

FCC Test Report

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FCC ID: MSQI007D

Test Model: ASUS_I007D

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FCC Registration /

Designation Number(2):

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Release Control Record

Issue No.	Description	Date Issued
RFBFLF-WTW-P21010278-7	Original release.	Apr. 01, 2021

1 Certificate of Conformity

Product: EXP21 Smartphone

Brand: ASUS

Test Model: ASUS_I007D

Sample Status: Engineering sample

Applicant: ASUSTeK COMPUTER INC.

Test Date: Feb. 24 ~ Apr. 01, 2021

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)
ANSI C63.10: 2013

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.

Prepared by : Pettie Chen , **Date:** Apr. 01, 2021
Pettie Chen / Senior Specialist

Approved by : Bruce Chen , **Date:** Apr. 01, 2021
Bruce Chen / Senior Project Engineer

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(8)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -16.32dB at 0.15000MHz.
15.407(b)(5)(8)	Radiated Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -1.1dB at 7125.00MHz.
15.407(b)(6)	In-Band Emission (Mask)	Pass	Meet the requirement of limit.
15.407(a)(4/5/6/7/8)	Max Average Transmit Power	Pass	Meet the requirement of limit.
15.407(a)(10)	Emission Bandwidth Measurement	Pass	Meet the requirement of limit.
15.407(a)(4/5/6/7/8)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407 (d)(6)	Contention-based Protocol.	Pass	Meet the requirement of limit.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.407(a)(7)(8)	Dual Client- Proper Power Adjustment	N/A	Device associates with low power indoor AP only.
15.407(d)(5)	Operational restrictions for 6 GHz U-NII devices	Pass	Declaration by applicant
15.203	Antenna Requirement	Pass	Antenna connector is LCP+Ipx not a standard connector.

Note:

- For U-NII-5, U-NII-6, U-NII-7 and U-NII-8 band compliance with rule 15.407(b) of the band-edge items, the test plots were recorded in Annex A. Test Procedures refer to report 4.1.3.
- Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	1.9 dB
Radiated Emissions up to 1 GHz	30MHz ~ 1GHz	5.31 dB
Radiated Emissions above 1 GHz	1 GHz ~ 6 GHz	3.40 dB
	6GHz ~ 18GHz	3.73 dB
	18GHz ~ 40GHz	4.11 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	EXP21 Smartphone
Brand	ASUS
Test Model	ASUS_I007D
Status of EUT	Engineering sample
Power Supply Rating	7.74 Vdc (Battery) 5 Vdc / 9 Vdc / 12 Vdc / 15Vdc / 20Vdc (Adapter)
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11ax: up to 1200Mbps
Operating Frequency	5.955 ~ 6.415GHz, 6.435 ~ 6.525GHz, 6.525 ~ 6.875GHz, 6.875 ~ 7.115GHz
Number of Channel	802.11ax (HE20): 59 802.11ax (HE40): 29 802.11ax (HE80): 14 802.11ax (HE160): 7
Output Power	Refer to Note
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. The EUT contains following accessory devices.

Product	Brand	Model	Description
Battery	SCUD	C21P2002	Rating: 7.74 Vdc, 15.2 Wh
Adapter	AOHAI	A320Q-200325C-US	I/P: 100-240Vac, 50/60Hz, 1.5A O/P: 5 Vdc, 3 A; 9 Vdc, 3 A; 12 Vdc, 3A; 15 Vdc, 3 A; 20 Vdc, 3.25 A
Type A to Type C USB Cable	Luxshare	LA9U2026-CS-R	0.5m
Type C to Type C Cable	Luxshare	LA9UC006-CS-R	1.2m
Bluetooth Earphone	Bang & Olufsen	EQ Earbud R	FCC ID: TTUBEOPLAYEQR IC: 3775B-BEOPLAYEQR
		EQ Earbud L	FCC ID: TTUBEOPLAYEQL IC: 3775B-BEOPLAYEQL
Bluetooth Earphone Charging Case	Bang & Olufsen	EQ Charging case	I/P: 5Vdc/500mA O/P: 5Vdc/ R170mA; L170mA

2. The following antennas were provided to the EUT.

Freq. Range	Gain(dBi)			Antenna Type	Connector Type
	Ant 3 Gain (dBi)	Ant 4 Gain (dBi)	Ant 6 Gain (dBi)		
5925-7125MHz	-1.41	----	4.63	PIFA	Ipex
	----	-0.64	4.63		

*Device support diversity and 2TX/2RX MIMO. (Ant. 6 + Ant. 4 and Ant. 6 + Ant. 3)

** Directional gain (Ant. 3+ Ant.6) = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/2] = 5.14\text{dBi}$

Directional gain (Ant. 4+ Ant.6) = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/2] = 5.40\text{dBi}$

The formula refer to KDB 662911 D01 v02r01 section F) 2) (d) (i)

***Both combination modes has been pre-tested (EIRP and radiated emission such as harmonic and band edge), the worst mode is Ant. 6 + Ant. 4 and record in test report.

3. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

4. The EUT incorporates a MIMO function. Physically, the EUT provides 2 completed transmitters and 2 receivers.

Modulation Mode	TX Function	CDD Mode (Support correlated signal only)	Beamforming Mode
802.11a	1TX/2TX	Support	Not Support
802.11ax (HE20)	1TX/2TX	Support	Not Support
802.11ax (HE40)	1TX/2TX	Support	Not Support
802.11ax (HE80)	1TX/2TX	Support	Not Support
802.11ax (HE160)	1TX/2TX	Support	Not Support

5. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

6. Output Power are as below:

2TX								
Frequency (GHz)	Output Power (mW)							
	Full RU	Partial RU						
		RU26	RU52	RU106	RU242	RU486	RU996	RU1992
5.955-6.415	30.252	0.381	0.716	2.158	4.185	8.205	19.055	30.076
6.435-6.525	28.677	0.349	0.732	1.488	4.038	8.437	17.094	28.447
6.525-6.875	27.640	0.364	0.699	1.399	3.991	8.205	17.855	27.237
6.875-7.115	29.043	0.335	0.690	1.390	3.959	8.001	16.914	28.712
Frequency (GHz)	EIRP (mW)							
	Full RU	Partial RU						
		RU26	RU52	RU106	RU242	RU486	RU996	RU1992
5.955-6.415	87.902	1.107	2.080	6.266	12.162	23.823	55.335	87.297
6.435-6.525	83.368	1.012	2.128	4.325	11.722	24.491	49.659	82.604
6.525-6.875	80.353	1.057	2.028	4.064	11.588	23.823	51.880	79.068
6.875-7.115	84.333	0.971	2.004	4.036	11.508	23.227	49.091	83.368
1TX								
Frequency (GHz)	Output Power (mW)							
	Full RU	Partial RU						
		RU26	RU52	RU106	RU242	RU486	RU996	RU1992
5.955-6.415	28.184	0.198	0.367	1.102	2.143	4.178	9.977	15.885
6.435-6.525	27.733	0.195	0.376	0.760	2.065	4.325	8.872	14.289
6.525-6.875	27.925	0.187	0.359	0.719	2.032	4.178	9.441	14.355
6.875-7.115	28.054	0.187	0.355	0.711	2.023	4.093	8.730	14.521
Frequency (GHz)	EIRP (mW)							
	Full RU	Partial RU						
		RU26	RU52	RU106	RU242	RU486	RU996	RU1992
5.955-6.415	81.846	0.575	1.067	3.199	6.223	12.134	28.973	46.132
6.435-6.525	80.538	0.565	1.091	2.208	5.998	12.560	25.763	41.495
6.525-6.875	81.096	0.542	1.042	2.089	5.902	12.134	27.416	41.687
6.875-7.115	81.470	0.504	1.030	2.065	5.875	11.885	25.351	42.170

3.2 Description of Test Modes

For 5925 ~ 6425MHz (U-NII-5 band)

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

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

12 channels are provided for 802.11ax (HE40):

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

6 channel is provided for 802.11ax (HE80):

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

3 channel is provided for 802.11ax (HE160):

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

For 6425 ~ 6525MHz (U-NII-6 band)

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

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

3 channels are provided for 802.11ax (HE40):

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

2 channel is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
103	6465 MHz	*119	6545 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
*111	6505 MHz

For 6525 ~ 6875MHz (U-NII-7 band)

18 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
117	6535 MHz	121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz	145	6675 MHz
149	6695 MHz	153	6715 MHz	157	6735 MHz	161	6755 MHz
165	6775 MHz	169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz	*185	6875 MHz				

9 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz
*187	6885 MHz						

4 channels are provided for 802.11ax (HE80):

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

2 channels are provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency
143	6665 MHz	175	*6825 MHz

For 6875 ~ 7125MHz (U-NII-8 band):

12 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
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

5 channels are provided for 802.11ax (HE40):

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

2 channel is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
199	6945 MHz	215	7025 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
207	6985 MHz

Note: * mean this's straddle channel.

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable To						Description
	RE \geq 1G	RE<1G	IBE	PLC	CBP	APCM	
-	√	√	√	√	√	√	With Ant. No. 4+6

Where **RE \geq 1G**: Radiated Emission above 1GHz
RE<1G: Radiated Emission below 1GHz
PLC: Power Line Conducted Emission
APCM: Antenna Port Conducted Measurement
IBE: In-Band Emission (MASK)
CBP:Contention Based Protocol

Note: The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on Z-plane

Radiated Emission Measurement (Above 1GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5955-6415	1 to 93	1, 45, 93	OFDMA	BPSK	MCS0
	6435-6515	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
	6535-6875	117 to 185	117, 149, 181, 185	OFDMA	BPSK	MCS0
	6895-7115	189 to 233	209, 233	OFDMA	BPSK	MCS0
802.11ax (HE20)	5955-6415	1 to 93	1, 45, 93	OFDMA	BPSK	MCS0
	6435-6515	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
	6535-6875	117 to 185	117, 149, 181, 185	OFDMA	BPSK	MCS0
	6895-7115	189 to 233	209, 233	OFDMA	BPSK	MCS0
802.11ax (HE40)	5965-6405	3 to 91	3, 43, 91	OFDMA	BPSK	MCS0
	6445-6525	99 to 115	99, 107, 115	OFDMA	BPSK	MCS0
	6565-6885	123 to 187	123, 155, 179, 187	OFDMA	BPSK	MCS0
	6925-7085	195 to 227	211, 227	OFDMA	BPSK	MCS0
802.11ax (HE80)	5985-6385	7 to 87	7, 39, 87	OFDMA	BPSK	MCS0
	6465-6525	103 to 119	103, 119	OFDMA	BPSK	MCS0
	6625-6865	135 to 183	151, 183	OFDMA	BPSK	MCS0
	6945-7025	199 to 215	199, 215	OFDMA	BPSK	MCS0
802.11ax (HE160)	6025-6345	15 to 79	15, 47, 79	OFDMA	BPSK	MCS0
	6505	111	111	OFDMA	BPSK	MCS0
	6665-6825	143 to 175	143, 175	OFDMA	BPSK	MCS0
	6985	207	207	OFDMA	BPSK	MCS0

Radiated Emission Measurement (Below 1GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE160)	6025-6345	15 to 79	15	OFDMA	BPSK	MCS0
	6505	111				
	6665-6825	143 to 175				
	6985	207				

In-Band Emission (MASK) Measurement:

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5955-6415	1 to 93	1, 45, 93	OFDMA	BPSK	MCS0
	6435-6515	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
	6535-6875	117 to 185	117, 149, 181, 185	OFDMA	BPSK	MCS0
	6895-7115	189 to 233	209, 233	OFDMA	BPSK	MCS0
802.11ax (HE20)	5955-6415	1 to 93	1, 45, 93	OFDMA	BPSK	MCS0
	6435-6515	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
	6535-6875	117 to 185	117, 149, 181, 185	OFDMA	BPSK	MCS0
	6895-7115	189 to 233	209, 233	OFDMA	BPSK	MCS0
802.11ax (HE40)	5965-6405	3 to 91	3, 43, 91	OFDMA	BPSK	MCS0
	6445-6525	99 to 115	99, 107, 115	OFDMA	BPSK	MCS0
	6565-6885	123 to 187	123, 155, 179, 187	OFDMA	BPSK	MCS0
	6925-7085	195 to 227	211, 227	OFDMA	BPSK	MCS0
802.11ax (HE80)	5985-6385	7 to 87	7, 39, 87	OFDMA	BPSK	MCS0
	6465-6525	103 to 119	103, 119	OFDMA	BPSK	MCS0
	6625-6865	135 to 183	151, 183	OFDMA	BPSK	MCS0
	6945-7025	199 to 215	199, 215	OFDMA	BPSK	MCS0
802.11ax (HE160)	6025-6345	15 to 79	15, 47, 79	OFDMA	BPSK	MCS0
	6505	111	111	OFDMA	BPSK	MCS0
	6665-6825	143 to 175	143, 175	OFDMA	BPSK	MCS0
	6985	207	207	OFDMA	BPSK	MCS0

Power Line Conducted Emission Measurement:

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE160)	6025-6345	15 to 79	15	OFDMA	BPSK	MCS0
	6505	111				
	6665-6825	143 to 175				
	6985	207				

Antenna Port Conducted Measurement:

- This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11a	5955-6415	1 to 93	1, 45, 93	OFDMA	BPSK	MCS0
	6435-6515	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
	6535-6875	117 to 185	117, 149, 181, 185	OFDMA	BPSK	MCS0
	6895-7115	189 to 233	209, 233	OFDMA	BPSK	MCS0
802.11ax (HE20)	5955-6415	1 to 93	1, 45, 93	OFDMA	BPSK	MCS0
	6435-6515	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
	6535-6875	117 to 185	117, 149, 181, 185	OFDMA	BPSK	MCS0
	6895-7115	189 to 233	209, 233	OFDMA	BPSK	MCS0
802.11ax (HE40)	5965-6405	3 to 91	3, 43, 91	OFDMA	BPSK	MCS0
	6445-6525	99 to 115	99, 107, 115	OFDMA	BPSK	MCS0
	6565-6885	123 to 187	123, 155, 179, 187	OFDMA	BPSK	MCS0
	6925-7085	195 to 227	211, 227	OFDMA	BPSK	MCS0
802.11ax (HE80)	5985-6385	7 to 87	7, 39, 87	OFDMA	BPSK	MCS0
	6465-6525	103 to 119	103, 119	OFDMA	BPSK	MCS0
	6625-6865	135 to 183	151, 183	OFDMA	BPSK	MCS0
	6945-7025	199 to 215	199, 215	OFDMA	BPSK	MCS0
802.11ax (HE160)	6025-6345	15 to 79	15, 47, 79	OFDMA	BPSK	MCS0
	6505	111	111	OFDMA	BPSK	MCS0
	6665-6825	143 to 175	143, 175	OFDMA	BPSK	MCS0
	6985	207	207	OFDMA	BPSK	MCS0

Contention Based Protocol Measurement:

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

Mode	FREQ. Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
802.11ax (HE20)	5955-6415	1 to 93	45	OFDMA	BPSK	MCS0
	6435-6515	97 to 113	97	OFDMA	BPSK	MCS0
	6535-6875	117 to 185	149	OFDMA	BPSK	MCS0
	6895-7115	189 to 233	209	OFDMA	BPSK	MCS0
802.11ax (HE160)	6025-6345	15 to 79	47	OFDMA	BPSK	MCS0
	6505	111	111	OFDMA	BPSK	MCS0
	6665-6825	143 to 175	143	OFDMA	BPSK	MCS0
	6985	207	207	OFDMA	BPSK	MCS0

Test Condition:

Applicable To	Environmental Conditions	Input Power (System)	Tested By
RE \geq 1G	25deg. C, 68%RH	120Vac, 60Hz	Ryan Du
RE<1G	25deg. C, 68%RH	120Vac, 60Hz	Tom Yang
PLC	25deg. C, 62%RH	120Vac, 60Hz	Sampson Chen
APCM	25deg. C, 60%RH	120Vac, 60Hz	Chris Lin Matthew Yang

3.3 Duty Cycle of Test Signal

Duty cycle of test signal is $\geq 98\%$, duty factor is not required.

802.11a: Duty cycle = 2.094 ms/2.115 ms= 0.99

802.11ax (HE20): Duty cycle = 5.44 ms/5.464 ms= 0.996

802.11ax (HE40): Duty cycle = 5.443 ms/5.466 ms= 0.996

802.11ax (HE80): Duty cycle = 5.433 ms/5.466 ms= 0.994

802.11ax (HE160): Duty cycle = 5.444 ms/5.465 ms= 0.996

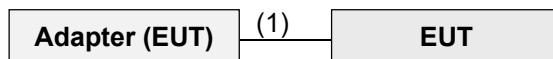


3.4 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	Type C to Type C Cable	1	0.5	Y	0	Accessory

3.4.1 Configuration of System under Test



3.5 General Description of Applied Standard

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and references:

Test Standard:

FCC Part 15, Subpart E (15.407)

ANSI C63.10-2013

All test items have been performed and recorded as per the above standards.

References Test Guidance:

KDB 987594 D02 U-NII 6 GHz EMC Measurement v01v01

KDB 789033 D02 General UNII Test Procedure New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

NOTE:

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 1000MHz, 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 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

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

Note:

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

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

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver Keysight	N9038A	MY54450088	Jul. 06, 2020	Jul. 05, 2021
Pre-Amplifier EMCI	EMC001340	980142	May 25, 2020	May 24, 2021
Loop Antenna Electro-Metrics	EM-6879	264	Mar. 05, 2021	Mar. 04, 2022
RF Cable	5D-FB	LOOPCAB-001	Jan. 07, 2021	Jan. 06, 2022
RF Cable	5D-FB	LOOPCAB-002	Jan. 07, 2021	Jan. 06, 2022
Pre-Amplifier Mini-Circuits	ZFL-1000VH2	QA0838008	Oct. 20, 2020	Oct. 19, 2021
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Nov. 05, 2020	Nov. 04, 2021
RF Cable	8D	966-3-1	Mar. 17, 2020	Mar. 16, 2021
			Mar. 16, 2021	Mar. 15, 2022
RF Cable	8D	966-3-2	Mar. 17, 2020	Mar. 16, 2021
			Mar. 16, 2021	Mar. 15, 2022
RF Cable	8D	966-3-3	Mar. 17, 2020	Mar. 16, 2021
			Mar. 16, 2021	Mar. 15, 2022
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	Sep. 24, 2020	Sep. 23, 2021
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Nov. 22, 2020	Nov. 21, 2021
Pre-Amplifier EMCI	EMC12630SE	980384	Jan. 11, 2021	Jan. 10, 2022
RF Cable	EMC104-SM-SM-1500	180504	Apr. 29, 2020	Apr. 28, 2021
RF Cable	EMC104-SM-SM-2000	180601	Jun. 09, 2020	Jun. 08, 2021
RF Cable	EMC104-SM-SM-6000	180602	Jun. 09, 2020	Jun. 08, 2021
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in 966 Chamber No. 3.

4.1.3 Test Procedure

For Radiated emission below 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. 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.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

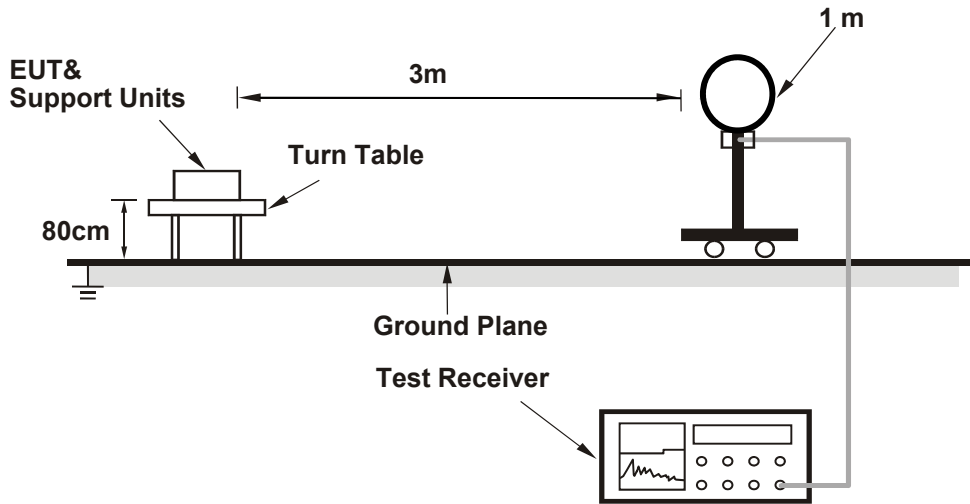
- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving 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.
- f. The test-receiver system was set to peak 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 RMS detector is unnecessary.

Note:

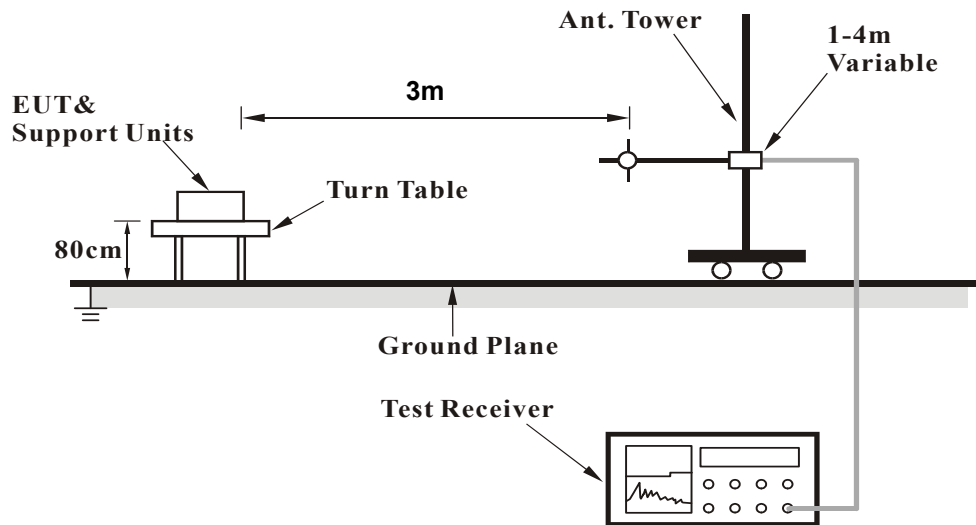
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The detection is peak and the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average measurement (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Test Setup

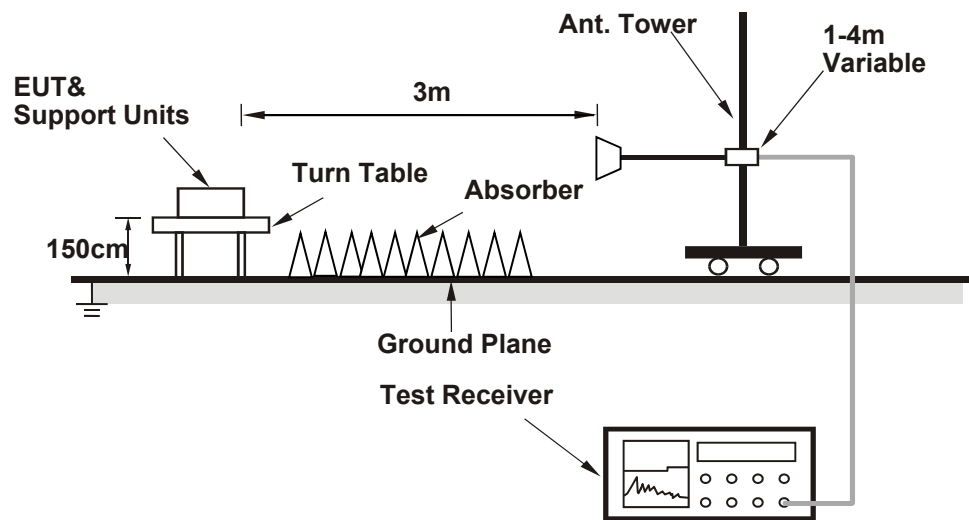
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.5 EUT Operating Condition

- a. Connected the EUT with the Laptop which is placed on the testing table.
- b. Controlling software has been activated to set the EUT under transmission condition continuously.

4.1.6 Test Results

Above 1GHz Data:

2TX

802.11a

RF Mode	TX Channel 1: 5955MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	50.5 PK	88.2	-37.7	2.21 H	236	44.9	5.6
2	#5925.00	39.5 AV	68.2	-28.7	2.21 H	236	33.9	5.6
3	*5955.00	87.2 PK			2.21 H	236	81.4	5.8
4	*5955.00	77.4 AV			2.21 H	236	71.6	5.8
5	11910.00	50.2 PK	74.0	-23.8	1.55 H	104	35.8	14.4
6	11910.00	38.1 AV	54.0	-15.9	1.55 H	104	23.7	14.4
7	17865.00	41.2 PK	74.0	-32.8	2.05 H	286	19.9	21.3
8	17865.00	30.6 AV	54.0	-23.4	2.05 H	286	9.3	21.3
9	23820.00	36.2 PK	74.0	-37.8	1.02 H	339	39.5	-3.3
10	23820.00	22.5 AV	54.0	-31.5	1.02 H	339	25.8	-3.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	51.0 PK	88.2	-37.2	1.02 V	272	45.4	5.6
2	#5925.00	39.3 AV	68.2	-28.9	1.02 V	272	33.7	5.6
3	*5955.00	87.0 PK			1.02 V	272	81.2	5.8
4	*5955.00	76.5 AV			1.02 V	272	70.7	5.8
5	11910.00	50.7 PK	74.0	-23.3	2.19 V	168	36.3	14.4
6	11910.00	38.3 AV	54.0	-15.7	2.19 V	168	23.9	14.4
7	17865.00	42.8 PK	74.0	-31.2	3.15 V	130	21.5	21.3
8	17865.00	31.5 AV	54.0	-22.5	3.15 V	130	10.2	21.3
9	23820.00	34.3 PK	74.0	-39.7	1.34 V	44	37.6	-3.3
10	23820.00	22.3 AV	54.0	-31.7	1.34 V	44	25.6	-3.3

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

RF Mode	TX Channel 45: 6175MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	87.5 PK			2.23 H	236	81.5	6.0
2	*6175.00	77.9 AV			2.23 H	236	71.9	6.0
3	12350.00	51.2 PK	74.0	-22.8	1.58 H	113	36.9	14.3
4	12350.00	38.7 AV	54.0	-15.3	1.58 H	113	24.4	14.3
5	18525.00	41.5 PK	74.0	-32.5	2.01 H	288	48.1	-6.6
6	18525.00	31.0 AV	54.0	-23.0	2.01 H	288	37.6	-6.6
7	#24700.00	35.9 PK	88.2	-52.3	1.02 H	340	38.0	-2.1

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	82.3 PK			1.43 V	285	76.3	6.0
2	*6175.00	74.0 AV			1.43 V	285	68.0	6.0
3	12350.00	50.8 PK	74.0	-23.2	2.16 V	155	36.5	14.3
4	12350.00	38.5 AV	54.0	-15.5	2.16 V	155	24.2	14.3
5	18525.00	42.4 PK	74.0	-31.6	3.09 V	111	49.0	-6.6
6	18525.00	31.1 AV	54.0	-22.9	3.09 V	111	37.7	-6.6
7	#24700.00	34.5 PK	88.2	-53.7	1.27 V	51	36.6	-2.1

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

RF Mode	TX Channel 93: 6415MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	87.4 PK			2.16 H	223	80.2	7.2
2	*6415.00	77.9 AV			2.16 H	223	70.7	7.2
3	#12830.00	50.6 PK	88.2	-37.6	1.53 H	91	35.5	15.1
4	19245.00	41.3 PK	74.0	-32.7	2.08 H	276	47.9	-6.6
5	19245.00	30.9 AV	54.0	-23.1	2.08 H	276	37.5	-6.6
6	#25660.00	36.4 PK	88.2	-51.8	1.02 H	360	37.7	-1.3

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	*6415.00	82.5 PK			1.38 V	291	75.3	7.2
2	*6415.00	73.7 AV			1.38 V	291	66.5	7.2
3	#12830.00	50.5 PK	88.2	-37.7	2.26 V	145	35.4	15.1
4	19245.00	42.6 PK	74.0	-31.4	3.13 V	116	49.2	-6.6
5	19245.00	31.5 AV	54.0	-22.5	3.13 V	116	38.1	-6.6
6	#25660.00	34.7 PK	88.2	-53.5	1.34 V	70	36.0	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX Channel 97: 6435MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	87.5 PK			2.15 H	221	80.0	7.5
2	*6435.00	77.4 AV			2.15 H	221	69.9	7.5
3	#12870.00	51.2 PK	88.2	-37.0	1.51 H	105	36.3	14.9
4	19305.00	41.7 PK	74.0	-32.3	2.04 H	287	48.2	-6.5
5	19305.00	30.9 AV	54.0	-23.1	2.04 H	287	37.4	-6.5
6	#25740.00	36.1 PK	88.2	-52.1	1.07 H	356	37.4	-1.3

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	*6435.00	82.4 PK			1.40 V	272	74.9	7.5
2	*6435.00	74.2 AV			1.40 V	272	66.7	7.5
3	#12870.00	50.2 PK	88.2	-38.0	2.19 V	174	35.3	14.9
4	19305.00	42.4 PK	74.0	-31.6	3.13 V	117	48.9	-6.5
5	19305.00	30.9 AV	54.0	-23.1	3.13 V	117	37.4	-6.5
6	#25740.00	34.8 PK	88.2	-53.4	1.32 V	65	36.1	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX Channel 105: 6475MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	86.8 PK			2.26 H	230	79.0	7.8
2	*6475.00	77.1 AV			2.26 H	230	69.3	7.8
3	#12950.00	51.1 PK	88.2	-37.1	1.50 H	91	36.2	14.9
4	19425.00	41.1 PK	74.0	-32.9	2.01 H	279	47.3	-6.2
5	19425.00	30.6 AV	54.0	-23.4	2.01 H	279	36.8	-6.2
6	#25900.00	35.3 PK	88.2	-52.9	1.07 H	360	36.5	-1.2
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	*6475.00	81.7 PK			1.44 V	291	73.9	7.8
2	*6475.00	73.5 AV			1.44 V	291	65.7	7.8
3	#12950.00	50.3 PK	88.2	-37.9	2.19 V	146	35.4	14.9
4	19425.00	42.1 PK	74.0	-31.9	3.17 V	140	48.3	-6.2
5	19425.00	30.9 AV	54.0	-23.1	3.17 V	140	37.1	-6.2
6	#25900.00	34.2 PK	88.2	-54.0	1.28 V	68	35.4	-1.2

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

RF Mode	TX Channel 113: 6515MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	86.9 PK			2.26 H	231	78.9	8.0
2	*6515.00	77.0 AV			2.26 H	231	69.0	8.0
3	#13030.00	50.2 PK	88.2	-38.0	1.59 H	110	35.0	15.2
4	19545.00	41.4 PK	74.0	-32.6	2.10 H	294	47.6	-6.2
5	19545.00	30.6 AV	54.0	-23.4	2.10 H	294	36.8	-6.2
6	#26060.00	35.2 PK	88.2	-53.0	1.02 H	353	36.2	-1.0

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	*6515.00	82.8 PK			1.44 V	294	74.8	8.0
2	*6515.00	74.5 AV			1.44 V	294	66.5	8.0
3	#13030.00	50.8 PK	88.2	-37.4	2.22 V	163	35.6	15.2
4	19545.00	42.2 PK	74.0	-31.8	3.16 V	116	48.4	-6.2
5	19545.00	31.2 AV	54.0	-22.8	3.16 V	116	37.4	-6.2
6	#26060.00	34.7 PK	88.2	-53.5	1.25 V	41	35.7	-1.0

Remarks:

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

RF Mode	TX Channel 117: 6535MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	87.1 PK			2.23 H	227	78.9	8.2
2	*6535.00	76.8 AV			2.23 H	227	68.6	8.2
3	#13070.00	50.7 PK	88.2	-37.5	1.49 H	110	35.3	15.4
4	19605.00	41.6 PK	74.0	-32.4	2.11 H	278	47.8	-6.2
5	19605.00	31.3 AV	54.0	-22.7	2.11 H	278	37.5	-6.2
6	#26140.00	35.9 PK	88.2	-52.3	1.10 H	356	36.9	-1.0

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	82.8 PK			1.46 V	273	74.6	8.2
2	*6535.00	74.2 AV			1.46 V	273	66.0	8.2
3	#13070.00	50.5 PK	88.2	-37.7	2.25 V	144	35.1	15.4
4	19605.00	42.3 PK	74.0	-31.7	3.18 V	119	48.5	-6.2
5	19605.00	31.1 AV	54.0	-22.9	3.18 V	119	37.3	-6.2
6	#26140.00	34.9 PK	88.2	-53.3	1.34 V	39	35.9	-1.0

Remarks:

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

RF Mode	TX Channel 149: 6695MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	86.9 PK			2.24 H	236	78.6	8.3
2	*6695.00	77.4 AV			2.24 H	236	69.1	8.3
3	13390.00	50.8 PK	74.0	-23.2	1.60 H	92	34.6	16.2
4	13390.00	38.3 AV	54.0	-15.7	1.60 H	92	22.1	16.2
5	20085.00	40.7 PK	74.0	-33.3	2.10 H	290	46.4	-5.7
6	20085.00	30.4 AV	54.0	-23.6	2.10 H	290	36.1	-5.7
7	#26780.00	36.2 PK	88.2	-52.0	1.06 H	343	36.8	-0.6

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	*6695.00	82.3 PK			1.41 V	302	74.0	8.3
2	*6695.00	74.0 AV			1.41 V	302	65.7	8.3
3	13390.00	50.3 PK	74.0	-23.7	2.17 V	150	34.1	16.2
4	13390.00	38.0 AV	54.0	-16.0	2.17 V	150	21.8	16.2
5	20085.00	42.4 PK	74.0	-31.6	3.09 V	138	48.1	-5.7
6	20085.00	30.9 AV	54.0	-23.1	3.09 V	138	36.6	-5.7
7	#26780.00	34.8 PK	88.2	-53.4	1.33 V	43	35.4	-0.6

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

RF Mode	TX Channel 181: 6855MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	86.8 PK			2.15 H	238	78.5	8.3
2	*6855.00	77.0 AV			2.15 H	238	68.7	8.3
3	#13710.00	51.4 PK	88.2	-36.8	1.59 H	106	34.4	17.0
4	20565.00	41.9 PK	74.0	-32.1	2.09 H	282	47.0	-5.1
5	20565.00	31.3 AV	54.0	-22.7	2.09 H	282	36.4	-5.1
6	#27420.00	35.7 PK	88.2	-52.5	1.05 H	349	37.2	-1.5
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	82.4 PK			1.45 V	277	74.1	8.3
2	*6855.00	73.7 AV			1.45 V	277	65.4	8.3
3	#13710.00	50.5 PK	88.2	-37.7	2.17 V	160	33.5	17.0
4	20565.00	42.2 PK	74.0	-31.8	3.08 V	116	47.3	-5.1
5	20565.00	31.1 AV	54.0	-22.9	3.08 V	116	36.2	-5.1
6	#27420.00	34.8 PK	88.2	-53.4	1.26 V	43	36.3	-1.5

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

RF Mode	TX Channel 185: 6875MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	87.6 PK			2.26 H	242	79.1	8.5
2	*6875.00	77.7 AV			2.26 H	242	69.2	8.5
3	#13750.00	51.1 PK	88.2	-37.1	1.53 H	107	34.0	17.1
4	20625.00	41.9 PK	74.0	-32.1	2.06 H	272	46.8	-4.9
5	20625.00	31.1 AV	54.0	-22.9	2.06 H	272	36.0	-4.9
6	#27500.00	35.5 PK	88.2	-52.7	1.02 H	360	36.9	-1.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	83.0 PK			1.42 V	292	74.5	8.5
2	*6875.00	74.4 AV			1.42 V	292	65.9	8.5
3	#13750.00	51.2 PK	88.2	-37.0	2.20 V	163	34.1	17.1
4	20625.00	42.1 PK	74.0	-31.9	3.08 V	124	47.0	-4.9
5	20625.00	30.6 AV	54.0	-23.4	3.08 V	124	35.5	-4.9
6	#27500.00	34.1 PK	88.2	-54.1	1.25 V	61	35.5	-1.4

Remarks:

