TEST REPORT

CERTIFICATE OF CONFORMITY

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

Report No.: RFBBQZ-WTW-P24030292-9

FCC ID: PY324100618

Product: Nighthawk 5G Mobile Router

Brand: NETGEAR

Model No.: MR7400

Received Date: 2024/3/18

Test Date: 2024/3/29 ~ 2024/6/17

Issued Date: 2024/7/2

Applicant and Manufacturer: NETGEAR, INC.

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

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FCC Registration / Designation Number: 788550 / TW0003

Approved by: Jeremy Lin , **Date:** 2024/7/2

Jeremy Lin / Project Engineer

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Prepared by : Polly Chien / Specialist

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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 12
3.5 Duty Cycle of Test Signal 15
3.6 Test Program Used and Operation Descriptions 18
3.7 Connection Diagram of EUT and Peripheral Devices 18
3.8 Configuration of Peripheral Devices and Cable Connections 18

4 Test Instruments **19**

4.1 Maximum RF Output Power 19
4.2 Maximum Power Spectral Density 19
4.3 Emission Bandwidth 19
4.4 In-Band Emission Mask 19
4.5 Occupied Bandwidth 19
4.6 Frequency Stability 20
4.7 Contention-based Protocol 20
4.8 AC Power Conducted Emissions 21
4.9 Unwanted Emissions below 1 GHz 22
4.10 Unwanted Emissions above 1 GHz 23

5 Limits of Test Items **24**

5.1 Maximum RF Output Power 24
5.2 Maximum Power Spectral Density 24
5.3 Emission Bandwidth 24
5.4 In-Band Emission Mask 24
5.5 Occupied Bandwidth 24
5.6 Frequency Stability 25
5.7 Contention-based Protocol 25
5.8 AC Power Conducted Emissions 25
5.9 Unwanted Emissions below 1 GHz 25
5.10 Unwanted Emissions above 1 GHz 26

6 Test Arrangements **27**

6.1 Maximum RF Output Power 27
6.1.1 Test Setup 27
6.1.2 Test Procedure 27
6.2 Maximum Power Spectral Density 27
6.2.1 Test Setup 27
6.2.2 Test Procedure 27
6.3 Emission Bandwidth 27
6.3.1 Test Setup 27
6.3.2 Test Procedure 27
6.4 In-Band Emission Mask 28
6.4.1 Test Setup 28
6.4.2 Test Procedure 28
6.5 Occupied Bandwidth 28
6.5.1 Test Setup 28
6.5.2 Test Procedure 28
6.6 Frequency Stability 29
6.6.1 Test Setup 29

6.6.2 Test Procedure 29
6.7 Contention-based Protocol 30
6.7.1 Test Setup 30
6.7.2 Test Procedure 30
6.8 AC Power Conducted Emissions 31
6.8.1 Test Setup 31
6.8.2 Test Procedure 31
6.9 Unwanted Emissions below 1 GHz 32
6.9.1 Test Setup 32
6.9.2 Test Procedure 33
6.10 Unwanted Emissions above 1 GHz 34
6.10.1 Test Setup 34
6.10.2 Test Procedure 34

7 Test Results of Test Item 35

7.1 Maximum RF Output Power 35
7.2 Maximum Power Spectral Density 39
7.3 Emission Bandwidth 45
7.4 In-Band Emission Mask 49
7.5 Occupied Bandwidth 69
7.6 Frequency Stability 73
7.7 Contention-based Protocol 74
7.8 AC Power Conducted Emissions 88
7.9 Unwanted Emissions below 1 GHz 90
7.10 Unwanted Emissions above 1 GHz 92

8 Pictures of Test Arrangements 162

9 Information of the Testing Laboratories 163

Release Control Record

Issue No.	Description	Date Issued
RFBBQZ-WTW-P24030292-9	Original release.	2024/7/2

1 Certificate

Product:	Nighthawk 5G Mobile Router
Brand:	NETGEAR
Test Model:	MR7400
Sample Status:	Engineering sample
Applicant and Manufacturer:	NETGEAR, INC.
Test Date:	2024/3/29 ~ 2024/6/17
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407)
Measurement procedure:	ANSI C63.10-2013 KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01 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)(5) 15.407(a)(8)	Maximum RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(5) 15.407(a)(8)	Maximum Power Spectral Density	Pass	Meet the requirement of limit.
15.407(a)(11)	Emission Bandwidth	Pass	Meet the requirement of limit.
---	Occupied Bandwidth	-	Reference only.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -20.64 dB at 0.47400 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -3.4 dB at 30.00 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.
15.203	Antenna Requirement	Pass	No antenna connector is used.

Notes:

1. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. Per TCBC notice, FCC allows 99% BW measurements for Wi-Fi 320MHz BW mode instead of Emission Bandwidth.

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	-	72 Hz
Frequency Stability	-	0.176 ppm
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.88 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.59 dB
	30 MHz ~ 1 GHz	3.64 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	2.29 dB
	18 GHz ~ 40 GHz	2.29 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	Nighthawk 5G Mobile Router
Brand	NETGEAR
Test Model	MR7400
Status of EUT	Engineering sample
Power Supply Rating	3.85Vdc from battery 5Vdc or 9Vdc or 12Vdc from adapter
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDMA in 11ax HE mode 4096QAM for OFDMA in 11be EHT mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	Up to 5764.7 Mbps
Operating Frequency	5.955 GHz ~ 6.415 GHz 6.425 GHz ~ 6.525 GHz 6.535 GHz ~ 6.865 GHz 6.875 GHz ~ 7.115 GHz
Number of Channel	802.11a, 802.11ax (HE20), 802.11be (EHT20):59 802.11ax (HE40), 802.11be (EHT40):29 802.11ax (HE80), 802.11be (EHT80):14 802.11ax (HE160), 802.11be (EHT160):7 802.11be (EHT320):6
Output Power	5.955 GHz ~ 6.415 GHz : EIRP: 39.269 mW (15.94 dBm) 6.425 GHz ~ 6.525 GHz : EIRP: 38.308 mW (15.83 dBm) 6.535 GHz ~ 6.865 GHz : EIRP: 42.552 mW (16.29 dBm) 6.875 GHz ~ 7.115 GHz : EIRP: 46.018 mW (16.63 dBm)
Equipment Class	6XD: 15E 6 GHz Low-power Indoor client and 6ID: 15E 6GHz Low-power Indoor Access Points

Note:
1. The EUT uses following accessories.

AC Adapter 1			
Brand	Model	Part Number	Specification
NETGEAR	2AFH0183AA	332-11642-01	AC Input : 100-240Vac, 50/60Hz, 0.5A DC Output : 5.0V, 3.0A, 15.0W 9.0V, 2.0A, 18.0W 12.0V, 1.5A, 18.0W DC Output Cable : N/A Plug : US Manufacturer : CWT
AC Adapter 2			
Brand	Model	Part Number	Specification
NETGEAR	AD2122F20	332-11106-03	AC Input : 100-240V, 50/60Hz, 0.5A DC Output : 5V, 2.0A 9V, 1.8A DC Output Cable : N/A Plug : US Manufacturer : PIE
Battery			
Brand	Model	Part Number	Specification
NETGEAR	W-20b	308-10100-01	Power Rating : 3.85Vdc, 19.96Wh
USB Cable 1			
Brand		Model	Specification
HORTON		D0017100R37HR	Signal Line : 1m

USB Cable 2		
Brand	Model	Specification
LUXSHARE PRECISION INDUSTRY	LZZUC052-CS-H	Signal Line : 1m

2. 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

1. The antenna information is listed as below.

Antenna No.	Gain (dBi)				Antenna Type	Connector Type
	5925~6425 MHz	6425~6525 MHz	6525~6875 MHz	6875~7125 MHz		
ANT 5	2.98	2.98	3.48	3.85	Monopole	NA
ANT 6	1.71	1.71	2.61	1.72	PIFA	NA

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

2. The EUT incorporates a MIMO function:

6 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11a	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11be (EHT20)	2TX	2RX
802.11be (EHT40)	2TX	2RX
802.11be (EHT80)	2TX	2RX
802.11be (EHT160)	2TX	2RX
802.11be (EHT320)	2TX	2RX

Note:
1. The modulation and bandwidth are similar for 802.11ax mode for 20 MHz (40 MHz, 80 MHz, 160MHz), and 802.11be mode for 20 MHz (40 MHz, 80 MHz, 160MHz, 320MHz), therefore the manufacturer will control the power for 802.11ax mode is the same as the 802.11be or lower than it and investigated worst case to representative mode in test report.
2. The EUT device modulation technique OFDMA does not support partial RUs (resource units) and channel puncturing, but supports bandwidth reduction mechanisms.

3.3 Channel List

U-NII-5:

24 channels are provided for 802.11a, 802.11ax (HE20), 802.11be (EHT20):

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), 802.11be (EHT40):

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 channels are provided for 802.11ax (HE80), 802.11be (EHT80):

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), 802.11be (EHT160):

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

2 channels are provided for 802.11be (EHT320):

Channel	Frequency	Channel	Frequency
31	6105 MHz	63	6265 MHz

U-NII-6:

5 channels are provided for 802.11a, 802.11ax (HE20), 802.11be (EHT20):

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), 802.11be (EHT40):

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

1 channel is provided for 802.11ax (HE80), 802.11be (EHT80):

Channel	Frequency
103	6465 MHz

1 channel is provided for 802.11ax (HE160), 802.11be (EHT160):

Channel	Frequency
*111	6505 MHz

1 channel is provided for 802.11be (EHT320):

Channel	Frequency
*95	6425 MHz

U-NII-7:

17 channels are provided for 802.11a, 802.11ax (HE20), 802.11be (EHT20):

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), 802.11be (EHT40):

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), 802.11be (EHT80):

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), 802.11be (EHT160):

Channel	Frequency	Channel	Frequency
143	6665 MHz	*175	6825 MHz

2 channels are provided for 802.11be (EHT320):

Channel	Frequency	Channel	Frequency
*127	6585 MHz	*159	6745 MHz

U-NII-8:

13 channels are provided for 802.11a, 802.11ax (HE20), 802.11be (EHT20):

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), 802.11be (EHT40):

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), 802.11be (EHT80):

Channel	Frequency	Channel	Frequency
199	6945 MHz	215	7025 MHz

1 channel is provided for 802.11ax (HE160), 802.11be (EHT160):

Channel	Frequency
207	6985 MHz

1 channel is provided for 802.11be (EHT320):

Channel	Frequency
*191	6905 MHz

Note: * mean these are straddle channels.

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. The final test modes consider the modulation and the worst data rates as shown in the table below. EUT supports AP mode and client mode. The same output power level is used on the two modes. Due to the limit of the client mode is more restrictive than the AP mode, the client mode test data also shows the compliance of the AP mode. Therefore, this report only shows the test data of client mode. For AP mode is available only when the device is powered by AC adapter connected to AC mains, also illustrated in the user manual. 2. For Unwanted Emission (below 1GHz) items: Battery/AC Adapter/USB Cable. Pre-scan these modes and find the worst case as a representative test condition. 3. 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:	1. AC Adapter 1 + USB Cable 1 2. Z-Axis

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

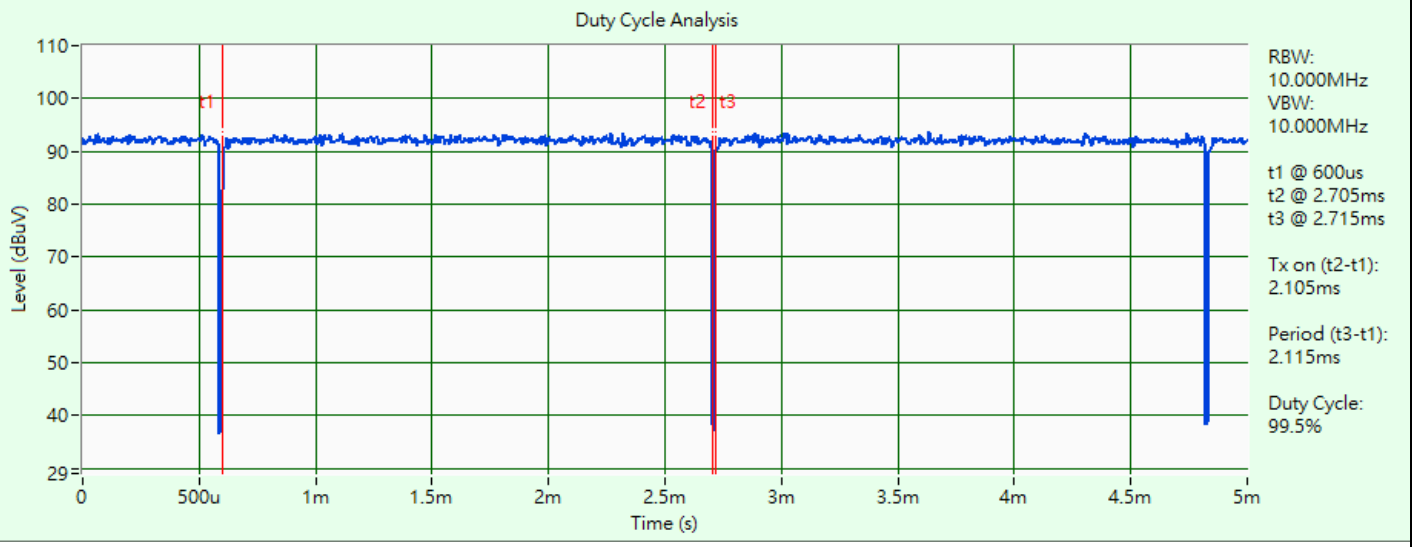
Test Item	Mode	Tested Channel	Modulation	Data Rate Parameter
Maximum RF Output Power	802.11a	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	6Mb/s
	802.11be (EHT20)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	802.11be (EHT40)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11be (EHT80)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	802.11be (EHT160)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	802.11be (EHT320)	31, 63, 95, 127, 159, 191	BPSK	MCS0
Maximum Power Spectral Density	802.11a	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	6Mb/s
	802.11be (EHT20)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	802.11be (EHT40)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11be (EHT80)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	802.11be (EHT160)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	802.11be (EHT320)	31, 63, 95, 127, 159, 191	BPSK	MCS0

Test Item	Mode	Tested Channel	Modulation	Data Rate Parameter
Emission Bandwidth	802.11a	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	6Mb/s
	802.11be (EHT20)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	802.11be (EHT40)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11be (EHT80)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	802.11be (EHT160)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	802.11be (EHT320)	31, 63, 95, 127, 159, 191	BPSK	MCS0
In-Band Emission Mask	802.11a	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	6Mb/s
	802.11be (EHT20)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	802.11be (EHT40)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11be (EHT80)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	802.11be (EHT160)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	802.11be (EHT320)	31, 63, 95, 127, 159, 191	BPSK	MCS0
Occupied Bandwidth	802.11a	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	6Mb/s
	802.11be (EHT20)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	802.11be (EHT40)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11be (EHT80)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	802.11be (EHT160)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	802.11be (EHT320)	31, 63, 95, 127, 159, 191	BPSK	MCS0
Frequency Stability	802.11a	1	unmodulated	-
Contention-based Protocol	802.11be (EHT20)	33, 105, 173, 209	BPSK	MCS0
	802.11be (EHT320)	31, 95, 159, 191	BPSK	MCS0
AC Power Conducted Emissions	802.11be (EHT320)	191	BPSK	MCS0
Unwanted Emissions below 1 GHz	802.11be (EHT320)	191	BPSK	MCS0

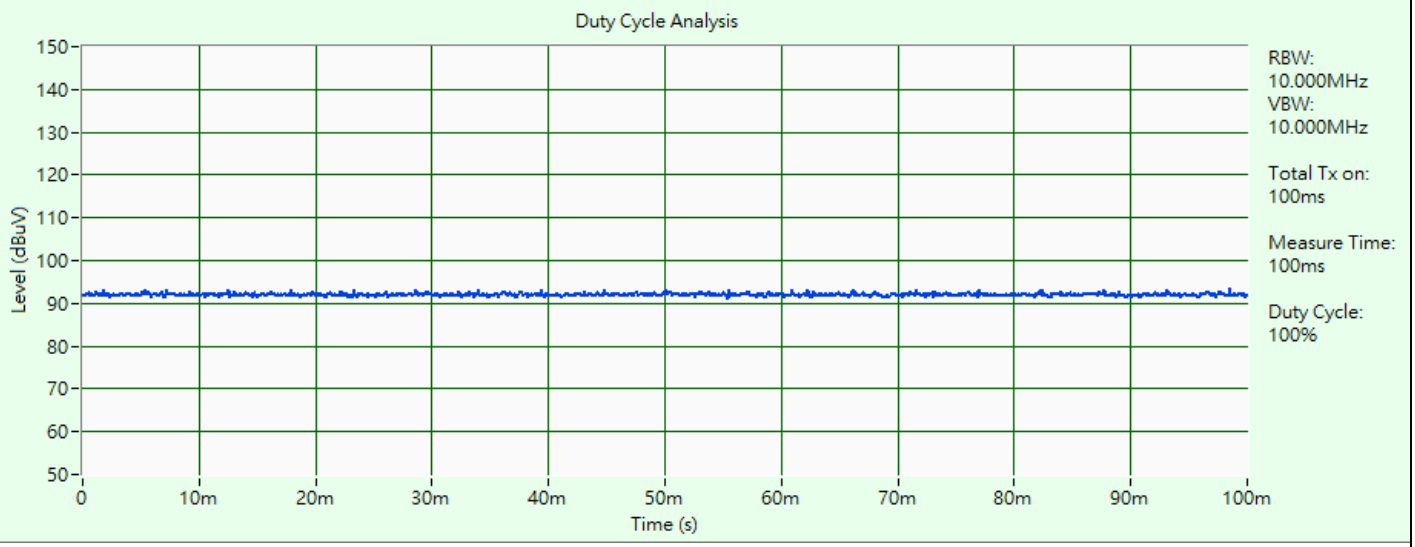
Test Item	Mode	Tested Channel	Modulation	Data Rate Parameter
Unwanted Emissions above 1 GHz	802.11a	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	6Mb/s
	802.11be (EHT20)	1, 45, 93, 97, 105, 113, 117, 149, 181, 185, 209, 233	BPSK	MCS0
	802.11be (EHT40)	3, 43, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11be (EHT80)	7, 39, 87, 103, 119, 151, 183, 199, 215	BPSK	MCS0
	802.11be (EHT160)	15, 47, 79, 111, 143, 175, 207	BPSK	MCS0
	802.11be (EHT320)	31, 63, 95, 127, 159, 191	BPSK	MCS0

3.5 Duty Cycle of Test Signal

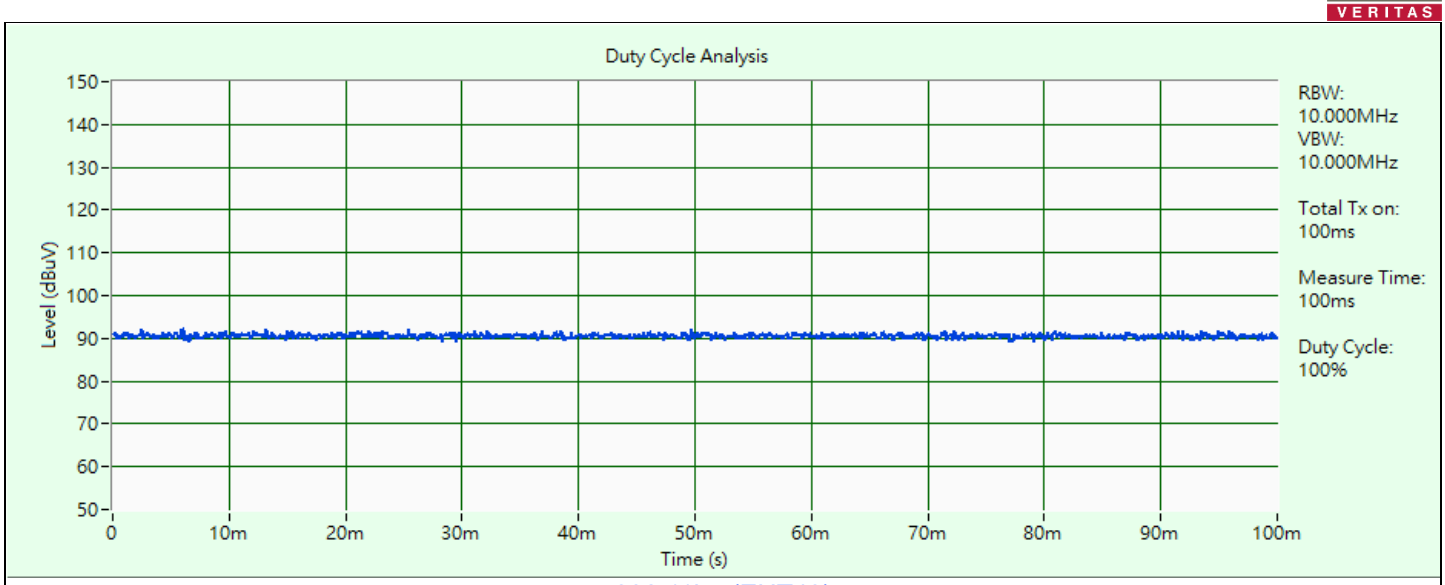
802.11a: Duty cycle = 2.105 ms / 2.115 ms x 100% = 99.5%
802.11be (EHT20): Duty cycle = 100 ms / 100 ms x 100% = 100.0%
802.11be (EHT40): Duty cycle = 100 ms / 100 ms x 100% = 100.0%
802.11be (EHT80): Duty cycle = 100 ms / 100 ms x 100% = 100.0%
802.11be (EHT160): Duty cycle = 100 ms / 100 ms x 100% = 100.0%
802.11be (EHT320): Duty cycle = 0.868 ms / 0.882 ms x 100% = 98.4%



802.11a



802.11be (EHT20)



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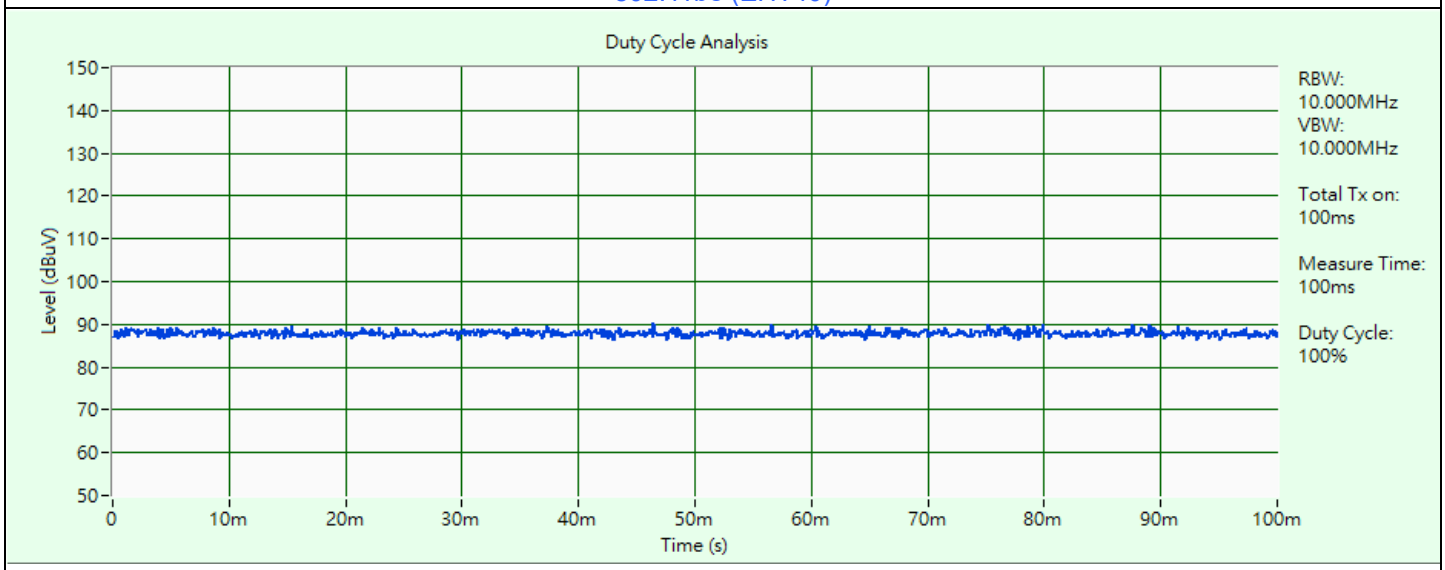

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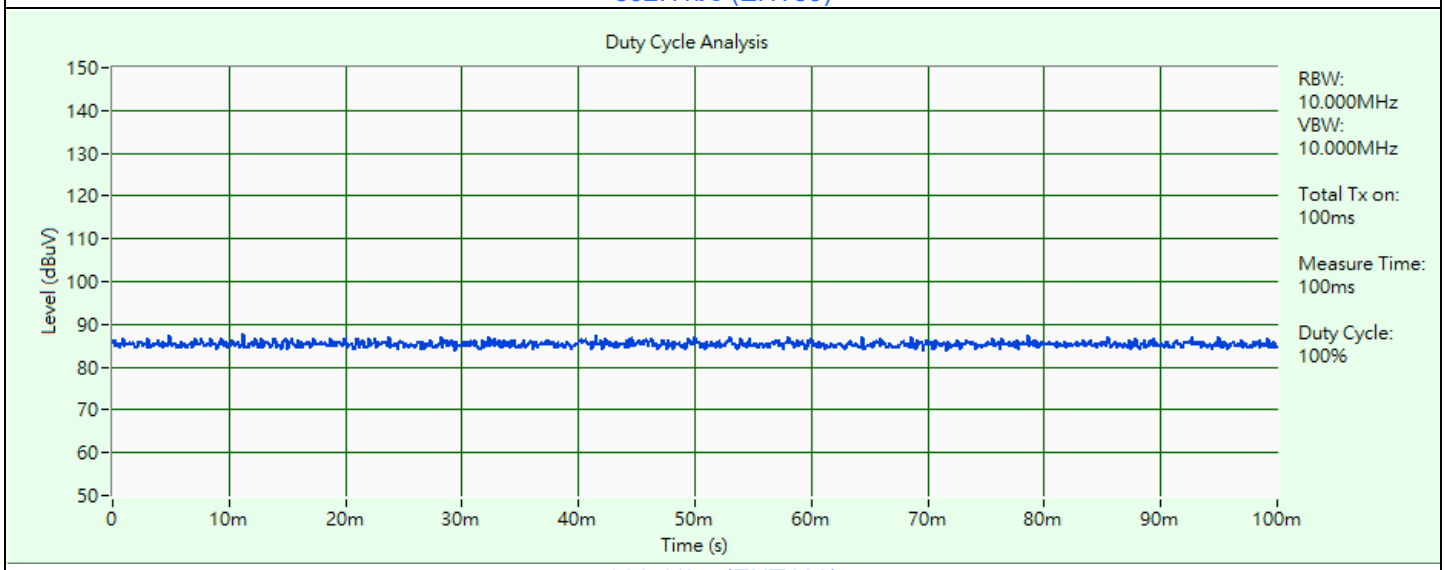
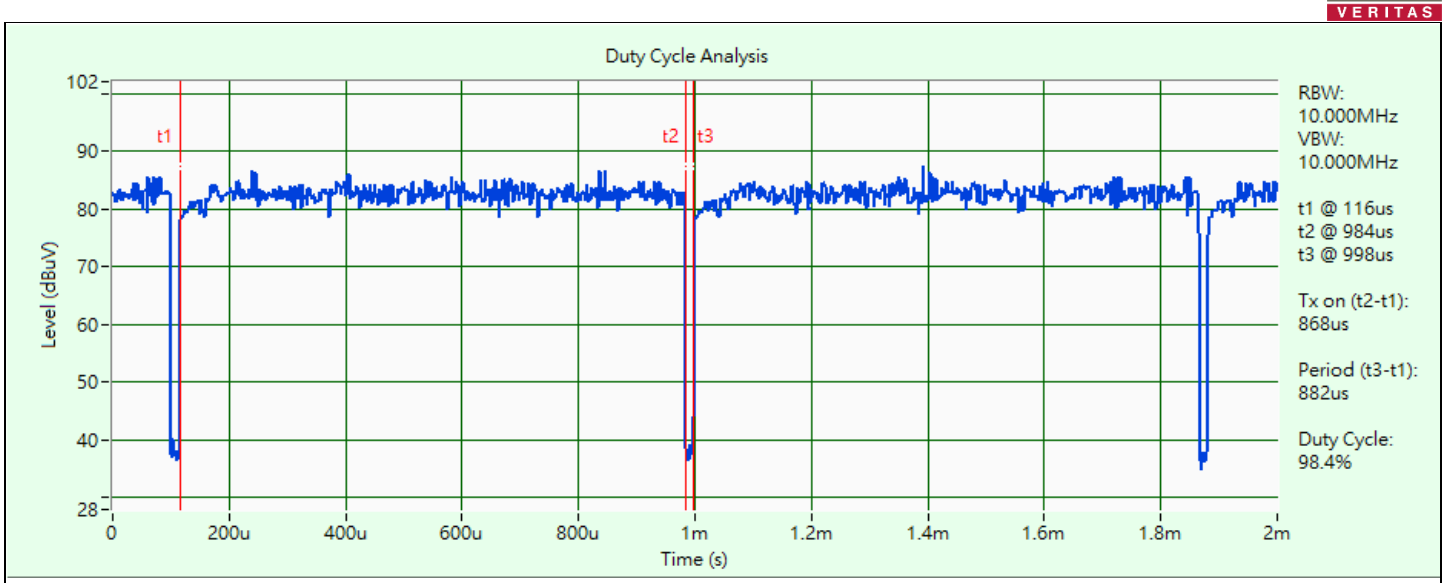


802.11be (EHT160)

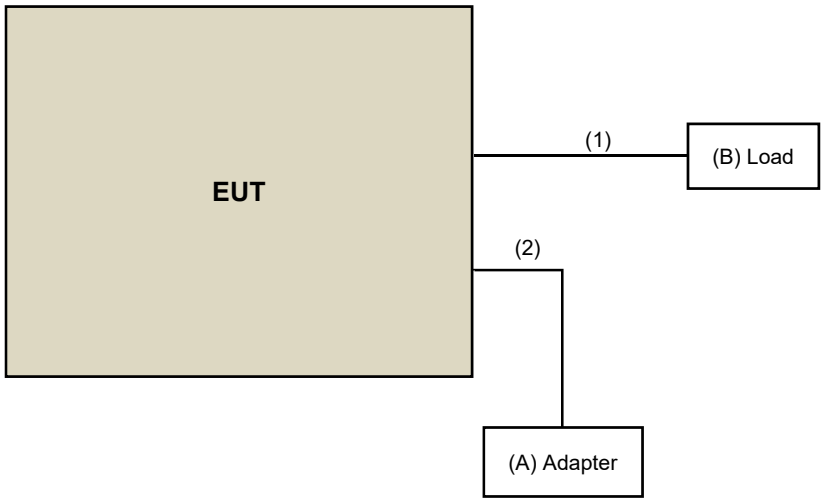


802.11be (EHT320)

3.6 Test Program Used and Operation Descriptions

Controlling software QRCT Version 4.0.211.0 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	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Adapter	NETGEAR	2AFH0183AA	NA	NA	Accessory of EUT
B.	Load	NA	NA	NA	NA	Provided by Lab

No.	Cable Descriptions	Qty.	Length (m)	Shielded (Yes/ No)	Cores (Qty.)	Remark
1.	RJ45 Cable	1	1.5	No	0	Provided by Lab
2.	USB Cable	1	1	Yes	0	Accessory of EUT

4 Test Instruments

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

4.1 Maximum RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Peak Power Analyzer Keysight	8990B	MY51000485	2024/1/21	2025/1/20
Wideband Power Sensor Keysight	N1923A	MY58020002	2024/1/18	2025/1/17
		MY58140009	2024/1/18	2025/1/17

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/4/24 ~ 2024/4/25

4.2 Maximum Power Spectral Density

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Signal & Spectrum Analyzer R&S	FSV3044	101504	2023/6/5	2024/6/4
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/4/24 ~ 2024/4/25

4.3 Emission Bandwidth

Refer to section 4.2 to get the tested date and information of the instruments.

4.4 In-Band Emission Mask

Refer to section 4.2 to get the tested date and information of the instruments.

4.5 Occupied Bandwidth

Refer to section 4.2 to get the tested date and 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	87III	70360742	2023/7/6	2024/7/5
Signal & Spectrum Analyzer R&S	FSV3044	101504	2023/6/5	2024/6/4
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Terchy	HRM-120RF	931022	2023/12/19	2024/12/18

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/4/24 ~ 2024/4/25

4.7 Contention-based Protocol

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/12/28	2024/12/27
MXG Vector Signal Generator Agilent	N5182B	MY53050430	2023/12/4	2024/12/3
MXG Vector Signal Generator Keysight	N5182BU	MY59360189	2023/12/4	2024/12/3
Power Divider Woken	0120A02058001M	DCMD33WIK3	2024/4/29	2025/4/28
		DCMD33WIK7	2024/4/29	2025/4/28

Notes:

1. The test was performed in Adaptivity room.
2. Tested Date: 2024/6/17

4.8 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance HUBER+SUHNER	E1-011315	13	2023/11/22	2024/11/21
50 ohm terminal resistance	E1-011279	04	2023/11/22	2024/11/21
	E1-011280	05	2023/11/22	2024/11/21
DC-LISN Schwarzbeck	NNBM 8126G	8126G-069	2023/11/7	2024/11/6
EMI Test Receiver R&S	ESCI	100613	2023/12/4	2024/12/3
Fixed Attenuator Mini-Circuits	HAT-10+	PAD-COND1-01	2024/1/6	2025/1/5
LISN R&S	ESH3-Z5	100311	2023/9/6	2024/9/5
		100312	2023/9/12	2024/9/11
RF Coaxial Cable Woken	5D-FB	Cable-cond1-01	2024/1/6	2025/1/5
Software BVADT	BVADT_Cond_ V7.4.1.0	N/A	N/A	N/A
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2023/8/31	2024/8/30

Notes:

1. The test was performed in HY - Conduction 1.
2. Tested Date: 2024/3/29

4.9 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-155	2023/10/13	2024/10/12
EMI Test Receiver R&S	ESR3	102782	2023/12/7	2024/12/6
Loop Antenna Electro-Metrics	EM-6879	269	2023/9/23	2024/9/22
Loop Antenna TESEQ	HLA 6121	45745	2023/8/8	2024/8/7
Preamplifier Agilent	8447D	2944A10631	2023/5/7	2024/5/6
Preamplifier EMCI	EMC001340	980201	2023/9/27	2024/9/26
RF Coaxial Cable Woken	8D-FB	Cable-CH4-01	2023/7/8	2024/7/7
Signal & Spectrum Analyzer R&S	FSW43	101582	2023/4/13	2024/4/12
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3.
2. Tested Date: 2024/3/29

4.10 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	5	N/A	N/A
EMI Test Receiver R&S	ESR3	102782	2023/12/7	2024/12/6
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-408	2023/11/12	2024/11/11
	BBHA 9170	9170-480	2023/11/12	2024/11/11
		BBHA9170241	2023/10/16	2024/10/15
		BBHA9170243	2023/11/12	2024/11/11
Preamplifier EMCI	EMC 184045	980116	2023/9/27	2024/9/26
Preamplifier Keysight	83017A	MY53270295	2023/5/7	2024/5/6
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2023/7/8	2024/7/7
	EMC102-KM-KM-3000	150929	2023/7/8	2024/7/7
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH4-03(250724)	2023/5/7	2024/5/6
	Sucoflex 104	MY 13380+295012/04	2023/5/7	2024/5/6
Signal & Spectrum Analyzer R&S	FSW43	101866	2024/3/26	2025/3/25
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3.
2. Tested Date: 2024/3/29 ~ 2024/4/3

5 Limits of Test Items

5.1 Maximum RF Output Power

Operation Band	Equipment Class	Limit
		Maximum Average Power
U-NII-5 U-NII-6 U-NII-7 U-NII-8	6XD: 15E 6 GHz Low-power Indoor client	EIRP 24 dBm
	6ID: 15E 6 GHz Low-power indoor access point	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 Maximum Power Spectral Density

Operation Band	Equipment Class	Limit
		Maximum Power Density
U-NII-5 U-NII-6 U-NII-7 U-NII-8	6XD: 15E 6 GHz Low-power Indoor client	EIRP -1 dBm/MHz
	6ID: 15E 6 GHz Low-power indoor access point	EIRP 5 dBm/MHz

5.3 Emission Bandwidth

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

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 results are for reference only.

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:

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

6 Test Arrangements

6.1 Maximum RF Output Power

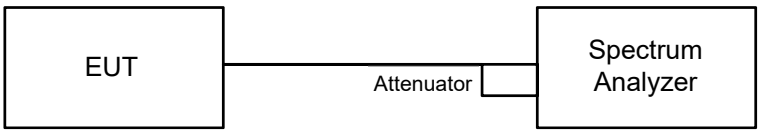
6.1.1 Test Setup

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 Maximum Power Spectral Density

6.2.1 Test Setup



6.2.2 Test Procedure

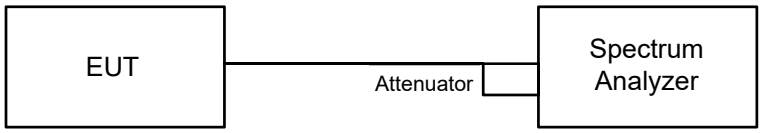
For specified measurement bandwidth 1 MHz:

Method SA-1

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
c. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
d. Sweep time = auto, trigger set to “free run”.
e. Trace average at least 100 traces in power averaging mode.
f. Record the max value

6.3 Emission Bandwidth

6.3.1 Test Setup

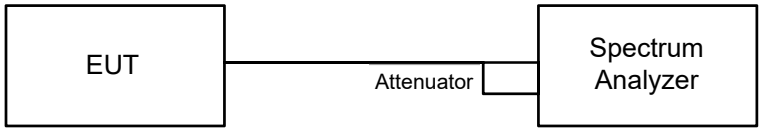


6.3.2 Test Procedure

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 ≥ [3 X RBW].
d) Number of points in sweep ≥ [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.

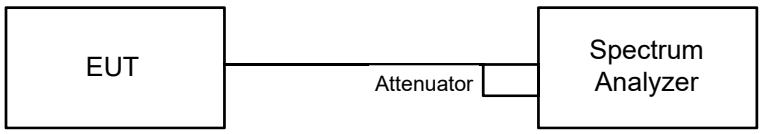
e. Adjust the span to encompass the entire mask as necessary and clear trace.

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

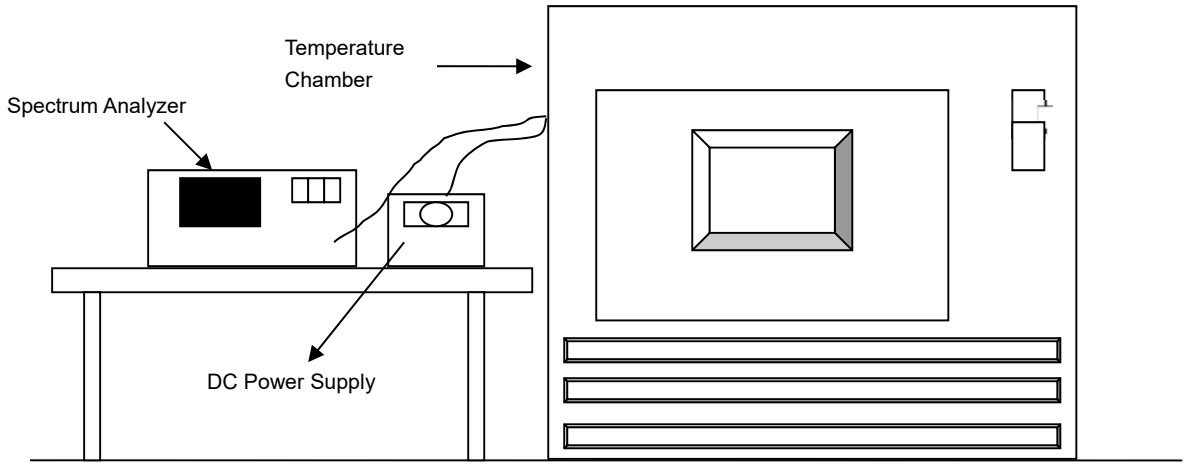


6.5.2 Test Procedure

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

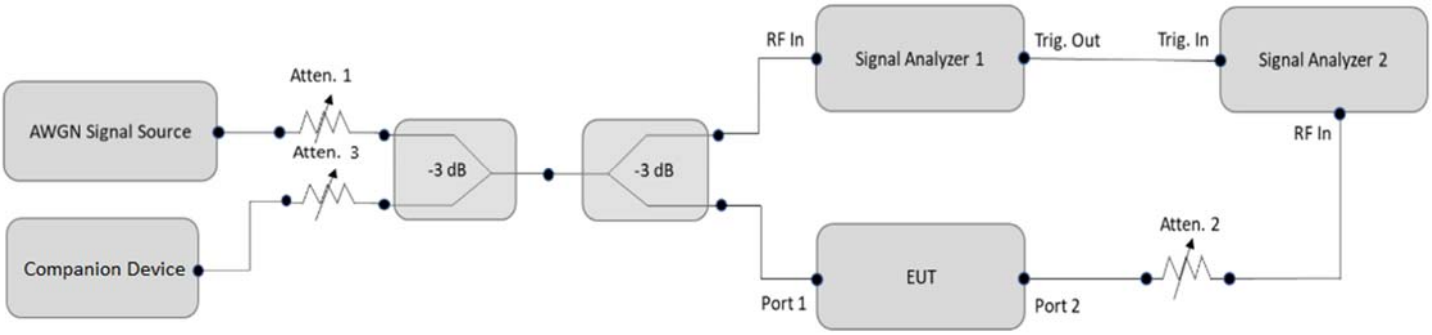


6.6.2 Test Procedure

a. The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
b. Turn the EUT on and couple its output to a spectrum analyzer.
c. Turn the EUT off and set the chamber to the highest temperature specified.
d. 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.
e. Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
f. 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

a. 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.

b. 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).

c. Determine number of times detection threshold test as following table,

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

d. 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.

e. 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.

f. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

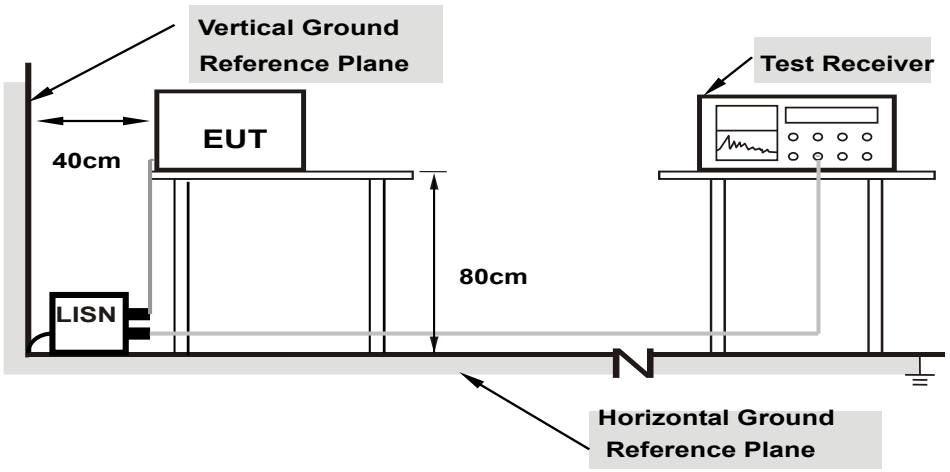
g. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.

h. (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.

i. 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

a. 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.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

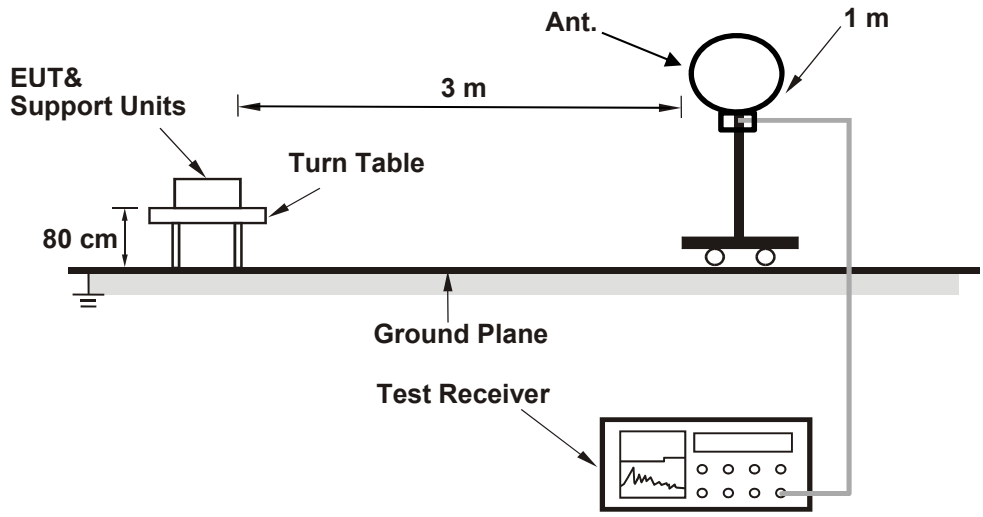
c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

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.

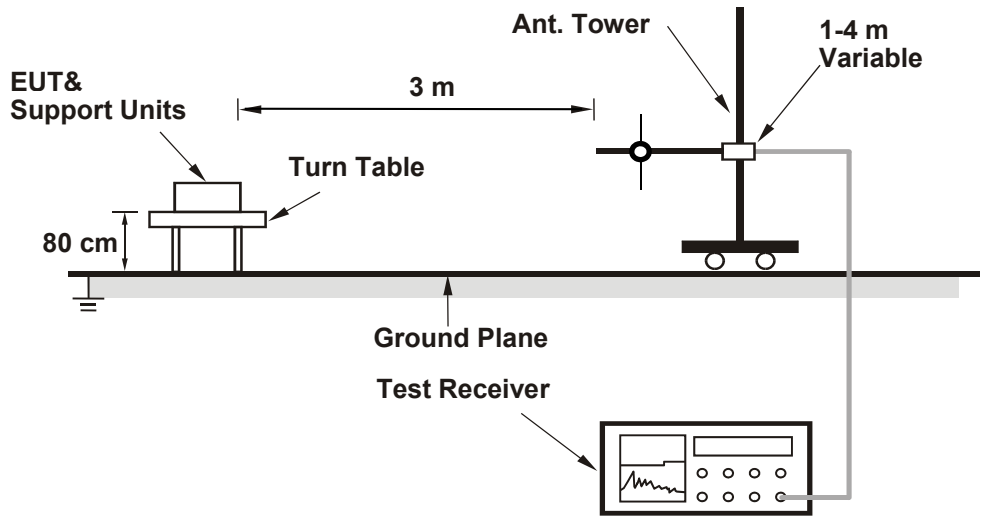
6.9 Unwanted Emissions below 1 GHz

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.

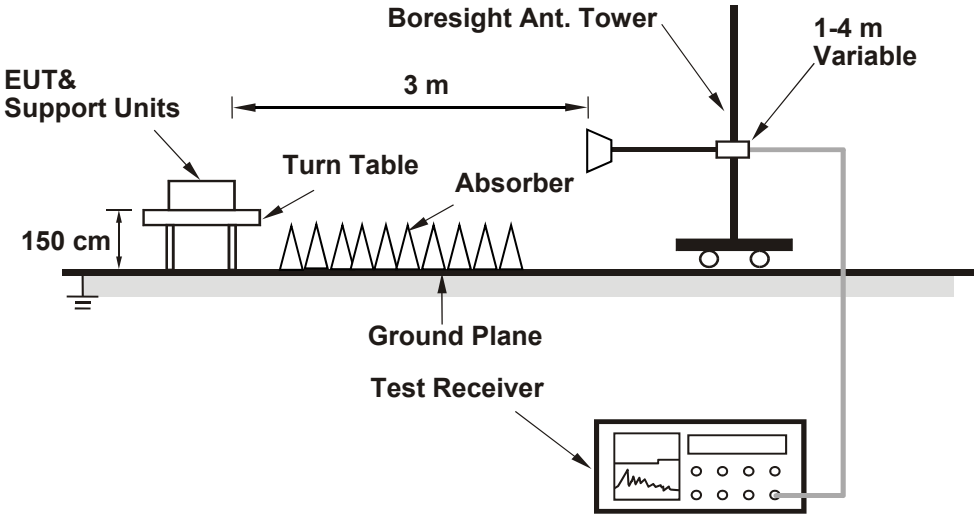
e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

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

a. 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.

