-	38.74	9.83	34.62
AV	11.4901G	45.54	54.00	-8.46	31.59	3	Vertical	5	1.88	-	38.74	9.83	34.62
PK	17.2363G	64.83	68.20	-3.37	46.39	3	Vertical	360	1.80	-	41.13	11.90	34.59

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5745MHz_TX



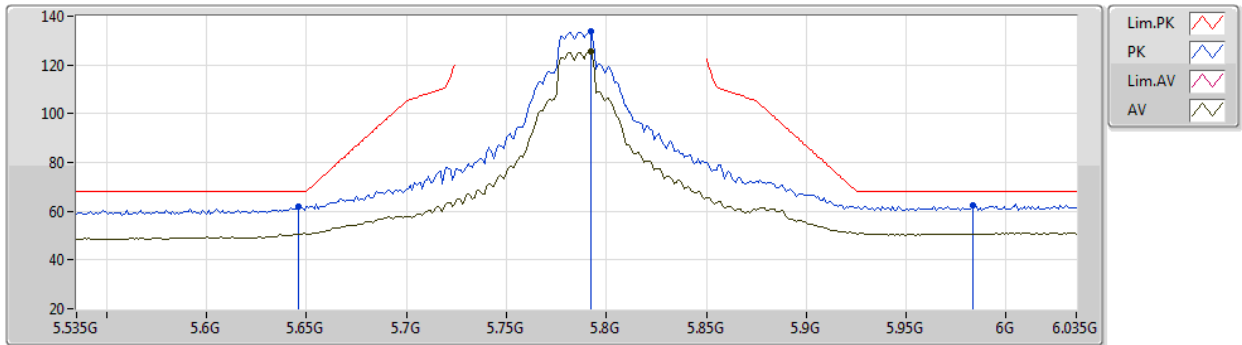
EUT Z_2TX
Setting 23.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4912G	57.81	74.00	-16.19	43.86	3	Horizontal	0	1.91	-	38.74	9.83	34.62
AV	11.4902G	44.65	54.00	-9.35	30.70	3	Horizontal	0	1.91	-	38.74	9.83	34.62
PK	17.2324G	67.85	68.20	-0.35	49.43	3	Horizontal	360	1.92	-	41.11	11.90	34.59

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5785MHz_TX



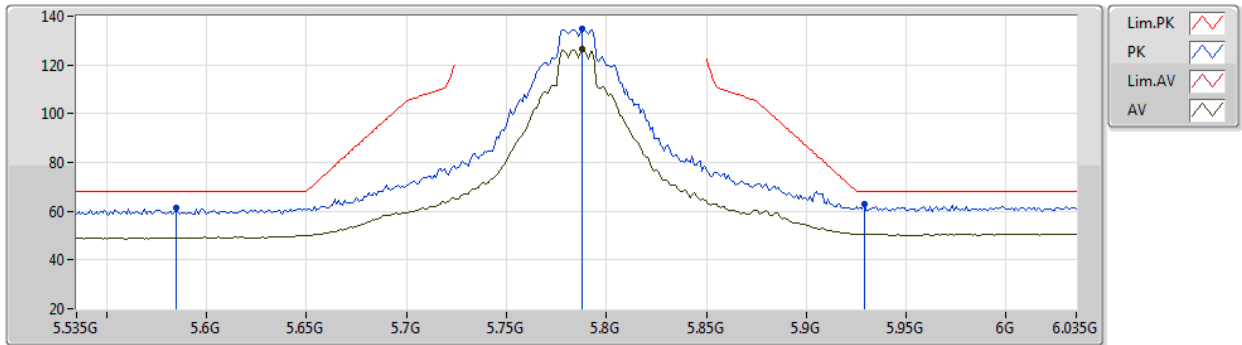
EUT_Z_2TX
Setting 27.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	61.82	68.20	-6.38	55.39	3	Vertical	1	1.85	-	34.25	7.12	34.94
PK	5.792G	133.69	Inf	-Inf	127.22	3	Vertical	1	1.85	-	34.20	7.20	34.93
AV	5.792G	125.55	Inf	-Inf	119.08	3	Vertical	1	1.85	-	34.20	7.20	34.93
PK	5.983G	62.17	68.20	-6.03	54.87	3	Vertical	1	1.85	-	34.65	7.57	34.92

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5785MHz_TX



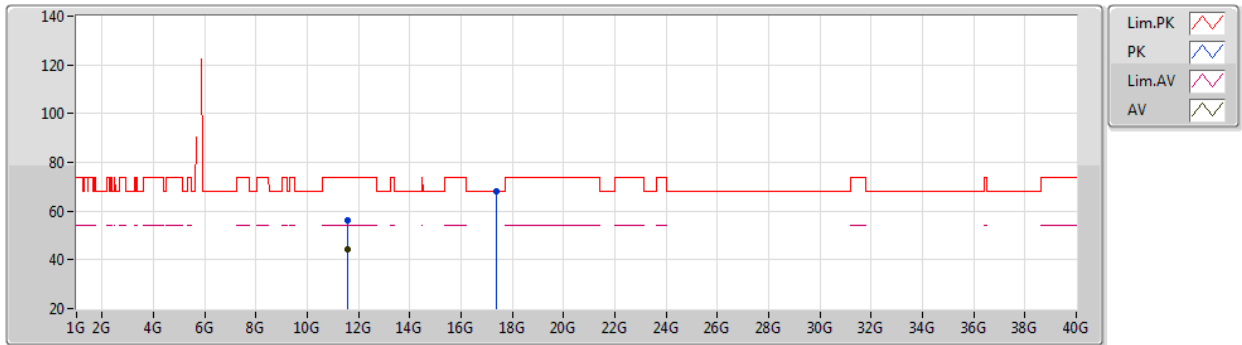
EUT_Z_2TX
Setting 27.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.585G	61.61	68.20	-6.59	55.13	3	Horizontal	1	1.87	-	34.31	7.11	34.94
PK	5.788G	134.59	Inf	-Inf	128.13	3	Horizontal	1	1.87	-	34.20	7.19	34.93
AV	5.788G	126.39	Inf	-Inf	119.93	3	Horizontal	1	1.87	-	34.20	7.19	34.93
PK	5.929G	62.84	68.20	-5.36	55.82	3	Horizontal	1	1.87	-	34.49	7.46	34.93

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5785MHz_TX



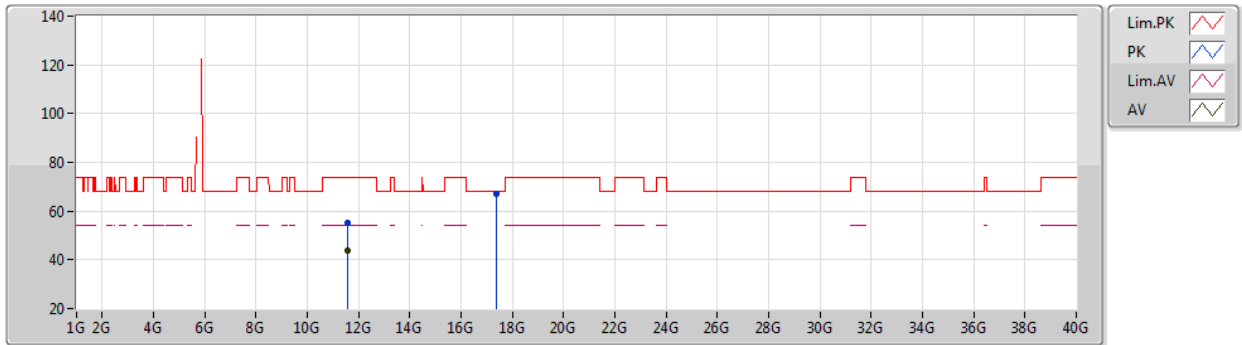
EUT_Z_2TX
Setting 27.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5665G	56.29	74.00	-17.71	42.29	3	Vertical	5	1.80	-	38.80	9.84	34.64
AV	11.57G	44.36	54.00	-9.64	30.37	3	Vertical	5	1.80	-	38.80	9.84	34.65
PK	17.3558G	67.99	68.20	-0.21	48.88	3	Vertical	360	1.75	-	41.75	11.95	34.59

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5785MHz_TX



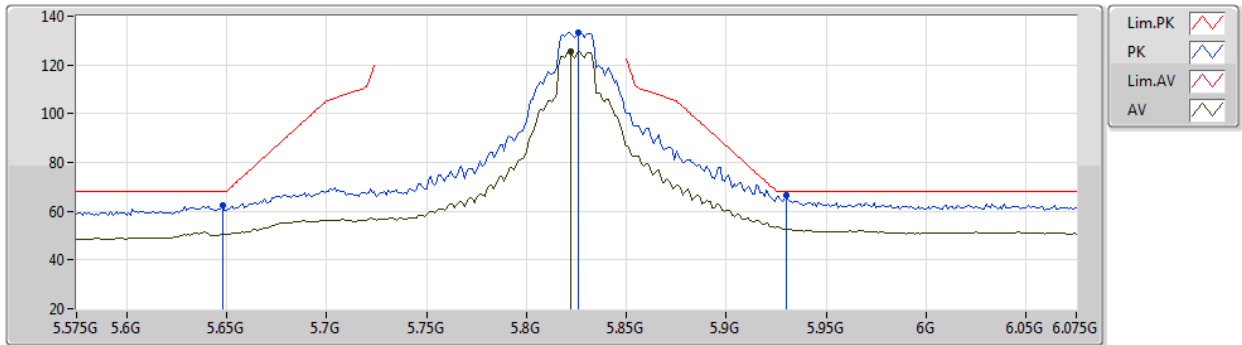
EUT Z_2TX
Setting 27.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5822G	55.25	74.00	-18.75	41.25	3	Horizontal	189	1.80	-	38.81	9.84	34.65
AV	11.57G	43.58	54.00	-10.42	29.59	3	Horizontal	189	1.80	-	38.80	9.84	34.65
PK	17.3612G	66.90	68.20	-1.30	47.76	3	Horizontal	356	1.91	-	41.78	11.95	34.59

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5825MHz_TX



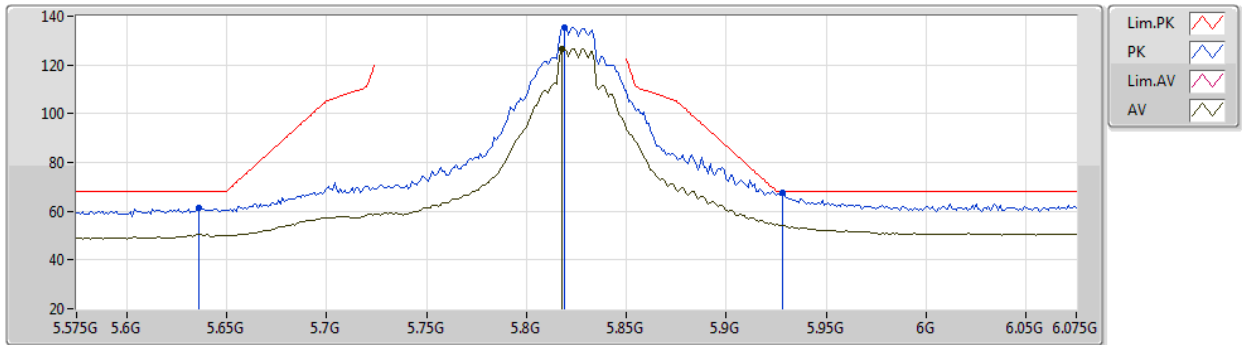
EUT_Z_2TX
Setting 27.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	62.20	68.20	-6.00	55.77	3	Vertical	0	1.87	-	34.25	7.12	34.94
PK	5.826G	133.24	Inf	-Inf	126.67	3	Vertical	0	1.87	-	34.25	7.25	34.93
AV	5.822G	125.33	Inf	-Inf	118.78	3	Vertical	0	1.87	-	34.24	7.24	34.93
PK	5.93G	66.70	68.20	-1.50	59.68	3	Vertical	0	1.87	-	34.49	7.46	34.93

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5825MHz_TX



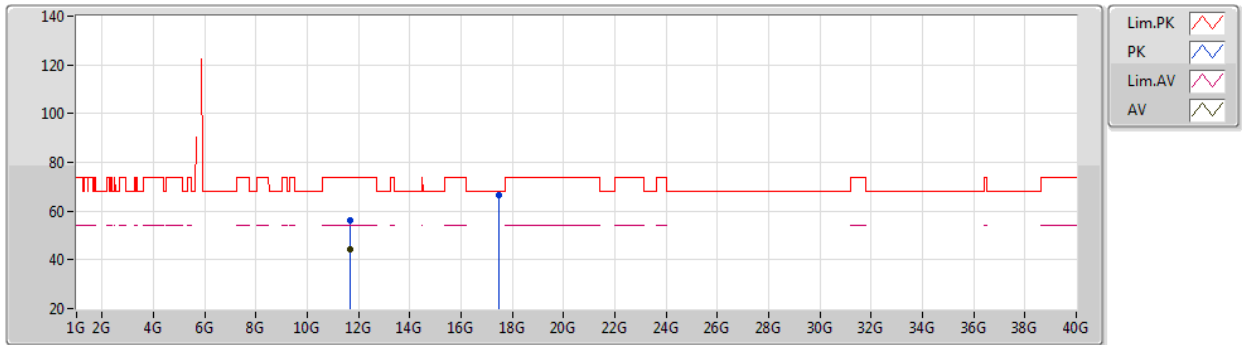
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Setting 27.5
03-A-M-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.636G	61.36	68.20	-6.84	54.92	3	Horizontal	0	1.90	-	34.26	7.12	34.94
PK	5.819G	135.27	Inf	-Inf	128.72	3	Horizontal	0	1.90	-	34.24	7.24	34.93
AV	5.818G	126.65	Inf	-Inf	120.10	3	Horizontal	0	1.90	-	34.24	7.24	34.93
PK	5.928G	67.41	68.20	-0.79	60.40	3	Horizontal	0	1.90	-	34.48	7.46	34.93

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5825MHz_TX



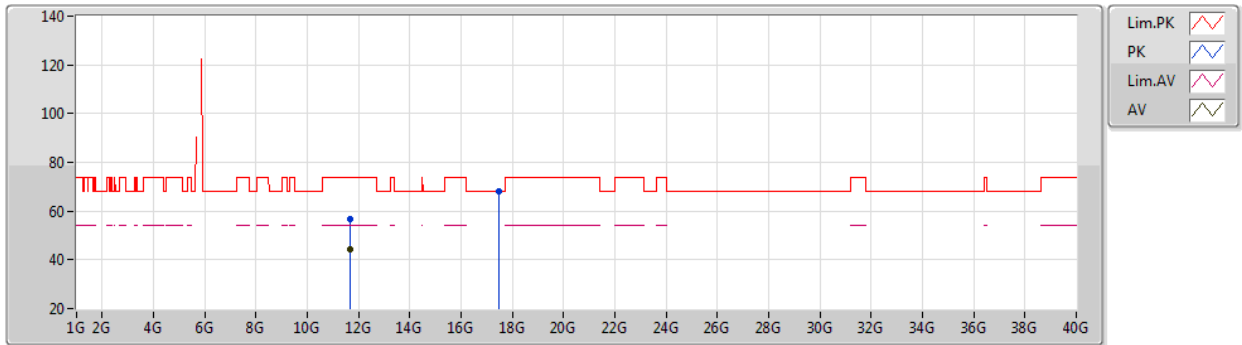
EUT_Z_2TX
Setting 27.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64969G	56.29	74.00	-17.71	42.26	3	Vertical	1	1.80	-	38.85	9.85	34.67
AV	11.64992G	44.08	54.00	-9.92	30.05	3	Vertical	1	1.80	-	38.85	9.85	34.67
PK	17.4613G	66.56	68.20	-1.64	46.86	3	Vertical	13	2.00	-	42.30	11.99	34.59

802.11a_Nss1,(6Mbps)_2TX

13/08/2020

5825MHz_TX



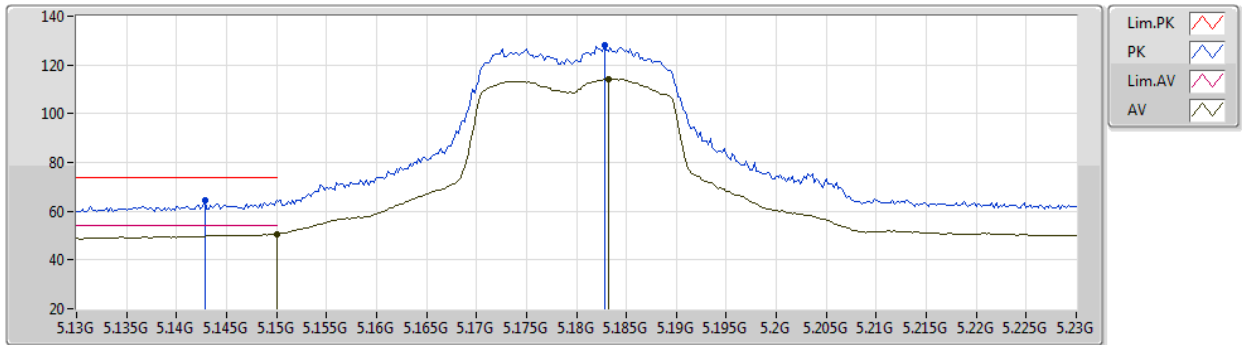
EUT_Z_2TX
Setting 27.5
03-A-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65119G	56.72	74.00	-17.28	42.68	3	Horizontal	187	1.69	-	38.86	9.85	34.67
AV	11.64988G	44.11	54.00	-9.89	30.08	3	Horizontal	187	1.69	-	38.85	9.85	34.67
PK	17.4811G	68.17	68.20	-0.03	48.36	3	Horizontal	0	1.93	-	42.40	12.00	34.59

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5180MHz_TX

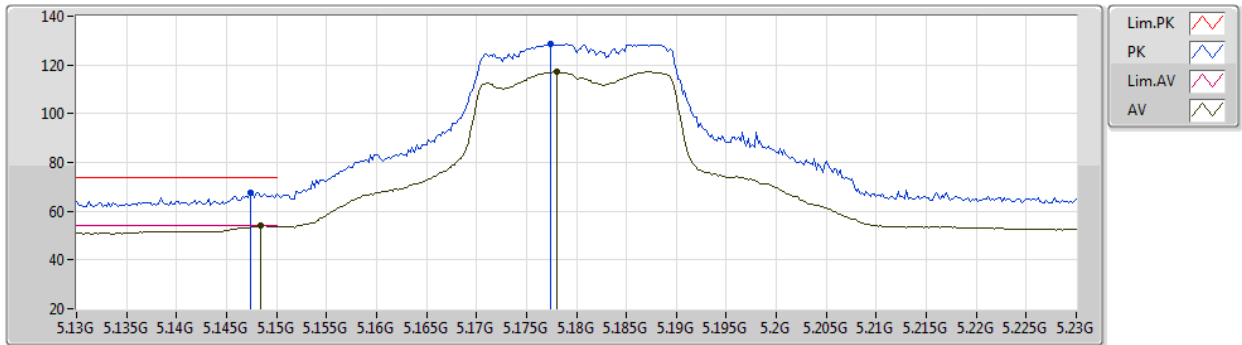

EUT_Z_2TX
Setting 15
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1428G	64.64	74.00	-9.36	59.32	3	Vertical	0	1.80	-	33.90	6.75	35.33
AV	5.15G	50.69	54.00	-3.31	45.37	3	Vertical	0	1.80	-	33.90	6.75	35.33
PK	5.1828G	127.88	Inf	-Inf	122.49	3	Vertical	0	1.80	-	33.90	6.78	35.29
AV	5.1832G	114.24	Inf	-Inf	108.85	3	Vertical	0	1.80	-	33.90	6.78	35.29

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5180MHz_TX



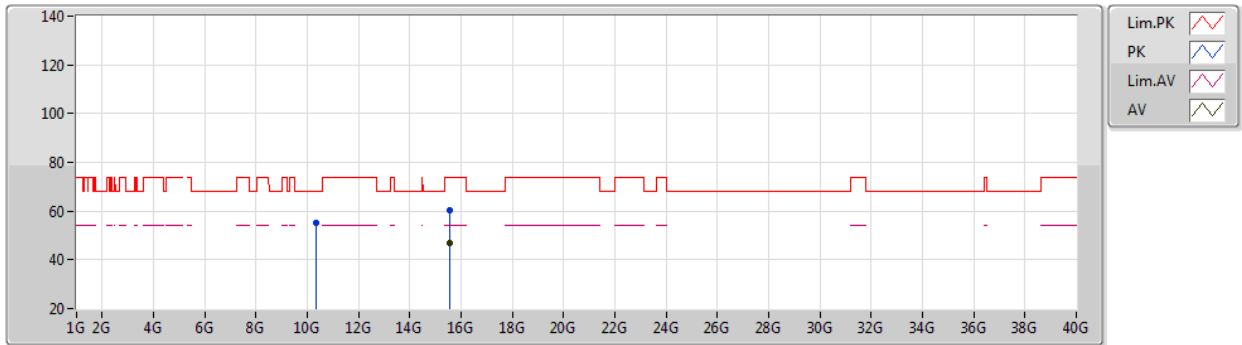
EUT_Z_2TX
Setting 15
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1474G	67.67	74.00	-6.33	62.35	3	Horizontal	0	1.87	-	33.90	6.75	35.33
AV	5.1484G	53.92	54.00	-0.08	48.60	3	Horizontal	0	1.87	-	33.90	6.75	35.33
PK	5.1774G	128.42	Inf	-Inf	123.03	3	Horizontal	0	1.87	-	33.90	6.78	35.29
AV	5.178G	117.29	Inf	-Inf	111.90	3	Horizontal	0	1.87	-	33.90	6.78	35.29

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5180MHz_TX

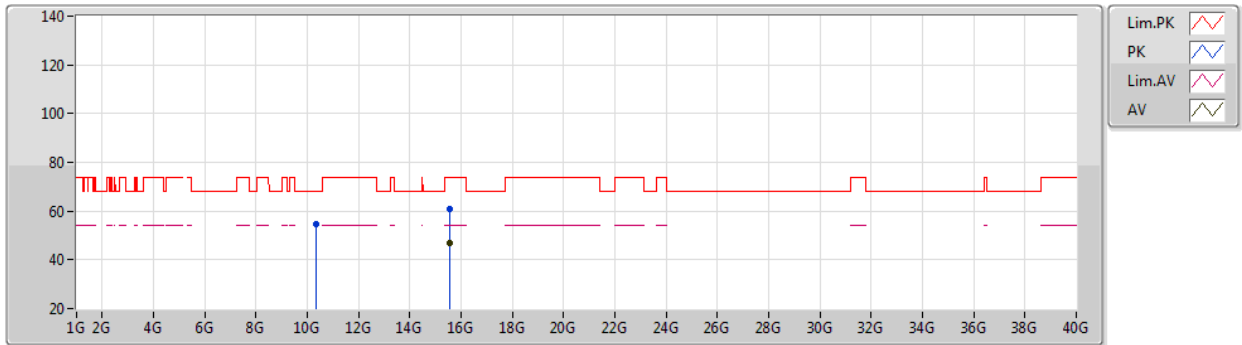

EUT_Z_2TX
Setting 15
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35923G	54.97	68.20	-13.23	41.92	3	Vertical	103	2.65	-	38.34	9.66	34.95
PK	15.53976G	60.27	74.00	-13.73	44.97	3	Vertical	122	2.07	-	38.88	11.20	34.78
AV	15.53966G	46.94	54.00	-7.06	31.64	3	Vertical	122	2.07	-	38.88	11.20	34.78

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5180MHz_TX

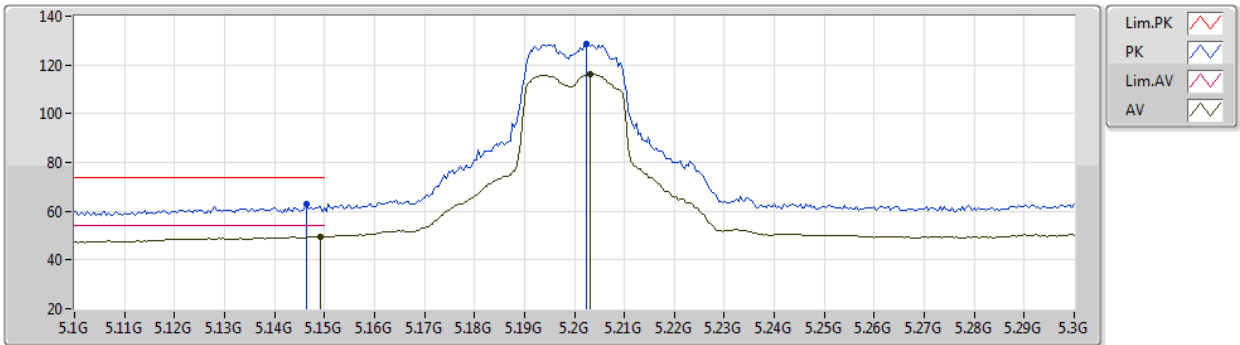

EUT Z_2TX
Setting 15
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35918G	54.85	68.20	-13.35	41.80	3	Horizontal	163	1.80	-	38.34	9.66	34.95
PK	15.53996G	60.74	74.00	-13.26	45.44	3	Horizontal	228	2.13	-	38.88	11.20	34.78
AV	15.53954G	46.96	54.00	-7.04	31.66	3	Horizontal	228	2.13	-	38.88	11.20	34.78

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5200MHz_TX



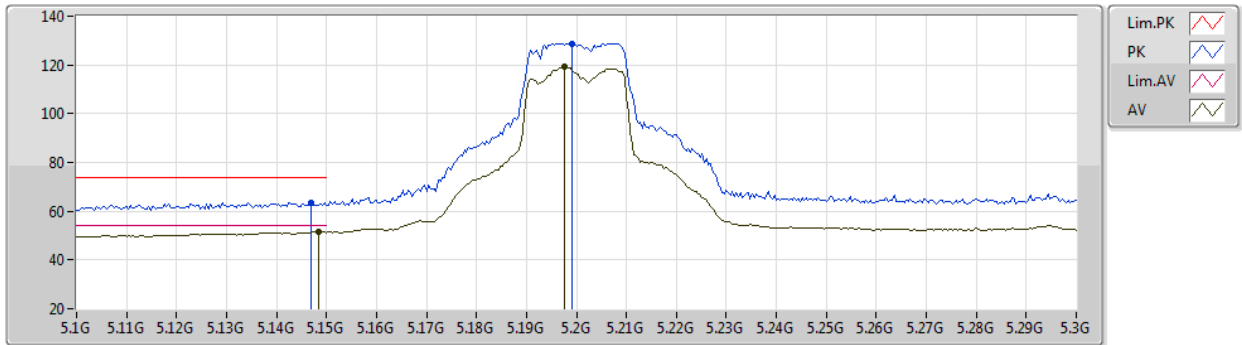
EUT_Z_2TX
Setting 16.5
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.1464G	62.74	74.00	-11.26	57.42	3	Vertical	360	1.88	-	33.90	6.75	35.33	
AV	5.1492G	49.55	54.00	-4.45	44.23	3	Vertical	360	1.88	-	33.90	6.75	35.33	
PK	5.2024G	128.39	Inf	-Inf	122.94	3	Vertical	360	1.88	-	33.91	6.81	35.27	
AV	5.2032G	116.17	Inf	-Inf	110.72	3	Vertical	360	1.88	-	33.91	6.81	35.27	

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5200MHz_TX

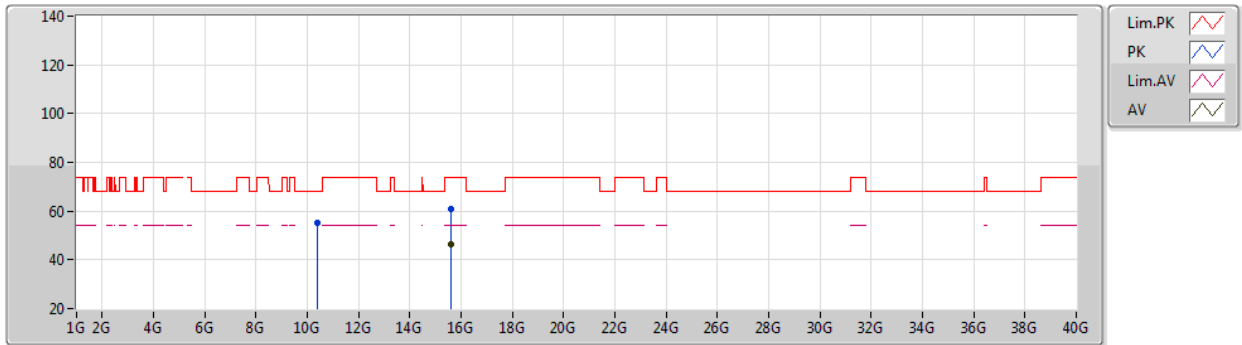

EUT Z_2TX
Setting 16.5
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1468G	63.60	74.00	-10.40	58.28	3	Horizontal	0	1.88	-	33.90	6.75	35.33
AV	5.1484G	51.66	54.00	-2.34	46.34	3	Horizontal	0	1.88	-	33.90	6.75	35.33
PK	5.1992G	128.57	Inf	-Inf	123.14	3	Horizontal	0	1.88	-	33.90	6.80	35.27
AV	5.1976G	119.07	Inf	-Inf	113.64	3	Horizontal	0	1.88	-	33.90	6.80	35.27

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5200MHz_TX

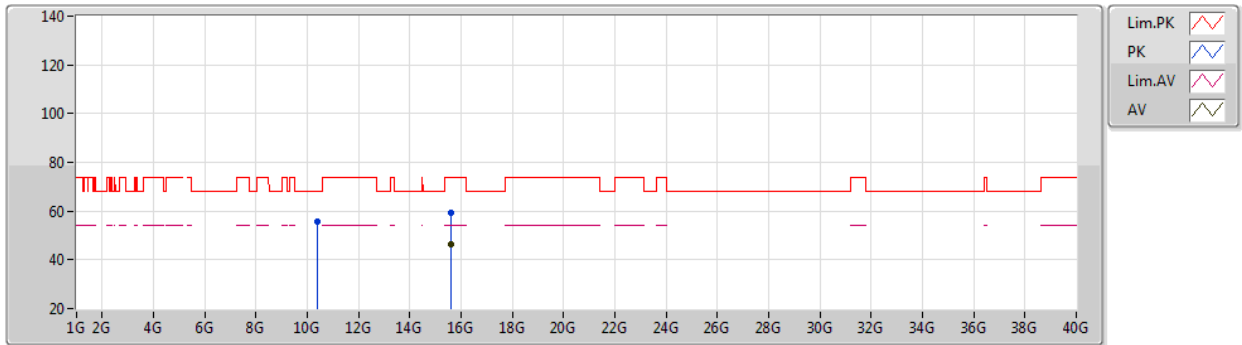

EUT Z_2TX
Setting 16.5
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39926G	55.07	68.20	-13.13	41.99	3	Vertical	241	2.94	-	38.34	9.66	34.92
PK	15.5956G	60.76	74.00	-13.24	45.67	3	Vertical	289	1.60	-	38.71	11.23	34.85
AV	15.59614G	46.37	54.00	-7.63	31.28	3	Vertical	289	1.60	-	38.71	11.23	34.85

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5200MHz_TX

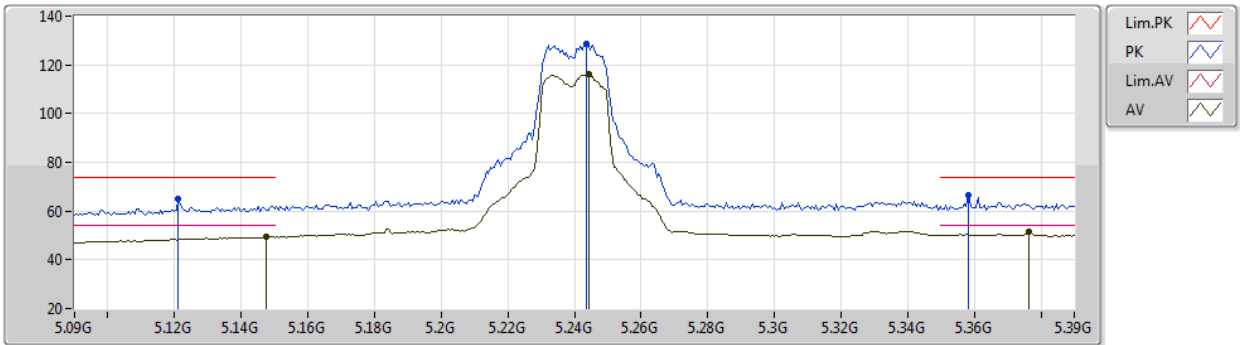

EUT_Z_2TX
Setting 16.5
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39957G	55.56	68.20	-12.64	42.48	3	Horizontal	38	2.72	-	38.34	9.66	34.92
PK	15.59796G	59.54	74.00	-14.46	44.45	3	Horizontal	2	2.66	-	38.71	11.23	34.85
AV	15.59922G	46.44	54.00	-7.56	31.36	3	Horizontal	2	2.66	-	38.70	11.23	34.85

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5240MHz_TX

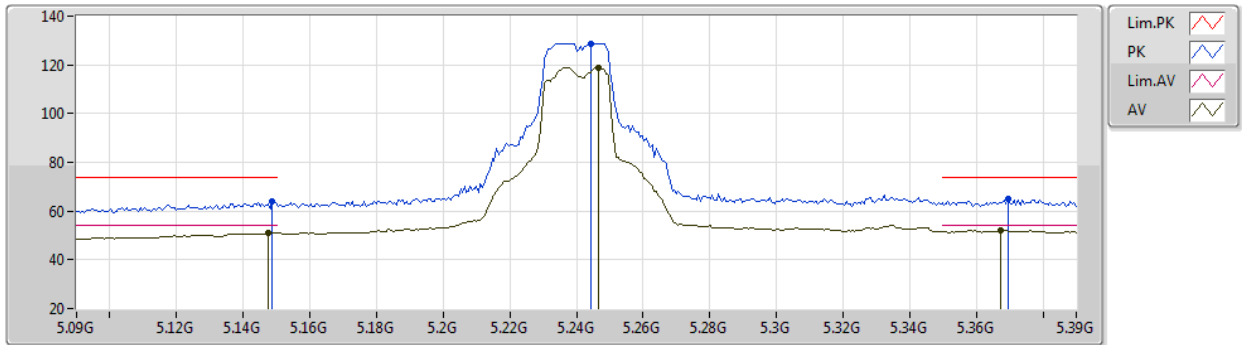

EUT Z_2TX
Setting 16
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1212G	65.12	74.00	-8.88	59.85	3	Vertical	0	1.88	-	33.90	6.73	35.36
AV	5.1476G	49.48	54.00	-4.52	44.16	3	Vertical	0	1.88	-	33.90	6.75	35.33
PK	5.2436G	128.45	Inf	-Inf	122.74	3	Vertical	0	1.88	-	34.03	6.90	35.22
AV	5.2442G	115.97	Inf	-Inf	110.26	3	Vertical	0	1.88	-	34.03	6.90	35.22
PK	5.3582G	66.61	74.00	-7.39	60.32	3	Vertical	0	1.88	-	34.26	7.12	35.09
AV	5.3762G	51.39	54.00	-2.61	45.02	3	Vertical	0	1.88	-	34.28	7.16	35.07

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5240MHz_TX



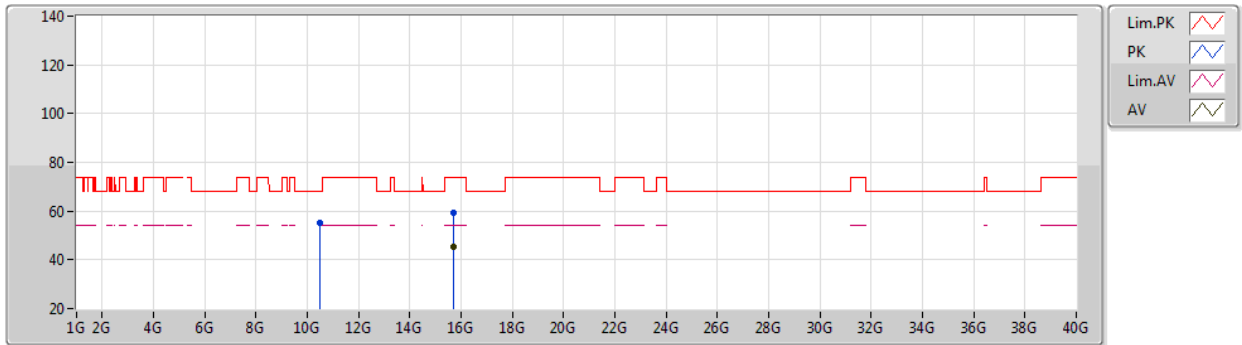
EUT_Z_2TX
Setting 16
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	64.00	74.00	-10.00	58.68	3	Horizontal	360	1.88	-	33.90	6.75	35.33
AV	5.1476G	50.96	54.00	-3.04	45.64	3	Horizontal	360	1.88	-	33.90	6.75	35.33
PK	5.2442G	128.76	Inf	-Inf	123.05	3	Horizontal	360	1.88	-	34.03	6.90	35.22
AV	5.2466G	118.80	Inf	-Inf	113.07	3	Horizontal	360	1.88	-	34.04	6.90	35.21
PK	5.3696G	64.98	74.00	-9.02	58.63	3	Horizontal	360	1.88	-	34.27	7.15	35.07
AV	5.3672G	52.14	54.00	-1.86	45.81	3	Horizontal	360	1.88	-	34.27	7.14	35.08

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5240MHz_TX

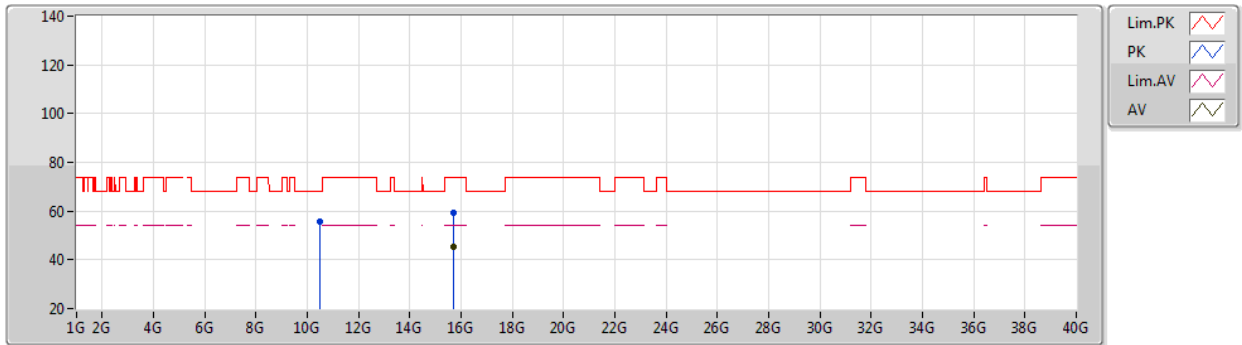

EUT Z_2TX
Setting 16
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47956G	54.96	68.20	-13.24	41.80	3	Vertical	213	2.01	-	38.35	9.68	34.87
PK	15.72314G	59.17	74.00	-14.83	44.56	3	Vertical	143	1.30	-	38.33	11.28	35.00
AV	15.71898G	45.28	54.00	-8.72	30.65	3	Vertical	143	1.30	-	38.34	11.28	34.99

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5240MHz_TX

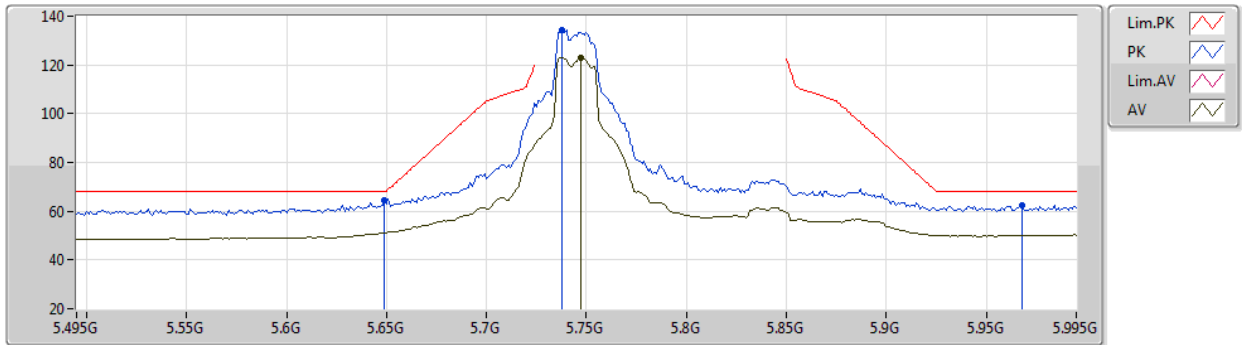

EUT_Z_2TX
Setting 16
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47906G	55.55	68.20	-12.65	42.39	3	Horizontal	258	2.57	-	38.35	9.68	34.87
PK	15.718G	59.33	74.00	-14.67	44.69	3	Horizontal	70	2.81	-	38.35	11.28	34.99
AV	15.71606G	45.18	54.00	-8.82	30.54	3	Horizontal	70	2.81	-	38.35	11.28	34.99

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5745MHz_TX



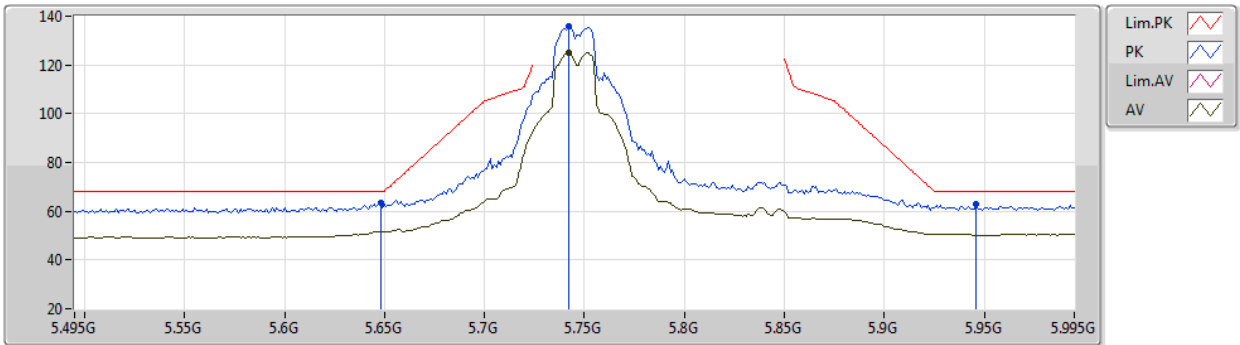
EUT Z_2TX
Setting 23
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.649G	64.71	68.20	-3.49	58.28	3	Vertical	0	1.86	-	34.25	7.12	34.94
PK	5.738G	134.24	Inf	-Inf	127.81	3	Vertical	0	1.86	-	34.20	7.17	34.94
AV	5.747G	123.06	Inf	-Inf	116.63	3	Vertical	0	1.86	-	34.20	7.17	34.94
PK	5.968G	62.57	68.20	-5.63	55.35	3	Vertical	0	1.86	-	34.60	7.54	34.92

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5745MHz_TX



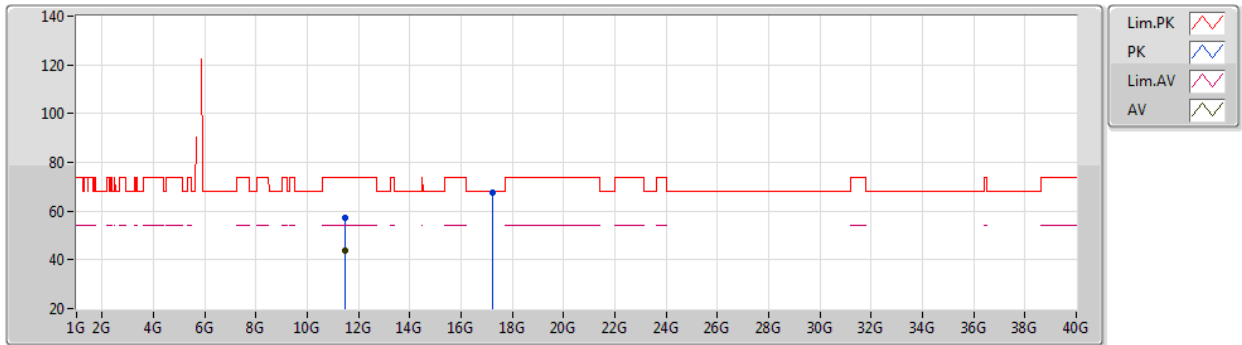
EUT_Z_2TX
Setting 23
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	63.22	68.20	-4.98	56.79	3	Horizontal	0	1.87	-	34.25	7.12	34.94
PK	5.742G	135.70	Inf	-Inf	129.27	3	Horizontal	0	1.87	-	34.20	7.17	34.94
AV	5.742G	124.97	Inf	-Inf	118.54	3	Horizontal	0	1.87	-	34.20	7.17	34.94
PK	5.946G	62.81	68.20	-5.39	55.71	3	Horizontal	0	1.87	-	34.54	7.49	34.93

