FCC RADIO TEST REPORT

FCC ID	:	Z8H89FT0058
Equipment	:	Wireless Access Point
Brand Name	:	Cambium Networks
Model Name	:	REG-XV3-8
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 Sep. 23, 2019, and testing was started from Sep. 26, 2019 and completed on Feb. 07, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Cliff Chang

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

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History of this test report

Report No.	Version	Description	Issued Date
FR912418-02AB	01	Initial issue of report	Feb. 28, 2020

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: Cindy Peng

1 General Description

1.1 Information

1.1.1 RF General Information

<DBS mode>

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	8TX
5.15-5.25GHz	802.11n HT20	20	8TX
5.15-5.25GHz	802.11n HT20-BF	20	8TX
5.15-5.25GHz	802.11ac VHT20	20	8TX
5.15-5.25GHz	802.11ac VHT20-BF	20	8TX
5.15-5.25GHz	802.11ax HEW20	20	8TX
5.15-5.25GHz	802.11ax HEW20-BF	20	8TX
5.15-5.25GHz	802.11n HT40	40	8TX
5.15-5.25GHz	802.11n HT40-BF	40	8TX
5.15-5.25GHz	802.11ac VHT40	40	8TX
5.15-5.25GHz	802.11ac VHT40-BF	40	8TX
5.15-5.25GHz	802.11ax HEW40	40	8TX
5.15-5.25GHz	802.11ax HEW40-BF	40	8TX
5.15-5.25GHz	802.11ac VHT80	80	8TX
5.15-5.25GHz	802.11ac VHT80-BF	80	8TX
5.15-5.25GHz	802.11ax HEW80	80	8TX
5.15-5.25GHz	802.11ax HEW80-BF	80	8TX
5.725-5.85GHz	802.11a	20	8TX
5.725-5.85GHz	802.11n HT20	20	8TX
5.725-5.85GHz	802.11n HT20-BF	20	8TX
5.725-5.85GHz	802.11ac VHT20	20	8TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ac VHT20-BF	20	8TX
5.725-5.85GHz	802.11ax HEW20	20	8TX
5.725-5.85GHz	802.11ax HEW20-BF	20	8TX
5.725-5.85GHz	802.11n HT40	40	8TX
5.725-5.85GHz	802.11n HT40-BF	40	8TX
5.725-5.85GHz	802.11ac VHT40	40	8TX
5.725-5.85GHz	802.11ac VHT40-BF	40	8TX
5.725-5.85GHz	802.11ax HEW40	40	8TX
5.725-5.85GHz	802.11ax HEW40-BF	40	8TX
5.725-5.85GHz	802.11ac VHT80	80	8TX
5.725-5.85GHz	802.11ac VHT80-BF	80	8TX
5.725-5.85GHz	802.11ax HEW80	80	8TX
5.725-5.85GHz	802.11ax HEW80-BF	80	8TX

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.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

<SBS mode>

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

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

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

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

<Scan Radio>

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.15-5.25GHz	802.11n HT20	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11n HT40	40	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.725-5.85GHz	802.11a	20	1TX
5.725-5.85GHz	802.11n HT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11n HT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ac VHT80	80	1TX

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

1.1.2 Antenna Information

For Antenna Gain:

Radio	Ant.	Port		Brand	Model Name	Type	Connector	Antenna Gain (dBi)				Function
1	1	1		ANGeei	120G00000325A	PIFA	I-PEX	5.13				WLAN 2.4GHz (DBS mode)
	2	2		ANGeei	120G00000325A	PIFA	I-PEX	5.13				
	3	3		ANGeei	120G00000325A	PIFA	I-PEX	5.13				
	4	4		ANGeei	120G00000325A	PIFA	I-PEX	5.13				
Radio	**Ant.**	**Port**		**Brand**	**Model Name**	**Type**	**Connector**	**Antenna Gain (dBi)**				**Function**
								DBS mode		**SBS mode**		
		DBS mode	**SBS mode**					**5GHz Band 1**	**5GHz Band 4**	**5GHz Band 1**	**5GHz Band 4**	
2	5	1	1	ANGeei	120G00000325A	PIFA	I-PEX	6.72	6.70	-	6.70	WLAN 5GHz (DBS mode or SBS mode)
	6	2	2	ANGeei	120G00000325A	PIFA	I-PEX	6.72	6.70	-	6.70	
	7	3	3	ANGeei	120G00000325A	PIFA	I-PEX	6.72	6.70	-	6.70	
	8	4	4	ANGeei	120G00000325A	PIFA	I-PEX	6.72	6.70	-	6.70	
3	9	5	1	ANGeei	120G00000325A	PIFA	I-PEX	6.72	6.70	6.19	-	
	10	6	2	ANGeei	120G00000325A	PIFA	I-PEX	6.72	6.70	6.19	-	
	11	7	3	ANGeei	120G00000325A	PIFA	I-PEX	6.72	6.70	6.19	-	
	12	8	4	ANGeei	120G00000325A	PIFA	I-PEX	6.72	6.70	6.19	-	
Radio	**Ant.**	**Port**		**Brand**	**Model Name**	**Type**	**Connector**	**Antenna Gain (dBi)**				**Function**
								2.4GHz		**5GHz**		
4	13	1		ANGeei	120G00000325A	PIFA	I-PEX	5.08		6.27		WLAN 2.4GHz/ 5GHz (Scan Radio)
Radio	**Ant.**	**Port**		**Brand**	**Model Name**	**Type**	**Connector**	**Antenna Gain (dBi)**				**Function**
5	14	1		WIESON	GT128V007S-001	PIFA	I-PEX	4.90				Bluetooth

For Composite Gain:

Radio	Ant.	Port	Composite Gain (dBi)		Function
			Beamforming mode		
1	1~4	1~4	9.25		WLAN 2.4GHz (DBS mode)
Radio	Ant.	Port	Composite Gain (dBi)		Function
			5GHz Band 1	5GHz Band 4	
			Beamforming mode	Beamforming mode	
2+3	5~12	1~8	11.66	11.41	WLAN 5GHz (DBS mode)
Radio	Ant.	Port	Composite Gain (dBi)		Function
			Beamforming mode		
2	5~8	1~4	8.79		WLAN 5GHz Band 4 (SBS mode)
3	9~12	1~4	9.58		WLAN 5GHz Band 1 (SBS mode)

Note1: The above information was declared by manufacturer.
Note2: The EUT has fourteen antennas.
Note3: The non-beamforming mode follows 10log(N) and beamforming mode follows composie gain for directional gain.

<DBS mode>

Radio	Ant.	Port	WLAN 2.4GHz function
1	1~4	1~4	IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX): Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
Radio	**Ant.**	**Port**	**WLAN 5GHz Band 1, 4 functions**
2	5~8	1~4	IEEE 802.11a/n/ac/ax mode (8TX/8RX): Port 1, Port 2, Port 3, Port 4, Port 5, Port 6, Port 7 and Port 8 could transmit/receive simultaneously.
3	9~12	5~8	

<SBS mode>

Radio	Ant.	Port	WLAN 5GHz High Band function
2	5~8	1~4	IEEE 802.11a/n/ac/ax mode (4TX/4RX): Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
Radio	**Ant.**	**Port**	**WLAN 5GHz Low Band function**
3	9~12	1~4	IEEE 802.11a/n/ac/ax mode (4TX/4RX): Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

<Scan Radio>

Radio	Ant.	Port	WLAN 2.4GHz function
4	13	1	IEEE 802.11b/g/n/VHT mode (1TX/1RX): Only Port 1 can be used as transmitting/receiving.
Radio	**Ant.**	**Port**	**WLAN 5GHz Band 1, 4 functions**
4	13	1	IEEE 802.11a/n/ac mode (1TX/1RX): Only Port 1 can be used as transmitting/receiving.

<Bluetooth Radio>

Radio	Ant.	Port	Bluetooth function (1TX/1RX)
5	14	1	Only Port 1 can be used as transmitting/receiving.

1.1.3 Mode Test Duty Cycle

For non-beamforming mode:

<DBS mode>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.949	0.23	1.98m	1k
802.11ax HEW20	0.96	0.18	5.448m	300
802.11ax HEW40	0.941	0.26	5.448m	300
802.11ax HEW80	0.959	0.18	5.448m	300

<SBS mode>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.942	0.26	1.978m	1k
802.11ax HEW20	0.95	0.22	5.448m	300
802.11ax HEW40	0.951	0.22	5.448m	300
802.11ax HEW80	0.952	0.21	5.448m	300

<Scan Radio>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.966	0.15	2.033m	1k
802.11ac VHT20	0.965	0.15	1.893m	1k
802.11ac VHT40	0.932	0.31	932.5u	3k
802.11ac VHT80	0.872	0.59	460u	3k

For beamforming mode:

<DBS mode>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.89	0.51	1.766m	1k
802.11ax HEW40-BF	0.977	0.1	1.974m	1k
802.11ax HEW80-BF	0.877	0.57	1.945m	1k

<SBS mode>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.853	0.69	1.764m	1k
802.11ax HEW40-BF	0.874	0.58	1.764m	1k
802.11ax HEW80-BF	0.918	0.37	1.944m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	For non-beamforming mode: QSPR			
	For beamforming mode: Telnet			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01
- 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	23.6~24.9°C / 55~58%	Oct. 22, 2019~Feb. 07, 2020
Radiated below 1GHz	03CH05-CB	KJ Huang	23.7~25.5°C / 60~63%	Sep. 26, 2019~Oct. 24, 2019
Radiated above 1GHz	03CH06-CB	Eason Chen	23~24.8°C / 50~55%	Oct. 14, 2019~Jan. 16, 2020
AC Conduction for mode 1~mode 3	CO01-CB	Peter Wu	24~25°C / 60~62%	Dec. 02, 2019
AC Conduction for mode 4~mode 6	CO01-CB	Max Lin	24~25°C / 60~62%	Dec. 02, 2019

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)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For non-beamforming mode:

<DBS mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_8TX	-
5180MHz	11
5200MHz	11
5240MHz	11
5745MHz	17
5785MHz	17
5825MHz	17
802.11ax HEW20_Nss1,(MCS0)_8TX	-
5180MHz	11.5
5200MHz	11.5
5240MHz	11
5745MHz	17
5785MHz	17.5
5825MHz	17.5
802.11ax HEW40_Nss1,(MCS0)_8TX	-
5190MHz	14
5230MHz	14
5755MHz	19
5795MHz	19.5
802.11ax HEW80_Nss1,(MCS0)_8TX	-
5210MHz	14.5
5775MHz	16.5

<SBS mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	17.5
5200MHz	17
5240MHz	17
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	17
5200MHz	17.5
5240MHz	17.5
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	14.5
5230MHz	18
5755MHz	20
5795MHz	21
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	14
5775MHz	17.5

<Scan Radio>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	26
5200MHz	32
5240MHz	28.5
5745MHz	32
5785MHz	32
5825MHz	32
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5180MHz	26
5200MHz	32
5240MHz	28
5745MHz	32
5785MHz	32
5825MHz	32
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5190MHz	21
5230MHz	28.5
5755MHz	32
5795MHz	32
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5210MHz	20.5
5775MHz	30.5

For beamforming mode:

<DBS mode>

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-
5180MHz	23
5200MHz	23
5240MHz	23
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-
5190MHz	22
5230MHz	23
5755MHz	19
5795MHz	23
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-
5210MHz	21
5775MHz	21

<SBS mode>

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	20
5200MHz	25
5240MHz	24
5745MHz	27
5785MHz	27
5825MHz	27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	18
5230MHz	23
5755MHz	24
5795MHz	25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	17
5775MHz	21

Note:
- There are two modes of EUT for 11n/VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode. Both beamforming mode and non-beamforming mode were selected and recorded in this report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	Normal Link with Adapter-DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (5GHz) + Bluetooth Radio
2	Normal Link with Adapter-DBS Mode (2.4GHz) + SBS Mode (5GHz low band) + SBS Mode (5GHz high band)+ Scan Radio (5GHz) + Bluetooth Radio
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	Normal Link with PoE-DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (5GHz) + Bluetooth Radio
4	Normal Link with Adapter-DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (2.4GHz) + Bluetooth Radio
5	Normal Link with Adapter-DBS Mode (2.4GHz) + SBS Mode (5GHz low band) + SBS Mode (5GHz high band)+ Scan Radio (2.4GHz) + Bluetooth Radio
Mode 5 has been evaluated to be the worst case among Mode 4~5, thus measurement for Mode 6 will follow this same test mode.	
6	Normal Link with PoE- DBS Mode (2.4GHz) + SBS Mode (5GHz low band) + SBS Mode (5GHz high band) + Scan Radio (2.4GHz) + Bluetooth Radio
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	For non-beamforming mode: DBS mode
2	For non-beamforming mode: SBS mode
3	For non-beamforming mode: Scan Radio
4	For beamforming mode: DBS mode
5	For beamforming mode: SBS mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	Normal Link with Adapter-DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (5GHz) + Bluetooth Radio-EUT in Z axis
2	Normal Link with Adapter-DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (5GHz) + Bluetooth Radio-EUT in Y axis
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	Normal Link with Adapter-DBS Mode (2.4GHz) + SBS Mode (5GHz low band) + SBS Mode (5GHz high band)+ Scan Radio (5GHz) + Bluetooth Radio-EUT in Y axis
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	Normal Link with PoE-DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (5GHz) + Bluetooth Radio-EUT in Y axis
5	Normal Link with Adapter-DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (5GHz) + Bluetooth Radio-EUT in Y axis
6	Normal Link with Adapter-DBS Mode (2.4GHz) + SBS Mode (5GHz low band) + SBS Mode (5GHz high band)+ Scan Radio (2.4GHz) + Bluetooth Radio -EUT in Y axis
Mode 6 has been evaluated to be the worst case among Mode 5~6, thus measurement for Mode 7 will follow this same test mode.	
7	Normal Link with PoE-DBS Mode (2.4GHz) + SBS Mode (5GHz low band) + SBS Mode (5GHz high band)+ Scan Radio (2.4GHz) + Bluetooth Radio -EUT in Y axis
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at Y axis and Z axis position for Unwanted Emissions above 1GHz test 1. For DBS mode: the worst case was found at Z axis. So the measurement will follow this same test configuration. 2. For SBS mode and Scan Radio: the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	For non-beamforming mode: EUT Z axis - DBS mode
2	For non-beamforming mode: EUT Y axis - SBS mode
3	For non-beamforming mode: EUT Y axis - Scan Radio
4	For beamforming mode: EUT Z axis - DBS mode
5	For beamforming mode: EUT Y axis - SBS mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (2.4GHz) + Bluetooth Radio
2	DBS Mode (2.4GHz) + DBS Mode (5GHz) + Scan Radio (5GHz) + Bluetooth Radio
3	SBS Mode (5GHz low band) + SBS Mode (5GHz high band) + DBS Mode (2.4GHz) + Scan Radio (2.4GHz) + Bluetooth Radio
4	SBS Mode (5GHz low band) + SBS Mode (5GHz high band) + DBS Mode (2.4GHz) + Scan Radio (5GHz) + Bluetooth Radio
Refer to Sporton Test Report No.: FA912418-02 for Co-location RF Exposure Evaluation.	

Note: For EUT + PoE, the PoE is for measurement only, would not be marketed.

Equipment	Brand Name	Model Name	FCC ID
PoE	Cambium	P060V04	N/A

2.3 EUT Operation during Test

For CTX Mode:
For non-beamforming mode:
The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

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

For Normal Link:
During the test, the EUT operation to normal function.

2.4 Accessories

Accessories					
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**	**Remark**
1	Adapter	CWT	KPL-040F-VI	INPUT: 100-240V, 50/60Hz, 1.7A OUTPUT: 12V, 3.33A, 40W	With the cable: Non-shielded, 1.3m
No.	**Others**				
2	Wall-mounted rack*1				
3	Power cable*1: Non-shielded, 2m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	JetFlash-700	N/A
B	5G LAN PC	DELL	T3400	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	1G LAN NB	DELL	E6430	N/A
G	Scan Radio NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	JetFlash-700	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A
D	Notebook	DELL	E4300	N/A
E	Notebook	DELL	E4300	N/A
F	PC	DELL	OPTIPLEX 380	N/A

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

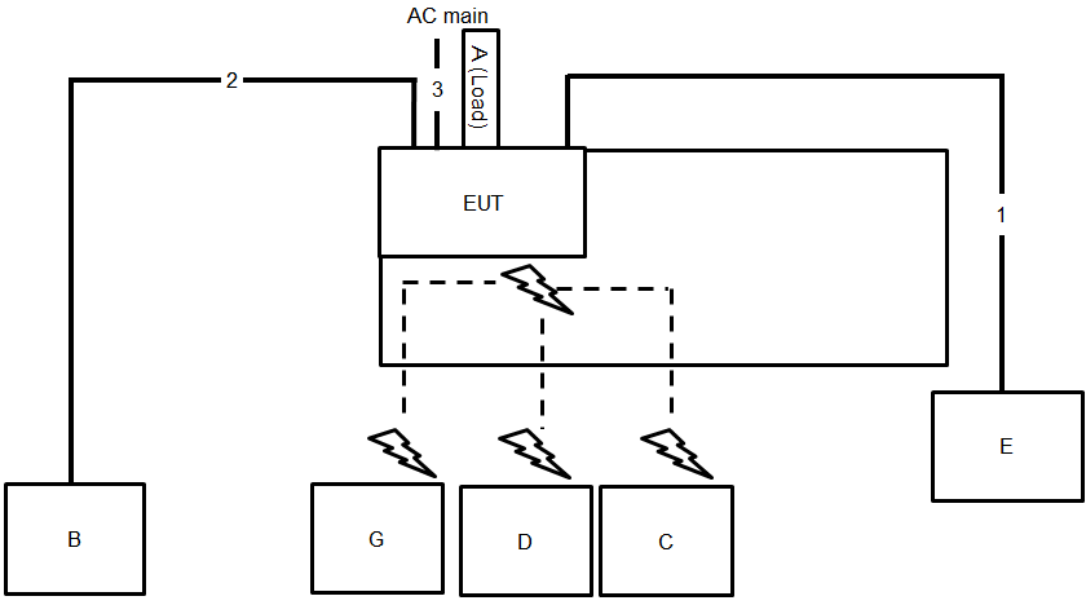
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

For beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Wireless Access Point (Client)	Cambium Networks	REG-XV3-8	Z8H89FT0058

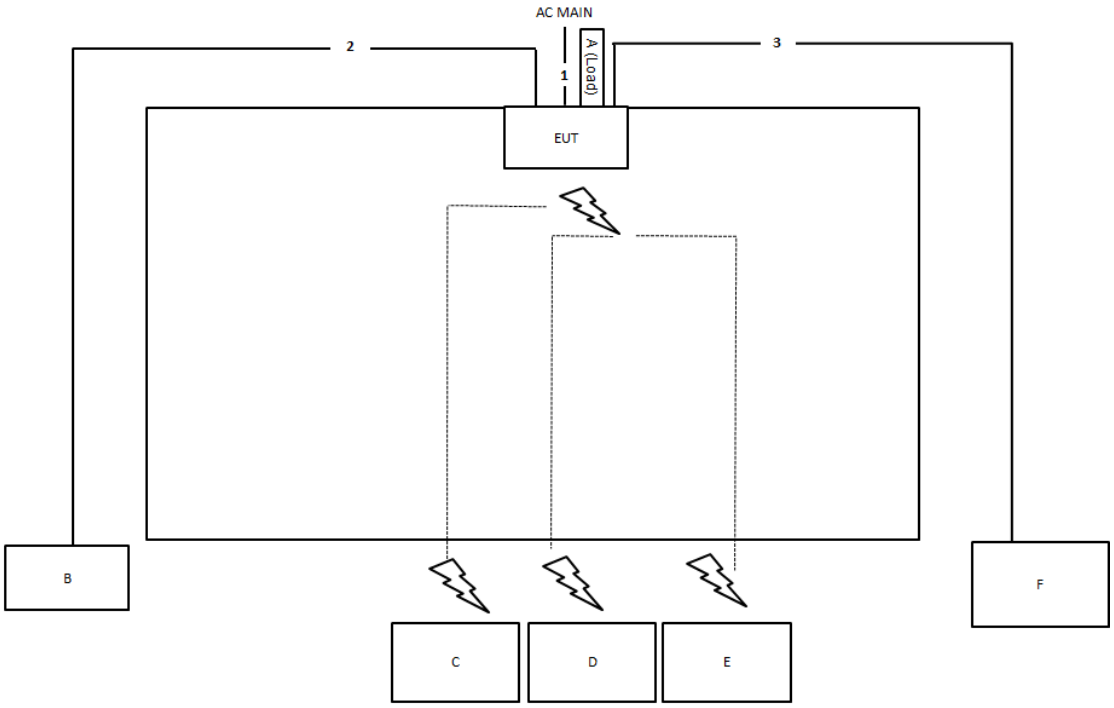
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	10m
3	Power cable	No	3.3m

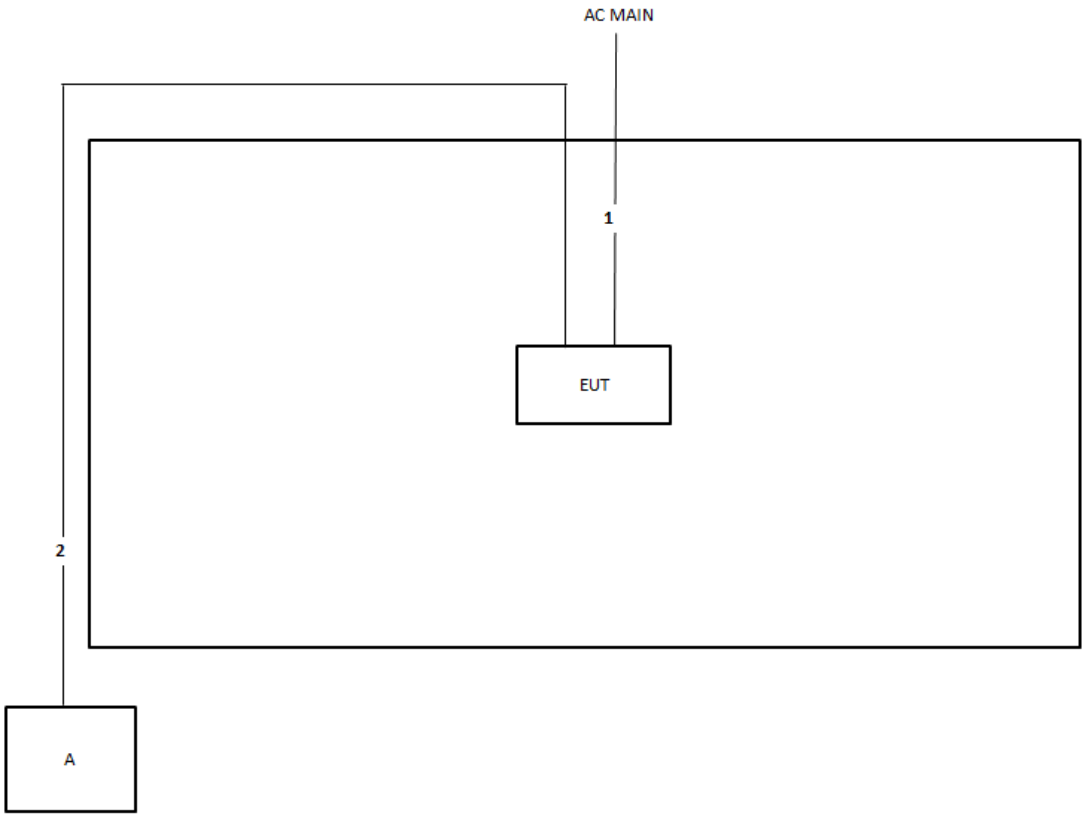
Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	3.3m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz

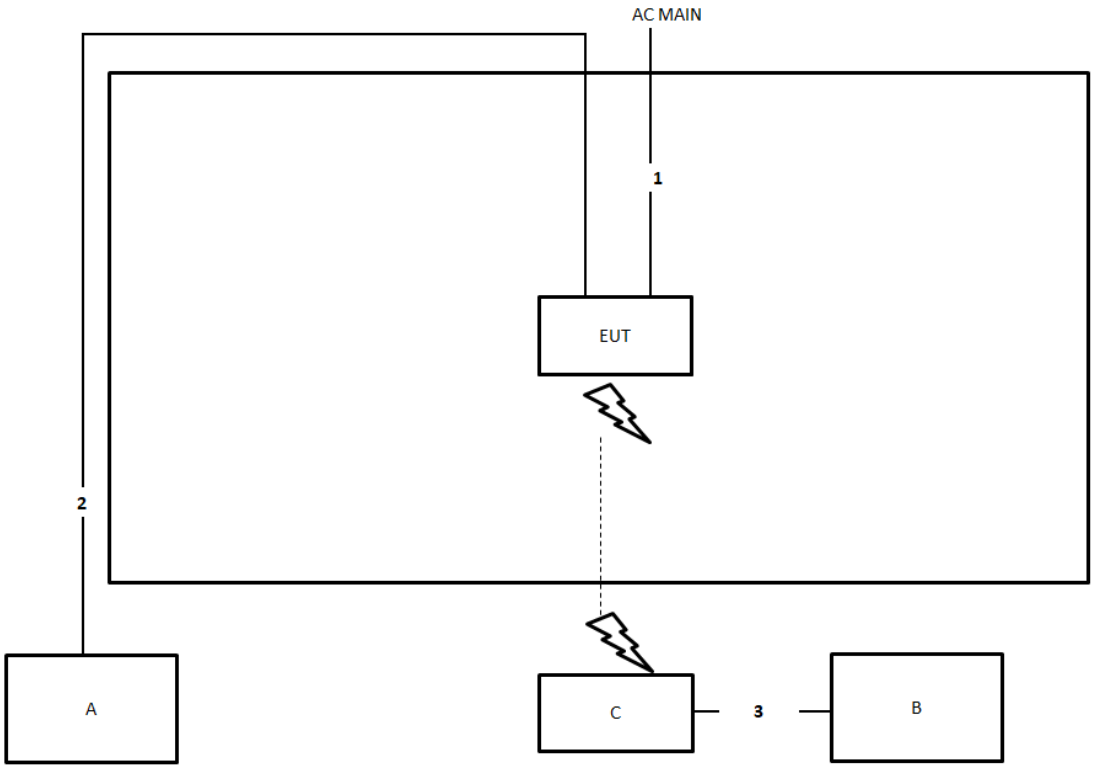
For non-beamforming mode:



Item	Connection	Shielded	Length
1	Power cable	No	3.3m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode:



Item	Connection	Shielded	Length
1	Power cable	No	3.3m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

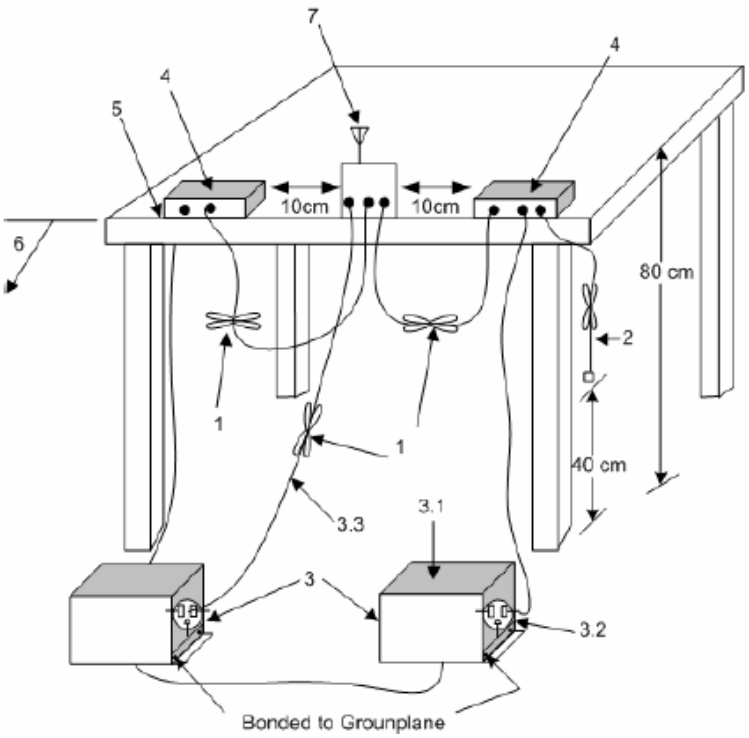
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

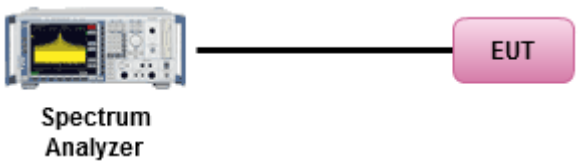
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



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

3.3.4 Test Setup

RF Output Power (Power Meter)


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

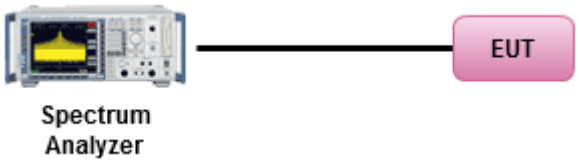
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of 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.

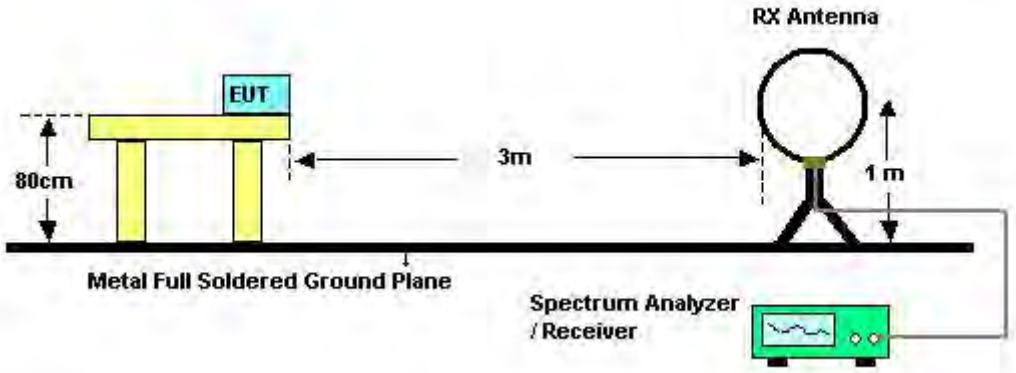
3.5.3 Test Procedures

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 ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.	
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.			

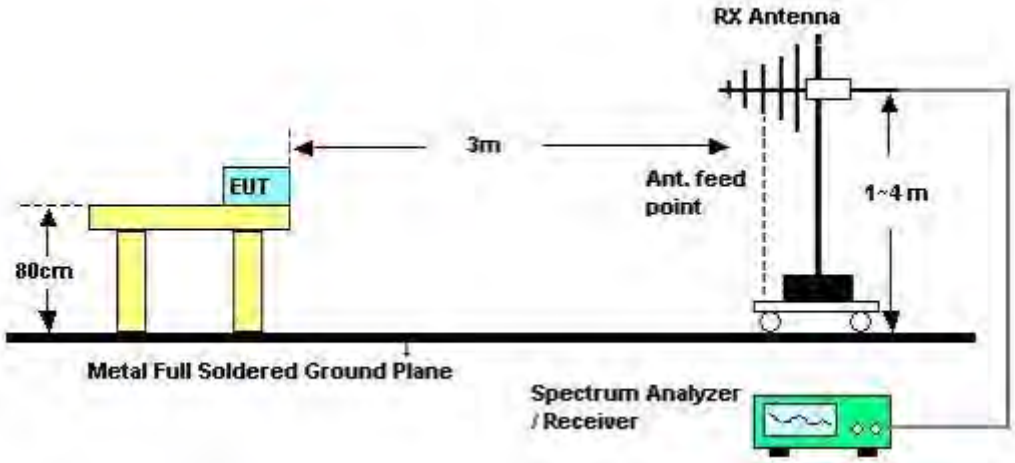
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

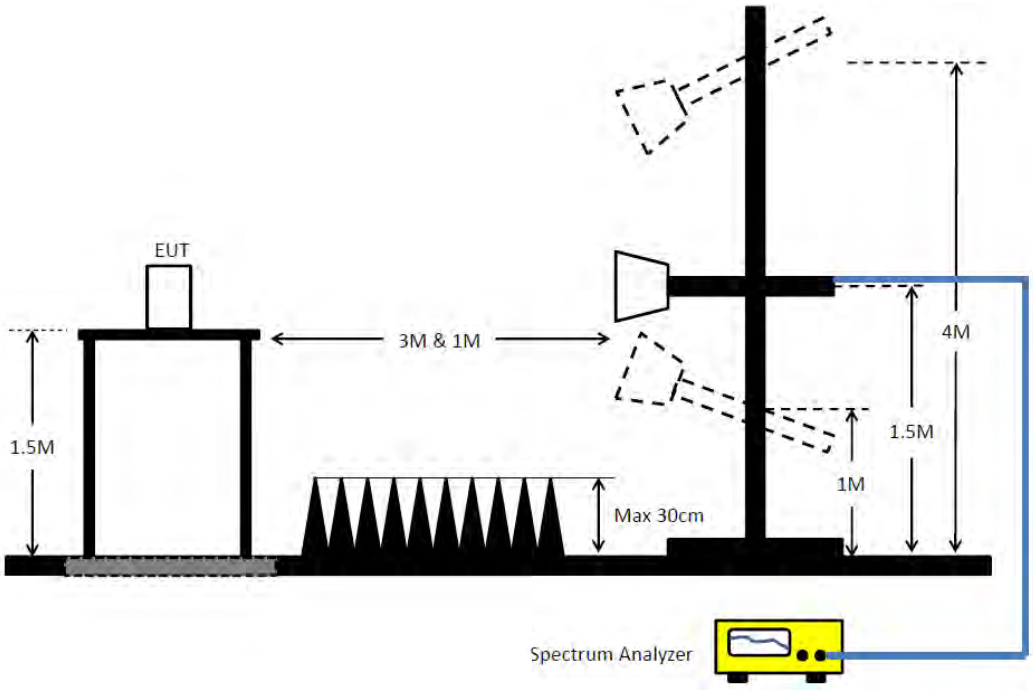
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = 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 10 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

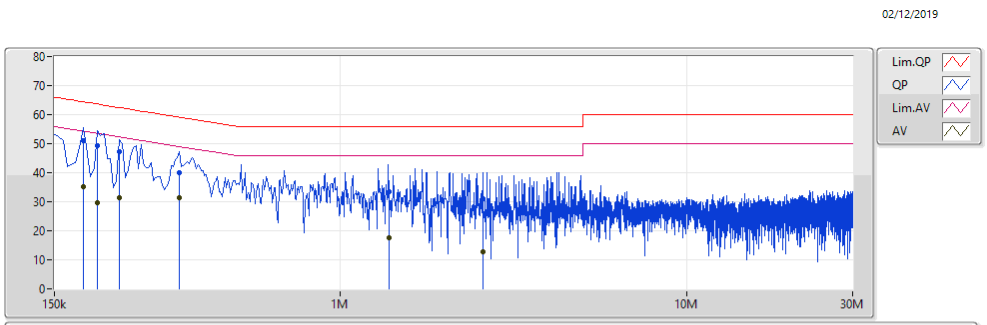
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 28, 2019	Jan. 29, 2020	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 24, 2018	Dec. 23, 2019	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Jan. 11, 2019	Jan. 10, 2020	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESE & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 17, 2019	Jul. 16, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 08, 2019	May 07, 2020	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	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	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
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. 19, 2018	Nov. 18, 2019	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	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH01-CB)

