

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

Report No.: RFBFJZ-WTW-P22110126-15

FCC ID: V65E7200

Product: Smartphone

Brand: Kyocera

Model No.: E7200

Received Date: 2022/12/7

Test Date: 2023/1/19 ~ 2023/3/31

Issued Date: 2023/4/11

Applicant: Kyocera Corporation % Kyocera International, Inc.

Address: 8611 Balboa Avenue, San Diego, CA 92123

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kewi Shan Dist., Taoyuan City 33383, Taiwan

FCC Registration /
Designation Number: 788550 / TW0003

Approved by: Jeremy Lin , **Date:** 2023/4/11
Jeremy Lin / Project Engineer

This test report consists of 209 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The test results in the report only apply to the tested sample. The test results in this report are traceable to the national or international standards.

Prepared by : Pettie Chen / Senior Specialist



Table of Contents

Release Control Record	4
1 Certificate	5
2 Summary of Test Results	6
2.1 Measurement Uncertainty	6
2.2 Supplementary Information	6
3 General Information	7
3.1 General Description of EUT	7
3.2 Antenna Description of EUT	8
3.3 Channel List	9
3.4 Test Mode Applicability and Tested Channel Detail	11
3.5 Duty Cycle of Test Signal	15
3.6 Test Program Used and Operation Descriptions	17
3.7 Connection Diagram of EUT and Peripheral Devices	17
3.8 Configuration of Peripheral Devices and Cable Connections	17
4 Test Instruments	18
4.1 RF Output Power	18
4.2 Power Spectral Density	18
4.3 Emission Bandwidth	18
4.4 In-Band Emission Mask	18
4.5 Occupied Bandwidth	18
4.6 Frequency Stability	19
4.7 Contention-based Protocol	19
4.8 AC Power Conducted Emissions	20
4.9 Unwanted Emissions below 1 GHz	21
4.10 Unwanted Emissions above 1 GHz	22
5 Limits of Test Items	23
5.1 RF Output Power	23
5.2 Power Spectral Density	23
5.3 Emission Bandwidth	23
5.4 In-Band Emission Mask	24
5.5 Occupied Bandwidth	24
5.6 Frequency Stability	24
5.7 Contention-based Protocol	24
5.8 AC Power Conducted Emissions	24
5.9 Unwanted Emissions below 1 GHz	25
5.10 Unwanted Emissions above 1 GHz	25
6 Test Arrangements	26
6.1 RF Output Power	26
6.1.1 Test Setup	26
6.1.2 Test Procedure	26
6.2 Power Spectral Density	26
6.2.1 Test Setup	26
6.2.2 Test Procedure	26
6.3 Emission Bandwidth	27
6.3.1 Test Setup	27
6.3.2 Test Procedure	27
6.4 In-Band Emission Mask	27
6.4.1 Test Setup	27
6.4.2 Test Procedure	27
6.5 Occupied Bandwidth	28
6.5.1 Test Setup	28
6.5.2 Test Procedure	28
6.6 Frequency Stability	28
6.6.1 Test Setup	28



6.6.2	Test Procedure.....	28
6.7	Contention-based Protocol.....	29
6.7.1	Test Setup.....	29
6.7.2	Test Procedure.....	29
6.8	AC Power Conducted Emissions.....	30
6.8.1	Test Setup.....	30
6.8.2	Test Procedure.....	30
6.9	Unwanted Emissions below 1 GHz.....	31
6.9.1	Test Setup.....	31
6.9.2	Test Procedure.....	32
6.10	Unwanted Emissions above 1 GHz.....	33
6.10.1	Test Setup.....	33
6.10.2	Test Procedure.....	33
7	Test Results of Test Item.....	34
7.1	RF Output Power.....	34
7.2	Power Spectral Density.....	43
7.3	Emission Bandwidth.....	57
7.4	In-Band Emission Mask.....	66
7.5	Occupied Bandwidth.....	88
7.6	Frequency Stability.....	93
7.7	Contention-based Protocol.....	94
7.8	AC Power Conducted Emissions.....	106
7.9	Unwanted Emissions below 1 GHz.....	108
7.10	Unwanted Emissions above 1 GHz.....	110
8	Operational Restrictions for 6 GHz U-NII Devices.....	207
9	Pictures of Test Arrangements.....	208
10	Information of the Testing Laboratories.....	209



Release Control Record

Issue No.	Description	Date Issued
RFBFJZ-WTW-P22110126-15	Original release.	2023/4/11

1 Certificate

Product: Smartphone

Brand: Kyocera

Test Model: E7200

Sample Status: Identical prototype

Applicant: Kyocera Corporation % Kyocera International, Inc.

Test Date: 2023/1/19 ~ 2023/3/31

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

Measurement ANSI C63.10-2013

procedure:

KDB 987594 D02 U-NII 6 GHz EMC Measurement v01v01

KDB 789033 D02 General UNII Test Procedure New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(8)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(8)	Power Spectral Density	Pass	Meet the requirement of limit.
15.407(a)(10)	Occupied Bandwidth	Pass	Meet the requirement of limit.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -20.81 dB at 0.58600 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -9.6 dB at 194.90 MHz
15.407(b)(6) 15.407(b)(10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -0.5 dB at 7125.00 MHz
15.407(b)(7)	In-Band Emission Mask	Pass	Meet the requirement of limit.
15.407(d)(6)	Contention-based Protocol	Pass	Meet the requirement of limit.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.407(d)	Operational restrictions for 6 GHz U-NII devices	Pass	Declaration by applicant
15.203	Antenna Requirement	Pass	No antenna connector is used.
---	Emission Bandwidth	-	Reference only.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Specification	Expanded Uncertainty (k=2) (±)
Occupied Bandwidth	-	491.896 Hz
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.99 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3 dB
	30 MHz ~ 1 GHz	2.93 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Smartphone
Brand	Kyocera
Test Model	E7200
Status of EUT	Identical prototype
Power Supply Rating	20Vdc or 15Vdc or 9Vdc or 5Vdc (From adapter) 3.87Vdc (From battery)
Modulation Type	1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA
Modulation Technology	OFDMA
Transfer Rate	Up to 2401.9 Mbps
Operating Frequency	Under controlled by Low-Power Indoor AP: 5.955 GHz ~ 6.415 GHz 6.435 GHz ~ 6.525 GHz 6.525 GHz ~ 6.875 GHz 6.875 GHz ~ 7.115 GHz Under controlled by Standard Power AP: 5.955 GHz ~ 6.415 GHz 6.525 GHz ~ 6.875 GHz
Number of Channel	802.11ax (HE20): 59 802.11ax (HE40): 29 802.11ax (HE80): 14 802.11ax (HE160): 7
Output Power	Under controlled by Low-Power Indoor AP: 5.955 GHz ~ 6.415 GHz : EIRP: 49.778 mW (16.97 dBm) 6.435 GHz ~ 6.525 GHz : EIRP: 43.772 mW (16.41 dBm) 6.525 GHz ~ 6.875 GHz : EIRP: 46.200 mW (16.65 dBm) 6.875 GHz ~ 7.115 GHz : EIRP: 35.397 mW (15.49 dBm) Under controlled by Standard Power AP: 5.955 GHz ~ 6.415 GHz : EIRP: 49.778 mW (16.97 dBm) 6.525 GHz ~ 6.875 GHz : EIRP: 46.200 mW (16.65 dBm)
EUT Category	Dual Client Device (controlled of either a Low-Power Indoor AP or Standard Power AP)

Note:

1. The EUT uses following accessories.

Battery		
Brand	Model	Specification
Kyocera	SCP-76LBPS	Power Rating : 3.87Vdc, typ 4270mAh, typ. 16.6Wh
USB Type A to USB type C cable		
Brand	Model	Specification
KYOCERA	SCP-24 SDC	Signal Line : 1m shielded Type A to Type C USB

2. The EUT uses following support unit only.

Adapter (Support unit)		
Brand	Model	Specification
Kyocera	SCP-53ADT	AC Input: 100-240 Vac, 50/60 Hz, 0.6A DC Output: 5Vdc, 3A; 9Vdc, 3A 15Vdc 1.8A 20Vdc, 1.35A

3. There are WWAN, Bluetooth, NFC, ANT+ and WLAN technology used for the EUT.

4. Simultaneously transmission condition.

Condition	Technology	
1	WWAN	Bluetooth
2	WWAN	WLAN 2.4GHz
3	WWAN	WLAN 5GHz
4	WWAN	Bluetooth + WLAN 5GHz
5	WWAN	Bluetooth + WLAN 6GHz

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

- The EUT support OFDMA and Partial RU mode, therefore partial RU combination were investigated and the worst case scenario was identified. (The worst case data were presented in section 3.4)
- The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

- The antenna information is listed as below.

Antenna Type		Monopole
Antenna Connector		NA
Item	Antenna No.	Gain (dBi)
WLAN 2.4G	ANT3 (CH0)	-0.1
WLAN 5G		3.2
WLAN 6G		1.8
WLAN 2.4G	ANT5 (CH1)	-0.6
WLAN 5G		2.1
WLAN 6G		2.0

*Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

- The EUT incorporates a MIMO function:

6 GHz Band		
Modulation Mode	Tx & Rx Configuration	
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11ax (RU26/52/106/242/484/996/996*2)	2TX	2RX

*In WLAN 6 GHz 802.11ax mode, DUT supports RU26, RU52, RU106, RU242, RU484, RU996, RU996*2 and Full RU modes. After pre-testing, the Full RU mode is the worst mode. Except for the output power, power spectral density and Unwanted Emissions above 1 GHz test items, all DUTs are measured separately in the supported RU mode, and the rest of the test items are finally measured in the Full RU mode.

*The modulation and bandwidth are similar for RU242 vs (HE20) Full RU, RU484 vs (HE40) Full RU, RU996 vs (HE80) Full RU, RU996*2 vs (HE160) Full RU, so output power and Power Spectral Density will be similar level.

Therefore the manufacturer will control the power for RU242, RU484, RU996, RU996*2 to keep the same as the HE20/HE40/HE80/HE160 Full RU mode and test lab has investigated worst case as representative mode and presented in test report.

*The EUT device modulation technique OFDMA does not support channel puncturing/bandwidth reduction mechanisms.

3.3 Channel List

U-NII-5: Under controlled by Low-Power Indoor AP and Under controlled by Standard Power AP

24 channels are provided for 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5995 MHz	13	6015 MHz
17	6035 MHz	21	6055 MHz	25	6075 MHz	29	6095 MHz
33	6115 MHz	37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz	61	6255 MHz
65	6275 MHz	69	6295 MHz	73	6315 MHz	77	6335 MHz
81	6355 MHz	85	6375 MHz	89	6395 MHz	93	6415 MHz

12 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz	27	6085 MHz
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285 MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz

6 channel is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz	55	6225 MHz
71	6305 MHz	87	6385 MHz				

3 channels are provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency	Channel	Frequency
15	6025 MHz	47	6185 MHz	79	6345 MHz

U-NII-6: Under controlled by Low-Power Indoor AP

5 channels are provided for 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
97	6435 MHz	101	6455 MHz	105	6475 MHz	109	6495 MHz
113	6515 MHz						

3 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency
99	6445 MHz	107	6485 MHz	*115	6525 MHz

1 channel is provided for 802.11ax (HE80):

Channel	Frequency
103	6465 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
*111	6505 MHz

U-NII-7: Under controlled by Low-Power Indoor AP and Under controlled by Standard Power AP

17 channels are provided for 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
117	6535 MHz	121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz	145	6675 MHz
149	6695 MHz	153	6715 MHz	157	6735 MHz	161	6755 MHz
165	6775 MHz	169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz						

8 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz

5 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
*119	6545 MHz	135	6625 MHz	151	6705 MHz	167	6785 MHz
*183	6865 MHz						

2 channels are provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency
143	6665 MHz	175	*6825 MHz

U-NII-8: Under controlled by Low-Power Indoor AP

13 channels are provided for 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
185	6875 MHz	189	6895 MHz	193	6915 MHz	197	6935 MHz
201	6955 MHz	205	6975 MHz	209	6995 MHz	213	7015 MHz
217	7035 MHz	221	7055 MHz	225	7075 MHz	229	7095 MHz
233	7115 MHz						

6 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
187	6885 MHz	195	6925 MHz	203	6965 MHz	211	7005 MHz
219	7045 MHz	227	7085 MHz				

2 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
199	6945 MHz	215	7025 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
207	6985 MHz

Note: * mean these are straddle channels and operating under control by Low-power indoor AP only.

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	EUT can be used in the following ways: X-axis/ Y-axis/ Z-axis. Pre-scan these ways and find the worst case as a representative test condition.
Worst Case:	X-axis/ Y-axis/ Z-axis Worst Condition: Y-axis

Following channel(s) was (were) selected for the final test as listed below:

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter
RF Output Power	A	802.11ax (HE20) (RU26)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (RU52)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (RU106)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (Full RU)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE40) (Full RU)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	A	802.11ax (HE80) (Full RU)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	A	802.11ax (HE160) (Full RU)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	B	802.11ax (HE20) (RU26)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE20) (RU52)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE20) (RU106)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE20) (Full RU)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE40) (Full RU)	3, 43, 91, 123, 155, 179	BPSK	MCS0
	B	802.11ax (HE80) (Full RU)	7, 39, 87, 135, 151, 167	BPSK	MCS0
	B	802.11ax (HE160) (Full RU)	15, 47, 79, 143	BPSK	MCS0

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter
Power Spectral Density/ Emission Bandwidth	A	802.11ax (HE20) (RU26)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (RU52)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (RU106)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (Full RU)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE40) (Full RU)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	A	802.11ax (HE80) (Full RU)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	A	802.11ax (HE160) (Full RU)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	B	802.11ax (HE20) (RU26)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE20) (RU52)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE20) (RU106)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE20) (Full RU)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE40) (Full RU)	3, 43, 91, 123, 155, 179	BPSK	MCS0
	B	802.11ax (HE80) (Full RU)	7, 39, 87, 135, 151, 167	BPSK	MCS0
	B	802.11ax (HE160) (Full RU)	15, 47, 79, 143	BPSK	MCS0

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter
In-Band Emission Mask	A	802.11ax (HE20) (Full RU)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE40) (Full RU)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	A	802.11ax (HE80) (Full RU)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	A	802.11ax (HE160) (Full RU)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	B	802.11ax (HE20) (Full RU)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE40) (Full RU)	3, 43, 91, 123, 155, 179	BPSK	MCS0
	B	802.11ax (HE80) (Full RU)	7, 39, 87, 135, 151, 167	BPSK	MCS0
	B	802.11ax (HE160) (Full RU)	15, 47, 79, 143	BPSK	MCS0
Occupied Bandwidth	A	802.11ax (HE20) (Full RU)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE40) (Full RU)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	A	802.11ax (HE80) (Full RU)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	A	802.11ax (HE160) (Full RU)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	B	802.11ax (HE20) (Full RU)	1, 45, 93, 117, 149, 181	BPSK	MCS0
	B	802.11ax (HE40) (Full RU)	3, 43, 91, 123, 155, 179	BPSK	MCS0
	B	802.11ax (HE80) (Full RU)	7, 39, 87, 135, 151, 167	BPSK	MCS0
	B	802.11ax (HE160) (Full RU)	15, 47, 79, 143	BPSK	MCS0
Frequency Stability	A	802.11ax (HE20) (Full RU)	1	unmodulated	-
Contention-based Protocol	A	802.11ax (HE20) (Full RU)	45, 105, 149, 209	BPSK	MCS0
	A	802.11ax (HE160) (Full RU)	47, 111, 143, 207	BPSK	MCS0
AC Power Conducted Emissions	A	802.11ax (HE160) (Full RU)	79	BPSK	MCS0
Unwanted Emissions below 1 GHz	A	802.11ax (HE160) (Full RU)	79	BPSK	MCS0

Test Item	EUT Configure Mode	Mode	Tested Channel	Modulation	Data Rate Parameter
Unwanted Emissions above 1 GHz	A	802.11ax (HE20) (RU26)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (RU52)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (RU106)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE20) (Full RU)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	A	802.11ax (HE40) (Full RU)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	A	802.11ax (HE80) (Full RU)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	A	802.11ax (HE160) (Full RU)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	B	802.11ax (HE80) (Full RU)	135, 167	BPSK	MCS0
EUT Configure Mode	Mode	Description			
	A	Under controlled by Low-Power Indoor AP			
	B	Under controlled by Standard Power AP			

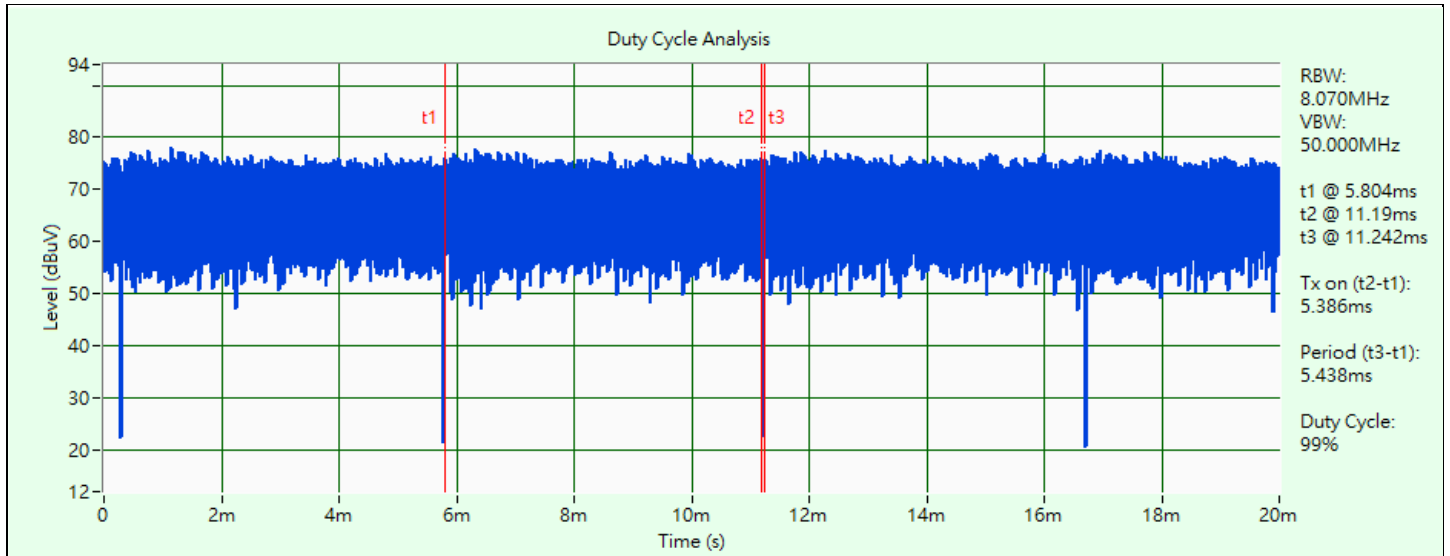
3.5 Duty Cycle of Test Signal

802.11ax (HE20): Duty cycle = 5.386 ms / 5.438 ms x 100% = 99.0%

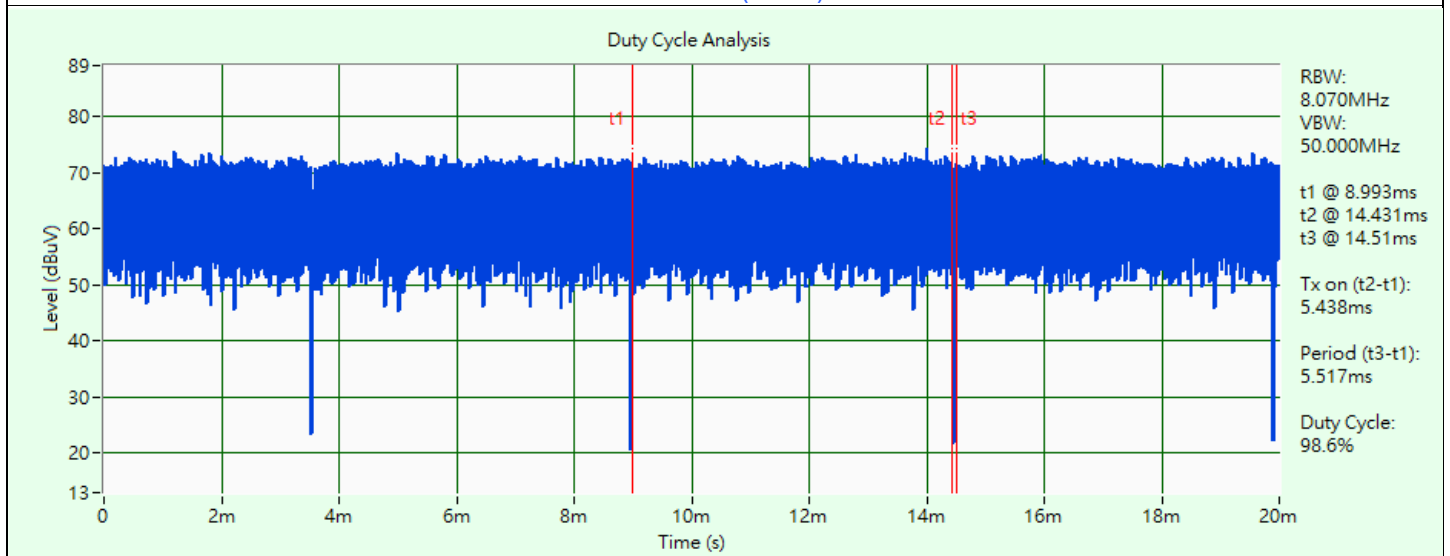
802.11ax (HE40): Duty cycle = 5.438 ms / 5.517 ms x 100% = 98.6%

802.11ax (HE80): Duty cycle = 5.359 ms / 5.437 ms x 100% = 98.6%

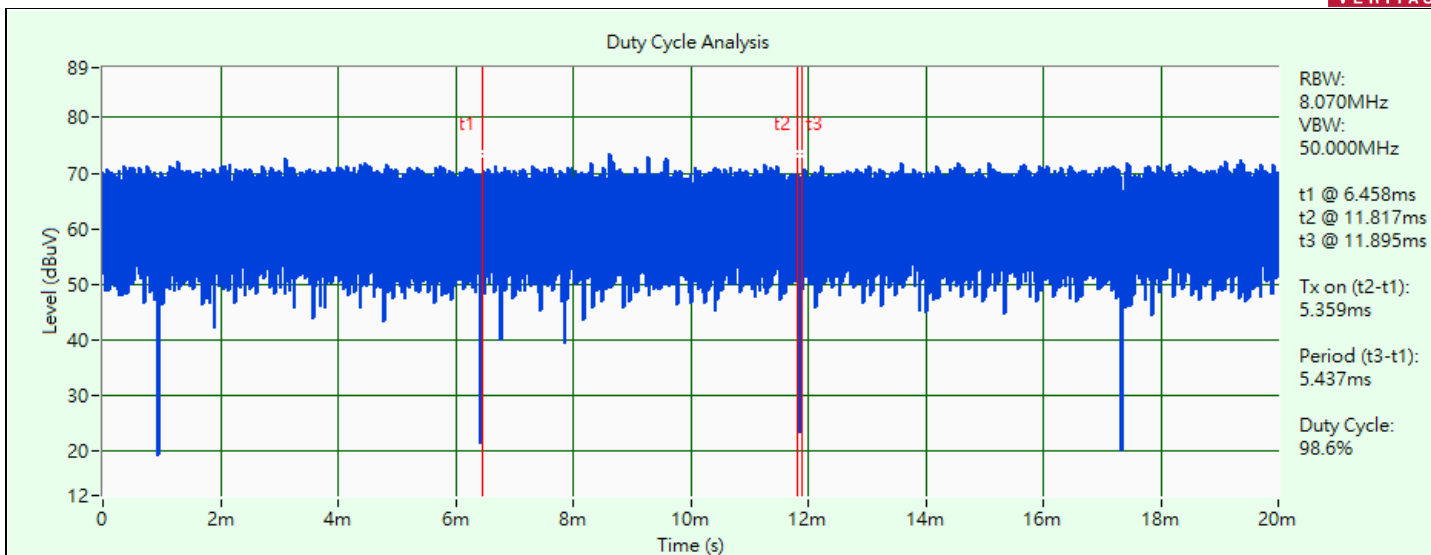
802.11ax (HE160): Duty cycle = 5.412 ms / 5.491 ms x 100% = 98.6%



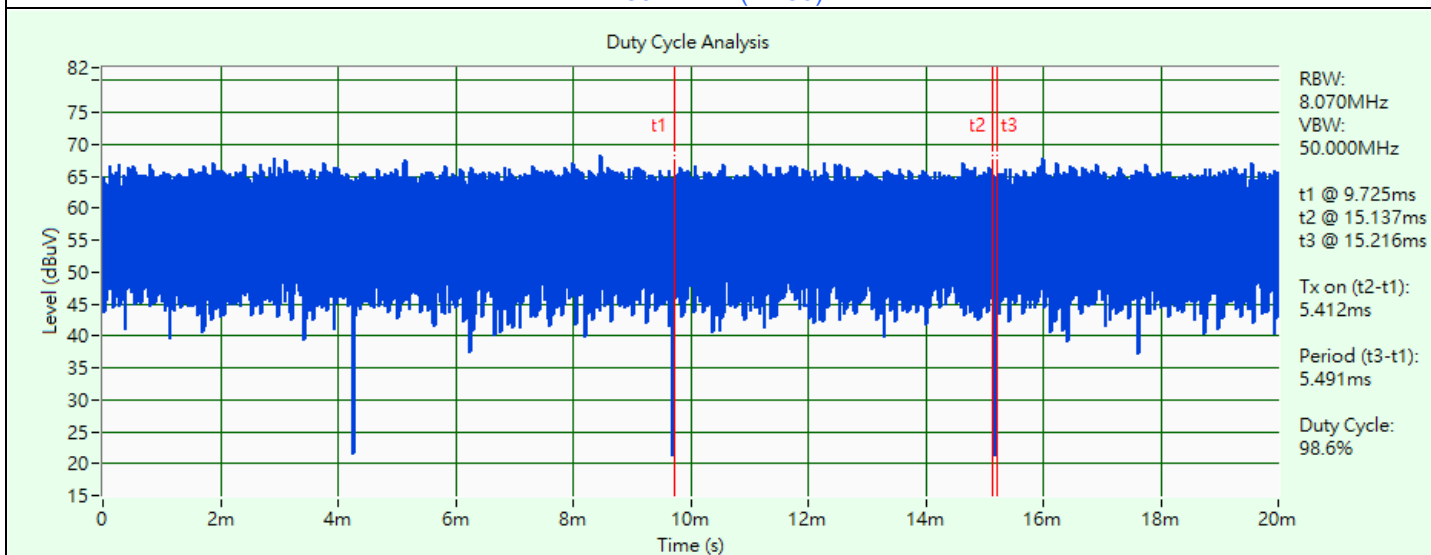
802.11ax (HE20)



802.11ax (HE40)



802.11ax (HE80)

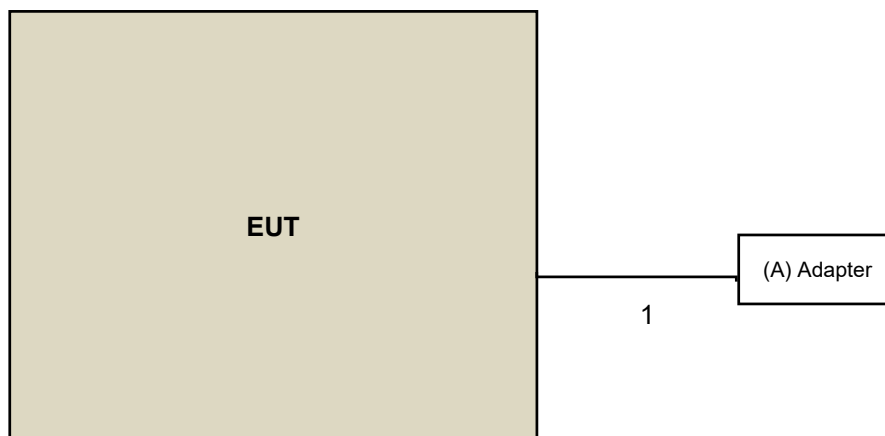


802.11ax (HE160)

3.6 Test Program Used and Operation Descriptions

Controlling software (DroidDM_V1.1.16) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Adapter	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Adapter	Kyocera	SCP-53ADT	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	Type A to Type C USB	1	1	Y	0	Accessory of EUT

4 Test Instruments

The calibration interval of the test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

*The calibration interval of the test instruments is 24 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
USB Wideband Power Sensor KEYSIGHT	U2021XA	MY55050005/MY55190004/MY 55190007/MY55210005	2022/7/13	2023/7/12

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2023/2/7

4.2 Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Software BV	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer R&S	FSV40	100979	2022/3/25	2023/3/24

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2023/2/7

4.3 Emission Bandwidth

Refer to section 4.2 to get information of the instruments.

4.4 In-Band Emission Mask

Refer to section 4.2 to get information of the instruments.

4.5 Occupied Bandwidth

Refer to section 4.2 to get information of the instruments.

4.6 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
3-channel DC power supply JIN YIH Technology	ODP3033	ODP30332128138	N/A	N/A
Digital Multimeter Fluke	87-III	70360742	2022/6/23	2023/6/22
Software BV	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer R&S	FSV40	100979	2022/3/25	2023/3/24
Temperature & Humidity Chamber TERCHY	HRM-120RF	931022	2022/12/27	2023/12/26

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2023/2/7

4.7 Contention-based Protocol

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
PXA Signal Analyzer KEYSIGHT	N9030B	MY57140938	2023/3/16	2024/3/15
MXA Signal Analyzer KEYSIGHT	N9020B	MY60110513	2022/12/26	2023/12/25
MXG Vector signal generator Agilent	N5182B	MY53050430	2022/11/29	2023/11/28
Combiner / Splitter Mini-Circuits	ZN2PD-9G	ZN2PD-9G	2022/6/9	2023/6/8
N5182BU KEYSIGHT	N5182BU	MY59360189	2022/11/29	2023/11/28
*Splitters/Combiners Mini-Circuits	ZN2PD-9G	N/A	2022/9/2	2024/9/1

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2023/3/31

4.8 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
LISN R&S	ESH3-Z5	100311	2022/9/12	2023/9/11
LISN ROHDE & SCHWARZ	ENV216	101826	2022/3/14	2023/3/13
RF Coaxial Cable WOKEN	5D-FB	Cable-cond1-01	2023/1/7	2024/1/6
Software BVADT	BVADT_Cond_ V7.3.7.4	N/A	N/A	N/A
Test Receiver Rohde&Schwarz	ESCI	100613	2022/12/5	2023/12/4
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2022/8/31	2023/8/30

Notes:

1. The test was performed in HY - Conduction 1.
2. Tested Date: 2023/3/1

4.9 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFT-151SS-0.5T	N/A	N/A	N/A
Bi-log Broadband Antenna Schwarzbeck	VULB9168	9168-1213	2022/10/20	2023/10/19
Loop Antenna EMCI	EM-6879	269	2022/9/19	2023/9/18
Loop Antenna TESEQ	HLA 6121	45745	2022/7/27	2023/7/26
Pre-amplifier EMCI	EMC001340	980201	2022/9/23	2023/9/22
Pre_Amplifier EMCI	EMC330N	980782	2023/1/16	2024/1/15
RF Coaxial Cable EMCI	5D-NM-BM	140903+140902	2023/1/7	2024/1/6
	EMCCFD400-NM-NM-500	201233	2023/1/16	2024/1/15
	EMCCFD400-NM-NM-3000	201235	2023/1/16	2024/1/15
	EMCCFD400-NM-NM-9000	201236	2023/1/16	2024/1/15
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Spectrum Analyzer R&S	FSW43	101866	2023/1/10	2024/1/9
Test Receiver R&S	ESR3+	102782	2022/12/12	2023/12/11
Turn Table Max-Full	MF-7802BS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208674	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 8.
2. Tested Date: 2023/1/30

4.10 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFT-151SS-0.5T	N/A	N/A	N/A
Horn Antenna RFSPIN	DRH18-E	210103A18E	2022/11/13	2023/11/12
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2022/11/13	2023/11/12
Pre_Amplifier EMCI	EMC118A45SE	980808	2022/12/29	2023/12/28
	EMC184045SE	980788	2023/1/16	2024/1/15
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2023/1/16	2024/1/15
	EMC101G-KM-KM-3000	201257	2023/1/16	2024/1/15
	EMC101G-KM-KM-5000	201260	2023/1/16	2024/1/15
	EMC104-SM-SM-1000	210102	2023/1/16	2024/1/15
	EMC104-SM-SM-3000	201231	2023/1/16	2024/1/15
	EMC104-SM-SM-9000	201243	2023/1/16	2024/1/15
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Spectrum Analyzer R&S	FSW43	101866	2023/1/10	2024/1/9
Test Receiver R&S	ESR3+	102782	2022/12/12	2023/12/11
Turn Table Max-Full	MF-7802BS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208674	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 8.
2. Tested Date: 2023/1/19 ~ 2023/3/7

5 Limits of Test Items

5.1 RF Output Power

Operation Band	EUT Category	Limit
		Max Average Power
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Dual Client Devices (controlled of an indoor AP)	EIRP 24 dBm
U-NII-5 U-NII-7	Dual Client Devices (controlled of a standard power AP)	EIRP 30 dBm

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

5.2 Power Spectral Density

Operation Band	EUT Category	Limit
		Peak Power Density
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Dual Client Devices (controlled of an indoor AP)	EIRP -1 dBm/MHz
U-NII-5 U-NII-7	Dual Client Devices (controlled of a standard power AP)	EIRP 17 dBm/MHz

5.3 Emission Bandwidth

The results are for reference only.

5.4 In-Band Emission Mask

Test Item	Frequencies (MHz)	(X) dBc ^{*1}
Emission Mask	At 1 MHz outside of channel edge	20
	At one channel bandwidth from the channel center ^{*2}	28
	At one- and one-half times the channel bandwidth away from channel center ^{*3}	40
	More than one- and one-half times the channel bandwidth	40

*1 : The power spectral density must be suppressed by "x" dB

*2 : At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression,

*3 : At frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.

5.5 Occupied Bandwidth

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 MHz.

5.6 Frequency Stability

The frequency of the carrier signal shall be maintained within band of operation.

5.7 Contention-based Protocol

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm (The threshold is referenced to a 0 dBi antenna gain.) or lower. Additionally, indoor low-power devices must detect co-channel energy with 90% or greater certainty.

5.8 AC Power Conducted Emissions

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Notes:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

5.9 Unwanted Emissions below 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

5.10 Unwanted Emissions above 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Frequencies (MHz)	EIRP Limit	Equivalent Field Strength at 3 m
5925 MHz > F > 7125 MHz	Peak: -7 (dBm/MHz)	88.2 (dBuV/m)
	Average: -27 (dBm/MHz)	68.2 (dBuV/m)

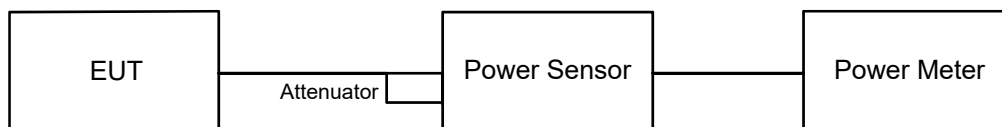
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m, where } P \text{ is the eirp (Watts).}$$

6 Test Arrangements

6.1 RF Output Power

6.1.1 Test Setup

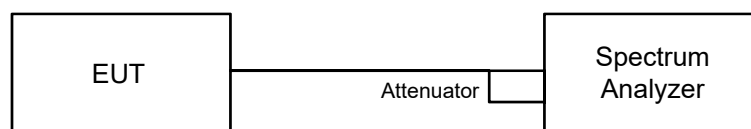


6.1.2 Test Procedure

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst and set the detector to average. Duty factor is not added to measured value.

6.2 Power Spectral Density

6.2.1 Test Setup



6.2.2 Test Procedure

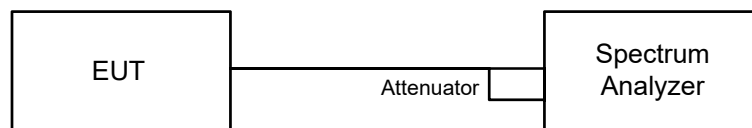
For specified measurement bandwidth 1 MHz:

Method SA-1

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW \geq 3 MHz, Detector = RMS
- Sweep points \geq $[2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing \leq RBW / 2, so that narrowband signals are not lost between frequency bins.)
- Sweep time = auto, trigger set to "free run".
- Trace average at least 100 traces in power averaging mode.
- Record the max value

6.3 Emission Bandwidth

6.3.1 Test Setup

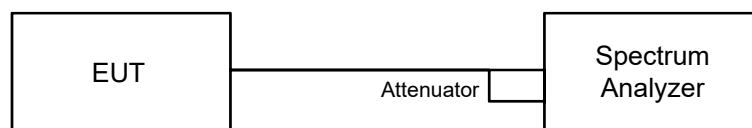


6.3.2 Test Procedure

- a. Set RBW = approximately 1% of the emission bandwidth.
- b. Set the VBW > RBW.
- c. Detector = Peak.
- d. Trace mode = max hold.
- e. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

6.4 In-Band Emission Mask

6.4.1 Test Setup

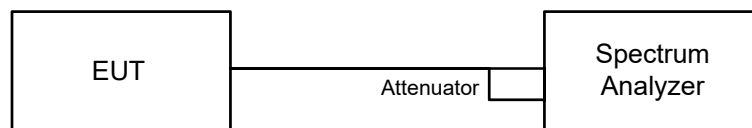


6.4.2 Test Procedure

- a. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
- b. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (Determine the channel edge.)
- c. Measure the power spectral density (for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW \geq [3 X RBW].
 - d) Number of points in sweep \geq [2 X span / RBW].
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging).
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
- d. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
 - b) Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
- e. Adjust the span to encompass the entire mask as necessary and clear trace.
- f. Trace average at least 100 traces in power averaging (rms) mode.
- g. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

6.5 Occupied Bandwidth

6.5.1 Test Setup

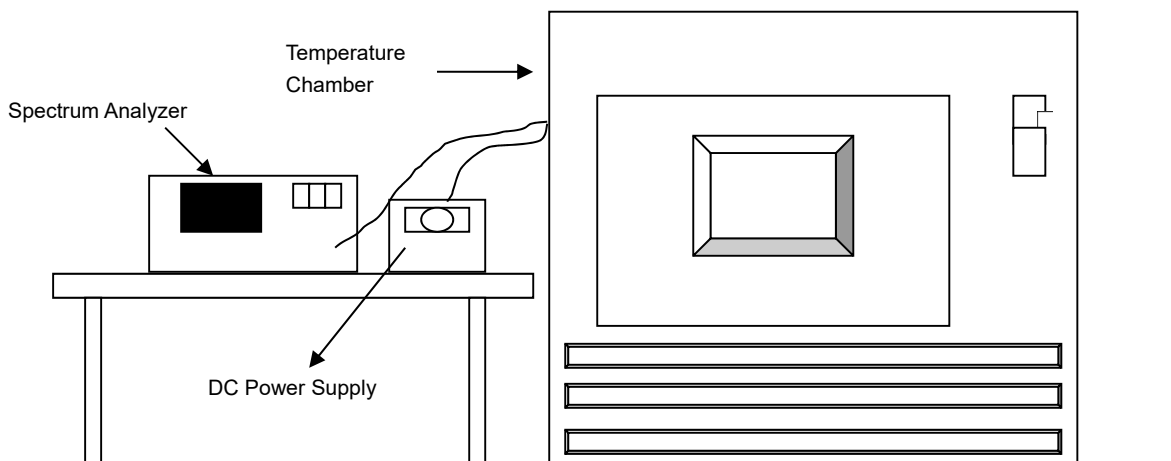


6.5.2 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to Sampling. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean power of a given emission.

6.6 Frequency Stability

6.6.1 Test Setup

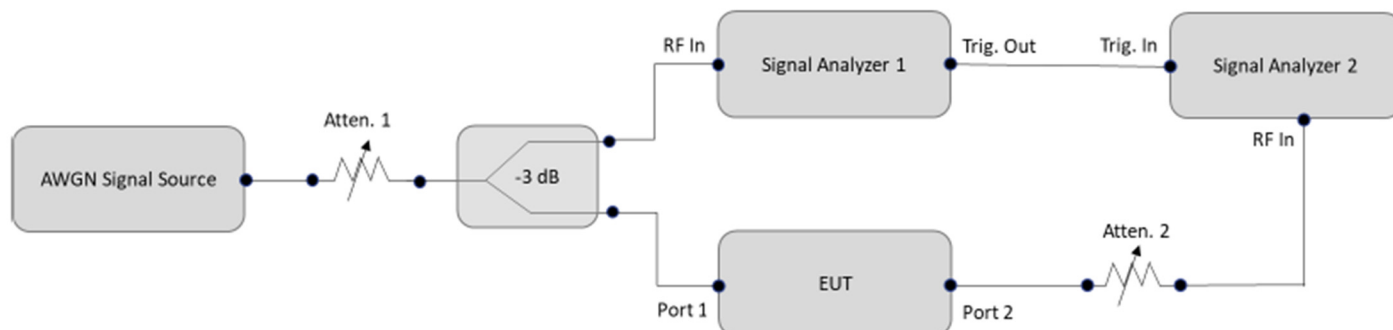


6.6.2 Test Procedure

- The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
- Turn the EUT on and couple its output to a spectrum analyzer.
- Turn the EUT off and set the chamber to the highest temperature specified.
- Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
- Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
- The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

6.7 Contention-based Protocol

6.7.1 Test Setup



6.7.2 Test Procedure

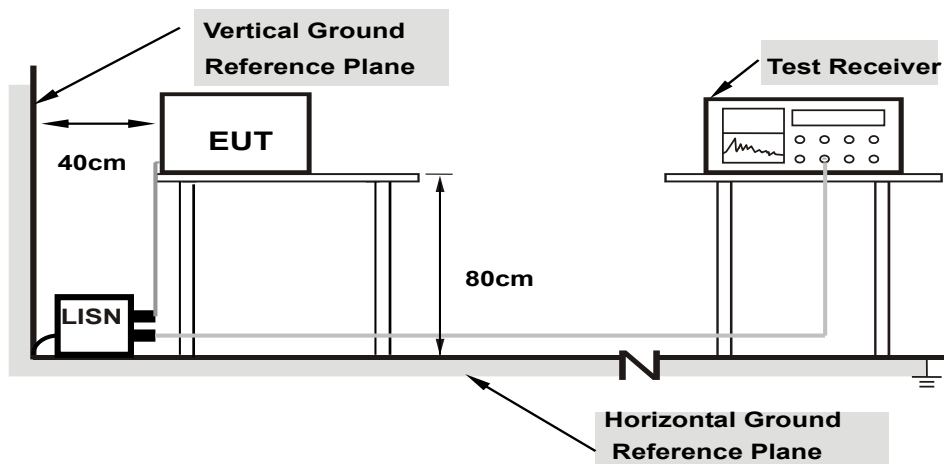
- Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
- Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters (set as following section 4.7.5 EUT operating condition).
- Determine number of times detection threshold test as following table,

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Same as EUT transmission
$BW_{Inc} < BW_{EUT} \leq 2x BW_{Inc}$	Once	Contained within BW_{EUT}
$2x BW_{Inc} < BW_{EUT} \leq 4x BW_{Inc}$	Twice. (Incumbent transmission is contained within BW_{EUT})	Closely to the lower edge and upper edge of the EUT Channel
$BW_{EUT} > 4x BW_{Inc}$	Three times	Closely to the lower edge, in the middle and upper edge of the EUT Channel

- Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use step c table to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
- Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT.
- Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
- Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
- (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
- Refer to step c table to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step d, choose a different center frequency for the AWGN signal and repeat the process.

6.8 AC Power Conducted Emissions

6.8.1 Test Setup



Note: 1. Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.8.2 Test Procedure

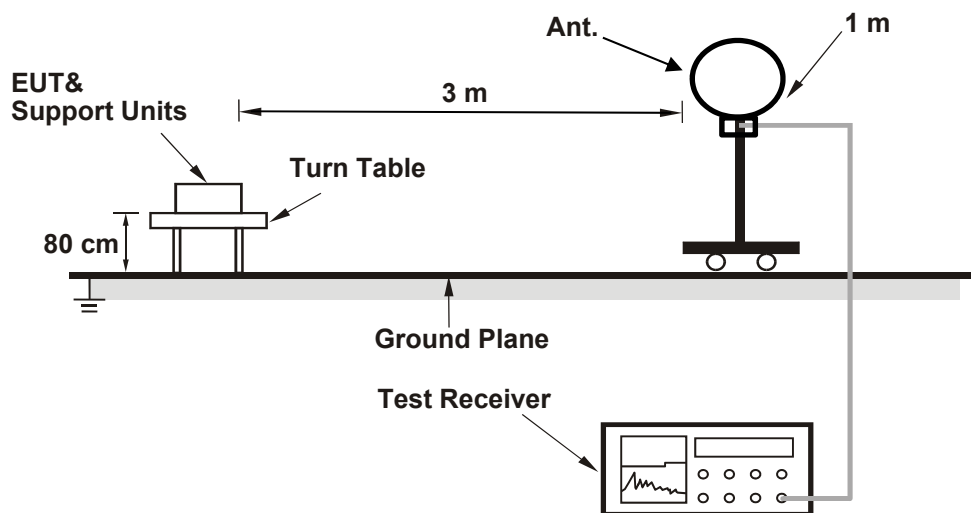
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

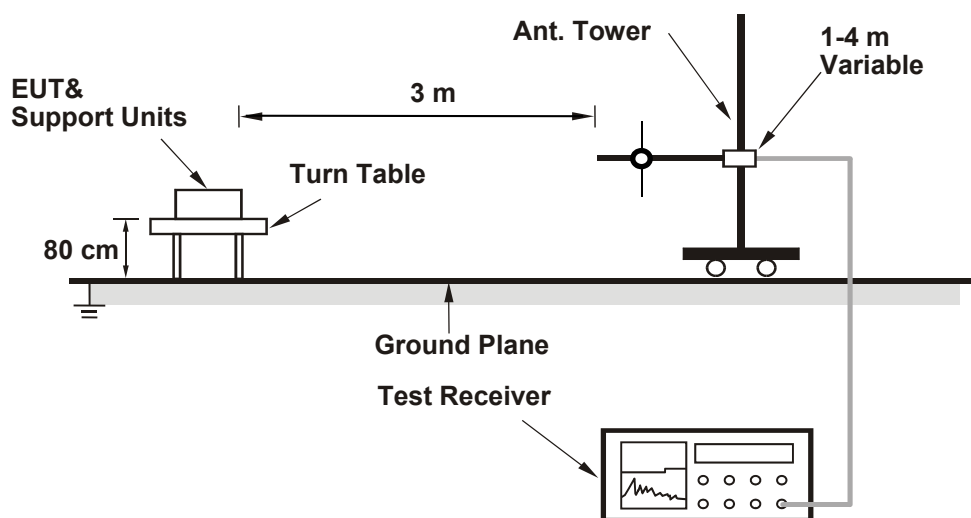
6.9 Unwanted Emissions below 1 GHz

6.9.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.9.2 Test Procedure

For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

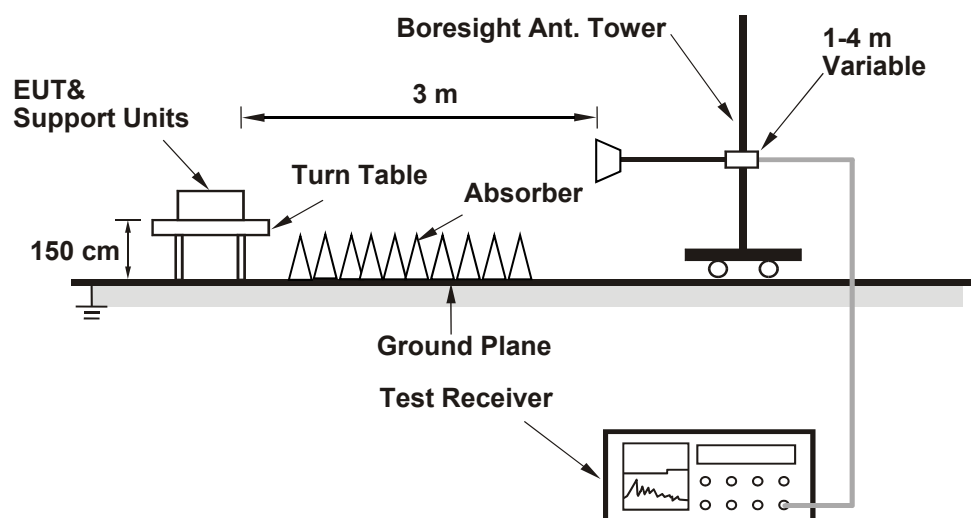
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

6.10 Unwanted Emissions above 1 GHz

6.10.1 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.10.2 Test Procedure

- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10 Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1 GHz.
- All modes of operation were investigated and the worst-case emissions are reported.