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5745MHz_TX

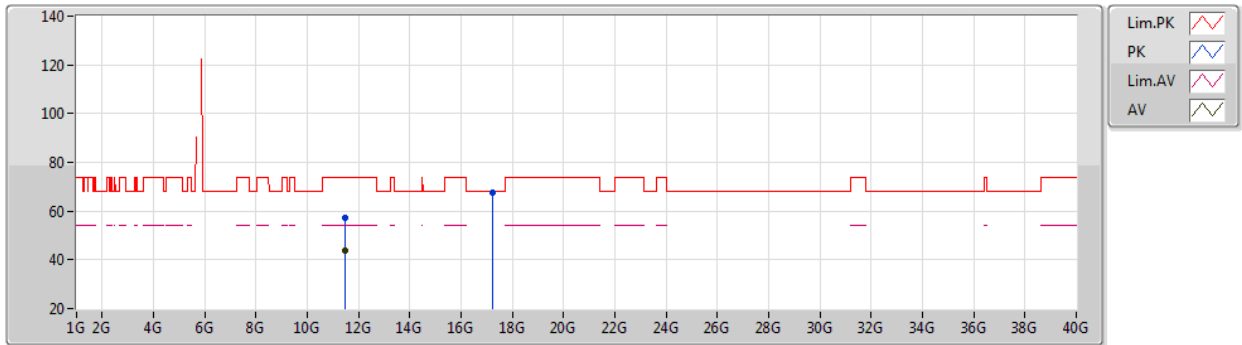

EUT Z_2TX
Setting 23
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4908G	57.03	74.00	-16.97	43.08	3	Vertical	5	1.90	-	38.74	9.83	34.62
AV	11.49G	43.74	54.00	-10.26	29.79	3	Vertical	5	1.90	-	38.74	9.83	34.62
PK	17.23318G	67.59	68.20	-0.61	49.17	3	Vertical	360	1.80	-	41.11	11.90	34.59

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5745MHz_TX

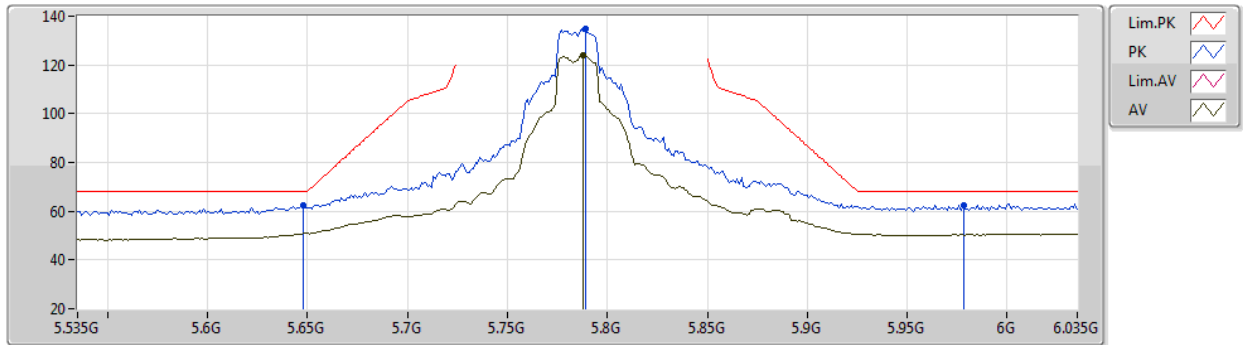

EUT Z_2TX
Setting 23
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49016G	57.27	74.00	-16.73	43.32	3	Horizontal	1	1.90	-	38.74	9.83	34.62
AV	11.49G	43.60	54.00	-10.40	29.65	3	Horizontal	1	1.90	-	38.74	9.83	34.62
PK	17.235G	67.82	68.20	-0.38	49.39	3	Horizontal	0	1.82	-	41.12	11.90	34.59

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5785MHz_TX



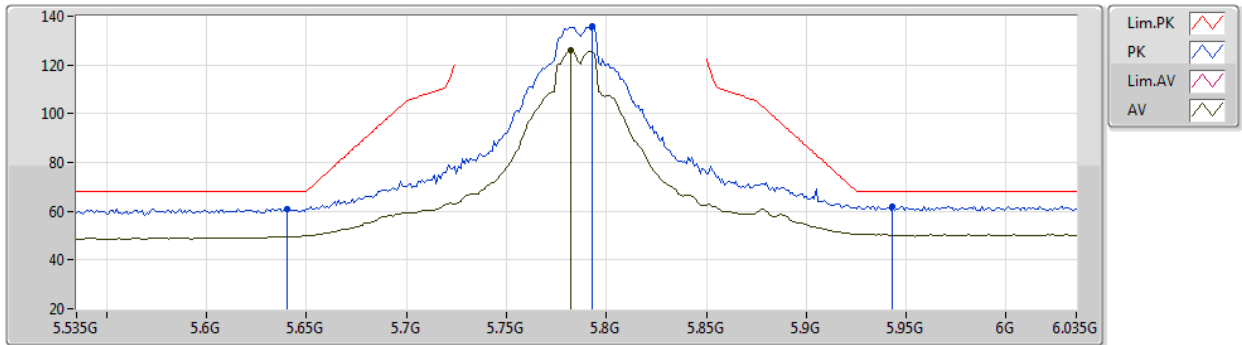
EUT_Z_2TX
Setting 26
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	62.42	68.20	-5.78	55.99	3	Vertical	0	1.85	-	34.25	7.12	34.94
PK	5.789G	135.00	Inf	-Inf	128.54	3	Vertical	0	1.85	-	34.20	7.19	34.93
AV	5.788G	124.02	Inf	-Inf	117.56	3	Vertical	0	1.85	-	34.20	7.19	34.93
PK	5.978G	62.44	68.20	-5.76	55.17	3	Vertical	0	1.85	-	34.63	7.56	34.92

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5785MHz_TX

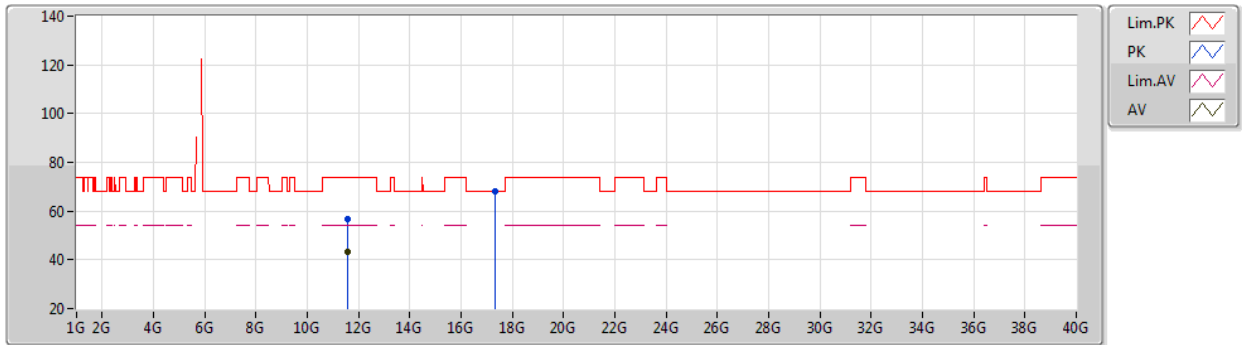

EUT_Z_2TX
Setting 26
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.64G	60.98	68.20	-7.22	54.54	3	Horizontal	0	1.90	-	34.26	7.12	34.94
PK	5.793G	135.64	Inf	-Inf	129.17	3	Horizontal	0	1.90	-	34.20	7.20	34.93
AV	5.782G	125.79	Inf	-Inf	119.33	3	Horizontal	0	1.90	-	34.20	7.19	34.93
PK	5.943G	62.10	68.20	-6.10	55.01	3	Horizontal	0	1.90	-	34.53	7.49	34.93

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5785MHz_TX



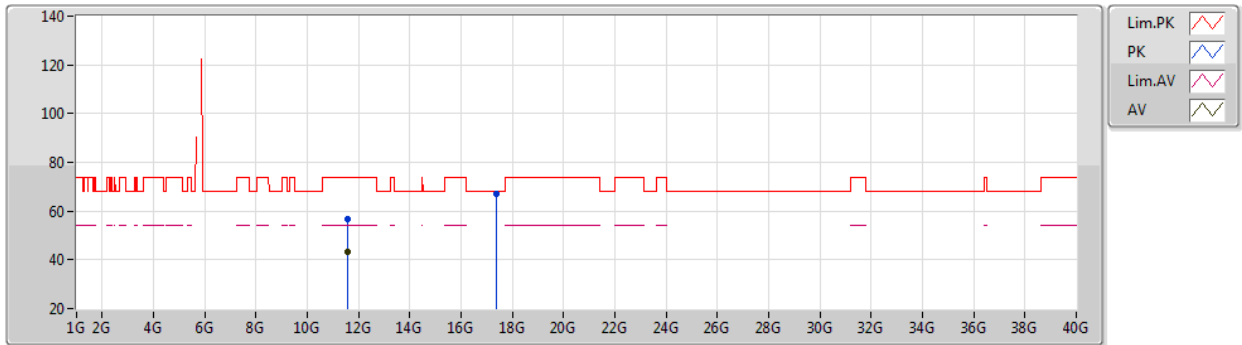
EUT Z_2TX
Setting 26
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57752G	56.77	74.00	-17.23	42.78	3	Vertical	354	1.80	-	38.80	9.84	34.65
AV	11.57512G	43.40	54.00	-10.60	29.41	3	Vertical	354	1.80	-	38.80	9.84	34.65
PK	17.3403G	67.90	68.20	-0.30	48.88	3	Vertical	360	1.91	-	41.67	11.94	34.59

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5785MHz_TX

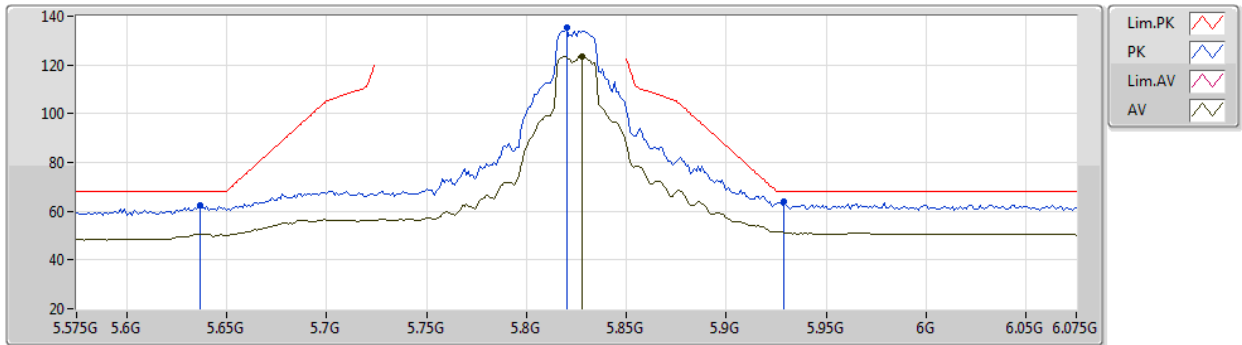

EUT Z_2TX
Setting 26
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56704G	56.55	74.00	-17.45	42.55	3	Horizontal	0	1.88	-	38.80	9.84	34.64
AV	11.56352G	43.11	54.00	-10.89	29.12	3	Horizontal	0	1.88	-	38.79	9.84	34.64
PK	17.35458G	67.31	68.20	-0.89	48.21	3	Horizontal	357	1.82	-	41.74	11.95	34.59

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5825MHz_TX

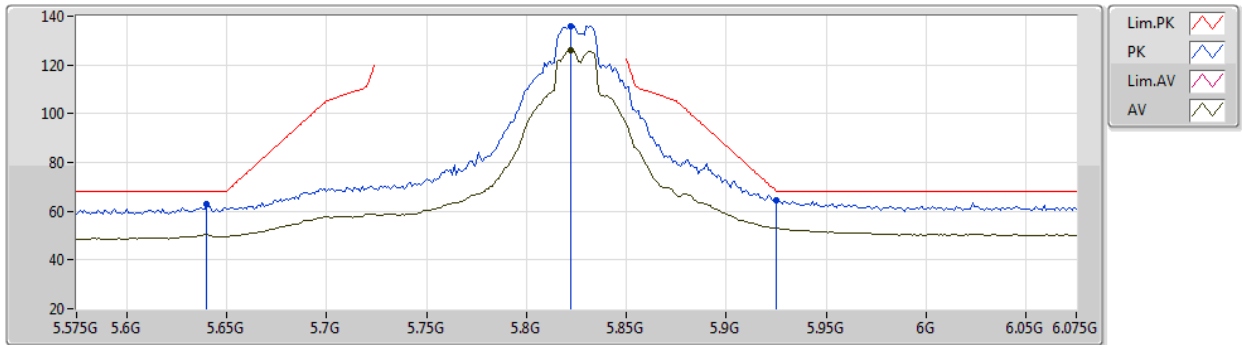

EUT_Z_2TX
Setting 26
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.637G	62.44	68.20	-5.76	56.00	3	Vertical	0	1.80	-	34.26	7.12	34.94
PK	5.82G	135.42	Inf	-Inf	128.87	3	Vertical	0	1.80	-	34.24	7.24	34.93
AV	5.828G	123.69	Inf	-Inf	117.10	3	Vertical	0	1.80	-	34.26	7.26	34.93
PK	5.929G	63.96	68.20	-4.24	56.94	3	Vertical	0	1.80	-	34.49	7.46	34.93

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5825MHz_TX

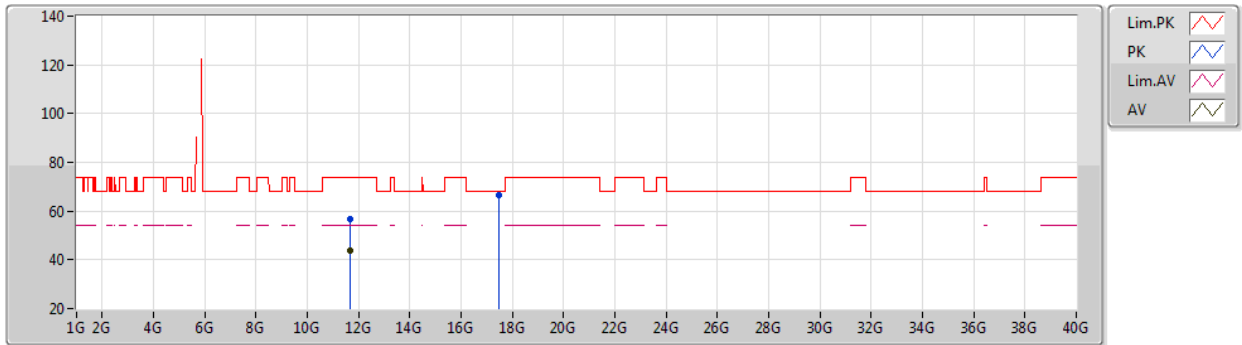

EUT_Z_2TX
Setting 26
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.64G	62.86	68.20	-5.34	56.42	3	Horizontal	0	1.86	-	34.26	7.12	34.94
PK	5.822G	136.12	Inf	-Inf	129.57	3	Horizontal	0	1.86	-	34.24	7.24	34.93
AV	5.822G	126.22	Inf	-Inf	119.67	3	Horizontal	0	1.86	-	34.24	7.24	34.93
PK	5.925G	64.44	68.20	-3.76	57.44	3	Horizontal	0	1.86	-	34.48	7.45	34.93

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5825MHz_TX



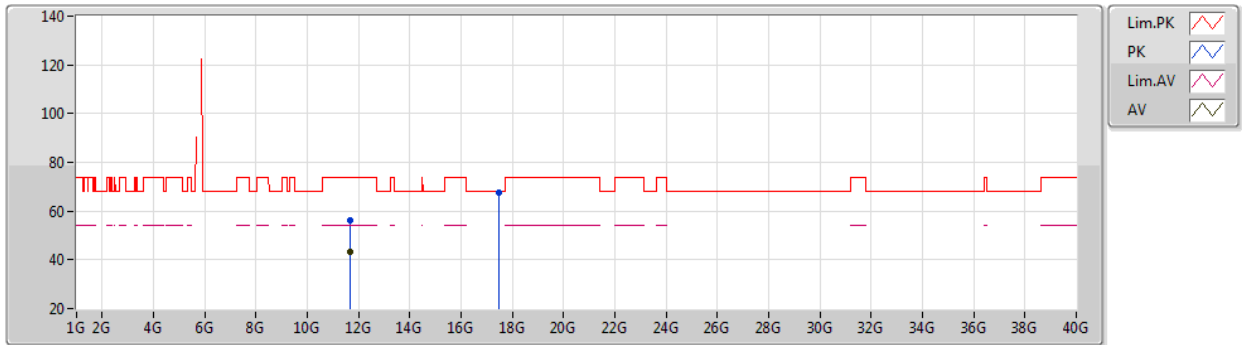
EUT_Z_2TX
Setting 26
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65014G	56.67	74.00	-17.33	42.63	3	Vertical	231	1.71	-	38.86	9.85	34.67
AV	11.64989G	43.89	54.00	-10.11	29.86	3	Vertical	231	1.71	-	38.85	9.85	34.67
PK	17.48116G	66.37	68.20	-1.83	46.56	3	Vertical	1	1.80	-	42.40	12.00	34.59

802.11ax HEW20_Nss1,(MCS0)_2TX

13/08/2020

5825MHz_TX

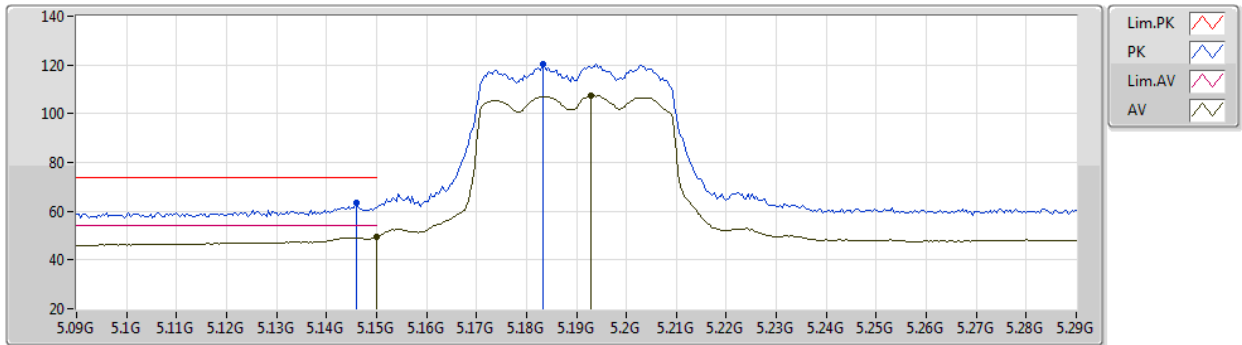

EUT_Z_2TX
Setting 26
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65008G	56.32	74.00	-17.68	42.28	3	Horizontal	187	1.80	-	38.86	9.85	34.67
AV	11.64994G	43.31	54.00	-10.69	29.28	3	Horizontal	187	1.80	-	38.85	9.85	34.67
PK	17.47794G	67.75	68.20	-0.45	47.95	3	Horizontal	0	1.94	-	42.39	12.00	34.59

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5190MHz_TX



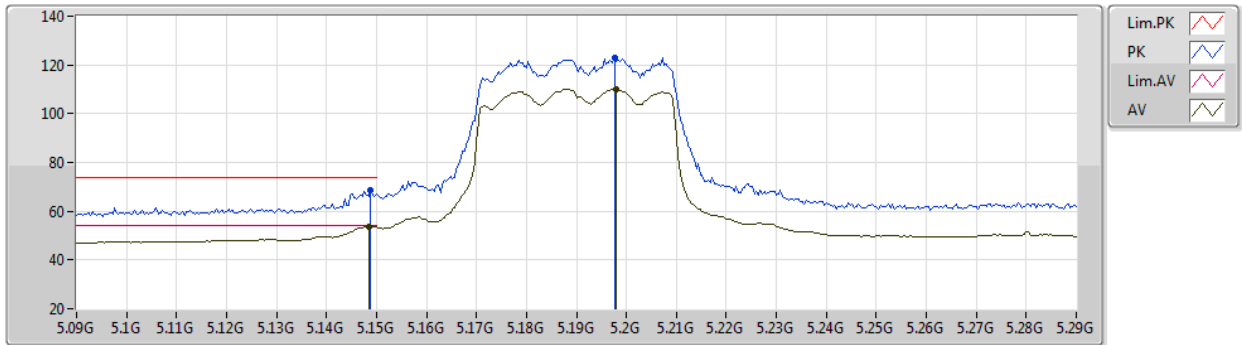
EUT_Z_2TX
Setting 11
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	63.55	74.00	-10.45	58.23	3	Vertical	0	1.89	-	33.90	6.75	35.33
AV	5.15G	49.43	54.00	-4.57	44.11	3	Vertical	0	1.89	-	33.90	6.75	35.33
PK	5.1832G	120.47	Inf	-Inf	115.08	3	Vertical	0	1.89	-	33.90	6.78	35.29
AV	5.1928G	107.33	Inf	-Inf	101.92	3	Vertical	0	1.89	-	33.90	6.79	35.28

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5190MHz_TX



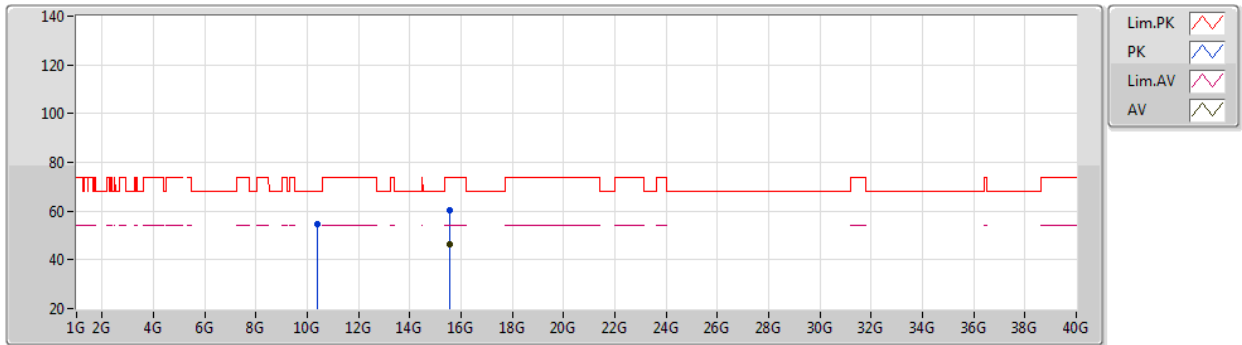
EUT_Z_2TX
Setting 11
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	68.41	74.00	-5.59	63.09	3	Horizontal	0	1.88	-	33.90	6.75	35.33
AV	5.1484G	53.82	54.00	-0.18	48.50	3	Horizontal	0	1.88	-	33.90	6.75	35.33
PK	5.1976G	122.73	Inf	-Inf	117.30	3	Horizontal	0	1.88	-	33.90	6.80	35.27
AV	5.198G	110.08	Inf	-Inf	104.65	3	Horizontal	0	1.88	-	33.90	6.80	35.27

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5190MHz_TX

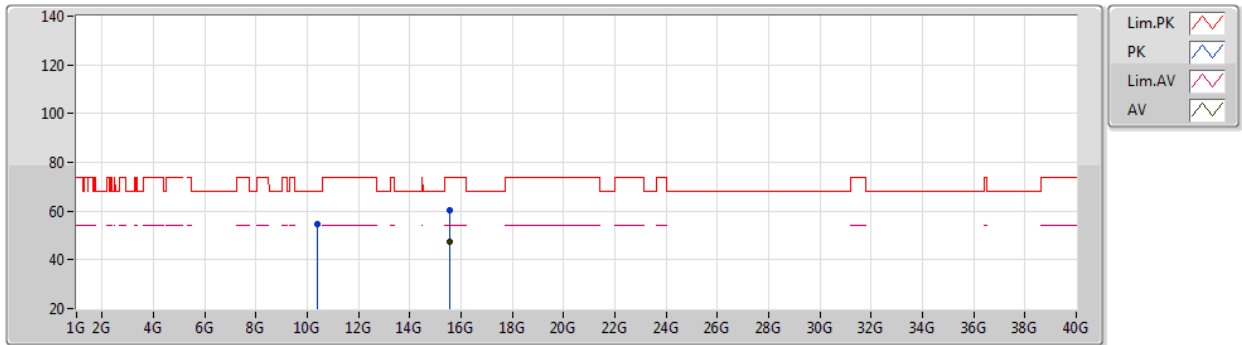

EUT Z_2TX
Setting 11
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37944G	54.78	68.20	-13.42	41.72	3	Vertical	316	2.70	-	38.34	9.66	34.94
PK	15.5657G	60.57	74.00	-13.43	45.37	3	Vertical	168	2.02	-	38.80	11.21	34.81
AV	15.57122G	46.62	54.00	-7.38	31.43	3	Vertical	168	2.02	-	38.79	11.22	34.82

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5190MHz_TX

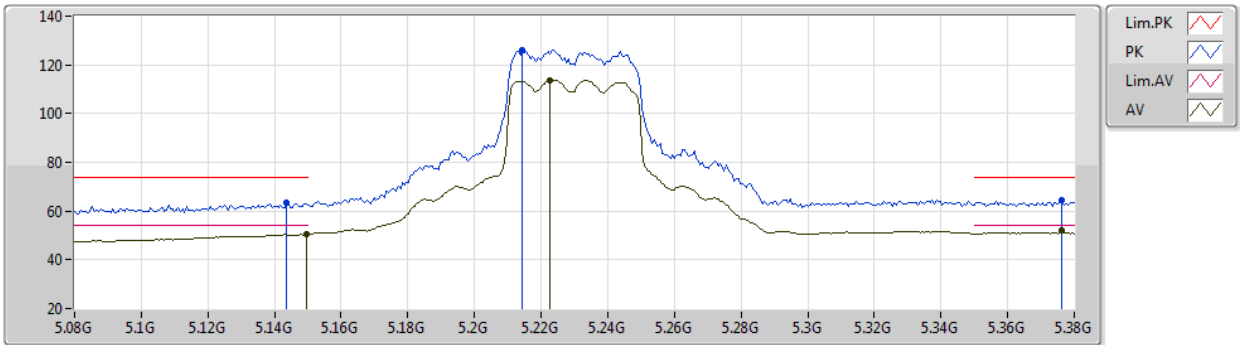

EUT_Z_2TX
Setting 11
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37937G	54.63	68.20	-13.57	41.57	3	Horizontal	147	1.28	-	38.34	9.66	34.94
PK	15.56982G	60.58	74.00	-13.42	45.39	3	Horizontal	305	2.47	-	38.79	11.22	34.82
AV	15.5683G	47.21	54.00	-6.79	32.01	3	Horizontal	305	2.47	-	38.80	11.21	34.81

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5230MHz_TX



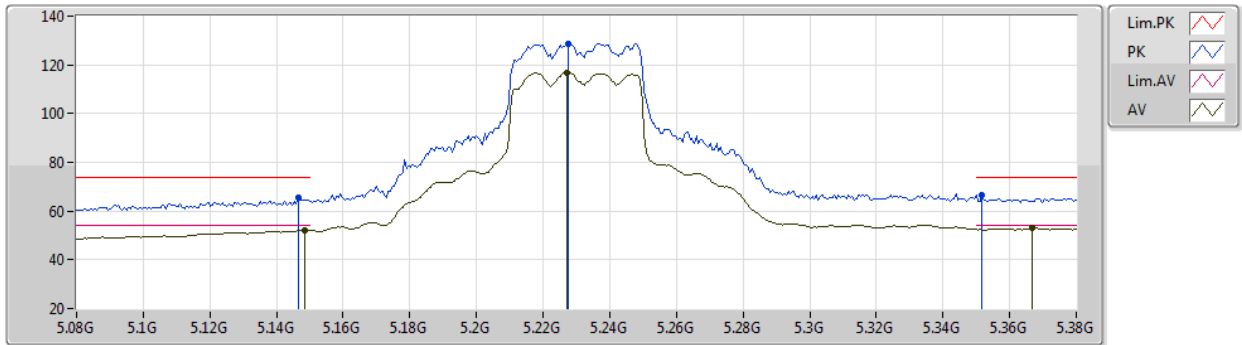
EUT_Z_2TX
Setting 16.5
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1436G	63.27	74.00	-10.73	57.95	3	Vertical	0	1.87	-	33.90	6.75	35.33
AV	5.1496G	50.49	54.00	-3.51	45.17	3	Vertical	0	1.87	-	33.90	6.75	35.33
PK	5.2144G	126.19	Inf	-Inf	120.67	3	Vertical	0	1.87	-	33.94	6.83	35.25
AV	5.2228G	113.80	Inf	-Inf	108.22	3	Vertical	0	1.87	-	33.97	6.85	35.24
PK	5.3764G	64.25	74.00	-9.75	57.88	3	Vertical	0	1.87	-	34.28	7.16	35.07
AV	5.3764G	51.90	54.00	-2.10	45.53	3	Vertical	0	1.87	-	34.28	7.16	35.07

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5230MHz_TX

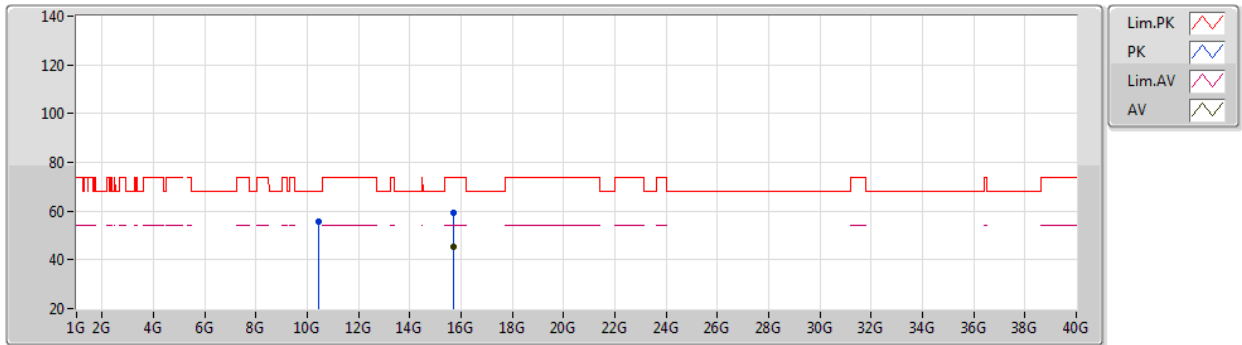

EUT_Z_2TX
Setting 16.5
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1466G	65.39	74.00	-8.61	60.07	3	Horizontal	0	1.90	-	33.90	6.75	35.33
AV	5.1484G	52.28	54.00	-1.72	46.96	3	Horizontal	0	1.90	-	33.90	6.75	35.33
PK	5.2276G	128.58	Inf	-Inf	122.98	3	Horizontal	0	1.90	-	33.98	6.86	35.24
AV	5.227G	116.73	Inf	-Inf	111.13	3	Horizontal	0	1.90	-	33.98	6.86	35.24
PK	5.3518G	66.72	74.00	-7.28	60.45	3	Horizontal	0	1.90	-	34.25	7.11	35.09
AV	5.3668G	52.97	54.00	-1.03	46.64	3	Horizontal	0	1.90	-	34.27	7.14	35.08

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5230MHz_TX

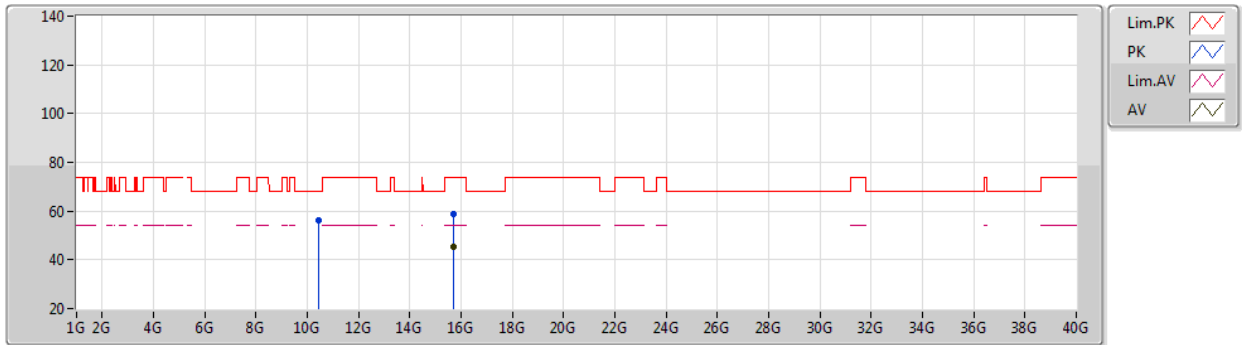

EUT_Z_2TX
Setting 16.5
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4599G	55.53	68.20	-12.67	42.39	3	Vertical	209	1.79	-	38.35	9.67	34.88
PK	15.68862G	59.12	74.00	-14.88	44.38	3	Vertical	314	1.29	-	38.43	11.27	34.96
AV	15.68538G	45.34	54.00	-8.66	30.59	3	Vertical	314	1.29	-	38.44	11.26	34.95

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5230MHz_TX

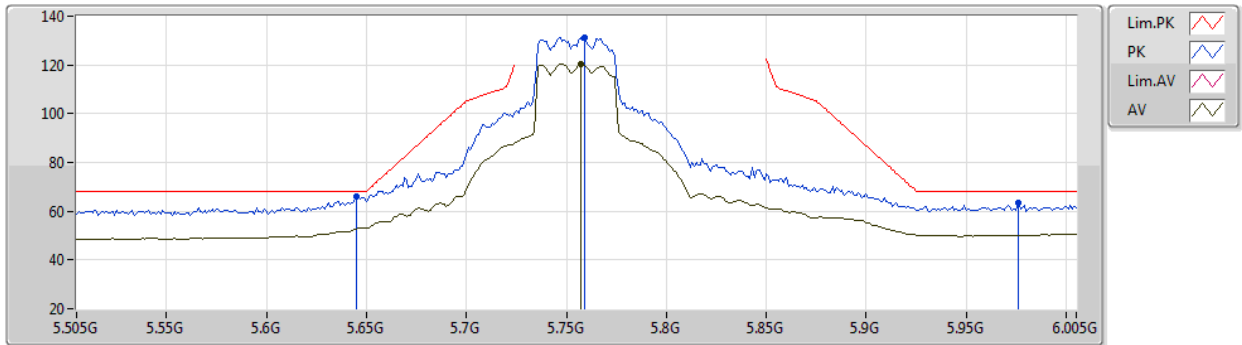

EUT Z_2TX
Setting 16.5
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4603G	56.24	68.20	-11.96	43.10	3	Horizontal	52	2.75	-	38.35	9.67	34.88
PK	15.69372G	59.02	74.00	-14.98	44.29	3	Horizontal	109	1.92	-	38.42	11.27	34.96
AV	15.68696G	45.48	54.00	-8.52	30.72	3	Horizontal	109	1.92	-	38.44	11.27	34.95

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5755MHz_TX



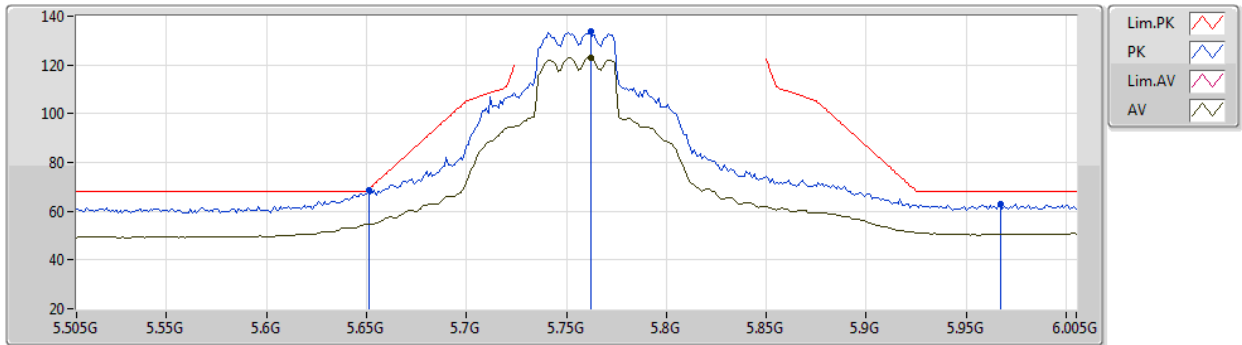
EUT_Z_2TX
Setting 22.5
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.645G	65.80	68.20	-2.40	59.36	3	Vertical	0	1.86	-	34.26	7.12	34.94
PK	5.759G	131.25	Inf	-Inf	124.80	3	Vertical	0	1.86	-	34.20	7.18	34.93
AV	5.757G	120.30	Inf	-Inf	113.85	3	Vertical	0	1.86	-	34.20	7.18	34.93
PK	5.976G	63.41	68.20	-4.79	56.15	3	Vertical	0	1.86	-	34.63	7.55	34.92

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5755MHz_TX

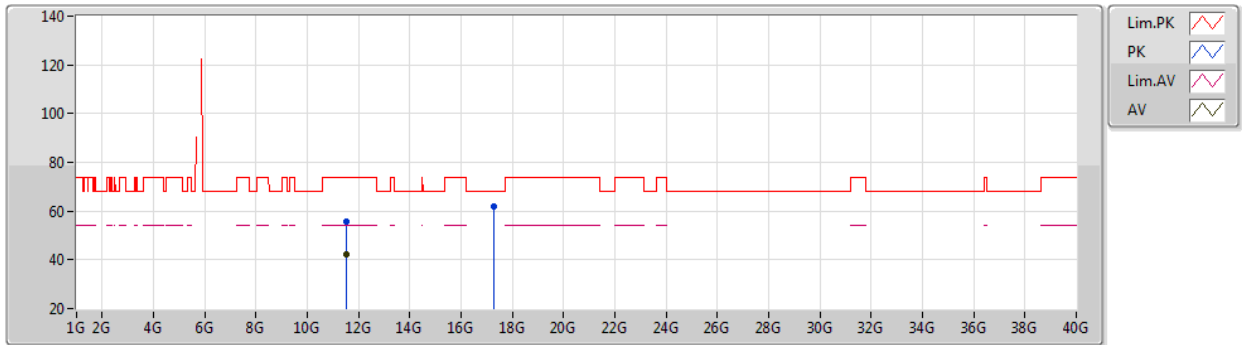

EUT Z_2TX
Setting 22.5
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.651G	68.77	68.94	-0.17	62.33	3	Horizontal	0	1.88	-	34.25	7.13	34.94
PK	5.762G	133.88	Inf	-Inf	127.43	3	Horizontal	0	1.88	-	34.20	7.18	34.93
AV	5.762G	122.94	Inf	-Inf	116.49	3	Horizontal	0	1.88	-	34.20	7.18	34.93
PK	5.967G	62.90	68.20	-5.30	55.69	3	Horizontal	0	1.88	-	34.60	7.53	34.92

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5755MHz_TX



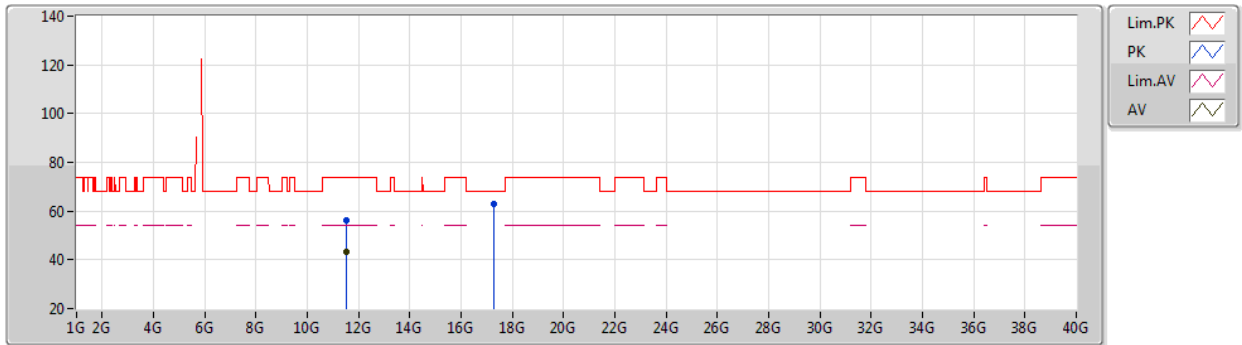
EUT Z_2TX
Setting 22.5
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.52834G	55.56	74.00	-18.44	41.59	3	Vertical	100	2.25	-	38.77	9.83	34.63
AV	11.51186G	42.15	54.00	-11.85	28.19	3	Vertical	100	2.25	-	38.76	9.83	34.63
PK	17.27572G	62.06	68.20	-6.14	43.40	3	Vertical	360	1.80	-	41.33	11.92	34.59

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5755MHz_TX

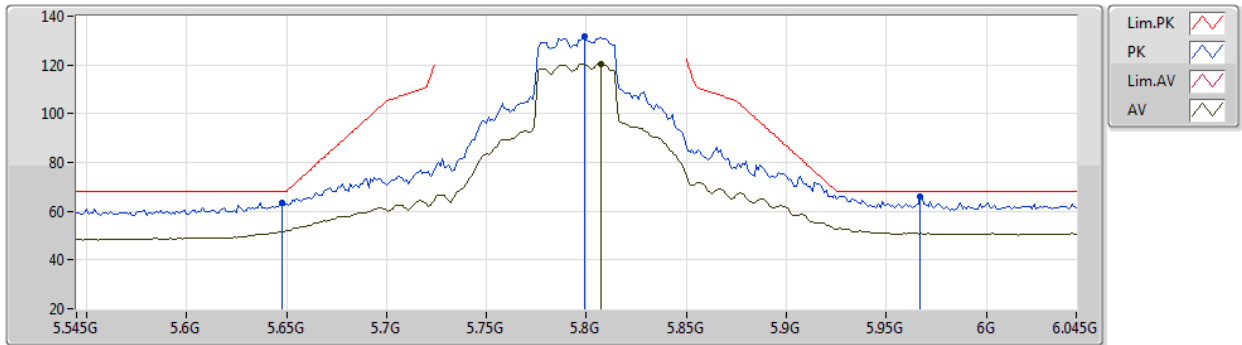

EUT Z_2TX
Setting 22.5
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50006G	56.27	74.00	-17.73	42.32	3	Horizontal	0	1.92	-	38.75	9.83	34.63
AV	11.51G	43.35	54.00	-10.65	29.39	3	Horizontal	0	1.92	-	38.76	9.83	34.63
PK	17.27578G	63.06	68.20	-5.14	44.40	3	Horizontal	357	1.84	-	41.33	11.92	34.59

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5795MHz_TX

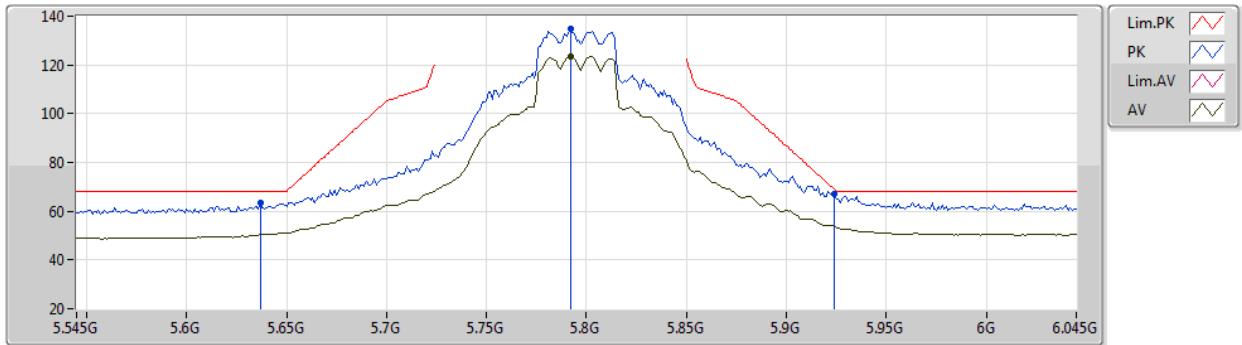

EUT_Z_2TX
Setting 24
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	63.67	68.20	-4.53	57.24	3	Vertical	0	1.83	-	34.25	7.12	34.94
PK	5.799G	131.48	Inf	-Inf	125.01	3	Vertical	0	1.83	-	34.20	7.20	34.93
AV	5.807G	120.40	Inf	-Inf	113.91	3	Vertical	0	1.83	-	34.21	7.21	34.93
PK	5.967G	66.27	68.20	-1.93	59.06	3	Vertical	0	1.83	-	34.60	7.53	34.92