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

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

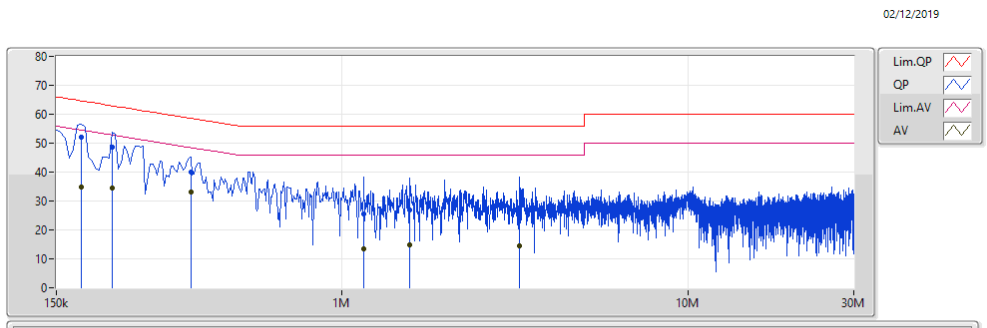
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	181.5k	50.87	64.41	-13.54	9.91	Line	"Worst"	40.96	0.06	0.06	9.79
AV	181.5k	35.05	54.41	-19.36	9.91	Line	-	25.14	0.06	0.06	9.79
QP	199.5k	49.24	63.63	-14.39	9.91	Line	-	39.33	0.06	0.06	9.79
AV	199.5k	29.79	53.63	-23.84	9.91	Line	-	19.88	0.06	0.06	9.79
QP	231k	47.23	62.41	-15.18	9.91	Line	-	37.32	0.06	0.06	9.79
AV	231k	31.49	52.41	-20.92	9.91	Line	-	21.58	0.06	0.06	9.79
QP	343.5k	39.96	59.12	-19.16	9.93	Line	-	30.03	0.06	0.06	9.81
AV	343.5k	31.43	49.12	-17.69	9.93	Line	-	21.50	0.06	0.06	9.81
QP	1.379M	33.29	56.00	-22.71	10.00	Line	-	23.29	0.08	0.10	9.82
AV	1.379M	17.66	46.00	-28.34	10.00	Line	-	7.66	0.08	0.10	9.82
QP	2.58M	31.12	56.00	-24.88	10.06	Line	-	21.06	0.10	0.14	9.82
AV	2.58M	12.89	46.00	-33.11	10.06	Line	-	2.83	0.10	0.14	9.82

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	177k	51.91	64.62	-12.71	9.89	Neutral	"Worst"	42.02	0.04	0.06	9.79
AV	177k	34.97	54.62	-19.65	9.89	Neutral	-	25.08	0.04	0.06	9.79
QP	217.5k	48.57	62.92	-14.35	9.89	Neutral	-	38.68	0.04	0.06	9.79
AV	217.5k	34.53	52.92	-18.39	9.89	Neutral	-	24.64	0.04	0.06	9.79
QP	366k	40.15	58.60	-18.45	9.91	Neutral	-	30.24	0.04	0.06	9.81
AV	366k	32.94	48.60	-15.66	9.91	Neutral	-	23.03	0.04	0.06	9.81
QP	1.158M	25.49	56.00	-30.51	9.98	Neutral	-	15.51	0.06	0.10	9.82
AV	1.158M	13.42	46.00	-32.58	9.98	Neutral	-	3.44	0.06	0.10	9.82
QP	1.572M	26.96	56.00	-29.04	10.01	Neutral	-	16.95	0.07	0.11	9.83
AV	1.572M	15.00	46.00	-31.00	10.01	Neutral	-	4.99	0.07	0.11	9.83
QP	3.255M	25.72	56.00	-30.28	10.07	Neutral	-	15.65	0.09	0.16	9.82
AV	3.255M	14.37	46.00	-31.63	10.07	Neutral	-	4.30	0.09	0.16	9.82

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

For non-beamforming mode:

<DBS mode>

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)_8TX	19.225M	16.417M	16M4D1D	18.55M	16.342M
802.11ax HEW20_Nss1,(MCS0)_8TX	21.6M	18.916M	18M9D1D	20.925M	18.841M
802.11ax HEW40_Nss1,(MCS0)_8TX	41.1M	37.781M	37M8D1D	40.4M	37.581M
802.11ax HEW80_Nss1,(MCS0)_8TX	82.4M	77.261M	77M3D1D	81.8M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	16.325M	17.041M	17M0D1D	12.525M	16.142M
802.11ax HEW20_Nss1,(MCS0)_8TX	18.925M	19.09M	19M1D1D	14.6M	18.741M
802.11ax HEW40_Nss1,(MCS0)_8TX	38.2M	67.916M	67M9D1D	35.1M	37.781M
802.11ax HEW80_Nss1,(MCS0)_8TX	77.8M	77.561M	77M6D1D	59.8M	76.462M

Max-N dB = Maximum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Min-OBW** = Minimum 99% occupied bandwidth;

Result

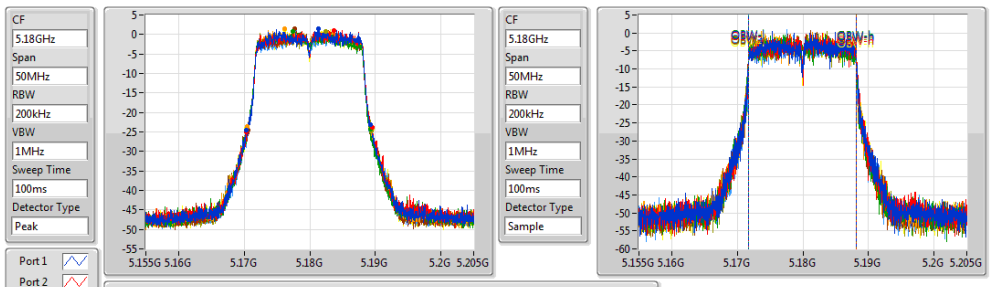
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	18.975M	16.392M	19.175M	16.392M	19M	16.342M	18.875M	16.342M	18.675M	16.367M	19.025M	16.417M	18.7M	16.342M	19.225M	16.417M
5200MHz	Pass	Inf	19.175M	16.367M	19.175M	16.392M	19.025M	16.342M	18.95M	16.342M	18.775M	16.367M	18.8M	16.367M	19M	16.392M	19.15M	16.417M
5240MHz	Pass	Inf	18.925M	16.392M	19.1M	16.417M	19.1M	16.367M	18.9M	16.367M	18.55M	16.392M	19.05M	16.392M	18.9M	16.392M	19.2M	16.417M
5745MHz	Pass	500k	15.9M	16.542M	16.325M	16.892M	15.325M	16.417M	16.325M	16.567M	12.525M	16.217M	15.725M	16.492M	16.075M	16.417M	16.275M	16.442M
5785MHz	Pass	500k	14.15M	16.142M	15.475M	17.041M	15.075M	16.367M	14.375M	16.367M	13.775M	16.292M	15.575M	16.392M	14.425M	16.342M	15.675M	16.392M
5825MHz	Pass	500k	14.125M	16.317M	15.3M	16.542M	14.4M	16.317M	13.825M	16.342M	15M	16.292M	16.025M	16.392M	15.925M	16.392M	15.625M	16.442M
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.1M	18.866M	21.15M	18.866M	21.2M	18.891M	21.425M	18.891M	21.25M	18.841M	21.225M	18.866M	21.075M	18.916M	21.45M	18.891M
5200MHz	Pass	Inf	21.025M	18.891M	21.2M	18.916M	20.95M	18.891M	21.6M	18.916M	21.05M	18.916M	20.925M	18.891M	21.05M	18.866M	21.3M	18.866M
5240MHz	Pass	Inf	21.125M	18.916M	21.075M	18.866M	21.425M	18.916M	21.1M	18.891M	21.1M	18.866M	21.15M	18.866M	21.275M	18.891M	21.05M	18.916M
5745MHz	Pass	500k	15.3M	18.741M	18.825M	19.015M	16.8M	18.741M	16.35M	18.891M	16.15M	18.741M	15.3M	18.891M	18.575M	18.966M	18.925M	18.991M
5785MHz	Pass	500k	18.925M	19.065M	18.625M	18.941M	18.85M	19.065M	17.45M	18.791M	17.275M	18.766M	15.85M	18.916M	17.525M	18.791M	18.725M	18.941M
5825MHz	Pass	500k	15.6M	19.015M	18.875M	19.09M	15.075M	18.891M	17.75M	18.816M	18.4M	18.766M	14.6M	18.941M	16.55M	18.766M	18.375M	18.891M
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.85M	37.681M	40.95M	37.731M	40.7M	37.581M	41.05M	37.731M	40.65M	37.731M	40.65M	37.781M	40.5M	37.631M	40.95M	37.681M
5230MHz	Pass	Inf	41.1M	37.731M	40.7M	37.681M	40.4M	37.781M	40.6M	37.781M	40.85M	37.681M	40.75M	37.781M	41.1M	37.731M	40.9M	37.681M
5755MHz	Pass	500k	36.45M	38.181M	38M	54.273M	37.35M	38.231M	37.85M	39.68M	37.85M	38.231M	38.2M	38.481M	35.1M	37.781M	36.65M	37.931M
5795MHz	Pass	500k	35.35M	45.027M	36.8M	67.916M	36.3M	38.781M	37.8M	53.223M	37.95M	38.681M	37.85M	38.881M	35.95M	37.931M	37.2M	38.081M
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	76.962M	82.2M	77.161M	81.8M	76.962M	82.1M	76.962M	81.8M	76.762M	82.1M	76.762M	82.4M	77.261M	82.4M	77.261M
5775MHz	Pass	500k	75.1M	76.862M	59.8M	77.561M	76.9M	76.862M	71.5M	77.161M	77.8M	77.161M	75.8M	77.461M	71.6M	76.462M	75.3M	77.161M

Port X-N dB = Port **X** 6dB down bandwidth for UNII-3 band / 26dB down bandwidth for other band; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_8TX **EBW**

5180MHz

23/10/2019

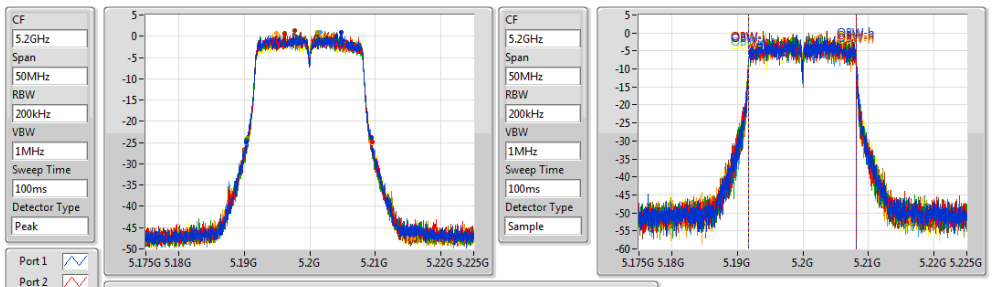


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.170325G	5.1893G	16.392M	5.171779G	5.188171G	Inf	1
19.175M	5.170325G	5.1895G	16.392M	5.171779G	5.188171G	Inf	2
19M	5.1703G	5.1893G	16.342M	5.171779G	5.188121G	Inf	3
18.875M	5.1704G	5.189275G	16.342M	5.171779G	5.188121G	Inf	4
18.675M	5.170575G	5.18925G	16.367M	5.171754G	5.188121G	Inf	5
19.025M	5.17035G	5.189375G	16.417M	5.171729G	5.188146G	Inf	6
18.7M	5.17055G	5.18925G	16.342M	5.171779G	5.188121G	Inf	7
19.225M	5.17035G	5.189575G	16.417M	5.171754G	5.188171G	Inf	8

802.11a_Nss1,(6Mbps)_8TX **EBW**

5200MHz

23/10/2019

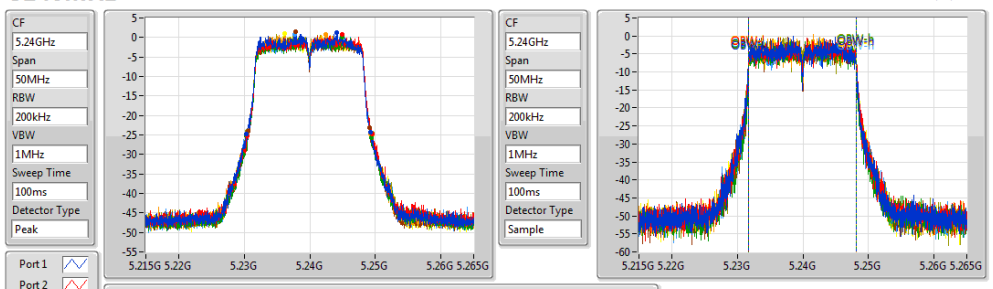


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.175M	5.190275G	5.20945G	16.367M	5.191754G	5.208121G	Inf	1
19.175M	5.1903G	5.209475G	16.392M	5.191754G	5.208146G	Inf	2
19.025M	5.19035G	5.209375G	16.342M	5.191754G	5.208096G	Inf	3
18.95M	5.19035G	5.2093G	16.342M	5.191779G	5.208121G	Inf	4
18.775M	5.190475G	5.20925G	16.367M	5.191754G	5.208121G	Inf	5
18.8M	5.19045G	5.20925G	16.367M	5.191754G	5.208121G	Inf	6
19M	5.19035G	5.20935G	16.392M	5.191754G	5.208146G	Inf	7
19.15M	5.19035G	5.2095G	16.417M	5.191754G	5.208171G	Inf	8

802.11a_Nss1,(6Mbps)_8TX **EBW**

5240MHz

23/10/2019

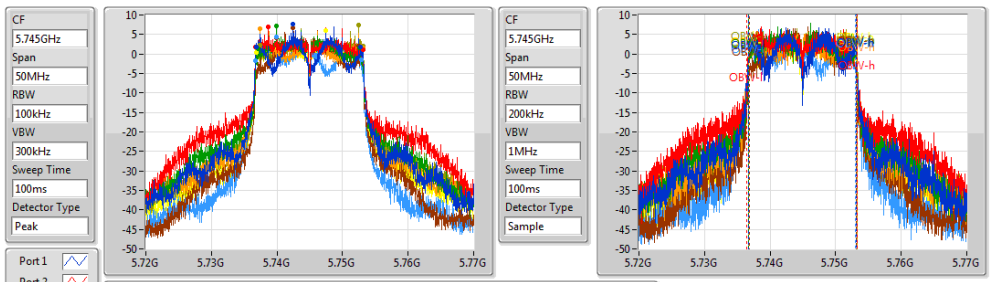


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	5.2303G	5.249225G	16.392M	5.231729G	5.248121G	Inf	1
19.1M	5.230475G	5.249575G	16.417M	5.231754G	5.248171G	Inf	2
19.1M	5.2303G	5.2494G	16.367M	5.231779G	5.248146G	Inf	3
18.9M	5.2304G	5.2493G	16.367M	5.231779G	5.248146G	Inf	4
18.55M	5.2306G	5.24915G	16.392M	5.231754G	5.248146G	Inf	5
19.05M	5.230475G	5.249525G	16.392M	5.231754G	5.248146G	Inf	6
18.9M	5.230475G	5.249375G	16.392M	5.231754G	5.248146G	Inf	7
19.2M	5.23035G	5.24955G	16.417M	5.231754G	5.248171G	Inf	8

802.11a_Nss1,(6Mbps)_8TX **EBW**

5745MHz

23/10/2019

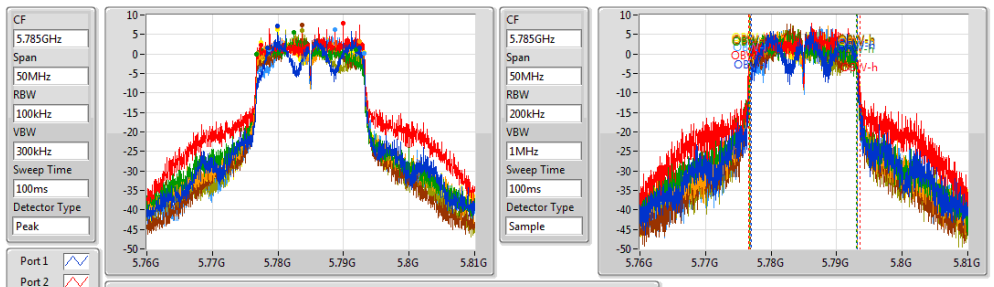


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	5.7368G	5.7527G	16.542M	5.736654G	5.753196G	500k	1
16.325M	5.736775G	5.7531G	16.892M	5.736429G	5.753321G	500k	2
15.325M	5.7372G	5.752525G	16.417M	5.736729G	5.753146G	500k	3
16.325M	5.7368G	5.753125G	16.567M	5.736654G	5.753221G	500k	4
12.525M	5.739975G	5.7525G	16.217M	5.736904G	5.753121G	500k	5
15.725M	5.7374G	5.753125G	16.492M	5.736754G	5.753246G	500k	6
16.075M	5.73675G	5.752825G	16.417M	5.736654G	5.753071G	500k	7
16.275M	5.736825G	5.7531G	16.442M	5.736729G	5.753171G	500k	8

802.11a_Nss1,(6Mbps)_8TX **EBW**

5785MHz

23/10/2019

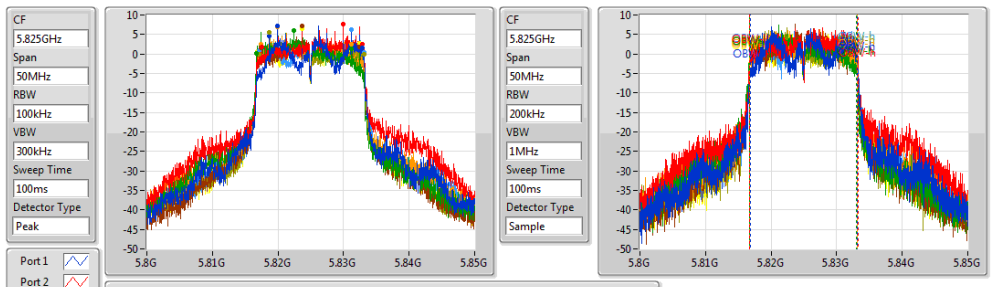


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.15M	5.778325G	5.792475G	16.142M	5.776979G	5.793121G	500k	1
15.475M	5.7774G	5.792875G	17.041M	5.776579G	5.793621G	500k	2
15.075M	5.776775G	5.79185G	16.367M	5.776654G	5.793021G	500k	3
14.375M	5.778075G	5.79245G	16.367M	5.776754G	5.793121G	500k	4
13.775M	5.77865G	5.792425G	16.292M	5.776804G	5.793096G	500k	5
15.575M	5.776825G	5.7924G	16.392M	5.776754G	5.793146G	500k	6
14.425M	5.778675G	5.7931G	16.342M	5.776829G	5.793171G	500k	7
15.675M	5.77745G	5.793125G	16.392M	5.776779G	5.793171G	500k	8

802.11a_Nss1,(6Mbps)_8TX **EBW**

5825MHz

23/10/2019

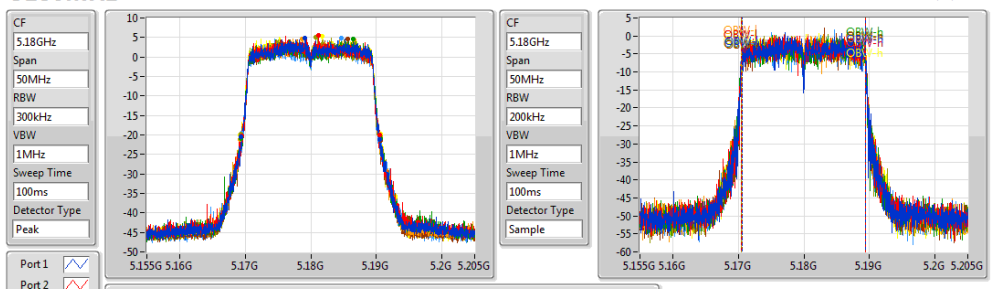


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.125M	5.818675G	5.8328G	16.317M	5.816879G	5.833196G	500k	1
15.3M	5.817525G	5.832825G	16.542M	5.816754G	5.833296G	500k	2
14.4M	5.816775G	5.831175G	16.317M	5.816654G	5.832971G	500k	3
13.825M	5.8174G	5.831225G	16.342M	5.816754G	5.833096G	500k	4
15M	5.817425G	5.832425G	16.292M	5.816779G	5.833071G	500k	5
16.025M	5.817075G	5.8331G	16.392M	5.816754G	5.833146G	500k	6
15.925M	5.8172G	5.833125G	16.392M	5.816779G	5.833171G	500k	7
15.625M	5.8168G	5.832425G	16.442M	5.816704G	5.833146G	500k	8

802.11ax HEW20_Nss1,(MCS0)_8TX **EBW**

5180MHz

23/10/2019

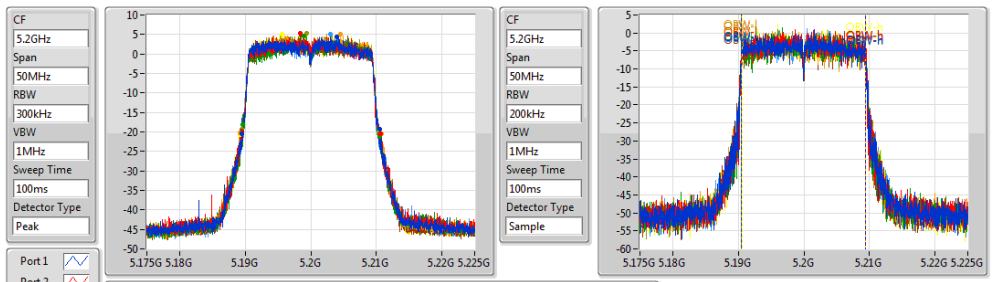


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.1M	5.1694G	5.1905G	18.866M	5.17053G	5.189395G	Inf	1
21.15M	5.169425G	5.190575G	18.866M	5.170505G	5.18937G	Inf	2
21.2M	5.1694G	5.1906G	18.891M	5.170505G	5.189395G	Inf	3
21.425M	5.169275G	5.1907G	18.891M	5.170505G	5.189395G	Inf	4
21.25M	5.16945G	5.1907G	18.841M	5.17053G	5.18937G	Inf	5
21.225M	5.169375G	5.1906G	18.866M	5.170505G	5.18937G	Inf	6
21.075M	5.1695G	5.190575G	18.916M	5.17048G	5.189395G	Inf	7
21.45M	5.16915G	5.1906G	18.891M	5.170505G	5.189395G	Inf	8

802.11ax HEW20_Nss1,(MCS0)_8TX **EBW**

5200MHz

23/10/2019

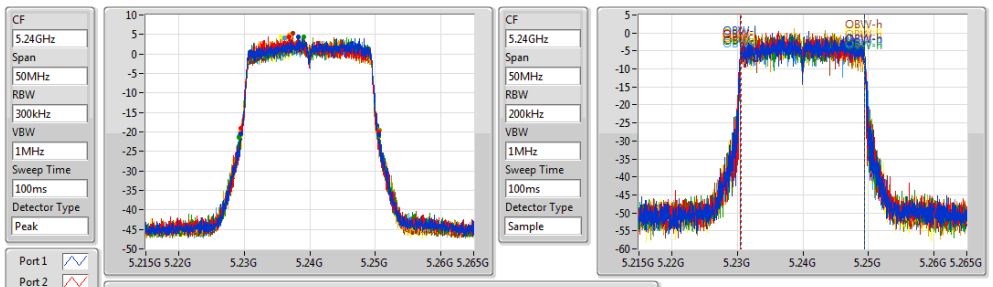


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.025M	5.1895G	5.210525G	18.891M	5.190505G	5.209395G	Inf	1
21.2M	5.1895G	5.2107G	18.916M	5.19048G	5.209395G	Inf	2
20.95M	5.189575G	5.210525G	18.891M	5.190505G	5.209395G	Inf	3
21.6M	5.189225G	5.210825G	18.916M	5.190505G	5.20942G	Inf	4
21.05M	5.189475G	5.210525G	18.916M	5.190505G	5.20942G	Inf	5
20.925M	5.18945G	5.210375G	18.891M	5.190505G	5.209395G	Inf	6
21.05M	5.1895G	5.21055G	18.866M	5.190505G	5.20937G	Inf	7
21.3M	5.189175G	5.210475G	18.866M	5.19053G	5.209395G	Inf	8

802.11ax HEW20_Nss1,(MCS0)_8TX — EBW

5240MHz

23/10/2019

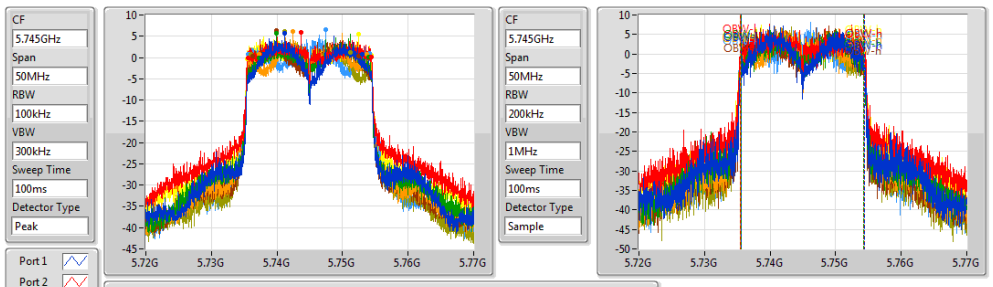


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.125M	5.229425G	5.25055G	18.916M	5.230505G	5.24942G	Inf	1
21.075M	5.229425G	5.2505G	18.866M	5.230505G	5.24937G	Inf	2
21.425M	5.22915G	5.250575G	18.916M	5.230505G	5.24942G	Inf	3
21.1M	5.2294G	5.2505G	18.891M	5.230505G	5.249395G	Inf	4
21.1M	5.22945G	5.25055G	18.866M	5.23053G	5.249395G	Inf	5
21.15M	5.22945G	5.2506G	18.866M	5.230505G	5.24937G	Inf	6
21.275M	5.229275G	5.25055G	18.891M	5.230505G	5.249395G	Inf	7
21.05M	5.229475G	5.250525G	18.916M	5.23048G	5.249395G	Inf	8

802.11ax HEW20_Nss1,(MCS0)_8TX — EBW

5745MHz

23/10/2019

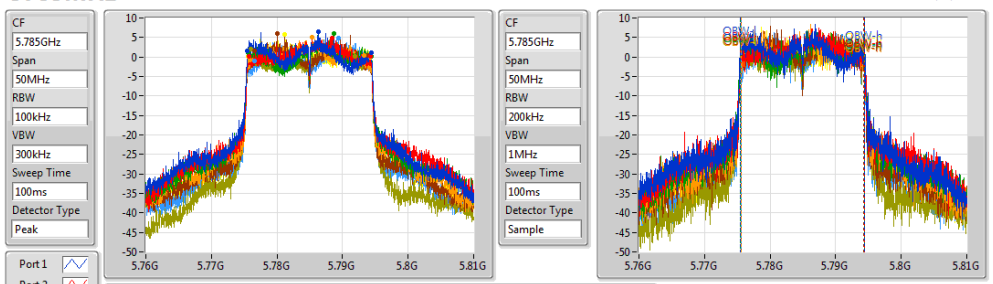


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.3M	5.737675G	5.752975G	18.741M	5.735605G	5.754345G	500k	1
18.825M	5.73555G	5.754375G	19.015M	5.735455G	5.75447G	500k	2
16.8M	5.737225G	5.754025G	18.741M	5.73558G	5.75432G	500k	3
16.35M	5.7373G	5.75365G	18.891M	5.735505G	5.754395G	500k	4
16.15M	5.73635G	5.7525G	18.741M	5.73553G	5.75427G	500k	5
15.3M	5.73595G	5.75125G	18.891M	5.73548G	5.75437G	500k	6
18.575M	5.7356G	5.754175G	18.966M	5.735455G	5.75442G	500k	7
18.925M	5.73545G	5.754375G	18.991M	5.735455G	5.754445G	500k	8

802.11ax HEW20_Nss1,(MCS0)_8TX — EBW

5785MHz

23/10/2019

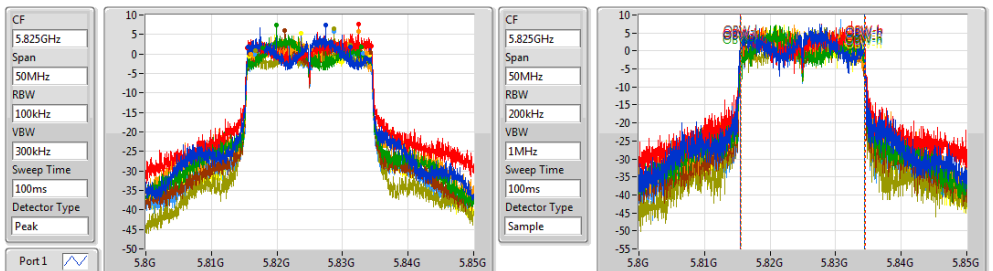


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	5.775475G	5.7944G	19.065M	5.775405G	5.79447G	500k	1
18.625M	5.7757G	5.794325G	18.941M	5.77548G	5.79442G	500k	2
18.85M	5.77555G	5.7944G	19.065M	5.775405G	5.79447G	500k	3
17.45M	5.775875G	5.793325G	18.791M	5.775555G	5.794345G	500k	4
17.275M	5.77655G	5.793825G	18.766M	5.775555G	5.79432G	500k	5
15.85M	5.776G	5.79185G	18.916M	5.77548G	5.794395G	500k	6
17.525M	5.7766G	5.794125G	18.791M	5.775555G	5.794345G	500k	7
18.725M	5.77555G	5.794275G	18.941M	5.77548G	5.79442G	500k	8

802.11ax HEW20_Nss1,(MCS0)_8TX — EBW

5825MHz

23/10/2019

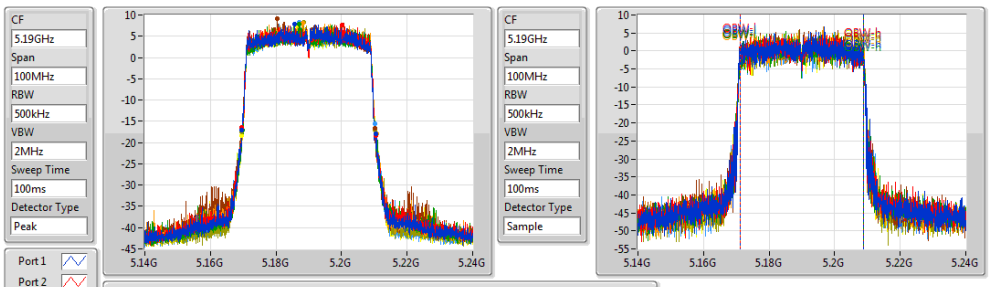


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.6M	5.815625G	5.831225G	19.015M	5.815405G	5.83442G	500k	1
18.875M	5.8155G	5.834375G	19.09M	5.815405G	5.834495G	500k	2
15.075M	5.81785G	5.832925G	18.891M	5.815505G	5.834395G	500k	3
17.75M	5.816G	5.83375G	18.816M	5.81553G	5.834345G	500k	4
18.4M	5.815925G	5.834325G	18.766M	5.81558G	5.834345G	500k	5
14.6M	5.81665G	5.83125G	18.941M	5.815455G	5.834395G	500k	6
16.55M	5.81655G	5.8331G	18.766M	5.81558G	5.834345G	500k	7
18.375M	5.815725G	5.8341G	18.891M	5.815505G	5.834395G	500k	8

802.11ax HEW40_Nss1,(MCS0)_8TX — EBW

5190MHz

23/10/2019

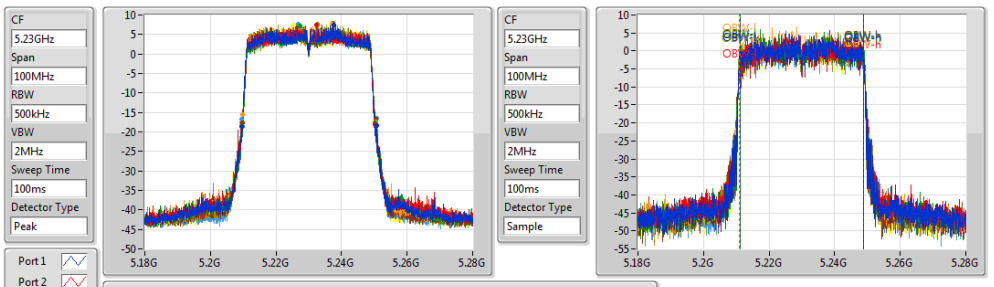


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.85M	5.1695G	5.21035G	37.681M	5.171059G	5.208741G	Inf	1
40.95M	5.16945G	5.2104G	37.731M	5.171059G	5.208791G	Inf	2
40.7M	5.1697G	5.2104G	37.581M	5.171159G	5.208741G	Inf	3
41.05M	5.1696G	5.21065G	37.731M	5.171109G	5.208841G	Inf	4
40.65M	5.1696G	5.21025G	37.731M	5.171059G	5.208791G	Inf	5
40.65M	5.16965G	5.2103G	37.781M	5.171109G	5.208891G	Inf	6
40.5M	5.16965G	5.21015G	37.631M	5.171159G	5.208791G	Inf	7
40.95M	5.1696G	5.21055G	37.681M	5.171109G	5.208791G	Inf	8

802.11ax HEW40_Nss1,(MCS0)_8TX — EBW

5230MHz

23/10/2019

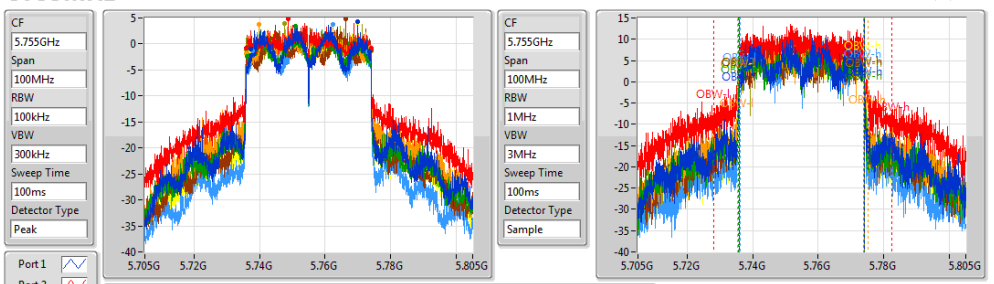


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.20955G	5.25065G	37.731M	5.211059G	5.248791G	Inf	1
40.7M	5.2096G	5.2503G	37.681M	5.211059G	5.248741G	Inf	2
40.4M	5.20975G	5.25015G	37.781M	5.211059G	5.248841G	Inf	3
40.6M	5.20975G	5.25035G	37.781M	5.211059G	5.248841G	Inf	4
40.85M	5.2097G	5.25055G	37.681M	5.211109G	5.248791G	Inf	5
40.75M	5.20945G	5.2502G	37.781M	5.211009G	5.248791G	Inf	6
41.1M	5.20965G	5.25075G	37.731M	5.211109G	5.248841G	Inf	7
40.9M	5.2095G	5.2504G	37.681M	5.211159G	5.248841G	Inf	8

802.11ax HEW40_Nss1,(MCS0)_8TX — EBW

5755MHz

23/10/2019

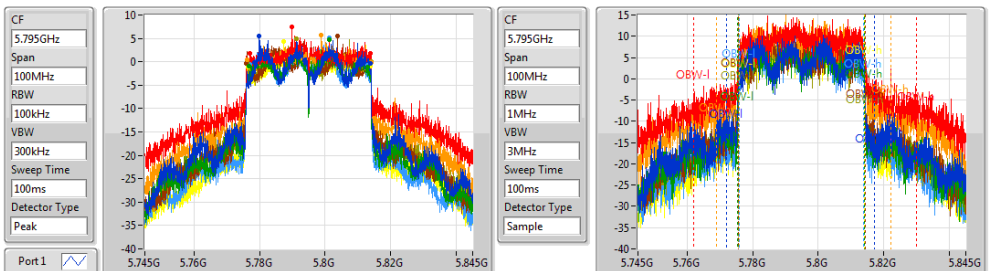


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.45M	5.7372G	5.77365G	38.181M	5.73586G	5.77404G	500k	1
38M	5.736G	5.774G	54.273M	5.728063G	5.782336G	500k	2
37.35M	5.73625G	5.7736G	38.231M	5.73576G	5.773991G	500k	3
37.85M	5.73595G	5.7738G	39.68M	5.73546G	5.77514G	500k	4
37.85M	5.7361G	5.77395G	38.231M	5.73586G	5.77409G	500k	5
38.2M	5.7358G	5.774G	38.481M	5.73571G	5.77419G	500k	6
35.1M	5.73795G	5.77305G	37.781M	5.736059G	5.773841G	500k	7
36.65M	5.7372G	5.77385G	37.931M	5.736009G	5.773941G	500k	8