7 Test Results of Test Item

7.1 RF Output Power

Test Mode A

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Frank Liu
--------------	----------------	---------------------------	--------------	------------	-----------

802.11ax (HE20) RU26

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-5.51	-6.13	0.5246	-2.80	2.00	0.8314	-0.8	24	Pass
45	6175	-5.63	-6.48	0.4981	-3.03	2.00	0.7894	-1.03	24	Pass
93	6415	-6.21	-5.11	0.5474	-2.62	2.00	0.8676	-0.62	24	Pass
97	6435	-6.49	-5.38	0.5143	-2.89	2.00	0.8151	-0.89	24	Pass
105	6475	-6.70	-5.33	0.5068	-2.95	2.00	0.8032	-0.95	24	Pass
113	6515	-7.03	-4.79	0.5299	-2.76	2.00	0.8398	-0.76	24	Pass
117	6535	-6.61	-5.26	0.5159	-2.87	2.00	0.8176	-0.87	24	Pass
149	6695	-6.73	-4.71	0.5501	-2.60	2.00	0.8718	-0.6	24	Pass
181	6855	-7.30	-4.96	0.5056	-2.96	2.00	0.8013	-0.96	24	Pass
185	6875	-7.01	-4.68	0.539	-2.68	2.00	0.8543	-0.68	24	Pass
209	6995	-8.34	-4.66	0.4888	-3.11	2.00	0.7747	-1.11	24	Pass
233	7115	-12.39	-9.45	0.17118	-7.67	2.00	0.2713	-5.67	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-6, The maximum gain is 2 dBi
4. For U-NII-7, The maximum gain is 2 dBi
5. For U-NII-8, The maximum gain is 2 dBi

802.11ax (HE20) RU52

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-2.48	-3.10	1.0546	0.23	2.00	1.671	2.23	24	Pass
45	6175	-2.56	-3.47	1.0049	0.02	2.00	1.593	2.02	24	Pass
93	6415	-3.21	-2.10	1.0939	0.39	2.00	1.734	2.39	24	Pass
97	6435	-3.40	-2.35	1.0394	0.17	2.00	1.647	2.17	24	Pass
105	6475	-3.69	-2.28	1.0195	0.08	2.00	1.616	2.08	24	Pass
113	6515	-4.02	-1.77	1.0618	0.26	2.00	1.683	2.26	24	Pass
117	6535	-3.57	-2.22	1.04	0.17	2.00	1.648	2.17	24	Pass
149	6695	-3.71	-1.71	1.1005	0.42	2.00	1.744	2.42	24	Pass
181	6855	-4.24	-1.93	1.0177	0.08	2.00	1.613	2.08	24	Pass
185	6875	-3.95	-1.64	1.0888	0.37	2.00	1.726	2.37	24	Pass
209	6995	-5.26	-1.61	0.9873	-0.06	2.00	1.565	1.95	24	Pass
233	7115	-9.38	-6.40	0.3444	-4.63	2.00	0.5458	-2.63	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-6, The maximum gain is 2 dBi
4. For U-NII-7, The maximum gain is 2 dBi
5. For U-NII-8, The maximum gain is 2 dBi

802.11ax (HE20) RU106

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	0.57	-0.07	2.1235	3.27	2.00	3.366	5.27	24	Pass
45	6175	0.48	-0.38	2.033	3.08	2.00	3.222	5.08	24	Pass
93	6415	-0.14	0.94	2.211	3.45	2.00	3.504	5.45	24	Pass
97	6435	-0.32	0.73	2.1104	3.24	2.00	3.345	5.24	24	Pass
105	6475	-0.60	0.77	2.0641	3.15	2.00	3.271	5.15	24	Pass
113	6515	-0.95	1.30	2.1531	3.33	2.00	3.412	5.33	24	Pass
117	6535	-0.55	0.87	2.1021	3.23	2.00	3.332	5.23	24	Pass
149	6695	-0.68	1.35	2.2205	3.46	2.00	3.519	5.46	24	Pass
181	6855	-1.23	1.14	2.0528	3.12	2.00	3.253	5.12	24	Pass
185	6875	-0.95	1.44	2.1984	3.42	2.00	3.484	5.42	24	Pass
209	6995	-2.24	1.46	1.9962	3.00	2.00	3.164	5	24	Pass
233	7115	-6.30	-3.34	0.6979	-1.56	2.00	1.106	0.44	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-6, The maximum gain is 2 dBi
4. For U-NII-7, The maximum gain is 2 dBi
5. For U-NII-8, The maximum gain is 2 dBi

802.11ax (HE20) Full RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	3.12	2.52	3.837	5.84	2.00	6.081	7.84	24	Pass
45	6175	3.50	2.67	4.087	6.11	2.00	6.477	8.11	24	Pass
93	6415	2.43	3.47	3.970	5.99	2.00	6.292	7.99	24	Pass
97	6435	2.19	3.29	3.789	5.79	2.00	6.005	7.79	24	Pass
105	6475	1.93	3.27	3.684	5.66	2.00	5.839	7.66	24	Pass
113	6515	1.08	3.33	3.438	5.36	2.00	5.449	7.36	24	Pass
117	6535	1.97	3.45	3.787	5.78	2.00	6.002	7.78	24	Pass
149	6695	1.36	3.36	3.537	5.49	2.00	5.606	7.49	24	Pass
181	6855	0.84	3.18	3.295	5.18	2.00	5.222	7.18	24	Pass
185	6875	1.08	3.47	3.506	5.45	2.00	5.557	7.45	24	Pass
209	6995	-0.24	3.48	3.175	5.02	2.00	5.031	7.02	24	Pass
233	7115	0.21	3.25	3.163	5.00	2.00	5.013	7.00	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-6, The maximum gain is 2 dBi
4. For U-NII-7, The maximum gain is 2 dBi
5. For U-NII-8, The maximum gain is 2 dBi

802.11ax (HE40) Full RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
3	5965	6.11	5.31	7.479	8.74	2.00	11.853	10.74	24	Pass
43	6165	6.25	5.09	7.445	8.72	2.00	11.800	10.72	24	Pass
91	6405	4.36	6.23	6.929	8.41	2.00	10.982	10.41	24	Pass
99	6445	4.47	6.20	6.968	8.43	2.00	11.044	10.43	24	Pass
107	6485	4.74	6.24	7.178	8.56	2.00	11.376	10.56	24	Pass
115	6525	4.63	6.15	7.019	8.46	2.00	11.124	10.46	24	Pass
123	6565	5.11	6.36	7.568	8.79	2.00	11.994	10.79	24	Pass
155	6725	4.75	6.43	7.381	8.68	2.00	11.698	10.68	24	Pass
179	6845	4.15	6.24	6.807	8.33	2.00	10.788	10.33	24	Pass
187	6885	3.96	6.45	6.908	8.39	2.00	10.948	10.39	24	Pass
211	7005	2.77	6.13	5.992	7.78	2.00	9.497	9.78	24	Pass
227	7085	2.56	6.13	5.905	7.71	2.00	9.359	9.71	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-6, The maximum gain is 2 dBi
4. For U-NII-7, The maximum gain is 2 dBi
5. For U-NII-8, The maximum gain is 2 dBi

802.11ax (HE80) Full RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
7	5985	8.95	8.09	14.302	11.55	2.00	22.667	13.55	24	Pass
39	6145	8.79	7.59	13.303	11.24	2.00	21.084	13.24	24	Pass
87	6385	7.58	8.79	13.296	11.24	2.00	21.073	13.24	24	Pass
103	6465	7.71	8.87	13.606	11.34	2.00	21.564	13.34	24	Pass
119	6545	7.95	8.97	14.127	11.50	2.00	22.39	13.50	24	Pass
151	6705	7.26	8.99	13.251	11.22	2.00	21.001	13.22	24	Pass
183	6865	6.70	8.97	12.566	10.99	2.00	19.916	12.99	24	Pass
199	6945	6.29	8.98	12.163	10.85	2.00	19.277	12.85	24	Pass
215	7025	5.51	8.71	10.985	10.41	2.00	17.410	12.41	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-6, The maximum gain is 2 dBi
4. For U-NII-7, The maximum gain is 2 dBi
5. For U-NII-8, The maximum gain is 2 dBi

802.11ax (HE160) Full RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	11.80	10.67	26.804	14.28	2.00	42.481	16.28	24	Pass
47	6185	11.62	10.39	25.461	14.06	2.00	40.353	16.06	24	Pass
79	6345	11.94	11.98	31.408	14.97	2.00	49.778	16.97	24	Pass
111	6505	11.17	11.63	27.618	14.41	2.00	43.772	16.41	24	Pass
143	6665	11.26	11.98	29.15	14.65	2.00	46.200	16.65	24	Pass
175	6825	10.27	11.93	26.237	14.19	2.00	41.583	16.19	24	Pass
207	6985	8.59	11.79	22.334	13.49	2.00	35.397	15.49	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-6, The maximum gain is 2 dBi
4. For U-NII-7, The maximum gain is 2 dBi
5. For U-NII-8, The maximum gain is 2 dBi

Test Mode B

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyoung Wang
--------------	----------------	---------------------------	--------------	------------	---------------

802.11ax (HE20) RU26

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-5.51	-6.13	0.5246	-2.80	2.00	0.8314	-0.8	30	Pass
45	6175	-5.63	-6.48	0.4981	-3.03	2.00	0.7894	-1.03	30	Pass
93	6415	-6.21	-5.11	0.5474	-2.62	2.00	0.8676	-0.62	30	Pass
117	6535	-6.61	-5.26	0.5159	-2.87	2.00	0.8176	-0.87	30	Pass
149	6695	-6.73	-4.71	0.5501	-2.60	2.00	0.8718	-0.6	30	Pass
181	6855	-7.30	-4.96	0.5056	-2.96	2.00	0.8013	-0.96	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-7, The maximum gain is 2 dBi

802.11ax (HE20) RU52

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	-2.48	-3.10	1.0546	0.23	2.00	1.671	2.23	30	Pass
45	6175	-2.56	-3.47	1.0049	0.02	2.00	1.593	2.02	30	Pass
93	6415	-3.21	-2.10	1.0939	0.39	2.00	1.734	2.39	30	Pass
117	6535	-3.57	-2.22	1.04	0.17	2.00	1.648	2.17	30	Pass
149	6695	-3.71	-1.71	1.1005	0.42	2.00	1.744	2.42	30	Pass
181	6855	-4.24	-1.93	1.0177	0.08	2.00	1.613	2.08	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-7, The maximum gain is 2 dBi

802.11ax (HE20) RU106

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	0.57	-0.07	2.1235	3.27	2.00	3.366	5.27	30	Pass
45	6175	0.48	-0.38	2.033	3.08	2.00	3.222	5.08	30	Pass
93	6415	-0.14	0.94	2.211	3.45	2.00	3.504	5.45	30	Pass
117	6535	-0.55	0.87	2.1021	3.23	2.00	3.332	5.23	30	Pass
149	6695	-0.68	1.35	2.2205	3.46	2.00	3.519	5.46	30	Pass
181	6855	-1.23	1.14	2.0528	3.12	2.00	3.253	5.12	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-7, The maximum gain is 2 dBi

802.11ax (HE20) Full RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
1	5955	3.12	2.52	3.837	5.84	2.00	6.081	7.84	30	Pass
45	6175	3.50	2.67	4.087	6.11	2.00	6.477	8.11	30	Pass
93	6415	2.43	3.47	3.970	5.99	2.00	6.292	7.99	30	Pass
117	6535	1.97	3.45	3.787	5.78	2.00	6.002	7.78	30	Pass
149	6695	1.36	3.36	3.537	5.49	2.00	5.606	7.49	30	Pass
181	6855	0.84	3.18	3.295	5.18	2.00	5.222	7.18	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-7, The maximum gain is 2 dBi

802.11ax (HE40) Full RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
3	5965	6.11	5.31	7.479	8.74	2.00	11.853	10.74	30	Pass
43	6165	6.25	5.09	7.445	8.72	2.00	11.800	10.72	30	Pass
91	6405	4.36	6.23	6.929	8.41	2.00	10.982	10.41	30	Pass
123	6565	5.11	6.36	7.568	8.79	2.00	11.994	10.79	30	Pass
155	6725	4.75	6.43	7.381	8.68	2.00	11.698	10.68	30	Pass
179	6845	4.15	6.24	6.807	8.33	2.00	10.788	10.33	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-7, The maximum gain is 2 dBi

802.11ax (HE80) Full RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
7	5985	8.95	8.09	14.302	11.55	2.00	22.667	13.55	30	Pass
39	6145	8.79	7.59	13.303	11.24	2.00	21.084	13.24	30	Pass
87	6385	7.58	8.79	13.296	11.24	2.00	21.073	13.24	30	Pass
135	6625	7.23	8.97	13.173	11.20	2.00	20.878	13.20	30	Pass
151	6705	7.26	8.99	13.251	11.22	2.00	21.001	13.22	30	Pass
167	6785	7.24	8.96	13.167	11.19	2.00	20.868	13.19	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-7, The maximum gain is 2 dBi

802.11ax (HE160) Full RU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Maximum Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
		Chain 0	Chain 1							
15	6025	11.80	10.67	26.804	14.28	2.00	42.481	16.28	30	Pass
47	6185	11.62	10.39	25.461	14.06	2.00	40.353	16.06	30	Pass
79	6345	11.94	11.98	31.408	14.97	2.00	49.778	16.97	30	Pass
143	6665	11.26	11.98	29.150	14.65	2.00	46.200	16.65	30	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, The maximum gain is 2 dBi
3. For U-NII-7, The maximum gain is 2 dBi

7.2 Power Spectral Density

Test Mode A

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Frank Liu
--------------	----------------	---------------------------	--------------	------------	-----------

802.11ax (HE20) RU26

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
1	5955	-8.67	-9.22	-5.93	4.91	-1.02	-1	Pass
45	6175	-9.19	-9.54	-6.35	4.91	-1.44	-1	Pass
93	6415	-9.71	-8.59	-6.10	4.91	-1.19	-1	Pass
97	6435	-9.83	-8.80	-6.27	4.91	-1.36	-1	Pass
105	6475	-10.16	-8.65	-6.33	4.91	-1.42	-1	Pass
113	6515	-10.44	-8.50	-6.35	4.91	-1.44	-1	Pass
117	6535	-10.20	-8.22	-6.09	4.91	-1.18	-1	Pass
149	6695	-10.49	-8.57	-6.41	4.91	-1.5	-1	Pass
181	6855	-10.91	-8.49	-6.52	4.91	-1.61	-1	Pass
185	6875	-10.43	-7.87	-5.95	4.91	-1.04	-1	Pass
209	6995	-11.77	-8.21	-6.62	4.91	-1.71	-1	Pass
233	7115	-16.77	-12.67	-11.24	4.91	-6.33	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-6, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi
- For U-NII-8, The directional gain is 4.91 dBi

802.11ax (HE20) RU52

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
1	5955	-8.82	-9.39	-6.09	4.91	-1.18	-1	Pass
45	6175	-9.50	-9.55	-6.51	4.91	-1.6	-1	Pass
93	6415	-9.75	-8.73	-6.20	4.91	-1.29	-1	Pass
97	6435	-9.87	-8.39	-6.06	4.91	-1.15	-1	Pass
105	6475	-10.37	-8.88	-6.55	4.91	-1.64	-1	Pass
113	6515	-10.19	-8.18	-6.06	4.91	-1.15	-1	Pass
117	6535	-9.91	-8.92	-6.38	4.91	-1.47	-1	Pass
149	6695	-10.08	-8.41	-6.15	4.91	-1.24	-1	Pass
181	6855	-10.51	-8.24	-6.22	4.91	-1.31	-1	Pass
185	6875	-11.38	-7.62	-6.09	4.91	-1.18	-1	Pass
209	6995	-11.84	-7.78	-6.34	4.91	-1.43	-1	Pass
233	7115	-12.78	-16.76	-11.32	4.91	-6.41	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-6, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi
- For U-NII-8, The directional gain is 4.91 dBi

802.11ax (HE20) RU106

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
1	5955	-8.85	-9.32	-6.07	4.91	-1.16	-1	Pass
45	6175	-8.89	-9.72	-6.27	4.91	-1.36	-1	Pass
93	6415	-9.69	-8.42	-6.00	4.91	-1.09	-1	Pass
97	6435	-9.68	-8.57	-6.08	4.91	-1.17	-1	Pass
105	6475	-9.98	-8.65	-6.25	4.91	-1.34	-1	Pass
113	6515	-10.32	-8.12	-6.07	4.91	-1.16	-1	Pass
117	6535	-9.89	-8.64	-6.21	4.91	-1.3	-1	Pass
149	6695	-10.09	-8.14	-6.00	4.91	-1.09	-1	Pass
181	6855	-10.76	-8.17	-6.26	4.91	-1.35	-1	Pass
185	6875	-10.57	-7.88	-6.01	4.91	-1.1	-1	Pass
209	6995	-11.66	-7.87	-6.35	4.91	-1.44	-1	Pass
233	7115	-16.57	-13.11	-11.49	4.91	-6.58	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-6, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi
- For U-NII-8, The directional gain is 4.91 dBi

802.11ax (HE20) Full RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
1	5955	-8.75	-9.29	-6.00	4.91	-1.09	-1	Pass
45	6175	-8.84	-9.72	-6.25	4.91	-1.34	-1	Pass
93	6415	-9.64	-8.34	-5.93	4.91	-1.02	-1	Pass
97	6435	-9.62	-8.56	-6.05	4.91	-1.14	-1	Pass
105	6475	-9.97	-8.57	-6.20	4.91	-1.29	-1	Pass
113	6515	-10.31	-8.09	-6.05	4.91	-1.14	-1	Pass
117	6535	-9.83	-8.53	-6.12	4.91	-1.21	-1	Pass
149	6695	-9.99	-8.12	-5.94	4.91	-1.03	-1	Pass
181	6855	-10.66	-8.13	-6.20	4.91	-1.29	-1	Pass
185	6875	-10.41	-7.86	-5.94	4.91	-1.03	-1	Pass
209	6995	-11.59	-7.85	-6.32	4.91	-1.41	-1	Pass
233	7115	-10.63	-7.73	-5.93	4.91	-1.02	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-6, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi
- For U-NII-8, The directional gain is 4.91 dBi

802.11ax (HE40) Full RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
3	5965	-8.82	-9.58	-6.17	4.91	-1.26	-1	Pass
43	6165	-8.71	-9.75	-6.19	4.91	-1.28	-1	Pass
91	6405	-9.98	-8.14	-5.95	4.91	-1.04	-1	Pass
99	6445	-9.99	-8.15	-5.96	4.91	-1.05	-1	Pass
107	6485	-9.76	-8.25	-5.93	4.91	-1.02	-1	Pass
115	6525	-10.20	-8.73	-6.39	4.91	-1.48	-1	Pass
123	6565	-9.88	-8.48	-6.11	4.91	-1.2	-1	Pass
155	6725	-10.19	-8.57	-6.29	4.91	-1.38	-1	Pass
179	6845	-10.23	-8.25	-6.12	4.91	-1.21	-1	Pass
187	6885	-10.94	-7.99	-6.21	4.91	-1.3	-1	Pass
211	7005	-11.13	-7.86	-6.18	4.91	-1.27	-1	Pass
227	7085	-11.34	-7.81	-6.22	4.91	-1.31	-1	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-6, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi
- For U-NII-8, The directional gain is 4.91 dBi

802.11ax (HE80) Full RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
7	5985	-8.94	-9.71	-6.30	4.91	-1.39	-1	Pass
39	6145	-8.67	-9.89	-6.23	4.91	-1.32	-1	Pass
87	6385	-9.81	-8.68	-6.20	4.91	-1.29	-1	Pass
103	6465	-9.72	-8.48	-6.05	4.91	-1.14	-1	Pass
119	6545	-9.92	-8.92	-6.38	4.91	-1.47	-1	Pass
151	6705	-10.13	-8.26	-6.08	4.91	-1.17	-1	Pass
183	6865	-10.70	-8.39	-6.38	4.91	-1.47	-1	Pass
199	6945	-10.56	-7.83	-5.97	4.91	-1.06	-1	Pass
215	7025	-10.98	-7.70	-6.03	4.91	-1.12	-1	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-5, The directional gain is 4.91 dBi
4. For U-NII-6, The directional gain is 4.91 dBi
5. For U-NII-7, The directional gain is 4.91 dBi
6. For U-NII-8, The directional gain is 4.91 dBi

802.11ax (HE160) Full RU

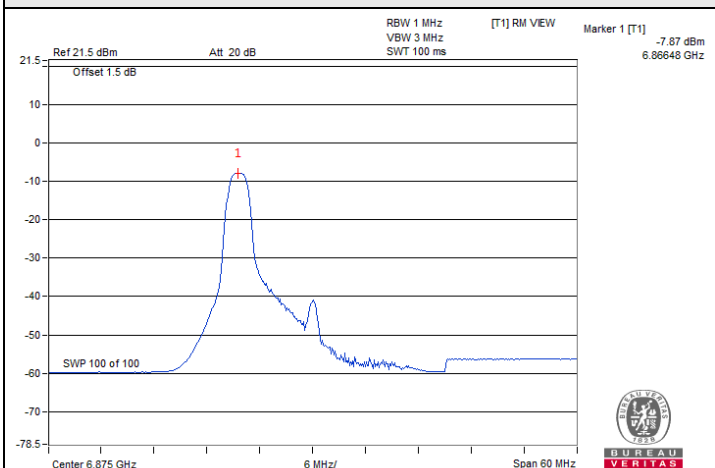
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
15	6025	-8.66	-9.75	-6.16	4.91	-1.25	-1	Pass
47	6185	-8.88	-10.00	-6.39	4.91	-1.48	-1	Pass
79	6345	-8.96	-9.10	-6.02	4.91	-1.11	-1	Pass
111	6505	-9.24	-8.75	-5.98	4.91	-1.07	-1	Pass
143	6665	-9.59	-8.92	-6.23	4.91	-1.32	-1	Pass
175	6825	-10.07	-8.44	-6.17	4.91	-1.26	-1	Pass
207	6985	-11.22	-8.09	-6.37	4.91	-1.46	-1	Pass

Notes:

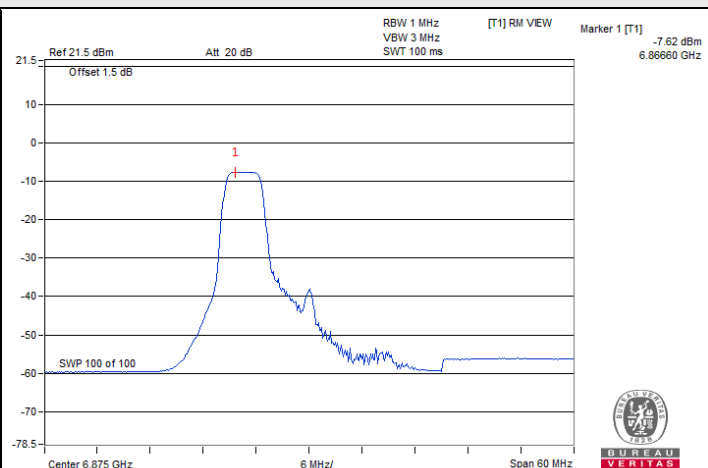
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-5, The directional gain is 4.91 dBi
4. For U-NII-6, The directional gain is 4.91 dBi
5. For U-NII-7, The directional gain is 4.91 dBi
6. For U-NII-8, The directional gain is 4.91 dBi



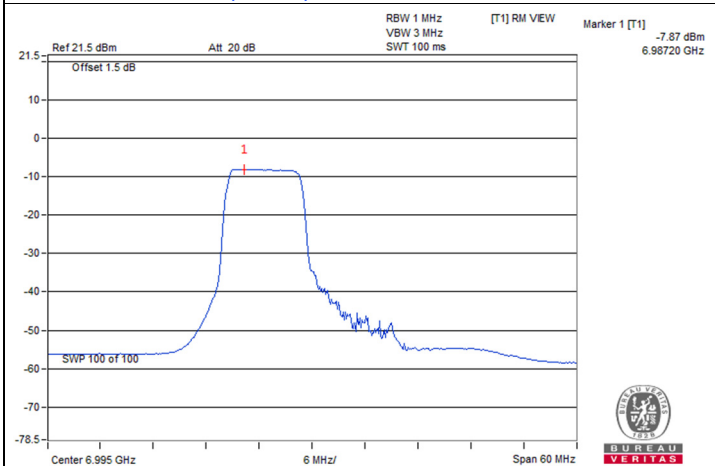
Spectrum Plot of Maximum Value



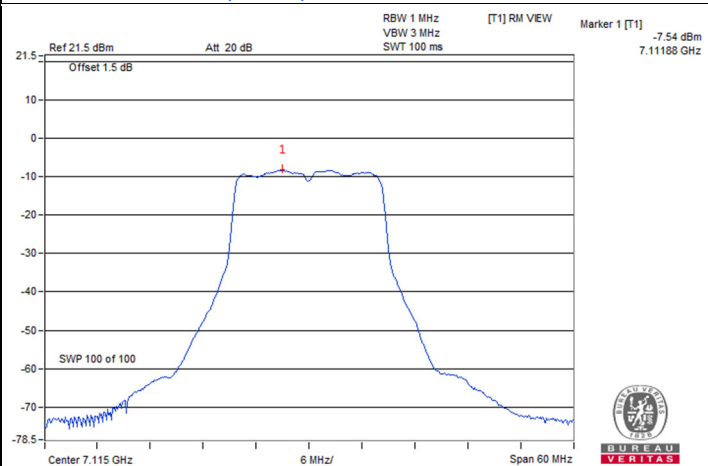
802.11ax (HE20) RU26 / Chain 1 : CH 185



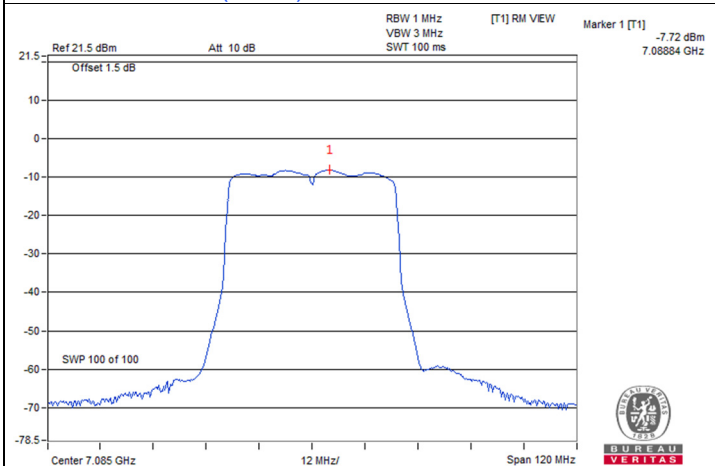
802.11ax (HE20) RU52 / Chain 1 : CH 185



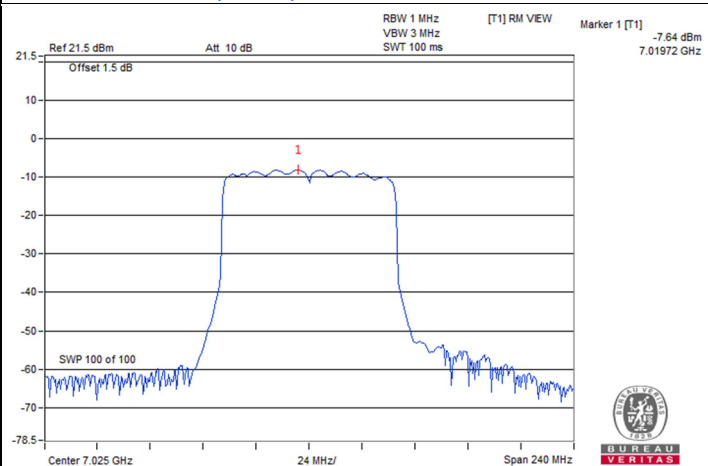
802.11ax (HE20) RU106 / Chain 1 : CH 209



802.11ax (HE20) Full RU / Chain 1 : CH 233



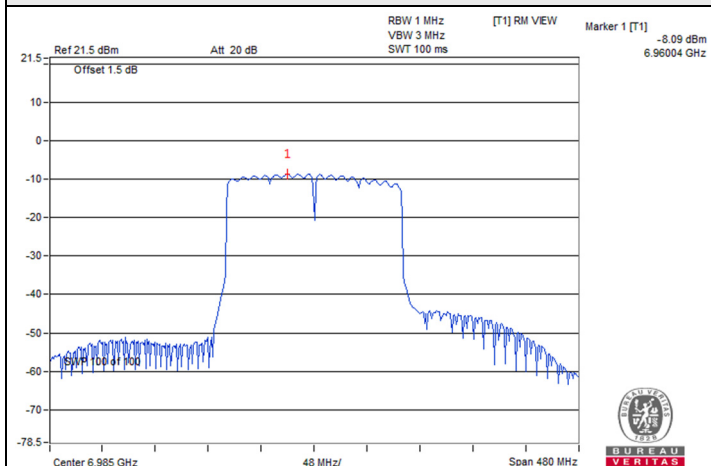
802.11ax (HE40) Full RU / Chain 1 : CH 227



802.11ax (HE80) Full RU / Chain 1 : CH 215



Spectrum Plot of Maximum Value



802.11ax (HE160) Full RU / Chain 1 : CH 207

Test Mode B

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang
--------------	----------------	---------------------------	--------------	------------	--------------

802.11ax (HE20) RU26

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
1	5955	-8.67	-9.22	-5.93	4.91	-1.02	17	Pass
45	6175	-9.19	-9.54	-6.35	4.91	-1.44	17	Pass
93	6415	-9.71	-8.59	-6.10	4.91	-1.19	17	Pass
117	6535	-10.20	-8.22	-6.09	4.91	-1.18	17	Pass
149	6695	-10.49	-8.57	-6.41	4.91	-1.5	17	Pass
181	6855	-10.91	-8.49	-6.52	4.91	-1.61	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi

802.11ax (HE20) RU52

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
1	5955	-8.82	-9.39	-6.09	4.91	-1.18	17	Pass
45	6175	-9.50	-9.55	-6.51	4.91	-1.6	17	Pass
93	6415	-9.75	-8.73	-6.20	4.91	-1.29	17	Pass
117	6535	-9.91	-8.92	-6.38	4.91	-1.47	17	Pass
149	6695	-10.08	-8.41	-6.15	4.91	-1.24	17	Pass
181	6855	-10.51	-8.24	-6.22	4.91	-1.31	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi

802.11ax (HE20) RU106

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
1	5955	-8.85	-9.32	-6.07	4.91	-1.16	17	Pass
45	6175	-8.89	-9.72	-6.27	4.91	-1.36	17	Pass
93	6415	-9.69	-8.42	-6.00	4.91	-1.09	17	Pass
117	6535	-9.89	-8.64	-6.21	4.91	-1.3	17	Pass
149	6695	-10.09	-8.14	-6.00	4.91	-1.09	17	Pass
181	6855	-10.76	-8.17	-6.26	4.91	-1.35	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi

802.11ax (HE20) Full RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
1	5955	-8.75	-9.29	-6.00	4.91	-1.09	17	Pass
45	6175	-8.84	-9.72	-6.25	4.91	-1.34	17	Pass
93	6415	-9.64	-8.34	-5.93	4.91	-1.02	17	Pass
117	6535	-9.83	-8.53	-6.12	4.91	-1.21	17	Pass
149	6695	-9.99	-8.12	-5.94	4.91	-1.03	17	Pass
181	6855	-10.66	-8.13	-6.20	4.91	-1.29	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi

802.11ax (HE40) Full RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
3	5965	-8.82	-9.58	-6.17	4.91	-1.26	17	Pass
43	6165	-8.71	-9.75	-6.19	4.91	-1.28	17	Pass
91	6405	-9.98	-8.14	-5.95	4.91	-1.04	17	Pass
123	6565	-9.88	-8.48	-6.11	4.91	-1.2	17	Pass
155	6725	-10.19	-8.57	-6.29	4.91	-1.38	17	Pass
179	6845	-10.23	-8.25	-6.12	4.91	-1.21	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi

802.11ax (HE80) Full RU

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
7	5985	-8.94	-9.71	-6.30	4.91	-1.39	17	Pass
39	6145	-8.67	-9.89	-6.23	4.91	-1.32	17	Pass
87	6385	-9.81	-8.68	-6.20	4.91	-1.29	17	Pass
135	6625	-10.26	-8.18	-6.09	4.91	-1.18	17	Pass
151	6705	-10.13	-8.26	-6.08	4.91	-1.17	17	Pass
167	6785	-10.26	-8.52	-6.29	4.91	-1.38	17	Pass

Notes:

- Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
- For U-NII-5, The directional gain is 4.91 dBi
- For U-NII-7, The directional gain is 4.91 dBi

802.11ax (HE160) Full RU

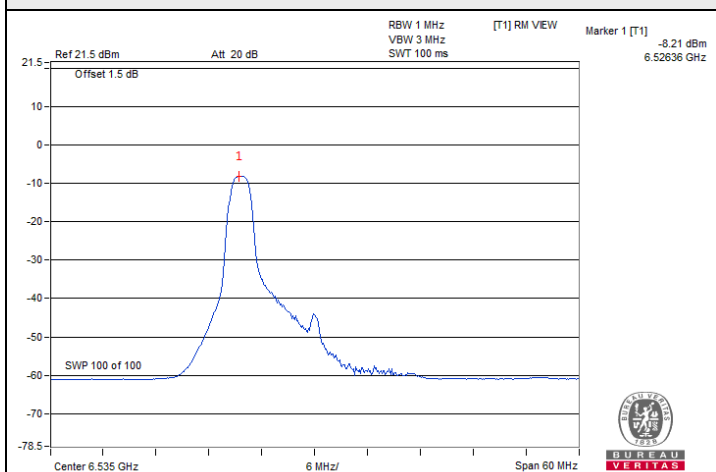
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1					
15	6025	-8.66	-9.75	-6.16	4.91	-1.25	17	Pass
47	6185	-8.88	-10.00	-6.39	4.91	-1.48	17	Pass
79	6345	-8.96	-9.10	-6.02	4.91	-1.11	17	Pass
143	6665	-9.59	-8.92	-6.23	4.91	-1.32	17	Pass

Notes:

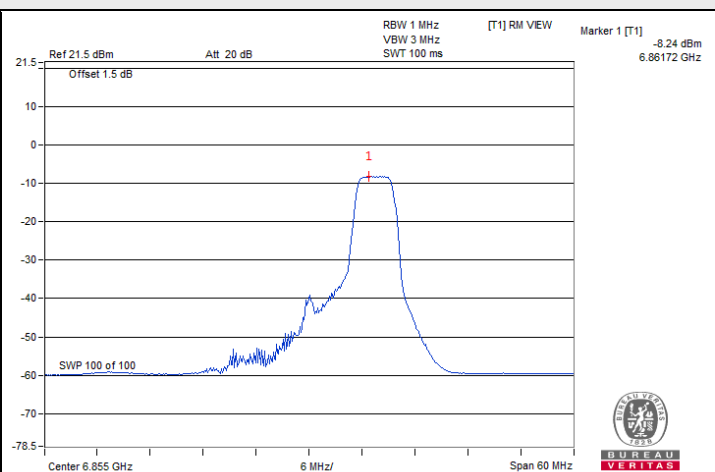
1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = $10 \log[(10^{\text{Chain0}/20} + 10^{\text{Chain1}/20})^2 / 2]$
3. For U-NII-5, The directional gain is 4.91 dBi
4. For U-NII-7, The directional gain is 4.91 dBi



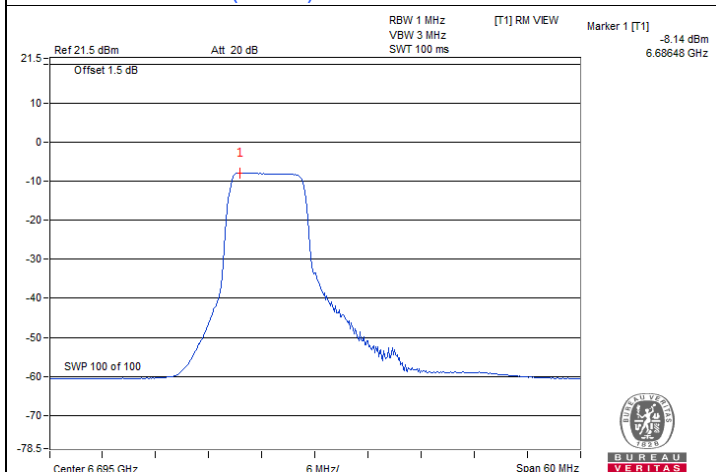
Spectrum Plot of Maximum Value



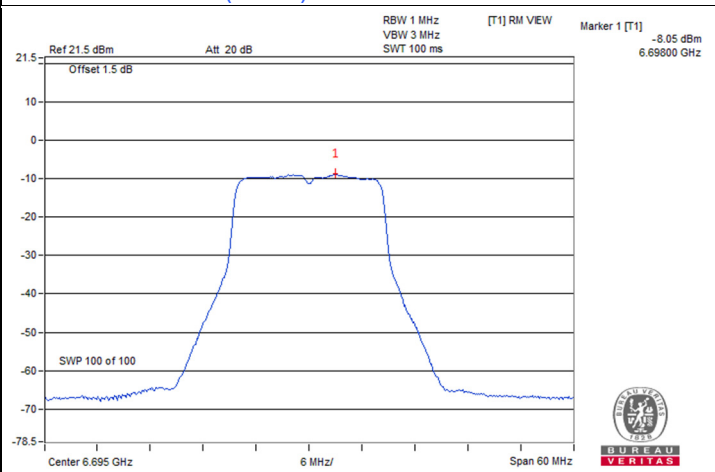
802.11ax (HE20) RU26 / Chain 1 : CH 117



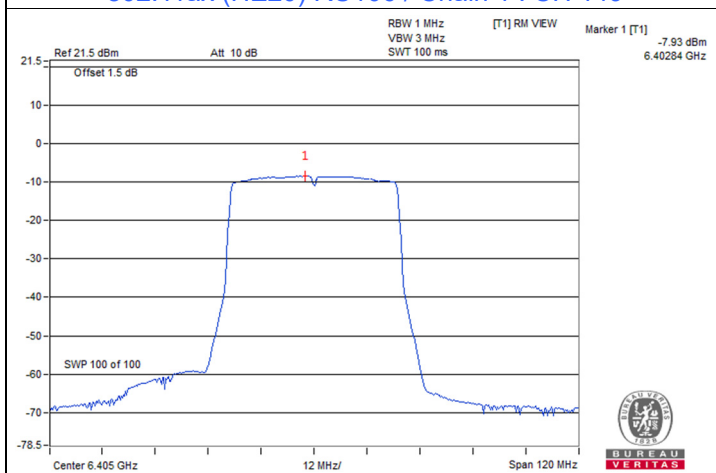
802.11ax (HE20) RU52 / Chain 1 : CH 181



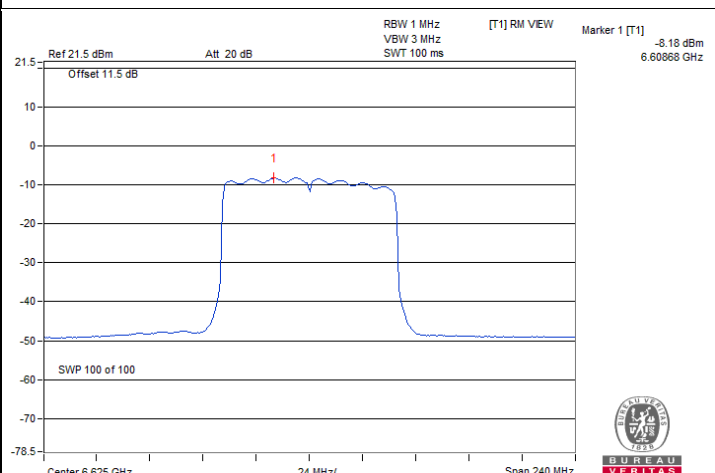
802.11ax (HE20) RU106 / Chain 1 : CH 149



802.11ax (HE20) Full RU / Chain 1 : CH 149

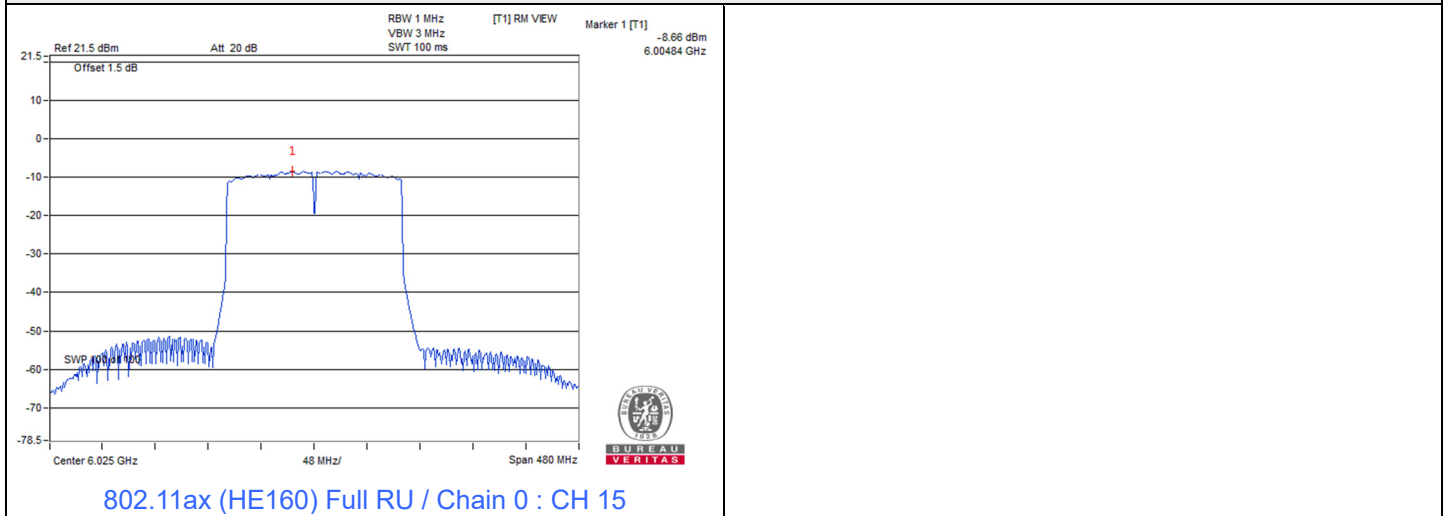


802.11ax (HE40) Full RU / Chain 1 : CH 91



802.11ax (HE80) Full RU / Chain 1 : CH 135

Spectrum Plot of Maximum Value



7.3 Emission Bandwidth

Test Mode A

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Frank Liu
--------------	----------------	---------------------------	--------------	------------	-----------

802.11ax (HE20) RU26

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	20.65	21.06
45	6175	20.64	20.93
93	6415	21.04	21.03
97	6435	21.10	20.88
105	6475	20.81	20.93
113	6515	20.98	21.00
117	6535	20.92	20.90
149	6695	20.93	20.87
181	6855	21.31	21.09
185	6875	20.94	21.15
209	6995	20.55	21.31
233	7115	20.76	20.76

802.11ax (HE20) RU52

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	21.30	21.26
45	6175	21.14	21.17
93	6415	20.91	21.16
97	6435	21.41	21.38
105	6475	21.32	21.31
113	6515	21.19	21.26
117	6535	21.30	21.17
149	6695	21.35	21.31
181	6855	21.30	21.35
185	6875	21.57	21.26
209	6995	21.70	21.34
233	7115	20.98	20.69

802.11ax (HE20) RU106

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	21.87	21.84
45	6175	21.92	22.05
93	6415	21.62	21.65
97	6435	21.94	22.13
105	6475	21.97	21.85
113	6515	21.70	21.65
117	6535	21.94	21.88
149	6695	21.98	22.00
181	6855	21.74	21.63
185	6875	21.95	21.95
209	6995	22.49	22.47
233	7115	21.20	21.16

802.11ax (HE20) Full RU

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	21.64	21.66
45	6175	21.97	21.41
93	6415	21.78	21.98
97	6435	21.42	21.59
105	6475	21.36	21.61
113	6515	21.51	21.41
117	6535	21.55	21.99
149	6695	21.34	21.50
181	6855	21.16	21.18
185	6875	21.26	21.26
209	6995	21.56	21.45
233	7115	21.27	21.50

802.11ax (HE40) Full RU

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
3	5965	41.62	42.17
43	6165	41.88	41.86
91	6405	41.97	41.96
99	6445	41.95	41.79
107	6485	41.94	42.10
115	6525	41.60	41.68
123	6565	42.13	41.80
155	6725	41.79	42.37
179	6845	41.68	41.79
187	6885	41.78	41.76
211	7005	42.03	41.80
227	7085	41.85	41.96

802.11ax (HE80) Full RU

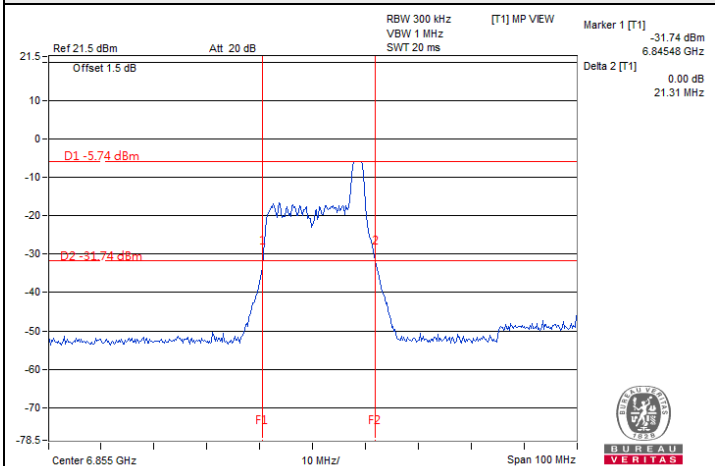
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	83.35	83.42
39	6145	82.75	83.70
87	6385	83.45	83.24
103	6465	83.71	83.18
119	6545	83.44	83.35
151	6705	83.50	82.98
183	6865	83.13	83.63
199	6945	83.12	84.28
215	7025	82.88	83.36

802.11ax (HE160) Full RU

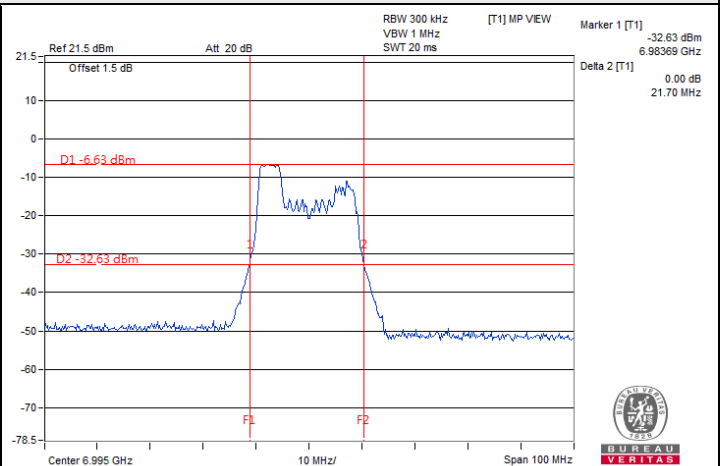
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	170.57	169.88
47	6185	169.83	170.23
79	6345	169.11	170.10
111	6505	169.70	169.89
143	6665	169.66	169.58
175	6825	169.29	169.21
207	6985	169.30	169.14



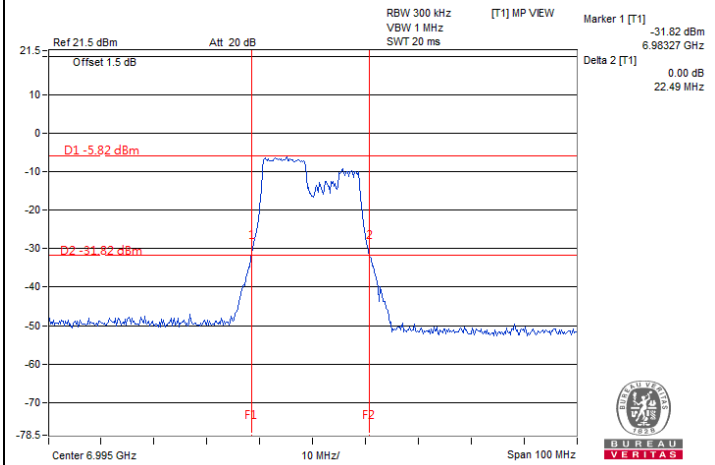
Spectrum Plot of Maximum Value



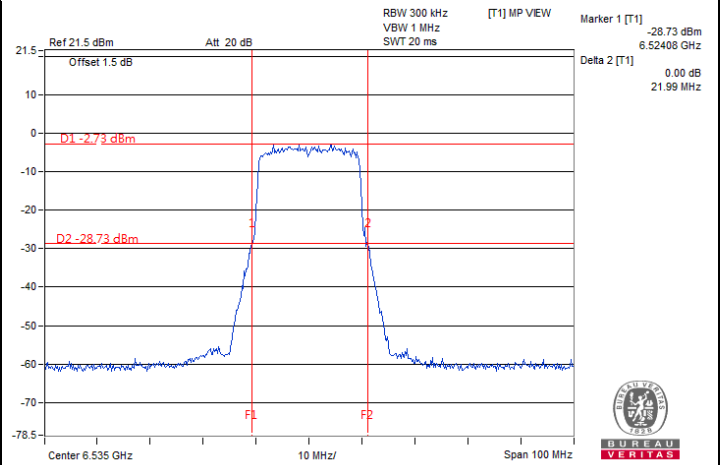
802.11ax (HE20) RU26 / Chain 0 : CH 181



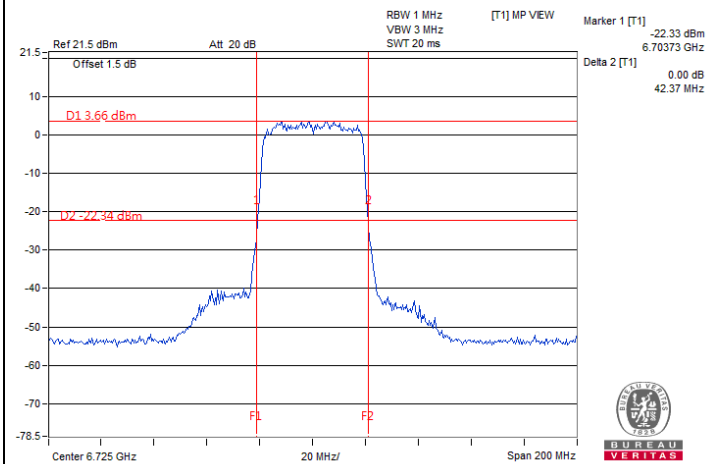
802.11ax (HE20) RU52 / Chain 0 : CH 209



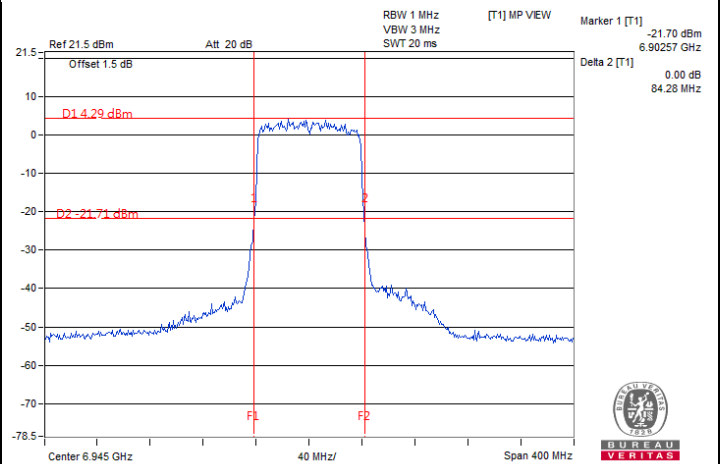
802.11ax (HE20) RU106 / Chain 0 : CH 209



802.11ax (HE20) Full RU / Chain 1 : CH 117



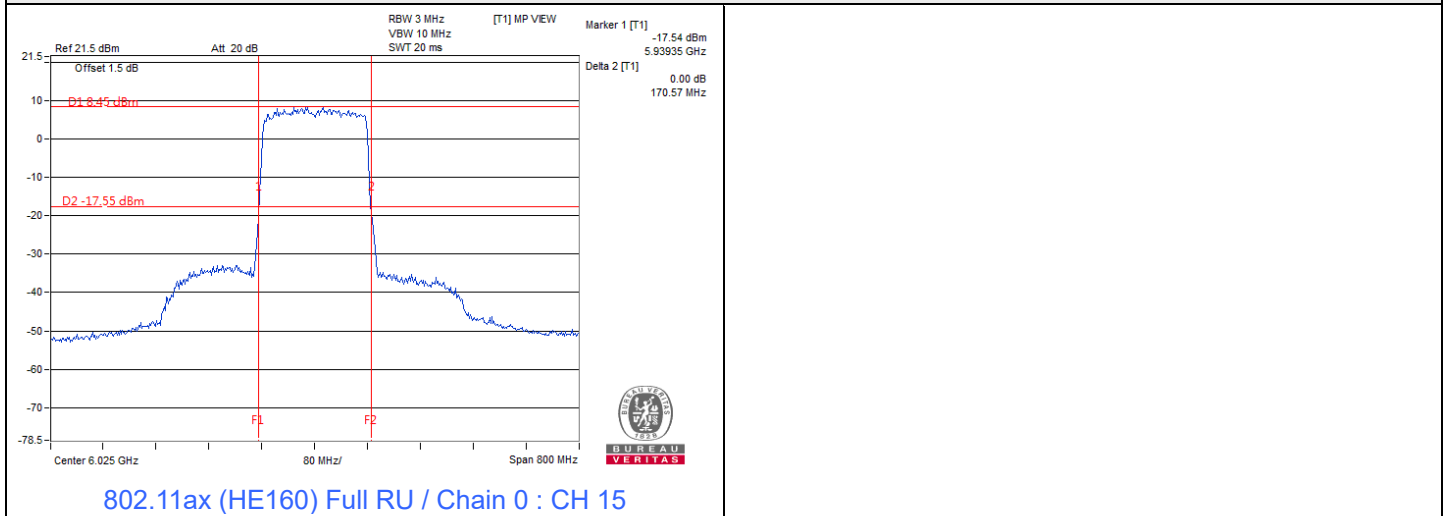
802.11ax (HE40) Full RU / Chain 1 : CH 155