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5795MHz_TX

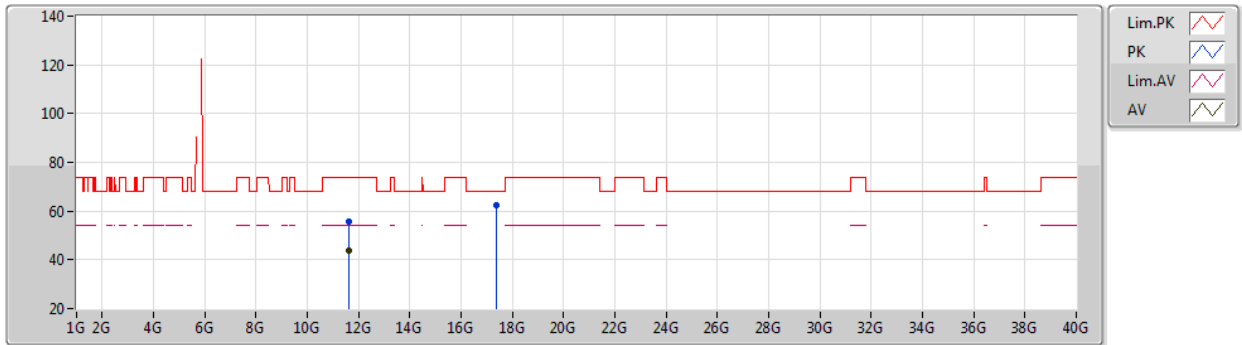

EUT_Z_2TX
Setting 24
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.637G	63.37	68.20	-4.83	56.93	3	Horizontal	0	1.91	-	34.26	7.12	34.94
PK	5.792G	134.70	Inf	-Inf	128.23	3	Horizontal	0	1.91	-	34.20	7.20	34.93
AV	5.792G	123.52	Inf	-Inf	117.05	3	Horizontal	0	1.91	-	34.20	7.20	34.93
PK	5.924G	66.99	68.94	-1.95	60.00	3	Horizontal	0	1.91	-	34.47	7.45	34.93

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5795MHz_TX

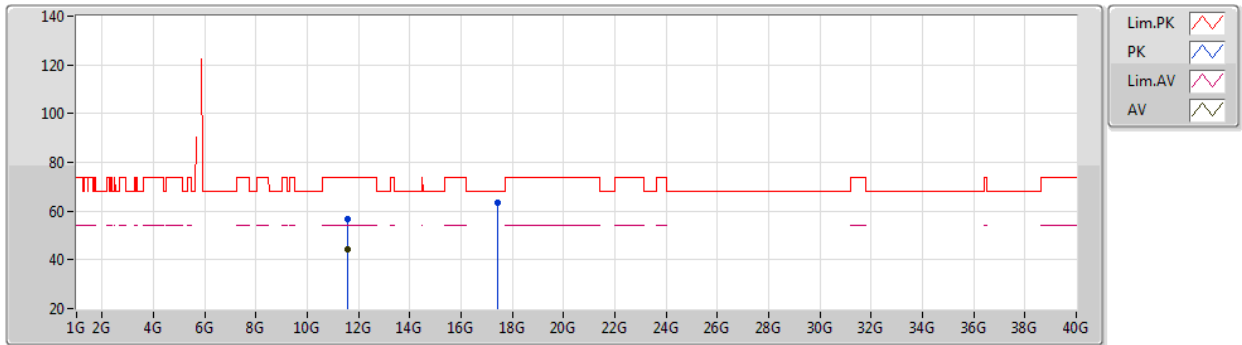

EUT Z_2TX
Setting 24
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.60344G	55.65	74.00	-18.35	41.64	3	Vertical	268	1.09	-	38.82	9.84	34.65
AV	11.61338G	43.74	54.00	-10.26	29.72	3	Vertical	268	1.09	-	38.83	9.85	34.66
PK	17.38976G	62.58	68.20	-5.62	43.28	3	Vertical	0	1.91	-	41.93	11.96	34.59

802.11ax HEW40_Nss1,(MCS0)_2TX

13/08/2020

5795MHz_TX

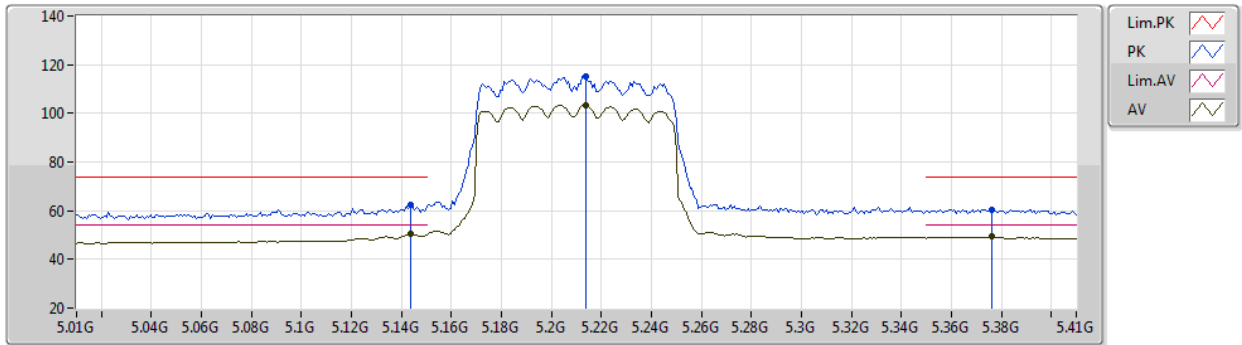

EUT Z_2TX
Setting 24
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.589777G	56.89	74.00	-17.11	42.89	3	Horizontal	337	1.45	-	38.81	9.84	34.65
AV	11.58986G	44.23	54.00	-9.77	30.23	3	Horizontal	337	1.45	-	38.81	9.84	34.65
PK	17.40502G	63.58	68.20	-4.62	44.19	3	Horizontal	0	1.93	-	42.01	11.97	34.59

802.11ax HEW80_Nss1,(MCS0)_2TX

13/08/2020

5210MHz_TX

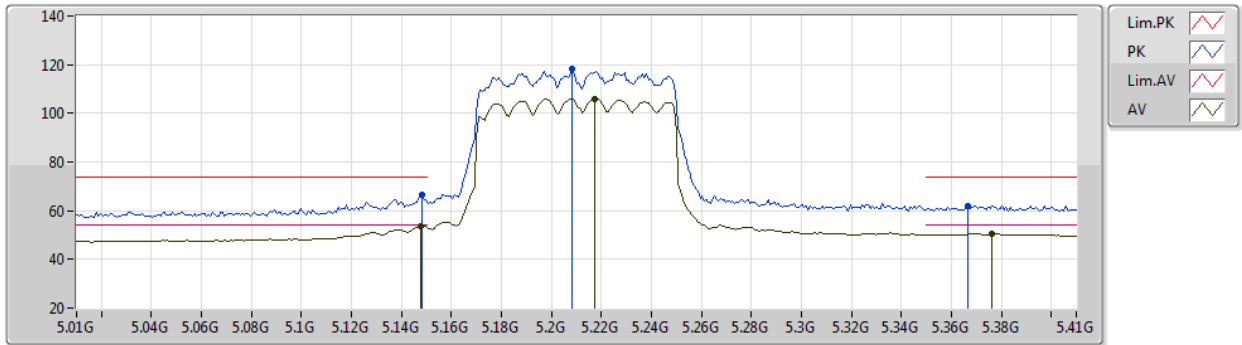

EUT_Z_2TX
Setting 9
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1436G	62.51	74.00	-11.49	57.19	3	Vertical	0	1.89	-	33.90	6.75	35.33
AV	5.1436G	50.42	54.00	-3.58	45.10	3	Vertical	0	1.89	-	33.90	6.75	35.33
PK	5.214G	114.98	Inf	-Inf	109.46	3	Vertical	0	1.89	-	33.94	6.83	35.25
AV	5.214G	103.09	Inf	-Inf	97.57	3	Vertical	0	1.89	-	33.94	6.83	35.25
PK	5.3764G	60.46	74.00	-13.54	54.09	3	Vertical	0	1.89	-	34.28	7.16	35.07
AV	5.3764G	49.59	54.00	-4.41	43.22	3	Vertical	0	1.89	-	34.28	7.16	35.07

802.11ax HEW80_Nss1,(MCS0)_2TX

13/08/2020

5210MHz_TX

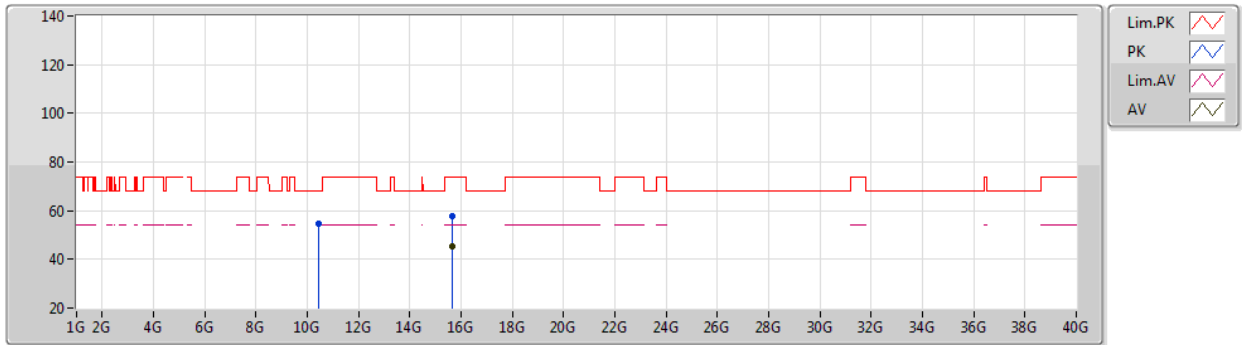

EUT_Z_2TX
Setting 9
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1484G	66.62	74.00	-7.38	61.30	3	Horizontal	0	1.90	-	33.90	6.75	35.33
AV	5.1476G	53.81	54.00	-0.19	48.49	3	Horizontal	0	1.90	-	33.90	6.75	35.33
PK	5.2084G	118.22	Inf	-Inf	112.73	3	Horizontal	0	1.90	-	33.93	6.82	35.26
AV	5.2172G	105.98	Inf	-Inf	100.44	3	Horizontal	0	1.90	-	33.95	6.84	35.25
PK	5.3668G	62.02	74.00	-11.98	55.69	3	Horizontal	0	1.90	-	34.27	7.14	35.08
AV	5.3764G	50.57	54.00	-3.43	44.20	3	Horizontal	0	1.90	-	34.28	7.16	35.07

802.11ax HEW80_Nss1,(MCS0)_2TX

13/08/2020

5210MHz_TX



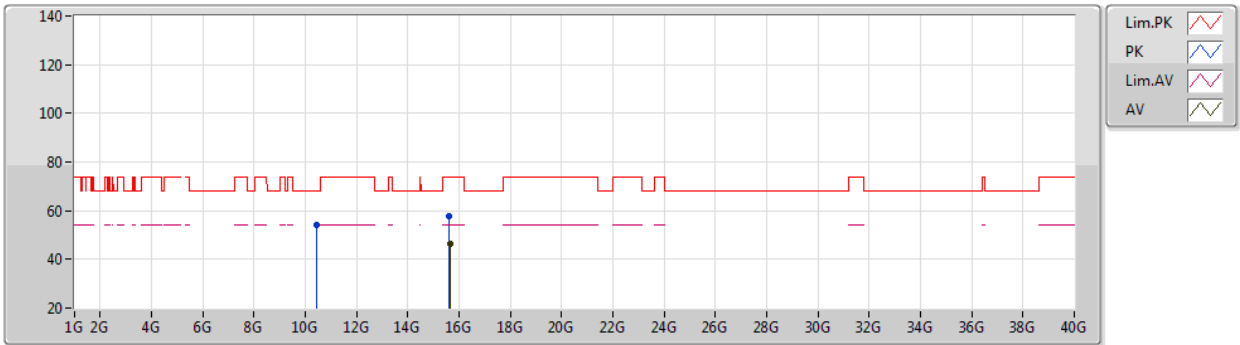
EUT_Z_2TX
Setting 9
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.42076G	54.61	68.20	-13.59	41.51	3	Vertical	51	2.27	-	38.34	9.67	34.91
PK	15.63442G	57.77	74.00	-16.23	42.82	3	Vertical	104	2.26	-	38.60	11.24	34.89
AV	15.63206G	45.58	54.00	-8.42	30.63	3	Vertical	104	2.26	-	38.60	11.24	34.89

802.11ax HEW80_Nss1,(MCS0)_2TX

13/08/2020

5210MHz_TX

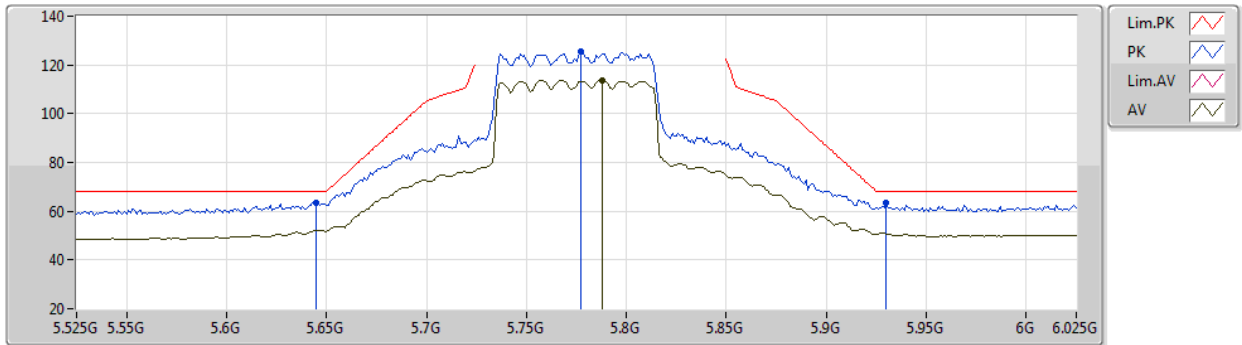

EUT_Z_2TX
Setting 9
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4205G	54.22	68.20	-13.98	41.12	3	Horizontal	93	2.79	-	38.34	9.67	34.91
PK	15.63072G	57.60	74.00	-16.40	42.64	3	Horizontal	0	2.56	-	38.61	11.24	34.89
AV	15.63448G	46.57	54.00	-7.43	31.62	3	Horizontal	0	2.56	-	38.60	11.24	34.89

802.11ax HEW80_Nss1,(MCS0)_2TX

13/08/2020

5775MHz_TX



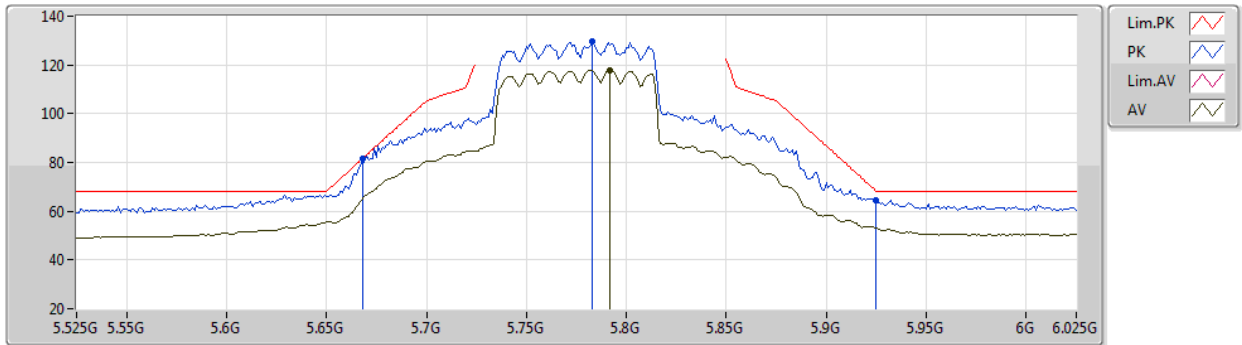
EUT_Z_2TX
Setting 19.5
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.645G	63.65	68.20	-4.55	57.21	3	Vertical	0	1.85	-	34.26	7.12	34.94
PK	5.777G	125.48	Inf	-Inf	119.02	3	Vertical	0	1.85	-	34.20	7.19	34.93
AV	5.788G	113.75	Inf	-Inf	107.29	3	Vertical	0	1.85	-	34.20	7.19	34.93
PK	5.93G	63.48	68.20	-4.72	56.46	3	Vertical	0	1.85	-	34.49	7.46	34.93

802.11ax HEW80_Nss1,(MCS0)_2TX

13/08/2020

5775MHz_TX

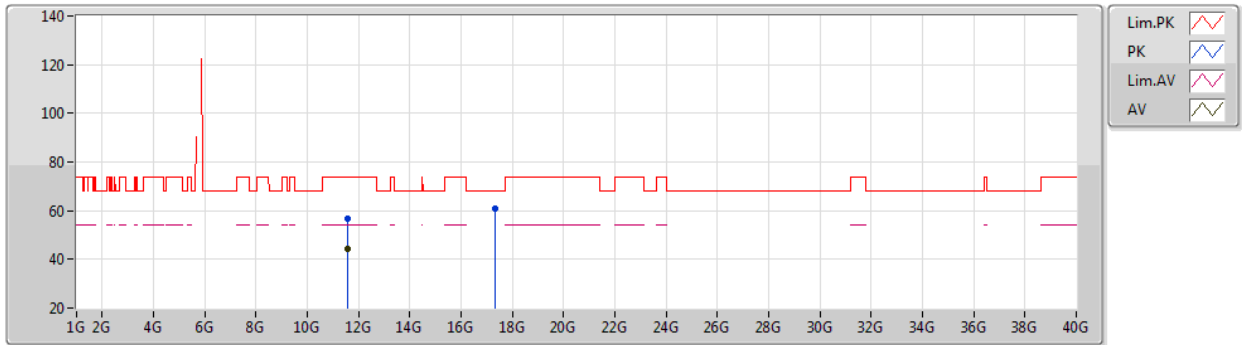

EUT Z_2TX
Setting 19.5
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.668G	81.46	81.52	-0.06	75.04	3	Horizontal	0	1.90	-	34.23	7.13	34.94
PK	5.783G	129.55	Inf	-Inf	123.09	3	Horizontal	0	1.90	-	34.20	7.19	34.93
AV	5.792G	117.72	Inf	-Inf	111.25	3	Horizontal	0	1.90	-	34.20	7.20	34.93
PK	5.925G	64.68	68.20	-3.52	57.68	3	Horizontal	0	1.90	-	34.48	7.45	34.93

802.11ax HEW80_Nss1,(MCS0)_2TX

13/08/2020

5775MHz_TX



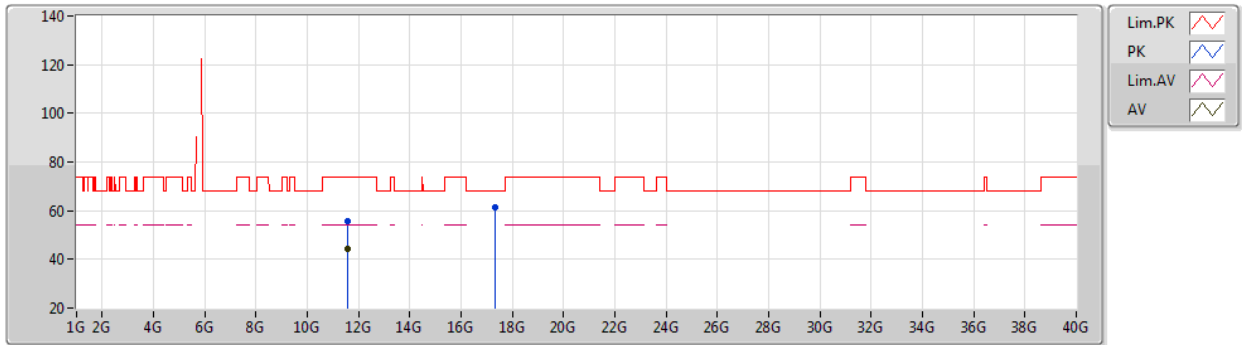
EUT_Z_2TX
Setting 19.5
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54994G	56.58	74.00	-17.42	42.60	3	Vertical	7	1.80	-	38.78	9.84	34.64
AV	11.55002G	44.14	54.00	-9.86	30.15	3	Vertical	7	1.80	-	38.79	9.84	34.64
PK	17.32032G	61.03	68.20	-7.17	42.12	3	Vertical	331	2.32	-	41.57	11.93	34.59

802.11ax HEW80_Nss1,(MCS0)_2TX

13/08/2020

5775MHz_TX



EUT_Z_2TX
Setting 19.5
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5494G	55.94	74.00	-18.06	41.96	3	Horizontal	186	1.79	-	38.78	9.84	34.64
AV	11.55G	44.13	54.00	-9.87	30.15	3	Horizontal	186	1.79	-	38.78	9.84	34.64
PK	17.32618G	61.26	68.20	-6.94	42.31	3	Horizontal	145	2.07	-	41.60	11.94	34.59



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	5.11G	5.15G	AV	5.12728G	2.00	-48.75	-52.46	-47.21	-45.21	-41.20	-4.01
802.11ax HEW20_Nss1.(MCS0)_2TX	Pass	5.35G	5.39G	AV	5.35168G	2.00	-54.19	-56.71	-52.26	-50.26	-41.20	-9.06
802.11ax HEW40_Nss1.(MCS0)_2TX	Pass	5.07G	5.15G	AV	5.12776G	2.00	-52.23	-55.29	-50.49	-48.49	-41.20	-7.29
802.11ax HEW80_Nss1.(MCS0)_2TX	Pass	4.99G	5.15G	AV	5.13048G	2.00	-50.76	-53.37	-48.86	-46.86	-41.20	-5.66
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	5.89G	8G	PK	5.92455G	2.00	-47.55	-51.30	-46.02	-44.02	-26.67	-17.35
802.11ax HEW20_Nss1.(MCS0)_2TX	Pass	1G	5.685G	PK	5.64811G	2.00	-50.79	-47.21	-45.63	-43.63	-27.00	-16.63
802.11ax HEW40_Nss1.(MCS0)_2TX	Pass	5.645G	5.725G	PK	5.6514G	2.00	-34.66	-32.07	-30.16	-28.16	-25.96	-2.20
802.11ax HEW80_Nss1.(MCS0)_2TX	Pass	5.565G	5.725G	PK	5.63892G	2.00	-31.69	-39.62	-31.04	-29.04	-27.00	-2.04

DG = Directional Gain;
PX=Port X; Psum=P1+.P2+...PX



CSE TX above 1GHz (1GHz ~ 8GHz) Result_Ant.3

Appendix E.3

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	5.10846G	2.00	-59.60	-59.17	-56.37	-54.37	-41.20	-13.17
5180MHz	Pass	5.11G	5.15G	AV	5.11216G	2.00	-58.20	-58.46	-55.32	-53.32	-41.20	-12.12
5180MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-59.68	-59.43	-56.54	-54.54	-41.20	-13.34
5180MHz	Pass	5.35G	5.39G	AV	5.37592G	2.00	-57.16	-56.94	-54.04	-52.04	-41.20	-10.84
5180MHz	Pass	5.39G	8G	AV	5.39098G	2.00	-61.26	-60.69	-57.96	-55.96	-41.20	-14.76
5180MHz	Pass	1G	5.11G	PK	5.06171G	2.00	-45.38	-53.98	-44.82	-42.82	-21.20	-21.62
5180MHz	Pass	5.11G	5.15G	PK	5.13336G	2.00	-41.84	-50.88	-41.33	-39.33	-21.20	-18.13
5180MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-50.36	-49.59	-46.95	-44.95	-21.20	-23.75
5180MHz	Pass	5.35G	5.39G	PK	5.37368G	2.00	-46.89	-47.00	-43.93	-41.93	-21.20	-20.73
5180MHz	Pass	5.39G	8G	PK	5.39065G	2.00	-52.76	-49.43	-47.77	-45.77	-21.20	-24.57
5200MHz	Pass	1G	5.11G	AV	5.10846G	2.00	-54.46	-54.72	-51.58	-49.58	-41.20	-8.38
5200MHz	Pass	5.11G	5.15G	AV	5.12728G	2.00	-48.75	-52.46	-47.21	-45.21	-41.20	-4.01
5200MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-56.74	-56.13	-53.41	-51.41	-41.20	-10.21
5200MHz	Pass	5.35G	5.39G	AV	5.38496G	2.00	-56.94	-54.20	-52.35	-50.35	-41.20	-9.15
5200MHz	Pass	5.39G	8G	AV	5.39228G	2.00	-57.98	-54.52	-52.90	-50.90	-41.20	-9.70
5200MHz	Pass	1G	5.11G	PK	5.10384G	2.00	-44.51	-48.01	-42.91	-40.91	-21.20	-19.71
5200MHz	Pass	5.11G	5.15G	PK	5.12312G	2.00	-32.92	-39.43	-32.04	-30.04	-21.20	-8.84
5200MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-45.85	-46.05	-42.94	-40.94	-21.20	-19.74
5200MHz	Pass	5.35G	5.39G	PK	5.36288G	2.00	-45.87	-44.03	-41.84	-39.84	-21.20	-18.64
5200MHz	Pass	5.39G	8G	PK	5.39098G	2.00	-47.47	-44.98	-43.04	-41.04	-21.20	-19.84
5240MHz	Pass	1G	5.11G	AV	5.05503G	2.00	-58.24	-58.39	-55.30	-53.30	-41.20	-12.10
5240MHz	Pass	5.11G	5.15G	AV	5.11896G	2.00	-56.48	-58.71	-54.44	-52.44	-41.20	-11.24
5240MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-55.03	-57.19	-52.97	-50.97	-41.20	-9.77
5240MHz	Pass	5.35G	5.39G	AV	5.35448G	2.00	-55.04	-56.11	-52.53	-50.53	-41.20	-9.33
5240MHz	Pass	5.39G	8G	AV	5.39131G	2.00	-58.75	-59.06	-55.89	-53.89	-41.20	-12.69
5240MHz	Pass	1G	5.11G	PK	5.0554G	2.00	-50.32	-49.27	-46.75	-44.75	-21.20	-23.55
5240MHz	Pass	5.11G	5.15G	PK	5.11992G	2.00	-34.70	-49.21	-34.55	-32.55	-21.20	-11.35
5240MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-45.81	-47.71	-43.65	-41.65	-21.20	-20.45
5240MHz	Pass	5.35G	5.39G	PK	5.35984G	2.00	-33.29	-47.23	-33.12	-31.12	-21.20	-9.92
5240MHz	Pass	5.39G	8G	PK	5.56063G	2.00	-51.87	-57.41	-50.80	-48.80	-27.00	-21.80
5745MHz	Pass	1G	5.685G	AV	5.45544G	2.00	-69.59	-69.69	-66.63	-64.63	-41.20	-23.43
5745MHz	Pass	5.89G	8G	AV	7.40023G	2.00	-77.50	-77.52	-74.50	-72.50	-41.20	-31.30
5745MHz	Pass	1G	5.685G	PK	5.65338G	2.00	-45.19	-54.19	-44.68	-42.68	-24.50	-18.18
5745MHz	Pass	5.685G	5.725G	PK	5.68588G	2.00	-37.70	-33.79	-32.31	-30.31	-0.45	-29.86
5745MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-63.15	-63.48	-60.30	-58.30	27.00	-85.30
5745MHz	Pass	5.85G	5.89G	PK	5.88984G	2.00	-46.98	-52.52	-45.91	-43.91	-0.98	-42.93
5745MHz	Pass	5.89G	8G	PK	6.02583G	2.00	-53.33	-59.39	-52.37	-50.37	-27.00	-23.37
5785MHz	Pass	1G	5.685G	AV	5.35354G	2.00	-71.67	-68.75	-66.96	-64.96	-41.20	-23.76
5785MHz	Pass	5.89G	8G	AV	7.42371G	2.00	-77.98	-76.77	-74.32	-72.32	-41.20	-31.12
5785MHz	Pass	1G	5.685G	PK	5.64693G	2.00	-54.57	-59.98	-53.47	-51.47	-27.00	-24.47
5785MHz	Pass	5.685G	5.725G	PK	5.68628G	2.00	-45.90	-45.98	-42.93	-40.93	-0.15	-40.78
5785MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-63.02	-64.02	-60.48	-58.48	27.00	-85.48
5785MHz	Pass	5.85G	5.89G	PK	5.8884G	2.00	-44.64	-47.68	-42.89	-40.89	0.08	-40.97
5785MHz	Pass	5.89G	8G	PK	5.97335G	2.00	-55.21	-55.25	-52.22	-50.22	-27.00	-23.22
5825MHz	Pass	1G	5.685G	AV	5.35002G	2.00	-70.88	-67.08	-65.57	-63.57	-41.20	-22.37
5825MHz	Pass	5.89G	8G	AV	7.39944G	2.00	-77.58	-77.26	-74.41	-72.41	-41.20	-31.21
5825MHz	Pass	1G	5.685G	PK	5.64108G	2.00	-55.59	-58.27	-53.72	-51.72	-27.00	-24.72
5825MHz	Pass	5.685G	5.725G	PK	5.68572G	2.00	-46.75	-50.99	-45.36	-43.36	-0.57	-42.79
5825MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-57.11	-60.04	-55.32	-53.32	27.00	-80.32
5825MHz	Pass	5.85G	5.89G	PK	5.89G	2.00	-32.50	-36.01	-30.90	-28.90	-1.10	-27.80
5825MHz	Pass	5.89G	8G	PK	5.92455G	2.00	-47.55	-51.30	-46.02	-44.02	-26.67	-17.35



CSE TX above 1GHz (1GHz ~ 8GHz) Result_Ant.3

Appendix E.3

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	5.10589G	2.00	-59.91	-59.39	-56.63	-54.63	-41.20	-13.43
5180MHz	Pass	5.11G	5.15G	AV	5.12912G	2.00	-55.56	-60.18	-54.27	-52.27	-41.20	-11.07
5180MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-60.36	-58.75	-56.47	-54.47	-41.20	-13.27
5180MHz	Pass	5.35G	5.39G	AV	5.37608G	2.00	-57.30	-58.05	-54.65	-52.65	-41.20	-11.45
5180MHz	Pass	5.39G	8G	AV	5.39326G	2.00	-61.81	-60.32	-57.99	-55.99	-41.20	-14.79
5180MHz	Pass	1G	5.11G	PK	5.09716G	2.00	-49.54	-52.12	-47.63	-45.63	-21.20	-24.43
5180MHz	Pass	5.11G	5.15G	PK	5.13096G	2.00	-40.54	-48.97	-39.96	-37.96	-21.20	-16.76
5180MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-50.55	-49.69	-47.09	-45.09	-21.20	-23.89
5180MHz	Pass	5.35G	5.39G	PK	5.36568G	2.00	-48.38	-46.70	-44.45	-42.45	-21.20	-21.25
5180MHz	Pass	5.39G	8G	PK	5.39424G	2.00	-53.28	-48.77	-47.45	-45.45	-21.20	-24.25
5200MHz	Pass	1G	5.11G	AV	5.11G	2.00	-59.43	-59.63	-56.52	-54.52	-41.20	-13.32
5200MHz	Pass	5.11G	5.15G	AV	5.11256G	2.00	-59.75	-57.83	-55.67	-53.67	-41.20	-12.47
5200MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-58.89	-59.77	-56.30	-54.30	-41.20	-13.10
5200MHz	Pass	5.35G	5.39G	AV	5.38408G	2.00	-58.95	-57.18	-54.97	-52.97	-41.20	-11.77
5200MHz	Pass	5.39G	8G	AV	5.39424G	2.00	-60.10	-58.24	-56.06	-54.06	-41.20	-12.86
5200MHz	Pass	1G	5.11G	PK	5.10846G	2.00	-48.71	-51.61	-46.91	-44.91	-21.20	-23.71
5200MHz	Pass	5.11G	5.15G	PK	5.12G	2.00	-47.34	-50.91	-45.76	-43.76	-21.20	-22.56
5200MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-48.80	-50.77	-46.66	-44.66	-21.20	-23.46
5200MHz	Pass	5.35G	5.39G	PK	5.3892G	2.00	-49.77	-46.48	-44.81	-42.81	-21.20	-21.61
5200MHz	Pass	5.39G	8G	PK	5.39228G	2.00	-52.70	-48.19	-46.87	-44.87	-21.20	-23.67
5240MHz	Pass	1G	5.11G	AV	5.10949G	2.00	-57.27	-59.30	-55.16	-53.16	-41.20	-11.96
5240MHz	Pass	5.11G	5.15G	AV	5.12464G	2.00	-55.89	-58.87	-54.12	-52.12	-41.20	-10.92
5240MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-55.20	-57.04	-53.01	-51.01	-41.20	-9.81
5240MHz	Pass	5.35G	5.39G	AV	5.35168G	2.00	-54.19	-56.71	-52.26	-50.26	-41.20	-9.06
5240MHz	Pass	5.39G	8G	AV	5.39196G	2.00	-58.51	-59.28	-55.87	-53.87	-41.20	-12.67
5240MHz	Pass	1G	5.11G	PK	5.10281G	2.00	-47.23	-51.87	-45.95	-43.95	-21.20	-22.75
5240MHz	Pass	5.11G	5.15G	PK	5.12016G	2.00	-35.01	-49.38	-34.85	-32.85	-21.20	-11.65
5240MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-45.82	-46.87	-43.30	-41.30	-21.20	-20.10
5240MHz	Pass	5.35G	5.39G	PK	5.35936G	2.00	-33.66	-48.01	-33.50	-31.50	-21.20	-10.30
5240MHz	Pass	5.39G	8G	PK	5.54856G	2.00	-54.08	-54.24	-51.15	-49.15	-27.00	-22.15
5745MHz	Pass	1G	5.685G	AV	5.45895G	2.00	-69.99	-69.30	-66.62	-64.62	-41.20	-23.42
5745MHz	Pass	5.89G	8G	AV	7.41131G	2.00	-77.48	-77.57	-74.51	-72.51	-41.20	-31.31
5745MHz	Pass	1G	5.685G	PK	5.64811G	2.00	-50.79	-47.21	-45.63	-43.63	-27.00	-16.63
5745MHz	Pass	5.685G	5.725G	PK	5.68564G	2.00	-34.79	-32.22	-30.31	-28.31	-0.63	-27.68
5745MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-64.31	-63.59	-60.92	-58.92	27.00	-85.92
5745MHz	Pass	5.85G	5.89G	PK	5.88984G	2.00	-48.13	-50.50	-46.14	-44.14	-0.98	-43.16
5745MHz	Pass	5.89G	8G	PK	5.93484G	2.00	-54.66	-56.77	-52.58	-50.58	-27.00	-23.58
5785MHz	Pass	1G	5.685G	AV	5.35529G	2.00	-72.19	-68.82	-67.18	-65.18	-41.20	-23.98
5785MHz	Pass	5.89G	8G	AV	7.39522G	2.00	-77.37	-77.39	-74.37	-72.37	-41.20	-31.17
5785MHz	Pass	1G	5.685G	PK	5.64635G	2.00	-55.07	-57.36	-53.06	-51.06	-27.00	-24.06
5785MHz	Pass	5.685G	5.725G	PK	5.68556G	2.00	-44.85	-48.11	-43.17	-41.17	-0.69	-40.48
5785MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-63.13	-64.03	-60.55	-58.55	27.00	-85.55
5785MHz	Pass	5.85G	5.89G	PK	5.88944G	2.00	-41.85	-48.42	-40.99	-38.99	-0.69	-38.30
5785MHz	Pass	5.89G	8G	PK	5.9264G	2.00	-54.12	-57.75	-52.56	-50.56	-27.00	-23.56
5825MHz	Pass	1G	5.685G	AV	5.37111G	2.00	-71.39	-67.81	-66.23	-64.23	-41.20	-23.03
5825MHz	Pass	5.89G	8G	AV	7.40261G	2.00	-77.31	-77.19	-74.24	-72.24	-41.20	-31.04
5825MHz	Pass	1G	5.685G	PK	5.64166G	2.00	-55.90	-56.41	-53.14	-51.14	-27.00	-24.14
5825MHz	Pass	5.685G	5.725G	PK	5.68564G	2.00	-48.37	-48.64	-45.49	-43.49	-0.63	-42.86
5825MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-56.44	-58.84	-54.47	-52.47	27.00	-79.47
5825MHz	Pass	5.85G	5.89G	PK	5.88992G	2.00	-33.09	-35.02	-30.94	-28.94	-1.04	-27.90
5825MHz	Pass	5.89G	8G	PK	5.93194G	2.00	-47.58	-50.50	-45.79	-43.79	-27.00	-16.79
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-



CSE TX above 1GHz (1GHz ~ 8GHz) Result_Ant.3

Appendix E.3

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5190MHz	Pass	1G	5.07G	AV	5.0639G	2.00	-62.93	-62.92	-59.91	-57.91	-41.20	-16.71
5190MHz	Pass	5.07G	5.15G	AV	5.1324G	2.00	-57.72	-59.49	-55.51	-53.51	-41.20	-12.31
5190MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-60.77	-61.93	-58.30	-56.30	-41.20	-15.10
5190MHz	Pass	5.35G	5.43G	AV	5.37608G	2.00	-58.96	-61.07	-56.88	-54.88	-41.20	-13.68
5190MHz	Pass	5.43G	8G	AV	5.43096G	2.00	-68.46	-66.05	-64.08	-62.08	-41.20	-20.88
5190MHz	Pass	1G	5.07G	PK	5.05728G	2.00	-53.75	-53.78	-50.75	-48.75	-21.20	-27.55
5190MHz	Pass	5.07G	5.15G	PK	5.07016G	2.00	-39.50	-52.66	-39.30	-37.30	-21.20	-16.10
5190MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-51.61	-51.66	-48.62	-46.62	-21.20	-25.42
5190MHz	Pass	5.35G	5.43G	PK	5.37G	2.00	-48.99	-51.20	-46.95	-44.95	-21.20	-23.75
5190MHz	Pass	5.43G	8G	PK	5.47883G	2.00	-60.09	-58.74	-56.35	-54.35	-27.00	-27.35
5230MHz	Pass	1G	5.07G	AV	5.05423G	2.00	-58.79	-60.05	-56.36	-54.36	-41.20	-13.16
5230MHz	Pass	5.07G	5.15G	AV	5.12776G	2.00	-52.23	-55.29	-50.49	-48.49	-41.20	-7.29
5230MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-56.48	-56.07	-52.75	-50.75	-41.20	-9.55
5230MHz	Pass	5.35G	5.43G	AV	5.35064G	2.00	-56.06	-55.98	-52.49	-50.49	-41.20	-9.29
5230MHz	Pass	5.43G	8G	AV	5.43032G	2.00	-65.76	-62.06	-60.52	-58.52	-41.20	-17.32
5230MHz	Pass	1G	5.07G	PK	5.05576G	2.00	-49.53	-51.35	-47.34	-45.34	-21.20	-24.14
5230MHz	Pass	5.07G	5.15G	PK	5.10984G	2.00	-32.98	-46.79	-32.80	-30.80	-21.20	-9.60
5230MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-31.36	-46.40	-31.23	-29.23	-21.20	-8.03
5230MHz	Pass	5.35G	5.43G	PK	5.35048G	2.00	-31.73	-45.62	-31.56	-29.56	-21.20	-8.36
5230MHz	Pass	5.43G	8G	PK	5.46052G	2.00	-59.29	-55.73	-54.14	-52.14	-27.00	-25.14
5755MHz	Pass	1G	5.645G	AV	5.45572G	2.00	-70.26	-69.13	-66.65	-64.65	-41.20	-23.45
5755MHz	Pass	5.93G	8G	AV	7.38159G	2.00	-77.21	-78.01	-74.58	-72.58	-41.20	-31.38
5755MHz	Pass	1G	5.645G	PK	5.64384G	2.00	-39.91	-38.66	-36.23	-34.23	-27.00	-7.23
5755MHz	Pass	5.645G	5.725G	PK	5.6514G	2.00	-34.66	-32.07	-30.16	-28.16	-25.96	-2.20
5755MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-64.24	-63.17	-60.66	-58.66	27.00	-85.66
5755MHz	Pass	5.85G	5.93G	PK	5.92792G	2.00	-42.62	-45.73	-40.89	-38.89	-27.00	-11.89
5755MHz	Pass	5.93G	8G	PK	5.93052G	2.00	-50.08	-45.19	-43.97	-41.97	-27.00	-14.97
5795MHz	Pass	1G	5.645G	AV	5.35411G	2.00	-71.34	-68.55	-66.71	-64.71	-41.20	-23.51
5795MHz	Pass	5.93G	8G	AV	7.41652G	2.00	-78.28	-76.75	-74.44	-72.44	-41.20	-31.24
5795MHz	Pass	1G	5.645G	PK	5.63919G	2.00	-42.38	-49.86	-41.67	-39.67	-27.00	-12.67
5795MHz	Pass	5.645G	5.725G	PK	5.64724G	2.00	-39.09	-44.75	-38.05	-36.05	-27.00	-9.05
5795MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-60.48	-62.25	-58.27	-56.27	27.00	-83.27
5795MHz	Pass	5.85G	5.93G	PK	5.92648G	2.00	-35.00	-37.89	-33.20	-31.20	-27.00	-4.20
5795MHz	Pass	5.93G	8G	PK	5.93129G	2.00	-36.65	-43.03	-35.75	-33.75	-27.00	-6.75
802.11ax HEW80_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	4.9885G	2.00	-65.88	-66.28	-63.07	-61.07	-41.20	-19.87
5210MHz	Pass	4.99G	5.15G	AV	5.13048G	2.00	-50.76	-53.37	-48.86	-46.86	-41.20	-5.66
5210MHz	Pass	5.15G	5.35G	AV	5.35G	2.00	-59.64	-60.21	-56.91	-54.91	-41.20	-13.71
5210MHz	Pass	5.35G	5.51G	AV	5.35384G	2.00	-59.32	-59.45	-56.37	-54.37	-41.20	-13.17
5210MHz	Pass	5.51G	8G	AV	7.40925G	2.00	-76.60	-78.23	-74.33	-72.33	-41.20	-31.13
5210MHz	Pass	1G	4.99G	PK	4.98451G	2.00	-58.60	-56.69	-54.53	-52.53	-21.20	-31.33
5210MHz	Pass	4.99G	5.15G	PK	5.0908G	2.00	-36.47	-50.74	-36.31	-34.31	-21.20	-13.11
5210MHz	Pass	5.15G	5.35G	PK	5.35G	2.00	-50.13	-50.71	-47.40	-45.40	-21.20	-24.20
5210MHz	Pass	5.35G	5.51G	PK	5.3628G	2.00	-50.15	-48.41	-46.18	-44.18	-21.20	-22.98
5210MHz	Pass	5.51G	8G	PK	5.75558G	2.00	-61.23	-60.00	-57.56	-55.56	-27.00	-28.56
5775MHz	Pass	1G	5.565G	AV	5.45886G	2.00	-67.41	-68.51	-64.91	-62.91	-41.20	-21.71
5775MHz	Pass	6.01G	8G	AV	7.41594G	2.00	-77.29	-77.73	-74.49	-72.49	-41.20	-31.29
5775MHz	Pass	1G	5.565G	PK	5.565G	2.00	-47.26	-52.87	-46.21	-44.21	-27.00	-17.21
5775MHz	Pass	5.565G	5.725G	PK	5.63892G	2.00	-31.69	-39.62	-31.04	-29.04	-27.00	-2.04
5775MHz	Pass	5.725G	5.85G	PK	5.85G	2.00	-59.75	-62.41	-57.87	-55.87	27.00	-82.87
5775MHz	Pass	5.85G	6.01G	PK	5.92424G	2.00	-31.54	-39.20	-30.85	-28.85	-26.44	-2.41
5775MHz	Pass	6.01G	8G	PK	6.01G	2.00	-42.66	-52.62	-42.24	-40.24	-27.00	-13.24

DG = Directional Gain;

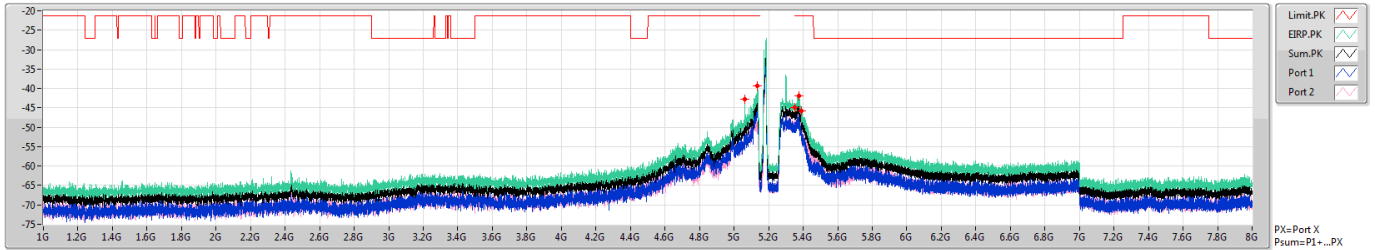
PX=Port X; Psum=P1+.P2+...PX

802.11a_Nss1,(6Mbps)_2TX

5180MHz

CSE-PK

15/08/2020



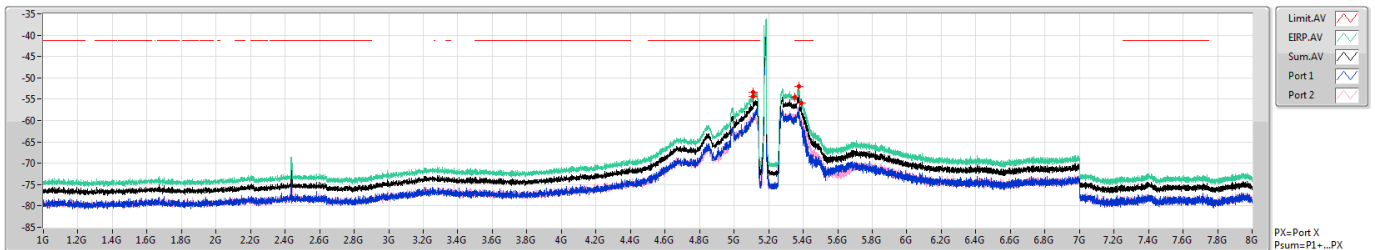
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.11G	1M	PK	5.06171G	-42.82	-21.20	-21.62	2.00	0.00	-44.82	-45.38	-53.98
5.11G	5.15G	1M	PK	5.1336G	-39.33	-21.20	-18.13	2.00	0.00	-41.33	-41.84	-50.88
5.15G	5.35G	1M	PK	5.35G	-44.95	-21.20	-23.75	2.00	0.00	-46.95	-50.36	-49.59
5.35G	5.39G	1M	PK	5.37368G	-41.93	-21.20	-20.73	2.00	0.00	-43.93	-46.89	-47.00
5.39G	8G	1M	PK	5.39065G	-45.77	-21.20	-24.57	2.00	0.00	-47.77	-52.76	-49.43