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

RF Mode	TX Channel 209: 6995MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	87.3 PK			2.23 H	229	78.1	9.2
2	*6995.00	77.4 AV			2.23 H	229	68.2	9.2
3	#13990.00	50.7 PK	88.2	-37.5	1.56 H	116	33.5	17.2
4	20985.00	40.8 PK	74.0	-33.2	2.11 H	298	45.3	-4.5
5	20985.00	30.5 AV	54.0	-23.5	2.11 H	298	35.0	-4.5
6	#27980.00	36.2 PK	88.2	-52.0	1.09 H	351	37.8	-1.6
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	*6995.00	83.0 PK			1.43 V	285	73.8	9.2
2	*6995.00	74.4 AV			1.43 V	285	65.2	9.2
3	#13990.00	50.2 PK	88.2	-38.0	2.22 V	145	33.0	17.2
4	20985.00	42.8 PK	74.0	-31.2	3.17 V	133	47.3	-4.5
5	20985.00	31.4 AV	54.0	-22.6	3.17 V	133	35.9	-4.5
6	#27980.00	34.3 PK	88.2	-53.9	1.26 V	67	35.9	-1.6

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

RF Mode	TX Channel 233: 7115MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	85.4 PK			2.49 H	221	75.1	10.3
2	*7115.00	76.7 AV			2.49 H	221	66.4	10.3
3	#7125.00	56.2 PK	88.2	-32.0	2.49 H	221	45.8	10.4
4	#7125.00	46.1 AV	68.2	-22.1	2.49 H	221	35.7	10.4
5	#14230.00	50.8 PK	88.2	-37.4	1.55 H	103	32.4	18.4
6	21345.00	41.5 PK	74.0	-32.5	2.06 H	283	45.7	-4.2
7	21345.00	30.9 AV	54.0	-23.1	2.06 H	283	35.1	-4.2
8	#28460.00	35.7 PK	88.2	-52.5	1.07 H	354	37.6	-1.9
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	82.5 PK			1.41 V	287	72.2	10.3
2	*7115.00	74.0 AV			1.41 V	287	63.7	10.3
3	#7125.00	56.1 PK	88.2	-32.1	1.41 V	287	45.7	10.4
4	#7125.00	44.8 AV	68.2	-23.4	1.41 V	287	34.4	10.4
5	#14230.00	50.8 PK	88.2	-37.4	2.20 V	159	32.4	18.4
6	21345.00	42.3 PK	74.0	-31.7	3.13 V	126	46.5	-4.2
7	21345.00	31.1 AV	54.0	-22.9	3.13 V	126	35.3	-4.2
8	#28460.00	34.6 PK	88.2	-53.6	1.31 V	54	36.5	-1.9

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

802.11ax (HE20)

RF Mode	TX Channel 1: 5955MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	51.0 PK	88.2	-37.2	2.27 H	237	45.4	5.6
2	#5925.00	40.8 AV	68.2	-27.4	2.27 H	237	35.2	5.6
3	*5955.00	90.0 PK			2.27 H	237	84.2	5.8
4	*5955.00	78.7 AV			2.27 H	237	72.9	5.8
5	11910.00	50.3 PK	74.0	-23.7	1.51 H	108	35.9	14.4
6	11910.00	38.1 AV	54.0	-15.9	1.51 H	108	23.7	14.4
7	17865.00	41.4 PK	74.0	-32.6	2.09 H	298	20.1	21.3
8	17865.00	30.7 AV	54.0	-23.3	2.09 H	298	9.4	21.3
9	23820.00	35.4 PK	74.0	-38.6	1.10 H	344	38.7	-3.3
10	23820.00	21.9 AV	54.0	-32.1	1.10 H	344	25.2	-3.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	50.8 PK	88.2	-37.4	1.00 V	270	45.2	5.6
2	#5925.00	39.4 AV	68.2	-28.8	1.00 V	270	33.8	5.6
3	*5955.00	87.8 PK			1.00 V	270	82.0	5.8
4	*5955.00	76.1 AV			1.00 V	270	70.3	5.8
5	11910.00	51.2 PK	74.0	-22.8	2.19 V	162	36.8	14.4
6	11910.00	38.9 AV	54.0	-15.1	2.19 V	162	24.5	14.4
7	17865.00	41.8 PK	74.0	-32.2	3.10 V	136	20.5	21.3
8	17865.00	30.8 AV	54.0	-23.2	3.10 V	136	9.5	21.3
9	23820.00	34.6 PK	74.0	-39.4	1.37 V	39	37.9	-3.3
10	23820.00	22.6 AV	54.0	-31.4	1.37 V	39	25.9	-3.3

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

RF Mode	TX Channel 45: 6175MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	90.0 PK			2.23 H	238	84.0	6.0
2	*6175.00	78.7 AV			2.23 H	238	72.7	6.0
3	12350.00	51.2 PK	74.0	-22.8	1.51 H	88	36.9	14.3
4	12350.00	38.8 AV	54.0	-15.2	1.51 H	88	24.5	14.3
5	18525.00	41.6 PK	74.0	-32.4	2.11 H	278	48.2	-6.6
6	18525.00	30.8 AV	54.0	-23.2	2.11 H	278	37.4	-6.6
7	#24700.00	36.1 PK	88.2	-52.1	1.12 H	343	38.2	-2.1

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6175.00	88.0 PK			1.00 V	281	82.0	6.0
2	*6175.00	76.5 AV			1.00 V	281	70.5	6.0
3	12350.00	50.8 PK	74.0	-23.2	2.22 V	162	36.5	14.3
4	12350.00	38.8 AV	54.0	-15.2	2.22 V	162	24.5	14.3
5	18525.00	41.7 PK	74.0	-32.3	3.15 V	134	48.3	-6.6
6	18525.00	30.8 AV	54.0	-23.2	3.15 V	134	37.4	-6.6
7	#24700.00	34.4 PK	88.2	-53.8	1.29 V	38	36.5	-2.1

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

RF Mode	TX Channel 93: 6415MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.3 PK			2.33 H	242	82.1	7.2
2	*6415.00	78.2 AV			2.33 H	242	71.0	7.2
3	#12830.00	50.4 PK	88.2	-37.8	1.51 H	107	35.3	15.1
4	19245.00	40.9 PK	74.0	-33.1	2.10 H	275	47.5	-6.6
5	19245.00	30.6 AV	54.0	-23.4	2.10 H	275	37.2	-6.6
6	#25660.00	36.0 PK	88.2	-52.2	1.04 H	352	37.3	-1.3

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	*6415.00	88.0 PK			1.03 V	281	80.8	7.2
2	*6415.00	76.2 AV			1.03 V	281	69.0	7.2
3	#12830.00	50.9 PK	88.2	-37.3	2.14 V	149	35.8	15.1
4	19245.00	42.5 PK	74.0	-31.5	3.19 V	125	49.1	-6.6
5	19245.00	31.2 AV	54.0	-22.8	3.19 V	125	37.8	-6.6
6	#25660.00	34.3 PK	88.2	-53.9	1.36 V	41	35.6	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX Channel 97: 6435MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	90.5 PK			2.22 H	244	83.0	7.5
2	*6435.00	79.0 AV			2.22 H	244	71.5	7.5
3	#12870.00	50.7 PK	88.2	-37.5	1.52 H	101	35.8	14.9
4	19305.00	41.0 PK	74.0	-33.0	2.06 H	281	47.5	-6.5
5	19305.00	30.6 AV	54.0	-23.4	2.06 H	281	37.1	-6.5
6	#25740.00	35.7 PK	88.2	-52.5	1.04 H	339	37.0	-1.3
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	*6435.00	88.0 PK			1.00 V	259	80.5	7.5
2	*6435.00	76.4 AV			1.00 V	259	68.9	7.5
3	#12870.00	51.0 PK	88.2	-37.2	2.23 V	161	36.1	14.9
4	19305.00	41.9 PK	74.0	-32.1	3.17 V	119	48.4	-6.5
5	19305.00	30.6 AV	54.0	-23.4	3.17 V	119	37.1	-6.5
6	#25740.00	35.1 PK	88.2	-53.1	1.36 V	41	36.4	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX Channel 105: 6475MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	90.0 PK			2.32 H	240	82.2	7.8
2	*6475.00	78.7 AV			2.32 H	240	70.9	7.8
3	#12950.00	50.7 PK	88.2	-37.5	1.59 H	111	35.8	14.9
4	19425.00	41.4 PK	74.0	-32.6	2.04 H	294	47.6	-6.2
5	19425.00	30.8 AV	54.0	-23.2	2.04 H	294	37.0	-6.2
6	#25900.00	35.7 PK	88.2	-52.5	1.04 H	343	36.9	-1.2

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	*6475.00	88.0 PK			1.00 V	280	80.2	7.8
2	*6475.00	76.5 AV			1.00 V	280	68.7	7.8
3	#12950.00	50.5 PK	88.2	-37.7	2.20 V	159	35.6	14.9
4	19425.00	42.0 PK	74.0	-32.0	3.11 V	113	48.2	-6.2
5	19425.00	30.8 AV	54.0	-23.2	3.11 V	113	37.0	-6.2
6	#25900.00	34.8 PK	88.2	-53.4	1.25 V	65	36.0	-1.2

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

RF Mode	TX Channel 113: 6515MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	90.0 PK			2.29 H	249	82.0	8.0
2	*6515.00	78.6 AV			2.29 H	249	70.6	8.0
3	#13030.00	50.6 PK	88.2	-37.6	1.59 H	115	35.4	15.2
4	19545.00	40.9 PK	74.0	-33.1	2.02 H	293	47.1	-6.2
5	19545.00	30.4 AV	54.0	-23.6	2.02 H	293	36.6	-6.2
6	#26060.00	36.3 PK	88.2	-51.9	1.06 H	360	37.3	-1.0

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	*6515.00	87.6 PK			1.00 V	282	79.6	8.0
2	*6515.00	75.9 AV			1.00 V	282	67.9	8.0
3	#13030.00	51.4 PK	88.2	-36.8	2.19 V	164	36.2	15.2
4	19545.00	41.8 PK	74.0	-32.2	3.18 V	117	48.0	-6.2
5	19545.00	30.6 AV	54.0	-23.4	3.18 V	117	36.8	-6.2
6	#26060.00	34.4 PK	88.2	-53.8	1.35 V	65	35.4	-1.0

Remarks:

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

RF Mode	TX Channel 117: 6535MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.9 PK			2.25 H	227	81.7	8.2
2	*6535.00	78.6 AV			2.25 H	227	70.4	8.2
3	#13070.00	50.8 PK	88.2	-37.4	1.51 H	93	35.4	15.4
4	19605.00	41.2 PK	74.0	-32.8	2.02 H	290	47.4	-6.2
5	19605.00	30.8 AV	54.0	-23.2	2.02 H	290	37.0	-6.2
6	#26140.00	35.4 PK	88.2	-52.8	1.09 H	360	36.4	-1.0

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	87.8 PK			1.00 V	276	79.6	8.2
2	*6535.00	76.1 AV			1.00 V	276	67.9	8.2
3	#13070.00	50.7 PK	88.2	-37.5	2.24 V	158	35.3	15.4
4	19605.00	42.0 PK	74.0	-32.0	3.17 V	140	48.2	-6.2
5	19605.00	30.8 AV	54.0	-23.2	3.17 V	140	37.0	-6.2
6	#26140.00	34.2 PK	88.2	-54.0	1.36 V	51	35.2	-1.0

Remarks:

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

RF Mode	TX Channel 149: 6695MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	90.5 PK			2.30 H	227	82.2	8.3
2	*6695.00	79.0 AV			2.30 H	227	70.7	8.3
3	13390.00	50.3 PK	74.0	-23.7	1.52 H	116	34.1	16.2
4	13390.00	38.2 AV	54.0	-15.8	1.52 H	116	22.0	16.2
5	20085.00	41.7 PK	74.0	-32.3	2.06 H	269	47.4	-5.7
6	20085.00	30.9 AV	54.0	-23.1	2.06 H	269	36.6	-5.7
7	#26780.00	35.7 PK	88.2	-52.5	1.05 H	352	36.3	-0.6

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	*6695.00	87.7 PK			1.00 V	279	79.4	8.3
2	*6695.00	76.1 AV			1.00 V	279	67.8	8.3
3	13390.00	50.4 PK	74.0	-23.6	2.19 V	172	34.2	16.2
4	13390.00	38.1 AV	54.0	-15.9	2.19 V	172	21.9	16.2
5	20085.00	42.7 PK	74.0	-31.3	3.18 V	123	48.4	-5.7
6	20085.00	31.5 AV	54.0	-22.5	3.18 V	123	37.2	-5.7
7	#26780.00	34.6 PK	88.2	-53.6	1.36 V	61	35.2	-0.6

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

RF Mode	TX Channel 181: 6855MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.5 PK			2.22 H	225	81.2	8.3
2	*6855.00	78.2 AV			2.22 H	225	69.9	8.3
3	#13710.00	50.4 PK	88.2	-37.8	1.55 H	96	33.4	17.0
4	20565.00	41.7 PK	74.0	-32.3	2.03 H	277	46.8	-5.1
5	20565.00	31.3 AV	54.0	-22.7	2.03 H	277	36.4	-5.1
6	#27420.00	35.9 PK	88.2	-52.3	1.06 H	354	37.4	-1.5

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	88.3 PK			1.00 V	268	80.0	8.3
2	*6855.00	76.5 AV			1.00 V	268	68.2	8.3
3	#13710.00	50.2 PK	88.2	-38.0	2.17 V	164	33.2	17.0
4	20565.00	42.4 PK	74.0	-31.6	3.07 V	142	47.5	-5.1
5	20565.00	31.4 AV	54.0	-22.6	3.07 V	142	36.5	-5.1
6	#27420.00	34.2 PK	88.2	-54.0	1.29 V	53	35.7	-1.5

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

RF Mode	TX Channel 185: 6875MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	90.3 PK			2.28 H	224	81.8	8.5
2	*6875.00	78.7 AV			2.28 H	224	70.2	8.5
3	#13750.00	50.9 PK	88.2	-37.3	1.55 H	93	33.8	17.1
4	20625.00	41.7 PK	74.0	-32.3	2.12 H	295	46.6	-4.9
5	20625.00	30.8 AV	54.0	-23.2	2.12 H	295	35.7	-4.9
6	#27500.00	35.8 PK	88.2	-52.4	1.11 H	360	37.2	-1.4

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	88.1 PK			1.03 V	266	79.6	8.5
2	*6875.00	76.2 AV			1.03 V	266	67.7	8.5
3	#13750.00	50.4 PK	88.2	-37.8	2.20 V	174	33.3	17.1
4	20625.00	42.9 PK	74.0	-31.1	3.11 V	123	47.8	-4.9
5	20625.00	31.4 AV	54.0	-22.6	3.11 V	123	36.3	-4.9
6	#27500.00	34.2 PK	88.2	-54.0	1.26 V	62	35.6	-1.4

Remarks:

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

RF Mode	TX Channel 209: 6995MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	90.3 PK			2.29 H	248	81.1	9.2
2	*6995.00	79.2 AV			2.29 H	248	70.0	9.2
3	#13990.00	50.7 PK	88.2	-37.5	1.54 H	90	33.5	17.2
4	20985.00	41.9 PK	74.0	-32.1	2.09 H	282	46.4	-4.5
5	20985.00	31.3 AV	54.0	-22.7	2.09 H	282	35.8	-4.5
6	#27980.00	36.0 PK	88.2	-52.2	1.02 H	355	37.6	-1.6
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	*6995.00	87.2 PK			1.05 V	267	78.0	9.2
2	*6995.00	75.6 AV			1.05 V	267	66.4	9.2
3	#13990.00	51.1 PK	88.2	-37.1	2.24 V	150	33.9	17.2
4	20985.00	42.4 PK	74.0	-31.6	3.12 V	123	46.9	-4.5
5	20985.00	31.3 AV	54.0	-22.7	3.12 V	123	35.8	-4.5
6	#27980.00	34.5 PK	88.2	-53.7	1.28 V	61	36.1	-1.6

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

RF Mode	TX Channel 233: 7115MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	87.7 PK			2.38 H	225	77.4	10.3
2	*7115.00	77.1 AV			2.38 H	225	66.8	10.3
3	#7125.00	68.8 PK	88.2	-19.4	2.38 H	225	58.4	10.4
4	#7125.00	60.7 AV	68.2	-7.5	2.38 H	225	50.3	10.4
5	#14230.00	50.7 PK	88.2	-37.5	1.52 H	97	32.3	18.4
6	21345.00	41.2 PK	74.0	-32.8	2.10 H	291	45.4	-4.2
7	21345.00	30.7 AV	54.0	-23.3	2.10 H	291	34.9	-4.2
8	#28460.00	35.2 PK	88.2	-53.0	1.05 H	346	37.1	-1.9
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	86.8 PK			1.42 V	287	76.5	10.3
2	*7115.00	74.0 AV			1.42 V	287	63.7	10.3
3	#7125.00	66.7 PK	88.2	-21.5	1.42 V	287	56.3	10.4
4	#7125.00	58.1 AV	68.2	-10.1	1.42 V	287	47.7	10.4
5	#14230.00	51.0 PK	88.2	-37.2	2.17 V	172	32.6	18.4
6	21345.00	43.0 PK	74.0	-31.0	3.15 V	138	47.2	-4.2
7	21345.00	31.6 AV	54.0	-22.4	3.15 V	138	35.8	-4.2
8	#28460.00	34.5 PK	88.2	-53.7	1.28 V	58	36.4	-1.9

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

802.11ax (HE40)

RF Mode	TX Channel 3: 5965MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	51.9 PK	88.2	-36.3	2.29 H	237	46.3	5.6
2	#5925.00	39.3 AV	68.2	-28.9	2.29 H	237	33.7	5.6
3	*5965.00	90.4 PK			2.29 H	237	84.6	5.8
4	*5965.00	80.0 AV			2.29 H	237	74.2	5.8
5	11930.00	50.9 PK	74.0	-23.1	1.51 H	92	36.5	14.4
6	11930.00	38.9 AV	54.0	-15.1	1.51 H	92	24.5	14.4
7	17895.00	41.5 PK	74.0	-32.5	2.01 H	275	19.9	21.6
8	17895.00	31.1 AV	54.0	-22.9	2.01 H	275	9.5	21.6
9	23860.00	35.7 PK	74.0	-38.3	1.04 H	345	39.0	-3.3
10	23860.00	22.3 AV	54.0	-31.7	1.04 H	345	25.6	-3.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	51.1 PK	88.2	-37.1	1.03 V	272	45.5	5.6
2	#5925.00	39.7 AV	68.2	-28.5	1.03 V	272	34.1	5.6
3	*5965.00	89.2 PK			1.03 V	272	83.4	5.8
4	*5965.00	78.0 AV			1.03 V	272	72.2	5.8
5	11930.00	50.9 PK	74.0	-23.1	2.18 V	166	36.5	14.4
6	11930.00	38.4 AV	54.0	-15.6	2.18 V	166	24.0	14.4
7	17895.00	42.3 PK	74.0	-31.7	3.14 V	139	20.7	21.6
8	17895.00	31.1 AV	54.0	-22.9	3.14 V	139	9.5	21.6
9	23860.00	34.4 PK	74.0	-39.6	1.31 V	56	37.7	-3.3
10	23860.00	22.5 AV	54.0	-31.5	1.31 V	56	25.8	-3.3

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

RF Mode	TX Channel 43: 6165MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.4 PK			2.45 H	218	86.4	6.0
2	*6165.00	80.6 AV			2.45 H	218	74.6	6.0
3	12330.00	50.9 PK	74.0	-23.1	1.60 H	111	36.4	14.5
4	12330.00	38.6 AV	54.0	-15.4	1.60 H	111	24.1	14.5
5	18495.00	41.3 PK	74.0	-32.7	2.08 H	294	47.9	-6.6
6	18495.00	30.7 AV	54.0	-23.3	2.08 H	294	37.3	-6.6
7	#24660.00	35.7 PK	88.2	-52.5	1.12 H	339	37.8	-2.1
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	*6165.00	89.9 PK			1.00 V	279	83.9	6.0
2	*6165.00	78.5 AV			1.00 V	279	72.5	6.0
3	12330.00	50.7 PK	74.0	-23.3	2.24 V	152	36.2	14.5
4	12330.00	38.3 AV	54.0	-15.7	2.24 V	152	23.8	14.5
5	18495.00	41.7 PK	74.0	-32.3	3.10 V	136	48.3	-6.6
6	18495.00	30.7 AV	54.0	-23.3	3.10 V	136	37.3	-6.6
7	#24660.00	34.7 PK	88.2	-53.5	1.26 V	66	36.8	-2.1

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

RF Mode	TX Channel 91: 6405MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.9 PK			2.44 H	230	84.8	7.1
2	*6405.00	80.2 AV			2.44 H	230	73.1	7.1
3	#12810.00	50.9 PK	88.2	-37.3	1.56 H	100	35.8	15.1
4	19215.00	41.7 PK	74.0	-32.3	2.03 H	277	48.2	-6.5
5	19215.00	30.9 AV	54.0	-23.1	2.03 H	277	37.4	-6.5
6	#25620.00	35.4 PK	88.2	-52.8	1.07 H	352	36.7	-1.3

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	*6405.00	89.2 PK			1.04 V	284	82.1	7.1
2	*6405.00	77.7 AV			1.04 V	284	70.6	7.1
3	#12810.00	50.3 PK	88.2	-37.9	2.22 V	173	35.2	15.1
4	19215.00	42.4 PK	74.0	-31.6	3.16 V	121	48.9	-6.5
5	19215.00	31.1 AV	54.0	-22.9	3.16 V	121	37.6	-6.5
6	#25620.00	35.0 PK	88.2	-53.2	1.28 V	53	36.3	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX Channel 99: 6445MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.0 PK			2.41 H	218	84.4	7.6
2	*6445.00	80.3 AV			2.41 H	218	72.7	7.6
3	#12890.00	51.0 PK	88.2	-37.2	1.51 H	102	36.3	14.7
4	19335.00	42.0 PK	74.0	-32.0	2.06 H	287	48.5	-6.5
5	19335.00	31.2 AV	54.0	-22.8	2.06 H	287	37.7	-6.5
6	#25780.00	35.9 PK	88.2	-52.3	1.08 H	348	37.1	-1.2

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	*6445.00	88.6 PK			1.06 V	266	81.0	7.6
2	*6445.00	77.7 AV			1.06 V	266	70.1	7.6
3	#12890.00	51.1 PK	88.2	-37.1	2.21 V	168	36.4	14.7
4	19335.00	42.0 PK	74.0	-32.0	3.08 V	115	48.5	-6.5
5	19335.00	30.7 AV	54.0	-23.3	3.08 V	115	37.2	-6.5
6	#25780.00	34.9 PK	88.2	-53.3	1.26 V	40	36.1	-1.2

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

RF Mode	TX Channel 107: 6485MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.4 PK			2.38 H	222	84.5	7.9
2	*6485.00	80.6 AV			2.38 H	222	72.7	7.9
3	#12970.00	50.5 PK	88.2	-37.7	1.59 H	105	35.4	15.1
4	19455.00	41.8 PK	74.0	-32.2	2.01 H	276	48.0	-6.2
5	19455.00	30.9 AV	54.0	-23.1	2.01 H	276	37.1	-6.2
6	#25940.00	35.6 PK	88.2	-52.6	1.03 H	351	36.7	-1.1

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	*6485.00	89.2 PK			1.09 V	287	81.3	7.9
2	*6485.00	77.9 AV			1.09 V	287	70.0	7.9
3	#12970.00	50.6 PK	88.2	-37.6	2.22 V	174	35.5	15.1
4	19455.00	42.1 PK	74.0	-31.9	3.14 V	141	48.3	-6.2
5	19455.00	30.7 AV	54.0	-23.3	3.14 V	141	36.9	-6.2
6	#25940.00	35.0 PK	88.2	-53.2	1.29 V	55	36.1	-1.1

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

RF Mode	TX Channel 115: 6525MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.1 PK			2.43 H	234	84.0	8.1
2	*6525.00	80.4 AV			2.43 H	234	72.3	8.1
3	#13050.00	51.0 PK	88.2	-37.2	1.49 H	105	35.8	15.2
4	19575.00	41.9 PK	74.0	-32.1	2.08 H	290	48.2	-6.3
5	19575.00	31.2 AV	54.0	-22.8	2.08 H	290	37.5	-6.3
6	#26100.00	35.5 PK	88.2	-52.7	1.06 H	350	36.5	-1.0

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	*6525.00	89.4 PK			1.06 V	272	81.3	8.1
2	*6525.00	78.2 AV			1.06 V	272	70.1	8.1
3	#13050.00	51.0 PK	88.2	-37.2	2.25 V	166	35.8	15.2
4	19575.00	42.4 PK	74.0	-31.6	3.07 V	122	48.7	-6.3
5	19575.00	31.4 AV	54.0	-22.6	3.07 V	122	37.7	-6.3
6	#26100.00	34.4 PK	88.2	-53.8	1.33 V	52	35.4	-1.0

Remarks:

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

RF Mode	TX Channel 123: 6565MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.9 PK			2.43 H	222	84.6	8.3
2	*6565.00	80.8 AV			2.43 H	222	72.5	8.3
3	#13130.00	50.6 PK	88.2	-37.6	1.60 H	119	35.0	15.6
4	19695.00	41.4 PK	74.0	-32.6	2.09 H	292	47.6	-6.2
5	19695.00	30.9 AV	54.0	-23.1	2.09 H	292	37.1	-6.2
6	#26260.00	35.3 PK	88.2	-52.9	1.04 H	354	36.3	-1.0

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	*6565.00	89.1 PK			1.07 V	264	80.8	8.3
2	*6565.00	78.0 AV			1.07 V	264	69.7	8.3
3	#13130.00	51.3 PK	88.2	-36.9	2.17 V	171	35.7	15.6
4	19695.00	41.7 PK	74.0	-32.3	3.15 V	139	47.9	-6.2
5	19695.00	30.8 AV	54.0	-23.2	3.15 V	139	37.0	-6.2
6	#26260.00	34.4 PK	88.2	-53.8	1.37 V	64	35.4	-1.0

Remarks:

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

RF Mode	TX Channel 155: 6725MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.2 PK			2.36 H	236	84.0	8.2
2	*6725.00	80.2 AV			2.36 H	236	72.0	8.2
3	#13450.00	51.5 PK	88.2	-36.7	1.57 H	114	35.2	16.3
4	20175.00	41.5 PK	74.0	-32.5	2.04 H	271	46.9	-5.4
5	20175.00	30.8 AV	54.0	-23.2	2.04 H	271	36.2	-5.4
6	#26900.00	35.4 PK	88.2	-52.8	1.03 H	344	36.4	-1.0

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	*6725.00	88.8 PK			1.00 V	270	80.6	8.2
2	*6725.00	77.6 AV			1.00 V	270	69.4	8.2
3	#13450.00	50.5 PK	88.2	-37.7	2.18 V	169	34.2	16.3
4	20175.00	42.3 PK	74.0	-31.7	3.09 V	135	47.7	-5.4
5	20175.00	31.2 AV	54.0	-22.8	3.09 V	135	36.6	-5.4
6	#26900.00	34.8 PK	88.2	-53.4	1.32 V	56	35.8	-1.0

Remarks:

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

RF Mode	TX Channel 179: 6845MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.5 PK			2.31 H	230	84.2	8.3
2	*6845.00	81.1 AV			2.31 H	230	72.8	8.3
3	#13690.00	51.4 PK	88.2	-36.8	1.53 H	96	34.4	17.0
4	20535.00	42.0 PK	74.0	-32.0	2.06 H	277	47.2	-5.2
5	20535.00	31.3 AV	54.0	-22.7	2.06 H	277	36.5	-5.2
6	#27380.00	35.6 PK	88.2	-52.6	1.07 H	360	37.0	-1.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6845.00	89.2 PK			1.02 V	263	80.9	8.3
2	*6845.00	78.2 AV			1.02 V	263	69.9	8.3
3	#13690.00	51.1 PK	88.2	-37.1	2.24 V	148	34.1	17.0
4	20535.00	42.2 PK	74.0	-31.8	3.10 V	112	47.4	-5.2
5	20535.00	30.9 AV	54.0	-23.1	3.10 V	112	36.1	-5.2
6	#27380.00	34.4 PK	88.2	-53.8	1.33 V	62	35.8	-1.4

Remarks:

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

RF Mode	TX Channel 187: 6885MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.1 PK			2.43 H	215	84.5	8.6
2	*6885.00	81.1 AV			2.43 H	215	72.5	8.6
3	#13770.00	51.1 PK	88.2	-37.1	1.55 H	110	34.0	17.1
4	20655.00	40.9 PK	74.0	-33.1	2.05 H	295	45.8	-4.9
5	20655.00	30.5 AV	54.0	-23.5	2.05 H	295	35.4	-4.9
6	#27540.00	35.6 PK	88.2	-52.6	1.12 H	347	37.1	-1.5

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	*6885.00	89.5 PK			1.01 V	268	80.9	8.6
2	*6885.00	78.3 AV			1.01 V	268	69.7	8.6
3	#13770.00	50.1 PK	88.2	-38.1	2.22 V	171	33.0	17.1
4	20655.00	42.4 PK	74.0	-31.6	3.18 V	112	47.3	-4.9
5	20655.00	31.3 AV	54.0	-22.7	3.18 V	112	36.2	-4.9
6	#27540.00	34.7 PK	88.2	-53.5	1.29 V	41	36.2	-1.5

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

RF Mode	TX Channel 211: 7005MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.1 PK			2.37 H	230	82.9	9.2
2	*7005.00	80.3 AV			2.37 H	230	71.1	9.2
3	#14010.00	50.6 PK	88.2	-37.6	1.57 H	100	33.3	17.3
4	21015.00	41.8 PK	74.0	-32.2	2.12 H	278	46.3	-4.5
5	21015.00	31.2 AV	54.0	-22.8	2.12 H	278	35.7	-4.5
6	#28020.00	35.6 PK	88.2	-52.6	1.02 H	360	37.3	-1.7

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	*7005.00	89.0 PK			1.07 V	276	79.8	9.2
2	*7005.00	77.7 AV			1.07 V	276	68.5	9.2
3	#14010.00	50.6 PK	88.2	-37.6	2.23 V	168	33.3	17.3
4	21015.00	41.9 PK	74.0	-32.1	3.12 V	130	46.4	-4.5
5	21015.00	30.8 AV	54.0	-23.2	3.12 V	130	35.3	-4.5
6	#28020.00	34.9 PK	88.2	-53.3	1.29 V	42	36.6	-1.7

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

RF Mode	TX Channel 227: 7085MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.5 PK			2.39 H	221	82.4	10.1
2	*7085.00	80.6 AV			2.39 H	221	70.5	10.1
3	#7125.00	56.4 PK	88.2	-31.8	2.39 H	221	46.0	10.4
4	#7125.00	44.4 AV	68.2	-23.8	2.39 H	221	34.0	10.4
5	#14170.00	50.7 PK	88.2	-37.5	1.49 H	106	32.6	18.1
6	21255.00	41.6 PK	74.0	-32.4	2.02 H	273	45.9	-4.3
7	21255.00	31.1 AV	54.0	-22.9	2.02 H	273	35.4	-4.3
8	#28340.00	35.7 PK	88.2	-52.5	1.07 H	360	37.3	-1.6
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	*7085.00	90.7 PK			1.43 V	286	80.6	10.1
2	*7085.00	78.9 AV			1.43 V	286	68.8	10.1
3	#7125.00	56.0 PK	88.2	-32.2	1.43 V	286	45.6	10.4
4	#7125.00	44.4 AV	68.2	-23.8	1.43 V	286	34.0	10.4
5	#14170.00	50.2 PK	88.2	-38.0	2.24 V	163	32.1	18.1
6	21255.00	42.1 PK	74.0	-31.9	3.19 V	121	46.4	-4.3
7	21255.00	31.0 AV	54.0	-23.0	3.19 V	121	35.3	-4.3
8	#28340.00	34.2 PK	88.2	-54.0	1.35 V	53	35.8	-1.6

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

802.11ax (HE80)

Channel	TX Channel 7: 5985MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	50.9 PK	88.2	-37.3	2.33 H	239	45.3	5.6
2	#5925.00	39.2 AV	68.2	-29.0	2.33 H	239	33.6	5.6
3	*5985.00	90.4 PK			2.33 H	239	84.6	5.8
4	*5985.00	78.7 AV			2.33 H	239	72.9	5.8
5	11970.00	50.3 PK	74.0	-23.7	1.56 H	114	35.9	14.4
6	11970.00	38.2 AV	54.0	-15.8	1.56 H	114	23.8	14.4
7	17955.00	41.8 PK	74.0	-32.2	2.11 H	285	19.2	22.6
8	17955.00	31.4 AV	54.0	-22.6	2.11 H	285	8.8	22.6
9	23940.00	35.4 PK	74.0	-38.6	1.03 H	345	38.5	-3.1
10	23940.00	22.2 AV	54.0	-31.8	1.03 H	345	25.3	-3.1

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	52.2 PK	88.2	-36.0	1.04 V	268	46.6	5.6
2	#5925.00	39.6 AV	68.2	-28.6	1.04 V	268	34.0	5.6
3	*5985.00	88.7 PK			1.04 V	268	82.9	5.8
4	*5985.00	77.2 AV			1.04 V	268	71.4	5.8
5	11970.00	50.2 PK	74.0	-23.8	2.24 V	145	35.8	14.4
6	11970.00	38.1 AV	54.0	-15.9	2.24 V	145	23.7	14.4
7	17955.00	42.2 PK	74.0	-31.8	3.16 V	137	19.6	22.6
8	17955.00	30.8 AV	54.0	-23.2	3.16 V	137	8.2	22.6
9	23940.00	34.4 PK	74.0	-39.6	1.27 V	48	37.5	-3.1
10	23940.00	22.1 AV	54.0	-31.9	1.27 V	48	25.2	-3.1

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

Channel	TX Channel 39: 6145MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.9 PK			2.33 H	207	85.9	6.0
2	*6145.00	80.2 AV			2.33 H	207	74.2	6.0
3	12290.00	51.0 PK	74.0	-23.0	1.53 H	102	36.1	14.9
4	12290.00	39.0 AV	54.0	-15.0	1.53 H	102	24.1	14.9
5	18435.00	42.1 PK	74.0	-31.9	2.07 H	281	48.7	-6.6
6	18435.00	31.2 AV	54.0	-22.8	2.07 H	281	37.8	-6.6
7	#24580.00	35.7 PK	88.2	-52.5	1.03 H	341	38.0	-2.3

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	*6145.00	89.0 PK			1.04 V	258	83.0	6.0
2	*6145.00	77.5 AV			1.04 V	258	71.5	6.0
3	12290.00	50.2 PK	74.0	-23.8	2.15 V	148	35.3	14.9
4	12290.00	38.2 AV	54.0	-15.8	2.15 V	148	23.3	14.9
5	18435.00	43.0 PK	74.0	-31.0	3.17 V	134	49.6	-6.6
6	18435.00	31.6 AV	54.0	-22.4	3.17 V	134	38.2	-6.6
7	#24580.00	35.0 PK	88.2	-53.2	1.26 V	65	37.3	-2.3

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

Channel	TX Channel 87: 6385MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.5 PK			2.34 H	225	84.6	6.9
2	*6385.00	79.7 AV			2.34 H	225	72.8	6.9
3	#12770.00	51.0 PK	88.2	-37.2	1.56 H	88	36.0	15.0
4	19155.00	41.9 PK	74.0	-32.1	2.08 H	286	48.4	-6.5
5	19155.00	31.4 AV	54.0	-22.6	2.08 H	286	37.9	-6.5
6	#25540.00	35.6 PK	88.2	-52.6	1.02 H	360	37.0	-1.4

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6385.00	88.5 PK			1.01 V	265	81.6	6.9
2	*6385.00	77.0 AV			1.01 V	265	70.1	6.9
3	#12770.00	50.9 PK	88.2	-37.3	2.24 V	171	35.9	15.0
4	19155.00	42.2 PK	74.0	-31.8	3.16 V	128	48.7	-6.5
5	19155.00	31.2 AV	54.0	-22.8	3.16 V	128	37.7	-6.5
6	#25540.00	34.3 PK	88.2	-53.9	1.36 V	68	35.7	-1.4

Remarks:

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

Channel	TX Channel 103: 6465MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.5 PK			2.30 H	225	83.8	7.7
2	*6465.00	80.0 AV			2.30 H	225	72.3	7.7
3	#12930.00	50.6 PK	88.2	-37.6	1.57 H	89	35.7	14.9
4	19395.00	41.1 PK	74.0	-32.9	2.04 H	272	47.3	-6.2
5	19395.00	30.5 AV	54.0	-23.5	2.04 H	272	36.7	-6.2
6	#25860.00	35.1 PK	88.2	-53.1	1.10 H	360	36.4	-1.3