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 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:

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

7 Test Results of Test Item

7.1 Maximum RF Output Power

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

802.11a

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	5.05	4.87	6.268	7.97	2.98	12.449	10.95	24	Pass
45	6175	5.18	4.99	6.451	8.10	2.98	12.812	11.08	24	Pass
93	6415	5.09	4.95	6.355	8.03	2.98	12.622	11.01	24	Pass
97	6435	5.22	5.03	6.511	8.14	2.98	12.931	11.12	24	Pass
105	6475	5.27	5.12	6.616	8.21	2.98	13.14	11.19	24	Pass
113	6515	5.28	5.14	6.639	8.22	2.98	13.186	11.2	24	Pass
117	6535	4.21	3.98	5.137	7.11	3.48	11.447	10.59	24	Pass
149	6695	4.31	4.04	5.233	7.19	3.48	11.661	10.67	24	Pass
181	6855	4.18	3.97	5.113	7.09	3.48	11.394	10.57	24	Pass
185	6875	4.15	3.95	5.083	7.06	3.85	12.334	10.91	24	Pass
209	6995	4.79	4.53	5.851	7.67	3.85	14.198	11.52	24	Pass
233	7115	4.72	4.48	5.77	7.61	3.85	14.002	11.46	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, the maximum gain is 2.98 dBi.
3. For U-NII-6, the maximum gain is 2.98 dBi.
4. For U-NII-7, the maximum gain is 3.48 dBi.
5. For U-NII-8, the maximum gain is 3.85 dBi.

802.11be (EHT20)

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	5.13	4.76	6.251	7.96	2.98	12.415	10.94	24	Pass
45	6175	5.26	4.89	6.441	8.09	2.98	12.792	11.07	24	Pass
93	6415	5.04	4.93	6.303	8.00	2.98	12.518	10.98	24	Pass
97	6435	5.11	4.99	6.398	8.06	2.98	12.707	11.04	24	Pass
105	6475	5.17	5.06	6.495	8.13	2.98	12.9	11.11	24	Pass
113	6515	5.24	5.02	6.519	8.14	2.98	12.947	11.12	24	Pass
117	6535	4.26	3.94	5.144	7.11	3.48	11.463	10.59	24	Pass
149	6695	4.21	3.91	5.097	7.07	3.48	11.358	10.55	24	Pass
181	6855	4.06	3.95	5.03	7.02	3.48	11.209	10.5	24	Pass
185	6875	4.11	3.88	5.02	7.01	3.85	12.182	10.86	24	Pass
209	6995	4.65	4.47	5.716	7.57	3.85	13.871	11.42	24	Pass
233	7115	0.97	0.62	2.404	3.81	3.85	5.834	7.66	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, the maximum gain is 2.98 dBi.
3. For U-NII-6, the maximum gain is 2.98 dBi.
4. For U-NII-7, the maximum gain is 3.48 dBi.
5. For U-NII-8, the maximum gain is 3.85 dBi.

802.11be (EHT40)

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	8.57	8.52	14.304	11.55	2.98	28.409	14.53	24	Pass
43	6165	8.47	8.37	13.908	11.43	2.98	27.623	14.41	24	Pass
91	6405	8.84	8.37	14.527	11.62	2.98	28.852	14.6	24	Pass
99	6445	8.63	8.50	14.373	11.58	2.98	28.546	14.56	24	Pass
107	6485	8.50	8.34	13.901	11.43	2.98	27.609	14.41	24	Pass
115	6525	7.77	7.40	11.47	10.60	3.48	25.56	14.08	24	Pass
123	6565	7.85	7.50	11.716	10.69	3.48	26.108	14.17	24	Pass
155	6725	7.92	7.52	11.837	10.73	3.48	26.378	14.21	24	Pass
179	6845	7.80	7.39	11.51	10.61	3.48	25.649	14.09	24	Pass
187	6885	8.22	7.77	12.622	11.01	3.85	30.629	14.86	24	Pass
211	7005	8.21	7.74	12.566	10.99	3.85	30.493	14.84	24	Pass
227	7085	8.28	7.97	13.005	11.14	3.85	31.558	14.99	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, the maximum gain is 2.98 dBi.
3. For U-NII-6, the maximum gain is 2.98 dBi.
4. For U-NII-7, the maximum gain is 3.48 dBi.
5. For U-NII-8, the maximum gain is 3.85 dBi.

802.11be (EHT80)

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	9.94	9.65	19.089	12.81	2.98	37.913	15.79	24	Pass
39	6145	9.97	9.65	19.157	12.82	2.98	38.048	15.8	24	Pass
87	6385	9.99	9.57	19.034	12.80	2.98	37.803	15.78	24	Pass
103	6465	9.99	9.69	19.288	12.85	2.98	38.308	15.83	24	Pass
119	6545	9.97	9.53	18.911	12.77	3.48	42.142	16.25	24	Pass
151	6705	9.66	8.88	16.968	12.30	3.48	37.812	15.78	24	Pass
183	6865	8.96	8.23	14.533	11.62	3.48	32.386	15.1	24	Pass
199	6945	9.58	9.45	17.886	12.53	3.85	43.402	16.38	24	Pass
215	7025	9.61	9.13	17.328	12.39	3.85	42.048	16.24	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, the maximum gain is 2.98 dBi.
3. For U-NII-6, the maximum gain is 2.98 dBi.
4. For U-NII-7, the maximum gain is 3.48 dBi.
5. For U-NII-8, the maximum gain is 3.85 dBi.

802.11be (EHT160)

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	9.97	9.72	19.307	12.86	2.98	38.346	15.84	24	Pass
47	6185	9.98	9.75	19.395	12.88	2.98	38.52	15.86	24	Pass
79	6345	9.95	9.77	19.37	12.87	2.98	38.471	15.85	24	Pass
111	6505	9.85	9.32	18.211	12.60	2.98	36.169	15.58	24	Pass
143	6665	9.98	9.61	19.095	12.81	3.48	42.552	16.29	24	Pass
175	6825	9.86	9.45	18.493	12.67	3.48	41.21	16.15	24	Pass
207	6985	9.89	9.35	18.36	12.64	3.85	44.553	16.49	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, the maximum gain is 2.98 dBi.
3. For U-NII-6, the maximum gain is 2.98 dBi.
4. For U-NII-7, the maximum gain is 3.48 dBi.
5. For U-NII-8, the maximum gain is 3.85 dBi.

802.11be (EHT320)

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							
31	6105	9.63	9.88	18.911	12.77	2.98	37.559	15.75	24	Pass
63	6265	9.98	9.92	19.772	12.96	2.98	39.269	15.94	24	Pass
95	6425	9.95	9.47	18.737	12.73	2.98	37.213	15.71	24	Pass
127	6585	9.95	9.42	18.635	12.70	3.48	41.527	16.18	24	Pass
159	6745	9.82	9.25	18.008	12.55	3.48	40.13	16.03	24	Pass
191	6905	9.95	9.58	18.964	12.78	3.85	46.018	16.63	24	Pass

Notes:

1. Directional gain is the maximum gain of antennas.
2. For U-NII-5, the maximum gain is 2.98 dBi.
3. For U-NII-6, the maximum gain is 2.98 dBi.
4. For U-NII-7, the maximum gain is 3.48 dBi.
5. For U-NII-8, the maximum gain is 3.85 dBi.

7.2 Maximum Power Spectral Density

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

802.11a

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	-9.46	-9.85	-6.64	5.38	-1.26	-1	Pass
45	6175	-9.33	-9.72	-6.51	5.38	-1.13	-1	Pass
93	6415	-9.39	-9.84	-6.60	5.38	-1.22	-1	Pass
97	6435	-9.32	-9.78	-6.53	5.38	-1.15	-1	Pass
105	6475	-9.37	-9.87	-6.60	5.38	-1.22	-1	Pass
113	6515	-9.34	-9.71	-6.51	5.38	-1.13	-1	Pass
117	6535	-10.21	-10.69	-7.43	6.07	-1.36	-1	Pass
149	6695	-10.08	-10.42	-7.24	6.07	-1.17	-1	Pass
181	6855	-10.07	-10.42	-7.23	6.07	-1.16	-1	Pass
185	6875	-10.13	-10.30	-7.20	6.07	-1.13	-1	Pass
209	6995	-9.96	-10.21	-7.07	5.86	-1.21	-1	Pass
233	7115	-9.89	-10.31	-7.08	5.86	-1.22	-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[($10^{Chain0/20}$ + $10^{Chain1/20}$)^2 / 2]
3. For U-NII-5, The directional gain is 5.38 dBi.
4. For U-NII-6, The directional gain is 5.38 dBi.
5. For U-NII-7, The directional gain is 6.07 dBi.
6. For U-NII-8, The directional gain is 5.86 dBi.

802.11be (EHT20)

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	-9.48	-9.91	-6.68	5.38	-1.3	-1	Pass
45	6175	-9.64	-9.83	-6.72	5.38	-1.34	-1	Pass
93	6415	-9.20	-9.98	-6.56	5.38	-1.18	-1	Pass
97	6435	-9.28	-9.97	-6.60	5.38	-1.22	-1	Pass
105	6475	-9.45	-9.75	-6.59	5.38	-1.21	-1	Pass
113	6515	-9.26	-9.99	-6.60	5.38	-1.22	-1	Pass
117	6535	-10.38	-10.94	-7.64	6.07	-1.57	-1	Pass
149	6695	-10.56	-10.59	-7.56	6.07	-1.49	-1	Pass
181	6855	-10.36	-10.71	-7.52	6.07	-1.45	-1	Pass
185	6875	-10.35	-10.68	-7.50	6.07	-1.43	-1	Pass
209	6995	-10.18	-10.36	-7.26	5.86	-1.4	-1	Pass
233	7115	-13.76	-14.72	-11.20	5.86	-5.34	-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 = $10 \log[(10^{Chain0/20} + 10^{Chain1/20})^2 / 2]$
3. For U-NII-5, The directional gain is 5.38 dBi.
4. For U-NII-6, The directional gain is 5.38 dBi.
5. For U-NII-7, The directional gain is 6.07 dBi.
6. For U-NII-8, The directional gain is 5.86 dBi.

802.11be (EHT40)

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	-9.55	-9.47	-6.50	5.38	-1.12	-1	Pass
43	6165	-9.79	-9.42	-6.59	5.38	-1.21	-1	Pass
91	6405	-9.24	-9.70	-6.45	5.38	-1.07	-1	Pass
99	6445	-9.44	-9.57	-6.49	5.38	-1.11	-1	Pass
107	6485	-9.73	-9.56	-6.63	5.38	-1.25	-1	Pass
115	6525	-10.28	-10.69	-7.47	6.07	-1.4	-1	Pass
123	6565	-10.20	-10.61	-7.39	6.07	-1.32	-1	Pass
155	6725	-10.14	-10.56	-7.33	6.07	-1.26	-1	Pass
179	6845	-10.44	-10.43	-7.42	6.07	-1.35	-1	Pass
187	6885	-9.99	-10.04	-7.00	5.86	-1.14	-1	Pass
211	7005	-9.86	-10.31	-7.07	5.86	-1.21	-1	Pass
227	7085	-9.59	-10.30	-6.92	5.86	-1.06	-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 = $10 \log[(10^{Chain0/20} + 10^{Chain1/20})^2 / 2]$
3. For U-NII-5, The directional gain is 5.38 dBi.
4. For U-NII-6, The directional gain is 5.38 dBi.
5. For U-NII-7, The directional gain is 6.07 dBi.
6. For U-NII-8, The directional gain is 5.86 dBi.

802.11be (EHT80)

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	-10.43	-10.75	-7.58	5.38	-2.2	-1	Pass
39	6145	-10.17	-10.99	-7.55	5.38	-2.17	-1	Pass
87	6385	-9.86	-10.84	-7.31	5.38	-1.93	-1	Pass
103	6465	-10.11	-10.45	-7.27	5.38	-1.89	-1	Pass
119	6545	-11.02	-11.53	-8.26	6.07	-2.19	-1	Pass
151	6705	-11.35	-12.17	-8.73	6.07	-2.66	-1	Pass
183	6865	-12.05	-12.85	-9.42	6.07	-3.35	-1	Pass
199	6945	-11.45	-11.58	-8.50	5.86	-2.64	-1	Pass
215	7025	-11.45	-11.90	-8.66	5.86	-2.8	-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[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-5, The directional gain is 5.38 dBi.
4. For U-NII-6, The directional gain is 5.38 dBi.
5. For U-NII-7, The directional gain is 6.07 dBi.
6. For U-NII-8, The directional gain is 5.86 dBi.

802.11be (EHT160)

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	-13.11	-13.14	-10.11	5.38	-4.73	-1	Pass
47	6185	-13.31	-13.63	-10.46	5.38	-5.08	-1	Pass
79	6345	-13.27	-13.59	-10.42	5.38	-5.04	-1	Pass
111	6505	-13.17	-13.49	-10.32	5.38	-4.94	-1	Pass
143	6665	-13.15	-13.38	-10.25	6.07	-4.18	-1	Pass
175	6825	-13.29	-13.57	-10.42	6.07	-4.35	-1	Pass
207	6985	-13.32	-13.62	-10.46	5.86	-4.6	-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[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-5, The directional gain is 5.38 dBi.
4. For U-NII-6, The directional gain is 5.38 dBi.
5. For U-NII-7, The directional gain is 6.07 dBi.
6. For U-NII-8, The directional gain is 5.86 dBi.

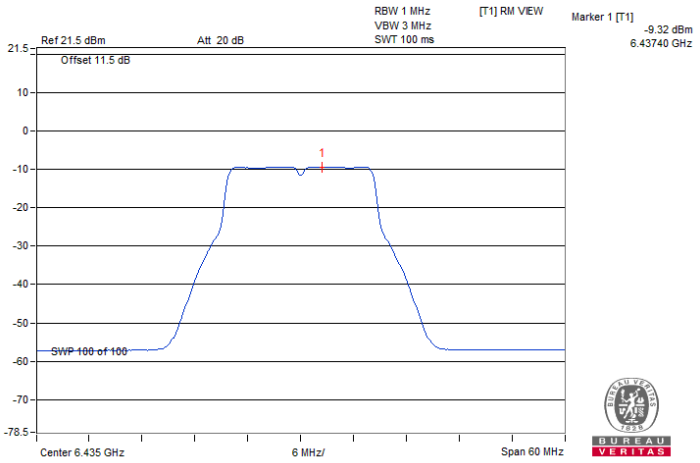
802.11be (EHT320)

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					
31	6105	-15.57	-15.46	-12.50	5.38	-7.12	-1	Pass
63	6265	-15.27	-15.32	-12.28	5.38	-6.9	-1	Pass
95	6425	-15.33	-15.79	-12.54	5.38	-7.16	-1	Pass
127	6585	-15.31	-15.84	-12.56	6.07	-6.49	-1	Pass
159	6745	-15.37	-16.09	-12.70	6.07	-6.63	-1	Pass
191	6905	-15.31	-15.62	-12.45	5.86	-6.59	-1	Pass

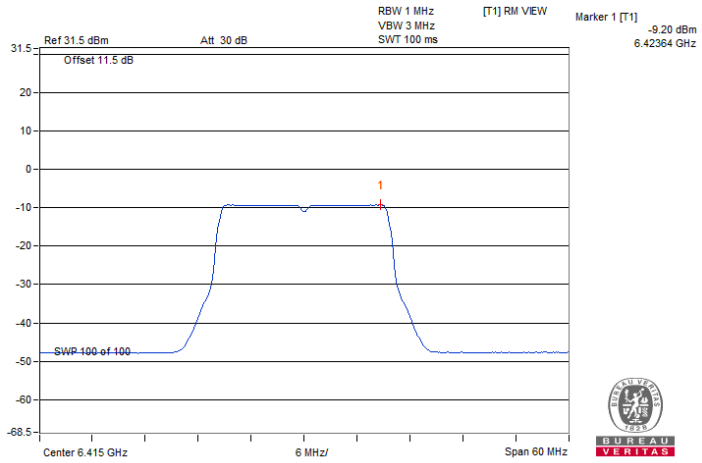
Notes:

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[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-5, The directional gain is 5.38 dBi.
4. For U-NII-6, The directional gain is 5.38 dBi.
5. For U-NII-7, The directional gain is 6.07 dBi.
6. For U-NII-8, The directional gain is 5.86 dBi.

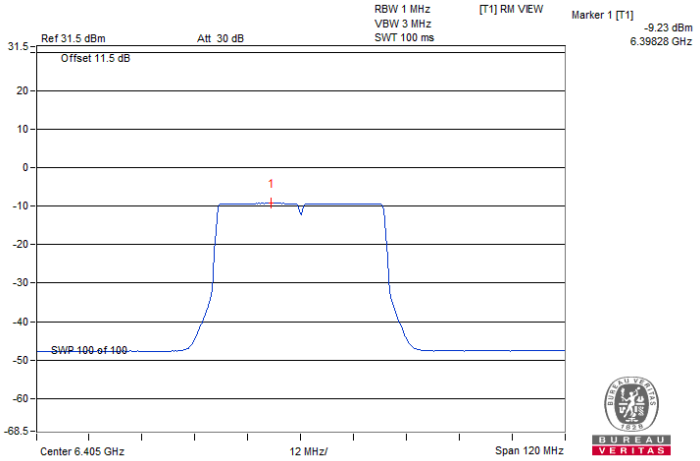
Spectrum Plot of Maximum Value



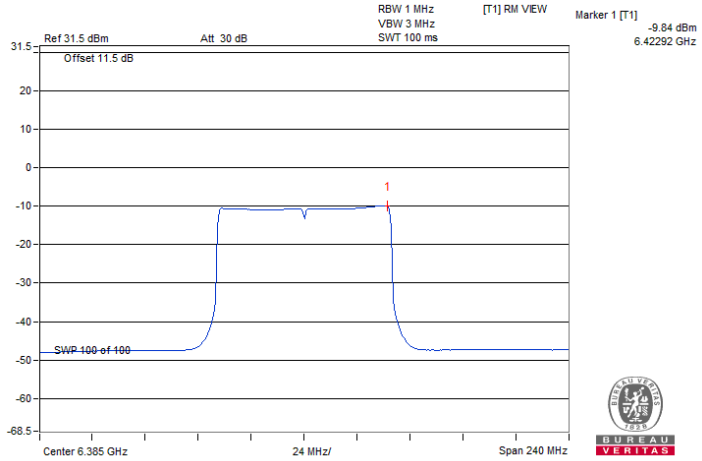
802.11a / Chain 0 : CH 97



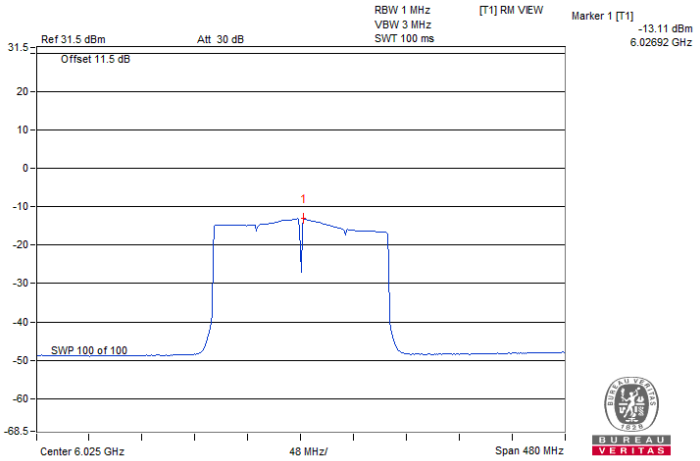
802.11be (EHT20) / Chain 0 : CH 93



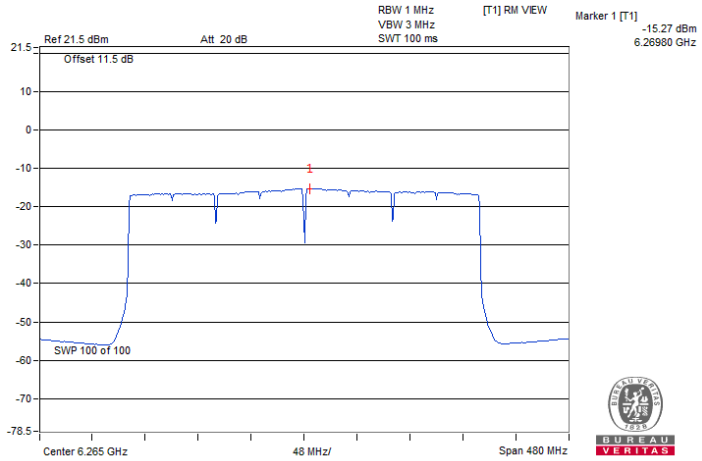
802.11be (EHT40) / Chain 0 : CH 91



802.11be (EHT80) / Chain 0 : CH 87



802.11be (EHT160) / Chain 0 : CH 15



802.11be (EHT320) / Chain 0 : CH 63

7.3 Emission Bandwidth

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	23.45	23.49	320	Pass
45	6175	23.51	23.41	320	Pass
93	6415	23.83	23.78	320	Pass
97	6435	23.51	23.47	320	Pass
105	6475	23.55	23.54	320	Pass
113	6515	23.56	23.39	320	Pass
117	6535	23.73	23.47	320	Pass
149	6695	23.70	23.56	320	Pass
181	6855	23.69	23.56	320	Pass
185	6875	23.65	23.60	320	Pass
209	6995	23.69	23.43	320	Pass
233	7115	23.51	23.67	320	Pass

802.11be (EHT20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
1	5955	23.92	23.57	320	Pass
45	6175	23.39	23.47	320	Pass
93	6415	23.54	23.49	320	Pass
97	6435	23.61	23.40	320	Pass
105	6475	23.72	23.47	320	Pass
113	6515	23.76	23.33	320	Pass
117	6535	23.81	23.58	320	Pass
149	6695	23.80	23.45	320	Pass
181	6855	23.70	23.77	320	Pass
185	6875	23.37	23.60	320	Pass
209	6995	23.74	23.21	320	Pass
233	7115	23.84	23.80	320	Pass

802.11be (EHT40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
3	5965	45.85	44.75	320	Pass
43	6165	44.59	44.75	320	Pass
91	6405	44.18	44.62	320	Pass
99	6445	44.29	44.36	320	Pass
107	6485	44.50	44.98	320	Pass
115	6525	44.25	45.68	320	Pass
123	6565	44.39	44.53	320	Pass
155	6725	44.73	44.69	320	Pass
179	6845	44.54	45.19	320	Pass
187	6885	45.08	44.61	320	Pass
211	7005	44.60	44.43	320	Pass
227	7085	44.95	45.53	320	Pass

802.11be (EHT80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
7	5985	89.65	90.20	320	Pass
39	6145	88.94	89.60	320	Pass
87	6385	90.44	91.11	320	Pass
103	6465	89.40	90.11	320	Pass
119	6545	90.46	90.23	320	Pass
151	6705	90.11	90.71	320	Pass
183	6865	89.65	90.13	320	Pass
199	6945	90.79	89.98	320	Pass
215	7025	89.89	90.18	320	Pass

802.11be (EHT160)

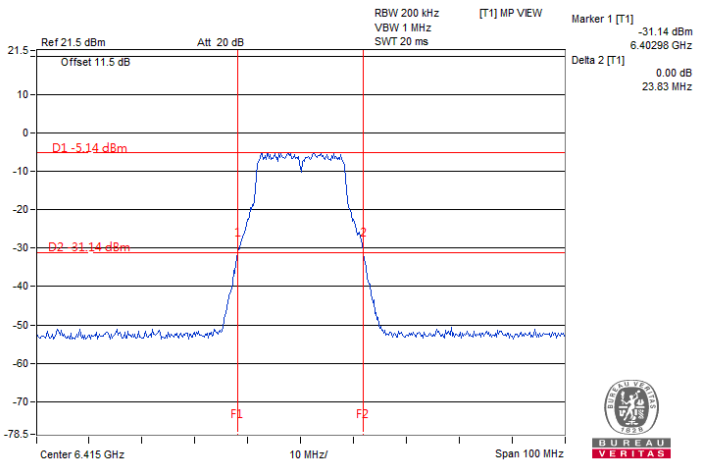
Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
15	6025	174.06	175.52	320	Pass
47	6185	175.83	177.70	320	Pass
79	6345	173.56	177.41	320	Pass
111	6505	174.57	176.78	320	Pass
143	6665	171.91	176.35	320	Pass
175	6825	176.12	176.19	320	Pass
207	6985	175.05	176.42	320	Pass

802.11be (EHT320)

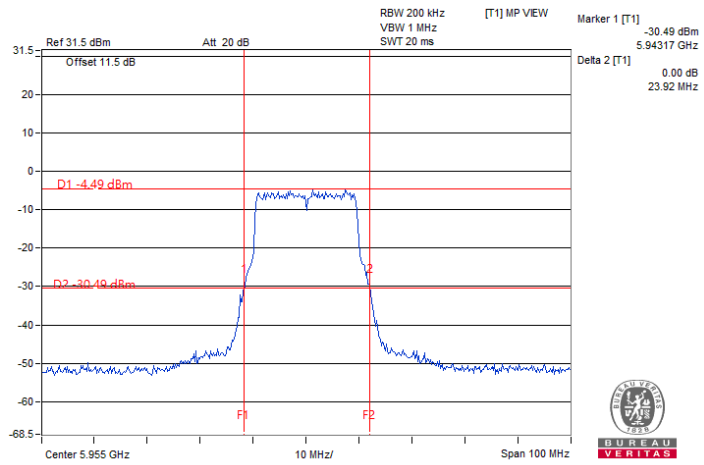
Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1		
31	6105	332.61	331.91	320	Note
63	6265	333.55	335.33	320	Note
95	6425	334.58	332.39	320	Note
127	6585	335.30	331.68	320	Note
159	6745	335.40	331.80	320	Note
191	6905	333.12	335.02	320	Note

Note: For channels with a nominal bandwidth of 320 MHz, compliance is demonstrated by way of the 99% BW.

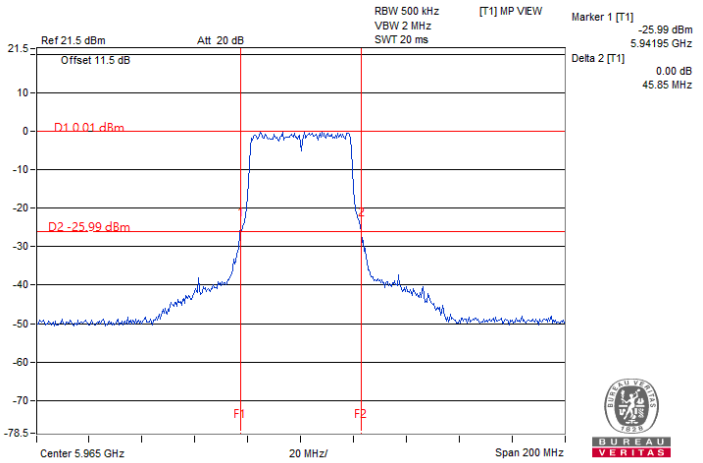
Spectrum Plot of Maximum Value



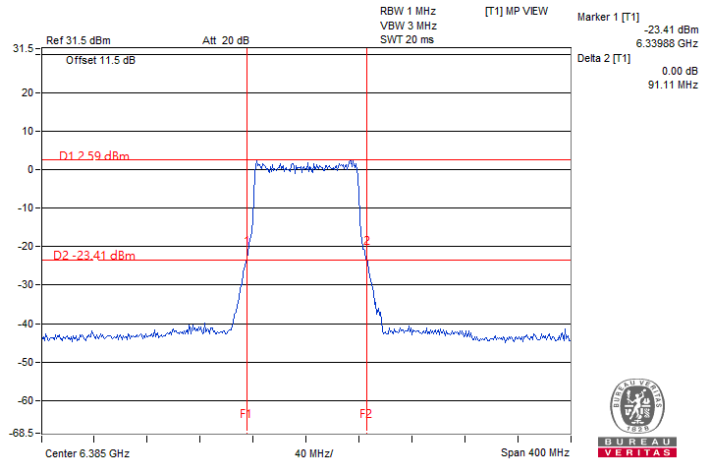
802.11a / Chain 0 : CH 93



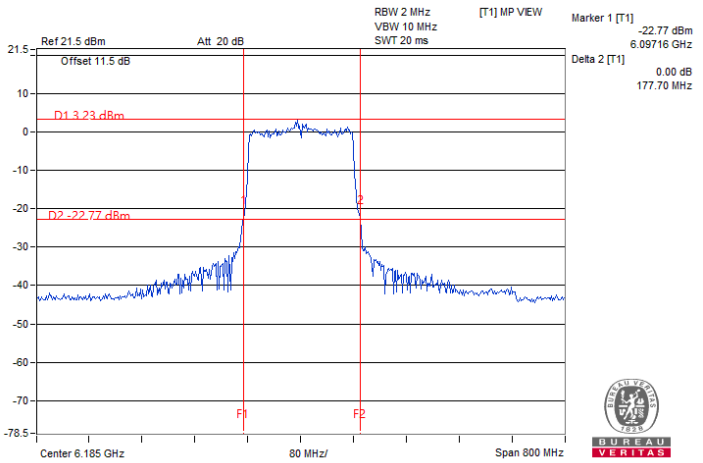
802.11be (EHT20) / Chain 0 : CH 1



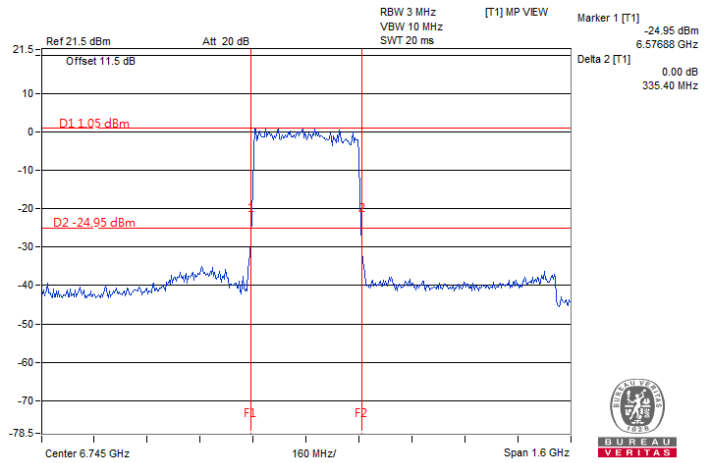
802.11be (EHT40) / Chain 0 : CH 3



802.11be (EHT80) / Chain 1 : CH 87



802.11be (EHT160) / Chain 1 : CH 47

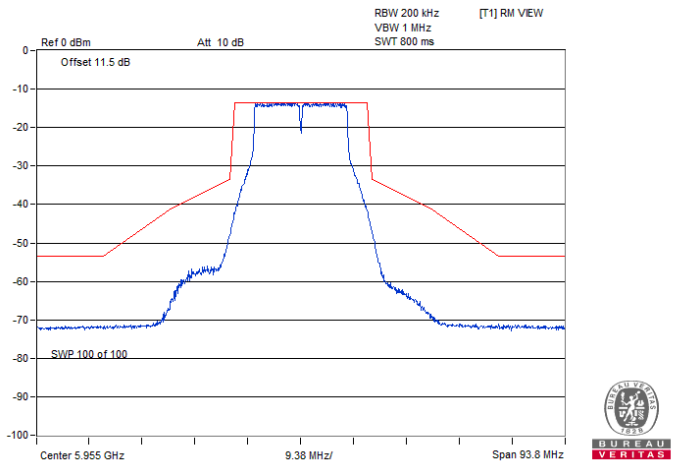
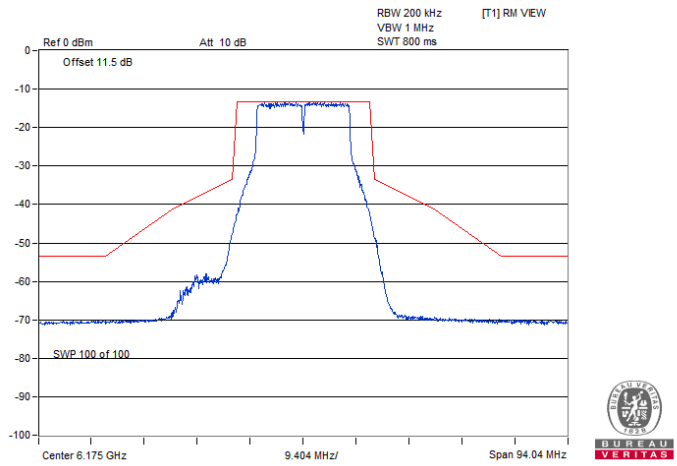
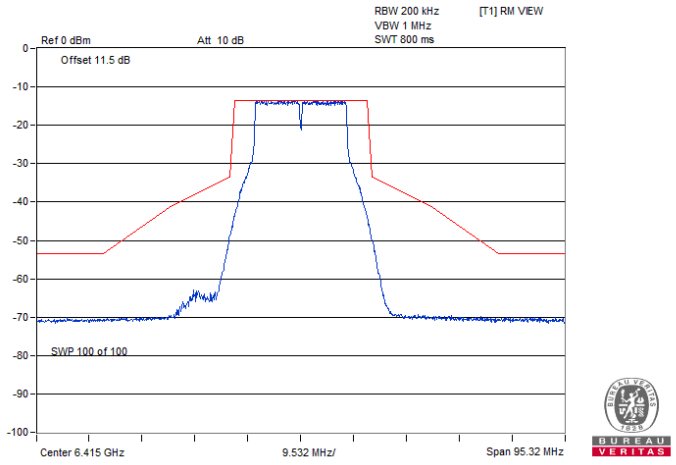
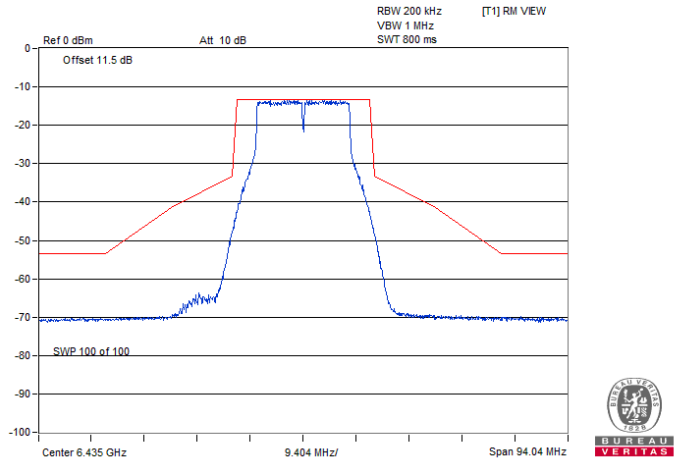
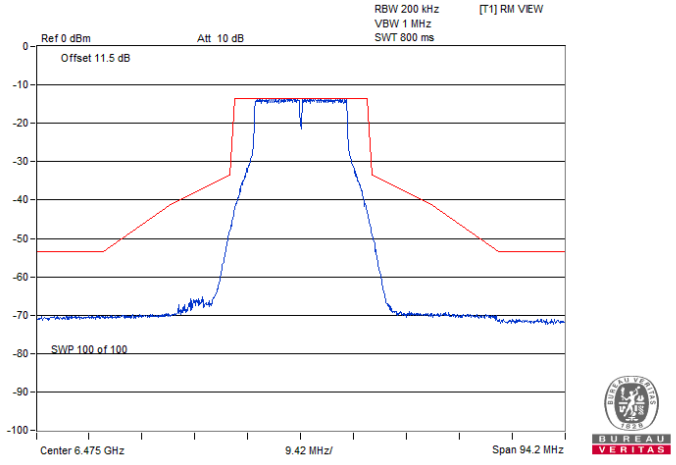
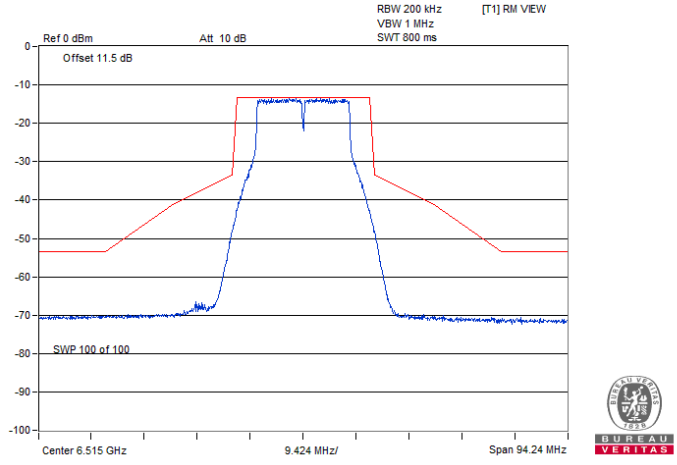