802.11a_Nss1,(6Mbps)_2TX

5180MHz

CSE-AV

15/08/2020



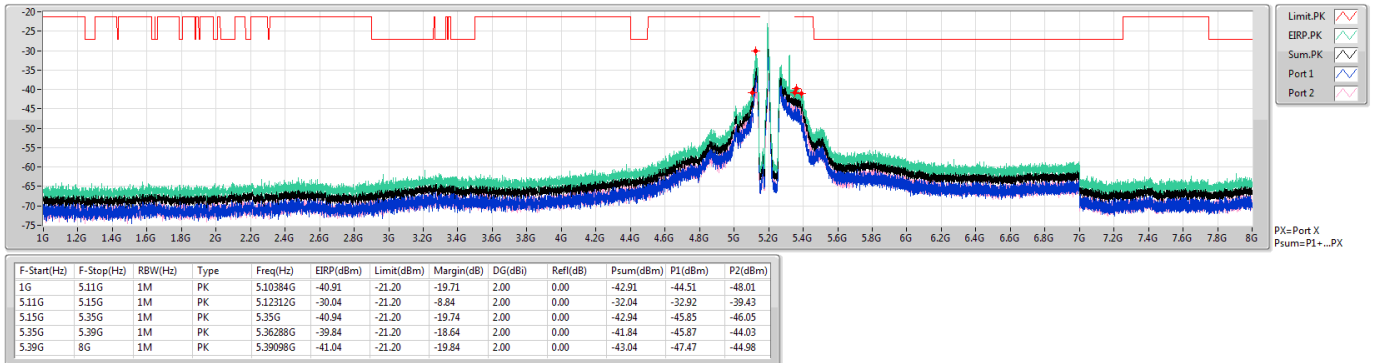
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.11G	1M	AV	5.10846G	-54.37	-41.20	-13.17	2.00	0.00	-56.37	-59.60	-59.17
5.11G	5.15G	1M	AV	5.11216G	-53.32	-41.20	-12.12	2.00	0.00	-55.32	-58.20	-58.46
5.15G	5.35G	1M	AV	5.35G	-54.54	-41.20	-13.34	2.00	0.00	-56.54	-59.68	-59.43
5.35G	5.39G	1M	AV	5.37592G	-52.04	-41.20	-10.84	2.00	0.00	-54.04	-57.16	-56.94
5.39G	8G	1M	AV	5.39098G	-55.96	-41.20	-14.76	2.00	0.00	-57.96	-61.26	-60.69

802.11a_Nss1,(6Mbps)_2TX

5200MHz

CSE-PK

15/08/2020

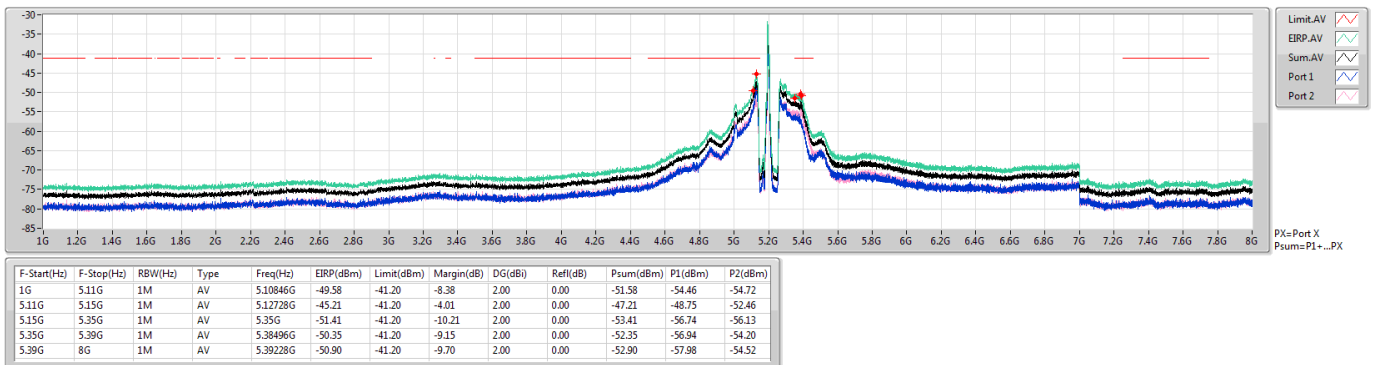


802.11a_Nss1,(6Mbps)_2TX

5200MHz

CSE-AV

15/08/2020

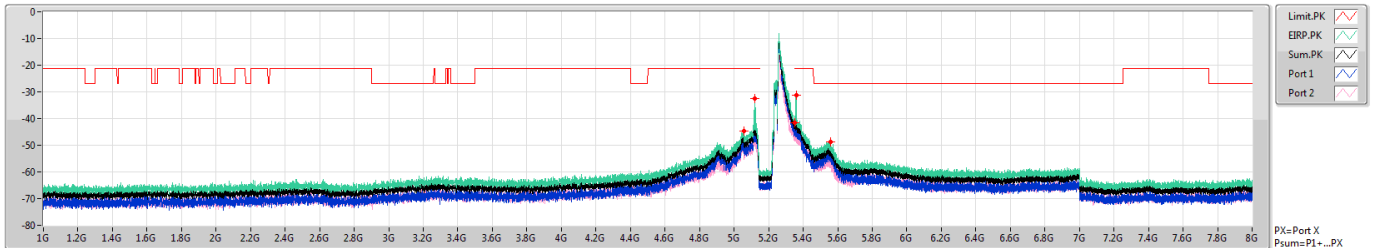


802.11a_Nss1,(6Mbps)_2TX

5240MHz

CSE-PK

14/08/2020



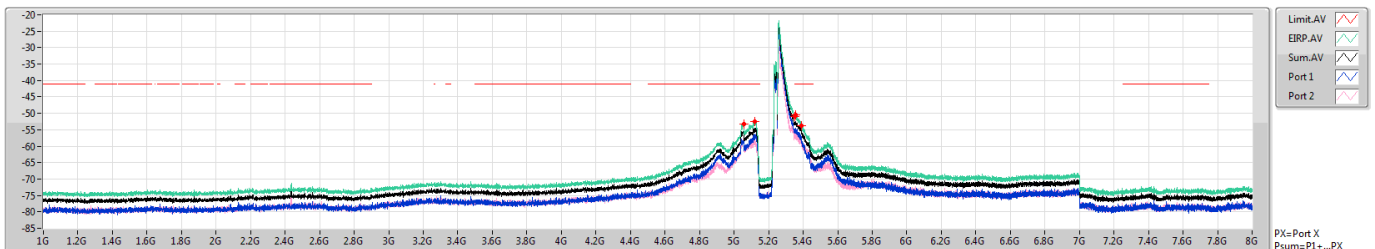
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.11G	1M	PK	5.05554G	-44.75	-21.20	-23.55	2.00	0.00	-46.75	-50.32	-49.27
5.11G	5.15G	1M	PK	5.11992G	-32.55	-21.20	-11.35	2.00	0.00	-34.55	-34.70	-49.21
5.15G	5.35G	1M	PK	5.35G	-41.65	-21.20	-20.45	2.00	0.00	-43.65	-45.81	-47.71
5.35G	5.39G	1M	PK	5.35984G	-31.12	-21.20	-9.92	2.00	0.00	-33.12	-33.29	-47.23
5.39G	8G	1M	PK	5.56063G	-48.80	-27.00	-21.80	2.00	0.00	-50.80	-51.87	-57.41

802.11a_Nss1,(6Mbps)_2TX

5240MHz

CSE-AV

14/08/2020



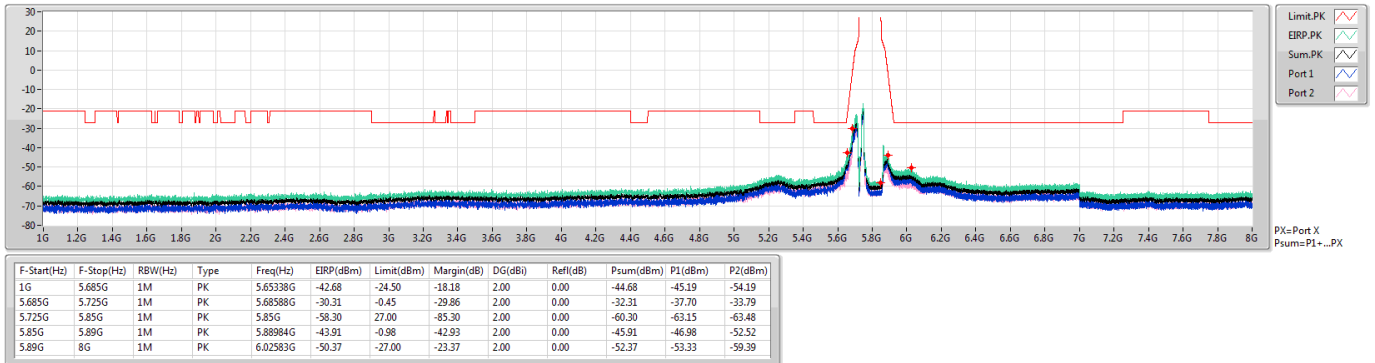
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.11G	1M	AV	5.05503G	-53.30	-41.20	-12.10	2.00	0.00	-55.30	-58.24	-58.39
5.11G	5.15G	1M	AV	5.11896G	-52.44	-41.20	-11.24	2.00	0.00	-54.44	-56.48	-58.71
5.15G	5.35G	1M	AV	5.35G	-50.97	-41.20	-9.77	2.00	0.00	-52.97	-55.03	-57.19
5.35G	5.39G	1M	AV	5.35448G	-50.53	-41.20	-9.33	2.00	0.00	-52.53	-55.04	-56.11
5.39G	8G	1M	AV	5.39131G	-53.89	-41.20	-12.69	2.00	0.00	-55.89	-58.75	-59.06

802.11a_Nss1,(6Mbps)_2TX

5745MHz

CSE-PK

15/08/2020

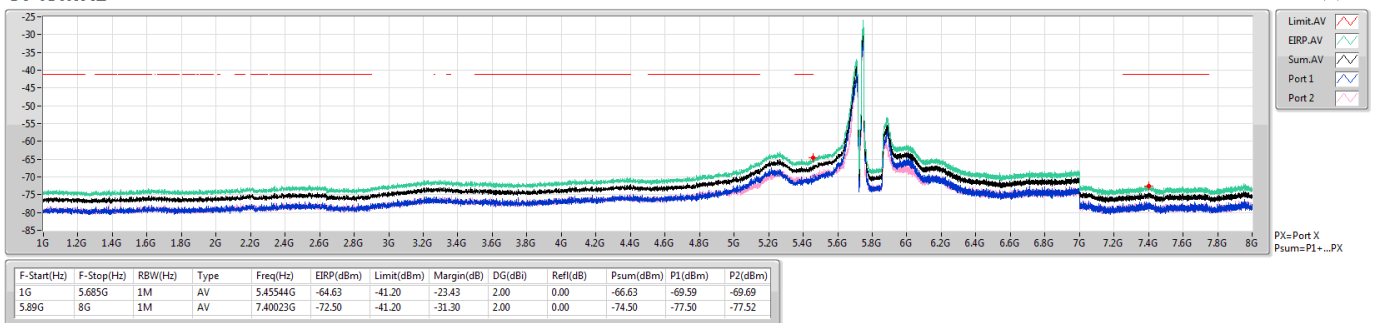


802.11a_Nss1,(6Mbps)_2TX

5745MHz

CSE-AV

15/08/2020

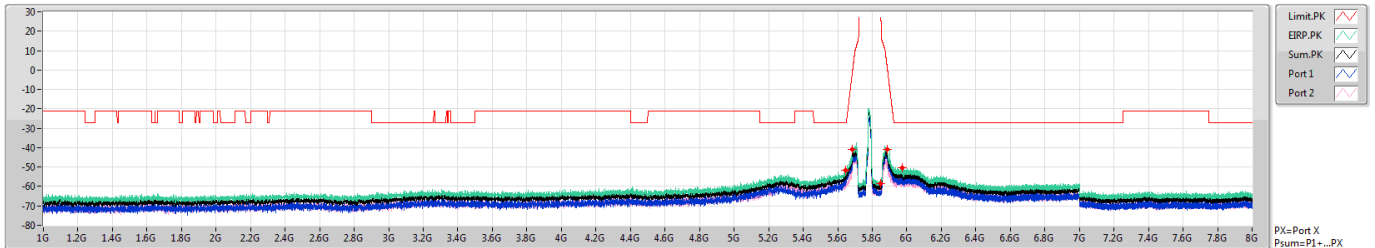


802.11a_Nss1,(6Mbps)_2TX

5785MHz

CSE-PK

15/08/2020



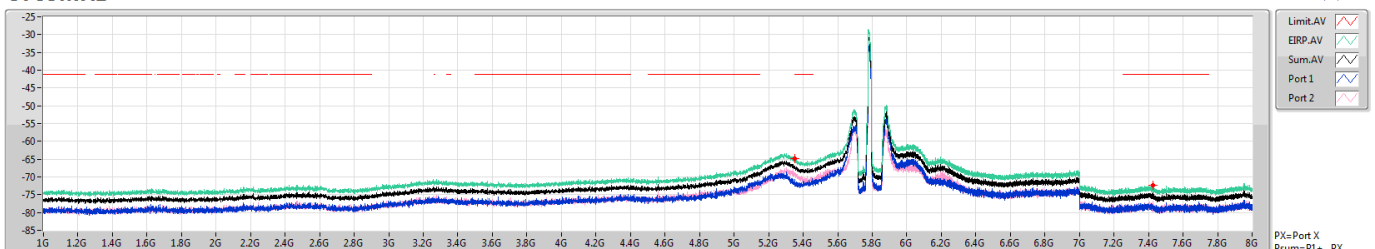
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.685G	1M	PK	5.64693G	-51.47	-27.00	-24.47	2.00	0.00	-53.47	-54.57	-59.98
5.685G	5.725G	1M	PK	5.68628G	-40.93	-0.15	-40.78	2.00	0.00	-42.93	-45.90	-45.98
5.725G	5.85G	1M	PK	5.85G	-58.48	27.00	-85.48	2.00	0.00	-60.48	-63.02	-64.02
5.85G	5.89G	1M	PK	5.8884G	-40.89	0.08	-40.97	2.00	0.00	-42.89	-44.64	-47.68
5.89G	8G	1M	PK	5.97335G	-50.22	-27.00	-23.22	2.00	0.00	-52.22	-55.21	-55.25

802.11a_Nss1,(6Mbps)_2TX

5785MHz

CSE-AV

15/08/2020

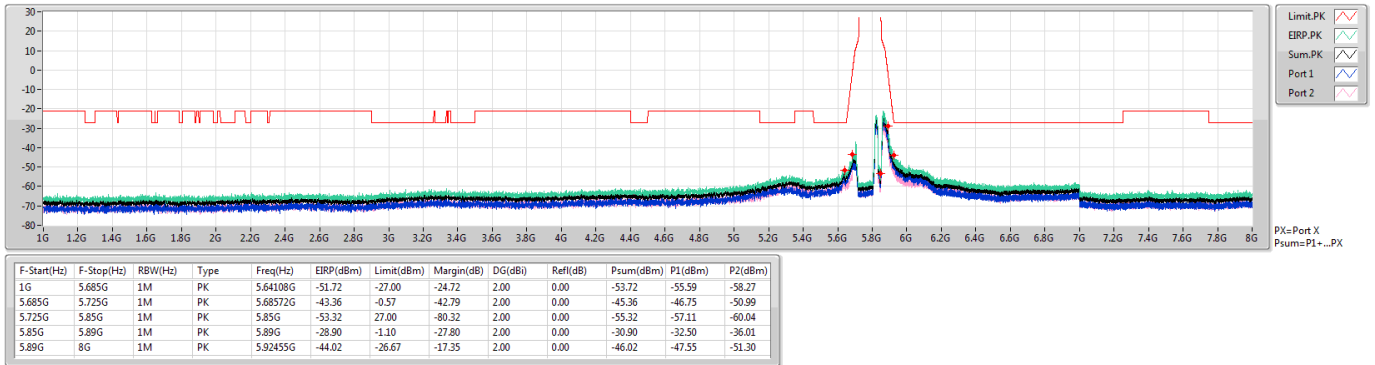


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.685G	1M	AV	5.35354G	-64.96	-41.20	-23.76	2.00	0.00	-66.96	-71.67	-68.75
5.89G	8G	1M	AV	7.42371G	-72.32	-41.20	-31.12	2.00	0.00	-74.32	-77.98	-76.77

802.11a_Nss1,(6Mbps)_2TX 5825MHz

CSE-PK

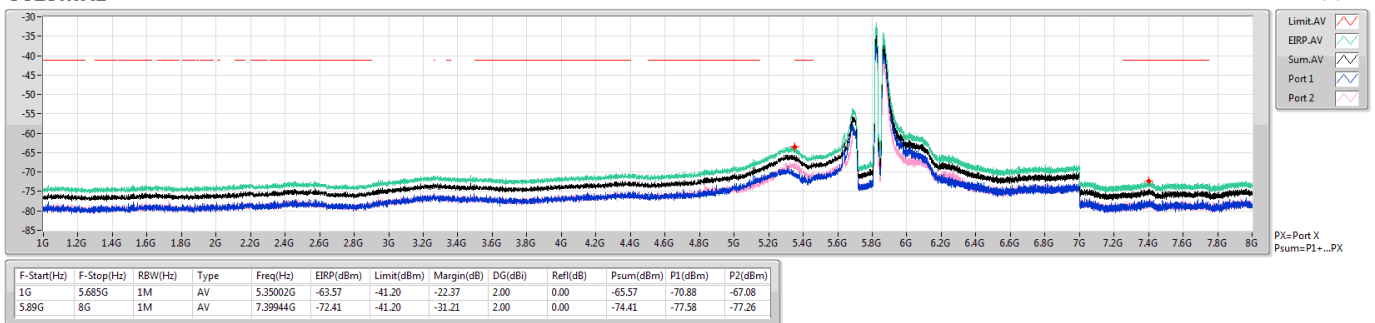
15/08/2020



802.11a_Nss1,(6Mbps)_2TX 5825MHz

CSE-AV

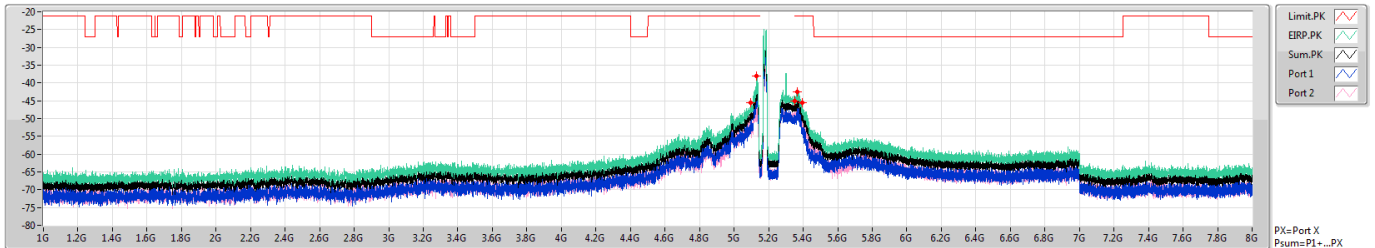
15/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5180MHz

CSE-PK

14/08/2020

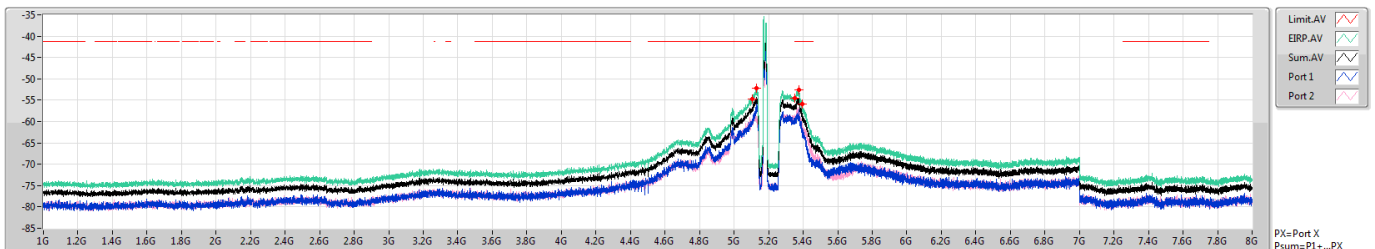


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.11G	1M	PK	5.09716G	-45.63	-21.20	-24.43	2.00	0.00	-47.63	-49.54	-52.12
5.11G	5.15G	1M	PK	5.13096G	-37.96	-21.20	-16.76	2.00	0.00	-39.96	-40.54	-48.97
5.15G	5.35G	1M	PK	5.35G	-45.09	-21.20	-23.89	2.00	0.00	-47.09	-50.55	-49.69
5.35G	5.39G	1M	PK	5.36568G	-42.45	-21.20	-21.25	2.00	0.00	-44.45	-48.38	-46.70
5.39G	8G	1M	PK	5.39424G	-45.45	-21.20	-24.25	2.00	0.00	-47.45	-53.28	-48.77

802.11ax HEW20_Nss1,(MCS0)_2TX 5180MHz

CSE-AV

14/08/2020

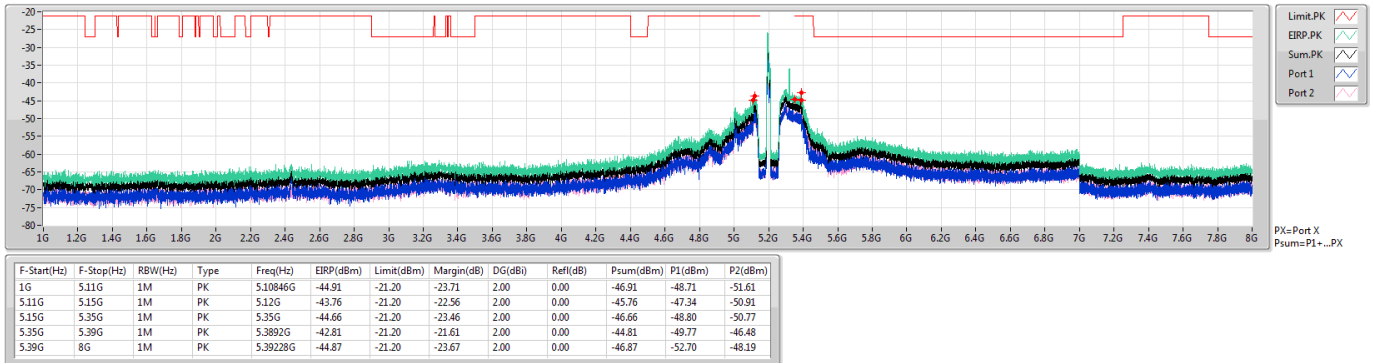


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.11G	1M	AV	5.10589G	-54.63	-41.20	-13.43	2.00	0.00	-56.63	-59.91	-59.39
5.11G	5.15G	1M	AV	5.12912G	-52.27	-41.20	-11.07	2.00	0.00	-54.27	-55.56	-60.18
5.15G	5.35G	1M	AV	5.35G	-54.47	-41.20	-13.27	2.00	0.00	-56.47	-60.36	-58.75
5.35G	5.39G	1M	AV	5.37608G	-52.65	-41.20	-11.45	2.00	0.00	-54.65	-57.30	-58.05
5.39G	8G	1M	AV	5.39326G	-55.99	-41.20	-14.79	2.00	0.00	-57.99	-61.81	-60.32

802.11ax HEW20_Nss1,(MCS0)_2TX 5200MHz

CSE-PK

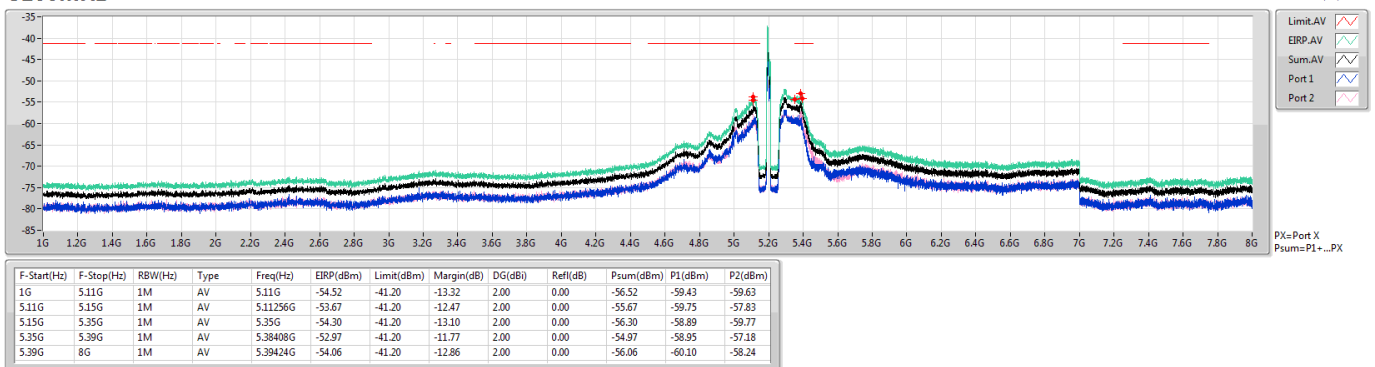
14/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5200MHz

CSE-AV

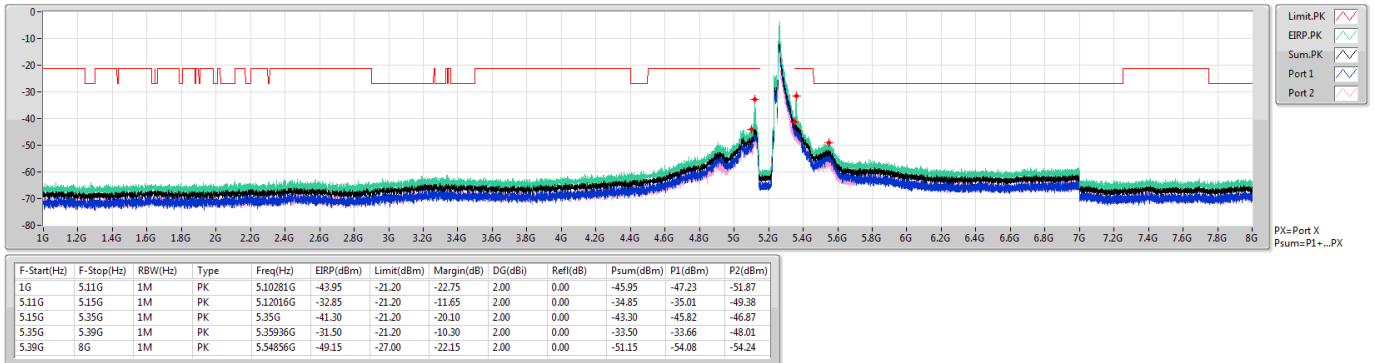
14/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5240MHz

CSE-PK

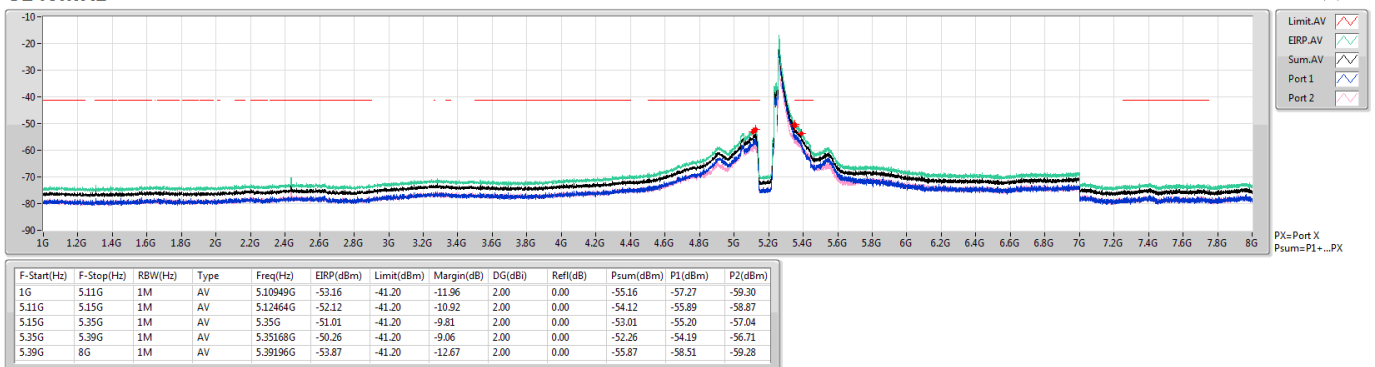
14/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5240MHz

CSE-AV

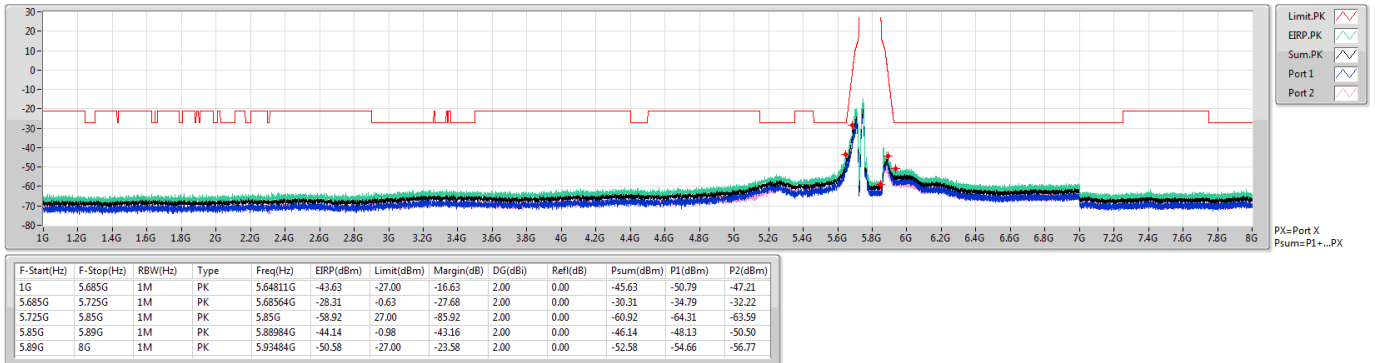
14/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5745MHz

CSE-PK

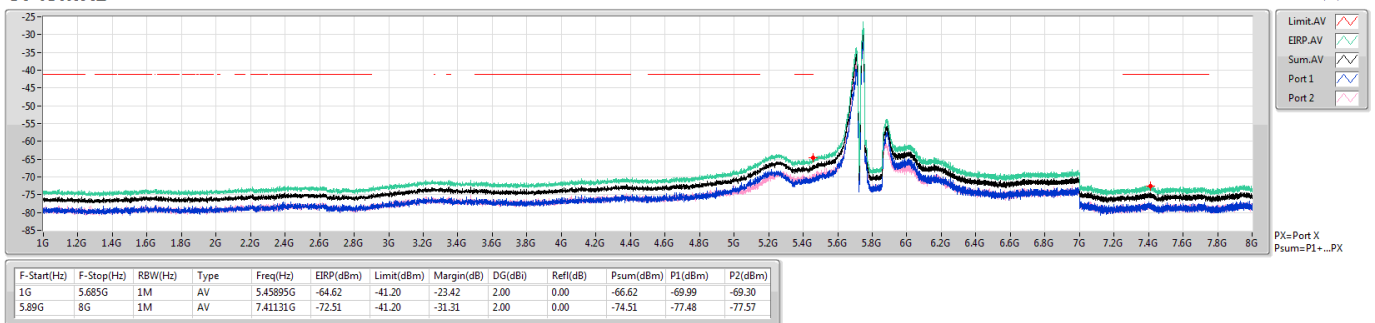
15/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5745MHz

CSE-AV

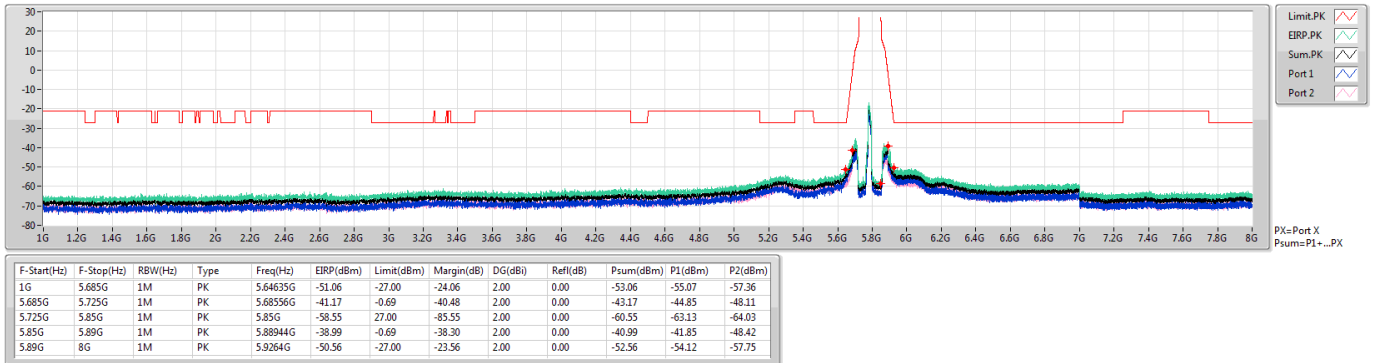
15/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5785MHz

CSE-PK

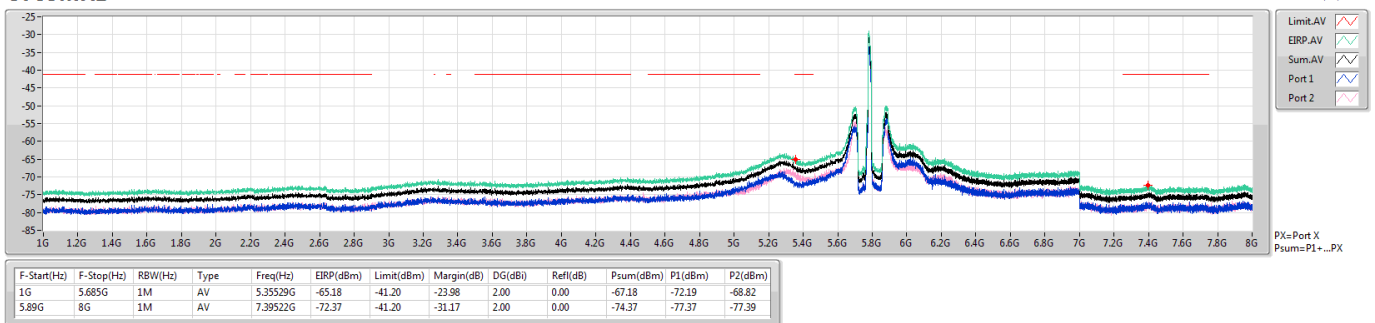
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802.11ax HEW20_Nss1,(MCS0)_2TX 5785MHz

CSE-AV

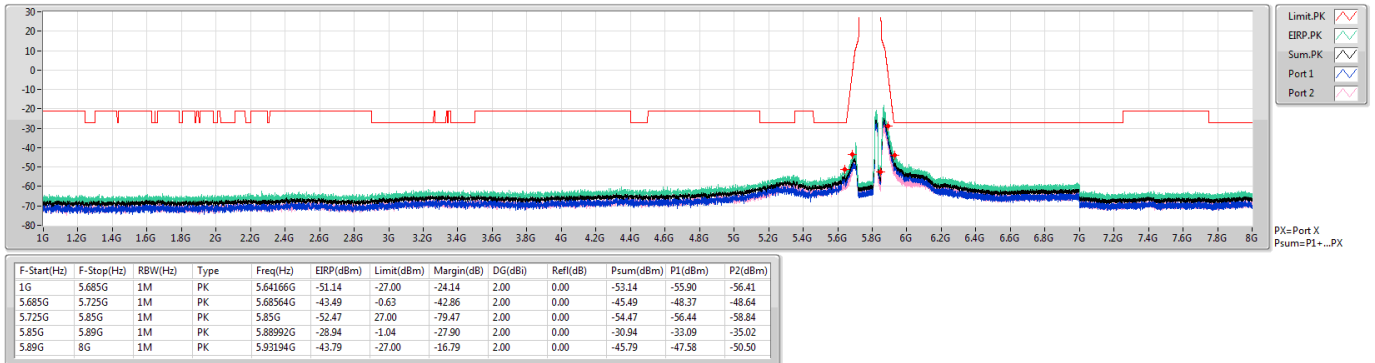
15/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5825MHz

CSE-PK

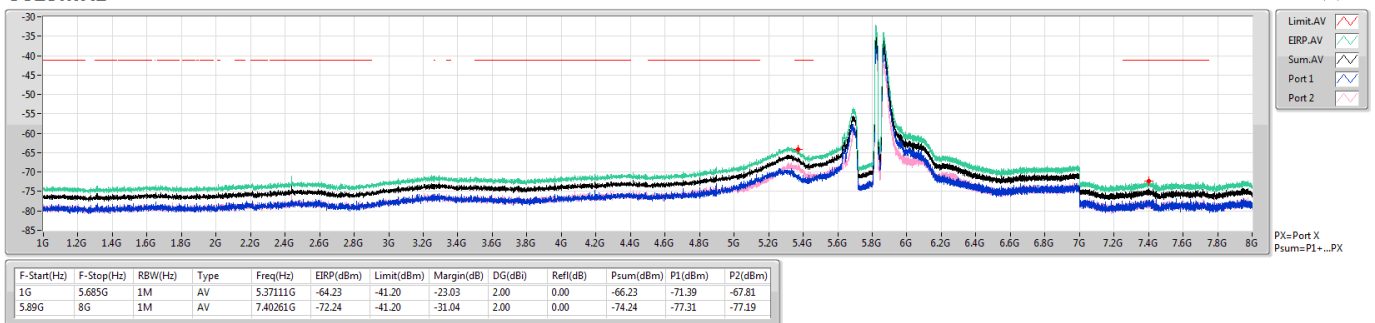
15/08/2020



802.11ax HEW20_Nss1,(MCS0)_2TX 5825MHz

CSE-AV

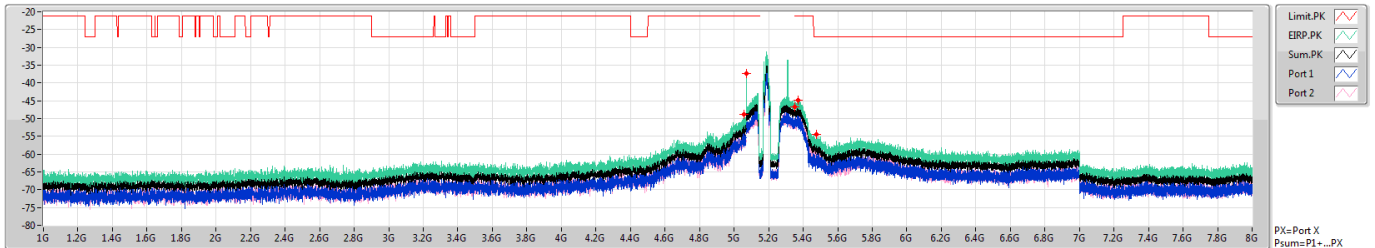
15/08/2020



802.11ax HEW40_Nss1,(MCS0)_2TX 5190MHz

CSE-PK

14/08/2020

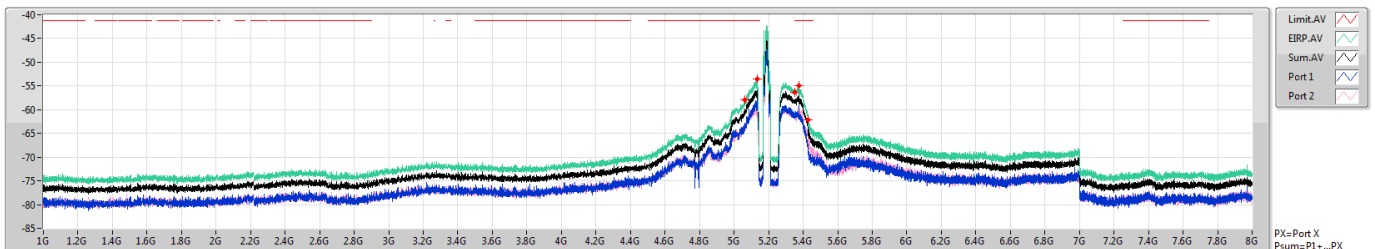


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.07G	1M	PK	5.05728G	-48.75	-21.20	-27.55	2.00	0.00	-50.75	-53.75	-53.78
5.07G	5.15G	1M	PK	5.07016G	-37.30	-21.20	-16.10	2.00	0.00	-39.30	-39.50	-52.66
5.15G	5.35G	1M	PK	5.35G	-46.62	-21.20	-25.42	2.00	0.00	-48.62	-51.61	-51.66
5.35G	5.43G	1M	PK	5.37G	-44.95	-21.20	-23.75	2.00	0.00	-46.95	-48.99	-51.20
5.43G	8G	1M	PK	5.47883G	-54.35	-27.00	-27.35	2.00	0.00	-56.35	-60.09	-58.74

802.11ax HEW40_Nss1,(MCS0)_2TX 5190MHz

CSE-AV

14/08/2020

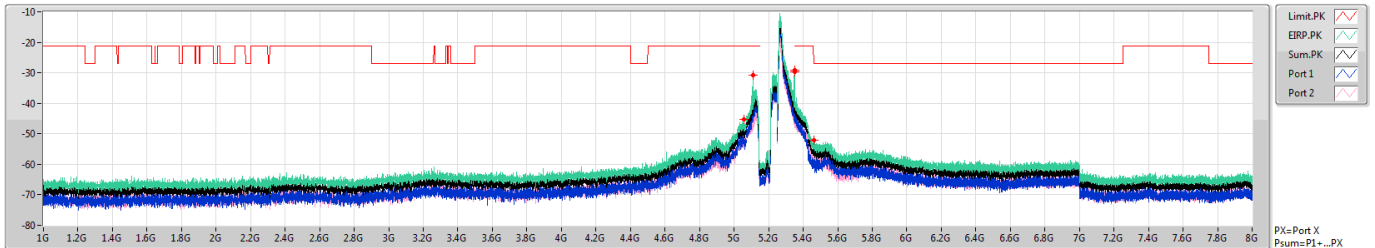


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.07G	1M	AV	5.0639G	-57.91	-41.20	-16.71	2.00	0.00	-59.91	-62.93	-62.92
5.07G	5.15G	1M	AV	5.1324G	-53.51	-41.20	-12.31	2.00	0.00	-55.51	-57.72	-59.49
5.15G	5.35G	1M	AV	5.35G	-56.30	-41.20	-15.10	2.00	0.00	-58.30	-60.77	-61.93
5.35G	5.43G	1M	AV	5.37608G	-54.88	-41.20	-13.68	2.00	0.00	-56.88	-58.96	-61.07
5.43G	8G	1M	AV	5.43096G	-62.08	-41.20	-20.88	2.00	0.00	-64.08	-68.46	-66.05

802.11ax HEW40_Nss1,(MCS0)_2TX 5230MHz

CSE-PK

14/08/2020

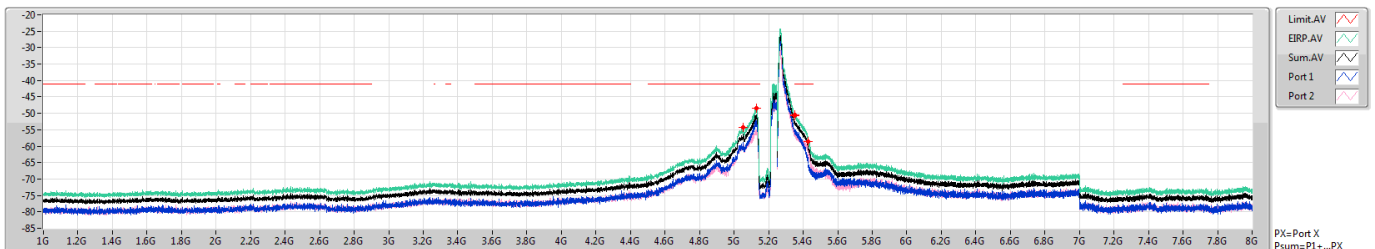


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.07G	1M	PK	5.05576G	-45.34	-21.20	-24.14	2.00	0.00	-47.34	-49.53	-51.35
5.07G	5.15G	1M	PK	5.1084G	-30.80	-21.20	-9.60	2.00	0.00	-32.80	-32.98	-46.79
5.15G	5.35G	1M	PK	5.35G	-29.23	-21.20	-8.03	2.00	0.00	-31.23	-31.36	-46.40
5.35G	5.43G	1M	PK	5.35048G	-29.56	-21.20	-8.36	2.00	0.00	-31.56	-31.73	-45.62
5.43G	8G	1M	PK	5.46052G	-52.14	-27.00	-25.14	2.00	0.00	-54.14	-59.29	-55.73