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	*6465.00	88.6 PK			1.02 V	256	80.9	7.7
2	*6465.00	77.3 AV			1.02 V	256	69.6	7.7
3	#12930.00	50.5 PK	88.2	-37.7	2.21 V	161	35.6	14.9
4	19395.00	41.7 PK	74.0	-32.3	3.13 V	133	47.9	-6.2
5	19395.00	30.8 AV	54.0	-23.2	3.13 V	133	37.0	-6.2
6	#25860.00	34.4 PK	88.2	-53.8	1.27 V	52	35.7	-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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 119: 6545MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.7 PK			2.36 H	235	83.5	8.2
2	*6545.00	80.2 AV			2.36 H	235	72.0	8.2
3	#13090.00	50.8 PK	88.2	-37.4	1.49 H	117	35.4	15.4
4	19635.00	41.3 PK	74.0	-32.7	2.05 H	290	47.6	-6.3
5	19635.00	30.9 AV	54.0	-23.1	2.05 H	290	37.2	-6.3
6	#26180.00	35.7 PK	88.2	-52.5	1.06 H	342	36.7	-1.0

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	*6545.00	88.6 PK			1.06 V	277	80.4	8.2
2	*6545.00	77.0 AV			1.06 V	277	68.8	8.2
3	#13090.00	50.6 PK	88.2	-37.6	2.25 V	158	35.2	15.4
4	19635.00	41.7 PK	74.0	-32.3	3.17 V	122	48.0	-6.3
5	19635.00	30.7 AV	54.0	-23.3	3.17 V	122	37.0	-6.3
6	#26180.00	34.6 PK	88.2	-53.6	1.31 V	44	35.6	-1.0

Remarks:

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

Channel	TX Channel 151: 6705MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.3 PK			2.32 H	225	83.1	8.2
2	*6705.00	79.8 AV			2.32 H	225	71.6	8.2
3	#13410.00	50.9 PK	88.2	-37.3	1.50 H	99	34.7	16.2
4	20115.00	41.1 PK	74.0	-32.9	2.07 H	269	46.6	-5.5
5	20115.00	30.7 AV	54.0	-23.3	2.07 H	269	36.2	-5.5
6	#26820.00	35.4 PK	88.2	-52.8	1.11 H	351	36.2	-0.8

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	*6705.00	88.9 PK			1.04 V	264	80.7	8.2
2	*6705.00	77.2 AV			1.04 V	264	69.0	8.2
3	#13410.00	50.5 PK	88.2	-37.7	2.16 V	144	34.3	16.2
4	20115.00	42.0 PK	74.0	-32.0	3.08 V	141	47.5	-5.5
5	20115.00	30.6 AV	54.0	-23.4	3.08 V	141	36.1	-5.5
6	#26820.00	34.4 PK	88.2	-53.8	1.29 V	57	35.2	-0.8

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

Channel	TX Channel 183: 6865MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.9 PK			2.34 H	237	83.5	8.4
2	*6865.00	80.3 AV			2.34 H	237	71.9	8.4
3	#13730.00	50.9 PK	88.2	-37.3	1.58 H	96	33.8	17.1
4	20595.00	41.3 PK	74.0	-32.7	2.11 H	294	46.2	-4.9
5	20595.00	30.6 AV	54.0	-23.4	2.11 H	294	35.5	-4.9
6	#27460.00	36.1 PK	88.2	-52.1	1.13 H	350	37.6	-1.5
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	*6865.00	88.3 PK			1.03 V	263	79.9	8.4
2	*6865.00	77.0 AV			1.03 V	263	68.6	8.4
3	#13730.00	51.1 PK	88.2	-37.1	2.17 V	149	34.0	17.1
4	20595.00	42.8 PK	74.0	-31.2	3.16 V	131	47.7	-4.9
5	20595.00	31.3 AV	54.0	-22.7	3.16 V	131	36.2	-4.9
6	#27460.00	34.1 PK	88.2	-54.1	1.30 V	44	35.6	-1.5

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

Channel	TX Channel 199: 6945MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.7 PK			2.34 H	224	82.3	9.4
2	*6945.00	80.2 AV			2.34 H	224	70.8	9.4
3	#13890.00	51.2 PK	88.2	-37.0	1.58 H	118	34.0	17.2
4	20835.00	41.9 PK	74.0	-32.1	2.05 H	271	46.7	-4.8
5	20835.00	31.3 AV	54.0	-22.7	2.05 H	271	36.1	-4.8
6	#27780.00	35.7 PK	88.2	-52.5	1.05 H	360	37.4	-1.7

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	*6945.00	89.0 PK			1.07 V	253	79.6	9.4
2	*6945.00	77.4 AV			1.07 V	253	68.0	9.4
3	#13890.00	50.4 PK	88.2	-37.8	2.19 V	173	33.2	17.2
4	20835.00	41.9 PK	74.0	-32.1	3.14 V	129	46.7	-4.8
5	20835.00	31.0 AV	54.0	-23.0	3.14 V	129	35.8	-4.8
6	#27780.00	34.5 PK	88.2	-53.7	1.31 V	51	36.2	-1.7

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

Channel	TX Channel 215: 7025MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.5 PK			2.35 H	222	82.1	9.4
2	*7025.00	79.9 AV			2.35 H	222	70.5	9.4
3	#7125.00	56.5 PK	88.2	-31.7	2.35 H	222	46.1	10.4
4	#7125.00	44.3 AV	68.2	-23.9	2.35 H	222	33.9	10.4
5	#14050.00	50.6 PK	88.2	-37.6	1.54 H	112	33.2	17.4
6	21075.00	41.4 PK	74.0	-32.6	2.02 H	288	45.8	-4.4
7	21075.00	30.5 AV	54.0	-23.5	2.02 H	288	34.9	-4.4
8	#28100.00	36.0 PK	88.2	-52.2	1.07 H	360	37.7	-1.7
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	90.6 PK			1.38 V	269	81.2	9.4
2	*7025.00	78.7 AV			1.38 V	269	69.3	9.4
3	#7125.00	56.7 PK	88.2	-31.5	1.38 V	269	46.3	10.4
4	#7125.00	44.4 AV	68.2	-23.8	1.38 V	269	34.0	10.4
5	#14050.00	51.3 PK	88.2	-36.9	2.16 V	170	33.9	17.4
6	21075.00	42.4 PK	74.0	-31.6	3.08 V	110	46.8	-4.4
7	21075.00	31.3 AV	54.0	-22.7	3.08 V	110	35.7	-4.4
8	#28100.00	34.5 PK	88.2	-53.7	1.30 V	39	36.2	-1.7

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

802.11ax (HE160)

Channel	TX Channel 15: 6025MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	51.6 PK	88.2	-36.6	2.38 H	236	46.0	5.6
2	#5925.00	39.8 AV	68.2	-28.4	2.38 H	236	34.2	5.6
3	*6025.00	94.5 PK			2.38 H	236	88.7	5.8
4	*6025.00	83.3 AV			2.38 H	236	77.5	5.8
5	12050.00	50.3 PK	74.0	-23.7	1.54 H	113	35.9	14.4
6	12050.00	38.2 AV	54.0	-15.8	1.54 H	113	23.8	14.4
7	18075.00	41.6 PK	74.0	-32.4	2.08 H	275	40.8	0.8
8	18075.00	31.0 AV	54.0	-23.0	2.08 H	275	30.2	0.8
9	#24100.00	36.0 PK	88.2	-52.2	1.08 H	350	38.9	-2.9

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	#5925.00	51.0 PK	88.2	-37.2	1.07 V	269	45.4	5.6
2	#5925.00	39.9 AV	68.2	-28.3	1.07 V	269	34.3	5.6
3	*6025.00	92.8 PK			1.07 V	269	87.0	5.8
4	*6025.00	81.0 AV			1.07 V	269	75.2	5.8
5	12050.00	50.7 PK	74.0	-23.3	2.18 V	158	36.3	14.4
6	12050.00	38.7 AV	54.0	-15.3	2.18 V	158	24.3	14.4
7	18075.00	42.1 PK	74.0	-31.9	3.13 V	135	41.3	0.8
8	18075.00	31.1 AV	54.0	-22.9	3.13 V	135	30.3	0.8
9	#24100.00	34.8 PK	88.2	-53.4	1.33 V	49	37.7	-2.9

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

Channel	TX Channel 47: 6185MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.9 PK			2.34 H	229	86.7	6.2
2	*6185.00	82.0 AV			2.34 H	229	75.8	6.2
3	12370.00	50.1 PK	74.0	-23.9	1.53 H	100	36.0	14.1
4	12370.00	38.0 AV	54.0	-16.0	1.53 H	100	23.9	14.1
5	18555.00	41.4 PK	74.0	-32.6	2.01 H	273	48.0	-6.6
6	18555.00	30.9 AV	54.0	-23.1	2.01 H	273	37.5	-6.6
7	#24740.00	35.5 PK	88.2	-52.7	1.06 H	344	37.6	-2.1

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6185.00	92.7 PK			1.11 V	271	86.5	6.2
2	*6185.00	81.0 AV			1.11 V	271	74.8	6.2
3	12370.00	51.1 PK	74.0	-22.9	2.22 V	159	37.0	14.1
4	12370.00	38.6 AV	54.0	-15.4	2.22 V	159	24.5	14.1
5	18555.00	42.6 PK	74.0	-31.4	3.08 V	131	49.2	-6.6
6	18555.00	31.3 AV	54.0	-22.7	3.08 V	131	37.9	-6.6
7	#24740.00	34.7 PK	88.2	-53.5	1.25 V	40	36.8	-2.1

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

Channel	TX Channel 79: 6345MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.6 PK			2.30 H	214	86.0	6.6
2	*6345.00	82.1 AV			2.30 H	214	75.5	6.6
3	12690.00	50.5 PK	74.0	-23.5	1.59 H	90	35.7	14.8
4	12690.00	38.3 AV	54.0	-15.7	1.59 H	90	23.5	14.8
5	19035.00	41.7 PK	74.0	-32.3	2.06 H	271	48.0	-6.3
6	19035.00	31.2 AV	54.0	-22.8	2.06 H	271	37.5	-6.3
7	#25380.00	36.0 PK	88.2	-52.2	1.11 H	341	37.6	-1.6

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	*6345.00	93.0 PK			1.13 V	269	86.4	6.6
2	*6345.00	81.3 AV			1.13 V	269	74.7	6.6
3	12690.00	51.0 PK	74.0	-23.0	2.15 V	161	36.2	14.8
4	12690.00	38.7 AV	54.0	-15.3	2.15 V	161	23.9	14.8
5	19035.00	42.6 PK	74.0	-31.4	3.09 V	131	48.9	-6.3
6	19035.00	31.2 AV	54.0	-22.8	3.09 V	131	37.5	-6.3
7	#25380.00	34.3 PK	88.2	-53.9	1.35 V	61	35.9	-1.6

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

Channel	TX Channel 111: 6505MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.6 PK			2.38 H	231	84.7	7.9
2	*6505.00	81.7 AV			2.38 H	231	73.8	7.9
3	#13010.00	50.3 PK	88.2	-37.9	1.54 H	114	35.2	15.1
4	19515.00	42.0 PK	74.0	-32.0	2.01 H	281	48.3	-6.3
5	19515.00	31.2 AV	54.0	-22.8	2.01 H	281	37.5	-6.3
6	#26020.00	35.9 PK	88.2	-52.3	1.02 H	339	36.9	-1.0

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	*6505.00	92.7 PK			1.09 V	273	84.8	7.9
2	*6505.00	80.9 AV			1.09 V	273	73.0	7.9
3	#13010.00	51.0 PK	88.2	-37.2	2.25 V	174	35.9	15.1
4	19515.00	41.8 PK	74.0	-32.2	3.17 V	117	48.1	-6.3
5	19515.00	30.7 AV	54.0	-23.3	3.17 V	117	37.0	-6.3
6	#26020.00	34.9 PK	88.2	-53.3	1.33 V	56	35.9	-1.0

Remarks:

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

Channel	TX Channel 143: 6665MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.4 PK			2.38 H	205	84.1	8.3
2	*6665.00	81.9 AV			2.38 H	205	73.6	8.3
3	13330.00	51.0 PK	74.0	-23.0	1.52 H	94	34.7	16.3
4	13330.00	39.0 AV	54.0	-15.0	1.52 H	94	22.7	16.3
5	19995.00	41.4 PK	74.0	-32.6	2.00 H	279	47.3	-5.9
6	19995.00	30.8 AV	54.0	-23.2	2.00 H	279	36.7	-5.9
7	#26660.00	35.4 PK	88.2	-52.8	1.08 H	348	35.7	-0.3
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	*6665.00	92.8 PK			1.03 V	262	84.5	8.3
2	*6665.00	80.9 AV			1.03 V	262	72.6	8.3
3	13330.00	50.8 PK	74.0	-23.2	2.23 V	170	34.5	16.3
4	13330.00	38.7 AV	54.0	-15.3	2.23 V	170	22.4	16.3
5	19995.00	42.5 PK	74.0	-31.5	3.19 V	114	48.4	-5.9
6	19995.00	31.3 AV	54.0	-22.7	3.19 V	114	37.2	-5.9
7	#26660.00	35.3 PK	88.2	-52.9	1.30 V	45	35.6	-0.3

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

Channel	TX Channel 175: 6825MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.8 PK			2.32 H	211	84.5	8.3
2	*6825.00	82.1 AV			2.32 H	211	73.8	8.3
3	#13650.00	50.6 PK	88.2	-37.6	1.55 H	101	33.7	16.9
4	20475.00	41.2 PK	74.0	-32.8	2.06 H	282	46.5	-5.3
5	20475.00	30.8 AV	54.0	-23.2	2.06 H	282	36.1	-5.3
6	#27300.00	35.4 PK	88.2	-52.8	1.11 H	360	36.8	-1.4

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6825.00	92.7 PK			1.13 V	270	84.4	8.3
2	*6825.00	81.1 AV			1.13 V	270	72.8	8.3
3	#13650.00	50.6 PK	88.2	-37.6	2.23 V	174	33.7	16.9
4	20475.00	41.9 PK	74.0	-32.1	3.10 V	123	47.2	-5.3
5	20475.00	30.7 AV	54.0	-23.3	3.10 V	123	36.0	-5.3
6	#27300.00	34.3 PK	88.2	-53.9	1.28 V	43	35.7	-1.4

Remarks:

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

Channel	TX Channel 207: 6985MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.3 PK			2.36 H	218	83.1	9.2
2	*6985.00	81.7 AV			2.36 H	218	72.5	9.2
3	#7125.00	56.1 PK	88.2	-32.1	2.36 H	218	45.7	10.4
4	#7125.00	44.7 AV	68.2	-23.5	2.36 H	218	34.3	10.4
5	#13970.00	51.1 PK	88.2	-37.1	1.57 H	118	33.8	17.3
6	20955.00	40.8 PK	74.0	-33.2	2.07 H	298	45.3	-4.5
7	20955.00	30.5 AV	54.0	-23.5	2.07 H	298	35.0	-4.5
8	#27940.00	35.6 PK	88.2	-52.6	1.03 H	356	37.2	-1.6
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	*6985.00	92.7 PK			1.28 V	269	83.5	9.2
2	*6985.00	81.3 AV			1.28 V	269	72.1	9.2
3	#7125.00	56.3 PK	88.2	-31.9	1.28 V	269	45.9	10.4
4	#7125.00	44.4 AV	68.2	-23.8	1.28 V	269	34.0	10.4
5	#13970.00	51.0 PK	88.2	-37.2	2.22 V	147	33.7	17.3
6	20955.00	42.9 PK	74.0	-31.1	3.08 V	126	47.4	-4.5
7	20955.00	31.5 AV	54.0	-22.5	3.08 V	126	36.0	-4.5
8	#27940.00	34.8 PK	88.2	-53.4	1.31 V	51	36.4	-1.6

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

1TX
802.11a

RF Mode	TX Channel 1: 5955MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	57.3 PK	88.2	-30.9	1.04 H	204	54.3	3.0
2	#5925.00	44.8 AV	68.2	-23.4	1.04 H	204	41.8	3.0
3	*5955.00	85.6 PK			1.04 H	204	44.7	40.9
4	*5955.00	76.3 AV			1.04 H	204	35.4	40.9
5	11910.00	56.0 PK	74.0	-18.0	1.73 H	199	47.4	8.6
6	11910.00	44.3 AV	54.0	-9.7	1.73 H	199	35.7	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	57.1 PK	88.2	-31.1	1.12 V	175	54.1	3.0
2	#5925.00	44.6 AV	68.2	-23.6	1.12 V	175	41.6	3.0
3	*5955.00	84.2 PK			1.12 V	175	43.3	40.9
4	*5955.00	74.9 AV			1.12 V	175	34.0	40.9
5	11910.00	55.6 PK	74.0	-18.4	2.05 V	321	47.0	8.6
6	11910.00	43.8 AV	54.0	-10.2	2.05 V	321	35.2	8.6

Remarks:

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

RF Mode	TX Channel 45: 6175MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	87.7 PK			1.02 H	202	46.2	41.5
2	*6175.00	78.8 AV			1.02 H	202	37.3	41.5
3	12350.00	55.8 PK	74.0	-18.2	1.75 H	194	47.5	8.3
4	12350.00	44.3 AV	54.0	-9.7	1.75 H	194	36.0	8.3
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	*6175.00	86.3 PK			1.13 V	175	44.8	41.5
2	*6175.00	77.3 AV			1.13 V	175	35.8	41.5
3	12350.00	55.5 PK	74.0	-18.5	2.15 V	333	47.2	8.3
4	12350.00	43.9 AV	54.0	-10.1	2.15 V	333	35.6	8.3

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

RF Mode	TX Channel 93: 6415MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.2 PK			1.19 H	200	46.5	42.7
2	*6415.00	80.8 AV			1.19 H	200	38.1	42.7
3	#12830.00	56.2 PK	88.2	-32.0	1.79 H	205	47.6	8.6
4	#12830.00	44.7 AV	68.2	-23.5	1.79 H	205	36.1	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	87.4 PK			1.11 V	171	44.7	42.7
2	*6415.00	79.2 AV			1.11 V	171	36.5	42.7
3	#12830.00	55.9 PK	88.2	-32.3	2.00 V	325	47.3	8.6
4	#12830.00	44.4 AV	68.2	-23.8	2.00 V	325	35.8	8.6

Remarks:

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

RF Mode	TX Channel 97: 6435MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.2 PK			1.04 H	202	46.4	42.8
2	*6435.00	80.1 AV			1.04 H	202	37.3	42.8
3	#12870.00	56.4 PK	88.2	-31.8	1.85 H	211	47.8	8.6
4	#12870.00	44.9 AV	68.2	-23.3	1.85 H	211	36.3	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6435.00	87.7 PK			1.15 V	180	44.9	42.8
2	*6435.00	78.6 AV			1.15 V	180	35.8	42.8
3	#12870.00	55.8 PK	88.2	-32.4	2.03 V	309	47.2	8.6
4	#12870.00	44.6 AV	68.2	-23.6	2.03 V	309	36.0	8.6

Remarks:

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

RF Mode	TX Channel 105: 6475MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.4 PK			1.03 H	198	49.5	42.9
2	*6475.00	82.9 AV			1.03 H	198	40.0	42.9
3	#12950.00	56.4 PK	88.2	-31.8	1.77 H	195	47.8	8.6
4	#12950.00	44.9 AV	68.2	-23.3	1.77 H	195	36.3	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	90.8 PK			1.16 V	171	47.9	42.9
2	*6475.00	81.4 AV			1.16 V	171	38.5	42.9
3	#12950.00	56.1 PK	88.2	-32.1	2.15 V	329	47.5	8.6
4	#12950.00	44.5 AV	68.2	-23.7	2.15 V	329	35.9	8.6

Remarks:

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

RF Mode	TX Channel 113: 6515MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	90.1 PK			1.12 H	202	47.2	42.9
2	*6515.00	81.8 AV			1.12 H	202	38.9	42.9
3	#13030.00	56.3 PK	88.2	-31.9	1.87 H	210	47.8	8.5
4	#13030.00	44.7 AV	68.2	-23.5	1.87 H	210	36.2	8.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6515.00	88.6 PK			1.18 V	180	45.7	42.9
2	*6515.00	80.1 AV			1.18 V	180	37.2	42.9
3	#13030.00	55.7 PK	88.2	-32.5	2.08 V	323	47.2	8.5
4	#13030.00	44.4 AV	68.2	-23.8	2.08 V	323	35.9	8.5

Remarks:

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

RF Mode	TX Channel 117: 6535MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.8 PK			1.09 H	203	46.8	43.0
2	*6535.00	81.4 AV			1.09 H	203	38.4	43.0
3	#13070.00	56.2 PK	88.2	-32.0	1.75 H	205	47.9	8.3
4	#13070.00	44.7 AV	68.2	-23.5	1.75 H	205	36.4	8.3
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	*6535.00	88.1 PK			1.20 V	170	45.1	43.0
2	*6535.00	79.7 AV			1.20 V	170	36.7	43.0
3	#13070.00	55.6 PK	88.2	-32.6	2.13 V	325	47.3	8.3
4	#13070.00	44.4 AV	68.2	-23.8	2.13 V	325	36.1	8.3

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

RF Mode	TX Channel 149: 6695MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.8 PK			1.00 H	201	46.7	43.1
2	*6695.00	80.1 AV			1.00 H	201	37.0	43.1
3	13390.00	56.9 PK	74.0	-17.1	1.82 H	195	47.7	9.2
4	13390.00	45.4 AV	54.0	-8.6	1.82 H	195	36.2	9.2
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	*6695.00	88.3 PK			1.15 V	178	45.2	43.1
2	*6695.00	78.5 AV			1.15 V	178	35.4	43.1
3	13390.00	56.4 PK	74.0	-17.6	2.17 V	337	47.2	9.2
4	13390.00	45.0 AV	54.0	-9.0	2.17 V	337	35.8	9.2

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

RF Mode	TX Channel 181: 6855MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.2 PK			1.13 H	200	45.6	43.6
2	*6855.00	79.7 AV			1.13 H	200	36.1	43.6
3	#13710.00	57.7 PK	88.2	-30.5	1.73 H	205	48.5	9.2
4	#13710.00	46.2 AV	68.2	-22.0	1.73 H	205	37.0	9.2
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	*6855.00	87.6 PK			1.19 V	171	44.0	43.6
2	*6855.00	78.1 AV			1.19 V	171	34.5	43.6
3	#13710.00	57.1 PK	88.2	-31.1	2.15 V	328	47.9	9.2
4	#13710.00	45.6 AV	68.2	-22.6	2.15 V	328	36.4	9.2

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

RF Mode	TX Channel 185: 6875MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.4 PK			1.13 H	199	45.7	43.7
2	*6875.00	80.4 AV			1.13 H	199	36.7	43.7
3	#13750.00	57.8 PK	88.2	-30.4	1.81 H	212	48.6	9.2
4	#13750.00	46.4 AV	68.2	-21.8	1.81 H	212	37.2	9.2
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	*6875.00	87.7 PK			1.20 V	174	44.0	43.7
2	*6875.00	78.8 AV			1.20 V	174	35.1	43.7
3	#13750.00	57.2 PK	88.2	-31.0	2.20 V	326	48.0	9.2
4	#13750.00	46.0 AV	68.2	-22.2	2.20 V	326	36.8	9.2

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

RF Mode	TX Channel 209: 6995MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	89.1 PK			1.01 H	204	44.7	44.4
2	*6995.00	80.0 AV			1.01 H	204	35.6	44.4
3	#13900.00	58.0 PK	88.2	-30.2	1.77 H	198	48.9	9.1
4	#13900.00	46.4 AV	68.2	-21.8	1.77 H	198	37.3	9.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	87.4 PK			1.14 V	175	43.0	44.4
2	*6995.00	78.3 AV			1.14 V	175	33.9	44.4
3	#13900.00	57.4 PK	88.2	-30.8	2.11 V	322	48.3	9.1
4	#13900.00	46.1 AV	68.2	-22.1	2.11 V	322	37.0	9.1

Remarks:

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

RF Mode	TX Channel 233: 7115MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	88.9 PK			1.18 H	202	43.8	45.1
2	*7115.00	79.8 AV			1.18 H	202	34.7	45.1
3	#14230.00	59.1 PK	88.2	-29.1	1.81 H	204	49.0	10.1
4	#14230.00	47.8 AV	68.2	-20.4	1.81 H	204	37.7	10.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	87.1 PK			1.22 V	184	42.0	45.1
2	*7115.00	78.0 AV			1.22 V	184	32.9	45.1
3	#14230.00	58.3 PK	88.2	-29.9	1.97 V	339	48.2	10.1
4	#14230.00	47.1 AV	68.2	-21.1	1.97 V	339	37.0	10.1

Remarks:

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

802.11ax (HE20)

RF Mode	TX Channel 1: 5955MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	*5955.00	88.7 PK			1.08 H	203	47.8	40.9
2	*5955.00	76.4 AV			1.08 H	203	35.5	40.9
3	11910.00	56.3 PK	74.0	-17.7	1.74 H	193	47.7	8.6
4	11910.00	44.6 AV	54.0	-9.4	1.74 H	193	36.0	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5955.00	86.9 PK			1.19 V	177	46.0	40.9
2	*5955.00	74.8 AV			1.19 V	177	33.9	40.9
3	11910.00	55.8 PK	74.0	-18.2	2.15 V	334	47.2	8.6
4	11910.00	44.3 AV	54.0	-9.7	2.15 V	334	35.7	8.6

Remarks:

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

RF Mode	TX Channel 45: 6175MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	91.3 PK			1.01 H	207	49.8	41.5
2	*6175.00	79.3 AV			1.01 H	207	37.8	41.5
3	12350.00	55.9 PK	74.0	-18.1	1.85 H	208	47.6	8.3
4	12350.00	44.2 AV	54.0	-9.8	1.85 H	208	35.9	8.3

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	*6175.00	89.8 PK			1.15 V	171	48.3	41.5
2	*6175.00	77.8 AV			1.15 V	171	36.3	41.5
3	12350.00	55.4 PK	74.0	-18.6	2.15 V	330	47.1	8.3
4	12350.00	43.8 AV	54.0	-10.2	2.15 V	330	35.5	8.3

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

RF Mode	TX Channel 93: 6415MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.4 PK			1.03 H	204	50.7	42.7
2	*6415.00	80.4 AV			1.03 H	204	37.7	42.7
3	#12830.00	56.5 PK	88.2	-31.7	1.72 H	193	47.9	8.6
4	#12830.00	45.1 AV	68.2	-23.1	1.72 H	193	36.5	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	91.7 PK			1.07 V	182	49.0	42.7
2	*6415.00	78.8 AV			1.07 V	182	36.1	42.7
3	#12830.00	55.9 PK	88.2	-32.3	2.01 V	320	47.3	8.6
4	#12830.00	44.7 AV	68.2	-23.5	2.01 V	320	36.1	8.6

Remarks:

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

RF Mode	TX Channel 97: 6435MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.2 PK			1.01 H	207	50.4	42.8
2	*6435.00	80.6 AV			1.01 H	207	37.8	42.8
3	#12870.00	56.8 PK	88.2	-31.4	1.81 H	203	48.2	8.6
4	#12870.00	45.4 AV	68.2	-22.8	1.81 H	203	36.8	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6435.00	91.5 PK			1.17 V	179	48.7	42.8
2	*6435.00	79.1 AV			1.17 V	179	36.3	42.8
3	#12870.00	56.5 PK	88.2	-31.7	2.11 V	335	47.9	8.6
4	#12870.00	44.9 AV	68.2	-23.3	2.11 V	335	36.3	8.6

Remarks:

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

RF Mode	TX Channel 105: 6475MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.1 PK			1.03 H	205	51.2	42.9
2	*6475.00	82.2 AV			1.03 H	205	39.3	42.9
3	#12950.00	57.1 PK	88.2	-31.1	1.85 H	198	48.5	8.6
4	#12950.00	45.7 AV	68.2	-22.5	1.85 H	198	37.1	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	92.5 PK			1.17 V	179	49.6	42.9
2	*6475.00	80.6 AV			1.17 V	179	37.7	42.9
3	#12950.00	56.6 PK	88.2	-31.6	2.00 V	317	48.0	8.6
4	#12950.00	45.3 AV	68.2	-22.9	2.00 V	317	36.7	8.6

Remarks:

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

RF Mode	TX Channel 113: 6515MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	95.2 PK			1.05 H	207	52.3	42.9
2	*6515.00	82.3 AV			1.05 H	207	39.4	42.9
3	#13030.00	57.2 PK	88.2	-31.0	1.76 H	205	48.7	8.5
4	#13030.00	45.9 AV	68.2	-22.3	1.76 H	205	37.4	8.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6515.00	93.5 PK			1.11 V	177	50.6	42.9
2	*6515.00	80.6 AV			1.11 V	177	37.7	42.9
3	#13030.00	56.8 PK	88.2	-31.4	2.13 V	315	48.3	8.5
4	#13030.00	45.5 AV	68.2	-22.7	2.13 V	315	37.0	8.5

Remarks:

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

RF Mode	TX Channel 117: 6535MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.2 PK			1.05 H	206	51.2	43.0
2	*6535.00	81.9 AV			1.05 H	206	38.9	43.0
3	#13070.00	57.2 PK	88.2	-31.0	1.78 H	198	48.9	8.3
4	#13070.00	45.9 AV	68.2	-22.3	1.78 H	198	37.6	8.3

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	*6535.00	92.6 PK			1.20 V	175	49.6	43.0
2	*6535.00	81.3 AV			1.20 V	175	38.3	43.0
3	#13070.00	56.6 PK	88.2	-31.6	2.03 V	333	48.3	8.3
4	#13070.00	45.5 AV	68.2	-22.7	2.03 V	333	37.2	8.3

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

RF Mode	TX Channel 149: 6695MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.6 PK			1.02 H	197	49.5	43.1
2	*6695.00	79.8 AV			1.02 H	197	36.7	43.1
3	13390.00	58.3 PK	74.0	-15.7	1.75 H	205	49.1	9.2
4	13390.00	46.9 AV	54.0	-7.1	1.75 H	205	37.7	9.2

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	*6695.00	90.9 PK			1.10 V	176	47.8	43.1
2	*6695.00	78.2 AV			1.10 V	176	35.1	43.1
3	13390.00	57.8 PK	74.0	-16.2	2.03 V	317	48.6	9.2
4	13390.00	46.6 AV	54.0	-7.4	2.03 V	317	37.4	9.2

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

RF Mode	TX Channel 181: 6855MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.8 PK			1.04 H	203	49.2	43.6
2	*6855.00	80.4 AV			1.04 H	203	36.8	43.6
3	#13710.00	58.4 PK	88.2	-29.8	1.81 H	207	49.2	9.2
4	#13710.00	46.8 AV	68.2	-21.4	1.81 H	207	37.6	9.2
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	*6855.00	91.1 PK			1.17 V	179	47.5	43.6
2	*6855.00	78.8 AV			1.17 V	179	35.2	43.6
3	#13710.00	57.8 PK	88.2	-30.4	2.15 V	335	48.6	9.2
4	#13710.00	46.4 AV	68.2	-21.8	2.15 V	335	37.2	9.2

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

RF Mode	TX Channel 185: 6875MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.1 PK			1.03 H	202	49.4	43.7
2	*6875.00	80.9 AV			1.03 H	202	37.2	43.7
3	#13750.00	58.5 PK	88.2	-29.7	1.80 H	203	49.3	9.2
4	#13750.00	46.9 AV	68.2	-21.3	1.80 H	203	37.7	9.2
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	*6875.00	91.4 PK			1.14 H	175	47.7	43.7
2	*6875.00	79.2 AV			1.14 H	175	35.5	43.7
3	#13750.00	58.0 PK	88.2	-30.2	2.02 V	322	48.8	9.2
4	#13750.00	46.7 AV	68.2	-21.5	2.02 V	322	37.5	9.2

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

RF Mode	TX Channel 209: 6995MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.6 PK			1.02 H	204	48.2	44.4
2	*6995.00	80.2 AV			1.02 H	204	35.8	44.4
3	#13990.00	58.8 PK	88.2	-29.4	1.75 H	208	49.3	9.5
4	#13990.00	47.1 AV	68.2	-21.1	1.75 H	208	37.6	9.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6995.00	90.9 PK			1.11 V	177	46.5	44.4
2	*6995.00	78.5 AV			1.11 V	177	34.1	44.4
3	#13990.00	58.3 PK	88.2	-29.9	2.08 V	325	48.8	9.5
4	#13990.00	46.6 AV	68.2	-21.6	2.08 V	325	37.1	9.5

Remarks:

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

RF Mode	TX Channel 233: 7115MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	92.4 PK			1.10 H	201	47.3	45.1
2	*7115.00	80.2 AV			1.10 H	201	35.1	45.1
3	#7125.00	76.0 PK	88.2	-12.2	1.10 H	201	69.2	6.8
4	#7125.00	67.1 AV	68.2	-1.1	1.10 H	201	60.3	6.8
5	#14230.00	59.5 PK	88.2	-28.7	1.77 H	198	49.4	10.1
6	#14230.00	47.9 AV	68.2	-20.3	1.77 H	198	37.8	10.1

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7115.00	90.8 PK			1.13 V	175	45.7	45.1
2	*7115.00	78.4 AV			1.13 V	175	33.3	45.1
3	#7125.00	72.5 PK	88.2	-15.7	1.13 V	175	65.7	6.8
4	#7125.00	64.3 AV	68.2	-3.9	1.13 V	175	57.5	6.8
5	#14230.00	58.9 PK	88.2	-29.3	2.09 V	309	48.8	10.1
6	#14230.00	47.2 AV	68.2	-21.0	2.09 V	309	37.1	10.1

Remarks:

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

802.11ax (HE40)

RF Mode	TX Channel 3: 5965MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	57.2 PK	88.2	-31.0	1.09 H	206	54.2	3.0
2	#5925.00	44.9 AV	68.2	-23.3	1.09 H	206	41.9	3.0
3	*5965.00	91.4 PK			1.09 H	206	50.5	40.9
4	*5965.00	78.6 AV			1.09 H	206	37.7	40.9
5	11960.00	56.3 PK	74.0	-17.7	1.79 H	210	47.7	8.6
6	11960.00	44.4 AV	54.0	-9.6	1.79 H	210	35.8	8.6

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	57.0 PK	88.2	-31.2	1.13 V	177	54.0	3.0
2	#5925.00	44.7 AV	68.2	-23.5	1.13 V	177	41.7	3.0
3	*5965.00	89.9 PK			1.13 V	177	49.0	40.9
4	*5965.00	77.0 AV			1.13 V	177	36.1	40.9
5	11960.00	55.9 PK	74.0	-18.1	2.03 V	312	47.3	8.6
6	11960.00	44.1 AV	54.0	-9.9	2.03 V	312	35.5	8.6

Remarks:

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

RF Mode	TX Channel 43: 6165MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.8 PK			1.07 H	202	51.3	41.5
2	*6165.00	81.6 AV			1.07 H	202	40.1	41.5
3	12330.00	56.1 PK	74.0	-17.9	1.72 H	202	47.8	8.3
4	12330.00	44.3 AV	54.0	-9.7	1.72 H	202	36.0	8.3
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	*6165.00	91.0 PK			1.15 V	182	49.5	41.5
2	*6165.00	79.9 AV			1.15 V	182	38.4	41.5
3	12300.00	55.8 PK	74.0	-18.2	2.22 V	328	47.3	8.5
4	12300.00	44.3 AV	54.0	-9.7	2.22 V	328	35.8	8.5

Remarks:

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

RF Mode	TX Channel 91: 6405MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	95.8 PK			1.07 H	200	53.1	42.7
2	*6405.00	83.0 AV			1.07 H	200	40.3	42.7
3	#12810.00	56.6 PK	88.2	-31.6	1.77 H	212	48.0	8.6
4	#12810.00	44.8 AV	68.2	-23.4	1.77 H	212	36.2	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6405.00	94.2 PK			1.17 V	177	51.5	42.7
2	*6405.00	81.4 AV			1.17 V	177	38.7	42.7
3	#12810.00	56.1 PK	88.2	-32.1	2.09 V	305	47.5	8.6
4	#12810.00	44.6 AV	68.2	-23.6	2.09 V	305	36.0	8.6

Remarks:

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

RF Mode	TX Channel 99: 6445MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.9 PK			1.02 H	203	52.0	42.9
2	*6445.00	82.9 AV			1.02 H	203	40.0	42.9
3	#12890.00	56.8 PK	88.2	-31.4	1.71 H	203	48.2	8.6
4	#12890.00	44.9 AV	68.2	-23.3	1.71 H	203	36.3	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6445.00	93.2 PK			1.19 V	180	50.3	42.9
2	*6445.00	81.3 AV			1.19 V	180	38.4	42.9
3	#12890.00	56.5 PK	88.2	-31.7	2.14 V	312	47.9	8.6
4	#12890.00	44.6 AV	68.2	-23.6	2.14 V	312	36.0	8.6