802.11ax HEW40_Nss1,(MCS0)_8TX — EBW

5795MHz

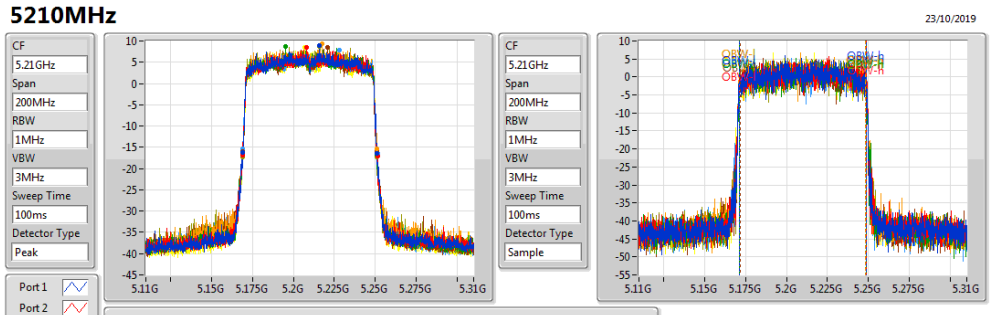
23/10/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.7785G	5.81385G	45.027M	5.772011G	5.817039G	500k	1
36.8M	5.777G	5.8138G	67.916M	5.761967G	5.829883G	500k	2
36.3M	5.7768G	5.8131G	38.781M	5.77541G	5.81419G	500k	3
37.8M	5.77615G	5.81395G	53.223M	5.768913G	5.822136G	500k	4
37.95M	5.776G	5.81395G	38.681M	5.77571G	5.81439G	500k	5
37.85M	5.7761G	5.81395G	38.881M	5.77561G	5.81449G	500k	6
35.95M	5.77705G	5.813G	37.931M	5.77596G	5.813891G	500k	7
37.2M	5.7766G	5.8138G	38.081M	5.776009G	5.81409G	500k	8

802.11ax HEW80_Nss1,(MCS0)_8TX **EBW**

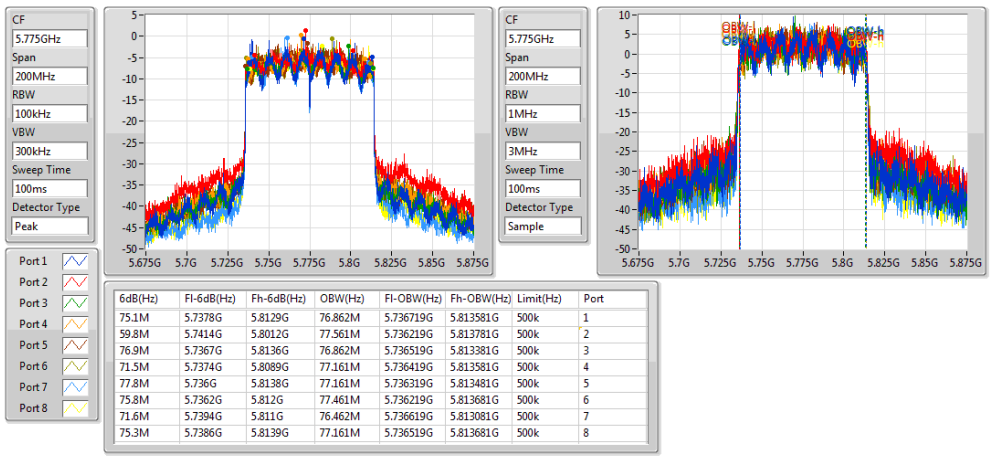
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.1688G	5.251G	76.962M	5.171519G	5.248481G	Inf	1
82.2M	5.1691G	5.2513G	77.161M	5.171319G	5.248481G	Inf	2
81.8M	5.169G	5.2508G	76.962M	5.171519G	5.248481G	Inf	3
82.1M	5.1689G	5.251G	76.962M	5.171419G	5.248381G	Inf	4
81.8M	5.1691G	5.2509G	76.762M	5.171719G	5.248481G	Inf	5
82.1M	5.1689G	5.251G	76.762M	5.171419G	5.248181G	Inf	6
82.4M	5.169G	5.2514G	77.261M	5.171319G	5.248581G	Inf	7
82.4M	5.1688G	5.2512G	77.261M	5.171219G	5.248481G	Inf	8

802.11ax HEW80_Nss1,(MCS0)_8TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.1M	5.7378G	5.8129G	76.862M	5.736719G	5.813581G	500k	1
59.8M	5.7414G	5.8012G	77.561M	5.736219G	5.813781G	500k	2
76.9M	5.7367G	5.8136G	76.862M	5.736519G	5.813381G	500k	3
71.5M	5.7374G	5.8089G	77.161M	5.736419G	5.813581G	500k	4
77.8M	5.736G	5.8138G	77.161M	5.736319G	5.813481G	500k	5
75.8M	5.7362G	5.812G	77.461M	5.736219G	5.813681G	500k	6
71.6M	5.7394G	5.811G	76.462M	5.736619G	5.813081G	500k	7
75.3M	5.7386G	5.8139G	77.161M	5.736519G	5.813681G	500k	8

<SBS mode>
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.28M	16.492M	16M5D1D	19.47M	16.372M
802.11ax HEW20_Nss1,(MCS0)_4TX	25.23M	18.981M	19M0D1D	21.09M	18.861M
802.11ax HEW40_Nss1,(MCS0)_4TX	68.16M	38.141M	38M1D1D	40.68M	37.661M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.56M	77.121M	77M1D1D	81.6M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	34.573M	34M6D1D	15.09M	28.606M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.08M	36.912M	36M9D1D	15.42M	33.103M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.16M	71.784M	71M8D1D	35.4M	38.561M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.52M	77.361M	77M4D1D	75.84M	77.001M

Max-N dB = Maximum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Min-OBW** = Minimum 99% occupied bandwidth;

Result

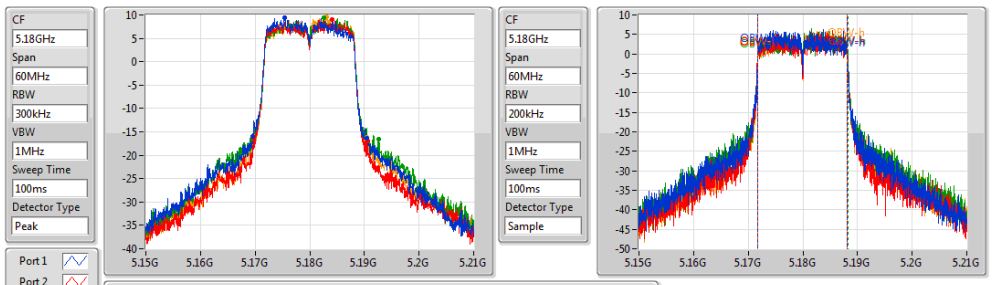
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.94M	16.432M	20.76M	16.432M	23.28M	16.492M	20.73M	16.402M
5200MHz	Pass	Inf	21.09M	16.402M	20.67M	16.462M	22.02M	16.402M	20.58M	16.402M
5240MHz	Pass	Inf	19.74M	16.402M	19.47M	16.372M	22.26M	16.432M	20.79M	16.402M
5745MHz	Pass	500k	15.69M	31.904M	15.09M	32.834M	15.09M	28.606M	16.29M	31.604M
5785MHz	Pass	500k	15.36M	32.354M	15.39M	32.864M	16.32M	30.525M	15.63M	32.594M
5825MHz	Pass	500k	15.69M	32.084M	16.35M	33.583M	15.99M	34.423M	16.32M	34.573M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.32M	18.921M	21.09M	18.861M	24.99M	18.981M	21.18M	18.951M
5200MHz	Pass	Inf	23.28M	18.921M	23.01M	18.951M	22.65M	18.891M	22.23M	18.951M
5240MHz	Pass	Inf	22.35M	18.921M	22.53M	18.921M	25.23M	18.981M	23.28M	18.981M
5745MHz	Pass	500k	15.42M	34.153M	17.73M	34.423M	18.87M	34.273M	18.99M	33.103M
5785MHz	Pass	500k	18.21M	35.532M	19.08M	36.612M	17.85M	33.493M	17.85M	34.423M
5825MHz	Pass	500k	18.54M	35.082M	18.63M	36.912M	18.45M	35.412M	19.02M	35.862M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.86M	37.721M	41.34M	37.901M	41.04M	37.721M	40.68M	37.661M
5230MHz	Pass	Inf	63.36M	37.901M	62.46M	37.841M	68.16M	38.141M	64.86M	37.961M
5755MHz	Pass	500k	37.62M	46.957M	37.44M	53.553M	35.4M	38.561M	36.42M	47.796M
5795MHz	Pass	500k	36.12M	67.046M	38.16M	71.784M	35.94M	53.613M	37.68M	68.846M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.44M	77.121M	82.56M	77.121M	81.96M	76.882M	81.6M	77.121M
5775MHz	Pass	500k	77.16M	77.001M	77.52M	77.361M	75.84M	77.001M	76.92M	77.001M

Port X-N dB = Port **X** 6dB down bandwidth for UNII-3 band / 26dB down bandwidth for other band; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX — EBW

5180MHz

31/10/2019

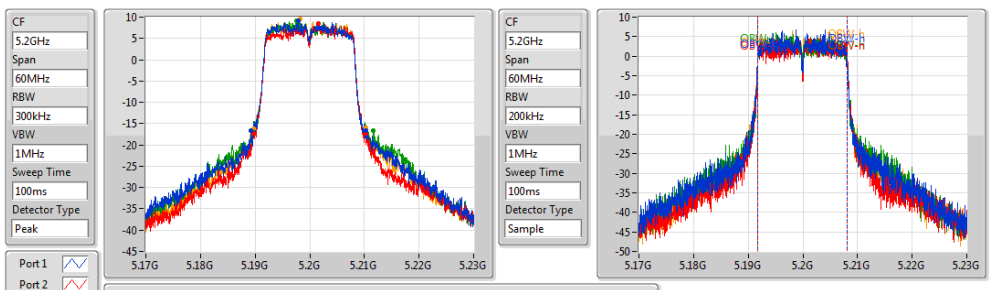


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.94M	5.16953G	5.19047G	16.432M	5.171754G	5.188186G	Inf	1
20.76M	5.16977G	5.19053G	16.432M	5.171754G	5.188186G	Inf	2
23.28M	5.16941G	5.19269G	16.492M	5.171754G	5.188246G	Inf	3
20.73M	5.16965G	5.19038G	16.402M	5.171784G	5.188186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX — EBW

5200MHz

23/10/2019

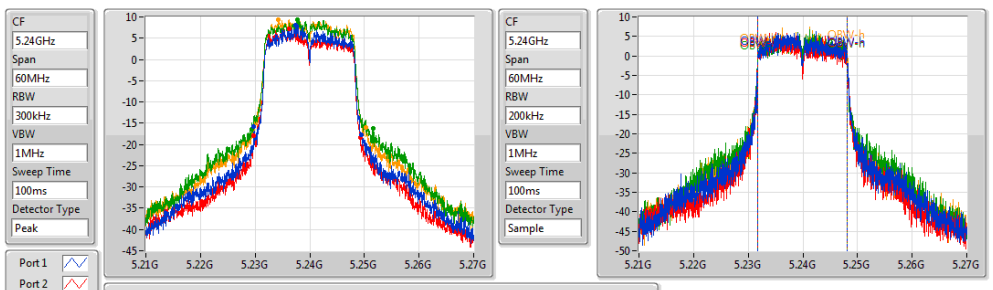


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.09M	5.18923G	5.21032G	16.402M	5.191724G	5.208126G	Inf	1
20.67M	5.18968G	5.21035G	16.462M	5.191724G	5.208186G	Inf	2
22.02M	5.18962G	5.21164G	16.402M	5.191754G	5.208156G	Inf	3
20.58M	5.18968G	5.21026G	16.402M	5.191724G	5.208126G	Inf	4

802.11a_Nss1,(6Mbps)_4TX — EBW

5240MHz

23/10/2019

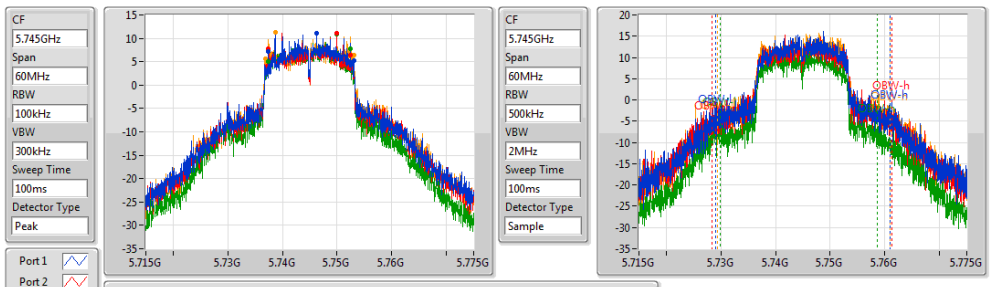


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.74M	5.22971G	5.24945G	16.402M	5.231754G	5.248156G	Inf	1
19.47M	5.22977G	5.24924G	16.372M	5.231754G	5.248126G	Inf	2
22.26M	5.22935G	5.25161G	16.432M	5.231724G	5.248156G	Inf	3
20.79M	5.22953G	5.25032G	16.402M	5.231754G	5.248156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX — EBW

5745MHz

23/10/2019

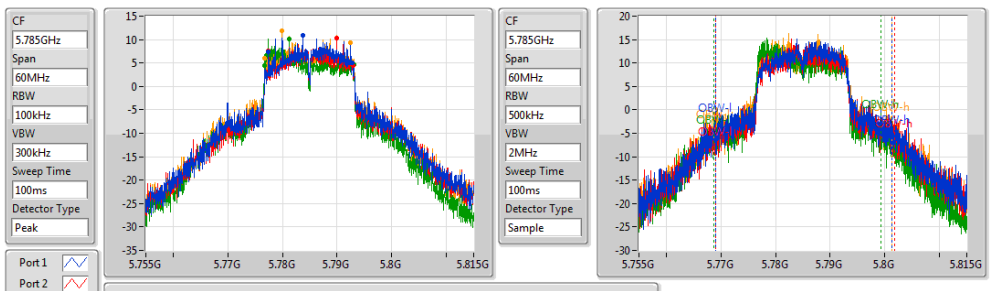


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.69M	5.73741G	5.7531G	31.904M	5.729108G	5.761012G	500k	1
15.09M	5.73741G	5.7525G	32.834M	5.728418G	5.761252G	500k	2
15.09M	5.73738G	5.75247G	28.606M	5.729948G	5.758553G	500k	3
16.29M	5.73684G	5.75313G	31.604M	5.729438G	5.761042G	500k	4

802.11a_Nss1,(6Mbps)_4TX — EBW

5785MHz

23/10/2019

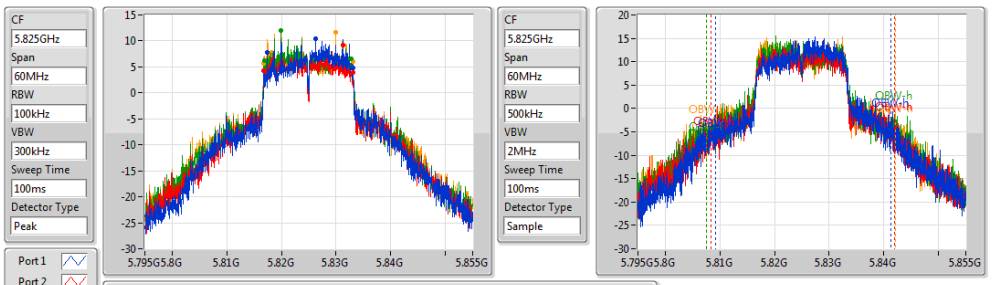


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.36M	5.77747G	5.79283G	32.354M	5.768958G	5.801312G	500k	1
15.39M	5.77747G	5.79286G	32.864M	5.768988G	5.801852G	500k	2
16.32M	5.77675G	5.79307G	30.525M	5.768778G	5.799303G	500k	3
15.63M	5.77681G	5.79244G	32.594M	5.768628G	5.801222G	500k	4

802.11a_Nss1,(6Mbps)_4TX — EBW

5825MHz

23/10/2019

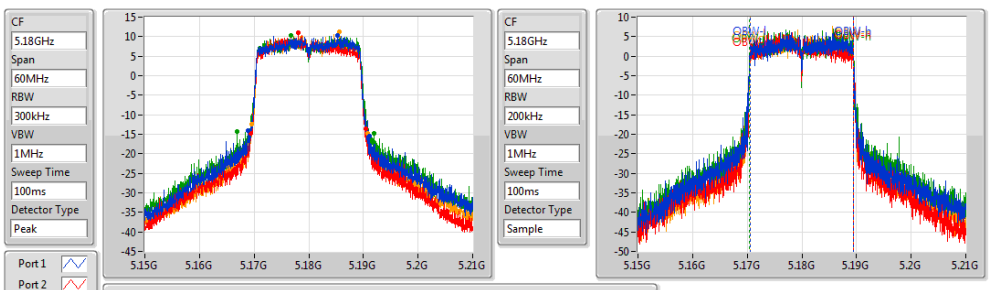


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.69M	5.81744G	5.83313G	32.084M	5.809138G	5.841222G	500k	1
16.35M	5.81678G	5.83313G	33.583M	5.808328G	5.841912G	500k	2
15.99M	5.81684G	5.83283G	34.423M	5.807579G	5.842001G	500k	3
16.32M	5.81678G	5.8331G	34.573M	5.807519G	5.842091G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX — EBW

5180MHz

23/10/2019

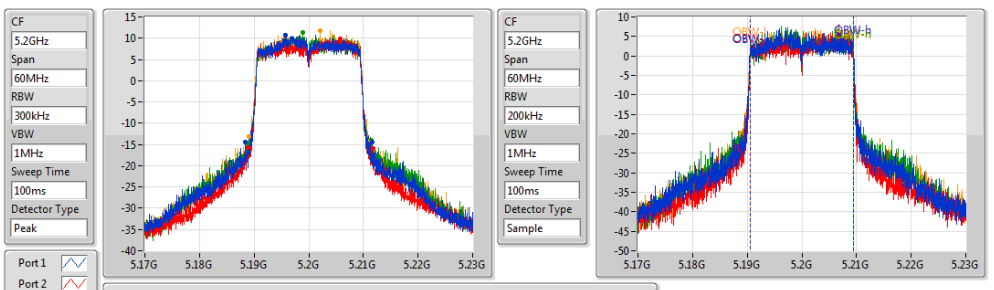


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.32M	5.16881G	5.19113G	18.921M	5.170495G	5.189415G	Inf	1
21.09M	5.16941G	5.1905G	18.861M	5.170525G	5.189385G	Inf	2
24.99M	5.16692G	5.19191G	18.981M	5.170465G	5.189445G	Inf	3
21.18M	5.16953G	5.19071G	18.951M	5.170495G	5.189445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX — EBW

5200MHz

23/10/2019

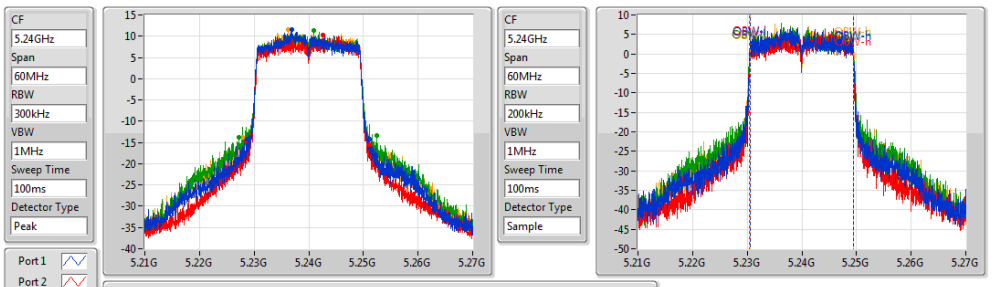


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.28M	5.18839G	5.21167G	18.921M	5.190525G	5.209445G	Inf	1
23.01M	5.18884G	5.21185G	18.951M	5.190495G	5.209445G	Inf	2
22.65M	5.18887G	5.21152G	18.891M	5.190555G	5.209445G	Inf	3
22.23M	5.18902G	5.21125G	18.951M	5.190495G	5.209445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX — EBW

5240MHz

23/10/2019

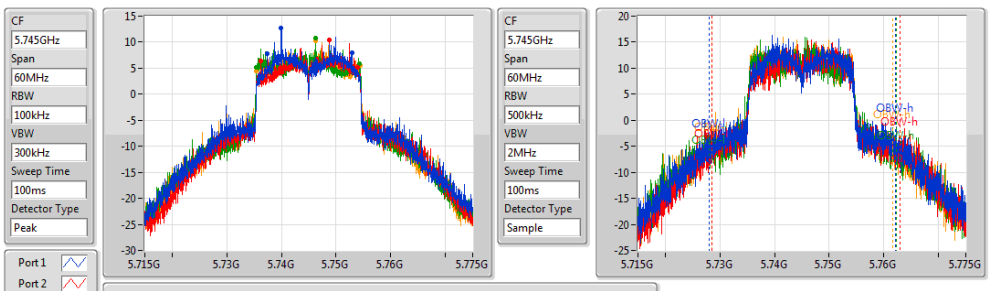


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.35M	5.22872G	5.25107G	18.921M	5.230495G	5.249415G	Inf	1
22.53M	5.22863G	5.25116G	18.921M	5.230495G	5.249415G	Inf	2
25.23M	5.22716G	5.25239G	18.981M	5.230465G	5.249445G	Inf	3
23.28M	5.22788G	5.25116G	18.981M	5.230495G	5.249475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX — EBW

5745MHz

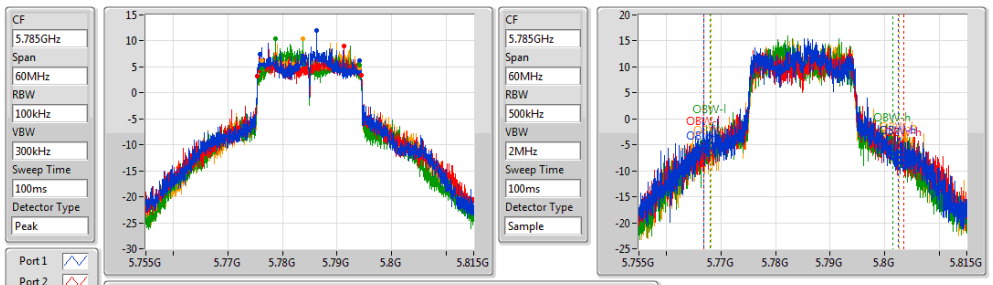
23/10/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.42M	5.73744G	5.75286G	34.153M	5.728058G	5.762211G	500k	1
17.73M	5.73621G	5.75394G	34.423M	5.728568G	5.762991G	500k	2
18.87M	5.73546G	5.75433G	34.273M	5.727969G	5.762241G	500k	3
18.99M	5.73543G	5.75442G	33.103M	5.728478G	5.761582G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

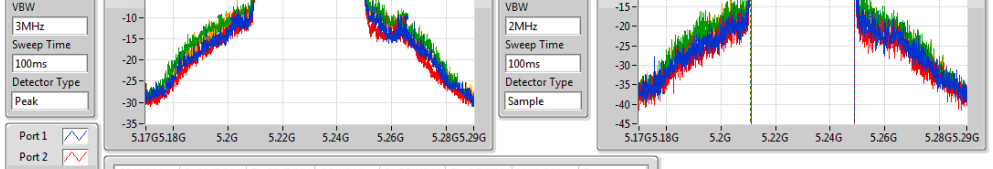
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.21M	5.77594G	5.79415G	35.532M	5.766949G	5.802481G	500k	1
19.08M	5.77543G	5.79451G	36.612M	5.766889G	5.803501G	500k	2
17.85M	5.7763G	5.79415G	33.493M	5.767969G	5.801462G	500k	3
17.85M	5.77627G	5.79412G	34.423M	5.768268G	5.802691G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

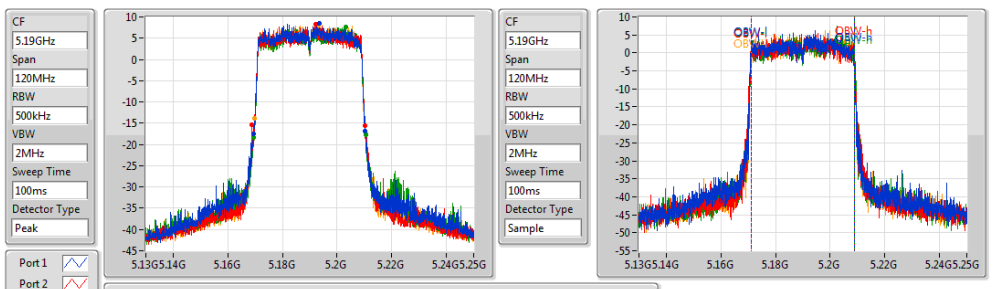
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.54M	5.81549G	5.83403G	35.082M	5.807009G	5.842091G	500k	1
18.63M	5.81549G	5.83412G	36.912M	5.806589G	5.843501G	500k	2
18.45M	5.81555G	5.834G	35.412M	5.806259G	5.841672G	500k	3
19.02M	5.81549G	5.83451G	35.862M	5.807009G	5.842871G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.16948G	5.21034G	37.721M	5.171049G	5.208771G	Inf	1
41.34M	5.16894G	5.21028G	37.901M	5.17099G	5.208891G	Inf	2
41.04M	5.16948G	5.21052G	37.721M	5.171109G	5.208831G	Inf	3
40.68M	5.16978G	5.21046G	37.661M	5.171109G	5.208771G	Inf	4

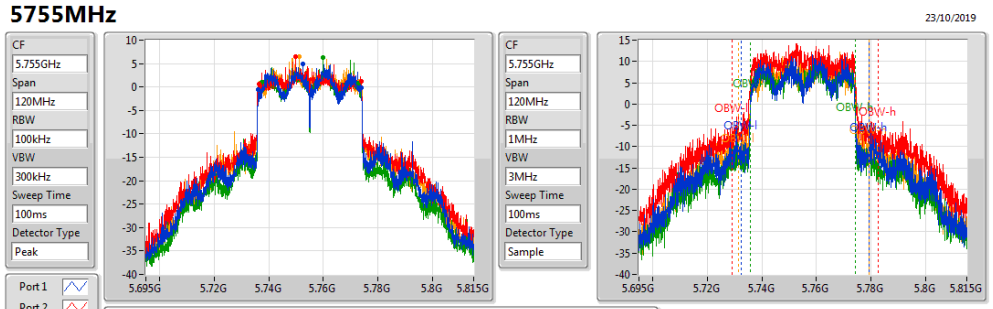
802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5230MHz

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
63.36M	5.20186G	5.26522G	37.901M	5.21099G	5.248891G	Inf	1
62.46M	5.20222G	5.26468G	37.841M	5.21099G	5.248831G	Inf	2
68.16M	5.19718G	5.26534G	38.141M	5.21087G	5.24901G	Inf	3
64.86M	5.19976G	5.26462G	37.961M	5.21093G	5.248891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

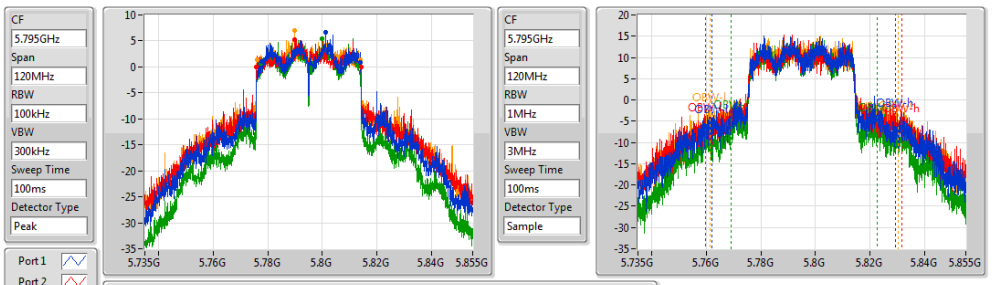
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.73616G	5.77378G	46.957M	5.732331G	5.779288G	500k	1
37.44M	5.7364G	5.77384G	53.553M	5.729093G	5.782646G	500k	2
35.4M	5.73736G	5.77276G	38.561M	5.73569G	5.77425G	500k	3
36.42M	5.73688G	5.7733G	47.796M	5.731492G	5.779288G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.12M	5.77766G	5.81378G	67.046M	5.762196G	5.829243G	500k	1
38.16M	5.77592G	5.81408G	71.784M	5.759858G	5.831642G	500k	2
35.94M	5.77736G	5.8133G	53.613M	5.768973G	5.822586G	500k	3
37.68M	5.77628G	5.81396G	68.846M	5.761297G	5.830142G	500k	4

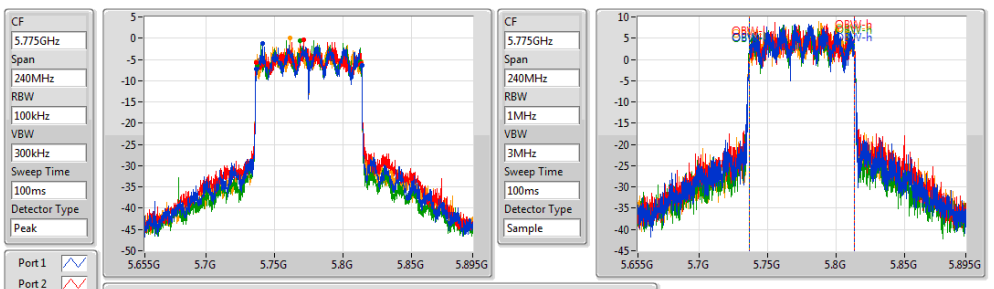
802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5210MHz

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.16872G	5.25116G	77.121M	5.171379G	5.248501G	Inf	1
82.56M	5.16872G	5.25128G	77.121M	5.171379G	5.248501G	Inf	2
81.96M	5.1692G	5.25116G	76.882M	5.171619G	5.248501G	Inf	3
81.6M	5.16932G	5.25092G	77.121M	5.171499G	5.248621G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.16M	5.73672G	5.81388G	77.001M	5.736499G	5.813501G	500k	1
77.52M	5.73624G	5.81376G	77.361M	5.736379G	5.813741G	500k	2
75.84M	5.7372G	5.81304G	77.001M	5.736499G	5.813501G	500k	3
76.92M	5.73624G	5.81316G	77.001M	5.736499G	5.813501G	500k	4

<Scan Radio>
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)_1TX	46.05M	26.687M	26M7D1D	30.18M	17.091M
802.11ac VHT20_Nss1,(MCS0)_1TX	49.14M	27.886M	27M9D1D	34.08M	18.291M
802.11ac VHT40_Nss1,(MCS0)_1TX	74.22M	37.841M	37M8D1D	51.3M	36.342M
802.11ac VHT80_Nss1,(MCS0)_1TX	97.68M	75.802M	75M8D1D	97.68M	75.802M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.53M	29.445M	29M4D1D	16.29M	25.217M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.49M	30.915M	30M9D1D	16.89M	26.237M
802.11ac VHT40_Nss1,(MCS0)_1TX	35.94M	51.154M	51M2D1D	35.64M	49.055M
802.11ac VHT80_Nss1,(MCS0)_1TX	70.44M	87.556M	87M6D1D	70.44M	87.556M

Max-N dB = Maximum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Min-OBW** = Minimum 99% occupied bandwidth;

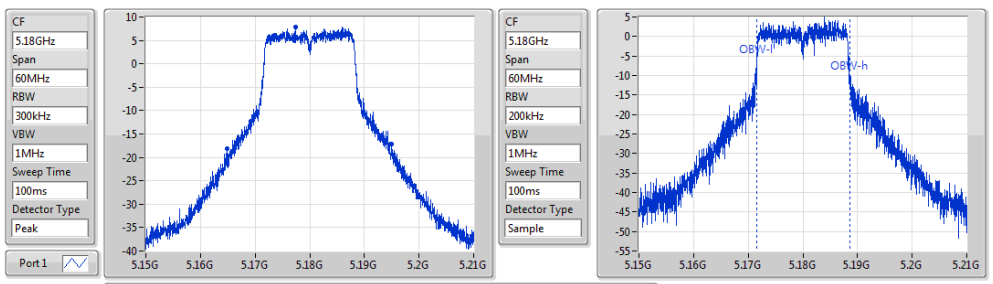
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	30.18M	17.091M
5200MHz	Pass	Inf	46.05M	26.687M
5240MHz	Pass	Inf	37.86M	19.07M
5745MHz	Pass	500k	16.53M	25.907M
5785MHz	Pass	500k	16.29M	25.217M
5825MHz	Pass	500k	16.29M	29.445M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	34.08M	18.291M
5200MHz	Pass	Inf	49.14M	27.886M
5240MHz	Pass	Inf	40.59M	19.55M
5745MHz	Pass	500k	16.89M	26.867M
5785MHz	Pass	500k	17.16M	26.237M
5825MHz	Pass	500k	17.49M	30.915M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	51.3M	36.342M
5230MHz	Pass	Inf	74.22M	37.841M
5755MHz	Pass	500k	35.94M	51.154M
5795MHz	Pass	500k	35.64M	49.055M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	97.68M	75.802M
5775MHz	Pass	500k	70.44M	87.556M

Port X-N dB = Port **X** 6dB down bandwidth for UNII-3 band / 26dB down bandwidth for other band; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX **EBW**

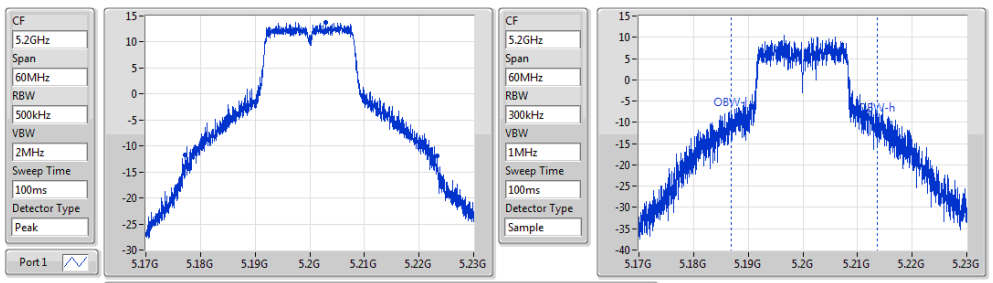
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.18M	5.16485G	5.19503G	17.091M	5.171544G	5.188636G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

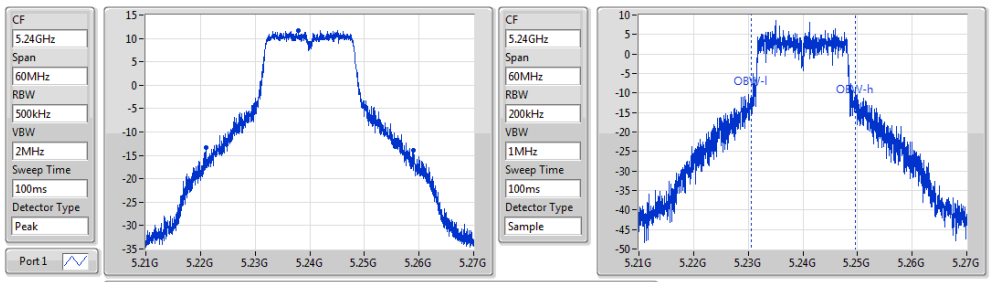
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.05M	5.17723G	5.22328G	26.687M	5.186927G	5.213613G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

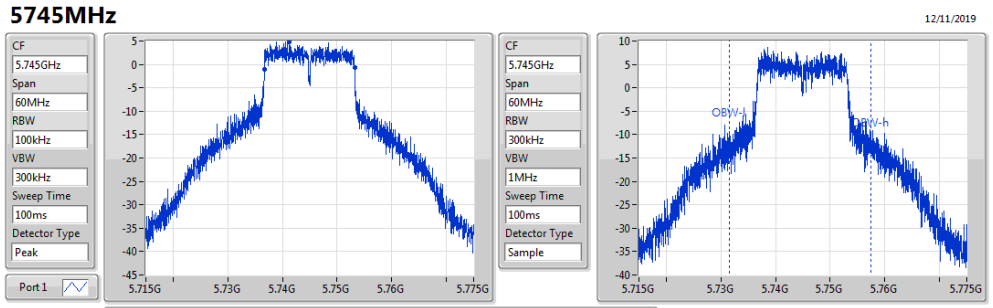
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.86M	5.22107G	5.25893G	19.07M	5.230525G	5.249595G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