802.11ax HEW40_Nss1,(MCS0)_2TX 5230MHz

CSE-AV

14/08/2020

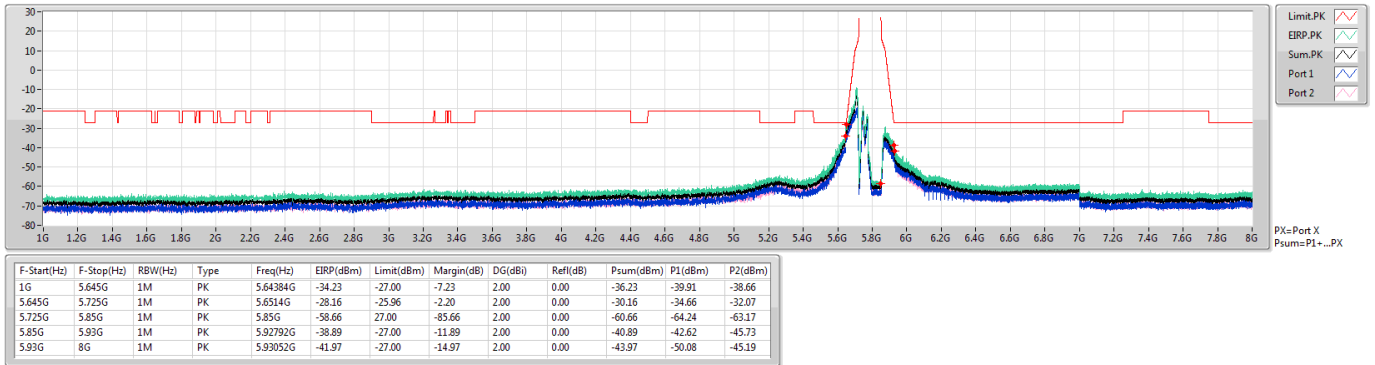


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.07G	1M	AV	5.05423G	-54.36	-41.20	-13.16	2.00	0.00	-56.36	-58.79	-60.05
5.07G	5.15G	1M	AV	5.12776G	-48.49	-41.20	-7.29	2.00	0.00	-50.49	-52.23	-55.29
5.15G	5.35G	1M	AV	5.35G	-50.75	-41.20	-9.55	2.00	0.00	-52.75	-55.48	-56.07
5.35G	5.43G	1M	AV	5.35064G	-50.49	-41.20	-9.29	2.00	0.00	-52.49	-55.06	-55.98
5.43G	8G	1M	AV	5.43032G	-58.52	-41.20	-17.32	2.00	0.00	-60.52	-65.76	-62.06

802.11ax HEW40_Nss1,(MCS0)_2TX 5755MHz

CSE-PK

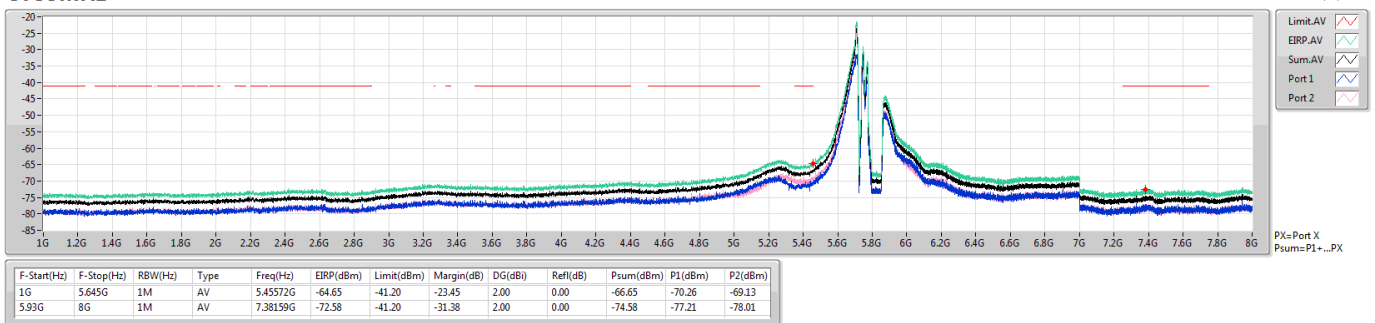
15/08/2020



802.11ax HEW40_Nss1,(MCS0)_2TX 5755MHz

CSE-AV

15/08/2020

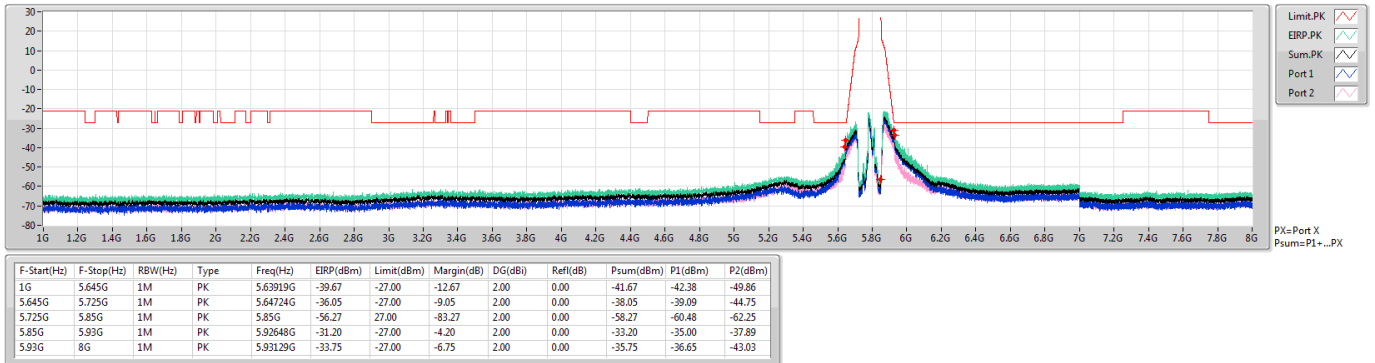




802.11ax HEW40_Nss1,(MCS0)_2TX
5795MHz

CSE-PK

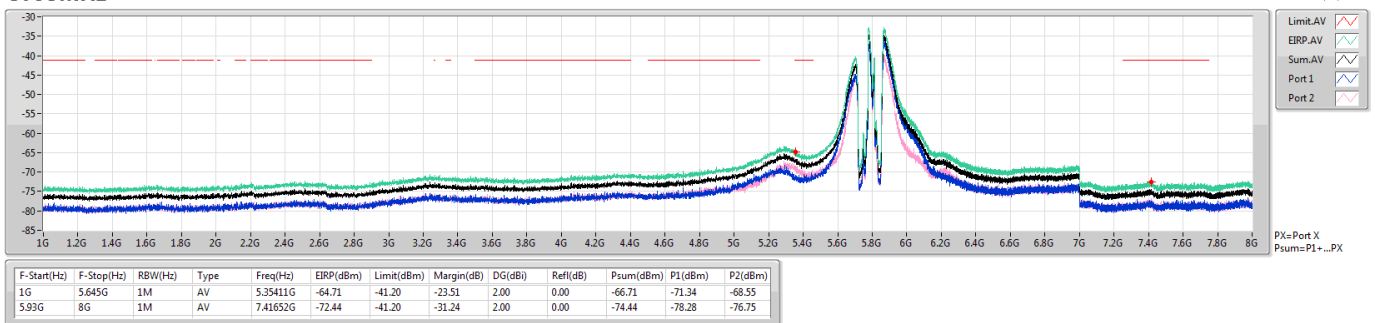
15/08/2020



802.11ax HEW40_Nss1,(MCS0)_2TX
5795MHz

CSE-AV

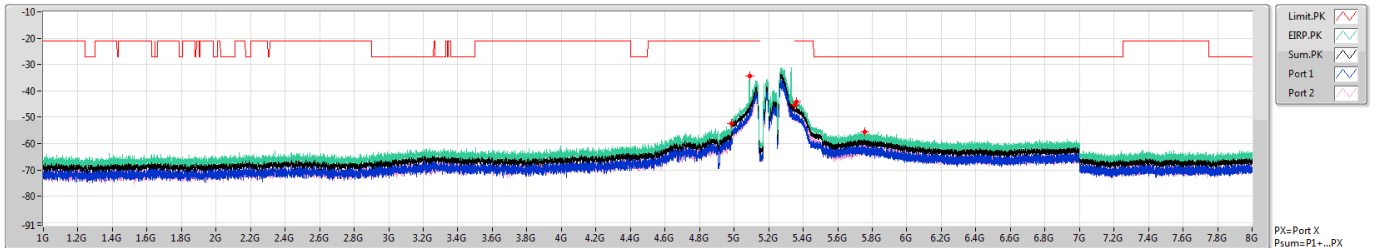
15/08/2020



802.11ax HEW80_Nss1,(MCS0)_2TX 5210MHz

CSE-PK

14/08/2020

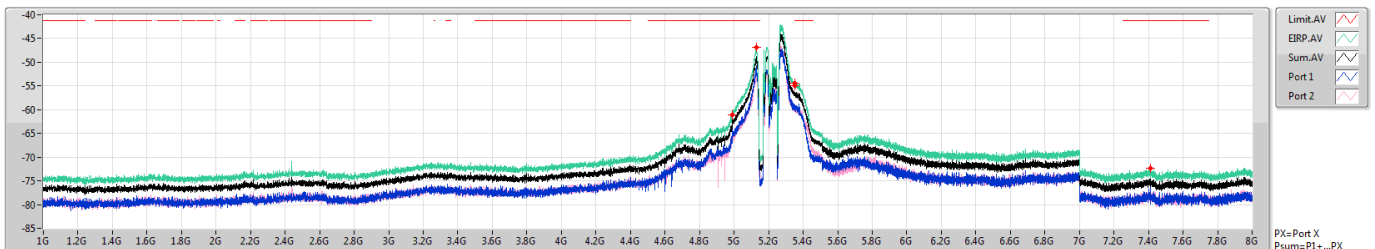


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.99G	1M	PK	4.98451G	-52.53	-21.20	-31.33	2.00	0.00	-54.53	-58.60	-56.69
4.99G	5.15G	1M	PK	5.0908G	-34.31	-21.20	-13.11	2.00	0.00	-36.31	-36.47	-50.74
5.15G	5.35G	1M	PK	5.35G	-45.40	-21.20	-24.20	2.00	0.00	-47.40	-50.13	-50.71
5.35G	5.51G	1M	PK	5.3628G	-44.18	-21.20	-22.98	2.00	0.00	-46.18	-50.15	-48.41
5.51G	8G	1M	PK	5.75558G	-55.56	-27.00	-28.56	2.00	0.00	-57.56	-61.23	-60.00

802.11ax HEW80_Nss1,(MCS0)_2TX 5210MHz

CSE-AV

14/08/2020

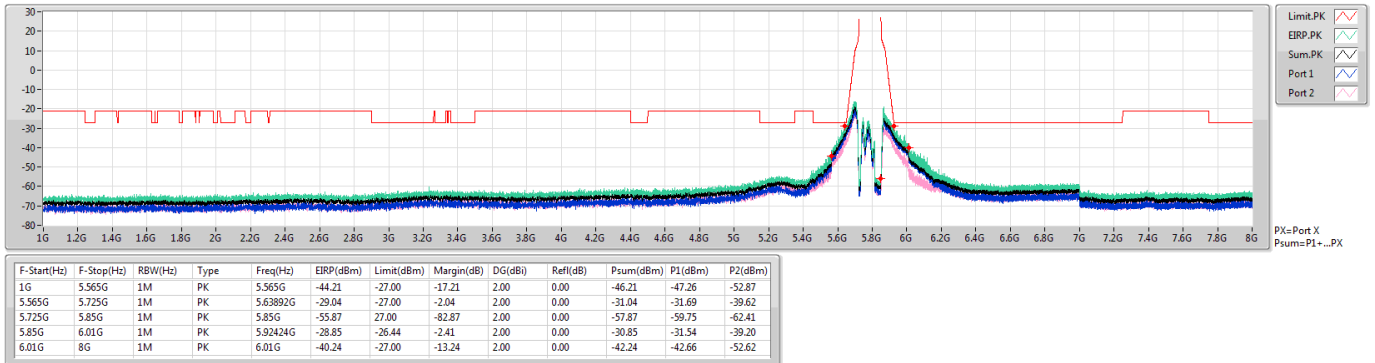


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	4.99G	1M	AV	4.9885G	-61.07	-41.20	-19.87	2.00	0.00	-63.07	-65.88	-66.28
4.99G	5.15G	1M	AV	5.13048G	-46.86	-41.20	-5.66	2.00	0.00	-48.86	-50.76	-53.37
5.15G	5.35G	1M	AV	5.35G	-54.91	-41.20	-13.71	2.00	0.00	-56.91	-59.64	-60.21
5.35G	5.51G	1M	AV	5.35384G	-54.37	-41.20	-13.17	2.00	0.00	-56.37	-59.32	-59.45
5.51G	8G	1M	AV	7.40925G	-72.33	-41.20	-31.13	2.00	0.00	-74.33	-76.60	-78.23

802.11ax HEW80_Nss1,(MCS0)_2TX 5775MHz

CSE-PK

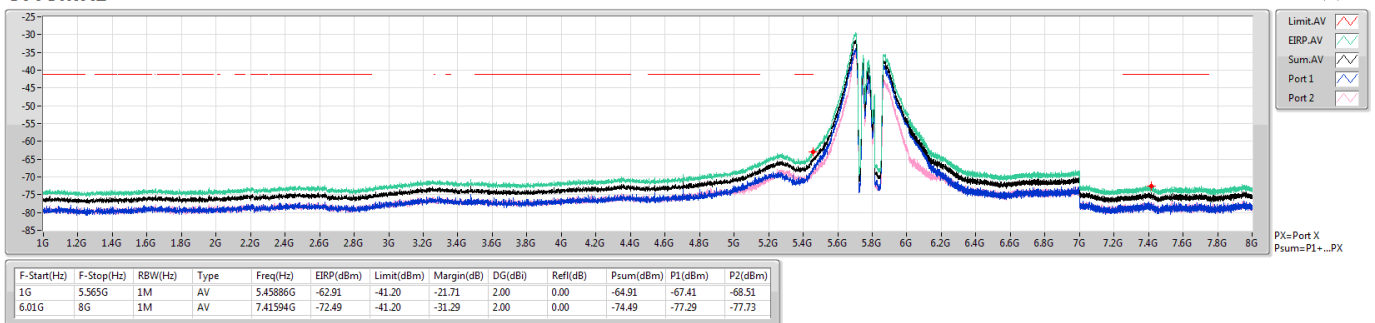
15/08/2020



802.11ax HEW80_Nss1,(MCS0)_2TX 5775MHz

CSE-AV

15/08/2020



**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	12G	40G	AV	15.605G	2.00	-63.56	-77.20	-63.38	-61.38	-41.20	-20.18
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	15.731G	2.00	-66.01	-77.34	-65.70	-63.70	-41.20	-22.50
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	15.675G	2.00	-71.87	-83.11	-71.56	-69.56	-41.20	-28.36
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.993G	2.00	-80.04	-79.88	-76.95	-74.95	-41.20	-33.75
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	12G	40G	PK	17.2325G	2.00	-47.49	-54.58	-46.71	-44.71	-27.00	-17.71
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	12G	40G	PK	17.2325G	2.00	-47.31	-57.65	-46.93	-44.93	-27.00	-17.93
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	PK	17.264G	2.00	-50.94	-61.74	-50.59	-48.59	-27.00	-21.59
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	8G	12G	AV	11.564G	2.00	-80.00	-75.18	-73.94	-71.94	-41.20	-30.74

DG = Directional Gain;

PX=Port X; Psum=P1+.P2+...PX



CSE TX above 1GHz (8GHz ~ 40GHz) Result_Ant.3

Appendix E.4

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	11.268G	2.00	-85.37	-85.72	-82.53	-80.53	-41.20	-39.33
5180MHz	Pass	12G	40G	AV	15.535G	2.00	-74.78	-83.77	-74.26	-72.26	-41.20	-31.06
5180MHz	Pass	8G	12G	PK	10.3605G	2.00	-77.02	-68.78	-68.17	-66.17	-27.00	-39.17
5180MHz	Pass	12G	40G	PK	38.4845G	2.00	-72.00	-72.33	-69.15	-67.15	-27.00	-40.15
5200MHz	Pass	8G	12G	AV	11.2625G	2.00	-85.35	-85.47	-82.40	-80.40	-41.20	-39.20
5200MHz	Pass	12G	40G	AV	15.605G	2.00	-63.56	-77.20	-63.38	-61.38	-41.20	-20.18
5200MHz	Pass	8G	12G	PK	10.4025G	2.00	-66.92	-66.85	-63.87	-61.87	-27.00	-34.87
5200MHz	Pass	12G	40G	PK	15.605G	2.00	-55.23	-71.95	-55.14	-53.14	-21.20	-31.94
5240MHz	Pass	8G	12G	AV	11.9G	2.00	-85.47	-85.08	-82.26	-80.26	-41.20	-39.06
5240MHz	Pass	12G	40G	AV	15.724G	2.00	-64.71	-76.59	-64.44	-62.44	-41.20	-21.24
5240MHz	Pass	8G	12G	PK	10.474G	2.00	-72.89	-61.43	-61.13	-59.13	-27.00	-32.13
5240MHz	Pass	12G	40G	PK	15.7205G	2.00	-57.64	-67.91	-57.25	-55.25	-21.20	-34.05
5745MHz	Pass	8G	12G	AV	11.4905G	2.00	-72.82	-68.33	-67.01	-65.01	-41.20	-23.81
5745MHz	Pass	12G	40G	AV	22.9795G	2.00	-75.45	-83.07	-74.76	-72.76	-41.20	-31.56
5745MHz	Pass	8G	12G	PK	11.4925G	2.00	-67.66	-58.14	-57.68	-55.68	-21.20	-34.48
5745MHz	Pass	12G	40G	PK	17.2325G	2.00	-47.49	-54.58	-46.71	-44.71	-27.00	-17.71
5785MHz	Pass	8G	12G	AV	11.572G	2.00	-77.24	-67.37	-66.94	-64.94	-41.20	-23.74
5785MHz	Pass	12G	40G	AV	23.1195G	2.00	-79.56	-76.14	-74.51	-72.51	-41.20	-31.31
5785MHz	Pass	8G	12G	PK	11.572G	2.00	-67.95	-57.70	-57.31	-55.31	-21.20	-34.11
5785MHz	Pass	12G	40G	PK	17.362G	2.00	-51.95	-54.61	-50.07	-48.07	-27.00	-21.07
5825MHz	Pass	8G	12G	AV	11.6505G	2.00	-72.08	-72.41	-69.23	-67.23	-41.20	-26.03
5825MHz	Pass	12G	40G	AV	39.034G	2.00	-80.09	-80.05	-77.06	-75.06	-41.20	-33.86
5825MHz	Pass	8G	12G	PK	11.6455G	2.00	-62.42	-66.57	-61.01	-59.01	-21.20	-37.81
5825MHz	Pass	12G	40G	PK	17.474G	2.00	-57.55	-54.26	-52.59	-50.59	-27.00	-23.59
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	11.288G	2.00	-85.03	-85.86	-82.41	-80.41	-41.20	-39.21
5180MHz	Pass	12G	40G	AV	15.528G	2.00	-74.44	-83.81	-73.96	-71.96	-41.20	-30.76
5180MHz	Pass	8G	12G	PK	10.3665G	2.00	-77.36	-69.74	-69.05	-67.05	-27.00	-40.05
5180MHz	Pass	8G	12G	PK	10.371G	2.00	-76.90	-69.49	-68.77	-66.77	-27.00	-39.77
5180MHz	Pass	12G	40G	PK	38.439G	2.00	-70.04	-74.76	-68.78	-66.78	-27.00	-39.78
5200MHz	Pass	8G	12G	AV	11.2885G	2.00	-84.97	-86.19	-82.53	-80.53	-41.20	-39.33
5200MHz	Pass	12G	40G	AV	15.605G	2.00	-70.16	-81.58	-69.86	-67.86	-41.20	-26.66
5200MHz	Pass	8G	12G	PK	10.4025G	2.00	-68.73	-72.85	-67.31	-65.31	-27.00	-38.31
5200MHz	Pass	12G	40G	PK	15.612G	2.00	-62.46	-76.38	-62.29	-60.29	-21.20	-39.09
5240MHz	Pass	8G	12G	AV	11.906G	2.00	-85.46	-85.48	-82.46	-80.46	-41.20	-39.26
5240MHz	Pass	12G	40G	AV	15.731G	2.00	-66.01	-77.34	-65.70	-63.70	-41.20	-22.50
5240MHz	Pass	8G	12G	PK	10.4845G	2.00	-67.92	-64.23	-62.68	-60.68	-27.00	-33.68
5240MHz	Pass	12G	40G	PK	15.731G	2.00	-56.54	-71.61	-56.41	-54.41	-21.20	-33.21
5745MHz	Pass	8G	12G	AV	11.494G	2.00	-74.68	-66.73	-66.08	-64.08	-41.20	-22.88
5745MHz	Pass	12G	40G	AV	22.9795G	2.00	-75.26	-81.76	-74.38	-72.38	-41.20	-31.18
5745MHz	Pass	8G	12G	PK	11.496G	2.00	-64.63	-60.02	-58.73	-56.73	-21.20	-35.53
5745MHz	Pass	8G	12G	PK	11.5005G	2.00	-64.48	-59.08	-57.98	-55.98	-21.20	-34.78
5745MHz	Pass	12G	40G	PK	17.2325G	2.00	-47.31	-57.65	-46.93	-44.93	-27.00	-17.93
5785MHz	Pass	8G	12G	AV	11.57G	2.00	-74.58	-69.22	-68.11	-66.11	-41.20	-24.91
5785MHz	Pass	12G	40G	AV	23.1195G	2.00	-80.67	-75.41	-74.28	-72.28	-41.20	-31.08
5785MHz	Pass	8G	12G	PK	11.5725G	2.00	-67.81	-57.83	-57.41	-55.41	-21.20	-34.21
5785MHz	Pass	12G	40G	PK	17.355G	2.00	-53.14	-52.81	-49.96	-47.96	-27.00	-20.96
5825MHz	Pass	8G	12G	AV	11.6505G	2.00	-72.00	-72.52	-69.24	-67.24	-41.20	-26.04
5825MHz	Pass	12G	40G	AV	39.076G	2.00	-80.12	-80.16	-77.13	-75.13	-41.20	-33.93
5825MHz	Pass	8G	12G	PK	11.6575G	2.00	-64.64	-63.36	-60.94	-58.94	-21.20	-37.74
5825MHz	Pass	12G	40G	PK	17.481G	2.00	-53.79	-54.78	-51.25	-49.25	-27.00	-22.25



CSE TX above 1GHz (8GHz ~ 40GHz) Result_Ant.3

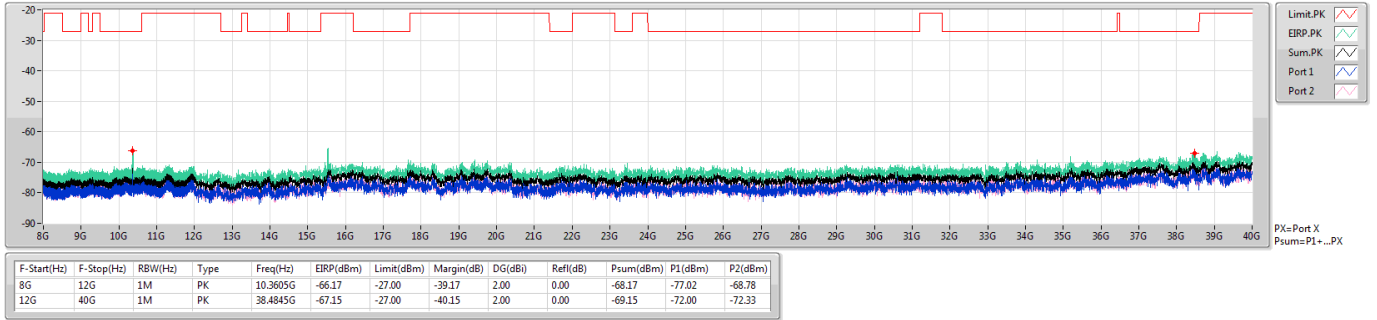
Appendix E.4

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8G	12G	AV	11.287G	2.00	-84.91	-85.80	-82.32	-80.32	-41.20	-39.12
5190MHz	Pass	12G	40G	AV	38.74G	2.00	-79.82	-80.35	-77.07	-75.07	-41.20	-33.87
5190MHz	Pass	8G	12G	PK	10.382G	2.00	-76.45	-72.96	-71.35	-69.35	-27.00	-42.35
5190MHz	Pass	12G	40G	PK	38.4145G	2.00	-73.09	-71.95	-69.47	-67.47	-27.00	-40.47
5230MHz	Pass	8G	12G	AV	11.2815G	2.00	-85.83	-85.24	-82.51	-80.51	-41.20	-39.31
5230MHz	Pass	12G	40G	AV	15.675G	2.00	-71.87	-83.11	-71.56	-69.56	-41.20	-28.36
5230MHz	Pass	8G	12G	PK	10.4735G	2.00	-73.47	-68.84	-67.55	-65.55	-27.00	-38.55
5230MHz	Pass	12G	40G	PK	38.4075G	2.00	-71.66	-72.07	-68.85	-66.85	-27.00	-39.85
5755MHz	Pass	8G	12G	AV	11.5115G	2.00	-73.73	-69.66	-68.22	-66.22	-41.20	-25.02
5755MHz	Pass	12G	40G	AV	23.018G	2.00	-78.30	-81.06	-76.45	-74.45	-41.20	-33.25
5755MHz	Pass	8G	12G	PK	11.5205G	2.00	-64.42	-59.45	-58.25	-56.25	-21.20	-35.05
5755MHz	Pass	12G	40G	PK	17.264G	2.00	-50.94	-61.74	-50.59	-48.59	-27.00	-21.59
5795MHz	Pass	8G	12G	AV	11.5905G	2.00	-75.11	-69.99	-68.83	-66.83	-41.20	-25.63
5795MHz	Pass	12G	40G	AV	38.74G	2.00	-80.06	-80.20	-77.12	-75.12	-41.20	-33.92
5795MHz	Pass	8G	12G	PK	11.5895G	2.00	-63.92	-61.03	-59.23	-57.23	-21.20	-36.03
5795MHz	Pass	12G	40G	PK	17.397G	2.00	-51.55	-64.61	-51.34	-49.34	-27.00	-22.34
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8G	12G	AV	11.31G	2.00	-85.50	-85.27	-82.37	-80.37	-41.20	-39.17
5210MHz	Pass	12G	40G	AV	39.993G	2.00	-80.04	-79.88	-76.95	-74.95	-41.20	-33.75
5210MHz	Pass	8G	12G	PK	10.1815G	2.00	-77.53	-75.76	-73.55	-71.55	-27.00	-44.55
5210MHz	Pass	8G	12G	PK	10.4075G	2.00	-76.40	-77.86	-74.06	-72.06	-27.00	-45.06
5210MHz	Pass	12G	40G	PK	37.5745G	2.00	-72.06	-72.75	-69.38	-67.38	-27.00	-40.38
5775MHz	Pass	8G	12G	AV	11.564G	2.00	-80.00	-75.18	-73.94	-71.94	-41.20	-30.74
5775MHz	Pass	12G	40G	AV	38.733G	2.00	-80.45	-79.58	-76.98	-74.98	-41.20	-33.78
5775MHz	Pass	8G	12G	PK	11.565G	2.00	-70.52	-65.94	-64.64	-62.64	-21.20	-41.44
5775MHz	Pass	12G	40G	PK	17.3515G	2.00	-60.18	-72.45	-59.93	-57.93	-27.00	-30.93

DG = Directional Gain;
PX=Port X; Psum=P1+P2+...PX

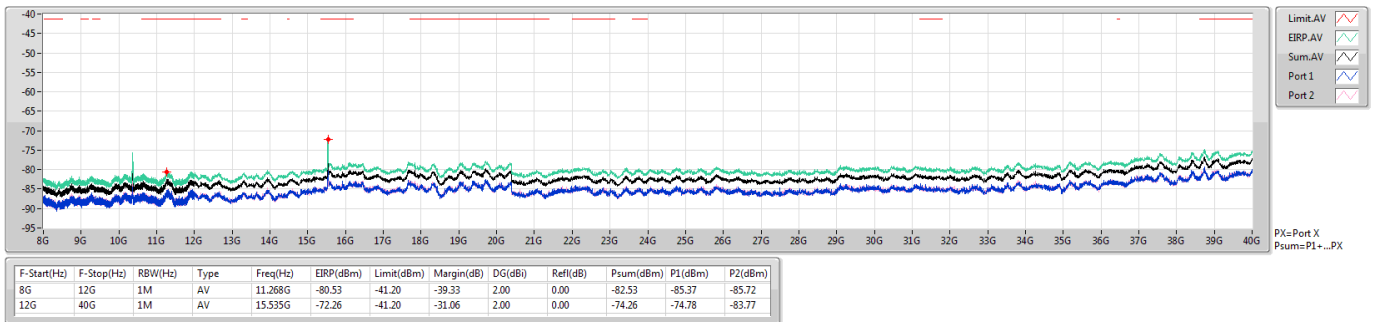
802.11a_Nss1,(6Mbps)_2TX

5180MHz



802.11a_Nss1,(6Mbps)_2TX

5180MHz

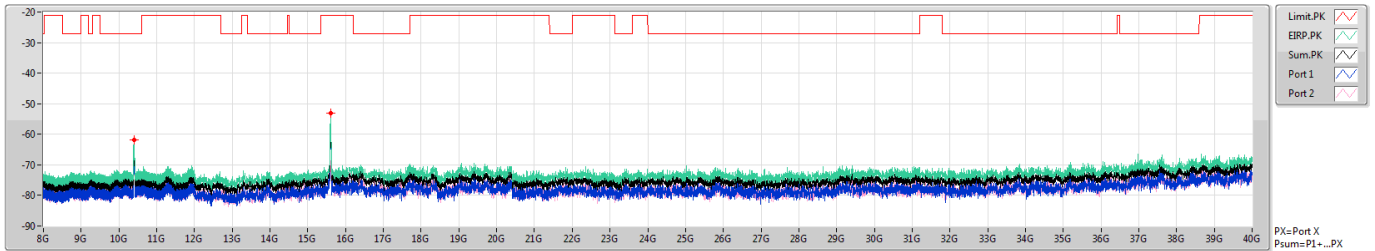


802.11a_Nss1,(6Mbps)_2TX

5200MHz

CSE-PK

15/08/2020

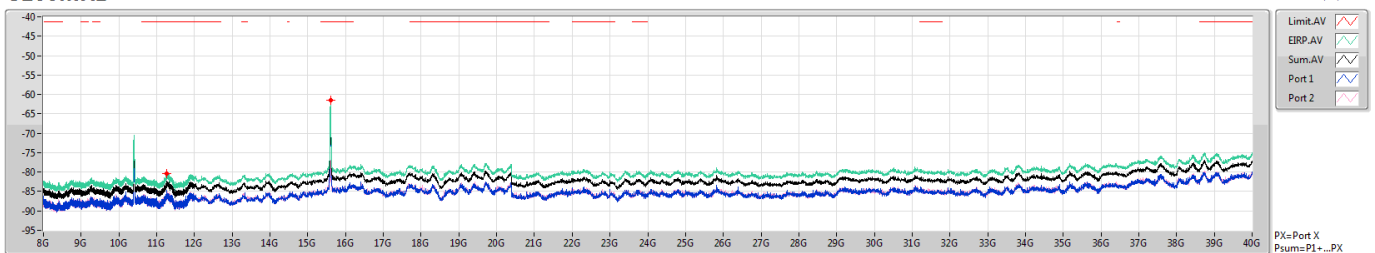


802.11a_Nss1,(6Mbps)_2TX

5200MHz

CSE-AV

15/08/2020

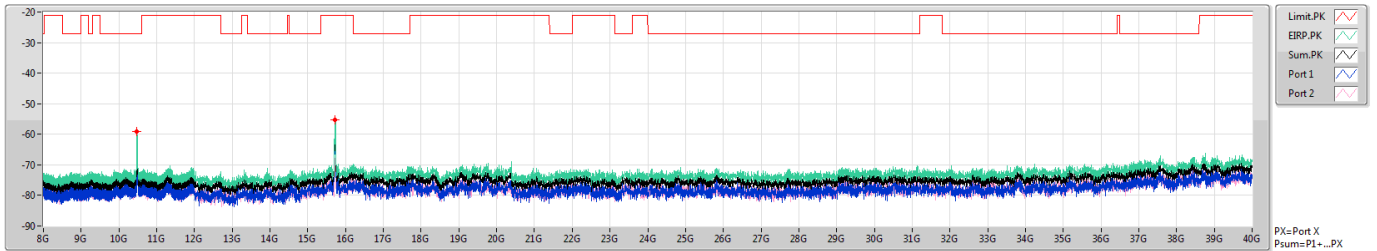


802.11a_Nss1,(6Mbps)_2TX

5240MHz

CSE-PK

15/08/2020



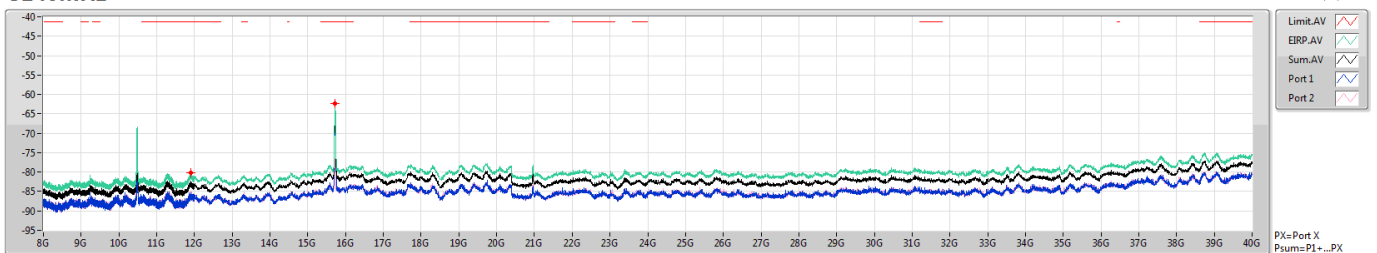
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8G	12G	1M	PK	10.474G	-59.13	-27.00	-32.13	2.00	0.00	-61.13	-72.89	-61.43
12G	40G	1M	PK	15.7205G	-55.25	-21.20	-34.05	2.00	0.00	-57.25	-57.64	-67.91

802.11a_Nss1,(6Mbps)_2TX

5240MHz

CSE-AV

15/08/2020



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.9G	-80.26	-41.20	-39.06	2.00	0.00	-82.26	-85.47	-85.08
12G	40G	1M	AV	15.724G	-62.44	-41.20	-21.24	2.00	0.00	-64.44	-64.71	-76.59

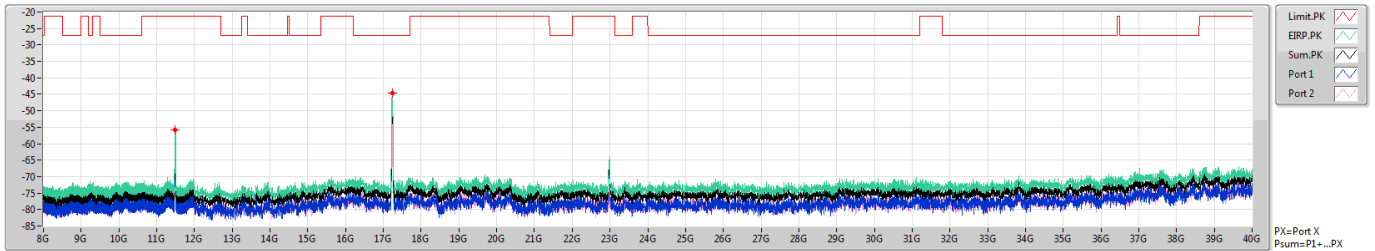


802.11a_Nss1,(6Mbps)_2TX

5745MHz

CSE-PK

15/08/2020



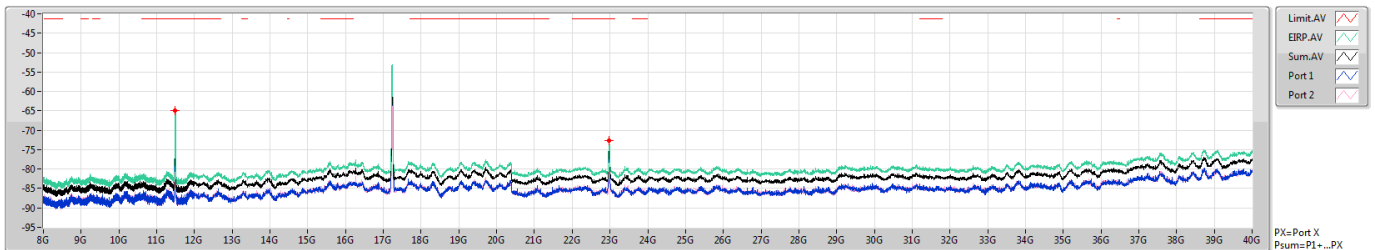
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8G	12G	1M	PK	11.4925G	-55.68	-21.20	-34.48	2.00	0.00	-57.68	-67.66	-58.14
12G	40G	1M	PK	17.2325G	-44.71	-27.00	-17.71	2.00	0.00	-46.71	-47.49	-54.58

802.11a_Nss1,(6Mbps)_2TX

5745MHz

CSE-AV

15/08/2020



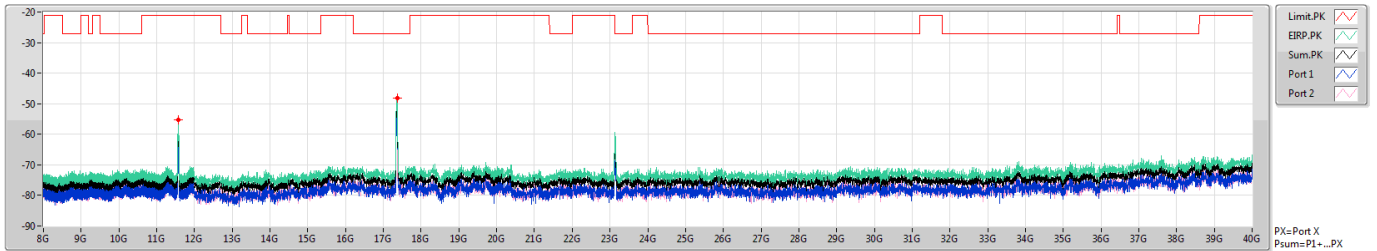
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.4905G	-65.01	-41.20	-23.81	2.00	0.00	-67.01	-72.82	-68.33
12G	40G	1M	AV	22.9795G	-72.76	-41.20	-31.56	2.00	0.00	-74.76	-75.45	-83.07

802.11a_Nss1,(6Mbps)_2TX

5785MHz

CSE-PK

15/08/2020



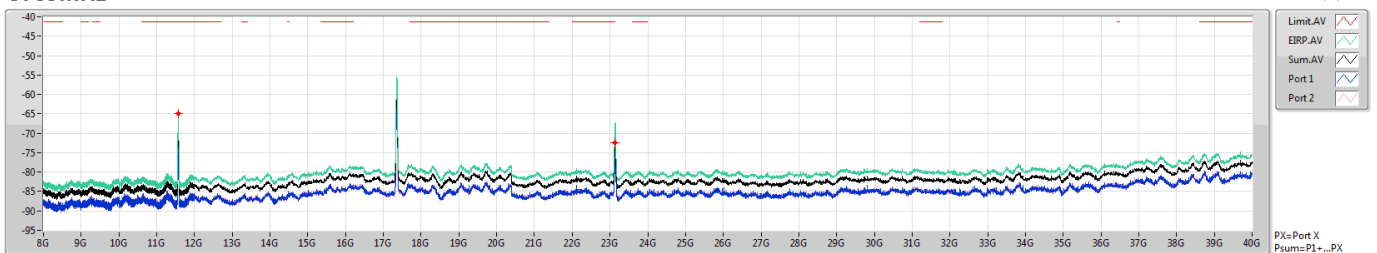
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8G	12G	1M	PK	11.572G	-55.31	-21.20	-34.11	2.00	0.00	-57.31	-67.95	-57.70
12G	40G	1M	PK	17.362G	-48.07	-27.00	-21.07	2.00	0.00	-50.07	-51.95	-54.61

802.11a_Nss1,(6Mbps)_2TX

5785MHz

CSE-AV

15/08/2020



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.572G	-64.94	-41.20	-23.74	2.00	0.00	-66.94	-77.24	-67.37
12G	40G	1M	AV	23.1195G	-72.51	-41.20	-31.31	2.00	0.00	-74.51	-79.56	-76.14

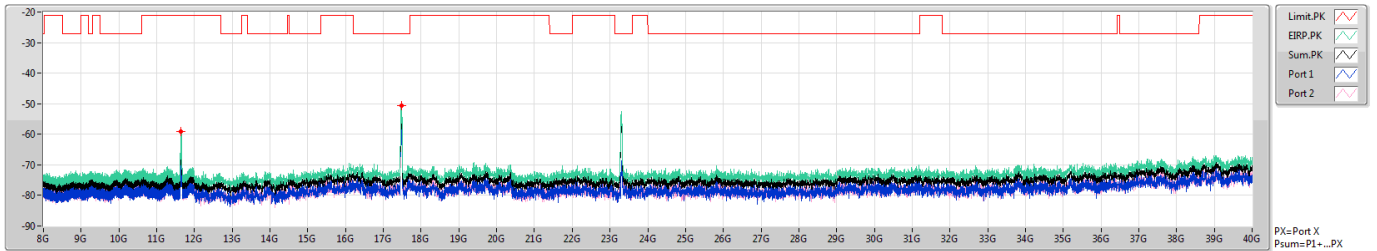


802.11a_Nss1,(6Mbps)_2TX

5825MHz

CSE-PK

15/08/2020



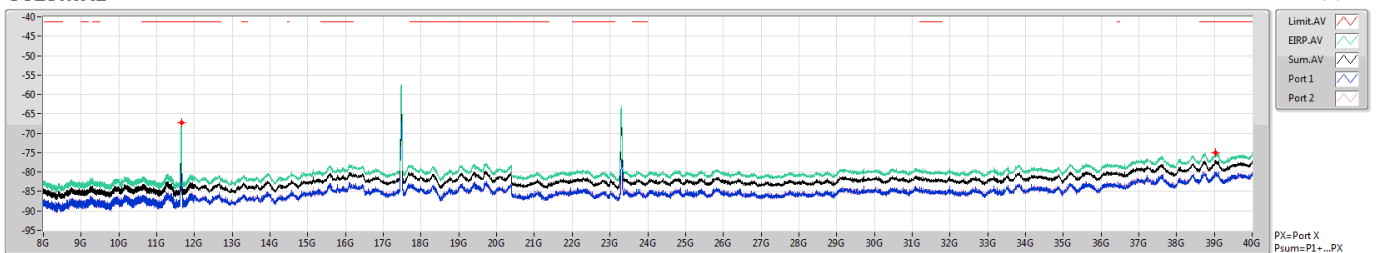
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	11.6455G	-59.01	-21.20	-37.81	2.00	0.00	-61.01	-62.42	-66.57
12G	40G	1M	PK	17.474G	-50.59	-27.00	-23.59	2.00	0.00	-52.59	-57.55	-54.26

802.11a_Nss1,(6Mbps)_2TX

5825MHz

CSE-AV

15/08/2020



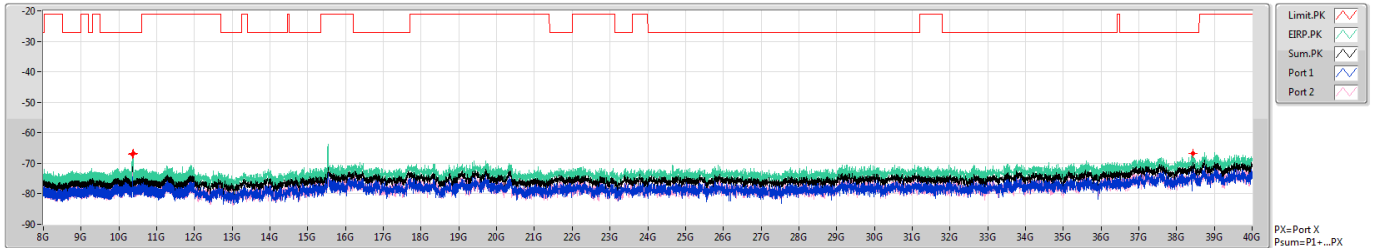
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8G	12G	1M	AV	11.6505G	-67.23	-41.20	-26.03	2.00	0.00	-69.23	-72.08	-72.41
12G	40G	1M	AV	39.034G	-75.06	-41.20	-33.86	2.00	0.00	-77.06	-80.09	-80.05