Remarks:

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

RF Mode	TX Channel 107: 6485MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.6 PK			1.03 H	202	50.7	42.9
2	*6485.00	82.4 AV			1.03 H	202	39.5	42.9
3	#12970.00	57.0 PK	88.2	-31.2	1.81 H	197	48.5	8.5
4	#12970.00	45.0 AV	68.2	-23.2	1.81 H	197	36.5	8.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6485.00	91.8 PK			1.20 V	179	48.9	42.9
2	*6485.00	80.7 AV			1.20 V	179	37.8	42.9
3	#12970.00	56.6 PK	88.2	-31.6	2.07 V	327	48.1	8.5
4	#12970.00	44.6 AV	68.2	-23.6	2.07 V	327	36.1	8.5

Remarks:

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

RF Mode	TX Channel 115: 6525MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.0 PK			1.05 H	203	50.0	43.0
2	*6525.00	81.3 AV			1.05 H	203	38.3	43.0
3	#13050.00	57.1 PK	88.2	-31.1	1.79 H	208	48.7	8.4
4	#13050.00	45.0 AV	68.2	-23.2	1.79 H	208	36.6	8.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6525.00	91.4 PK			1.19 V	175	48.4	43.0
2	*6525.00	79.5 AV			1.19 V	175	36.5	43.0
3	#13050.00	56.7 PK	88.2	-31.5	2.17 V	326	48.3	8.4
4	#13050.00	44.7 AV	68.2	-23.5	2.17 V	326	36.3	8.4

Remarks:

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

RF Mode	TX Channel 123: 6565MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.3 PK			1.02 H	202	50.2	43.1
2	*6565.00	81.3 AV			1.02 H	202	38.2	43.1
3	#13130.00	57.0 PK	88.2	-31.2	1.74 H	202	48.6	8.4
4	#13130.00	45.1 AV	68.2	-23.1	1.74 H	202	36.7	8.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6565.00	91.7 PK			1.13 V	177	48.6	43.1
2	*6565.00	79.6 AV			1.13 V	177	36.5	43.1
3	#13130.00	56.7 PK	88.2	-31.5	2.12 V	330	48.3	8.4
4	#13130.00	44.7 AV	68.2	-23.5	2.12 V	330	36.3	8.4

Remarks:

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

RF Mode	TX Channel 155: 6725MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.3 PK			1.02 H	204	50.2	43.1
2	*6725.00	80.1 AV			1.02 H	204	37.0	43.1
3	#13450.00	57.9 PK	88.2	-30.3	1.78 H	199	48.7	9.2
4	#13450.00	46.1 AV	68.2	-22.1	1.78 H	199	36.9	9.2

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	91.7 PK			1.15 V	177	48.6	43.1
2	*6725.00	78.5 AV			1.15 V	177	35.4	43.1
3	#13450.00	57.5 PK	88.2	-30.7	2.10 V	325	48.3	9.2
4	#13450.00	45.5 AV	68.2	-22.7	2.10 V	325	36.3	9.2

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

RF Mode	TX Channel 179: 6845MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.0 PK			1.03 H	203	48.4	43.6
2	*6845.00	81.3 AV			1.03 H	203	37.7	43.6
3	#13690.00	58.1 PK	88.2	-30.1	1.71 H	193	48.8	9.3
4	#13690.00	46.3 AV	68.2	-21.9	1.71 H	193	37.0	9.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6845.00	90.1 PK			1.12 V	175	46.5	43.6
2	*6845.00	79.1 AV			1.12 V	175	35.5	43.6
3	#13690.00	57.6 PK	88.2	-30.6	2.03 V	323	48.3	9.3
4	#13690.00	46.0 AV	68.2	-22.2	2.03 V	323	36.7	9.3

Remarks:

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

RF Mode	TX Channel 187: 6885MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.6 PK			1.02 H	204	50.8	43.8
2	*6885.00	82.4 AV			1.02 H	204	38.6	43.8
3	#13770.00	58.1 PK	88.2	-30.1	1.79 H	204	48.9	9.2
4	#13770.00	46.4 AV	68.2	-21.8	1.79 H	204	37.2	9.2
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	*6885.00	92.3 PK			1.17 V	179	48.5	43.8
2	*6885.00	80.1 AV			1.17 V	179	36.3	43.8
3	#13770.00	57.5 PK	88.2	-30.7	2.12 V	326	48.3	9.2
4	#13770.00	46.1 AV	68.2	-22.1	2.12 V	326	36.9	9.2

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

RF Mode	TX Channel 211: 7005MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.3 PK			1.02 H	197	49.7	44.6
2	*7005.00	82.6 AV			1.02 H	197	38.0	44.6
3	#14010.00	58.5 PK	88.2	-29.7	1.74 H	199	49.0	9.5
4	#14010.00	46.8 AV	68.2	-21.4	1.74 H	199	37.3	9.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7005.00	92.0 PK			1.15 V	175	47.4	44.6
2	*7005.00	80.4 AV			1.15 V	175	35.8	44.6
3	#14010.00	58.0 PK	88.2	-30.2	2.01 V	308	48.5	9.5
4	#14010.00	46.3 AV	68.2	-21.9	2.01 V	308	36.8	9.5

Remarks:

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

RF Mode	TX Channel 227: 7085MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	95.0 PK			1.04 H	198	49.9	45.1
2	*7085.00	82.6 AV			1.04 H	198	37.5	45.1
3	#7125.00	60.3 PK	88.2	-27.9	1.04 H	198	53.5	6.8
4	#7125.00	48.7 AV	68.2	-19.5	1.04 H	198	41.9	6.8
5	#14170.00	59.0 PK	88.2	-29.2	1.81 H	207	49.0	10.0
6	#14170.00	47.4 AV	68.2	-20.8	1.81 H	207	37.4	10.0

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7085.00	92.7 PK			1.14 V	181	47.6	45.1
2	*7085.00	80.4 AV			1.14 V	181	35.3	45.1
3	#7125.00	60.1 PK	88.2	-28.1	1.14 V	181	53.3	6.8
4	#7125.00	48.5 AV	68.2	-19.7	1.14 V	181	41.7	6.8
5	#14170.00	58.5 PK	88.2	-29.7	2.08 V	327	48.5	10.0
6	#14170.00	47.1 AV	68.2	-21.1	2.08 V	327	37.1	10.0

Remarks:

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

802.11ax (HE80)

Channel	TX Channel 7: 5985MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	57.0 PK	88.2	-31.2	1.03 H	202	54.0	3.0
2	#5925.00	44.8 AV	68.2	-23.4	1.03 H	202	41.8	3.0
3	*5985.00	91.5 PK			1.03 H	202	50.5	41.0
4	*5985.00	79.1 AV			1.03 H	202	38.1	41.0
5	11970.00	56.5 PK	74.0	-17.5	1.77 H	207	47.9	8.6
6	11970.00	44.4 AV	54.0	-9.6	1.77 H	207	35.8	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5925.00	56.8 PK	88.2	-31.4	1.17 V	179	53.8	3.0
2	#5925.00	44.7 AV	68.2	-23.5	1.17 V	179	41.7	3.0
3	*5985.00	89.3 PK			1.17 V	179	48.3	41.0
4	*5985.00	77.0 AV			1.17 V	179	36.0	41.0
5	11970.00	56.0 PK	74.0	-18.0	2.01 V	325	47.4	8.6
6	11970.00	44.2 AV	54.0	-9.8	2.01 V	325	35.6	8.6

Remarks:

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

Channel	TX Channel 39: 6145MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.1 PK			1.03 H	205	51.7	41.4
2	*6145.00	81.1 AV			1.03 H	205	39.7	41.4
3	12290.00	56.5 PK	74.0	-17.5	1.73 H	198	48.0	8.5
4	12290.00	44.5 AV	54.0	-9.5	1.73 H	198	36.0	8.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6145.00	90.9 PK			1.15 V	179	49.5	41.4
2	*6145.00	79.0 AV			1.15 V	179	37.6	41.4
3	12290.00	56.1 PK	74.0	-17.9	2.17 V	333	47.6	8.5
4	12290.00	44.4 AV	54.0	-9.6	2.17 V	333	35.9	8.5

Remarks:

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

Channel	TX Channel 87: 6385MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.3 PK			1.02 H	196	51.8	42.5
2	*6385.00	82.7 AV			1.02 H	196	40.2	42.5
3	#12770.00	56.8 PK	88.2	-31.4	1.79 H	203	48.2	8.6
4	#12770.00	45.0 AV	68.2	-23.2	1.79 H	203	36.4	8.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6385.00	92.2 PK			1.21 V	171	49.7	42.5
2	*6385.00	80.5 AV			1.21 V	171	38.0	42.5
3	#12770.00	56.3 PK	88.2	-31.9	2.03 V	324	47.7	8.6
4	#12770.00	44.6 AV	68.2	-23.6	2.03 V	324	36.0	8.6

Remarks:

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

Channel	TX Channel 103: 6465MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.9 PK			1.02 H	202	51.0	42.9
2	*6465.00	81.8 AV			1.02 H	202	38.9	42.9
3	#12930.00	57.0 PK	88.2	-31.2	1.74 H	212	48.4	8.6
4	#12930.00	45.1 AV	68.2	-23.1	1.74 H	212	36.5	8.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6465.00	91.6 PK			1.17 V	169	48.7	42.9
2	*6465.00	79.4 AV			1.17 V	169	36.5	42.9
3	#12930.00	56.5 PK	88.2	-31.7	2.17 V	334	47.9	8.6
4	#12930.00	44.6 AV	68.2	-23.6	2.17 V	334	36.0	8.6

Remarks:

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

Channel	TX Channel 119: 6545MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.2 PK			1.03 H	199	51.2	43.0
2	*6545.00	82.0 AV			1.03 H	199	39.0	43.0
3	#13090.00	56.5 PK	88.2	-31.7	1.81 H	214	48.3	8.2
4	#13090.00	44.5 AV	68.2	-23.7	1.81 H	214	36.3	8.2

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	*6545.00	92.0 PK			1.13 V	173	49.0	43.0
2	*6545.00	79.8 AV			1.13 V	173	36.8	43.0
3	#13090.00	55.9 PK	88.2	-32.3	2.13 V	323	47.7	8.2
4	#13090.00	44.1 AV	68.2	-24.1	2.13 V	323	35.9	8.2

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

Channel	TX Channel 151: 6705MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	95.4 PK			1.01 H	200	52.3	43.1
2	*6705.00	82.6 AV			1.01 H	200	39.5	43.1
3	#13410.00	57.5 PK	88.2	-30.7	1.78 H	214	48.4	9.1
4	#13410.00	45.6 AV	68.2	-22.6	1.78 H	214	36.5	9.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6705.00	93.1 PK			1.17 V	181	50.0	43.1
2	*6705.00	80.5 AV			1.17 V	181	37.4	43.1
3	#13410.00	56.9 PK	88.2	-31.3	2.17 V	328	47.8	9.1
4	#13410.00	44.9 AV	68.2	-23.3	2.17 V	328	35.8	9.1

Remarks:

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

Channel	TX Channel 183: 6865MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.0 PK			1.04 H	200	50.3	43.7
2	*6865.00	82.3 AV			1.04 H	200	38.6	43.7
3	#13730.00	57.6 PK	88.2	-30.6	1.76 H	195	48.3	9.3
4	#13730.00	45.9 AV	68.2	-22.3	1.76 H	195	36.6	9.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6865.00	91.8 PK			1.13 V	175	48.1	43.7
2	*6865.00	80.3 AV			1.13 V	175	36.6	43.7
3	#13730.00	57.0 PK	88.2	-31.2	2.05 V	322	47.7	9.3
4	#13730.00	45.5 AV	68.2	-22.7	2.05 V	322	36.2	9.3

Remarks:

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

Channel	TX Channel 199: 6945MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	93.2 PK			1.02 H	201	49.3	43.9
2	*6945.00	81.6 AV			1.02 H	201	37.7	43.9
3	#13890.00	57.7 PK	88.2	-30.5	1.72 H	201	48.5	9.2
4	#13890.00	46.0 AV	68.2	-22.2	1.72 H	201	36.8	9.2
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	*6945.00	91.1 PK			1.14 V	171	47.2	43.9
2	*6945.00	79.4 AV			1.14 V	171	35.5	43.9
3	#13890.00	57.1 PK	88.2	-31.1	1.99 V	311	47.9	9.2
4	#13890.00	45.5 AV	68.2	-22.7	1.99 V	311	36.3	9.2

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

Channel	TX Channel 215: 7025MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	92.6 PK			1.03 H	201	47.8	44.8
2	*7025.00	81.4 AV			1.03 H	201	36.6	44.8
3	#7125.00	60.6 PK	88.2	-27.6	1.03 H	201	53.8	6.8
4	#7125.00	48.6 AV	68.2	-19.6	1.03 H	201	41.8	6.8
5	#14050.00	58.2 PK	88.2	-30.0	1.79 H	212	48.6	9.6
6	#14050.00	46.6 PK	68.2	-21.6	1.79 H	212	37.0	9.6

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7025.00	90.5 PK			1.16 V	178	45.7	44.8
2	*7025.00	79.3 AV			1.16 V	178	34.5	44.8
3	#7125.00	60.4 PK	88.2	-27.8	1.16 V	178	53.6	6.8
4	#7125.00	48.5 AV	68.2	-19.7	1.16 V	178	41.7	6.8
5	#14050.00	57.6 PK	88.2	-30.6	2.16 V	326	48.0	9.6
6	#14050.00	46.0 PK	68.2	-22.2	2.16 V	326	36.4	9.6

Remarks:

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

802.11ax (HE160)

Channel	TX Channel 15: 6025MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	56.6 PK	88.2	-31.6	1.00 H	202	53.6	3.0
2	#5925.00	44.9 AV	68.2	-23.3	1.00 H	202	41.9	3.0
3	*6025.00	94.1 PK			1.00 H	202	53.0	41.1
4	*6025.00	82.6 AV			1.00 H	202	41.5	41.1
5	12050.00	56.4 PK	74.0	-17.6	1.74 H	203	47.6	8.8
6	12050.00	44.7 AV	54.0	-9.3	1.74 H	203	35.9	8.8

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	56.4 PK	88.2	-31.8	1.11 V	97	53.4	3.0
2	#5925.00	44.8 AV	68.2	-23.4	1.11 V	97	41.8	3.0
3	*6025.00	91.4 PK			1.11 V	97	50.3	41.1
4	*6025.00	79.9 AV			1.11 V	97	38.8	41.1
5	12050.00	55.9 PK	74.0	-18.1	2.12 V	320	47.1	8.8
6	12050.00	44.2 AV	54.0	-9.8	2.12 V	320	35.4	8.8

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

Channel	TX Channel 47: 6185MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	95.9 PK			1.10 H	202	54.4	41.5
2	*6185.00	84.1 AV			1.10 H	202	42.6	41.5
3	12370.00	55.8 PK	74.0	-18.2	1.77 H	204	47.7	8.1
4	12370.00	44.2 AV	54.0	-9.8	1.77 H	204	36.1	8.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6185.00	94.5 PK			1.19 V	102	53.0	41.5
2	*6185.00	82.2 AV			1.19 V	102	40.7	41.5
3	12370.00	55.4 PK	74.0	-18.6	2.17 V	312	47.3	8.1
4	12370.00	43.9 AV	54.0	-10.1	2.17 V	312	35.8	8.1

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

Channel	TX Channel 79: 6345MHz (U-NII 5)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	96.5 PK			1.12 H	201	54.3	42.2
2	*6345.00	84.2 AV			1.12 H	201	42.0	42.2
3	12690.00	56.5 PK	74.0	-17.5	1.81 H	210	48.1	8.4
4	12690.00	45.0 AV	54.0	-9.0	1.81 H	210	36.6	8.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6345.00	93.3 PK			1.21 V	99	51.1	42.2
2	*6345.00	81.6 AV			1.21 V	99	39.4	42.2
3	12690.00	56.0 PK	74.0	-18.0	1.99 V	308	47.6	8.4
4	12690.00	44.6 AV	54.0	-9.4	1.99 V	308	36.2	8.4

Remarks:

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

Channel	TX Channel 111: 6505MHz (U-NII 6)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	96.1 PK			1.09 H	200	53.2	42.9
2	*6505.00	84.4 AV			1.09 H	200	41.5	42.9
3	#13010.00	56.8 PK	88.2	-31.4	1.71 H	208	48.4	8.4
4	#13010.00	45.3 AV	68.2	-22.9	1.71 H	208	36.9	8.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6505.00	93.9 PK			1.17 V	103	51.0	42.9
2	*6505.00	82.2 AV			1.17 V	103	39.3	42.9
3	#13010.00	56.4 PK	88.2	-31.8	2.14 V	319	48.0	8.4
4	#13010.00	44.8 AV	68.2	-23.4	2.14 V	319	36.4	8.4

Remarks:

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

Channel	TX Channel 143: 6665MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	97.0 PK			1.01 H	202	53.8	43.2
2	*6665.00	84.4 AV			1.01 H	202	41.2	43.2
3	13330.00	57.5 PK	74.0	-16.5	1.79 H	203	48.5	9.0
4	13330.00	46.1 AV	54.0	-7.9	1.79 H	203	37.1	9.0

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6665.00	94.7 PK			1.12 V	103	51.5	43.2
2	*6665.00	82.2 AV			1.12 V	103	39.0	43.2
3	13330.00	57.0 PK	74.0	-17.0	2.12 V	330	48.0	9.0
4	13330.00	45.7 AV	54.0	-8.3	2.12 V	330	36.7	9.0

Remarks:

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

Channel	TX Channel 175: 6825MHz (U-NII 7)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	96.1 PK			1.04 H	203	52.6	43.5
2	*6825.00	84.1 AV			1.04 H	203	40.6	43.5
3	#13650.00	58.1 PK	88.2	-30.1	1.82 H	197	48.7	9.4
4	#13650.00	46.7 AV	68.2	-21.5	1.82 H	197	37.3	9.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6825.00	93.8 PK			1.15 V	99	50.3	43.5
2	*6825.00	81.7 AV			1.15 V	99	38.2	43.5
3	#13650.00	57.5 PK	88.2	-30.7	2.07 V	315	48.1	9.4
4	#13650.00	46.4 AV	68.2	-21.8	2.07 V	315	37.0	9.4

Remarks:

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

Channel	TX Channel 207: 6985MHz (U-NII 8)	Peak Measurement	Peak Detector
Frequency Range	1GHz ~ 40GHz	Average Measurement	1/T and Peak Detector

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	94.8 PK			1.06 H	205	50.5	44.3
2	*6985.00	83.6 AV			1.06 H	205	39.3	44.3
3	#7125.00	59.8 PK	88.2	-28.4	1.06 H	205	53.0	6.8
4	#7125.00	48.9 AV	68.2	-19.3	1.06 H	205	42.1	6.8
5	#13970.00	58.2 PK	88.2	-30.0	1.77 H	204	48.8	9.4
6	#13970.00	46.9 AV	68.2	-21.3	1.77 H	204	37.5	9.4

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6985.00	92.5 PK			1.16 V	107	48.2	44.3
2	*6985.00	81.3 AV			1.16 V	107	37.0	44.3
3	#7125.00	59.6 PK	88.2	-28.6	1.16 V	107	52.8	6.8
4	#7125.00	48.8 AV	68.2	-19.4	1.16 V	107	42.0	6.8
5	#13970.00	57.7 PK	88.2	-30.5	2.09 V	317	48.3	9.4
6	#13970.00	46.5 AV	68.2	-21.7	2.09 V	317	37.1	9.4

Remarks:

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

Below 1GHz Data:

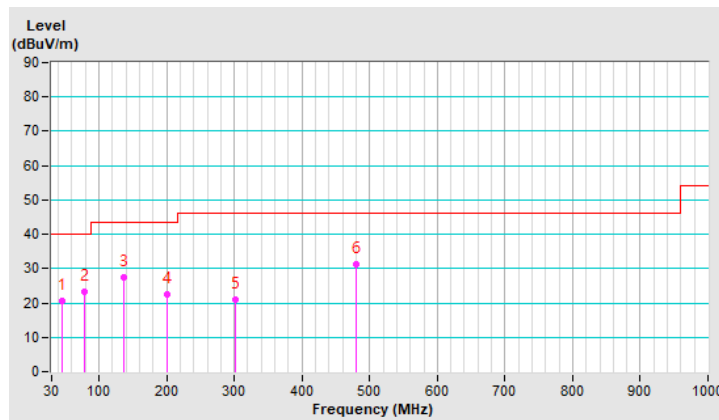
802.11ax (HE160)

Channel	TX Channel 15: 6025MHz (U-NII 5)	Detector Function	Quasi-Peak (QP)
Frequency Range	9kHz ~ 1GHz		

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	45.08	20.7 QP	40.0	-19.3	3.00 H	1	28.9	-8.2
2	77.75	23.2 QP	40.0	-16.8	3.00 H	0	35.6	-12.4
3	136.70	27.5 QP	43.5	-16.0	3.00 H	258	35.7	-8.2
4	200.04	22.6 QP	43.5	-20.9	3.00 H	326	33.2	-10.6
5	302.33	21.1 QP	46.0	-24.9	1.50 H	278	27.5	-6.4
6	480.01	31.1 QP	46.0	-14.9	2.00 H	360	32.6	-1.5

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 of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

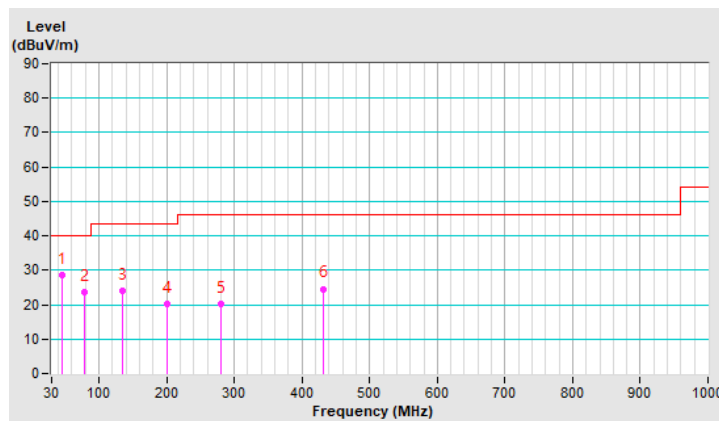


Channel	TX Channel 15: 6025MHz (U-NII 5)	Detector Function	Quasi-Peak (QP)
Frequency Range	9kHz ~ 1GHz		

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	44.84	28.5 QP	40.0	-11.5	1.00 V	0	36.7	-8.2
2	78.26	23.7 QP	40.0	-16.3	1.00 V	354	36.2	-12.5
3	135.29	24.1 QP	43.5	-19.4	1.00 V	4	32.4	-8.3
4	199.99	20.2 QP	43.5	-23.3	1.00 V	0	30.8	-10.6
5	281.18	20.2 QP	46.0	-25.8	1.50 V	78	27.4	-7.2
6	432.04	24.6 QP	46.0	-21.4	1.50 V	175	27.1	-2.5

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 of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.2 In-Ban Emission (Mask) Measurement

4.2.1 Limits of In-Band Emission (Mask) Measurement

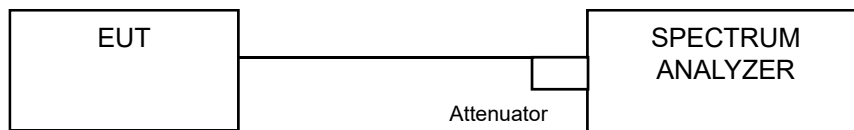
Test Item	Frequencies (MHz)	(X) dBc ^{*1}
Emission Mask	At 1 MHz outside of channel edge	20
	At one channel bandwidth from the channel center ^{*2}	28
	At one- and one-half times the channel bandwidth away from channel center ^{*3}	40
	More than one- and one-half times the channel bandwidth	40

^{*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.

4.2.2 Test Setup



4.2.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.2.4 Test Procedure

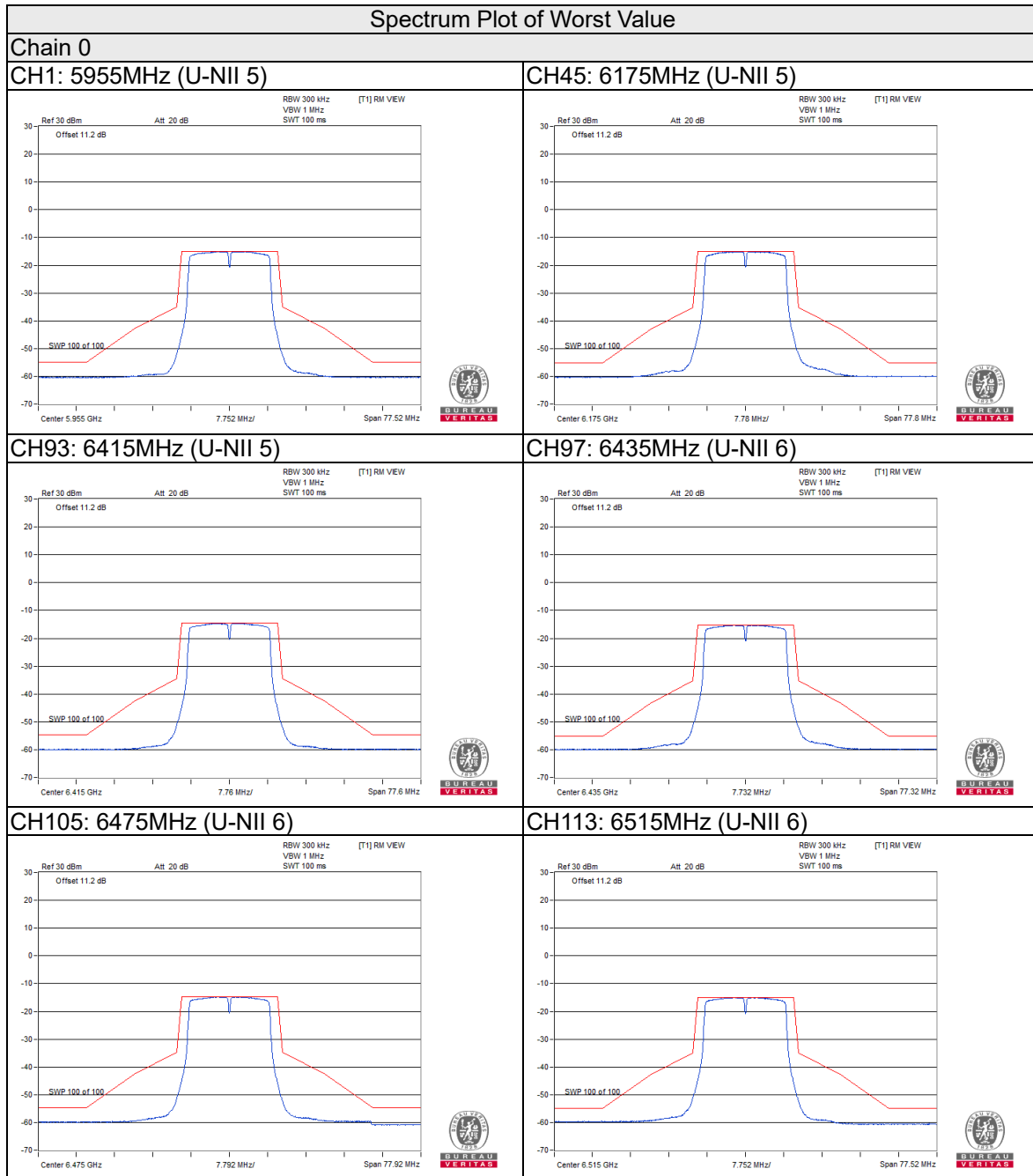
- a. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
- b. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (Determine the channel edge.)
- c. Measure the power spectral density (for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - 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

4.2.5 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.2.6 Test Results

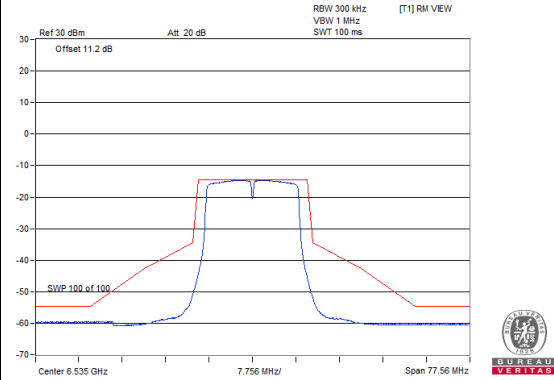
802.11a



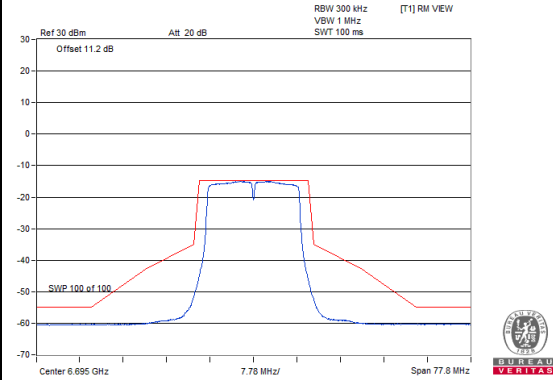
Spectrum Plot of Worst Value

Chain 0

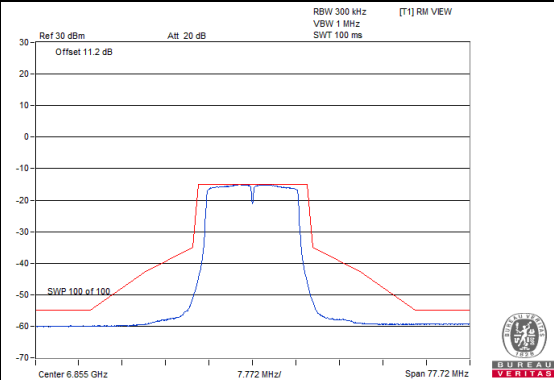
CH117: 6535MHz (U-NII 7)



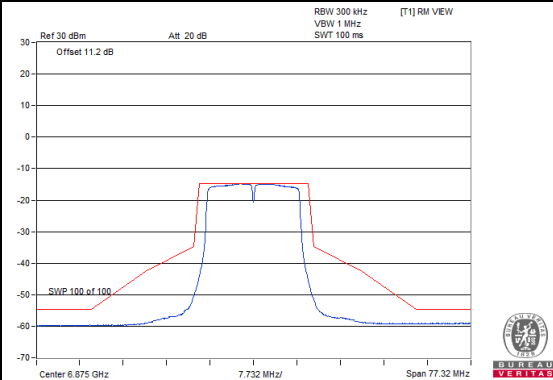
CH149: 6695MHz (U-NII 7)



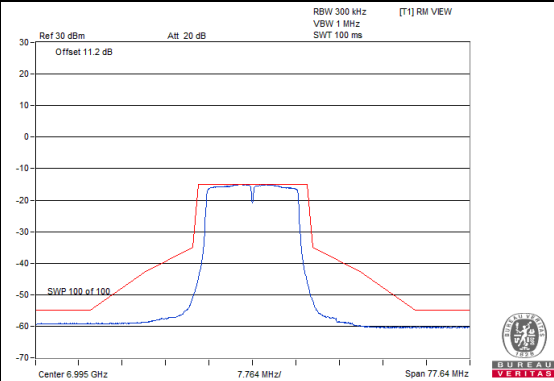
CH181: 6855MHz (U-NII 7)



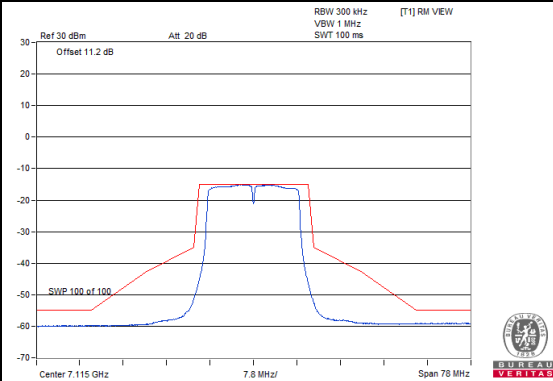
CH185: 6875MHz (U-NII 7)



CH209: 6995MHz (U-NII 8)



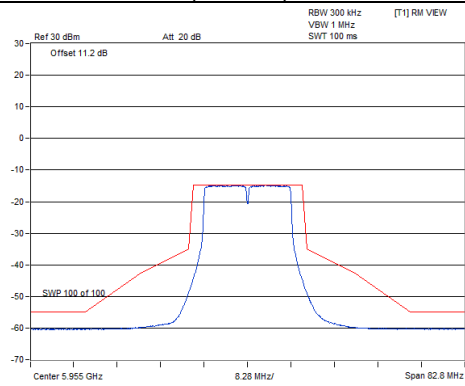
CH233: 7115MHz (U-NII 8)



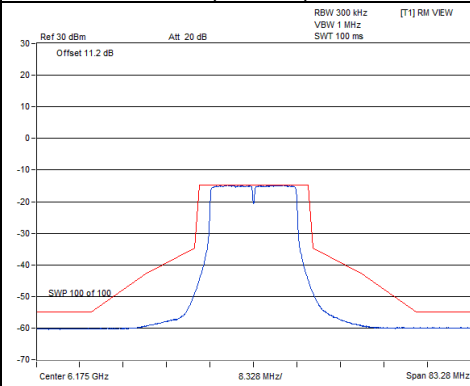
Spectrum Plot of Worst Value

Chain 1

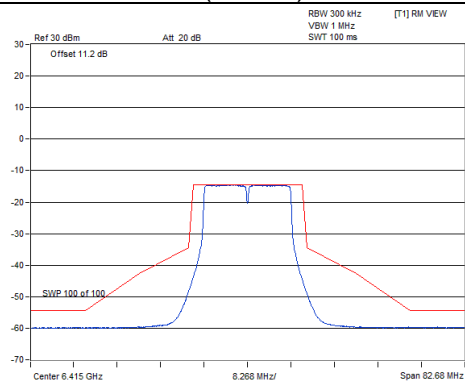
CH1: 5955MHz (U-NII 5)



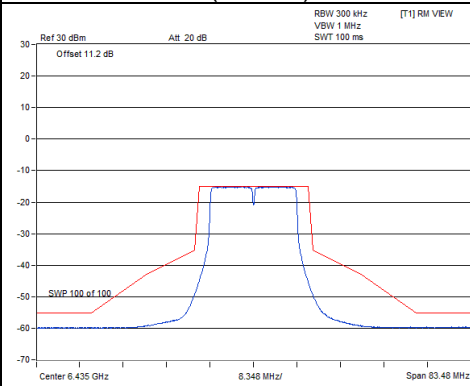
CH45: 6175MHz (U-NII 5)



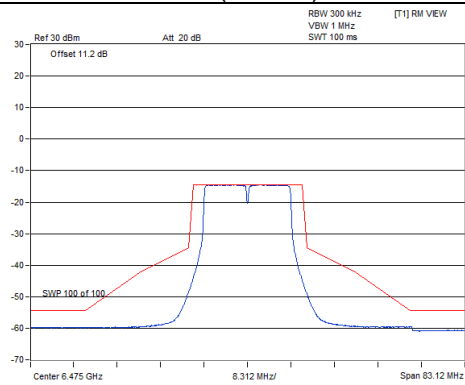
CH93: 6415MHz (U-NII 5)



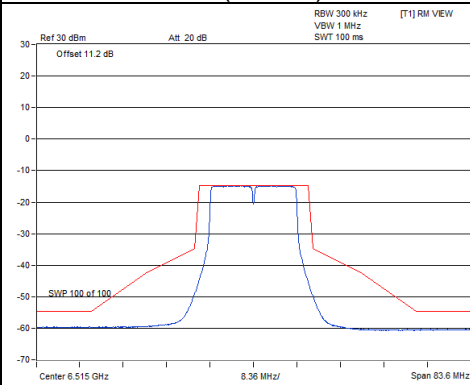
CH97: 6435MHz (U-NII 6)



CH105: 6475MHz (U-NII 6)



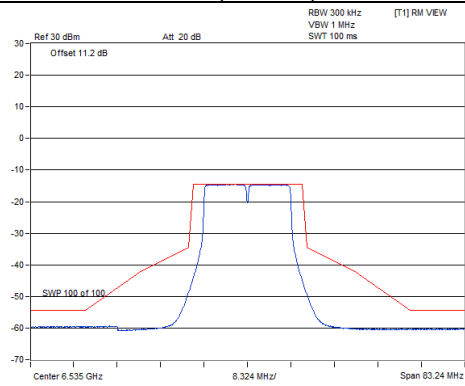
CH113: 6515MHz (U-NII 6)