802.11ax (HE80) Full RU / Chain 1 : CH 199



Spectrum Plot of Maximum Value



Test Mode B

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang
--------------	----------------	---------------------------	--------------	------------	--------------

802.11ax (HE20) RU26

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	20.65	21.06
45	6175	20.64	20.93
93	6415	21.04	21.03
117	6535	20.92	20.90
149	6695	20.93	20.87
181	6855	21.31	21.09

802.11ax (HE20) RU52

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	21.30	21.26
45	6175	21.14	21.17
93	6415	20.91	21.16
117	6535	21.30	21.17
149	6695	21.35	21.31
181	6855	21.30	21.35

802.11ax (HE20) RU106

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	21.87	21.84
45	6175	21.92	22.05
93	6415	21.62	21.65
117	6535	21.94	21.88
149	6695	21.98	22.00
181	6855	21.74	21.63

802.11ax (HE20) Full RU

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	21.64	21.66
45	6175	21.97	21.41
93	6415	21.78	21.98
117	6535	21.55	21.99
149	6695	21.34	21.50
181	6855	21.16	21.18

802.11ax (HE40) Full RU

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
3	5965	41.62	42.17
43	6165	41.88	41.86
91	6405	41.97	41.96
123	6565	42.13	41.80
155	6725	41.79	42.37
179	6845	41.68	41.79

802.11ax (HE80) Full RU

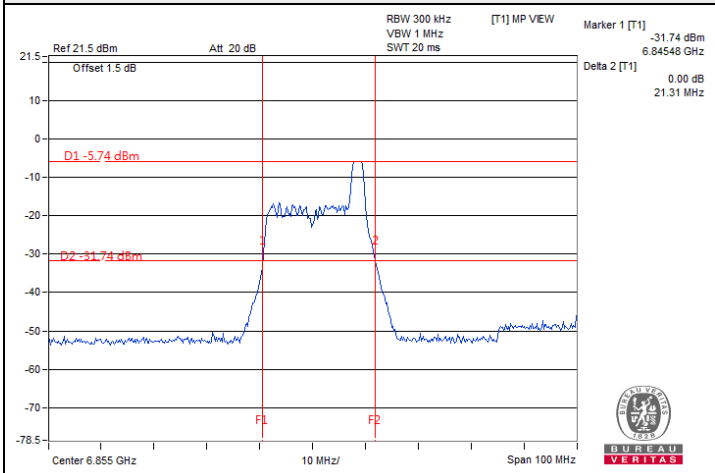
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	83.35	83.42
39	6145	82.75	83.70
87	6385	83.45	83.24
135	6625	83.31	83.76
151	6705	83.50	82.98
167	6785	83.06	83.32

802.11ax (HE160) Full RU

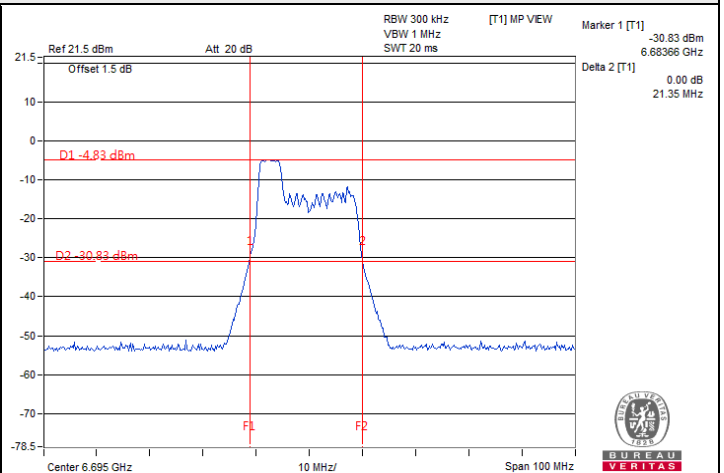
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	170.57	169.88
47	6185	169.83	170.23
79	6345	169.11	170.10
143	6665	169.66	169.58



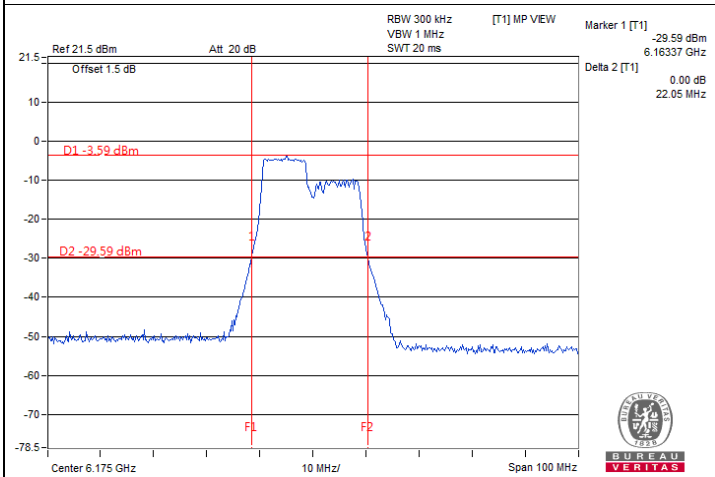
Spectrum Plot of Maximum Value



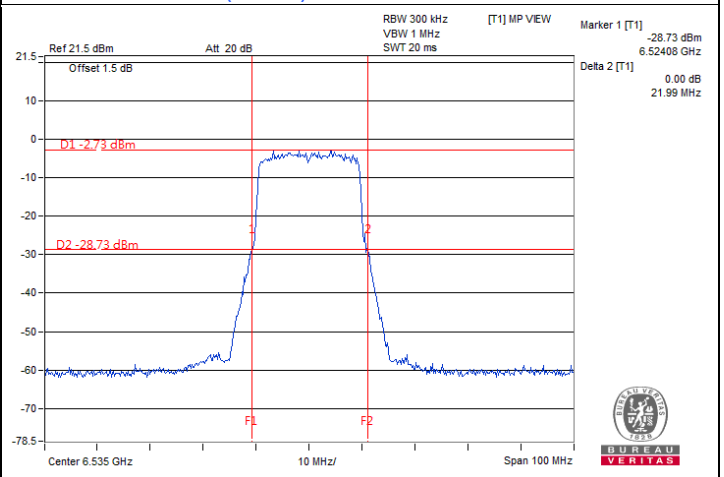
802.11ax (HE20) RU26 / Chain 0 : CH 181



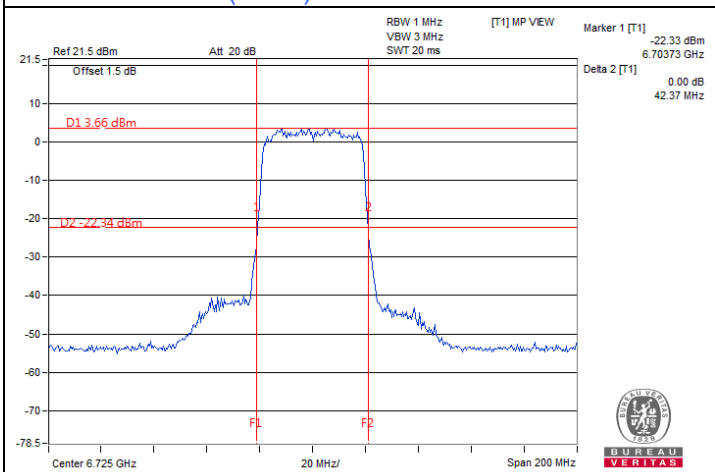
802.11ax (HE20) RU52 / Chain 0 : CH 149



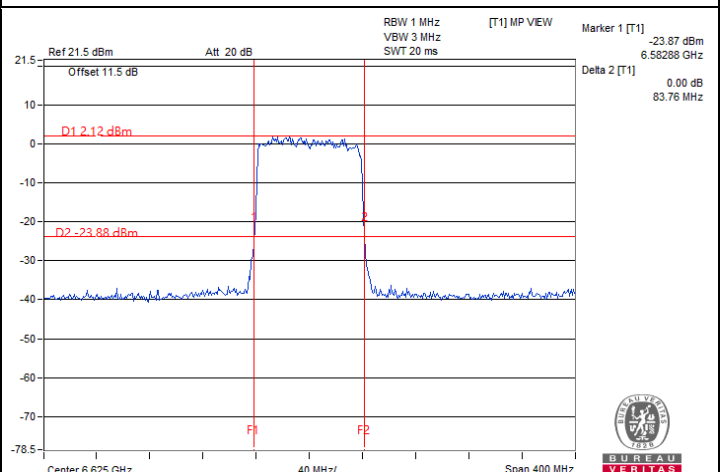
802.11ax (HE20) RU106 / Chain 1 : CH 45



802.11ax (HE20) Full RU / Chain 1 : CH 117



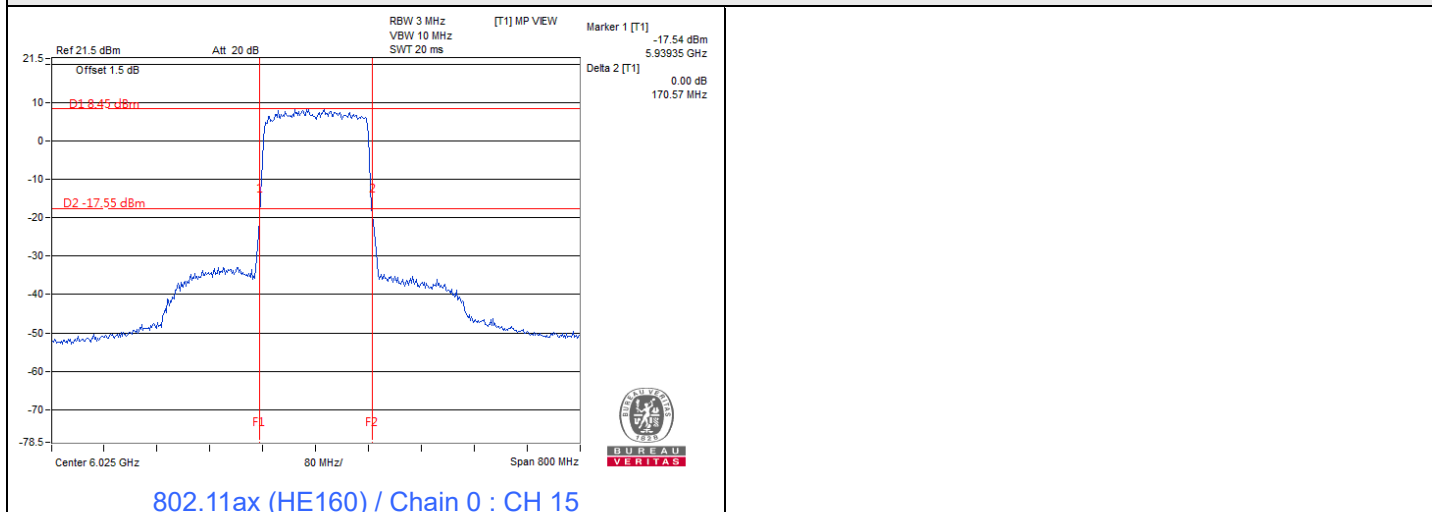
802.11ax (HE40) / Chain 1 : CH 155



802.11ax (HE80) / Chain 1 : CH 135



Spectrum Plot of Maximum Value



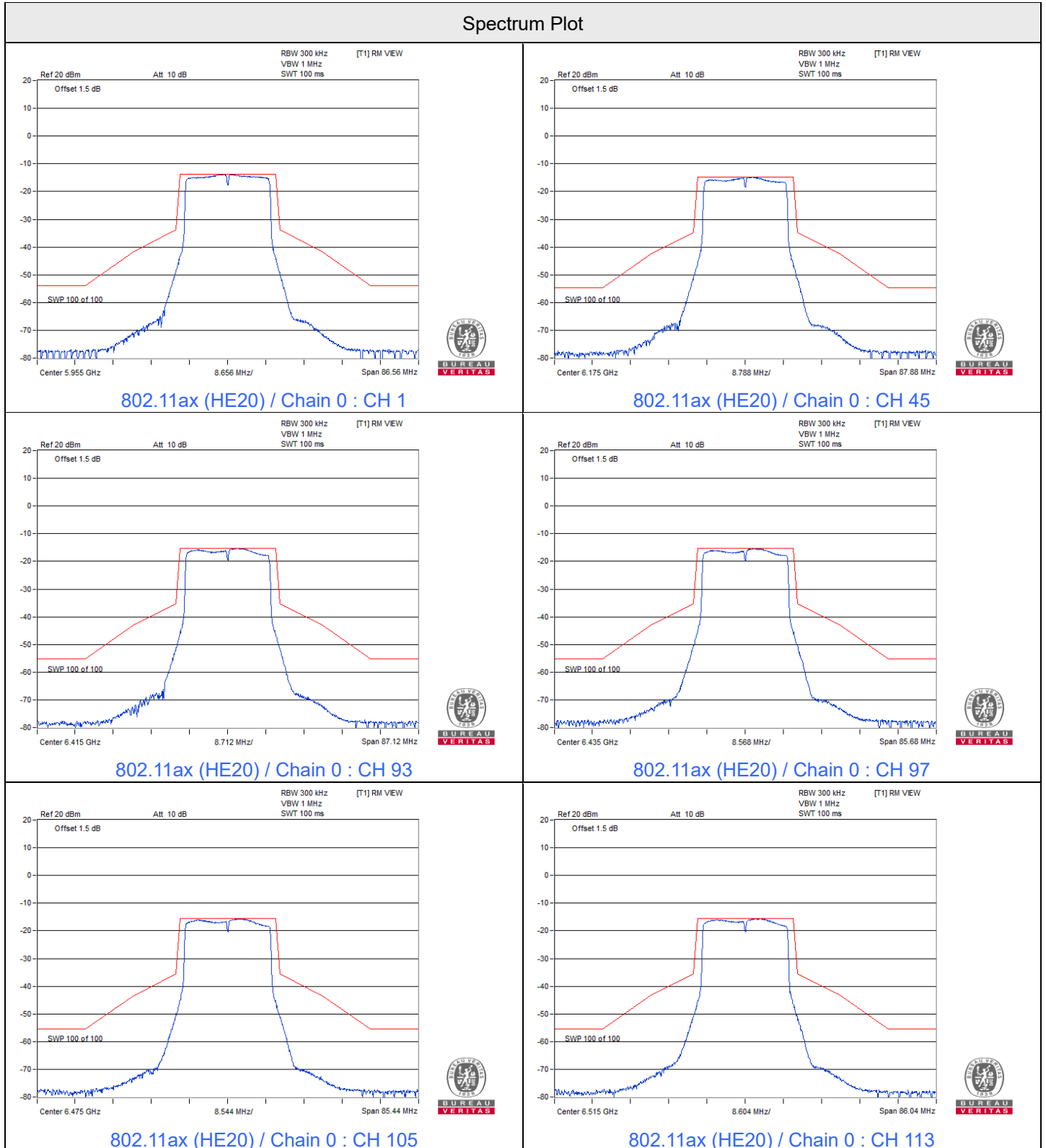
802.11ax (HE160) / Chain 0 : CH 15

7.4 In-Band Emission Mask

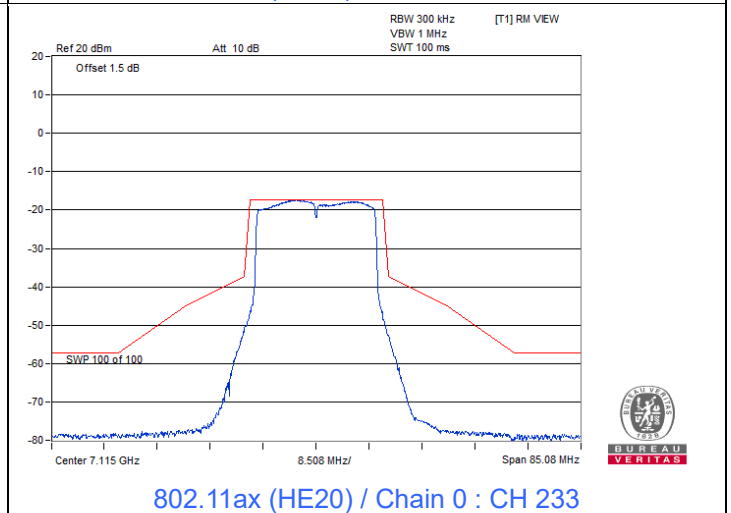
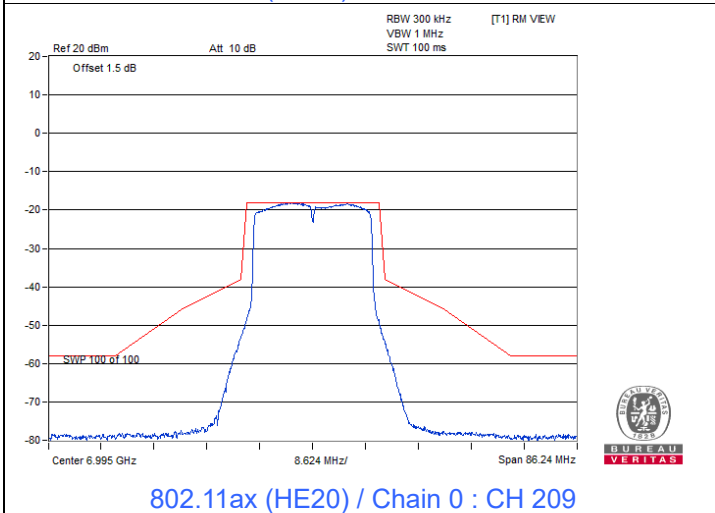
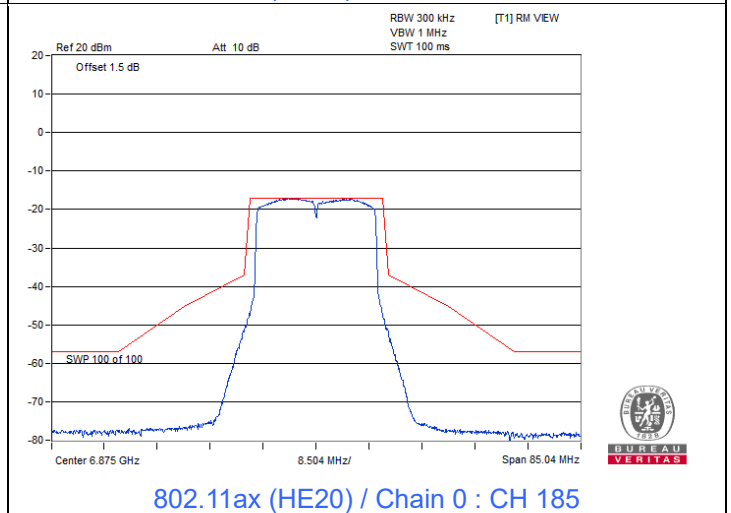
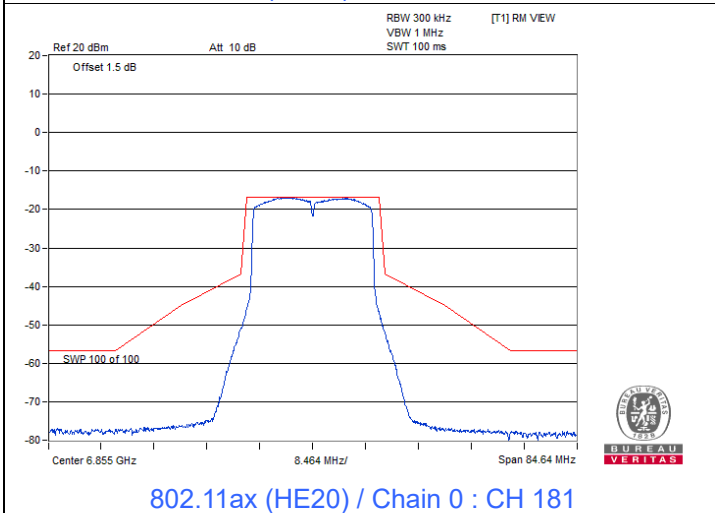
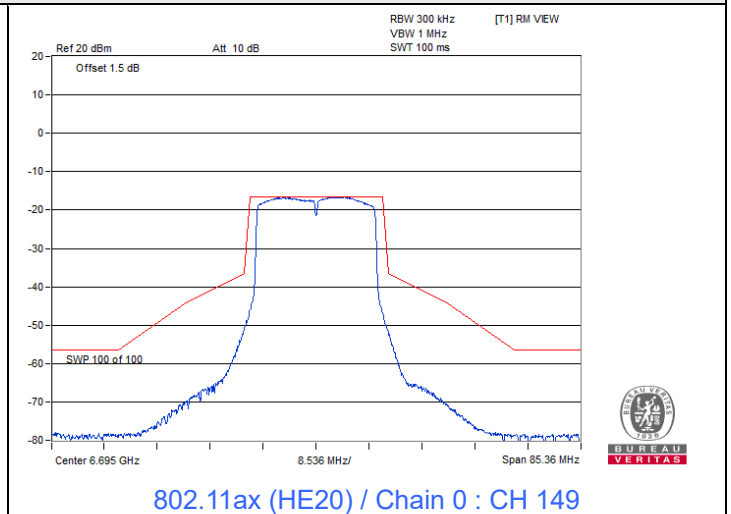
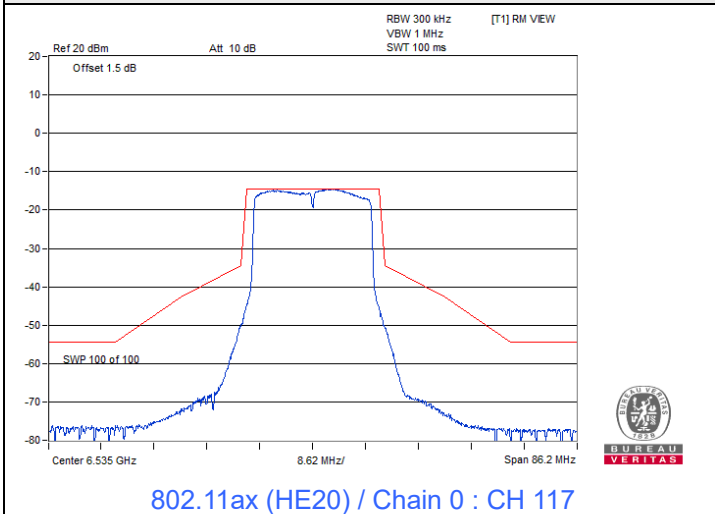
Test Mode A

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Frank Liu
--------------	----------------	---------------------------	--------------	------------	-----------

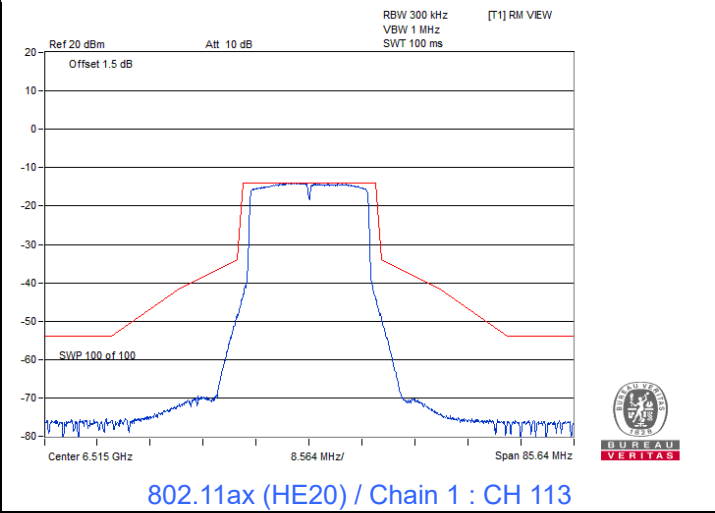
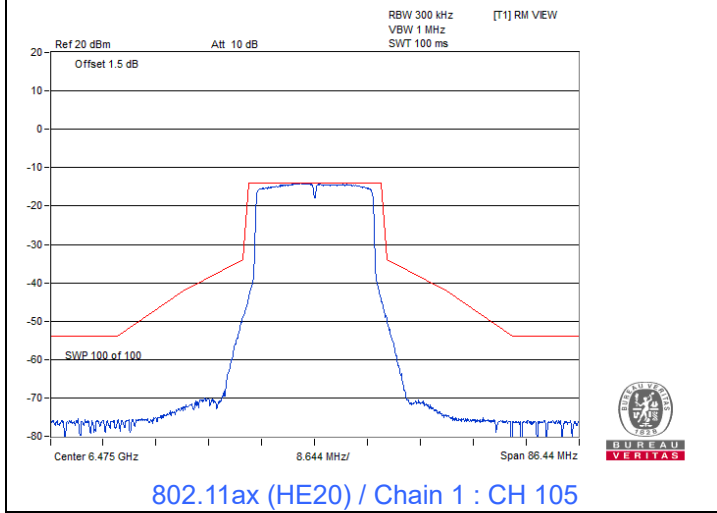
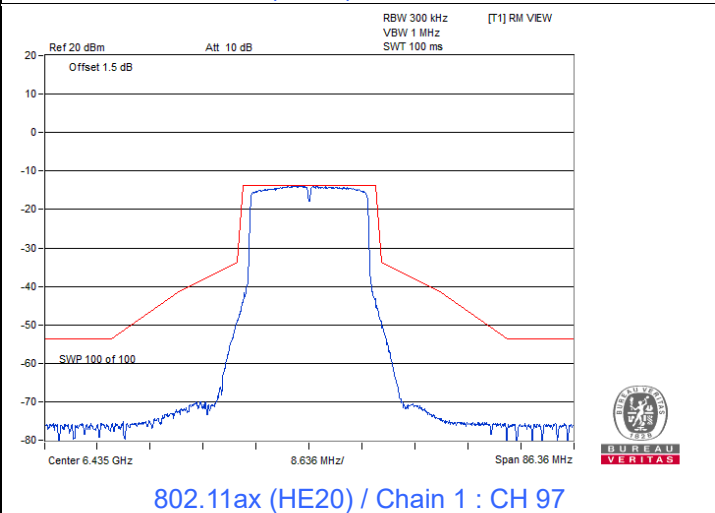
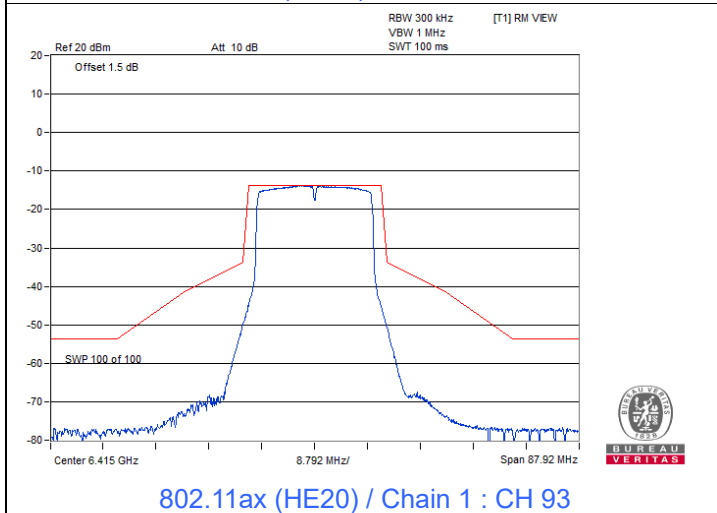
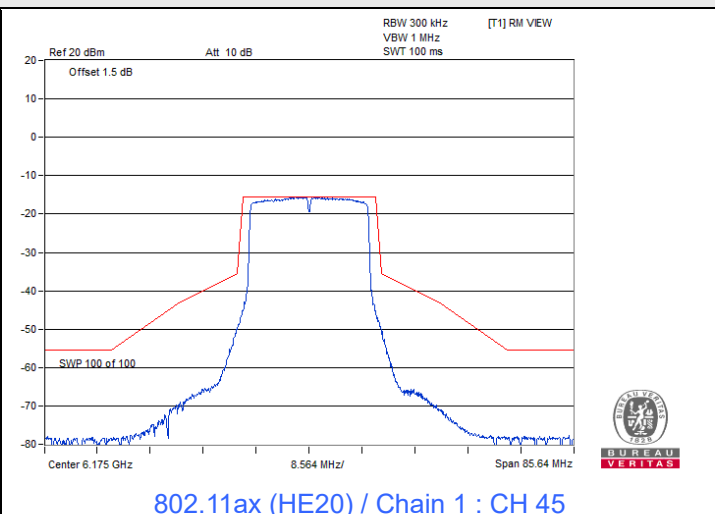
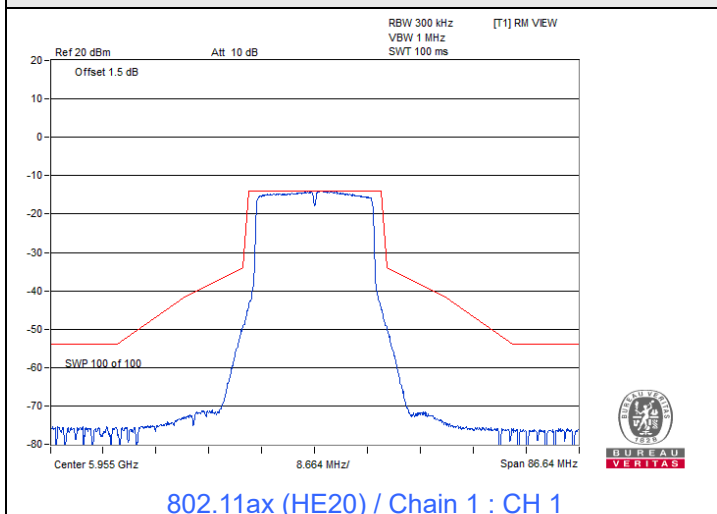
802.11ax (HE20)



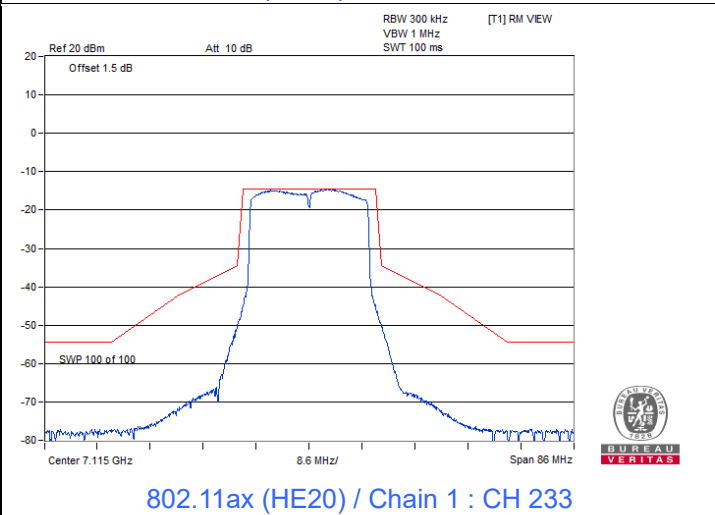
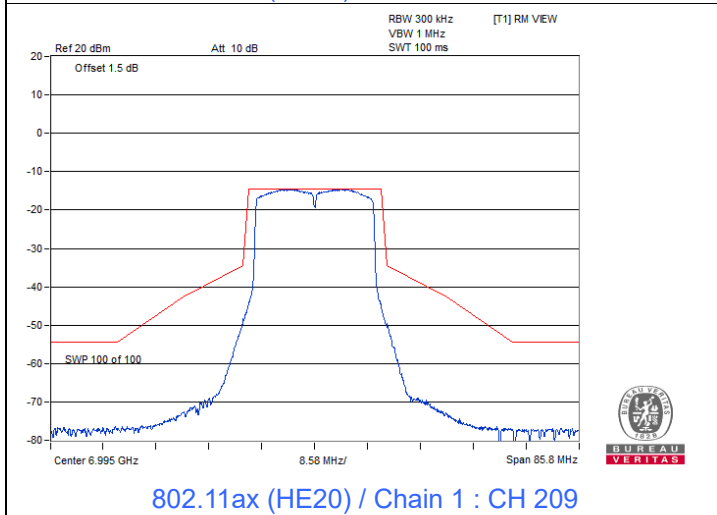
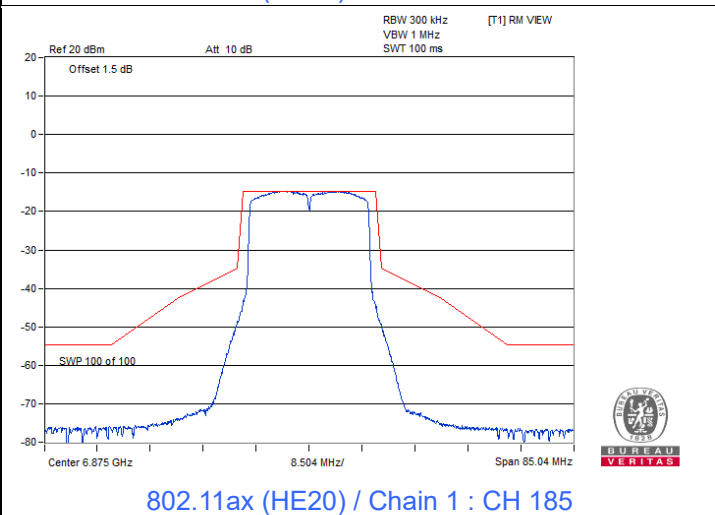
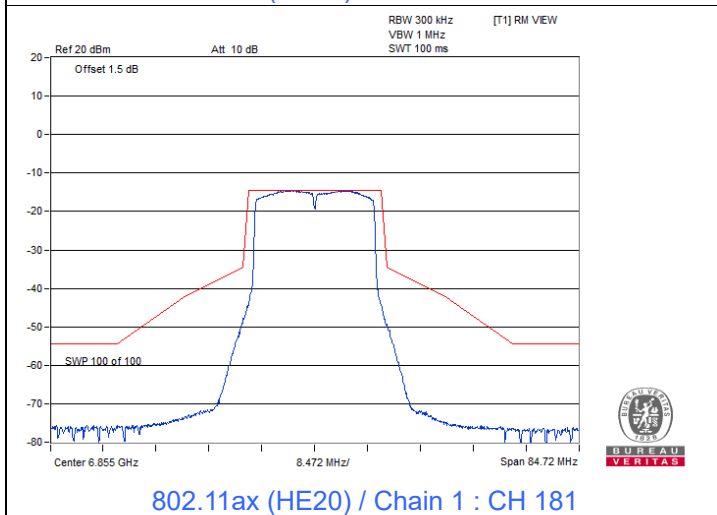
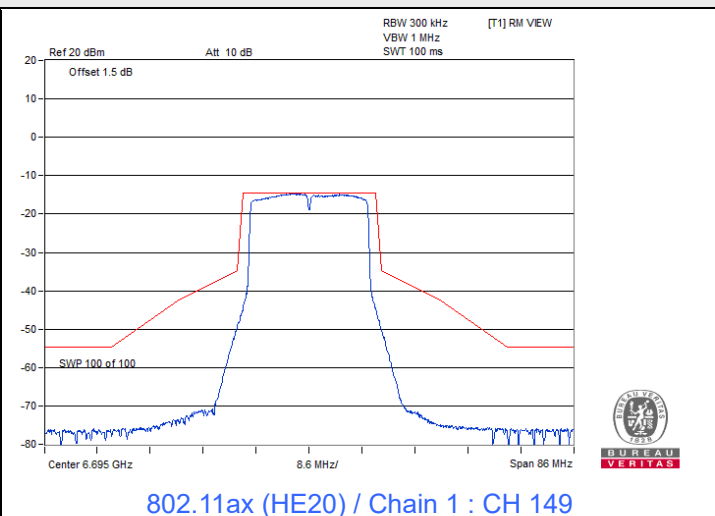
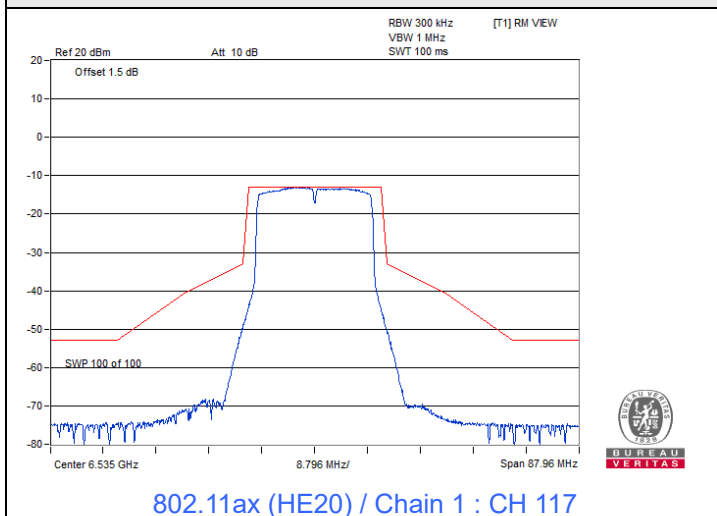
Spectrum Plot



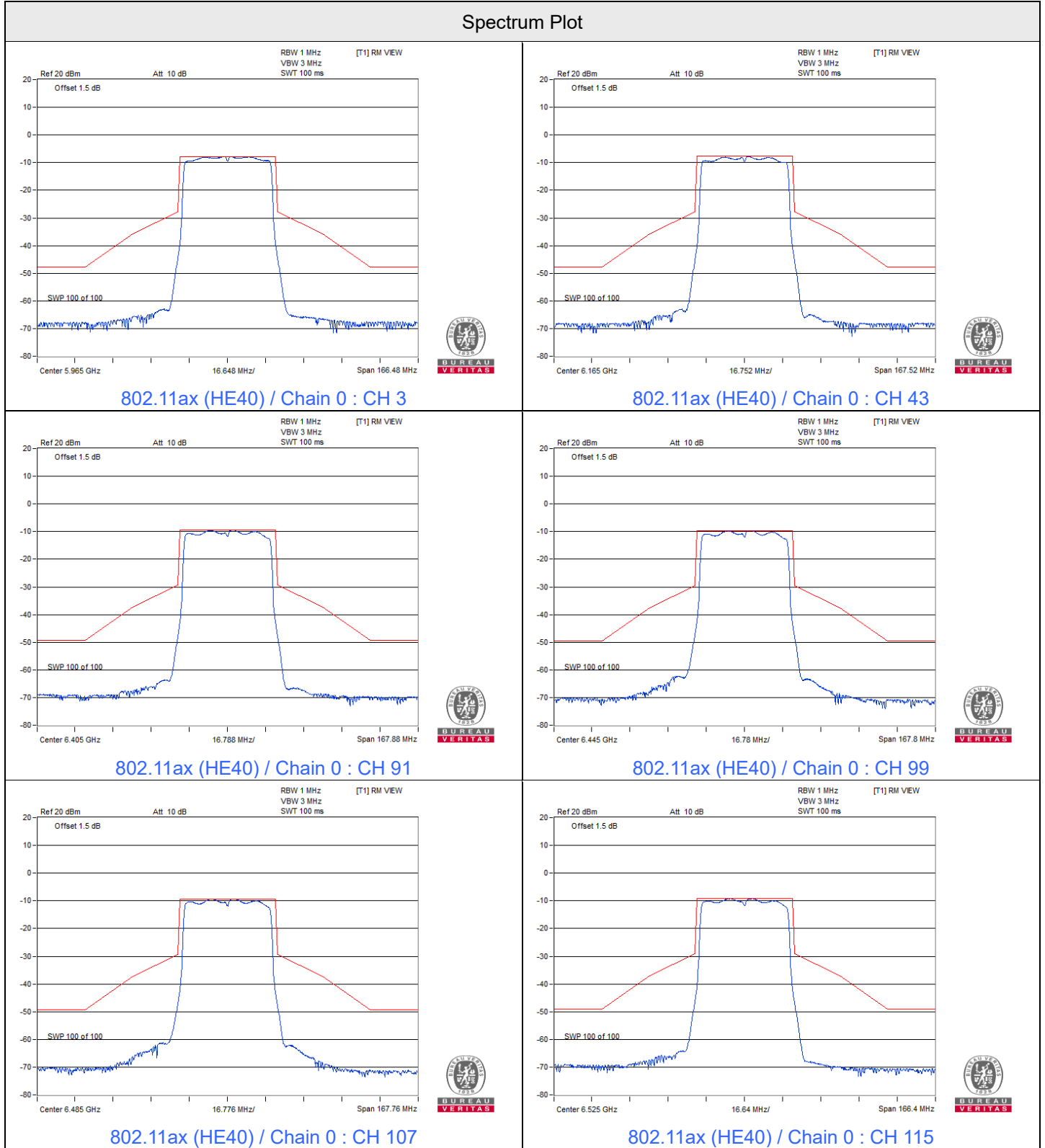
Spectrum Plot



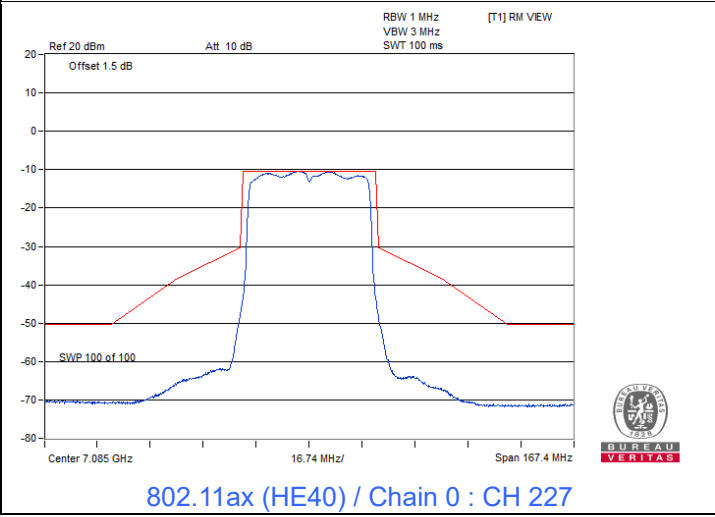
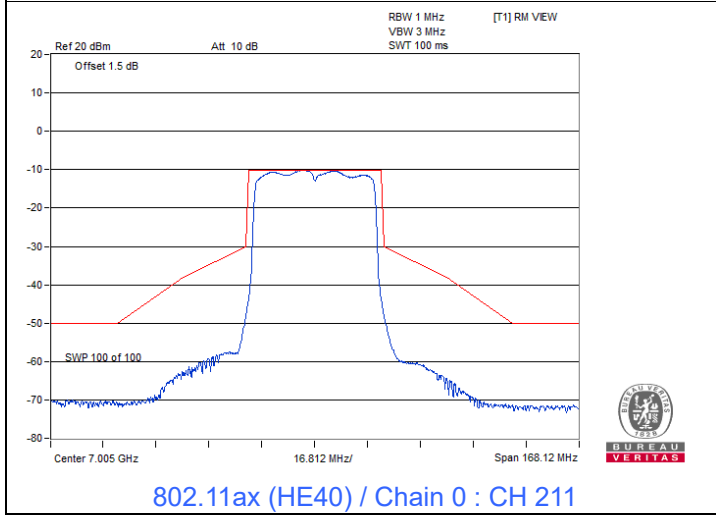
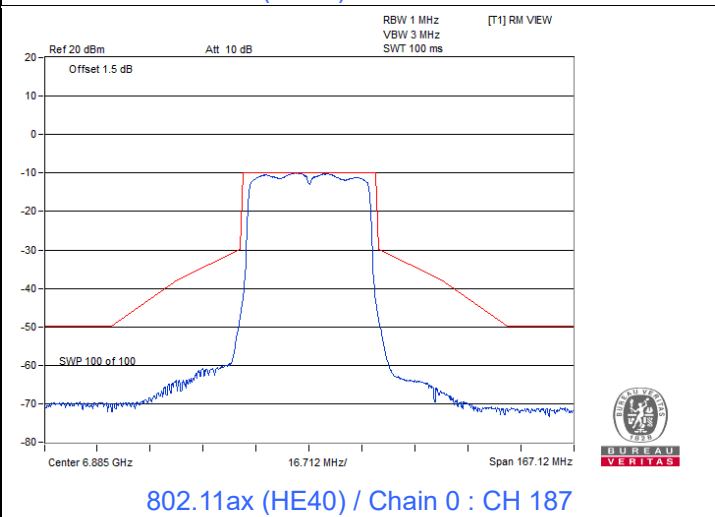
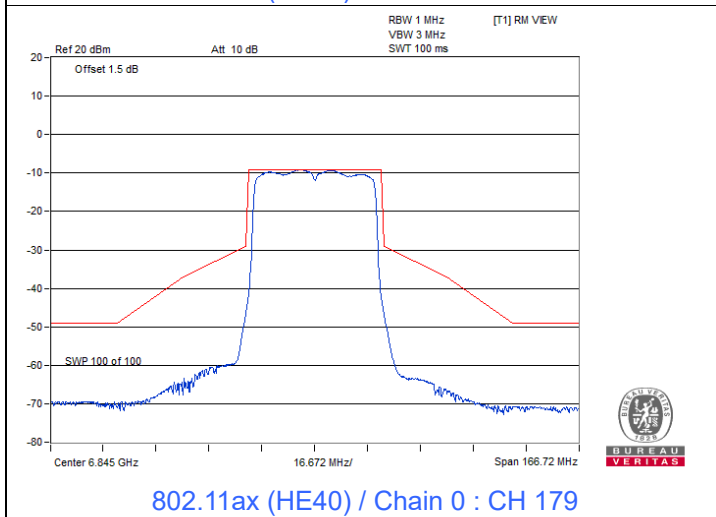
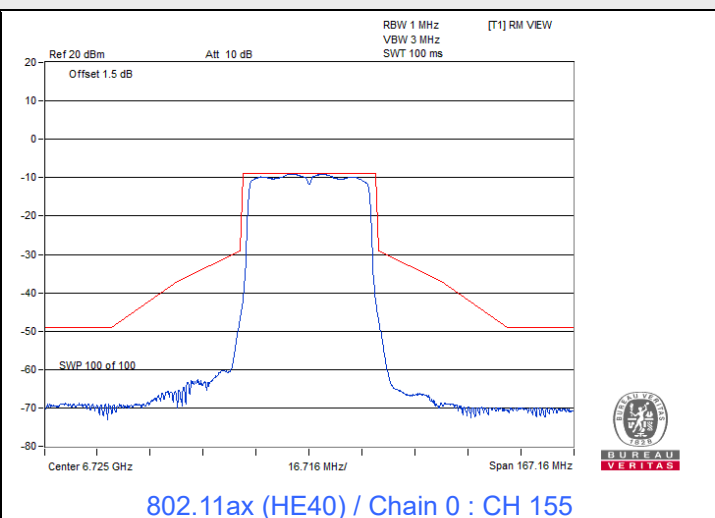
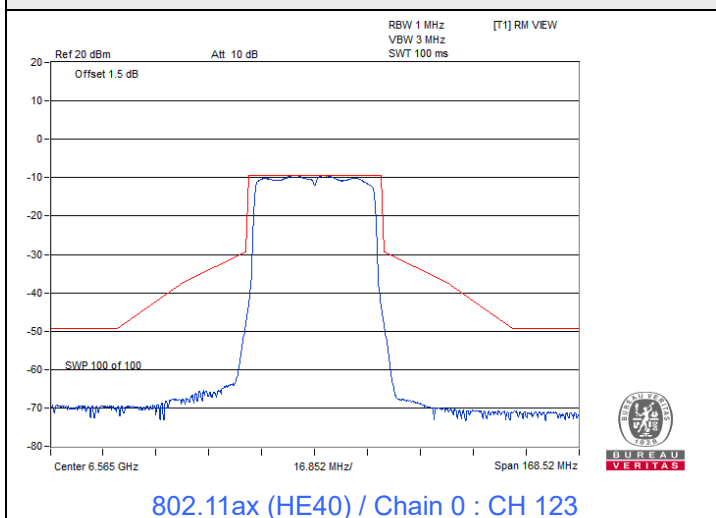
Spectrum Plot