802.11be (EHT320) / Chain 0 : CH 159

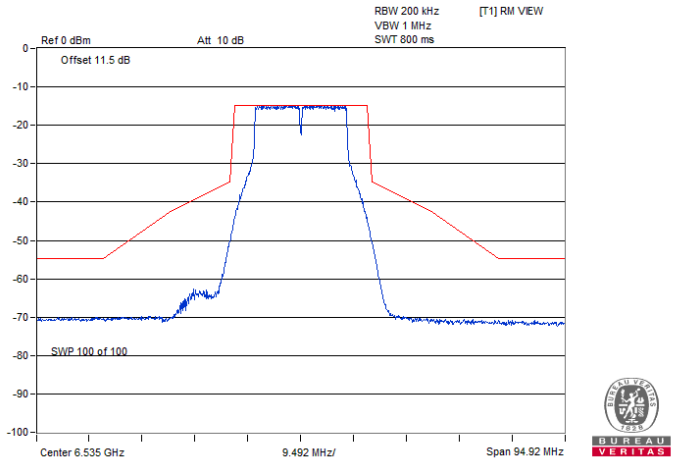
7.4 In-Band Emission Mask

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

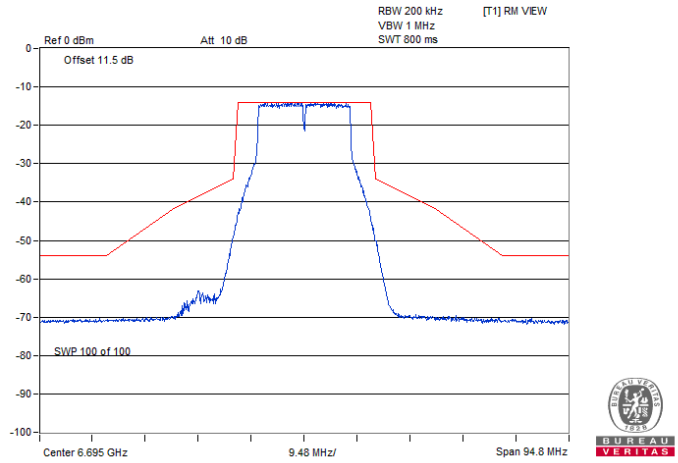
802.11a

Spectrum Plot	
	
802.11a / Chain 0 : CH 1	802.11a / Chain 0 : CH 45
	
802.11a / Chain 0 : CH 93	802.11a / Chain 0 : CH 97
	
802.11a / Chain 0 : CH 105	802.11a / Chain 0 : CH 113

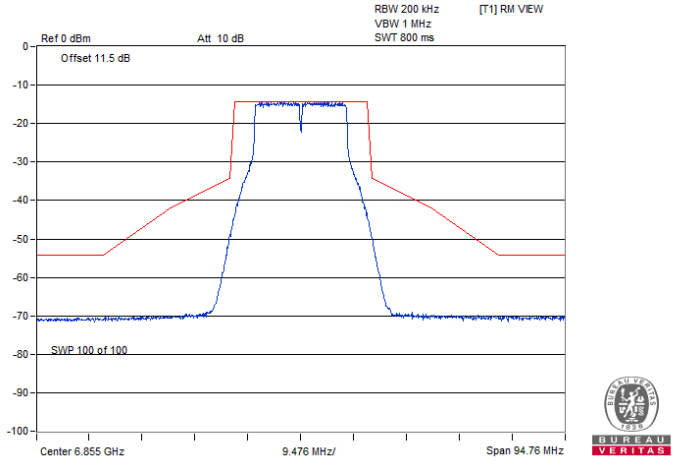
Spectrum Plot



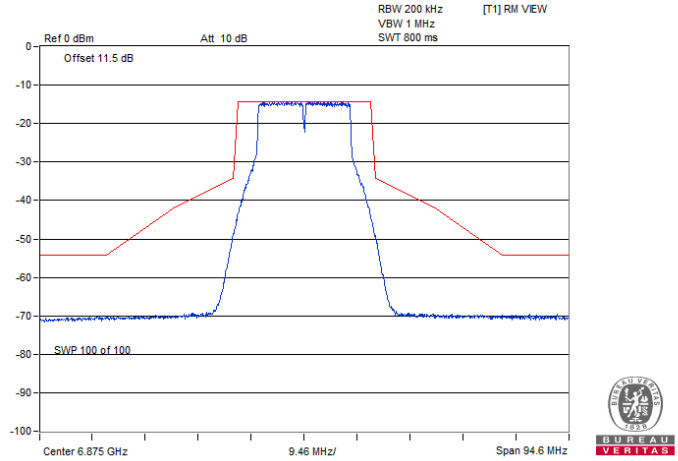
802.11a / Chain 0 : CH 117



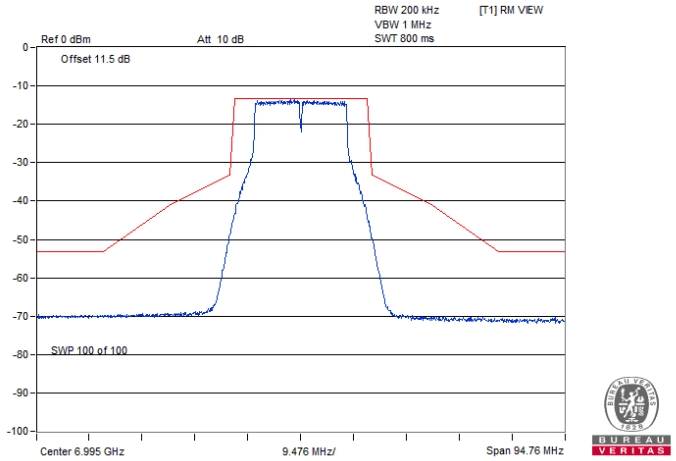
802.11a / Chain 0 : CH 149



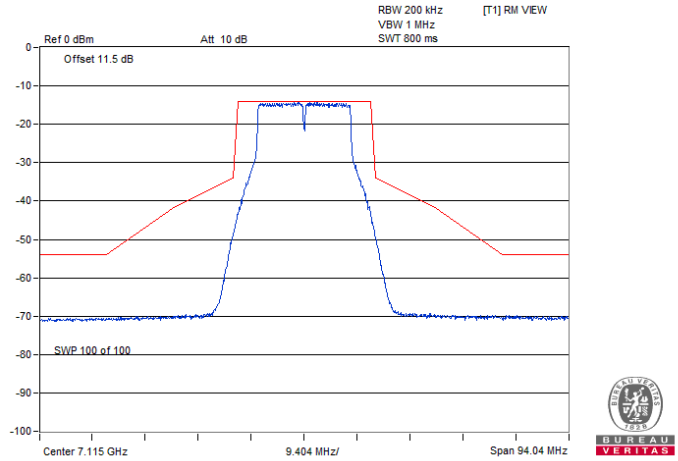
802.11a / Chain 0 : CH 181



802.11a / Chain 0 : CH 185

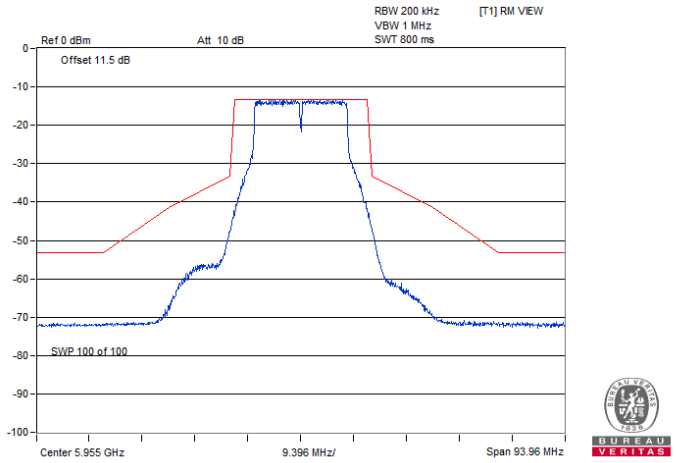


802.11a / Chain 0 : CH 209

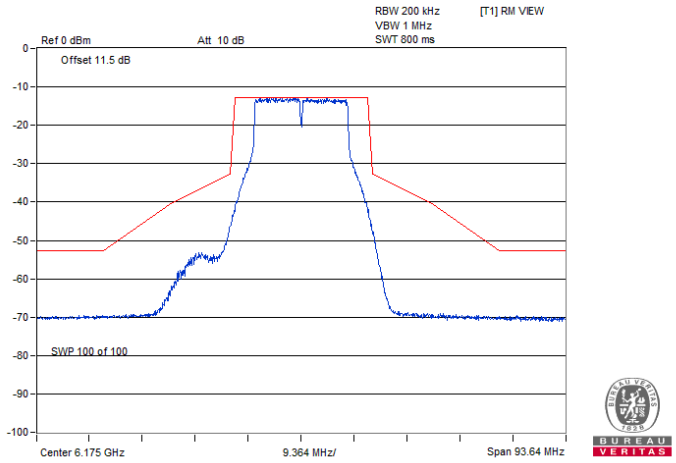


802.11a / Chain 0 : CH 233

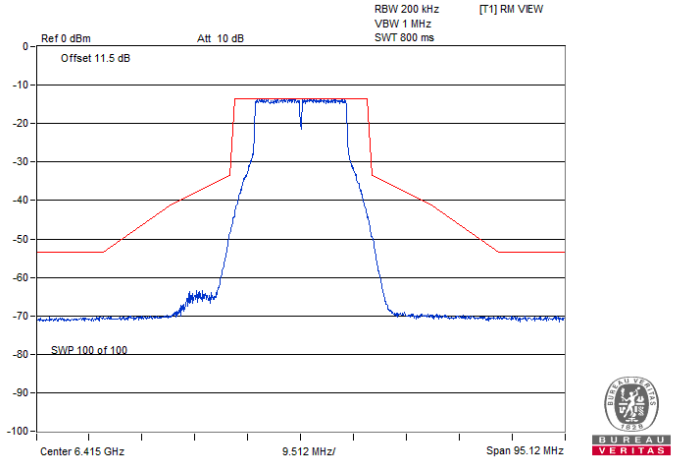
Spectrum Plot



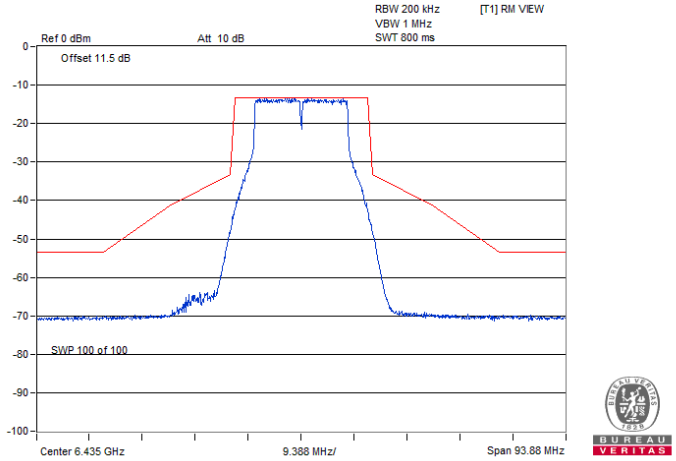
802.11a / Chain 1 : CH 1



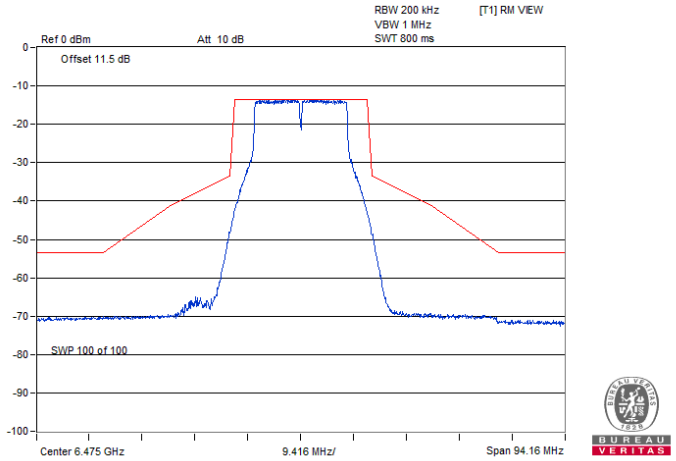
802.11a / Chain 1 : CH 45



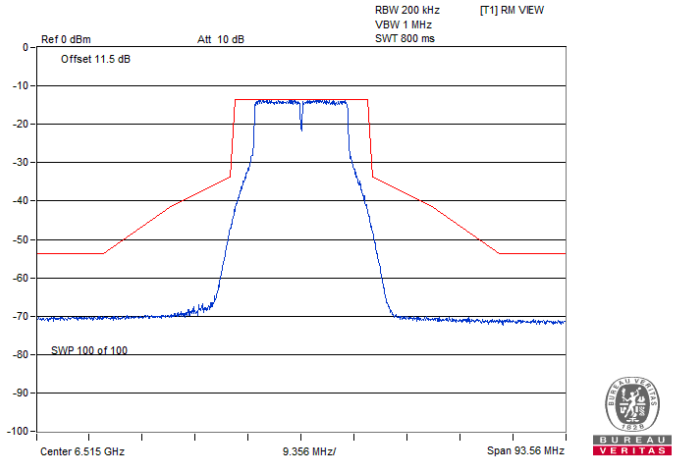
802.11a / Chain 1 : CH 93



802.11a / Chain 1 : CH 97

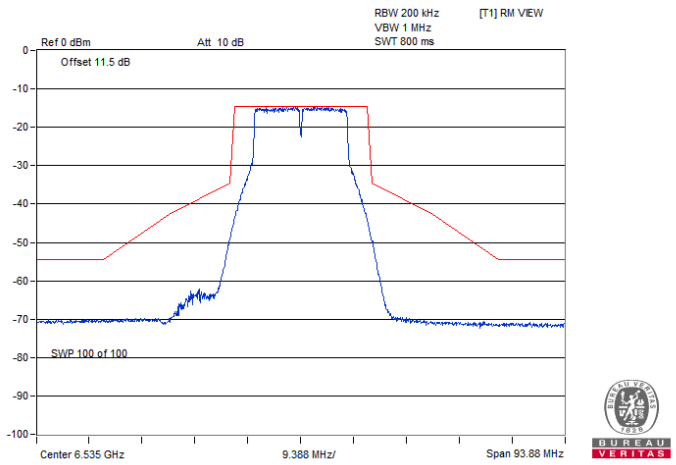


802.11a / Chain 1 : CH 105

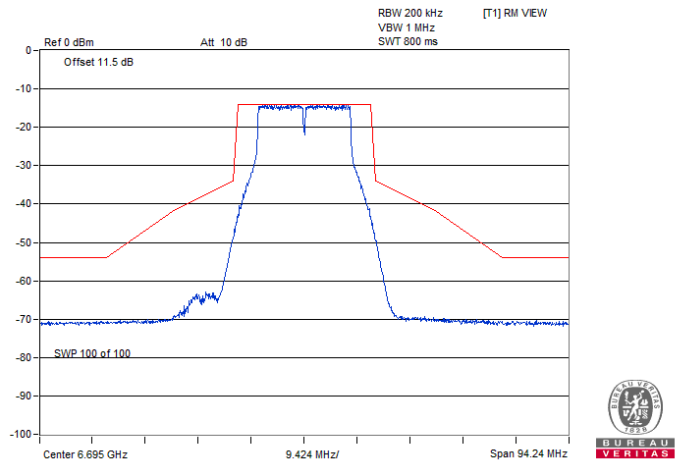


802.11a / Chain 1 : CH 113

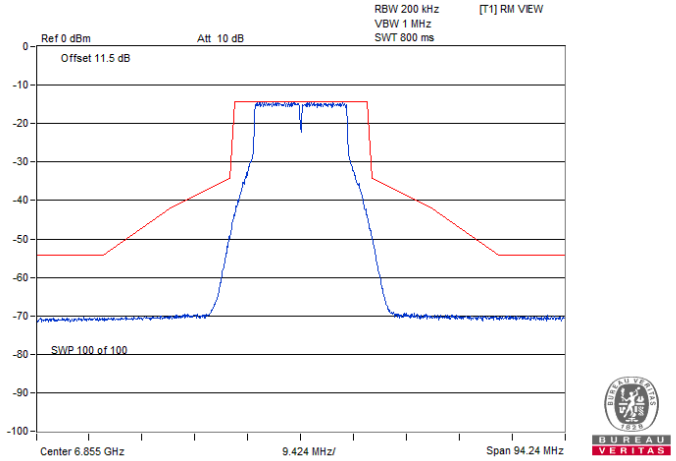
Spectrum Plot



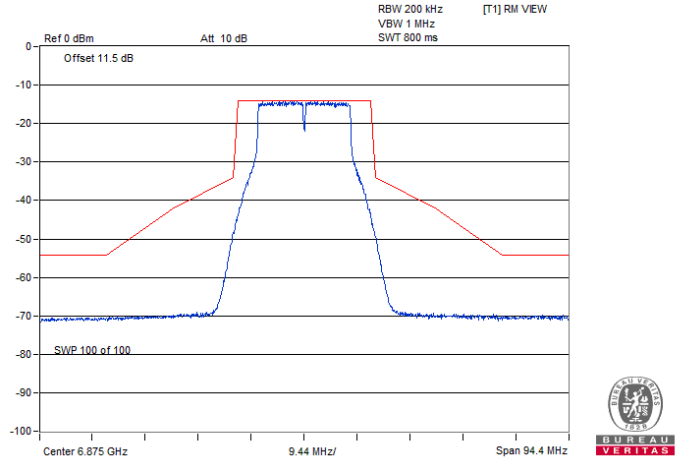
802.11a / Chain 1 : CH 117



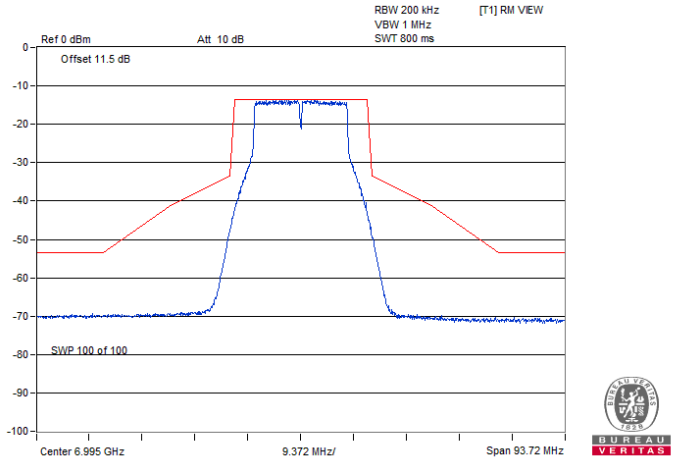
802.11a / Chain 1 : CH 149



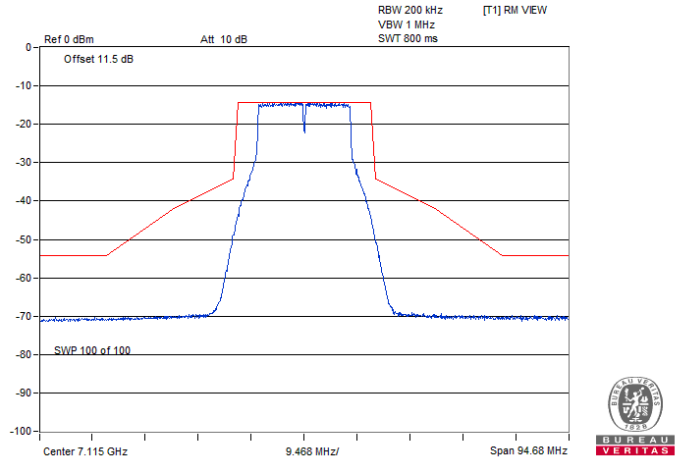
802.11a / Chain 1 : CH 181



802.11a / Chain 1 : CH 185

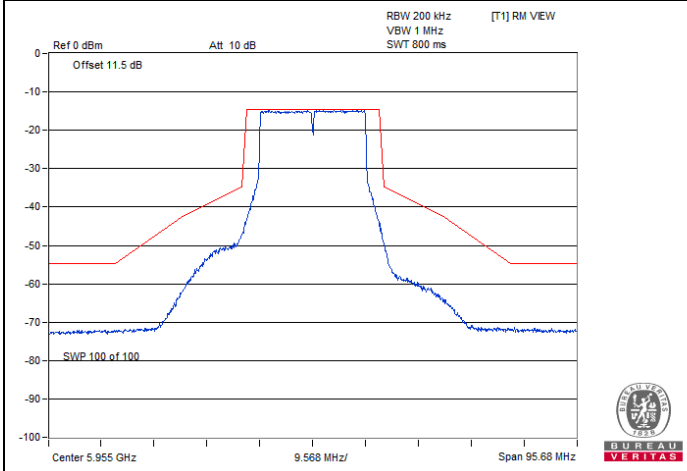
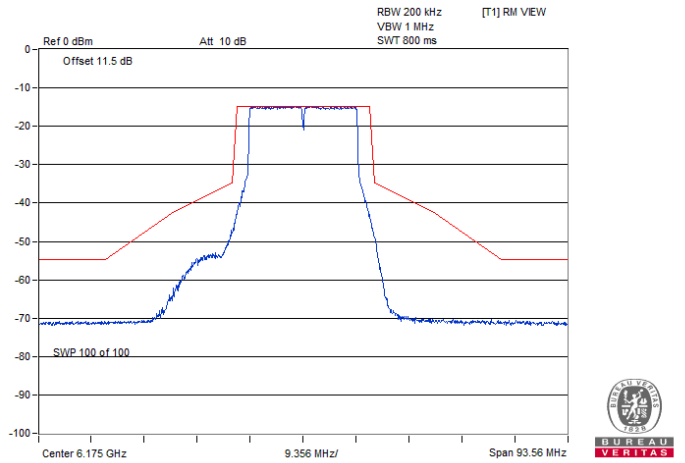
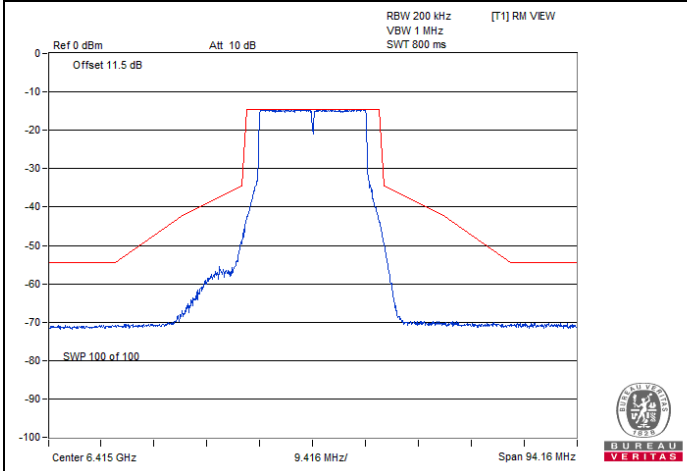
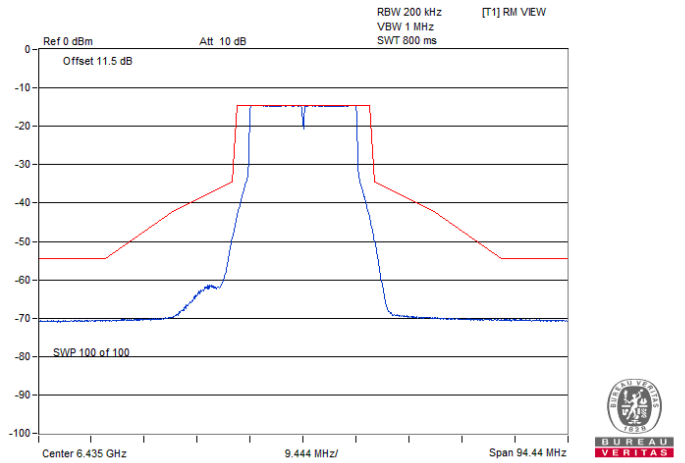
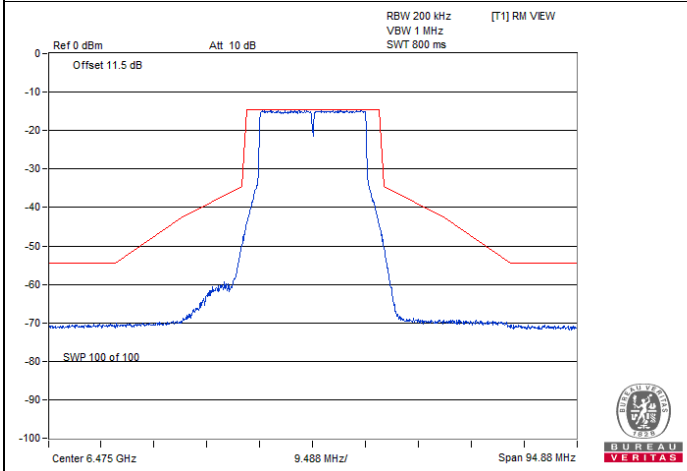
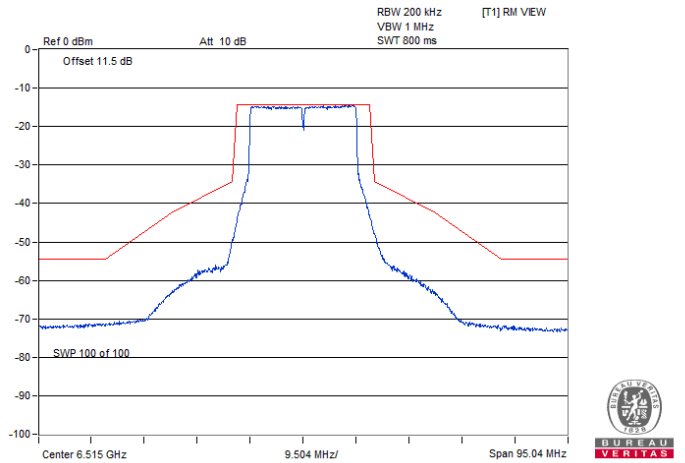


802.11a / Chain 1 : CH 209

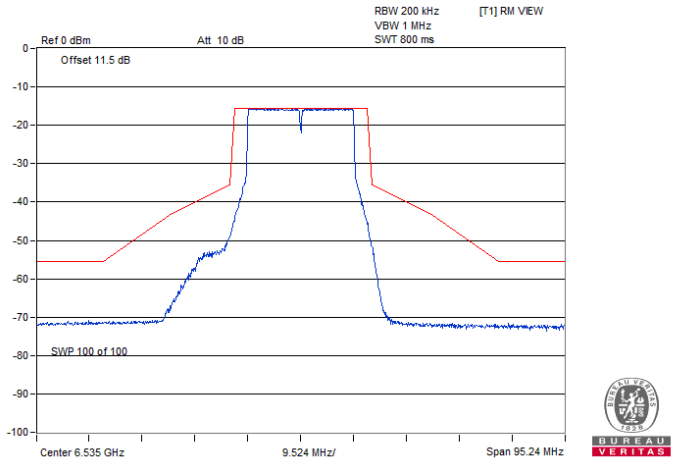


802.11a / Chain 1 : CH 233

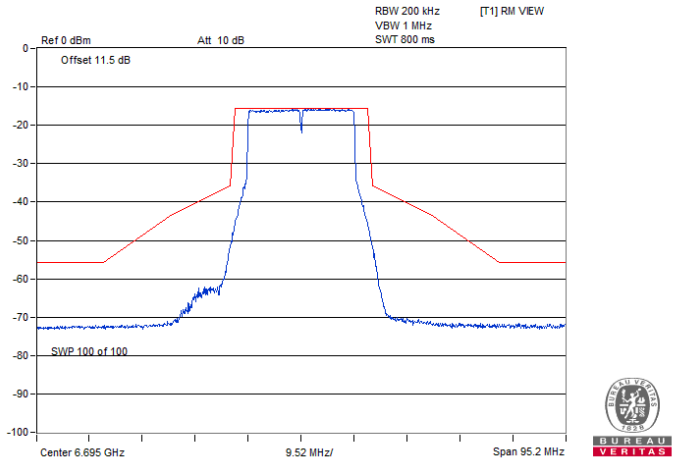
802.11be (EHT20)

Spectrum Plot	
	
802.11be (EHT20) / Chain 0 : CH 1	802.11be (EHT20) / Chain 0 : CH 45
	
802.11be (EHT20) / Chain 0 : CH 93	802.11be (EHT20) / Chain 0 : CH 97
	
802.11be (EHT20) / Chain 0 : CH 105	802.11be (EHT20) / Chain 0 : CH 113

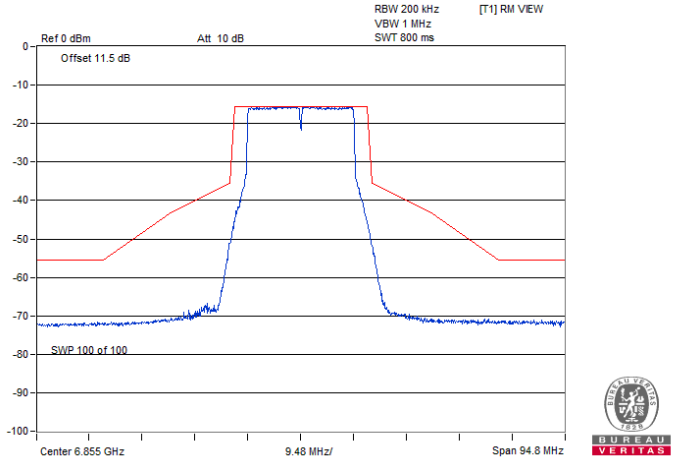
Spectrum Plot



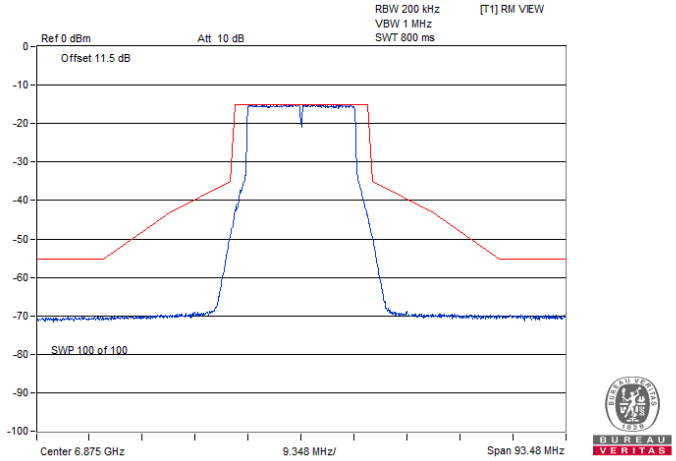
802.11be (EHT20) / Chain 0 : CH 117



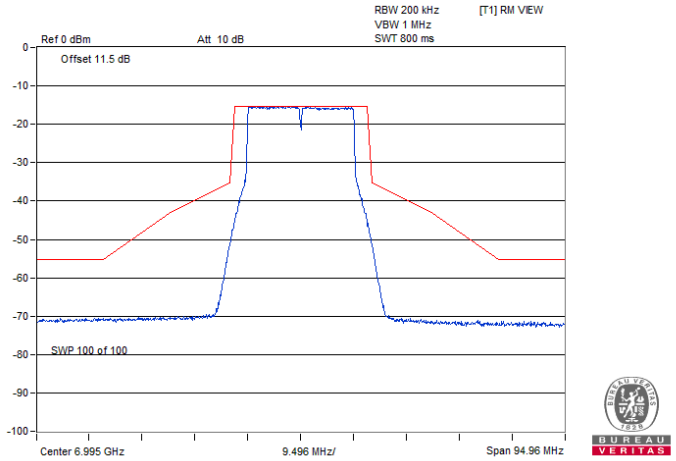
802.11be (EHT20) / Chain 0 : CH 149



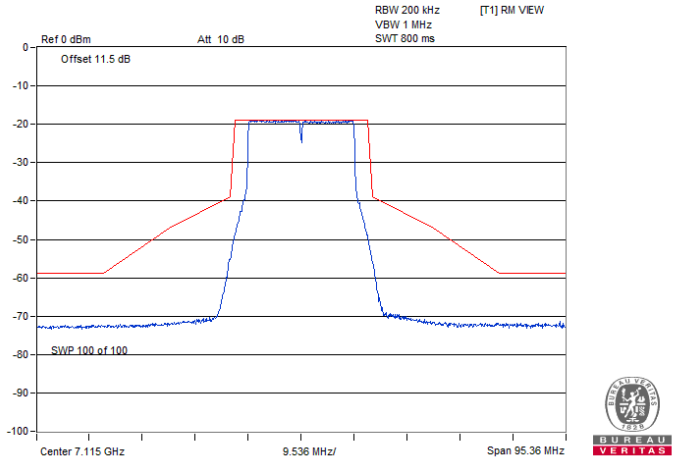
802.11be (EHT20) / Chain 0 : CH 181



802.11be (EHT20) / Chain 0 : CH 185

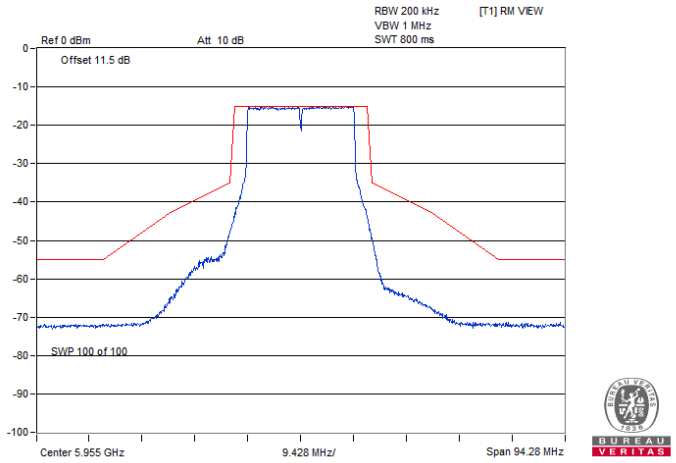


802.11be (EHT20) / Chain 0 : CH 209

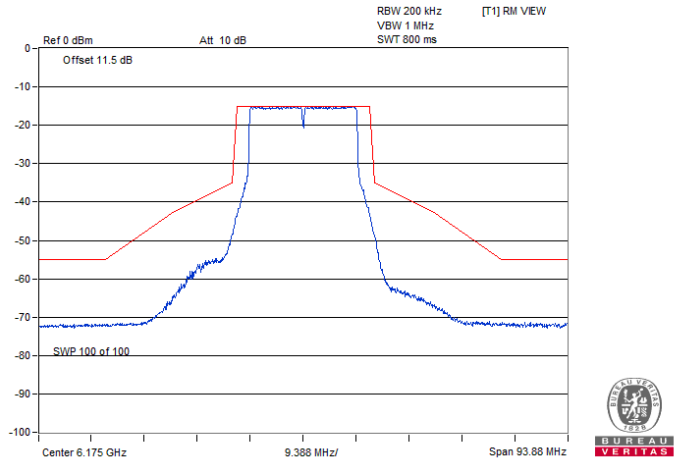


802.11be (EHT20) / Chain 0 : CH 233

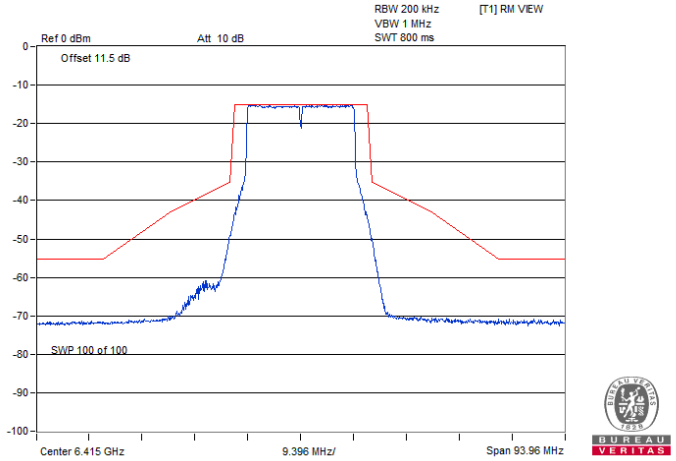
Spectrum Plot



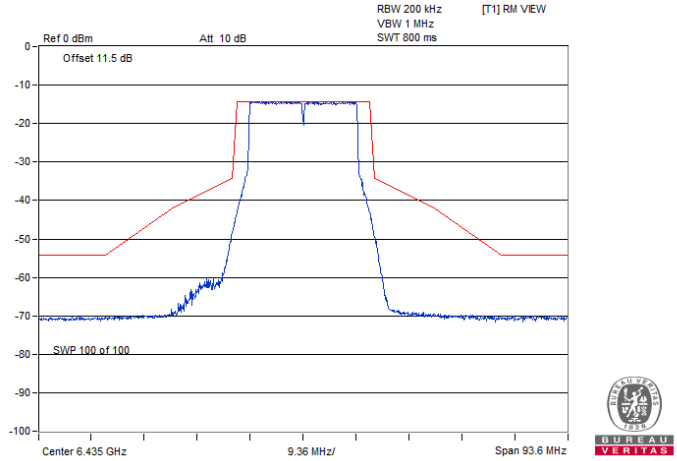
802.11be (EHT20) / Chain 1 : CH 1



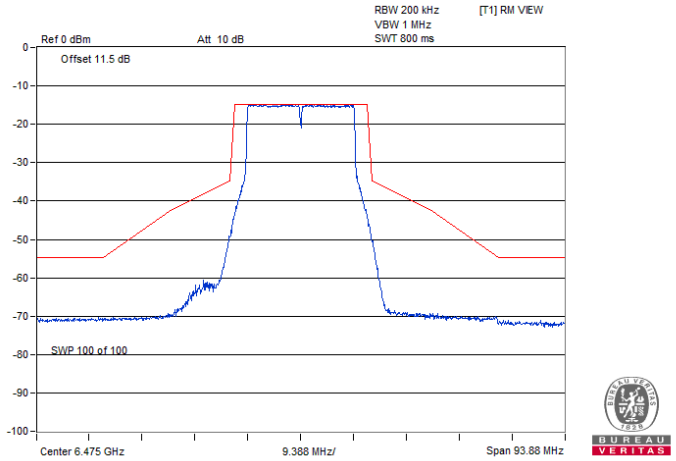
802.11be (EHT20) / Chain 1 : CH 45



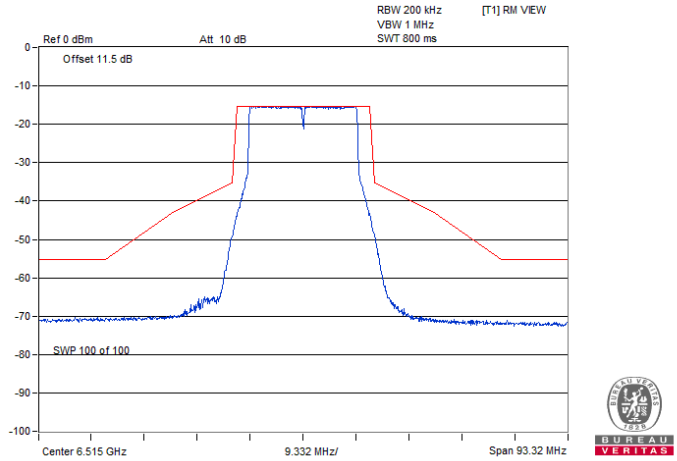
802.11be (EHT20) / Chain 1 : CH 93



802.11be (EHT20) / Chain 1 : CH 97

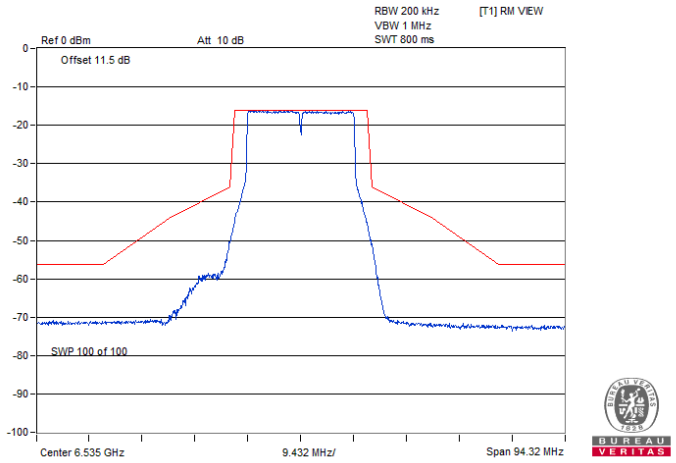


802.11be (EHT20) / Chain 1 : CH 105

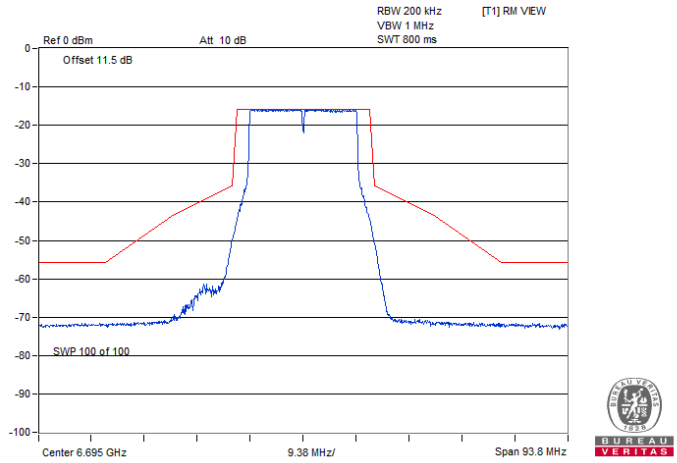


802.11be (EHT20) / Chain 1 : CH 113

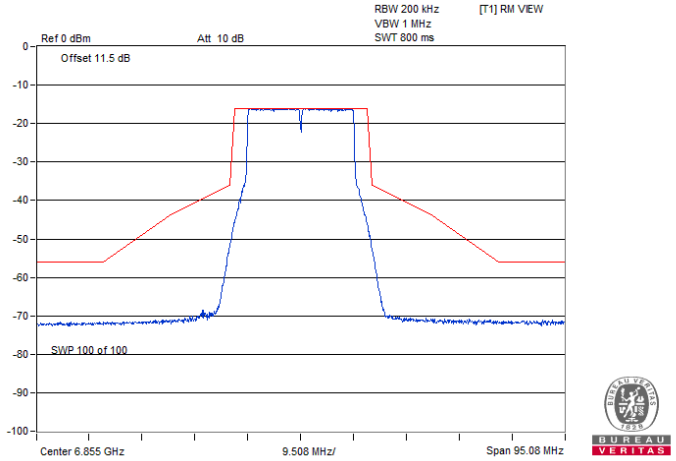
Spectrum Plot



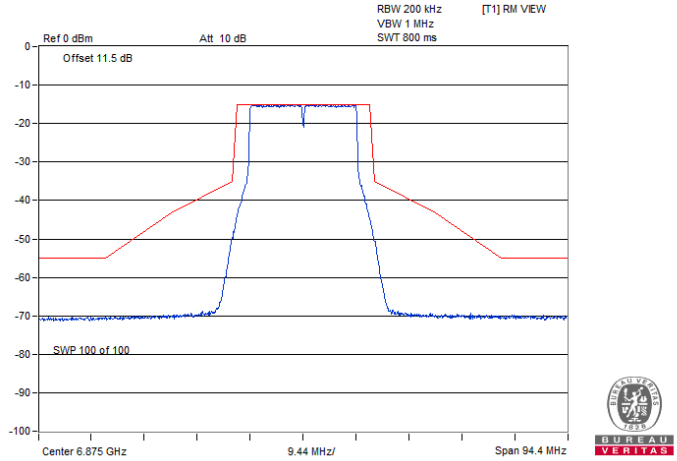
802.11be (EHT20) / Chain 1 : CH 117



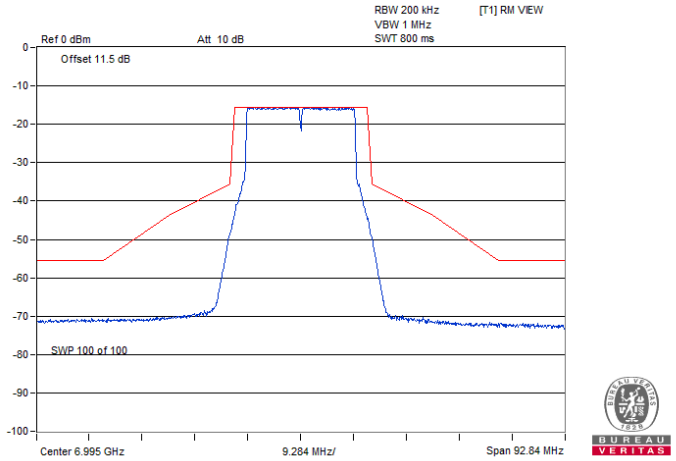
802.11be (EHT20) / Chain 1 : CH 149



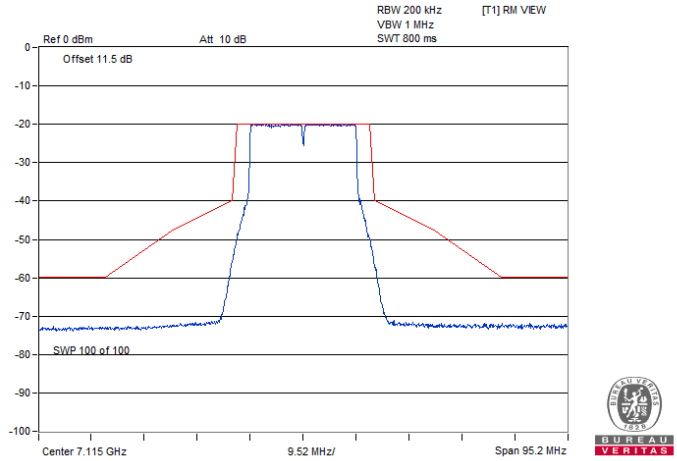
802.11be (EHT20) / Chain 1 : CH 181



802.11be (EHT20) / Chain 1 : CH 185

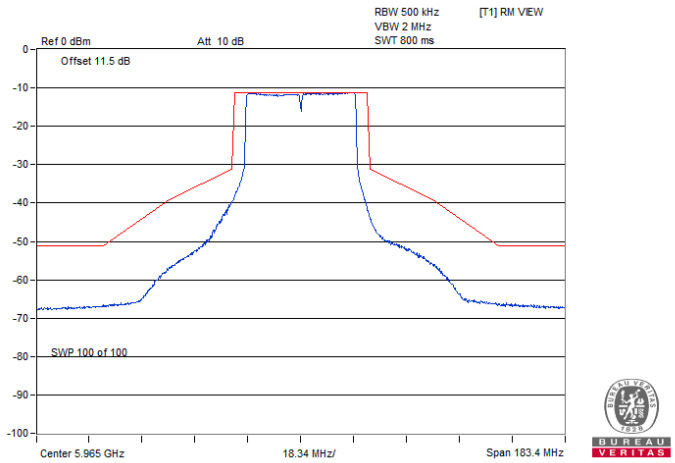
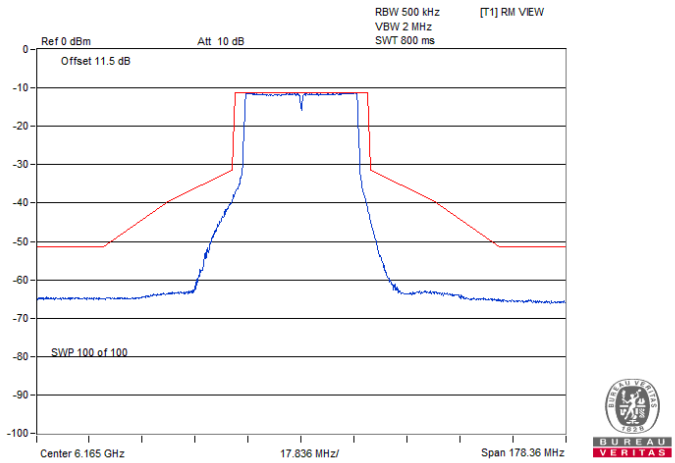
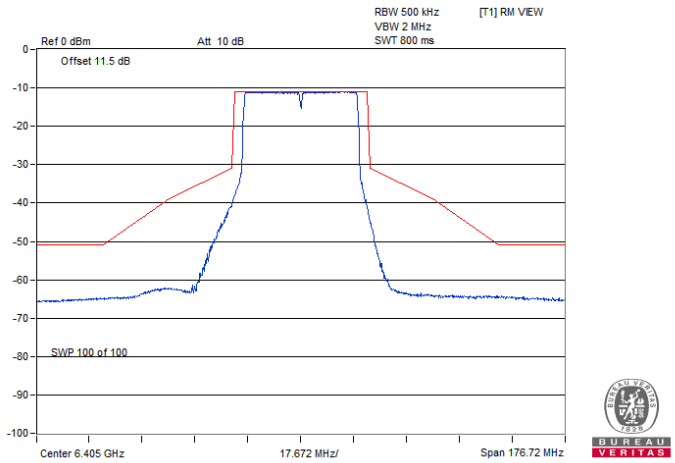
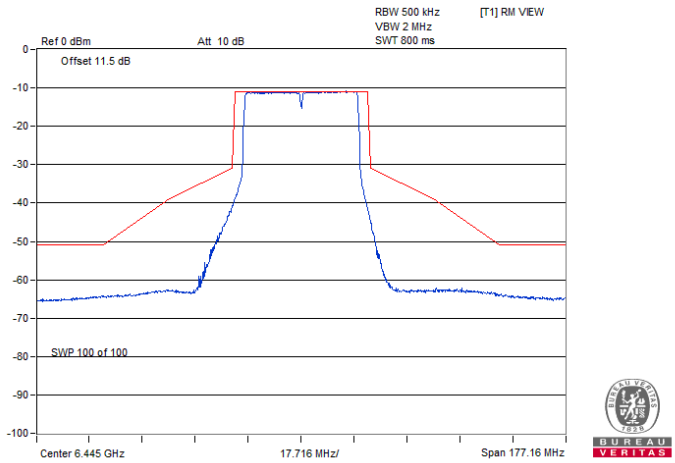
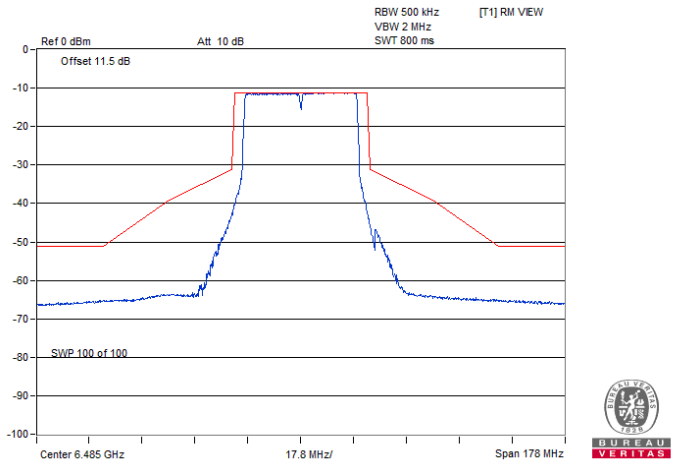
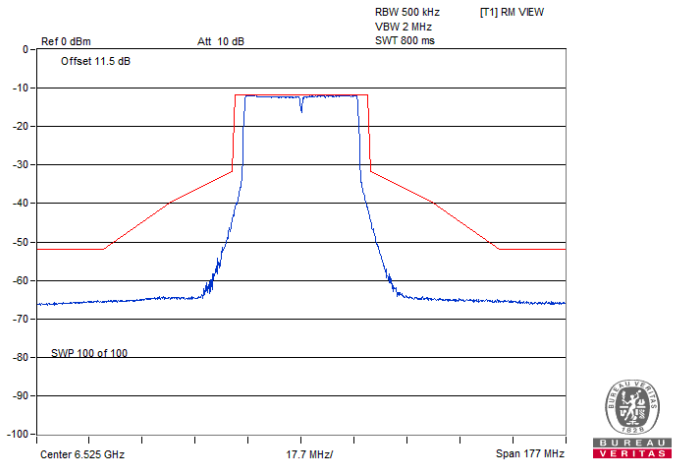


802.11be (EHT20) / Chain 1 : CH 209

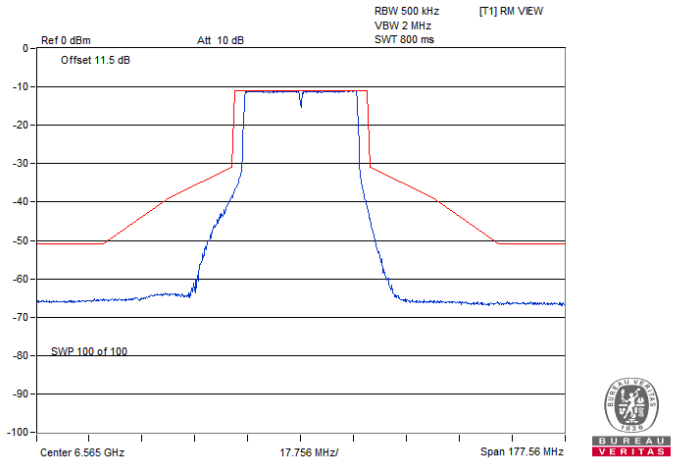


802.11be (EHT20) / Chain 1 : CH 233

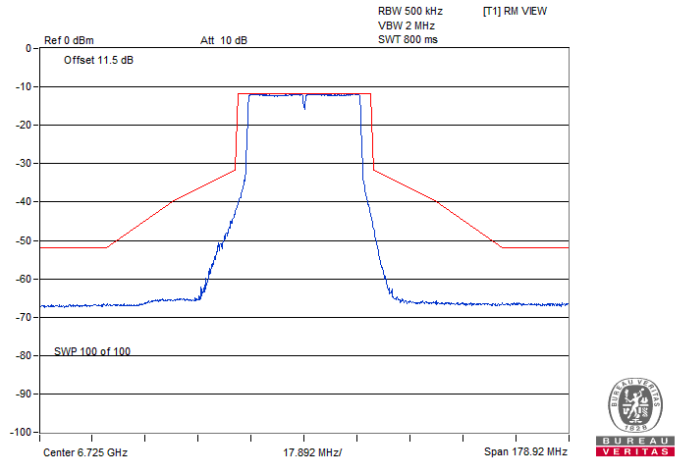
802.11be (EHT40)