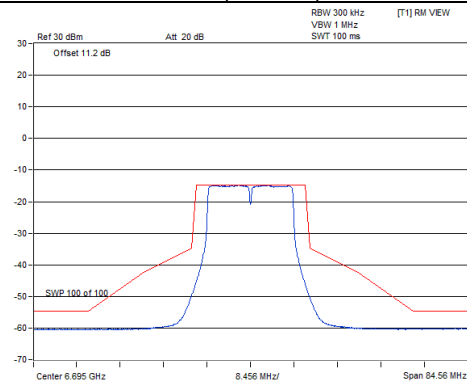
Spectrum Plot of Worst Value

Chain 1

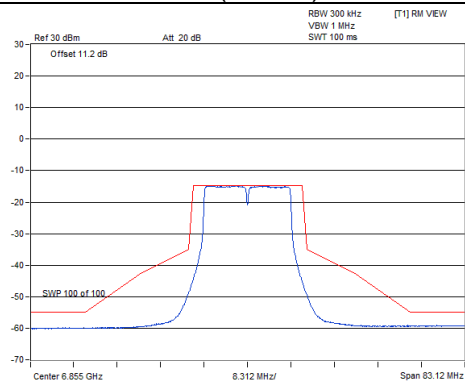
CH117: 6535MHz (U-NII 7)



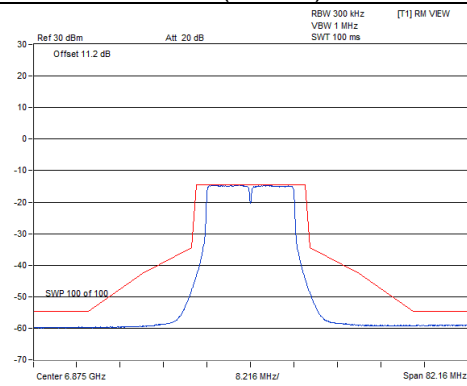
CH149: 6695MHz (U-NII 7)



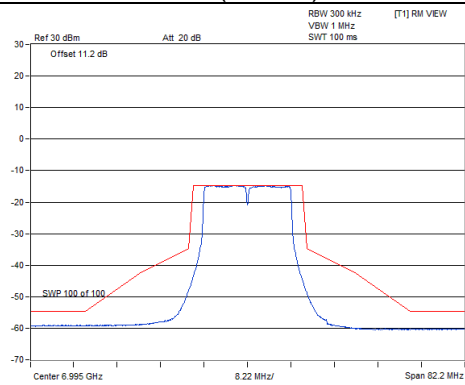
CH181: 6855MHz (U-NII 7)



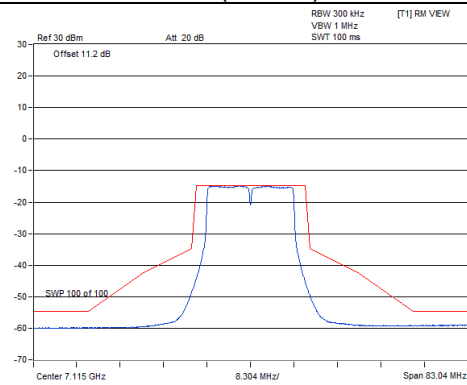
CH185: 6875MHz (U-NII 7)



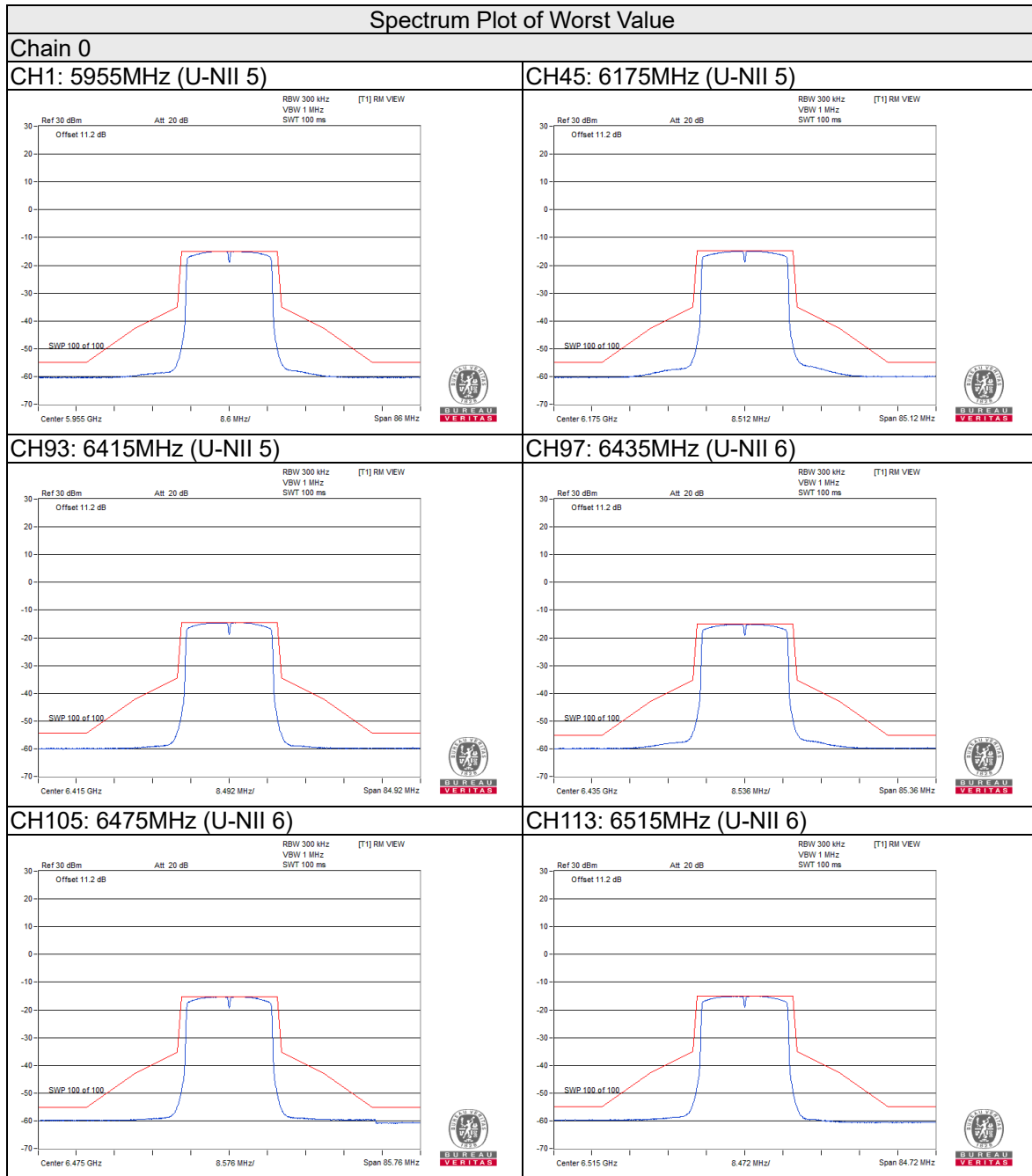
CH209: 6995MHz (U-NII 8)



CH233: 7115MHz (U-NII 8)



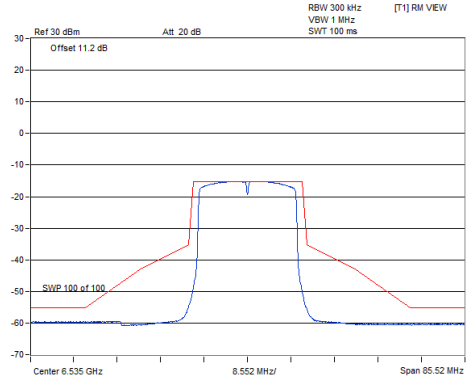
802.11ax (HE20)



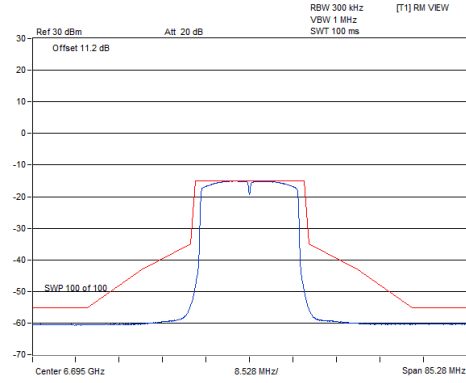
Spectrum Plot of Worst Value

Chain 0

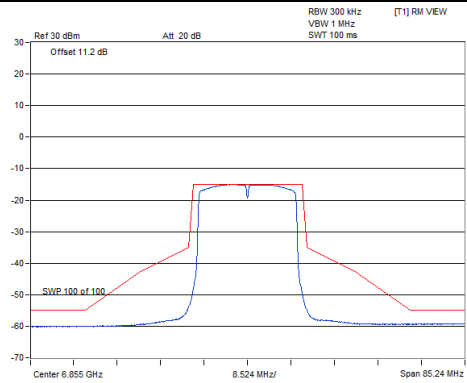
CH117: 6535MHz (U-NII 7)



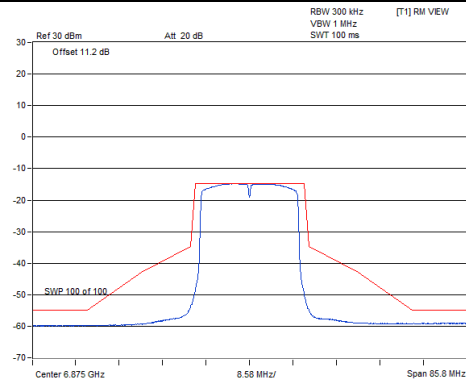
CH149: 6695MHz (U-NII 7)



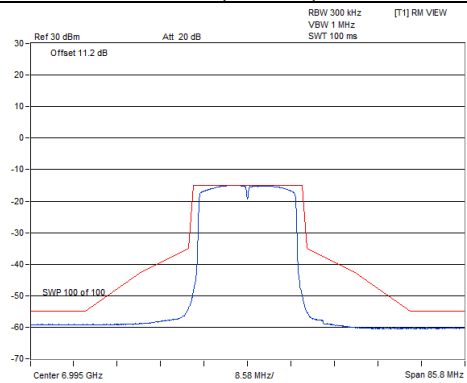
CH181: 6855MHz (U-NII 7)



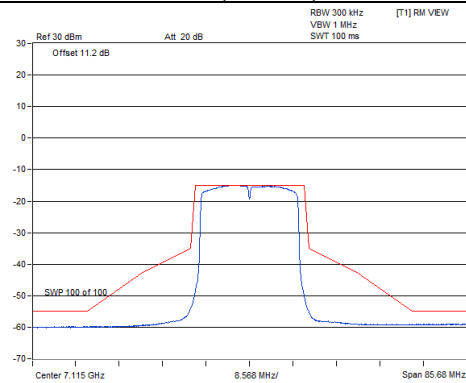
CH185: 6875MHz (U-NII 7)



CH209: 6995MHz (U-NII 8)



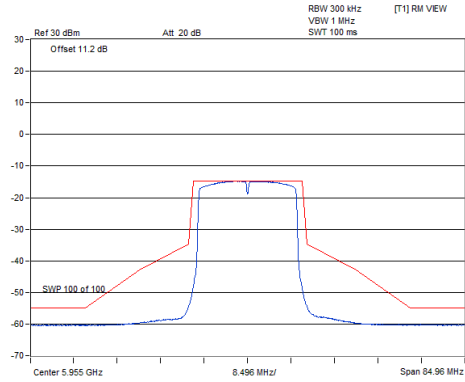
CH233: 7115MHz (U-NII 8)



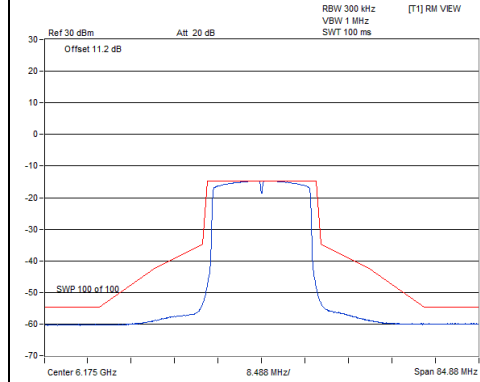
Spectrum Plot of Worst Value

Chain 1

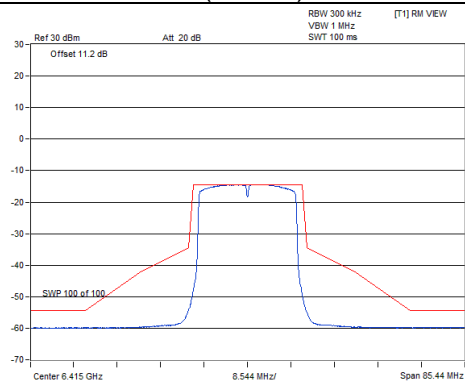
CH1: 5955MHz (U-NII 5)



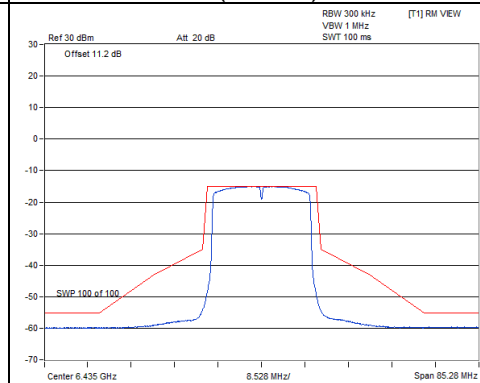
CH45: 6175MHz (U-NII 5)



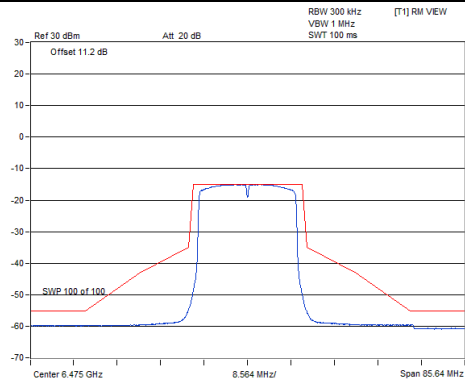
CH93: 6415MHz (U-NII 5)



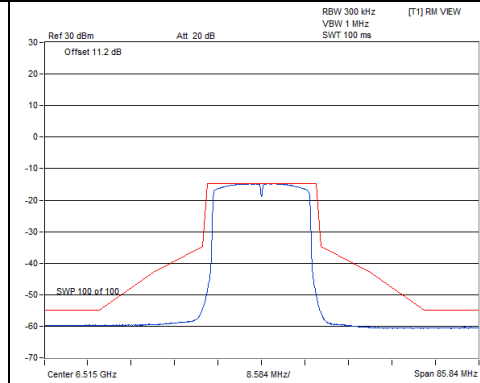
CH97: 6435MHz (U-NII 6)



CH105: 6475MHz (U-NII 6)



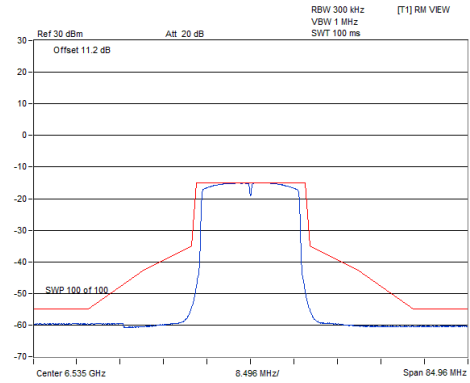
CH113: 6515MHz (U-NII 6)



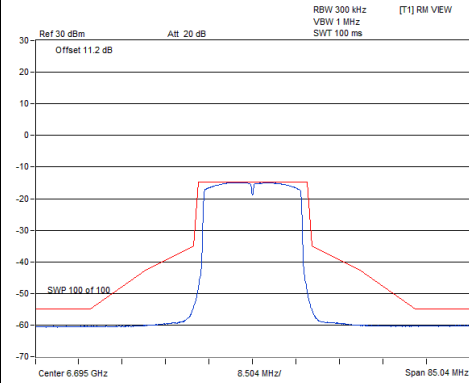
Spectrum Plot of Worst Value

Chain 1

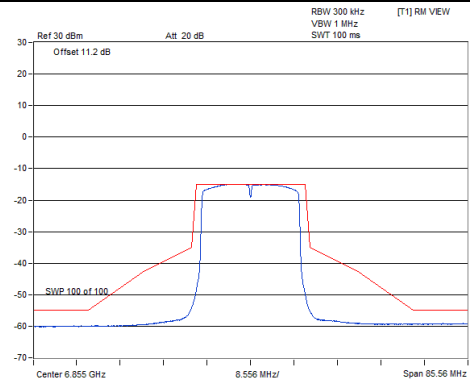
CH117: 6535MHz (U-NII 7)



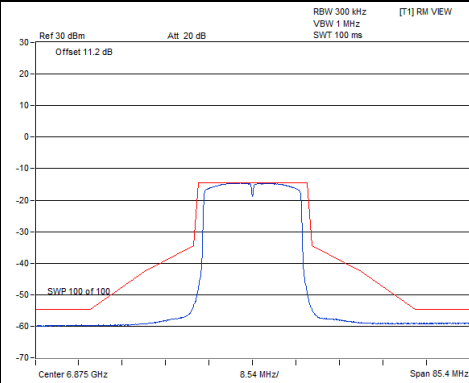
CH149: 6695MHz (U-NII 7)



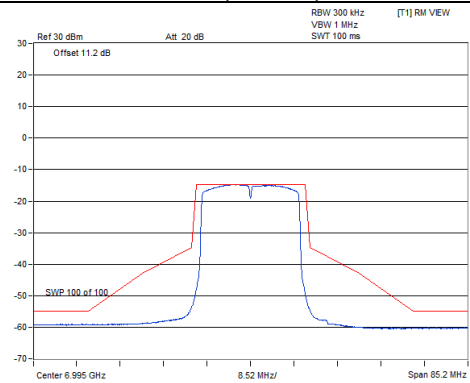
CH181: 6855MHz (U-NII 7)



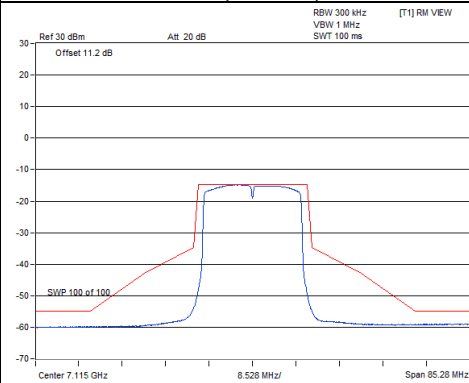
CH185: 6875MHz (U-NII 7)



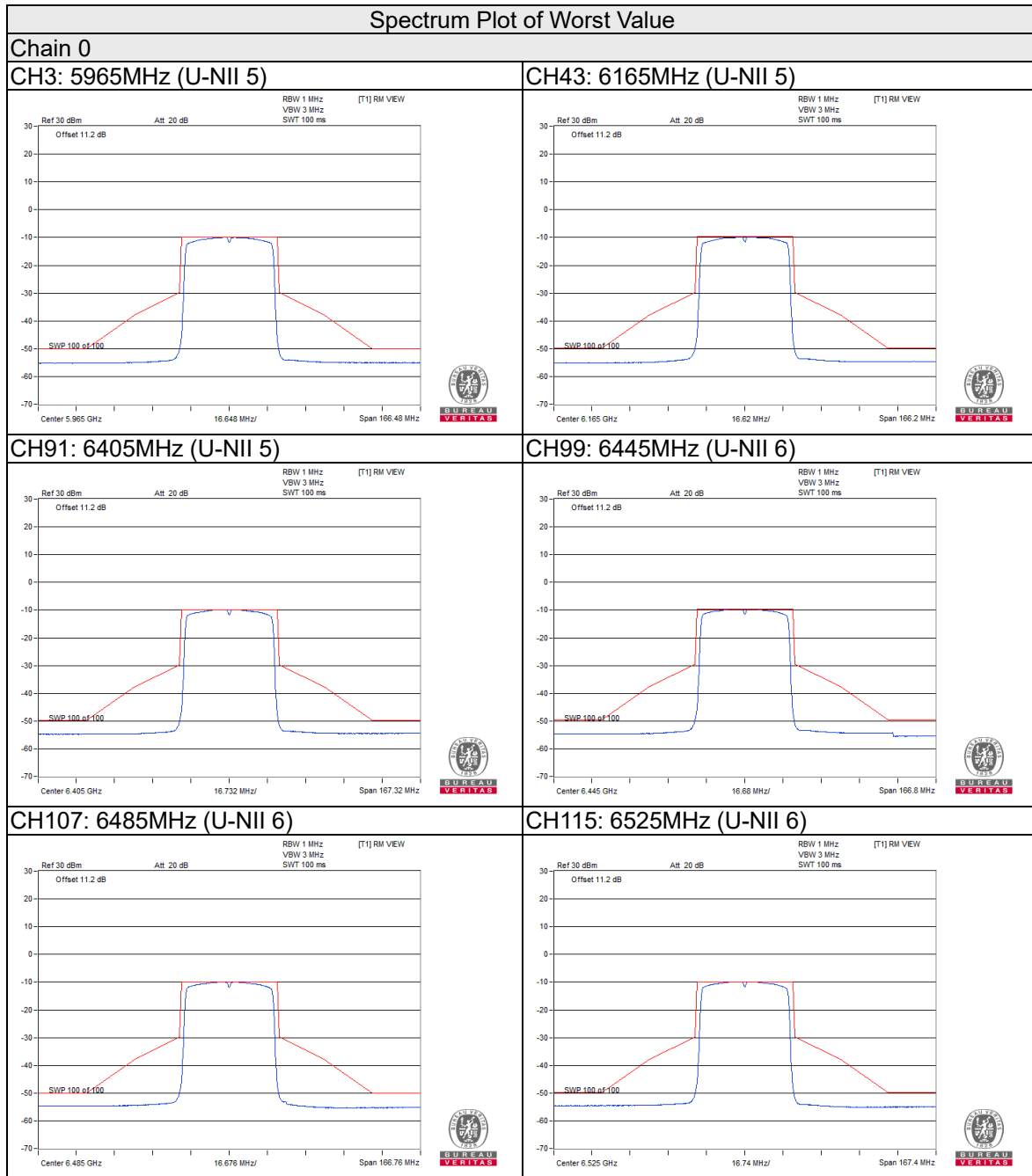
CH209: 6995MHz (U-NII 8)



CH233: 7115MHz (U-NII 8)



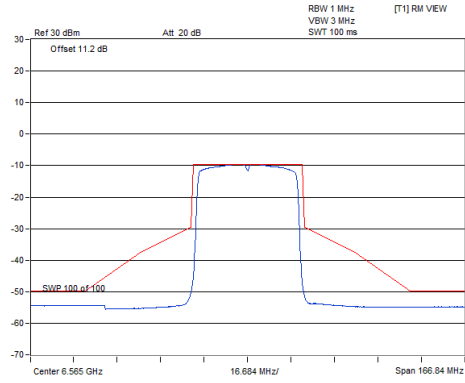
802.11ax (HE40)



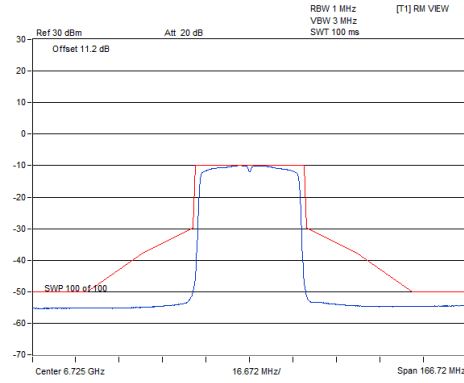
Spectrum Plot of Worst Value

Chain 0

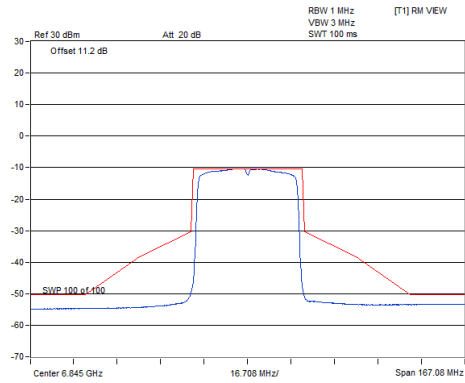
CH123: 6565MHz (U-NII 7)



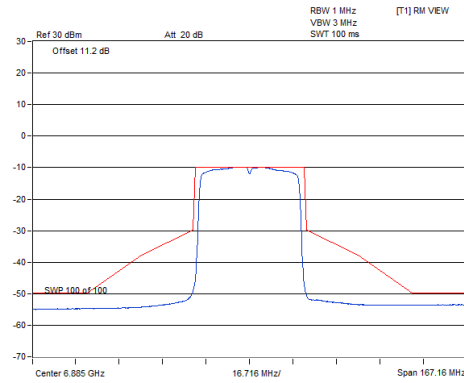
CH155: 6725MHz (U-NII 7)



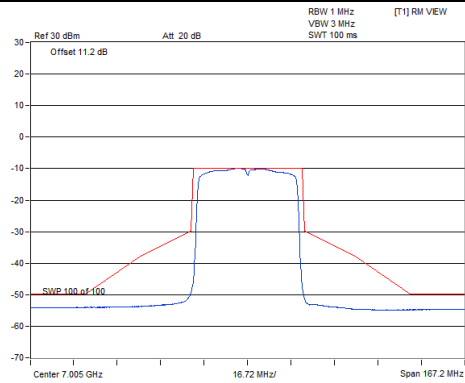
CH179: 6845MHz (U-NII 7)



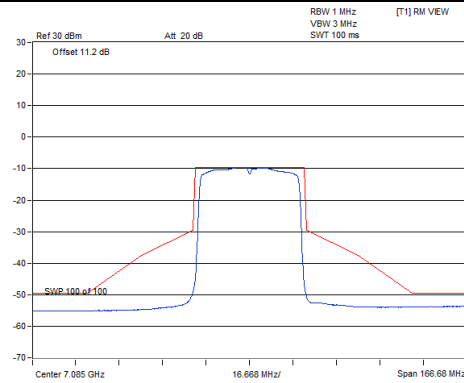
CH187: 6885MHz (U-NII 7)



CH211: 7005MHz (U-NII 8)



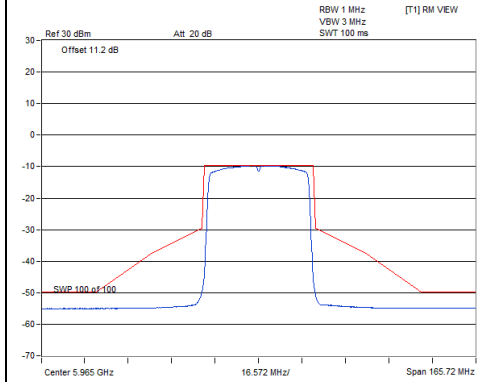
CH227: 7085MHz (U-NII 8)



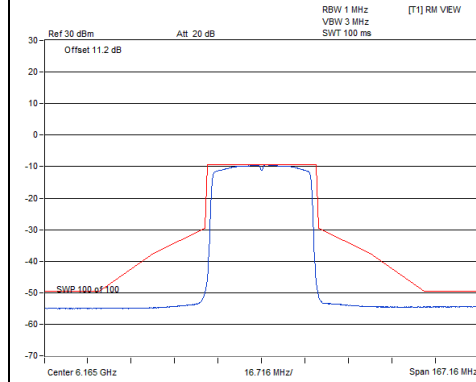
Spectrum Plot of Worst Value

Chain 1

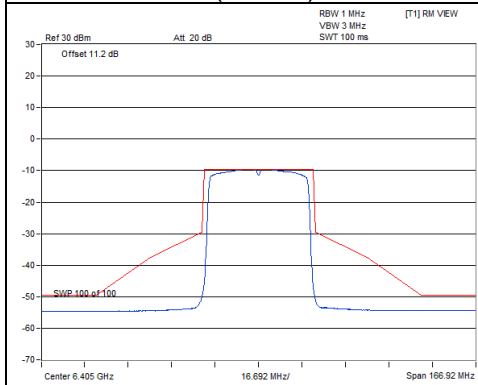
CH3: 5965MHz (U-NII 5)



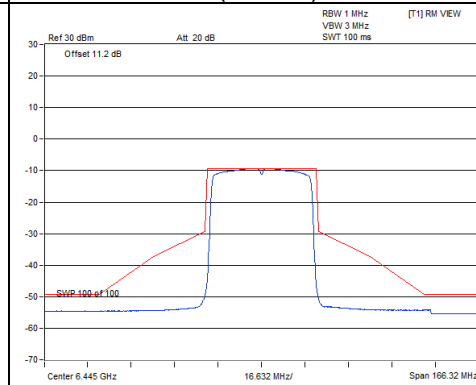
CH43: 6165MHz (U-NII 5)



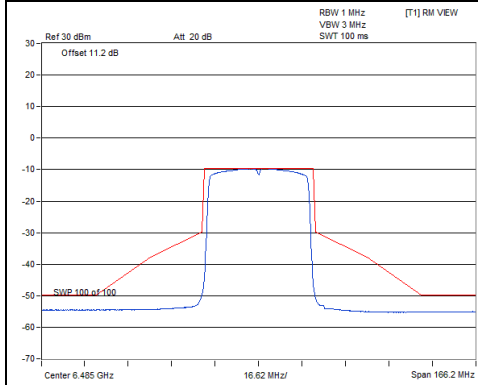
CH91: 6405MHz (U-NII 5)



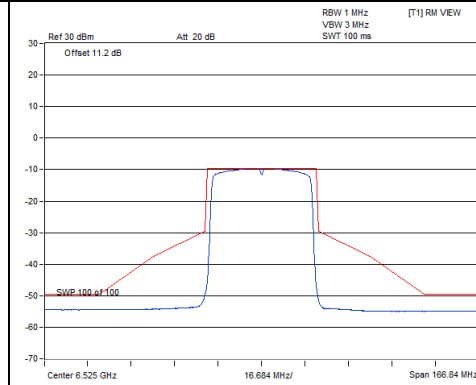
CH99: 6445MHz (U-NII 6)



CH107: 6485MHz (U-NII 6)



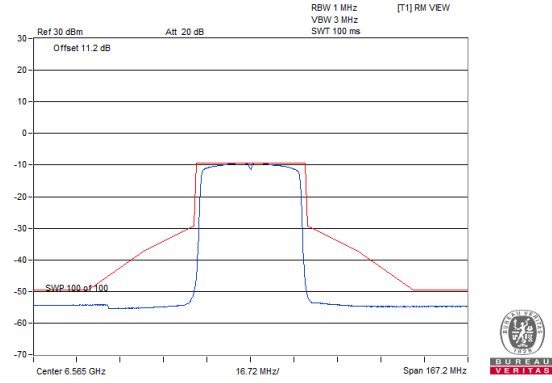
CH115: 6525MHz (U-NII 6)



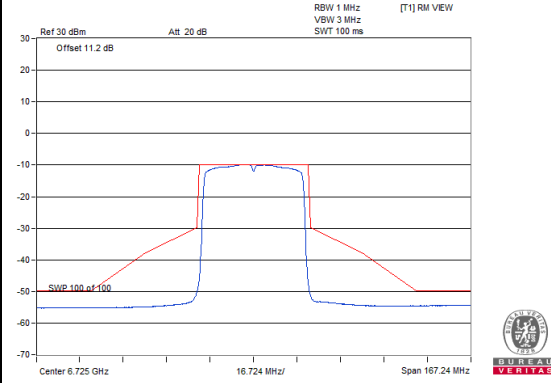
Spectrum Plot of Worst Value

Chain 1

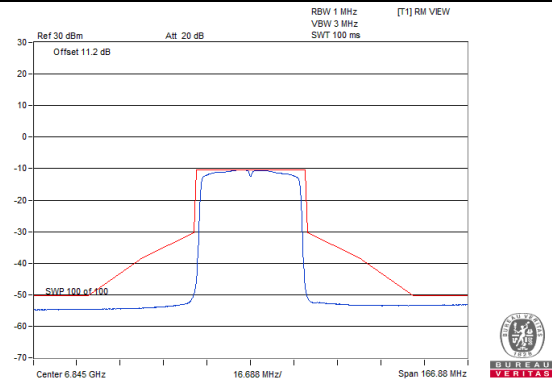
CH123: 6565MHz (U-NII 7)



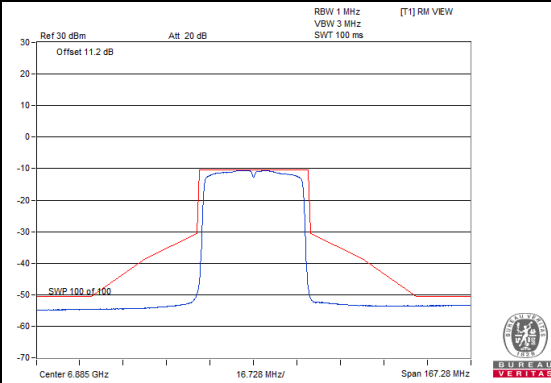
CH155: 6725MHz (U-NII 7)



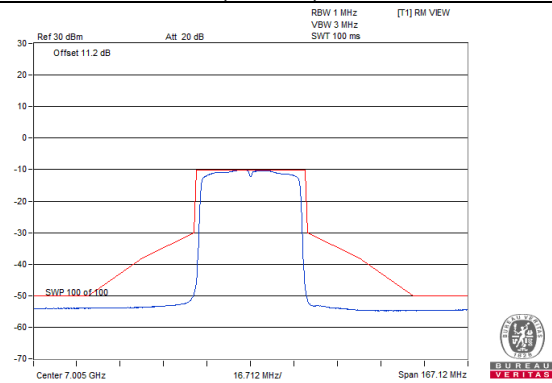
CH179: 6845MHz (U-NII 7)



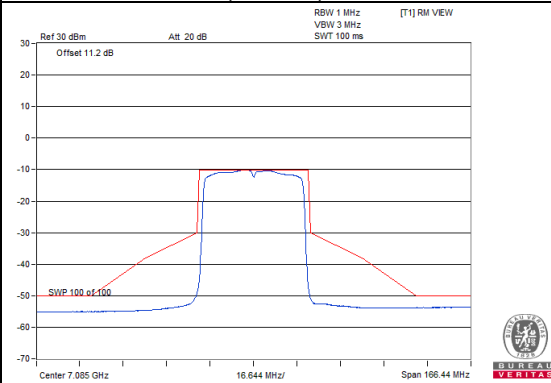
CH187: 6885MHz (U-NII 7)



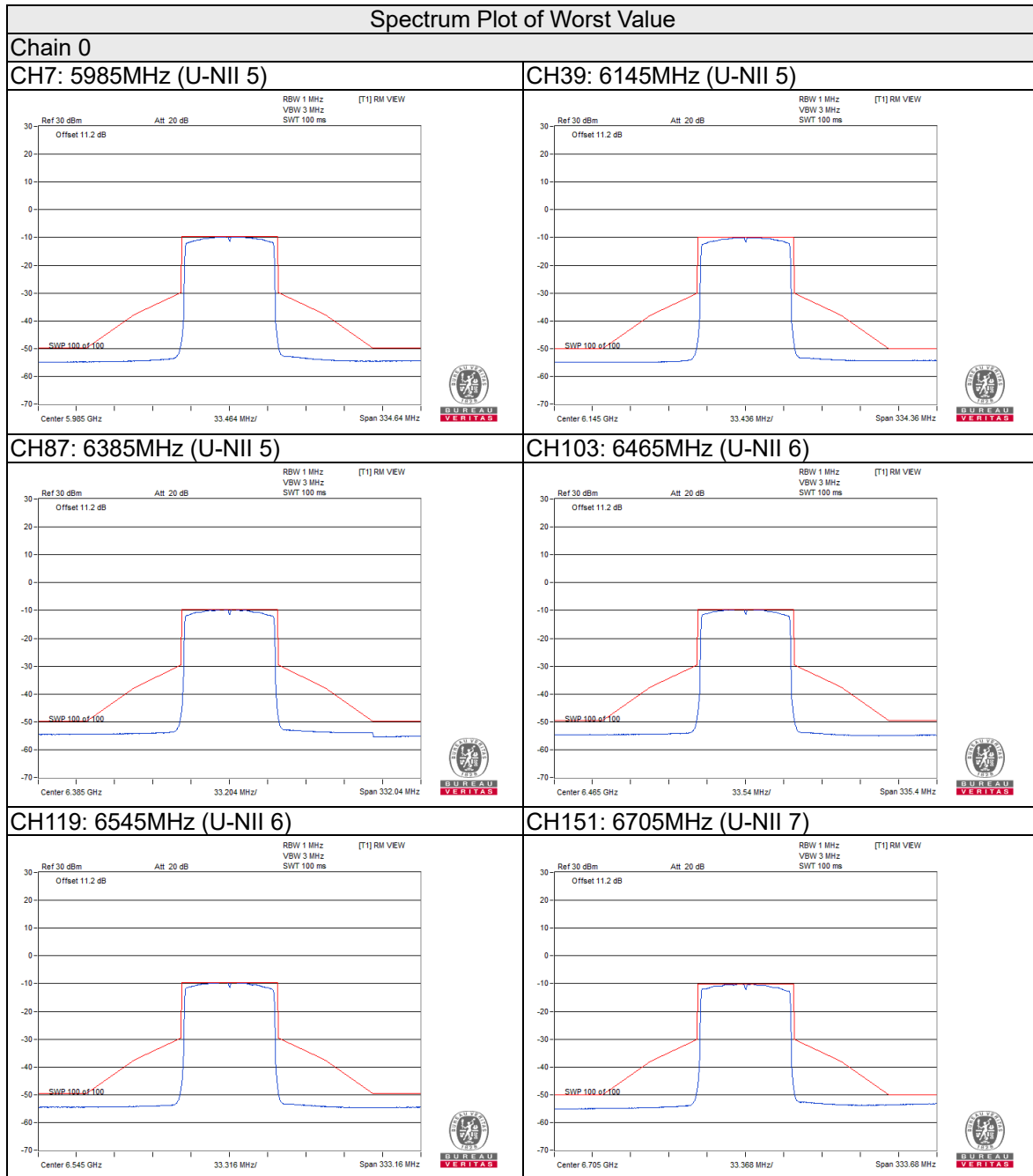
CH211: 7005MHz (U-NII 8)