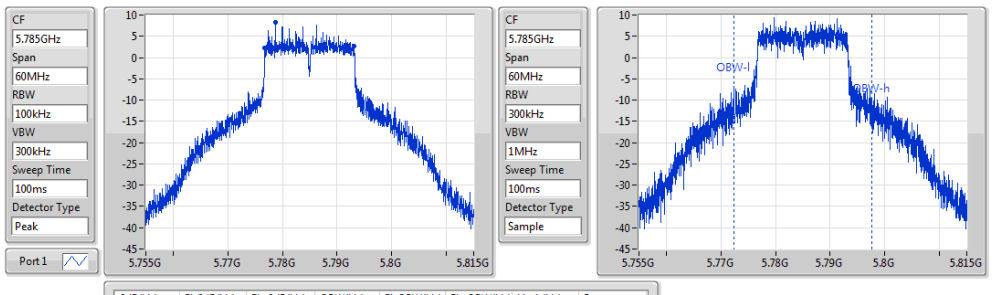
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.53M	5.73669G	5.75322G	25.907M	5.731627G	5.757534G	500k	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

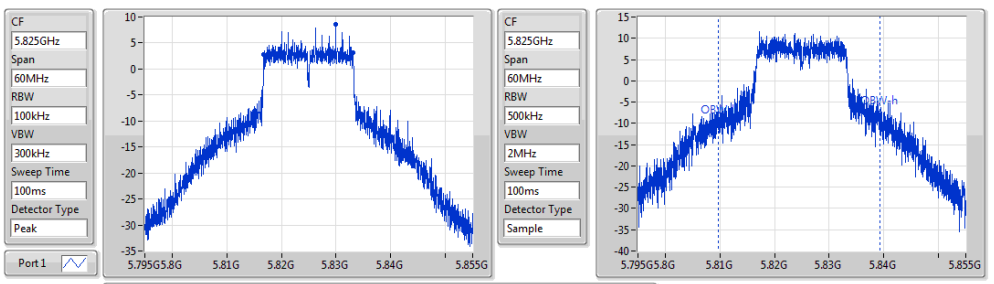
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77681G	5.7931G	25.217M	5.772376G	5.797594G	500k	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

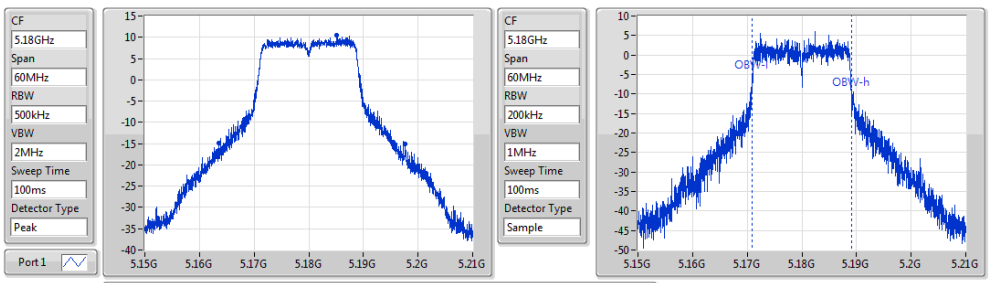
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81681G	5.8331G	29.445M	5.809768G	5.839213G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

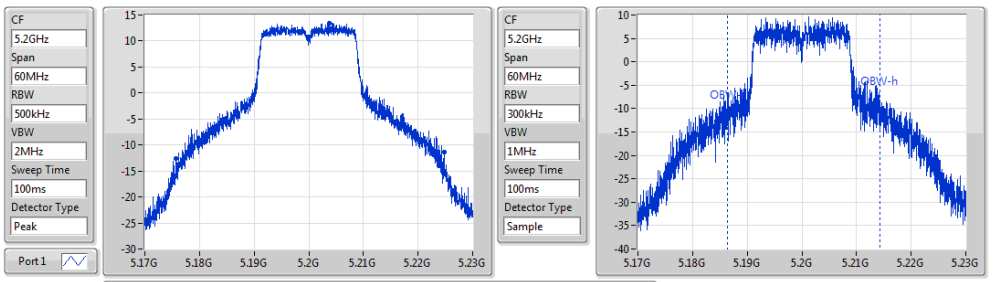
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.08M	5.16359G	5.19767G	18.291M	5.170885G	5.189175G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

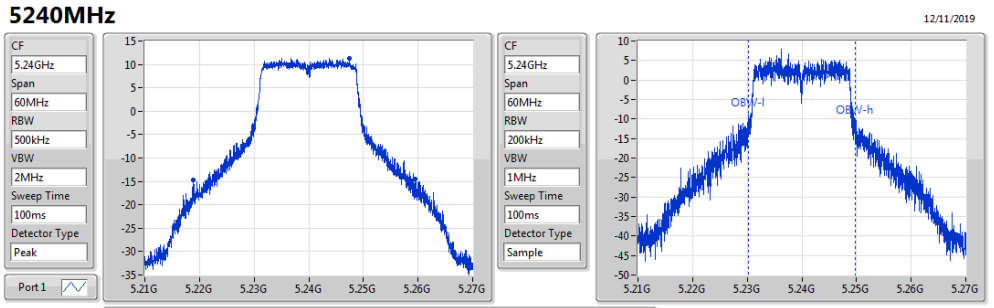
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.14M	5.1757G	5.22484G	27.886M	5.186447G	5.214333G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

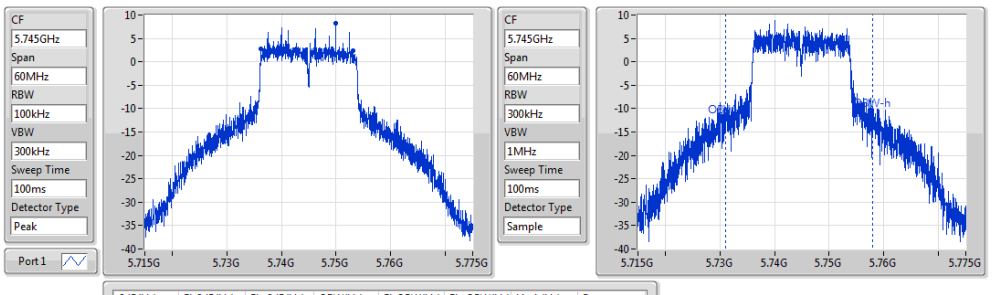
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.59M	5.21894G	5.25953G	19.55M	5.230225G	5.249775G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

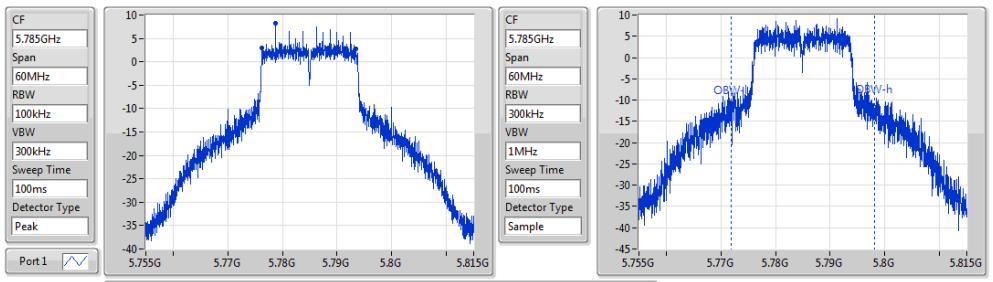
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.89M	5.73621G	5.7531G	26.867M	5.731087G	5.757954G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

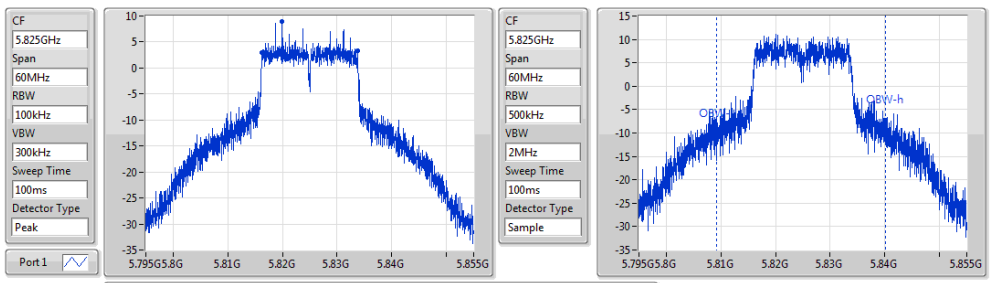
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.16M	5.77621G	5.79337G	26.237M	5.771807G	5.798043G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX **EBW**

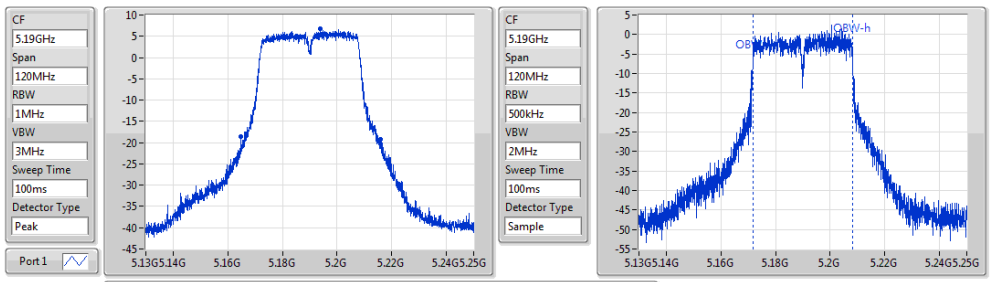
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.49M	5.81624G	5.83373G	30.915M	5.809138G	5.840052G	500k	1

802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

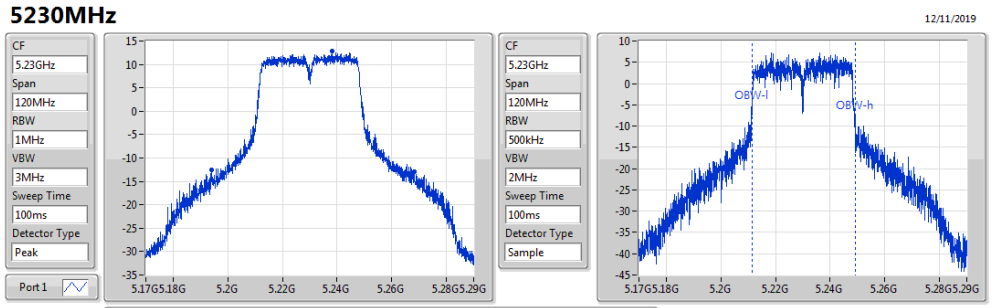
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
51.3M	5.16468G	5.21598G	36.342M	5.171769G	5.208111G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

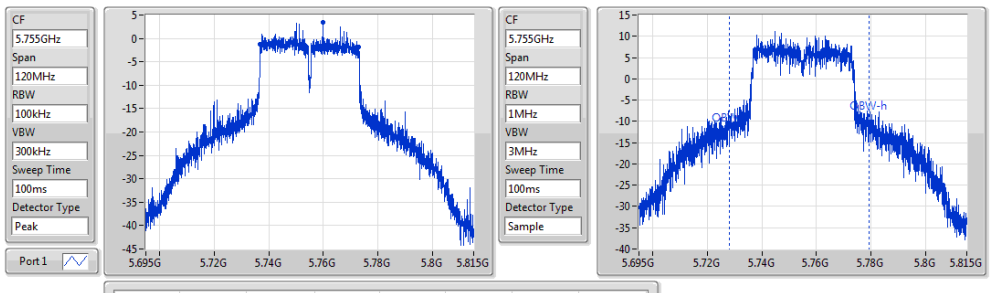
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.22M	5.19412G	5.26834G	37.841M	5.211349G	5.24919G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

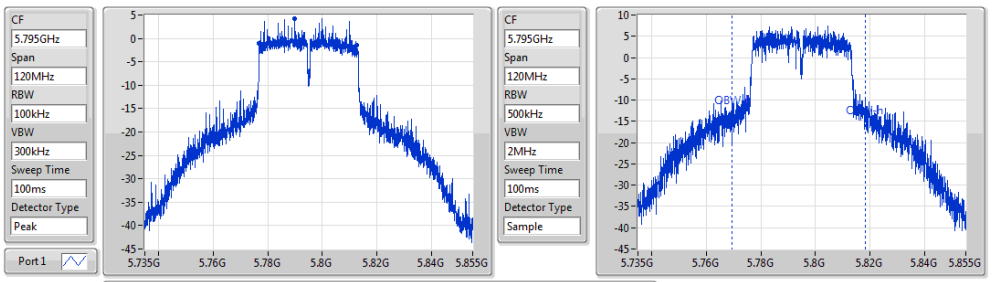
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.94M	5.73682G	5.77276G	51.154M	5.728133G	5.779288G	500k	1

802.11ac VHT40_Nss1,(MCS0)_1TX **EBW**

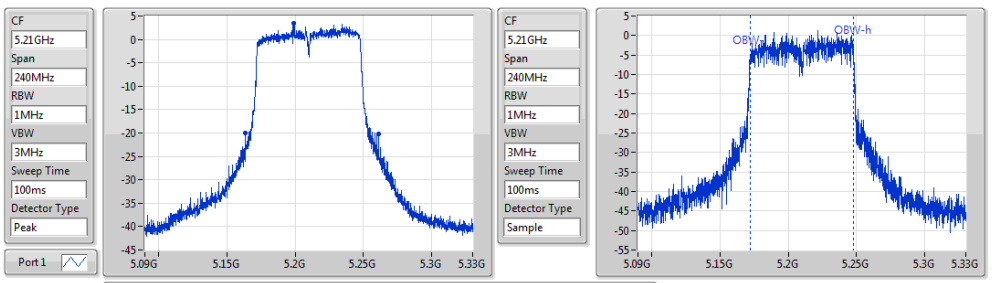
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.64M	5.77682G	5.81246G	49.055M	5.769333G	5.818388G	500k	1

802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

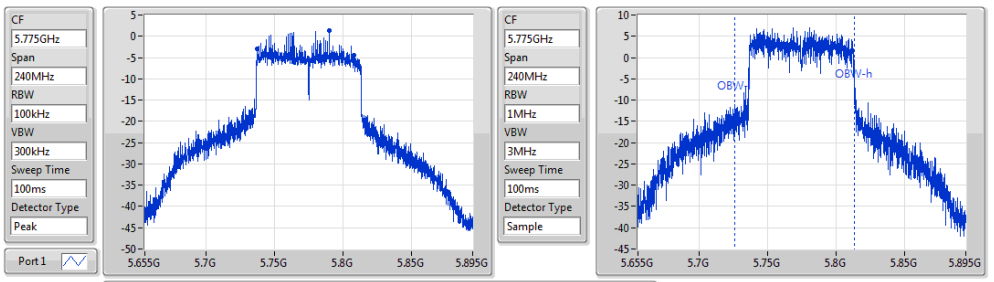
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
97.68M	5.16356G	5.26124G	75.802M	5.172099G	5.247901G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.44M	5.73744G	5.80788G	87.556M	5.726064G	5.813621G	500k	1

For beamforming mode:

<DBS mode>

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	22.05M	18.981M	19M0D1D	20.88M	18.801M
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	42.3M	38.081M	38M1D1D	40.5M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	81.6M	77.241M	77M2D1D	80.88M	76.642M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	19.02M	19.01M	19M0D1D	13.8M	18.561M
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	37.74M	38.201M	38M2D1D	30.06M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	76.8M	77.361M	77M4D1D	62.52M	76.522M

Max-N dB = Maximum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Min-OBW** = Minimum 99% occupied bandwidth;

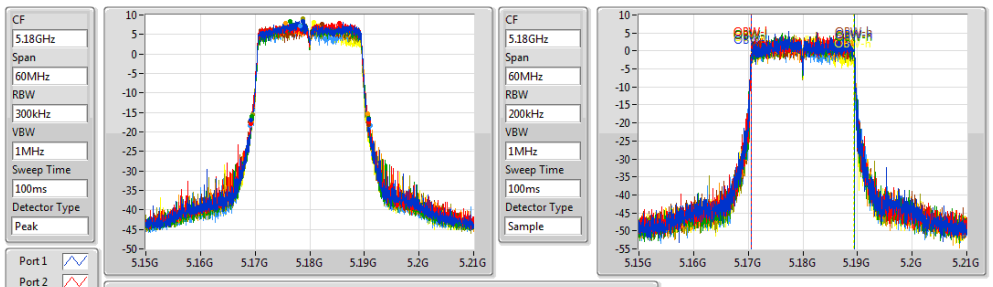
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.66M	18.921M	21.57M	18.891M	21.36M	18.891M	21.36M	18.891M	21.75M	18.921M	21.03M	18.891M	22.05M	18.951M	21.21M	18.801M
5200MHz	Pass	Inf	21.57M	18.921M	20.88M	18.861M	21.3M	18.921M	21.24M	18.891M	21.24M	18.861M	21.75M	18.891M	21.6M	18.891M	22.02M	18.981M
5240MHz	Pass	Inf	21.39M	18.891M	21.75M	18.951M	21.42M	18.891M	21.51M	18.921M	21.09M	18.891M	21.63M	18.921M	21.48M	18.861M	21.03M	18.831M
5745MHz	Pass	500k	18.99M	19.01M	15.42M	18.861M	18.9M	19.01M	17.67M	18.771M	15.51M	18.591M	17.04M	18.681M	16.23M	18.591M	18.78M	18.891M
5785MHz	Pass	500k	16.38M	18.741M	17.91M	18.951M	16.44M	18.741M	18.45M	18.921M	18.9M	19.01M	18.3M	18.831M	13.8M	18.591M	18.48M	18.831M
5825MHz	Pass	500k	17.58M	18.951M	17.25M	18.801M	15.24M	18.771M	19.02M	18.891M	19.02M	18.981M	18.48M	18.831M	15M	18.561M	18.72M	18.831M
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.7M	37.721M	40.92M	38.081M	41.58M	37.601M	40.86M	37.721M	40.98M	37.841M	41.16M	37.661M	40.68M	37.841M	40.5M	37.481M
5230MHz	Pass	Inf	41.22M	37.661M	41.04M	37.781M	40.86M	37.661M	42.3M	37.781M	40.68M	37.841M	41.52M	37.721M	40.8M	37.961M	40.74M	37.481M
5755MHz	Pass	500k	34.8M	37.541M	36.78M	37.781M	36.6M	37.541M	34.38M	37.661M	37.14M	37.901M	33.84M	37.901M	33.84M	37.601M	37.74M	37.721M
5795MHz	Pass	500k	35.64M	37.541M	37.44M	37.841M	36.78M	37.481M	30.06M	37.781M	37.74M	37.781M	37.68M	37.841M	36.9M	38.201M	37.5M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.48M	77.241M	81.6M	77.001M	81.24M	76.762M	81.12M	77.001M	81.36M	77.241M	81M	76.882M	81.12M	77.241M	80.88M	76.642M
5775MHz	Pass	500k	75M	76.642M	70.08M	77.241M	72.96M	76.522M	62.52M	77.001M	71.88M	77.361M	76.8M	77.001M	76.2M	77.121M	74.4M	77.121M

Port X-N dB = Port **X** 6dB down bandwidth for UNII-3 band / 26dB down bandwidth for other band; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **EBW**

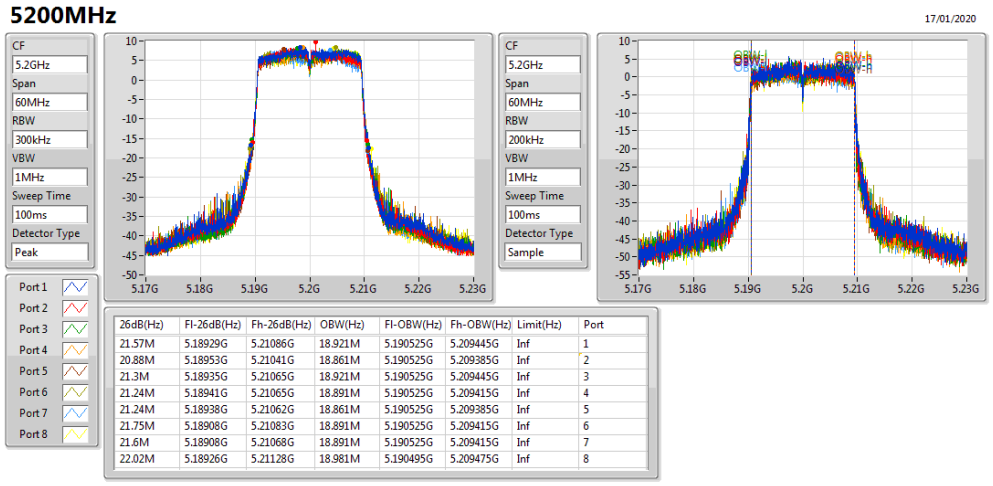
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.1692G	5.19086G	18.921M	5.170525G	5.189445G	Inf	1
21.57M	5.16914G	5.19071G	18.891M	5.170525G	5.189415G	Inf	2
21.36M	5.16941G	5.19077G	18.891M	5.170525G	5.189415G	Inf	3
21.36M	5.16923G	5.19059G	18.891M	5.170555G	5.189445G	Inf	4
21.75M	5.16908G	5.19083G	18.921M	5.170495G	5.189415G	Inf	5
21.03M	5.1695G	5.19053G	18.891M	5.170525G	5.189415G	Inf	6
22.05M	5.16905G	5.1911G	18.951M	5.170495G	5.189445G	Inf	7
21.21M	5.16926G	5.19047G	18.801M	5.170555G	5.189355G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **EBW**

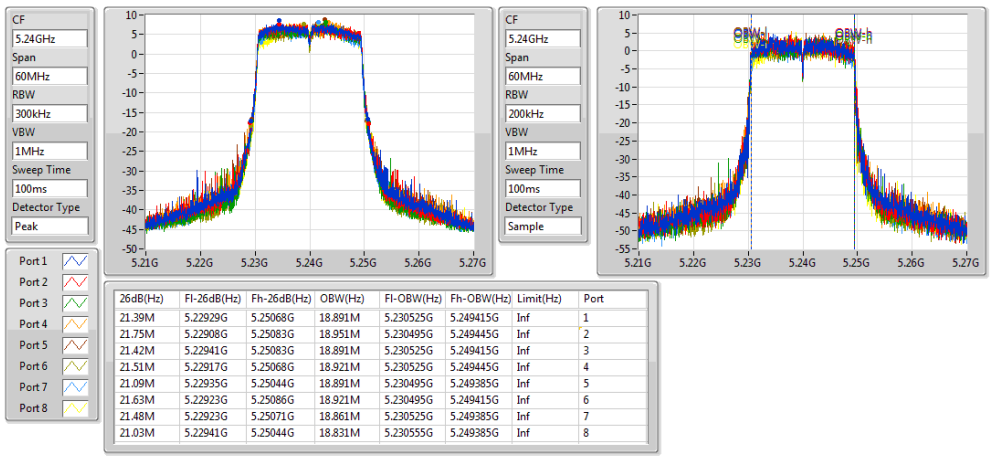
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.18929G	5.21086G	18.921M	5.190525G	5.209445G	Inf	1
20.88M	5.18953G	5.21041G	18.861M	5.190525G	5.209385G	Inf	2
21.3M	5.18935G	5.21065G	18.921M	5.190525G	5.209445G	Inf	3
21.24M	5.18941G	5.21065G	18.891M	5.190525G	5.209415G	Inf	4
21.24M	5.18938G	5.21062G	18.861M	5.190525G	5.209385G	Inf	5
21.75M	5.18908G	5.21083G	18.891M	5.190525G	5.209415G	Inf	6
21.6M	5.18908G	5.21068G	18.891M	5.190525G	5.209415G	Inf	7
22.02M	5.18926G	5.21128G	18.981M	5.190495G	5.209475G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **EBW**

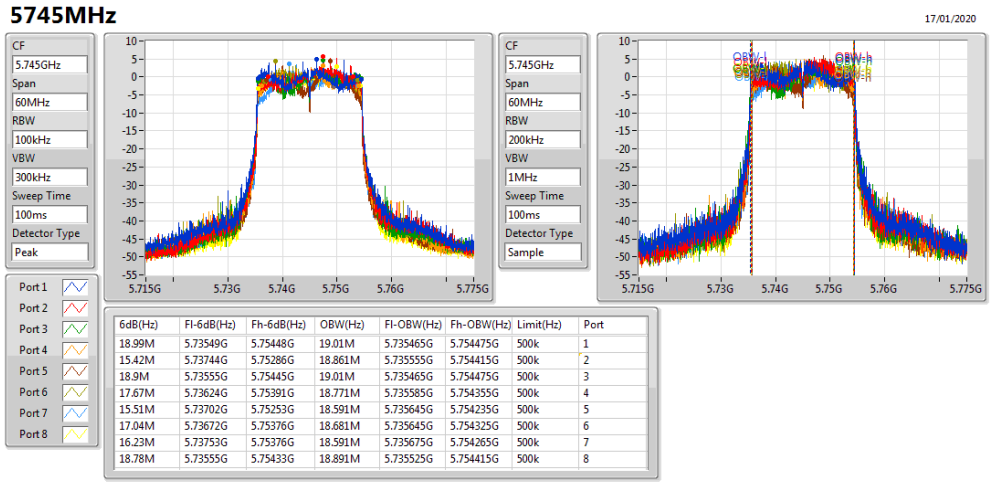
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.22929G	5.25068G	18.891M	5.230525G	5.249415G	Inf	1
21.75M	5.22908G	5.25083G	18.951M	5.230495G	5.249445G	Inf	2
21.42M	5.22941G	5.25083G	18.891M	5.230525G	5.249415G	Inf	3
21.51M	5.22917G	5.25068G	18.921M	5.230525G	5.249445G	Inf	4
21.09M	5.22935G	5.25044G	18.891M	5.230495G	5.249385G	Inf	5
21.63M	5.22923G	5.25086G	18.921M	5.230495G	5.249415G	Inf	6
21.48M	5.22923G	5.25071G	18.861M	5.230525G	5.249385G	Inf	7
21.03M	5.22941G	5.25044G	18.831M	5.230555G	5.249385G	Inf	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **EBW**

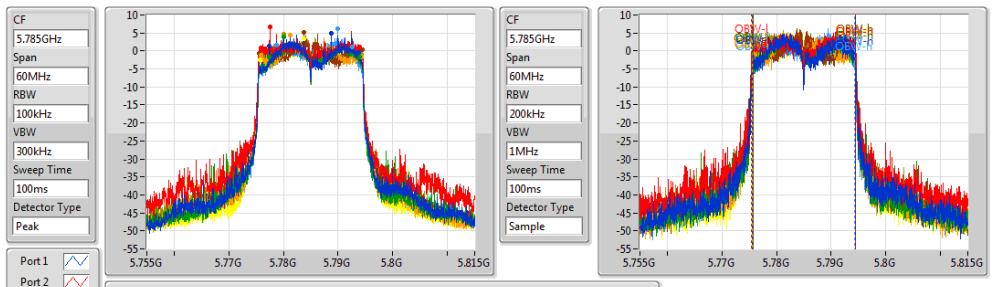
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.73549G	5.75448G	19.01M	5.735465G	5.754475G	500k	1
15.42M	5.73744G	5.75286G	18.861M	5.735555G	5.754415G	500k	2
18.9M	5.73555G	5.75445G	19.01M	5.735465G	5.754475G	500k	3
17.67M	5.73624G	5.75391G	18.771M	5.735585G	5.754355G	500k	4
15.51M	5.73702G	5.75253G	18.591M	5.735645G	5.754235G	500k	5
17.04M	5.73672G	5.75376G	18.681M	5.735645G	5.754325G	500k	6
16.23M	5.73753G	5.75376G	18.591M	5.735675G	5.754265G	500k	7
18.78M	5.73555G	5.75433G	18.891M	5.735525G	5.754415G	500k	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **EBW**

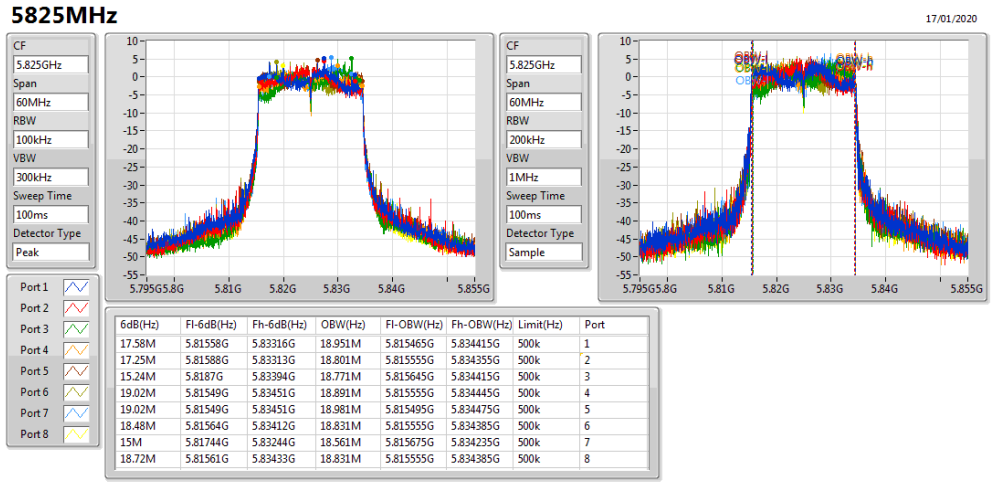
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.38M	5.77741G	5.79379G	18.741M	5.775675G	5.794415G	500k	1
17.91M	5.77597G	5.79388G	18.951M	5.775495G	5.794445G	500k	2
16.44M	5.77744G	5.79388G	18.741M	5.775645G	5.794385G	500k	3
18.45M	5.77582G	5.79427G	18.921M	5.775525G	5.794445G	500k	4
18.9M	5.77558G	5.79448G	19.01M	5.775465G	5.794475G	500k	5
18.3M	5.77594G	5.79424G	18.831M	5.775555G	5.794385G	500k	6
13.8M	5.77876G	5.79256G	18.591M	5.775705G	5.794295G	500k	7
18.48M	5.7757G	5.79418G	18.831M	5.775555G	5.794385G	500k	8

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **EBW**

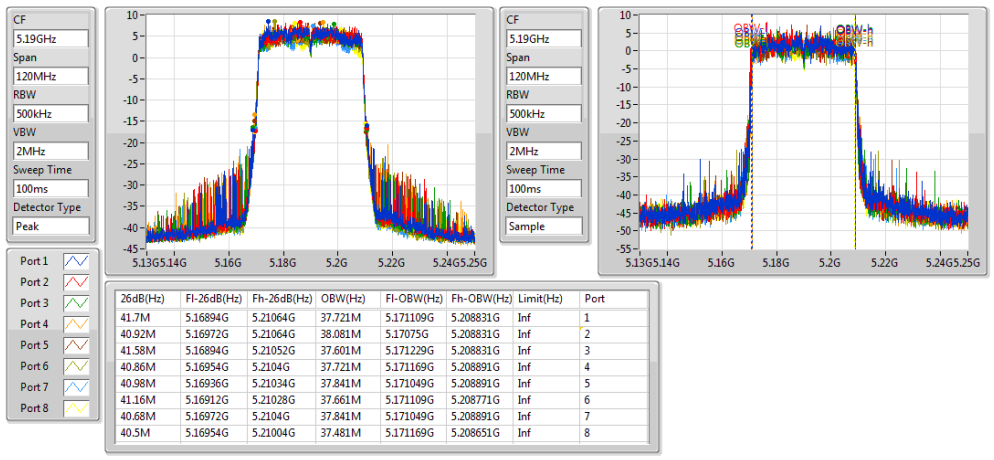
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.81558G	5.83316G	18.951M	5.815465G	5.834415G	500k	1
17.25M	5.81588G	5.83313G	18.801M	5.815555G	5.834355G	500k	2
15.24M	5.8187G	5.83394G	18.771M	5.815645G	5.834415G	500k	3
19.02M	5.81549G	5.83451G	18.891M	5.815555G	5.834445G	500k	4
19.02M	5.81549G	5.83451G	18.981M	5.815495G	5.834475G	500k	5
18.48M	5.81564G	5.83412G	18.831M	5.815555G	5.834385G	500k	6
15M	5.81744G	5.83244G	18.561M	5.815675G	5.834235G	500k	7
18.72M	5.81561G	5.83433G	18.831M	5.815555G	5.834385G	500k	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

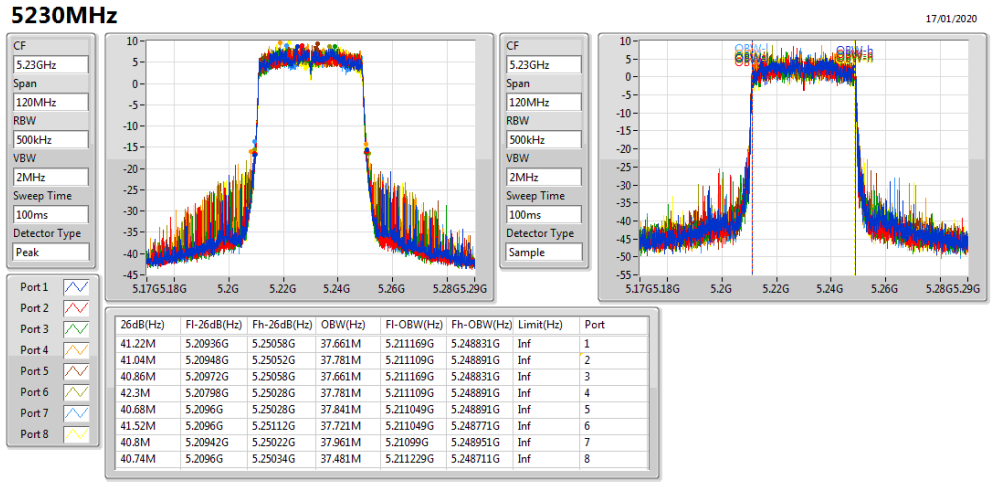
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.7M	5.16894G	5.21064G	37.721M	5.171109G	5.208831G	Inf	1
40.92M	5.16972G	5.21064G	38.081M	5.17075G	5.208831G	Inf	2
41.58M	5.16894G	5.21052G	37.601M	5.171229G	5.208831G	Inf	3
40.86M	5.16954G	5.2104G	37.721M	5.171169G	5.208891G	Inf	4
40.98M	5.16936G	5.21034G	37.841M	5.171049G	5.208891G	Inf	5
41.16M	5.16912G	5.21028G	37.661M	5.171109G	5.208771G	Inf	6
40.68M	5.16972G	5.2104G	37.841M	5.171049G	5.208891G	Inf	7
40.5M	5.16954G	5.21004G	37.481M	5.171169G	5.208651G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

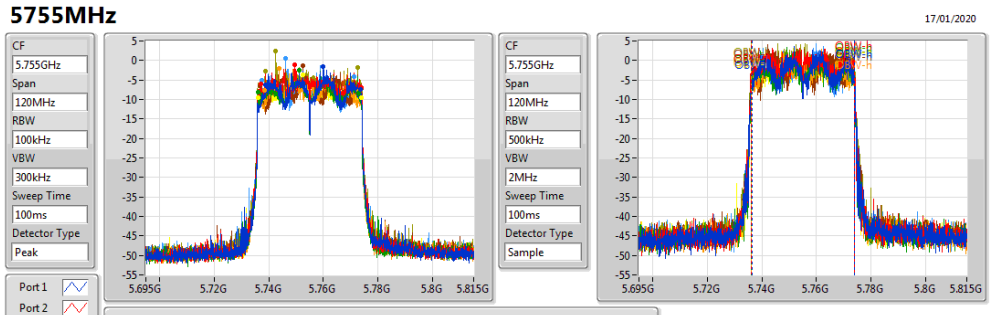
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.20936G	5.25058G	37.661M	5.211169G	5.248831G	Inf	1
41.04M	5.20948G	5.25052G	37.781M	5.211109G	5.248891G	Inf	2
40.86M	5.20972G	5.25058G	37.661M	5.211169G	5.248831G	Inf	3
42.3M	5.20798G	5.25028G	37.781M	5.211109G	5.248891G	Inf	4
40.68M	5.2096G	5.25028G	37.841M	5.211049G	5.248891G	Inf	5
41.52M	5.2096G	5.25112G	37.721M	5.211049G	5.248771G	Inf	6
40.8M	5.20942G	5.25022G	37.961M	5.21099G	5.248951G	Inf	7
40.74M	5.2096G	5.25034G	37.481M	5.211229G	5.248711G	Inf	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