Spectrum Plot	
	
802.11be (EHT40) / Chain 0 : CH 3	802.11be (EHT40) / Chain 0 : CH 43
	
802.11be (EHT40) / Chain 0 : CH 91	802.11be (EHT40) / Chain 0 : CH 99
	
802.11be (EHT40) / Chain 0 : CH 107	802.11be (EHT40) / Chain 0 : CH 115

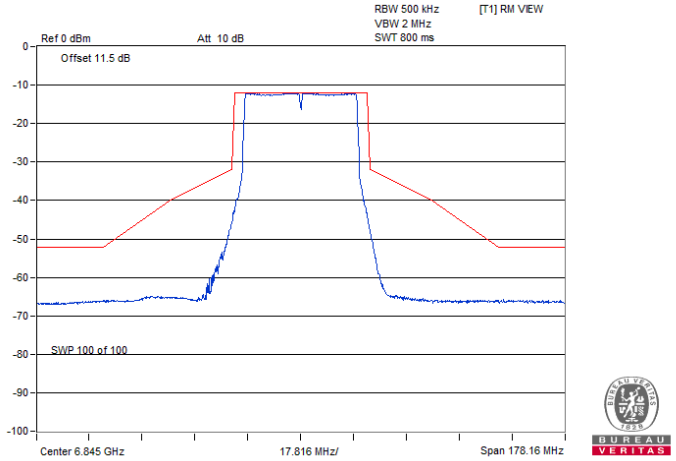
Spectrum Plot



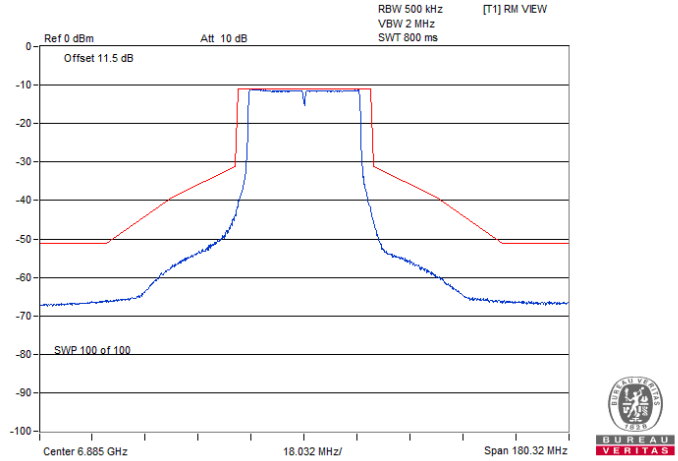
802.11be (EHT40) / Chain 0 : CH 123



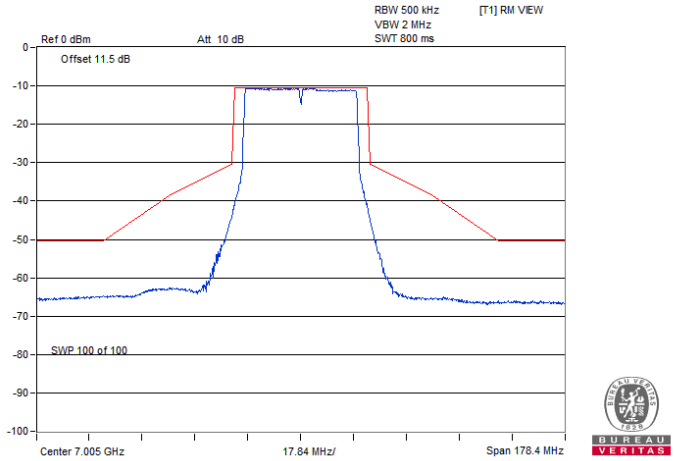
802.11be (EHT40) / Chain 0 : CH 155



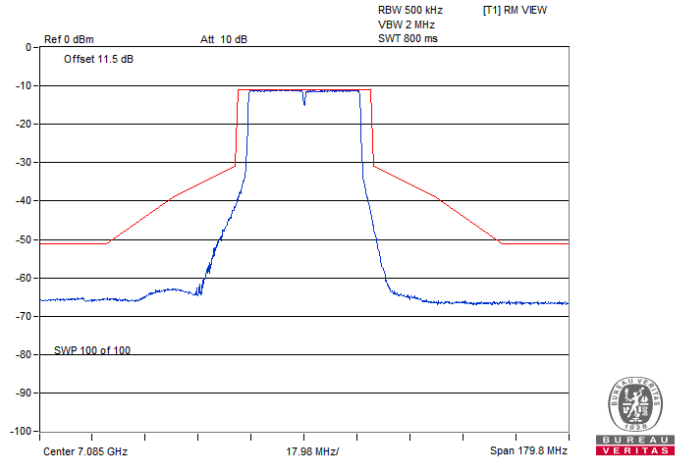
802.11be (EHT40) / Chain 0 : CH 179



802.11be (EHT40) / Chain 0 : CH 187

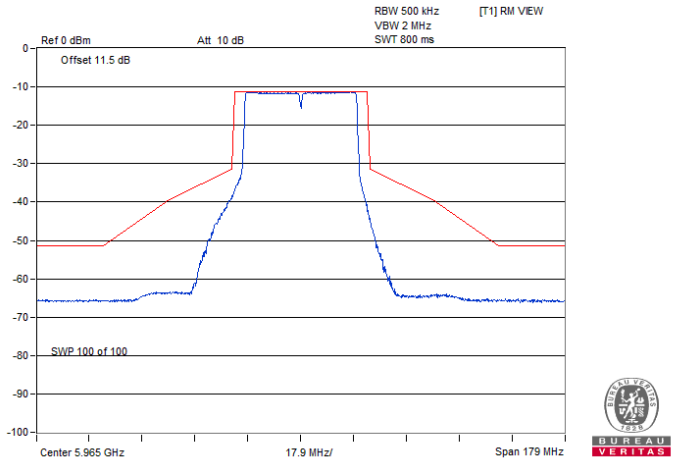


802.11be (EHT40) / Chain 0 : CH 211

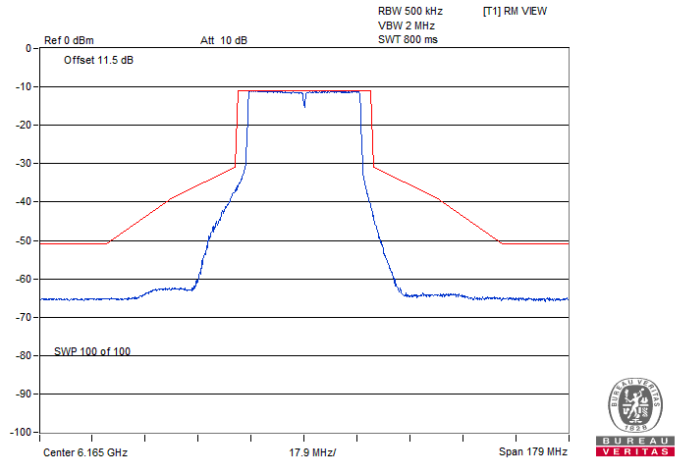


802.11be (EHT40) / Chain 0 : CH 227

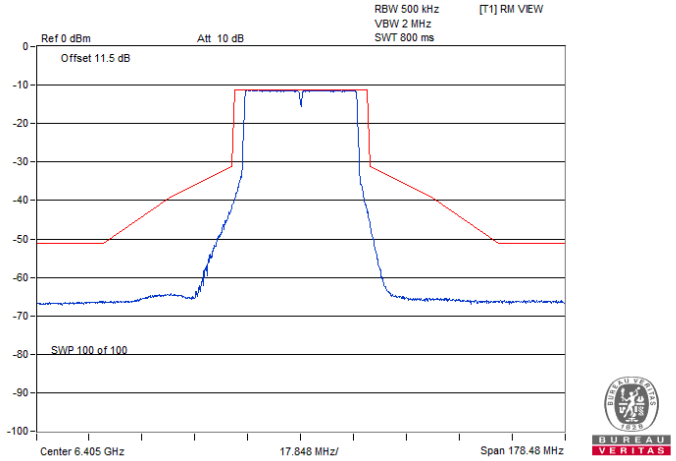
Spectrum Plot



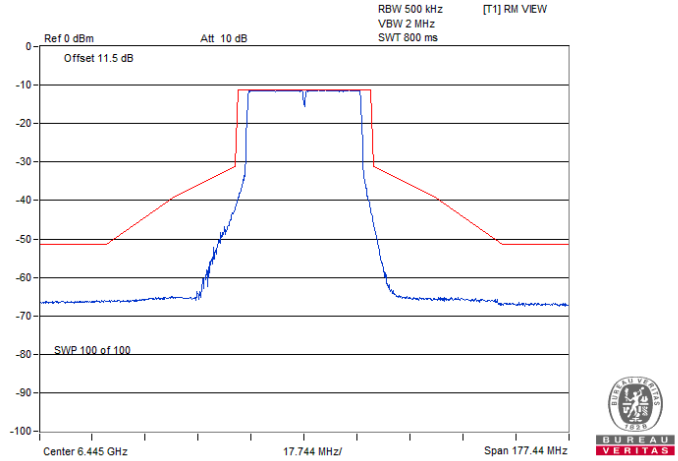
802.11be (EHT40) / Chain 1 : CH 3



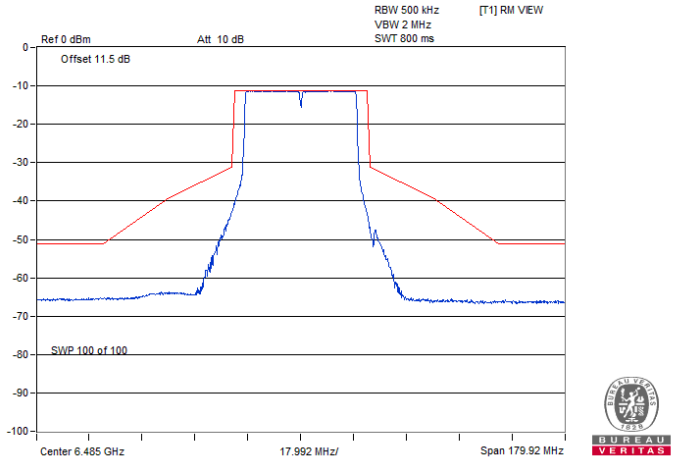
802.11be (EHT40) / Chain 1 : CH 43



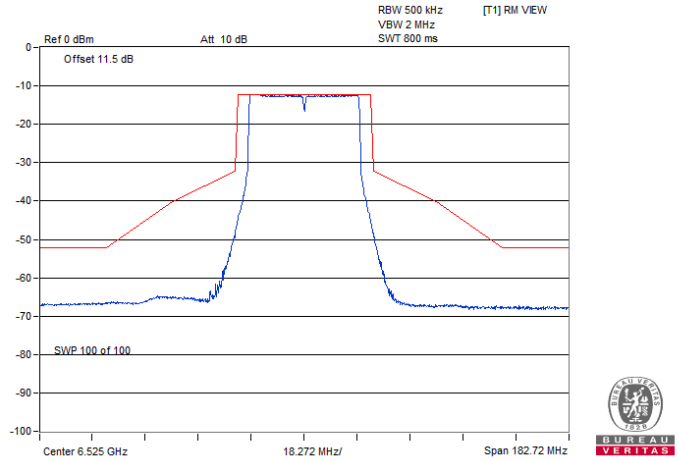
802.11be (EHT40) / Chain 1 : CH 91



802.11be (EHT40) / Chain 1 : CH 99

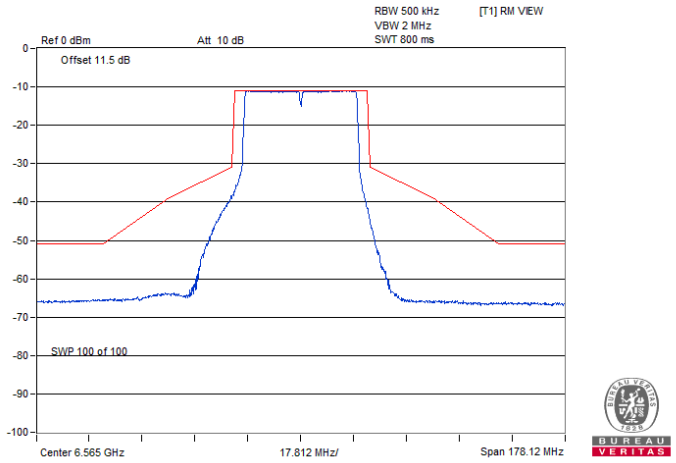


802.11be (EHT40) / Chain 1 : CH 107

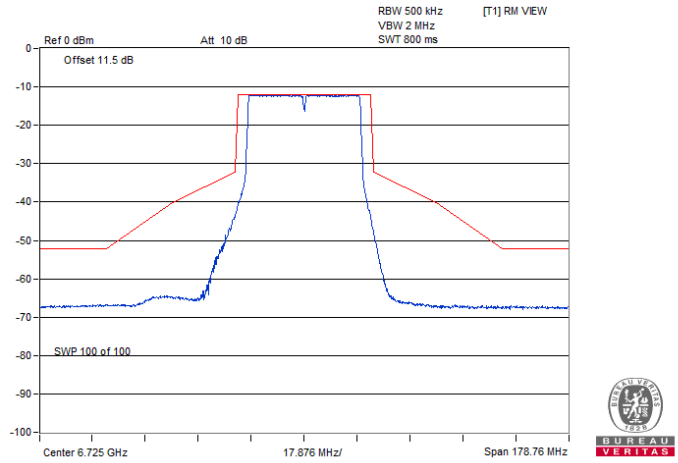


802.11be (EHT40) / Chain 1 : CH 115

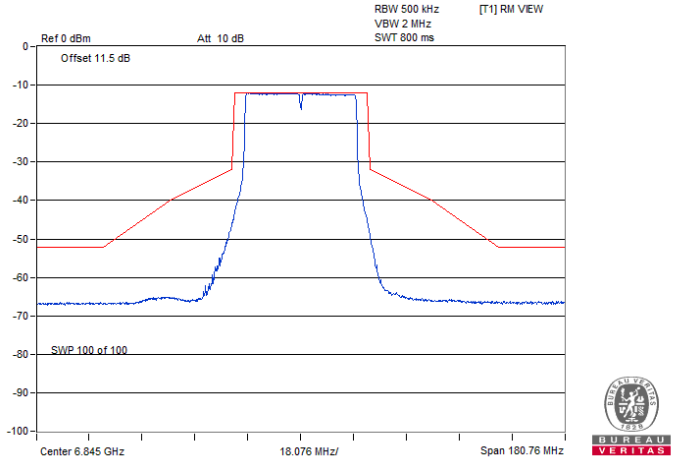
Spectrum Plot



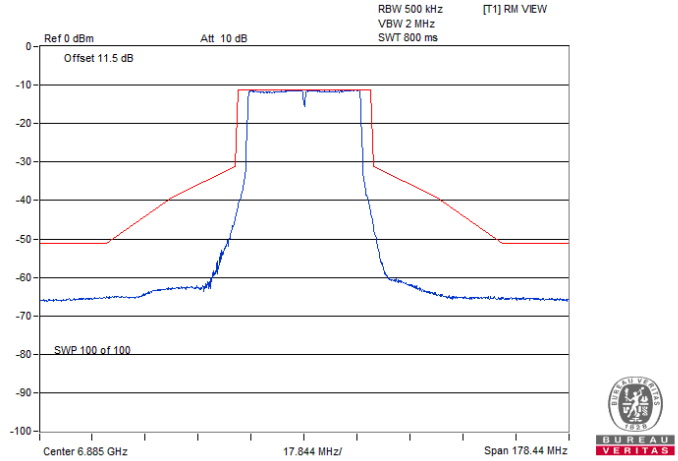
802.11be (EHT40) / Chain 1 : CH 123



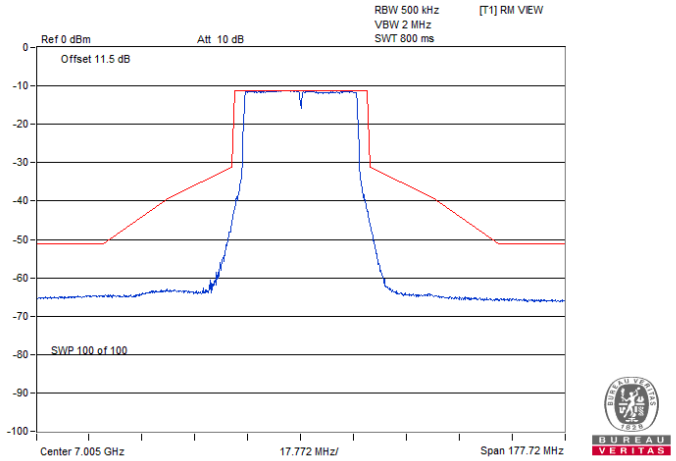
802.11be (EHT40) / Chain 1 : CH 155



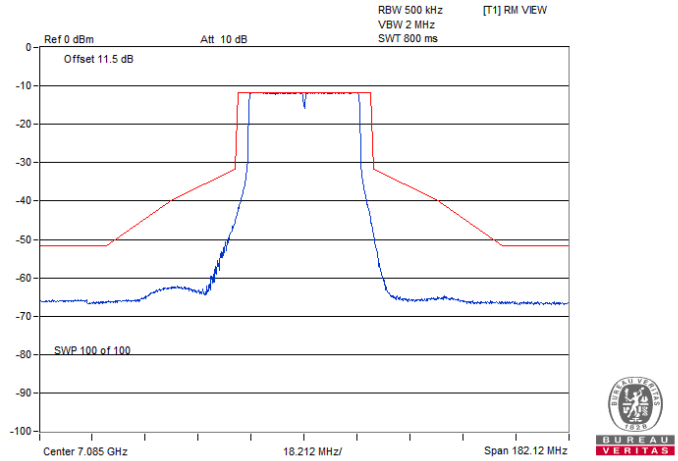
802.11be (EHT40) / Chain 1 : CH 179



802.11be (EHT40) / Chain 1 : CH 187

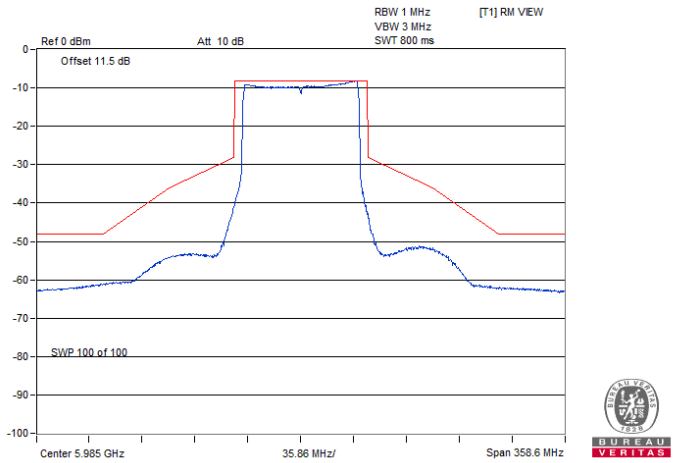
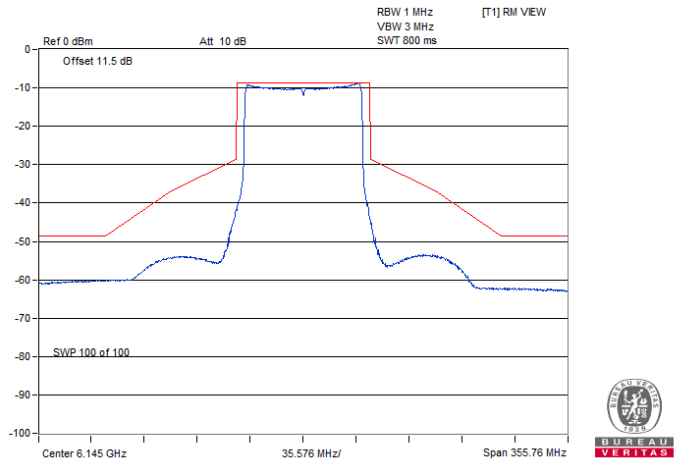
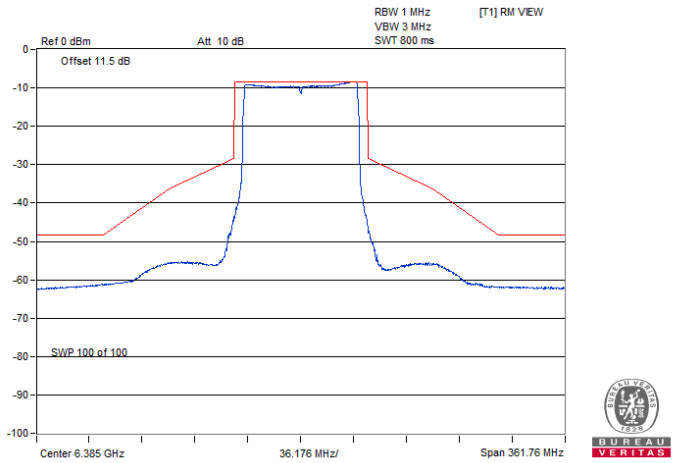
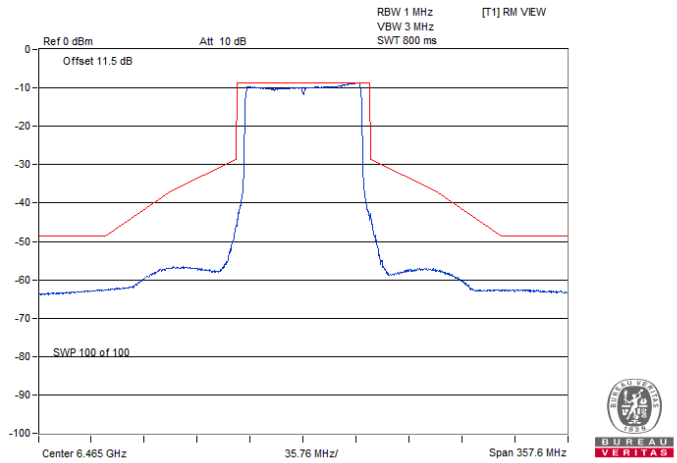
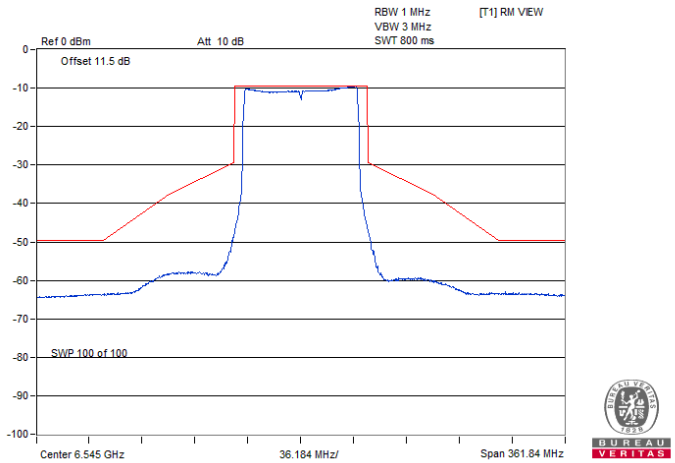
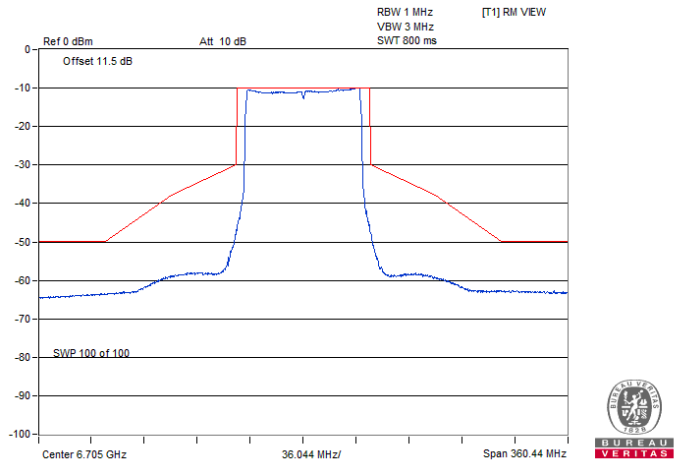


802.11be (EHT40) / Chain 1 : CH 211

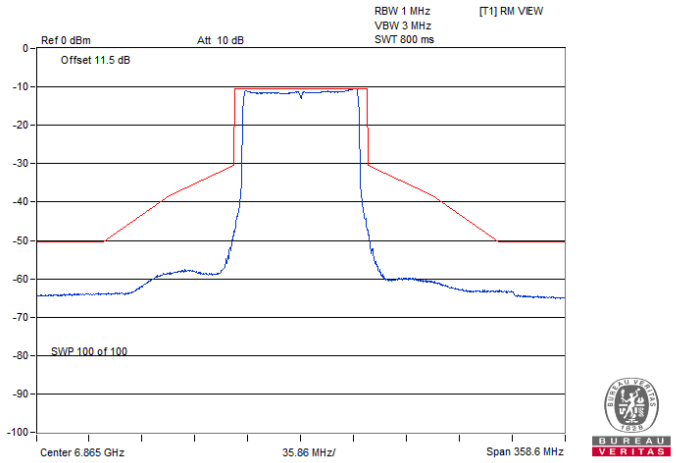


802.11be (EHT40) / Chain 1 : CH 227

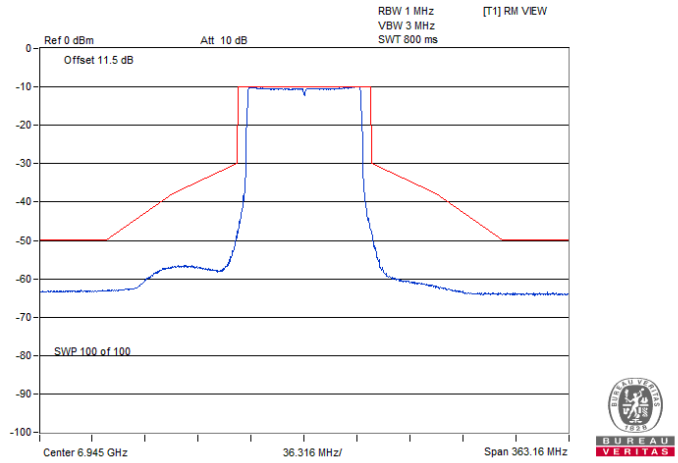
802.11be (EHT80)

Spectrum Plot	
	
802.11be (EHT80) / Chain 0 : CH 7	802.11be (EHT80) / Chain 0 : CH 39
	
802.11be (EHT80) / Chain 0 : CH 87	802.11be (EHT80) / Chain 0 : CH 103
	
802.11be (EHT80) / Chain 0 : CH 119	802.11be (EHT80) / Chain 0 : CH 151

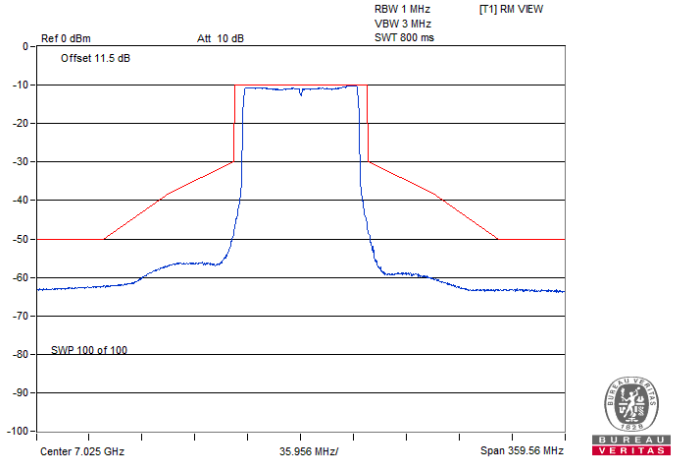
Spectrum Plot



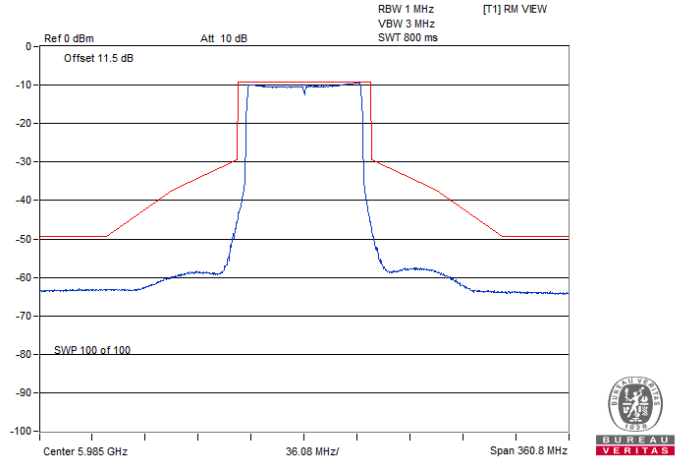
802.11be (EHT80) / Chain 0 : CH 183



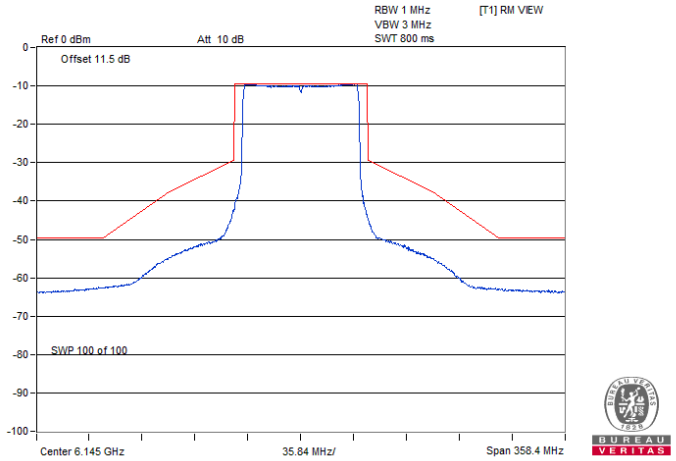
802.11be (EHT80) / Chain 0 : CH 199



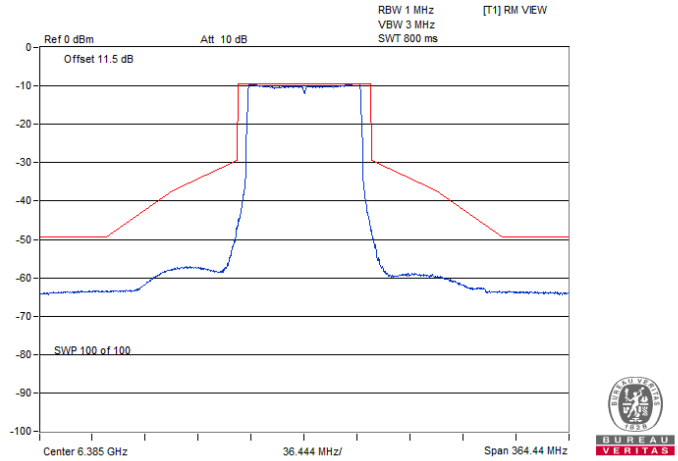
802.11be (EHT80) / Chain 0 : CH 215



802.11be (EHT80) / Chain 1 : CH 7

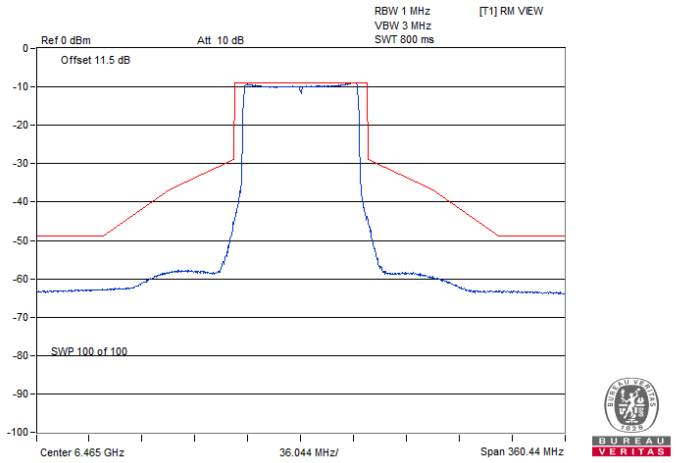


802.11be (EHT80) / Chain 1 : CH 39

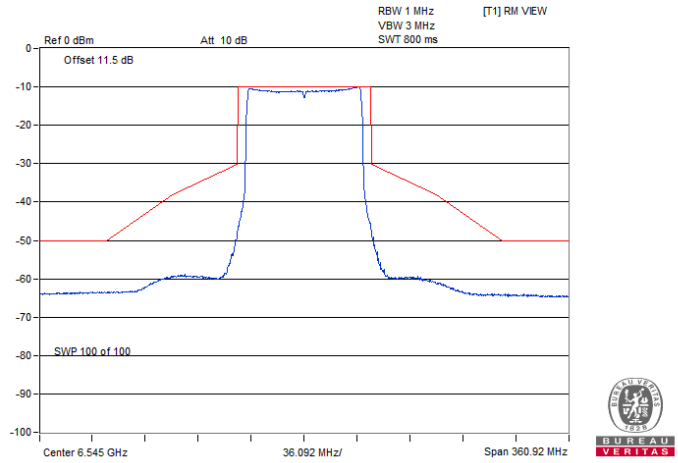


802.11be (EHT80) / Chain 1 : CH 87

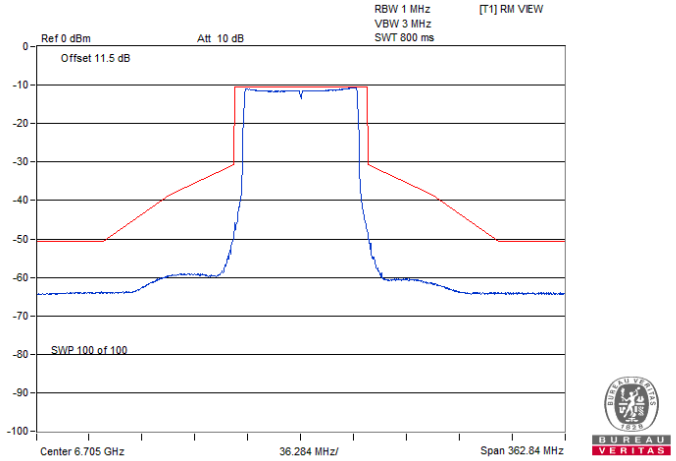
Spectrum Plot



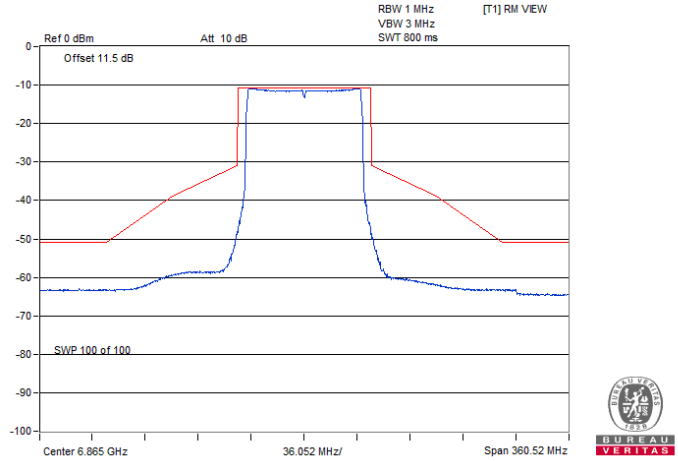
802.11be (EHT80) / Chain 1 : CH 103



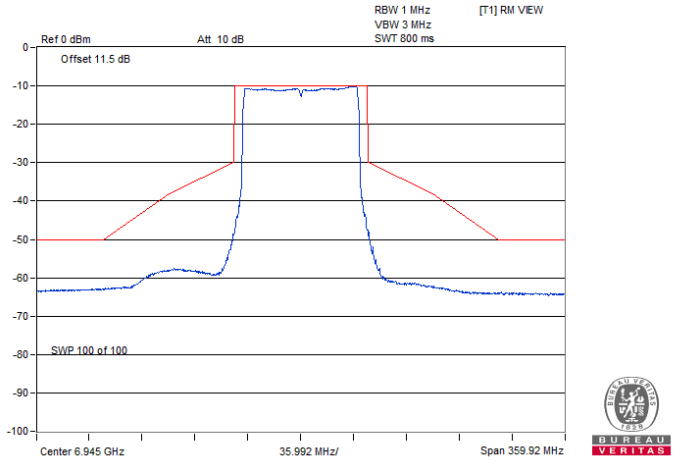
802.11be (EHT80) / Chain 1 : CH 119



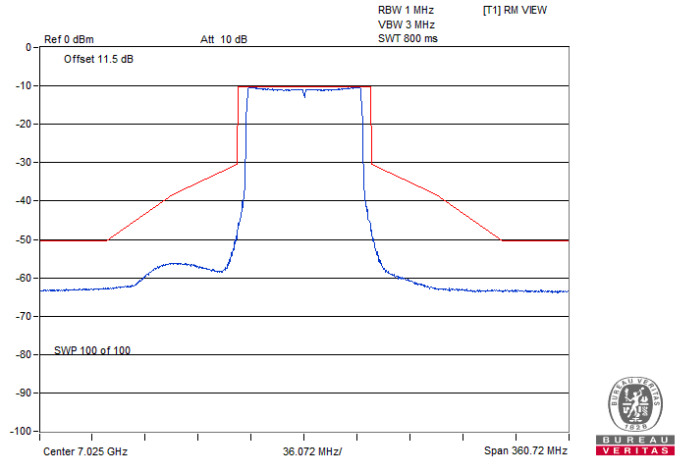
802.11be (EHT80) / Chain 1 : CH 151



802.11be (EHT80) / Chain 1 : CH 183

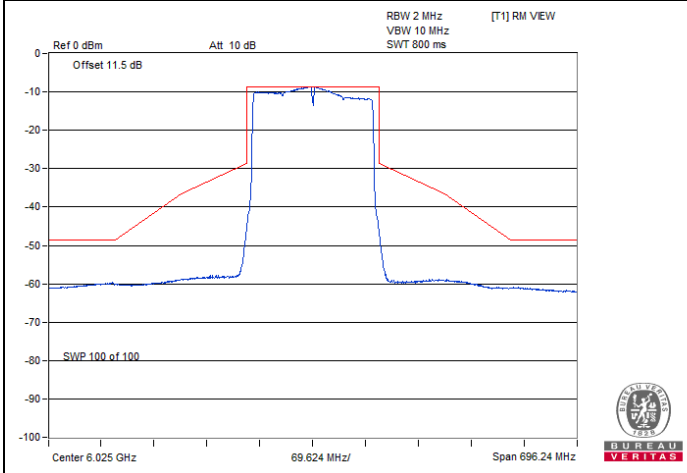
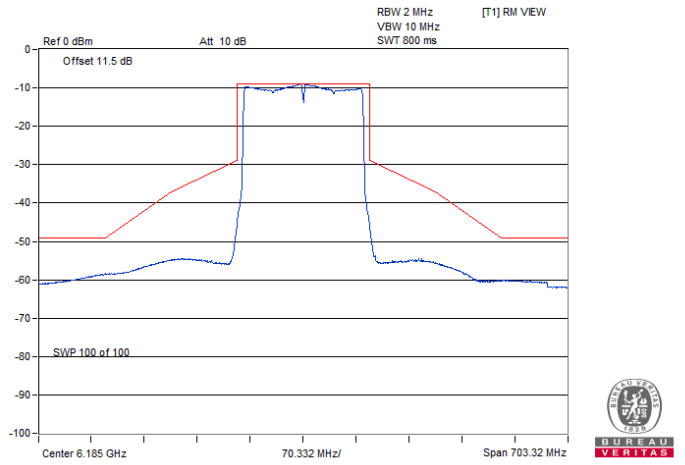
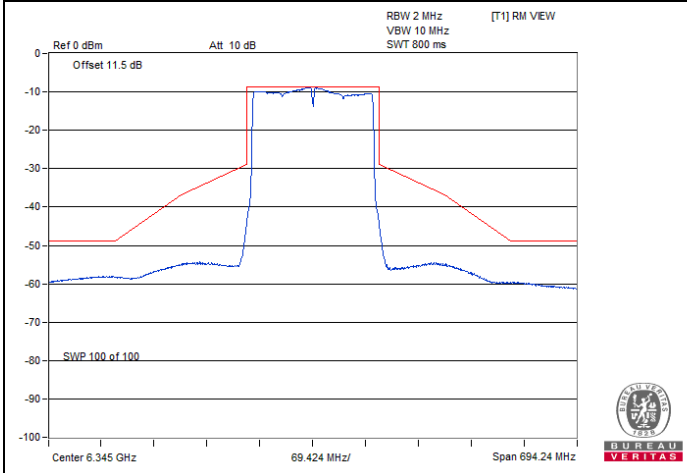
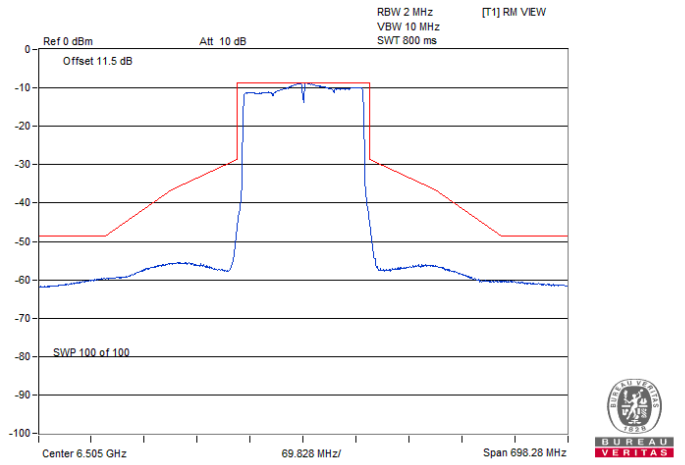
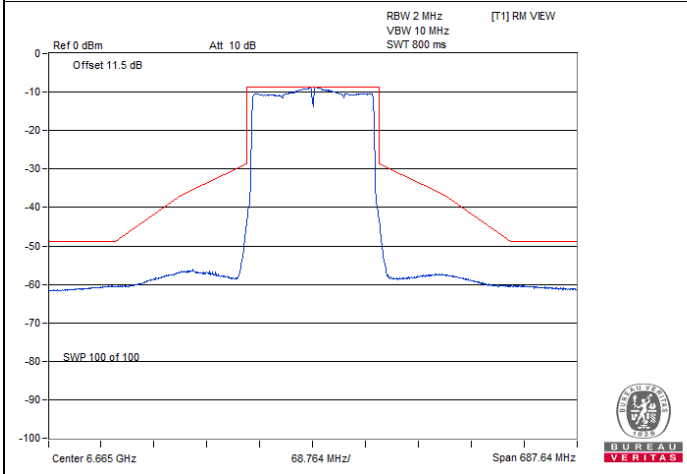
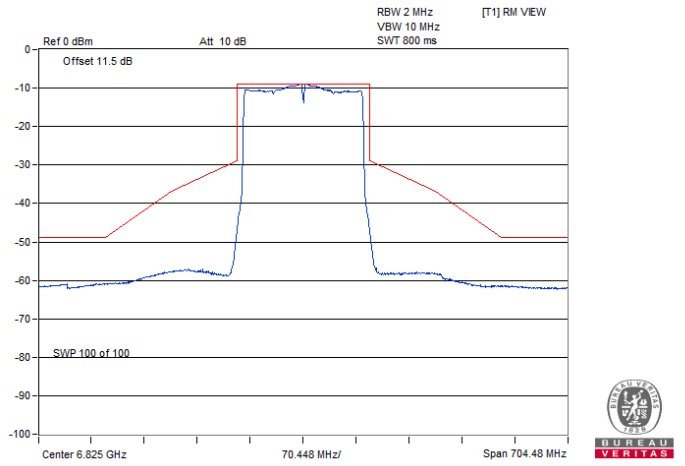


802.11be (EHT80) / Chain 1 : CH 199

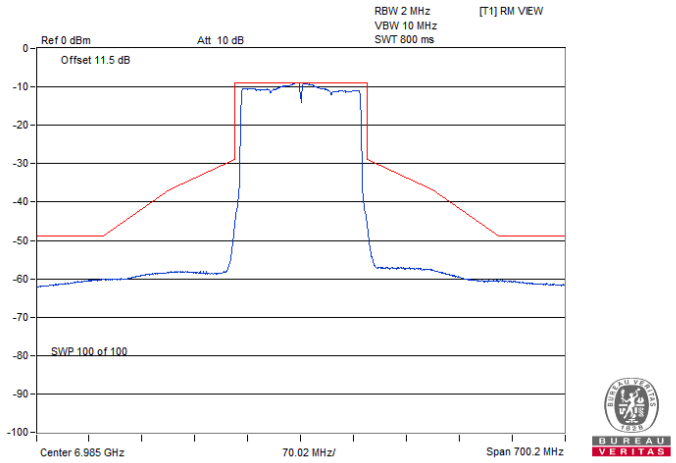


802.11be (EHT80) / Chain 1 : CH 215

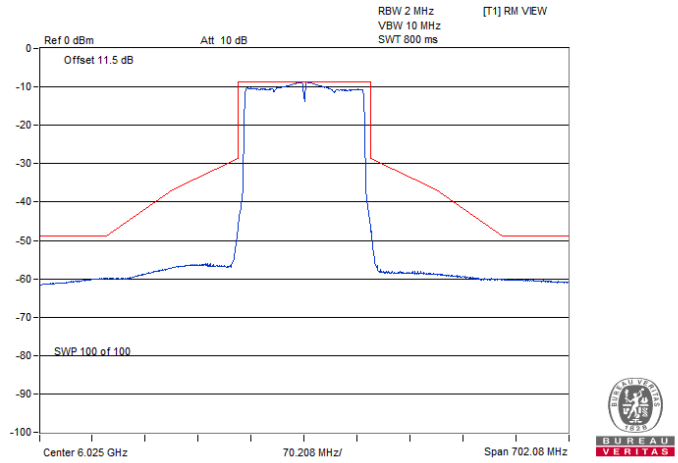
802.11be (EHT160)

Spectrum Plot	
	
802.11be (EHT160) / Chain 0 : CH 15	802.11be (EHT160) / Chain 0 : CH 47
	
802.11be (EHT160) / Chain 0 : CH 79	802.11be (EHT160) / Chain 0 : CH 111
	
802.11be (EHT160) / Chain 0 : CH 143	802.11be (EHT160) / Chain 0 : CH 175

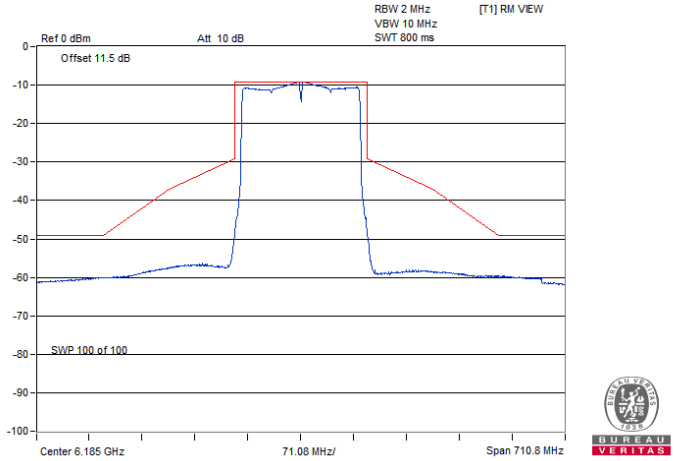
Spectrum Plot



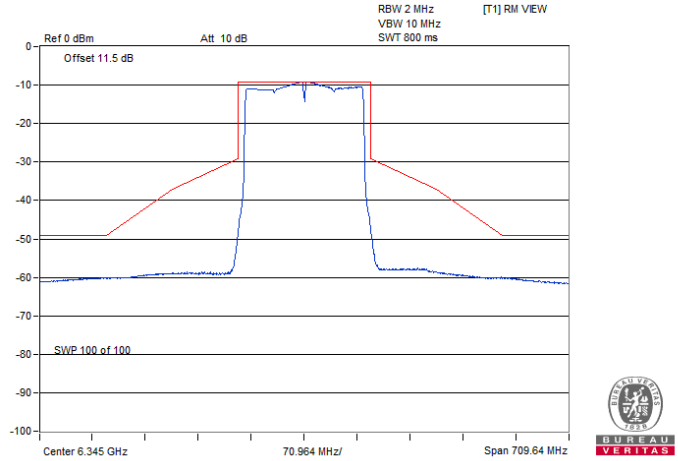
802.11be (EHT160) / Chain 0 : CH 207



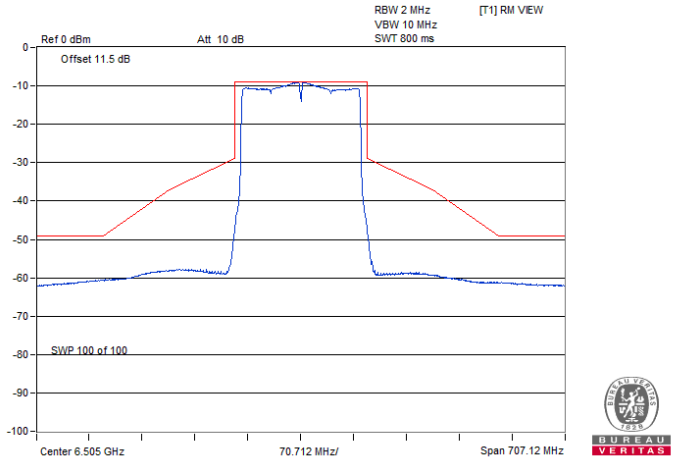
802.11be (EHT160) / Chain 1 : CH 15



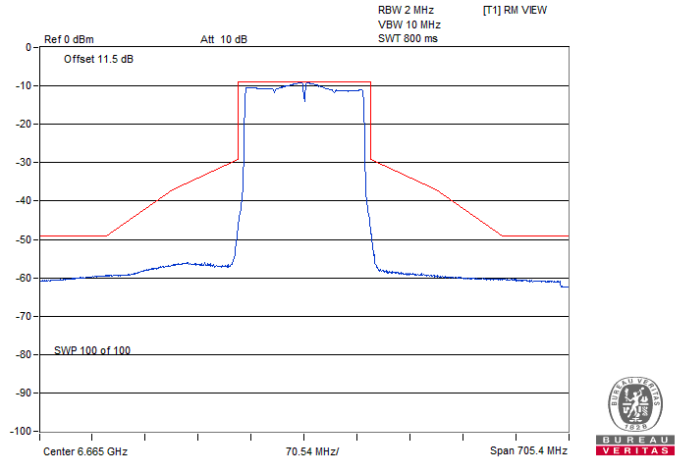
802.11be (EHT160) / Chain 1 : CH 47



802.11be (EHT160) / Chain 1 : CH 79

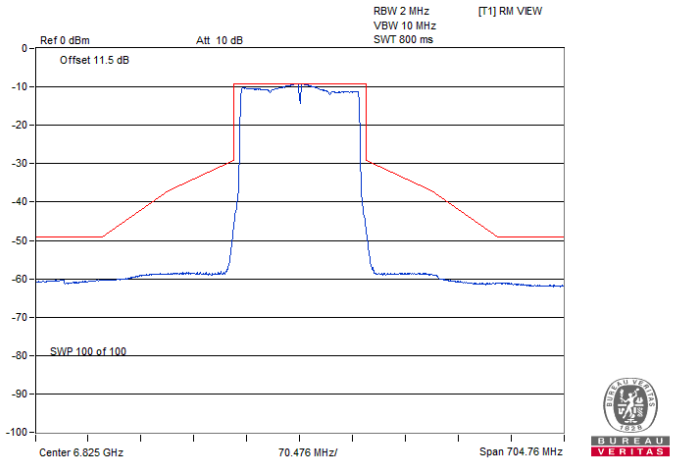


802.11be (EHT160) / Chain 1 : CH 111

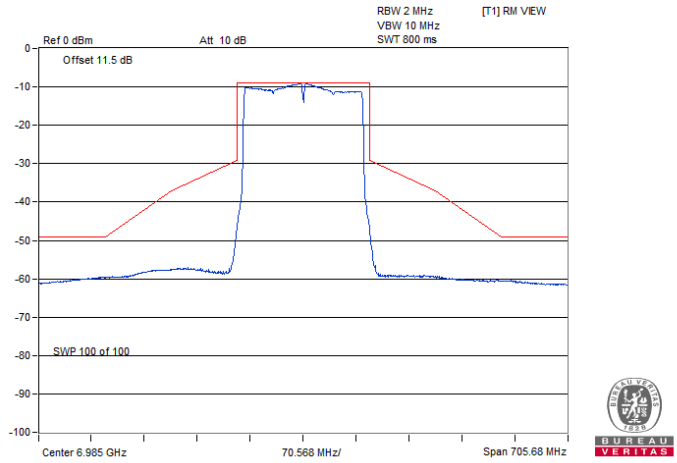


802.11be (EHT160) / Chain 1 : CH 143

Spectrum Plot

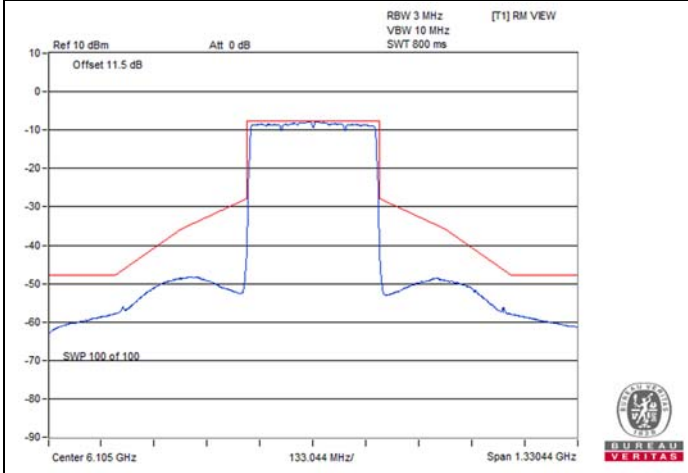
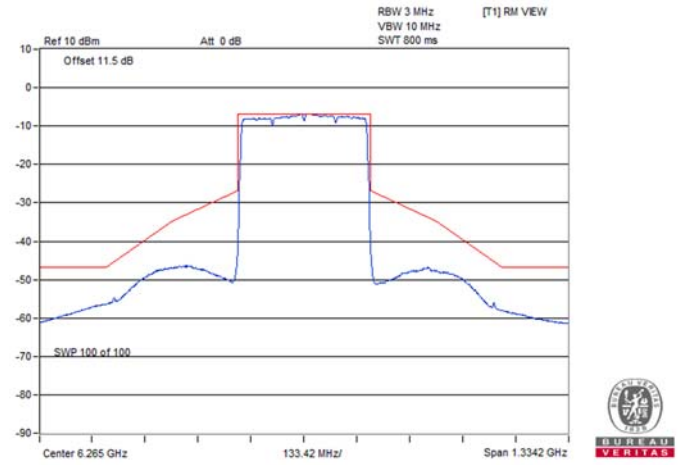
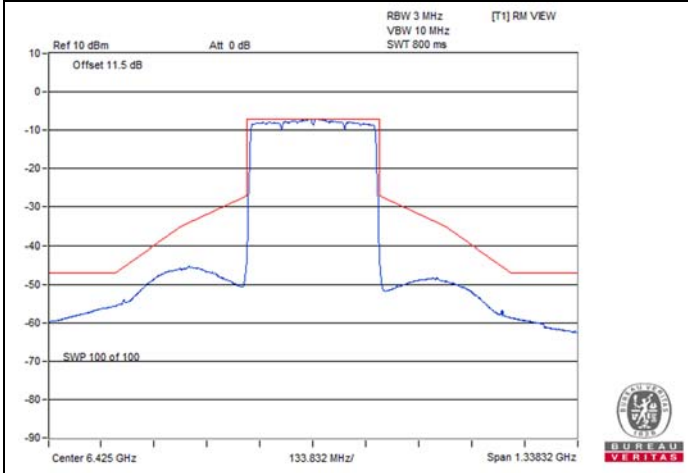
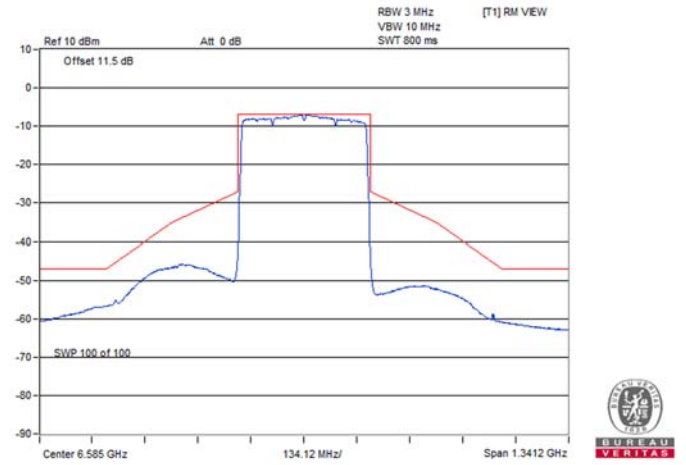
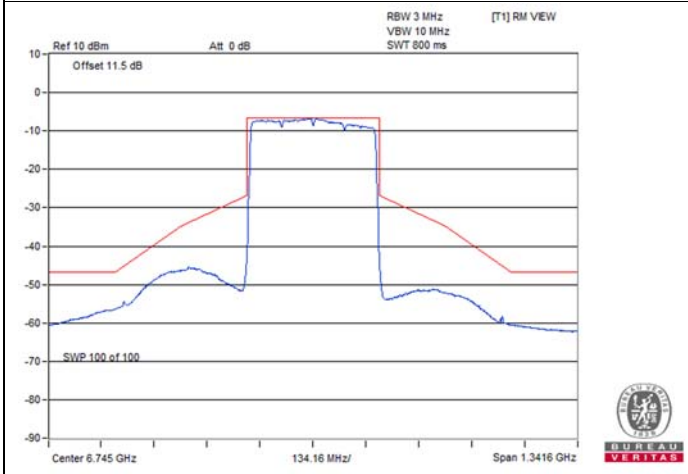
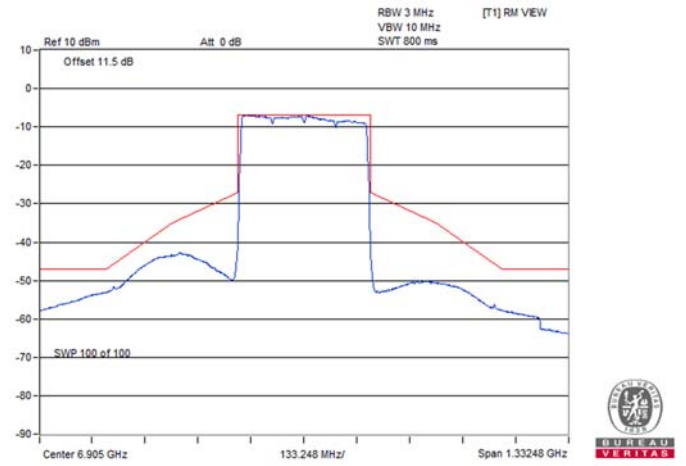