CH227: 7085MHz (U-NII 8)



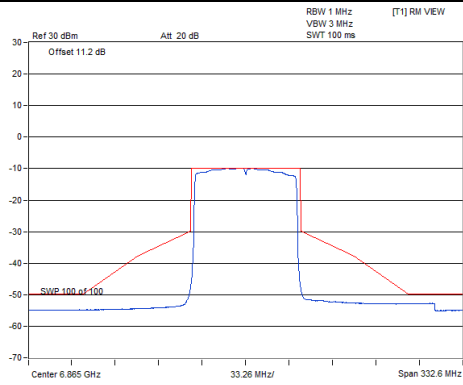
802.11ax (HE80)



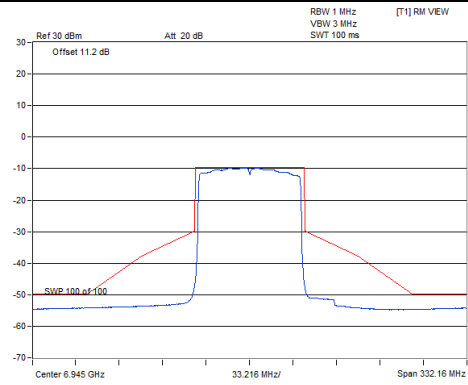
Spectrum Plot of Worst Value

Chain 0

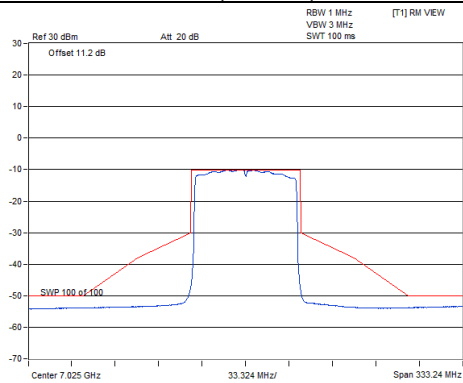
CH183: 6865MHz (U-NII 7)



CH199: 6945MHz (U-NII 8)



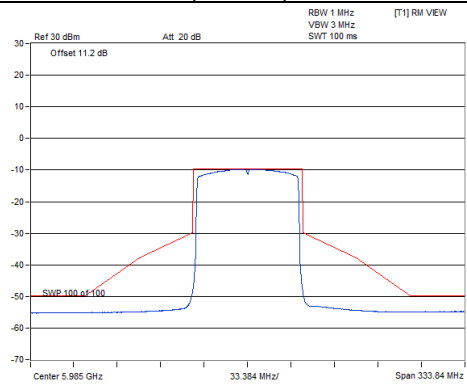
CH215: 7025MHz (U-NII 8)



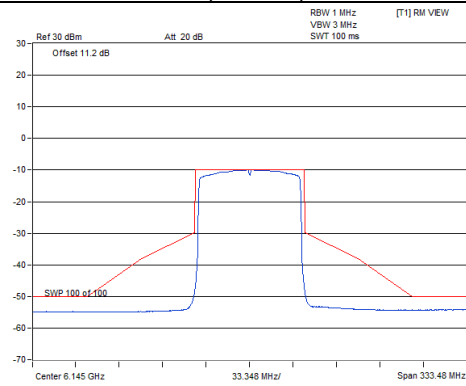
Spectrum Plot of Worst Value

Chain 0

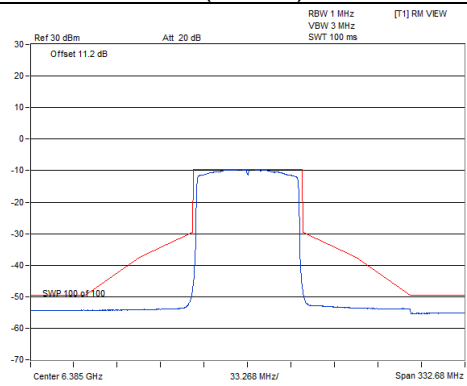
CH7: 5985MHz (U-NII 5)



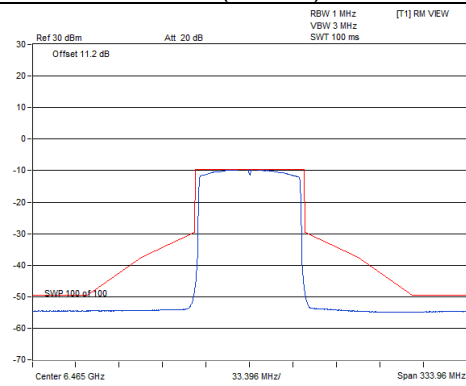
CH39: 6145MHz (U-NII 5)



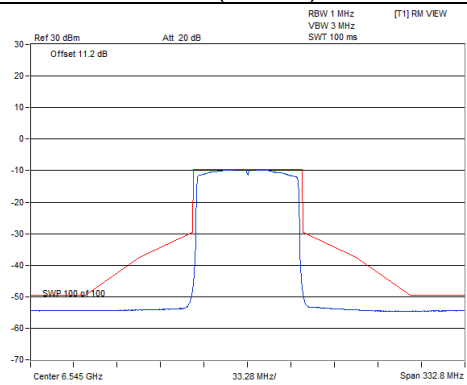
CH87: 6385MHz (U-NII 5)



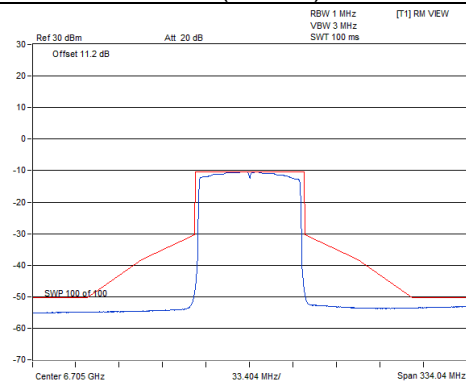
CH103: 6465MHz (U-NII 6)



CH119: 6545MHz (U-NII 6)



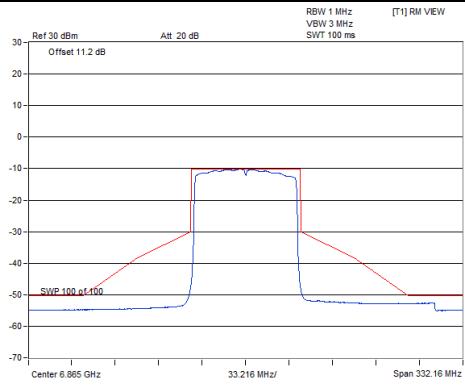
CH151: 6705MHz (U-NII 7)



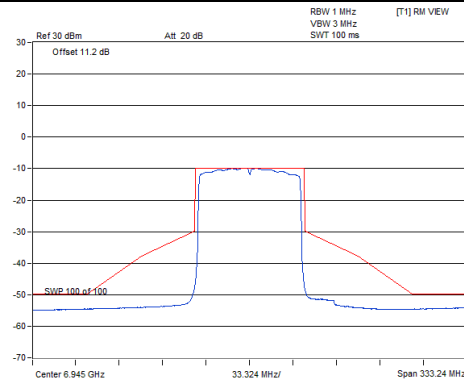
Spectrum Plot of Worst Value

Chain 0

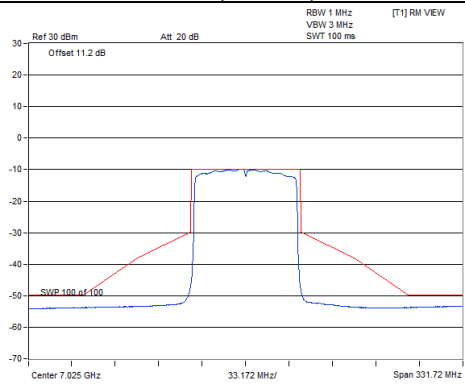
CH183: 6865MHz (U-NII 7)



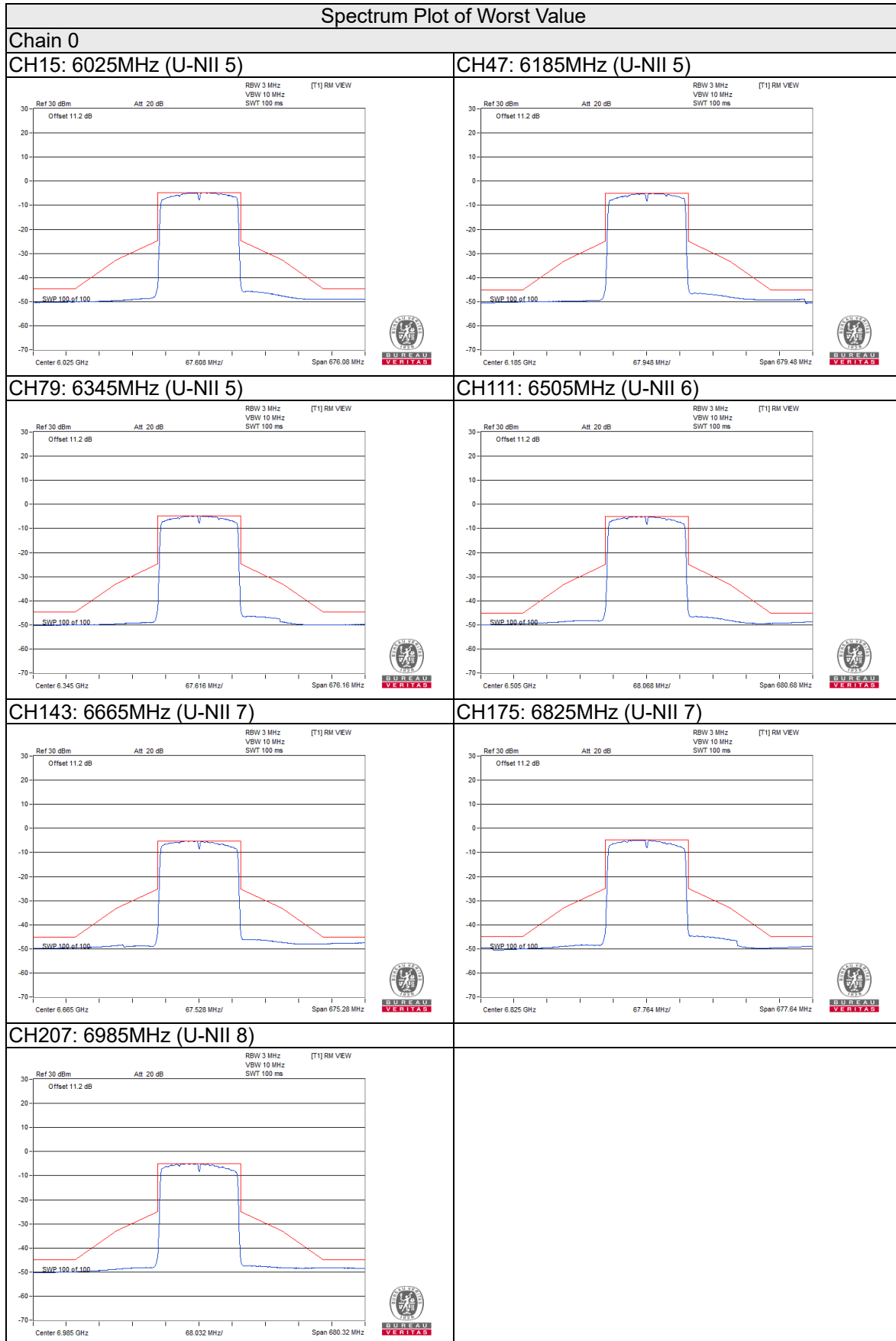
CH199: 6945MHz (U-NII 8)



CH215: 7025MHz (U-NII 8)



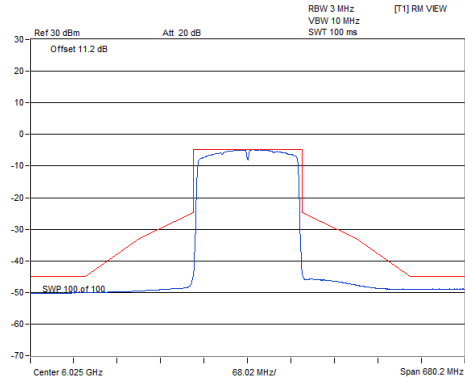
802.11ax (HE160)



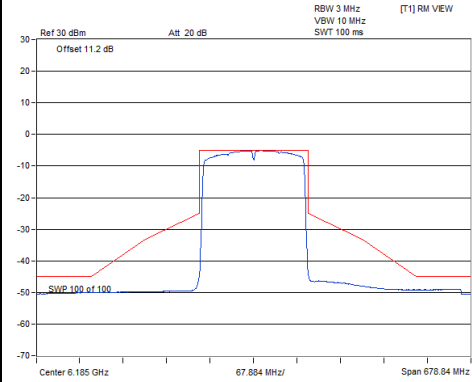
Spectrum Plot of Worst Value

Chain 1

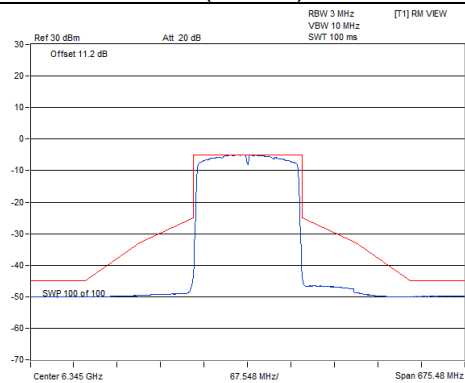
CH15: 6025MHz (U-NII 5)



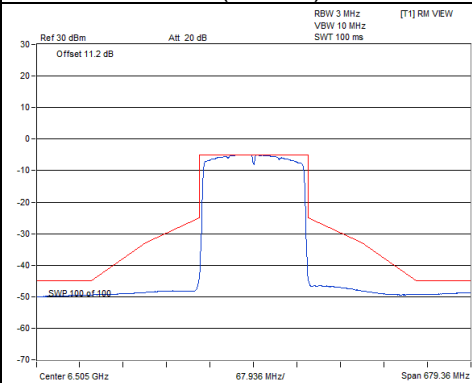
CH47: 6185MHz (U-NII 5)



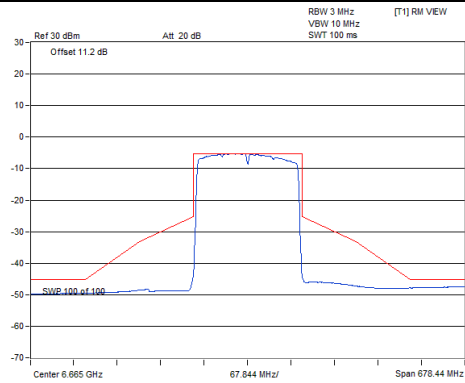
CH79: 6345MHz (U-NII 5)



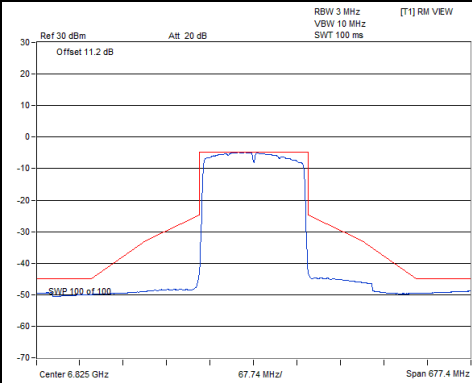
CH111: 6505MHz (U-NII 6)



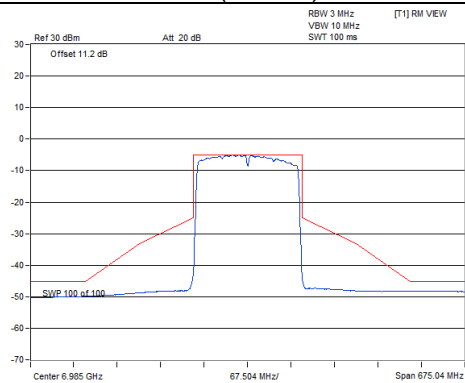
CH143: 6665MHz (U-NII 7)



CH175: 6825MHz (U-NII 7)



CH207: 6985MHz (U-NII 8)



4.3 Conducted Emission Measurement

4.3.1 Limits of Conducted Emission Measurement

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

Note: 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 0.50MHz.

4.3.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver R&S	ESCS 30	847124/029	Oct. 20, 2020	Oct. 19, 2021
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 27, 2020	Oct. 26, 2021
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 19, 2020	Mar. 18, 2021
50 ohms Terminator	50	3	Oct. 26, 2020	Oct. 25, 2021
RF Cable	5D-FB	COCCAB-001	Sep. 26, 2020	Sep. 25, 2021
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 29, 2020	Aug. 28, 2021
Software BVADT	BVADT_Cond_ V7.3.7.4	NA	NA	NA

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

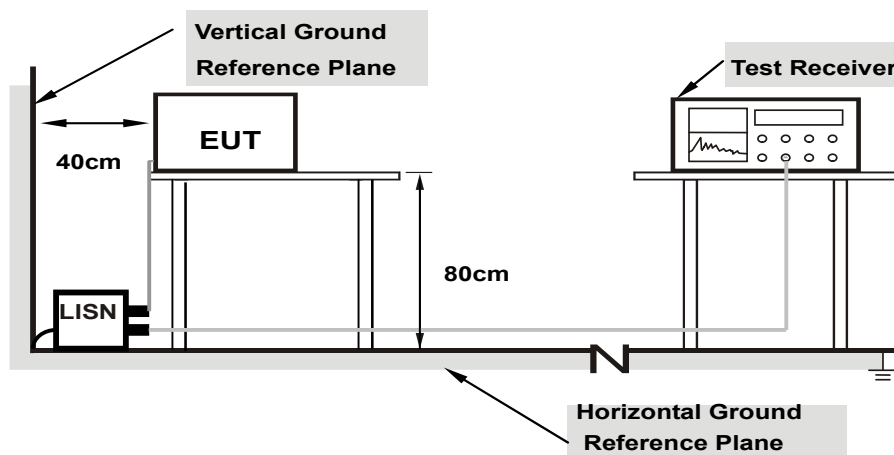
2. The test was performed in Hsinchu Conduction 1. (TAF No.: 2022)

4.3.3 Test Procedure

- The EUT was 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/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: All modes of operation were investigated and the worst-case emissions are reported.

4.3.4 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).

4.3.5 EUT Operating Condition

Same as 4.1.6.

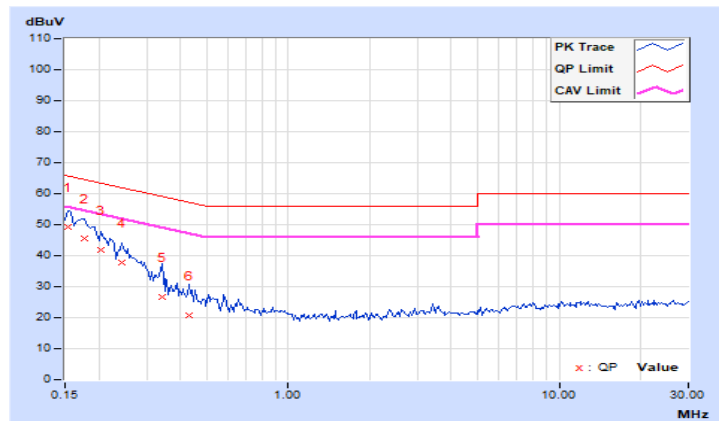
4.3.6 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
-------	----------	-------------------	--------------------------------

No	Freq. [MHz]	Corr.	Reading Value		Emission Level		Limit		Margin	
		Factor (dB)	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.96	39.38	18.07	49.34	28.03	65.79	55.79	-16.45	-27.76
2	0.17734	9.98	35.51	14.79	45.49	24.77	64.61	54.61	-19.12	-29.84
3	0.20469	9.99	31.69	10.93	41.68	20.92	63.42	53.42	-21.74	-32.50
4	0.24375	10.00	27.60	7.37	37.60	17.37	61.97	51.97	-24.37	-34.60
5	0.34141	10.01	16.57	-1.24	26.58	8.77	59.17	49.17	-32.59	-40.40
6	0.43125	10.02	10.58	-4.98	20.60	5.04	57.23	47.23	-36.63	-42.19

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.

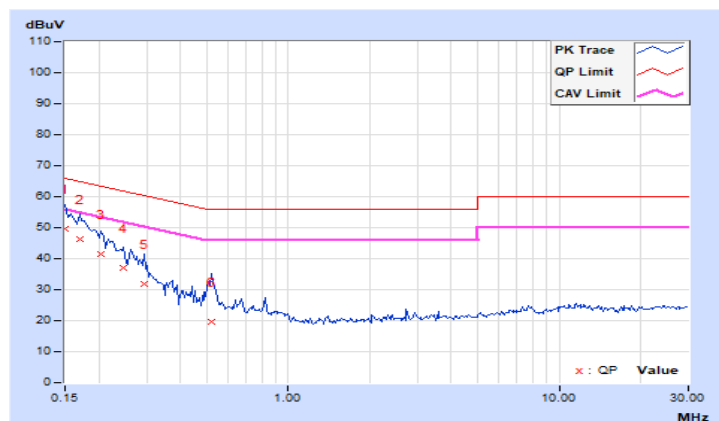


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq.	Corr.	Reading Value		Emission Level		Limit		Margin	
	[MHz]	Factor	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
		(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.94	39.74	18.57	49.68	28.51	66.00	56.00	-16.32	-27.49
2	0.16953	9.96	36.40	15.30	46.36	25.26	64.98	54.98	-18.62	-29.72
3	0.20469	9.98	31.57	11.15	41.55	21.13	63.42	53.42	-21.87	-32.29
4	0.24766	9.99	27.01	7.30	37.00	17.29	61.84	51.84	-24.84	-34.55
5	0.29453	9.99	21.88	3.18	31.87	13.17	60.40	50.40	-28.53	-37.23
6	0.52109	10.02	9.51	0.21	19.53	10.23	56.00	46.00	-36.47	-35.77

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.



4.4 Transmit Power Measurement

4.4.1 Limits of Transmit Power Measurement

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

KDB 662911 D01 v02r01 section F) 2) f)

- (i) If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power measurements 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 $\geq 40\ MHz$ 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 $N_{ANT} \geq 5$.

And the G_{ANT} used will follow KDB 662911 D01 v02r01 section F) 2) f)

- (ii) If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream:

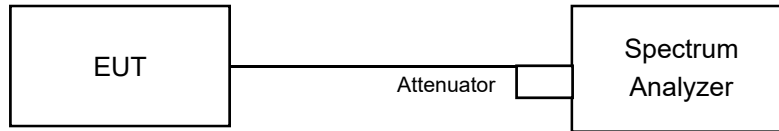
- Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain;

Directional antenna gain calculation: $4.63\text{dBi} + 0 = 4.63\text{ dBi}$ for $N_{ANT} \leq 4$

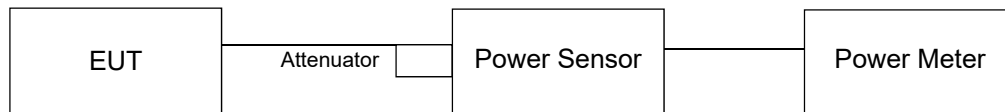
4.4.2 Test Setup

FOR POWER OUTPUT MEASUREMENT

For channel straddling 6525MHz & channel straddling 6875MHz:



For other channels:



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedure

FOR POWER OUTPUT MEASUREMENT

For channel straddling 6525MHz & 6875MHz:

Method SA-2

- a. Set span to encompass the emission bandwidth (EBW) of the signal.
- b. Set RBW = 1MHz.
- c. Set the VBW $\geq 3 \times$ RBW.
- d. Number of points in sweep ≥ 2 Span / RBW.
- e. Sweep time = auto.
- f. Detector = RMS.
- g. Trace average at least 100 traces in power averaging mode
- h. Compute power by integrating the spectrum across the 26 dB EBW of the signal.
- i. Duty factor need added to measured value (duty cycle < 98 percent).

For other channels:

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. Duty factor is not added to measured value.

4.4.5 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.4.6 Test Result

Power Output:

Full RU
2TX

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
1	5955	1.22	-0.49	2.218	3.46	4.63	6.442	8.09	24	Pass
45	6175	1.23	-0.37	2.246	3.51	4.63	6.516	8.14	24	Pass
93	6415	1.42	1.32	2.742	4.38	4.63	7.962	9.01	24	Pass
97	6435	1.11	0.21	2.341	3.69	4.63	6.792	8.32	24	Pass
105	6475	1.44	1.38	2.767	4.42	4.63	8.035	9.05	24	Pass
113	6515	1.31	1.28	2.695	4.31	4.63	7.834	8.94	24	Pass
117	6535	1.31	1.40	2.732	4.36	4.63	7.925	8.99	24	Pass
149	6695	1.21	1.16	2.627	4.19	4.63	7.621	8.82	24	Pass
181	6855	1.47	1.43	2.793	4.46	4.63	8.110	9.09	24	Pass
185	6875	1.02	1.22	2.589	4.13	4.63	7.516	8.76	24	Pass
209	6995	1.14	0.71	2.478	3.94	4.63	7.194	8.57	24	Pass
233	7115	1.20	0.90	2.549	4.06	4.63	7.396	8.69	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
1	5955	1.28	-0.49	2.236	3.49	4.63	6.486	8.12	24	Pass
45	6175	1.25	-0.30	2.267	3.55	4.63	6.577	8.18	24	Pass
93	6415	1.26	0.95	2.581	4.12	4.63	7.499	8.75	24	Pass
97	6435	1.52	0.34	2.500	3.98	4.63	7.261	8.61	24	Pass
105	6475	0.61	0.71	2.328	3.67	4.63	6.761	8.30	24	Pass
113	6515	1.54	0.93	2.664	4.26	4.63	7.745	8.89	24	Pass
117	6535	1.05	0.41	2.373	3.75	4.63	6.887	8.38	24	Pass
149	6695	1.53	1.63	2.878	4.59	4.63	8.356	9.22	24	Pass
181	6855	1.41	1.42	2.770	4.42	4.63	8.035	9.05	24	Pass
185	6875	1.42	1.65	2.849	4.55	4.63	8.279	9.18	24	Pass
209	6995	1.43	1.25	2.723	4.35	4.63	7.907	8.98	24	Pass
233	7115	1.32	0.91	2.588	4.13	4.63	7.516	8.76	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
3	5965	3.70	3.62	4.646	6.67	4.63	13.490	11.30	24	Pass
43	6165	4.42	3.59	5.053	7.04	4.63	14.689	11.67	24	Pass
91	6405	4.41	3.92	5.227	7.18	4.63	15.171	11.81	24	Pass
99	6445	5.21	4.50	6.137	7.88	4.63	17.824	12.51	24	Pass
107	6485	4.82	3.95	5.517	7.42	4.63	16.032	12.05	24	Pass
115	6525	4.83	4.24	5.695	7.55	4.63	16.520	12.18	24	Pass
123	6565	5.01	3.91	5.630	7.51	4.63	16.368	12.14	24	Pass
155	6725	4.51	4.35	5.548	7.44	4.63	16.106	12.07	24	Pass
179	6845	4.91	4.92	6.202	7.93	4.63	18.030	12.56	24	Pass
187	6885	5.52	5.32	6.969	8.43	4.63	20.230	13.06	24	Pass
211	7005	4.70	4.94	6.070	7.83	4.63	17.620	12.46	24	Pass
227	7085	5.63	5.80	7.458	8.73	4.63	21.677	13.36	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
1	5955	1.35	-0.46	2.264	3.55	4.63	6.577	8.18	24	Pass
45	6175	1.32	-0.26	2.297	3.61	4.63	6.668	8.24	24	Pass
93	6415	1.38	1.09	2.659	4.25	4.63	7.727	8.88	24	Pass
97	6435	1.62	0.44	2.559	4.08	4.63	7.430	8.71	24	Pass
105	6475	0.72	0.82	2.388	3.78	4.63	6.934	8.41	24	Pass
113	6515	1.63	1.03	2.723	4.35	4.63	7.907	8.98	24	Pass
117	6535	1.19	0.54	2.448	3.89	4.63	7.112	8.52	24	Pass
149	6695	1.62	1.72	2.938	4.68	4.63	8.531	9.31	24	Pass
181	6855	1.50	1.59	2.855	4.56	4.63	8.299	9.19	24	Pass
185	6875	1.51	1.72	2.902	4.63	4.63	8.433	9.26	24	Pass
209	6995	1.53	1.35	2.787	4.45	4.63	8.091	9.08	24	Pass
233	7115	1.40	1.06	2.657	4.24	4.63	7.709	8.87	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
3	5965	3.84	3.75	4.792	6.81	4.63	13.932	11.44	24	Pass
43	6165	4.56	3.70	5.202	7.16	4.63	15.101	11.79	24	Pass
91	6405	4.82	4.01	5.552	7.44	4.63	16.106	12.07	24	Pass
99	6445	5.31	4.62	6.294	7.99	4.63	18.281	12.62	24	Pass
107	6485	4.95	4.03	5.655	7.52	4.63	16.406	12.15	24	Pass
115	6525	4.96	4.32	5.837	7.66	4.63	16.943	12.29	24	Pass
123	6565	5.11	4.05	5.784	7.62	4.63	16.788	12.25	24	Pass
155	6725	4.63	4.45	5.690	7.55	4.63	16.520	12.18	24	Pass
179	6845	5.05	5.01	6.368	8.04	4.63	18.493	12.67	24	Pass
187	6885	5.62	5.49	7.188	8.57	4.63	20.893	13.20	24	Pass
211	7005	4.81	5.09	6.255	7.96	4.63	18.155	12.59	24	Pass
227	7085	5.72	5.90	7.623	8.82	4.63	22.131	13.45	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
7	5985	7.68	7.01	10.885	10.37	4.63	31.623	15.00	24	Pass
39	6145	7.72	6.99	10.916	10.38	4.63	31.696	15.01	24	Pass
87	6385	7.73	7.35	11.362	10.55	4.63	32.961	15.18	24	Pass
103	6465	8.35	8.03	13.192	11.20	4.63	38.282	15.83	24	Pass
119	6545	8.24	7.52	12.317	10.91	4.63	35.810	15.54	24	Pass
151	6705	8.36	7.95	13.092	11.17	4.63	38.019	15.80	24	Pass
183	6865	8.36	8.02	13.194	11.20	4.63	38.282	15.83	24	Pass
199	6945	8.35	8.11	13.311	11.24	4.63	38.637	15.87	24	Pass
215	7025	8.29	7.78	12.743	11.05	4.63	36.983	15.68	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ac (VHT160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	11.90	11.42	29.356	14.68	4.63	85.310	19.31	24	Pass
47	6185	11.15	11.03	25.708	14.10	4.63	74.645	18.73	24	Pass
79	6345	11.50	11.35	27.771	14.44	4.63	80.724	19.07	24	Pass
111	6505	11.46	11.48	28.056	14.48	4.63	81.470	19.11	24	Pass
143	6665	11.32	11.16	26.614	14.25	4.63	77.268	18.88	24	Pass
175	6825	11.52	11.02	26.838	14.29	4.63	77.983	18.92	24	Pass
207	6985	11.54	11.47	28.284	14.52	4.63	82.224	19.15	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
1	5955	1.45	-0.44	2.300	3.62	4.63	6.683	8.25	24	Pass
45	6175	1.42	-0.24	2.333	3.68	4.63	6.776	8.31	24	Pass
93	6415	1.45	1.05	2.670	4.27	4.63	7.762	8.90	24	Pass
97	6435	1.71	0.46	2.594	4.14	4.63	7.534	8.77	24	Pass
105	6475	0.81	0.86	2.424	3.85	4.63	7.047	8.48	24	Pass
113	6515	1.72	1.13	2.783	4.45	4.63	8.091	9.08	24	Pass
117	6535	1.39	0.63	2.533	4.04	4.63	7.362	8.67	24	Pass
149	6695	1.71	1.80	2.996	4.77	4.63	8.710	9.40	24	Pass
181	6855	1.59	1.67	2.911	4.64	4.63	8.453	9.27	24	Pass
185	6875	1.60	1.88	2.987	4.75	4.63	8.670	9.38	24	Pass
209	6995	1.62	1.40	2.832	4.52	4.63	8.222	9.15	24	Pass
233	7115	1.46	1.19	2.715	4.34	4.63	7.889	8.97	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
3	5965	3.94	3.79	4.871	6.88	4.63	14.158	11.51	24	Pass
43	6165	4.79	3.79	5.406	7.33	4.63	15.704	11.96	24	Pass
91	6405	4.98	4.13	5.736	7.59	4.63	16.672	12.22	24	Pass
99	6445	5.41	4.71	6.433	8.08	4.63	18.664	12.71	24	Pass
107	6485	5.01	4.26	5.836	7.66	4.63	16.943	12.29	24	Pass
115	6525	5.03	4.43	5.958	7.75	4.63	17.298	12.38	24	Pass
123	6565	5.18	4.26	5.963	7.75	4.63	17.298	12.38	24	Pass
155	6725	4.73	4.66	5.896	7.71	4.63	17.140	12.34	24	Pass
179	6845	5.27	5.21	6.684	8.25	4.63	19.409	12.88	24	Pass
187	6885	5.72	5.62	7.380	8.68	4.63	21.429	13.31	24	Pass
211	7005	4.94	5.29	6.500	8.13	4.63	18.880	12.76	24	Pass
227	7085	5.87	5.98	7.826	8.94	4.63	22.751	13.57	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
7	5985	7.89	7.19	11.388	10.56	4.63	33.037	15.19	24	Pass
39	6145	7.81	7.12	11.192	10.49	4.63	32.509	15.12	24	Pass
87	6385	7.88	7.51	11.774	10.71	4.63	34.198	15.34	24	Pass
103	6465	8.47	8.12	13.517	11.31	4.63	39.264	15.94	24	Pass
119	6545	8.39	7.60	12.657	11.02	4.63	36.728	15.65	24	Pass
151	6705	8.45	8.08	13.425	11.28	4.63	38.994	15.91	24	Pass
183	6865	8.43	8.33	13.774	11.39	4.63	39.994	16.02	24	Pass
199	6945	8.43	8.33	13.774	11.39	4.63	39.994	16.02	24	Pass
215	7025	8.45	7.88	13.136	11.18	4.63	38.107	15.81	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	12.04	11.54	30.252	14.81	4.63	87.902	19.44	24	Pass
47	6185	11.37	11.10	26.591	14.25	4.63	77.268	18.88	24	Pass
79	6345	11.61	11.42	28.355	14.53	4.63	82.414	19.16	24	Pass
111	6505	11.59	11.54	28.677	14.58	4.63	83.368	19.21	24	Pass
143	6665	11.40	11.30	27.293	14.36	4.63	79.250	18.99	24	Pass
175	6825	11.61	11.19	27.640	14.42	4.63	80.353	19.05	24	Pass
207	6985	11.66	11.58	29.043	14.63	4.63	84.333	19.26	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