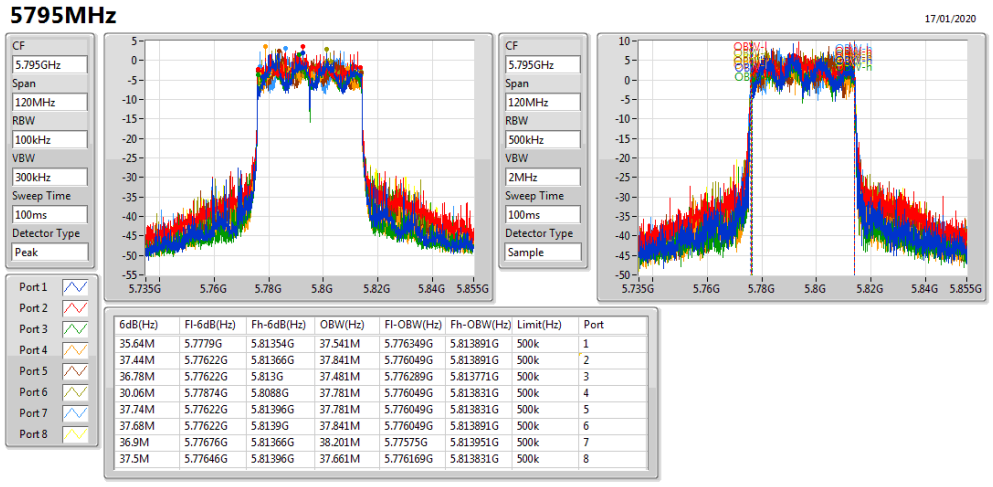
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.8M	5.73874G	5.77354G	37.541M	5.736289G	5.773831G	500k	1
36.78M	5.73712G	5.7739G	37.781M	5.736109G	5.773891G	500k	2
36.6M	5.73622G	5.77282G	37.541M	5.736229G	5.773771G	500k	3
34.38M	5.7385G	5.77288G	37.661M	5.736109G	5.773771G	500k	4
37.14M	5.73688G	5.77402G	37.901M	5.736049G	5.773951G	500k	5
33.84M	5.73868G	5.77252G	37.901M	5.736049G	5.773951G	500k	6
33.84M	5.73748G	5.77132G	37.601M	5.736169G	5.773771G	500k	7
37.74M	5.73622G	5.77396G	37.721M	5.736109G	5.773831G	500k	8

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **EBW**

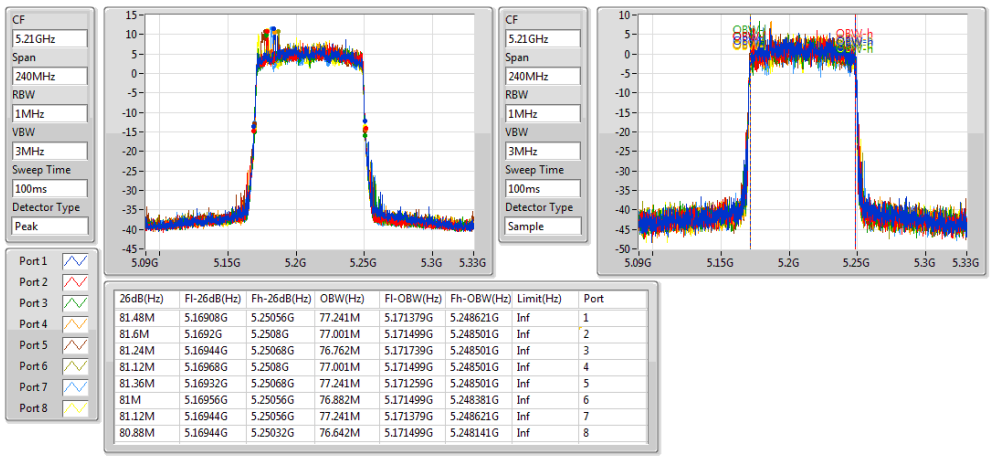
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.64M	5.7779G	5.81354G	37.541M	5.776349G	5.813891G	500k	1
37.44M	5.77622G	5.81366G	37.841M	5.776049G	5.813891G	500k	2
36.78M	5.77622G	5.813G	37.481M	5.776289G	5.813771G	500k	3
30.06M	5.77874G	5.8088G	37.781M	5.776049G	5.813831G	500k	4
37.74M	5.77622G	5.81396G	37.781M	5.776049G	5.813831G	500k	5
37.68M	5.77622G	5.8139G	37.841M	5.776049G	5.813891G	500k	6
36.9M	5.77676G	5.81366G	38.201M	5.77575G	5.813951G	500k	7
37.5M	5.77646G	5.81396G	37.661M	5.776169G	5.813831G	500k	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

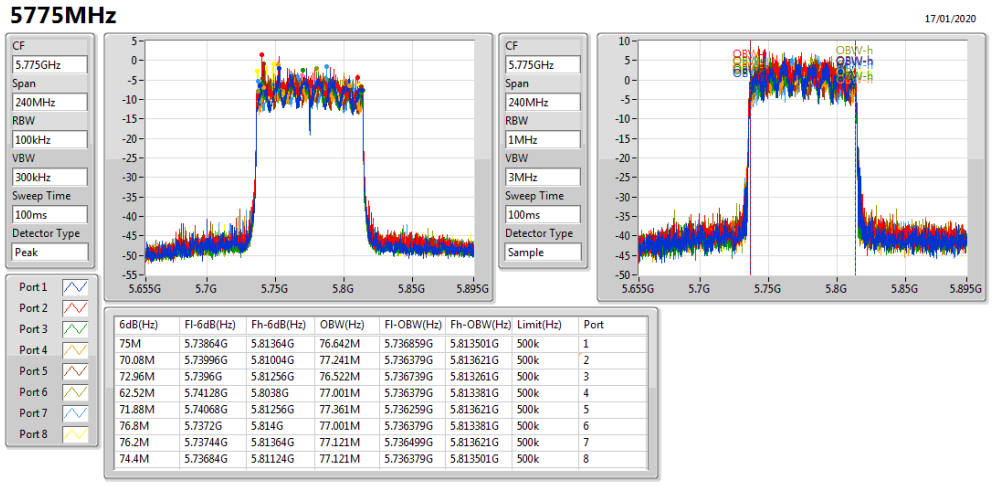
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.16908G	5.25056G	77.241M	5.171379G	5.248621G	Inf	1
81.6M	5.1692G	5.2508G	77.001M	5.171499G	5.248501G	Inf	2
81.24M	5.16944G	5.25068G	76.762M	5.171739G	5.248501G	Inf	3
81.12M	5.16968G	5.2508G	77.001M	5.171499G	5.248501G	Inf	4
81.36M	5.16932G	5.25068G	77.241M	5.171259G	5.248501G	Inf	5
81M	5.16956G	5.25056G	76.882M	5.171499G	5.248381G	Inf	6
81.12M	5.16944G	5.25056G	77.241M	5.171379G	5.248621G	Inf	7
80.88M	5.16944G	5.25032G	76.642M	5.171499G	5.248141G	Inf	8

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75M	5.73864G	5.81364G	76.642M	5.736859G	5.813501G	500k	1
70.08M	5.73996G	5.81004G	77.241M	5.736379G	5.813621G	500k	2
72.96M	5.7396G	5.81256G	76.522M	5.736739G	5.813261G	500k	3
62.52M	5.74128G	5.8038G	77.001M	5.736379G	5.813381G	500k	4
71.88M	5.74068G	5.81256G	77.361M	5.736259G	5.813621G	500k	5
76.8M	5.7372G	5.814G	77.001M	5.736379G	5.813381G	500k	6
76.2M	5.73744G	5.81364G	77.121M	5.736499G	5.813621G	500k	7
74.4M	5.73684G	5.81124G	77.121M	5.736379G	5.813501G	500k	8

<SBS mode>
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	44.94M	23.148M	23M1D1D	21.09M	18.771M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	76.32M	38.081M	38M1D1D	40.92M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.32M	77.121M	77M1D1D	80.88M	76.642M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.69M	38.351M	38M4D1D	16.53M	27.526M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.8M	71.424M	71M4D1D	32.52M	38.141M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.28M	77.361M	77M4D1D	67.2M	76.642M

Max-N dB = Maximum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Min-OBW** = Minimum 99% occupied bandwidth;

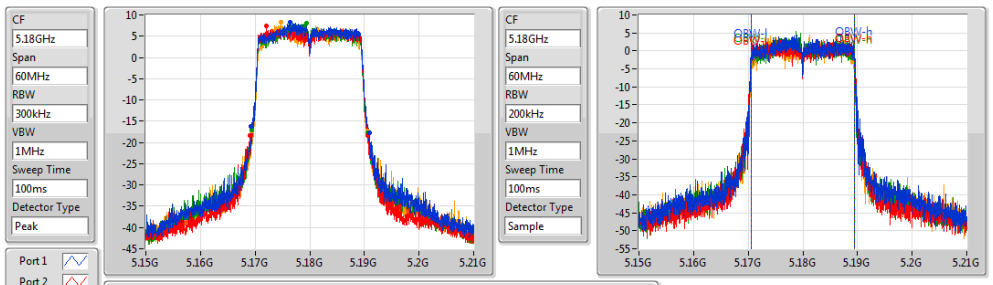
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.75M	18.951M	21.66M	18.921M	21.21M	18.891M	21.09M	18.771M
5200MHz	Pass	Inf	40.8M	20.39M	41.07M	20.81M	36.48M	19.34M	44.94M	23.148M
5240MHz	Pass	Inf	38.97M	19.16M	34.47M	19.1M	29.49M	18.981M	38.25M	19.31M
5745MHz	Pass	500k	16.71M	30.675M	16.53M	27.526M	18.09M	35.862M	17.28M	32.954M
5785MHz	Pass	500k	18.27M	30.405M	18.69M	37.061M	17.25M	37.331M	17.43M	35.832M
5825MHz	Pass	500k	17.43M	33.823M	18.09M	36.672M	17.04M	38.351M	17.82M	37.301M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	37.601M	41.64M	37.841M	41.22M	37.661M	41.1M	37.541M
5230MHz	Pass	Inf	76.32M	38.081M	52.26M	37.841M	57.6M	37.901M	73.86M	37.781M
5755MHz	Pass	500k	37.8M	38.381M	36.84M	38.141M	32.52M	40.48M	35.76M	38.621M
5795MHz	Pass	500k	37.74M	60.15M	35.7M	50.915M	37.2M	71.424M	34.08M	66.507M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.882M	82.32M	77.121M	80.88M	76.882M	82.32M	76.642M
5775MHz	Pass	500k	74.64M	76.762M	77.28M	77.361M	74.16M	76.642M	67.2M	77.121M

Port X-N dB = Port **X** 6dB down bandwidth for UNII-3 band / 26dB down bandwidth for other band; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX — EBW

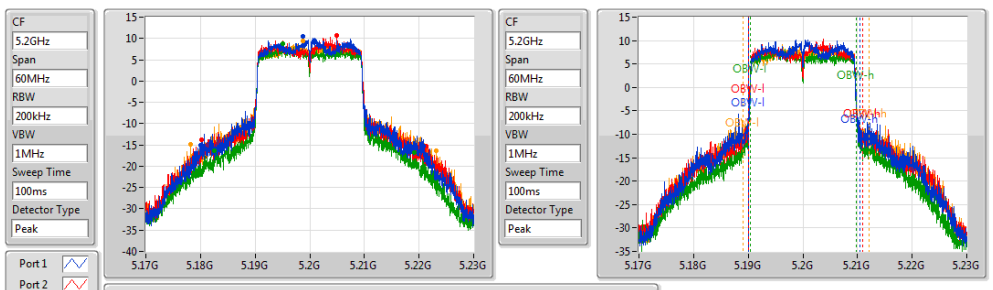
5180MHz 16/01/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.1692G	5.19095G	18.951M	5.170525G	5.189475G	Inf	1
21.66M	5.16902G	5.19068G	18.921M	5.170525G	5.189445G	Inf	2
21.21M	5.16944G	5.19065G	18.891M	5.170525G	5.189415G	Inf	3
21.09M	5.16947G	5.19056G	18.771M	5.170615G	5.189385G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX — EBW

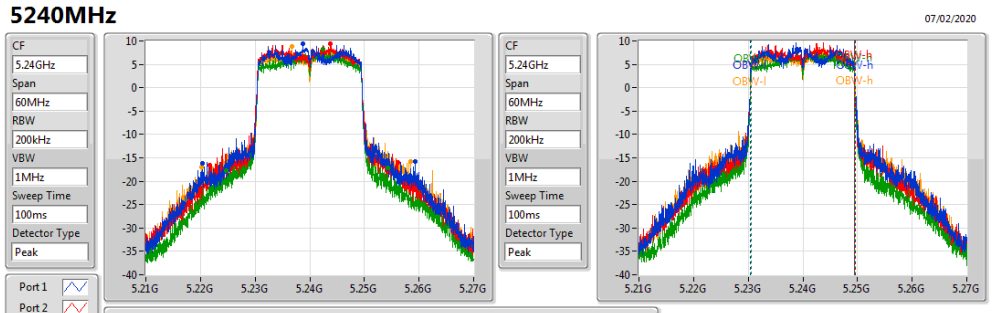
5200MHz 07/02/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.18002G	5.22082G	20.39M	5.190045G	5.210435G	Inf	1
41.07M	5.18026G	5.22133G	20.81M	5.190075G	5.210885G	Inf	2
36.48M	5.18226G	5.21908G	19.34M	5.190375G	5.209715G	Inf	3
44.94M	5.17816G	5.2231G	23.148M	5.189025G	5.212174G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX — EBW

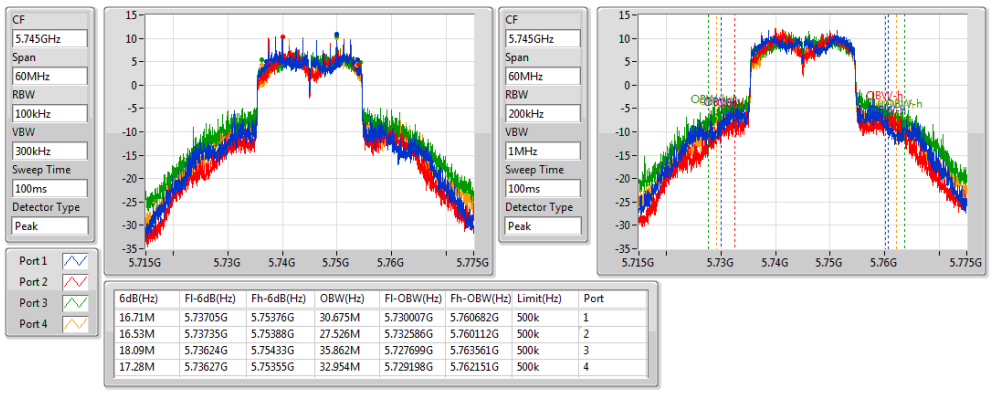
5240MHz 07/02/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.97M	5.22032G	5.25929G	19.16M	5.230405G	5.249565G	Inf	1
34.47M	5.22173G	5.2562G	19.1M	5.230405G	5.249505G	Inf	2
29.49M	5.22473G	5.25422G	18.981M	5.230495G	5.249475G	Inf	3
38.25M	5.22014G	5.25839G	19.31M	5.230315G	5.249625G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX — EBW

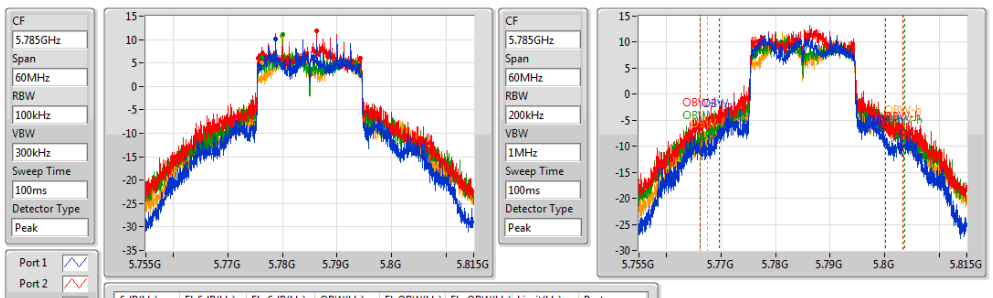
5745MHz 07/02/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.71M	5.73705G	5.75376G	30.675M	5.730007G	5.760682G	500k	1
16.53M	5.73735G	5.75388G	27.526M	5.732586G	5.760112G	500k	2
18.09M	5.73624G	5.75433G	35.862M	5.727699G	5.763561G	500k	3
17.28M	5.73627G	5.75355G	32.954M	5.729198G	5.762151G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX — EBW

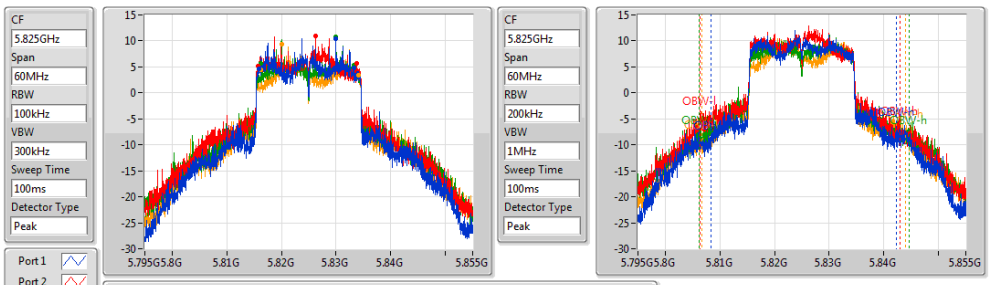
5785MHz 07/02/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.27M	5.7757G	5.79397G	30.405M	5.769648G	5.800052G	500k	1
18.69M	5.77552G	5.79421G	37.061M	5.766169G	5.803231G	500k	2
17.25M	5.77624G	5.79349G	37.331M	5.766229G	5.803561G	500k	3
17.43M	5.77627G	5.7937G	35.832M	5.767579G	5.803411G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX — EBW

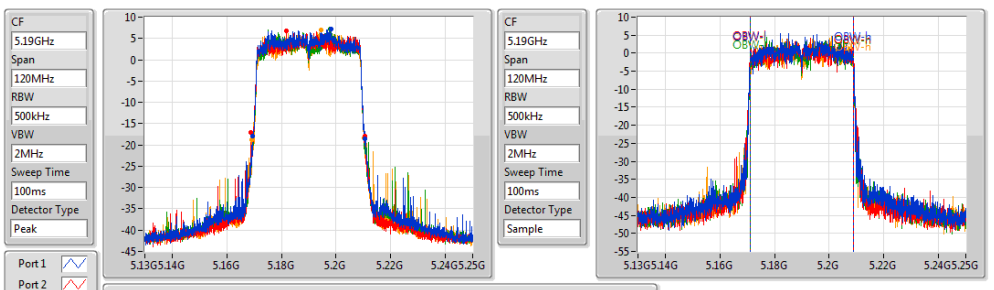
5825MHz 07/02/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.43M	5.81585G	5.83328G	33.823M	5.808418G	5.842241G	500k	1
18.09M	5.8157G	5.83379G	36.672M	5.806289G	5.842961G	500k	2
17.04M	5.81624G	5.83328G	38.351M	5.806229G	5.84458G	500k	3
17.82M	5.81627G	5.83409G	37.301M	5.806619G	5.843921G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX — EBW

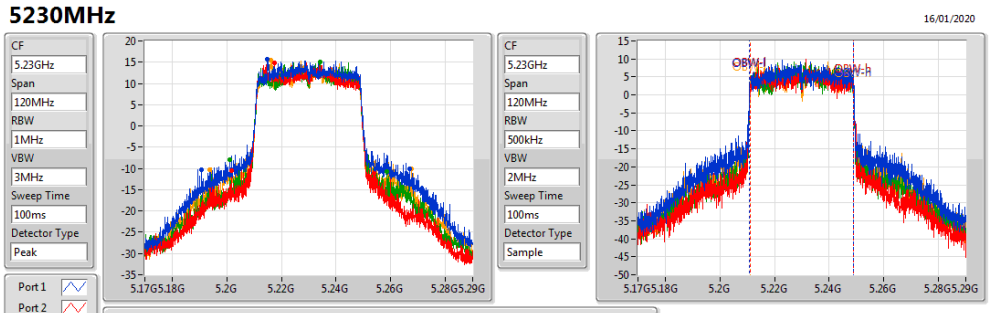
5190MHz 16/01/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.1696G	5.21052G	37.601M	5.171229G	5.208831G	Inf	1
41.64M	5.16888G	5.21052G	37.841M	5.171049G	5.208891G	Inf	2
41.22M	5.16936G	5.21058G	37.661M	5.171169G	5.208831G	Inf	3
41.1M	5.16918G	5.21028G	37.541M	5.171229G	5.208771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX — EBW

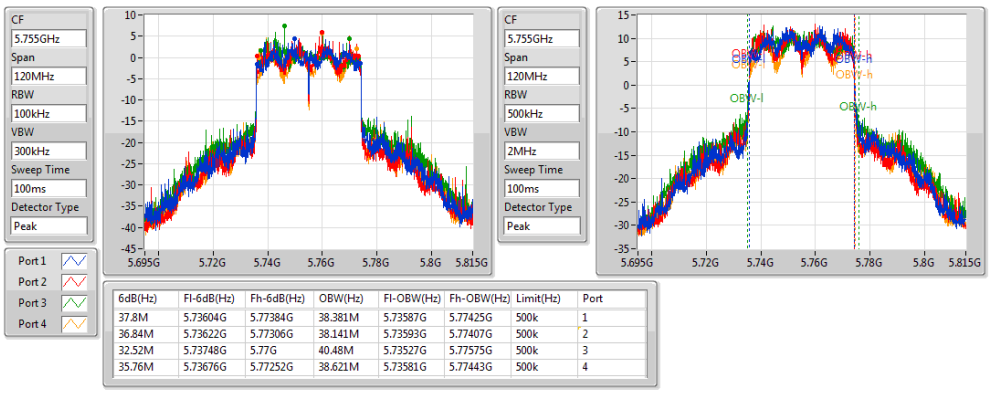
5230MHz 16/01/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.32M	5.19064G	5.26696G	38.081M	5.21093G	5.24901G	Inf	1
52.26M	5.20168G	5.25394G	37.841M	5.211049G	5.248891G	Inf	2
57.6M	5.20114G	5.25874G	37.901M	5.21099G	5.248891G	Inf	3
73.86M	5.19388G	5.26774G	37.781M	5.211109G	5.248891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX — EBW

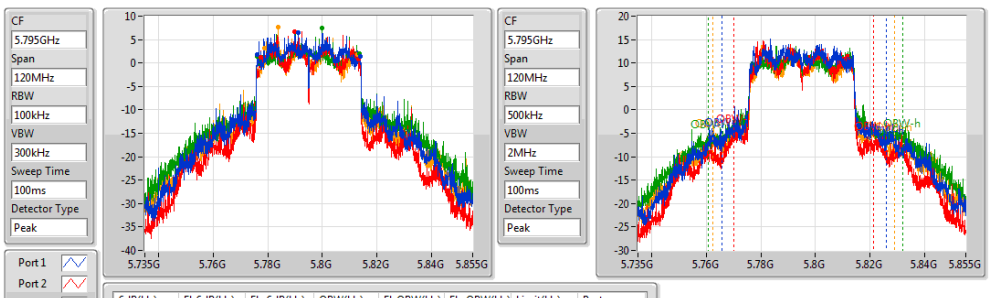
5755MHz 07/02/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.73604G	5.77384G	38.381M	5.73587G	5.77425G	500k	1
36.84M	5.73622G	5.77306G	38.141M	5.73593G	5.77407G	500k	2
32.52M	5.73748G	5.77G	40.48M	5.73527G	5.77575G	500k	3
35.76M	5.73676G	5.77252G	38.621M	5.73581G	5.77443G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX — EBW

5795MHz 07/02/2020

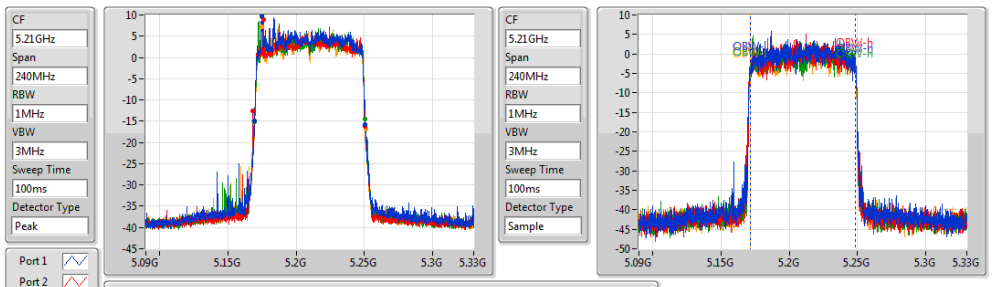


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.77622G	5.81396G	60.15M	5.765915G	5.826064G	500k	1
35.7M	5.77742G	5.81312G	50.915M	5.770172G	5.821087G	500k	2
37.2M	5.77628G	5.81348G	71.424M	5.760637G	5.832061G	500k	3
34.08M	5.77874G	5.81282G	66.507M	5.762496G	5.829003G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5210MHz

16/01/2020

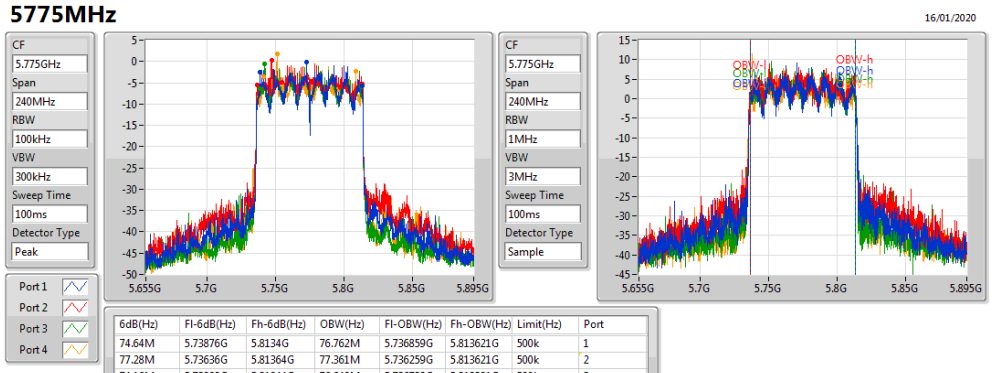


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16944G	5.25068G	76.882M	5.171619G	5.248501G	Inf	1
82.32M	5.16836G	5.25068G	77.121M	5.171379G	5.248501G	Inf	2
80.88M	5.16956G	5.25044G	76.882M	5.171619G	5.248501G	Inf	3
82.32M	5.1686G	5.25092G	76.642M	5.171739G	5.248381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5775MHz

16/01/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.64M	5.73876G	5.8134G	76.762M	5.736859G	5.813621G	500k	1
77.28M	5.73636G	5.81364G	77.361M	5.736259G	5.813621G	500k	2
74.16M	5.73828G	5.81244G	76.642M	5.736739G	5.813381G	500k	3
67.2M	5.74152G	5.80872G	77.121M	5.736259G	5.813381G	500k	4

For non-beamforming mode:

<DBS mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	20.00	0.10000
802.11ax HEW20_Nss1,(MCS0)_8TX	20.78	0.11967
802.11ax HEW40_Nss1,(MCS0)_8TX	23.31	0.21429
802.11ax HEW80_Nss1,(MCS0)_8TX	23.78	0.23878
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	26.17	0.41400
802.11ax HEW20_Nss1,(MCS0)_8TX	26.18	0.41495
802.11ax HEW40_Nss1,(MCS0)_8TX	28.69	0.73961
802.11ax HEW80_Nss1,(MCS0)_8TX	25.13	0.32584

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.72	10.98	11.14	10.51	11.18	10.73	10.83	10.33	10.94	19.87	26.28
5200MHz	Pass	9.72	10.49	11.00	11.01	11.30	11.23	10.89	10.99	10.80	20.00	26.28
5240MHz	Pass	9.72	11.11	11.03	10.58	11.19	10.79	11.24	10.61	10.94	19.97	26.28
5745MHz	Pass	9.70	16.98	18.06	17.51	16.98	16.54	17.57	16.32	16.86	26.17	26.30
5785MHz	Pass	9.70	16.54	18.21	16.90	16.96	17.02	16.95	16.96	17.19	26.15	26.30
5825MHz	Pass	9.70	16.68	17.68	16.85	17.11	17.00	16.85	17.26	16.72	26.06	26.30
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.72	11.68	11.85	11.49	11.85	11.45	11.89	11.35	11.96	20.73	26.28
5200MHz	Pass	9.72	11.78	11.70	11.24	12.04	11.55	12.01	11.62	11.99	20.78	26.28
5240MHz	Pass	9.72	11.29	11.27	11.12	11.51	11.17	11.32	10.87	10.77	20.20	26.28
5745MHz	Pass	9.70	16.64	17.62	16.63	16.45	16.91	16.61	16.82	17.57	25.96	26.30
5785MHz	Pass	9.70	17.37	17.58	16.98	17.33	17.35	16.29	16.89	17.24	26.18	26.30
5825MHz	Pass	9.70	17.34	17.88	16.98	17.41	17.14	16.26	16.95	16.90	26.16	26.30
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.72	14.12	14.04	13.95	14.59	14.27	14.21	14.01	14.07	23.19	29.28
5230MHz	Pass	6.72	14.17	14.37	14.03	14.51	14.21	14.59	14.23	14.06	23.31	29.28
5755MHz	Pass	6.70	18.80	19.87	18.46	19.23	19.18	19.40	18.27	18.67	28.04	29.30
5795MHz	Pass	6.70	19.05	20.88	19.12	20.37	19.64	19.61	19.02	19.21	28.69	29.30
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.72	14.79	14.60	14.60	15.20	14.62	15.04	14.68	14.40	23.78	29.28
5775MHz	Pass	6.70	15.91	15.05	15.83	16.45	16.80	16.68	15.79	16.05	25.13	29.30

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

<SBS mode>
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.33	0.21528
802.11ax HEW20_Nss1,(MCS0)_4TX	23.53	0.22542
802.11ax HEW40_Nss1,(MCS0)_4TX	24.36	0.27290
802.11ax HEW80_Nss1,(MCS0)_4TX	20.60	0.11482
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.42	0.55208
802.11ax HEW20_Nss1,(MCS0)_4TX	27.39	0.54828
802.11ax HEW40_Nss1,(MCS0)_4TX	26.79	0.47753
802.11ax HEW80_Nss1,(MCS0)_4TX	22.89	0.19454

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.19	17.45	17.09	17.26	17.42	23.33	29.81
5200MHz	Pass	6.19	16.92	16.43	16.92	16.84	22.80	29.81
5240MHz	Pass	6.19	17.11	16.45	17.09	17.20	22.99	29.81
5745MHz	Pass	6.70	21.58	21.15	21.12	21.72	27.42	29.30
5785MHz	Pass	6.70	21.45	20.83	20.86	19.90	26.82	29.30
5825MHz	Pass	6.70	21.05	19.97	21.33	21.31	26.97	29.30
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.19	17.08	16.67	17.02	17.01	22.97	29.81
5200MHz	Pass	6.19	17.40	16.94	17.42	17.77	23.41	29.81
5240MHz	Pass	6.19	17.69	16.91	17.60	17.79	23.53	29.81
5745MHz	Pass	6.70	21.58	20.93	21.36	21.59	27.39	29.30
5785MHz	Pass	6.70	21.25	20.66	21.30	20.55	26.97	29.30
5825MHz	Pass	6.70	21.13	20.32	21.37	21.27	27.06	29.30
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.19	14.96	14.67	14.59	14.95	20.82	29.81
5230MHz	Pass	6.19	18.42	17.72	18.59	18.58	24.36	29.81
5755MHz	Pass	6.70	19.73	19.99	19.47	20.36	25.92	29.30
5795MHz	Pass	6.70	20.90	20.63	20.16	21.31	26.79	29.30
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.19	14.50	14.08	14.63	15.07	20.60	29.81
5775MHz	Pass	6.70	17.03	16.45	16.71	17.26	22.89	29.30

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

<Scan Radio>
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.92	0.09817
802.11ac VHT20_Nss1,(MCS0)_1TX	19.96	0.09908
802.11ac VHT40_Nss1,(MCS0)_1TX	17.93	0.06209
802.11ac VHT80_Nss1,(MCS0)_1TX	11.38	0.01374
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.32	0.08551
802.11ac VHT20_Nss1,(MCS0)_1TX	19.22	0.08356
802.11ac VHT40_Nss1,(MCS0)_1TX	18.40	0.06918
802.11ac VHT80_Nss1,(MCS0)_1TX	17.46	0.05572

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	6.27	16.43	16.43	29.73
5200MHz	Pass	6.27	19.92	19.92	29.73
5240MHz	Pass	6.27	18.09	18.09	29.73
5745MHz	Pass	6.27	18.74	18.74	29.73
5785MHz	Pass	6.27	18.77	18.77	29.73
5825MHz	Pass	6.27	19.32	19.32	29.73
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.27	16.50	16.50	29.73
5200MHz	Pass	6.27	19.96	19.96	29.73
5240MHz	Pass	6.27	17.94	17.94	29.73
5745MHz	Pass	6.27	18.63	18.63	29.73
5785MHz	Pass	6.27	18.7	18.70	29.73
5825MHz	Pass	6.27	19.22	19.22	29.73
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.27	12.14	12.14	29.73
5230MHz	Pass	6.27	17.93	17.93	29.73
5755MHz	Pass	6.27	17.96	17.96	29.73
5795MHz	Pass	6.27	18.4	18.40	29.73
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.27	11.38	11.38	29.73
5775MHz	Pass	6.27	17.46	17.46	29.73

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

For beamforming mode:

<DBS mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	24.26	0.26669
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	24.29	0.26853
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	22.72	0.18707
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	24.14	0.25942
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	24.54	0.28445
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	22.95	0.19724

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.66	15.60	15.72	15.28	15.40	15.12	14.98	14.55	14.35	24.18	24.34
5200MHz	Pass	11.66	15.73	15.65	14.91	15.18	15.04	15.40	14.57	15.23	24.26	24.34
5240MHz	Pass	11.66	15.39	15.50	14.95	15.49	15.04	14.84	14.74	14.72	24.13	24.34
5745MHz	Pass	11.41	15.24	15.34	14.77	14.50	14.35	15.17	14.69	14.11	23.82	24.59
5785MHz	Pass	11.41	14.95	15.42	14.68	14.84	15.42	15.82	15.06	14.51	24.14	24.59
5825MHz	Pass	11.41	14.99	15.14	14.66	14.58	15.04	15.25	14.63	14.73	23.92	24.59
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.66	14.55	14.56	14.41	14.59	13.69	14.49	13.82	13.60	23.26	24.34
5230MHz	Pass	11.66	15.41	15.35	15.25	15.46	14.84	15.54	15.06	15.12	24.29	24.34
5755MHz	Pass	11.41	11.03	12.19	10.05	10.72	11.45	12.67	10.49	10.01	20.20	24.59
5795MHz	Pass	11.41	15.05	16.41	14.58	14.70	15.41	16.15	15.61	15.84	24.54	24.59
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.66	13.71	14.15	13.58	13.67	14.06	13.82	13.04	13.37	22.72	24.34
5775MHz	Pass	11.41	13.32	14.57	13.20	13.29	13.76	14.57	14.28	14.11	22.95	24.59

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

<SBS mode>
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.69	0.37068
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.23	0.26485
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.50	0.07079
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.02	0.50350
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.38	0.34514
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.65	0.14622

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.58	15.42	14.92	14.71	14.86	21.01	26.42
5200MHz	Pass	9.58	20.32	20.17	18.50	19.44	25.69	26.42
5240MHz	Pass	9.58	19.23	19.70	18.28	18.82	25.06	26.42
5745MHz	Pass	8.79	21.06	21.04	21.24	20.62	27.02	27.21
5785MHz	Pass	8.79	21.33	20.84	20.05	20.78	26.79	27.21
5825MHz	Pass	8.79	20.60	20.92	20.66	19.90	26.56	27.21
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.58	13.87	13.28	13.33	13.09	19.42	26.42
5230MHz	Pass	9.58	18.83	17.78	18.09	18.07	24.23	26.42
5755MHz	Pass	8.79	19.05	18.78	19.15	18.26	24.84	27.21
5795MHz	Pass	8.79	19.48	19.17	19.60	19.16	25.38	27.21
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.58	12.91	12.48	12.13	12.35	18.50	26.42
5775MHz	Pass	8.79	15.70	16.01	15.75	15.01	21.65	27.21