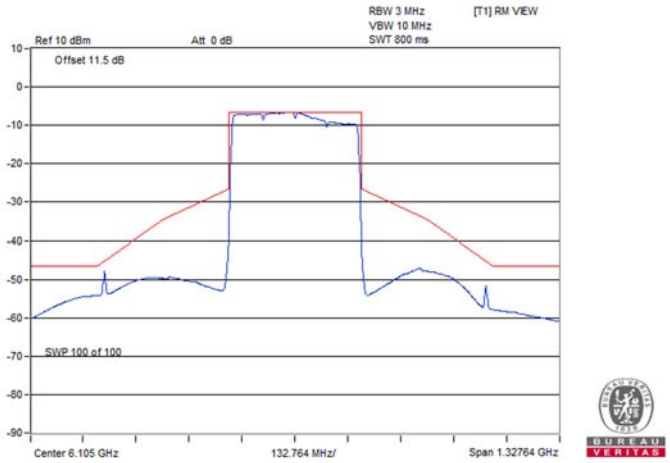
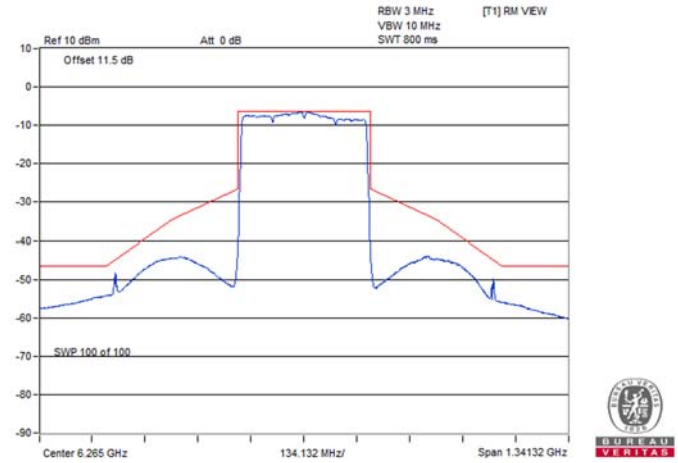
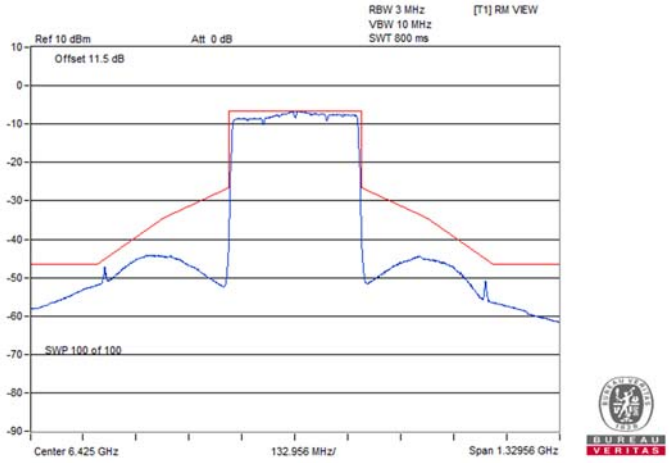
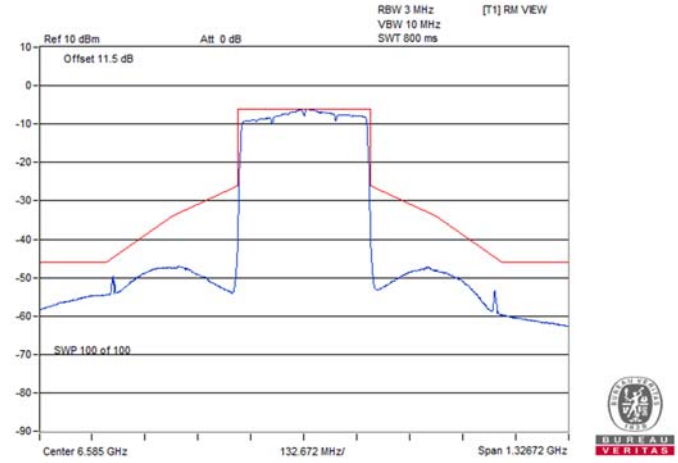
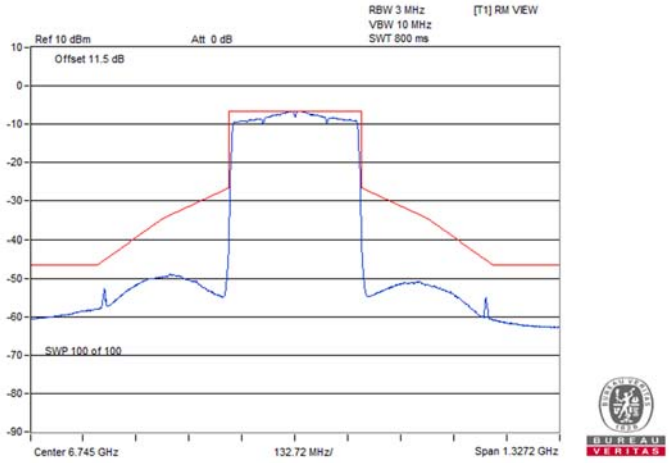
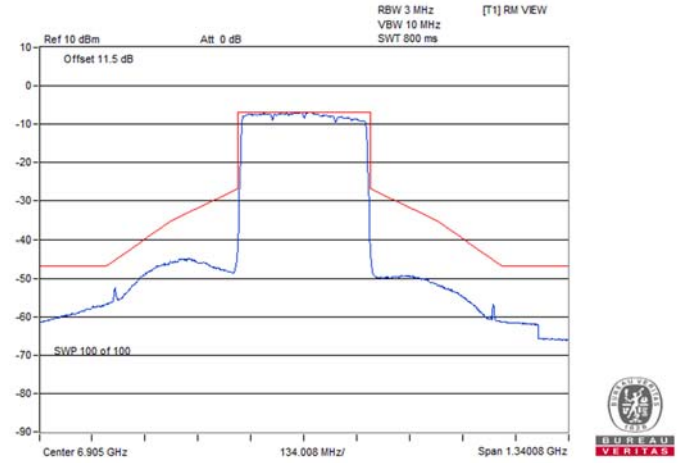
802.11be (EHT160) / Chain 1 : CH 175



802.11be (EHT160) / Chain 1 : CH 207

802.11be (EHT320)

Spectrum Plot	
	
802.11be (EHT320) / Chain 0 : CH 31	802.11be (EHT320) / Chain 0 : CH 63
	
802.11be (EHT320) / Chain 0 : CH 95	802.11be (EHT320) / Chain 0 : CH 127
	
802.11be (EHT320) / Chain 0 : CH 159	802.11be (EHT320) / Chain 0 : CH 191

Spectrum Plot	
	
802.11be (EHT320) / Chain 1 : CH 31	802.11be (EHT320) / Chain 1 : CH 63
	
802.11be (EHT320) / Chain 1 : CH 95	802.11be (EHT320) / Chain 1 : CH 127
	
802.11be (EHT320) / Chain 1 : CH 159	802.11be (EHT320) / Chain 1 : CH 191

7.5 Occupied Bandwidth

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	17.40	17.46
45	6175	17.52	17.52
93	6415	17.52	17.40
97	6435	17.40	17.40
105	6475	17.40	17.40
113	6515	17.28	17.40
117	6535	17.40	17.28
149	6695	17.52	17.52
181	6855	17.40	17.40
185	6875	17.40	17.40
209	6995	17.40	17.52
233	7115	17.52	17.40

802.11be (EHT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
1	5955	19.20	19.32
45	6175	19.32	19.20
93	6415	19.32	19.32
97	6435	19.20	19.32
105	6475	19.32	19.32
113	6515	19.20	19.20
117	6535	19.32	19.32
149	6695	19.32	19.32
181	6855	19.32	19.32
185	6875	19.32	19.32
209	6995	19.32	19.20
233	7115	19.32	19.32

802.11be (EHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
3	5965	38.40	38.64
43	6165	38.64	38.40
91	6405	38.64	38.64
99	6445	38.64	38.40
107	6485	38.40	38.64
115	6525	38.40	38.64
123	6565	38.40	38.64
155	6725	38.64	38.40
179	6845	38.64	38.88
187	6885	38.64	38.64
211	7005	38.40	38.64
227	7085	38.64	38.64

802.11be (EHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
7	5985	78.24	78.24
39	6145	78.24	78.24
87	6385	78.24	78.24
103	6465	78.24	78.24
119	6545	77.76	77.76
151	6705	77.76	78.24
183	6865	78.24	78.24
199	6945	77.76	78.24
215	7025	78.24	78.24

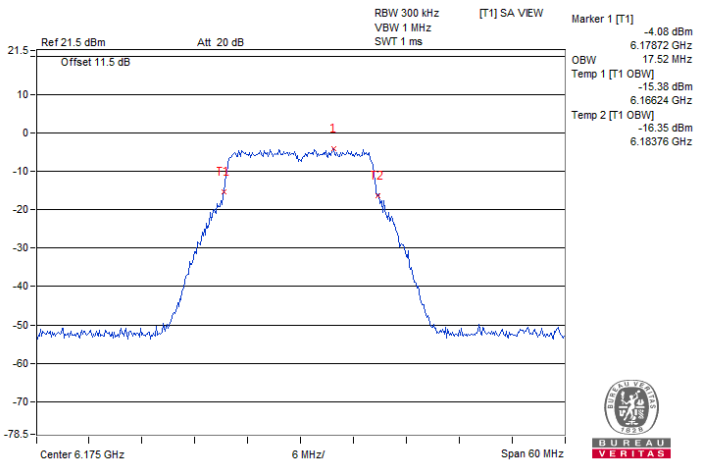
802.11be (EHT160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
15	6025	157.44	158.40
47	6185	158.40	158.40
79	6345	158.40	157.44
111	6505	157.44	158.40
143	6665	158.40	158.40
175	6825	158.40	157.44
207	6985	158.40	158.40

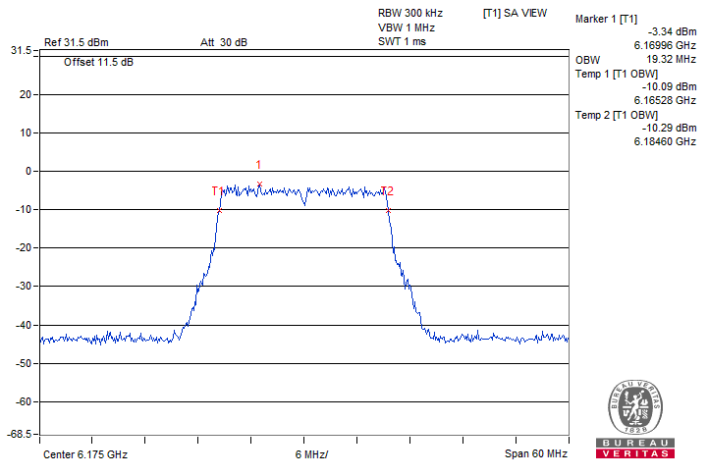
802.11be (EHT320)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
31	6105	315.84	314.88
63	6265	316.80	316.80
95	6425	316.80	314.88
127	6585	316.80	314.88
159	6745	314.88	314.88
191	6905	316.80	314.88

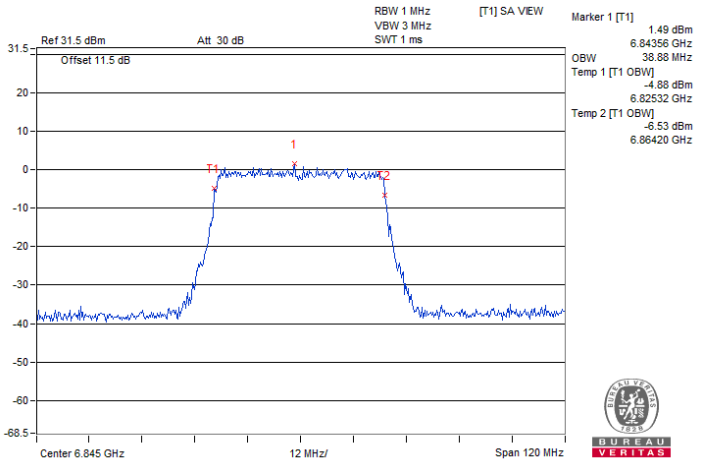
Spectrum Plot of Maximum Value



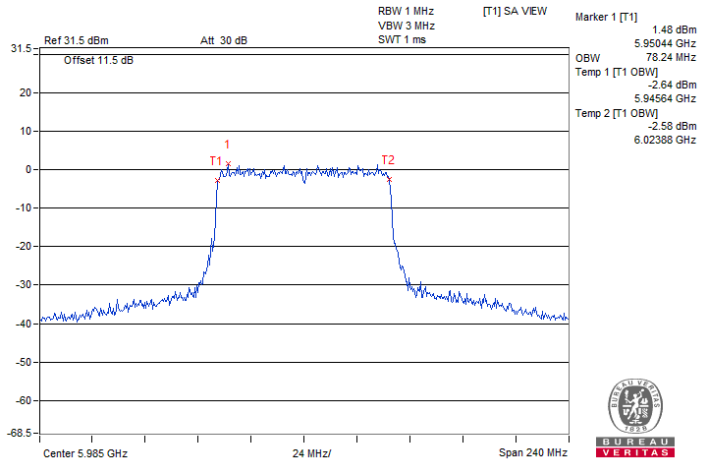
802.11a / Chain 0 : CH 45



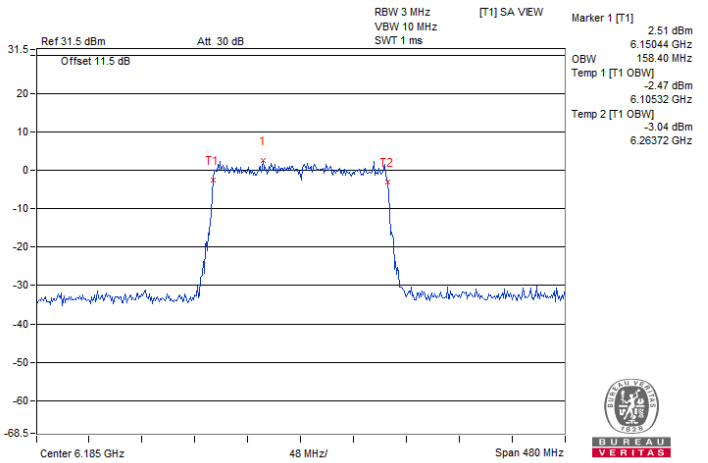
802.11be (EHT20) / Chain 0 : CH 45



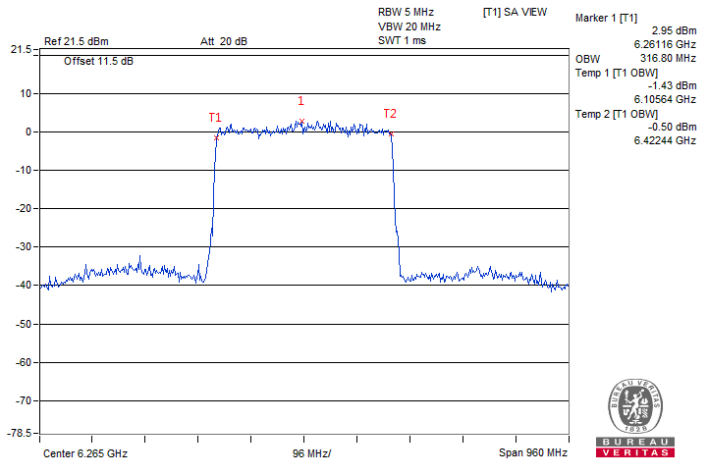
802.11be (EHT40) / Chain 1 : CH 179



802.11be (EHT80) / Chain 0 : CH 7



802.11be (EHT160) / Chain 0 : CH 47



802.11be (EHT320) / Chain 0 : CH 63

7.6 Frequency Stability

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

Frequency Stability Versus Temperature									
Operating Frequency: 5955 MHz									
Temp. (℃)	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
50	3.85	5955.0087	Pass	5955.0106	Pass	5955.005	Pass	5955.0069	Pass
40	3.85	5954.9805	Pass	5954.9823	Pass	5954.9814	Pass	5954.9796	Pass
30	3.85	5954.9764	Pass	5954.9787	Pass	5954.9761	Pass	5954.9766	Pass
20	3.85	5954.9999	Pass	5954.9963	Pass	5954.9978	Pass	5954.9964	Pass
10	3.85	5955.0189	Pass	5955.0215	Pass	5955.0214	Pass	5955.0186	Pass
0	3.85	5955.0252	Pass	5955.0236	Pass	5955.024	Pass	5955.027	Pass
-10	3.85	5954.9746	Pass	5954.9739	Pass	5954.976	Pass	5954.9756	Pass
-20	3.85	5955.0243	Pass	5955.0271	Pass	5955.0262	Pass	5955.0257	Pass
-30	3.85	5955.0166	Pass	5955.0183	Pass	5955.0207	Pass	5955.0193	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5955 MHz									
Temp. (℃)	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	4.4275	5955.005	Pass	5955.0044	Pass	5955.0078	Pass	5955.008	Pass
	3.85	5954.9999	Pass	5954.9963	Pass	5954.9978	Pass	5954.9964	Pass
	3.2725	5954.9982	Pass	5954.9988	Pass	5954.9938	Pass	5954.9985	Pass

7.7 Contention-based Protocol

Environmental Conditions:	25°C, 60% RH	Tested By:	Stan Shih

Companion Device Information			
Product	Brand	Model No.	Software/Firmware Version
Nighthawk 5G Mobile Router	NETGEAR	MR7400	PEGA Version:V2.1(LE10_PostCS7)-debug a41f6ac29ac5235a6de6db6d4365cbae

Note: The EUT device modulation technique OFDMA does not support partial RUs (resource units) and channel puncturing, but supports bandwidth reduction mechanisms.

For U-NII-5

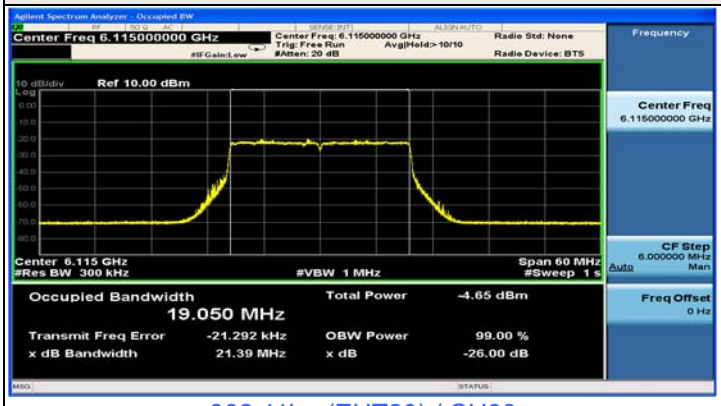
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11be	20	33	6115	6115	-60.29	1.71	0	-62	-62	OFF
					-61.5	1.71	0	-63.21	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
	320	31	6105	5950	-60.5	1.71	0	-62.21	-62	OFF
					-62.5	1.71	0	-64.21	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
				6105	-60.29	1.71	0	-62	-62	OFF
					-62.5	1.71	0	-64.21	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
				6260	-60.5	1.71	0	-62.21	-62	OFF
					-62.5	1.71	0	-64.21	-62	Minimal
					-80.29	1.71	0	-82	-62	ON

Notes:

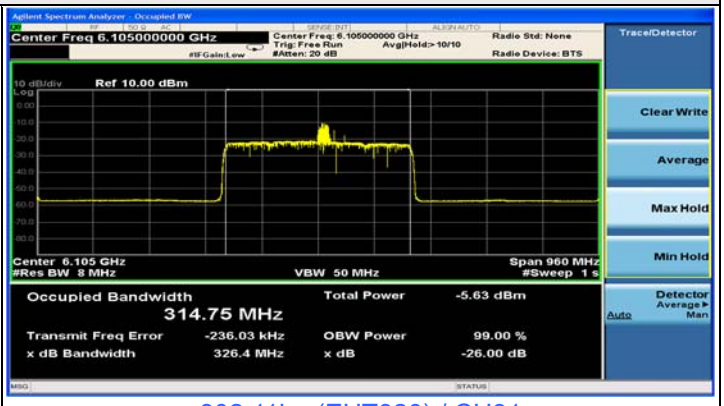
1. After investigation (consider antenna gain and path loss) , the one representative port (ANT6) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

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
802.11be	20	6115	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	320	5950	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6105	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6260	v	v	v	v	v	v	v	x	v	v	90%	90%	Pass

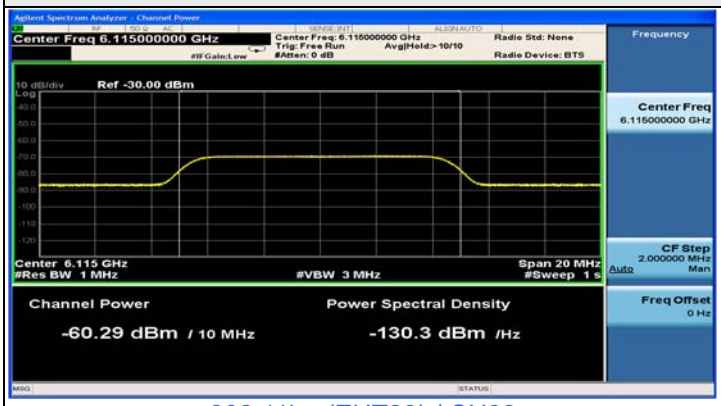
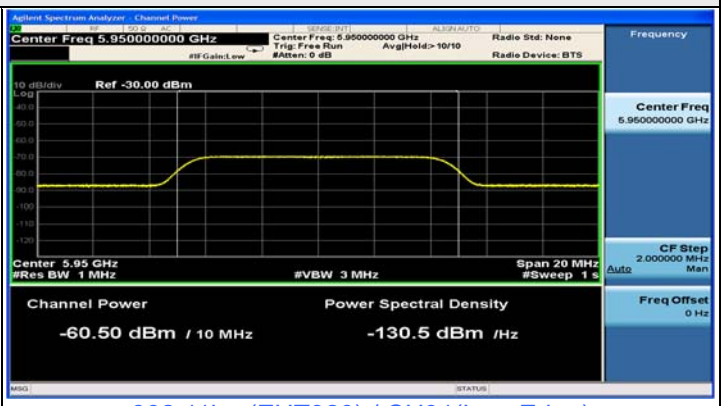
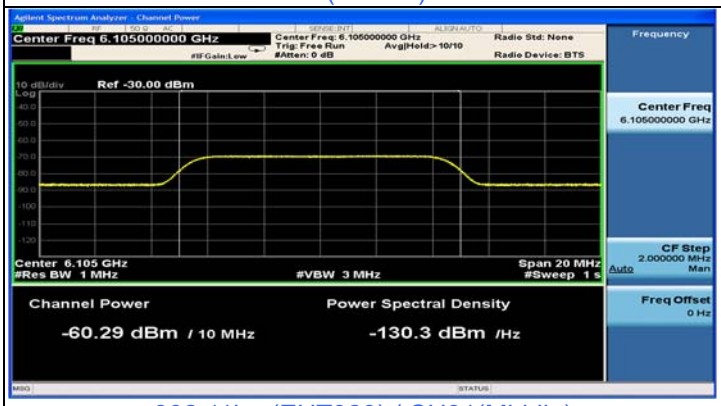
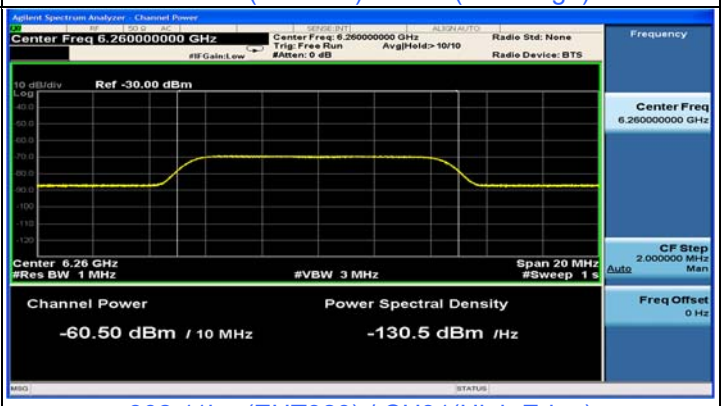
Plots of EUT Tx waveform

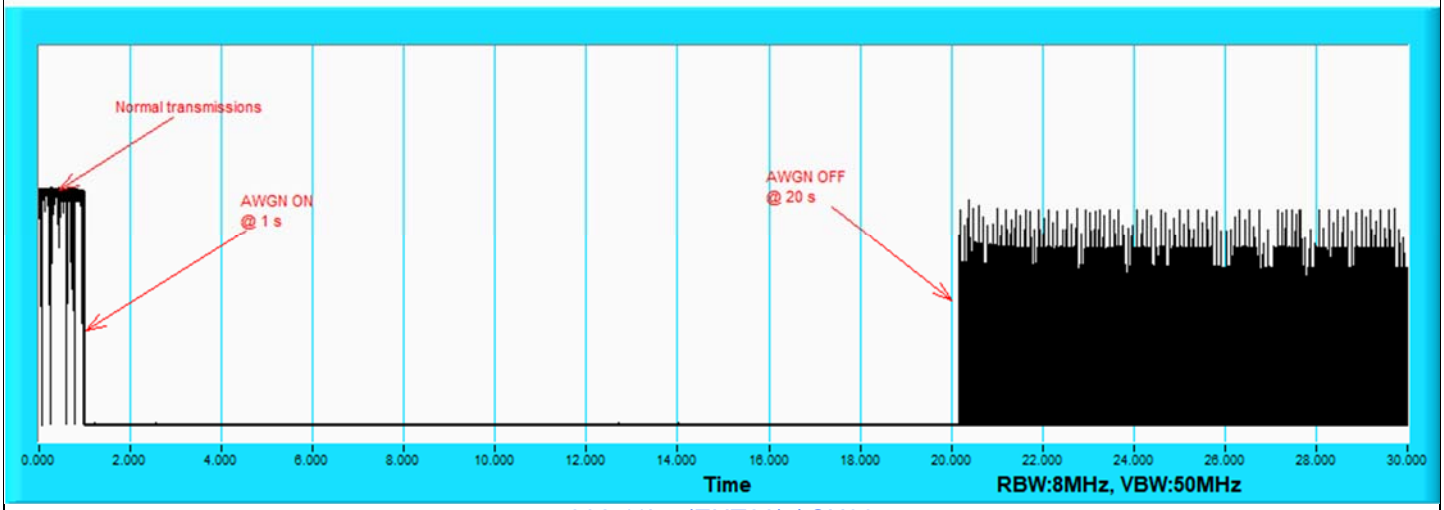


802.11be (EHT20) / CH33

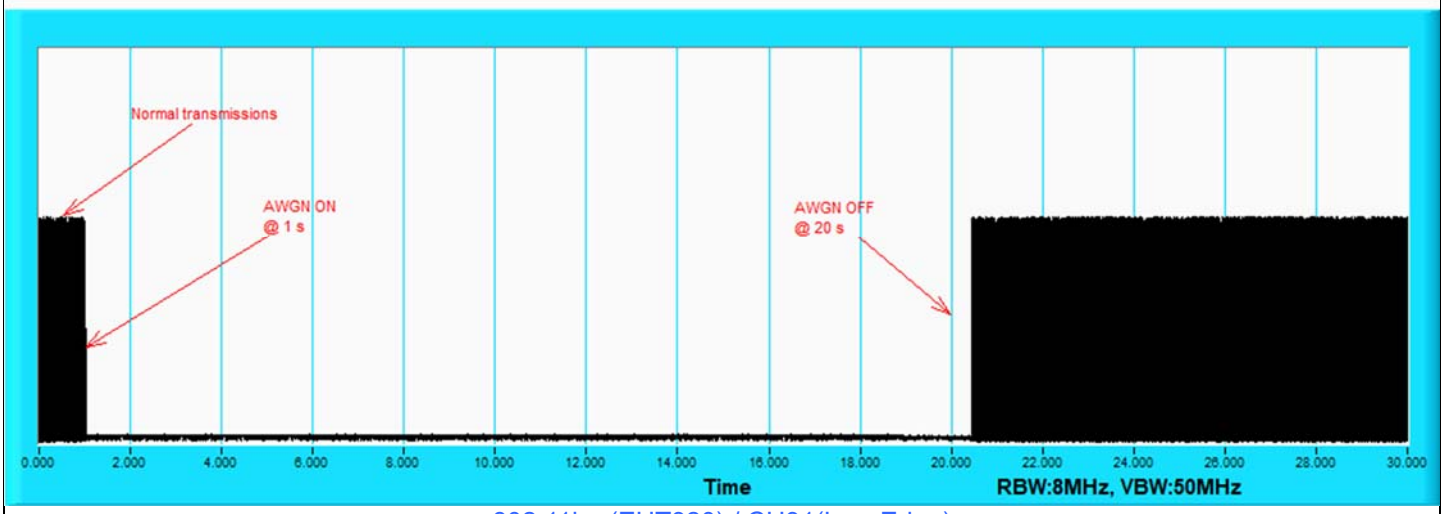


802.11be (EHT320) / CH31

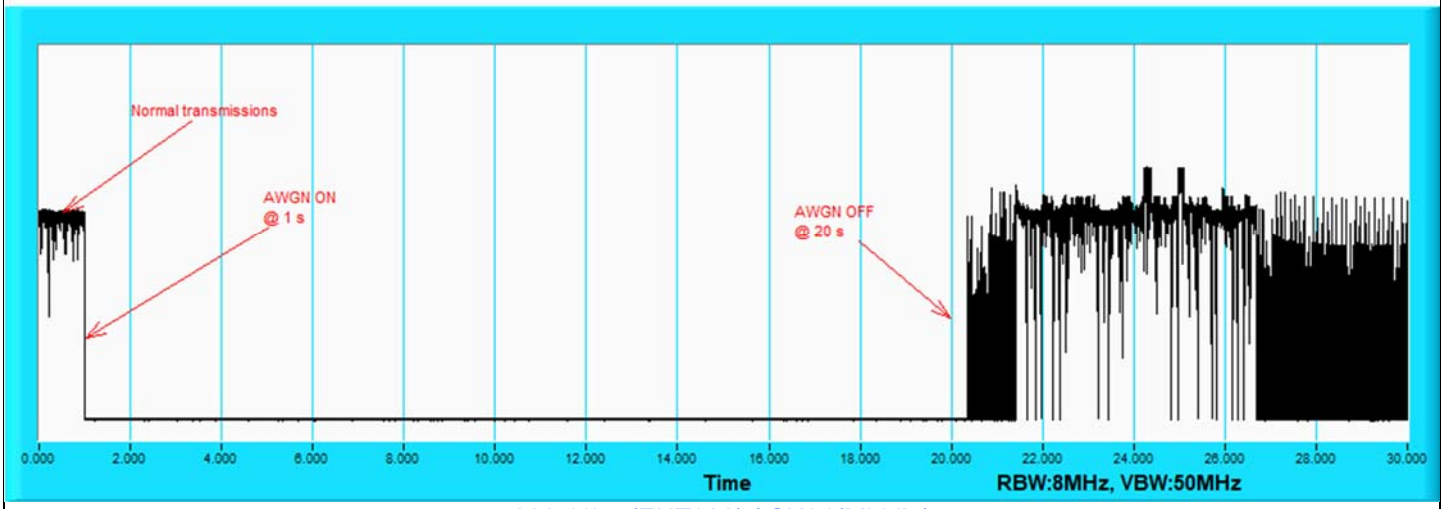
Plots of Injected signal (AWGN) level	
	
802.11be (EHT20) / CH33	802.11be (EHT320) / CH31(Low Edge)
	
802.11be (EHT320) / CH31(Middle)	802.11be (EHT320) / CH31(High Edge)

Plots of EUT ceased transmission in the time domain

802.11be (EHT20) / CH33

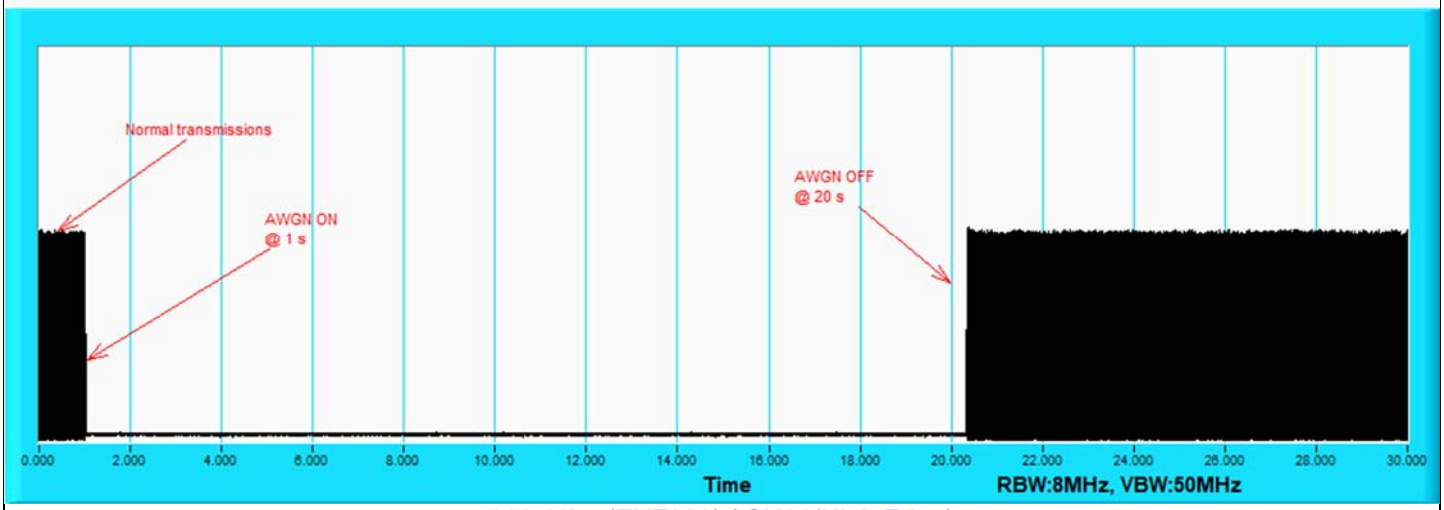
Plots of EUT ceased transmission in the time domain



802.11be (EHT320) / CH31(Low Edge)



802.11be (EHT320) / CH31(Middle)



802.11be (EHT320) / CH31(High Edge)

For U-NII-6

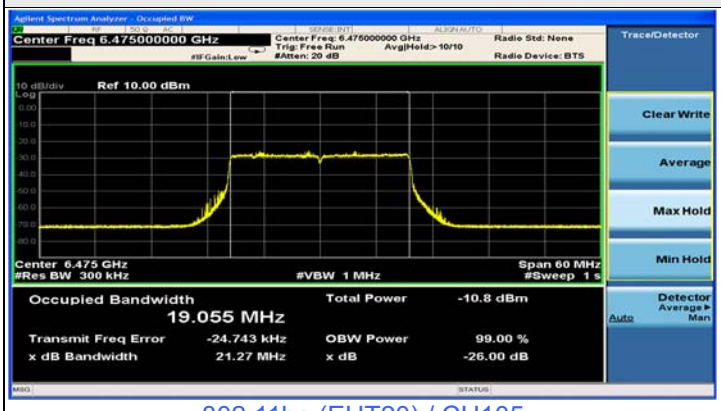
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11be	20	105	6475	6475	-60.29	1.71	0	-62	-62	OFF
					-61	1.71	0	-62.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
	320	95	6425	6270	-60.29	1.71	0	-62	-62	OFF
					-61	1.71	0	-62.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
				6425	-60.29	1.71	0	-62	-62	OFF
					-61	1.71	0	-62.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
				6580	-60.29	1.71	0	-62	-62	OFF
					-61	1.71	0	-62.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON

Notes:

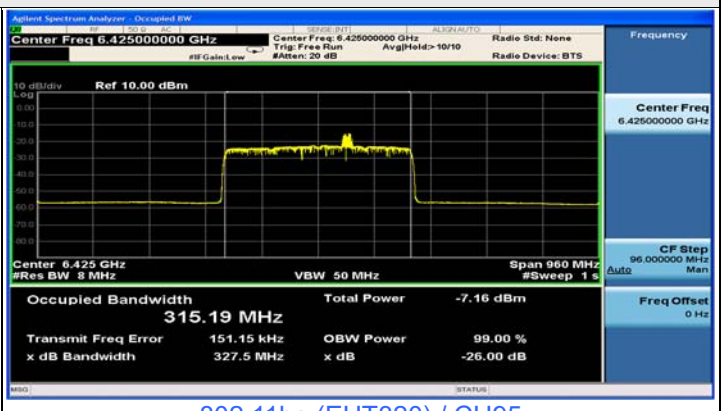
1. After investigation (consider antenna gain and path loss) , the one representative port (ANT6) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

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
802.11be	20	6475	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	320	6270	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6425	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6580	v	v	v	x	v	v	v	v	v	v	90%	90%	Pass

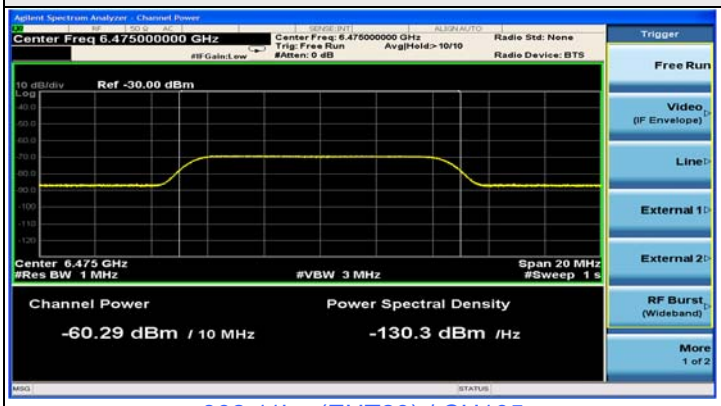
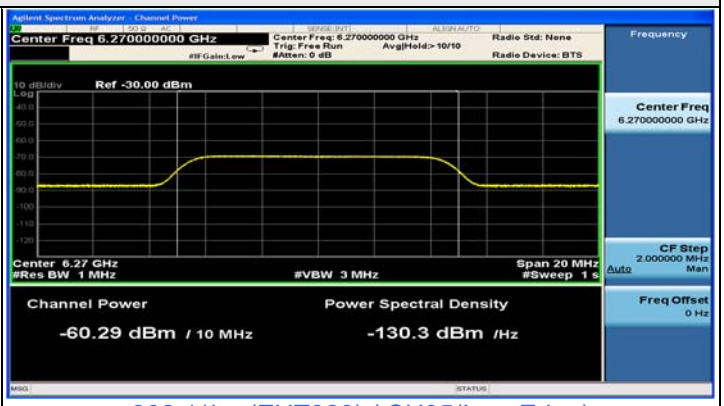
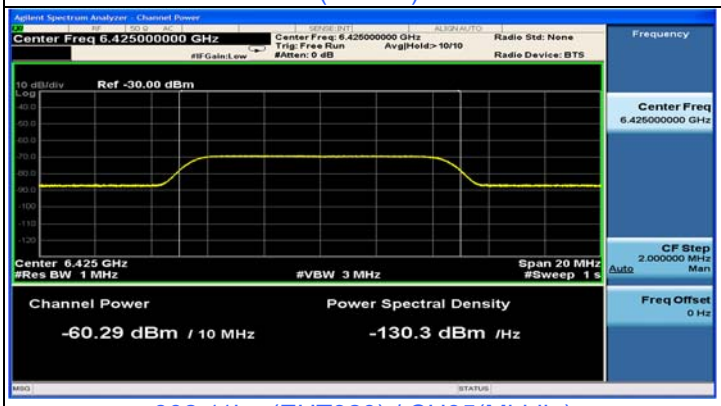
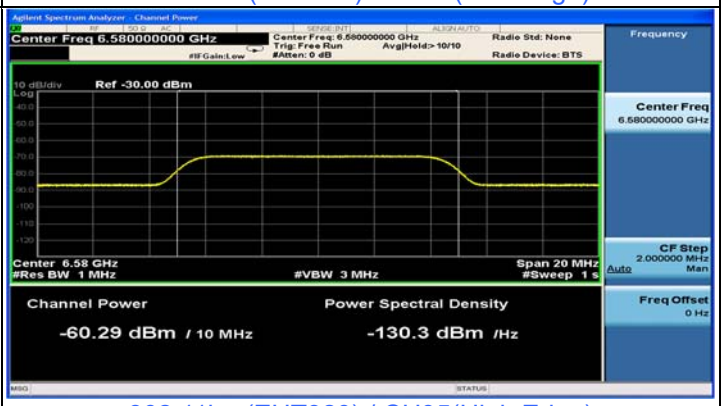
Plots of EUT Tx waveform