1TX
802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	3.28	2.128	4.63	6.180	7.91	24	Pass
45	6175	3.34	2.158	4.63	6.266	7.97	24	Pass
93	6415	3.98	2.500	4.63	7.261	8.61	24	Pass
97	6435	3.64	2.312	4.63	6.714	8.27	24	Pass
105	6475	4.05	2.541	4.63	7.379	8.68	24	Pass
113	6515	3.89	2.449	4.63	7.112	8.52	24	Pass
117	6535	3.88	2.443	4.63	7.096	8.51	24	Pass
149	6695	3.82	2.410	4.63	6.998	8.45	24	Pass
181	6855	4.02	2.523	4.63	7.328	8.65	24	Pass
185	6875	4.05	2.541	4.63	7.379	8.68	24	Pass
209	6995	3.73	2.360	4.63	6.855	8.36	24	Pass
233	7115	3.79	2.393	4.63	6.950	8.42	24	Pass

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	3.34	2.158	4.63	6.266	7.97	24	Pass
45	6175	3.32	2.148	4.63	6.237	7.95	24	Pass
93	6415	3.20	2.089	4.63	6.067	7.83	24	Pass
97	6435	3.61	2.296	4.63	6.668	8.24	24	Pass
105	6475	3.25	2.113	4.63	6.138	7.88	24	Pass
113	6515	4.11	2.576	4.63	7.482	8.74	24	Pass
117	6535	3.63	2.307	4.63	6.699	8.26	24	Pass
149	6695	4.10	2.570	4.63	7.464	8.73	24	Pass
181	6855	4.08	2.559	4.63	7.430	8.71	24	Pass
185	6875	4.42	2.767	4.63	8.035	9.05	24	Pass
209	6995	4.00	2.512	4.63	7.295	8.63	24	Pass
233	7115	3.83	2.415	4.63	7.015	8.46	24	Pass

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	6.35	4.315	4.63	12.531	10.98	24	Pass
43	6165	7.00	5.012	4.63	14.555	11.63	24	Pass
91	6405	7.25	5.309	4.63	15.417	11.88	24	Pass
99	6445	7.77	5.984	4.63	17.378	12.40	24	Pass
107	6485	7.31	5.383	4.63	15.631	11.94	24	Pass
115	6525	7.36	5.445	4.63	15.812	11.99	24	Pass
123	6565	7.09	5.117	4.63	14.859	11.72	24	Pass
155	6725	7.11	5.140	4.63	14.928	11.74	24	Pass
179	6845	7.52	5.649	4.63	16.406	12.15	24	Pass
187	6885	8.05	6.383	4.63	18.535	12.68	24	Pass
211	7005	7.73	5.929	4.63	17.219	12.36	24	Pass
227	7085	8.67	7.362	4.63	21.380	13.30	24	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	3.41	2.193	4.63	6.368	8.04	24	Pass
45	6175	3.43	2.203	4.63	6.397	8.06	24	Pass
93	6415	3.94	2.477	4.63	7.194	8.57	24	Pass
97	6435	3.72	2.355	4.63	6.839	8.35	24	Pass
105	6475	3.34	2.158	4.63	6.266	7.97	24	Pass
113	6515	4.22	2.642	4.63	7.674	8.85	24	Pass
117	6535	3.72	2.355	4.63	6.839	8.35	24	Pass
149	6695	4.19	2.624	4.63	7.621	8.82	24	Pass
181	6855	4.11	2.576	4.63	7.482	8.74	24	Pass
185	6875	4.50	2.818	4.63	8.185	9.13	24	Pass
209	6995	4.08	2.559	4.63	7.430	8.71	24	Pass
233	7115	3.94	2.477	4.63	7.194	8.57	24	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	6.43	4.395	4.63	12.764	11.06	24	Pass
43	6165	6.78	4.764	4.63	13.836	11.41	24	Pass
91	6405	7.34	5.420	4.63	15.740	11.97	24	Pass
99	6445	7.85	6.095	4.63	17.701	12.48	24	Pass
107	6485	7.46	5.572	4.63	16.181	12.09	24	Pass
115	6525	7.43	5.534	4.63	16.069	12.06	24	Pass
123	6565	7.19	5.236	4.63	15.205	11.82	24	Pass
155	6725	7.18	5.224	4.63	15.171	11.81	24	Pass
179	6845	7.57	5.715	4.63	16.596	12.20	24	Pass
187	6885	8.14	6.516	4.63	18.923	12.77	24	Pass
211	7005	7.83	6.067	4.63	17.620	12.46	24	Pass
227	7085	8.32	6.792	4.63	19.724	12.95	24	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	10.21	10.495	4.63	30.479	14.84	24	Pass
39	6145	10.23	10.544	4.63	30.620	14.86	24	Pass
87	6385	10.24	10.568	4.63	30.690	14.87	24	Pass
103	6465	10.91	12.331	4.63	35.810	15.54	24	Pass
119	6545	10.78	11.967	4.63	34.754	15.41	24	Pass
151	6705	10.88	12.246	4.63	35.563	15.51	24	Pass
183	6865	10.91	12.331	4.63	35.810	15.54	24	Pass
199	6945	10.86	12.190	4.63	35.400	15.49	24	Pass
215	7025	10.82	12.078	4.63	35.075	15.45	24	Pass

802.11ac (VHT160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	14.47	27.990	4.63	81.283	19.10	24	Pass
47	6185	14.35	27.227	4.63	79.068	18.98	24	Pass
79	6345	14.12	25.823	4.63	74.989	18.75	24	Pass
111	6505	14.33	27.102	4.63	78.705	18.96	24	Pass
143	6665	14.24	26.546	4.63	77.090	18.87	24	Pass
175	6825	14.22	26.424	4.63	76.736	18.85	24	Pass
207	6985	14.36	27.290	4.63	79.250	18.99	24	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	3.47	2.223	4.63	6.457	8.10	24	Pass
45	6175	3.44	2.208	4.63	6.412	8.07	24	Pass
93	6415	3.97	2.495	4.63	7.244	8.60	24	Pass
97	6435	3.78	2.388	4.63	6.934	8.41	24	Pass
105	6475	3.45	2.213	4.63	6.427	8.08	24	Pass
113	6515	4.26	2.667	4.63	7.745	8.89	24	Pass
117	6535	3.91	2.460	4.63	7.145	8.54	24	Pass
149	6695	4.27	2.673	4.63	7.762	8.90	24	Pass
181	6855	4.15	2.600	4.63	7.551	8.78	24	Pass
185	6875	4.62	2.897	4.63	8.414	9.25	24	Pass
209	6995	4.18	2.618	4.63	7.603	8.81	24	Pass
233	7115	4.01	2.518	4.63	7.311	8.64	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	6.68	4.656	4.63	13.521	11.31	24	Pass
43	6165	6.81	4.797	4.63	13.932	11.44	24	Pass
91	6405	7.43	5.534	4.63	16.069	12.06	24	Pass
99	6445	7.88	6.138	4.63	17.824	12.51	24	Pass
107	6485	7.52	5.649	4.63	16.406	12.15	24	Pass
115	6525	7.55	5.689	4.63	16.520	12.18	24	Pass
123	6565	7.26	5.321	4.63	15.453	11.89	24	Pass
155	6725	7.29	5.358	4.63	15.560	11.92	24	Pass
179	6845	7.81	6.039	4.63	17.539	12.44	24	Pass
187	6885	8.34	6.823	4.63	19.815	12.97	24	Pass
211	7005	7.96	6.252	4.63	18.155	12.59	24	Pass
227	7085	8.41	6.934	4.63	20.137	13.04	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	10.42	11.015	4.63	31.989	15.05	24	Pass
39	6145	10.35	10.839	4.63	31.477	14.98	24	Pass
87	6385	10.43	11.041	4.63	32.063	15.06	24	Pass
103	6465	11.00	12.589	4.63	36.559	15.63	24	Pass
119	6545	10.93	12.388	4.63	35.975	15.56	24	Pass
151	6705	10.98	12.531	4.63	36.392	15.61	24	Pass
183	6865	10.96	12.474	4.63	36.224	15.59	24	Pass
199	6945	10.99	12.560	4.63	36.475	15.62	24	Pass
215	7025	10.92	12.359	4.63	35.892	15.55	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	14.50	28.184	4.63	81.846	19.13	24	Pass
47	6185	14.42	27.669	4.63	80.353	19.05	24	Pass
79	6345	14.47	27.990	4.63	81.283	19.10	24	Pass
111	6505	14.43	27.733	4.63	80.538	19.06	24	Pass
143	6665	14.35	27.227	4.63	79.068	18.98	24	Pass
175	6825	14.46	27.925	4.63	81.096	19.09	24	Pass
207	6985	14.48	28.054	4.63	81.470	19.11	24	Pass

Partial RU

2TX

RU26

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
1	5955	-8.48	-9.44	0.256	-5.92	4.63	0.743	-1.29	24	Pass
45	6175	-8.81	-9.77	0.237	-6.25	4.63	0.689	-1.62	24	Pass
93	6415	-8.93	-9.34	0.244	-6.12	4.63	0.710	-1.49	24	Pass
97	6435	-7.89	-8.75	0.296	-5.29	4.63	0.859	-0.66	24	Pass
105	6475	-8.60	-9.24	0.257	-5.90	4.63	0.746	-1.27	24	Pass
113	6515	-9.18	-9.74	0.227	-6.44	4.63	0.659	-1.81	24	Pass
117	6535	-8.80	-9.68	0.240	-6.21	4.63	0.695	-1.58	24	Pass
149	6695	-8.57	-7.82	0.304	-5.17	4.63	0.883	-0.54	24	Pass
181	6855	-9.12	-8.59	0.261	-5.84	4.63	0.757	-1.21	24	Pass
185	6875	-8.71	-8.15	0.288	-5.41	4.63	0.836	-0.78	24	Pass
209	6995	-7.61	-8.48	0.315	-5.01	4.63	0.916	-0.38	24	Pass
233	7115	-8.98	-7.58	0.301	-5.21	4.63	0.875	-0.58	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
3	5965	-7.07	-8.49	0.338	-4.71	4.63	0.982	-0.08	24	Pass
43	6165	-7.48	-7.88	0.342	-4.66	4.63	0.993	-0.03	24	Pass
91	6405	-8.03	-9.11	0.280	-5.53	4.63	0.813	-0.90	24	Pass
99	6445	-7.37	-7.85	0.347	-4.59	4.63	1.009	0.04	24	Pass
107	6485	-7.48	-8.08	0.334	-4.76	4.63	0.971	-0.13	24	Pass
115	6525	-7.11	-8.12	0.349	-4.58	4.63	1.012	0.05	24	Pass
123	6565	-8.17	-8.87	0.282	-5.5	4.63	0.818	-0.87	24	Pass
155	6725	-8.25	-7.89	0.312	-5.06	4.63	0.906	-0.43	24	Pass
179	6845	-7.74	-7.65	0.340	-4.68	4.63	0.989	-0.05	24	Pass
187	6885	-8.05	-8.25	0.306	-5.14	4.63	0.889	-0.51	24	Pass
211	7005	-8.27	-8.11	0.304	-5.18	4.63	0.881	-0.55	24	Pass
227	7085	-8.30	-7.29	0.335	-4.76	4.63	0.971	-0.13	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
7	5985	-8.63	-7.52	0.314	-5.03	4.63	0.912	-0.40	24	Pass
39	6145	-8.13	-8.47	0.296	-5.29	4.63	0.859	-0.66	24	Pass
87	6385	-8.08	-8.60	0.294	-5.32	4.63	0.853	-0.69	24	Pass
103	6465	-7.65	-8.39	0.317	-4.99	4.63	0.920	-0.36	24	Pass
119	6545	-7.64	-7.92	0.334	-4.77	4.63	0.968	-0.14	24	Pass
151	6705	-8.46	-7.75	0.310	-5.08	4.63	0.902	-0.45	24	Pass
183	6865	-8.47	-8.68	0.278	-5.56	4.63	0.807	-0.93	24	Pass
199	6945	-8.46	-8.68	0.278	-5.56	4.63	0.807	-0.93	24	Pass
215	7025	-8.33	-8.05	0.304	-5.18	4.63	0.881	-0.55	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	-7.42	-7.89	0.344	-4.64	4.63	0.998	-0.01	24	Pass
47	6185	-7.03	-7.38	0.381	-4.19	4.63	1.107	0.44	24	Pass
79	6345	-7.45	-7.68	0.351	-4.55	4.63	1.019	0.08	24	Pass
111	6505	-7.53	-7.78	0.343	-4.64	4.63	0.998	-0.01	24	Pass
143	6665	-7.55	-7.79	0.342	-4.66	4.63	0.993	-0.03	24	Pass
175	6825	-7.29	-7.51	0.364	-4.39	4.63	1.057	0.24	24	Pass
207	6985	-7.86	-8.05	0.320	-4.94	4.63	0.931	-0.31	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

RU52

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
1	5955	-4.41	-6.65	0.579	-2.38	4.63	1.679	2.25	24	Pass
45	6175	-4.74	-4.92	0.658	-1.82	4.63	1.910	2.81	24	Pass
93	6415	-4.82	-4.99	0.647	-1.89	4.63	1.879	2.74	24	Pass
97	6435	-4.51	-4.78	0.687	-1.63	4.63	1.995	3.00	24	Pass
105	6475	-4.48	-4.71	0.695	-1.58	4.63	2.018	3.05	24	Pass
113	6515	-4.93	-5.12	0.629	-2.01	4.63	1.828	2.62	24	Pass
117	6535	-4.65	-4.89	0.667	-1.76	4.63	1.936	2.87	24	Pass
149	6695	-4.50	-4.75	0.690	-1.61	4.63	2.004	3.02	24	Pass
181	6855	-5.03	-5.14	0.620	-2.07	4.63	1.803	2.56	24	Pass
185	6875	-5.19	-5.35	0.594	-2.26	4.63	1.726	2.37	24	Pass
209	6995	-4.50	-4.75	0.690	-1.61	4.63	2.004	3.02	24	Pass
233	7115	-4.78	-4.89	0.657	-1.82	4.63	1.910	2.81	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
3	5965	-4.38	-4.62	0.710	-1.49	4.63	2.061	3.14	24	Pass
43	6165	-5.07	-5.24	0.610	-2.14	4.63	1.774	2.49	24	Pass
91	6405	-4.64	-4.82	0.673	-1.72	4.63	1.954	2.91	24	Pass
99	6445	-4.80	-4.95	0.651	-1.86	4.63	1.892	2.77	24	Pass
107	6485	-4.87	-4.98	0.644	-1.91	4.63	1.871	2.72	24	Pass
115	6525	-4.68	-4.82	0.670	-1.74	4.63	1.945	2.89	24	Pass
123	6565	-4.45	-4.69	0.699	-1.56	4.63	2.028	3.07	24	Pass
155	6725	-4.83	-4.98	0.647	-1.89	4.63	1.879	2.74	24	Pass
179	6845	-4.87	-4.97	0.644	-1.91	4.63	1.871	2.72	24	Pass
187	6885	-4.68	-4.89	0.665	-1.77	4.63	1.932	2.86	24	Pass
211	7005	-4.58	-4.78	0.681	-1.67	4.63	1.977	2.96	24	Pass
227	7085	-5.11	-5.26	0.606	-2.17	4.63	1.762	2.46	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
7	5985	-4.72	-4.92	0.659	-1.81	4.63	1.914	2.82	24	Pass
39	6145	-4.91	-5.09	0.633	-1.99	4.63	1.837	2.64	24	Pass
87	6385	-4.35	-4.58	0.716	-1.45	4.63	2.080	3.18	24	Pass
103	6465	-4.70	-4.92	0.661	-1.80	4.63	1.919	2.83	24	Pass
119	6545	-4.25	-4.48	0.732	-1.35	4.63	2.128	3.28	24	Pass
151	6705	-5.12	-5.39	0.597	-2.24	4.63	1.734	2.39	24	Pass
183	6865	-4.63	-4.89	0.669	-1.75	4.63	1.941	2.88	24	Pass
199	6945	-5.01	-5.19	0.618	-2.09	4.63	1.795	2.54	24	Pass
215	7025	-4.98	-5.12	0.625	-2.04	4.63	1.816	2.59	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	-5.18	-5.32	0.597	-2.24	4.63	1.734	2.39	24	Pass
47	6185	-5.24	-5.46	0.584	-2.34	4.63	1.694	2.29	24	Pass
79	6345	-5.60	-5.82	0.537	-2.70	4.63	1.560	1.93	24	Pass
111	6505	-4.68	-4.82	0.670	-1.74	4.63	1.945	2.89	24	Pass
143	6665	-4.83	-4.98	0.647	-1.89	4.63	1.879	2.74	24	Pass
175	6825	-4.85	-4.98	0.645	-1.90	4.63	1.875	2.73	24	Pass
207	6985	-4.85	-5.06	0.639	-1.94	4.63	1.858	2.69	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

RU106

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
1	5955	-1.92	-2.14	1.254	0.98	4.63	3.639	5.61	24	Pass
45	6175	-1.61	-1.85	1.343	1.28	4.63	3.899	5.91	24	Pass
93	6415	-1.67	-1.85	1.334	1.25	4.63	3.873	5.88	24	Pass
97	6435	-1.80	-2.01	1.290	1.11	4.63	3.750	5.74	24	Pass
105	6475	-1.88	-1.98	1.283	1.08	4.63	3.724	5.71	24	Pass
113	6515	-1.79	-1.95	1.301	1.14	4.63	3.776	5.77	24	Pass
117	6535	-1.53	-1.76	1.370	1.37	4.63	3.981	6.00	24	Pass
149	6695	-1.91	-2.05	1.268	1.03	4.63	3.681	5.66	24	Pass
181	6855	-1.64	-1.85	1.339	1.27	4.63	3.890	5.90	24	Pass
185	6875	-1.88	-2.03	1.275	1.06	4.63	3.707	5.69	24	Pass
209	6995	-1.86	-1.99	1.284	1.09	4.63	3.733	5.72	24	Pass
233	7115	-1.64	-1.89	1.333	1.25	4.63	3.873	5.88	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
3	5965	-1.88	-2.06	1.271	1.04	4.63	3.690	5.67	24	Pass
43	6165	-1.82	-2.11	1.273	1.05	4.63	3.698	5.68	24	Pass
91	6405	-1.62	-1.85	1.342	1.28	4.63	3.899	5.91	24	Pass
99	6445	-1.89	-1.98	1.281	1.08	4.63	3.724	5.71	24	Pass
107	6485	-1.85	-1.92	1.296	1.13	4.63	3.767	5.76	24	Pass
115	6525	-1.19	-1.38	1.488	1.73	4.63	4.325	6.36	24	Pass
123	6565	-1.83	-2.10	1.273	1.05	4.63	3.698	5.68	24	Pass
155	6725	-1.82	-2.05	1.281	1.08	4.63	3.724	5.71	24	Pass
179	6845	-1.56	-1.75	1.367	1.36	4.63	3.972	5.99	24	Pass
187	6885	-1.96	-2.13	1.249	0.97	4.63	3.631	5.60	24	Pass
211	7005	-2.09	-2.18	1.223	0.88	4.63	3.556	5.51	24	Pass
227	7085	-1.66	-1.85	1.336	1.26	4.63	3.882	5.89	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
7	5985	-1.56	-1.74	1.368	1.36	4.63	3.972	5.99	24	Pass
39	6145	-2.07	-2.21	1.222	0.87	4.63	3.548	5.50	24	Pass
87	6385	-1.81	-1.98	1.293	1.12	4.63	3.758	5.75	24	Pass
103	6465	-1.75	-1.93	1.310	1.17	4.63	3.802	5.80	24	Pass
119	6545	-1.99	-2.11	1.248	0.96	4.63	3.622	5.59	24	Pass
151	6705	-1.76	-1.95	1.305	1.16	4.63	3.793	5.79	24	Pass
183	6865	-1.43	-1.68	1.399	1.46	4.63	4.064	6.09	24	Pass
199	6945	-1.86	-1.98	1.286	1.09	4.63	3.733	5.72	24	Pass
215	7025	-1.96	-2.15	1.246	0.96	4.63	3.622	5.59	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	0.42	0.24	2.158	3.34	4.63	6.266	7.97	24	Pass
47	6185	-1.30	-1.52	1.446	1.60	4.63	4.198	6.23	24	Pass
79	6345	-1.59	-1.75	1.362	1.34	4.63	3.954	5.97	24	Pass
111	6505	-1.50	-1.73	1.379	1.40	4.63	4.009	6.03	24	Pass
143	6665	-1.90	-2.05	1.269	1.04	4.63	3.690	5.67	24	Pass
175	6825	-1.94	-2.06	1.262	1.01	4.63	3.664	5.64	24	Pass
207	6985	-1.48	-1.68	1.390	1.43	4.63	4.036	6.06	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

RU242

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
1	5955	0.81	0.35	2.289	3.60	4.63	6.653	8.23	24	Pass
45	6175	0.68	0.35	2.253	3.53	4.63	6.546	8.16	24	Pass
93	6415	0.86	0.61	2.370	3.75	4.63	6.887	8.38	24	Pass
97	6435	0.79	0.58	2.342	3.70	4.63	6.808	8.33	24	Pass
105	6475	0.68	0.45	2.279	3.58	4.63	6.622	8.21	24	Pass
113	6515	0.78	0.56	2.334	3.68	4.63	6.776	8.31	24	Pass
117	6535	1.15	0.98	2.556	4.08	4.63	7.430	8.71	24	Pass
149	6695	1.23	1.02	2.592	4.14	4.63	7.534	8.77	24	Pass
181	6855	1.01	0.89	2.489	3.96	4.63	7.228	8.59	24	Pass
185	6875	0.64	0.45	2.268	3.56	4.63	6.592	8.19	24	Pass
209	6995	1.01	0.89	2.489	3.96	4.63	7.228	8.59	24	Pass
233	7115	1.02	0.85	2.481	3.95	4.63	7.211	8.58	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
3	5965	2.07	1.87	3.149	4.98	4.63	9.141	9.61	24	Pass
43	6165	3.31	3.10	4.185	6.22	4.63	12.162	10.85	24	Pass
91	6405	2.67	2.45	3.607	5.57	4.63	10.471	10.20	24	Pass
99	6445	2.80	2.63	3.738	5.73	4.63	10.864	10.36	24	Pass
107	6485	2.88	2.63	3.773	5.77	4.63	10.965	10.40	24	Pass
115	6525	3.15	2.95	4.038	6.06	4.63	11.722	10.69	24	Pass
123	6565	2.99	2.78	3.887	5.90	4.63	11.298	10.53	24	Pass
155	6725	2.84	2.62	3.751	5.74	4.63	10.889	10.37	24	Pass
179	6845	3.08	2.92	3.991	6.01	4.63	11.588	10.64	24	Pass
187	6885	2.93	2.79	3.864	5.87	4.63	11.220	10.50	24	Pass
211	7005	2.49	2.28	3.465	5.40	4.63	10.069	10.03	24	Pass
227	7085	2.66	2.42	3.591	5.55	4.63	10.423	10.18	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
7	5985	2.10	1.89	3.167	5.01	4.63	9.204	9.64	24	Pass
39	6145	3.14	2.85	3.988	6.01	4.63	11.588	10.64	24	Pass
87	6385	3.03	2.89	3.954	5.97	4.63	11.482	10.60	24	Pass
103	6465	2.95	2.73	3.847	5.85	4.63	11.169	10.48	24	Pass
119	6545	2.78	2.54	3.691	5.67	4.63	10.715	10.30	24	Pass
151	6705	2.72	2.57	3.678	5.66	4.63	10.691	10.29	24	Pass
183	6865	2.75	2.61	3.708	5.69	4.63	10.765	10.32	24	Pass
199	6945	2.97	2.75	3.865	5.87	4.63	11.220	10.50	24	Pass
215	7025	3.06	2.87	3.959	5.98	4.63	11.508	10.61	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	3.01	2.89	3.945	5.96	4.63	11.455	10.59	24	Pass
47	6185	2.99	2.78	3.887	5.90	4.63	11.298	10.53	24	Pass
79	6345	3.19	2.85	4.012	6.03	4.63	11.641	10.66	24	Pass
111	6505	2.85	2.72	3.798	5.80	4.63	11.041	10.43	24	Pass
143	6665	2.95	2.81	3.882	5.89	4.63	11.272	10.52	24	Pass
175	6825	2.85	2.73	3.803	5.80	4.63	11.041	10.43	24	Pass
207	6985	2.97	2.75	3.865	5.87	4.63	11.220	10.50	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

RU484

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
3	5965	4.15	3.42	4.798	6.81	4.63	13.932	11.44	24	Pass
43	6165	4.15	4.08	5.159	7.13	4.63	14.997	11.76	24	Pass
91	6405	4.72	4.11	5.541	7.44	4.63	16.106	12.07	24	Pass
99	6445	5.06	4.89	6.289	7.99	4.63	18.281	12.62	24	Pass
107	6485	4.68	4.48	5.743	7.59	4.63	16.672	12.22	24	Pass
115	6525	4.93	4.42	5.879	7.69	4.63	17.061	12.32	24	Pass
123	6565	4.79	4.52	5.844	7.67	4.63	16.982	12.30	24	Pass
155	6725	4.73	4.51	5.797	7.63	4.63	16.827	12.26	24	Pass
179	6845	4.57	4.39	5.612	7.49	4.63	16.293	12.12	24	Pass
187	6885	4.99	4.55	6.006	7.79	4.63	17.458	12.42	24	Pass
211	7005	4.60	4.35	5.607	7.49	4.63	16.293	12.12	24	Pass
227	7085	4.62	4.44	5.677	7.54	4.63	16.482	12.17	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
7	5985	5.97	5.75	7.712	8.87	4.63	22.387	13.50	24	Pass
39	6145	6.21	6.05	8.205	9.14	4.63	23.823	13.77	24	Pass
87	6385	6.06	5.85	7.882	8.97	4.63	22.909	13.60	24	Pass
103	6465	5.99	5.78	7.756	8.90	4.63	22.542	13.53	24	Pass
119	6545	6.36	6.14	8.437	9.26	4.63	24.491	13.89	24	Pass
151	6705	6.21	6.05	8.205	9.14	4.63	23.823	13.77	24	Pass
183	6865	5.82	5.65	7.492	8.75	4.63	21.777	13.38	24	Pass
199	6945	5.71	5.58	7.338	8.66	4.63	21.330	13.29	24	Pass
215	7025	5.92	5.71	7.632	8.83	4.63	22.182	13.46	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	6.13	5.95	8.038	9.05	4.63	23.335	13.68	24	Pass
47	6185	6.05	5.87	7.891	8.97	4.63	22.909	13.60	24	Pass
79	6345	6.11	5.79	7.876	8.96	4.63	22.856	13.59	24	Pass
111	6505	6.03	5.89	7.890	8.97	4.63	22.909	13.60	24	Pass
143	6665	5.76	5.59	7.389	8.69	4.63	21.478	13.32	24	Pass
175	6825	6.21	5.89	8.060	9.06	4.63	23.388	13.69	24	Pass
207	6985	6.12	5.92	8.001	9.03	4.63	23.227	13.66	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

RU996

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
7	5985	7.95	7.01	11.261	10.52	4.63	32.734	15.15	24	Pass
39	6145	7.82	7.02	11.088	10.45	4.63	32.211	15.08	24	Pass
87	6385	8.01	7.33	11.732	10.69	4.63	34.041	15.32	24	Pass
103	6465	7.76	7.42	11.491	10.60	4.63	33.343	15.23	24	Pass
119	6545	7.82	7.58	11.781	10.71	4.63	34.198	15.34	24	Pass
151	6705	7.70	7.34	11.308	10.53	4.63	32.810	15.16	24	Pass
183	6865	7.76	7.56	11.672	10.67	4.63	33.884	15.30	24	Pass
199	6945	7.69	7.40	11.370	10.56	4.63	33.037	15.19	24	Pass
215	7025	7.82	7.47	11.638	10.66	4.63	33.806	15.29	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	9.88	9.58	18.806	12.74	4.63	54.576	17.37	24	Pass
47	6185	9.54	9.15	17.217	12.36	4.63	50.003	16.99	24	Pass
79	6345	9.99	9.58	19.055	12.80	4.63	55.335	17.43	24	Pass
111	6505	9.48	9.15	17.094	12.33	4.63	49.659	16.96	24	Pass
143	6665	9.75	9.25	17.855	12.52	4.63	51.880	17.15	24	Pass
175	6825	9.30	9.01	16.473	12.17	4.63	47.863	16.80	24	Pass
207	6985	9.41	9.13	16.914	12.28	4.63	49.091	16.91	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

RU1992
802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
		Chain 0	Chain 1							
15	6025	12.01	11.52	30.076	14.78	4.63	87.297	19.41	24	Pass
47	6185	11.35	11.08	26.469	14.23	4.63	76.913	18.86	24	Pass
79	6345	11.58	11.38	28.128	14.49	4.63	81.658	19.12	24	Pass
111	6505	11.55	11.51	28.447	14.54	4.63	82.604	19.17	24	Pass
143	6665	11.35	11.28	27.073	14.33	4.63	78.705	18.96	24	Pass
175	6825	11.57	11.10	27.237	14.35	4.63	79.068	18.98	24	Pass
207	6985	11.62	11.52	28.712	14.58	4.63	83.368	19.21	24	Pass

Note: *Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test. The duty factor was included in the total power.

1TX

RU26

Chain 0

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	-8.48	0.142	4.63	0.412	-3.85	24	Pass
45	6175	-8.81	0.132	4.63	0.382	-4.18	24	Pass
93	6415	-8.93	0.128	4.63	0.372	-4.30	24	Pass
97	6435	-7.89	0.163	4.63	0.472	-3.26	24	Pass
105	6475	-8.60	0.138	4.63	0.401	-3.97	24	Pass
113	6515	-9.18	0.121	4.63	0.351	-4.55	24	Pass
117	6535	-8.80	0.132	4.63	0.383	-4.17	24	Pass
149	6695	-8.57	0.139	4.63	0.404	-3.94	24	Pass
181	6855	-9.12	0.122	4.63	0.356	-4.49	24	Pass
185	6875	-8.71	0.135	4.63	0.391	-4.08	24	Pass
209	6995	-7.61	0.173	4.63	0.504	-2.98	24	Pass
233	7115	-8.98	0.126	4.63	0.367	-4.35	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	-7.07	0.196	4.63	0.570	-2.44	24	Pass
43	6165	-7.48	0.179	4.63	0.519	-2.85	24	Pass
91	6405	-8.03	0.157	4.63	0.457	-3.40	24	Pass
99	6445	-7.37	0.183	4.63	0.532	-2.74	24	Pass
107	6485	-7.48	0.179	4.63	0.519	-2.85	24	Pass
115	6525	-7.11	0.195	4.63	0.565	-2.48	24	Pass
123	6565	-8.17	0.152	4.63	0.443	-3.54	24	Pass
155	6725	-8.25	0.150	4.63	0.435	-3.62	24	Pass
179	6845	-7.74	0.168	4.63	0.489	-3.11	24	Pass
187	6885	-8.05	0.157	4.63	0.455	-3.42	24	Pass
211	7005	-8.27	0.149	4.63	0.433	-3.64	24	Pass
227	7085	-8.30	0.148	4.63	0.430	-3.67	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	-8.63	0.137	4.63	0.398	-4.00	24	Pass
39	6145	-8.13	0.154	4.63	0.447	-3.50	24	Pass
87	6385	-8.08	0.156	4.63	0.452	-3.45	24	Pass
103	6465	-7.65	0.172	4.63	0.499	-3.02	24	Pass
119	6545	-7.64	0.172	4.63	0.500	-3.01	24	Pass
151	6705	-8.46	0.143	4.63	0.414	-3.83	24	Pass
183	6865	-8.47	0.142	4.63	0.413	-3.84	24	Pass
199	6945	-8.46	0.143	4.63	0.414	-3.83	24	Pass
215	7025	-8.33	0.147	4.63	0.427	-3.70	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	-7.42	0.181	4.63	0.526	-2.79	24	Pass
47	6185	-7.03	0.198	4.63	0.575	-2.40	24	Pass
79	6345	-7.45	0.180	4.63	0.522	-2.82	24	Pass
111	6505	-7.53	0.177	4.63	0.513	-2.90	24	Pass
143	6665	-7.55	0.176	4.63	0.511	-2.92	24	Pass
175	6825	-7.29	0.187	4.63	0.542	-2.66	24	Pass
207	6985	-7.86	0.164	4.63	0.475	-3.23	24	Pass

Chain 1

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	-9.44	0.114	-0.64	0.098	-10.08	24	Pass
45	6175	-9.77	0.105	-0.64	0.091	-10.41	24	Pass
93	6415	-9.34	0.116	-0.64	0.100	-9.98	24	Pass
97	6435	-8.75	0.133	-0.64	0.115	-9.39	24	Pass
105	6475	-9.24	0.119	-0.64	0.103	-9.88	24	Pass
113	6515	-9.74	0.106	-0.64	0.092	-10.38	24	Pass
117	6535	-9.68	0.108	-0.64	0.093	-10.32	24	Pass
149	6695	-7.82	0.165	-0.64	0.143	-8.46	24	Pass
181	6855	-8.59	0.138	-0.64	0.119	-9.23	24	Pass
185	6875	-8.15	0.153	-0.64	0.132	-8.79	24	Pass
209	6995	-8.48	0.142	-0.64	0.122	-9.12	24	Pass
233	7115	-7.58	0.175	-0.64	0.151	-8.22	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	-8.49	0.142	-0.64	0.122	-9.13	24	Pass
43	6165	-7.88	0.163	-0.64	0.141	-8.52	24	Pass
91	6405	-9.11	0.123	-0.64	0.106	-9.75	24	Pass
99	6445	-7.85	0.164	-0.64	0.142	-8.49	24	Pass
107	6485	-8.08	0.156	-0.64	0.134	-8.72	24	Pass
115	6525	-8.12	0.154	-0.64	0.133	-8.76	24	Pass
123	6565	-8.87	0.130	-0.64	0.112	-9.51	24	Pass
155	6725	-7.89	0.163	-0.64	0.140	-8.53	24	Pass
179	6845	-7.65	0.172	-0.64	0.148	-8.29	24	Pass
187	6885	-8.25	0.150	-0.64	0.129	-8.89	24	Pass
211	7005	-8.11	0.155	-0.64	0.133	-8.75	24	Pass
227	7085	-7.29	0.187	-0.64	0.161	-7.93	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	-7.52	0.177	-0.64	0.153	-8.16	24	Pass
39	6145	-8.47	0.142	-0.64	0.123	-9.11	24	Pass
87	6385	-8.60	0.138	-0.64	0.119	-9.24	24	Pass
103	6465	-8.39	0.145	-0.64	0.125	-9.03	24	Pass
119	6545	-7.92	0.161	-0.64	0.139	-8.56	24	Pass
151	6705	-7.75	0.168	-0.64	0.145	-8.39	24	Pass
183	6865	-8.68	0.136	-0.64	0.117	-9.32	24	Pass
199	6945	-8.68	0.136	-0.64	0.117	-9.32	24	Pass
215	7025	-8.05	0.157	-0.64	0.135	-8.69	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	-7.89	0.163	-0.64	0.140	-8.53	24	Pass
47	6185	-7.38	0.183	-0.64	0.158	-8.02	24	Pass
79	6345	-7.68	0.171	-0.64	0.147	-8.32	24	Pass
111	6505	-7.78	0.167	-0.64	0.144	-8.42	24	Pass
143	6665	-7.79	0.166	-0.64	0.144	-8.43	24	Pass
175	6825	-7.51	0.177	-0.64	0.153	-8.15	24	Pass
207	6985	-8.05	0.157	-0.64	0.135	-8.69	24	Pass