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

For non-beamforming mode:

<DBS mode>

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_8TX	7.23
802.11ax HEW20_Nss1,(MCS0)_8TX	7.23
802.11ax HEW40_Nss1,(MCS0)_8TX	7.14
802.11ax HEW80_Nss1,(MCS0)_8TX	4.56
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_8TX	12.33
802.11ax HEW20_Nss1,(MCS0)_8TX	11.61
802.11ax HEW40_Nss1,(MCS0)_8TX	11.21
802.11ax HEW80_Nss1,(MCS0)_8TX	4.83

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

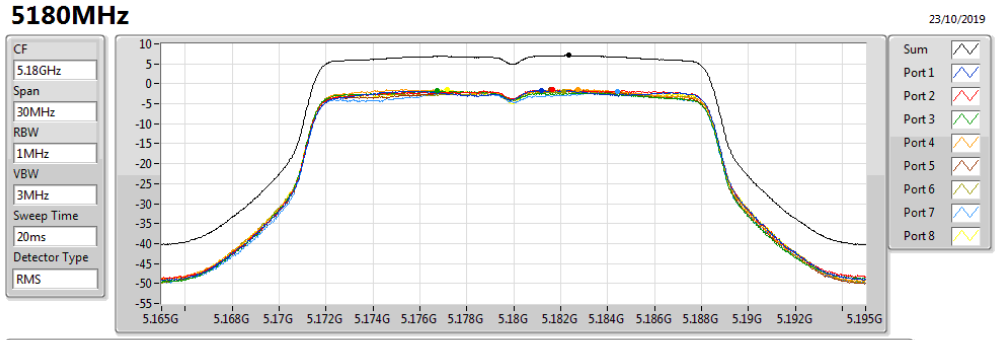
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	15.75	-1.62	-1.48	-1.69	-1.32	-1.50	-1.86	-1.97	-1.45	7.14	7.25
5200MHz	Pass	15.75	-1.56	-2.10	-1.54	-1.34	-0.99	-1.48	-1.53	-1.58	7.23	7.25
5240MHz	Pass	15.75	-1.31	-1.62	-2.32	-1.33	-1.47	-1.15	-1.81	-1.22	7.03	7.25
5745MHz	Pass	15.73	4.94	4.35	4.10	3.74	4.71	3.93	3.75	3.51	12.33	20.27
5785MHz	Pass	15.73	4.01	4.21	3.40	3.72	4.25	4.51	4.83	3.85	12.00	20.27
5825MHz	Pass	15.73	4.11	4.19	3.72	4.21	4.36	4.10	4.39	3.79	11.86	20.27
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	15.75	-1.66	-1.22	-1.75	-1.17	-1.56	-1.28	-1.58	-1.51	7.20	7.25
5200MHz	Pass	15.75	-1.47	-1.54	-1.91	-0.96	-1.59	-1.09	-1.39	-1.41	7.23	7.25
5240MHz	Pass	15.75	-1.93	-1.75	-2.21	-1.55	-1.65	-1.57	-2.58	-2.34	6.89	7.25
5745MHz	Pass	15.73	3.73	3.23	3.00	3.57	3.70	3.41	4.09	3.45	11.46	20.27
5785MHz	Pass	15.73	4.18	4.48	3.71	4.00	3.71	3.65	3.33	3.18	11.61	20.27
5825MHz	Pass	15.73	4.30	3.68	4.31	3.50	3.53	3.83	3.18	3.14	11.32	20.27
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	15.75	-1.60	-2.01	-1.88	-1.30	-1.41	-1.45	-1.83	-2.17	6.91	7.25
5230MHz	Pass	15.75	-1.69	-1.35	-1.81	-1.09	-1.53	-1.44	-1.36	-1.91	7.14	7.25
5755MHz	Pass	15.73	2.77	3.01	2.09	2.66	3.03	2.71	2.66	1.86	10.80	20.27
5795MHz	Pass	15.73	2.97	3.99	2.08	3.65	3.21	2.52	3.09	2.17	11.21	20.27
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	15.75	-4.04	-3.96	-4.44	-3.66	-4.14	-3.80	-3.84	-4.58	4.56	7.25
5775MHz	Pass	15.73	-3.08	-2.98	-3.70	-3.04	-2.82	-3.22	-2.69	-4.11	4.83	20.27

DG = Directional Gain; For UNII-1, UNII-2A and UNII-2C, **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_8TX **PSD**

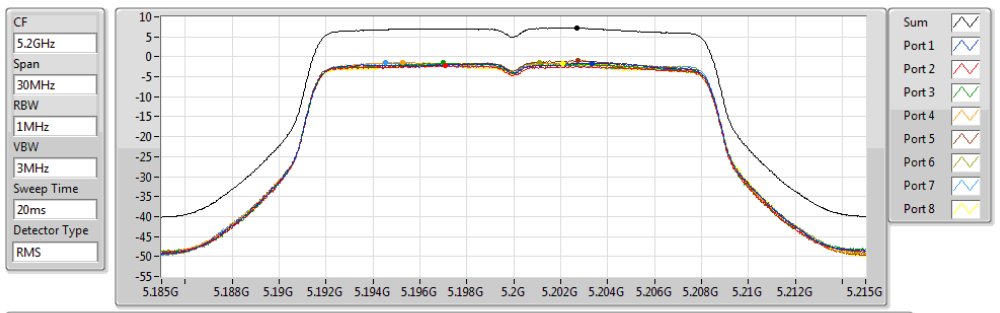
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	-1.62	-1.48	-1.69	-1.32	-1.50	-1.86	-1.97	-1.45

802.11a_Nss1,(6Mbps)_8TX **PSD**

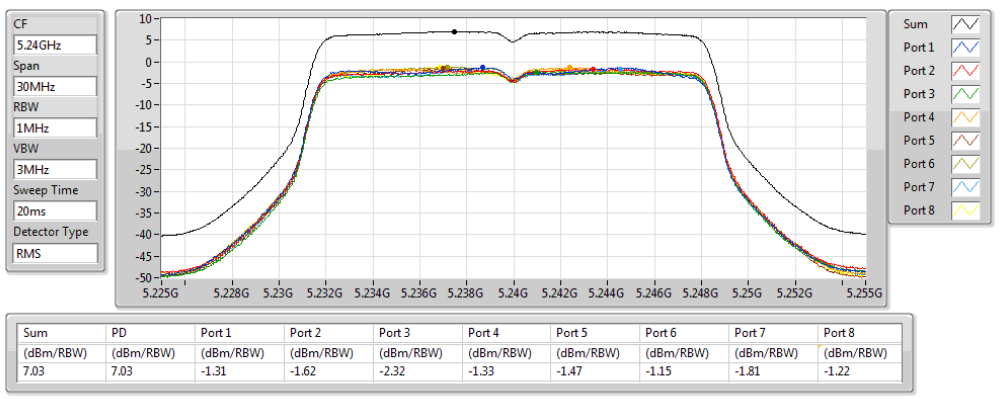
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	-1.56	-2.10	-1.54	-1.34	-0.99	-1.48	-1.53	-1.58

802.11a_Nss1,(6Mbps)_8TX **PSD**

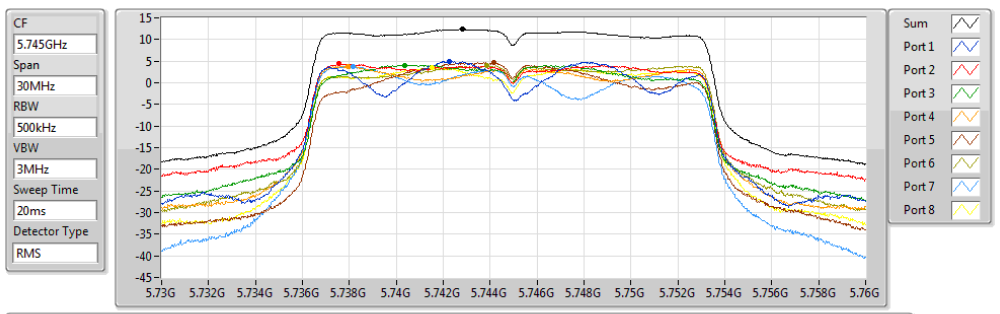
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	-1.31	-1.62	-2.32	-1.33	-1.47	-1.15	-1.81	-1.22

802.11a_Nss1,(6Mbps)_8TX **PSD**

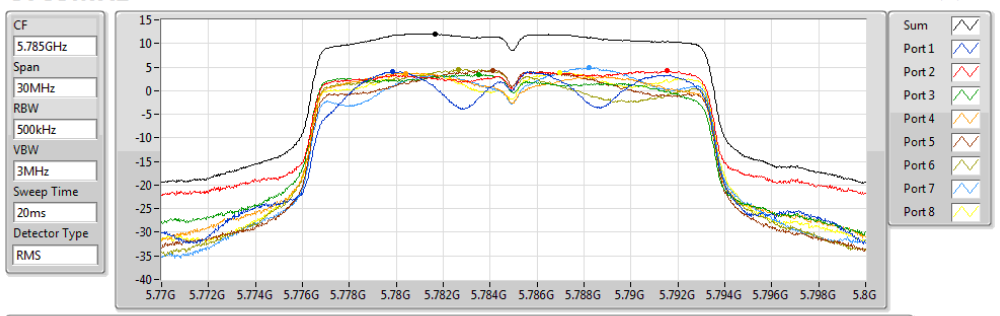
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.33	12.33	4.94	4.35	4.10	3.74	4.71	3.93	3.75	3.51

802.11a_Nss1,(6Mbps)_8TX **PSD**

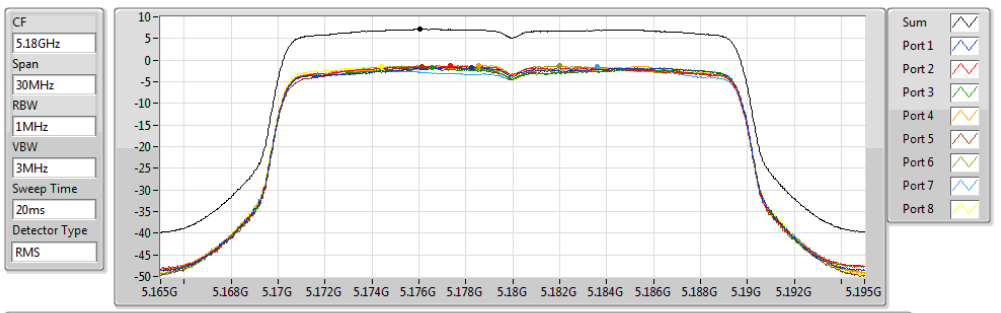
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.00	12.00	4.01	4.21	3.40	3.72	4.25	4.51	4.83	3.85

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

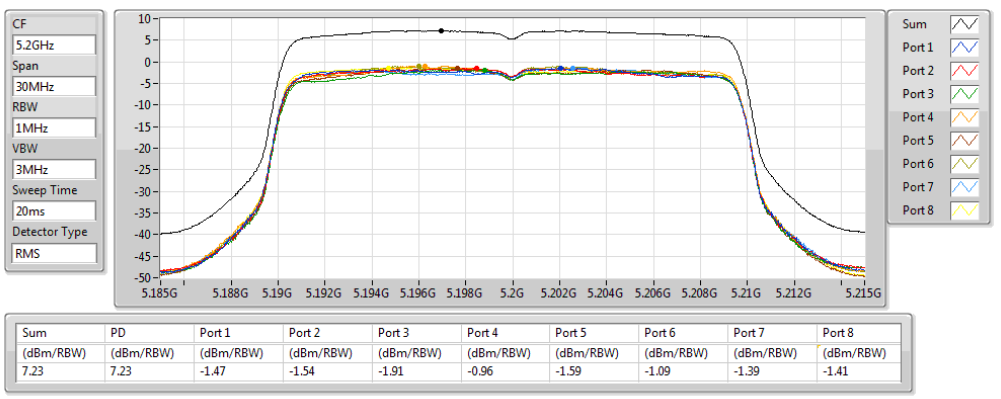
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	-1.66	-1.22	-1.75	-1.17	-1.56	-1.28	-1.58	-1.51

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

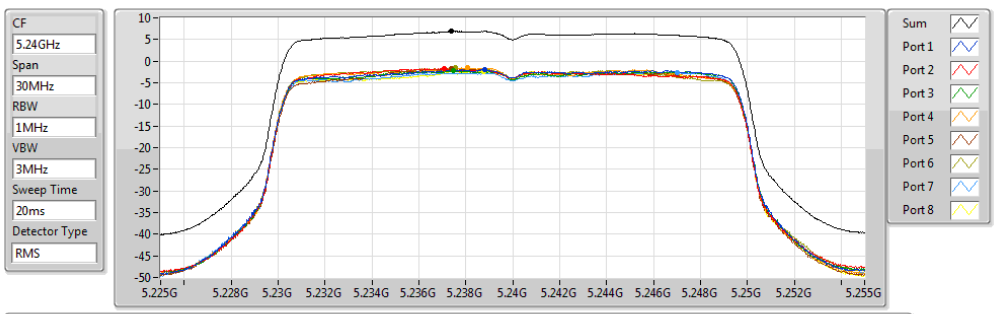
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	-1.47	-1.54	-1.91	-0.96	-1.59	-1.09	-1.39	-1.41

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

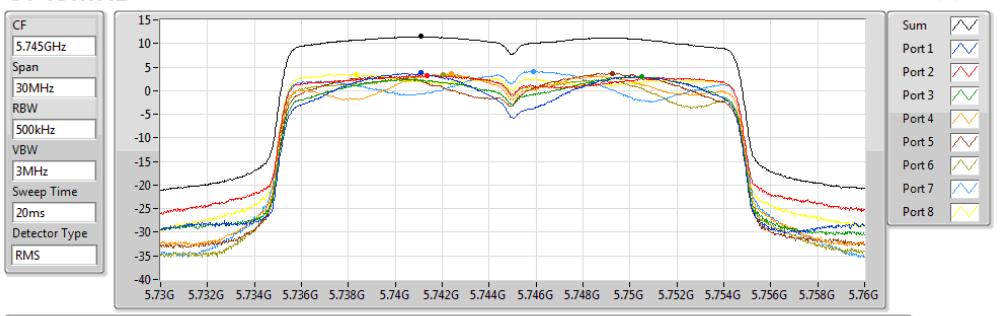
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.89	6.89	-1.93	-1.75	-2.21	-1.55	-1.65	-1.57	-2.58	-2.34

802.11ax HEW20_Nss1,(MCS0)_8TX **PSD**

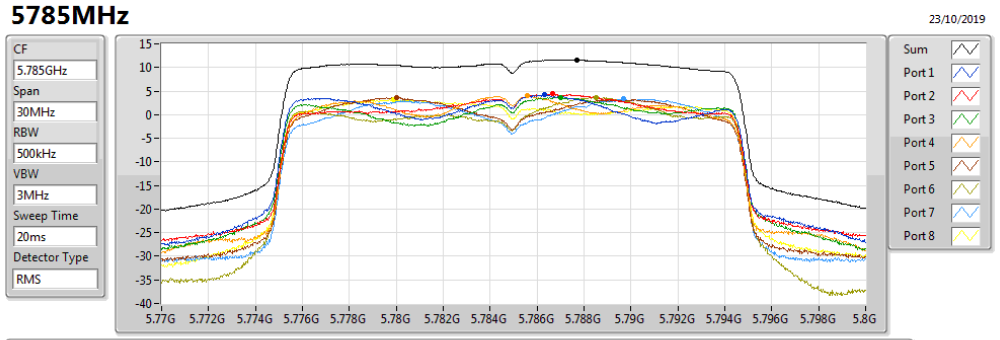
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.46	11.46	3.73	3.23	3.00	3.57	3.70	3.41	4.09	3.45

802.11ax HEW20_Nss1,(MCS0)_8TX PSD

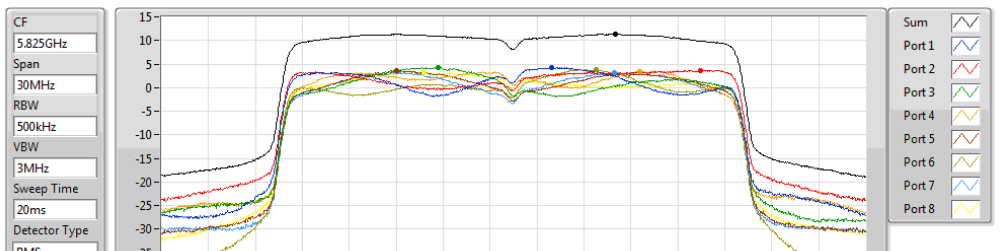
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.61	11.61	4.18	4.48	3.71	4.00	3.71	3.65	3.33	3.18

802.11ax HEW20_Nss1,(MCS0)_8TX PSD

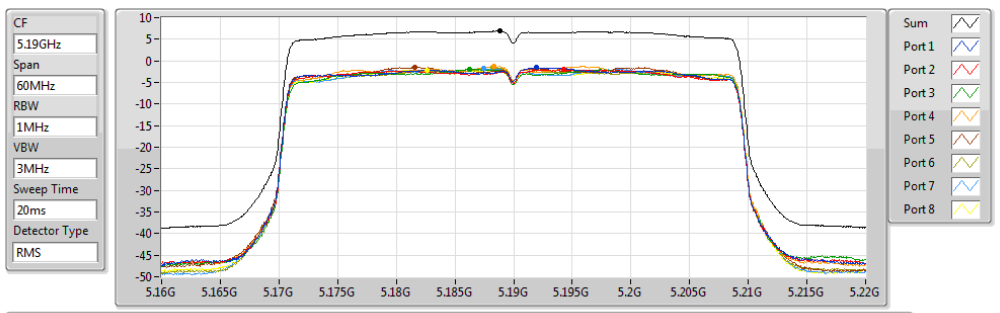
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.32	11.32	4.30	3.68	4.31	3.50	3.53	3.83	3.18	3.14

802.11ax HEW40_Nss1,(MCS0)_8TX PSD

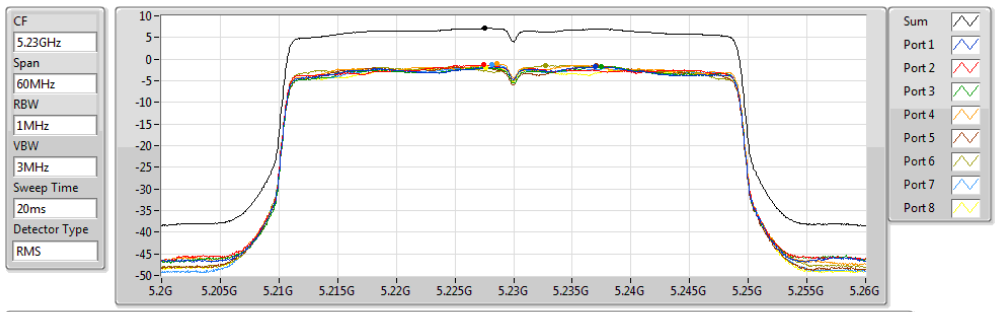
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	-1.60	-2.01	-1.88	-1.30	-1.41	-1.45	-1.83	-2.17

802.11ax HEW40_Nss1,(MCS0)_8TX PSD

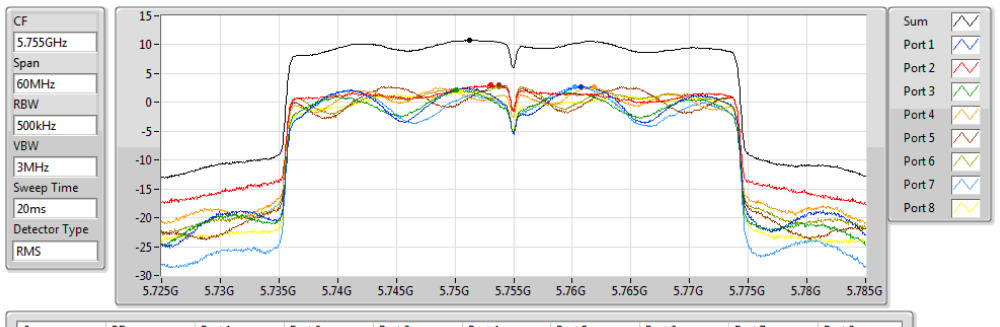
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	-1.69	-1.35	-1.81	-1.09	-1.53	-1.44	-1.36	-1.91

802.11ax HEW40_Nss1,(MCS0)_8TX PSD

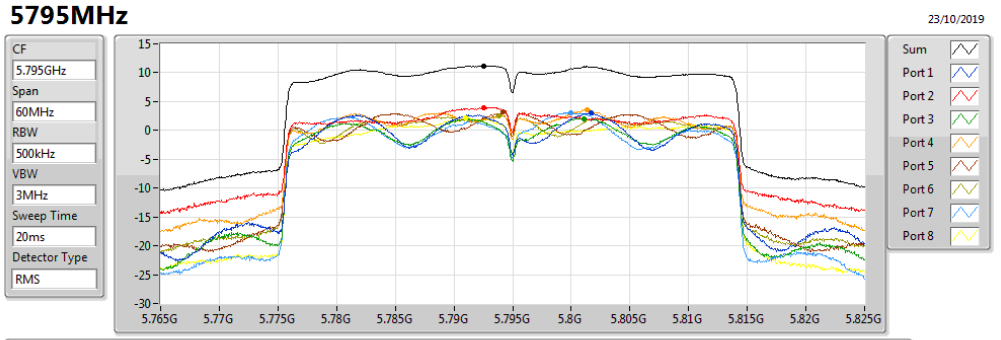
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	2.77	3.01	2.09	2.66	3.03	2.71	2.66	1.86

802.11ax HEW40_Nss1,(MCS0)_8TX PSD

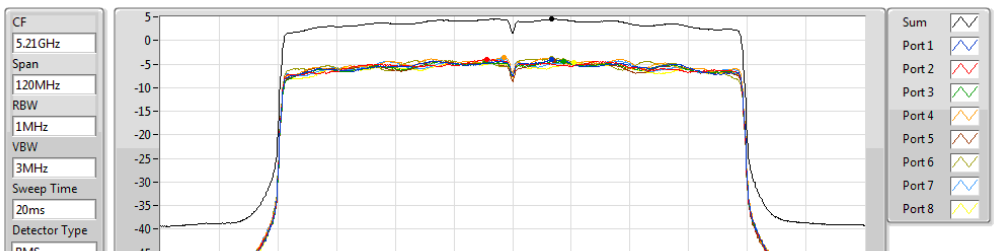
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.21	11.21	2.97	3.99	2.08	3.65	3.21	2.52	3.09	2.17

802.11ax HEW80_Nss1,(MCS0)_8TX PSD

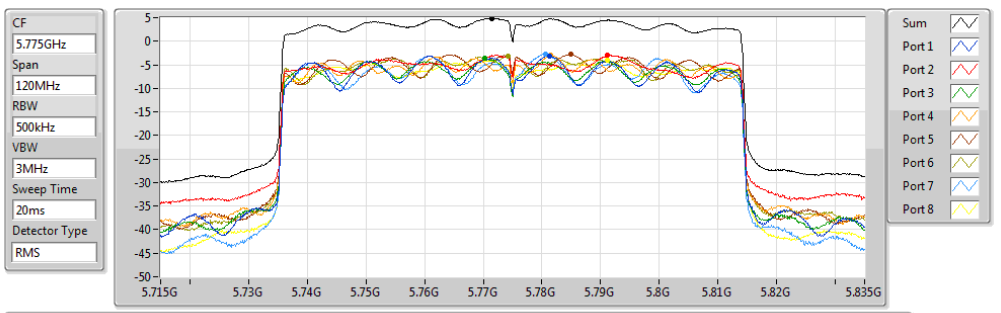
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	-4.04	-3.96	-4.44	-3.66	-4.14	-3.80	-3.84	-4.58

802.11ax HEW80_Nss1,(MCS0)_8TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.83	4.83	-3.08	-2.98	-3.70	-3.04	-2.82	-3.22	-2.69	-4.11

<SBS mode>
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.74
802.11ax HEW20_Nss1,(MCS0)_4TX	10.55
802.11ax HEW40_Nss1,(MCS0)_4TX	8.54
802.11ax HEW80_Nss1,(MCS0)_4TX	1.97
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.88
802.11ax HEW20_Nss1,(MCS0)_4TX	13.12
802.11ax HEW40_Nss1,(MCS0)_4TX	9.71
802.11ax HEW80_Nss1,(MCS0)_4TX	3.33

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

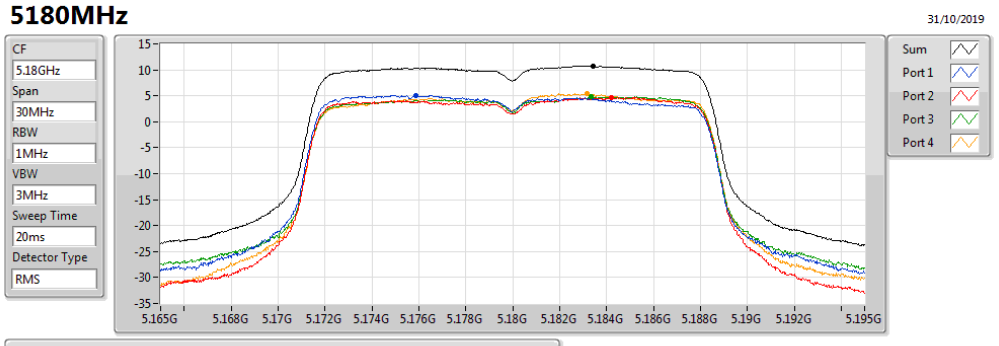
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.21	5.10	4.68	4.79	5.35	10.72	10.79
5200MHz	Pass	12.21	4.57	4.33	4.69	4.75	10.31	10.79
5240MHz	Pass	12.21	5.31	4.51	4.86	5.24	10.74	10.79
5745MHz	Pass	12.72	8.28	7.67	7.76	8.54	13.88	23.28
5785MHz	Pass	12.72	8.09	7.24	8.32	8.13	13.05	23.28
5825MHz	Pass	12.72	8.13	6.42	7.77	7.76	12.88	23.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.21	4.13	4.13	4.09	4.30	9.98	10.79
5200MHz	Pass	12.21	5.00	4.39	5.01	5.02	10.47	10.79
5240MHz	Pass	12.21	5.31	4.11	5.26	4.89	10.55	10.79
5745MHz	Pass	12.72	7.65	6.37	7.27	7.73	13.12	23.28
5785MHz	Pass	12.72	7.45	5.80	7.91	7.16	12.14	23.28
5825MHz	Pass	12.72	7.46	5.87	7.06	7.46	12.82	23.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.21	-0.43	-0.74	-0.94	-0.49	5.20	10.79
5230MHz	Pass	12.21	3.15	2.41	2.92	3.30	8.54	10.79
5755MHz	Pass	12.72	3.41	3.03	2.80	3.74	8.88	23.28
5795MHz	Pass	12.72	4.33	3.95	3.64	4.56	9.71	23.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.21	-3.61	-4.27	-3.45	-3.27	1.97	10.79
5775MHz	Pass	12.72	-1.82	-2.75	-2.41	-1.91	3.33	23.28

DG = Directional Gain; For UNII-1, UNII-2A and UNII-2C, **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX **PSD**

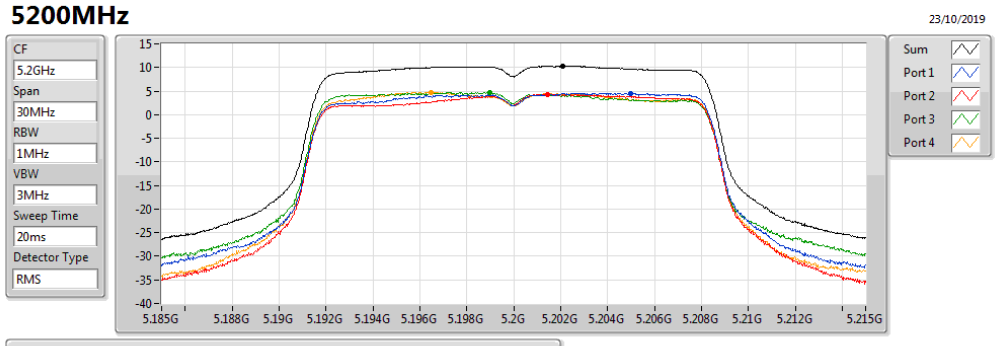
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	5.10	4.68	4.79	5.35

802.11a_Nss1,(6Mbps)_4TX **PSD**

5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.31	10.31	4.57	4.33	4.69	4.75

802.11a_Nss1,(6Mbps)_4TX **PSD**

5240MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	5.31	4.51	4.86	5.24

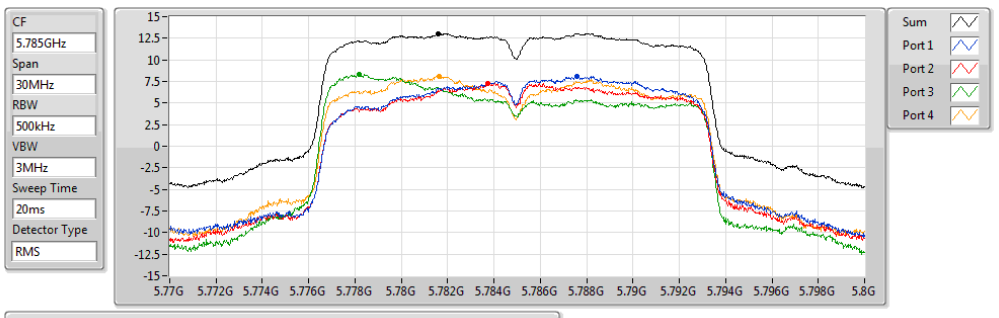
802.11a_Nss1,(6Mbps)_4TX **PSD**

5745MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.88	13.88	8.28	7.67	7.76	8.54

802.11a_Nss1,(6Mbps)_4TX **PSD**

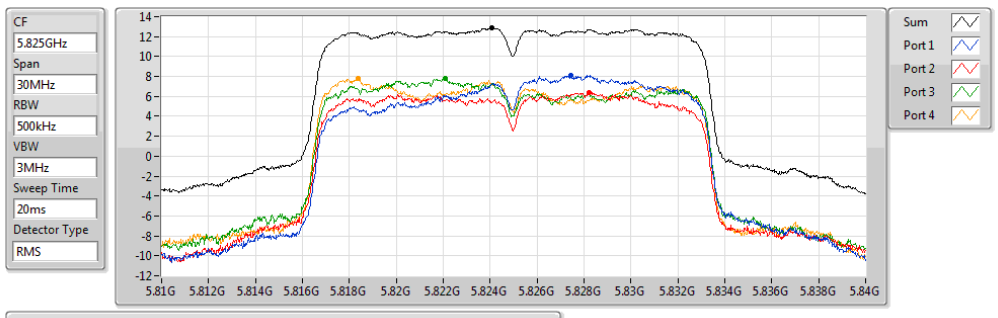
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.05	13.05	8.09	7.24	8.32	8.13

802.11a_Nss1,(6Mbps)_4TX **PSD**

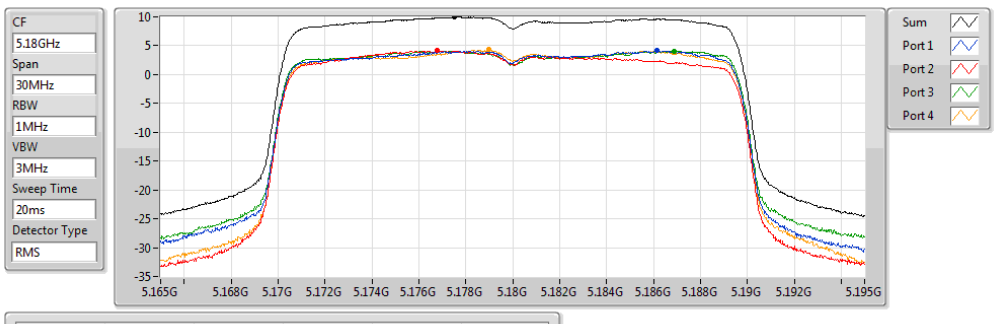
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.88	12.88	8.13	6.42	7.77	7.76

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

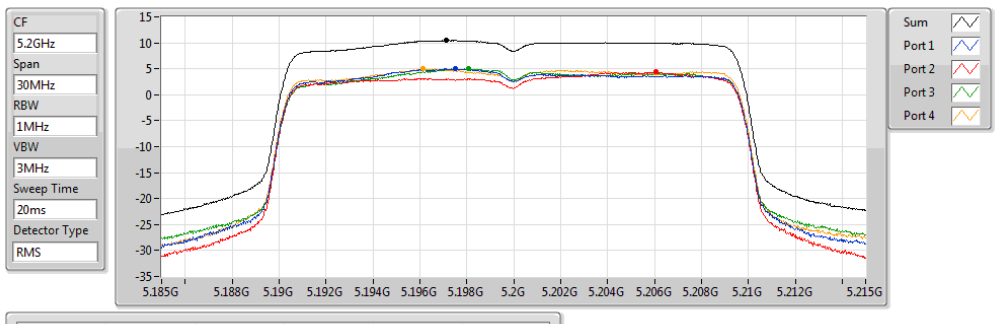
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.98	9.98	4.13	4.13	4.09	4.30

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

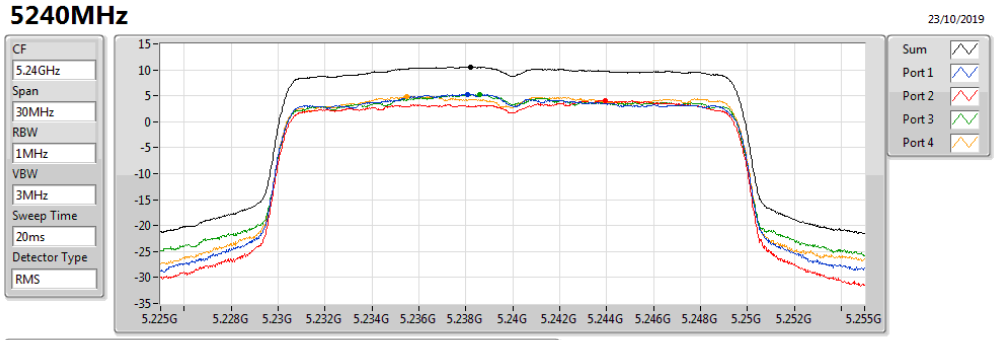
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.47	10.47	5.00	4.39	5.01	5.02

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

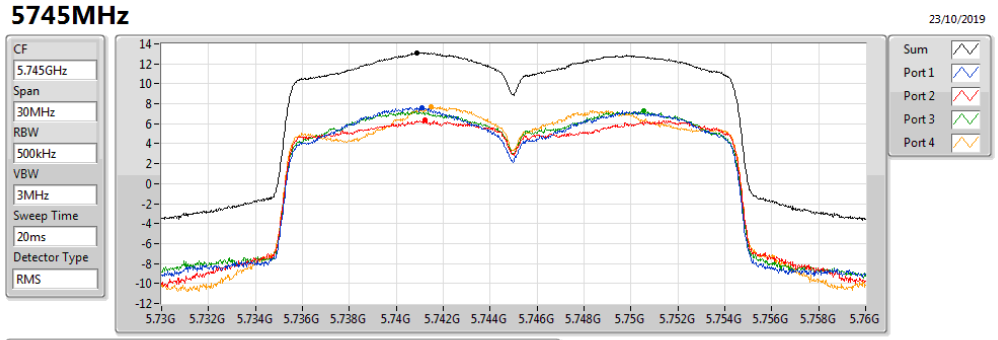
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	5.31	4.11	5.26	4.89