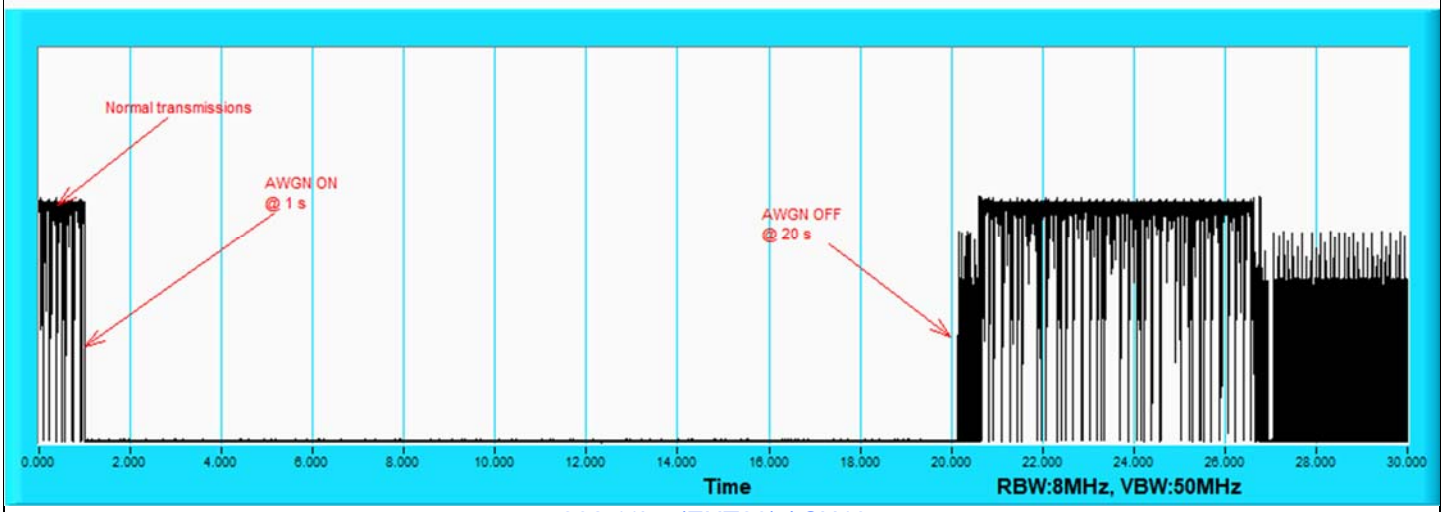


802.11be (EHT20) / CH105

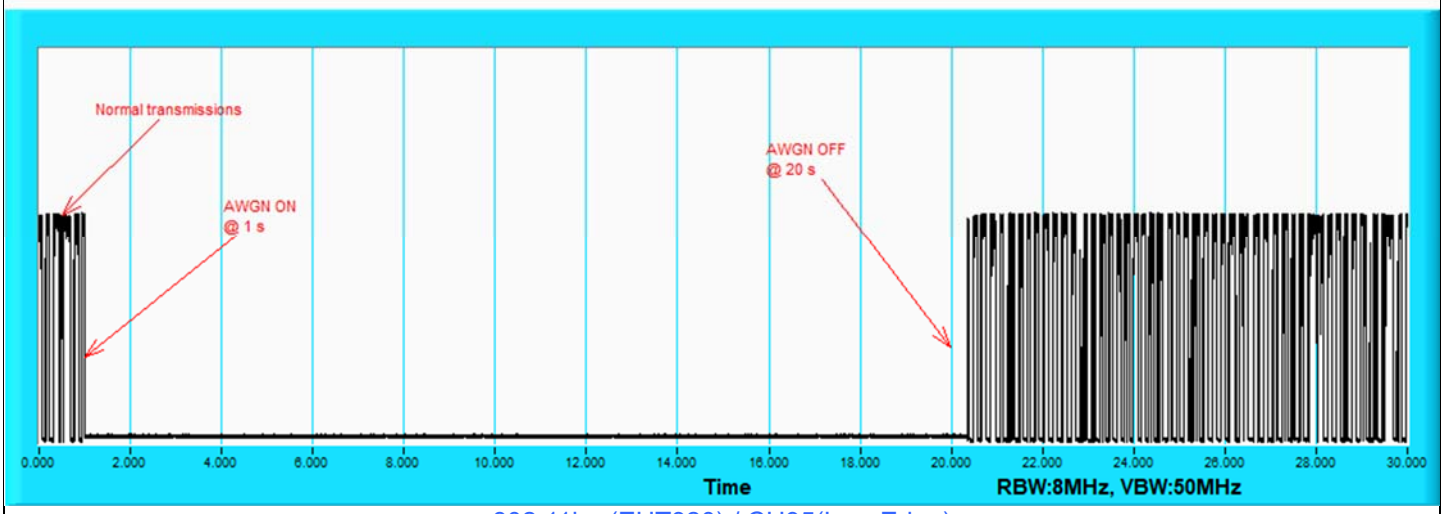


802.11be (EHT320) / CH95

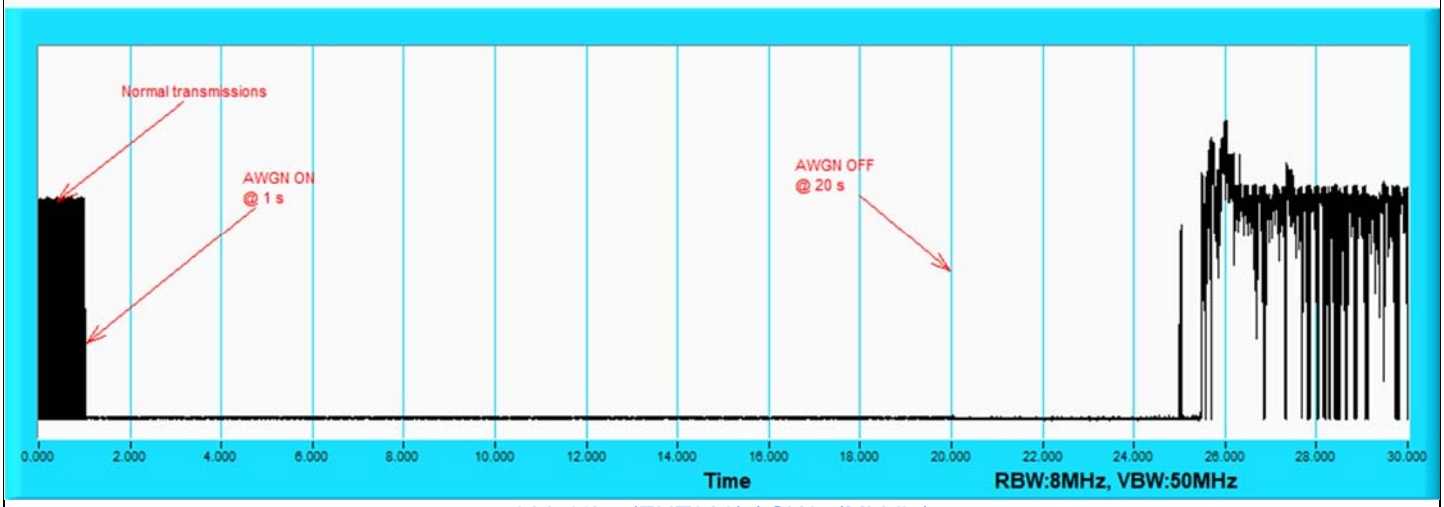
Plots of Injected signal (AWGN) level	
	
802.11be (EHT20) / CH105	802.11be (EHT320) / CH95(Low Edge)
	
802.11be (EHT320) / CH95(Middle)	802.11be (EHT320) / CH95(High Edge)

Plots of EUT ceased transmission in the time domain

802.11be (EHT20) / CH105

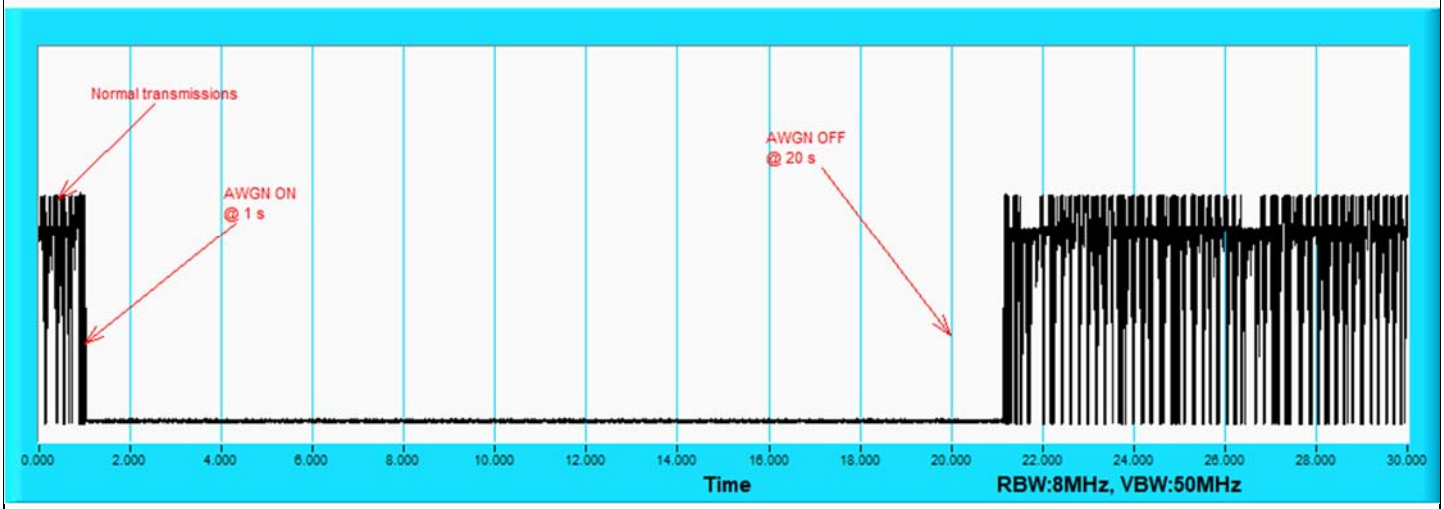
Plots of EUT ceased transmission in the time domain



802.11be (EHT320) / CH95(Low Edge)



802.11be (EHT320) / CH95(Middle)



802.11be (EHT320) / CH95(High Edge)

For U-NII-7

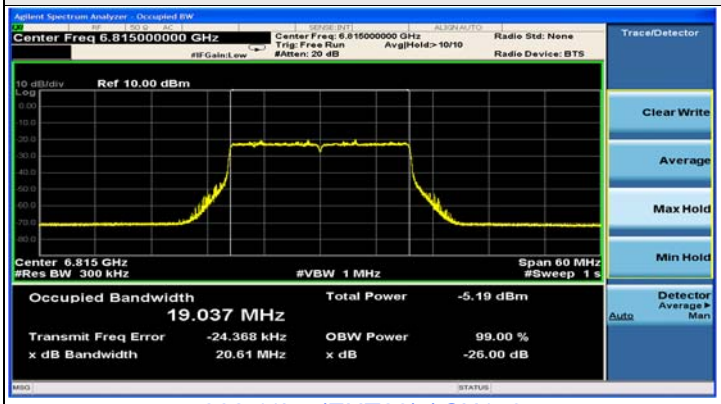
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11be	20	173	6815	6815	-60.29	1.71	0	-62	-62	OFF
					-63	1.71	0	-64.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
	320	159	6745	6590	-60.5	1.71	0	-62.21	-62	OFF
					-64	1.71	0	-65.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
				6745	-60.29	1.71	0	-62	-62	OFF
					-61	1.71	0	-62.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
				6900	-60.5	1.71	0	-62.21	-62	OFF
					-62.5	1.71	0	-64.21	-62	Minimal
					-80.29	1.71	0	-82	-62	ON

Notes:

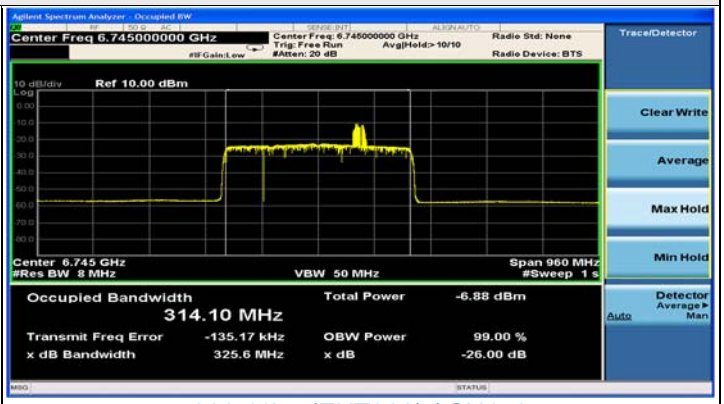
1. After investigation (consider antenna gain and path loss) , the one representative port (ANT6) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

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
802.11be	20	6815	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	320	6590	v	v	v	v	v	v	x	v	v	v	90%	90%	Pass
		6745	v	v	x	v	v	v	v	v	v	v	90%	90%	Pass
		6900	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

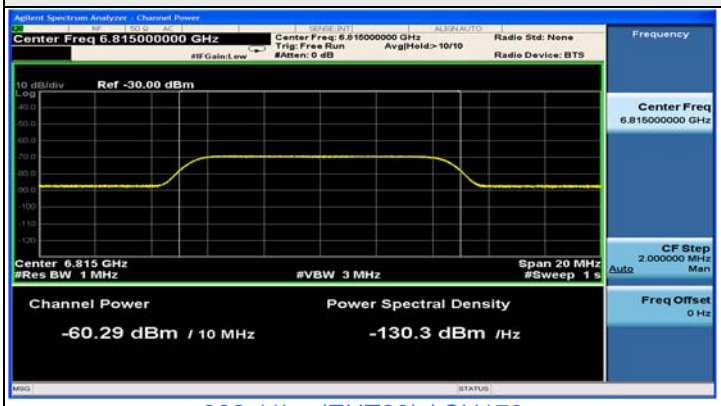
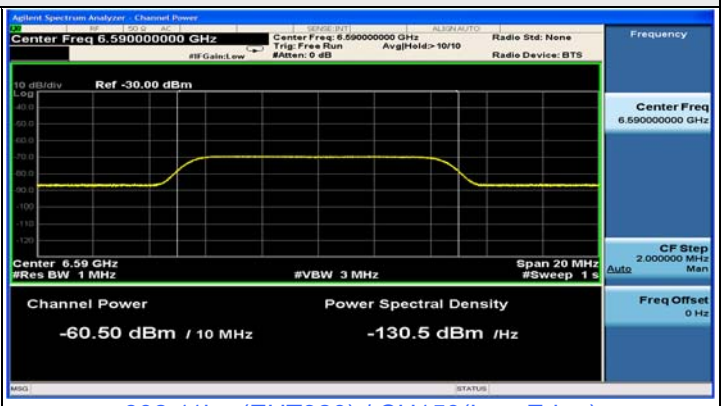
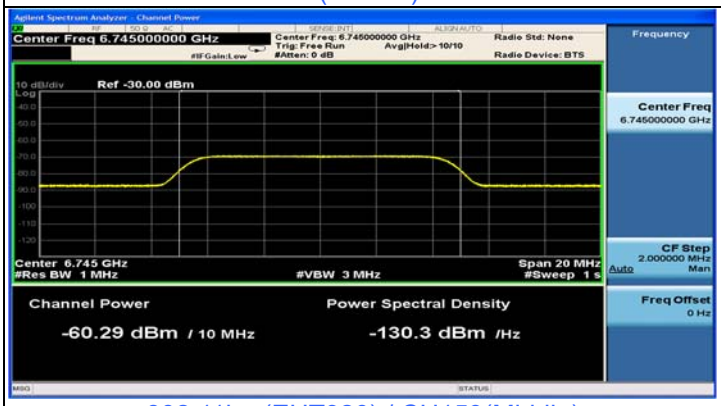
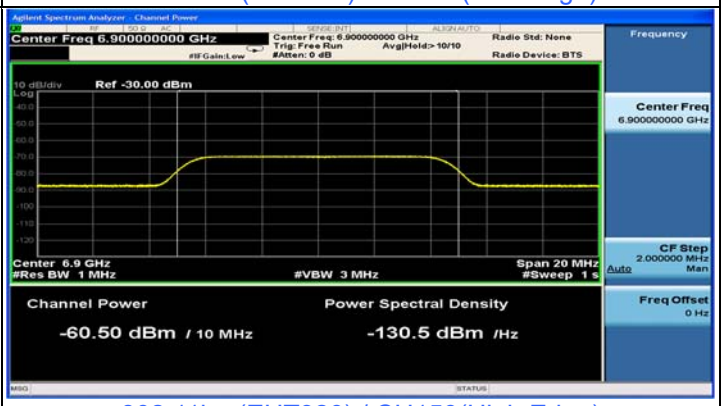
Plots of EUT Tx waveform

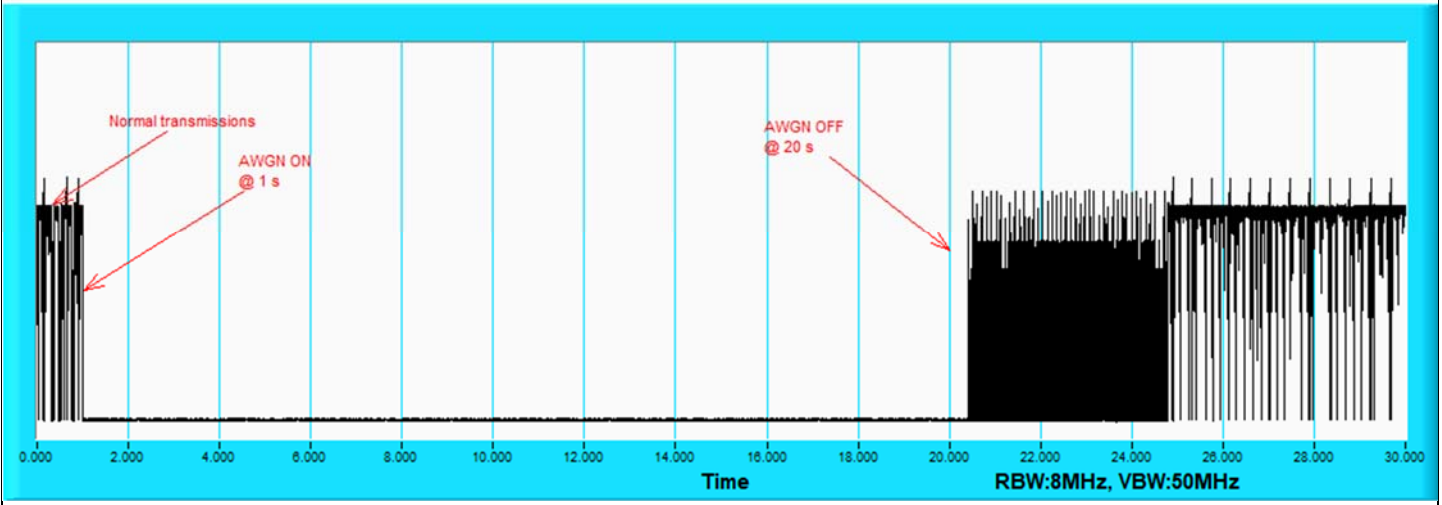


802.11be (EHT20) / CH173

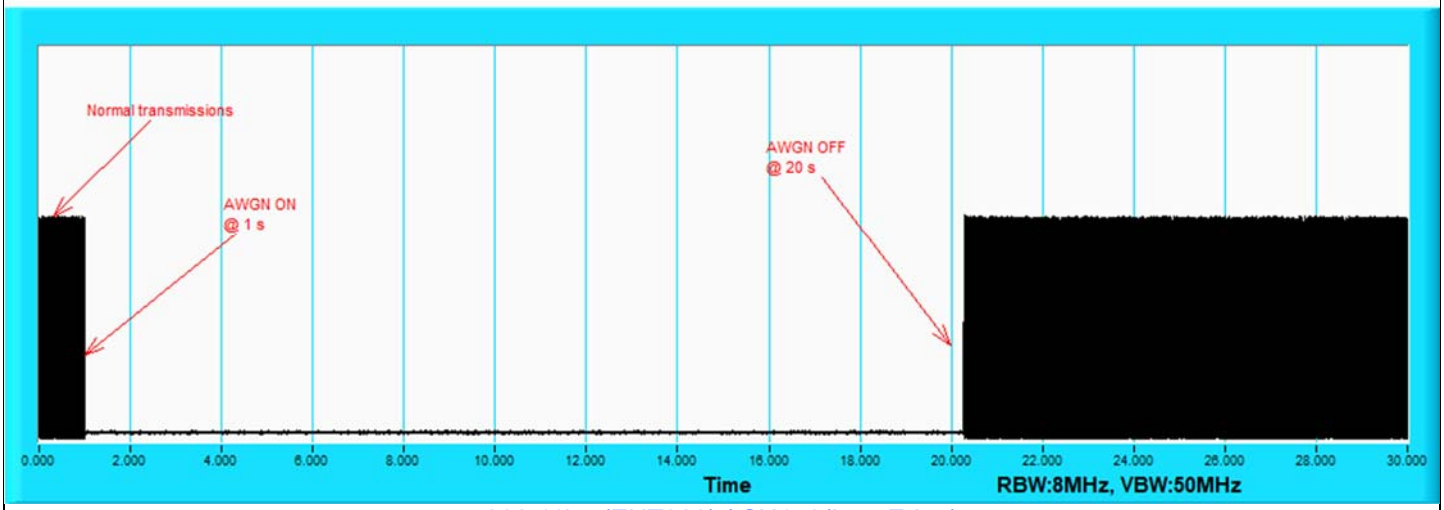


802.11be (EHT320) / CH159

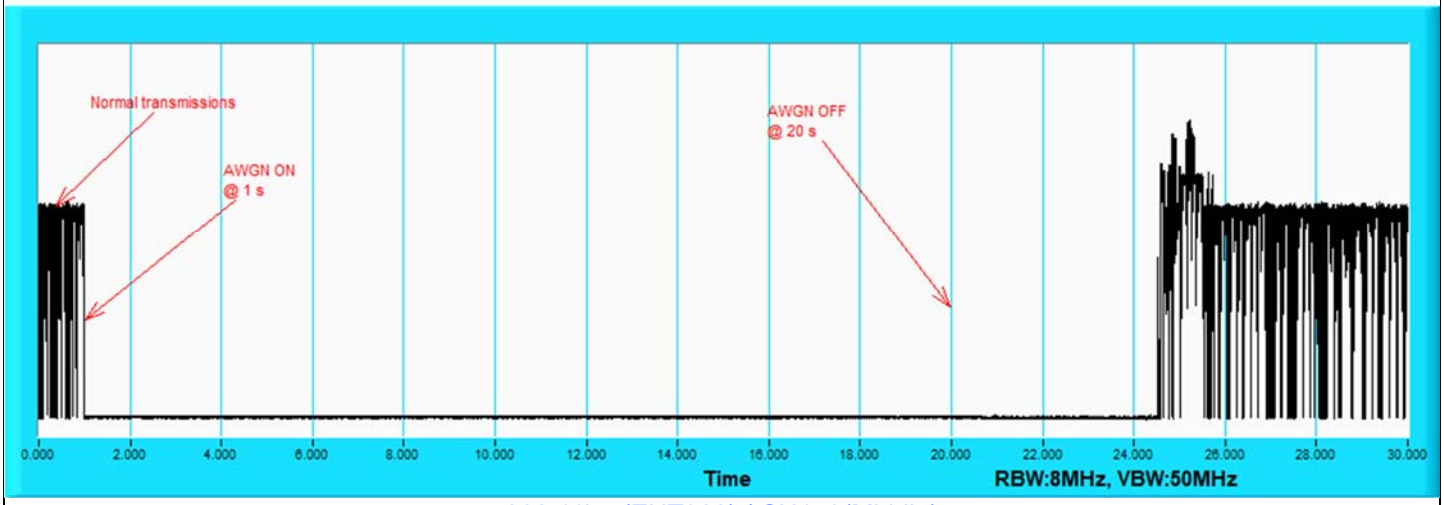
Plots of Injected signal (AWGN) level	
	
802.11be (EHT20) / CH173	802.11be (EHT320) / CH159(Low Edge)
	
802.11be (EHT320) / CH159(Middle)	802.11be (EHT320) / CH159(High Edge)

Plots of EUT ceased transmission in the time domain

802.11be (EHT20) / CH173

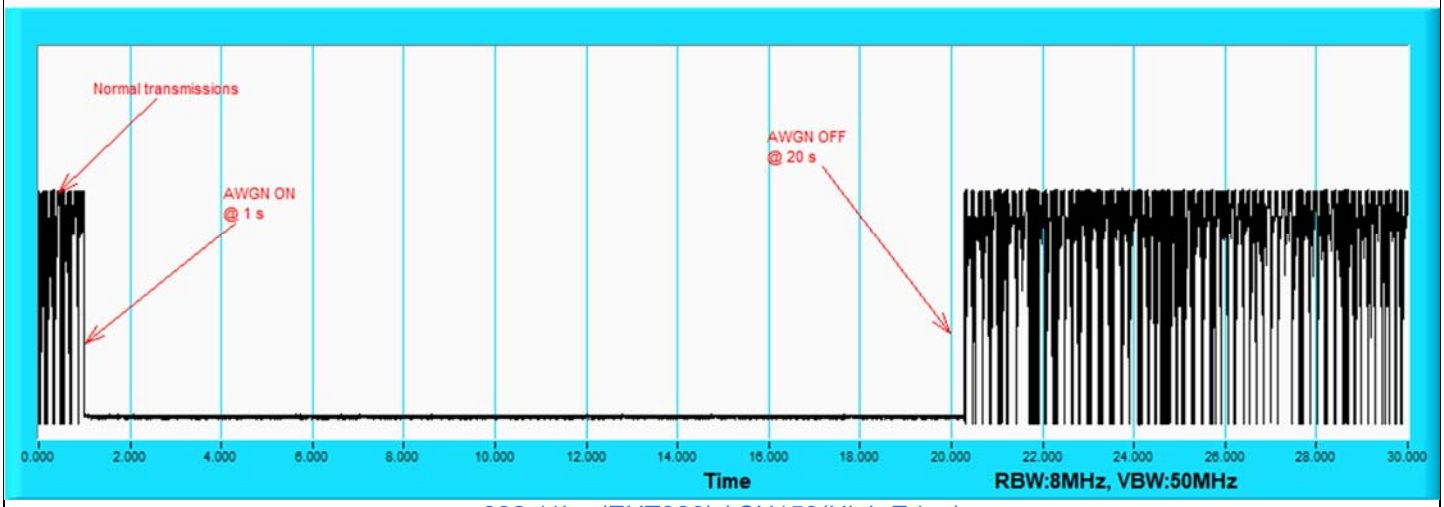
Plots of EUT ceased transmission in the time domain



802.11be (EHT320) / CH159(Low Edge)



802.11be (EHT320) / CH159(Middle)



802.11be (EHT320) / CH159(High Edge)

For U-NII-8

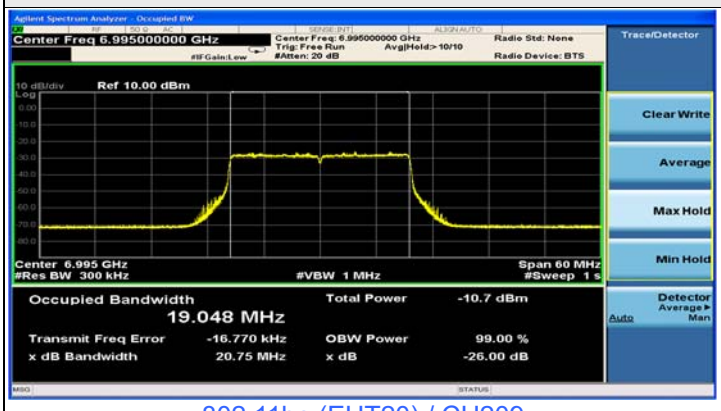
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11be	20	209	6995	6995	-60.29	1.71	0	-62	-62	OFF
					-63	1.71	0	-64.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
	320	191	6905	6750	-61	1.71	0	-62.71	-62	OFF
					-63	1.71	0	-64.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
				6905	-60.29	1.71	0	-62	-62	OFF
					-61	1.71	0	-62.71	-62	Minimal
					-80.29	1.71	0	-82	-62	ON
				7060	-60.3	1.71	0	-62.01	-62	OFF
					-62.3	1.71	0	-64.01	-62	Minimal
					-80.29	1.71	0	-82	-62	ON

Notes:

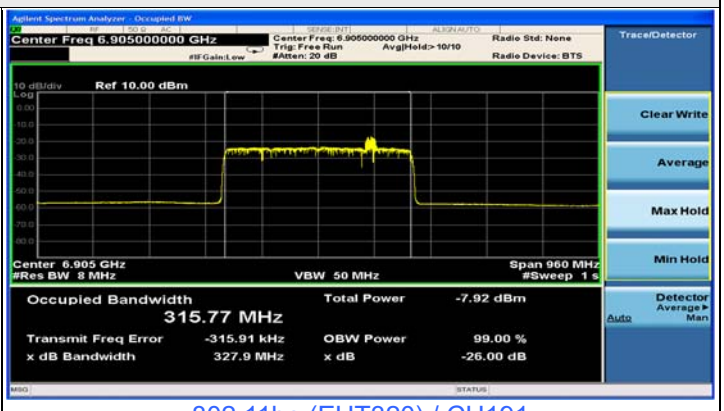
1. After investigation (consider antenna gain and path loss) , the one representative port (ANT6) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

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
802.11be	20	6995	v	v	x	v	v	v	v	v	v	v	90%	90%	Pass
	320	6750	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6905	v	v	v	v	v	x	v	v	v	v	90%	90%	Pass
		7060	v	v	v	v	x	v	v	v	v	v	90%	90%	Pass

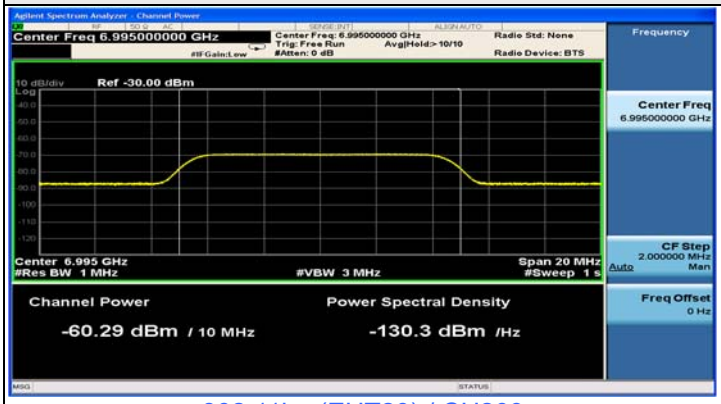
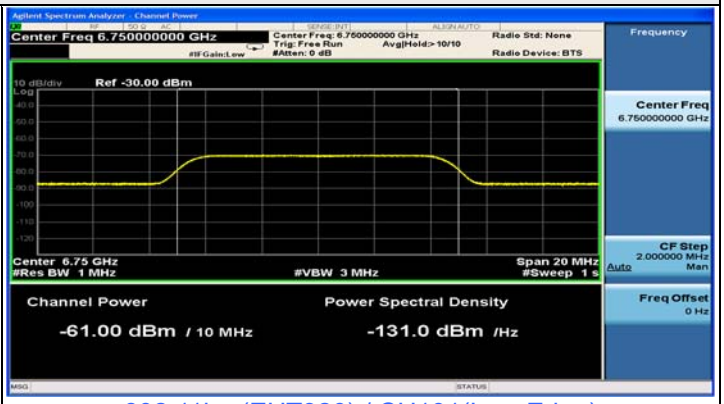
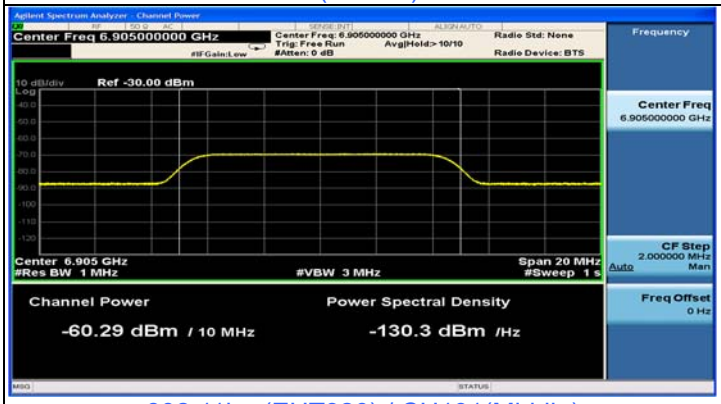
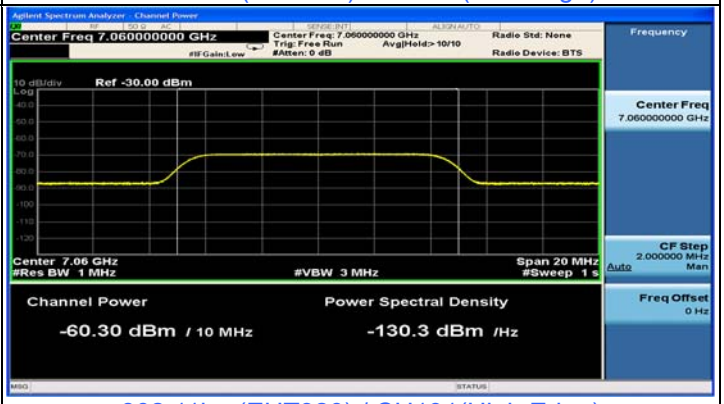
Plots of EUT Tx waveform

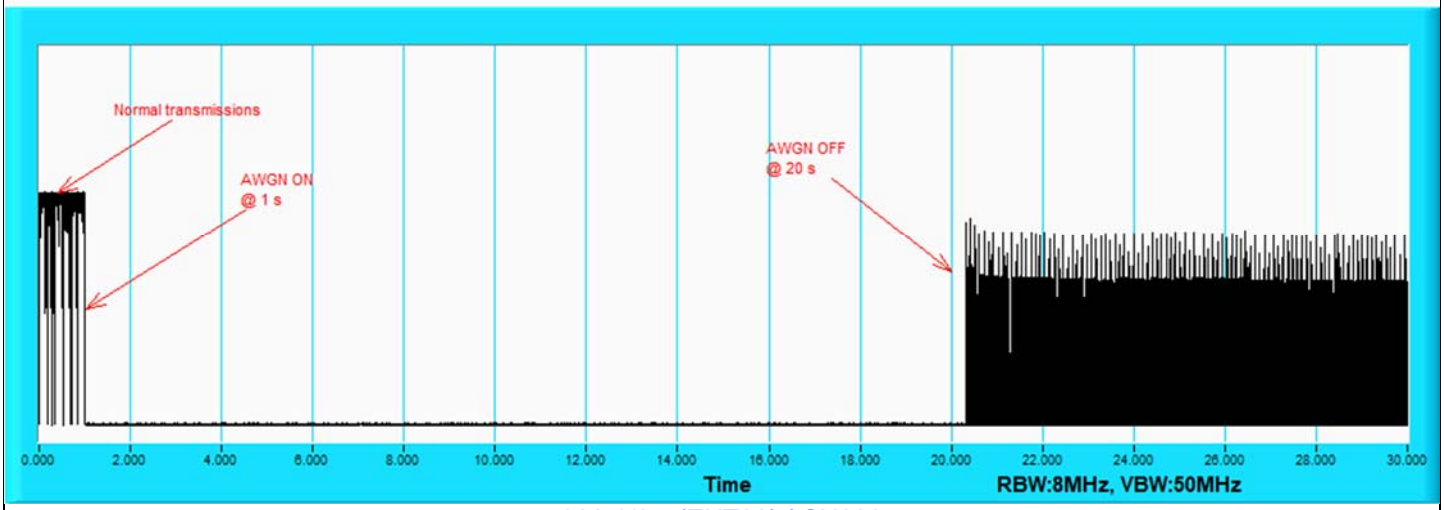


802.11be (EHT20) / CH209

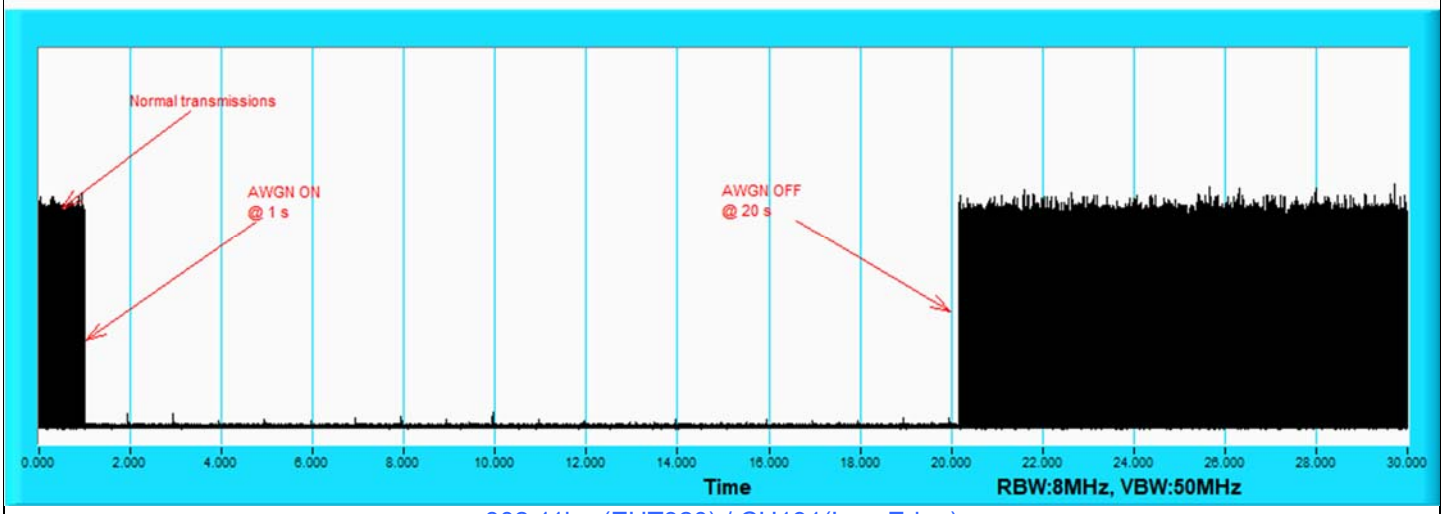


802.11be (EHT320) / CH191

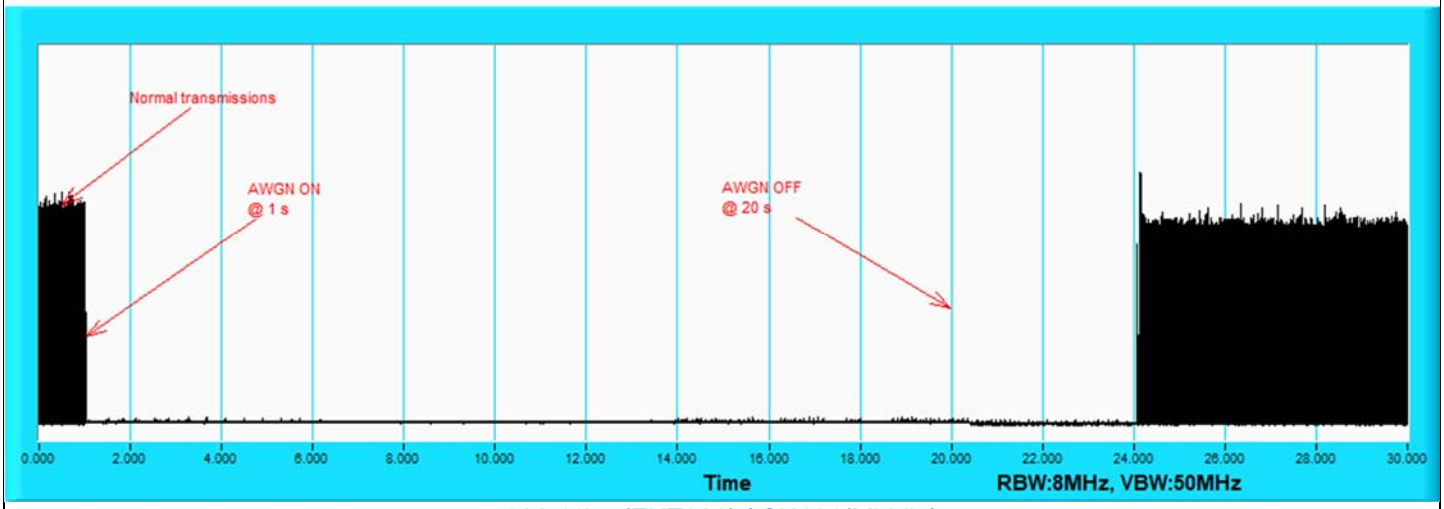
Plots of Injected signal (AWGN) level	
	
802.11be (EHT20) / CH209	802.11be (EHT320) / CH191(Low Edge)
	
802.11be (EHT320) / CH191(Middle)	802.11be (EHT320) / CH191(High Edge)

Plots of EUT ceased transmission in the time domain

802.11be (EHT20) / CH209

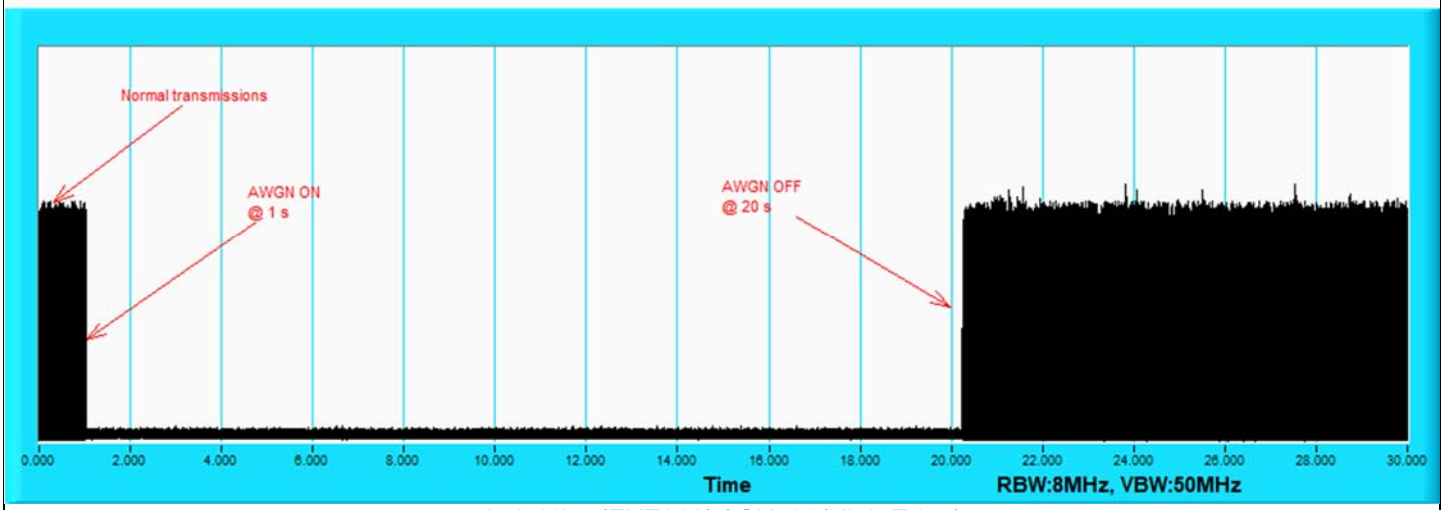
Plots of EUT ceased transmission in the time domain



802.11be (EHT320) / CH191(Low Edge)

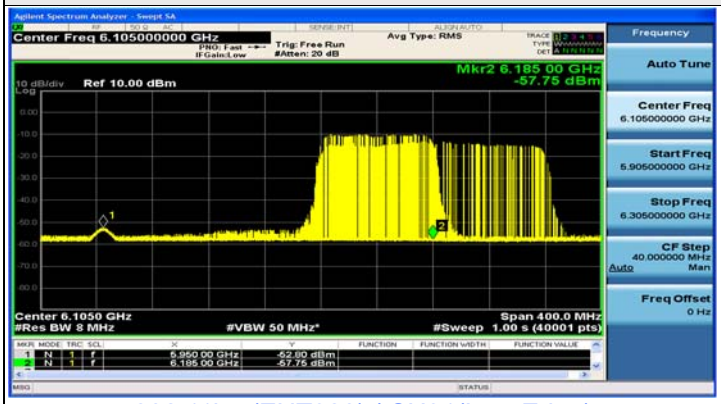
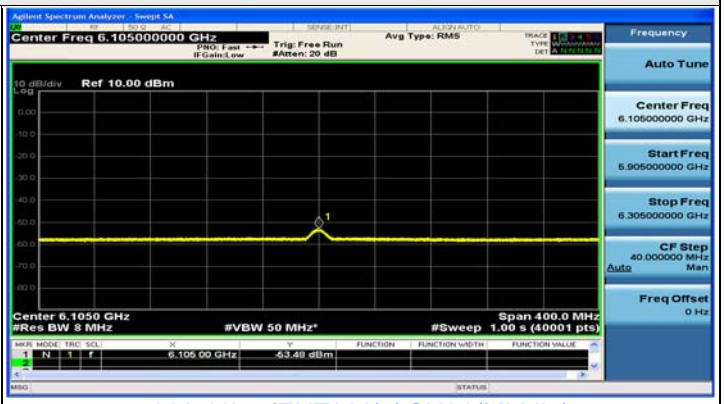
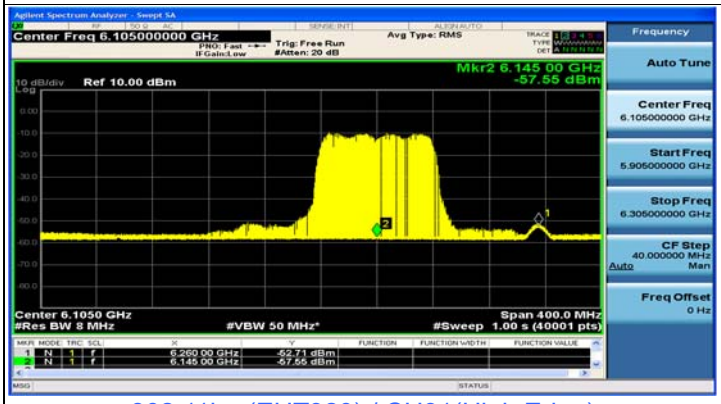


802.11be (EHT320) / CH191(Middle)



802.11be (EHT320) / CH191(High Edge)

For Verify bandwidth reduction

Plots of EUT ceased transmission in the frequency domain	
 802.11be (EHT320) / CH31(Low Edge) A 10 MHz AWGN signal (centered at 5950 MHz) is injected. The channel reduces to a 160 MHz channel centered around 6185 MHz.	 802.11be (EHT320) / CH31(Middle) A 10 MHz AWGN signal (centered at 6105 MHz) is injected. The channel completely ceases operation.
 802.11be (EHT320) / CH31(High Edge) A 10 MHz AWGN signal (centered at 6260 MHz) is injected. The channel reduces to a 80 MHz channel centered around 6145 MHz.	