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz

CSE-PK

15/08/2020



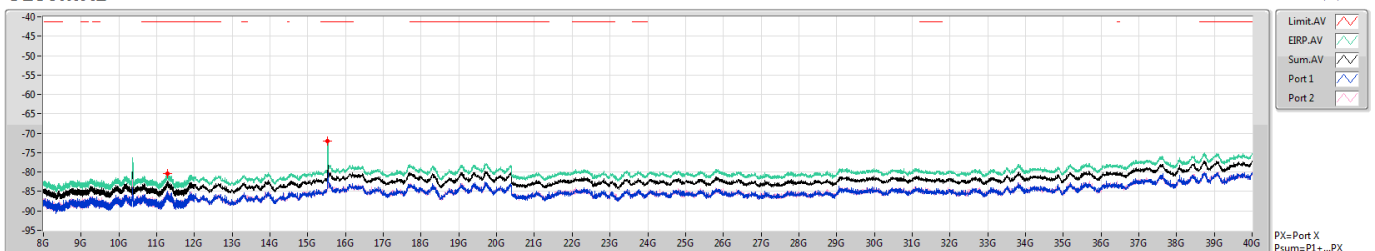
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	10.365G	-67.05	-27.00	-40.05	2.00	0.00	-69.05	-77.36	-69.74
8G	12G	1M	PK	10.371G	-66.77	-27.00	-39.77	2.00	0.00	-68.77	-76.90	-69.49
12G	40G	1M	PK	38.439G	-66.78	-27.00	-39.78	2.00	0.00	-68.78	-70.04	-74.76

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz

CSE-AV

15/08/2020



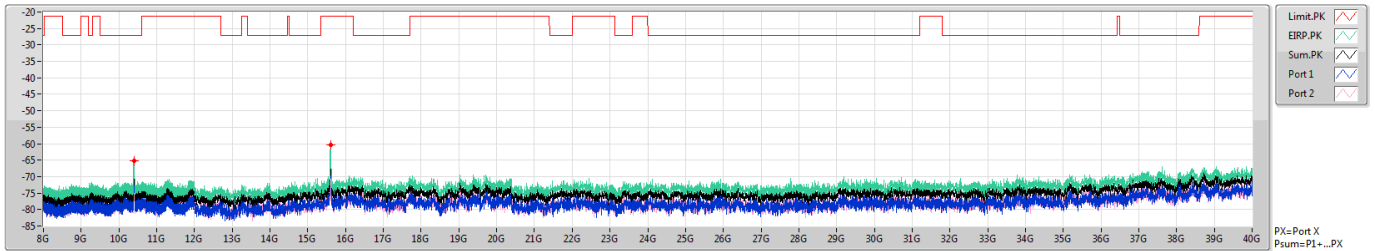
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8G	12G	1M	AV	11.288G	-80.41	-41.20	-39.21	2.00	0.00	-82.41	-85.03	-85.86
12G	40G	1M	AV	15.528G	-71.96	-41.20	-30.76	2.00	0.00	-73.96	-74.44	-83.81

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz

CSE-PK

15/08/2020

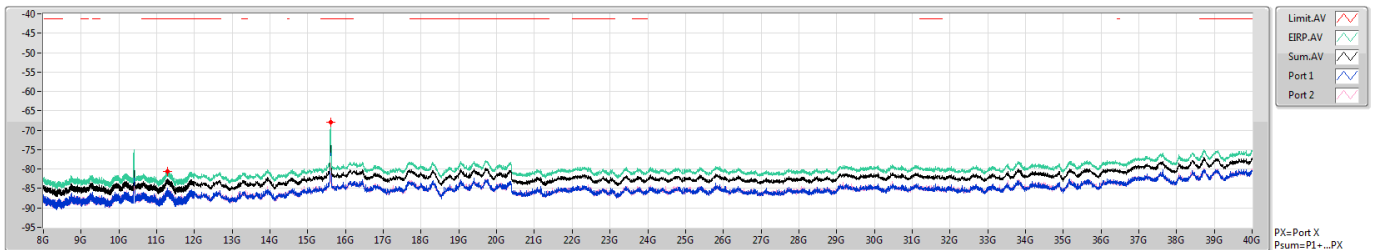


802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz

CSE-AV

15/08/2020

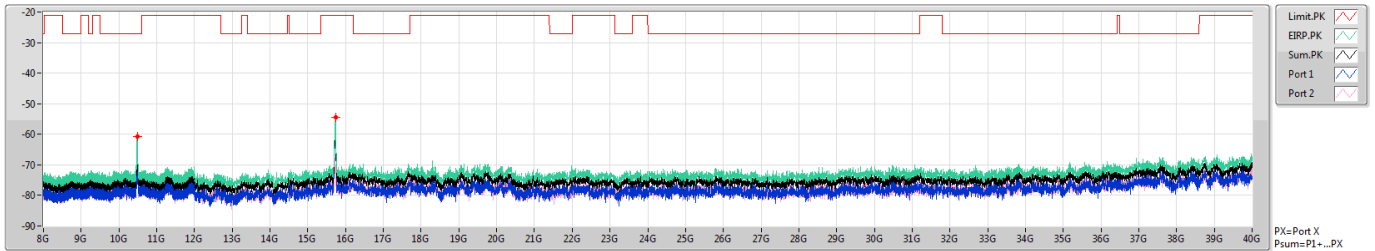


802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz

CSE-PK

15/08/2020



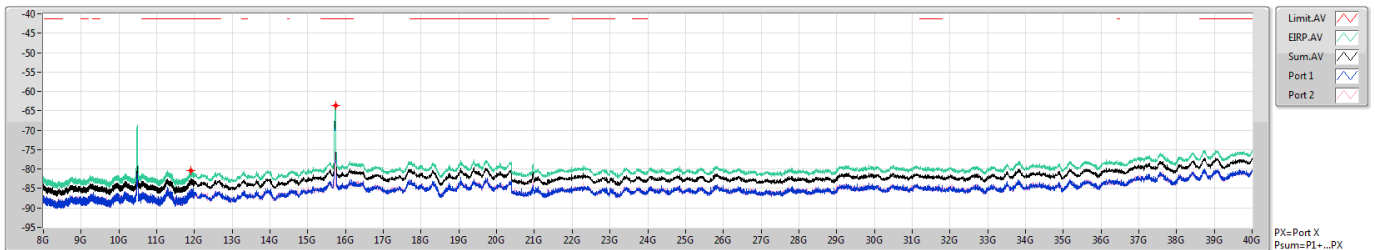
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	10.4845G	-60.68	-27.00	-33.68	2.00	0.00	-62.68	-67.92	-64.23
12G	40G	1M	PK	15.731G	-54.41	-21.20	-33.21	2.00	0.00	-56.41	-56.54	-71.61

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz

CSE-AV

15/08/2020



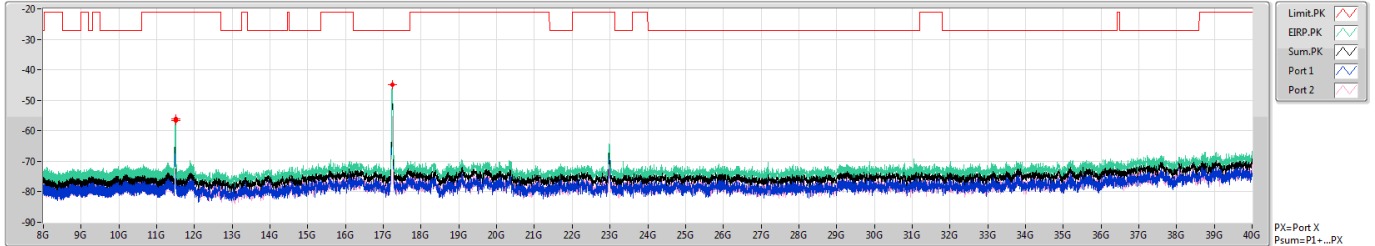
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.906G	-80.46	-41.20	-39.26	2.00	0.00	-82.46	-85.46	-85.48
12G	40G	1M	AV	15.731G	-63.70	-41.20	-22.50	2.00	0.00	-65.70	-66.01	-77.34

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz

CSE-PK

15/08/2020



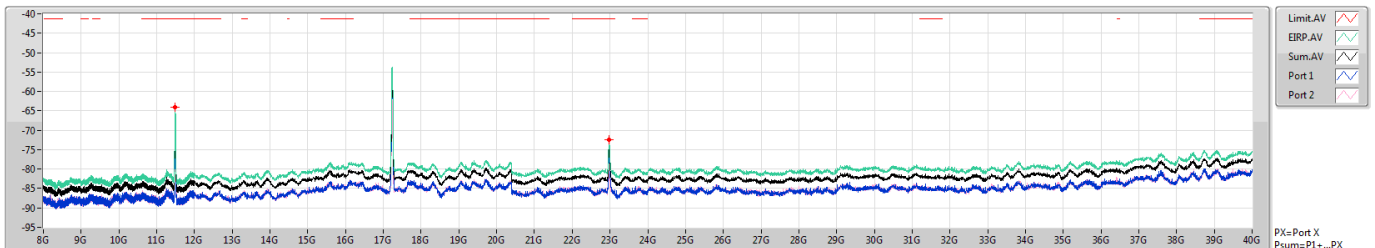
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	11.496G	-56.73	-21.20	-35.53	2.00	0.00	-58.73	-64.63	-60.02
8G	12G	1M	PK	11.5005G	-55.98	-21.20	-34.78	2.00	0.00	-57.98	-64.48	-59.08
12G	40G	1M	PK	17.2325G	-44.93	-27.00	-17.93	2.00	0.00	-46.93	-47.31	-57.65

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz

CSE-AV

15/08/2020



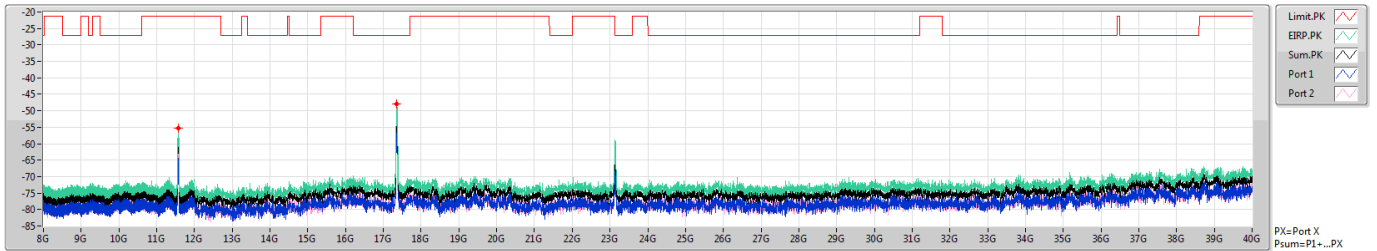
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.494G	-64.08	-41.20	-22.88	2.00	0.00	-66.08	-74.68	-66.73
12G	40G	1M	AV	22.9795G	-72.38	-41.20	-31.18	2.00	0.00	-74.38	-75.26	-81.76

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz

CSE-PK

15/08/2020



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	11.5725G	-55.41	-21.20	-34.21	2.00	0.00	-57.41	-67.81	-57.83
12G	40G	1M	PK	17.355G	-47.96	-27.00	-20.96	2.00	0.00	-49.96	-53.14	-52.81

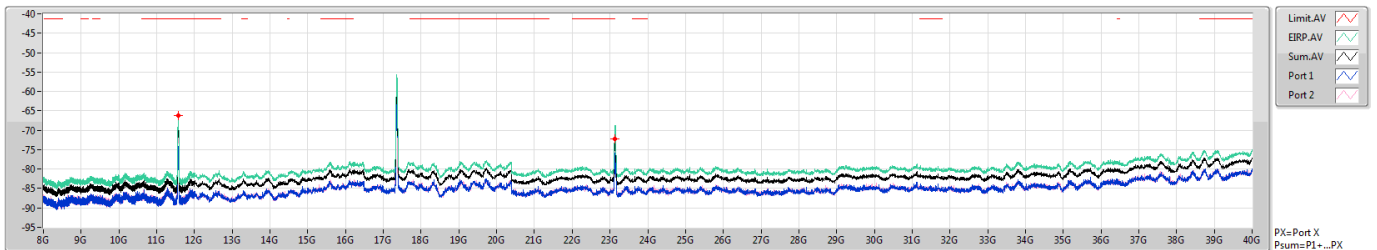
PX=Port X
Psum=P1+...PX

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz

CSE-AV

15/08/2020



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.57G	-66.11	-41.20	-24.91	2.00	0.00	-68.11	-74.58	-69.22
12G	40G	1M	AV	23.1195G	-72.28	-41.20	-31.08	2.00	0.00	-74.28	-80.67	-75.41

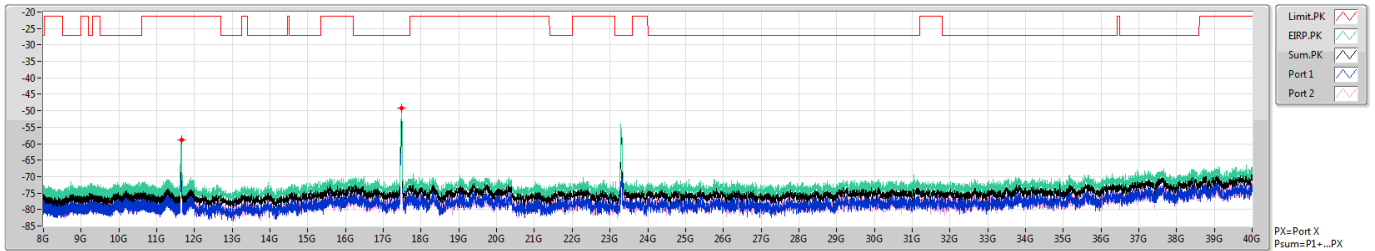
PX=Port X
Psum=P1+...PX

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz

CSE-PK

15/08/2020

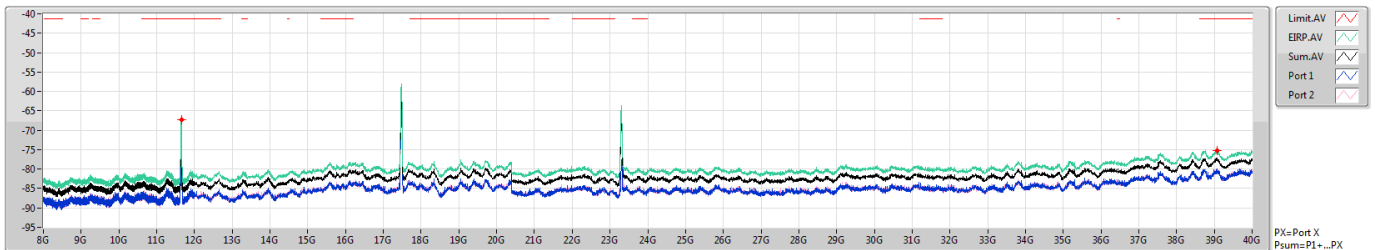


802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz

CSE-AV

15/08/2020



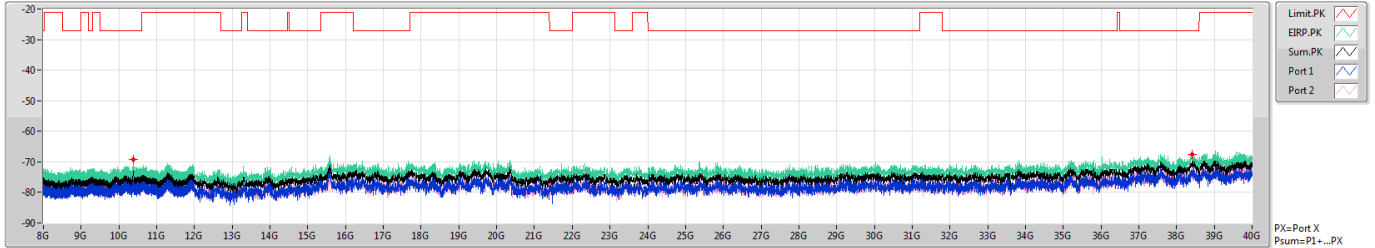


802.11ax HEW40_Nss1,(MCS0)_2TX

CSE-PK

5190MHz

15/08/2020



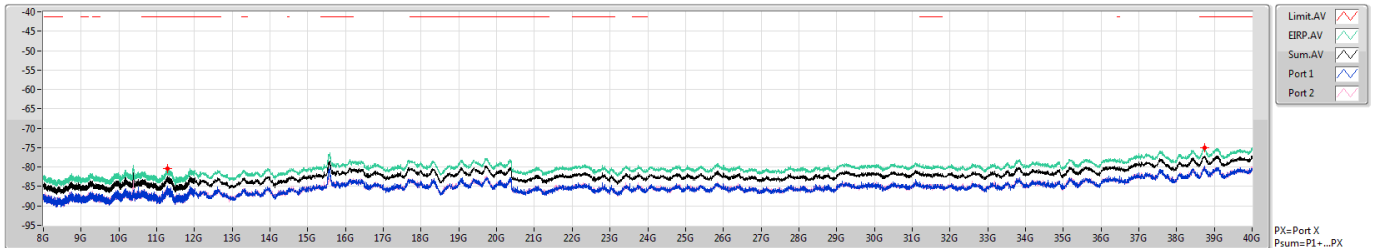
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	10.382G	-69.35	-27.00	-42.35	2.00	0.00	-71.35	-76.45	-72.96
12G	40G	1M	PK	38.4145G	-67.47	-27.00	-40.47	2.00	0.00	-69.47	-73.09	-71.95

802.11ax HEW40_Nss1,(MCS0)_2TX

CSE-AV

5190MHz

15/08/2020



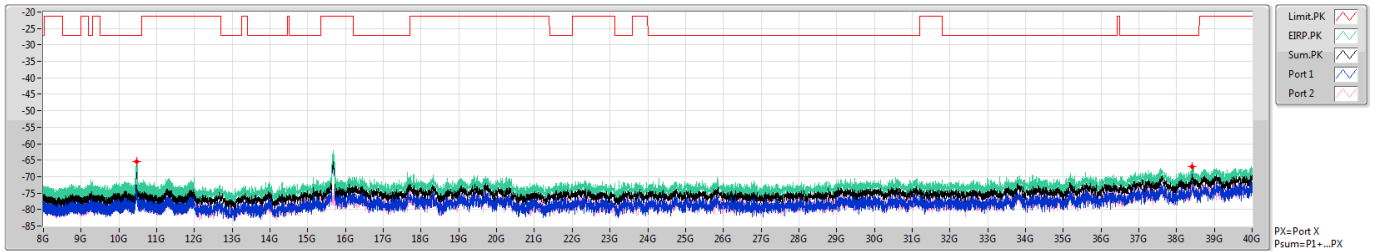
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.287G	-80.32	-41.20	-39.12	2.00	0.00	-82.32	-84.91	-85.80
12G	40G	1M	AV	38.74G	-75.07	-41.20	-33.87	2.00	0.00	-77.07	-79.82	-80.35

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz

CSE-PK

15/08/2020

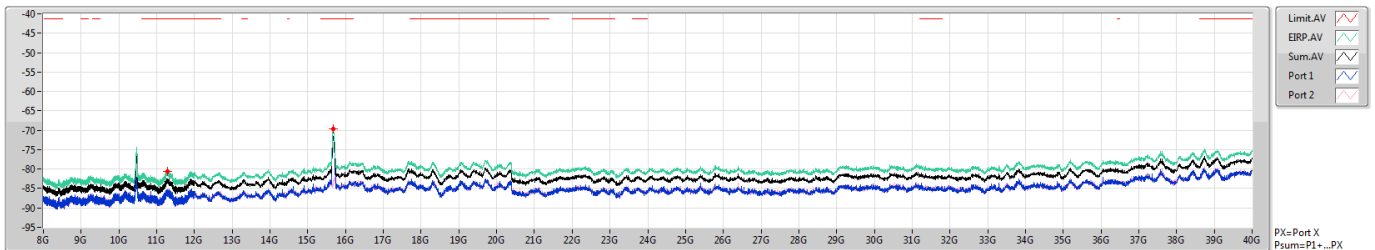


802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz

CSE-AV

15/08/2020



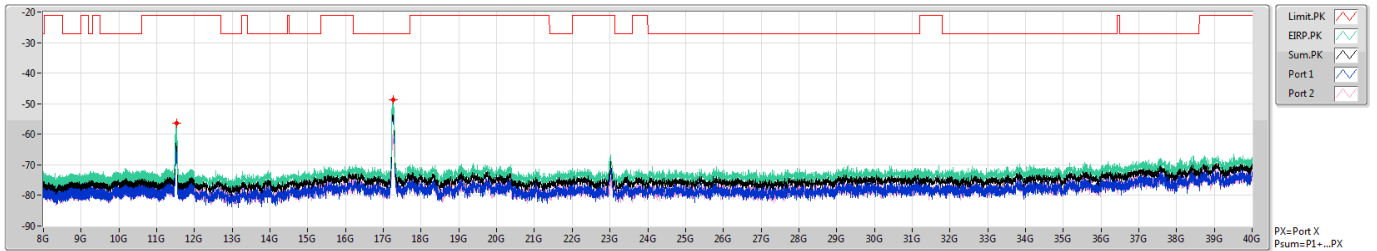


802.11ax HEW40_Nss1,(MCS0)_2TX

CSE-PK

5755MHz

15/08/2020



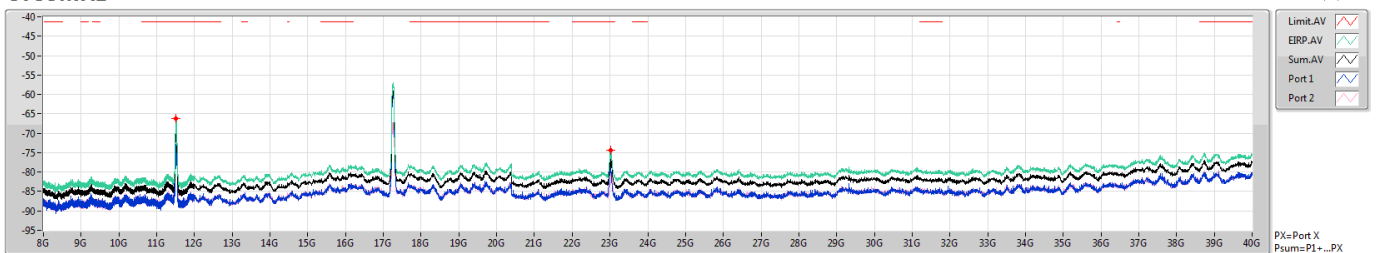
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	11.5205G	-56.25	-21.20	-35.05	2.00	0.00	-58.25	-64.42	-59.45
12G	40G	1M	PK	17.264G	-48.59	-27.00	-21.59	2.00	0.00	-50.59	-50.94	-61.74

802.11ax HEW40_Nss1,(MCS0)_2TX

CSE-AV

5755MHz

15/08/2020



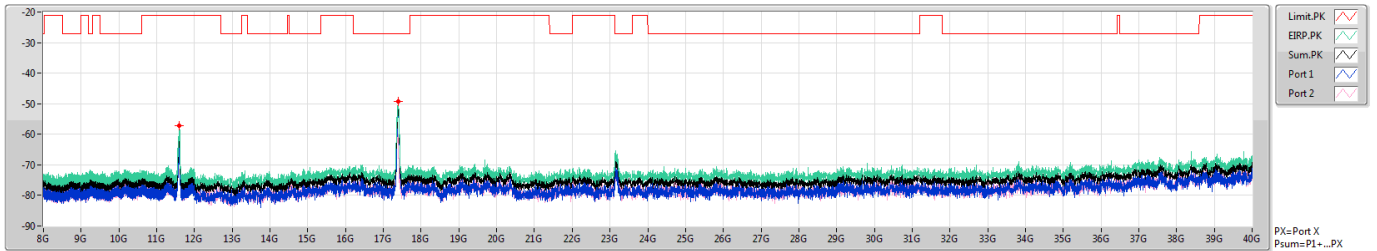
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.5115G	-66.22	-41.20	-25.02	2.00	0.00	-68.22	-73.73	-69.66
12G	40G	1M	AV	23.018G	-74.45	-41.20	-33.25	2.00	0.00	-76.45	-78.30	-81.06

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz

CSE-PK

15/08/2020



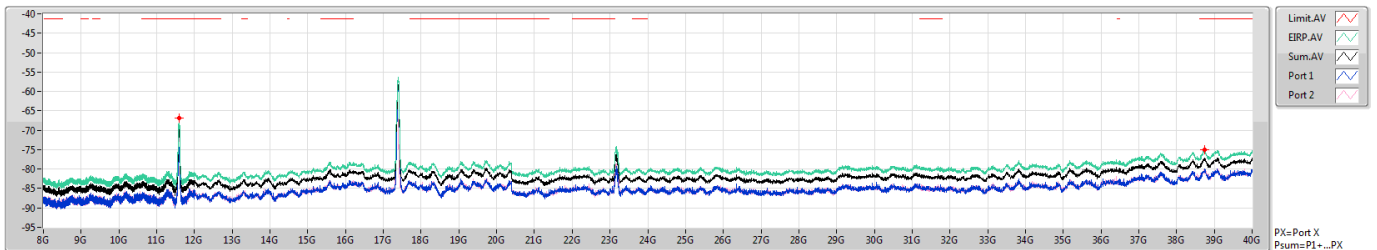
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	11.5895G	-57.23	-21.20	-36.03	2.00	0.00	-59.23	-63.92	-61.03
12G	40G	1M	PK	17.397G	-49.34	-27.00	-22.34	2.00	0.00	-51.34	-51.55	-64.61

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz

CSE-AV

15/08/2020



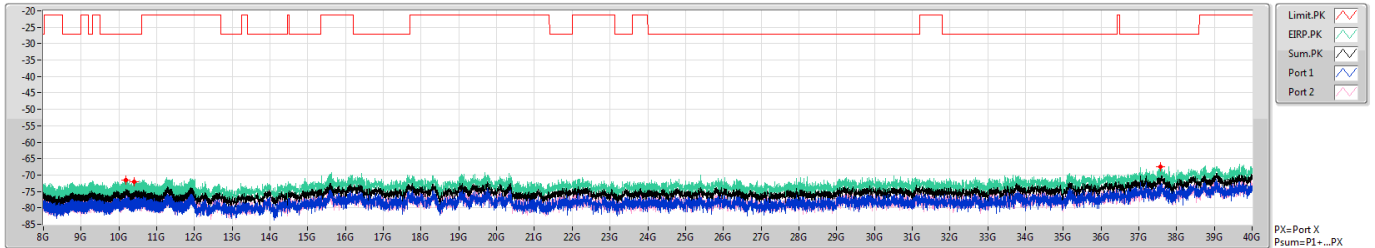
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.5905G	-66.83	-41.20	-25.63	2.00	0.00	-68.83	-75.11	-69.99
12G	40G	1M	AV	38.74G	-75.12	-41.20	-33.92	2.00	0.00	-77.12	-80.06	-80.20

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz

CSE-PK

15/08/2020



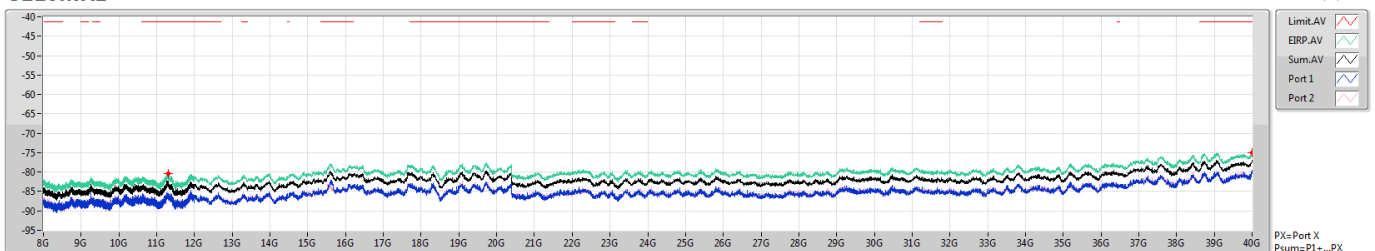
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	10.1815G	-71.55	-27.00	-44.55	2.00	0.00	-73.55	-77.53	-75.76
8G	12G	1M	PK	10.4075G	-72.06	-27.00	-45.06	2.00	0.00	-74.06	-76.40	-77.86
12G	40G	1M	PK	37.5745G	-67.38	-27.00	-40.38	2.00	0.00	-69.38	-72.06	-72.75

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz

CSE-AV

15/08/2020



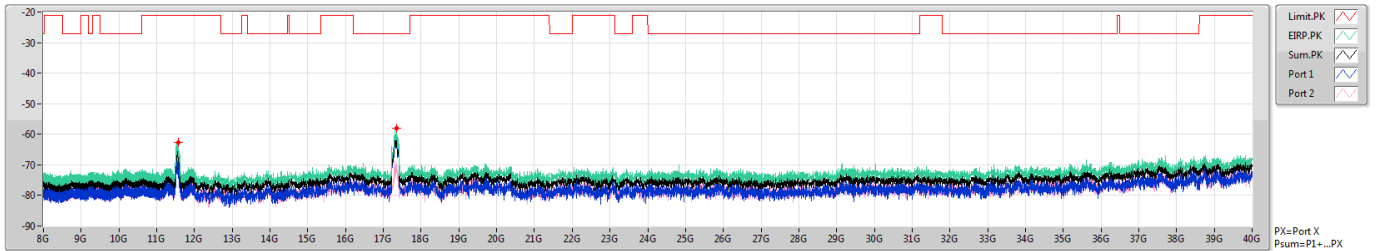
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dBi)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.31G	-80.37	-41.20	-39.17	2.00	0.00	-82.37	-85.50	-85.27
12G	40G	1M	AV	39.993G	-74.95	-41.20	-33.75	2.00	0.00	-76.95	-80.04	-79.88

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz

CSE-PK

15/08/2020



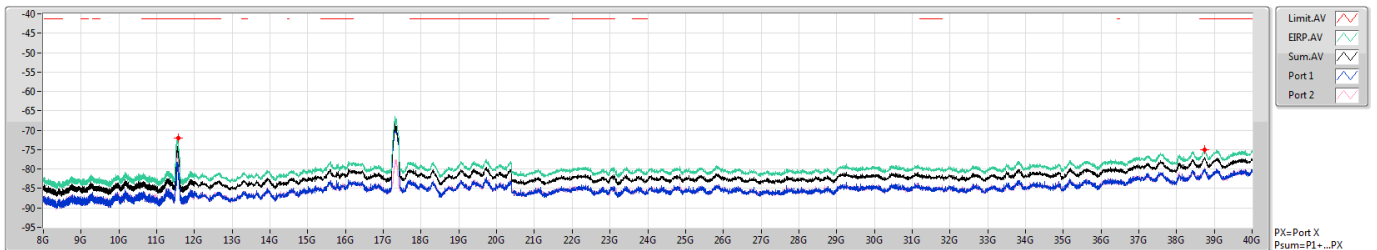
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	11.565G	-62.64	-21.20	-41.44	2.00	0.00	-64.64	-70.52	-65.94
12G	40G	1M	PK	17.3515G	-57.93	-27.00	-30.93	2.00	0.00	-59.93	-60.18	-72.45

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz

CSE-AV

15/08/2020



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.564G	-71.94	-41.20	-30.74	2.00	0.00	-73.94	-80.00	-75.18
12G	40G	1M	AV	38.733G	-74.98	-41.20	-33.78	2.00	0.00	-76.98	-80.45	-79.58

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5G	5.35G	AV	5.1498G	2.00	-46.80	-47.76	-44.24	-42.24	-41.20	-1.04
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	5G	5.35G	AV	5.1498G	2.00	-46.11	-47.47	-43.73	-41.73	-41.20	-0.53
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	5G	5.35G	AV	5.1498G	2.00	-45.78	-47.45	-43.52	-41.52	-41.20	-0.32
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	5G	5.35G	AV	5.1477G	2.00	-46.32	-47.67	-43.93	-41.93	-41.20	-0.73
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5G	6G	PK	5.92938G	2.00	-43.41	-40.67	-38.82	-36.82	-27.00	-9.82
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	5G	6G	PK	5.99388G	2.00	-39.96	-43.72	-38.43	-36.43	-27.00	-9.43
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	5G	6G	PK	5.64988G	2.00	-31.80	-36.31	-30.48	-28.48	-27.00	-1.48
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	5G	6G	PK	5.64788G	2.00	-30.58	-34.88	-29.21	-27.21	-27.00	-0.21

DG = Directional Gain;

PX=Port X; Psum=P1+.P2+...PX

**Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5G	5.35G	AV	5.1498G	2.00	-46.80	-47.76	-44.24	-42.24	-41.20	-1.04
5180MHz	Pass	5.35G	5.46G	AV	5.37409G	2.00	-55.12	-54.31	-51.69	-49.69	-41.20	-8.49
5180MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.66	-56.22	-53.42	-51.42	-41.20	-10.22
5180MHz	Pass	5G	6G	PK	5.14725G	2.00	-32.04	-35.01	-30.27	-28.27	-21.20	-7.07
5180MHz	Pass	5G	6G	PK	5.75988G	2.00	-43.67	-40.83	-39.01	-37.01	-27.00	-10.01
5200MHz	Pass	5G	5.35G	AV	5.14945G	2.00	-47.13	-48.28	-44.66	-42.66	-41.20	-1.46
5200MHz	Pass	5.35G	5.46G	AV	5.38641G	2.00	-55.13	-53.61	-51.29	-49.29	-41.20	-8.09
5200MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.16	-56.25	-53.19	-51.19	-41.20	-9.99
5200MHz	Pass	5G	6G	PK	5.14763G	2.00	-30.02	-34.05	-28.57	-26.57	-21.20	-5.37
5200MHz	Pass	5G	6G	PK	5.843G	2.00	-42.27	-42.06	-39.15	-37.15	-27.00	-10.15
5240MHz	Pass	5G	5.35G	AV	5.1484G	2.00	-51.02	-52.19	-48.56	-46.56	-41.20	-5.36
5240MHz	Pass	5.35G	5.46G	AV	5.35726G	2.00	-53.39	-53.04	-50.20	-48.20	-41.20	-7.00
5240MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.71	-56.31	-53.50	-51.50	-41.20	-10.30
5240MHz	Pass	5G	6G	PK	5.12075G	2.00	-32.76	-42.94	-32.36	-30.36	-21.20	-9.16
5240MHz	Pass	5G	6G	PK	5.36025G	2.00	-31.81	-42.25	-31.43	-29.43	-21.20	-8.23
5745MHz	Pass	5G	5.35G	AV	5.1463G	2.00	-56.68	-56.33	-53.49	-51.49	-41.20	-10.29
5745MHz	Pass	5.35G	5.46G	AV	5.44922G	2.00	-56.05	-56.29	-53.16	-51.16	-41.20	-9.96
5745MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.70	-56.64	-53.66	-51.66	-41.20	-10.46
5745MHz	Pass	5G	6G	PK	5.53963G	2.00	-42.10	-44.49	-40.12	-38.12	-27.00	-11.12
5745MHz	Pass	5G	6G	PK	5.9255G	2.00	-42.59	-42.27	-39.42	-37.42	-27.00	-10.42
5785MHz	Pass	5G	5.35G	AV	5.1197G	2.00	-56.40	-56.73	-53.55	-51.55	-41.20	-10.35
5785MHz	Pass	5.35G	5.46G	AV	5.45098G	2.00	-56.16	-56.24	-53.19	-51.19	-41.20	-9.99
5785MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.53	-56.40	-53.45	-51.45	-41.20	-10.25
5785MHz	Pass	5G	6G	PK	5.5845G	2.00	-45.37	-41.85	-40.25	-38.25	-27.00	-11.25
5785MHz	Pass	5G	6G	PK	5.937G	2.00	-41.23	-43.46	-39.19	-37.19	-27.00	-10.19
5825MHz	Pass	5G	5.35G	AV	5.12215G	2.00	-56.50	-56.63	-53.55	-51.55	-41.20	-10.35
5825MHz	Pass	5.35G	5.46G	AV	5.45109G	2.00	-56.36	-56.00	-53.17	-51.17	-41.20	-9.97
5825MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.47	-56.39	-53.42	-51.42	-41.20	-10.22
5825MHz	Pass	5G	6G	PK	5.49388G	2.00	-43.61	-43.48	-40.53	-38.53	-27.00	-11.53
5825MHz	Pass	5G	6G	PK	5.92938G	2.00	-43.41	-40.67	-38.82	-36.82	-27.00	-9.82
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5G	5.35G	AV	5.1498G	2.00	-47.02	-47.46	-44.22	-42.22	-41.20	-1.02
5180MHz	Pass	5.35G	5.46G	AV	5.37596G	2.00	-54.49	-54.50	-51.48	-49.48	-41.20	-8.28
5180MHz	Pass	5.46G	6G	AV	5.46G	2.00	-55.91	-56.39	-53.13	-51.13	-41.20	-9.93
5180MHz	Pass	5G	6G	PK	5.1485G	2.00	-32.47	-34.11	-30.20	-28.20	-21.20	-7.00
5180MHz	Pass	5G	6G	PK	5.87875G	2.00	-41.74	-40.95	-38.32	-36.32	-27.00	-9.32
5200MHz	Pass	5G	5.35G	AV	5.1498G	2.00	-46.11	-47.47	-43.73	-41.73	-41.20	-0.53
5200MHz	Pass	5.35G	5.46G	AV	5.38828G	2.00	-55.17	-53.58	-51.29	-49.29	-41.20	-8.09
5200MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.55	-56.44	-53.48	-51.48	-41.20	-10.28
5200MHz	Pass	5G	6G	PK	5.14975G	2.00	-30.53	-35.43	-29.31	-27.31	-21.20	-6.11
5200MHz	Pass	5G	6G	PK	5.87375G	2.00	-41.20	-42.97	-38.99	-36.99	-27.00	-9.99
5240MHz	Pass	5G	5.35G	AV	5.14945G	2.00	-49.78	-51.40	-47.50	-45.50	-41.20	-4.30
5240MHz	Pass	5.35G	5.46G	AV	5.35132G	2.00	-52.89	-52.81	-49.84	-47.84	-41.20	-6.64
5240MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.19	-56.15	-53.16	-51.16	-41.20	-9.96
5240MHz	Pass	5G	6G	PK	5.12013G	2.00	-33.02	-43.41	-32.64	-30.64	-21.20	-9.44
5240MHz	Pass	5G	6G	PK	5.36013G	2.00	-32.27	-42.82	-31.90	-29.90	-21.20	-8.70
5745MHz	Pass	5G	5.35G	AV	5.1463G	2.00	-56.39	-56.25	-53.31	-51.31	-41.20	-10.11
5745MHz	Pass	5.35G	5.46G	AV	5.44845G	2.00	-56.27	-55.71	-52.97	-50.97	-41.20	-9.77
5745MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.35	-56.39	-53.36	-51.36	-41.20	-10.16
5745MHz	Pass	5G	6G	PK	5.64938G	2.00	-42.99	-43.59	-40.27	-38.27	-27.00	-11.27
5745MHz	Pass	5G	6G	PK	5.94663G	2.00	-41.38	-43.68	-39.37	-37.37	-27.00	-10.37



CSE Bandedge Result_Ant.3

Appendix E.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5785MHz	Pass	5G	5.35G	AV	5.1134G	2.00	-56.49	-56.18	-53.32	-51.32	-41.20	-10.12
5785MHz	Pass	5.35G	5.46G	AV	5.45604G	2.00	-55.70	-56.31	-52.98	-50.98	-41.20	-9.78
5785MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.37	-56.22	-53.28	-51.28	-41.20	-10.08
5785MHz	Pass	5G	6G	PK	5.49188G	2.00	-41.99	-44.95	-40.21	-38.21	-27.00	-11.21
5785MHz	Pass	5G	6G	PK	5.96363G	2.00	-42.61	-41.91	-39.24	-37.24	-27.00	-10.24
5785MHz	Pass	5G	6G	PK	5.99388G	2.00	-39.96	-43.72	-38.43	-36.43	-27.00	-9.43
5825MHz	Pass	5G	5.35G	AV	5.105G	2.00	-56.50	-56.23	-53.35	-51.35	-41.20	-10.15
5825MHz	Pass	5.35G	5.46G	AV	5.45384G	2.00	-55.99	-55.99	-52.98	-50.98	-41.20	-9.78
5825MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.27	-56.30	-53.27	-51.27	-41.20	-10.07
5825MHz	Pass	5G	6G	PK	5.6405G	2.00	-42.00	-44.83	-40.18	-38.18	-27.00	-11.18
5825MHz	Pass	5G	6G	PK	5.94463G	2.00	-43.25	-40.84	-38.87	-36.87	-27.00	-9.87
802.11ax HEW40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5G	5.35G	AV	5.1498G	2.00	-46.72	-47.08	-43.89	-41.89	-41.20	-0.69
5190MHz	Pass	5.35G	5.46G	AV	5.37552G	2.00	-55.66	-55.68	-52.66	-50.66	-41.20	-9.46
5190MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.55	-56.59	-53.56	-51.56	-41.20	-10.36
5190MHz	Pass	5G	6G	PK	5.14813G	2.00	-35.46	-35.15	-32.29	-30.29	-21.20	-9.09
5190MHz	Pass	5G	6G	PK	5.94588G	2.00	-42.62	-42.25	-39.42	-37.42	-27.00	-10.42
5230MHz	Pass	5G	5.35G	AV	5.1498G	2.00	-45.78	-47.45	-43.52	-41.52	-41.20	-0.32
5230MHz	Pass	5G	5.35G	AV	5.35G	2.00	-53.57	-53.92	-50.73	-48.73	-41.20	-7.53
5230MHz	Pass	5.35G	5.46G	AV	5.35099G	2.00	-53.71	-54.03	-50.86	-48.86	-41.20	-7.66
5230MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.63	-56.46	-53.53	-51.53	-41.20	-10.33
5230MHz	Pass	5G	6G	PK	5.14975G	2.00	-32.46	-34.96	-30.52	-28.52	-21.20	-7.32
5230MHz	Pass	5G	6G	PK	5.90238G	2.00	-40.32	-45.06	-39.06	-37.06	-27.00	-10.06
5755MHz	Pass	5G	5.35G	AV	5.14875G	2.00	-56.62	-56.53	-53.56	-51.56	-41.20	-10.36
5755MHz	Pass	5.35G	5.46G	AV	5.45263G	2.00	-56.58	-56.12	-53.33	-51.33	-41.20	-10.13
5755MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.63	-56.85	-53.73	-51.73	-41.20	-10.53
5755MHz	Pass	5G	6G	PK	5.64988G	2.00	-31.80	-36.31	-30.48	-28.48	-27.00	-1.48
5755MHz	Pass	5G	6G	PK	5.92775G	2.00	-39.14	-41.72	-37.23	-35.23	-27.00	-8.23
5795MHz	Pass	5G	5.35G	AV	5.1407G	2.00	-56.55	-56.81	-53.67	-51.67	-41.20	-10.47
5795MHz	Pass	5.35G	5.46G	AV	5.45791G	2.00	-56.36	-56.23	-53.28	-51.28	-41.20	-10.08
5795MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.67	-56.62	-53.63	-51.63	-41.20	-10.43
5795MHz	Pass	5G	6G	PK	5.64425G	2.00	-41.42	-37.58	-36.08	-34.08	-27.00	-7.08
5795MHz	Pass	5G	6G	PK	5.92988G	2.00	-33.80	-37.52	-32.26	-30.26	-27.00	-3.26
802.11ax HEW80_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5G	5.35G	AV	5.1477G	2.00	-46.32	-47.67	-43.93	-41.93	-41.20	-0.73
5210MHz	Pass	5.35G	5.46G	AV	5.35737G	2.00	-55.24	-55.75	-52.48	-50.48	-41.20	-9.28
5210MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.79	-56.49	-53.63	-51.63	-41.20	-10.43
5210MHz	Pass	5G	6G	PK	5.14938G	2.00	-33.85	-36.30	-31.89	-29.89	-21.20	-8.69
5210MHz	Pass	5G	6G	PK	5.81988G	2.00	-40.97	-44.51	-39.38	-37.38	-27.00	-10.38
5775MHz	Pass	5G	5.35G	AV	5.1302G	2.00	-56.54	-56.73	-53.62	-51.62	-41.20	-10.42
5775MHz	Pass	5.35G	5.46G	AV	5.45538G	2.00	-56.03	-56.30	-53.15	-51.15	-41.20	-9.95
5775MHz	Pass	5.46G	6G	AV	5.46G	2.00	-56.26	-56.32	-53.28	-51.28	-41.20	-10.08
5775MHz	Pass	5G	6G	PK	5.64788G	2.00	-30.58	-34.88	-29.21	-27.21	-27.00	-0.21
5775MHz	Pass	5G	6G	PK	5.9275G	2.00	-32.59	-35.21	-30.70	-28.70	-27.00	-1.70

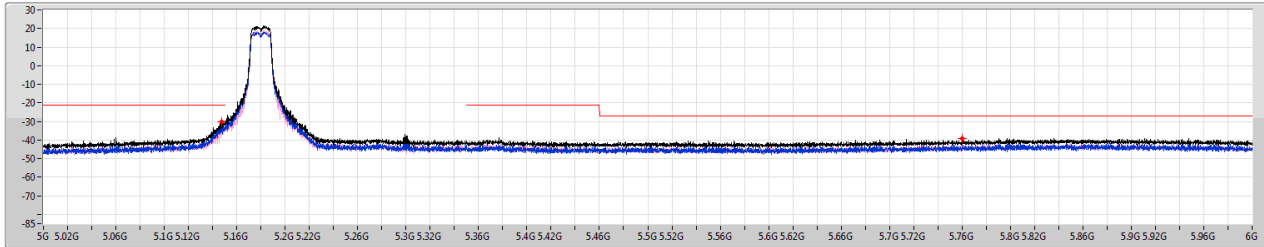
DG = Directional Gain;
PX=Port X; Psum=P1+.P2+...PX