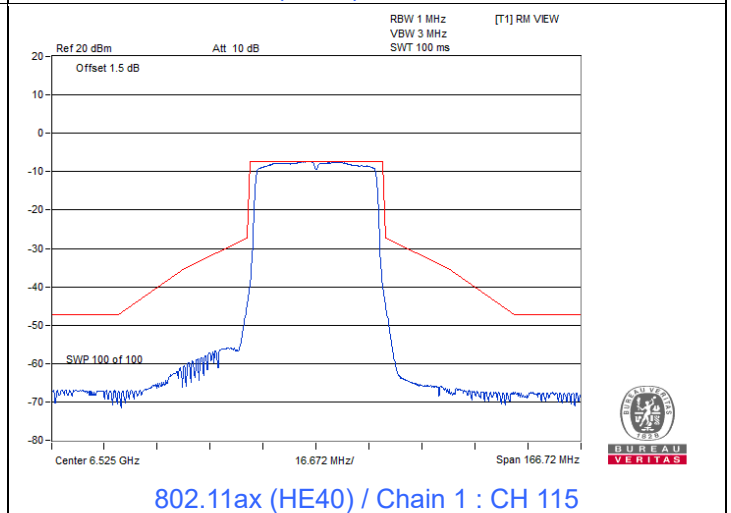
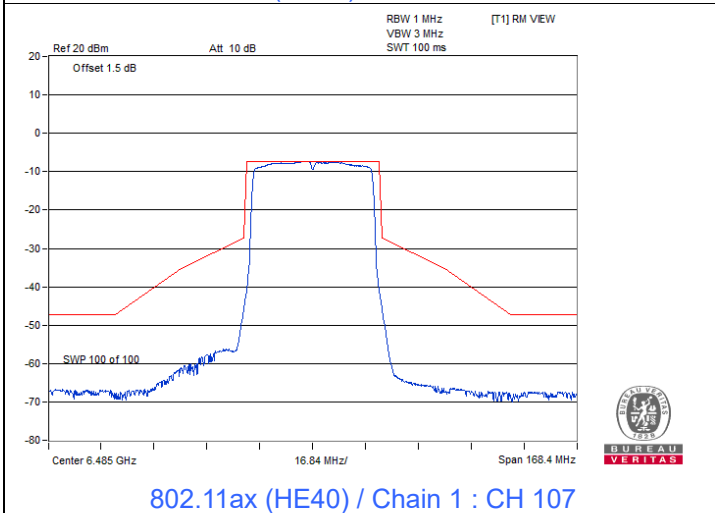
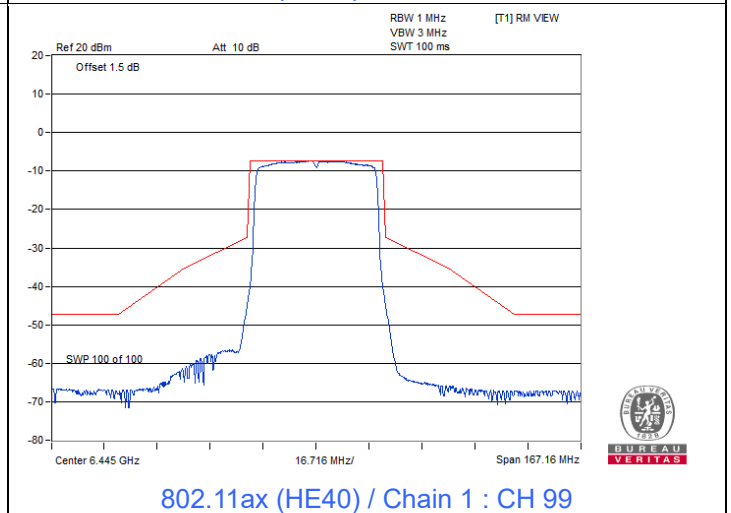
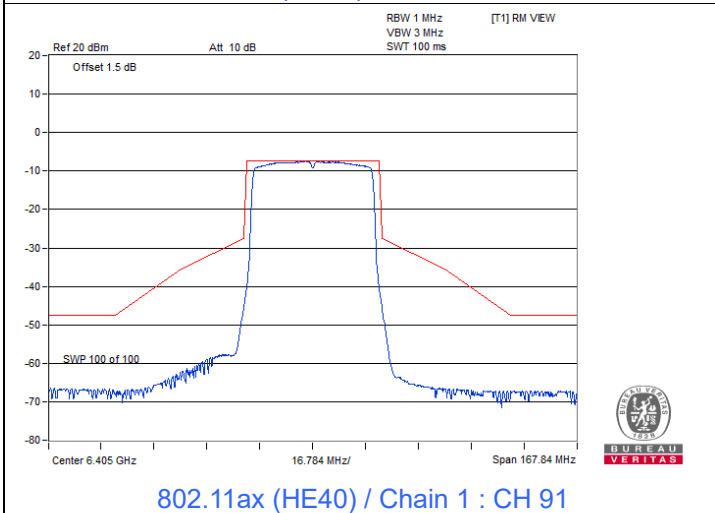
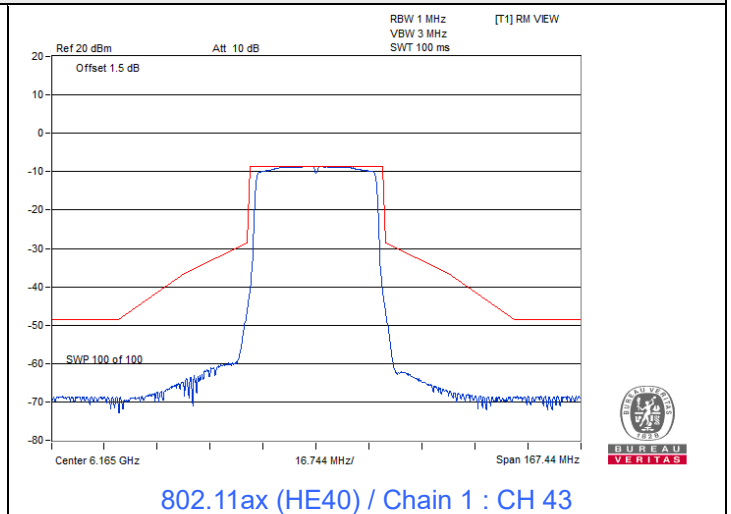
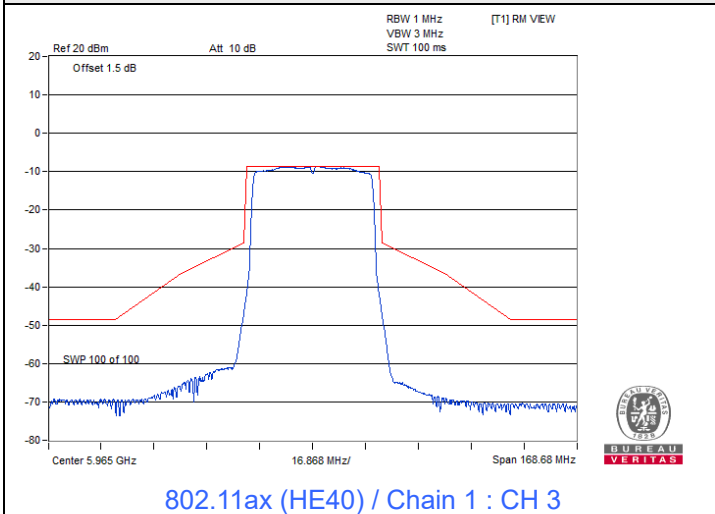
802.11ax (HE40)



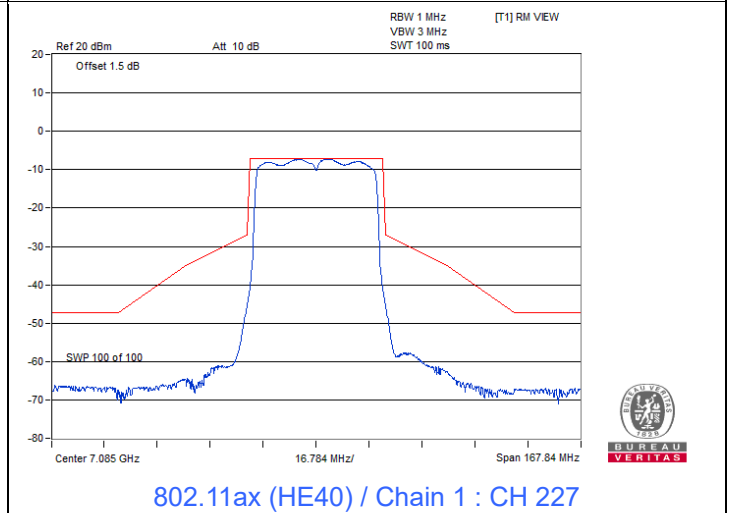
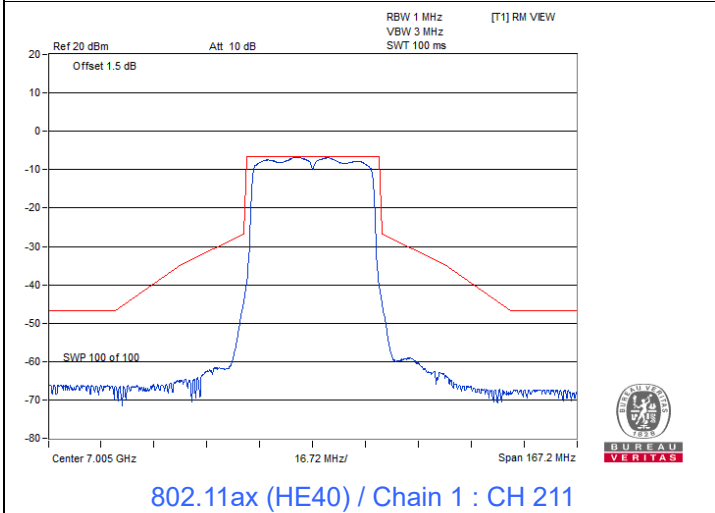
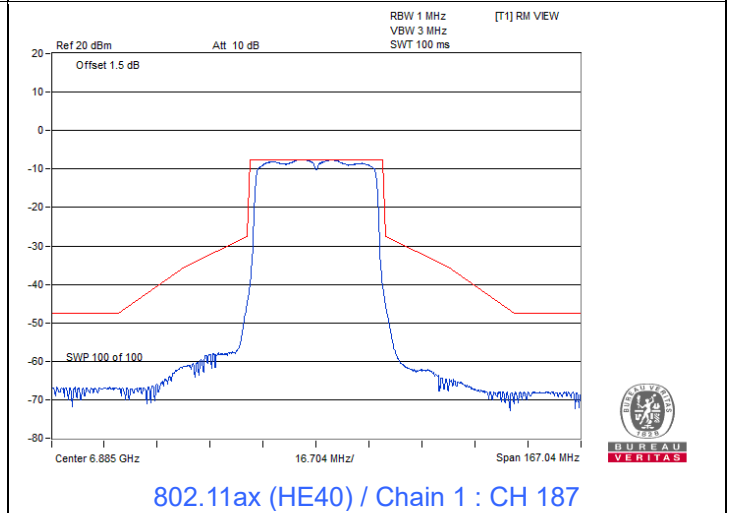
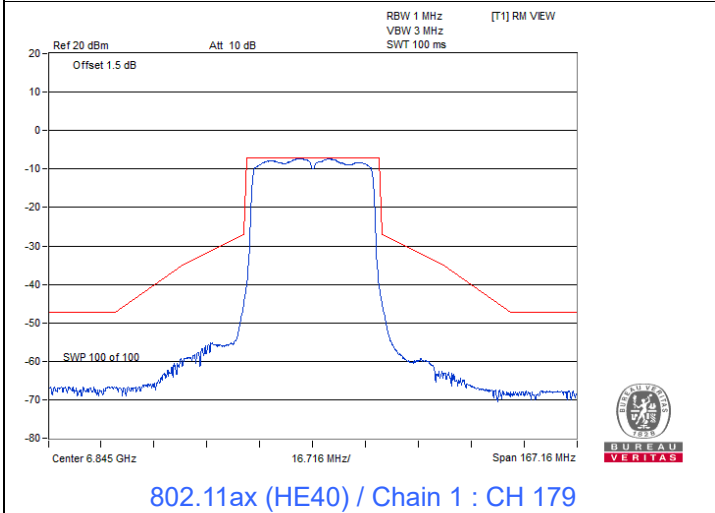
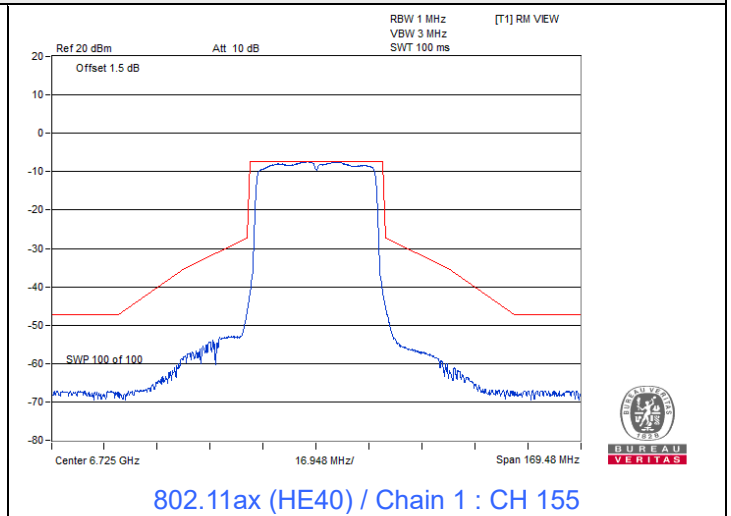
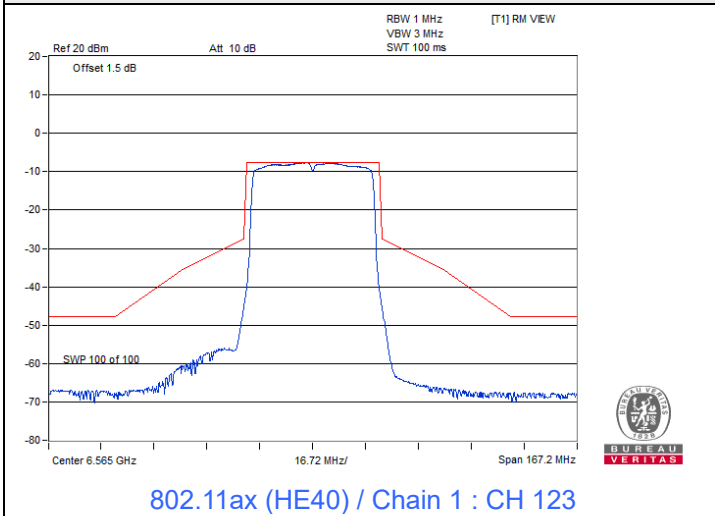
Spectrum Plot



Spectrum Plot

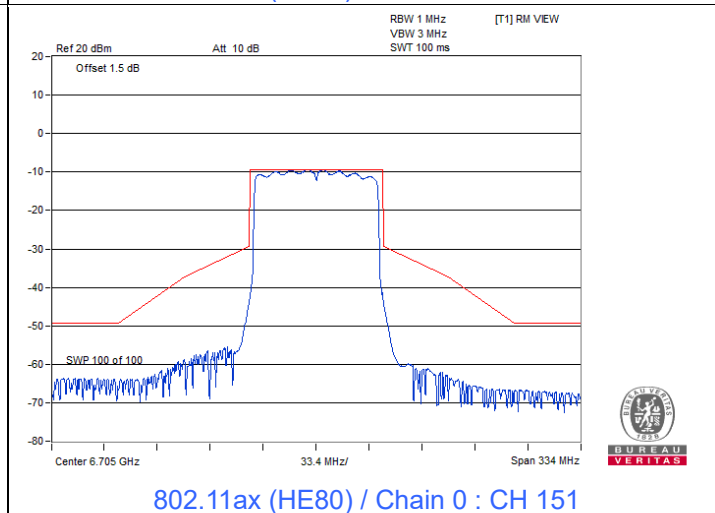
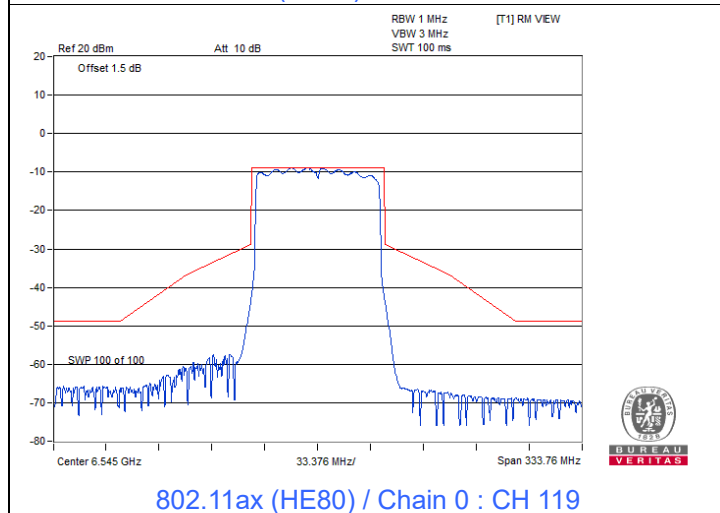
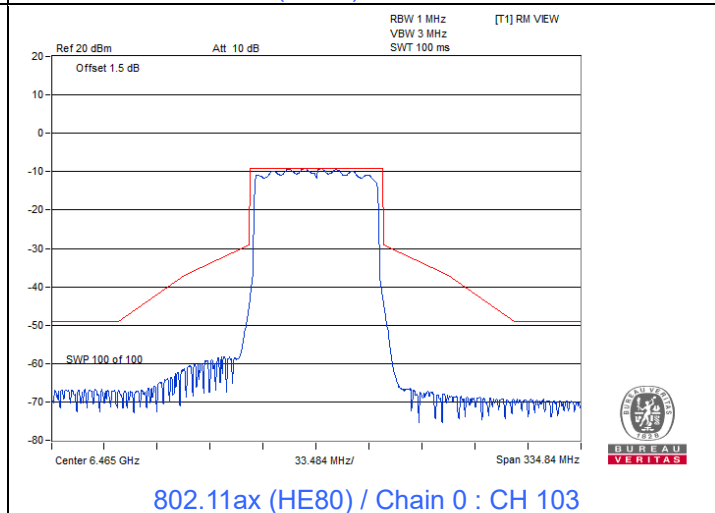
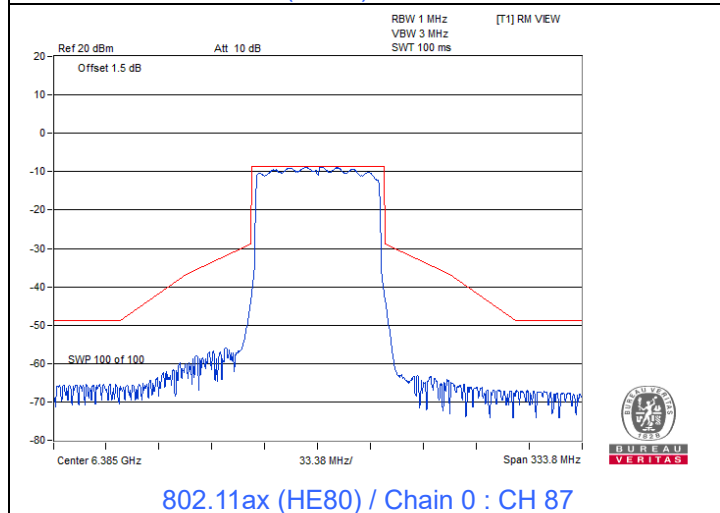
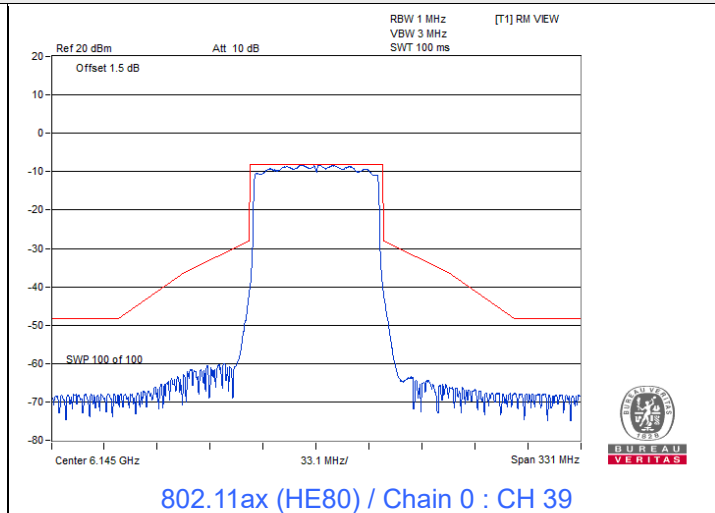
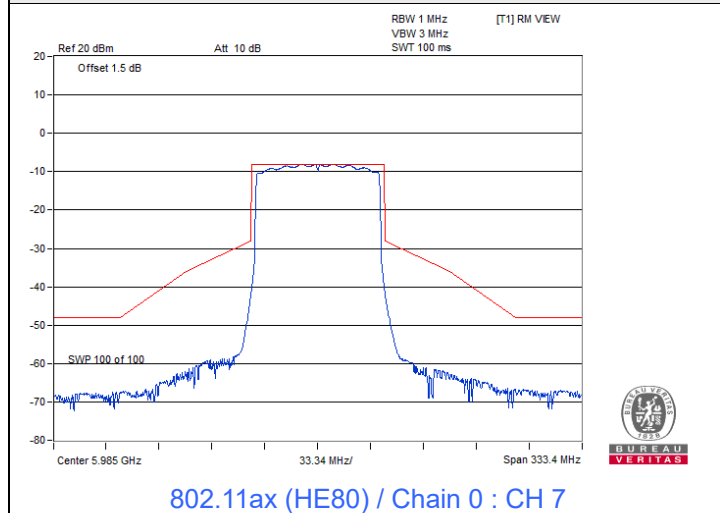


Spectrum Plot

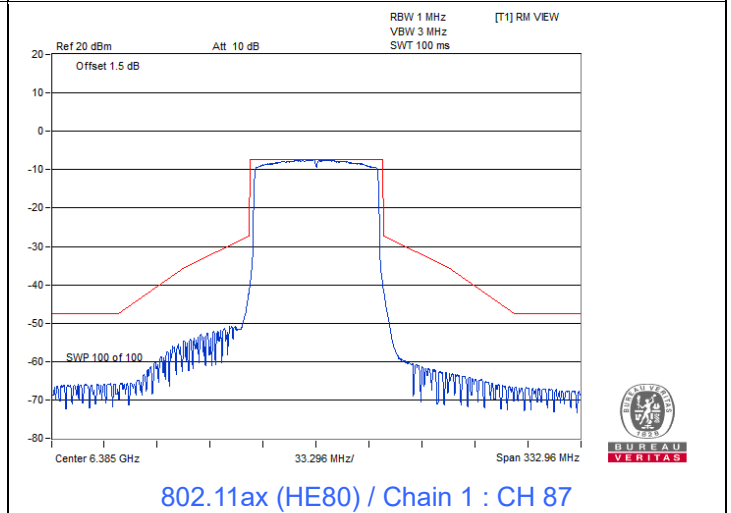
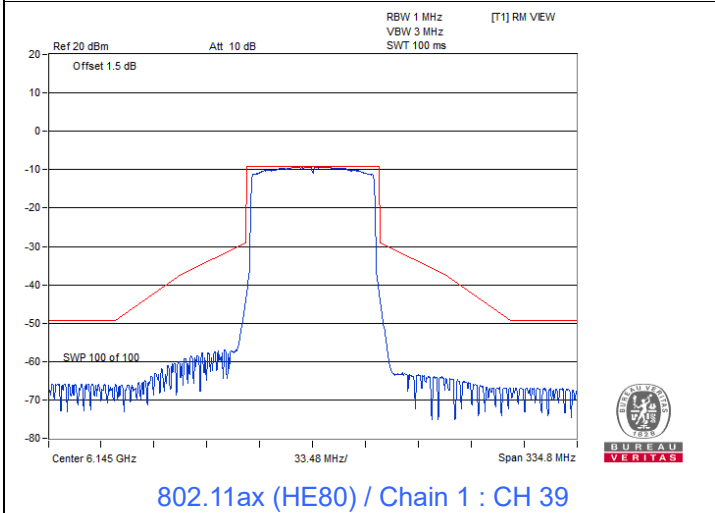
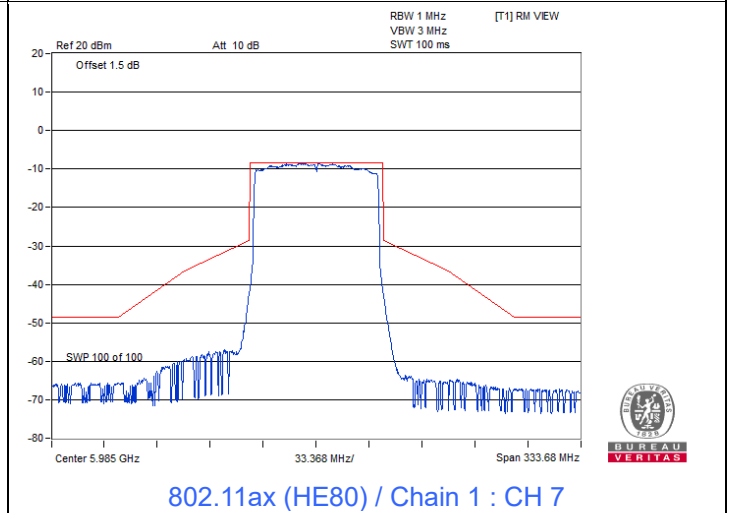
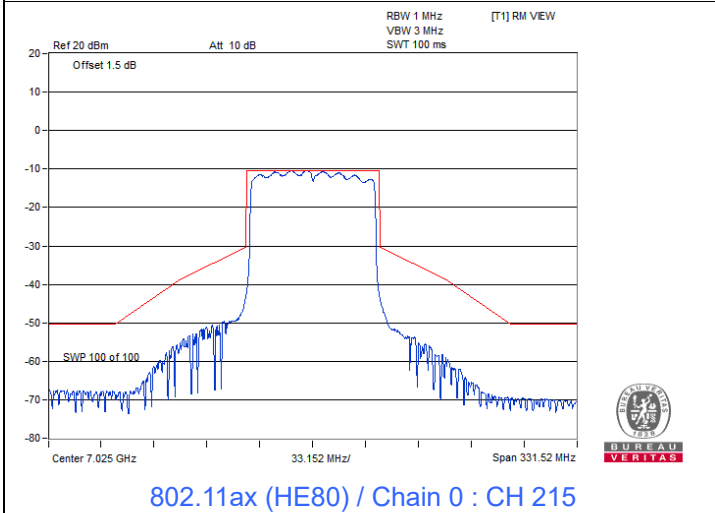
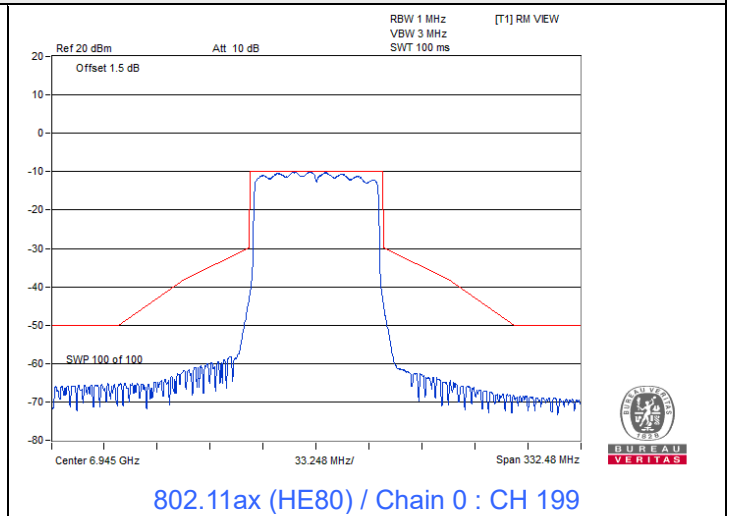
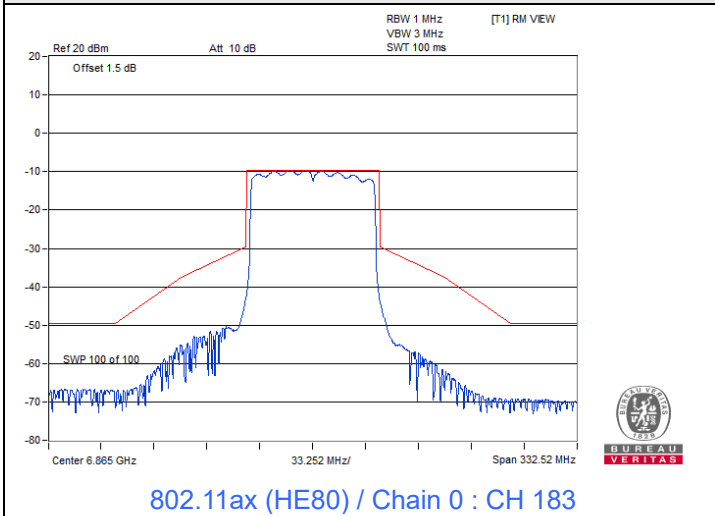


802.11ax (HE80)

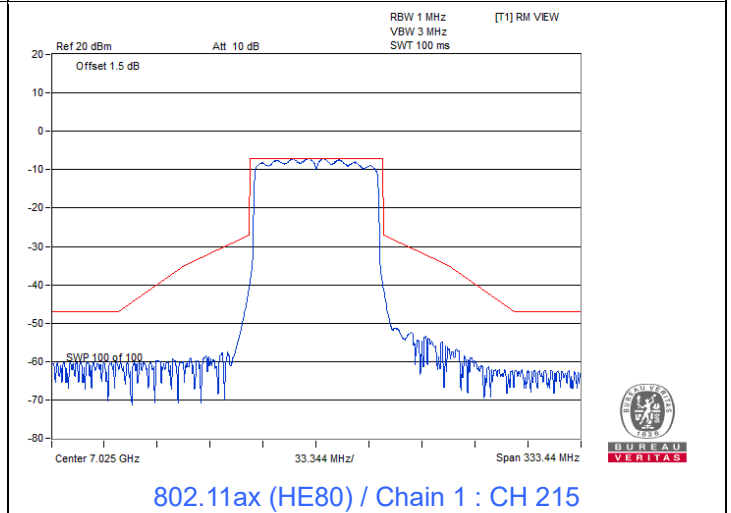
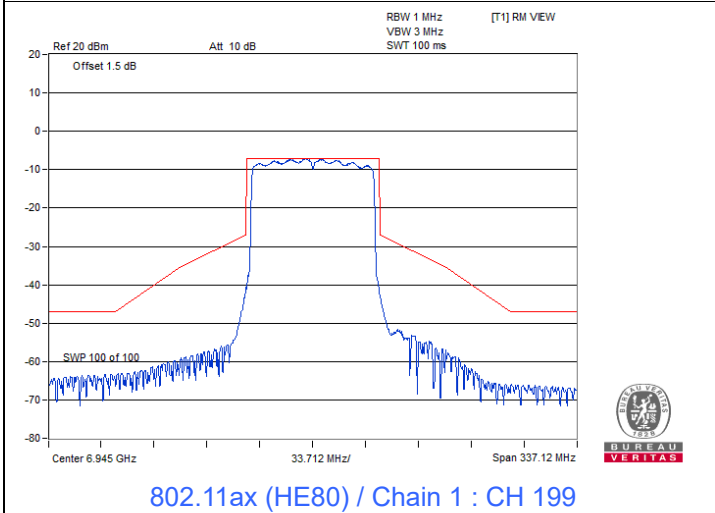
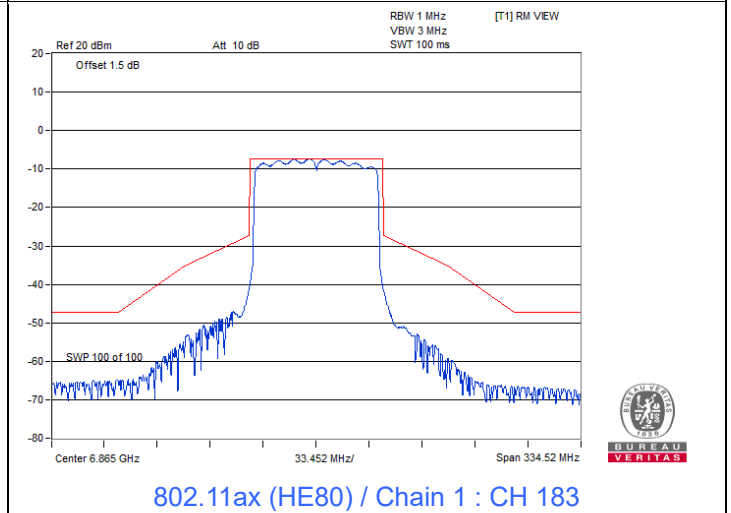
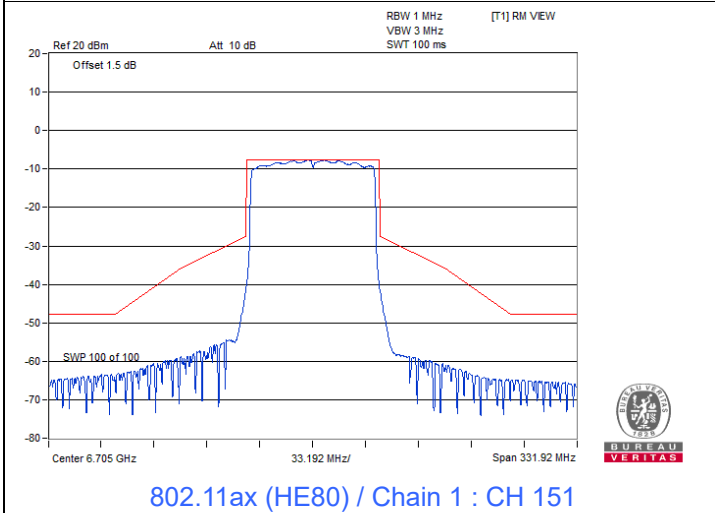
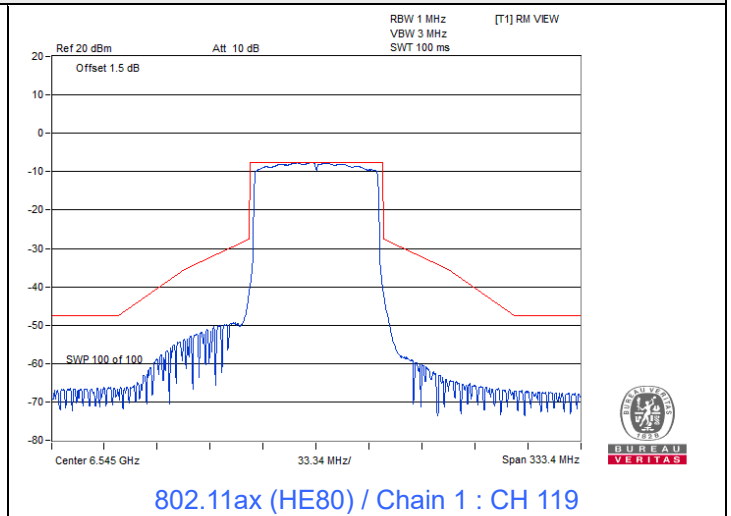
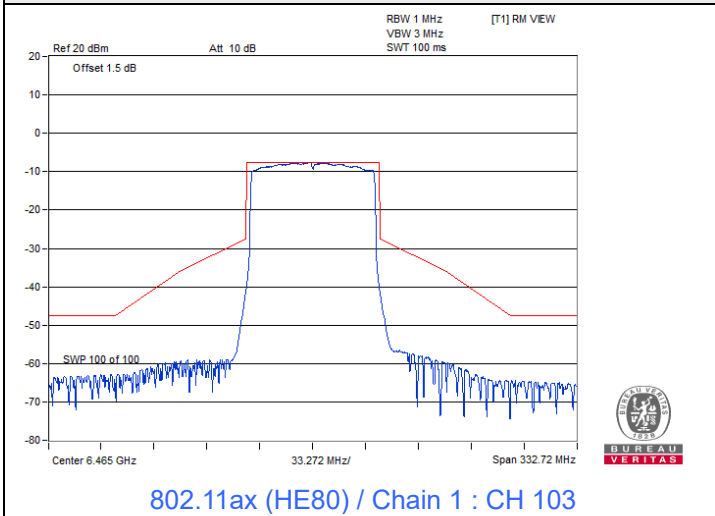
Spectrum Plot



Spectrum Plot



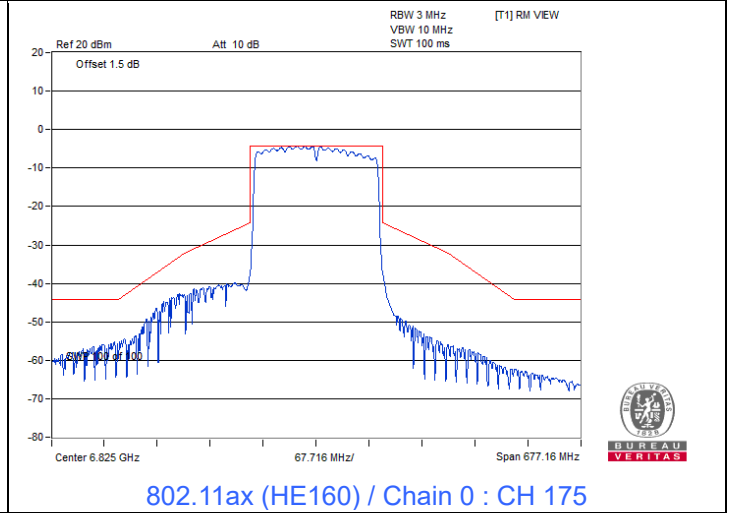
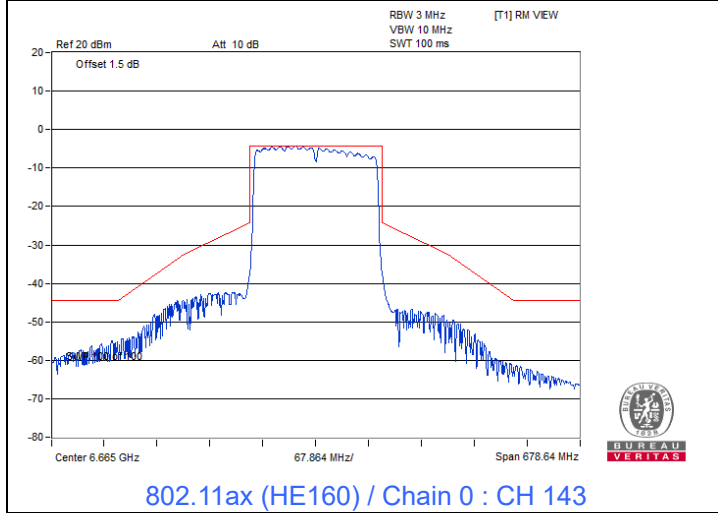
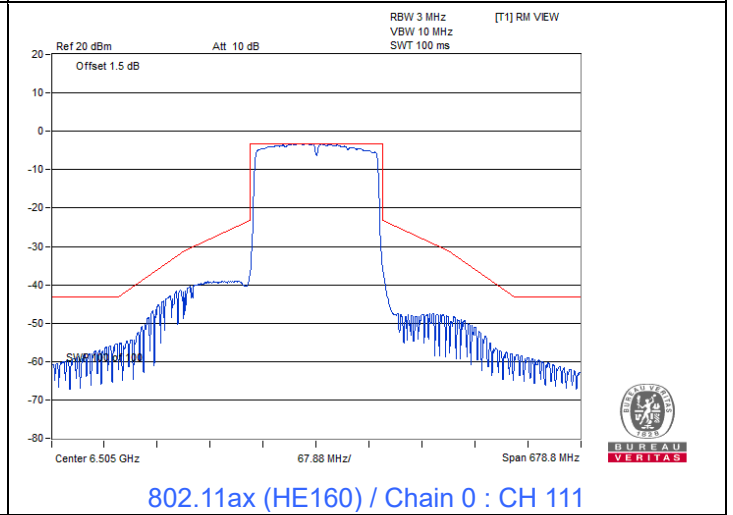
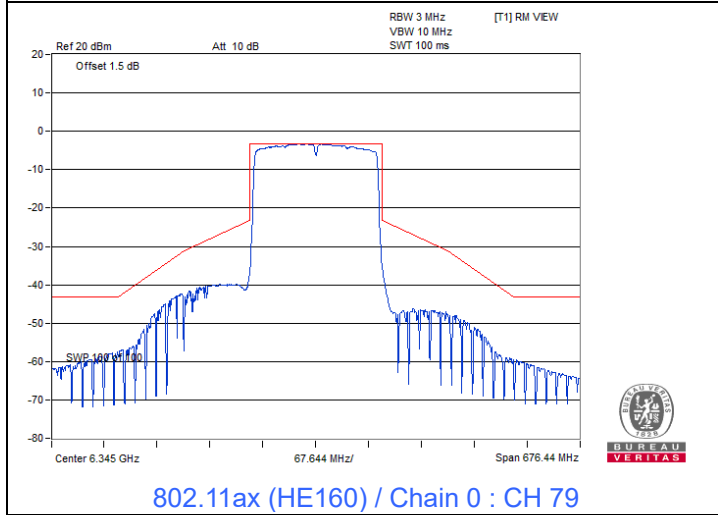
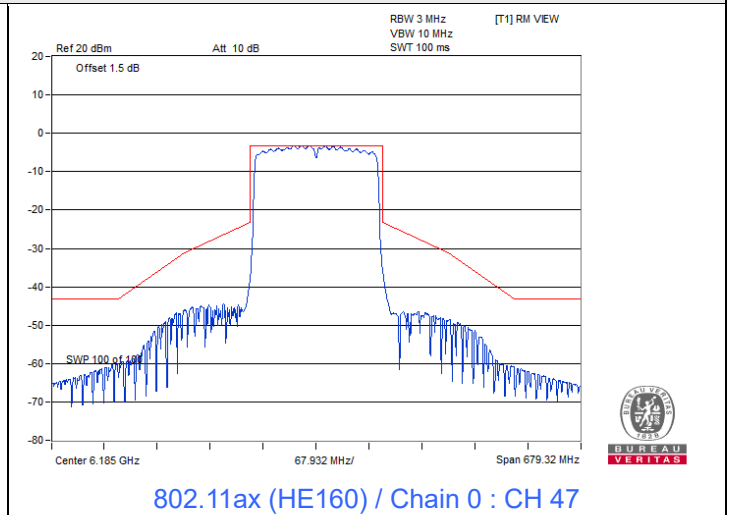
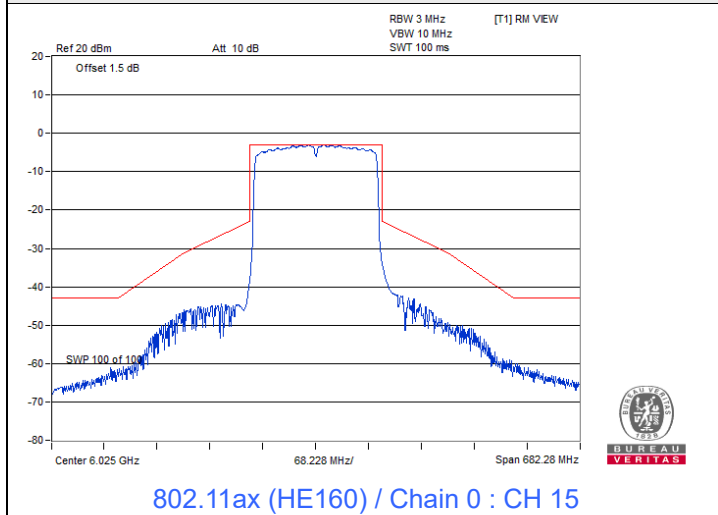
Spectrum Plot



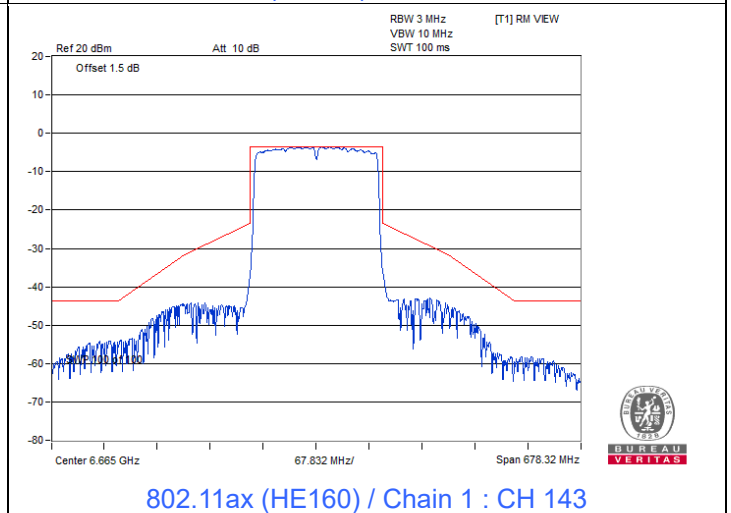
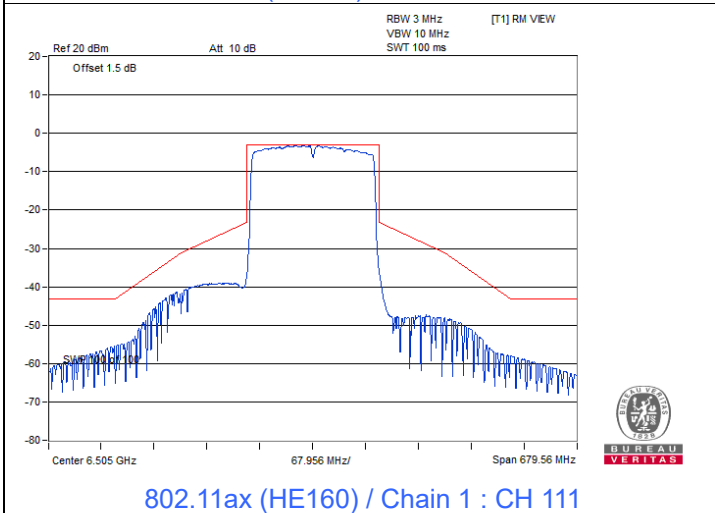
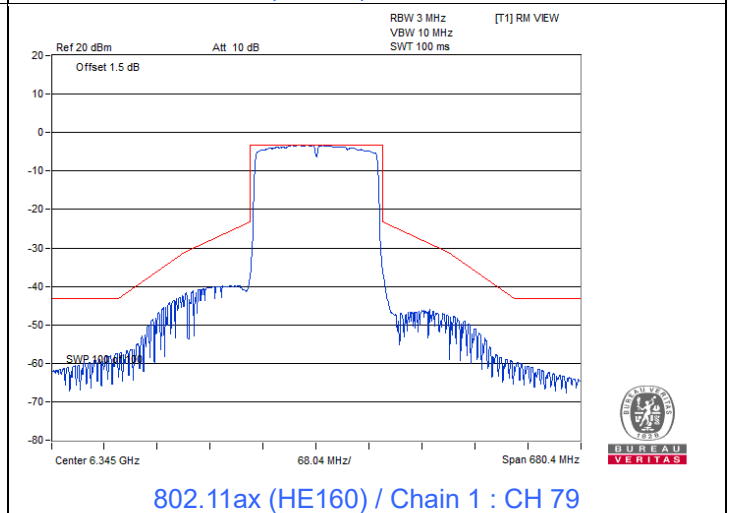
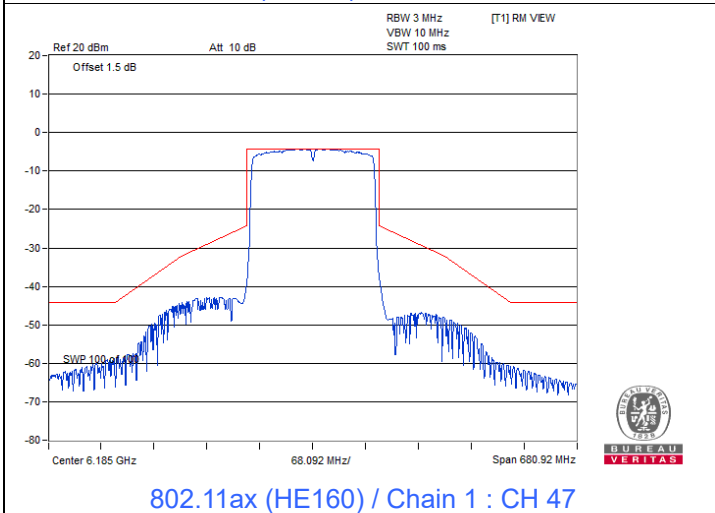
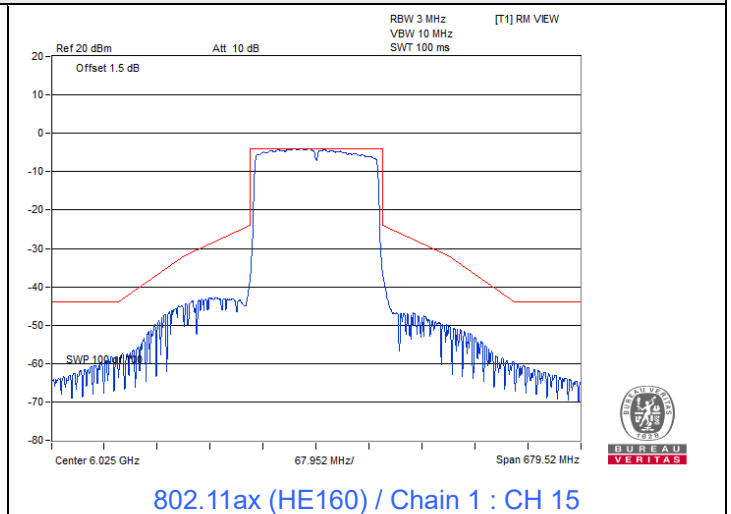
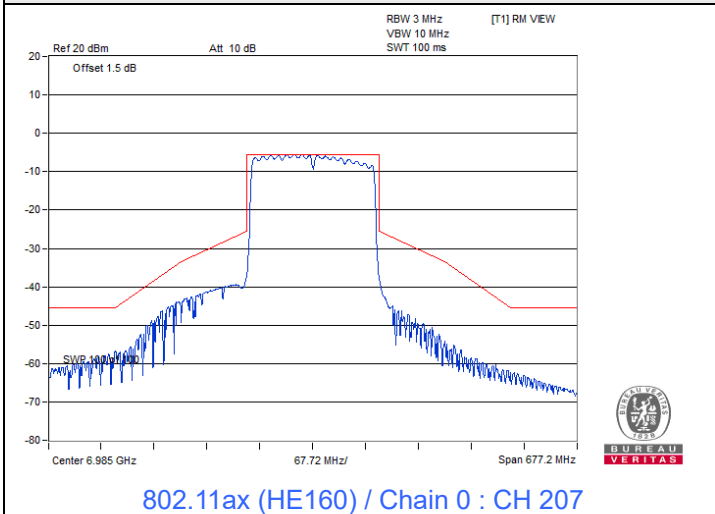


802.11ax (HE160)

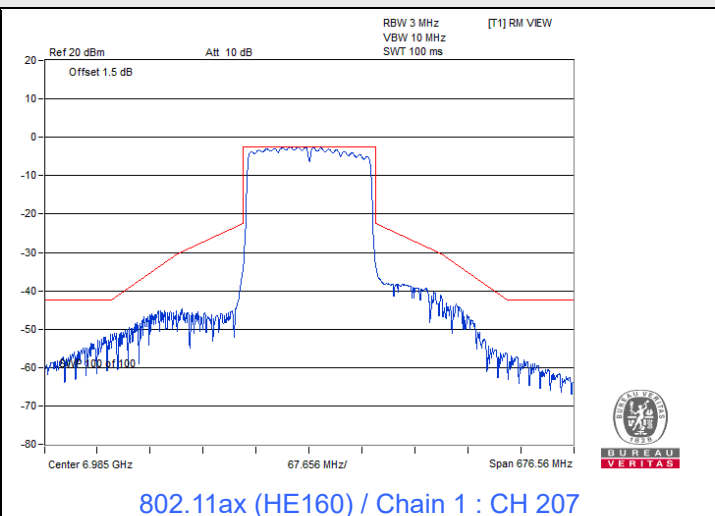
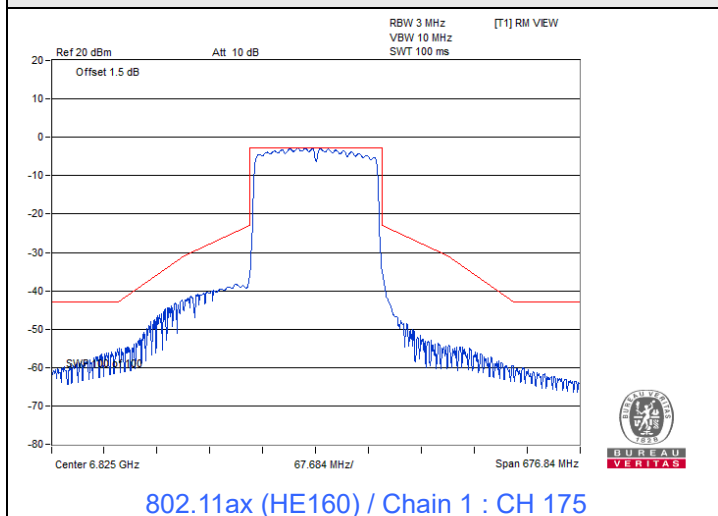
Spectrum Plot