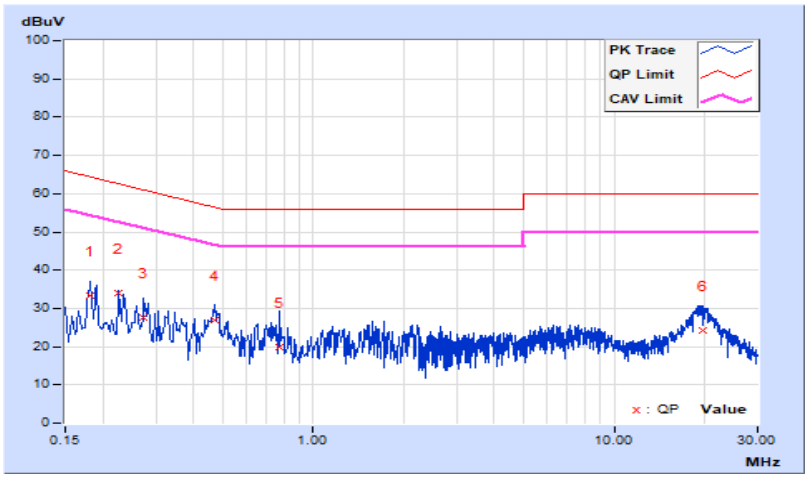
7.8 AC Power Conducted Emissions

RF Mode	802.11be (EHT320)	**Channel**	CH 191：6905 MHz
Frequency Range	150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

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	0.18200	9.69	23.59	12.62	33.28	22.31	64.39	54.39	-31.11	-32.08
2	0.22600	9.72	24.34	20.92	34.06	30.64	62.60	52.60	-28.54	-21.96
3	0.27400	9.74	17.78	8.44	27.52	18.18	61.00	51.00	-33.48	-32.82
4	0.47000	9.82	16.95	10.37	26.77	20.19	56.51	46.51	-29.74	-26.32
5	0.77000	9.84	9.91	3.32	19.75	13.16	56.00	46.00	-36.25	-32.84
6	19.73800	10.20	14.00	3.39	24.20	13.59	60.00	50.00	-35.80	-36.41

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

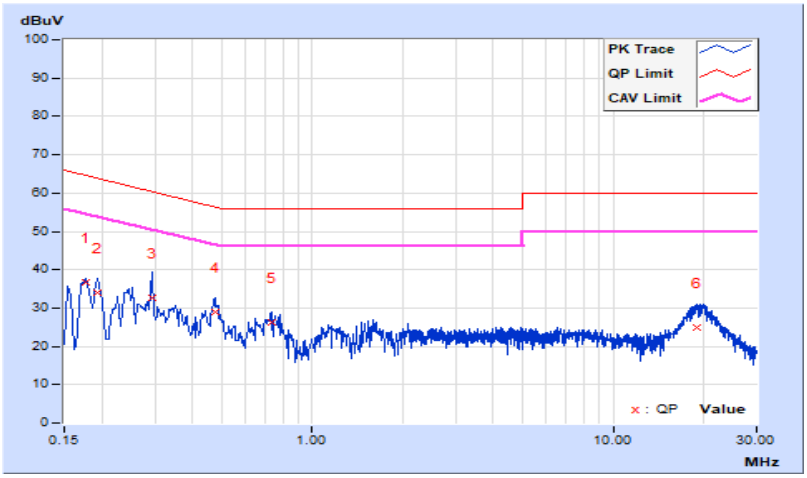


RF Mode	802.11be (EHT320)	Channel	CH 191：6905 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Adair Peng		

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	0.17708	9.69	26.97	19.99	36.66	29.68	64.62	54.62	-27.96	-24.94
2	0.19367	9.70	24.22	15.66	33.92	25.36	63.88	53.88	-29.96	-28.52
3	0.29400	9.77	22.94	13.76	32.71	23.53	60.41	50.41	-27.70	-26.88
4	**0.47400**	**9.85**	**19.27**	**15.95**	**29.12**	**25.80**	**56.44**	**46.44**	**-27.32**	**-20.64**
5	0.73000	9.87	16.27	10.22	26.14	20.09	56.00	46.00	-29.86	-25.91
6	18.97800	10.27	14.66	2.63	24.93	12.90	60.00	50.00	-35.07	-37.10

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



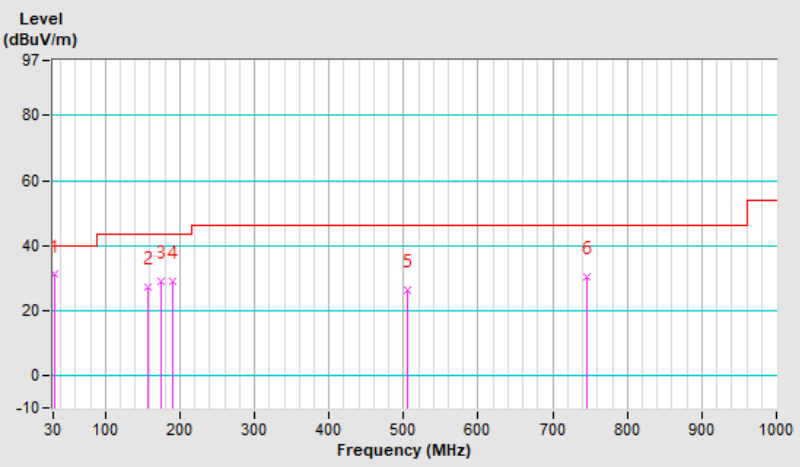
7.9 Unwanted Emissions below 1 GHz

RF Mode	802.11be (EHT320)	**Channel**	CH 191：6905 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

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	31.94	31.0 QP	40.0	-9.0	1.00 H	175	42.0	-11.0
2	158.04	27.1 QP	43.5	-16.4	1.50 H	86	36.1	-9.0
3	174.53	29.2 QP	43.5	-14.3	1.50 H	279	39.0	-9.8
4	191.02	29.2 QP	43.5	-14.3	1.00 H	133	40.9	-11.7
5	504.33	26.1 QP	46.0	-19.9	1.00 H	91	30.0	-3.9
6	744.89	30.4 QP	46.0	-15.6	1.50 H	139	29.1	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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

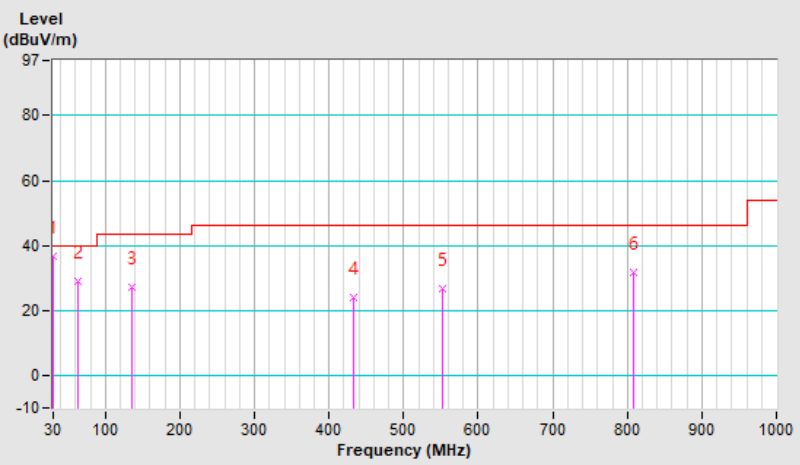


RF Mode	802.11be (EHT320)	**Channel**	CH 191：6905 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

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	**30.00**	**36.6 QP**	**40.0**	**-3.4**	**1.00 V**	**118**	**47.5**	**-10.9**
2	62.98	28.8 QP	40.0	-11.2	1.50 V	15	39.0	-10.2
3	134.76	27.0 QP	43.5	-16.5	1.00 V	165	37.0	-10.0
4	433.52	24.2 QP	46.0	-21.8	2.00 V	345	29.3	-5.1
5	552.83	26.7 QP	46.0	-19.3	1.00 V	312	29.9	-3.2
6	807.94	31.9 QP	46.0	-14.1	1.00 V	307	29.5	2.4

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 of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.10 Unwanted Emissions above 1 GHz

RF Mode	802.11a	Channel	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	62.3 PK	88.2	-25.9	3.81 H	216	48.2	14.1
2	#5925.00	49.4 AV	68.2	-18.8	3.81 H	216	35.3	14.1
3	*5955.00	104.3 PK			3.81 H	216	59.4	44.9
4	*5955.00	94.6 AV			3.81 H	216	49.7	44.9
5	11910.00	62.1 PK	74.0	-11.9	2.68 H	114	41.4	20.7
6	11910.00	49.1 AV	54.0	-4.9	2.68 H	114	28.4	20.7
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	62.5 PK	88.2	-25.7	1.54 V	327	48.4	14.1
2	#5925.00	49.6 AV	68.2	-18.6	1.54 V	327	35.5	14.1
3	*5955.00	107.1 PK			1.54 V	327	62.2	44.9
4	*5955.00	97.6 AV			1.54 V	327	52.7	44.9
5	11910.00	62.3 PK	74.0	-11.7	1.98 V	210	41.6	20.7
6	11910.00	49.3 AV	54.0	-4.7	1.98 V	210	28.6	20.7

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	802.11a	Channel	CH 45：6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.5 PK			3.84 H	218	59.1	45.4
2	*6175.00	95.8 AV			3.84 H	218	50.4	45.4
3	12350.00	61.8 PK	74.0	-12.2	2.80 H	142	41.0	20.8
4	12350.00	49.0 AV	54.0	-5.0	2.80 H	142	28.2	20.8
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	*6175.00	107.7 PK			1.47 V	329	62.3	45.4
2	*6175.00	98.8 AV			1.47 V	329	53.4	45.4
3	12350.00	62.3 PK	74.0	-11.7	1.99 V	215	41.5	20.8
4	12350.00	49.2 AV	54.0	-4.8	1.99 V	215	28.4	20.8

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	802.11a	Channel	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.2 PK			3.89 H	215	57.6	46.6
2	*6415.00	94.5 AV			3.89 H	215	47.9	46.6
3	#12830.00	61.9 PK	88.2	-26.3	2.70 H	115	40.3	21.6
4	#12830.00	48.9 AV	68.2	-19.3	2.70 H	115	27.3	21.6
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	*6415.00	107.5 PK			1.58 V	336	60.9	46.6
2	*6415.00	97.8 AV			1.58 V	336	51.2	46.6
3	#12830.00	62.1 PK	88.2	-26.1	2.00 V	234	40.5	21.6
4	#12830.00	48.9 AV	68.2	-19.3	2.00 V	234	27.3	21.6

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	802.11a	Channel	CH 97：6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.2 PK			3.80 H	214	57.6	46.6
2	*6435.00	94.5 AV			3.80 H	214	47.9	46.6
3	#12870.00	61.8 PK	88.2	-26.4	2.70 H	134	40.2	21.6
4	#12870.00	49.0 AV	68.2	-19.2	2.70 H	134	27.4	21.6
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	*6435.00	107.4 PK			1.61 V	322	60.8	46.6
2	*6435.00	97.8 AV			1.61 V	322	51.2	46.6
3	#12870.00	62.2 PK	88.2	-26.0	1.99 V	218	7.4	54.8
4	#12870.00	49.4 AV	68.2	-18.8	1.99 V	218	-5.4	54.8

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	802.11a	Channel	CH 105：6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.4 PK			3.88 H	215	57.6	46.8
2	*6475.00	94.2 AV			3.88 H	215	47.4	46.8
3	#12950.00	62.0 PK	88.2	-26.2	2.71 H	118	40.2	21.8
4	#12950.00	48.8 AV	68.2	-19.4	2.71 H	118	27.0	21.8
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	*6475.00	107.5 PK			1.55 V	328	60.7	46.8
2	*6475.00	97.6 AV			1.55 V	328	50.8	46.8
3	#12950.00	62.2 PK	88.2	-26.0	1.97 V	214	40.4	21.8
4	#12950.00	49.1 AV	68.2	-19.1	1.97 V	214	27.3	21.8

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	802.11a	Channel	CH 113：6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.5 PK			3.79 H	214	57.5	47.0
2	*6515.00	94.5 AV			3.79 H	214	47.5	47.0
3	#13030.00	62.1 PK	88.2	-26.1	2.69 H	115	40.2	21.9
4	#13030.00	49.1 AV	68.2	-19.1	2.69 H	115	27.2	21.9
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	*6515.00	107.6 PK			1.55 V	330	60.6	47.0
2	*6515.00	97.9 AV			1.55 V	330	50.9	47.0
3	#13030.00	62.5 PK	88.2	-25.7	1.99 V	211	40.6	21.9
4	#13030.00	49.6 AV	68.2	-18.6	1.99 V	211	27.7	21.9

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	802.11a	Channel	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.1 PK			3.80 H	219	56.9	47.2
2	*6535.00	94.3 AV			3.80 H	219	47.1	47.2
3	#13070.00	61.9 PK	88.2	-26.3	2.65 H	120	39.9	22.0
4	#13070.00	49.2 AV	68.2	-19.0	2.65 H	120	27.2	22.0
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	*6535.00	107.2 PK			1.61 V	322	60.0	47.2
2	*6535.00	97.7 AV			1.61 V	322	50.5	47.2
3	#13070.00	62.2 PK	88.2	-26.0	2.20 V	241	40.2	22.0
4	#13070.00	49.5 AV	68.2	-18.7	2.20 V	241	27.5	22.0

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	802.11a	Channel	CH 149：6695 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.5 PK			3.89 H	214	57.1	47.4
2	*6695.00	95.0 AV			3.89 H	214	47.6	47.4
3	13390.00	62.1 PK	74.0	-11.9	2.69 H	115	39.3	22.8
4	13390.00	49.2 AV	54.0	-4.8	2.69 H	115	26.4	22.8
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	*6695.00	107.8 PK			1.60 V	322	60.4	47.4
2	*6695.00	98.1 AV			1.60 V	322	50.7	47.4
3	13390.00	62.5 PK	74.0	-11.5	1.89 V	217	39.7	22.8
4	13390.00	49.5 AV	54.0	-4.5	1.89 V	217	26.7	22.8

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	802.11a	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.5 PK			3.84 H	220	57.1	47.4
2	*6855.00	95.1 AV			3.84 H	220	47.7	47.4
3	#13710.00	62.2 PK	88.2	-26.0	2.65 H	119	38.7	23.5
4	#13710.00	49.3 AV	68.2	-18.9	2.65 H	119	25.8	23.5
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	*6855.00	107.7 PK			1.60 V	319	60.3	47.4
2	*6855.00	98.0 AV			1.60 V	319	50.6	47.4
3	#13710.00	62.5 PK	88.2	-25.7	1.99 V	218	39.0	23.5
4	#13710.00	49.5 AV	68.2	-18.7	1.99 V	218	26.0	23.5

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	802.11a	Channel	CH 185：6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.6 PK			3.80 H	214	57.0	47.6
2	*6875.00	94.5 AV			3.80 H	214	46.9	47.6
3	#13750.00	62.5 PK	88.2	-25.7	2.79 H	136	38.9	23.6
4	#13750.00	49.3 AV	68.2	-18.9	2.79 H	136	25.7	23.6
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	*6875.00	107.8 PK			1.52 V	336	60.2	47.6
2	*6875.00	97.9 AV			1.52 V	336	50.3	47.6
3	#13750.00	62.9 PK	88.2	-25.3	1.97 V	225	39.3	23.6
4	#13750.00	49.6 AV	68.2	-18.6	1.97 V	225	26.0	23.6

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	802.11a	Channel	CH 209：6995 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.6 PK			3.80 H	217	55.9	48.7
2	*6995.00	94.4 AV			3.80 H	217	45.7	48.7
3	#13990.00	63.4 PK	88.2	-24.8	2.62 H	115	38.9	24.5
4	#13990.00	49.8 AV	68.2	-18.4	2.62 H	115	25.3	24.5
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	*6995.00	107.8 PK			1.49 V	325	59.1	48.7
2	*6995.00	97.6 AV			1.49 V	325	48.9	48.7
3	#13990.00	63.8 PK	88.2	-24.4	1.99 V	211	39.3	24.5
4	#13990.00	50.1 AV	68.2	-18.1	1.99 V	211	25.6	24.5

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	802.11a	Channel	CH 233：7115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	103.9 PK			3.80 H	158	55.1	48.8
2	*7115.00	93.6 AV			3.80 H	158	44.8	48.8
3	#7125.00	81.9 PK	88.2	-6.3	3.80 H	158	65.0	16.9
4	#7125.00	65.9 AV	68.2	-2.3	3.80 H	158	49.0	16.9
5	#14230.00	64.3 PK	88.2	-23.9	2.66 H	118	39.4	24.9
6	#14230.00	51.2 AV	68.2	-17.0	2.66 H	118	26.3	24.9
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	105.0 PK			1.48 V	300	56.2	48.8
2	*7115.00	95.7 AV			1.48 V	300	46.9	48.8
3	#7125.00	83.3 PK	88.2	-4.9	1.48 V	300	66.4	16.9
4	#7125.00	66.1 AV	68.2	-2.1	1.48 V	300	49.2	16.9
5	#14230.00	64.6 PK	88.2	-23.6	1.99 V	225	39.7	24.9
6	#14230.00	51.5 AV	68.2	-16.7	1.99 V	225	26.6	24.9

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	802.11be (EHT20)	Channel	CH 1：5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	62.3 PK	88.2	-25.9	3.81 H	218	48.2	14.1
2	#5925.00	49.3 AV	68.2	-18.9	3.81 H	218	35.2	14.1
3	*5955.00	105.5 PK			3.81 H	218	60.6	44.9
4	*5955.00	93.2 AV			3.81 H	218	48.3	44.9
5	11910.00	62.2 PK	74.0	-11.8	2.69 H	124	41.5	20.7
6	11910.00	48.9 AV	54.0	-5.1	2.69 H	124	28.2	20.7
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	62.6 PK	88.2	-25.6	1.82 V	325	48.5	14.1
2	#5925.00	49.7 AV	68.2	-18.5	1.82 V	325	35.6	14.1
3	*5955.00	110.3 PK			1.82 V	325	65.4	44.9
4	*5955.00	97.2 AV			1.82 V	325	52.3	44.9
5	11910.00	62.5 PK	74.0	-11.5	1.85 V	215	41.8	20.7
6	11910.00	49.2 AV	54.0	-4.8	1.85 V	215	28.5	20.7

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	802.11be (EHT20)	Channel	CH 45：6175 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	107.6 PK			3.80 H	216	62.2	45.4
2	*6175.00	95.0 AV			3.80 H	216	49.6	45.4
3	12350.00	62.0 PK	74.0	-12.0	2.78 H	126	41.2	20.8
4	12350.00	49.0 AV	54.0	-5.0	2.78 H	126	28.2	20.8
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	*6175.00	111.0 PK			1.71 V	332	65.6	45.4
2	*6175.00	98.2 AV			1.71 V	332	52.8	45.4
3	12350.00	62.6 PK	74.0	-11.4	1.99 V	214	41.8	20.8
4	12350.00	49.3 AV	54.0	-4.7	1.99 V	214	28.5	20.8

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	802.11be (EHT20)	Channel	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	106.2 PK			3.82 H	215	59.6	46.6
2	*6415.00	94.1 AV			3.82 H	215	47.5	46.6
3	#12830.00	61.8 PK	88.2	-26.4	2.67 H	117	40.2	21.6
4	#12830.00	48.9 AV	68.2	-19.3	2.67 H	117	27.3	21.6
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	*6415.00	109.6 PK			1.67 V	334	63.0	46.6
2	*6415.00	97.4 AV			1.67 V	334	50.8	46.6
3	#12830.00	62.4 PK	88.2	-25.8	1.88 V	216	40.8	21.6
4	#12830.00	49.3 AV	68.2	-18.9	1.88 V	216	27.7	21.6

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	802.11be (EHT20)	Channel	CH 97：6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	107.1 PK			3.83 H	220	60.5	46.6
2	*6435.00	94.3 AV			3.83 H	220	47.7	46.6
3	#12870.00	62.7 PK	88.2	-25.5	2.64 H	124	41.1	21.6
4	#12870.00	49.8 AV	68.2	-18.4	2.64 H	124	28.2	21.6
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	*6435.00	110.4 PK			1.47 V	334	63.8	46.6
2	*6435.00	97.8 AV			1.47 V	334	51.2	46.6
3	#12870.00	63.3 PK	88.2	-24.9	1.90 V	214	41.7	21.6
4	#12870.00	50.2 AV	68.2	-18.0	1.90 V	214	28.6	21.6

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	802.11be (EHT20)	Channel	CH 105：6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	106.8 PK			3.79 H	216	60.0	46.8
2	*6475.00	94.1 AV			3.79 H	216	47.3	46.8
3	#12950.00	62.3 PK	88.2	-25.9	2.69 H	113	40.5	21.8
4	#12950.00	49.5 AV	68.2	-18.7	2.69 H	113	27.7	21.8
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	*6475.00	110.0 PK			1.55 V	340	63.2	46.8
2	*6475.00	97.3 AV			1.55 V	340	50.5	46.8
3	#12950.00	62.9 PK	88.2	-25.3	1.88 V	214	41.1	21.8
4	#12950.00	49.8 AV	68.2	-18.4	1.88 V	214	28.0	21.8

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	802.11be (EHT20)	Channel	CH 113：6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	107.0 PK			3.88 H	214	60.0	47.0
2	*6515.00	94.1 AV			3.88 H	214	47.1	47.0
3	#13030.00	62.4 PK	88.2	-25.8	2.65 H	123	40.5	21.9
4	#13030.00	27.3 AV	68.2	-40.9	2.65 H	123	5.4	21.9
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	*6515.00	110.2 PK			1.49 V	333	63.2	47.0
2	*6515.00	97.2 AV			1.49 V	333	50.2	47.0
3	#13030.00	62.8 PK	88.2	-25.4	1.94 V	211	40.9	21.9
4	#13030.00	49.7 AV	68.2	-18.5	1.94 V	211	27.8	21.9

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	802.11be (EHT20)	Channel	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	107.5 PK			3.79 H	215	60.3	47.2
2	*6535.00	94.3 AV			3.79 H	215	47.1	47.2
3	#13070.00	62.7 PK	88.2	-25.5	2.70 H	119	40.7	22.0
4	#13070.00	49.7 AV	68.2	-18.5	2.70 H	119	27.7	22.0
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	*6535.00	110.8 PK			1.59 V	341	63.6	47.2
2	*6535.00	97.6 AV			1.59 V	341	50.4	47.2
3	#13070.00	63.1 PK	88.2	-25.1	1.88 V	216	41.1	22.0
4	#13070.00	50.0 AV	68.2	-18.2	1.88 V	216	28.0	22.0

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	802.11be (EHT20)	**Channel**	CH 149：6695 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Luies 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	107.0 PK			3.85 H	213	59.6	47.4
2	*6695.00	94.2 AV			3.85 H	213	46.8	47.4
3	13390.00	63.0 PK	74.0	-11.0	2.65 H	124	40.2	22.8
4	13390.00	49.8 AV	54.0	-4.2	2.65 H	124	27.0	22.8
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	*6695.00	110.1 PK			1.49 V	325	62.7	47.4
2	*6695.00	97.4 AV			1.49 V	325	50.0	47.4
3	13390.00	63.2 PK	74.0	-10.8	1.94 V	227	40.4	22.8
4	13390.00	50.1 AV	54.0	-3.9	1.94 V	227	27.3	22.8

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	802.11be (EHT20)	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	105.4 PK			3.80 H	216	58.0	47.4
2	*6855.00	93.2 AV			3.80 H	216	45.8	47.4
3	#13710.00	63.4 PK	88.2	-24.8	2.64 H	118	39.9	23.5
4	#13710.00	50.0 AV	68.2	-18.2	2.64 H	118	26.5	23.5
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	*6855.00	108.6 PK			1.50 V	340	61.2	47.4
2	*6855.00	96.4 AV			1.50 V	340	49.0	47.4
3	#13710.00	63.8 PK	88.2	-24.4	1.95 V	211	40.3	23.5
4	#13710.00	50.4 AV	68.2	-17.8	1.95 V	211	26.9	23.5

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	802.11be (EHT20)	Channel	CH 185：6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	106.6 PK			3.84 H	216	59.0	47.6
2	*6875.00	94.0 AV			3.84 H	216	46.4	47.6
3	#13750.00	62.5 PK	88.2	-25.7	2.63 H	128	38.9	23.6
4	#13750.00	50.3 AV	68.2	-17.9	2.63 H	128	26.7	23.6
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	*6875.00	109.7 PK			1.56 V	336	62.1	47.6
2	*6875.00	97.0 AV			1.56 V	336	49.4	47.6
3	#13750.00	62.9 PK	88.2	-25.3	1.74 V	234	39.3	23.6
4	#13750.00	50.6 AV	68.2	-17.6	1.74 V	234	27.0	23.6

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	802.11be (EHT20)	Channel	CH 209：6995 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	105.4 PK			3.80 H	216	56.7	48.7
2	*6995.00	93.0 AV			3.80 H	216	44.3	48.7
3	#13990.00	63.1 PK	88.2	-25.1	2.66 H	117	38.6	24.5
4	#13990.00	50.2 AV	68.2	-18.0	2.66 H	117	25.7	24.5
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	*6995.00	108.6 PK			1.54 V	191	59.9	48.7
2	*6995.00	96.1 AV			1.54 V	191	47.4	48.7
3	#13990.00	63.4 PK	88.2	-24.8	1.88 V	222	38.9	24.5
4	#13990.00	50.7 AV	68.2	-17.5	1.88 V	222	26.2	24.5

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	802.11be (EHT20)	Channel	CH 233：7115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	96.9 PK			3.81 H	159	48.1	48.8
2	*7115.00	83.8 AV			3.81 H	159	35.0	48.8
3	#7125.00	77.7 PK	88.2	-10.5	3.81 H	159	60.8	16.9
4	#7125.00	61.7 AV	68.2	-6.5	3.81 H	159	44.8	16.9
5	#14230.00	64.2 PK	88.2	-24.0	2.64 H	119	39.3	24.9
6	#14230.00	51.0 AV	68.2	-17.2	2.64 H	119	26.1	24.9
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	98.5 PK			1.47 V	194	49.7	48.8
2	*7115.00	85.3 AV			1.47 V	194	36.5	48.8
3	#7125.00	79.9 PK	88.2	-8.3	1.47 V	194	63.0	16.9
4	**#7125.00**	**67.7 AV**	**68.2**	**-0.5**	**1.47 V**	**194**	**50.8**	**16.9**
5	#14230.00	64.5 PK	88.2	-23.7	1.90 V	241	39.6	24.9
6	#14230.00	51.2 AV	68.2	-17.0	1.90 V	241	26.3	24.9

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	802.11be (EHT40)	Channel	CH 3：5965 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	62.2 PK	88.2	-26.0	3.81 H	216	48.1	14.1
2	#5925.00	49.2 AV	68.2	-19.0	3.81 H	216	35.1	14.1
3	*5965.00	103.2 PK			3.81 H	216	58.2	45.0
4	*5965.00	91.1 AV			3.81 H	216	46.1	45.0
5	11930.00	62.3 PK	74.0	-11.7	2.67 H	115	41.6	20.7
6	11930.00	49.0 AV	54.0	-5.0	2.67 H	115	28.3	20.7
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	62.6 PK	88.2	-25.6	1.45 V	324	48.5	14.1
2	#5925.00	49.5 AV	68.2	-18.7	1.45 V	324	35.4	14.1
3	*5965.00	107.5 PK			1.45 V	324	62.5	45.0
4	*5965.00	94.3 AV			1.45 V	324	49.3	45.0
5	11930.00	62.5 PK	74.0	-11.5	1.99 V	210	41.8	20.7
6	11930.00	49.1 AV	54.0	-4.9	1.99 V	210	28.4	20.7

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	802.11be (EHT40)	Channel	CH 43：6165 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.2 PK			3.80 H	215	58.9	45.3
2	*6165.00	91.1 AV			3.80 H	215	45.8	45.3
3	12330.00	62.1 PK	74.0	-11.9	2.68 H	115	41.3	20.8
4	12330.00	49.2 AV	54.0	-4.8	2.68 H	115	28.4	20.8
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	*6165.00	107.4 PK			1.55 V	328	62.1	45.3
2	*6165.00	94.2 AV			1.55 V	328	48.9	45.3
3	12330.00	62.4 PK	74.0	-11.6	1.86 V	225	41.6	20.8
4	12330.00	49.5 AV	54.0	-4.5	1.86 V	225	28.7	20.8

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	802.11be (EHT40)	Channel	CH 91：6405 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.1 PK			3.83 H	218	57.5	46.6
2	*6405.00	91.0 AV			3.83 H	218	44.4	46.6
3	#12810.00	62.2 PK	88.2	-26.0	2.64 H	120	40.6	21.6
4	#12810.00	49.0 AV	68.2	-19.2	2.64 H	120	27.4	21.6
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	*6405.00	107.3 PK			1.49 V	324	60.7	46.6
2	*6405.00	94.2 AV			1.49 V	324	47.6	46.6
3	#12810.00	62.6 PK	88.2	-25.6	1.87 V	213	41.0	21.6
4	#12810.00	49.3 AV	68.2	-18.9	1.87 V	213	27.7	21.6

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	802.11be (EHT40)	Channel	CH 99：6445 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.6 PK			3.88 H	216	58.0	46.6
2	*6445.00	91.0 AV			3.88 H	216	44.4	46.6
3	#12890.00	62.3 PK	88.2	-25.9	2.63 H	119	40.7	21.6
4	#12890.00	49.1 AV	68.2	-19.1	2.63 H	119	27.5	21.6
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	*6445.00	107.8 PK			1.50 V	331	61.2	46.6
2	*6445.00	94.2 AV			1.50 V	331	47.6	46.6
3	#12890.00	62.7 PK	88.2	-25.5	1.89 V	218	41.1	21.6
4	#12890.00	49.5 AV	68.2	-18.7	1.89 V	218	27.9	21.6

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	802.11be (EHT40)	Channel	CH 107：6485 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.2 PK			3.80 H	214	57.3	46.9
2	*6485.00	91.1 AV			3.80 H	214	44.2	46.9
3	#12970.00	62.5 PK	88.2	-25.7	2.66 H	129	40.7	21.8
4	#12970.00	49.4 AV	68.2	-18.8	2.66 H	129	27.6	21.8
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	*6485.00	107.4 PK			1.44 V	325	60.5	46.9
2	*6485.00	94.3 AV			1.44 V	325	47.4	46.9
3	#12970.00	62.9 PK	88.2	-25.3	1.85 V	236	41.1	21.8
4	#12970.00	49.8 AV	68.2	-18.4	1.85 V	236	28.0	21.8

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	802.11be (EHT40)	Channel	CH 115：6525 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.2 PK			3.81 H	211	57.2	47.0
2	*6525.00	91.0 AV			3.81 H	211	44.0	47.0
3	#13050.00	62.5 PK	88.2	-25.7	2.67 H	115	40.6	21.9
4	#13050.00	49.3 AV	68.2	-18.9	2.67 H	115	27.4	21.9
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	*6525.00	107.4 PK			1.51 V	338	60.4	47.0
2	*6525.00	94.1 AV			1.51 V	338	47.1	47.0
3	#13050.00	62.8 PK	88.2	-25.4	1.96 V	215	40.9	21.9
4	#13050.00	49.7 AV	68.2	-18.5	1.96 V	215	27.8	21.9

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	802.11be (EHT40)	Channel	CH 123：6565 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.0 PK			3.81 H	214	56.7	47.3
2	*6565.00	91.0 AV			3.81 H	214	43.7	47.3
3	#13130.00	62.5 PK	88.2	-25.7	2.66 H	120	40.4	22.1
4	#13130.00	49.6 AV	68.2	-18.6	2.66 H	120	27.5	22.1
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	*6565.00	107.2 PK			1.48 V	319	59.9	47.3
2	*6565.00	94.1 AV			1.48 V	319	46.8	47.3
3	#13130.00	63.0 PK	88.2	-25.2	1.75 V	234	40.9	22.1
4	#13130.00	49.9 AV	68.2	-18.3	1.75 V	234	27.8	22.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11be (EHT40)	Channel	CH 155：6725 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.0 PK			3.79 H	211	56.5	47.5
2	*6725.00	90.6 AV			3.79 H	211	43.1	47.5
3	#13450.00	62.6 PK	88.2	-25.6	2.63 H	124	39.4	23.2
4	#13450.00	49.7 AV	68.2	-18.5	2.63 H	124	26.5	23.2
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	107.1 PK			1.39 V	330	59.6	47.5
2	*6725.00	93.8 AV			1.39 V	330	46.3	47.5
3	#13450.00	63.0 PK	88.2	-25.2	1.96 V	216	39.8	23.2
4	#13450.00	49.9 AV	68.2	-18.3	1.96 V	216	26.7	23.2

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	802.11be (EHT40)	Channel	CH 179：6845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	103.6 PK			3.84 H	219	56.2	47.4
2	*6845.00	90.5 AV			3.84 H	219	43.1	47.4
3	#13690.00	63.0 PK	88.2	-25.2	2.63 H	118	39.5	23.5
4	#13690.00	50.0 AV	68.2	-18.2	2.63 H	118	26.5	23.5
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	*6845.00	106.9 PK			1.44 V	321	59.5	47.4
2	*6845.00	93.7 AV			1.44 V	321	46.3	47.4
3	#13690.00	63.2 PK	88.2	-25.0	1.94 V	218	39.7	23.5
4	#13690.00	50.3 AV	68.2	-17.9	1.94 V	218	26.8	23.5

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	802.11be (EHT40)	Channel	CH 187：6885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	104.0 PK			3.80 H	219	56.3	47.7
2	*6885.00	91.0 AV			3.80 H	219	43.3	47.7
3	#13770.00	63.3 PK	88.2	-24.9	2.69 H	121	39.5	23.8
4	#13770.00	50.1 AV	68.2	-18.1	2.69 H	121	26.3	23.8
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	*6885.00	107.0 PK			1.49 V	317	59.3	47.7
2	*6885.00	94.0 AV			1.49 V	317	46.3	47.7
3	#13770.00	63.6 PK	88.2	-24.6	1.92 V	237	39.8	23.8
4	#13770.00	50.4 AV	68.2	-17.8	1.92 V	237	26.6	23.8

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	802.11be (EHT40)	Channel	CH 211：7005 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	102.0 PK			3.84 H	211	53.2	48.8
2	*7005.00	89.6 AV			3.84 H	211	40.8	48.8
3	#14010.00	64.0 PK	88.2	-24.2	2.66 H	124	39.4	24.6
4	#14010.00	50.9 AV	68.2	-17.3	2.66 H	124	26.3	24.6
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	*7005.00	105.2 PK			2.17 V	191	56.4	48.8
2	*7005.00	92.6 AV			2.17 V	191	43.8	48.8
3	#14010.00	64.3 PK	88.2	-23.9	1.86 V	213	39.7	24.6
4	#14010.00	51.2 AV	68.2	-17.0	1.86 V	213	26.6	24.6

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	802.11be (EHT40)	Channel	CH 227：7085 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	102.8 PK			3.71 H	164	54.2	48.6
2	*7085.00	90.5 AV			3.71 H	164	41.9	48.6
3	#7125.00	56.9 PK	88.2	-31.3	3.71 H	164	40.0	16.9
4	#7125.00	44.3 AV	68.2	-23.9	3.71 H	164	27.4	16.9
5	#14170.00	64.4 PK	88.2	-23.8	2.60 H	128	39.5	24.9
6	#14170.00	51.2 AV	68.2	-17.0	2.60 H	128	26.3	24.9
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	*7085.00	105.8 PK			1.50 V	193	57.2	48.6
2	*7085.00	92.2 AV			1.50 V	193	43.6	48.6
3	#7125.00	58.5 PK	88.2	-29.7	1.50 V	193	41.6	16.9
4	#7125.00	44.9 AV	68.2	-23.3	1.50 V	193	28.0	16.9
5	#14170.00	64.7 PK	88.2	-23.5	1.96 V	222	39.8	24.9
6	#14170.00	51.4 AV	68.2	-16.8	1.96 V	222	26.5	24.9

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	802.11be (EHT80)	Channel	CH 7：5985 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	62.1 PK	88.2	-26.1	1.47 H	156	48.0	14.1
2	#5925.00	49.3 AV	68.2	-18.9	1.47 H	156	35.2	14.1
3	*5985.00	100.3 PK			1.47 H	156	55.3	45.0
4	*5985.00	88.1 AV			1.47 H	156	43.1	45.0
5	11970.00	62.1 PK	74.0	-11.9	2.56 H	135	41.5	20.6
6	11970.00	48.6 AV	54.0	-5.4	2.56 H	135	28.0	20.6
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	62.5 PK	88.2	-25.7	1.42 V	327	48.4	14.1
2	#5925.00	49.7 AV	68.2	-18.5	1.42 V	327	35.6	14.1
3	*5985.00	104.4 PK			1.42 V	327	59.4	45.0
4	*5985.00	91.3 AV			1.42 V	327	46.3	45.0
5	11970.00	62.5 PK	74.0	-11.5	1.78 V	225	41.9	20.6
6	11970.00	49.2 AV	54.0	-4.8	1.78 V	225	28.6	20.6

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	802.11be (EHT80)	Channel	CH 39：6145 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	101.1 PK			1.33 H	185	55.9	45.2
2	*6145.00	88.1 AV			1.33 H	185	42.9	45.2
3	12290.00	62.1 PK	74.0	-11.9	2.59 H	152	41.2	20.9
4	12290.00	48.9 AV	54.0	-5.1	2.59 H	152	28.0	20.9
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	*6145.00	104.3 PK			1.45 V	339	59.1	45.2
2	*6145.00	91.2 AV			1.45 V	339	46.0	45.2
3	12290.00	62.5 PK	74.0	-11.5	1.77 V	236	41.6	20.9
4	12290.00	49.3 AV	54.0	-4.7	1.77 V	236	28.4	20.9

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.

RF Mode	802.11be (EHT80)	Channel	CH 87：6385 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	102.7 PK			1.31 H	183	56.1	46.6
2	*6385.00	89.9 AV			1.31 H	183	43.3	46.6
3	#12770.00	62.1 PK	88.2	-26.1	2.52 H	139	40.6	21.5
4	#12770.00	49.3 AV	68.2	-18.9	2.52 H	139	27.8	21.5
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	*6385.00	104.3 PK			1.46 V	322	57.7	46.6
2	*6385.00	91.1 AV			1.46 V	322	44.5	46.6
3	#12770.00	62.7 PK	88.2	-25.5	1.84 V	219	41.2	21.5
4	#12770.00	49.5 AV	68.2	-18.7	1.84 V	219	28.0	21.5

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	802.11be (EHT80)	Channel	CH 103：6465 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	103.4 PK			1.28 H	177	56.7	46.7
2	*6465.00	90.1 AV			1.28 H	177	43.4	46.7
3	#12930.00	62.4 PK	88.2	-25.8	2.29 H	152	40.6	21.8
4	#12930.00	49.3 AV	68.2	-18.9	2.29 H	152	27.5	21.8
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	*6465.00	104.1 PK			1.49 V	328	57.4	46.7
2	*6465.00	91.0 AV			1.49 V	328	44.3	46.7
3	#12930.00	62.9 PK	88.2	-25.3	1.82 V	210	41.1	21.8
4	#12930.00	49.6 AV	68.2	-18.6	1.82 V	210	27.8	21.8

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	802.11be (EHT80)	Channel	CH 119：6545 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	103.0 PK			1.28 H	178	55.8	47.2
2	*6545.00	90.2 AV			1.28 H	178	43.0	47.2
3	#13090.00	62.6 PK	88.2	-25.6	2.49 H	136	40.5	22.1
4	#13090.00	49.3 AV	68.2	-18.9	2.49 H	136	27.2	22.1
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	*6545.00	104.1 PK			1.48 V	322	56.9	47.2
2	*6545.00	91.0 AV			1.48 V	322	43.8	47.2
3	#13090.00	62.9 PK	88.2	-25.3	1.94 V	212	40.8	22.1
4	#13090.00	49.6 AV	68.2	-18.6	1.94 V	212	27.5	22.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11be (EHT80)	Channel	CH 151：6705 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	102.5 PK			1.34 H	156	55.0	47.5
2	*6705.00	90.2 AV			1.34 H	156	42.7	47.5
3	#13410.00	62.7 PK	88.2	-25.5	2.69 H	152	39.8	22.9
4	#13410.00	49.7 AV	68.2	-18.5	2.69 H	152	26.8	22.9
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	*6705.00	104.0 PK			1.46 V	333	56.5	47.5
2	*6705.00	90.9 AV			1.46 V	333	43.4	47.5
3	#13410.00	63.1 PK	88.2	-25.1	1.82 V	234	40.2	22.9
4	#13410.00	49.9 AV	68.2	-18.3	1.82 V	234	27.0	22.9

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	802.11be (EHT80)	Channel	CH 183：6865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	102.5 PK			1.36 H	153	55.0	47.5
2	*6865.00	89.5 AV			1.36 H	153	42.0	47.5
3	#13730.00	63.3 PK	88.2	-24.9	2.42 H	135	39.7	23.6
4	#13730.00	50.1 AV	68.2	-18.1	2.42 H	135	26.5	23.6
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	*6865.00	103.8 PK			1.38 V	330	56.3	47.5
2	*6865.00	90.7 AV			1.38 V	330	43.2	47.5
3	#13730.00	63.6 PK	88.2	-24.6	1.90 V	217	40.0	23.6
4	#13730.00	50.4 AV	68.2	-17.8	1.90 V	217	26.8	23.6

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	802.11be (EHT80)	Channel	CH 199：6945 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	98.3 PK			1.36 H	154	50.0	48.3
2	*6945.00	87.2 AV			1.36 H	154	38.9	48.3
3	#13890.00	63.5 PK	88.2	-24.7	2.36 H	145	39.6	23.9
4	#13890.00	51.4 AV	68.2	-16.8	2.36 H	145	27.5	23.9
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	*6945.00	101.7 PK			2.22 V	186	53.4	48.3
2	*6945.00	88.4 AV			2.22 V	186	40.1	48.3
3	#13890.00	63.8 PK	88.2	-24.4	1.89 V	210	39.9	23.9
4	#13890.00	51.7 AV	68.2	-16.5	1.89 V	210	27.8	23.9

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	802.11be (EHT80)	Channel	CH 215：7025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	100.2 PK			1.36 H	154	51.5	48.7
2	*7025.00	88.2 AV			1.36 H	154	39.5	48.7
3	#7125.00	56.5 PK	88.2	-31.7	1.36 H	154	39.6	16.9
4	#7125.00	44.9 AV	68.2	-23.3	1.36 H	154	28.0	16.9
5	#14050.00	63.9 PK	88.2	-24.3	2.55 H	144	39.2	24.7
6	#14050.00	51.2 AV	68.2	-17.0	2.55 H	144	26.5	24.7
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	*7025.00	101.4 PK			2.20 V	191	52.7	48.7
2	*7025.00	89.4 AV			2.20 V	191	40.7	48.7
3	#7125.00	56.8 PK	88.2	-31.4	2.20 V	191	39.9	16.9
4	#7125.00	45.0 AV	68.2	-23.2	2.20 V	191	28.1	16.9
5	#14050.00	64.1 PK	88.2	-24.1	1.95 V	236	39.4	24.7
6	#14050.00	51.5 AV	68.2	-16.7	1.95 V	236	26.8	24.7

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	802.11be (EHT160)	Channel	CH 15：6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	62.1 PK	88.2	-26.1	1.56 H	230	48.0	14.1
2	#5925.00	49.1 AV	68.2	-19.1	1.56 H	230	35.0	14.1
3	*6025.00	98.4 PK			1.56 H	230	53.3	45.1
4	*6025.00	86.3 AV			1.56 H	230	41.2	45.1
5	12050.00	62.1 PK	74.0	-11.9	2.66 H	140	41.3	20.8
6	12050.00	48.9 AV	54.0	-5.1	2.66 H	140	28.1	20.8
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	#5925.00	62.3 PK	88.2	-25.9	1.74 V	321	48.2	14.1
2	#5925.00	49.3 AV	68.2	-18.9	1.74 V	321	35.2	14.1
3	*6025.00	101.2 PK			1.74 V	321	56.1	45.1
4	*6025.00	88.6 AV			1.74 V	321	43.5	45.1
5	12050.00	62.3 PK	74.0	-11.7	1.75 V	229	41.5	20.8
6	12050.00	49.0 AV	54.0	-5.0	1.75 V	229	28.2	20.8

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	802.11be (EHT160)	Channel	CH 47：6185 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	99.2 PK			1.60 H	236	53.8	45.4
2	*6185.00	86.0 AV			1.60 H	236	40.6	45.4
3	12370.00	62.1 PK	74.0	-11.9	2.66 H	125	41.4	20.7
4	12370.00	48.7 AV	54.0	-5.3	2.66 H	125	28.0	20.7
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	*6185.00	102.2 PK			1.81 V	328	56.8	45.4
2	*6185.00	89.3 AV			1.81 V	328	43.9	45.4
3	12370.00	62.3 PK	74.0	-11.7	1.77 V	225	41.6	20.7
4	12370.00	48.9 AV	54.0	-5.1	1.77 V	225	28.2	20.7

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.

RF Mode	802.11be (EHT160)	Channel	CH 79：6345 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	98.5 PK			1.61 H	234	52.0	46.5
2	*6345.00	86.6 AV			1.61 H	234	40.1	46.5
3	12690.00	62.4 PK	74.0	-11.6	2.63 H	131	41.1	21.3
4	12690.00	49.3 AV	54.0	-4.7	2.63 H	131	28.0	21.3
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	*6345.00	101.6 PK			1.80 V	328	55.1	46.5
2	*6345.00	89.5 AV			1.80 V	328	43.0	46.5
3	12690.00	62.7 PK	74.0	-11.3	1.72 V	232	41.4	21.3
4	12690.00	49.6 AV	54.0	-4.4	1.72 V	232	28.3	21.3

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.

RF Mode	802.11be (EHT160)	Channel	CH 111：6505 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	97.1 PK			1.55 H	231	50.1	47.0
2	*6505.00	84.4 AV			1.55 H	231	37.4	47.0
3	#13010.00	62.9 PK	88.2	-25.3	2.77 H	151	41.0	21.9
4	#13010.00	49.6 AV	68.2	-18.6	2.77 H	151	27.7	21.9
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	*6505.00	100.5 PK			1.90 V	333	53.5	47.0
2	*6505.00	87.6 AV			1.90 V	333	40.6	47.0
3	#13010.00	63.1 PK	88.2	-25.1	1.77 V	225	41.2	21.9
4	#13010.00	49.9 AV	68.2	-18.3	1.77 V	225	28.0	21.9

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	802.11be (EHT160)	Channel	CH 143：6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	98.0 PK			1.59 H	230	50.7	47.3
2	*6665.00	85.5 AV			1.59 H	230	38.2	47.3
3	13330.00	63.7 PK	74.0	-10.3	2.69 H	114	41.0	22.7
4	13330.00	50.7 AV	54.0	-3.3	2.69 H	114	28.0	22.7
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	*6665.00	101.1 PK			1.54 V	337	53.8	47.3
2	*6665.00	88.6 AV			1.54 V	337	41.3	47.3
3	13330.00	63.9 PK	74.0	-10.1	1.79 V	226	41.2	22.7
4	13330.00	50.8 AV	54.0	-3.2	1.79 V	226	28.1	22.7

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.

RF Mode	802.11be (EHT160)	Channel	CH 175：6825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	97.4 PK			1.61 H	233	50.0	47.4
2	*6825.00	85.4 AV			1.61 H	233	38.0	47.4
3	#13650.00	64.5 PK	88.2	-23.7	2.69 H	129	41.0	23.5
4	#13650.00	51.5 AV	68.2	-16.7	2.69 H	129	28.0	23.5
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	*6825.00	100.5 PK			1.54 V	336	53.1	47.4
2	*6825.00	88.4 AV			1.54 V	336	41.0	47.4
3	#13650.00	64.7 PK	88.2	-23.5	1.72 V	236	41.2	23.5
4	#13650.00	51.7 AV	68.2	-16.5	1.72 V	236	28.2	23.5

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	802.11be (EHT160)	Channel	CH 207：6985 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	97.9 PK			1.57 H	273	49.2	48.7
2	*6985.00	86.1 AV			1.57 H	273	37.4	48.7
3	#7125.00	56.5 PK	88.2	-31.7	1.57 H	273	39.6	16.9
4	#7125.00	44.5 AV	68.2	-23.7	1.57 H	273	27.6	16.9
5	#13970.00	63.3 PK	88.2	-24.9	2.70 H	126	39.0	24.3
6	#13970.00	51.7 AV	68.2	-16.5	2.70 H	126	27.4	24.3
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	*6985.00	99.5 PK			1.54 V	343	50.8	48.7
2	*6985.00	87.2 AV			1.54 V	343	38.5	48.7
3	#7125.00	56.9 PK	88.2	-31.3	1.54 V	343	40.0	16.9
4	#7125.00	44.9 AV	68.2	-23.3	1.54 V	343	28.0	16.9
5	#13970.00	63.5 PK	88.2	-24.7	1.92 V	235	39.2	24.3
6	#13970.00	51.8 AV	68.2	-16.4	1.92 V	235	27.5	24.3

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	802.11be (EHT320)	Channel	CH 31：6105 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	61.9 PK	88.2	-26.3	1.57 H	223	47.8	14.1
2	#5925.00	48.6 AV	68.2	-19.6	1.57 H	223	34.5	14.1
3	*6105.00	96.5 PK			1.57 H	223	51.2	45.3
4	*6105.00	84.1 AV			1.57 H	223	38.8	45.3
5	12210.00	61.7 PK	74.0	-12.3	2.67 H	124	40.7	21.0
6	12210.00	48.5 AV	54.0	-5.5	2.67 H	124	27.5	21.0
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	#5925.00	62.1 PK	88.2	-26.1	1.58 V	323	48.0	14.1
2	#5925.00	49.0 AV	68.2	-19.2	1.58 V	323	34.9	14.1
3	*6105.00	99.5 PK			1.58 V	323	54.2	45.3
4	*6105.00	87.0 AV			1.58 V	323	41.7	45.3
5	12210.00	62.0 PK	74.0	-12.0	1.77 V	239	41.0	21.0
6	12210.00	48.8 AV	54.0	-5.2	1.77 V	239	27.8	21.0

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	802.11be (EHT320)	Channel	CH 63：6265 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	*6265.00	96.8 PK			1.59 H	231	51.0	45.8
2	*6265.00	84.8 AV			1.59 H	231	39.0	45.8
3	12530.00	61.1 PK	74.0	-12.9	2.64 H	130	40.3	20.8
4	12530.00	48.0 AV	54.0	-6.0	2.64 H	130	27.2	20.8
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	*6265.00	99.8 PK			1.56 V	328	54.0	45.8
2	*6265.00	87.8 AV			1.56 V	328	42.0	45.8
3	12530.00	61.5 PK	74.0	-12.5	1.75 V	238	40.7	20.8
4	12530.00	48.4 AV	54.0	-5.6	1.75 V	238	27.6	20.8

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	802.11be (EHT320)	Channel	CH 95：6425 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	*6425.00	96.3 PK			1.55 H	230	49.7	46.6
2	*6425.00	84.0 AV			1.55 H	230	37.4	46.6
3	#12850.00	62.1 PK	88.2	-26.1	2.67 H	142	40.5	21.6
4	#12850.00	48.9 AV	68.2	-19.3	2.67 H	142	27.3	21.6
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	*6425.00	99.4 PK			1.57 V	332	52.8	46.6
2	*6425.00	87.2 AV			1.57 V	332	40.6	46.6
3	#12850.00	62.4 PK	88.2	-25.8	1.73 V	232	40.8	21.6
4	#12850.00	49.2 AV	68.2	-19.0	1.73 V	232	27.6	21.6

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	802.11be (EHT320)	Channel	CH 127：6585 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	*6585.00	96.4 PK			1.58 H	226	49.1	47.3
2	*6585.00	83.5 AV			1.58 H	226	36.2	47.3
3	#13170.00	62.7 PK	88.2	-25.5	2.60 H	133	40.4	22.3
4	#13170.00	49.6 AV	68.2	-18.6	2.60 H	133	27.3	22.3
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	*6585.00	99.6 PK			1.78 V	336	52.3	47.3
2	*6585.00	86.7 AV			1.78 V	336	39.4	47.3
3	#13170.00	62.9 PK	88.2	-25.3	1.75 V	245	40.6	22.3
4	#13170.00	49.9 AV	68.2	-18.3	1.75 V	245	27.6	22.3

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	802.11be (EHT320)	Channel	CH 159：6745 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	*6745.00	95.1 PK			1.59 H	229	47.5	47.6
2	*6745.00	82.9 AV			1.59 H	229	35.3	47.6
3	#13490.00	63.9 PK	88.2	-24.3	2.69 H	128	40.4	23.5
4	#13490.00	50.8 AV	68.2	-17.4	2.69 H	128	27.3	23.5
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	*6745.00	98.3 PK			1.72 V	338	50.7	47.6
2	*6745.00	85.9 AV			1.72 V	338	38.3	47.6
3	#13490.00	64.2 PK	88.2	-24.0	1.75 V	238	40.7	23.5
4	#13490.00	51.1 AV	68.2	-17.1	1.75 V	238	27.6	23.5

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	802.11be (EHT320)	Channel	CH 191：6905 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Luies 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	*6905.00	97.7 PK			1.56 H	265	49.8	47.9
2	*6905.00	85.0 AV			1.56 H	265	37.1	47.9
3	#7125.00	56.1 PK	88.2	-32.1	1.56 H	265	39.2	16.9
4	#7125.00	44.4 AV	68.2	-23.8	1.56 H	265	27.5	16.9
5	#13810.00	64.0 PK	88.2	-24.2	2.66 H	129	40.2	23.8
6	#13810.00	51.0 AV	68.2	-17.2	2.66 H	129	27.2	23.8
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	*6905.00	98.2 PK			1.55 V	341	50.3	47.9
2	*6905.00	86.2 AV			1.55 V	341	38.3	47.9
3	#7125.00	56.4 PK	88.2	-31.8	1.55 V	341	39.5	16.9
4	#7125.00	44.7 AV	68.2	-23.5	1.55 V	341	27.8	16.9
5	#13810.00	64.4 PK	88.2	-23.8	1.75 V	236	40.6	23.8
6	#13810.00	51.3 AV	68.2	-16.9	1.75 V	236	27.5	23.8

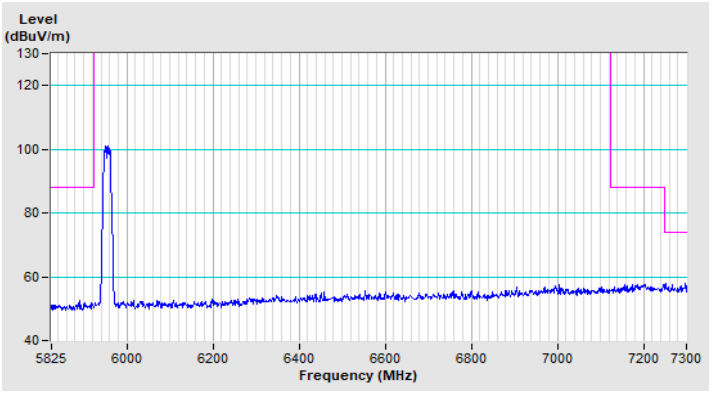
Remarks:

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.