802.11a_Nss1,(6Mbps)_2TX

5180MHz

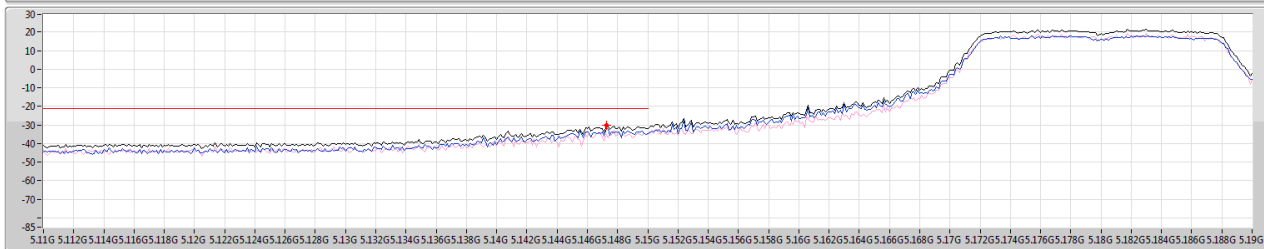
CSE-PK

14/08/2020



Limit.PK
Sum.PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX



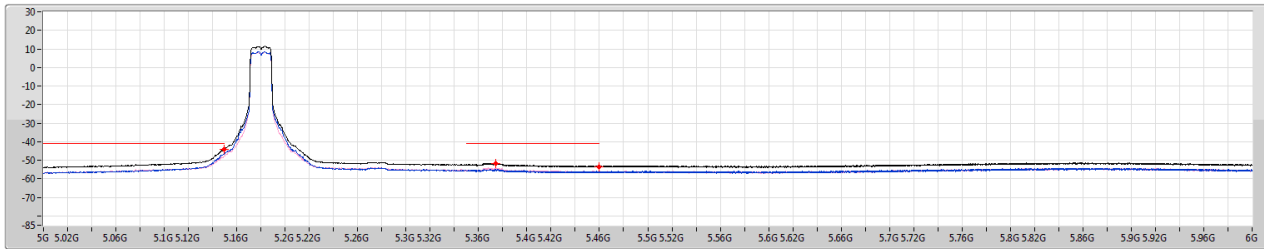
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.14725G	-28.27	-21.20	-7.07	2.00	0.00	-30.27	-32.04	-35.01
5G	6G	1M	PK	5.75988G	-37.01	-27.00	-10.01	2.00	0.00	-39.01	-43.67	-40.83

802.11a_Nss1,(6Mbps)_2TX

5180MHz

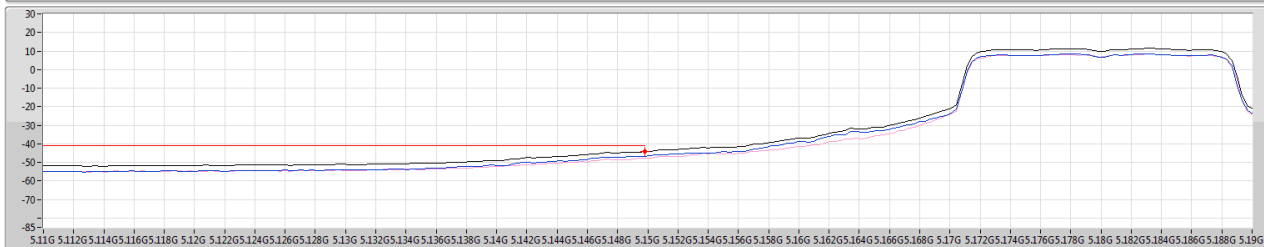
CSE-AV

14/08/2020



Limit.AV
Sum.AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX



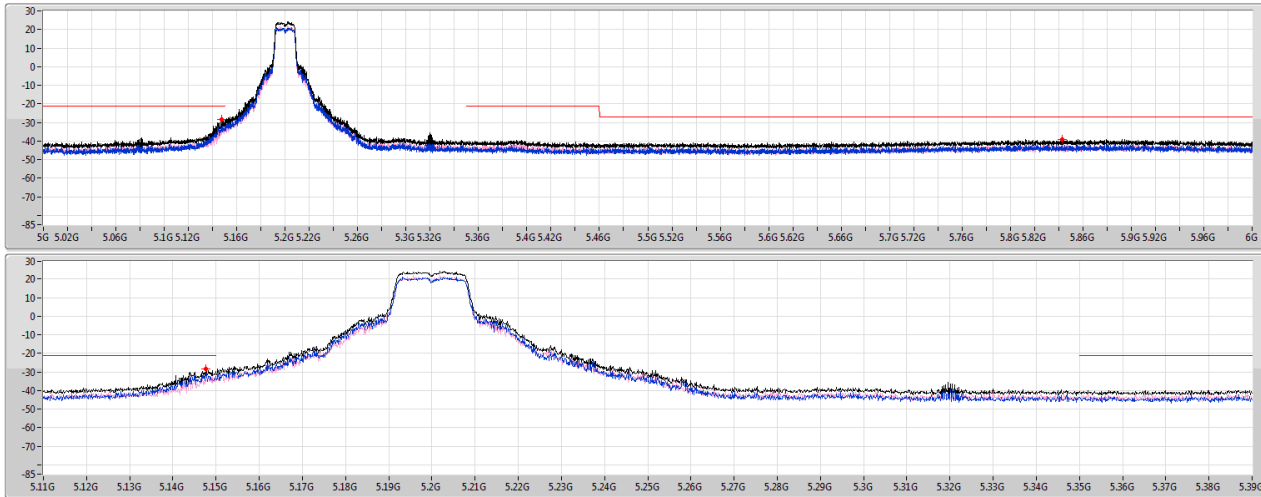
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1498G	-42.24	-41.20	-1.04	2.00	0.00	-44.24	-46.80	-47.76
5.35G	5.46G	1M	AV	5.37409G	-49.69	-41.20	-8.49	2.00	0.00	-51.69	-55.12	-54.31
5.46G	6G	1M	AV	5.46G	-51.42	-41.20	-10.22	2.00	0.00	-53.42	-56.66	-56.22

802.11a_Nss1,(6Mbps)_2TX

5200MHz

CSE-PK

14/08/2020



Limit:PK
Sum:PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX

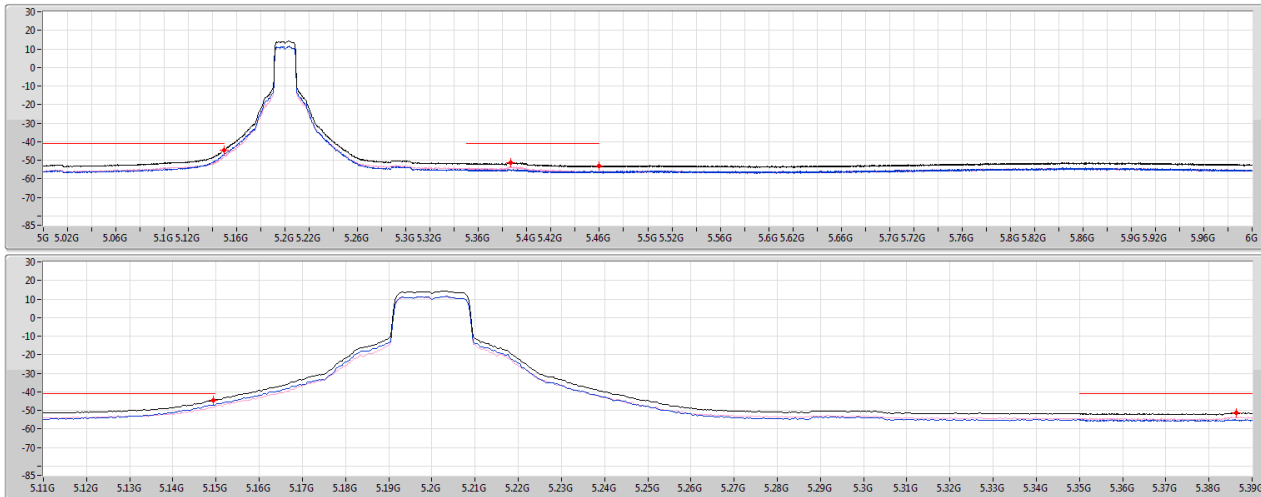
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.14763G	-26.57	-21.20	-5.37	2.00	0.00	-28.57	-30.02	-34.05
5G	6G	1M	PK	5.843G	-37.15	-27.00	-10.15	2.00	0.00	-39.15	-42.27	-42.06

802.11a_Nss1,(6Mbps)_2TX

5200MHz

CSE-AV

14/08/2020



Limit:AV
Sum:AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX

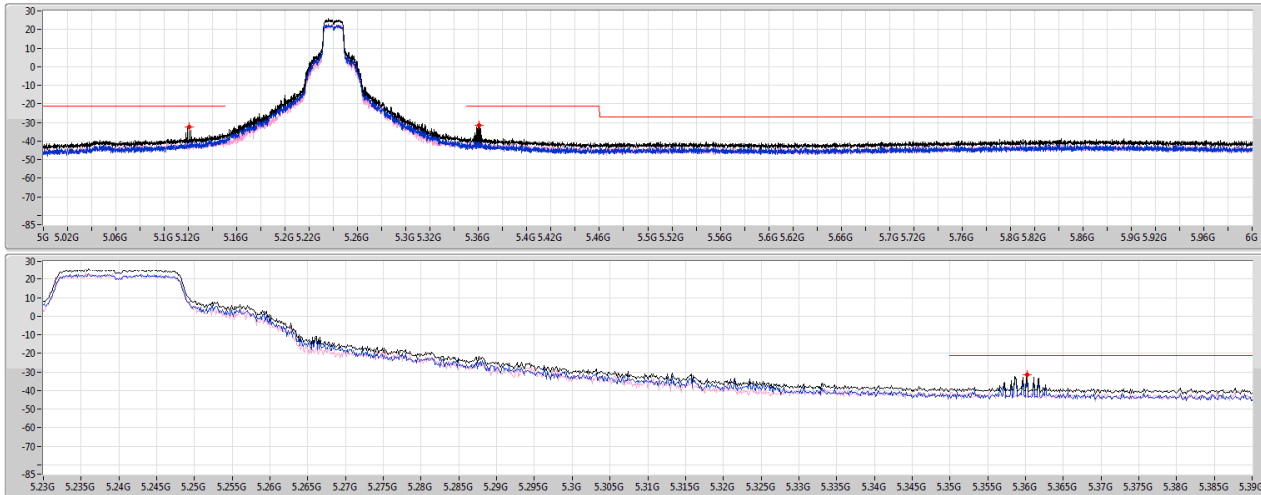
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.14945G	-42.66	-41.20	-1.46	2.00	0.00	-44.66	-47.13	-48.28
5.35G	5.46G	1M	AV	5.38641G	-49.29	-41.20	-8.09	2.00	0.00	-51.29	-55.13	-53.61
5.46G	6G	1M	AV	5.46G	-51.19	-41.20	-9.99	2.00	0.00	-53.19	-56.16	-56.25

802.11a_Nss1,(6Mbps)_2TX

5240MHz

CSE-PK

14/08/2020



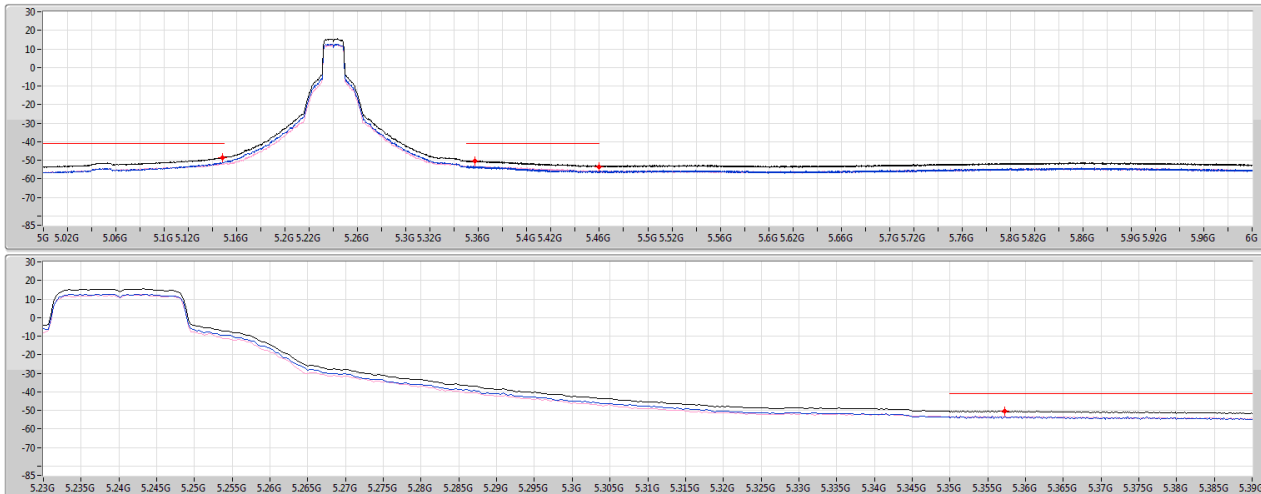
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.12075G	-30.36	-21.20	-9.16	2.00	0.00	-32.36	-32.76	-42.94
5G	6G	1M	PK	5.36025G	-29.43	-21.20	-8.23	2.00	0.00	-31.43	-31.81	-42.25

802.11a_Nss1,(6Mbps)_2TX

5240MHz

CSE-AV

14/08/2020



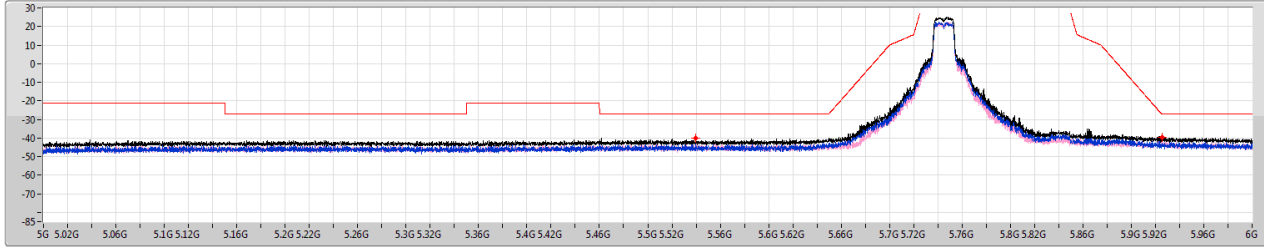
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1484G	-46.56	-41.20	-5.36	2.00	0.00	-48.56	-51.02	-52.19
5.35G	5.46G	1M	AV	5.35726G	-48.20	-41.20	-7.00	2.00	0.00	-50.20	-53.39	-53.04
5.46G	6G	1M	AV	5.46G	-51.50	-41.20	-10.30	2.00	0.00	-53.50	-56.71	-56.31

802.11a_Nss1,(6Mbps)_2TX

5745MHz

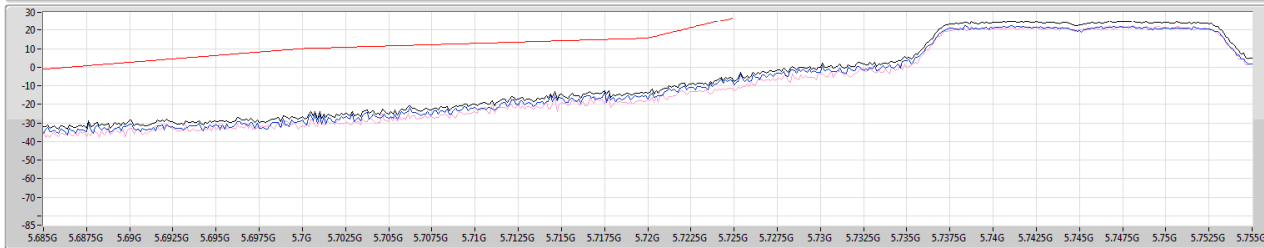
CSE-PK

14/08/2020



Limit:PK
Sum:PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX



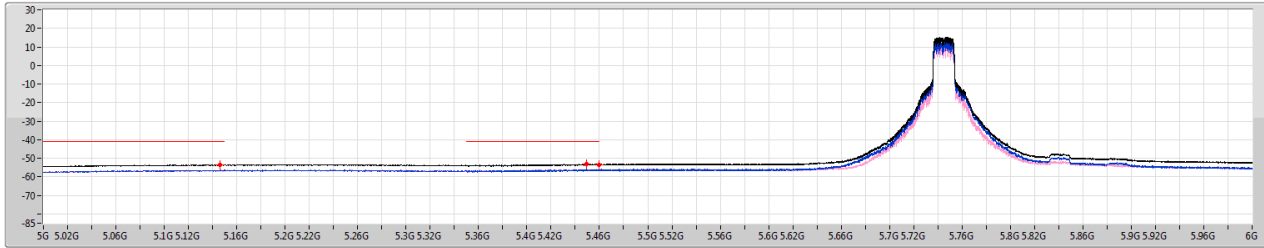
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.53963G	-38.12	-27.00	-11.12	2.00	0.00	-40.12	-42.10	-44.49
5G	6G	1M	PK	5.9255G	-37.42	-27.00	-10.42	2.00	0.00	-39.42	-42.59	-42.27

802.11a_Nss1,(6Mbps)_2TX

5745MHz

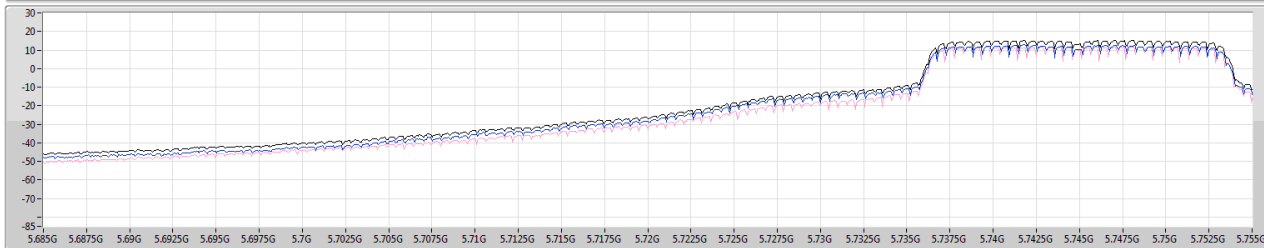
CSE-AV

14/08/2020



Limit:AV
Sum:AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX



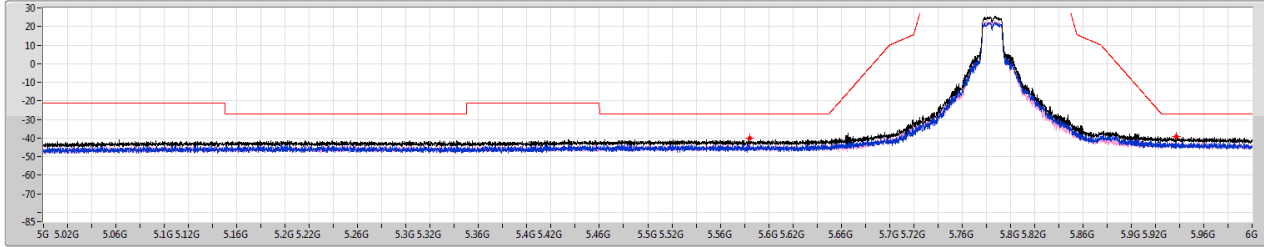
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1463G	-51.49	-41.20	-10.29	2.00	0.00	-53.49	-56.68	-56.33
5.35G	5.46G	1M	AV	5.44922G	-51.16	-41.20	-9.96	2.00	0.00	-53.16	-56.05	-56.29
5.46G	6G	1M	AV	5.46G	-51.66	-41.20	-10.46	2.00	0.00	-53.66	-56.70	-56.64

802.11a_Nss1,(6Mbps)_2TX

5785MHz

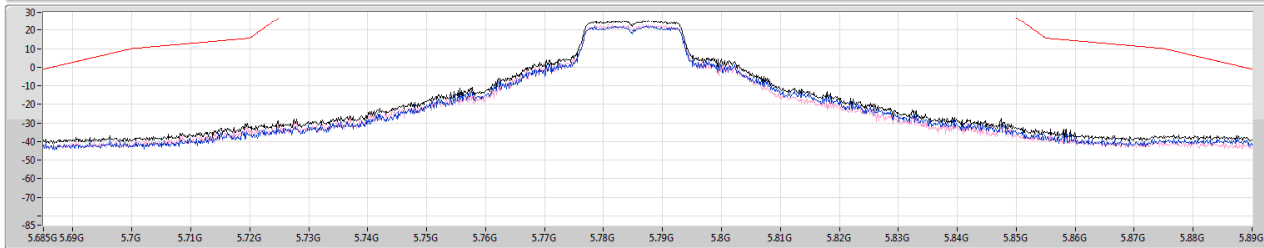
CSE-PK

14/08/2020



Limit:PK
Sum:PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX



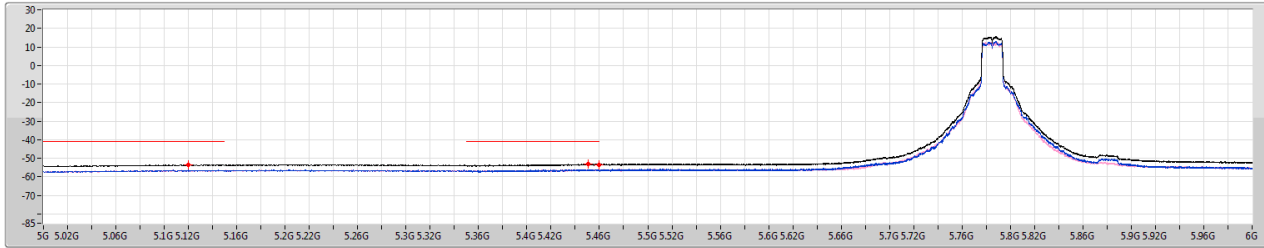
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.5845G	-38.25	-27.00	-11.25	2.00	0.00	-40.25	-45.37	-41.85
5G	6G	1M	PK	5.937G	-37.19	-27.00	-10.19	2.00	0.00	-39.19	-41.23	-43.46

802.11a_Nss1,(6Mbps)_2TX

5785MHz

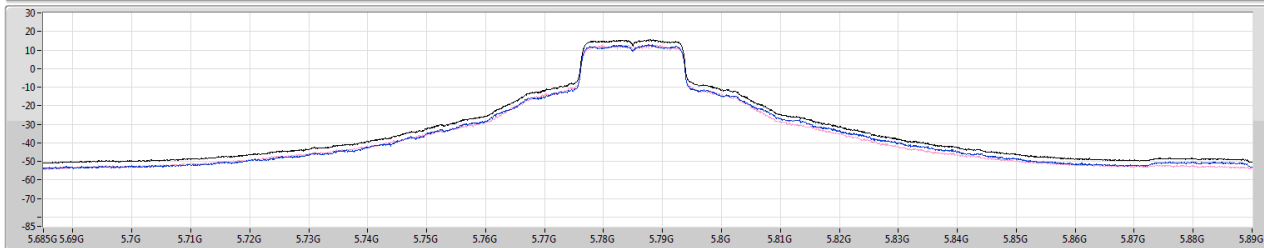
CSE-AV

14/08/2020



Limit:AV
Sum:AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX



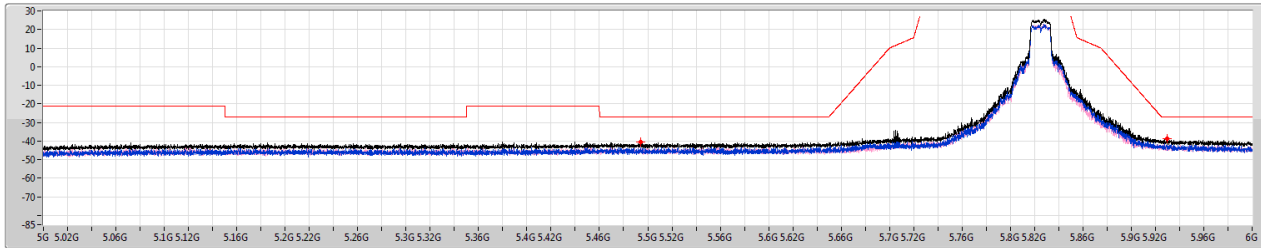
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1197G	-51.55	-41.20	-10.35	2.00	0.00	-53.55	-56.40	-56.73
5.35G	5.46G	1M	AV	5.45098G	-51.19	-41.20	-9.99	2.00	0.00	-53.19	-56.16	-56.24
5.46G	6G	1M	AV	5.46G	-51.45	-41.20	-10.25	2.00	0.00	-53.45	-56.53	-56.40

802.11a_Nss1,(6Mbps)_2TX

5825MHz

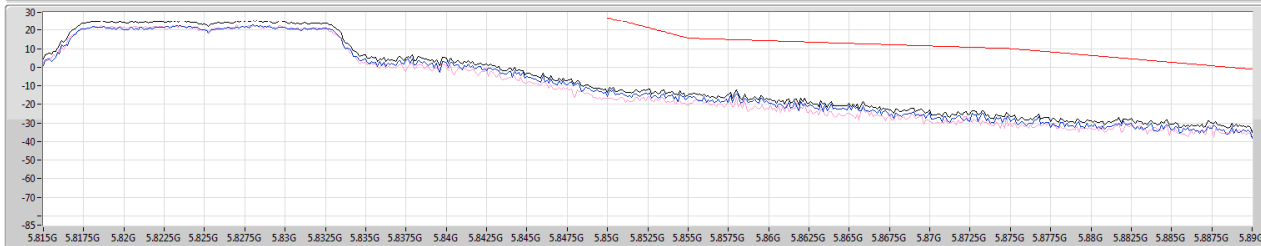
CSE-PK

14/08/2020



Limit:PK
Sum:PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX



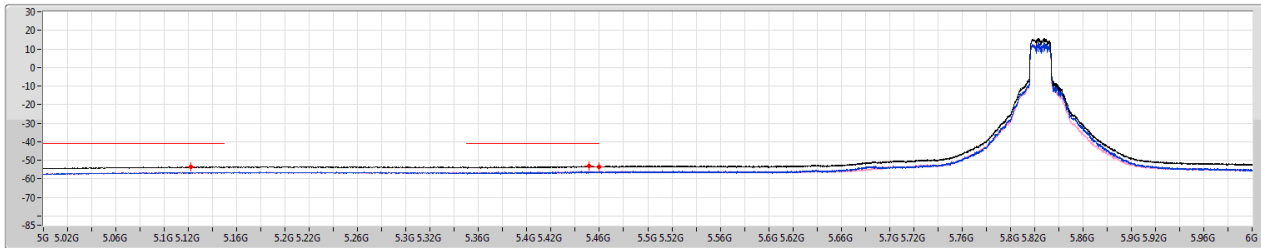
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.49388G	-38.53	-27.00	-11.53	2.00	0.00	-40.53	-43.61	-43.48
5G	6G	1M	PK	5.92938G	-36.82	-27.00	-9.82	2.00	0.00	-38.82	-43.41	-40.67

802.11a_Nss1,(6Mbps)_2TX

5825MHz

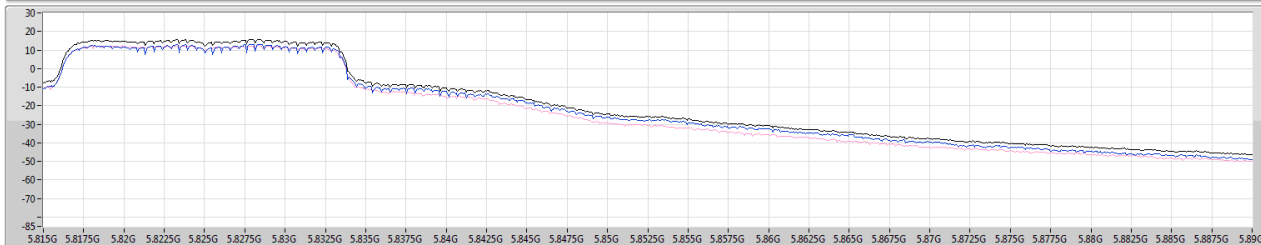
CSE-AV

14/08/2020



Limit:AV
Sum:AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX



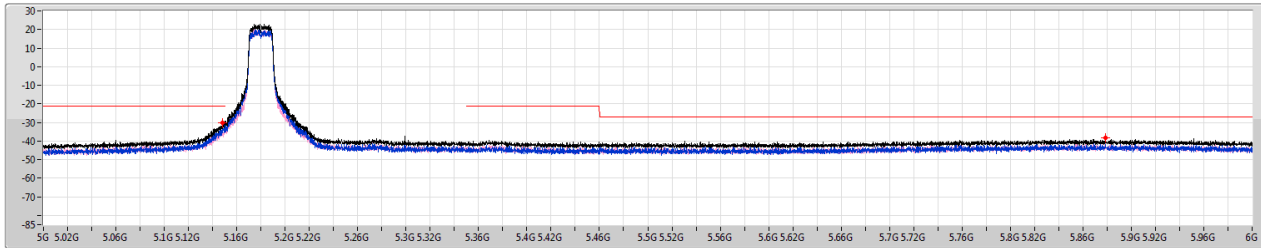
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.12215G	-51.55	-41.20	-10.35	2.00	0.00	-53.55	-56.50	-56.63
5.35G	5.46G	1M	AV	5.45109G	-51.17	-41.20	-9.97	2.00	0.00	-53.17	-56.36	-56.00
5.46G	6G	1M	AV	5.46G	-51.42	-41.20	-10.22	2.00	0.00	-53.42	-56.47	-56.39

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz

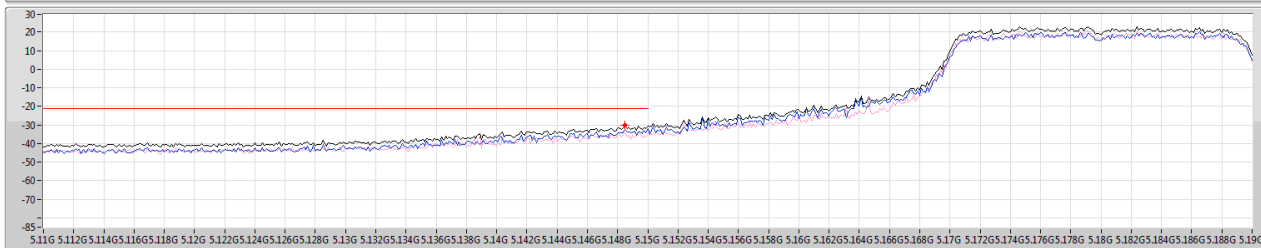
CSE-PK

14/08/2020



Limit:PK
Sum:PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX



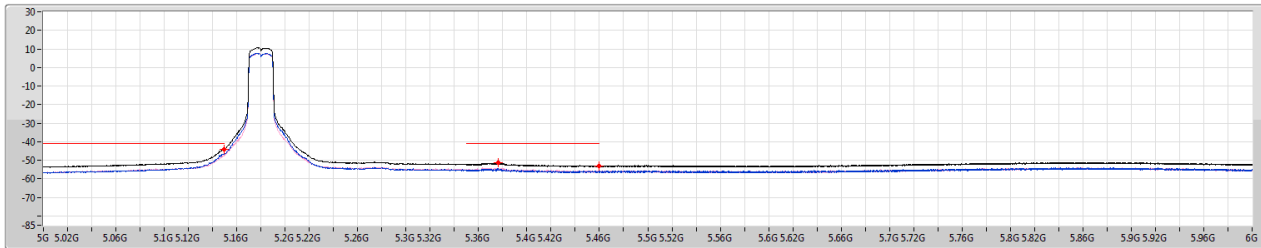
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.1485G	-28.20	-21.20	-7.00	2.00	0.00	-30.20	-32.47	-34.11
5G	6G	1M	PK	5.87875G	-36.32	-27.00	-9.32	2.00	0.00	-38.32	-41.74	-40.95

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz

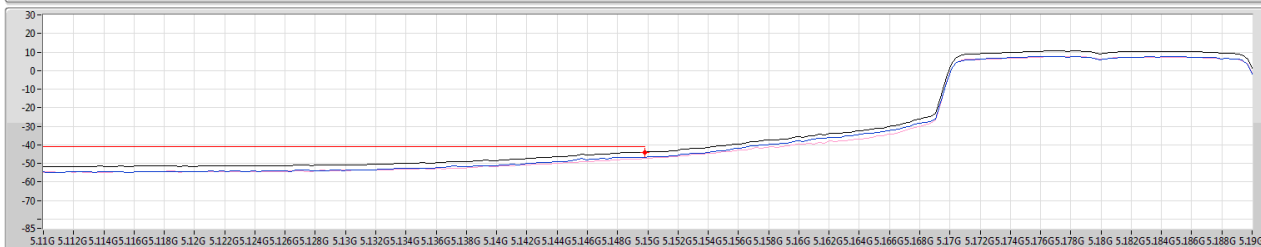
CSE-AV

14/08/2020



Limit:AV
Sum:AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX



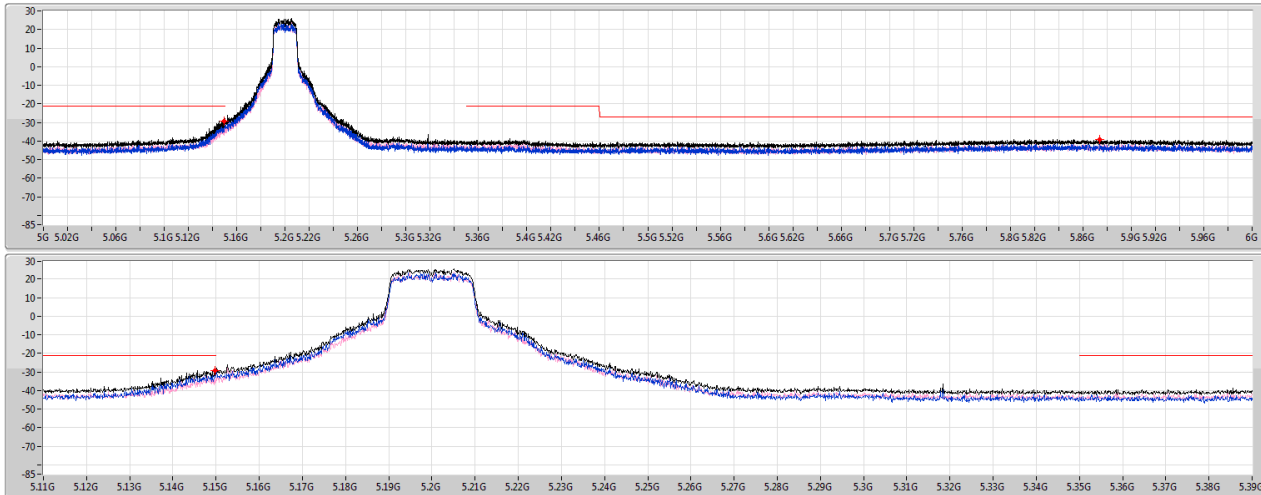
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1498G	-42.22	-41.20	-1.02	2.00	0.00	-44.22	-47.02	-47.46
5.35G	5.46G	1M	AV	5.37596G	-49.48	-41.20	-8.28	2.00	0.00	-51.48	-54.49	-54.50
5.46G	6G	1M	AV	5.46G	-51.13	-41.20	-9.93	2.00	0.00	-53.13	-55.91	-56.39

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz

CSE-PK

14/08/2020



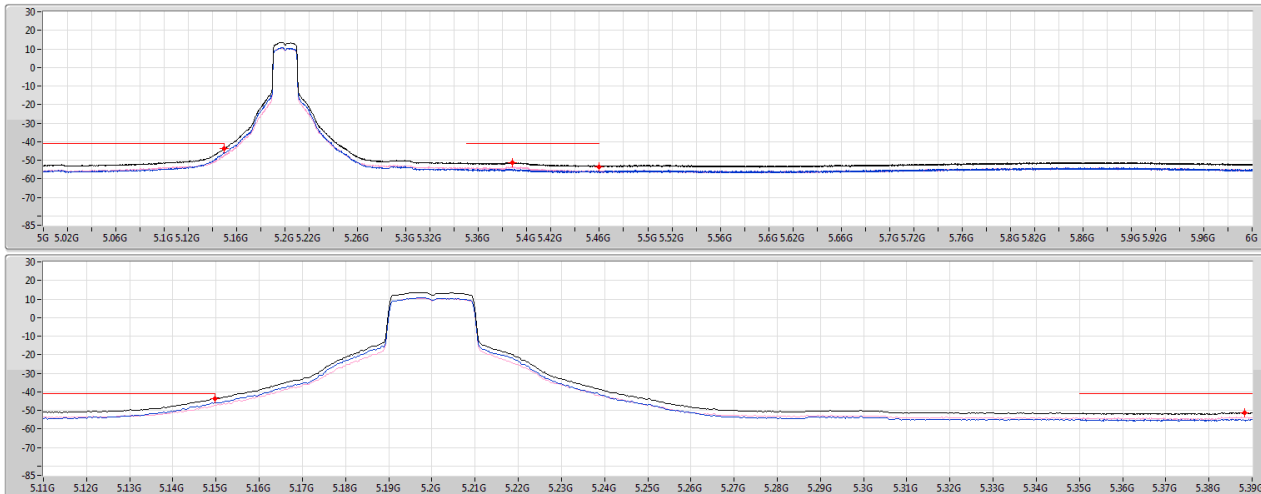
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.14975G	-27.31	-21.20	-6.11	2.00	0.00	-29.31	-30.53	-35.43
5G	6G	1M	PK	5.87375G	-36.99	-27.00	-9.99	2.00	0.00	-38.99	-41.20	-42.97

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz

CSE-AV

14/08/2020



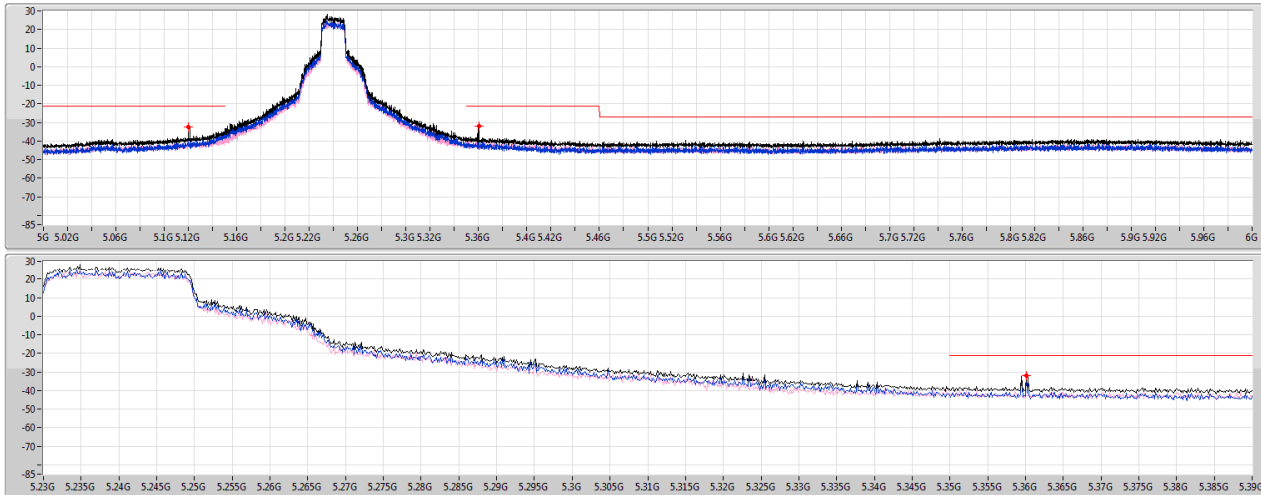
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1498G	-41.73	-41.20	-0.53	2.00	0.00	-43.73	-46.11	-47.47
5.35G	5.46G	1M	AV	5.38828G	-49.29	-41.20	-8.09	2.00	0.00	-51.29	-55.17	-53.58
5.46G	6G	1M	AV	5.46G	-51.48	-41.20	-10.28	2.00	0.00	-53.48	-56.55	-56.44

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz

CSE-PK

14/08/2020



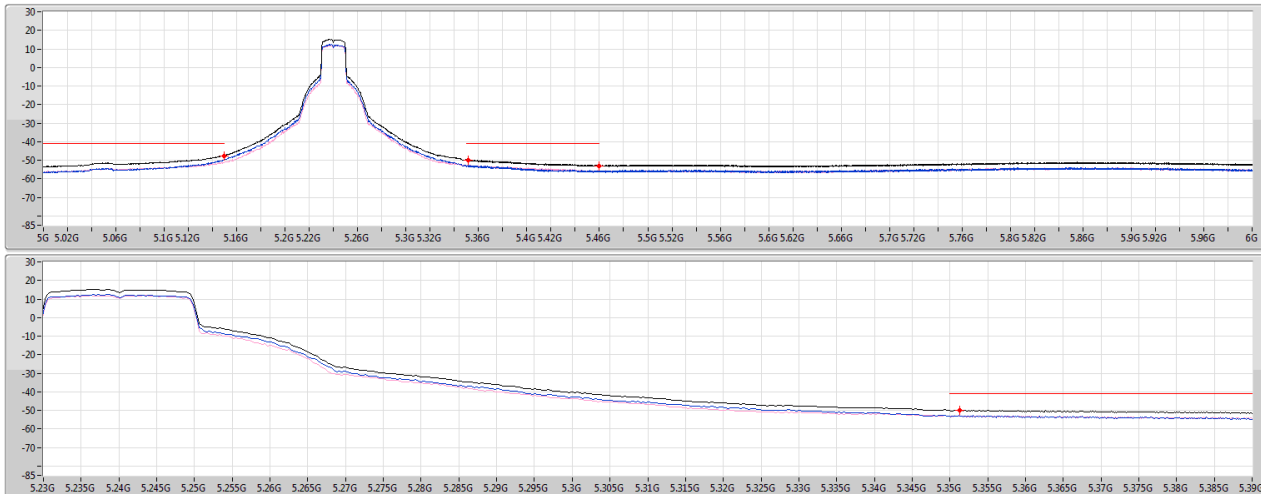
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.12013G	-30.64	-21.20	-9.44	2.00	0.00	-32.64	-33.02	-43.41
5G	6G	1M	PK	5.36013G	-29.90	-21.20	-8.70	2.00	0.00	-31.90	-32.27	-42.82

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz

CSE-AV

14/08/2020



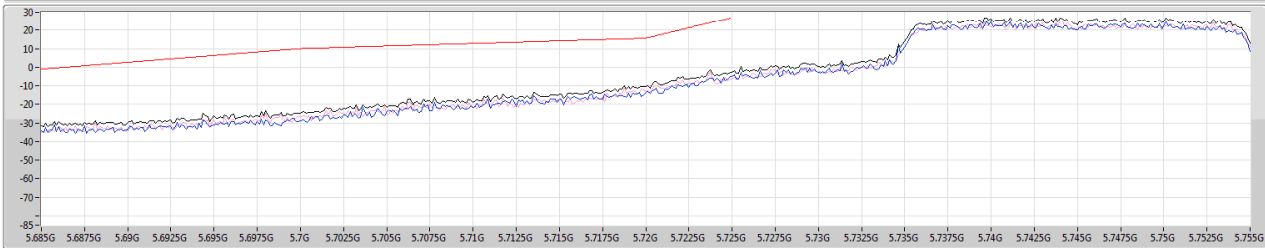
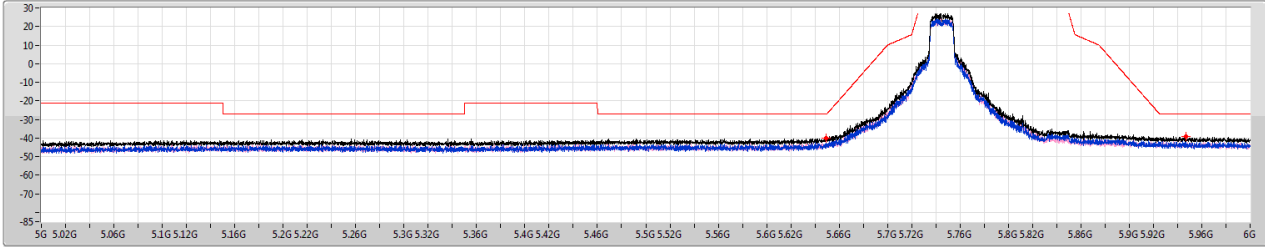
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.14945G	-45.50	-41.20	-4.30	2.00	0.00	-47.50	-49.78	-51.40
5.35G	5.46G	1M	AV	5.35132G	-47.84	-41.20	-6.64	2.00	0.00	-49.84	-52.89	-52.81
5.46G	6G	1M	AV	5.46G	-51.16	-41.20	-9.96	2.00	0.00	-53.16	-56.19	-56.15