Spectrum Plot



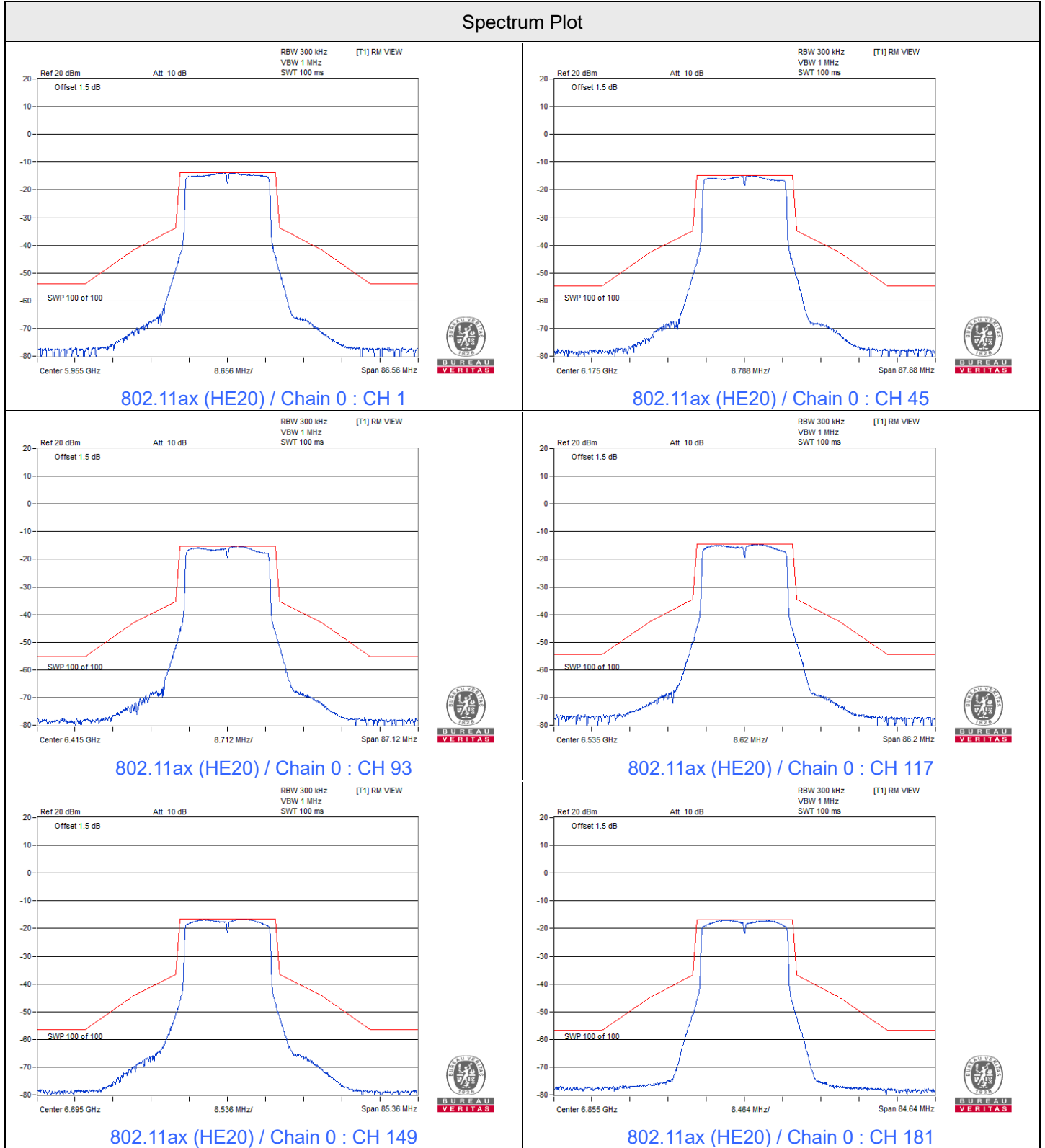
Spectrum Plot



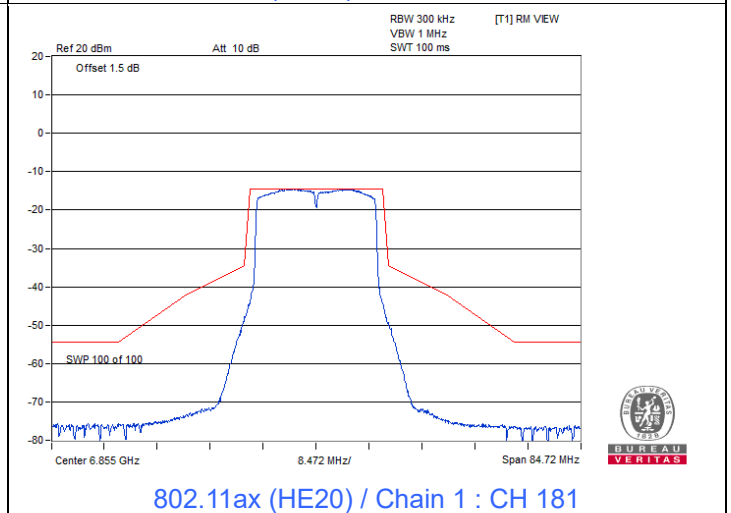
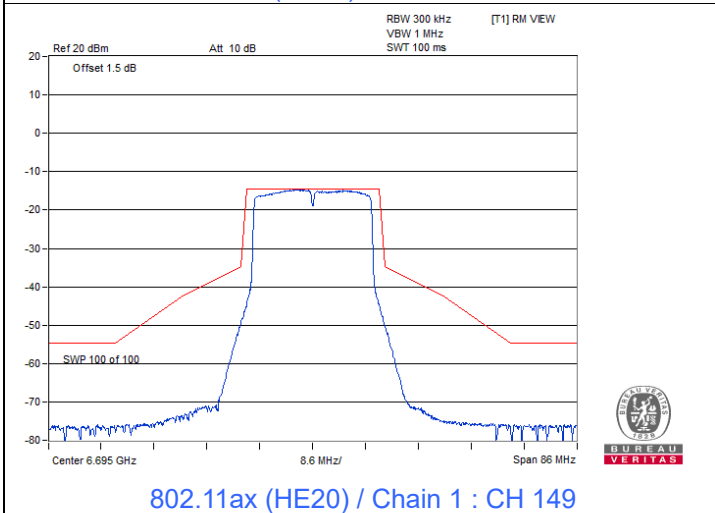
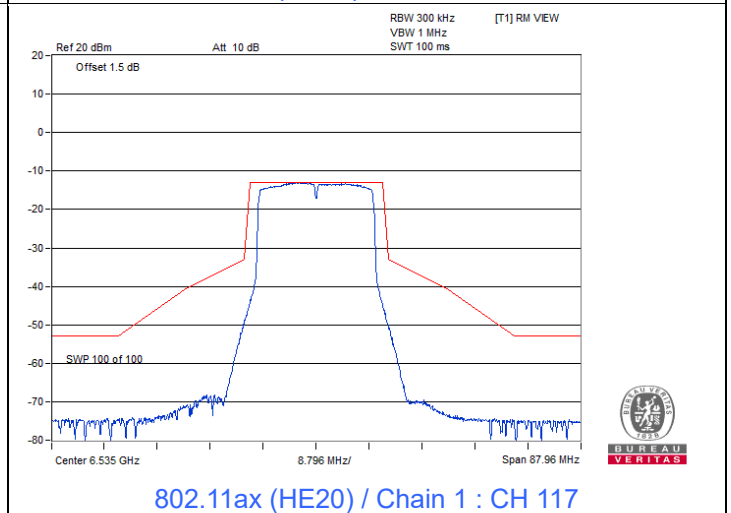
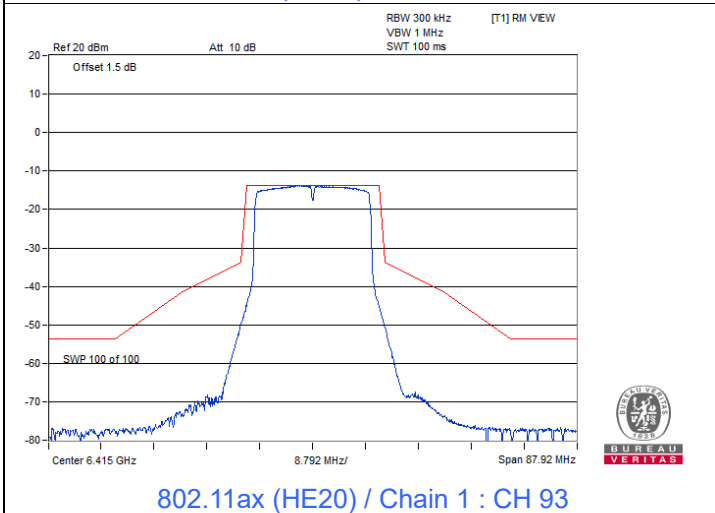
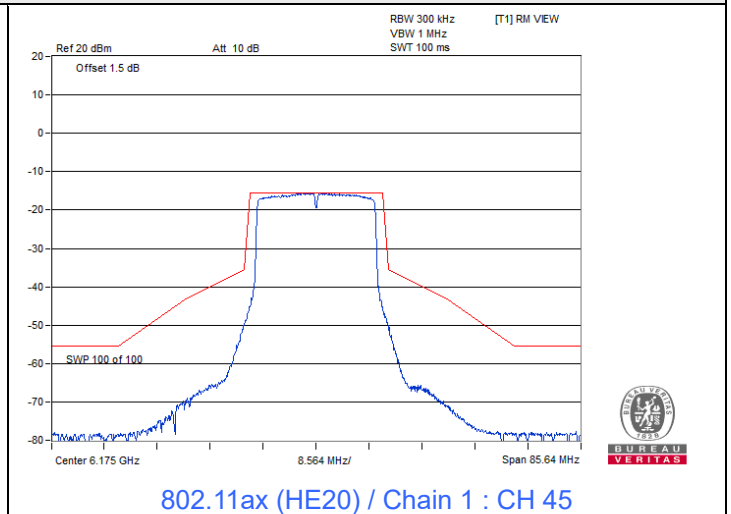
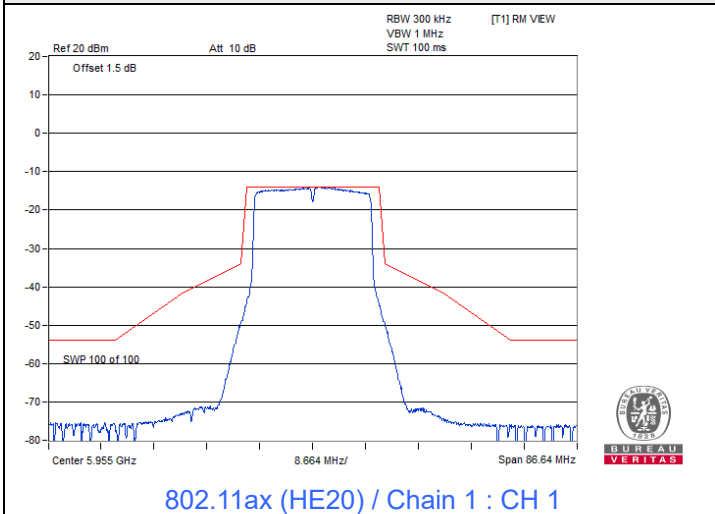
Test Mode B

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyoung Wang
--------------	----------------	---------------------------	--------------	------------	---------------

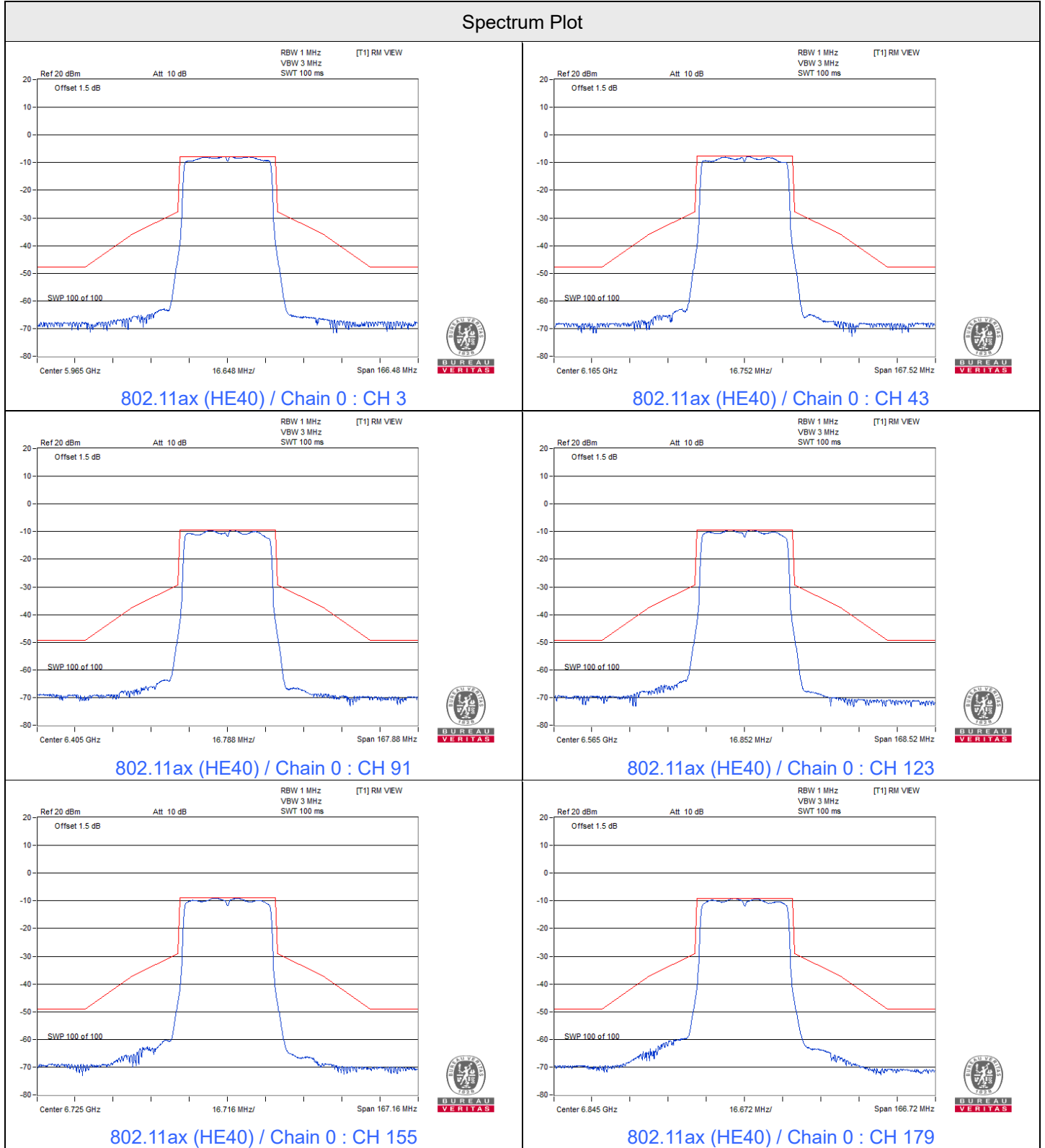
802.11ax (HE20)



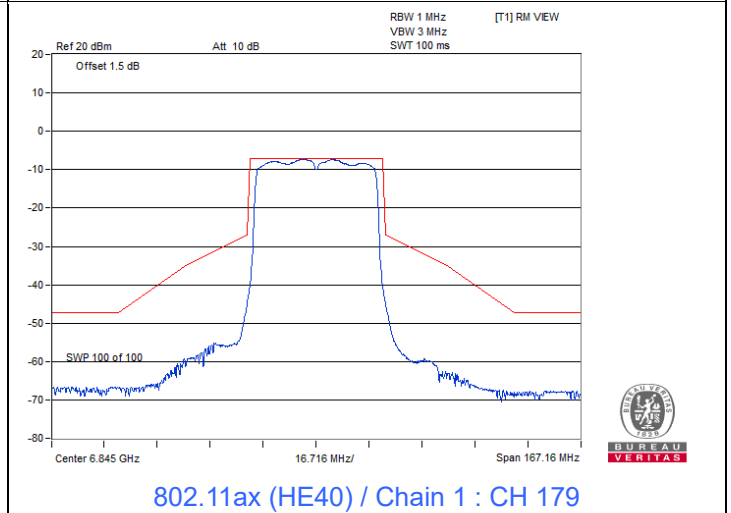
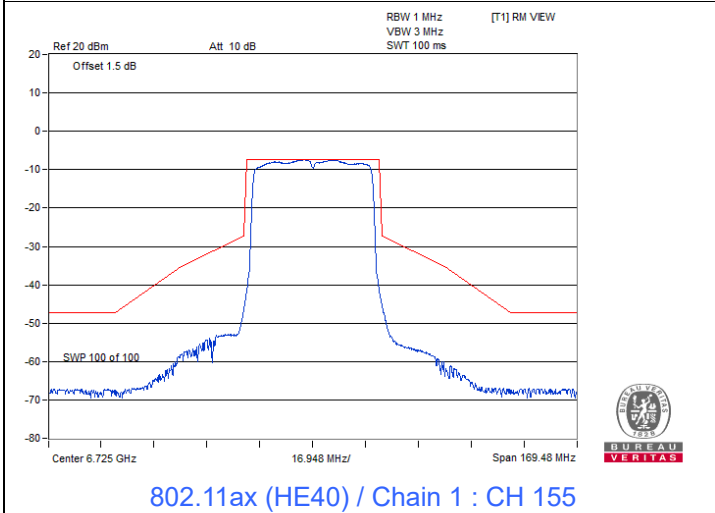
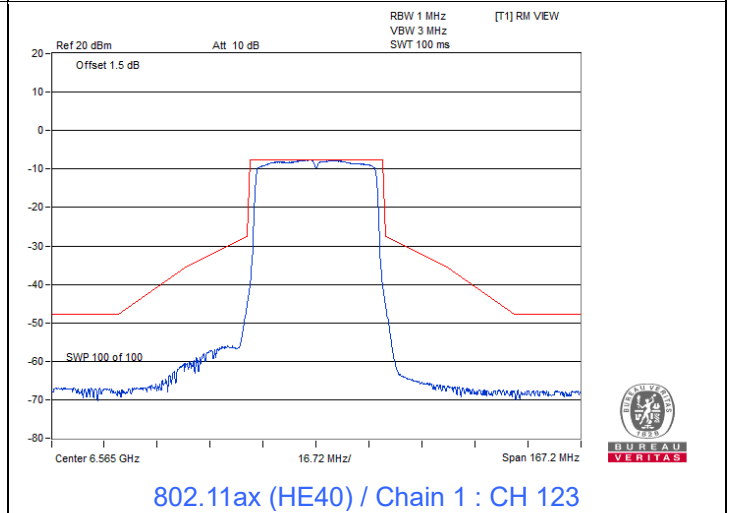
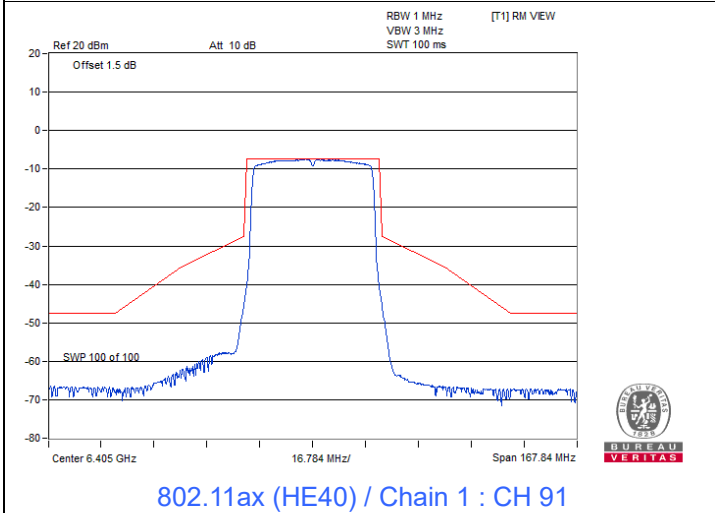
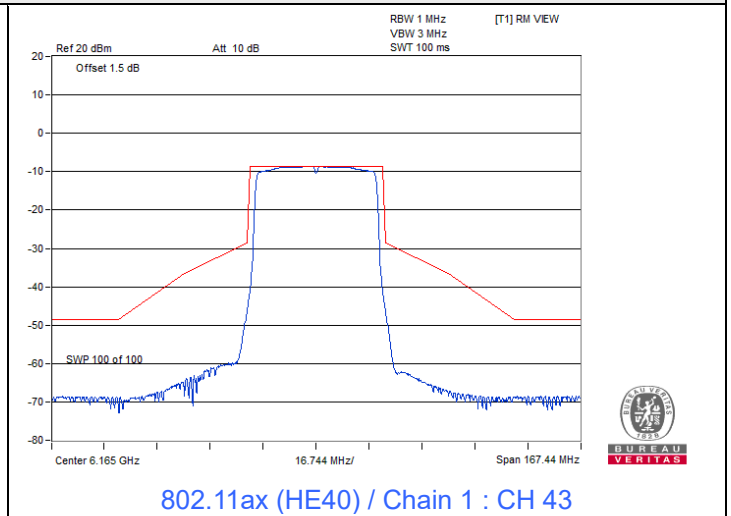
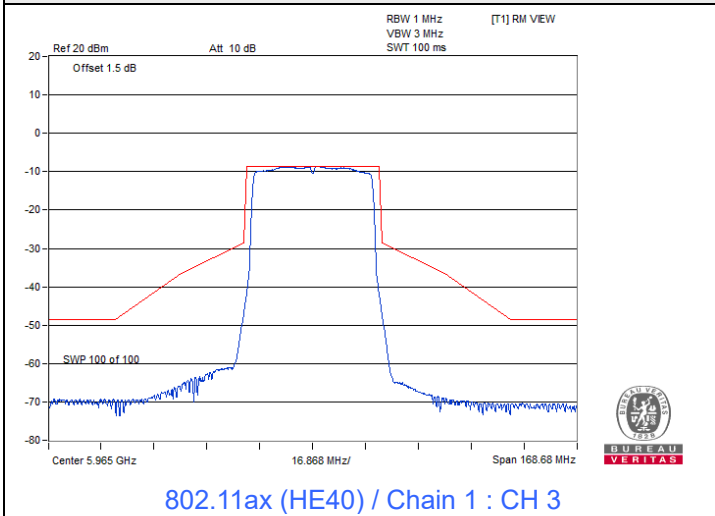
Spectrum Plot



802.11ax (HE40)

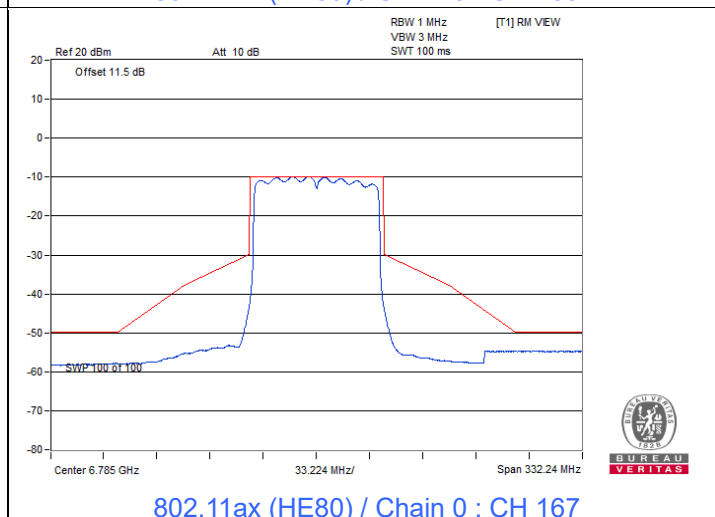
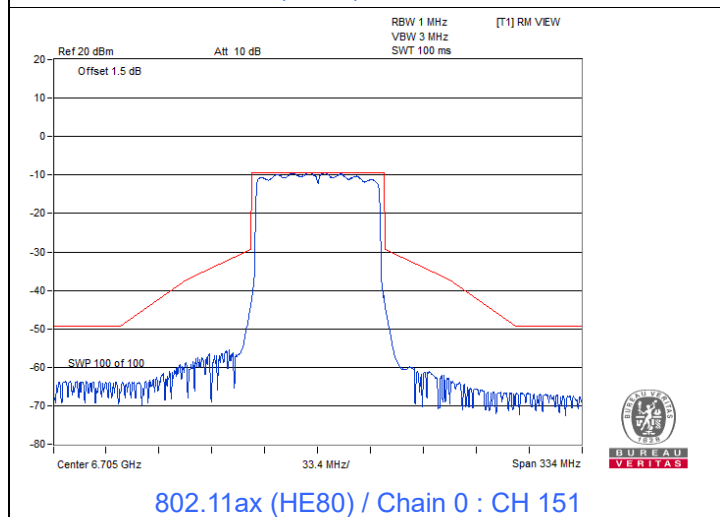
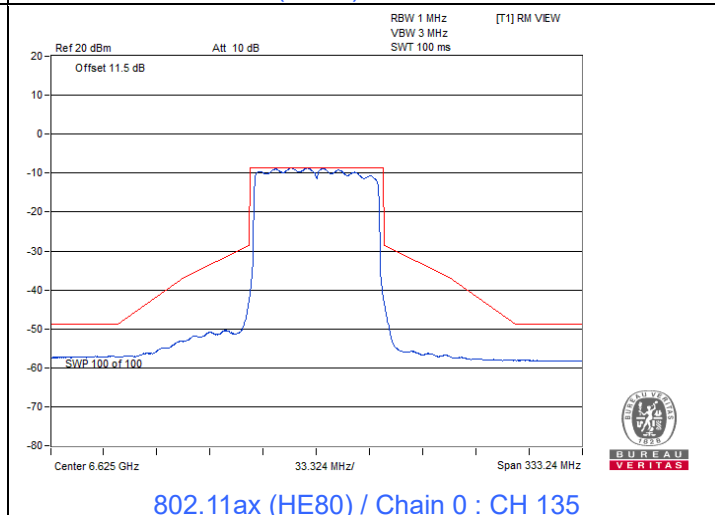
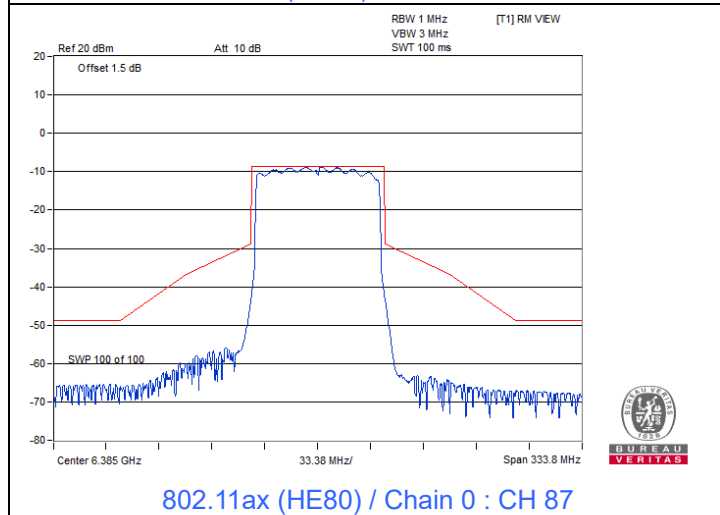
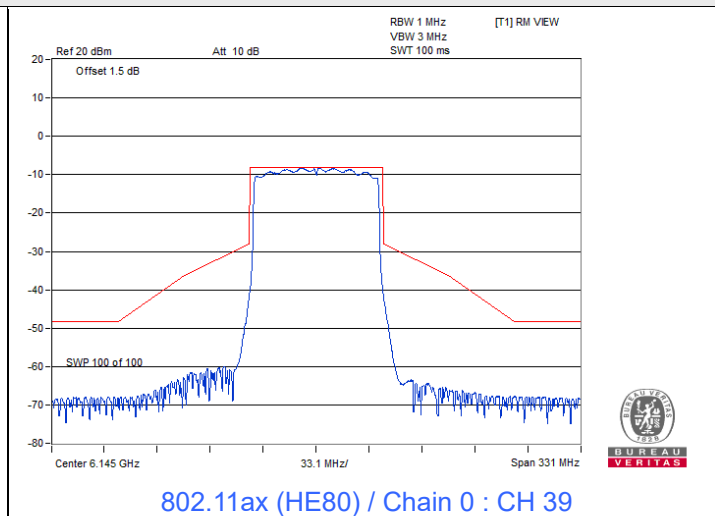
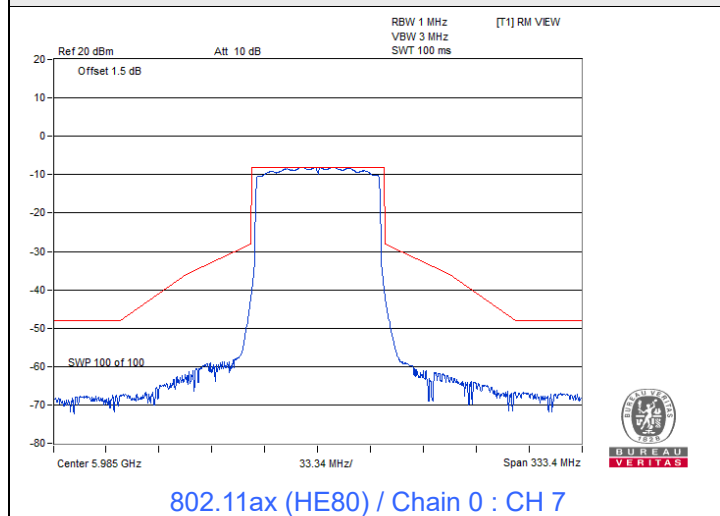


Spectrum Plot



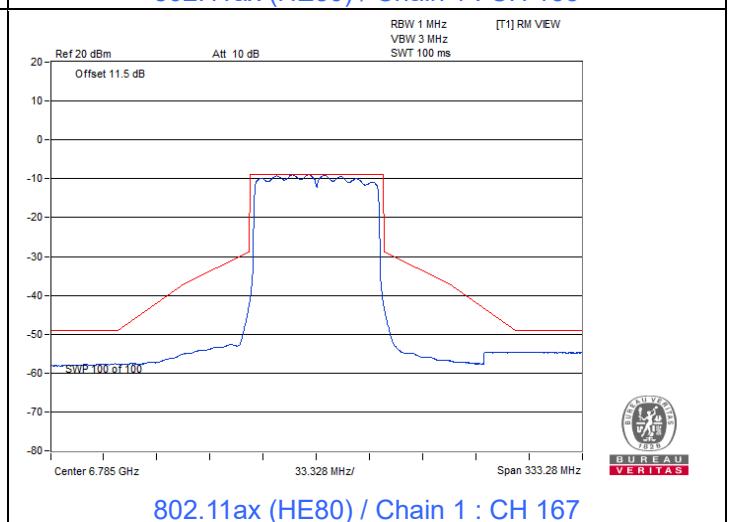
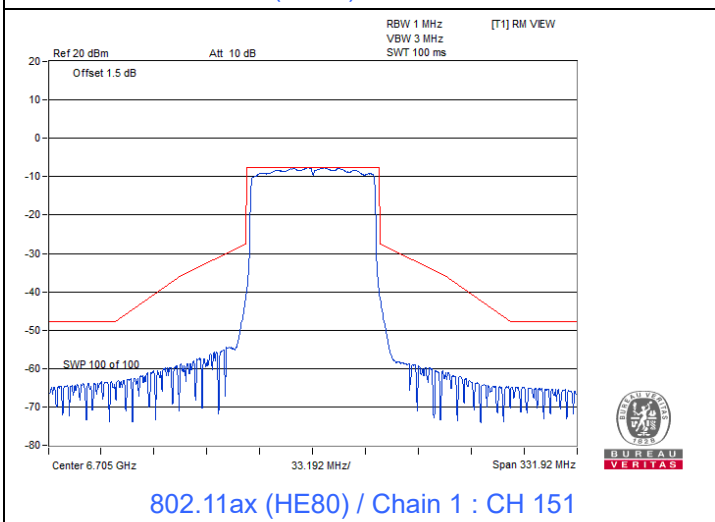
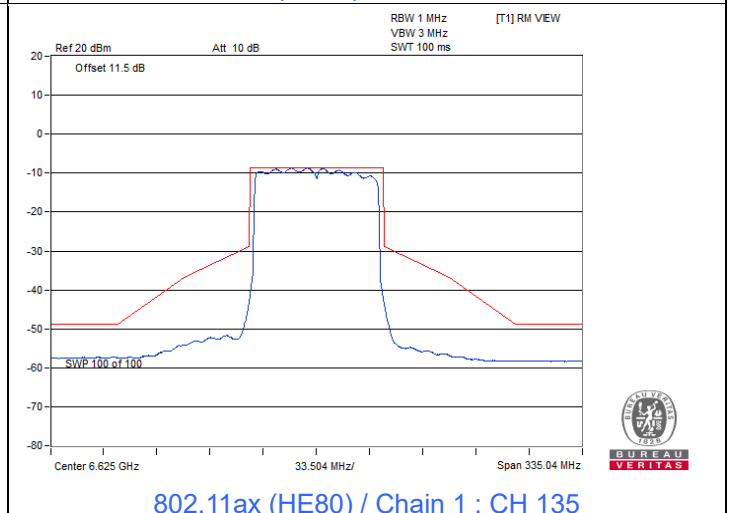
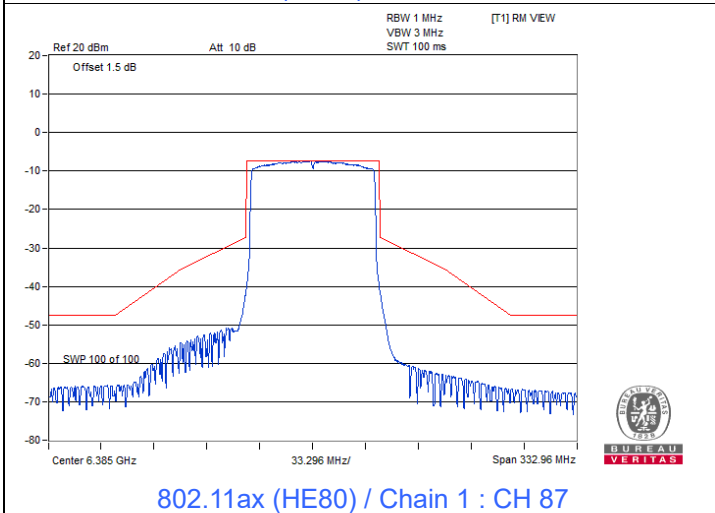
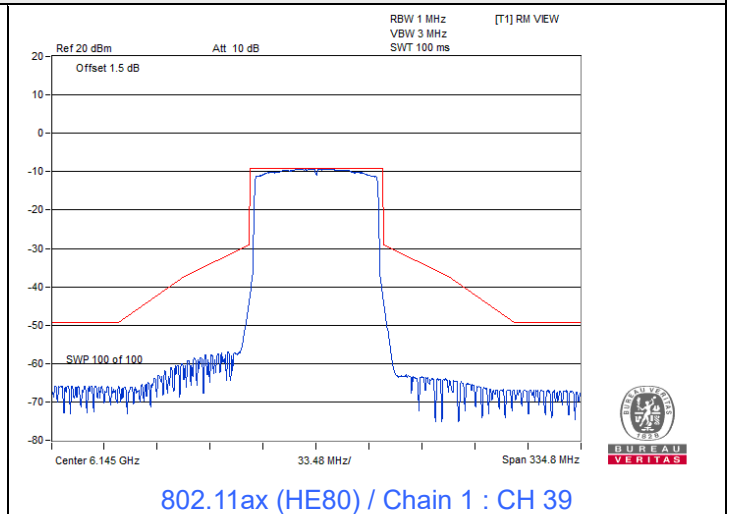
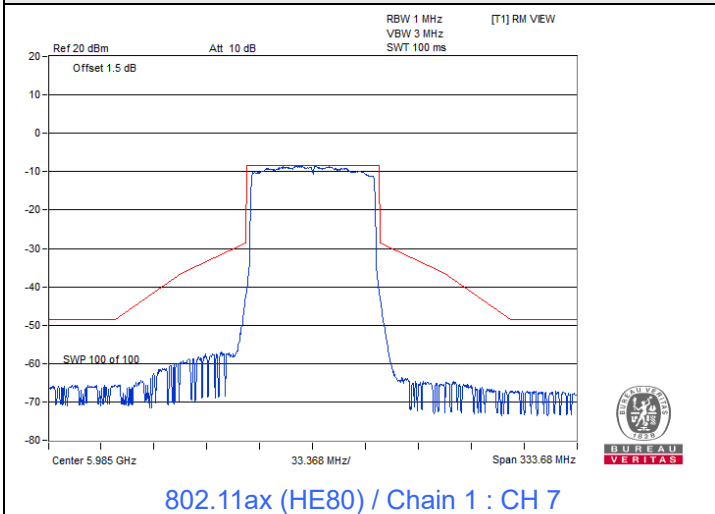
802.11ax (HE80)

Spectrum Plot

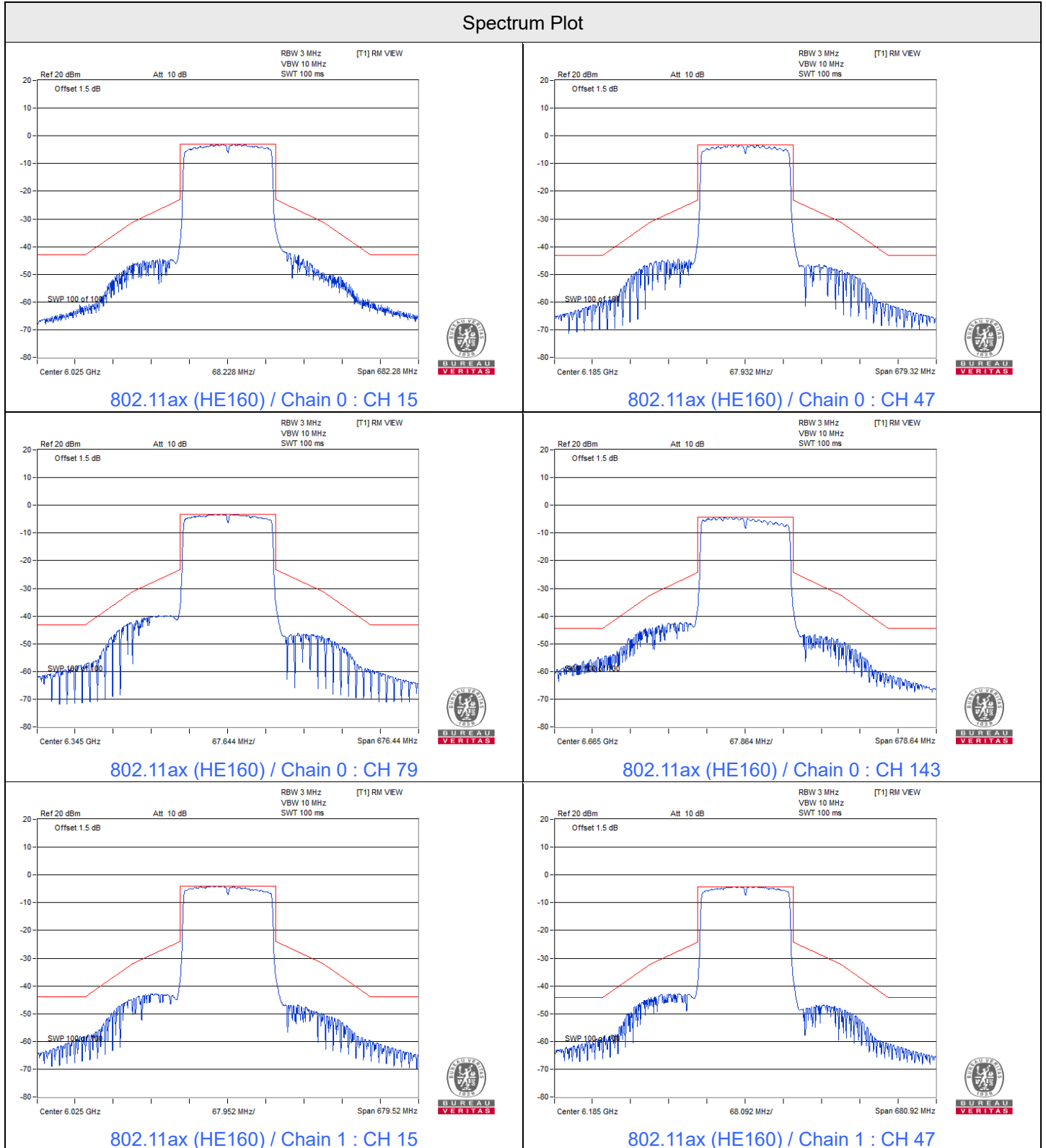




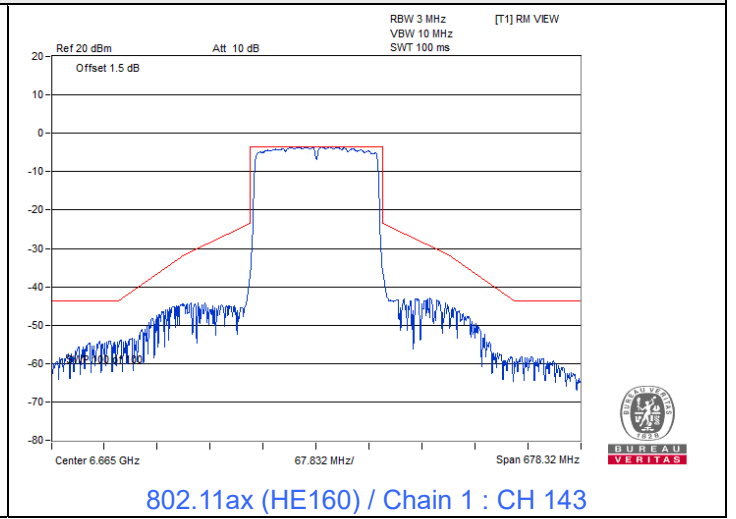
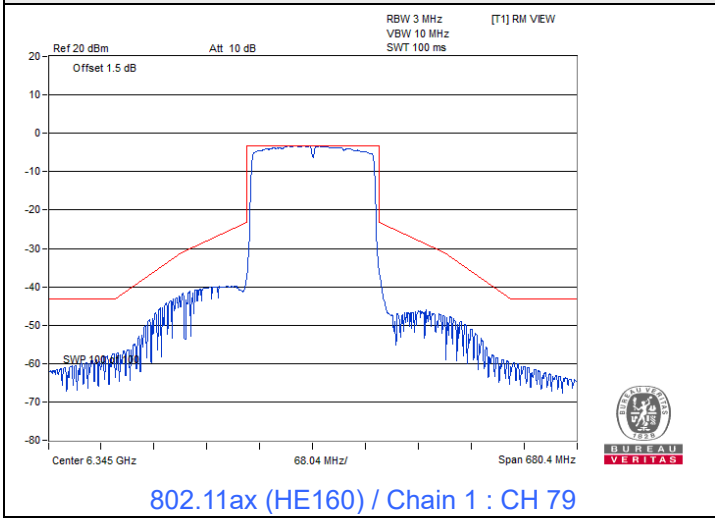
Spectrum Plot



802.11ax (HE160)



Spectrum Plot



7.5 Occupied Bandwidth

Test Mode A

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Frank Liu
--------------	----------------	---------------------------	--------------	------------	-----------

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	18.96	18.96	320	Pass
45	6175	18.96	18.96	320	Pass
93	6415	18.96	18.96	320	Pass
97	6435	18.96	18.96	320	Pass
105	6475	18.96	18.96	320	Pass
113	6515	18.96	18.96	320	Pass
117	6535	18.96	18.96	320	Pass
149	6695	18.96	18.96	320	Pass
181	6855	18.96	18.96	320	Pass
185	6875	18.96	18.96	320	Pass
209	6995	18.96	18.96	320	Pass
233	7115	18.96	18.96	320	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	5965	37.92	37.92	320	Pass
43	6165	38.16	38.16	320	Pass
91	6405	38.16	38.16	320	Pass
99	6445	37.92	37.92	320	Pass
107	6485	37.92	38.16	320	Pass
115	6525	37.92	38.16	320	Pass
123	6565	38.16	37.92	320	Pass
155	6725	38.16	37.92	320	Pass
179	6845	37.68	37.68	320	Pass
187	6885	37.68	37.68	320	Pass
211	7005	37.92	37.68	320	Pass
227	7085	37.92	37.92	320	Pass

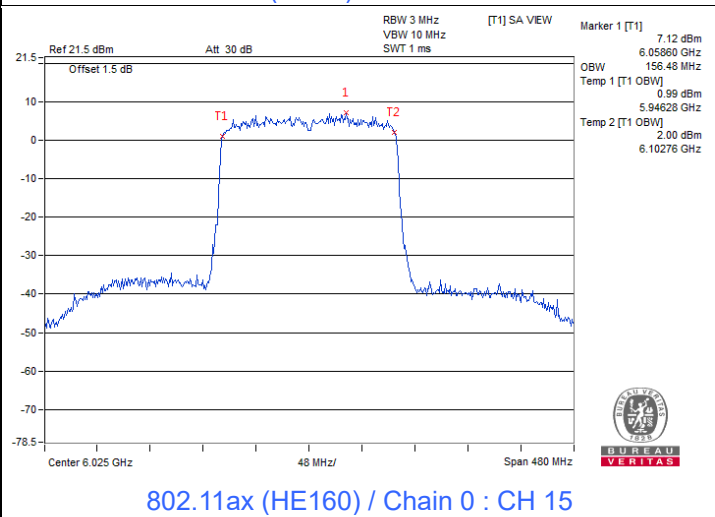
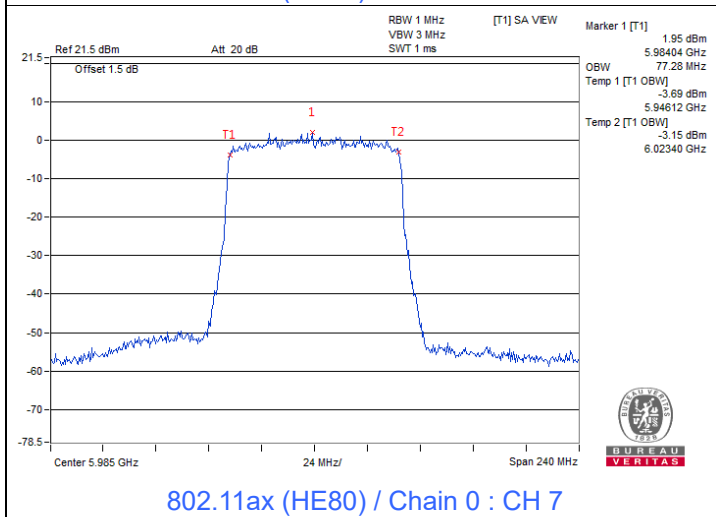
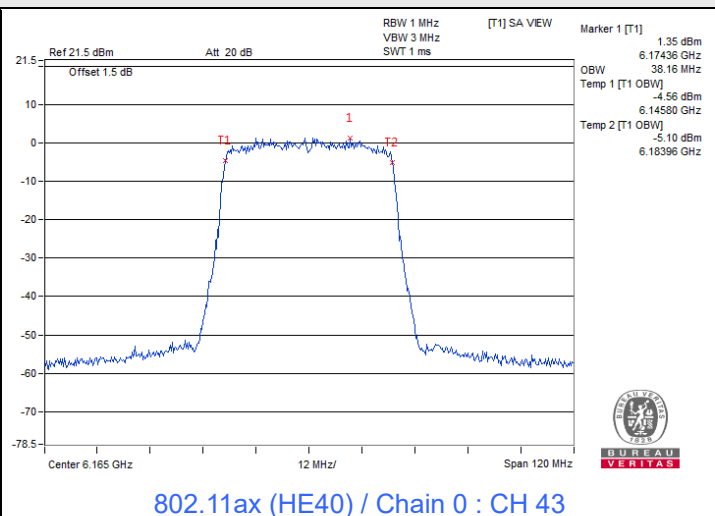
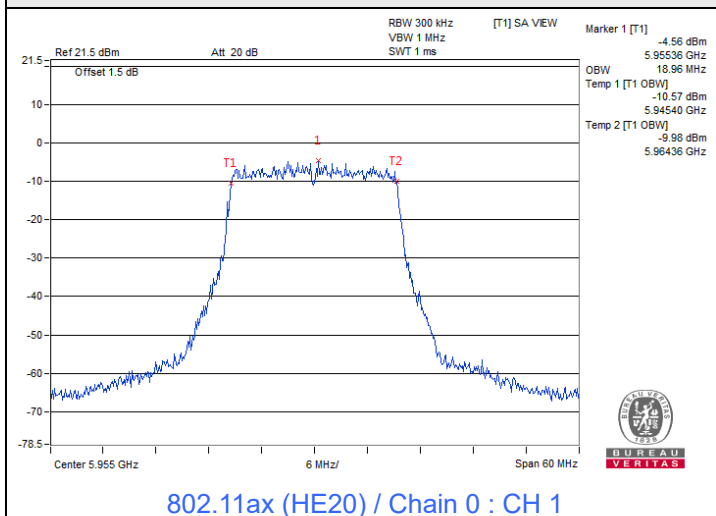
802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	77.28	77.28	320	Pass
39	6145	77.28	77.28	320	Pass
87	6385	77.28	77.28	320	Pass
103	6465	77.28	77.28	320	Pass
119	6545	77.28	77.28	320	Pass
151	6705	77.28	77.28	320	Pass
183	6865	77.28	77.28	320	Pass
199	6945	77.28	77.28	320	Pass
215	7025	77.28	77.28	320	Pass

802.11ax (HE160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	156.48	156.48	320	Pass
47	6185	156.48	156.48	320	Pass
79	6345	156.48	156.48	320	Pass
111	6505	156.48	156.48	320	Pass
143	6665	156.48	156.48	320	Pass
175	6825	156.48	156.48	320	Pass
207	6985	156.48	156.48	320	Pass

Spectrum Plot of Maximum Value



Test Mode B

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Jisyong Wang
--------------	----------------	---------------------------	--------------	------------	--------------

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	18.96	18.96	320	Pass
45	6175	18.96	18.96	320	Pass
93	6415	18.96	18.96	320	Pass
117	6535	18.96	18.96	320	Pass
149	6695	18.96	18.96	320	Pass
181	6855	18.96	18.96	320	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	5965	37.92	37.92	320	Pass
43	6165	38.16	38.16	320	Pass
91	6405	38.16	38.16	320	Pass
123	6565	38.16	37.92	320	Pass
155	6725	38.16	37.92	320	Pass
179	6845	37.68	37.68	320	Pass

802.11ax (HE80)