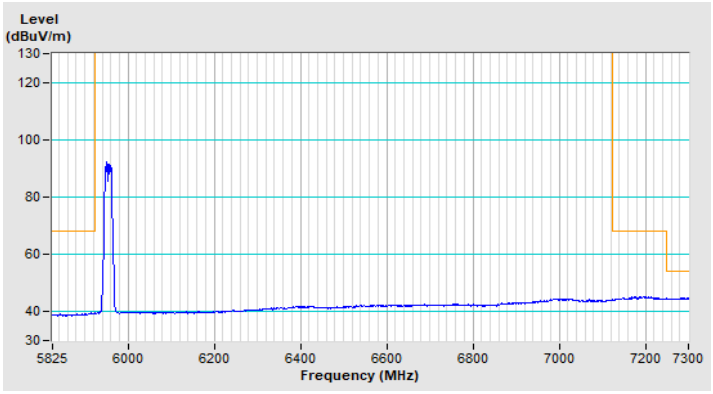
Plot of Band Edge

Frequency Range	5.825 GHz ~ 7.3 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

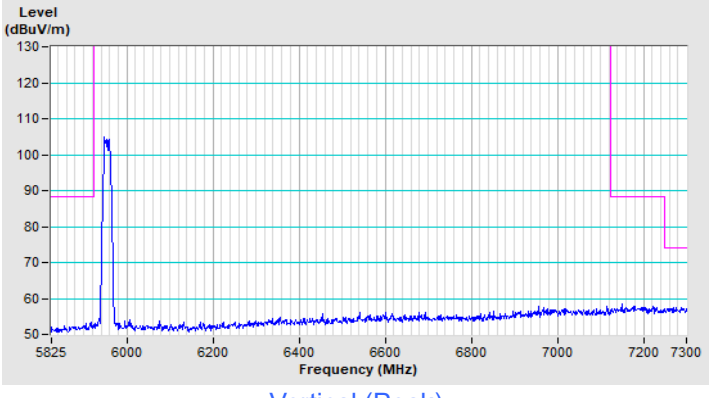
802.11a Channel 1



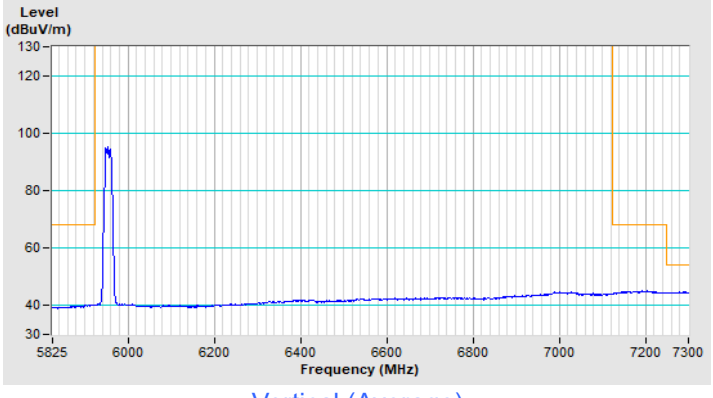
Horizontal (Peak)



Horizontal (Average)

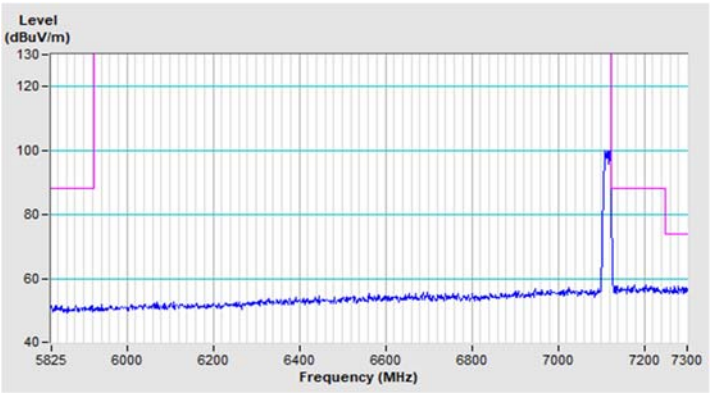


Vertical (Peak)

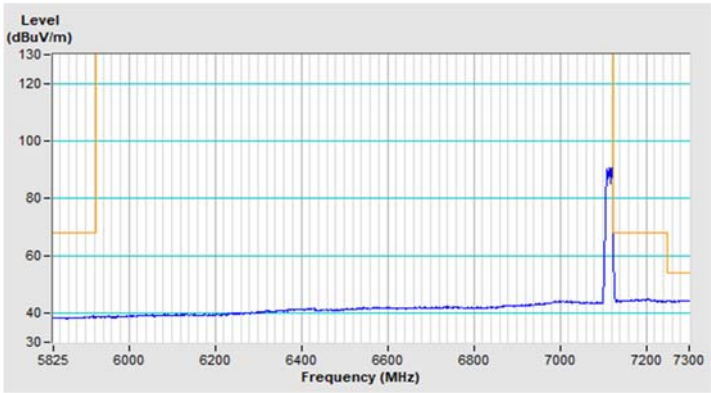


Vertical (Average)

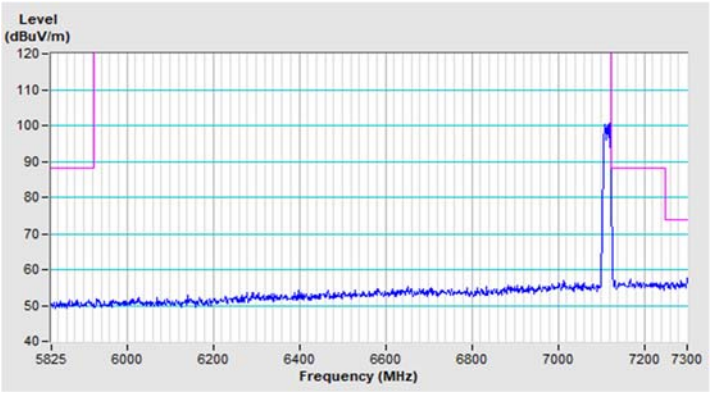
802.11a Channel 233



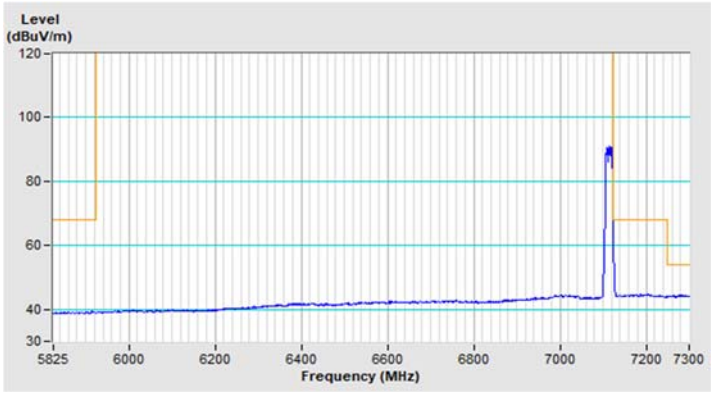
Horizontal (Peak)



Horizontal (Average)



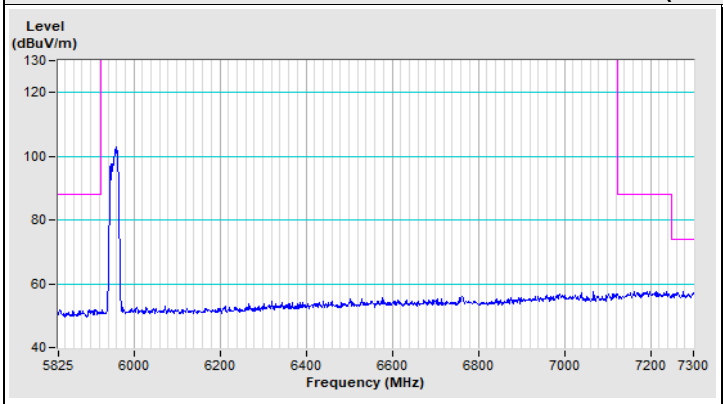
Vertical (Peak)



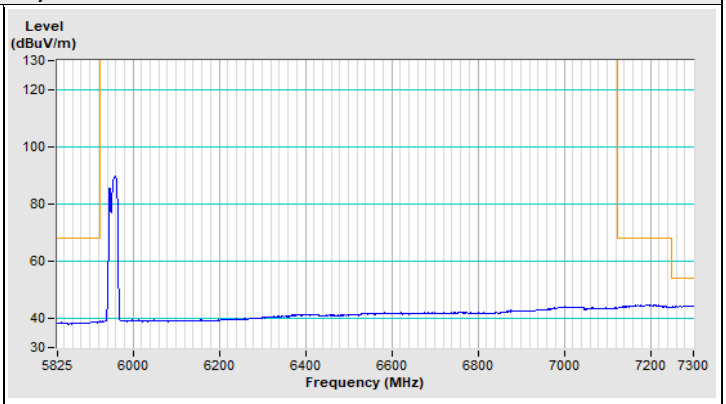
Vertical (Average)

Frequency Range	5.825 GHz ~ 7.3 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

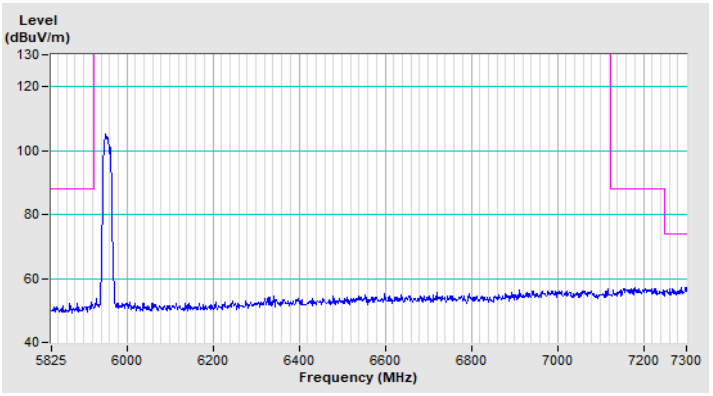
802.11be (EHT20) Channel 1



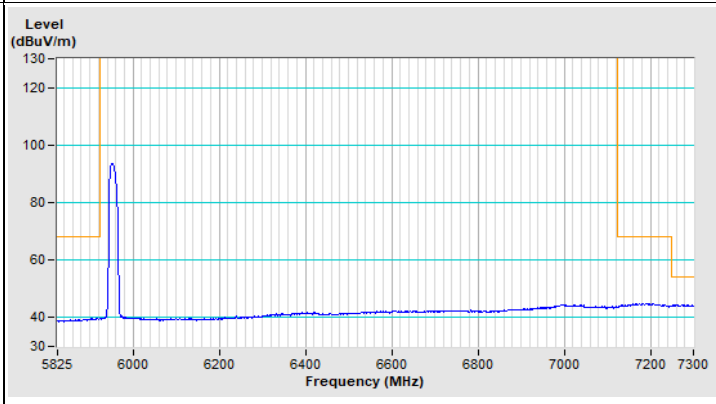
Horizontal (Peak)



Horizontal (Average)

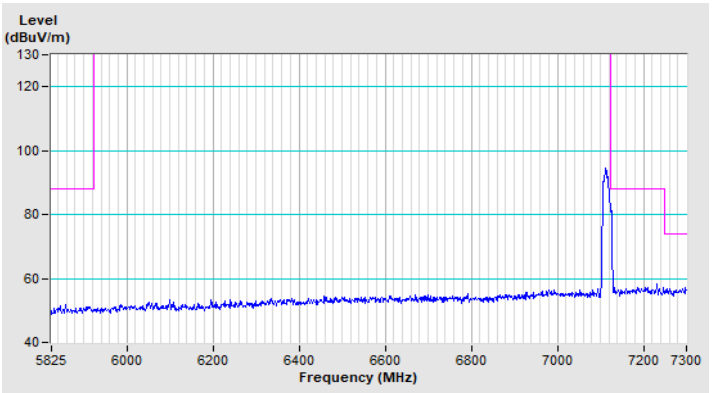


Vertical (Peak)

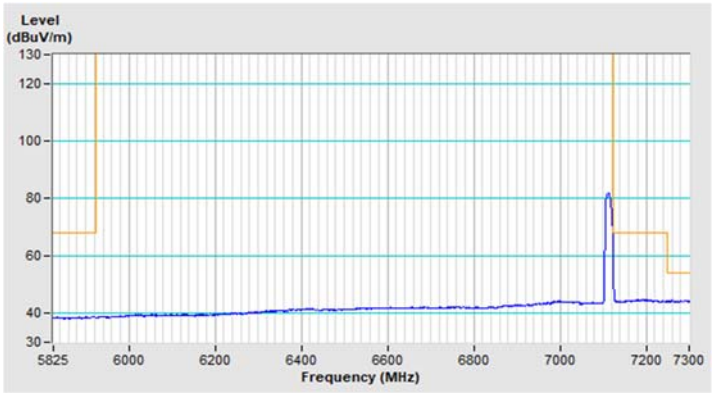


Vertical (Average)

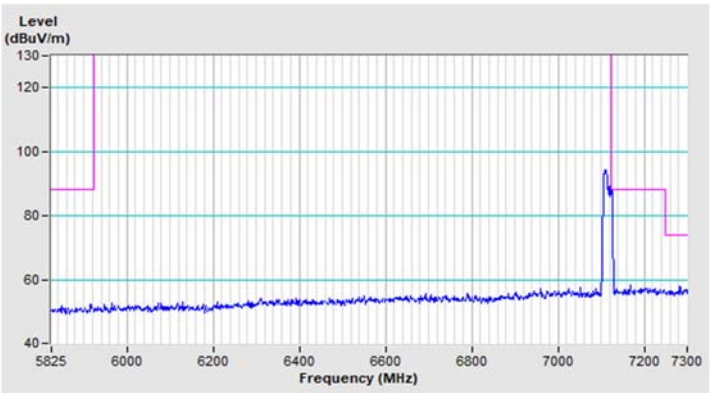
802.11be (EHT20) Channel 233



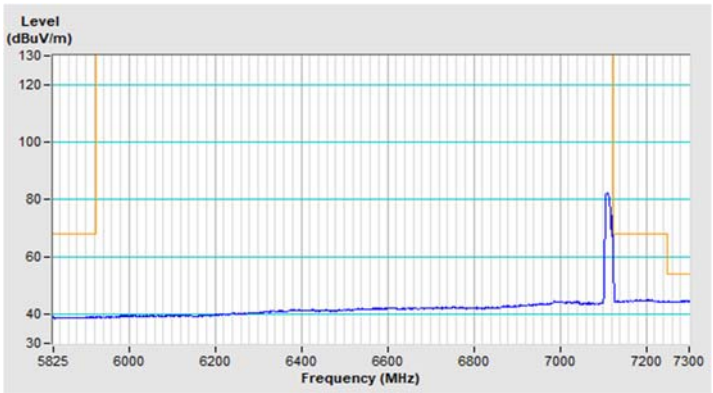
Horizontal (Peak)



Horizontal (Average)



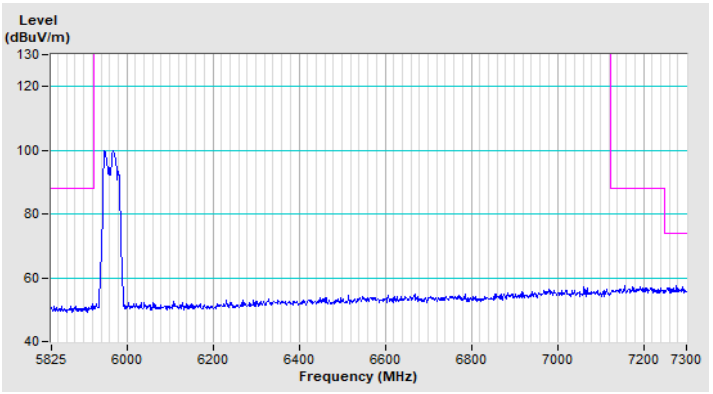
Vertical (Peak)



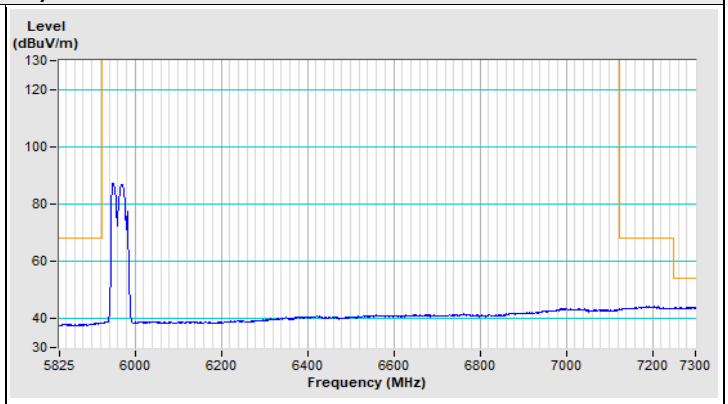
Vertical (Average)

Frequency Range	5.825 GHz ~ 7.3 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

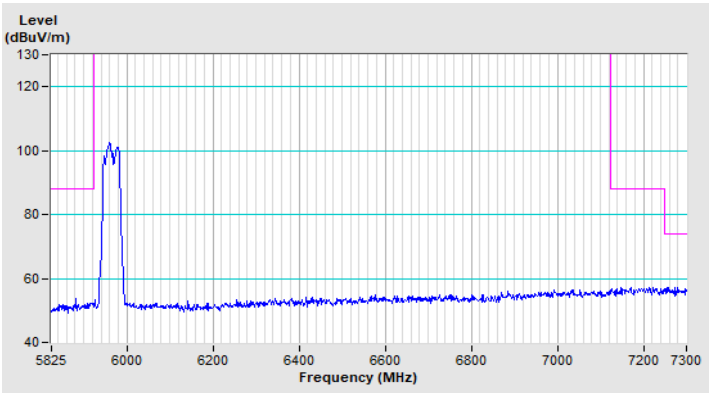
802.11be (EHT40) Channel 3



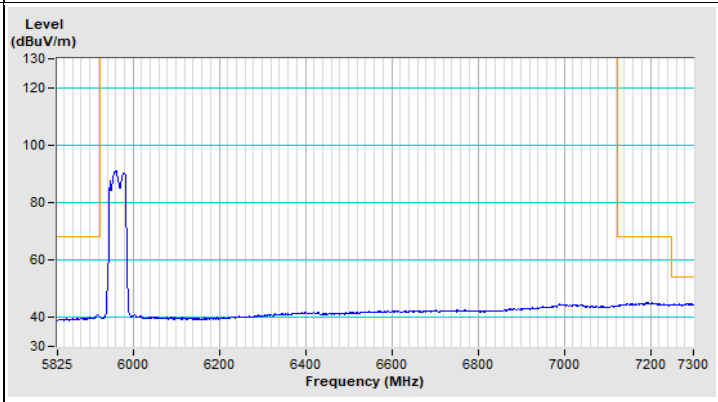
Horizontal (Peak)



Horizontal (Average)

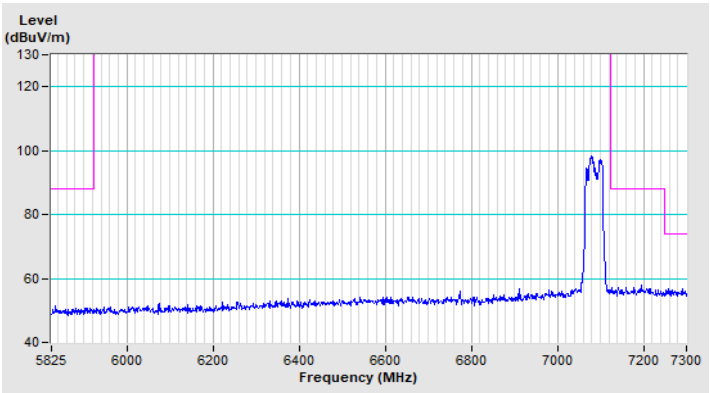


Vertical (Peak)

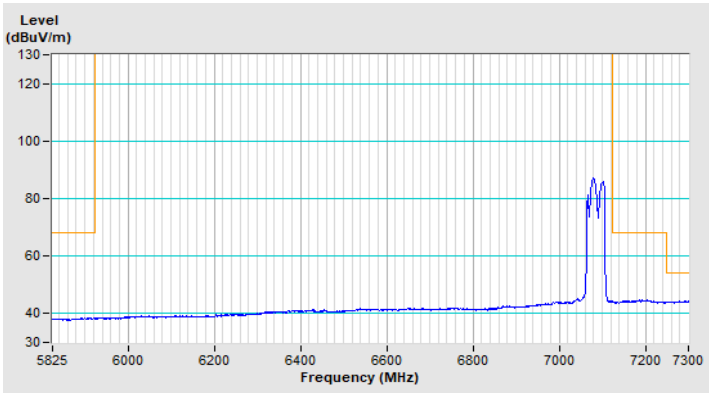


Vertical (Average)

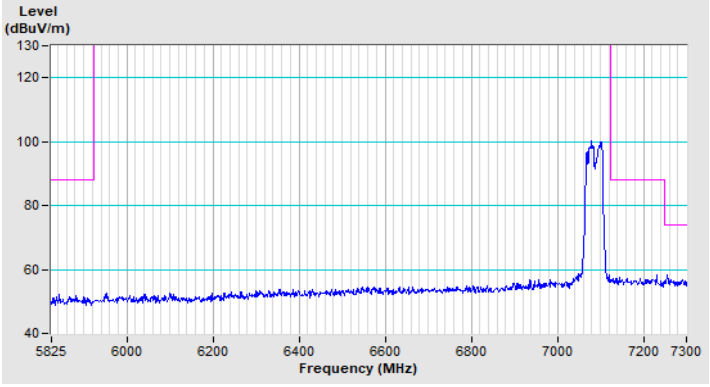
802.11be (EHT40) Channel 227



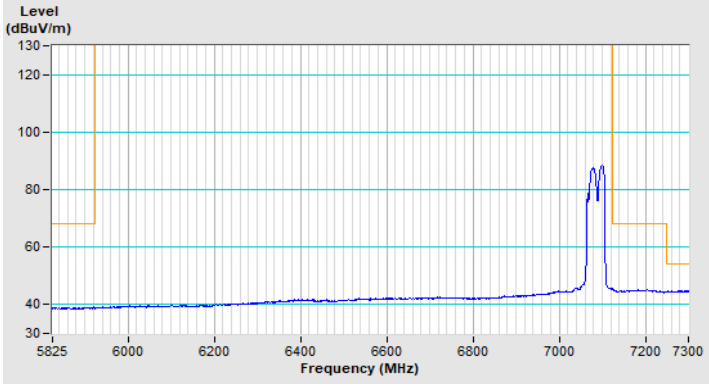
Horizontal (Peak)



Horizontal (Average)



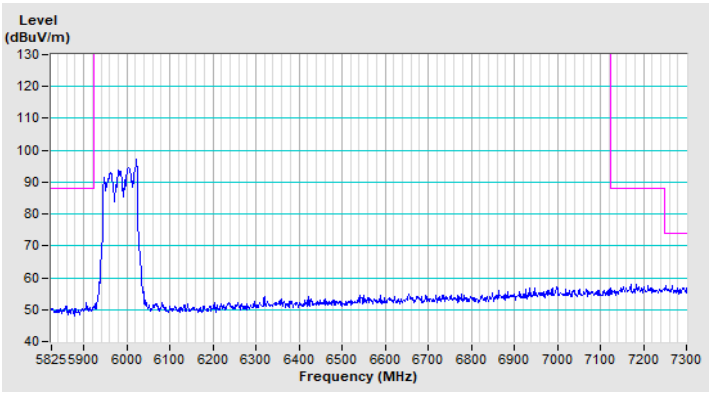
Vertical (Peak)



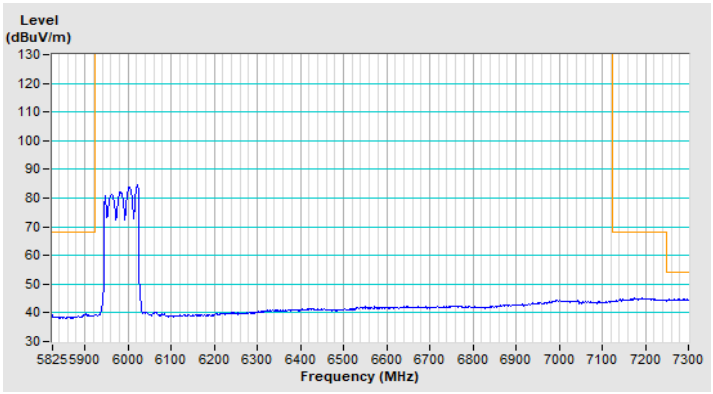
Vertical (Average)

Frequency Range	5.825 GHz ~ 7.3 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

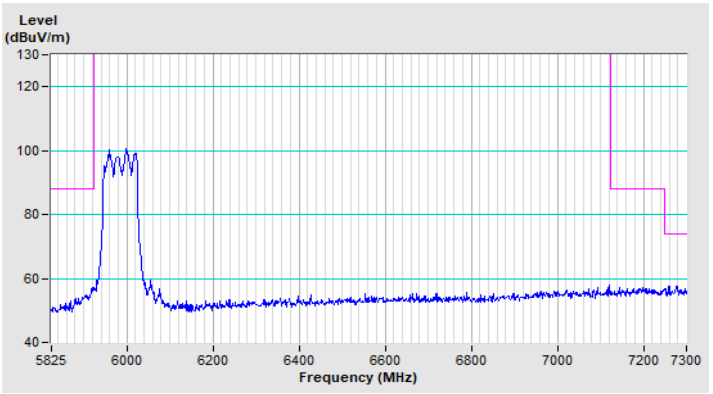
802.11be (EHT80) Channel 7



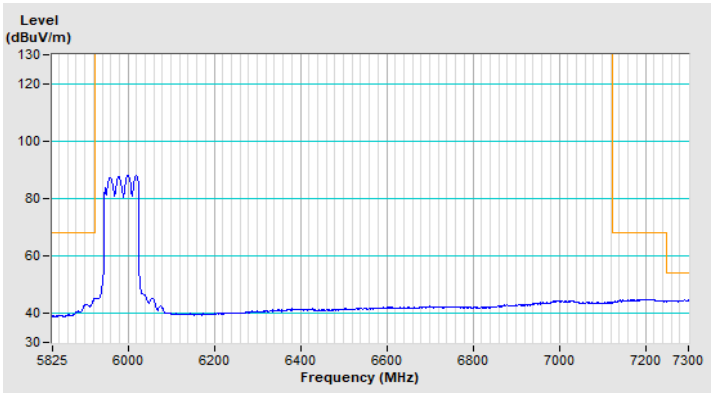
Horizontal (Peak)



Horizontal (Average)

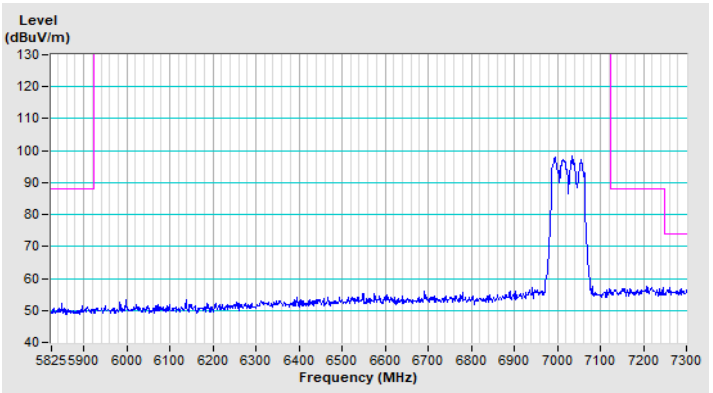


Vertical (Peak)

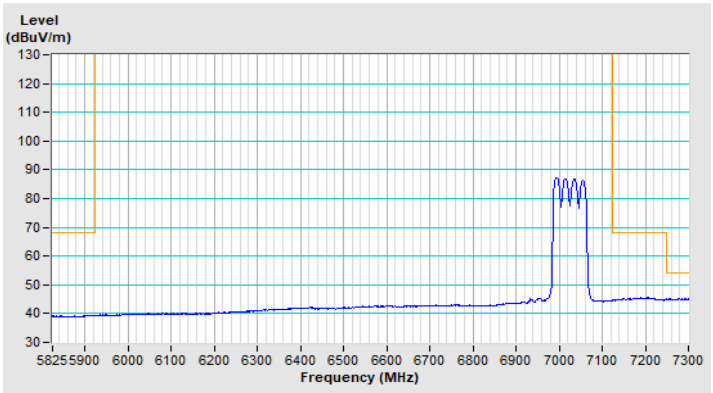


Vertical (Average)

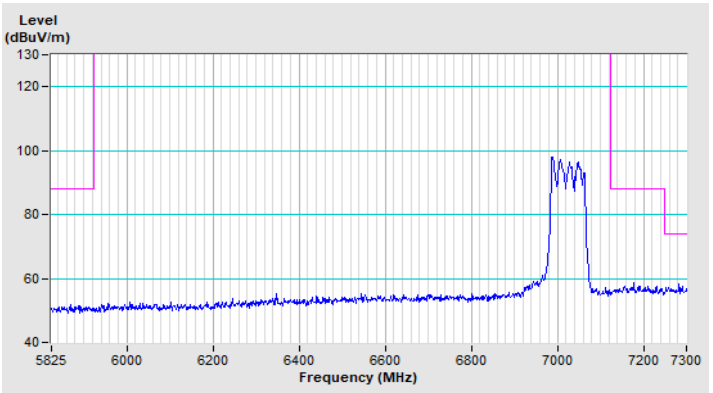
802.11be (EHT80) Channel 215



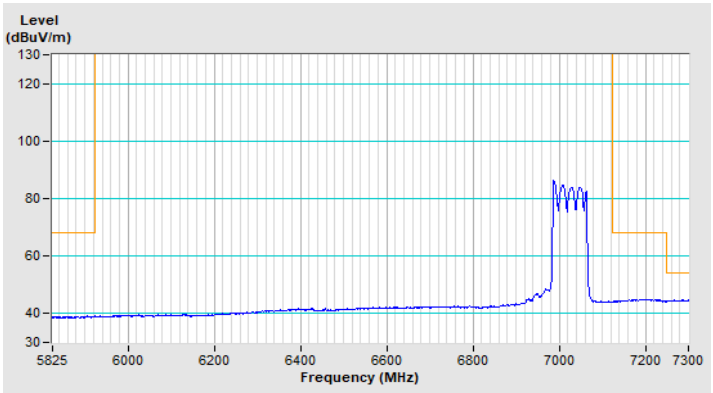
Horizontal (Peak)



Horizontal (Average)



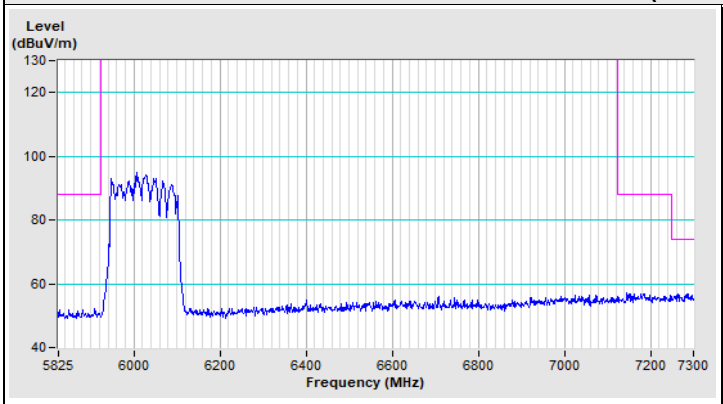
Vertical (Peak)



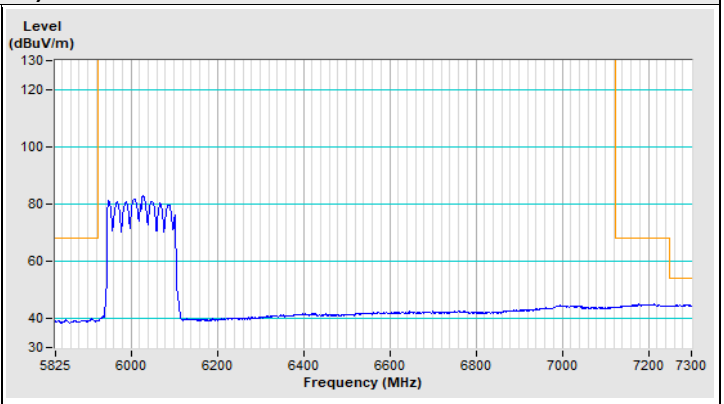
Vertical (Average)

Frequency Range	5.825 GHz ~ 7.3 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

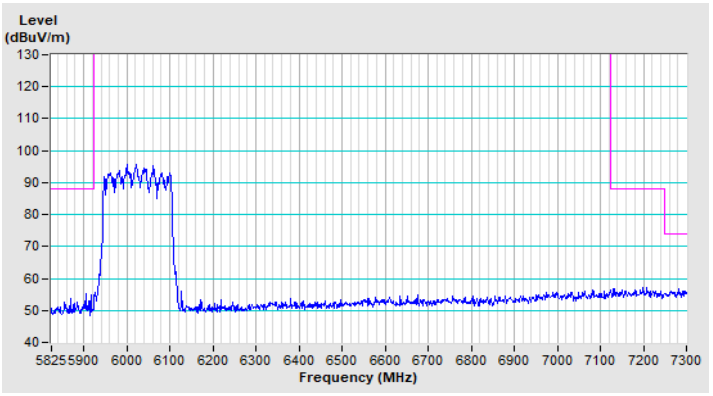
802.11be (EHT160) Channel 15



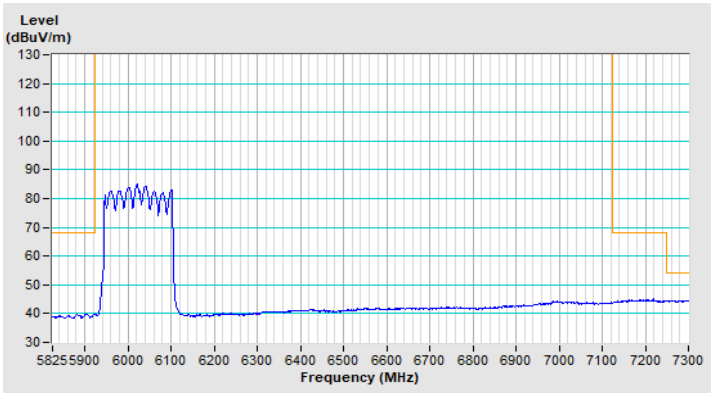
Horizontal (Peak)



Horizontal (Average)

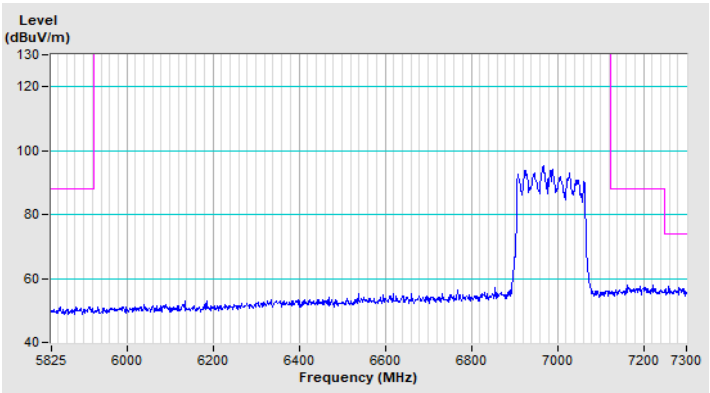


Vertical (Peak)

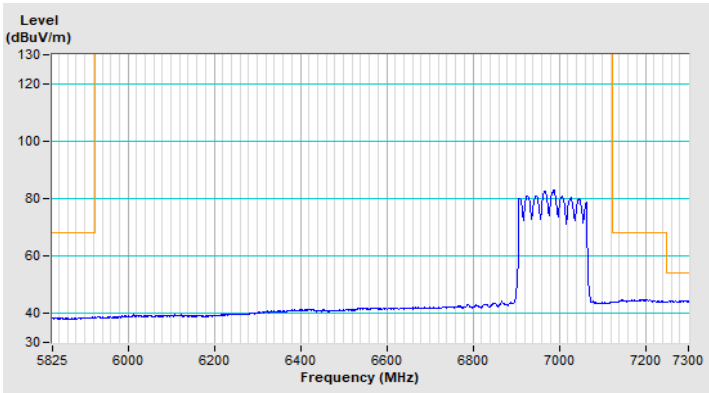


Vertical (Average)

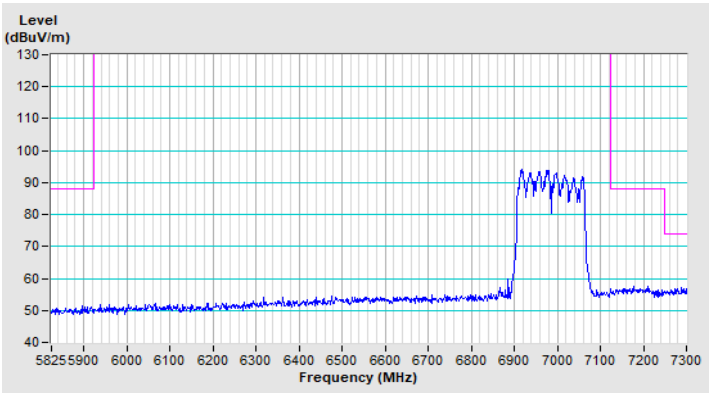
802.11be (EHT160) Channel 207



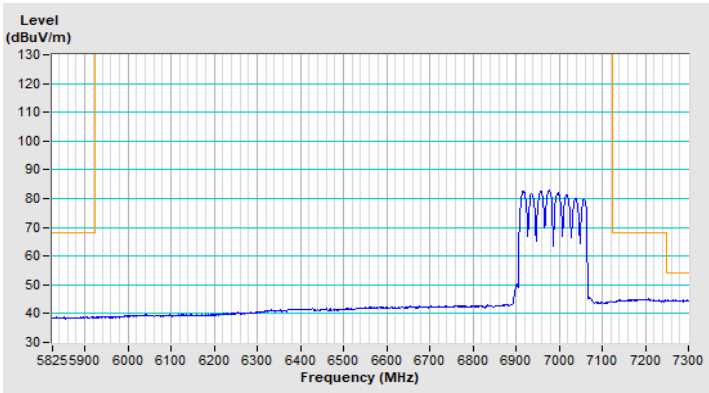
Horizontal (Peak)



Horizontal (Average)



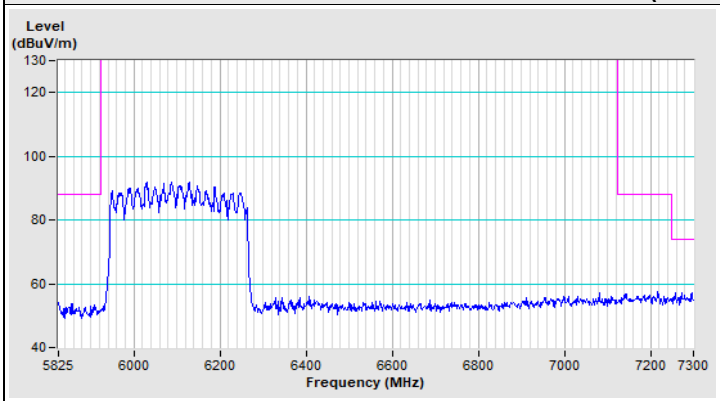
Vertical (Peak)



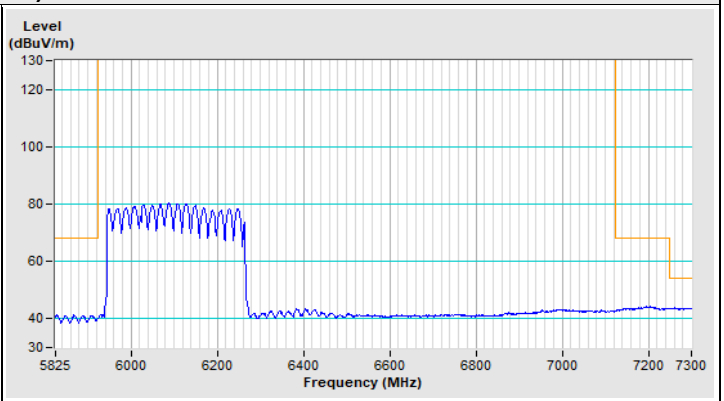
Vertical (Average)

Frequency Range	5.825 GHz ~ 7.3 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET=Peak

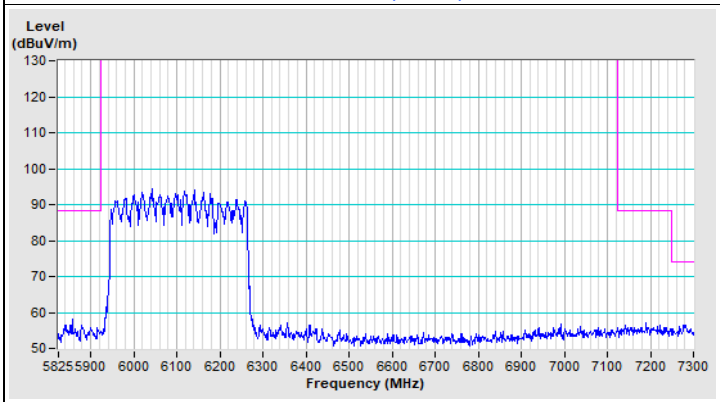
802.11be (EHT320) Channel 31



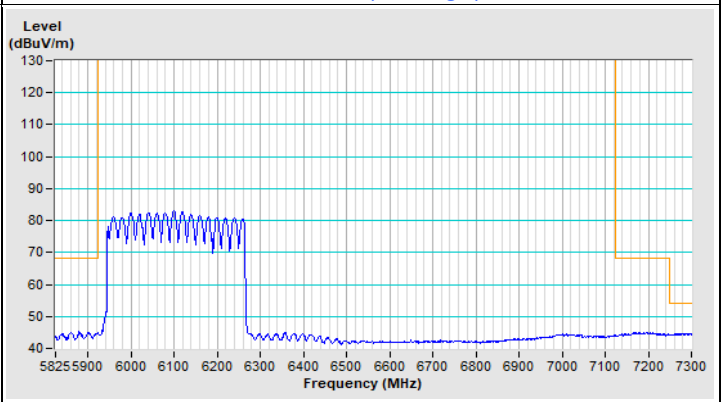
Horizontal (Peak)



Horizontal (Average)

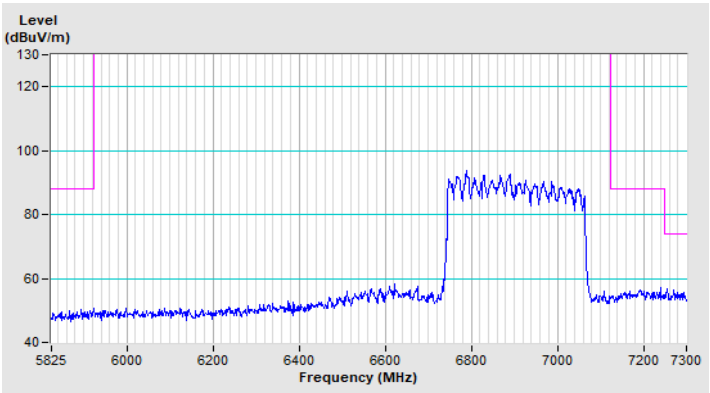


Vertical (Peak)

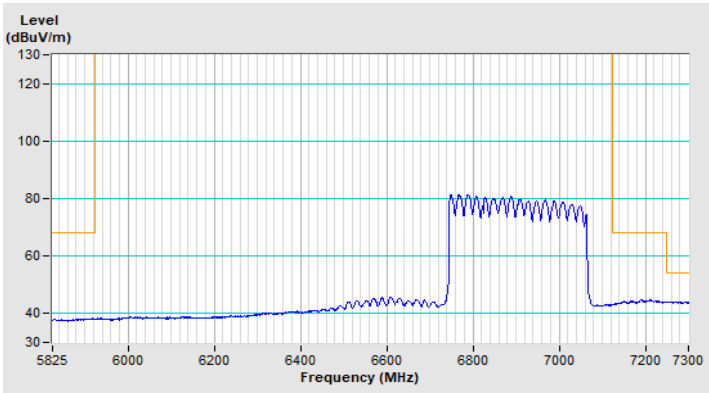


Vertical (Average)

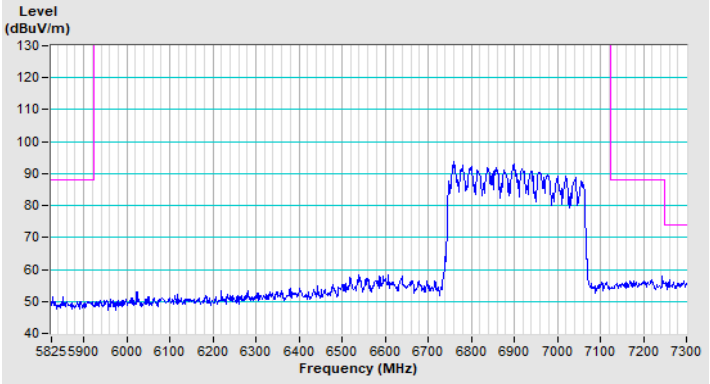
802.11be (EHT320) Channel 191



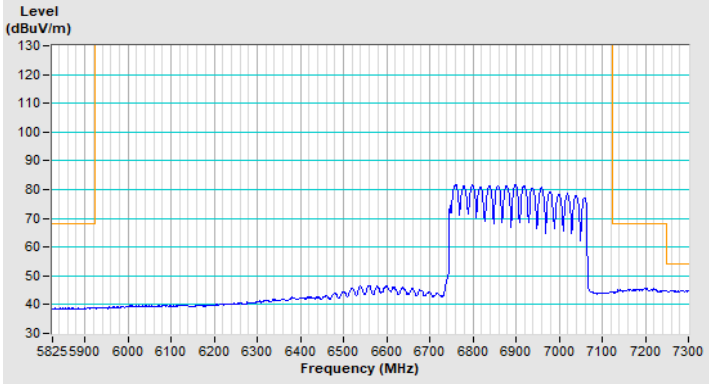
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



Vertical (Average)

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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