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz

CSE-PK

14/08/2020



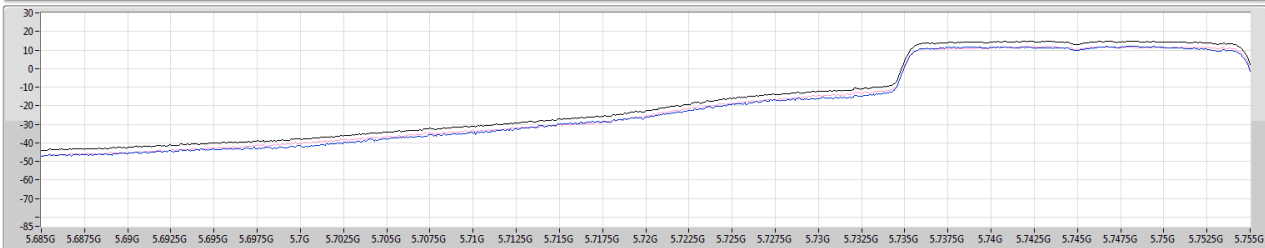
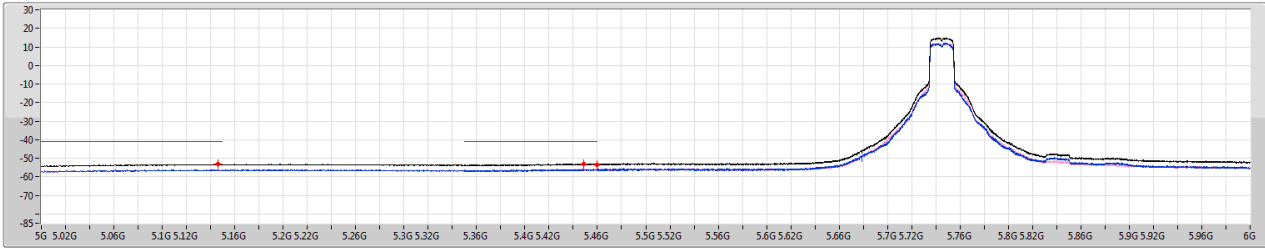
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.64938G	-38.27	-27.00	-11.27	2.00	0.00	-40.27	-42.99	-43.59
5G	6G	1M	PK	5.94663G	-37.37	-27.00	-10.37	2.00	0.00	-39.37	-41.38	-43.68

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz

CSE-AV

14/08/2020



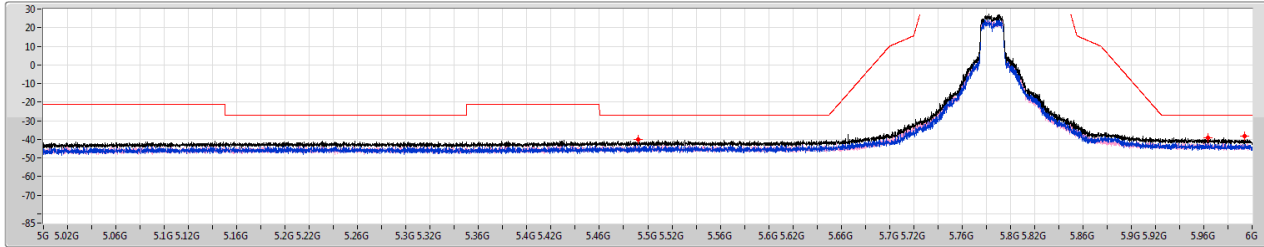
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1463G	-51.31	-41.20	-10.11	2.00	0.00	-53.31	-56.39	-56.25
5.35G	5.46G	1M	AV	5.44845G	-50.97	-41.20	-9.77	2.00	0.00	-52.97	-56.27	-55.71
5.46G	6G	1M	AV	5.46G	-51.36	-41.20	-10.16	2.00	0.00	-53.36	-56.35	-56.39

802.11ax HEW20_Nss1,(MCS0)_2TX

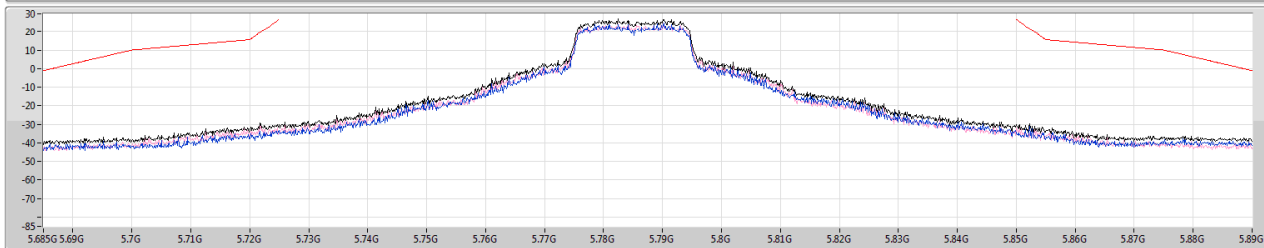
5785MHz

CSE-PK

14/08/2020



PX=Port X
Psum=P1+...PX



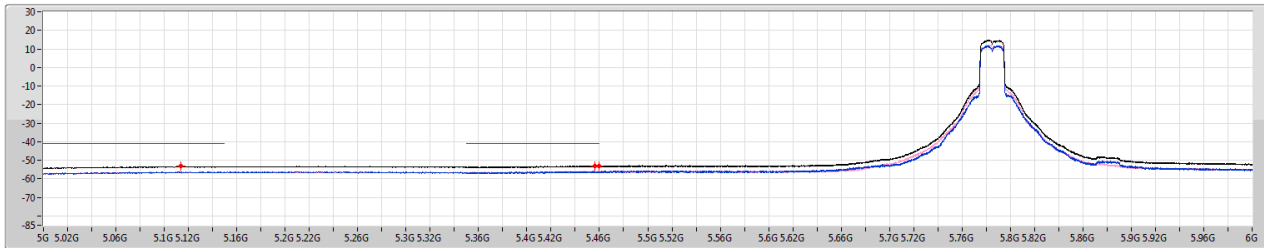
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.49188G	-38.21	-27.00	-11.21	2.00	0.00	-40.21	-41.99	-44.95
5G	6G	1M	PK	5.96363G	-37.24	-27.00	-10.24	2.00	0.00	-39.24	-42.61	-41.91
5G	6G	1M	PK	5.99388G	-36.43	-27.00	-9.43	2.00	0.00	-38.43	-39.96	-43.72

802.11ax HEW20_Nss1,(MCS0)_2TX

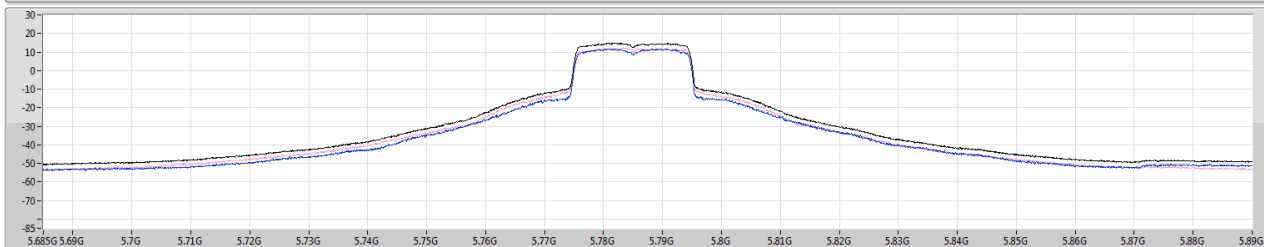
5785MHz

CSE-AV

14/08/2020



PX=Port X
Psum=P1+...PX



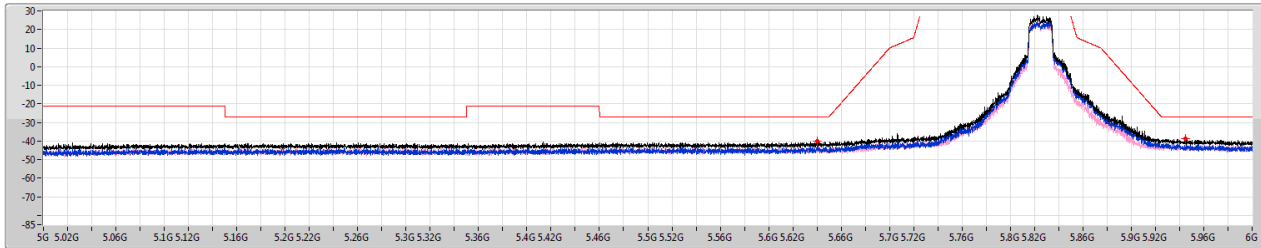
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1134G	-51.32	-41.20	-10.12	2.00	0.00	-53.32	-56.49	-56.18
5.35G	5.46G	1M	AV	5.45604G	-50.98	-41.20	-9.78	2.00	0.00	-52.98	-55.70	-56.31
5.46G	6G	1M	AV	5.46G	-51.28	-41.20	-10.08	2.00	0.00	-53.28	-56.37	-56.22

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz

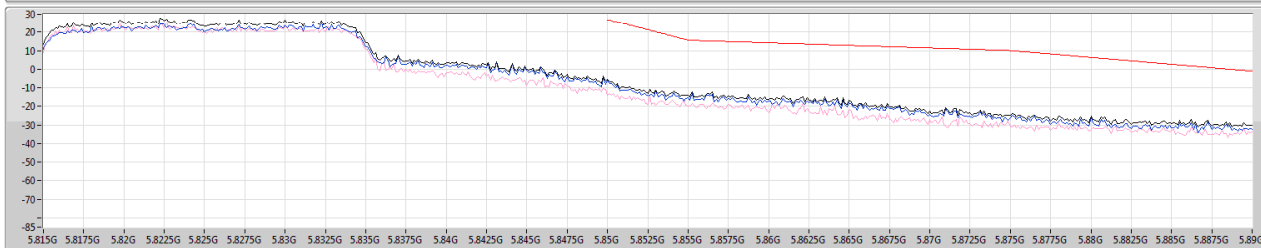
CSE-PK

14/08/2020



Limit:PK
Sum:PK
Port 1
Port 2

PK=Port X
Psum=P1+...PX



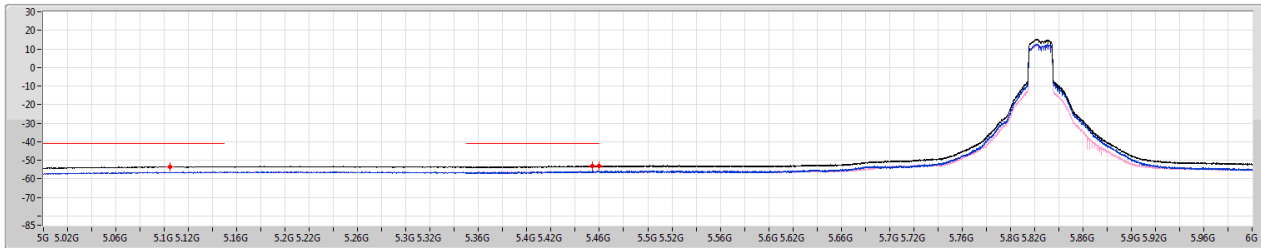
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.6405G	-38.18	-27.00	-11.18	2.00	0.00	-40.18	-42.00	-44.83
5G	6G	1M	PK	5.94463G	-36.87	-27.00	-9.87	2.00	0.00	-38.87	-43.25	-40.84

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz

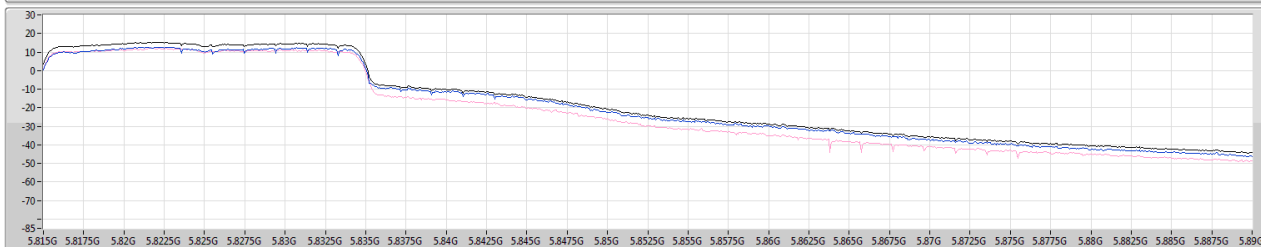
CSE-AV

14/08/2020



Limit:AV
Sum:AV
Port 1
Port 2

PK=Port X
Psum=P1+...PX



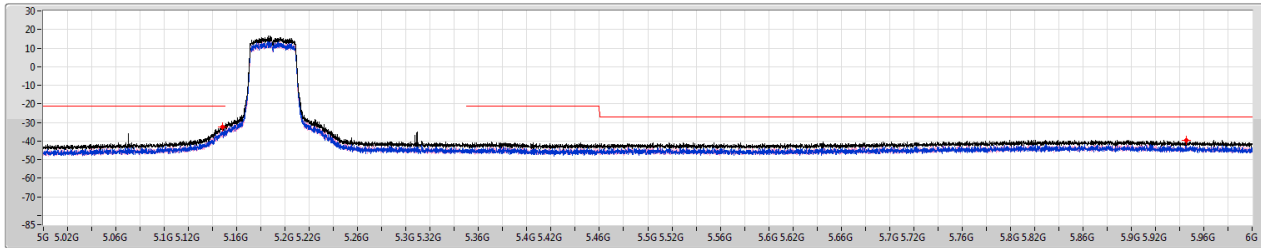
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.105G	-51.35	-41.20	-10.15	2.00	0.00	-53.35	-56.50	-56.23
5.35G	5.46G	1M	AV	5.45384G	-50.98	-41.20	-9.78	2.00	0.00	-52.98	-55.99	-55.99
5.46G	6G	1M	AV	5.46G	-51.27	-41.20	-10.07	2.00	0.00	-53.27	-56.27	-56.30

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz

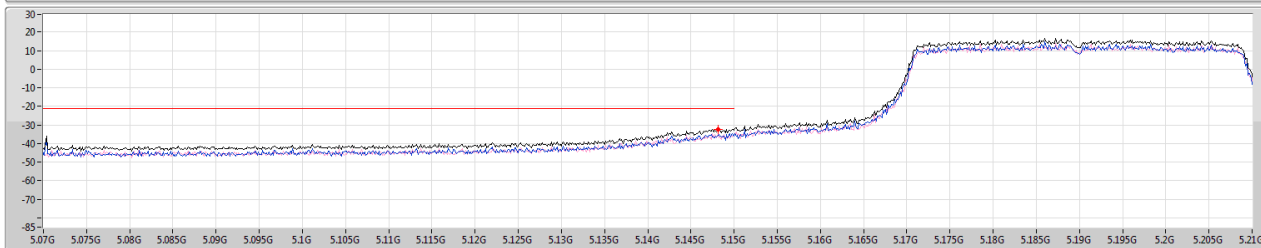
CSE-PK

14/08/2020



Limit.PK
Sum.PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX



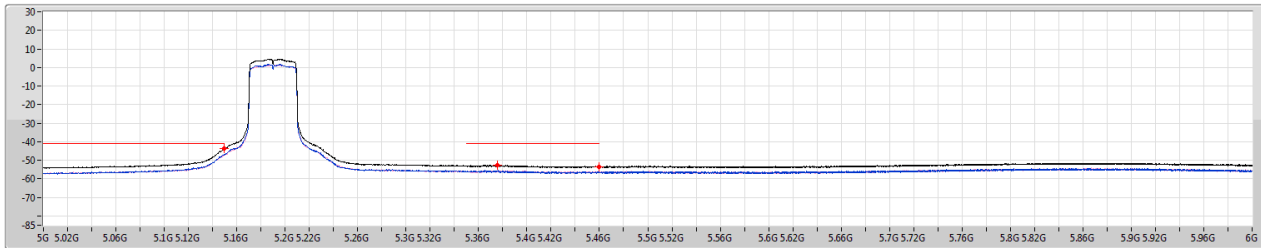
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.14813G	-30.29	-21.20	-9.09	2.00	0.00	-32.29	-35.46	-35.15
5G	6G	1M	PK	5.94588G	-37.42	-27.00	-10.42	2.00	0.00	-39.42	-42.62	-42.25

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz

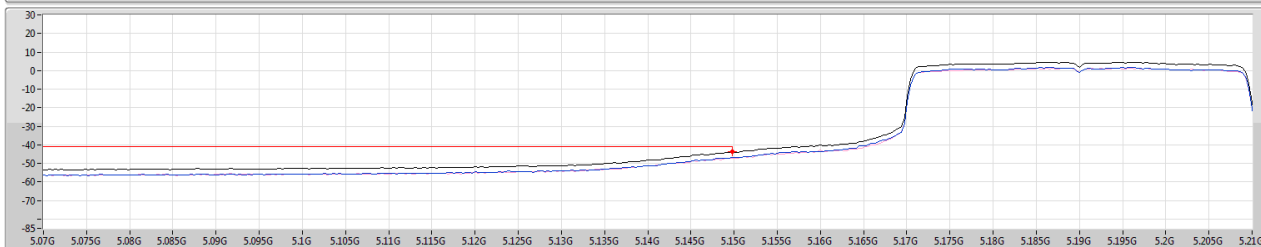
CSE-AV

14/08/2020



Limit.AV
Sum.AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX



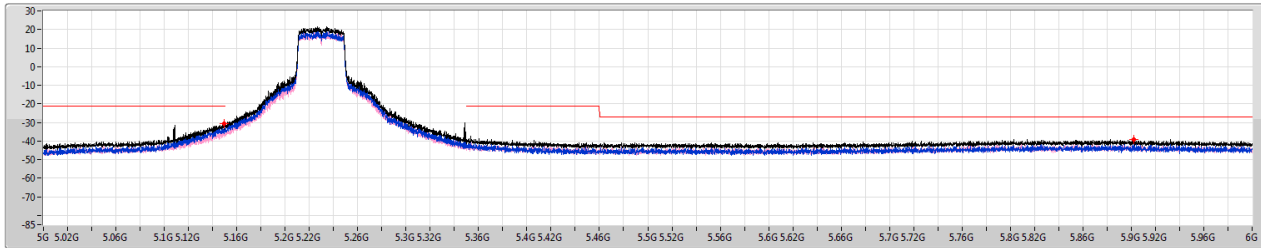
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1498G	-41.89	-41.20	-0.69	2.00	0.00	-43.89	-46.72	-47.08
5.35G	5.46G	1M	AV	5.37552G	-50.66	-41.20	-9.46	2.00	0.00	-52.66	-55.66	-55.68
5.46G	6G	1M	AV	5.46G	-51.56	-41.20	-10.36	2.00	0.00	-53.56	-56.55	-56.59

802.11ax HEW40_Nss1,(MCS0)_2TX

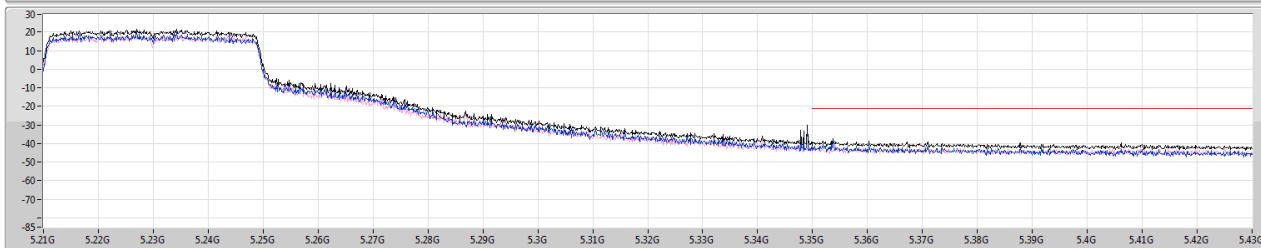
5230MHz

CSE-PK

14/08/2020



PK=Port X
Psum=P1+...+PX



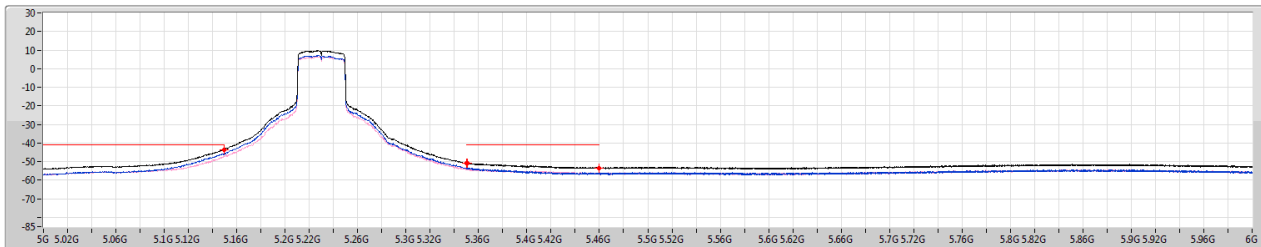
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.14975G	-28.52	-21.20	-7.32	2.00	0.00	-30.52	-32.46	-34.96
5G	6G	1M	PK	5.90238G	-37.06	-27.00	-10.06	2.00	0.00	-39.06	-40.32	-45.06

802.11ax HEW40_Nss1,(MCS0)_2TX

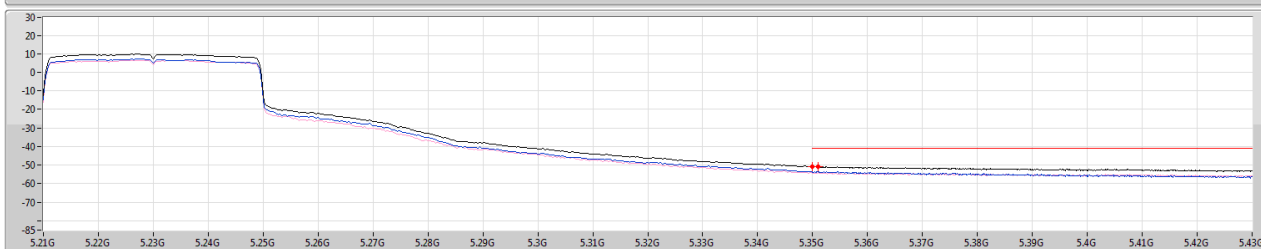
5230MHz

CSE-AV

14/08/2020



PK=Port X
Psum=P1+...+PX



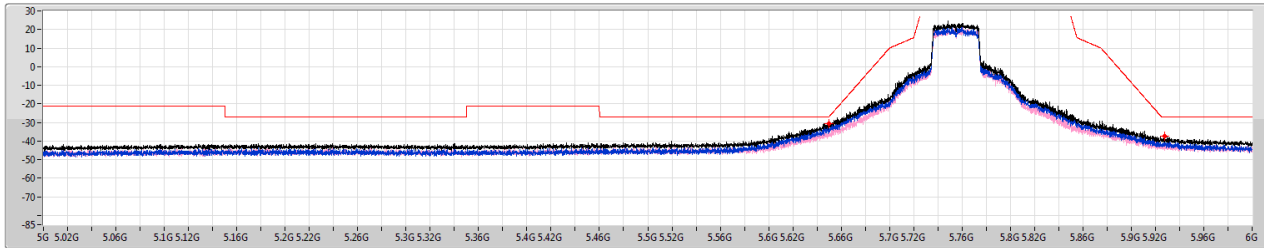
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1498G	-41.52	-41.20	-0.32	2.00	0.00	-43.52	-45.78	-47.45
5G	5.35G	1M	AV	5.35G	-48.73	-41.20	-7.53	2.00	0.00	-50.73	-53.57	-53.92
5.35G	5.46G	1M	AV	5.35099G	-48.86	-41.20	-7.66	2.00	0.00	-50.86	-53.71	-54.03
5.46G	6G	1M	AV	5.46G	-51.53	-41.20	-10.33	2.00	0.00	-53.53	-56.63	-56.46

802.11ax HEW40_Nss1,(MCS0)_2TX

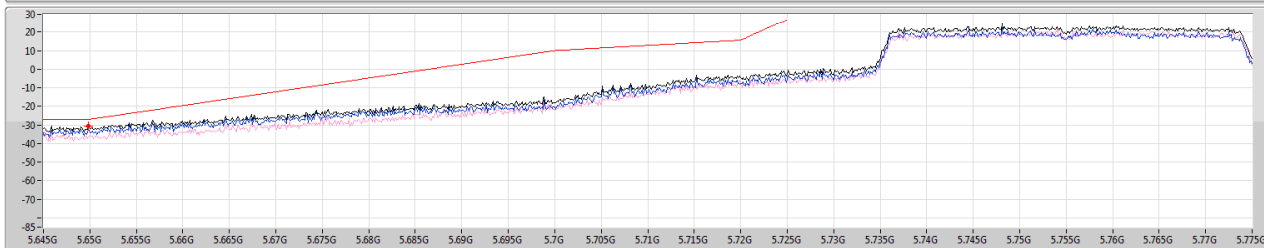
5755MHz

CSE-PK

14/08/2020



PX=Port X
Psum=P1+...PX



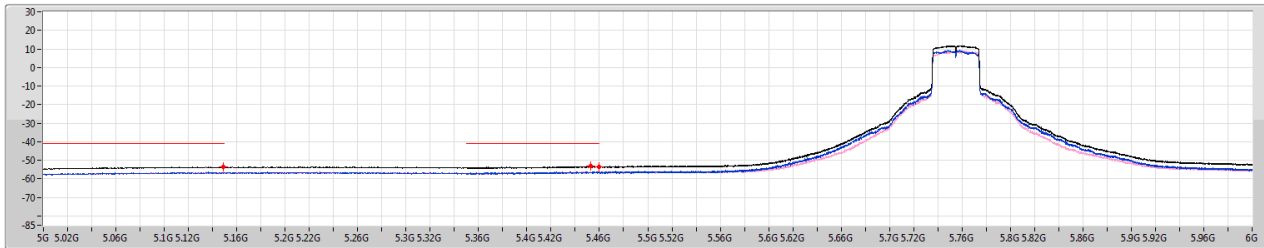
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.64988G	-28.48	-27.00	-1.48	2.00	0.00	-30.48	-31.80	-36.31
5G	6G	1M	PK	5.92775G	-35.23	-27.00	-8.23	2.00	0.00	-37.23	-39.14	-41.72

802.11ax HEW40_Nss1,(MCS0)_2TX

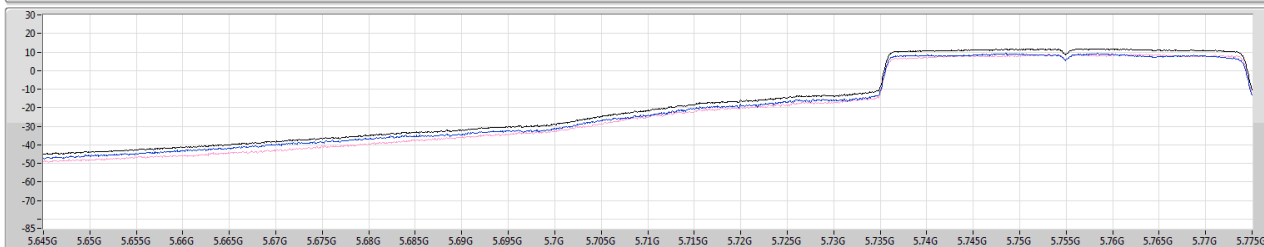
5755MHz

CSE-AV

14/08/2020



PX=Port X
Psum=P1+...PX



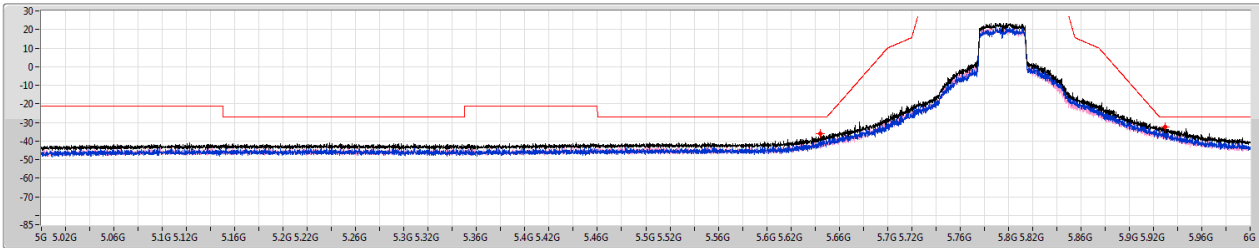
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.14875G	-51.56	-41.20	-10.36	2.00	0.00	-53.56	-56.62	-56.53
5.35G	5.46G	1M	AV	5.45263G	-51.33	-41.20	-10.13	2.00	0.00	-53.33	-56.58	-56.12
5.46G	6G	1M	AV	5.46G	-51.73	-41.20	-10.53	2.00	0.00	-53.73	-56.63	-56.85

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz

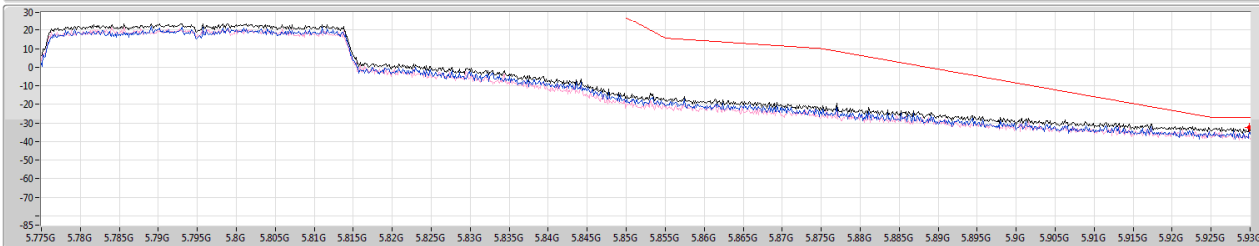
CSE-PK

14/08/2020



Limit:PK
Sum:PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX



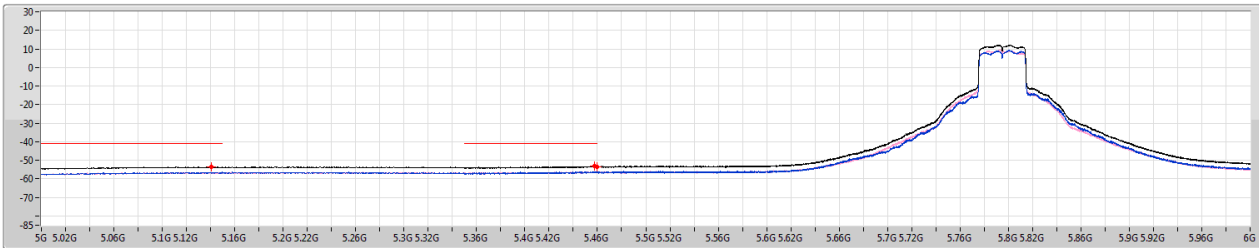
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.64425G	-34.08	-27.00	-7.08	2.00	0.00	-36.08	-41.42	-37.58
5G	6G	1M	PK	5.92988G	-30.26	-27.00	-3.26	2.00	0.00	-32.26	-33.80	-37.52

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz

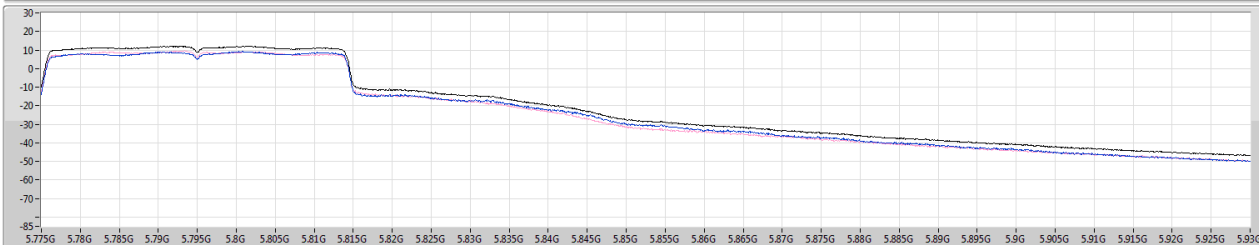
CSE-AV

14/08/2020



Limit:AV
Sum:AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX



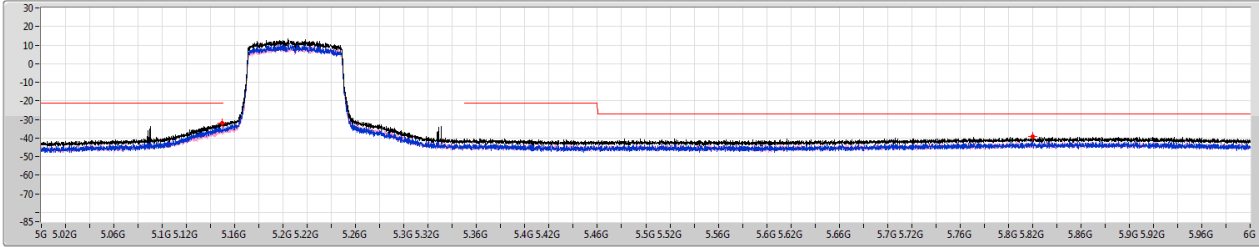
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1407G	-51.67	-41.20	-10.47	2.00	0.00	-53.67	-56.55	-56.81
5.35G	5.46G	1M	AV	5.45791G	-51.28	-41.20	-10.08	2.00	0.00	-53.28	-56.36	-56.23
5.46G	6G	1M	AV	5.46G	-51.63	-41.20	-10.43	2.00	0.00	-53.63	-56.67	-56.62

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz

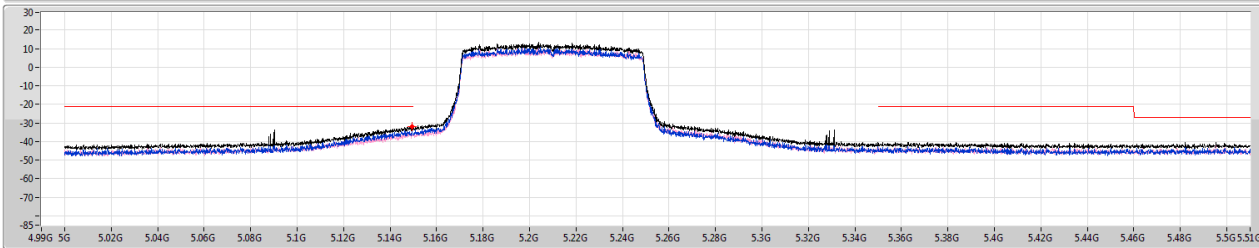
CSE-PK

14/08/2020



Limit.PK
Sum.PK
Port 1
Port 2

PX=Port X
Psum=P1+...PX



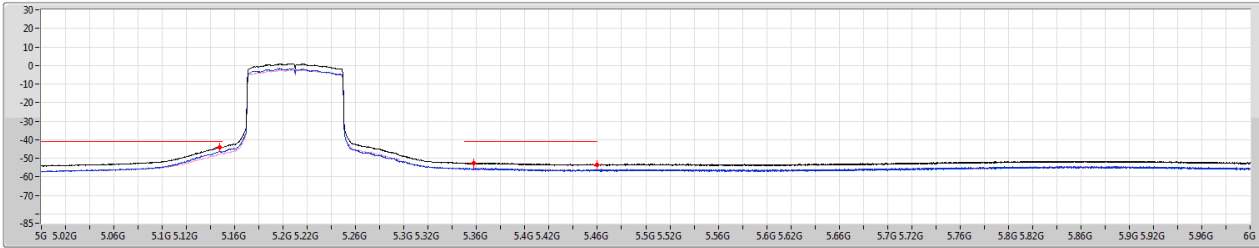
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.14938G	-29.89	-21.20	-8.69	2.00	0.00	-31.89	-33.85	-36.30
5G	6G	1M	PK	5.81988G	-37.38	-27.00	-10.38	2.00	0.00	-39.38	-40.97	-44.51

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz

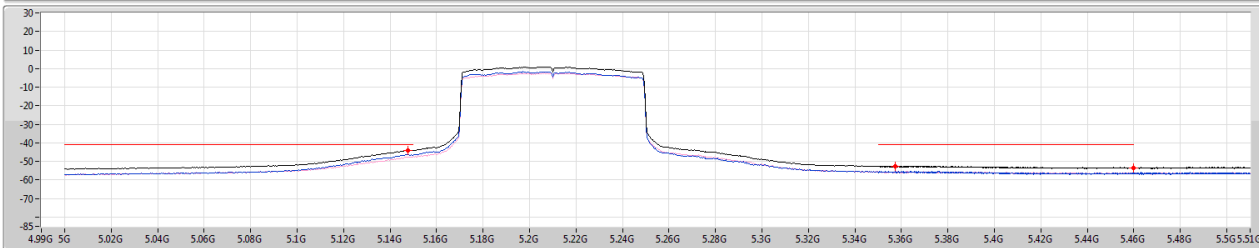
CSE-AV

14/08/2020



Limit.AV
Sum.AV
Port 1
Port 2

PX=Port X
Psum=P1+...PX



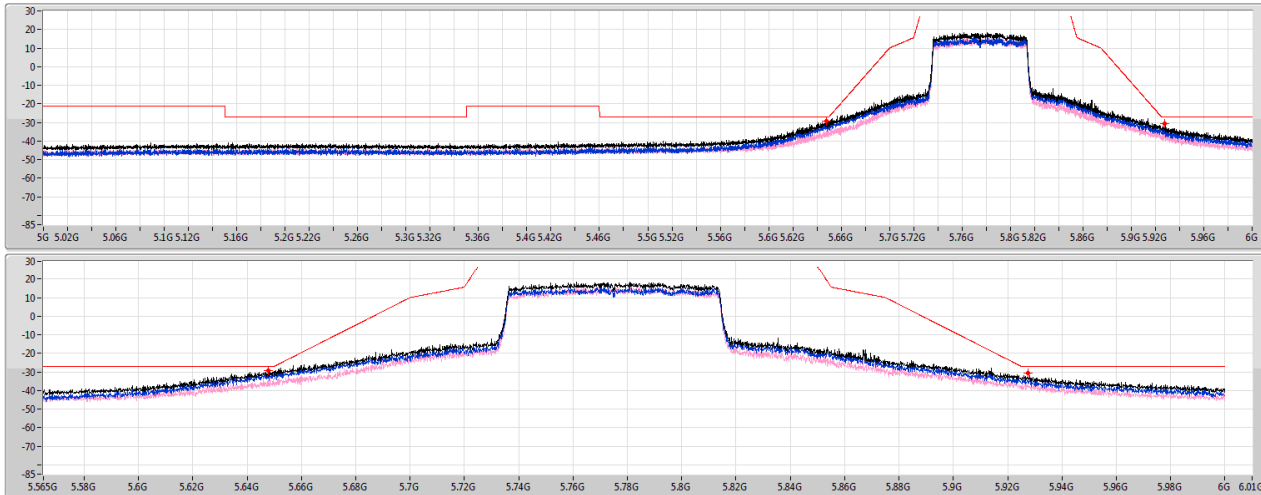
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1477G	-41.93	-41.20	-0.73	2.00	0.00	-43.93	-46.32	-47.67
5.35G	5.46G	1M	AV	5.3573G	-50.48	-41.20	-9.28	2.00	0.00	-52.48	-55.24	-55.75
5.46G	6G	1M	AV	5.46G	-51.63	-41.20	-10.43	2.00	0.00	-53.63	-56.79	-56.49

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz

CSE-PK

14/08/2020



PX=Port X
Psum=P1+...PX

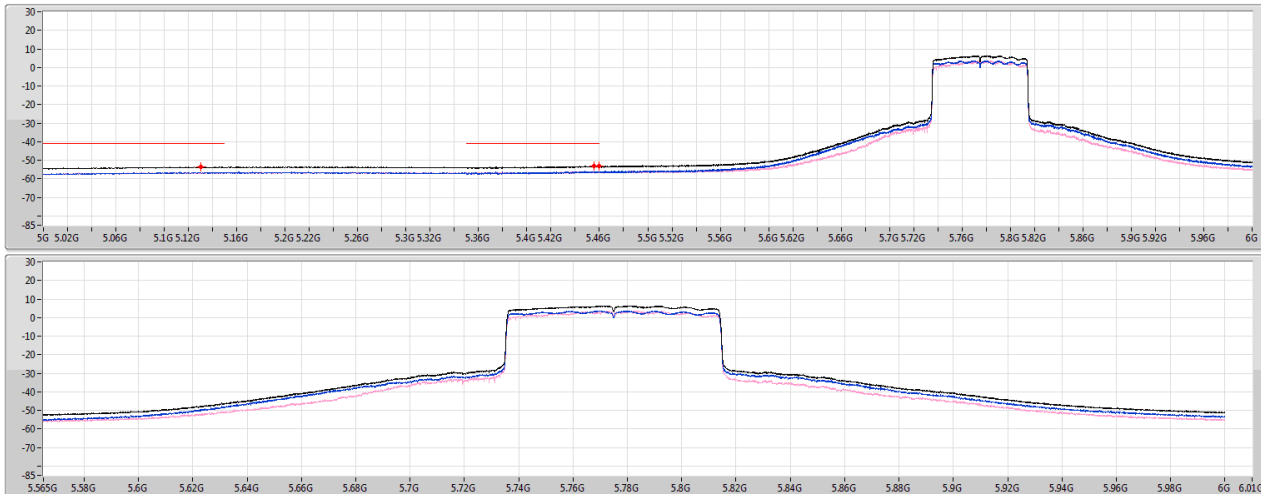
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	6G	1M	PK	5.64788G	-27.21	-27.00	-0.21	2.00	0.00	-29.21	-30.58	-34.88
5G	6G	1M	PK	5.9275G	-28.70	-27.00	-1.70	2.00	0.00	-30.70	-32.59	-35.21

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz

CSE-AV

14/08/2020



PX=Port X
Psum=P1+...PX

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
5G	5.35G	1M	AV	5.1302G	-51.62	-41.20	-10.42	2.00	0.00	-53.62	-56.54	-56.73
5.35G	5.46G	1M	AV	5.4538G	-51.15	-41.20	-9.95	2.00	0.00	-53.15	-56.03	-56.30
5.46G	6G	1M	AV	5.46G	-51.28	-41.20	-10.08	2.00	0.00	-53.28	-56.26	-56.32



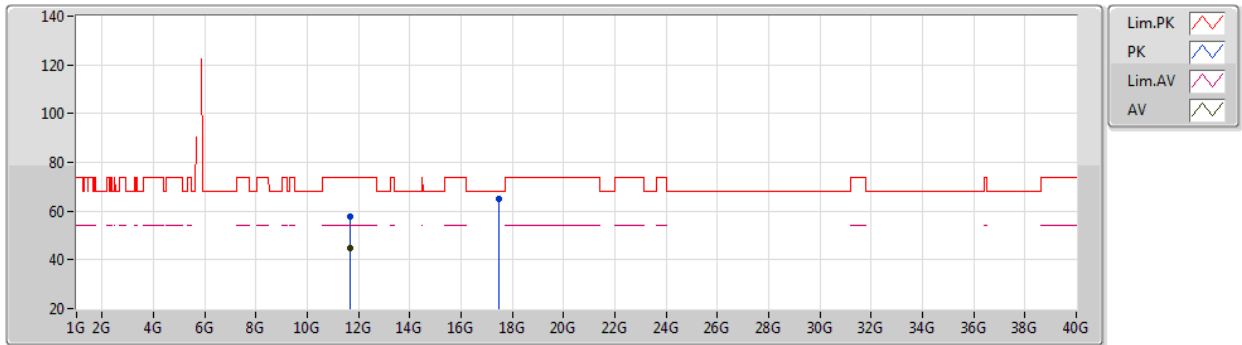
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1.(MCS0)_2TX	Pass	PK	17.48084G	66.32	68.20	-1.88	3	Horizontal	294	1.80	-

802.11ax HEW20_Nss1,(MCS0)_2TX

21/08/2020

5825MHz_TX



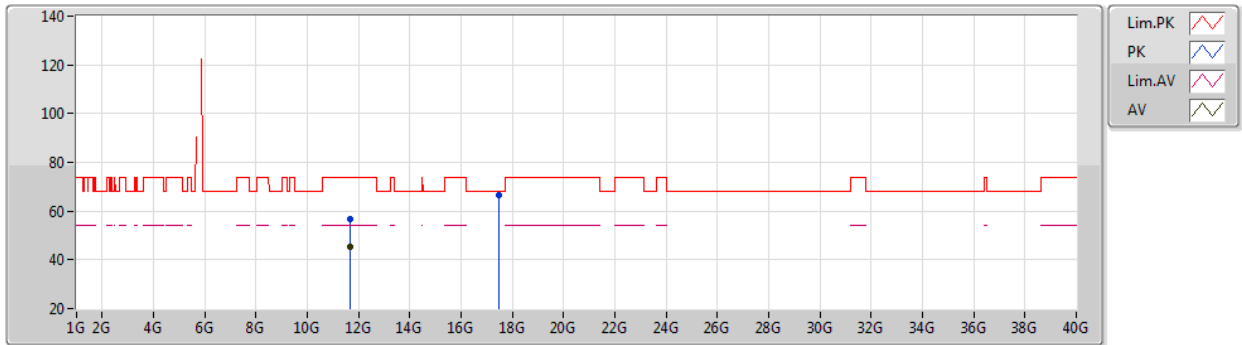
EUT X_2TX
Setting 28.5
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65168G	57.59	74.00	-16.41	44.16	3	Vertical	303	1.80	-	39.42	8.18	34.17
AV	11.65072G	44.86	54.00	-9.14	31.43	3	Vertical	303	1.80	-	39.42	8.18	34.17
PK	17.4678G	65.08	68.20	-3.12	44.34	3	Vertical	296	1.67	-	45.38	9.65	34.29

802.11ax HEW20_Nss1,(MCS0)_2TX

21/08/2020

5825MHz_TX



EUT X_2TX
Setting 28.5
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6502G	56.74	74.00	-17.26	43.31	3	Horizontal	230	2.12	-	39.42	8.18	34.17
AV	11.64992G	45.55	54.00	-8.45	32.11	3	Horizontal	230	2.12	-	39.43	8.18	34.17
PK	17.48084G	66.32	68.20	-1.88	45.44	3	Horizontal	294	1.80	-	45.51	9.66	34.29