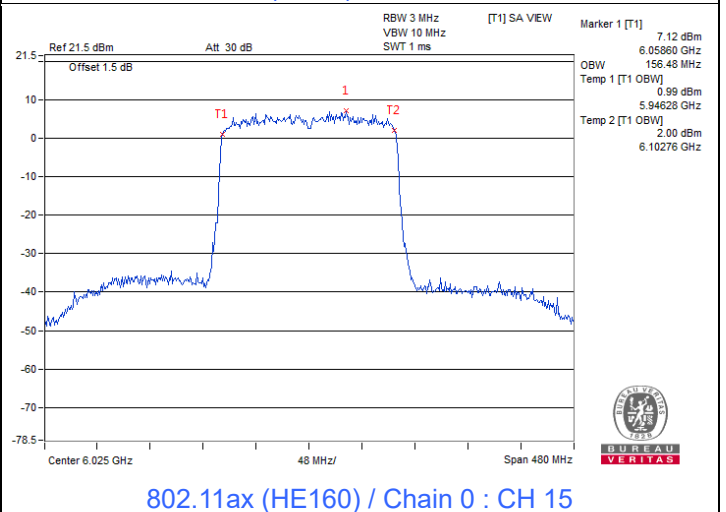
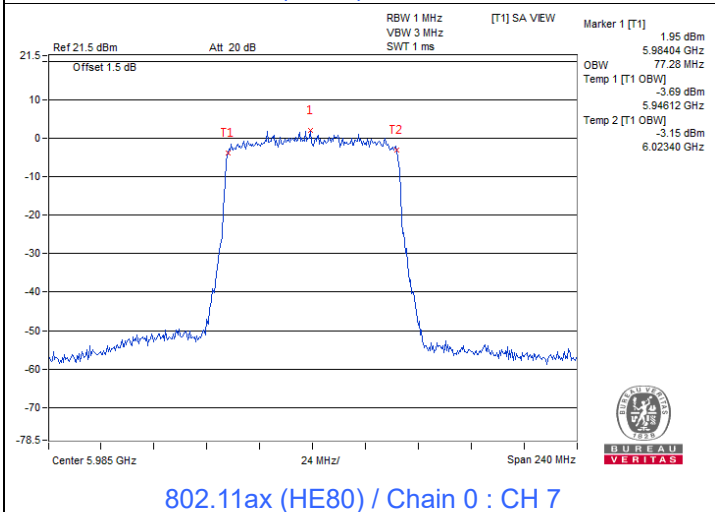
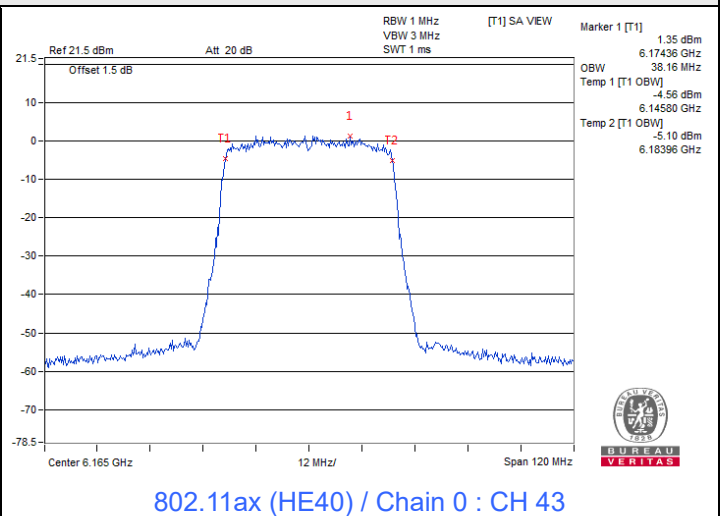
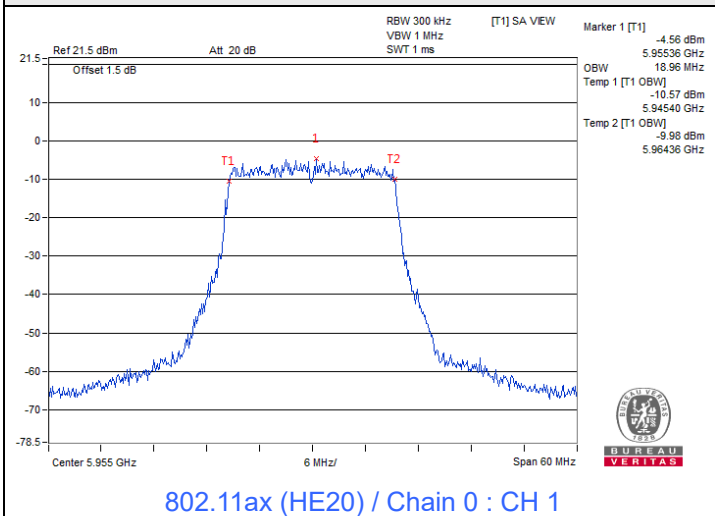
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	77.28	77.28	320	Pass
39	6145	77.28	77.28	320	Pass
87	6385	77.28	77.28	320	Pass
135	6625	76.80	77.28	320	Pass
151	6705	77.28	77.28	320	Pass
167	6785	77.28	77.28	320	Pass

802.11ax (HE160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	156.48	156.48	320	Pass
47	6185	156.48	156.48	320	Pass
79	6345	156.48	156.48	320	Pass
143	6665	156.48	156.48	320	Pass



Spectrum Plot of Maximum Value



7.6 Frequency Stability

Test Mode A

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Frank Liu
--------------	----------------	---------------------------	--------------	------------	-----------

802.11ax (HE20)

Frequency Stability Versus Temperature									
Operating Frequency: 5955 MHz									
Temp. (°C)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
60	3.87	5955.0159	Pass	5955.0137	Pass	5955.0161	Pass	5955.015	Pass
50	3.87	5954.991	Pass	5954.9922	Pass	5954.9902	Pass	5954.9886	Pass
40	3.87	5955.0282	Pass	5955.0254	Pass	5955.028	Pass	5955.0294	Pass
30	3.87	5954.9817	Pass	5954.9778	Pass	5954.9821	Pass	5954.9826	Pass
20	3.87	5954.9951	Pass	5954.9992	Pass	5954.9985	Pass	5954.9946	Pass
10	3.87	5954.9751	Pass	5954.9776	Pass	5954.9745	Pass	5954.9752	Pass
0	3.87	5954.9981	Pass	5954.9985	Pass	5954.9942	Pass	5954.9967	Pass
-10	3.87	5954.9986	Pass	5954.9997	Pass	5954.9991	Pass	5954.9965	Pass
-20	3.87	5955.0087	Pass	5955.0051	Pass	5955.0073	Pass	5955.0066	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5955 MHz									
Temp. (°C)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	4.4505	5954.9899	Pass	5954.9909	Pass	5954.991	Pass	5954.9908	Pass
	3.87	5954.9951	Pass	5954.9992	Pass	5954.9985	Pass	5954.9946	Pass
	3.2895	5954.9922	Pass	5954.9914	Pass	5954.9922	Pass	5954.9882	Pass

7.7 Contention-based Protocol

For U-NII-5 band

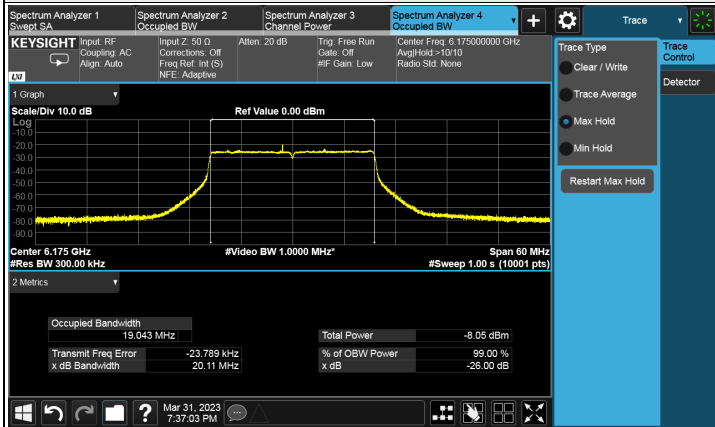
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	45	6175	6175	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
	160	47	6185	6110	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
				6185	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
				6260	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON

Note:

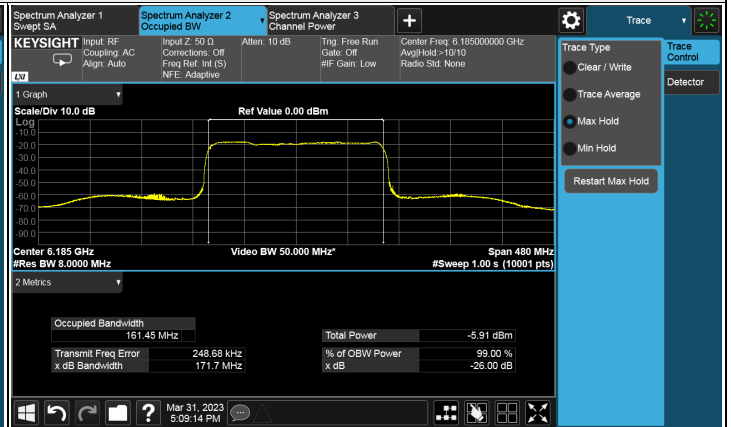
- Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
- After investigation (consider antenna gain and path loss), the one representative port (chain 0) was measured and presented in the report

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6175	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6110	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6185	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6260	v	x	v	v	v	v	v	v	v	v	90%	90%	Pass

Plots of EUT Tx waveform

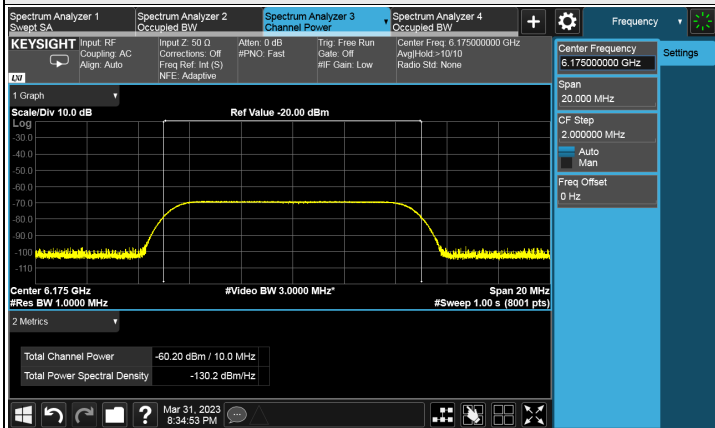


802.11ax (HE20) / CH 45

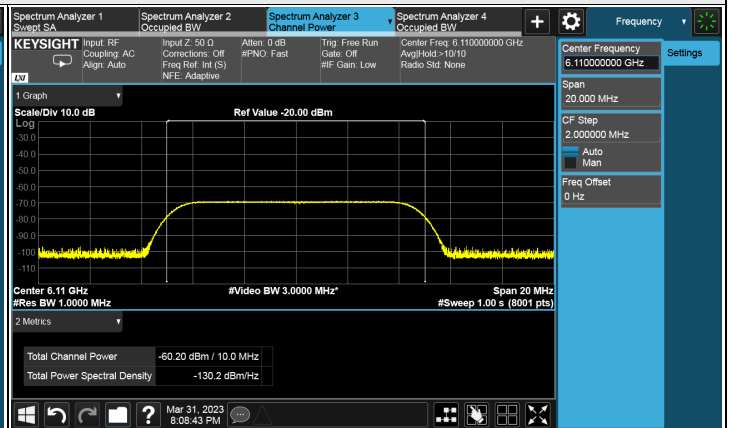


802.11ax (HE160) / CH 47

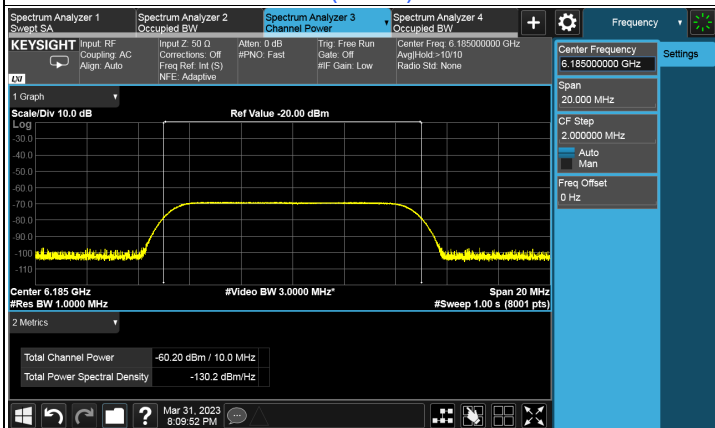
Plots of Incumbent signal(AWGN) Level



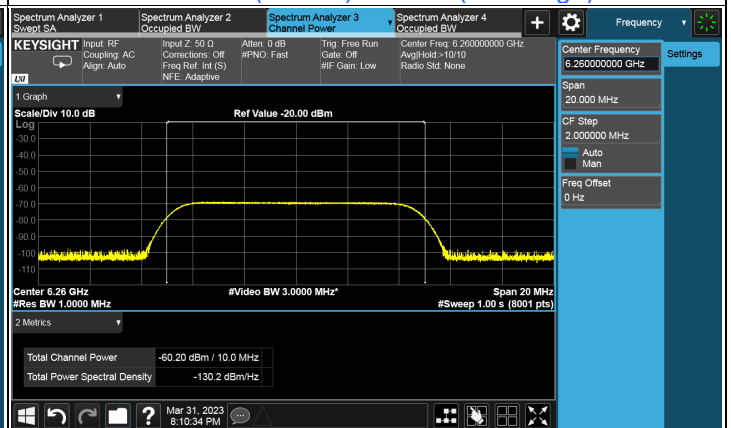
802.11ax (HE20) / CH 45



802.11ax (HE160) / CH 47 (Low Edge)



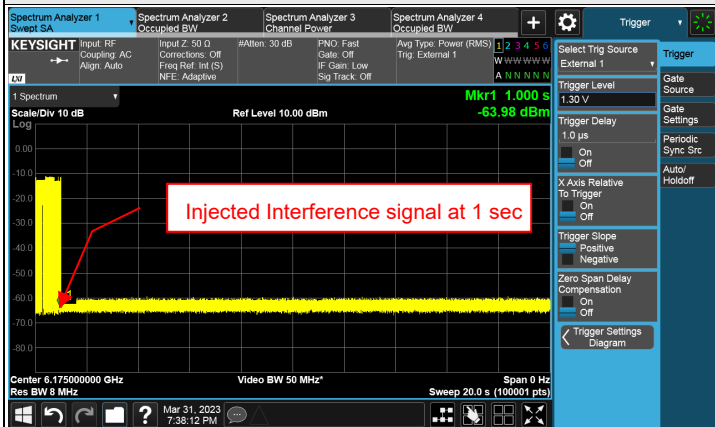
802.11ax (HE160) / CH 47 (Middle)



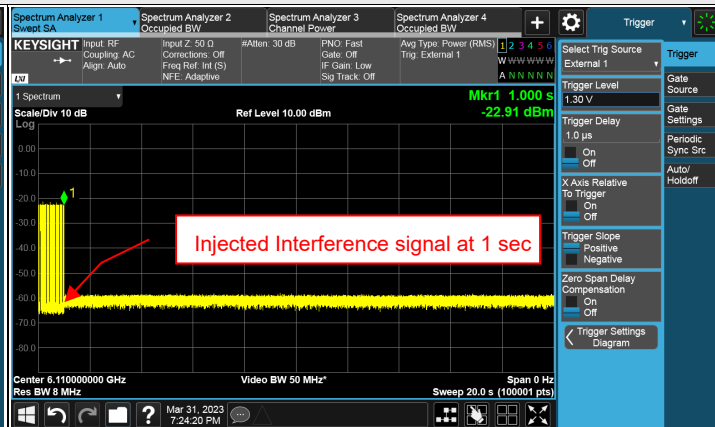
802.11ax (HE160) / CH 47 (High Edge)



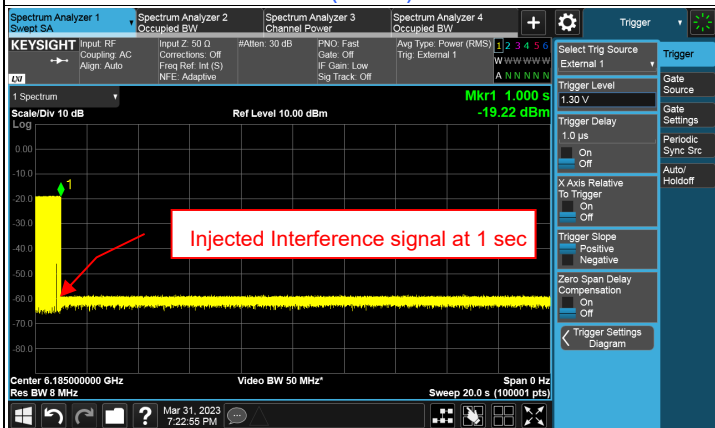
Plots of Incumbent signal(AWGN) Level



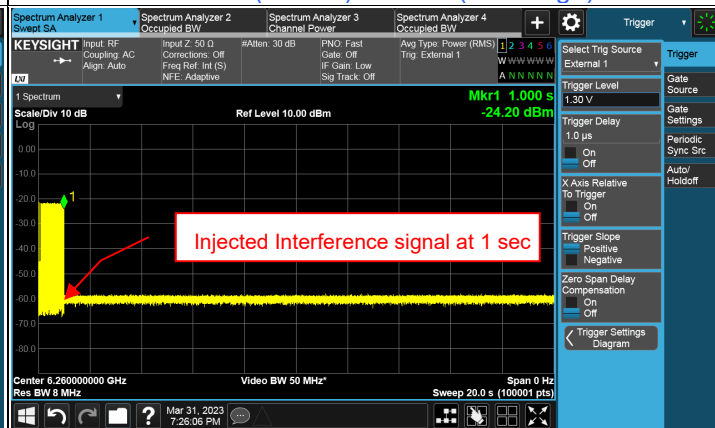
802.11ax (HE20) / CH 45



802.11ax (HE160) / CH 47 (Low Edge)



802.11ax (HE160) / CH 47 (Middle)



802.11ax (HE160) / CH 47 (High Edge)

For U-NII-6 band

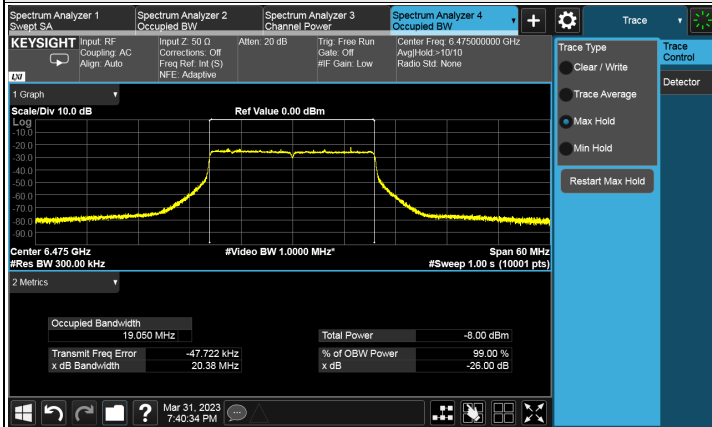
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	105	6475	6475	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
	160	111	6505	6430	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
				6505	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
				6580	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON

Note:

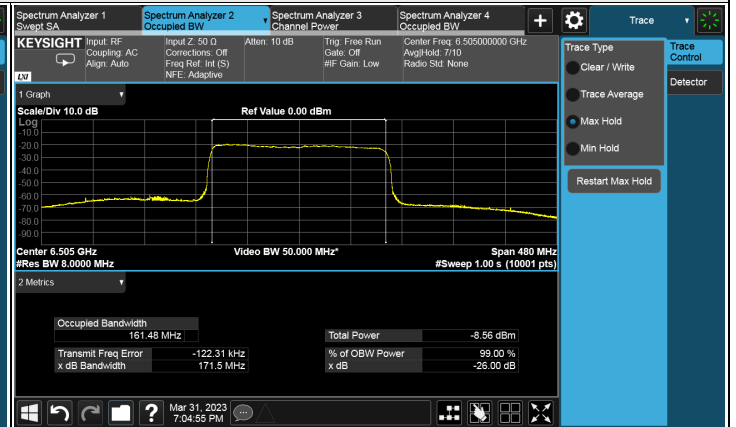
- Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
- After investigation (consider antenna gain and path loss), the one representative port (chain 0) was measured and presented in the report

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6475	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6430	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6505	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6580	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

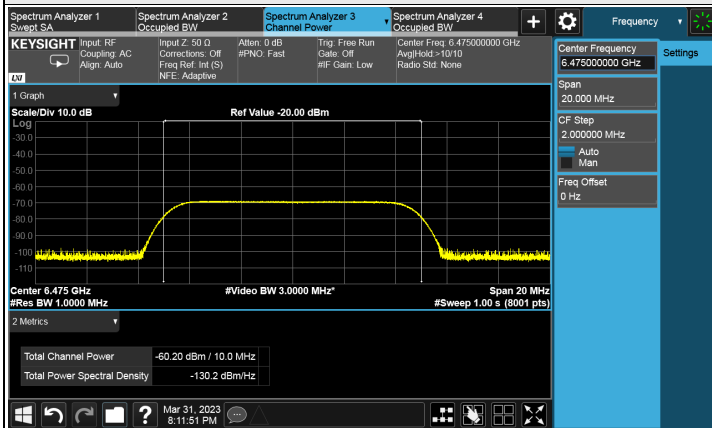


802.11ax (HE20) / CH 105

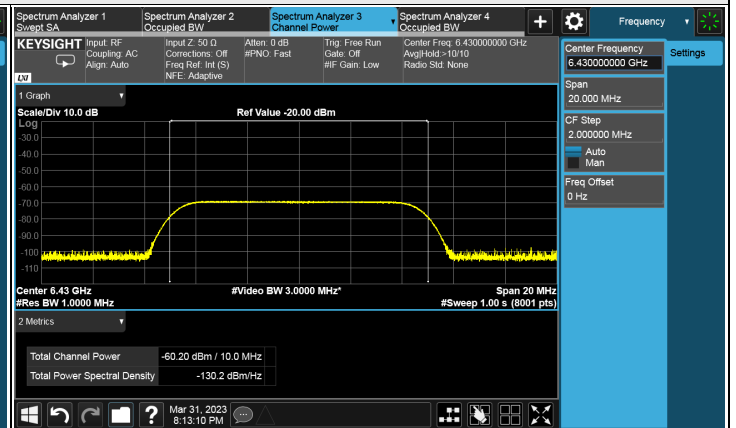


802.11ax (HE160) / CH 111

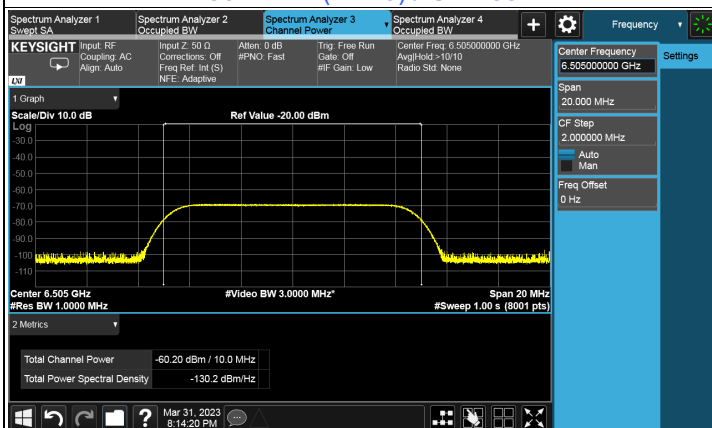
Plots of Incumbent signal(AWGN) Level



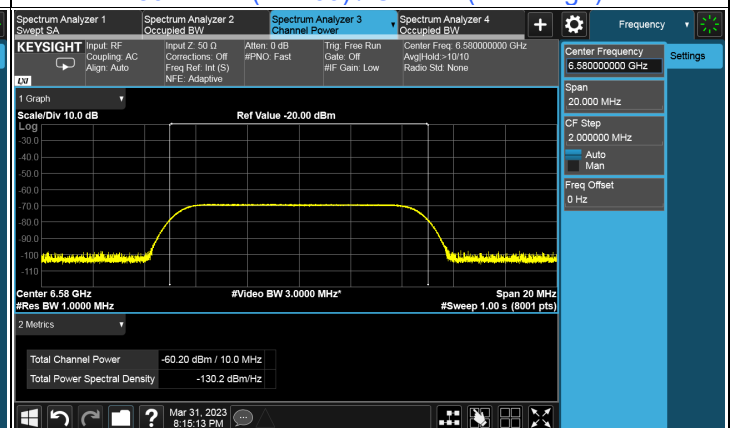
802.11ax (HE20) / CH 105



802.11ax (HE160) / CH 111 (Low Edge)

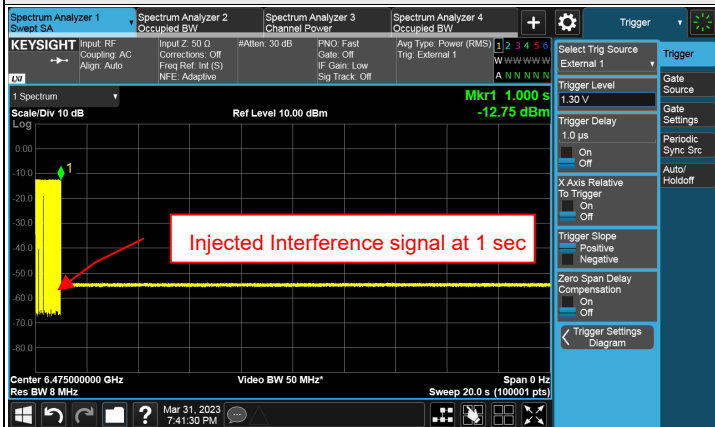


802.11ax (HE160) / CH 111 (Middle)

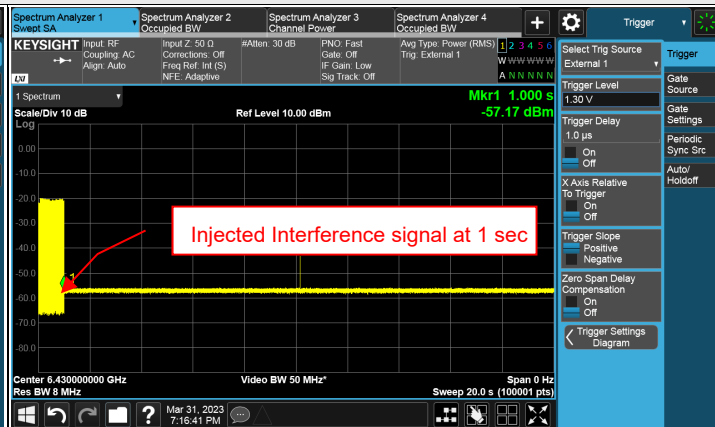


802.11ax (HE160) / CH 111 (High Edge)

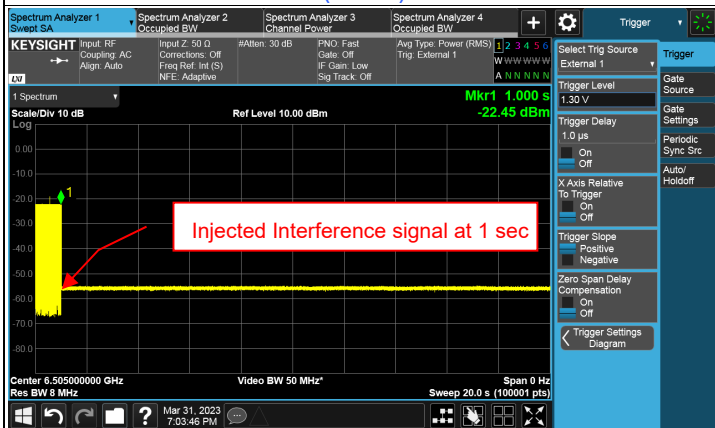
Plots of Incumbent signal(AWGN) Level



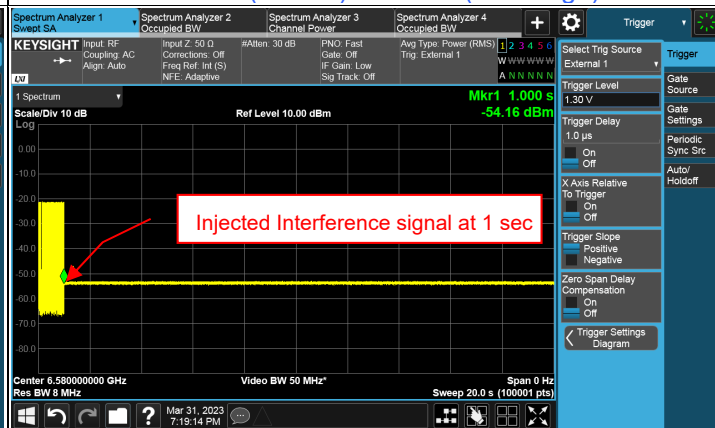
802.11ax (HE20) / CH 105



802.11ax (HE160) / CH 111 (Low Edge)



802.11ax (HE160) / CH 111 (Middle)



802.11ax (HE160) / CH 111 (High Edge)

For U-NII-7 band

Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	149	6695	6695	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
	160	143	6665	6590	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
				6665	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
				6740	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON

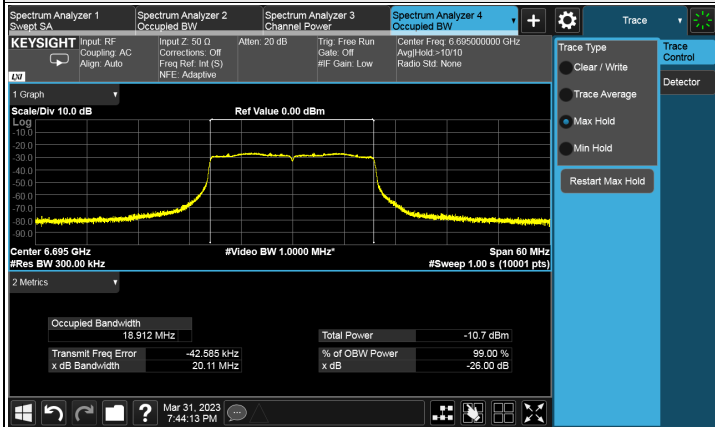
Note:

- Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
- After investigation (consider antenna gain and path loss), the one representative port (chain 0) was measured and presented in the report

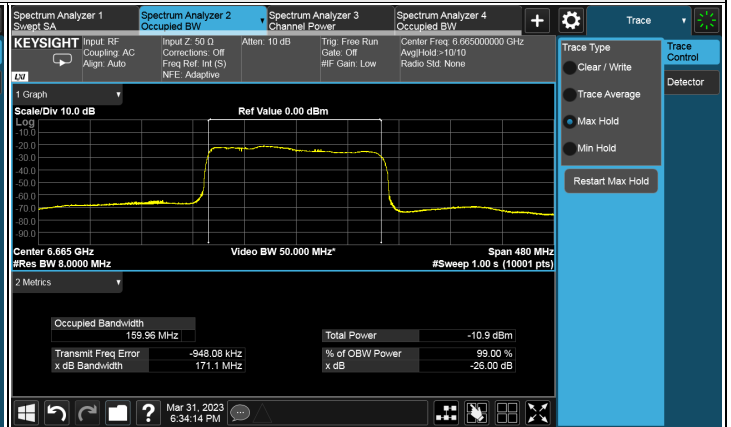
Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6695	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6590	v	v	v	v	v	v	x	v	v	v	90%	90%	Pass
		6665	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6740	v	v	v	v	v	v	v	v	v	x	v	90%	90%



Plots of EUT Tx waveform

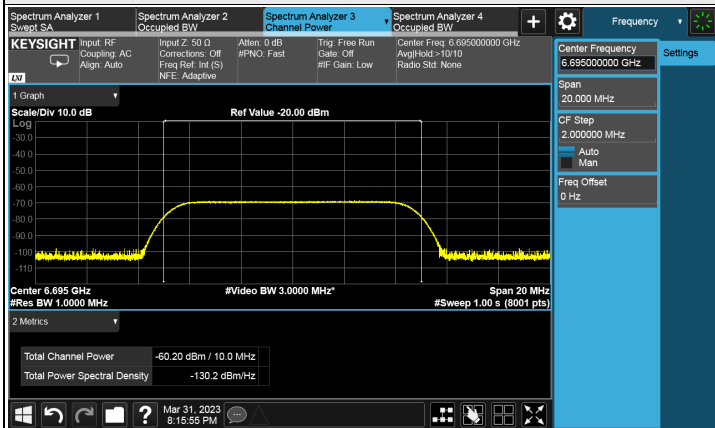


802.11ax (HE20) / CH 149

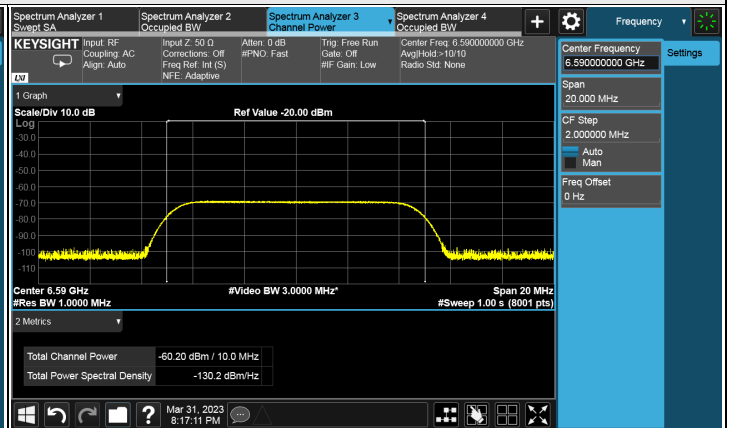


802.11ax (HE160) / CH 143

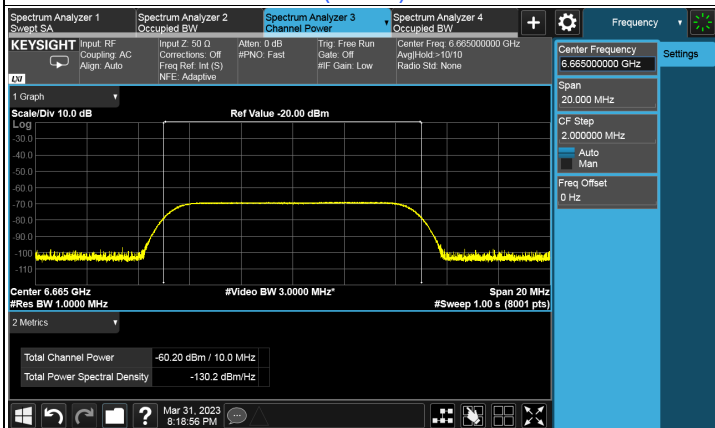
Plots of Incumbent signal(AWGN) Level



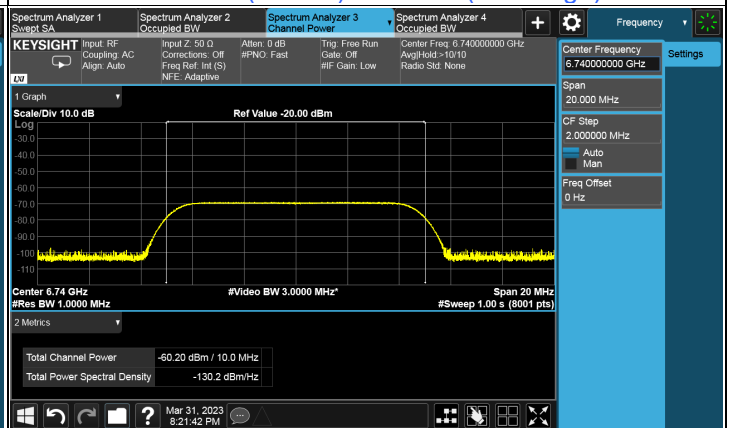
802.11ax (HE20) / CH 149



802.11ax (HE160) / CH 143 (Low Edge)

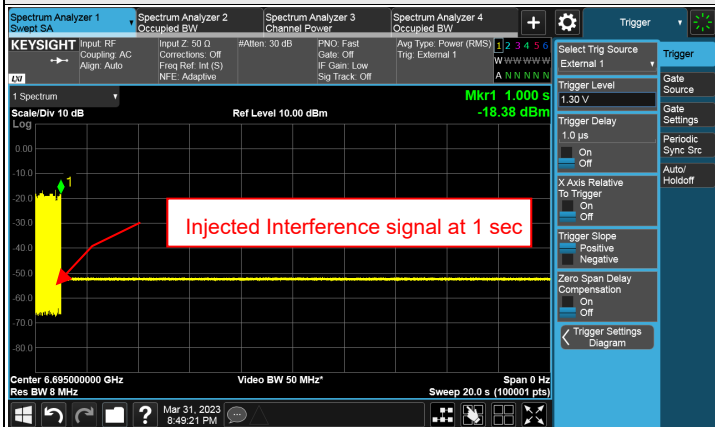


802.11ax (HE160) / CH 143 (Middle)



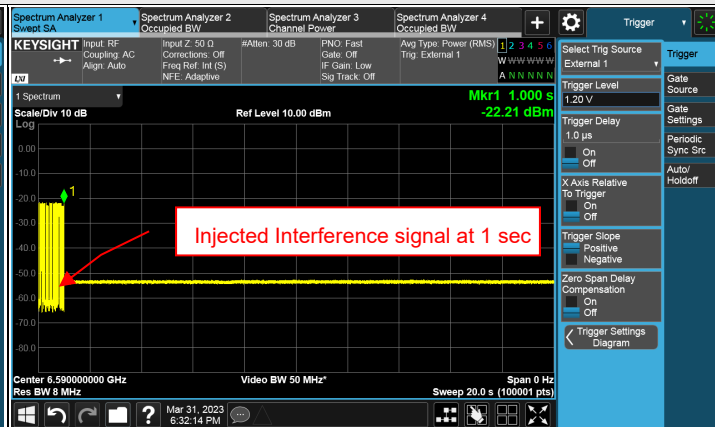
802.11ax (HE160) / CH 143 (High Edge)

Plots of Incumbent signal(AWGN) Level



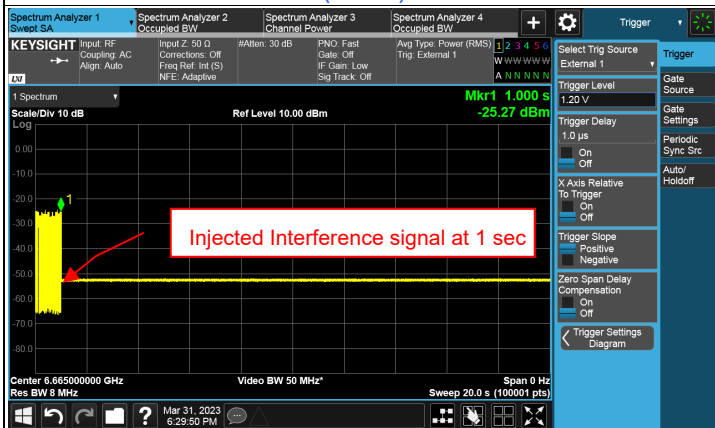
Injected Interference signal at 1 sec

802.11ax (HE20) / CH 149



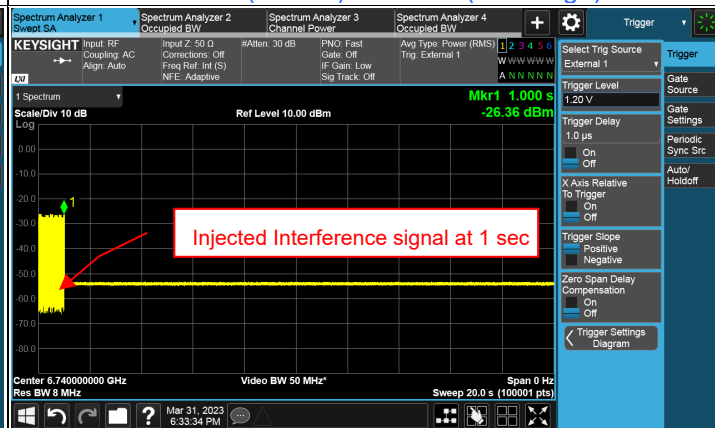
Injected Interference signal at 1 sec

802.11ax (HE160) / CH 143 (Low Edge)



Injected Interference signal at 1 sec

802.11ax (HE160) / CH 143 (Middle)



Injected Interference signal at 1 sec

802.11ax (HE160) / CH 143 (High Edge)

For U-NII-8 band

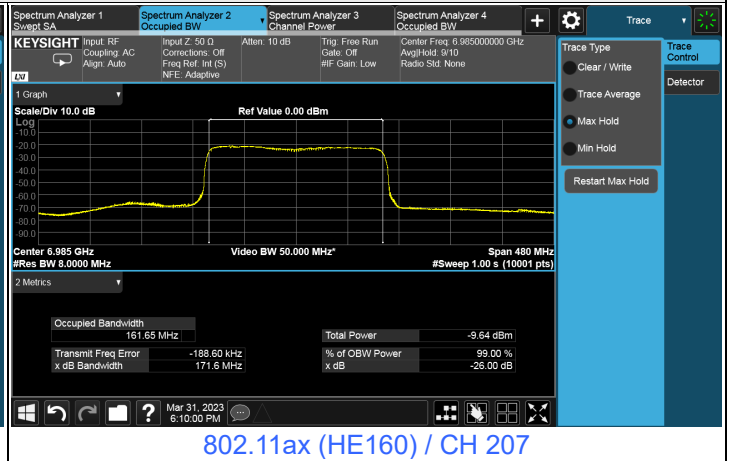
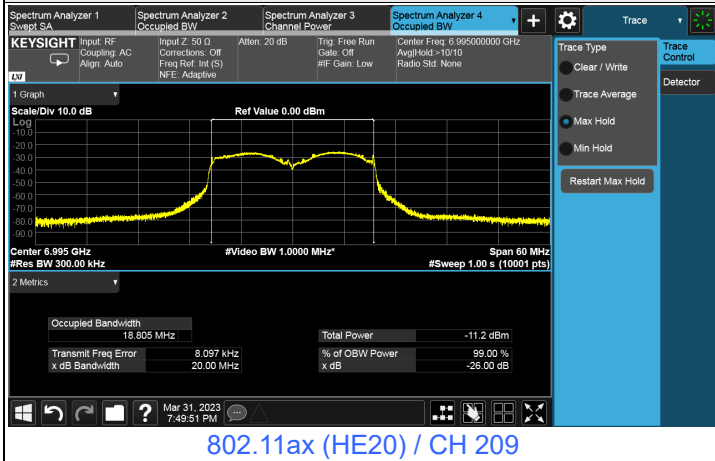
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	209	6995	6995	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
	160	207	6985	6910	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
				6985	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON
				7060	-60.2	1.8	0	-62	-62	OFF
					-62.2	1.8	0	-64	-62	Minimal
					-80.2	1.8	0	-82	-62	ON

Note:

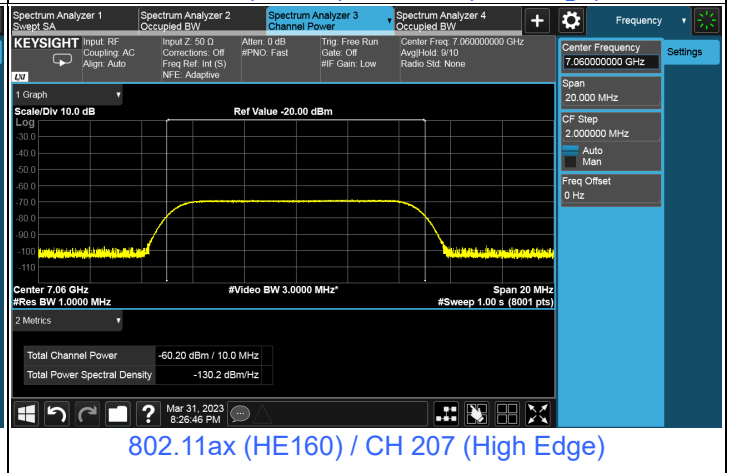
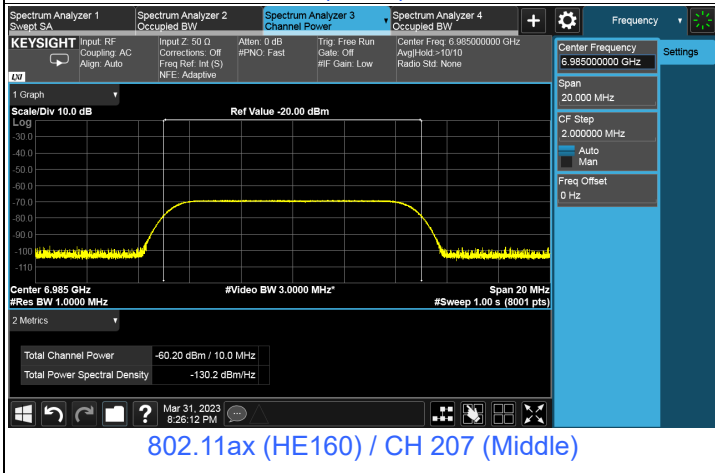
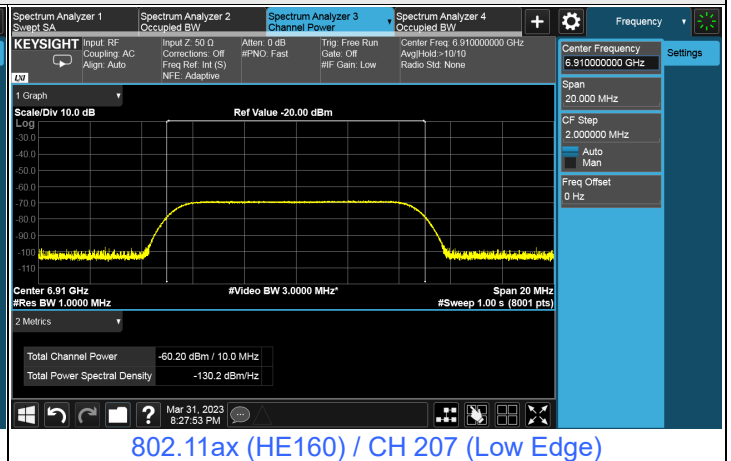
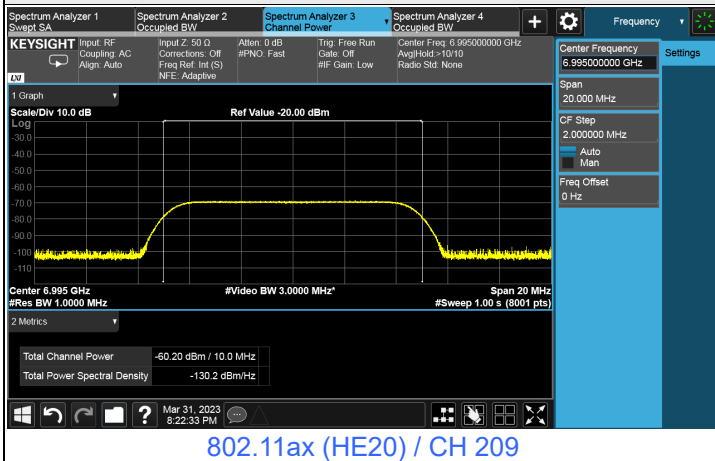
- Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
- After investigation (consider antenna gain and path loss), the one representative port (chain 0) was measured and presented in the report

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6995	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6910	v	v	v	v	v	v	x	v	v	v	90%	90%	Pass
		6985	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		7060	v	x	v	v	v	v	v	v	v	v	90%	90%	Pass

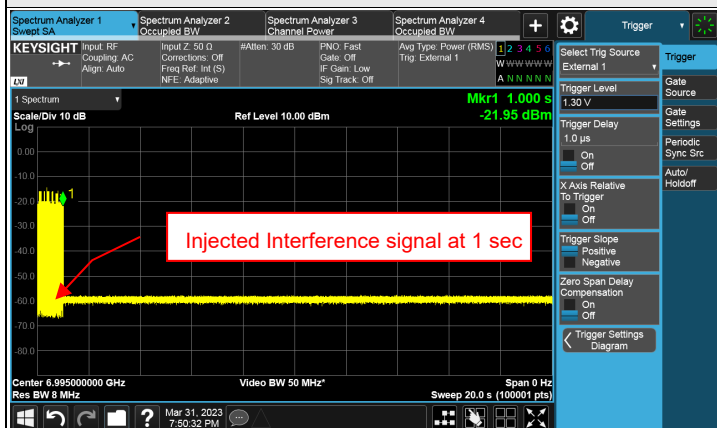
Plots of EUT Tx waveform



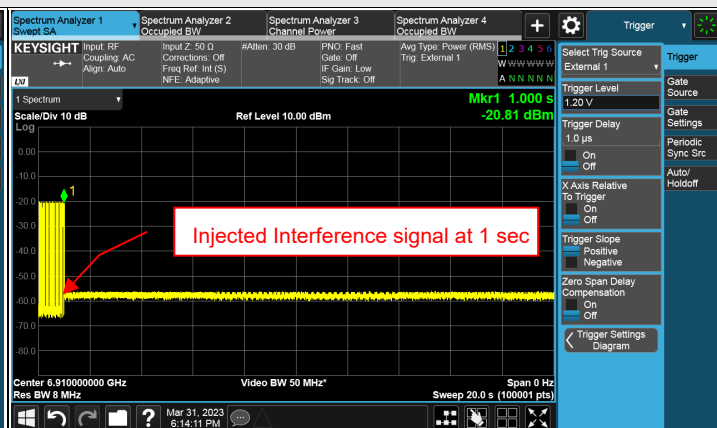
Plots of Incumbent signal(AWGN) Level



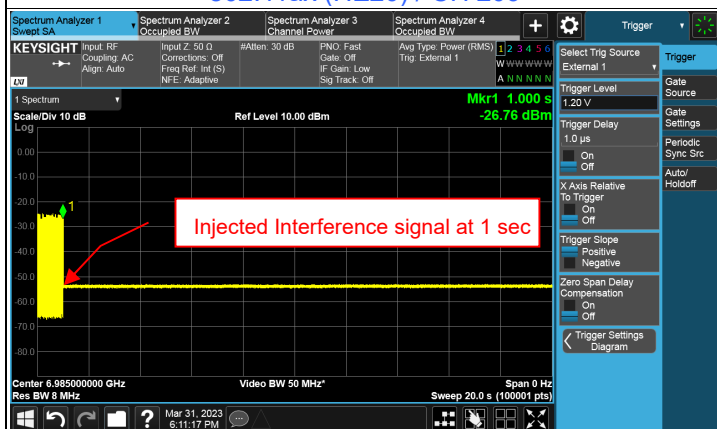
Plots of Incumbent signal(AWGN) Level



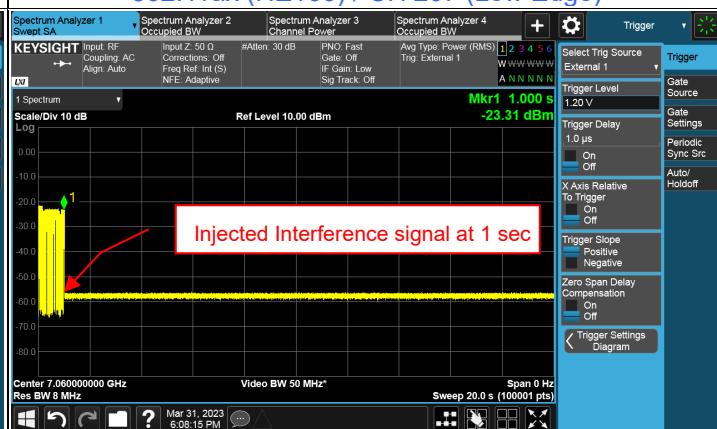
802.11ax (HE20) / CH 209



802.11ax (HE160) / CH 207 (Low Edge)



802.11ax (HE160) / CH 207 (Middle)



802.11ax (HE160) / CH 207 (High Edge)