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

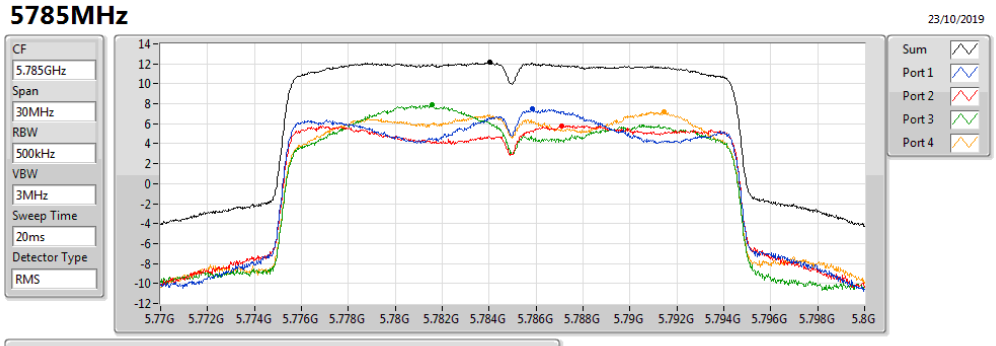
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.12	13.12	7.65	6.37	7.27	7.73

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

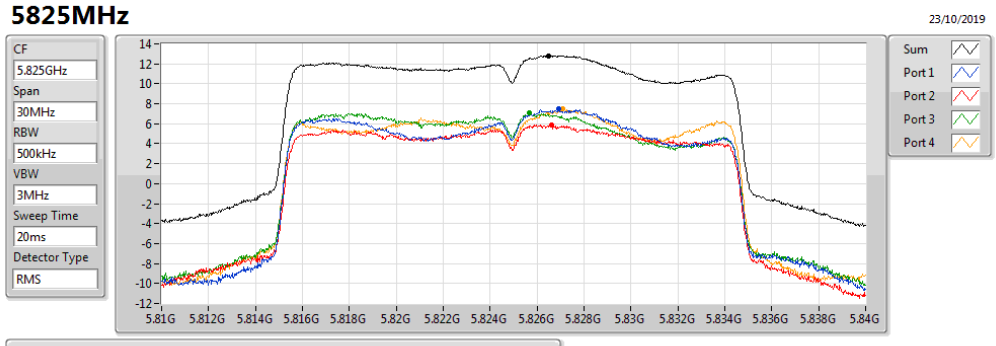
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.14	12.14	7.45	5.80	7.91	7.16

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.82	12.82	7.46	5.87	7.06	7.46

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5190MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	-0.43	-0.74	-0.94	-0.49

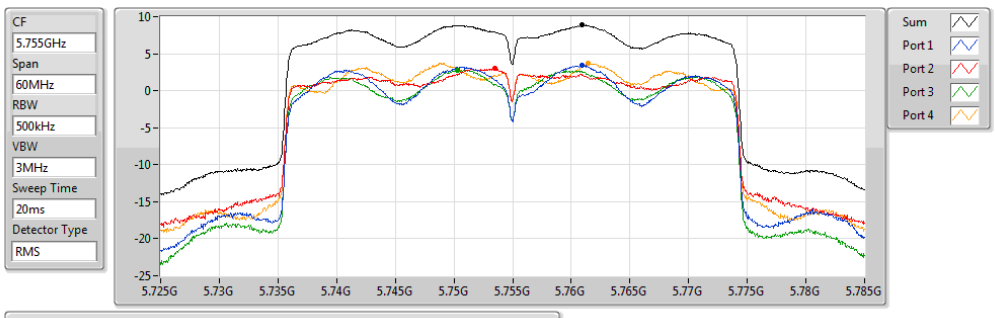
802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5230MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.54	8.54	3.15	2.41	2.92	3.30

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

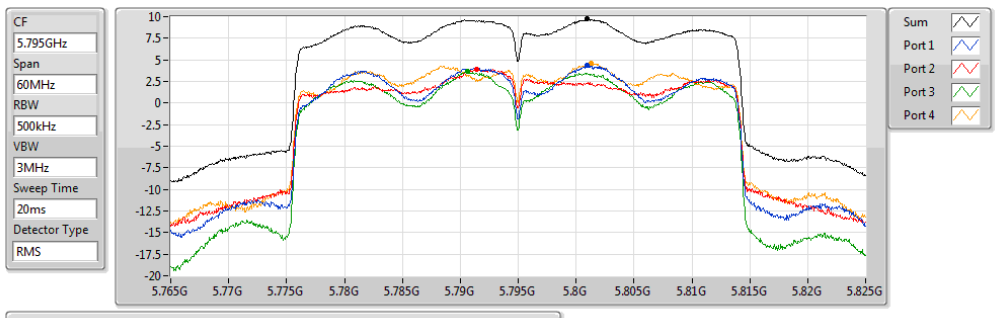
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.88	8.88	3.41	3.03	2.80	3.74

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.71	9.71	4.33	3.95	3.64	4.56

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.97	1.97	-3.61	-4.27	-3.45	-3.27

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.33	3.33	-1.82	-2.75	-2.41	-1.91

<Scan Radio>
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.76
802.11ac VHT20_Nss1,(MCS0)_1TX	6.56
802.11ac VHT40_Nss1,(MCS0)_1TX	1.81
802.11ac VHT80_Nss1,(MCS0)_1TX	-7.50
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.1
802.11ac VHT20_Nss1,(MCS0)_1TX	3.94
802.11ac VHT40_Nss1,(MCS0)_1TX	0.6
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.04

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

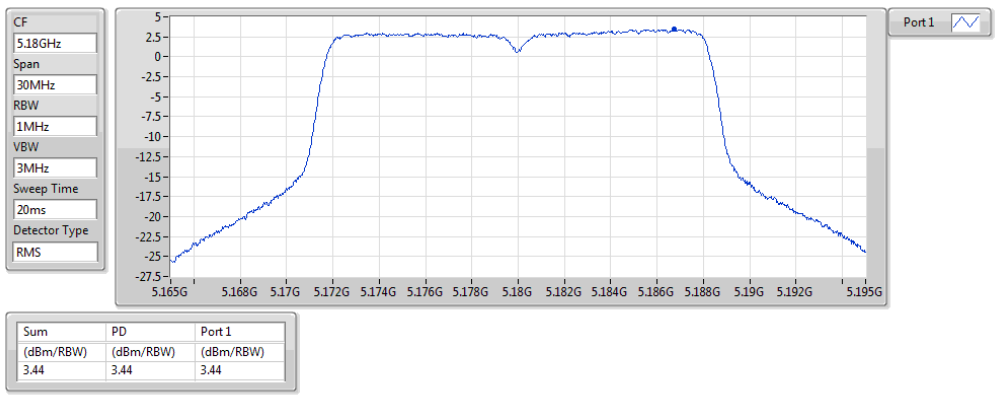
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	6.27	3.44	3.44	16.73
5200MHz	Pass	6.27	6.76	6.76	16.73
5240MHz	Pass	6.27	4.95	4.95	16.73
5745MHz	Pass	6.27	3.75	3.75	29.73
5785MHz	Pass	6.27	3.69	3.69	29.73
5825MHz	Pass	6.27	4.1	4.10	29.73
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.27	3.10	3.10	16.73
5200MHz	Pass	6.27	6.56	6.56	16.73
5240MHz	Pass	6.27	4.62	4.62	16.73
5745MHz	Pass	6.27	3.4	3.40	29.73
5785MHz	Pass	6.27	3.51	3.51	29.73
5825MHz	Pass	6.27	3.94	3.94	29.73
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.27	-3.98	-3.98	16.73
5230MHz	Pass	6.27	1.81	1.81	16.73
5755MHz	Pass	6.27	0.21	0.21	29.73
5795MHz	Pass	6.27	0.6	0.60	29.73
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.27	-7.50	-7.50	16.73
5775MHz	Pass	6.27	-3.04	-3.04	29.73

DG = Directional Gain; For UNII-1, UNII-2A and UNII-2C, **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX **PSD**

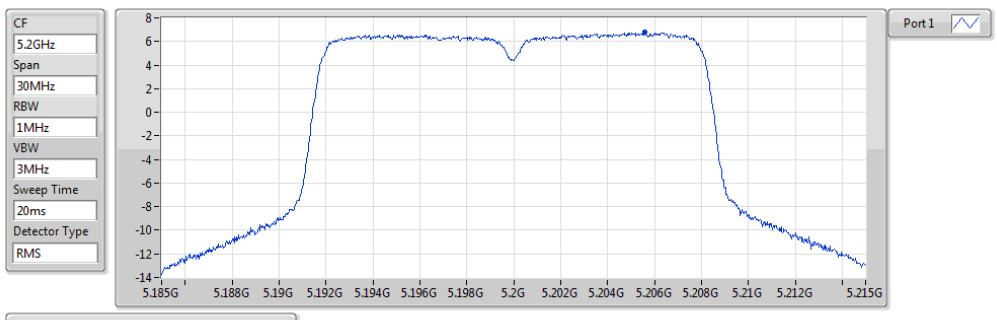
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.44	3.44	3.44

802.11a_Nss1,(6Mbps)_1TX **PSD**

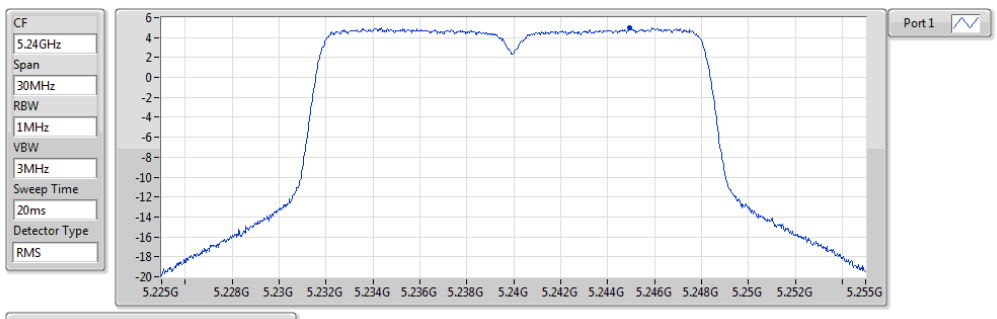
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.76	6.76	6.76

802.11a_Nss1,(6Mbps)_1TX **PSD**

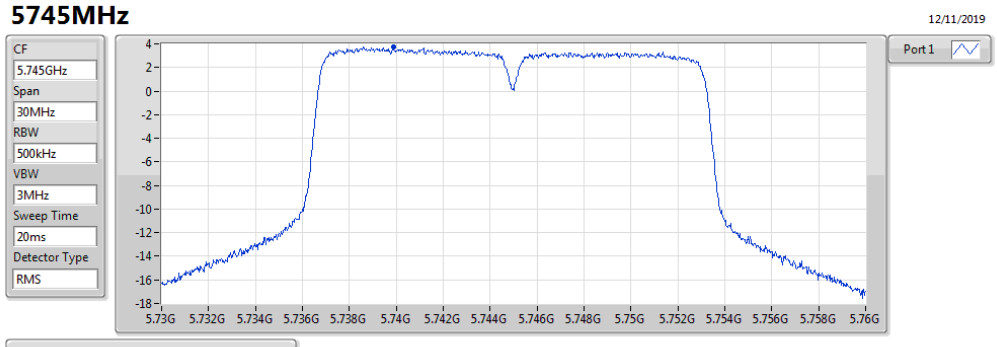
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.95	4.95	4.95

802.11a_Nss1,(6Mbps)_1TX **PSD**

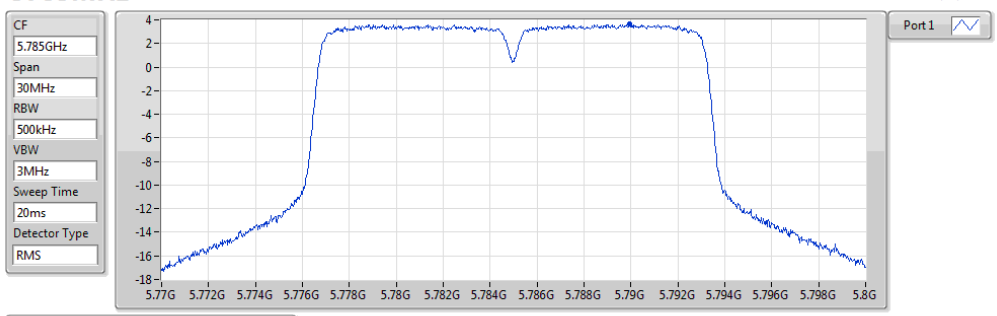
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.75	3.75	3.75

802.11a_Nss1,(6Mbps)_1TX **PSD**

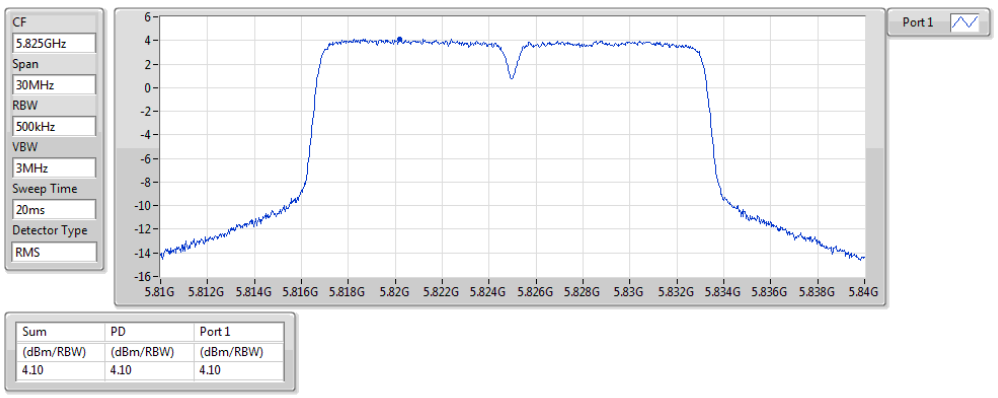
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.69	3.69	3.69

802.11a_Nss1,(6Mbps)_1TX **PSD**

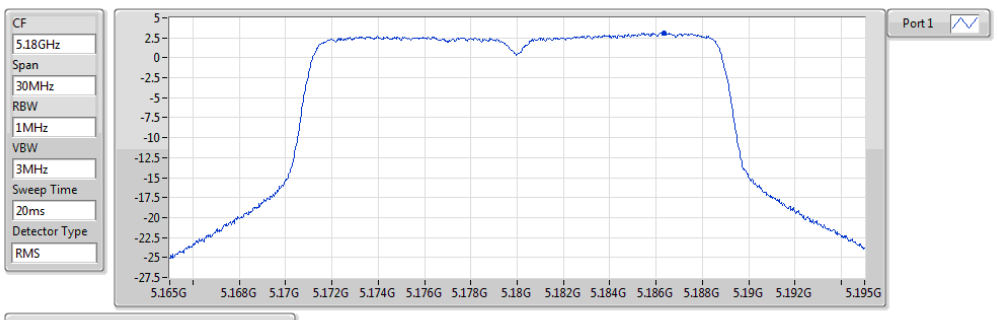
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.10	4.10	4.10

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

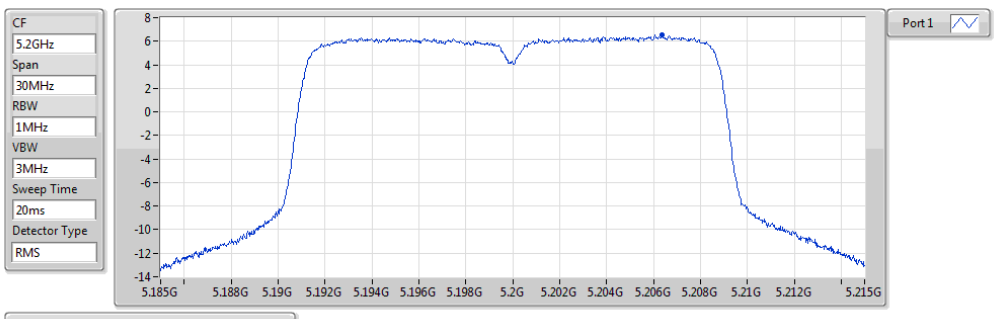
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.10	3.10	3.10

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

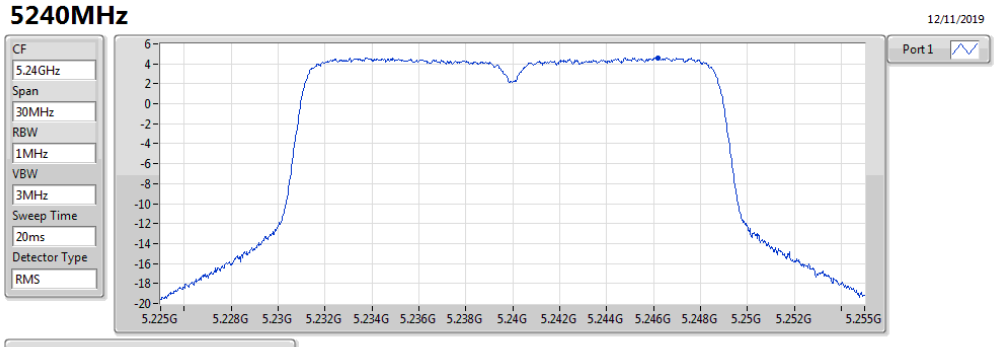
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	6.56

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

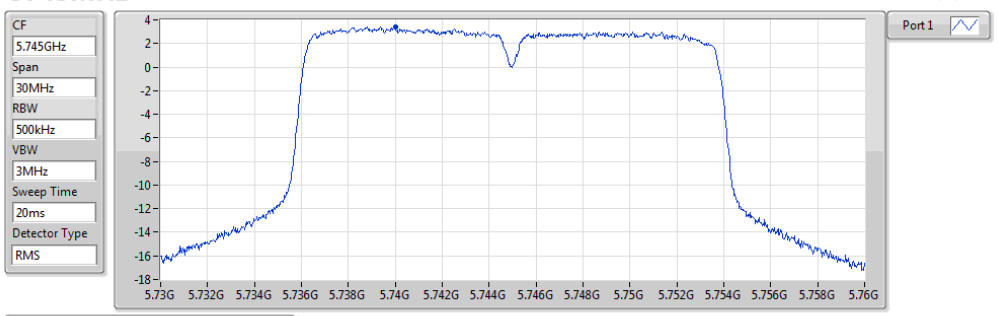
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	4.62

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

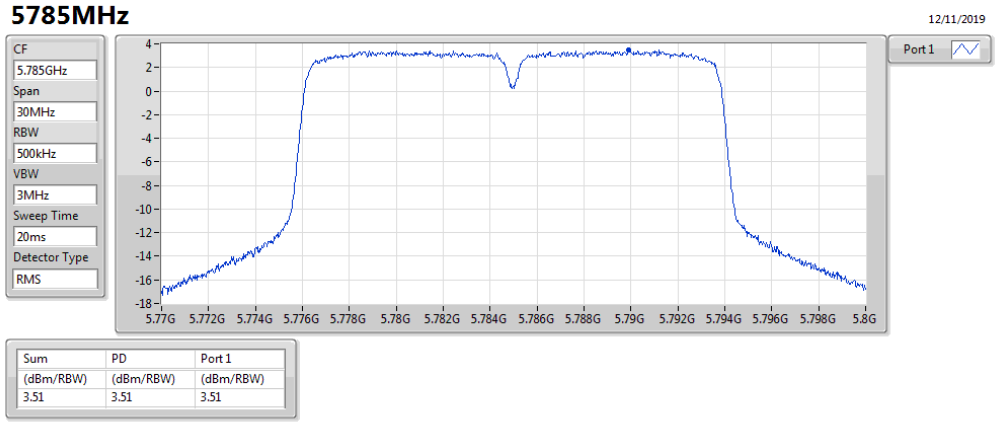
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	3.40

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

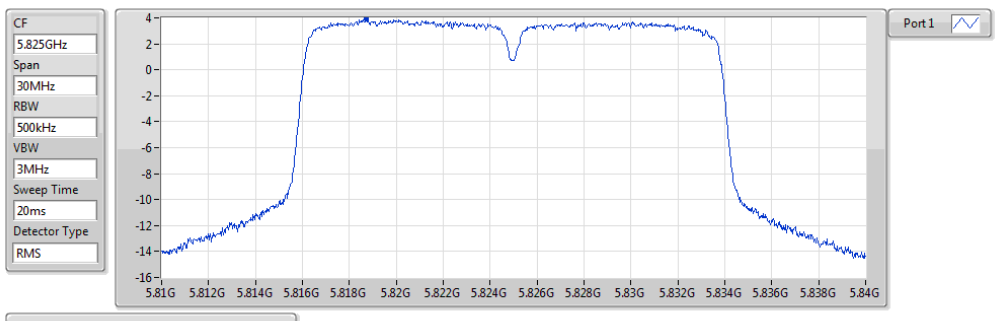
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	3.51

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

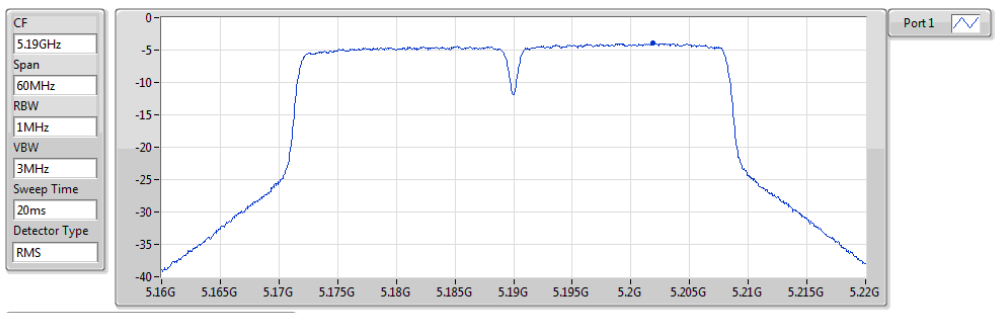
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.94	3.94	3.94

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

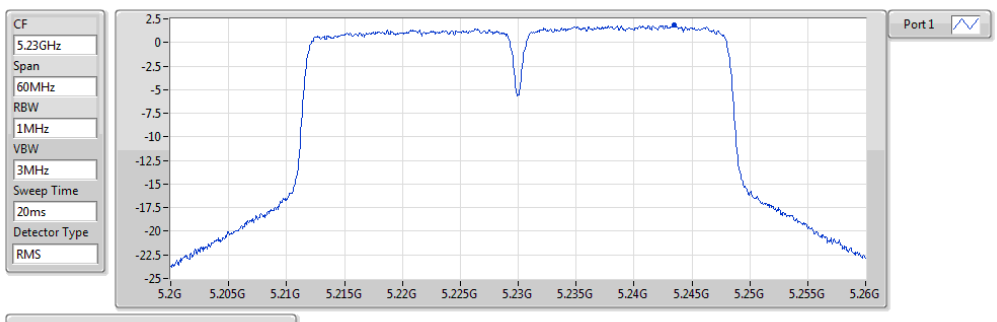
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.98	-3.98	-3.98

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

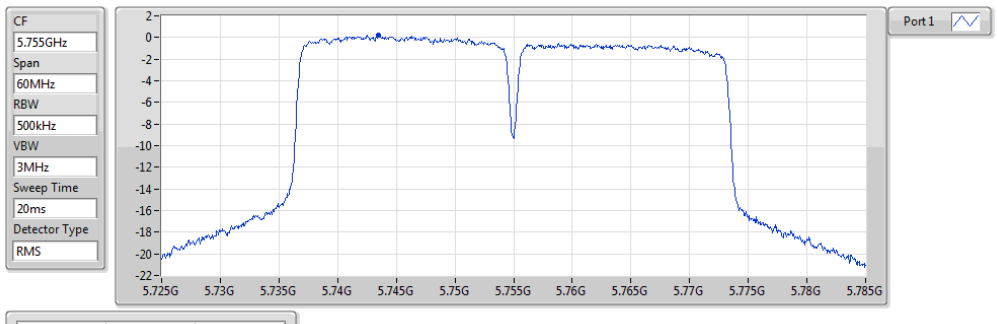
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81	1.81

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

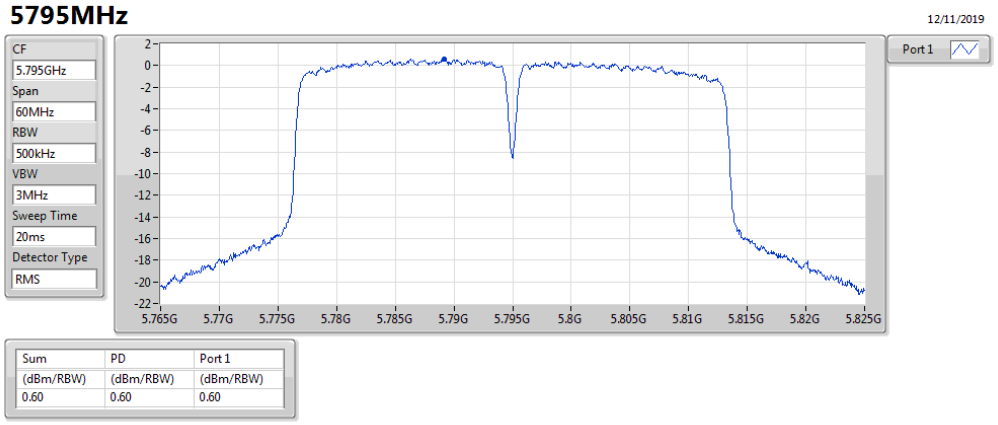
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.21	0.21	0.21

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

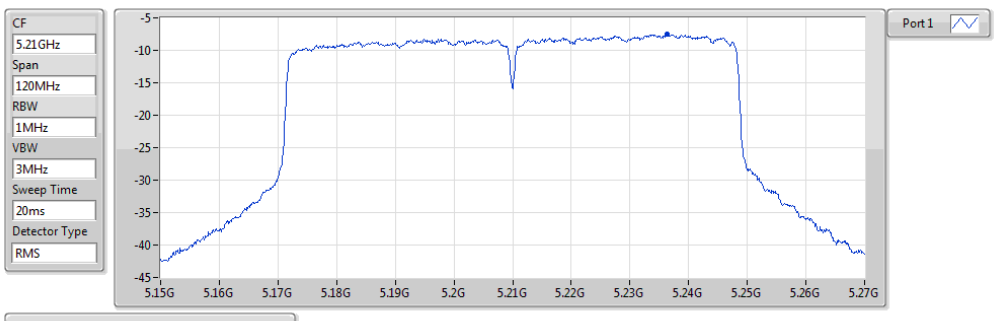
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.60	0.60	0.60

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

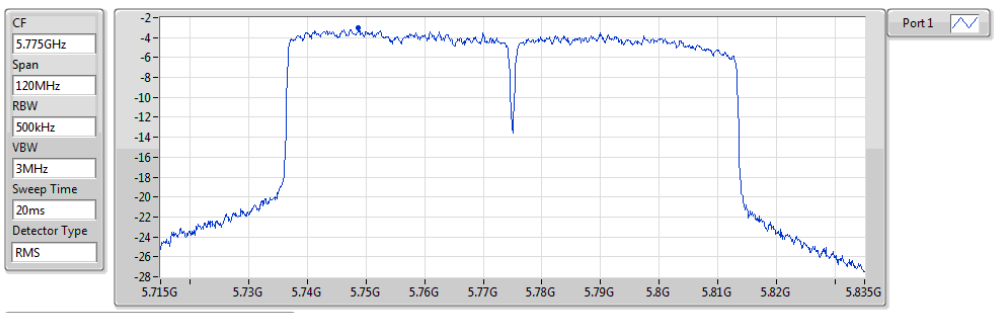
5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.50	-7.50	-7.50

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5775MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.04	-3.04	-3.04

For beamforming mode:

<DBS mode>

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	11.32
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	7.99
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	4.01
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	10.31
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	7.21
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	3.27

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

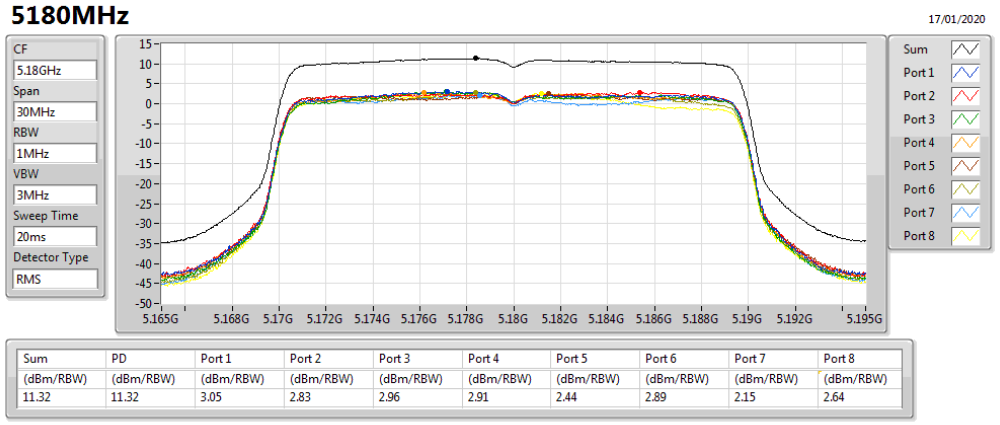
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.66	3.05	2.83	2.96	2.91	2.44	2.89	2.15	2.64	11.32	11.34
5200MHz	Pass	11.66	3.23	3.11	2.91	2.89	2.51	2.78	2.56	2.84	11.28	11.34
5240MHz	Pass	11.66	2.75	2.72	2.61	2.93	3.09	2.39	2.84	2.74	11.30	11.34
5745MHz	Pass	11.41	2.09	2.64	1.98	1.86	1.76	1.84	1.64	-0.12	10.01	24.59
5785MHz	Pass	11.41	2.26	2.11	1.43	1.93	2.45	2.51	2.72	0.42	10.31	24.59
5825MHz	Pass	11.41	1.91	2.20	2.06	1.30	2.11	1.82	2.88	0.51	9.61	24.59
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.66	-1.38	-1.11	-1.49	-1.18	-1.22	-1.33	-1.34	-1.38	7.06	11.34
5230MHz	Pass	11.66	-0.56	-0.22	-0.39	-0.17	0.05	-0.19	-0.34	-0.19	7.99	11.34
5755MHz	Pass	11.41	-5.04	-4.95	-5.70	-5.48	-4.54	-3.96	-4.37	-7.16	3.09	24.59
5795MHz	Pass	11.41	-0.95	0.10	-1.46	-1.68	-0.63	0.13	0.11	-1.68	7.21	24.59
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.66	-4.37	-4.44	-4.88	-4.04	-4.22	-4.02	-4.56	-4.11	4.01	11.34
5775MHz	Pass	11.41	-4.71	-4.13	-5.37	-5.32	-4.18	-3.61	-3.74	-6.06	3.27	24.59

DG = Directional Gain; For UNII-1, UNII-2A and UNII-2C, **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

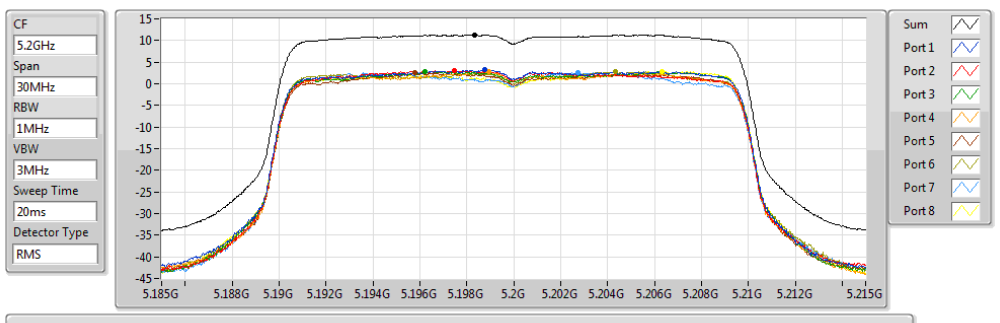
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.32	11.32	3.05	2.83	2.96	2.91	2.44	2.89	2.15	2.64

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

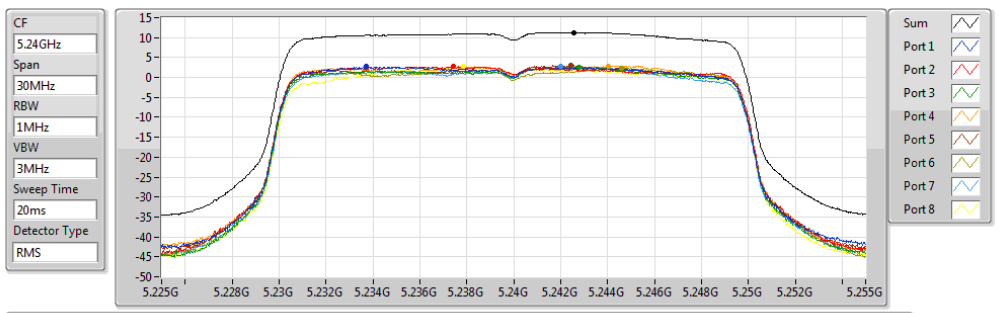
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.28	11.28	3.23	3.11	2.91	2.89	2.51	2.78	2.56	2.84

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

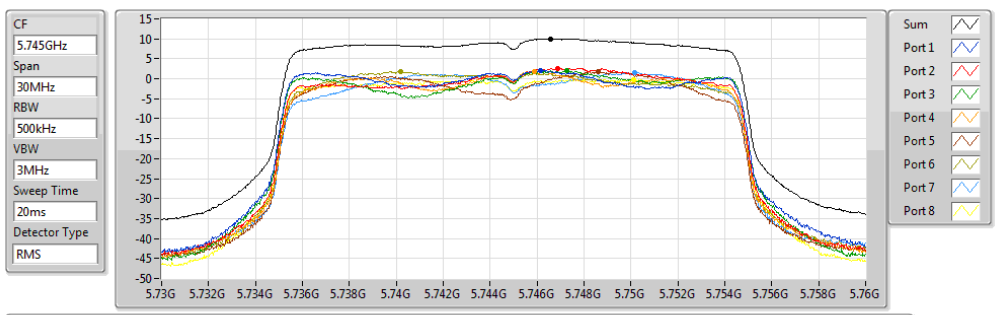
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.30	11.30	2.75	2.72	2.61	2.93	3.09	2.39	2.84	2.74

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

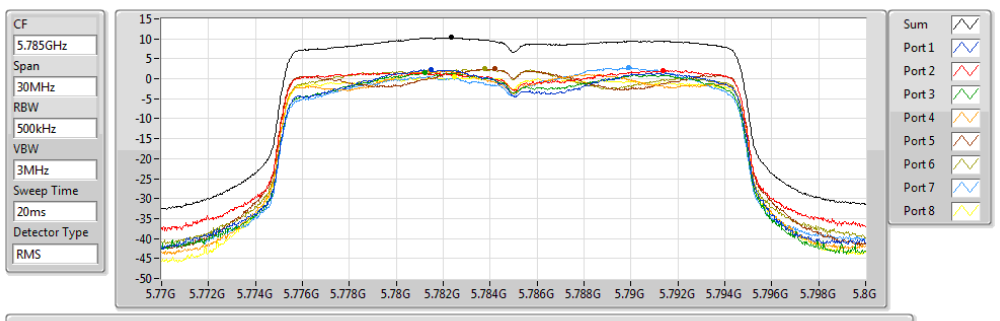
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.01	10.01	2.09	2.64	1.98	1.86	1.76	1.84	1.64	-0.12

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

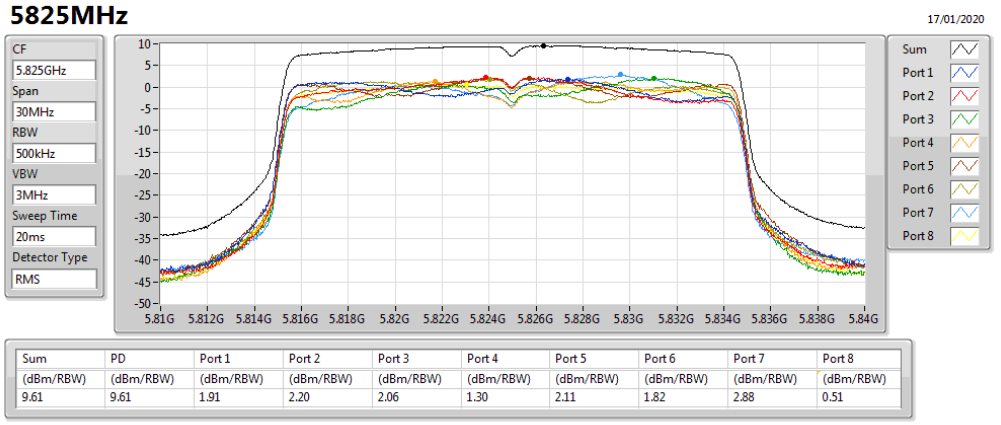
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.31	10.31	2.26	2.11	1.43	1.93	2.45	2.51	2.72	0.42

802.11ax HEW20-BF_Nss1,(MCS0)_8TX **PSD**

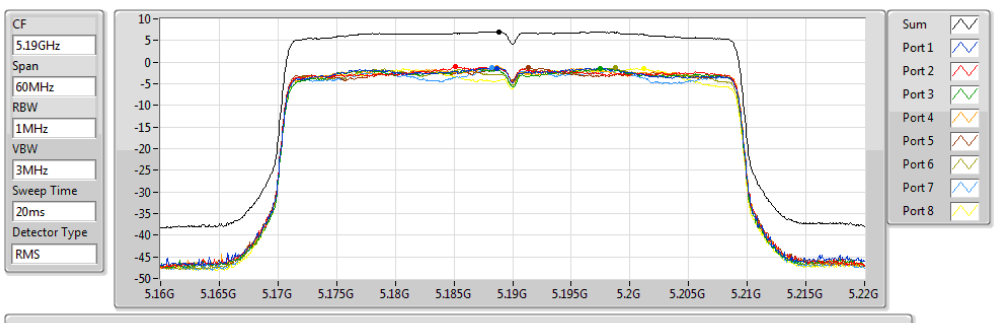
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	1.91	2.20	2.06	1.30	2.11	1.82	2.88	0.51

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

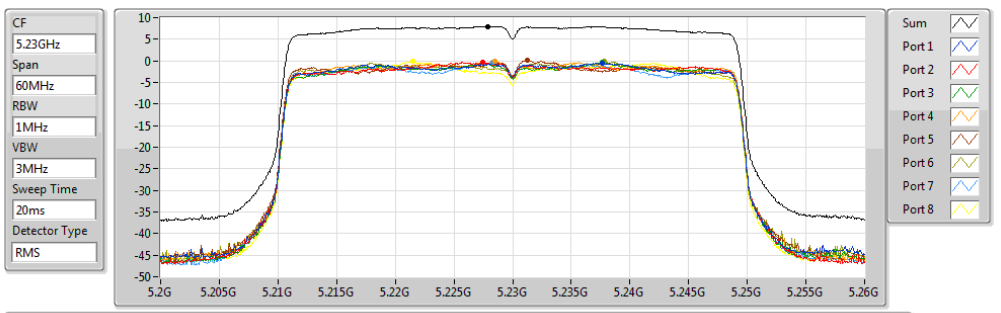
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.06	7.06	-1.38	-1.11	-1.49	-1.18	-1.22	-1.33	-1.34	-1.38

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

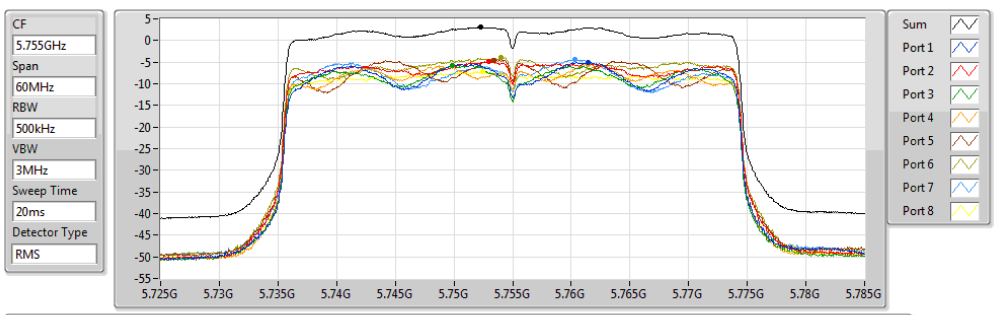
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	-0.56	-0.22	-0.39	-0.17	0.05	-0.19	-0.34	-0.19

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

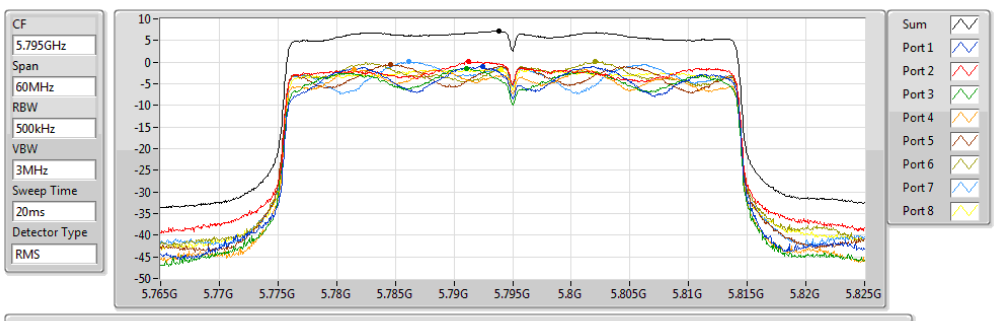
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.09	3.09	-5.04	-4.95	-5.70	-5.48	-4.54	-3.96	-4.37	-7.16

802.11ax HEW40-BF_Nss1,(MCS0)_8TX **PSD**

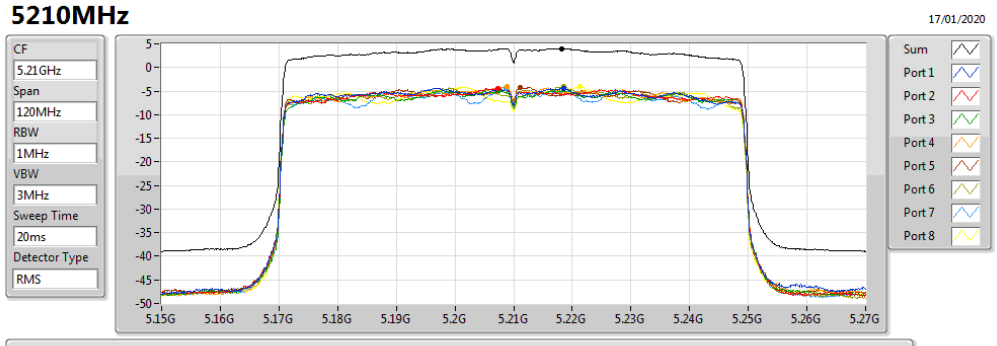
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	-0.95	0.10	-1.46	-1.68	-0.63	0.13	0.11	-1.68

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

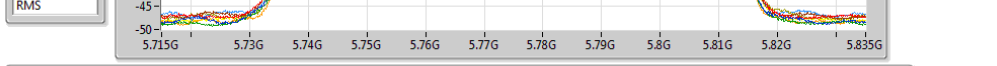
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.01	4.01	-4.37	-4.44	-4.88	-4.04	-4.22	-4.02	-4.56	-4.11

802.11ax HEW80-BF_Nss1,(MCS0)_8TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.27	3.27	-4.71	-4.13	-5.37	-5.32	-4.18	-3.61	-3.74	-6.06

<SBS mode>
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.65
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.97
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.75
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.02
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.41
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.86

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

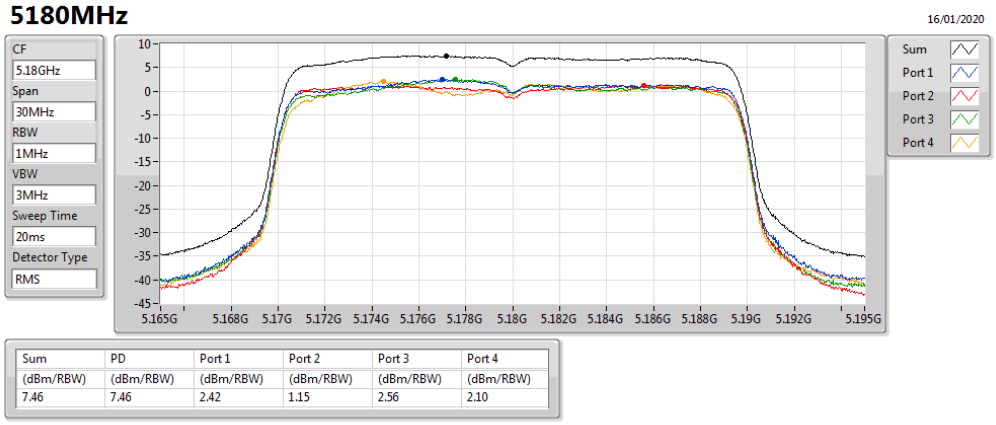
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.58	2.42	1.15	2.56	2.10	7.46	13.42
5200MHz	Pass	9.58	7.37	6.56	5.13	5.73	11.65	13.42
5240MHz	Pass	9.58	6.13	6.21	4.92	5.25	11.06	13.42
5745MHz	Pass	8.79	6.19	5.74	5.96	5.58	11.28	27.21
5785MHz	Pass	8.79	7.22	8.13	6.62	6.33	12.02	27.21
5825MHz	Pass	8.79	7.27	8.05	5.88	6.20	11.92	27.21
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.58	-2.28	-3.09	-2.29	-2.26	2.92	13.42
5230MHz	Pass	9.58	2.85	1.88	2.28	2.45	7.97	13.42
5755MHz	Pass	8.79	2.24	2.17	1.41	0.95	7.10	27.21
5795MHz	Pass	8.79	4.72	3.85	3.73	3.28	9.41	27.21
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.58	-5.62	-6.55	-5.90	-6.12	-0.75	13.42
5775MHz	Pass	8.79	-3.14	-3.51	-3.49	-3.65	1.86	27.21

DG = Directional Gain; For UNII-1, UNII-2A and UNII-2C, **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

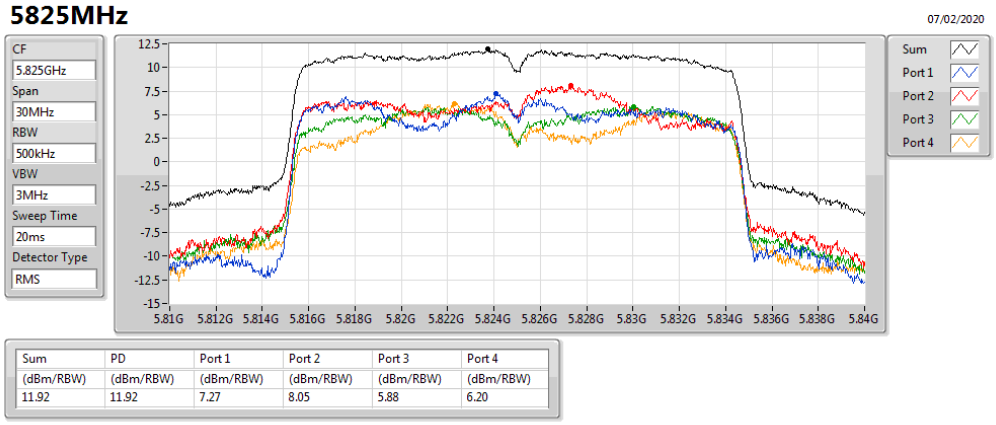
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	2.42	1.15	2.56	2.10

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

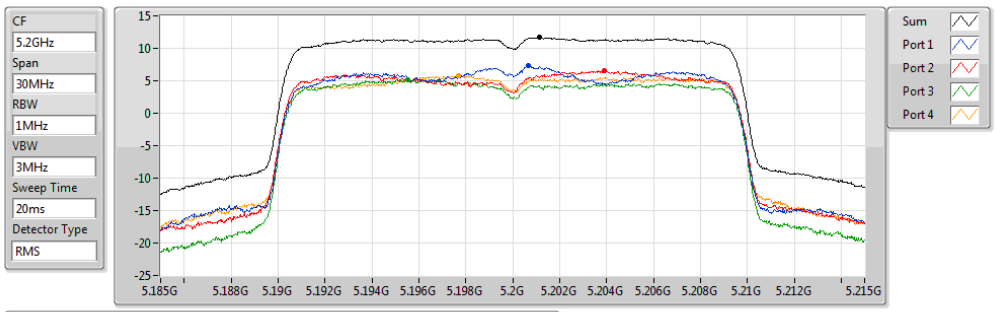
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.92	11.92	7.27	8.05	5.88	6.20

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

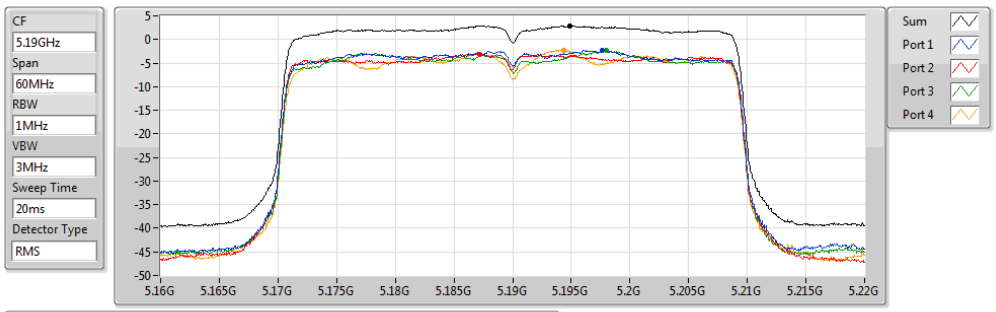
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.65	11.65	7.37	6.56	5.13	5.73

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

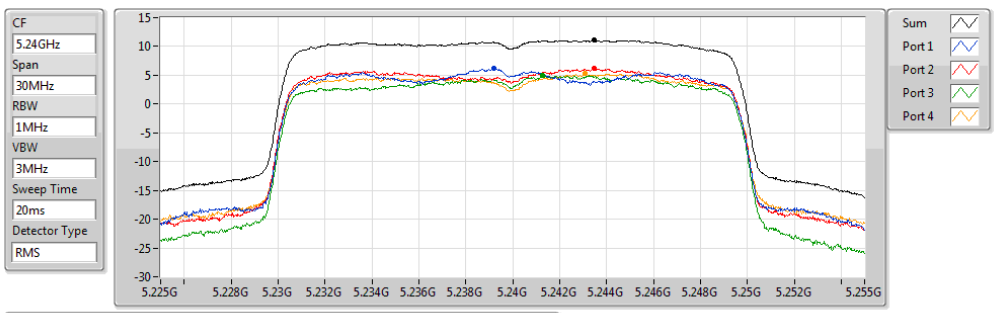
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-2.28	-3.09	-2.29	-2.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

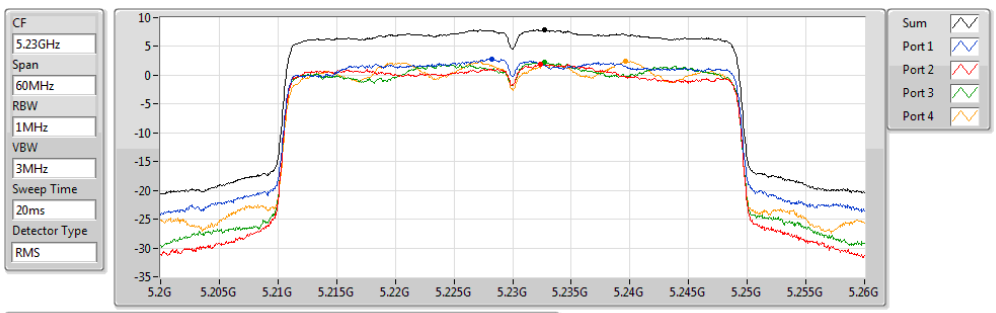
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.06	11.06	6.13	6.21	4.92	5.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

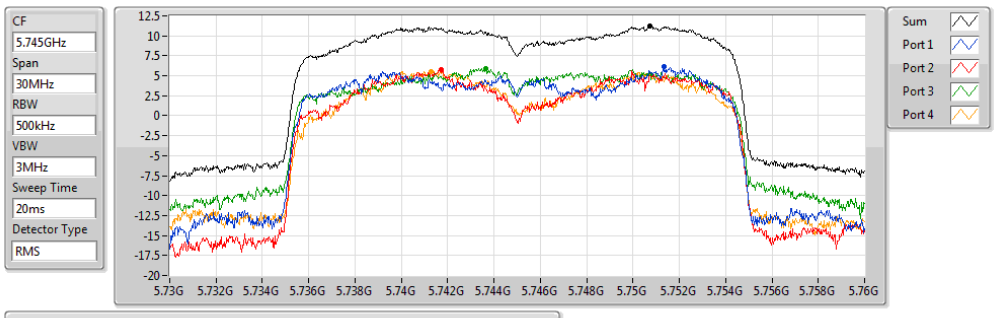
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	2.85	1.88	2.28	2.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

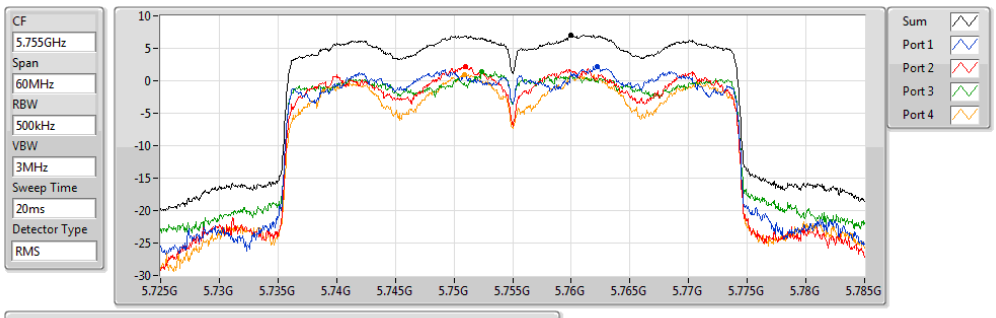
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.28	11.28	6.19	5.74	5.96	5.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

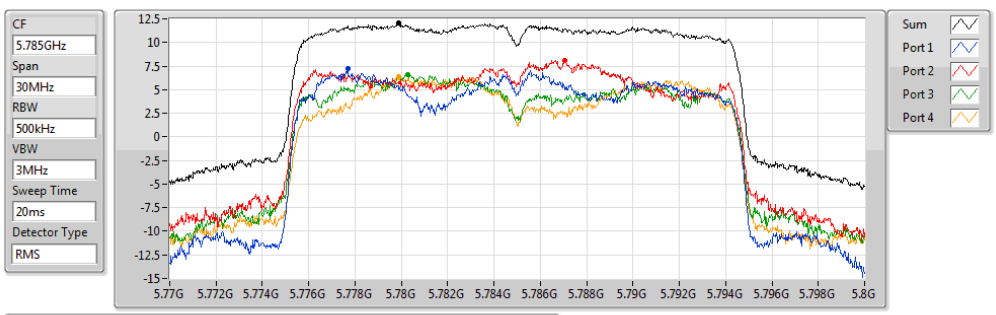
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	2.24	2.17	1.41	0.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

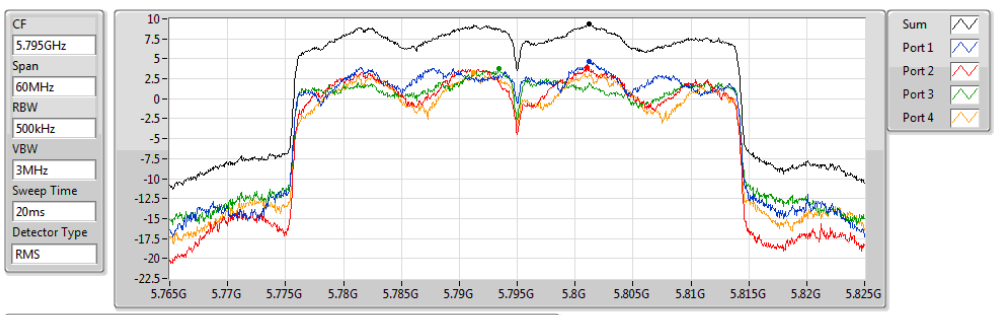
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.02	12.02	7.22	8.13	6.62	6.33

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5795MHz

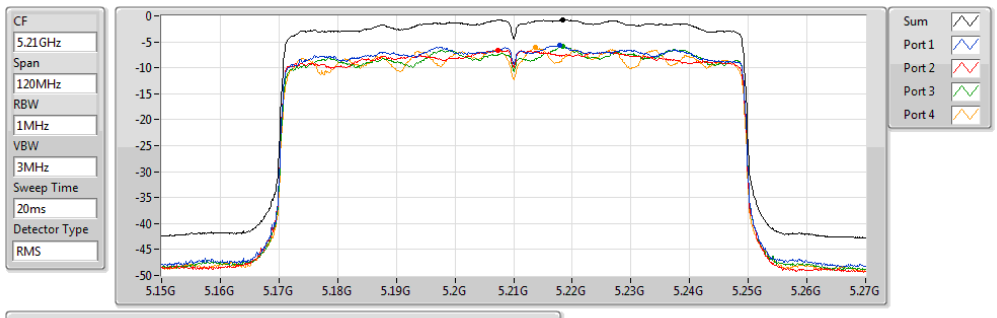


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.41	9.41	4.72	3.85	3.73	3.28

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5210MHz

16/01/2020

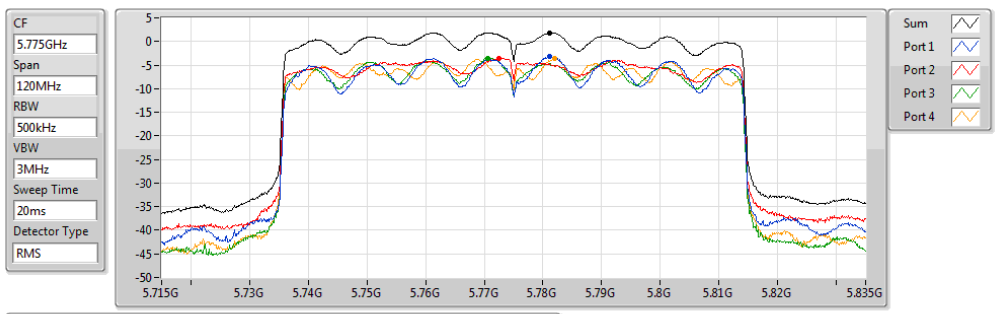


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.75	-0.75	-5.62	-6.55	-5.90	-6.12

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

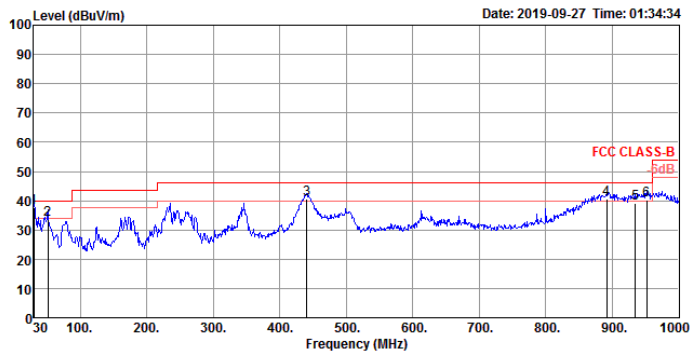
5775MHz

16/01/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.86	1.86	-3.14	-3.51	-3.49	-3.65

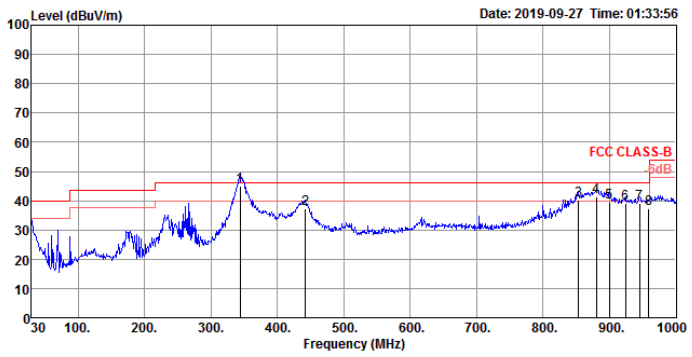
RSE below 1GHz Result			
Operating Mode	2	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.00	37.51	40.00	-2.49	42.72	0.67	25.70	31.58	100	177	QP	VERTICAL
2	51.34	33.72	40.00	-6.28	50.06	0.92	14.50	31.76	100	1	QP	VERTICAL
3	440.31	40.47	46.00	-5.53	47.09	2.74	22.91	32.27	150	359	QP	VERTICAL
4	891.36	40.61	46.00	-5.39	41.37	4.03	27.62	32.41	125	193	QP	VERTICAL
5	935.01	39.15	46.00	-6.85	39.29	4.10	27.92	32.16	200	174	QP	VERTICAL
6	951.50	40.33	46.00	-5.67	40.27	4.11	28.02	32.07	150	284	QP	VERTICAL

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

RSE below 1GHz Result			
Operating Mode	2	**Power Phase**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	344.28	45.14	46.00	-0.86	53.80	2.43	21.04	32.13	100	169	QP	HORIZONTAL
2	442.25	37.09	46.00	-8.91	43.69	2.75	22.92	32.27	100	360	QP	HORIZONTAL
3	853.53	40.21	46.00	-5.79	41.50	3.78	27.32	32.39	200	224	QP	HORIZONTAL
4	880.69	41.16	46.00	-4.84	42.05	3.96	27.55	32.40	200	218	QP	HORIZONTAL
5	900.09	39.47	46.00	-6.53	40.09	4.09	27.70	32.41	200	218	QP	HORIZONTAL
6	924.34	39.18	46.00	-6.82	39.45	4.10	27.86	32.23	100	186	QP	HORIZONTAL
7	945.68	39.21	46.00	-6.79	39.22	4.10	27.98	32.09	100	200	QP	HORIZONTAL
8	959.26	37.33	46.00	-8.67	37.22	4.12	28.06	32.07	100	205	QP	HORIZONTAL

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

For non-beamforming mode:

<DBS mode>

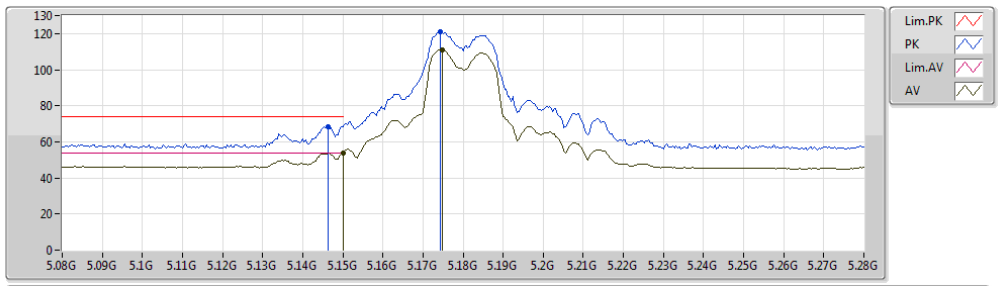
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	Pass	AV	5.15G	53.96	54.00	-0.04	5.09	3	Vertical	48	2.37	-

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TX

15/10/2019



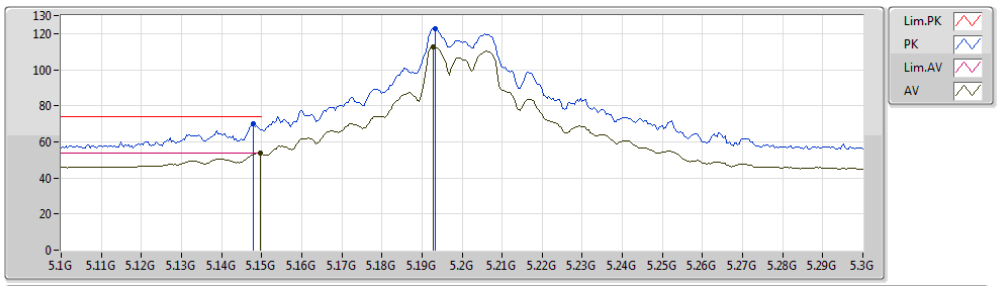
EUT Z_8TX
Setting 18
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1464G	68.39	74.00	-5.61	5.11	3	Vertical	48	2.37	-	63.28
AV	5.15G	53.96	54.00	-0.04	5.09	3	Vertical	48	2.37	-	48.87
PK	5.1744G	121.00	Inf	-Inf	4.97	3	Vertical	48	2.37	-	116.03
AV	5.1748G	111.17	Inf	-Inf	4.97	3	Vertical	48	2.37	-	106.20

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TX

15/10/2019



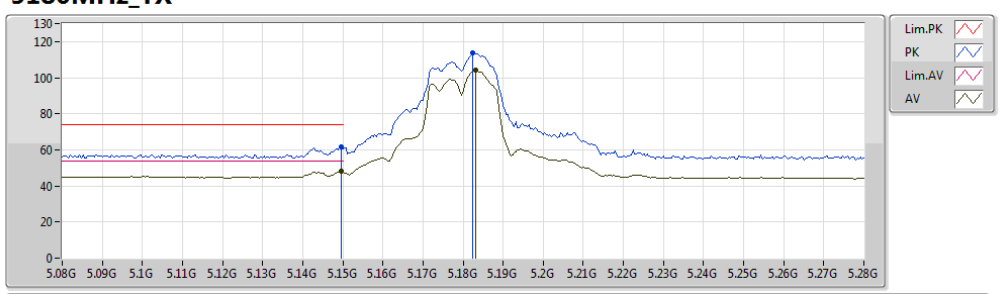
EUT Z_8TX
Setting 21
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.148G	69.85	74.00	-4.15	5.10	3	Vertical	184	2.33	-	64.75
AV	5.1496G	53.92	54.00	-0.08	5.09	3	Vertical	184	2.33	-	48.83
PK	5.1932G	122.67	Inf	-Inf	4.87	3	Vertical	184	2.33	-	117.80
AV	5.1928G	112.85	Inf	-Inf	4.88	3	Vertical	184	2.33	-	107.97

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TX

15/10/2019



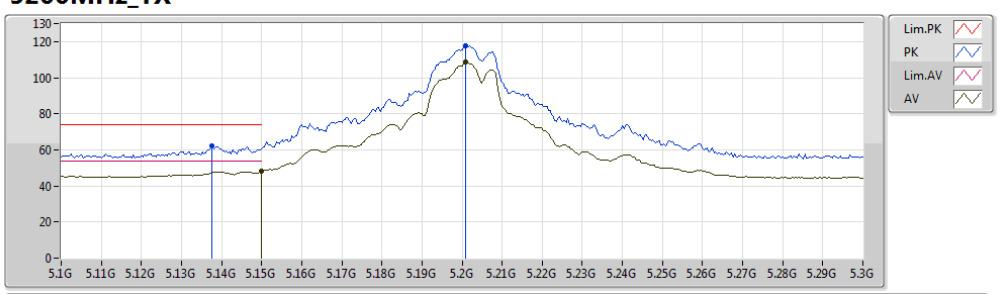
EUT Z_8TX
Setting 18
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1496G	61.87	74.00	-12.13	5.09	3	Horizontal	296	2.29	-	56.78
AV	5.1496G	48.10	54.00	-5.90	5.09	3	Horizontal	296	2.29	-	43.01
PK	5.1824G	113.56	Inf	-Inf	4.94	3	Horizontal	296	2.29	-	108.62
AV	5.1832G	103.96	Inf	-Inf	4.93	3	Horizontal	296	2.29	-	99.03

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TX

15/10/2019



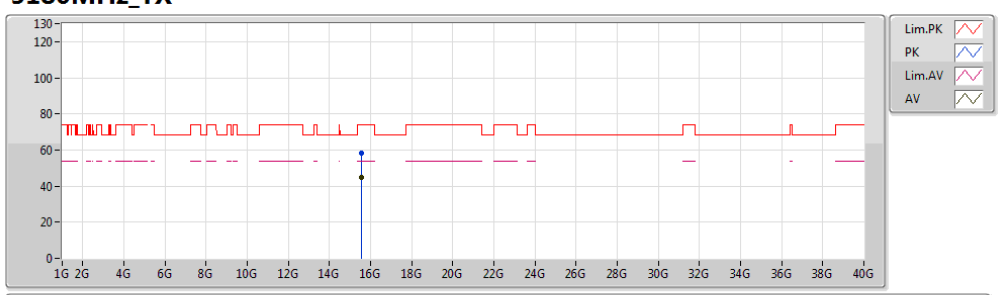
EUT Z_8TX
Setting 21
06-S-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1376G	62.47	74.00	-11.53	5.14	3	Horizontal	123	2.99	-	57.33
AV	5.15G	47.95	54.00	-6.05	5.09	3	Horizontal	123	2.99	-	42.86
PK	5.2008G	117.55	Inf	-Inf	4.85	3	Horizontal	123	2.99	-	112.70
AV	5.2008G	108.49	Inf	-Inf	4.85	3	Horizontal	123	2.99	-	103.64

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TX

15/10/2019



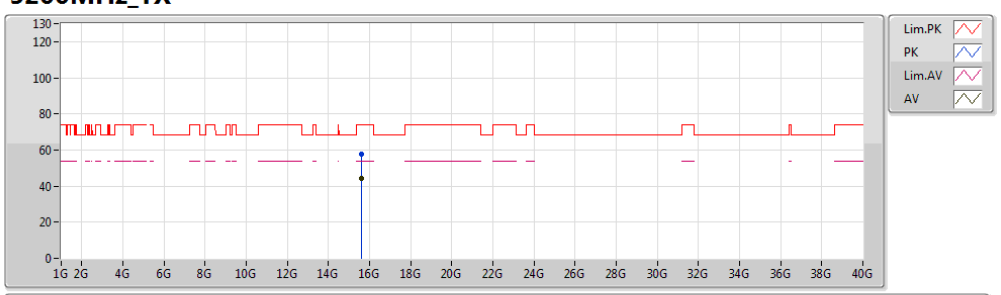
EUT Z_8TX
Setting 18
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.54216G	58.29	74.00	-15.71	14.46	3	Vertical	40	2.46	-	43.83
AV	15.5424G	44.89	54.00	-9.11	14.46	3	Vertical	40	2.46	-	30.43

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TX

15/10/2019



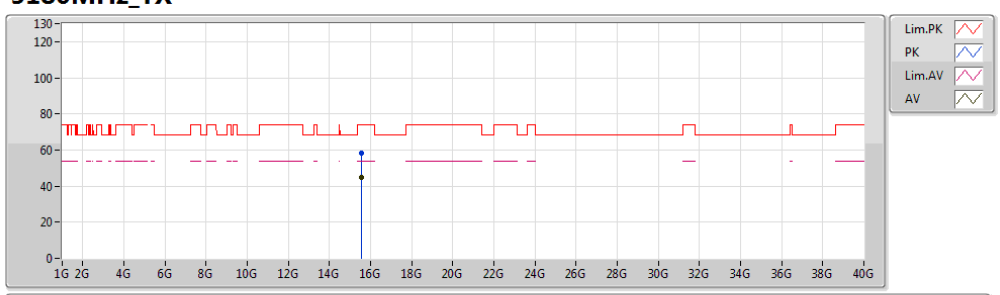
EUT Z_8TX
Setting 21
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.59228G	57.56	74.00	-16.44	14.30	3	Vertical	266	1.52	-	43.26
AV	15.60032G	44.30	54.00	-9.70	14.27	3	Vertical	266	1.52	-	30.03

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TX

15/10/2019



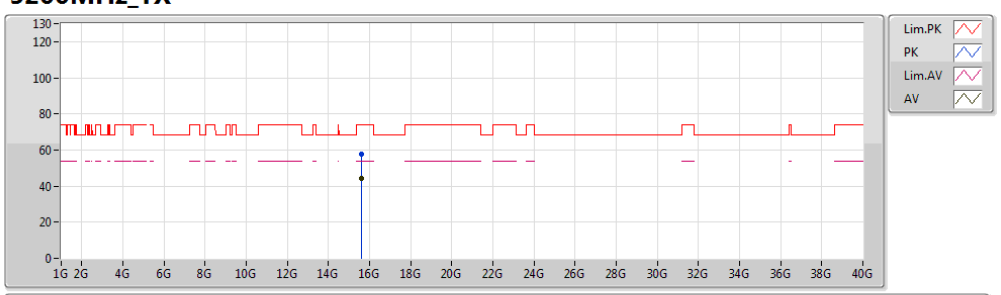
EUT Z_8TX
Setting 18
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.54932G	58.32	74.00	-15.68	14.45	3	Horizontal	21	1.22	-	43.87
AV	15.538G	44.76	54.00	-9.24	14.48	3	Horizontal	21	1.22	-	30.28

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TX

15/10/2019



EUT Z_8TX
Setting 21
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.60256G	57.79	74.00	-16.21	14.26	3	Horizontal	12	1.09	-	43.53
AV	15.59308G	44.47	54.00	-9.53	14.29	3	Horizontal	12	1.09	-	30.18