7.8 AC Power Conducted Emissions

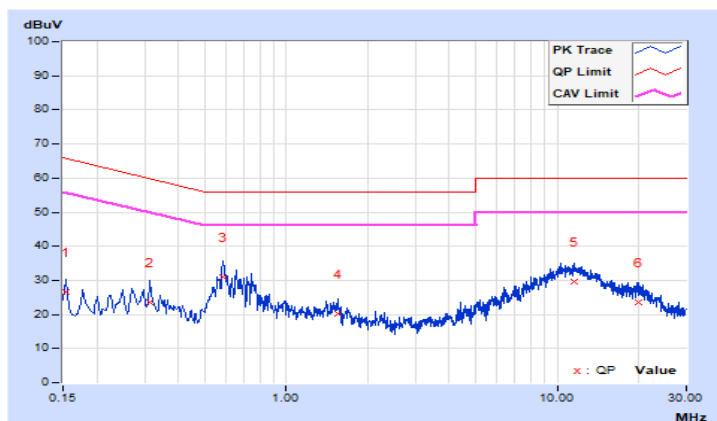
Test Mode A

RF Mode	802.11ax (HE160)	Channel	CH 79 : 6345 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 66.4% RH
Tested By	Thomas Cheng		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15400	9.64	17.04	9.04	26.68	18.68	65.78	55.78	-39.10	-37.10
2	0.31400	9.68	13.80	6.64	23.48	16.32	59.86	49.86	-36.38	-33.54
3	0.58600	9.70	21.26	15.49	30.96	25.19	56.00	46.00	-25.04	-20.81
4	1.55400	9.72	10.34	2.82	20.06	12.54	56.00	46.00	-35.94	-33.46
5	11.50600	9.84	19.84	13.09	29.68	22.93	60.00	50.00	-30.32	-27.07
6	20.03000	9.88	13.82	4.38	23.70	14.26	60.00	50.00	-36.30	-35.74

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

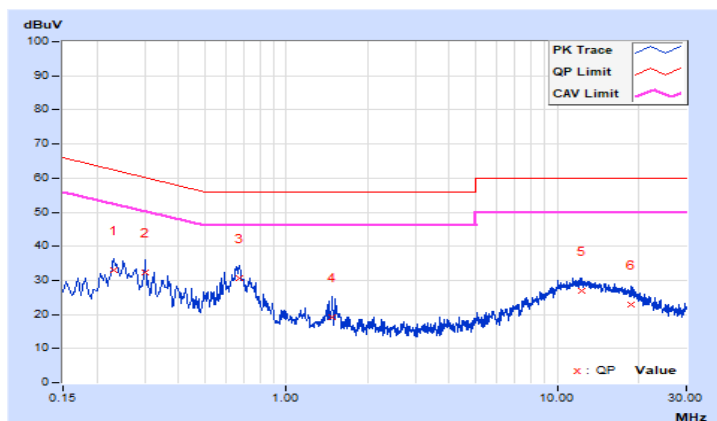


RF Mode	802.11ax (HE160)	Channel	CH 79 : 6345 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	21°C, 66.4% RH
Tested By	Thomas Cheng		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.23000	9.66	23.41	17.29	33.07	26.95	62.45	52.45	-29.38	-25.50
2	0.30200	9.68	22.76	16.53	32.44	26.21	60.19	50.19	-27.75	-23.98
3	0.66987	9.70	21.01	14.04	30.71	23.74	56.00	46.00	-25.29	-22.26
4	1.47800	9.72	9.54	2.74	19.26	12.46	56.00	46.00	-36.74	-33.54
5	12.34600	9.85	17.22	10.27	27.07	20.12	60.00	50.00	-32.93	-29.88
6	18.68600	9.90	13.06	7.13	22.96	17.03	60.00	50.00	-37.04	-32.97

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



7.9 Unwanted Emissions below 1 GHz

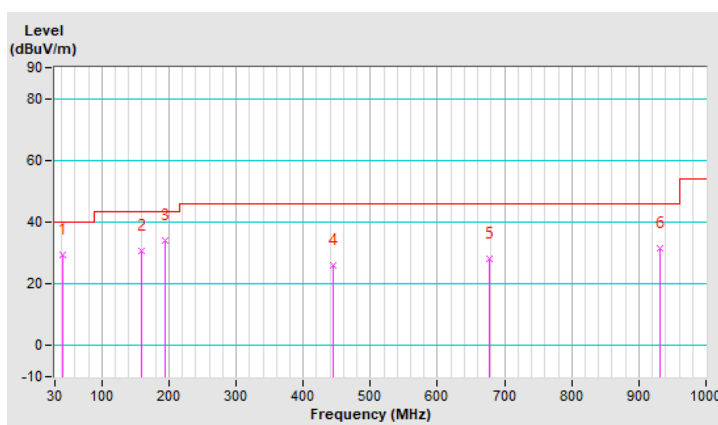
Test Mode A

RF Mode	802.11ax (HE160)	Channel	CH 79 : 6345 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	42.61	29.2 QP	40.0	-10.8	1.00 H	269	42.6	-13.4
2	159.01	30.5 QP	43.5	-13.0	1.25 H	258	43.5	-13.0
3	194.90	33.9 QP	43.5	-9.6	1.50 H	224	50.4	-16.5
4	445.16	26.1 QP	46.0	-19.9	1.00 H	101	35.0	-8.9
5	677.96	28.1 QP	46.0	-17.9	1.00 H	73	32.6	-4.5
6	931.13	31.4 QP	46.0	-14.6	1.25 H	82	32.4	-1.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

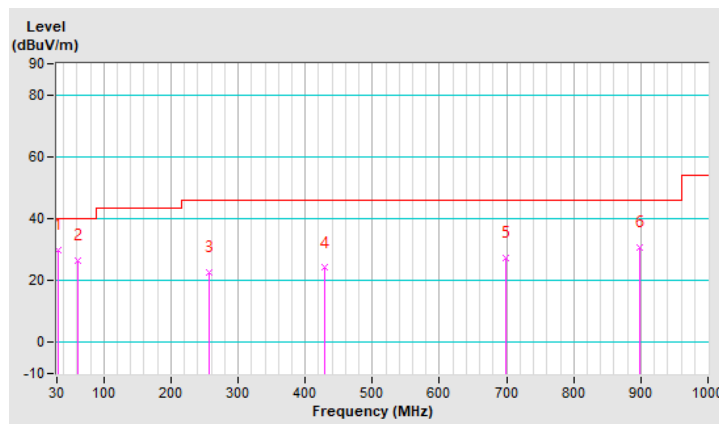


RF Mode	802.11ax (HE160)	Channel	CH 79 : 6345 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.94	29.8 QP	40.0	-10.2	1.25 V	330	44.2	-14.4
2	61.04	26.5 QP	40.0	-13.5	1.25 V	3	40.8	-14.3
3	256.01	22.7 QP	46.0	-23.3	1.00 V	171	37.2	-14.5
4	428.67	24.1 QP	46.0	-21.9	1.00 V	2	33.5	-9.4
5	698.33	27.5 QP	46.0	-18.5	1.50 V	2	31.6	-4.1
6	899.12	30.5 QP	46.0	-15.5	1.00 V	16	31.8	-1.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.10 Unwanted Emissions above 1 GHz

Test Mode A

RF Mode	802.11ax (HE20) (RU26)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.3 PK	88.2	-28.9	2.01 H	145	54.3	5.0
2	#5925.00	46.4 AV	68.2	-21.8	2.01 H	145	41.4	5.0
3	*5955.00	99.7 PK			2.01 H	145	57.1	42.6
4	*5955.00	87.7 AV			2.01 H	145	45.1	42.6
5	11910.00	57.0 PK	74.0	-17.0	1.82 H	269	48.5	8.5
6	11910.00	43.3 AV	54.0	-10.7	1.82 H	269	34.8	8.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.2 PK	88.2	-29.0	1.16 V	59	54.2	5.0
2	#5925.00	46.3 AV	68.2	-21.9	1.16 V	59	41.3	5.0
3	*5955.00	95.5 PK			1.16 V	59	52.9	42.6
4	*5955.00	84.0 AV			1.16 V	59	41.4	42.6
5	11910.00	56.8 PK	74.0	-17.2	2.38 V	191	48.3	8.5
6	11910.00	43.0 AV	54.0	-11.0	2.38 V	191	34.5	8.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 45 : 6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.5 PK	88.2	-28.7	2.19 H	156	54.5	5.0
2	5925.00	46.1 AV	68.2	-22.1	2.19 H	156	41.1	5.0
3	*6175.00	98.7 PK			2.19 H	156	55.2	43.5
4	*6175.00	86.5 AV			2.19 H	156	43.0	43.5
5	12350.00	57.7 PK	74.0	-16.3	1.90 H	259	48.6	9.1
6	12350.00	43.9 AV	54.0	-10.1	1.90 H	259	34.8	9.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.4 PK	88.2	-28.8	1.28 V	57	54.4	5.0
2	5925.00	46.0 AV	68.2	-22.2	1.28 V	57	41.0	5.0
3	*6175.00	95.2 PK			1.28 V	57	51.7	43.5
4	*6175.00	83.0 AV			1.28 V	57	39.5	43.5
5	12350.00	57.4 PK	74.0	-16.6	2.42 V	186	48.3	9.1
6	12350.00	43.6 AV	54.0	-10.4	2.42 V	186	34.5	9.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 93 : 6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.5 PK	88.2	-27.7	2.17 H	152	55.5	5.0
2	5925.00	47.2 AV	68.2	-21.0	2.17 H	152	42.2	5.0
3	*6415.00	98.9 PK			2.17 H	152	54.0	44.9
4	*6415.00	87.2 AV			2.17 H	152	42.3	44.9
5	#12830.00	58.4 PK	88.2	-29.8	1.91 H	260	48.7	9.7
6	#12830.00	44.6 AV	68.2	-23.6	1.91 H	260	34.9	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.9 PK	88.2	-28.3	1.23 V	61	54.9	5.0
2	5925.00	47.0 AV	68.2	-21.2	1.23 V	61	42.0	5.0
3	*6415.00	96.9 PK			1.23 V	61	52.0	44.9
4	*6415.00	84.6 AV			1.23 V	61	39.7	44.9
5	#12830.00	58.1 PK	88.2	-30.1	2.41 V	185	48.4	9.7
6	#12830.00	44.2 AV	68.2	-24.0	2.41 V	185	34.5	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.6 PK	88.2	-28.6	1.63 H	145	54.6	5.0
2	#5925.00	46.1 AV	68.2	-22.1	1.63 H	145	41.1	5.0
3	*5955.00	99.5 PK			1.63 H	145	56.9	42.6
4	*5955.00	87.7 AV			1.63 H	145	45.1	42.6
5	11910.00	56.9 PK	74.0	-17.1	1.88 H	262	48.4	8.5
6	11910.00	43.2 AV	54.0	-10.8	1.88 H	262	34.7	8.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.4 PK	88.2	-28.8	1.19 V	57	54.4	5.0
2	#5925.00	46.0 AV	68.2	-22.2	1.19 V	57	41.0	5.0
3	*5955.00	95.8 PK			1.19 V	57	53.2	42.6
4	*5955.00	84.0 AV			1.19 V	57	41.4	42.6
5	11910.00	56.7 PK	74.0	-17.3	2.42 V	193	48.2	8.5
6	11910.00	43.1 AV	54.0	-10.9	2.42 V	193	34.6	8.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20) (RU52)	Channel	CH 45 : 6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.6 PK	88.2	-28.6	2.17 H	168	54.6	5.0
2	5925.00	46.2 AV	68.2	-22.0	2.17 H	168	41.2	5.0
3	*6175.00	98.9 PK			2.17 H	168	55.4	43.5
4	*6175.00	86.6 AV			2.17 H	168	43.1	43.5
5	12350.00	57.9 PK	74.0	-16.1	1.93 H	262	48.8	9.1
6	12350.00	44.1 AV	54.0	-9.9	1.93 H	262	35.0	9.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.4 PK	88.2	-28.8	1.18 V	59	54.4	5.0
2	5925.00	46.0 AV	68.2	-22.2	1.18 V	59	41.0	5.0
3	*6175.00	94.6 PK			1.18 V	59	51.1	43.5
4	*6175.00	82.9 AV			1.18 V	59	39.4	43.5
5	12350.00	57.5 PK	74.0	-16.5	2.29 V	186	48.4	9.1
6	12350.00	43.8 AV	54.0	-10.2	2.29 V	186	34.7	9.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 93 : 6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.4 PK	88.2	-27.8	2.13 H	175	55.4	5.0
2	5925.00	47.2 AV	68.2	-21.0	2.13 H	175	42.2	5.0
3	*6415.00	99.6 PK			2.13 H	175	54.7	44.9
4	*6415.00	87.7 AV			2.13 H	175	42.8	44.9
5	#12830.00	58.3 PK	88.2	-29.9	1.93 H	249	48.6	9.7
6	#12830.00	44.7 AV	68.2	-23.5	1.93 H	249	35.0	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.1 PK	88.2	-28.1	1.30 V	60	55.1	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.30 V	60	42.1	5.0
3	*6415.00	95.7 PK			1.30 V	60	50.8	44.9
4	*6415.00	84.2 AV			1.30 V	60	39.3	44.9
5	#12830.00	57.9 PK	88.2	-30.3	2.41 V	193	48.2	9.7
6	#12830.00	44.2 AV	68.2	-24.0	2.41 V	193	34.5	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.3 PK	88.2	-28.9	1.07 H	141	54.3	5.0
2	#5925.00	46.2 AV	68.2	-22.0	1.07 H	141	41.2	5.0
3	*5955.00	100.7 PK			1.07 H	141	58.1	42.6
4	*5955.00	89.1 AV			1.07 H	141	46.5	42.6
5	11910.00	57.0 PK	74.0	-17.0	1.92 H	258	48.5	8.5
6	11910.00	43.3 AV	54.0	-10.7	1.92 H	258	34.8	8.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.1 PK	88.2	-29.1	1.13 V	58	54.1	5.0
2	#5925.00	46.2 AV	68.2	-22.0	1.13 V	58	41.2	5.0
3	*5955.00	95.0 PK			1.13 V	58	52.4	42.6
4	*5955.00	83.4 AV			1.13 V	58	40.8	42.6
5	11910.00	57.5 PK	74.0	-16.5	2.40 V	195	49.0	8.5
6	11910.00	43.7 AV	54.0	-10.3	2.40 V	195	35.2	8.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 45 : 6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.2 PK	88.2	-29.0	2.66 H	186	54.2	5.0
2	5925.00	46.4 AV	68.2	-21.8	2.66 H	186	41.4	5.0
3	*6175.00	99.4 PK			2.66 H	186	55.9	43.5
4	*6175.00	87.1 AV			2.66 H	186	43.6	43.5
5	12350.00	57.8 PK	74.0	-16.2	1.91 H	263	48.7	9.1
6	12350.00	44.0 AV	54.0	-10.0	1.91 H	263	34.9	9.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.1 PK	88.2	-29.1	1.13 V	58	54.1	5.0
2	5925.00	46.2 AV	68.2	-22.0	1.13 V	58	41.2	5.0
3	*6175.00	95.0 PK			1.13 V	58	51.5	43.5
4	*6175.00	83.4 AV			1.13 V	58	39.9	43.5
5	12350.00	57.5 PK	74.0	-16.5	2.40 V	195	48.4	9.1
6	12350.00	43.7 AV	54.0	-10.3	2.40 V	195	34.6	9.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20) (RU106)	Channel	CH 93 : 6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.4 PK	88.2	-27.8	2.16 H	176	55.4	5.0
2	5925.00	47.5 AV	68.2	-20.7	2.16 H	176	42.5	5.0
3	*6415.00	100.2 PK			2.16 H	176	55.3	44.9
4	*6415.00	87.9 AV			2.16 H	176	43.0	44.9
5	#12830.00	58.3 PK	88.2	-29.9	1.87 H	249	48.6	9.7
6	#12830.00	44.5 AV	68.2	-23.7	1.87 H	249	34.8	9.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.0 PK	88.2	-28.2	1.25 V	52	55.0	5.0
2	5925.00	47.0 AV	68.2	-21.2	1.25 V	52	42.0	5.0
3	*6415.00	96.6 PK			1.25 V	52	51.7	44.9
4	*6415.00	84.8 AV			1.25 V	52	39.9	44.9
5	#12830.00	57.8 PK	88.2	-30.4	2.43 V	189	48.1	9.7
6	#12830.00	44.0 AV	68.2	-24.2	2.43 V	189	34.3	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.6 PK	88.2	-28.6	1.01 H	142	54.6	5.0
2	#5925.00	50.4 AV	68.2	-17.8	1.01 H	142	45.4	5.0
3	*5955.00	109.1 PK			1.01 H	142	66.5	42.6
4	*5955.00	98.8 AV			1.01 H	142	56.2	42.6
5	11910.00	56.8 PK	74.0	-17.2	1.76 H	294	48.3	8.5
6	11910.00	47.1 AV	54.0	-6.9	1.76 H	294	38.6	8.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5955.00	104.3 PK			1.24 V	348	61.7	42.6
2	*5955.00	94.0 AV			1.24 V	348	51.4	42.6
3	11910.00	56.0 PK	74.0	-18.0	2.42 V	157	47.5	8.5
4	11910.00	46.8 AV	54.0	-7.2	2.42 V	157	38.3	8.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 45 : 6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	108.9 PK			1.04 H	138	65.4	43.5
2	*6175.00	98.6 AV			1.04 H	138	55.1	43.5
3	12350.00	57.3 PK	74.0	-16.7	1.71 H	286	48.2	9.1
4	12350.00	47.6 AV	54.0	-6.4	1.71 H	286	38.5	9.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	104.4 PK			1.22 V	341	60.9	43.5
2	*6175.00	94.1 AV			1.22 V	341	50.6	43.5
3	12350.00	56.8 PK	74.0	-17.2	2.37 V	154	47.7	9.1
4	12350.00	47.2 AV	54.0	-6.8	2.37 V	154	38.1	9.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 93 : 6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	108.6 PK			1.06 H	143	63.7	44.9
2	*6415.00	98.4 AV			1.06 H	143	53.5	44.9
3	#12830.00	58.0 PK	88.2	-30.2	1.67 H	293	48.3	9.7
4	#12830.00	48.4 AV	68.2	-19.8	1.67 H	293	38.7	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	104.3 PK			1.28 V	339	59.4	44.9
2	*6415.00	94.0 AV			1.28 V	339	49.1	44.9
3	#12830.00	57.5 PK	88.2	-30.7	2.34 V	152	47.8	9.7
4	#12830.00	48.1 AV	68.2	-20.1	2.34 V	152	38.4	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 3 : 5965 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.6 PK	88.2	-28.6	1.00 H	141	54.6	5.0
2	#5925.00	49.6 AV	68.2	-18.6	1.00 H	141	44.6	5.0
3	*5965.00	106.5 PK			1.00 H	141	63.9	42.6
4	*5965.00	96.4 AV			1.00 H	141	53.8	42.6
5	11930.00	56.6 PK	74.0	-17.4	1.77 H	284	48.1	8.5
6	11930.00	47.1 AV	54.0	-6.9	1.77 H	284	38.6	8.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	58.8 PK	88.2	-29.4	1.28 V	336	53.8	5.0
2	#5925.00	49.2 AV	68.2	-19.0	1.28 V	336	44.2	5.0
3	*5965.00	102.0 PK			1.28 V	336	59.4	42.6
4	*5965.00	91.8 AV			1.28 V	336	49.2	42.6
5	11930.00	56.2 PK	74.0	-17.8	2.36 V	155	47.7	8.5
6	11930.00	46.9 AV	54.0	-7.1	2.36 V	155	38.4	8.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 43 : 6165 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6165.00	106.5 PK			1.04 H	139	63.1	43.4
2	*6165.00	96.2 AV			1.04 H	139	52.8	43.4
3	12330.00	57.2 PK	74.0	-16.8	1.72 H	294	48.2	9.0
4	12330.00	47.8 AV	54.0	-6.2	1.72 H	294	38.8	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6165.00	102.0 PK			1.18 V	347	58.6	43.4
2	*6165.00	91.8 AV			1.18 V	347	48.4	43.4
3	12330.00	56.5 PK	74.0	-17.5	2.39 V	151	47.5	9.0
4	12330.00	47.1 AV	54.0	-6.9	2.39 V	151	38.1	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 91 : 6405 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6405.00	106.1 PK			1.05 H	138	61.3	44.8
2	*6405.00	95.9 AV			1.05 H	138	51.1	44.8
3	#12810.00	58.1 PK	88.2	-30.1	1.64 H	285	48.3	9.8
4	#12810.00	48.4 AV	68.2	-19.8	1.64 H	285	38.6	9.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6405.00	101.7 PK			1.28 V	340	56.9	44.8
2	*6405.00	91.5 AV			1.28 V	340	46.7	44.8
3	#12810.00	57.3 PK	88.2	-30.9	2.33 V	154	47.5	9.8
4	#12810.00	47.9 AV	68.2	-20.3	2.33 V	154	38.1	9.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 7 : 5985 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	60.8 PK	88.2	-27.4	1.00 H	112	55.8	5.0
2	#5925.00	50.4 AV	68.2	-17.8	1.00 H	112	45.4	5.0
3	*5985.00	103.7 PK			1.00 H	112	61.1	42.6
4	*5985.00	93.3 AV			1.00 H	112	50.7	42.6
5	11970.00	56.6 PK	74.0	-17.4	1.74 H	292	48.0	8.6
6	11970.00	47.1 AV	54.0	-6.9	1.74 H	292	38.5	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	60.3 PK	88.2	-27.9	1.29 V	347	55.3	5.0
2	#5925.00	49.8 AV	68.2	-18.4	1.29 V	347	44.8	5.0
3	*5985.00	99.3 PK			1.29 V	347	56.7	42.6
4	*5985.00	88.9 AV			1.29 V	347	46.3	42.6
5	11970.00	56.0 PK	74.0	-18.0	2.36 V	148	47.4	8.6
6	11970.00	46.8 AV	54.0	-7.2	2.36 V	148	38.2	8.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 39 : 6145 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6145.00	103.9 PK			1.04 H	143	60.6	43.3
2	*6145.00	93.6 AV			1.04 H	143	50.3	43.3
3	12290.00	56.9 PK	74.0	-17.1	1.64 H	306	47.9	9.0
4	12290.00	47.4 AV	54.0	-6.6	1.64 H	306	38.4	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6145.00	99.6 PK			1.21 V	348	56.3	43.3
2	*6145.00	89.2 AV			1.21 V	348	45.9	43.3
3	12290.00	56.4 PK	74.0	-17.6	2.52 V	146	47.4	9.0
4	12290.00	47.1 AV	54.0	-6.9	2.52 V	146	38.1	9.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 87 : 6385 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6385.00	103.5 PK			1.02 H	137	58.8	44.7
2	*6385.00	93.1 AV			1.02 H	137	48.4	44.7
3	#12770.00	57.7 PK	88.2	-30.5	1.82 H	307	48.0	9.7
4	#12770.00	48.3 AV	68.2	-19.9	1.82 H	307	38.6	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6385.00	99.2 PK			1.20 V	341	54.5	44.7
2	*6385.00	88.8 AV			1.20 V	341	44.1	44.7
3	#12770.00	57.0 PK	88.2	-31.2	2.52 V	158	47.3	9.7
4	#12770.00	47.7 AV	68.2	-20.5	2.52 V	158	38.0	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE160) (Full RU)	Channel	CH 15 : 6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	60.4 PK	88.2	-27.8	1.02 H	114	55.4	5.0
2	#5925.00	49.9 AV	68.2	-18.3	1.02 H	114	44.9	5.0
3	*6025.00	99.4 PK			1.02 H	114	56.7	42.7
4	*6025.00	89.6 AV			1.02 H	114	46.9	42.7
5	12050.00	56.4 PK	74.0	-17.6	1.82 H	301	47.7	8.7
6	12050.00	47.1 AV	54.0	-6.9	1.82 H	301	38.4	8.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	59.4 PK	88.2	-28.8	1.22 V	351	54.4	5.0
2	#5925.00	49.3 AV	68.2	-18.9	1.22 V	351	44.3	5.0
3	*6025.00	95.2 PK			1.22 V	351	52.5	42.7
4	*6025.00	85.3 AV			1.22 V	351	42.6	42.7
5	12050.00	55.9 PK	74.0	-18.1	2.33 V	147	47.2	8.7
6	12050.00	46.4 AV	54.0	-7.6	2.33 V	147	37.7	8.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE160) (Full RU)	Channel	CH 47 : 6185 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6185.00	99.7 PK			1.04 H	125	56.2	43.5
2	*6185.00	89.4 AV			1.04 H	125	45.9	43.5
3	12370.00	56.9 PK	74.0	-17.1	1.89 H	298	47.8	9.1
4	12370.00	47.5 AV	54.0	-6.5	1.89 H	298	38.4	9.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6185.00	95.3 PK			1.21 V	337	51.8	43.5
2	*6185.00	85.1 AV			1.21 V	337	41.6	43.5
3	12370.00	56.2 PK	74.0	-17.8	2.54 V	156	47.1	9.1
4	12370.00	46.6 AV	54.0	-7.4	2.54 V	156	37.5	9.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE160) (Full RU)	Channel	CH 79 : 6345 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6345.00	100.4 PK			1.06 H	132	56.0	44.4
2	*6345.00	90.1 AV			1.06 H	132	45.7	44.4
3	12690.00	57.5 PK	74.0	-16.5	1.79 H	296	47.8	9.7
4	12690.00	48.1 AV	54.0	-5.9	1.79 H	296	38.4	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6345.00	96.1 PK			1.18 V	347	51.7	44.4
2	*6345.00	85.8 AV			1.18 V	347	41.4	44.4
3	12670.00	56.8 PK	74.0	-17.2	2.34 V	152	47.3	9.5
4	12670.00	47.2 AV	54.0	-6.8	2.34 V	152	37.7	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 97 : 6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.3 PK	88.2	-27.9	2.11 H	176	55.3	5.0
2	5925.00	47.5 AV	68.2	-20.7	2.11 H	176	42.5	5.0
3	*6435.00	102.5 PK			2.11 H	176	57.4	45.1
4	*6435.00	90.3 AV			2.11 H	176	45.2	45.1
5	#12870.00	58.3 PK	88.2	-29.9	1.91 H	251	48.6	9.7
6	#12870.00	44.5 AV	68.2	-23.7	1.91 H	251	34.8	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.1 PK	88.2	-28.1	1.26 V	63	55.1	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.26 V	63	42.1	5.0
3	*6435.00	98.5 PK			1.26 V	63	53.4	45.1
4	*6435.00	86.7 AV			1.26 V	63	41.6	45.1
5	#12870.00	58.3 PK	88.2	-29.9	2.43 V	192	48.6	9.7
6	#12870.00	44.2 AV	68.2	-24.0	2.43 V	192	34.5	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 105 : 6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.1 PK	88.2	-28.1	2.06 H	172	55.1	5.0
2	5925.00	47.3 AV	68.2	-20.9	2.06 H	172	42.3	5.0
3	*6475.00	102.5 PK			2.06 H	177	57.2	45.3
4	*6475.00	90.6 AV			2.06 H	177	45.3	45.3
5	#12950.00	58.1 PK	88.2	-30.1	1.92 H	256	48.6	9.5
6	#12950.00	44.2 AV	68.2	-24.0	1.92 H	256	34.7	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.0 PK	88.2	-28.2	1.33 V	63	55.0	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.33 V	63	42.1	5.0
3	*6475.00	98.8 PK			1.33 V	63	53.5	45.3
4	*6475.00	87.9 AV			1.33 V	63	42.6	45.3
5	#12950.00	57.7 PK	88.2	-30.5	2.43 V	187	48.2	9.5
6	#12950.00	43.9 AV	68.2	-24.3	2.43 V	187	34.4	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 113 : 6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.5 PK	88.2	-27.7	2.13 H	176	55.5	5.0
2	5925.00	47.5 AV	68.2	-20.7	2.13 H	176	42.5	5.0
3	*6515.00	103.4 PK			2.13 H	176	58.1	45.3
4	*6515.00	91.3 AV			2.13 H	176	46.0	45.3
5	#13030.00	58.2 PK	88.2	-30.0	1.99 H	254	48.9	9.3
6	#13030.00	43.9 AV	68.2	-24.3	1.99 H	254	34.6	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.2 PK	88.2	-28.0	1.26 V	67	55.2	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.26 V	67	42.1	5.0
3	*6515.00	100.4 PK			1.26 V	67	55.1	45.3
4	*6515.00	88.4 AV			1.26 V	67	43.1	45.3
5	#13030.00	57.6 PK	88.2	-30.6	2.43 V	187	48.3	9.3
6	#13030.00	43.7 AV	68.2	-24.5	2.43 V	187	34.4	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 97 : 6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.3 PK	88.2	-27.9	1.98 H	175	55.3	5.0
2	5925.00	47.3 AV	68.2	-20.9	1.98 H	175	42.3	5.0
3	*6435.00	101.8 PK			1.98 H	175	56.7	45.1
4	*6435.00	90.4 AV			1.98 H	175	45.3	45.1
5	#12870.00	58.4 PK	88.2	-29.8	1.85 H	251	48.7	9.7
6	#12870.00	44.6 AV	68.2	-23.6	1.85 H	251	34.9	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.2 PK	88.2	-28.0	1.28 V	63	55.2	5.0
2	5925.00	46.9 AV	68.2	-21.3	1.28 V	63	41.9	5.0
3	*6435.00	98.7 PK			1.28 V	63	53.6	45.1
4	*6435.00	86.6 AV			1.28 V	63	41.5	45.1
5	#12870.00	58.1 PK	88.2	-30.1	2.41 V	193	48.4	9.7
6	#12870.00	44.1 AV	68.2	-24.1	2.41 V	193	34.4	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 105 : 6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.3 PK	88.2	-27.9	2.05 H	175	55.3	5.0
2	5925.00	47.5 AV	68.2	-20.7	2.05 H	175	42.5	5.0
3	*6475.00	102.1 PK			2.05 H	175	56.8	45.3
4	*6475.00	90.7 AV			2.05 H	175	45.4	45.3
5	#12950.00	58.0 PK	88.2	-30.2	1.97 H	246	48.5	9.5
6	#12950.00	44.0 AV	68.2	-24.2	1.97 H	246	34.5	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.9 PK	88.2	-28.3	1.23 V	55	54.9	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.23 V	55	42.1	5.0
3	*6475.00	97.3 PK			1.23 V	55	52.0	45.3
4	*6475.00	86.8 AV			1.23 V	55	41.5	45.3
5	#12950.00	57.4 PK	88.2	-30.8	2.48 V	182	47.9	9.5
6	#12950.00	43.6 AV	68.2	-24.6	2.48 V	182	34.1	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 113 : 6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.3 PK	88.2	-27.9	2.21 H	177	55.3	5.0
2	5925.00	47.5 AV	68.2	-20.7	2.21 H	177	42.5	5.0
3	*6515.00	103.0 PK			2.21 H	177	57.7	45.3
4	*6515.00	90.9 AV			2.21 H	177	45.6	45.3
5	#13030.00	58.1 PK	88.2	-30.1	1.93 H	254	48.8	9.3
6	#13030.00	44.2 AV	68.2	-24.0	1.93 H	254	34.9	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.9 PK	88.2	-28.3	1.25 V	52	54.9	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.25 V	52	42.1	5.0
3	*6515.00	99.2 PK			1.25 V	52	53.9	45.3
4	*6515.00	87.6 AV			1.25 V	52	42.3	45.3
5	#13030.00	57.4 PK	88.2	-30.8	2.43 V	190	48.1	9.3
6	#13030.00	43.5 AV	68.2	-24.7	2.43 V	190	34.2	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 97 : 6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.6 PK	88.2	-27.6	2.08 H	174	55.6	5.0
2	5925.00	47.6 AV	68.2	-20.6	2.08 H	174	42.6	5.0
3	*6435.00	102.3 PK			2.08 H	174	57.2	45.1
4	*6435.00	90.4 AV			2.08 H	174	45.3	45.1
5	#12870.00	58.3 PK	88.2	-29.9	1.98 H	260	48.6	9.7
6	#12870.00	44.6 AV	68.2	-23.6	1.98 H	260	34.9	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.9 PK	88.2	-28.3	1.36 V	63	54.9	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.36 V	63	42.1	5.0
3	*6435.00	98.1 PK			1.36 V	63	53.0	45.1
4	*6435.00	86.9 AV			1.36 V	63	41.8	45.1
5	#12870.00	58.2 PK	88.2	-30.0	2.43 V	181	48.5	9.7
6	#12870.00	44.2 AV	68.2	-24.0	2.43 V	181	34.5	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 105 : 6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.5 PK	88.2	-27.7	1.00 H	133	55.5	5.0
2	5925.00	47.6 AV	68.2	-20.6	1.00 H	133	42.6	5.0
3	*6475.00	102.8 PK			1.00 H	133	57.5	45.3
4	*6475.00	90.7 AV			1.00 H	133	45.4	45.3
5	#12950.00	58.1 PK	88.2	-30.1	1.99 H	248	48.6	9.5
6	#12950.00	44.3 AV	68.2	-23.9	1.99 H	248	34.8	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.2 PK	88.2	-28.0	1.22 V	53	55.2	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.22 V	53	42.1	5.0
3	*6475.00	98.4 PK			1.22 V	53	53.1	45.3
4	*6475.00	86.8 AV			1.22 V	53	41.5	45.3
5	#12950.00	57.8 PK	88.2	-30.4	2.48 V	189	48.3	9.5
6	#12950.00	44.0 AV	68.2	-24.2	2.48 V	189	34.5	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 113 : 6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.3 PK	88.2	-27.9	2.10 H	178	55.3	5.0
2	5925.00	47.6 AV	68.2	-20.6	2.10 H	178	42.6	5.0
3	*6515.00	102.9 PK			2.10 H	178	57.6	45.3
4	*6515.00	90.9 AV			2.10 H	178	45.6	45.3
5	#13030.00	57.9 PK	88.2	-30.3	1.93 H	257	48.6	9.3
6	#13030.00	44.1 AV	68.2	-24.1	1.93 H	257	34.8	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	59.8 PK	88.2	-28.4	1.31 V	67	54.8	5.0
2	5925.00	47.1 AV	68.2	-21.1	1.31 V	67	42.1	5.0
3	*6515.00	99.0 PK			1.31 V	67	53.7	45.3
4	*6515.00	87.3 AV			1.31 V	67	42.0	45.3
5	#13030.00	57.8 PK	88.2	-30.4	2.43 V	187	48.5	9.3
6	#13030.00	43.8 AV	68.2	-24.4	2.43 V	187	34.5	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 97 : 6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6435.00	108.6 PK			1.04 H	139	63.5	45.1
2	*6435.00	98.2 AV			1.04 H	139	53.1	45.1
3	#12870.00	57.9 PK	88.2	-30.3	1.63 H	291	48.2	9.7
4	#12870.00	48.3 AV	68.2	-19.9	1.63 H	291	38.6	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6435.00	104.3 PK			1.24 V	352	59.2	45.1
2	*6435.00	93.9 AV			1.24 V	352	48.8	45.1
3	#12870.00	57.4 PK	88.2	-30.8	2.41 V	154	47.7	9.7
4	#12870.00	48.0 AV	68.2	-20.2	2.41 V	154	38.3	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 105 : 6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	108.1 PK			1.03 H	126	62.8	45.3
2	*6475.00	97.8 AV			1.03 H	126	52.5	45.3
3	#12950.00	57.9 PK	88.2	-30.3	1.70 H	302	48.4	9.5
4	#12950.00	48.2 AV	68.2	-20.0	1.70 H	302	38.7	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	103.7 PK			1.24 V	340	58.4	45.3
2	*6475.00	93.5 AV			1.24 V	340	48.2	45.3
3	#12950.00	57.2 PK	88.2	-31.0	2.37 V	155	47.7	9.5
4	#12950.00	47.9 AV	68.2	-20.3	2.37 V	155	38.4	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 113 : 6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6515.00	108.4 PK			1.07 H	138	63.1	45.3
2	*6515.00	98.1 AV			1.07 H	138	52.8	45.3
3	#13030.00	57.6 PK	88.2	-30.6	1.64 H	299	48.3	9.3
4	#13030.00	48.0 AV	68.2	-20.2	1.64 H	299	38.7	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6515.00	104.0 PK			1.23 V	349	58.7	45.3
2	*6515.00	93.7 AV			1.23 V	349	48.4	45.3
3	#13030.00	56.9 PK	88.2	-31.3	2.36 V	159	47.6	9.3
4	#13030.00	47.6 AV	68.2	-20.6	2.36 V	159	38.3	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 99 : 6445 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6445.00	106.5 PK			1.02 H	143	61.4	45.1
2	*6445.00	96.2 AV			1.02 H	143	51.1	45.1
3	#12890.00	57.9 PK	88.2	-30.3	1.79 H	295	48.2	9.7
4	#12890.00	48.3 AV	68.2	-19.9	1.79 H	295	38.6	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6445.00	102.0 PK			1.17 V	336	56.9	45.1
2	*6445.00	91.7 AV			1.17 V	336	46.6	45.1
3	#12890.00	57.2 PK	88.2	-31.0	2.53 V	162	47.5	9.7
4	#12890.00	48.0 AV	68.2	-20.2	2.53 V	162	38.3	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 107 : 6485 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6485.00	106.2 PK			1.03 H	141	60.9	45.3
2	*6485.00	96.0 AV			1.03 H	141	50.7	45.3
3	#12970.00	57.4 PK	88.2	-30.8	1.82 H	301	48.0	9.4
4	#12970.00	47.8 AV	68.2	-20.4	1.82 H	301	38.4	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6485.00	101.9 PK			1.31 V	352	56.6	45.3
2	*6485.00	91.6 AV			1.31 V	352	46.3	45.3
3	#12970.00	56.8 PK	88.2	-31.4	2.56 V	143	47.4	9.4
4	#12970.00	47.5 AV	68.2	-20.7	2.56 V	143	38.1	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 115 : 6525 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6525.00	106.4 PK			1.08 H	126	61.1	45.3
2	*6525.00	96.2 AV			1.08 H	126	50.9	45.3
3	#13050.00	48.3 PK	88.2	-39.9	1.87 H	306	39.0	9.3
4	#13050.00	38.7 AV	68.2	-29.5	1.87 H	306	29.4	9.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6525.00	102.1 PK			1.33 V	351	56.8	45.3
2	*6525.00	91.9 AV			1.33 V	351	46.6	45.3
3	#13050.00	56.7 PK	88.2	-31.5	2.58 V	157	47.4	9.3
4	#13050.00	47.4 AV	68.2	-20.8	2.58 V	157	38.1	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 103 : 6465 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6465.00	103.5 PK			1.05 H	143	58.3	45.2
2	*6465.00	93.2 AV			1.05 H	143	48.0	45.2
3	#12930.00	57.5 PK	88.2	-30.7	1.69 H	287	47.9	9.6
4	#12930.00	48.0 AV	68.2	-20.2	1.69 H	287	38.4	9.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6465.00	99.0 PK			1.18 V	339	53.8	45.2
2	*6465.00	88.8 AV			1.18 V	339	43.6	45.2
3	#12930.00	56.9 PK	88.2	-31.3	2.36 V	158	47.3	9.6
4	#12930.00	47.7 AV	68.2	-20.5	2.36 V	158	38.1	9.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE160) (Full RU)	Channel	CH 111 : 6505 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6505.00	99.6 PK			1.01 H	136	54.3	45.3
2	*6505.00	89.3 AV			1.01 H	136	44.0	45.3
3	#13010.00	56.9 PK	88.2	-31.3	1.79 H	294	47.6	9.3
4	#13010.00	47.6 AV	68.2	-20.6	1.79 H	294	38.3	9.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6505.00	95.4 PK			1.17 V	336	50.1	45.3
2	*6505.00	85.1 AV			1.17 V	336	39.8	45.3
3	#13010.00	56.6 PK	88.2	-31.6	2.34 V	155	47.3	9.3
4	#13010.00	47.0 AV	68.2	-21.2	2.34 V	155	37.7	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 117 : 6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.7 PK	88.2	-27.5	2.70 H	181	55.7	5.0
2	5925.00	47.2 AV	68.2	-21.0	2.70 H	181	42.2	5.0
3	*6535.00	102.9 PK			2.70 H	181	57.6	45.3
4	*6535.00	90.8 AV			2.70 H	181	45.5	45.3
5	#13070.00	59.3 PK	88.2	-28.9	1.86 H	265	49.9	9.4
6	#13070.00	45.2 AV	68.2	-23.0	1.86 H	265	35.8	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.5 PK	88.2	-27.7	1.20 V	60	55.5	5.0
2	5925.00	47.0 AV	68.2	-21.2	1.20 V	60	42.0	5.0
3	*6535.00	99.0 PK			1.20 V	60	53.7	45.3
4	*6535.00	86.9 AV			1.20 V	60	41.6	45.3
5	#13070.00	58.9 PK	88.2	-29.3	2.58 V	192	49.5	9.4
6	#13070.00	44.9 AV	68.2	-23.3	2.58 V	192	35.5	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 149 : 6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	103.5 PK			1.01 H	149	58.1	45.4
2	*6695.00	90.3 AV			1.01 H	149	44.9	45.4
3	7125.00	63.0 PK	88.2	-25.2	1.01 H	149	55.1	7.9
4	7125.00	50.1 AV	68.2	-18.1	1.01 H	149	42.2	7.9
5	13390.00	60.0 PK	74.0	-14.0	1.85 H	252	49.9	10.1
6	13390.00	46.0 AV	54.0	-8.0	1.85 H	252	35.9	10.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	99.2 PK			1.18 V	63	53.8	45.4
2	*6695.00	86.6 AV			1.18 V	63	41.2	45.4
3	7125.00	62.9 PK	88.2	-25.3	1.18 V	63	55.0	7.9
4	7125.00	50.0 AV	68.2	-18.2	1.18 V	63	42.1	7.9
5	13390.00	59.5 PK	74.0	-14.5	2.58 V	191	49.4	10.1
6	13390.00	45.8 AV	54.0	-8.2	2.58 V	191	35.7	10.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	100.6 PK			1.77 H	198	55.1	45.5
2	*6855.00	87.5 AV			1.77 H	198	42.0	45.5
3	7125.00	63.5 PK	88.2	-24.7	1.77 H	198	55.6	7.9
4	7125.00	50.0 AV	68.2	-18.2	1.77 H	198	42.1	7.9
5	#13710.00	58.9 PK	88.2	-29.3	1.92 H	260	49.5	9.4
6	#13710.00	44.9 AV	68.2	-23.3	1.92 H	260	35.5	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	96.7 PK			1.16 V	59	51.2	45.5
2	*6855.00	84.0 AV			1.16 V	59	38.5	45.5
3	7125.00	63.3 PK	88.2	-24.9	1.16 V	59	55.4	7.9
4	7125.00	49.9 AV	68.2	-18.3	1.16 V	59	42.0	7.9
5	#13710.00	58.7 PK	88.2	-29.5	2.52 V	190	49.3	9.4
6	#13710.00	44.7 AV	68.2	-23.5	2.52 V	190	35.3	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 117 : 6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.6 PK	88.2	-27.6	2.69 H	179	55.6	5.0
2	5925.00	47.1 AV	68.2	-21.1	2.69 H	179	42.1	5.0
3	*6535.00	101.9 PK			2.69 H	179	56.6	45.3
4	*6535.00	90.5 AV			2.69 H	179	45.2	45.3
5	#13070.00	59.2 PK	88.2	-29.0	1.88 H	261	49.8	9.4
6	#13070.00	45.1 AV	68.2	-23.1	1.88 H	261	35.7	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.5 PK	88.2	-27.7	1.15 V	59	55.5	5.0
2	5925.00	47.0 AV	68.2	-21.2	1.15 V	59	42.0	5.0
3	*6535.00	99.0 PK			1.15 V	59	53.7	45.3
4	*6535.00	86.9 AV			1.15 V	59	41.6	45.3
5	#13070.00	59.0 PK	88.2	-29.2	2.52 V	188	49.6	9.4
6	#13070.00	44.9 AV	68.2	-23.3	2.52 V	188	35.5	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 149 : 6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	101.4 PK			1.01 H	148	56.0	45.4
2	*6695.00	89.8 AV			1.01 H	148	44.4	45.4
3	7125.00	63.1 PK	88.2	-25.1	1.01 H	148	55.2	7.9
4	7125.00	50.1 AV	68.2	-18.1	1.01 H	148	42.2	7.9
5	13390.00	59.9 PK	74.0	-14.1	1.95 H	250	49.8	10.1
6	13390.00	45.8 AV	54.0	-8.2	1.95 H	250	35.7	10.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	97.9 PK			1.18 V	59	52.5	45.4
2	*6695.00	86.3 AV			1.18 V	59	40.9	45.4
3	7125.00	62.9 PK	88.2	-25.3	1.18 V	59	55.0	7.9
4	7125.00	49.9 AV	68.2	-18.3	1.18 V	59	42.0	7.9
5	13390.00	59.7 PK	74.0	-14.3	2.47 V	198	49.6	10.1
6	13390.00	45.7 AV	54.0	-8.3	2.47 V	198	35.6	10.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	99.2 PK			1.78 H	200	53.7	45.5
2	*6855.00	87.7 AV			1.78 H	200	42.2	45.5
3	7125.00	63.1 PK	88.2	-25.1	1.78 H	200	55.2	7.9
4	7125.00	50.0 AV	68.2	-18.2	1.78 H	200	42.1	7.9
5	#13710.00	59.0 PK	88.2	-29.2	1.96 H	252	49.6	9.4
6	#13710.00	45.0 AV	68.2	-23.2	1.96 H	252	35.6	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	95.9 PK			1.17 V	55	50.4	45.5
2	*6855.00	84.1 AV			1.17 V	55	38.6	45.5
3	7125.00	61.4 PK	88.2	-26.8	1.17 V	55	53.5	7.9
4	7125.00	49.9 AV	68.2	-18.3	1.17 V	55	42.0	7.9
5	#13710.00	58.9 PK	88.2	-29.3	2.43 V	197	49.5	9.4
6	#13710.00	44.8 AV	68.2	-23.4	2.43 V	197	35.4	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 117 : 6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.6 PK	88.2	-27.6	2.71 H	180	55.6	5.0
2	5925.00	47.2 AV	68.2	-21.0	2.71 H	180	42.2	5.0
3	*6535.00	102.2 PK			2.71 H	180	56.9	45.3
4	*6535.00	90.6 AV			2.71 H	180	45.3	45.3
5	#13070.00	59.3 PK	88.2	-28.9	1.95 H	263	49.9	9.4
6	#13070.00	45.2 AV	68.2	-23.0	1.95 H	263	35.8	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5925.00	60.4 PK	88.2	-27.8	1.25 V	57	55.4	5.0
2	5925.00	47.0 AV	68.2	-21.2	1.25 V	57	42.0	5.0
3	*6535.00	98.8 PK			1.25 V	57	53.5	45.3
4	*6535.00	86.9 AV			1.25 V	57	41.6	45.3
5	#13070.00	59.0 PK	88.2	-29.2	2.49 V	197	49.6	9.4
6	#13070.00	45.0 AV	68.2	-23.2	2.49 V	197	35.6	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 149 : 6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	100.7 PK			1.00 H	147	55.3	45.4
2	*6695.00	89.1 AV			1.00 H	147	43.7	45.4
3	7125.00	63.2 PK	88.2	-25.0	1.00 H	147	55.3	7.9
4	7125.00	50.2 AV	68.2	-18.0	1.00 H	147	42.3	7.9
5	13390.00	59.8 PK	74.0	-14.2	1.89 H	255	49.7	10.1
6	13390.00	45.7 AV	54.0	-8.3	1.89 H	255	35.6	10.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	97.4 PK			1.22 V	57	52.0	45.4
2	*6695.00	85.6 AV			1.22 V	57	40.2	45.4
3	7125.00	63.1 PK	88.2	-25.1	1.22 V	57	55.2	7.9
4	7125.00	50.0 AV	68.2	-18.2	1.22 V	57	42.1	7.9
5	13390.00	59.6 PK	74.0	-14.4	2.46 V	187	49.5	10.1
6	13390.00	45.6 AV	54.0	-8.4	2.46 V	187	35.5	10.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20) (RU106)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	98.6 PK			1.80 H	199	53.1	45.5
2	*6855.00	86.3 AV			1.80 H	199	40.8	45.5
3	7125.00	63.2 PK	88.2	-25.0	1.80 H	199	55.3	7.9
4	7125.00	50.1 AV	68.2	-18.1	1.80 H	199	42.2	7.9
5	#13710.00	59.1 PK	88.2	-29.1	1.91 H	258	49.7	9.4
6	#13710.00	45.1 AV	68.2	-23.1	1.91 H	258	35.7	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	94.8 PK			1.16 V	59	49.3	45.5
2	*6855.00	82.5 AV			1.16 V	59	37.0	45.5
3	7125.00	63.0 PK	88.2	-25.2	1.16 V	59	55.1	7.9
4	7125.00	49.9 AV	68.2	-18.3	1.16 V	59	42.0	7.9
5	#13710.00	58.8 PK	88.2	-29.4	2.46 V	187	49.4	9.4
6	#13710.00	44.8 AV	68.2	-23.4	2.46 V	187	35.4	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 117 : 6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6535.00	108.4 PK			1.07 H	138	63.1	45.3
2	*6535.00	98.1 AV			1.07 H	138	52.8	45.3
3	#13070.00	57.7 PK	88.2	-30.5	1.64 H	299	48.3	9.4
4	#13070.00	48.1 AV	68.2	-20.1	1.64 H	299	38.7	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6535.00	104.0 PK			1.23 V	349	58.7	45.3
2	*6535.00	93.7 AV			1.23 V	349	48.4	45.3
3	#13070.00	57.0 PK	88.2	-31.2	2.33 V	159	47.6	9.4
4	#13070.00	47.7 AV	68.2	-20.5	2.33 V	159	38.3	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 149 : 6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	108.8 PK			1.07 H	133	63.4	45.4
2	*6695.00	98.3 AV			1.07 H	133	52.9	45.4
3	13390.00	58.6 PK	74.0	-15.4	1.66 H	301	48.5	10.1
4	13390.00	48.8 AV	54.0	-5.2	1.66 H	301	38.7	10.1

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6695.00	104.3 PK			1.27 V	351	58.9	45.4
2	*6695.00	93.8 AV			1.27 V	351	48.4	45.4
3	13390.00	57.9 PK	74.0	-16.1	2.33 V	158	47.8	10.1
4	13390.00	48.5 AV	54.0	-5.5	2.33 V	158	38.4	10.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	108.4 PK			1.00 H	142	62.9	45.5
2	*6855.00	98.2 AV			1.00 H	142	52.7	45.5
3	#13710.00	57.5 PK	88.2	-30.7	1.66 H	301	48.1	9.4
4	#13710.00	48.0 AV	68.2	-20.2	1.66 H	301	38.6	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	103.9 PK			1.25 V	344	58.4	45.5
2	*6855.00	93.9 AV			1.25 V	344	48.4	45.5
3	#13710.00	56.9 PK	88.2	-31.3	2.35 V	158	47.5	9.4
4	#13710.00	47.5 AV	68.2	-20.7	2.35 V	158	38.1	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 123 : 6565 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6565.00	107.8 PK			1.06 H	143	62.6	45.2
2	*6565.00	97.7 AV			1.06 H	143	52.5	45.2
3	#13130.00	57.4 PK	88.2	-30.8	1.70 H	360	47.8	9.6
4	#13130.00	47.9 AV	68.2	-20.3	1.70 H	360	38.3	9.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6565.00	101.9 PK			1.32 V	350	56.7	45.2
2	*6565.00	91.7 AV			1.32 V	350	46.5	45.2
3	#13130.00	56.8 PK	88.2	-31.4	2.55 V	360	47.2	9.6
4	#13130.00	47.6 AV	68.2	-20.6	2.55 V	360	38.0	9.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 155 : 6725 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6725.00	107.3 PK			1.05 H	151	61.9	45.4
2	*6725.00	97.1 AV			1.05 H	151	51.7	45.4
3	#13450.00	57.8 PK	88.2	-30.4	1.66 H	290	48.1	9.7
4	#13450.00	48.3 AV	68.2	-19.9	1.66 H	290	38.6	9.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6725.00	102.3 PK			1.33 V	357	56.9	45.4
2	*6725.00	92.2 AV			1.33 V	357	46.8	45.4
3	#13450.00	57.3 PK	88.2	-30.9	2.52 V	151	47.6	9.7
4	#13450.00	47.9 AV	68.2	-20.3	2.52 V	151	38.2	9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 179 : 6845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6845.00	107.0 PK			1.01 H	141	61.5	45.5
2	*6845.00	97.6 AV			1.01 H	141	52.1	45.5
3	#13690.00	56.9 PK	88.2	-31.3	1.67 H	280	47.5	9.4
4	#13690.00	47.4 AV	68.2	-20.8	1.67 H	280	38.0	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6845.00	102.1 PK			1.29 V	348	56.6	45.5
2	*6845.00	92.0 AV			1.29 V	348	46.5	45.5
3	#13690.00	56.4 PK	88.2	-31.8	2.57 V	160	47.0	9.4
4	#13690.00	47.2 AV	68.2	-21.0	2.57 V	160	37.8	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 119 : 6545 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6545.00	103.8 PK			1.06 H	145	58.5	45.3
2	*6545.00	93.5 AV			1.06 H	145	48.2	45.3
3	#13090.00	57.4 PK	88.2	-30.8	1.66 H	285	47.9	9.5
4	#13090.00	47.9 AV	68.2	-20.3	1.66 H	285	38.4	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6545.00	98.8 PK			1.20 V	338	53.5	45.3
2	*6545.00	88.8 AV			1.20 V	338	43.5	45.3
3	#13090.00	56.5 PK	88.2	-31.7	2.37 V	153	47.0	9.5
4	#13090.00	47.5 AV	68.2	-20.7	2.37 V	153	38.0	9.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 151 : 6705 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6705.00	103.9 PK			1.03 H	140	58.5	45.4
2	*6705.00	93.6 AV			1.03 H	140	48.2	45.4
3	#13410.00	58.0 PK	88.2	-30.2	1.69 H	288	48.0	10.0
4	#13410.00	48.5 AV	68.2	-19.7	1.69 H	288	38.5	10.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6705.00	99.3 PK			1.17 V	330	53.9	45.4
2	*6705.00	89.3 AV			1.17 V	330	43.9	45.4
3	#13410.00	57.4 PK	88.2	-30.8	2.33 V	156	47.4	10.0
4	#13410.00	48.3 AV	68.2	-19.9	2.33 V	156	38.3	10.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE160) (Full RU)	Channel	CH 143 : 6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6665.00	99.6 PK			1.02 H	135	54.2	45.4
2	*6665.00	89.4 AV			1.02 H	135	44.0	45.4
3	13330.00	57.3 PK	74.0	-16.7	1.80 H	293	47.5	9.8
4	13330.00	48.1 AV	54.0	-5.9	1.80 H	293	38.3	9.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6665.00	95.7 PK			1.17 V	335	50.3	45.4
2	*6665.00	85.6 AV			1.17 V	335	40.2	45.4
3	13330.00	57.3 PK	74.0	-16.7	2.36 V	157	47.5	9.8
4	13330.00	47.6 AV	54.0	-6.4	2.36 V	157	37.8	9.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.



RF Mode	802.11ax (HE160) (Full RU)	Channel	CH 175 : 6825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6825.00	100.1 PK			1.08 H	140	54.8	45.3
2	*6825.00	89.6 AV			1.08 H	140	44.3	45.3
3	#13650.00	57.2 PK	88.2	-31.0	1.80 H	299	47.8	9.4
4	#13650.00	47.9 AV	68.2	-20.3	1.80 H	299	38.5	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6825.00	95.3 PK			1.19 V	334	50.0	45.3
2	*6825.00	85.2 AV			1.19 V	334	39.9	45.3
3	#13650.00	57.4 PK	88.2	-30.8	2.37 V	160	48.0	9.4
4	#13650.00	47.2 AV	68.2	-21.0	2.37 V	160	37.8	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 185 : 6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	100.0 PK			1.87 H	200	54.5	45.5
2	*6875.00	87.0 AV			1.87 H	200	41.5	45.5
3	7125.00	63.4 PK	88.2	-24.8	1.87 H	200	55.5	7.9
4	7125.00	50.2 AV	68.2	-18.0	1.87 H	200	42.3	7.9
5	#13750.00	59.1 PK	88.2	-29.1	1.96 H	252	49.8	9.3
6	#13750.00	45.1 AV	68.2	-23.1	1.96 H	252	35.8	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	96.4 PK			1.25 V	63	50.9	45.5
2	*6875.00	83.2 AV			1.25 V	63	37.7	45.5
3	7125.00	63.2 PK	88.2	-25.0	1.25 V	63	55.3	7.9
4	7125.00	50.1 AV	68.2	-18.1	1.25 V	63	42.2	7.9
5	#13750.00	58.9 PK	88.2	-29.3	2.42 V	198	49.6	9.3
6	#13750.00	44.8 AV	68.2	-23.4	2.42 V	198	35.5	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 209 : 6995 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	97.9 PK			2.16 H	230	52.3	45.6
2	*6995.00	85.3 AV			2.16 H	230	39.7	45.6
3	7125.00	63.5 PK	88.2	-24.7	2.16 H	230	55.6	7.9
4	7125.00	50.0 AV	68.2	-18.2	2.16 H	230	42.1	7.9
5	#13990.00	59.7 PK	88.2	-28.5	1.92 H	259	49.8	9.9
6	#13990.00	45.7 AV	68.2	-22.5	1.92 H	259	35.8	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	94.5 PK			1.25 V	64	48.9	45.6
2	*6995.00	81.6 AV			1.25 V	64	36.0	45.6
3	7125.00	63.3 PK	88.2	-24.9	1.25 V	64	55.4	7.9
4	7125.00	49.9 AV	68.2	-18.3	1.25 V	64	42.0	7.9
5	#13990.00	59.5 PK	88.2	-28.7	2.42 V	187	49.6	9.9
6	#13990.00	45.4 AV	68.2	-22.8	2.42 V	187	35.5	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU26)	Channel	CH 233 : 7115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	96.2 PK			1.16 H	156	50.4	45.8
2	*7115.00	82.9 AV			1.16 H	156	37.1	45.8
3	#7125.00	83.4 PK	88.2	-4.8	1.16 H	156	75.5	7.9
4	#7125.00	67.4 AV	68.2	-0.8	1.16 H	156	59.5	7.9
5	#14230.00	59.7 PK	88.2	-28.5	1.97 H	262	49.8	9.9
6	#14230.00	45.6 AV	68.2	-22.6	1.97 H	262	35.7	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	92.3 PK			1.27 V	59	46.5	45.8
2	*7115.00	79.1 AV			1.27 V	59	33.3	45.8
3	#7125.00	78.8 PK	88.2	-9.4	1.27 V	59	70.9	7.9
4	#7125.00	64.1 AV	68.2	-4.1	1.27 V	59	56.2	7.9
5	#14230.00	59.4 PK	88.2	-28.8	2.48 V	195	49.5	9.9
6	#14230.00	45.4 AV	68.2	-22.8	2.48 V	195	35.5	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 185 : 6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	98.8 PK			1.90 H	198	53.3	45.5
2	*6875.00	87.1 AV			1.90 H	198	41.6	45.5
3	7125.00	63.3 PK	88.2	-24.9	1.90 H	198	55.4	7.9
4	7125.00	50.1 AV	68.2	-18.1	1.90 H	198	42.2	7.9
5	#13750.00	59.2 PK	88.2	-29.0	1.91 H	257	49.9	9.3
6	#13750.00	45.0 AV	68.2	-23.2	1.91 H	257	35.7	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	94.8 PK			1.22 V	63	49.3	45.5
2	*6875.00	83.3 AV			1.22 V	63	37.8	45.5
3	7125.00	63.2 PK	88.2	-25.0	1.22 V	63	55.3	7.9
4	7125.00	49.9 AV	68.2	-18.3	1.22 V	63	42.0	7.9
5	#13750.00	58.9 PK	88.2	-29.3	2.49 V	190	49.6	9.3
6	#13750.00	44.7 AV	68.2	-23.5	2.49 V	190	35.4	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 209 : 6995 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	98.6 PK			1.64 H	197	53.0	45.6
2	*6995.00	86.7 AV			1.64 H	197	41.1	45.6
3	7125.00	63.6 PK	88.2	-24.6	1.64 H	197	55.7	7.9
4	7125.00	50.1 AV	68.2	-18.1	1.64 H	197	42.2	7.9
5	#13990.00	59.8 PK	88.2	-28.4	1.90 H	260	49.9	9.9
6	#13990.00	45.8 AV	68.2	-22.4	1.90 H	260	35.9	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	94.8 PK			1.30 V	60	49.2	45.6
2	*6995.00	83.0 AV			1.30 V	60	37.4	45.6
3	7125.00	63.4 PK	88.2	-24.8	1.30 V	60	55.5	7.9
4	7125.00	50.0 AV	68.2	-18.2	1.30 V	60	42.1	7.9
5	#13990.00	59.4 PK	88.2	-28.8	2.47 V	186	49.5	9.9
6	#13990.00	45.4 AV	68.2	-22.8	2.47 V	186	35.5	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU52)	Channel	CH 233 : 7115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	93.9 PK			1.19 H	202	48.1	45.8
2	*7115.00	82.1 AV			1.19 H	202	36.3	45.8
3	#7125.00	81.0 PK	88.2	-7.2	1.19 H	202	73.1	7.9
4	#7125.00	67.7 AV	68.2	-0.5	1.19 H	202	59.8	7.9
5	#14230.00	59.5 PK	88.2	-28.7	1.91 H	256	49.6	9.9
6	#14230.00	45.4 AV	68.2	-22.8	1.91 H	256	35.5	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	90.1 PK			1.29 V	60	44.3	45.8
2	*7115.00	78.4 AV			1.29 V	60	32.6	45.8
3	#7125.00	78.7 PK	88.2	-9.5	1.29 V	60	70.8	7.9
4	#7125.00	63.3 AV	68.2	-4.9	1.29 V	60	55.4	7.9
5	#14230.00	59.3 PK	88.2	-28.9	2.42 V	186	49.4	9.9
6	#14230.00	45.3 AV	68.2	-22.9	2.42 V	186	35.4	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 185 : 6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	97.9 PK			2.14 H	202	52.4	45.5
2	*6875.00	85.9 AV			2.14 H	202	40.4	45.5
3	7125.00	63.2 PK	88.2	-25.0	2.14 H	202	55.3	7.9
4	7125.00	50.1 AV	68.2	-18.1	2.14 H	202	42.2	7.9
5	#13750.00	59.0 PK	88.2	-29.2	1.86 H	265	49.7	9.3
6	#13750.00	44.9 AV	68.2	-23.3	1.86 H	265	35.6	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	94.2 PK			1.11 V	59	48.7	45.5
2	*6875.00	82.3 AV			1.11 V	59	36.8	45.5
3	7125.00	63.1 PK	88.2	-25.1	1.11 V	59	55.2	7.9
4	7125.00	49.9 AV	68.2	-18.3	1.11 V	59	42.0	7.9
5	#13750.00	58.9 PK	88.2	-29.3	2.48 V	197	49.6	9.3
6	#13750.00	44.6 AV	68.2	-23.6	2.48 V	197	35.3	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 209 : 6995 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	97.4 PK			1.00 H	198	51.8	45.6
2	*6995.00	85.1 AV			1.00 H	198	39.5	45.6
3	7125.00	63.5 PK	88.2	-24.7	1.00 H	198	55.6	7.9
4	7125.00	50.1 AV	68.2	-18.1	1.00 H	198	42.2	7.9
5	#13990.00	59.6 PK	88.2	-28.6	1.82 H	255	49.7	9.9
6	#13990.00	45.6 AV	68.2	-22.6	1.82 H	255	35.7	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	93.2 PK			1.19 V	59	47.6	45.6
2	*6995.00	81.5 AV			1.19 V	59	35.9	45.6
3	7125.00	63.3 PK	88.2	-24.9	1.19 V	59	55.4	7.9
4	7125.00	50.0 AV	68.2	-18.2	1.19 V	59	42.1	7.9
5	#13990.00	59.4 PK	88.2	-28.8	2.58 V	191	49.5	9.9
6	#13990.00	45.4 AV	68.2	-22.8	2.58 V	191	35.5	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (RU106)	Channel	CH 233 : 7115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	92.5 PK			1.19 H	201	46.7	45.8
2	*7115.00	80.1 AV			1.19 H	201	34.3	45.8
3	#7125.00	81.8 PK	88.2	-6.4	1.19 H	201	73.9	7.9
4	#7125.00	67.3 AV	68.2	-0.9	1.19 H	201	59.4	7.9
5	#14230.00	59.4 PK	88.2	-28.8	1.89 H	262	49.5	9.9
6	#14230.00	45.4 AV	68.2	-22.8	1.89 H	262	35.5	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	88.8 PK			1.32 V	54	43.0	45.8
2	*7115.00	76.5 AV			1.32 V	54	30.7	45.8
3	#7125.00	75.2 PK	88.2	-13.0	1.32 V	54	67.3	7.9
4	#7125.00	63.6 AV	68.2	-4.6	1.32 V	54	55.7	7.9
5	#14230.00	59.2 PK	88.2	-29.0	2.53 V	197	49.3	9.9
6	#14230.00	45.3 AV	68.2	-22.9	2.53 V	197	35.4	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 185 : 6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	108.7 PK			1.08 H	133	63.2	45.5
2	*6875.00	98.5 AV			1.08 H	133	53.0	45.5
3	#13750.00	57.8 PK	88.2	-30.4	1.66 H	300	48.5	9.3
4	#13750.00	48.1 AV	68.2	-20.1	1.66 H	300	38.8	9.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	104.1 PK			1.23 V	355	58.6	45.5
2	*6875.00	93.9 AV			1.23 V	355	48.4	45.5
3	#13750.00	57.2 PK	88.2	-31.0	2.33 V	163	47.9	9.3
4	#13750.00	47.9 AV	68.2	-20.3	2.33 V	163	38.6	9.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 209 : 6995 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	109.1 PK			1.02 H	137	63.5	45.6
2	*6995.00	98.8 AV			1.02 H	137	53.2	45.6
3	#13990.00	58.3 PK	88.2	-29.9	1.65 H	298	48.4	9.9
4	#13990.00	48.3 AV	68.2	-19.9	1.65 H	298	38.4	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	104.2 PK			1.30 V	341	58.6	45.6
2	*6995.00	93.9 AV			1.30 V	341	48.3	45.6
3	#13990.00	57.7 PK	88.2	-30.5	2.39 V	157	47.8	9.9
4	#13990.00	48.3 AV	68.2	-19.9	2.39 V	157	38.4	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE20) (Full RU)	Channel	CH 233 : 7115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	97.8 PK			1.00 H	195	52.0	45.8
2	*7115.00	88.3 AV			1.00 H	195	42.5	45.8
3	#7125.00	80.2 PK	88.2	-8.0	1.00 H	195	72.3	7.9
4	#7125.00	67.2 AV	68.2	-1.0	1.00 H	195	59.3	7.9
5	#14230.00	57.8 PK	88.2	-30.4	1.66 H	297	47.9	9.9
6	#14230.00	48.4 AV	68.2	-19.8	1.66 H	297	38.5	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	92.1 PK			1.12 V	189	46.3	45.8
2	*7115.00	83.1 AV			1.12 V	189	37.3	45.8
3	#7125.00	75.4 PK	88.2	-12.8	1.12 V	189	67.5	7.9
4	#7125.00	66.0 AV	68.2	-2.2	1.12 V	189	58.1	7.9
5	#14230.00	56.9 PK	88.2	-31.3	2.33 V	149	47.0	9.9
6	#14230.00	48.1 AV	68.2	-20.1	2.33 V	149	38.2	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 187 : 6885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6885.00	106.5 PK			1.03 H	156	61.0	45.5
2	*6885.00	96.7 AV			1.03 H	156	51.2	45.5
3	#13770.00	57.4 PK	88.2	-30.8	1.78 H	300	48.0	9.4
4	#13770.00	47.9 AV	68.2	-20.3	1.78 H	300	38.5	9.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6885.00	102.2 PK			1.18 V	307	56.7	45.5
2	*6885.00	92.1 AV			1.18 V	307	46.6	45.5
3	#13770.00	56.9 PK	88.2	-31.3	2.55 V	167	47.5	9.4
4	#13770.00	47.7 AV	68.2	-20.5	2.55 V	167	38.3	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 211 : 7005 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7005.00	107.1 PK			1.03 H	148	61.5	45.6
2	*7005.00	97.2 AV			1.03 H	148	51.6	45.6
3	#14010.00	58.0 PK	88.2	-30.2	1.77 H	293	48.1	9.9
4	#14010.00	48.5 AV	68.2	-19.7	1.77 H	293	38.6	9.9

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7005.00	104.3 PK			1.30 V	344	58.7	45.6
2	*7005.00	94.0 AV			1.30 V	344	48.4	45.6
3	#14010.00	57.2 PK	88.2	-31.0	2.33 V	161	47.3	9.9
4	#14010.00	48.1 AV	68.2	-20.1	2.33 V	161	38.2	9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE40) (Full RU)	Channel	CH 227 : 7085 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7085.00	100.9 PK			1.00 H	194	55.0	45.9
2	*7085.00	93.5 AV			1.00 H	194	47.6	45.9
3	#7125.00	60.6 PK	88.2	-27.6	1.00 H	194	52.7	7.9
4	#7125.00	51.4 AV	68.2	-16.8	1.00 H	194	43.5	7.9
5	#14170.00	57.5 PK	88.2	-30.7	1.66 H	285	47.7	9.8
6	#14170.00	48.2 AV	68.2	-20.0	1.66 H	285	38.4	9.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7085.00	98.8 PK			1.13 V	190	52.9	45.9
2	*7085.00	88.7 AV			1.13 V	190	42.8	45.9
3	#7125.00	59.9 PK	88.2	-28.3	1.13 V	190	52.0	7.9
4	#7125.00	51.1 AV	68.2	-17.1	1.13 V	190	43.2	7.9
5	#14170.00	57.3 PK	88.2	-30.9	2.33 V	159	47.5	9.8
6	#14170.00	47.8 AV	68.2	-20.4	2.33 V	159	38.0	9.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 183 : 6865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6865.00	104.0 PK			1.00 H	193	58.5	45.5
2	*6865.00	93.5 AV			1.00 H	193	48.0	45.5
3	#13730.00	57.6 PK	88.2	-30.6	1.69 H	288	48.2	9.4
4	#13730.00	48.0 AV	68.2	-20.2	1.69 H	288	38.6	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6865.00	99.2 PK			1.17 V	190	53.7	45.5
2	*6865.00	89.2 AV			1.17 V	190	43.7	45.5
3	#13730.00	56.5 PK	88.2	-31.7	2.37 V	155	47.1	9.4
4	#13730.00	47.4 AV	68.2	-20.8	2.37 V	155	38.0	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 199 : 6945 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6945.00	104.1 PK			1.02 H	191	58.5	45.6
2	*6945.00	93.7 AV			1.02 H	191	48.1	45.6
3	#13890.00	57.2 PK	88.2	-31.0	1.66 H	287	47.8	9.4
4	#13890.00	47.7 AV	68.2	-20.5	1.66 H	287	38.3	9.4

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6945.00	99.6 PK			1.27 V	190	54.0	45.6
2	*6945.00	89.4 AV			1.27 V	190	43.8	45.6
3	#13890.00	56.9 PK	88.2	-31.3	2.33 V	151	47.5	9.4
4	#13890.00	47.6 AV	68.2	-20.6	2.33 V	151	38.2	9.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE80) (Full RU)	Channel	CH 215 : 7025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7025.00	102.5 PK			1.00 H	197	56.7	45.8
2	*7025.00	92.6 AV			1.00 H	197	46.8	45.8
3	#7125.00	61.0 PK	88.2	-27.2	1.00 H	197	53.1	7.9
4	#7125.00	51.1 AV	68.2	-17.1	1.00 H	197	43.2	7.9
5	#14050.00	57.7 PK	88.2	-30.5	1.67 H	283	47.9	9.8
6	#14050.00	48.2 AV	68.2	-20.0	1.67 H	283	38.4	9.8

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7025.00	97.0 PK			1.17 V	199	51.2	45.8
2	*7025.00	88.1 AV			1.17 V	199	42.3	45.8
3	#7125.00	59.8 PK	88.2	-28.4	1.17 V	199	51.9	7.9
4	#7125.00	50.9 AV	68.2	-17.3	1.17 V	199	43.0	7.9
5	#14050.00	56.8 PK	88.2	-31.4	2.33 V	160	47.0	9.8
6	#14050.00	47.7 AV	68.2	-20.5	2.33 V	160	37.9	9.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE160) (Full RU)	Channel	CH 207 : 6985 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6985.00	98.2 PK			1.01 H	197	52.6	45.6
2	*6985.00	87.9 AV			1.01 H	197	42.3	45.6
3	#7125.00	61.2 PK	88.2	-27.0	N/A H	N/A	53.3	7.9
4	#7125.00	51.3 AV	68.2	-16.9	N/A H	N/A	43.4	7.9
5	#13970.00	57.1 PK	88.2	-31.1	1.80 H	299	47.4	9.7
6	#13970.00	47.7 AV	68.2	-20.5	1.80 H	299	38.0	9.7

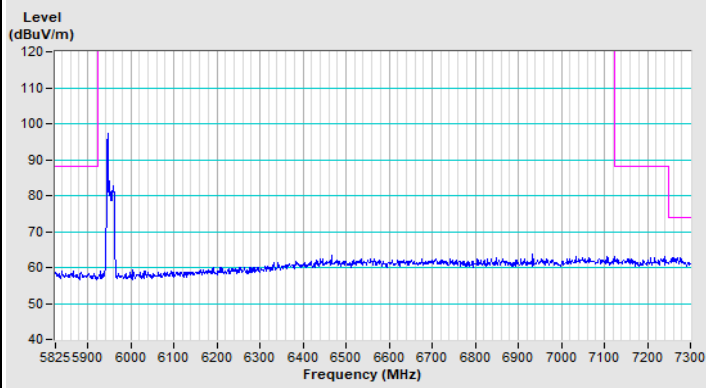
Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6985.00	93.0 PK			1.18 V	189	47.4	45.6
2	*6985.00	83.6 AV			1.18 V	189	38.0	45.6
3	#7125.00	59.7 PK	88.2	-28.5	1.18 V	189	51.8	7.9
4	#7125.00	50.8 AV	68.2	-17.4	1.18 V	189	42.9	7.9
5	#13970.00	57.0 PK	88.2	-31.2	2.33 V	156	47.3	9.7
6	#13970.00	47.4 AV	68.2	-20.8	2.33 V	156	37.7	9.7

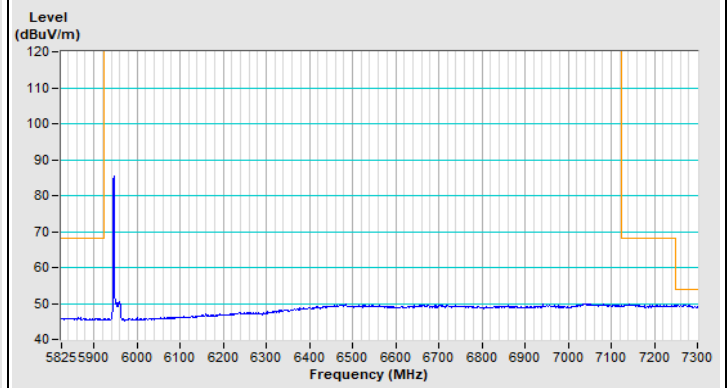
Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

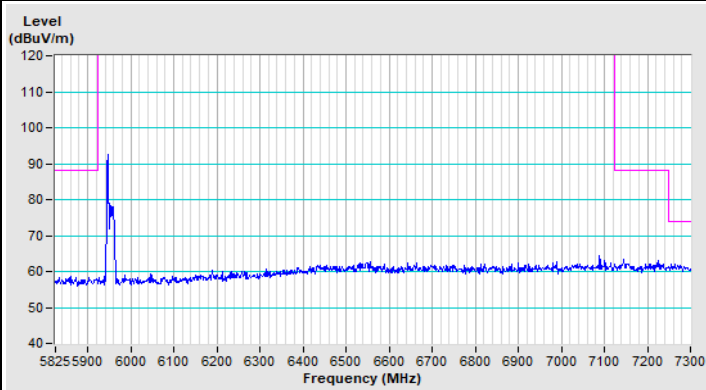
802.11ax (HE20) (RU26) Channel 1



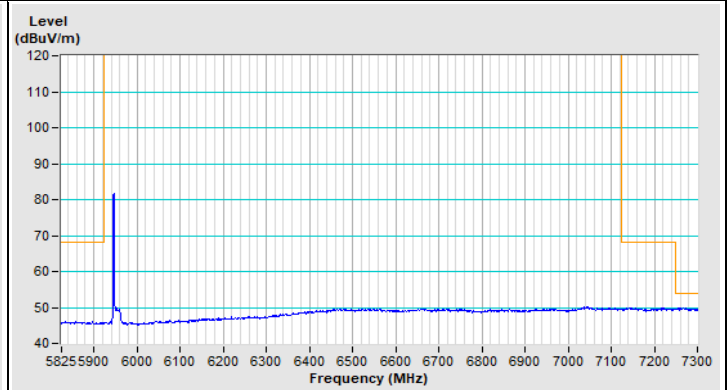
Horizontal (Peak)



Horizontal (Average)

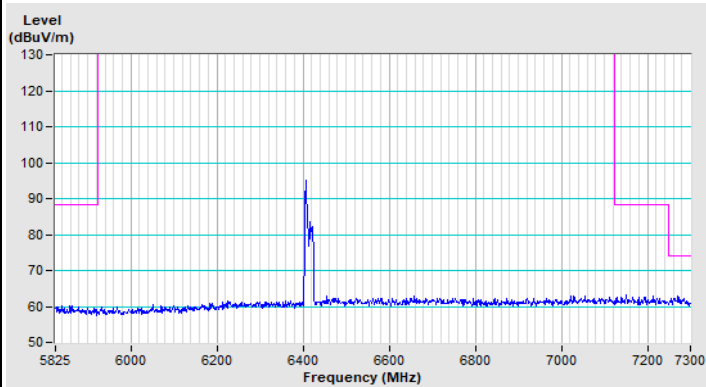


Vertical (Peak)

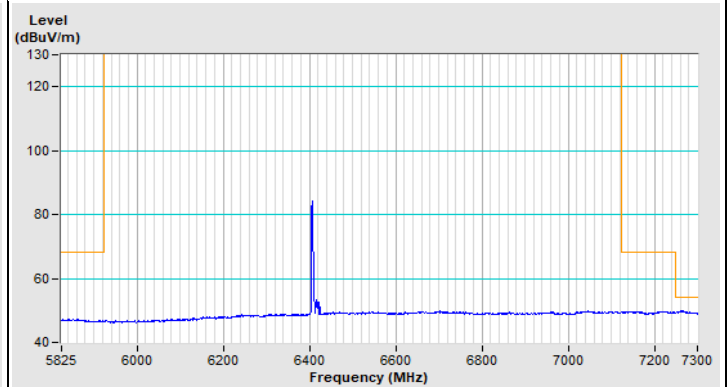


Vertical (Average)

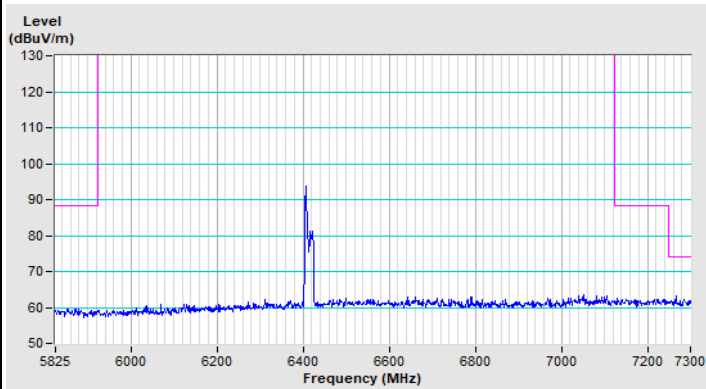
802.11ax (HE20) (RU26) Channel 93



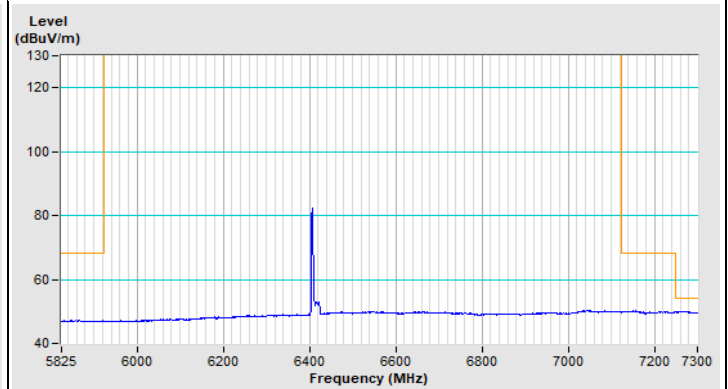
Horizontal (Peak)



Horizontal (Average)

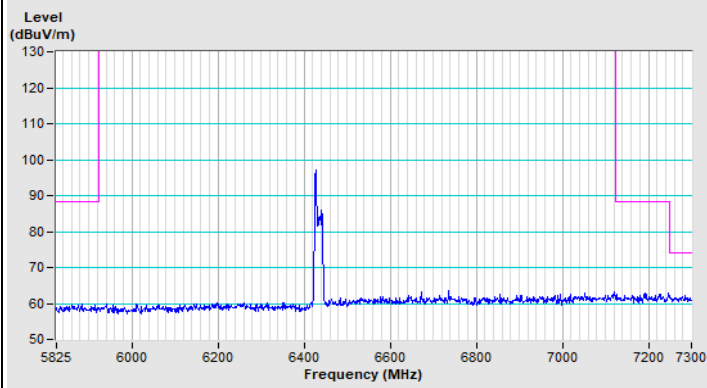


Vertical (Peak)

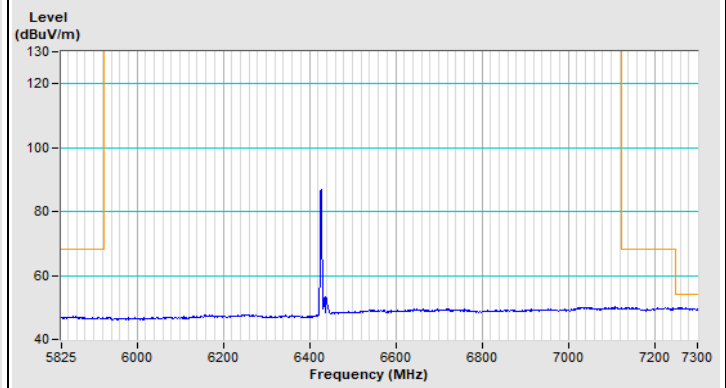


Vertical (Average)

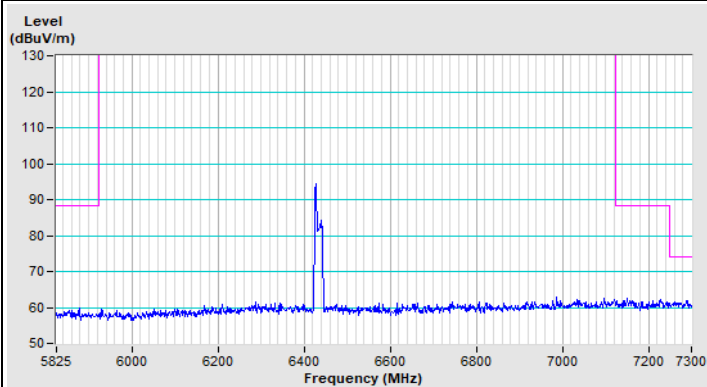
802.11ax (HE20) (RU26) Channel 97



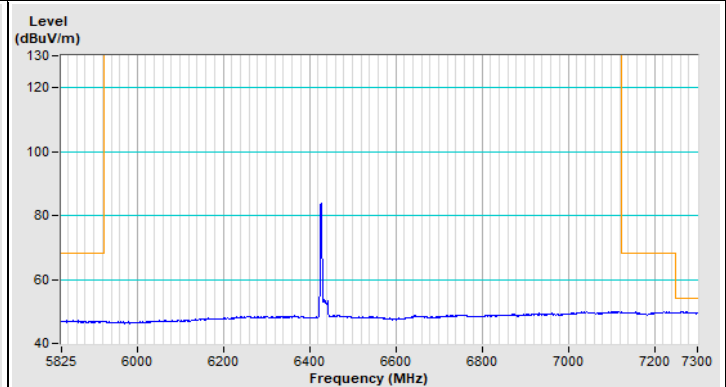
Horizontal (Peak)



Horizontal (Average)

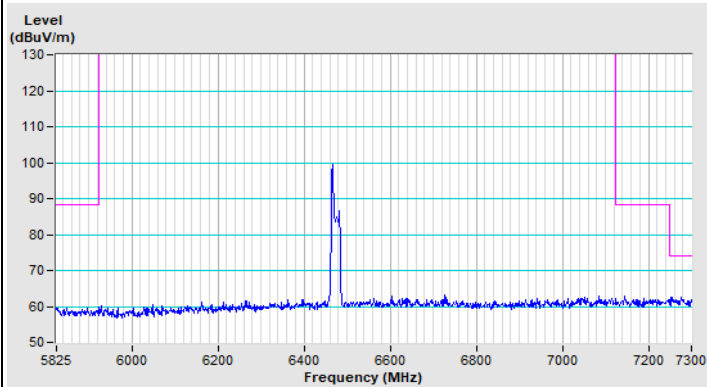


Vertical (Peak)

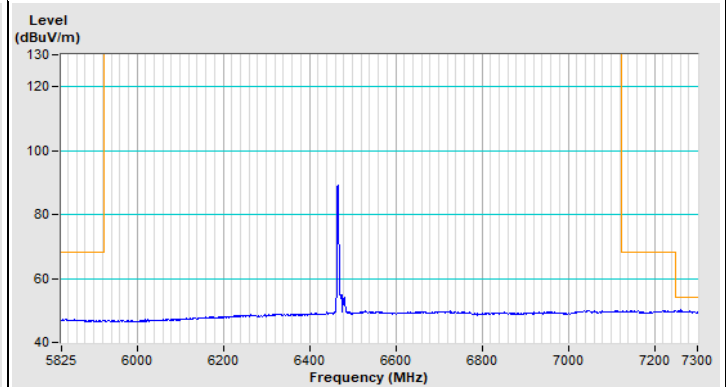


Vertical (Average)

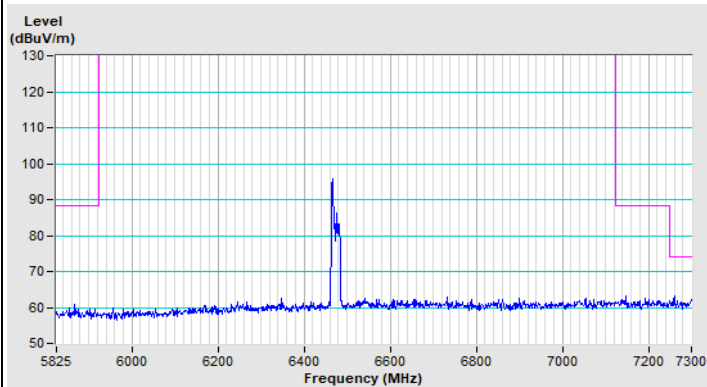
802.11ax (HE20) (RU26) Channel 105



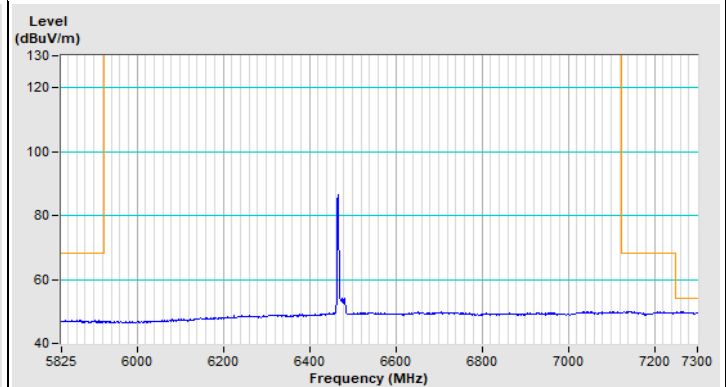
Horizontal (Peak)



Horizontal (Average)

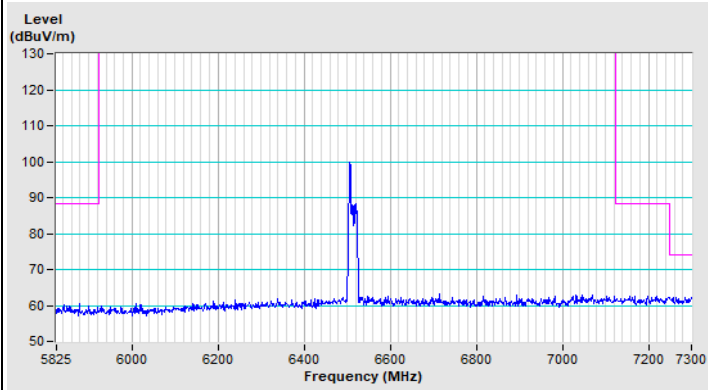


Vertical (Peak)

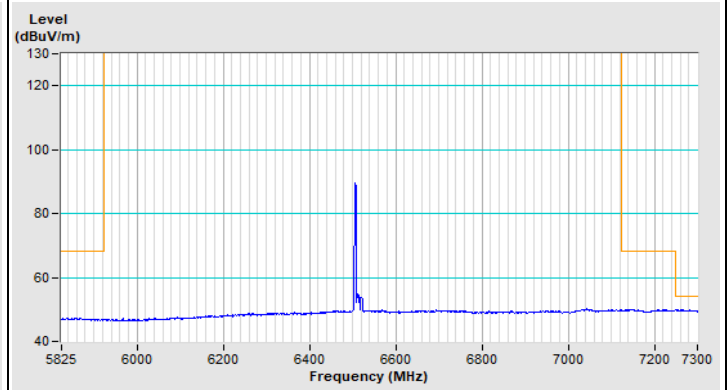


Vertical (Average)

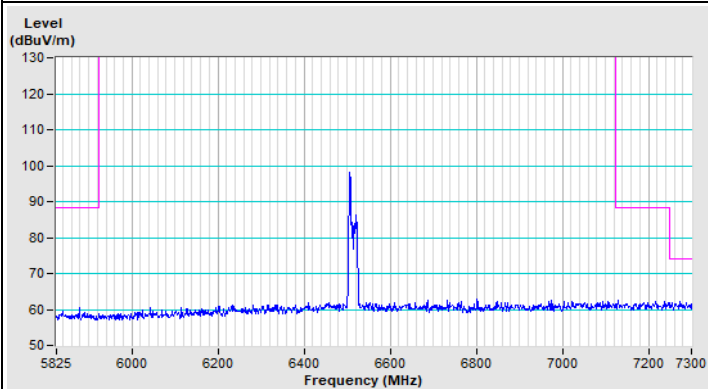
802.11ax (HE20) (RU26) Channel 113



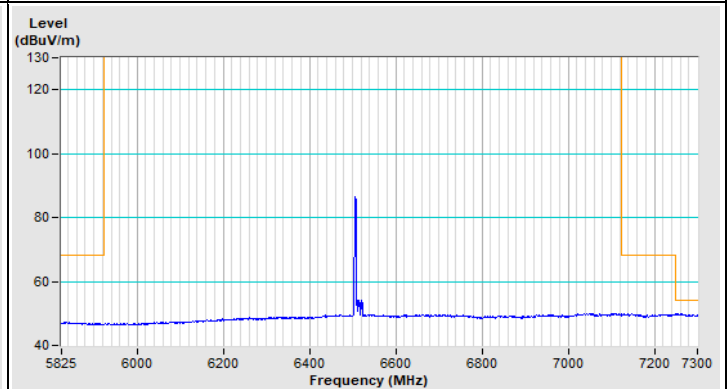
Horizontal (Peak)



Horizontal (Average)

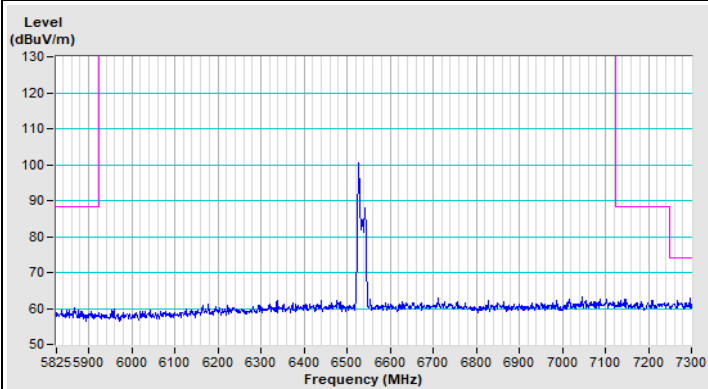


Vertical (Peak)

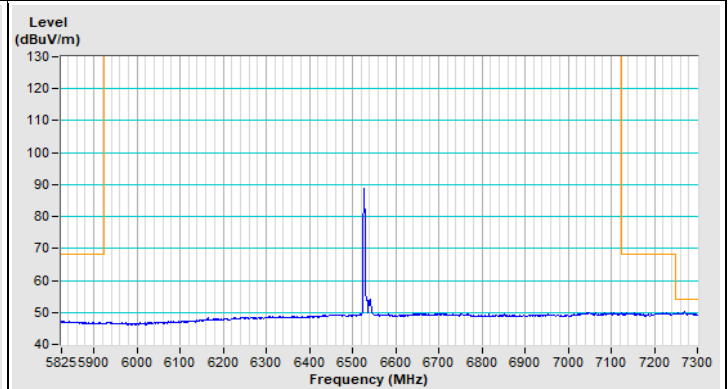


Vertical (Average)

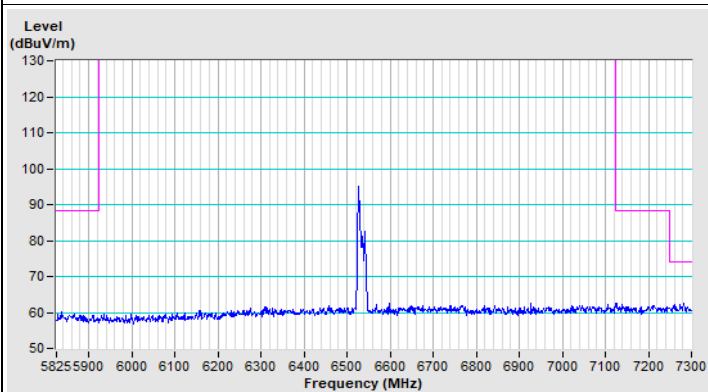
802.11ax (HE20) (RU26) Channel 117



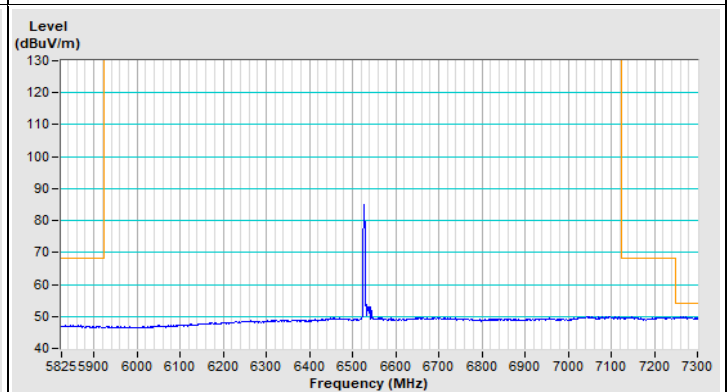
Horizontal (Peak)



Horizontal (Average)

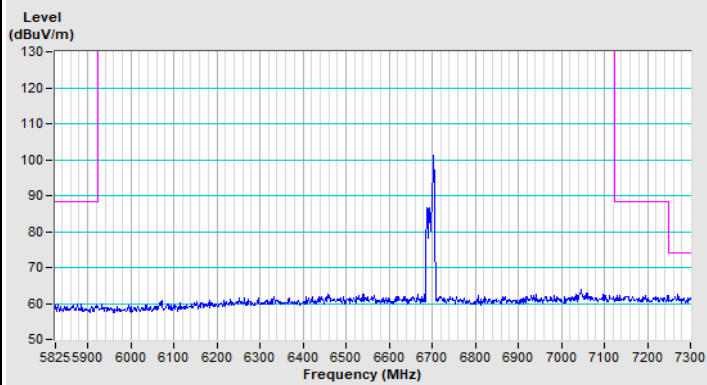


Vertical (Peak)

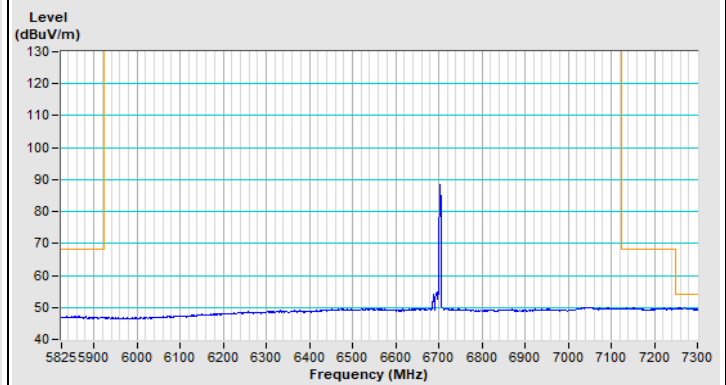


Vertical (Average)

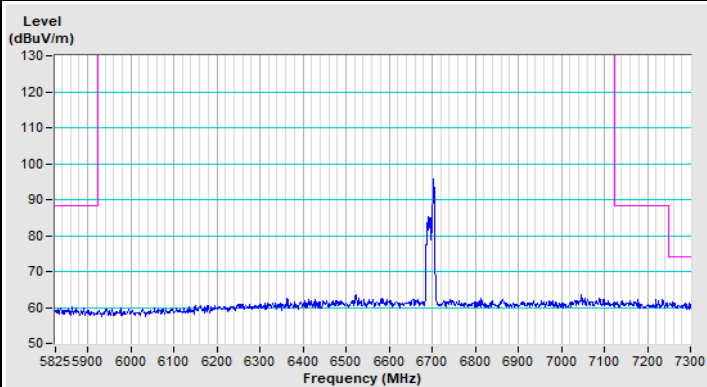
802.11ax (HE20) (RU26) Channel 149



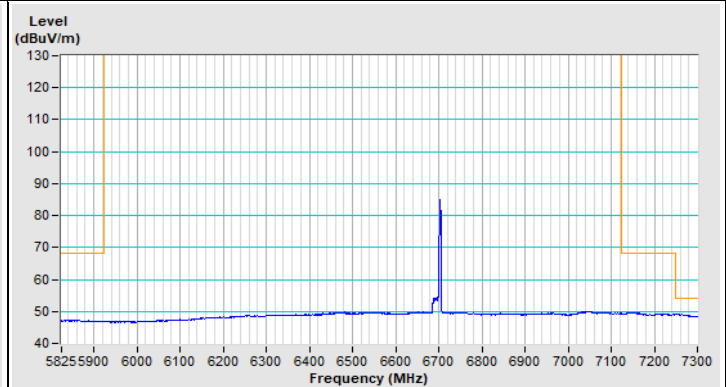
Horizontal (Peak)



Horizontal (Average)

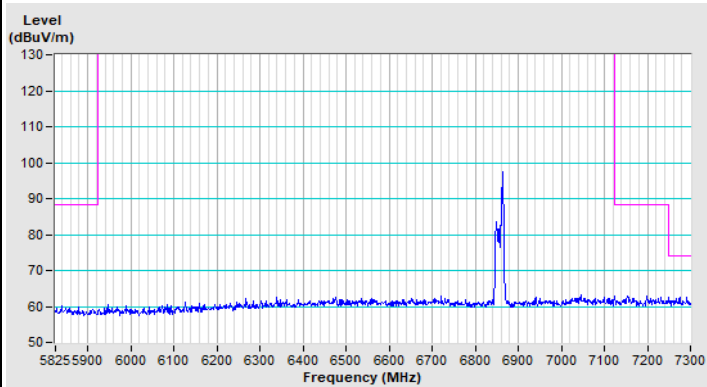


Vertical (Peak)

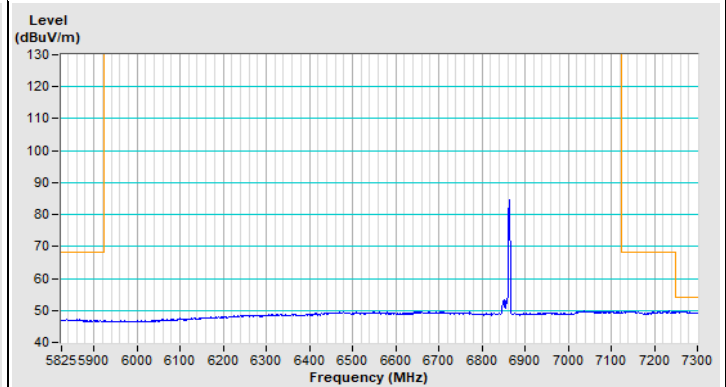


Vertical (Average)

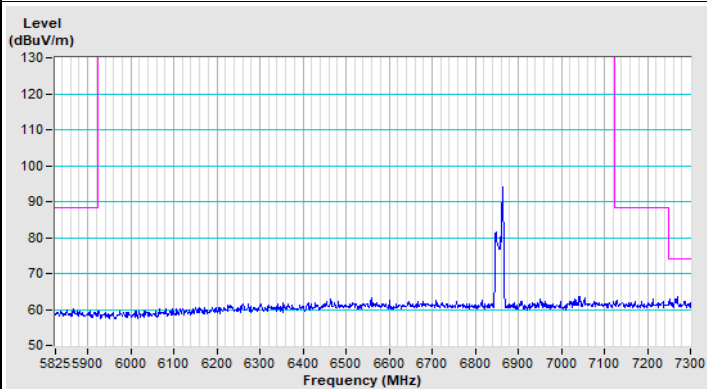
802.11ax (HE20) (RU26) Channel 181



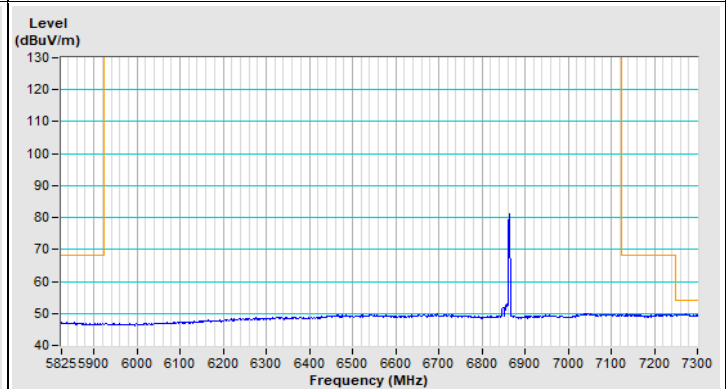
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



Vertical (Average)