RU52

Chain 0

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	-4.41	0.362	4.63	1.052	0.22	24	Pass
45	6175	-4.74	0.336	4.63	0.975	-0.11	24	Pass
93	6415	-4.82	0.330	4.63	0.957	-0.19	24	Pass
97	6435	-4.51	0.354	4.63	1.028	0.12	24	Pass
105	6475	-4.48	0.356	4.63	1.035	0.15	24	Pass
113	6515	-4.93	0.321	4.63	0.933	-0.30	24	Pass
117	6535	-4.65	0.343	4.63	0.995	-0.02	24	Pass
149	6695	-4.50	0.355	4.63	1.030	0.13	24	Pass
181	6855	-5.03	0.314	4.63	0.912	-0.40	24	Pass
185	6875	-5.19	0.303	4.63	0.879	-0.56	24	Pass
209	6995	-4.50	0.355	4.63	1.030	0.13	24	Pass
233	7115	-4.78	0.333	4.63	0.966	-0.15	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	-4.38	0.365	4.63	1.059	0.25	24	Pass
43	6165	-5.07	0.311	4.63	0.904	-0.44	24	Pass
91	6405	-4.64	0.344	4.63	0.998	-0.01	24	Pass
99	6445	-4.80	0.331	4.63	0.962	-0.17	24	Pass
107	6485	-4.87	0.326	4.63	0.946	-0.24	24	Pass
115	6525	-4.68	0.340	4.63	0.989	-0.05	24	Pass
123	6565	-4.45	0.359	4.63	1.042	0.18	24	Pass
155	6725	-4.83	0.329	4.63	0.955	-0.20	24	Pass
179	6845	-4.87	0.326	4.63	0.946	-0.24	24	Pass
187	6885	-4.68	0.340	4.63	0.989	-0.05	24	Pass
211	7005	-4.58	0.348	4.63	1.012	0.05	24	Pass
227	7085	-5.11	0.308	4.63	0.895	-0.48	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	-4.72	0.337	4.63	0.979	-0.09	24	Pass
39	6145	-4.91	0.323	4.63	0.938	-0.28	24	Pass
87	6385	-4.35	0.367	4.63	1.067	0.28	24	Pass
103	6465	-4.70	0.339	4.63	0.984	-0.07	24	Pass
119	6545	-4.25	0.376	4.63	1.091	0.38	24	Pass
151	6705	-5.12	0.308	4.63	0.893	-0.49	24	Pass
183	6865	-4.63	0.344	4.63	1.000	0.00	24	Pass
199	6945	-5.01	0.316	4.63	0.916	-0.38	24	Pass
215	7025	-4.98	0.318	4.63	0.923	-0.35	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	-5.18	0.303	4.63	0.881	-0.55	24	Pass
47	6185	-5.24	0.299	4.63	0.869	-0.61	24	Pass
79	6345	-5.60	0.275	4.63	0.800	-0.97	24	Pass
111	6505	-4.68	0.340	4.63	0.989	-0.05	24	Pass
143	6665	-4.83	0.329	4.63	0.955	-0.20	24	Pass
175	6825	-4.85	0.327	4.63	0.951	-0.22	24	Pass
207	6985	-4.85	0.327	4.63	0.951	-0.22	24	Pass

Chain 1

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	-6.65	0.216	-0.64	0.187	-7.29	24	Pass
45	6175	-4.92	0.322	-0.64	0.278	-5.56	24	Pass
93	6415	-4.99	0.317	-0.64	0.274	-5.63	24	Pass
97	6435	-4.78	0.333	-0.64	0.287	-5.42	24	Pass
105	6475	-4.71	0.338	-0.64	0.292	-5.35	24	Pass
113	6515	-5.12	0.308	-0.64	0.265	-5.76	24	Pass
117	6535	-4.89	0.324	-0.64	0.280	-5.53	24	Pass
149	6695	-4.75	0.335	-0.64	0.289	-5.39	24	Pass
181	6855	-5.14	0.306	-0.64	0.264	-5.78	24	Pass
185	6875	-5.35	0.292	-0.64	0.252	-5.99	24	Pass
209	6995	-4.75	0.335	-0.64	0.289	-5.39	24	Pass
233	7115	-4.89	0.324	-0.64	0.280	-5.53	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	-4.62	0.345	-0.64	0.298	-5.26	24	Pass
43	6165	-5.24	0.299	-0.64	0.258	-5.88	24	Pass
91	6405	-4.82	0.330	-0.64	0.284	-5.46	24	Pass
99	6445	-4.95	0.320	-0.64	0.276	-5.59	24	Pass
107	6485	-4.98	0.318	-0.64	0.274	-5.62	24	Pass
115	6525	-4.82	0.330	-0.64	0.284	-5.46	24	Pass
123	6565	-4.69	0.340	-0.64	0.293	-5.33	24	Pass
155	6725	-4.98	0.318	-0.64	0.274	-5.62	24	Pass
179	6845	-4.97	0.318	-0.64	0.275	-5.61	24	Pass
187	6885	-4.89	0.324	-0.64	0.280	-5.53	24	Pass
211	7005	-4.78	0.333	-0.64	0.287	-5.42	24	Pass
227	7085	-5.26	0.298	-0.64	0.257	-5.90	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	-4.92	0.322	-0.64	0.278	-5.56	24	Pass
39	6145	-5.09	0.310	-0.64	0.267	-5.73	24	Pass
87	6385	-4.58	0.348	-0.64	0.301	-5.22	24	Pass
103	6465	-4.92	0.322	-0.64	0.278	-5.56	24	Pass
119	6545	-4.48	0.356	-0.64	0.308	-5.12	24	Pass
151	6705	-5.39	0.289	-0.64	0.249	-6.03	24	Pass
183	6865	-4.89	0.324	-0.64	0.280	-5.53	24	Pass
199	6945	-5.19	0.303	-0.64	0.261	-5.83	24	Pass
215	7025	-5.12	0.308	-0.64	0.265	-5.76	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	-5.32	0.294	-0.64	0.254	-5.96	24	Pass
47	6185	-5.46	0.284	-0.64	0.245	-6.10	24	Pass
79	6345	-5.82	0.262	-0.64	0.226	-6.46	24	Pass
111	6505	-4.82	0.330	-0.64	0.284	-5.46	24	Pass
143	6665	-4.98	0.318	-0.64	0.274	-5.62	24	Pass
175	6825	-4.98	0.318	-0.64	0.274	-5.62	24	Pass
207	6985	-5.06	0.312	-0.64	0.269	-5.70	24	Pass

RU106

Chain 0

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	-1.92	0.643	4.63	1.866	2.71	24	Pass
45	6175	-1.61	0.690	4.63	2.004	3.02	24	Pass
93	6415	-1.67	0.681	4.63	1.977	2.96	24	Pass
97	6435	-1.80	0.661	4.63	1.919	2.83	24	Pass
105	6475	-1.88	0.649	4.63	1.884	2.75	24	Pass
113	6515	-1.79	0.662	4.63	1.923	2.84	24	Pass
117	6535	-1.53	0.703	4.63	2.042	3.10	24	Pass
149	6695	-1.91	0.644	4.63	1.871	2.72	24	Pass
181	6855	-1.64	0.685	4.63	1.991	2.99	24	Pass
185	6875	-1.88	0.649	4.63	1.884	2.75	24	Pass
209	6995	-1.86	0.652	4.63	1.892	2.77	24	Pass
233	7115	-1.64	0.685	4.63	1.991	2.99	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	-1.88	0.649	4.63	1.884	2.75	24	Pass
43	6165	-1.82	0.658	4.63	1.910	2.81	24	Pass
91	6405	-1.62	0.689	4.63	2.000	3.01	24	Pass
99	6445	-1.89	0.647	4.63	1.879	2.74	24	Pass
107	6485	-1.85	0.653	4.63	1.897	2.78	24	Pass
115	6525	-1.19	0.760	4.63	2.208	3.44	24	Pass
123	6565	-1.83	0.656	4.63	1.905	2.80	24	Pass
155	6725	-1.82	0.658	4.63	1.910	2.81	24	Pass
179	6845	-1.56	0.698	4.63	2.028	3.07	24	Pass
187	6885	-1.96	0.637	4.63	1.849	2.67	24	Pass
211	7005	-2.09	0.618	4.63	1.795	2.54	24	Pass
227	7085	-1.66	0.682	4.63	1.982	2.97	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	-1.56	0.698	4.63	2.028	3.07	24	Pass
39	6145	-2.07	0.621	4.63	1.803	2.56	24	Pass
87	6385	-1.81	0.659	4.63	1.914	2.82	24	Pass
103	6465	-1.75	0.668	4.63	1.941	2.88	24	Pass
119	6545	-1.99	0.632	4.63	1.837	2.64	24	Pass
151	6705	-1.76	0.667	4.63	1.936	2.87	24	Pass
183	6865	-1.43	0.719	4.63	2.089	3.20	24	Pass
199	6945	-1.86	0.652	4.63	1.892	2.77	24	Pass
215	7025	-1.96	0.637	4.63	1.849	2.67	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	0.42	1.102	4.63	3.199	5.05	24	Pass
47	6185	-1.30	0.741	4.63	2.153	3.33	24	Pass
79	6345	-1.59	0.693	4.63	2.014	3.04	24	Pass
111	6505	-1.50	0.708	4.63	2.056	3.13	24	Pass
143	6665	-1.90	0.646	4.63	1.875	2.73	24	Pass
175	6825	-1.94	0.640	4.63	1.858	2.69	24	Pass
207	6985	-1.48	0.711	4.63	2.065	3.15	24	Pass

Chain 1

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	-2.14	0.611	-0.64	0.527	-2.78	24	Pass
45	6175	-1.85	0.653	-0.64	0.564	-2.49	24	Pass
93	6415	-1.85	0.653	-0.64	0.564	-2.49	24	Pass
97	6435	-2.01	0.630	-0.64	0.543	-2.65	24	Pass
105	6475	-1.98	0.634	-0.64	0.547	-2.62	24	Pass
113	6515	-1.95	0.638	-0.64	0.551	-2.59	24	Pass
117	6535	-1.76	0.667	-0.64	0.575	-2.40	24	Pass
149	6695	-2.05	0.624	-0.64	0.538	-2.69	24	Pass
181	6855	-1.85	0.653	-0.64	0.564	-2.49	24	Pass
185	6875	-2.03	0.627	-0.64	0.541	-2.67	24	Pass
209	6995	-1.99	0.632	-0.64	0.546	-2.63	24	Pass
233	7115	-1.89	0.647	-0.64	0.558	-2.53	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	-2.06	0.622	-0.64	0.537	-2.70	24	Pass
43	6165	-2.11	0.615	-0.64	0.531	-2.75	24	Pass
91	6405	-1.85	0.653	-0.64	0.564	-2.49	24	Pass
99	6445	-1.98	0.634	-0.64	0.547	-2.62	24	Pass
107	6485	-1.92	0.643	-0.64	0.555	-2.56	24	Pass
115	6525	-1.38	0.728	-0.64	0.628	-2.02	24	Pass
123	6565	-2.10	0.617	-0.64	0.532	-2.74	24	Pass
155	6725	-2.05	0.624	-0.64	0.538	-2.69	24	Pass
179	6845	-1.75	0.668	-0.64	0.577	-2.39	24	Pass
187	6885	-2.13	0.612	-0.64	0.528	-2.77	24	Pass
211	7005	-2.18	0.605	-0.64	0.522	-2.82	24	Pass
227	7085	-1.85	0.653	-0.64	0.564	-2.49	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	-1.74	0.670	-0.64	0.578	-2.38	24	Pass
39	6145	-2.21	0.601	-0.64	0.519	-2.85	24	Pass
87	6385	-1.98	0.634	-0.64	0.547	-2.62	24	Pass
103	6465	-1.93	0.641	-0.64	0.553	-2.57	24	Pass
119	6545	-2.11	0.615	-0.64	0.531	-2.75	24	Pass
151	6705	-1.95	0.638	-0.64	0.551	-2.59	24	Pass
183	6865	-1.68	0.679	-0.64	0.586	-2.32	24	Pass
199	6945	-1.98	0.634	-0.64	0.547	-2.62	24	Pass
215	7025	-2.15	0.610	-0.64	0.526	-2.79	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	0.24	1.057	-0.64	0.912	-0.40	24	Pass
47	6185	-1.52	0.705	-0.64	0.608	-2.16	24	Pass
79	6345	-1.75	0.668	-0.64	0.577	-2.39	24	Pass
111	6505	-1.73	0.671	-0.64	0.579	-2.37	24	Pass
143	6665	-2.05	0.624	-0.64	0.538	-2.69	24	Pass
175	6825	-2.06	0.622	-0.64	0.537	-2.70	24	Pass
207	6985	-1.68	0.679	-0.64	0.586	-2.32	24	Pass

RU242

Chain 0

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	0.81	1.205	4.63	3.499	5.44	24	Pass
45	6175	0.68	1.169	4.63	3.396	5.31	24	Pass
93	6415	0.86	1.219	4.63	3.540	5.49	24	Pass
97	6435	0.79	1.199	4.63	3.483	5.42	24	Pass
105	6475	0.68	1.169	4.63	3.396	5.31	24	Pass
113	6515	0.78	1.197	4.63	3.475	5.41	24	Pass
117	6535	1.15	1.303	4.63	3.784	5.78	24	Pass
149	6695	1.23	1.327	4.63	3.855	5.86	24	Pass
181	6855	1.01	1.262	4.63	3.664	5.64	24	Pass
185	6875	0.64	1.159	4.63	3.365	5.27	24	Pass
209	6995	1.01	1.262	4.63	3.664	5.64	24	Pass
233	7115	1.02	1.265	4.63	3.673	5.65	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	2.07	1.611	4.63	4.677	6.70	24	Pass
43	6165	3.31	2.143	4.63	6.223	7.94	24	Pass
91	6405	2.67	1.849	4.63	5.370	7.30	24	Pass
99	6445	2.80	1.905	4.63	5.534	7.43	24	Pass
107	6485	2.88	1.941	4.63	5.636	7.51	24	Pass
115	6525	3.15	2.065	4.63	5.998	7.78	24	Pass
123	6565	2.99	1.991	4.63	5.781	7.62	24	Pass
155	6725	2.84	1.923	4.63	5.585	7.47	24	Pass
179	6845	3.08	2.032	4.63	5.902	7.71	24	Pass
187	6885	2.93	1.963	4.63	5.702	7.56	24	Pass
211	7005	2.49	1.774	4.63	5.152	7.12	24	Pass
227	7085	2.66	1.845	4.63	5.358	7.29	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	2.10	1.622	4.63	4.710	6.73	24	Pass
39	6145	3.14	2.061	4.63	5.984	7.77	24	Pass
87	6385	3.03	2.009	4.63	5.834	7.66	24	Pass
103	6465	2.95	1.972	4.63	5.728	7.58	24	Pass
119	6545	2.78	1.897	4.63	5.508	7.41	24	Pass
151	6705	2.72	1.871	4.63	5.433	7.35	24	Pass
183	6865	2.75	1.884	4.63	5.470	7.38	24	Pass
199	6945	2.97	1.982	4.63	5.754	7.60	24	Pass
215	7025	3.06	2.023	4.63	5.875	7.69	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	3.01	2.000	4.63	5.808	7.64	24	Pass
47	6185	2.99	1.991	4.63	5.781	7.62	24	Pass
79	6345	3.19	2.084	4.63	6.053	7.82	24	Pass
111	6505	2.85	1.928	4.63	5.598	7.48	24	Pass
143	6665	2.95	1.972	4.63	5.728	7.58	24	Pass
175	6825	2.85	1.928	4.63	5.598	7.48	24	Pass
207	6985	2.97	1.982	4.63	5.754	7.60	24	Pass

Chain 1

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	0.35	1.084	-0.64	0.935	-0.29	24	Pass
45	6175	0.35	1.084	-0.64	0.935	-0.29	24	Pass
93	6415	0.61	1.151	-0.64	0.993	-0.03	24	Pass
97	6435	0.58	1.143	-0.64	0.986	-0.06	24	Pass
105	6475	0.45	1.109	-0.64	0.957	-0.19	24	Pass
113	6515	0.56	1.138	-0.64	0.982	-0.08	24	Pass
117	6535	0.98	1.253	-0.64	1.081	0.34	24	Pass
149	6695	1.02	1.265	-0.64	1.091	0.38	24	Pass
181	6855	0.89	1.227	-0.64	1.059	0.25	24	Pass
185	6875	0.45	1.109	-0.64	0.957	-0.19	24	Pass
209	6995	0.89	1.227	-0.64	1.059	0.25	24	Pass
233	7115	0.85	1.216	-0.64	1.050	0.21	24	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	1.87	1.538	-0.64	1.327	1.23	24	Pass
43	6165	3.10	2.042	-0.64	1.762	2.46	24	Pass
91	6405	2.45	1.758	-0.64	1.517	1.81	24	Pass
99	6445	2.63	1.832	-0.64	1.581	1.99	24	Pass
107	6485	2.63	1.832	-0.64	1.581	1.99	24	Pass
115	6525	2.95	1.972	-0.64	1.702	2.31	24	Pass
123	6565	2.78	1.897	-0.64	1.637	2.14	24	Pass
155	6725	2.62	1.828	-0.64	1.578	1.98	24	Pass
179	6845	2.92	1.959	-0.64	1.690	2.28	24	Pass
187	6885	2.79	1.901	-0.64	1.641	2.15	24	Pass
211	7005	2.28	1.690	-0.64	1.459	1.64	24	Pass
227	7085	2.42	1.746	-0.64	1.507	1.78	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	1.89	1.545	-0.64	1.334	1.25	24	Pass
39	6145	2.85	1.928	-0.64	1.663	2.21	24	Pass
87	6385	2.89	1.945	-0.64	1.679	2.25	24	Pass
103	6465	2.73	1.875	-0.64	1.618	2.09	24	Pass
119	6545	2.54	1.795	-0.64	1.549	1.90	24	Pass
151	6705	2.57	1.807	-0.64	1.560	1.93	24	Pass
183	6865	2.61	1.824	-0.64	1.574	1.97	24	Pass
199	6945	2.75	1.884	-0.64	1.626	2.11	24	Pass
215	7025	2.87	1.936	-0.64	1.671	2.23	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	2.89	1.945	-0.64	1.679	2.25	24	Pass
47	6185	2.78	1.897	-0.64	1.637	2.14	24	Pass
79	6345	2.85	1.928	-0.64	1.663	2.21	24	Pass
111	6505	2.72	1.871	-0.64	1.614	2.08	24	Pass
143	6665	2.81	1.910	-0.64	1.648	2.17	24	Pass
175	6825	2.73	1.875	-0.64	1.618	2.09	24	Pass
207	6985	2.75	1.884	-0.64	1.626	2.11	24	Pass

RU484

Chain 0

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	4.15	2.600	4.63	7.551	8.78	24	Pass
43	6165	4.15	2.600	4.63	7.551	8.78	24	Pass
91	6405	4.72	2.965	4.63	8.610	9.35	24	Pass
99	6445	5.06	3.206	4.63	9.311	9.69	24	Pass
107	6485	4.68	2.938	4.63	8.531	9.31	24	Pass
115	6525	4.93	3.112	4.63	9.036	9.56	24	Pass
123	6565	4.79	3.013	4.63	8.750	9.42	24	Pass
155	6725	4.73	2.972	4.63	8.630	9.36	24	Pass
179	6845	4.57	2.864	4.63	8.318	9.20	24	Pass
187	6885	4.99	3.155	4.63	9.162	9.62	24	Pass
211	7005	4.60	2.884	4.63	8.375	9.23	24	Pass
227	7085	4.62	2.897	4.63	8.414	9.25	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	5.97	3.954	4.63	11.482	10.60	24	Pass
39	6145	6.21	4.178	4.63	12.134	10.84	24	Pass
87	6385	6.06	4.036	4.63	11.722	10.69	24	Pass
103	6465	5.99	3.972	4.63	11.535	10.62	24	Pass
119	6545	6.36	4.325	4.63	12.560	10.99	24	Pass
151	6705	6.21	4.178	4.63	12.134	10.84	24	Pass
183	6865	5.82	3.819	4.63	11.092	10.45	24	Pass
199	6945	5.71	3.724	4.63	10.814	10.34	24	Pass
215	7025	5.92	3.908	4.63	11.350	10.55	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	6.13	4.102	4.63	11.912	10.76	24	Pass
47	6185	6.05	4.027	4.63	11.695	10.68	24	Pass
79	6345	6.11	4.083	4.63	11.858	10.74	24	Pass
111	6505	6.03	4.009	4.63	11.641	10.66	24	Pass
143	6665	5.76	3.767	4.63	10.940	10.39	24	Pass
175	6825	6.21	4.178	4.63	12.134	10.84	24	Pass
207	6985	6.12	4.093	4.63	11.885	10.75	24	Pass

Chain 1

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	3.42	2.198	-0.64	1.897	2.78	24	Pass
43	6165	4.08	2.559	-0.64	2.208	3.44	24	Pass
91	6405	4.11	2.576	-0.64	2.223	3.47	24	Pass
99	6445	4.89	3.083	-0.64	2.661	4.25	24	Pass
107	6485	4.48	2.805	-0.64	2.421	3.84	24	Pass
115	6525	4.42	2.767	-0.64	2.388	3.78	24	Pass
123	6565	4.52	2.831	-0.64	2.443	3.88	24	Pass
155	6725	4.51	2.825	-0.64	2.438	3.87	24	Pass
179	6845	4.39	2.748	-0.64	2.371	3.75	24	Pass
187	6885	4.55	2.851	-0.64	2.460	3.91	24	Pass
211	7005	4.35	2.723	-0.64	2.350	3.71	24	Pass
227	7085	4.44	2.780	-0.64	2.399	3.80	24	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	5.75	3.758	-0.64	3.243	5.11	24	Pass
39	6145	6.05	4.027	-0.64	3.475	5.41	24	Pass
87	6385	5.85	3.846	-0.64	3.319	5.21	24	Pass
103	6465	5.78	3.784	-0.64	3.266	5.14	24	Pass
119	6545	6.14	4.111	-0.64	3.548	5.50	24	Pass
151	6705	6.05	4.027	-0.64	3.475	5.41	24	Pass
183	6865	5.65	3.673	-0.64	3.170	5.01	24	Pass
199	6945	5.58	3.614	-0.64	3.119	4.94	24	Pass
215	7025	5.71	3.724	-0.64	3.214	5.07	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	5.95	3.936	-0.64	3.396	5.31	24	Pass
47	6185	5.87	3.864	-0.64	3.334	5.23	24	Pass
79	6345	5.79	3.793	-0.64	3.273	5.15	24	Pass
111	6505	5.89	3.882	-0.64	3.350	5.25	24	Pass
143	6665	5.59	3.622	-0.64	3.126	4.95	24	Pass
175	6825	5.89	3.882	-0.64	3.350	5.25	24	Pass
207	6985	5.92	3.908	-0.64	3.373	5.28	24	Pass

RU996

Chain 0

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	7.95	6.237	4.63	18.113	12.58	24	Pass
39	6145	7.82	6.053	4.63	17.579	12.45	24	Pass
87	6385	8.01	6.324	4.63	18.365	12.64	24	Pass
103	6465	7.76	5.970	4.63	17.338	12.39	24	Pass
119	6545	7.82	6.053	4.63	17.579	12.45	24	Pass
151	6705	7.70	5.888	4.63	17.100	12.33	24	Pass
183	6865	7.76	5.970	4.63	17.338	12.39	24	Pass
199	6945	7.69	5.875	4.63	17.061	12.32	24	Pass
215	7025	7.82	6.053	4.63	17.579	12.45	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	9.88	9.727	4.63	28.249	14.51	24	Pass
47	6185	9.54	8.995	4.63	26.122	14.17	24	Pass
79	6345	9.99	9.977	4.63	28.973	14.62	24	Pass
111	6505	9.48	8.872	4.63	25.763	14.11	24	Pass
143	6665	9.75	9.441	4.63	27.416	14.38	24	Pass
175	6825	9.30	8.511	4.63	24.717	13.93	24	Pass
207	6985	9.41	8.730	4.63	25.351	14.04	24	Pass

Chain 1

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	7.01	5.023	-0.64	4.335	6.37	24	Pass
39	6145	7.02	5.035	-0.64	4.345	6.38	24	Pass
87	6385	7.33	5.408	-0.64	4.667	6.69	24	Pass
103	6465	7.42	5.521	-0.64	4.764	6.78	24	Pass
119	6545	7.58	5.728	-0.64	4.943	6.94	24	Pass
151	6705	7.34	5.420	-0.64	4.677	6.70	24	Pass
183	6865	7.56	5.702	-0.64	4.920	6.92	24	Pass
199	6945	7.40	5.495	-0.64	4.742	6.76	24	Pass
215	7025	7.47	5.585	-0.64	4.819	6.83	24	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	9.58	9.078	-0.64	7.834	8.94	24	Pass
47	6185	9.15	8.222	-0.64	7.096	8.51	24	Pass
79	6345	9.58	9.078	-0.64	7.834	8.94	24	Pass
111	6505	9.15	8.222	-0.64	7.096	8.51	24	Pass
143	6665	9.25	8.414	-0.64	7.261	8.61	24	Pass
175	6825	9.01	7.962	-0.64	6.871	8.37	24	Pass
207	6985	9.13	8.185	-0.64	7.063	8.49	24	Pass

RU1992

Chain 0

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	12.01	15.885	4.63	46.132	16.64	24	Pass
47	6185	11.35	13.646	4.63	39.628	15.98	24	Pass
79	6345	11.58	14.388	4.63	41.783	16.21	24	Pass
111	6505	11.55	14.289	4.63	41.495	16.18	24	Pass
143	6665	11.35	13.646	4.63	39.628	15.98	24	Pass
175	6825	11.57	14.355	4.63	41.687	16.20	24	Pass
207	6985	11.62	14.521	4.63	42.170	16.25	24	Pass

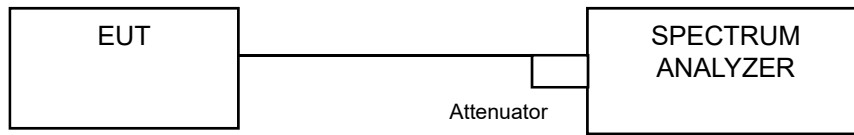
Chain 1

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Average Power (mW)	Max. Gain (dBi)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	11.52	14.191	-0.64	12.246	10.88	24	Pass
47	6185	11.08	12.823	-0.64	11.066	10.44	24	Pass
79	6345	11.38	13.740	-0.64	11.858	10.74	24	Pass
111	6505	11.51	14.158	-0.64	12.218	10.87	24	Pass
143	6665	11.28	13.428	-0.64	11.588	10.64	24	Pass
175	6825	11.10	12.882	-0.64	11.117	10.46	24	Pass
207	6985	11.52	14.191	-0.64	12.246	10.88	24	Pass

4.5 Emission Bandwidth Measurement

4.5.1 Test Setup



4.5.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.3 Test Procedure

For 99% Occupied Bandwidth

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 SAMPLE. 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.

For 26dB Bandwidth

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- 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%.

4.5.4 Test Results

99% Occupied Bandwidth:

2TX

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
1	5955	16.38	16.62	320
45	6175	16.32	16.68	320
93	6415	16.32	16.68	320
97	6435	16.32	16.68	320
105	6475	16.32	16.68	320
113	6515	16.32	16.80	320
117	6535	16.32	16.80	320
149	6695	16.32	16.68	320
181	6855	16.32	16.56	320
185	6875	16.32	16.68	320
209	6995	16.32	16.68	320
233	7115	16.32	16.68	320

802.11ax (HE20)

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

802.11ax (HE40)

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

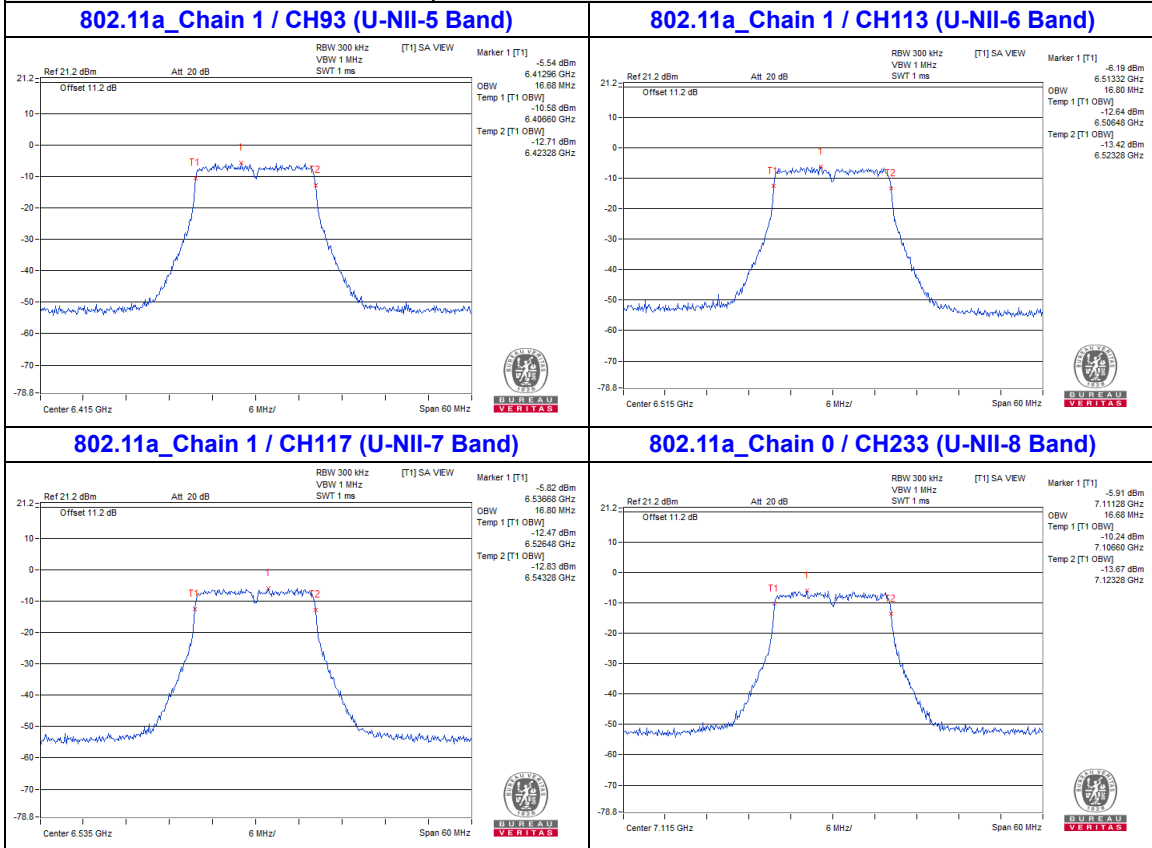
802.11ax (HE80)

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

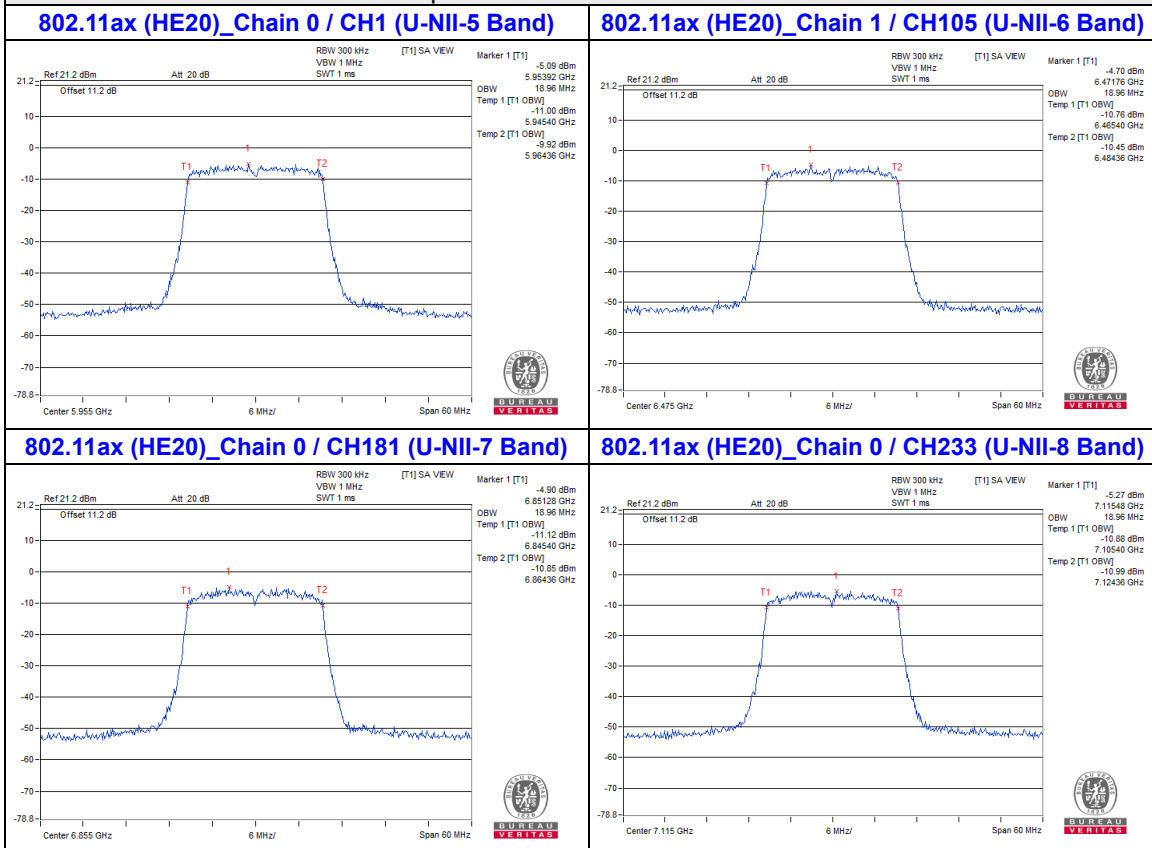
802.11ax (HE160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
15	6025	155.52	156.00	320
47	6185	156.00	156.00	320
79	6345	156.00	156.00	320
111	6505	156.00	156.00	320
143	6665	156.48	156.48	320
175	6825	155.52	155.52	320
207	6985	156.48	156.00	320

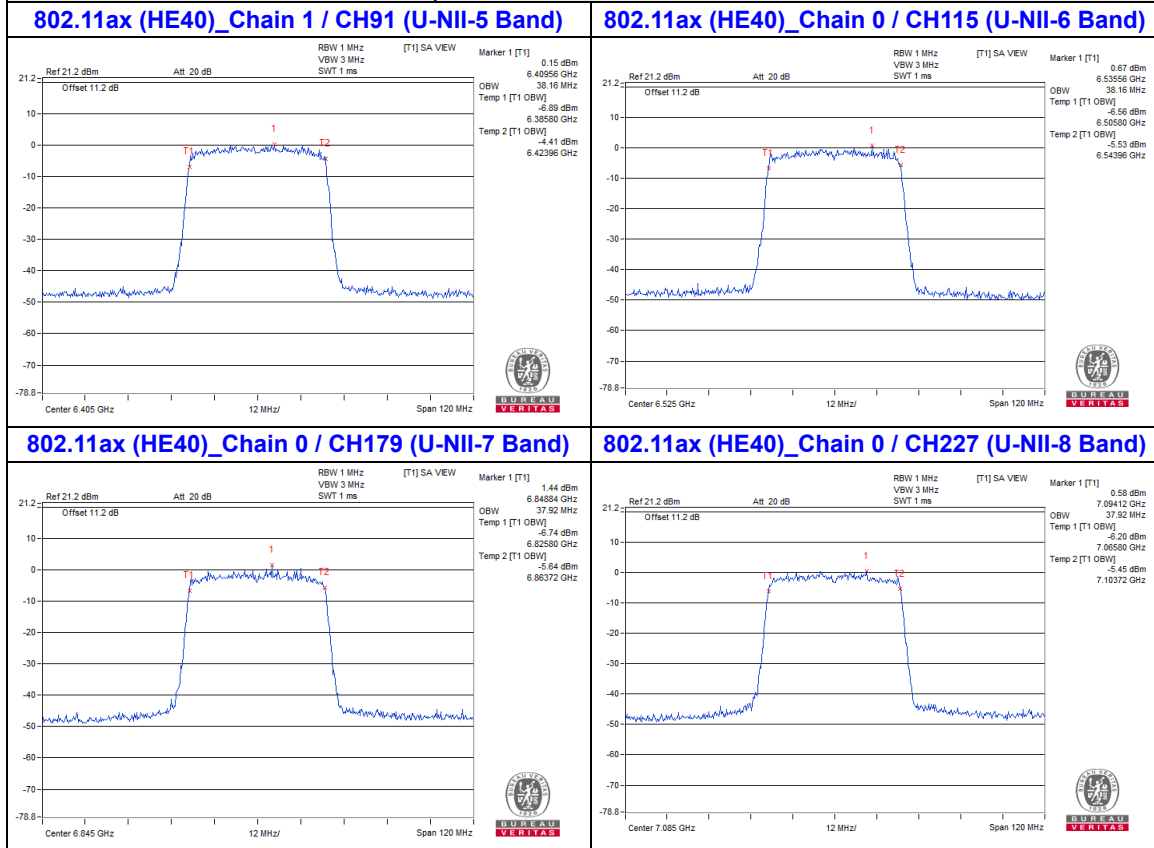
Spectrum Plot of Max. Value



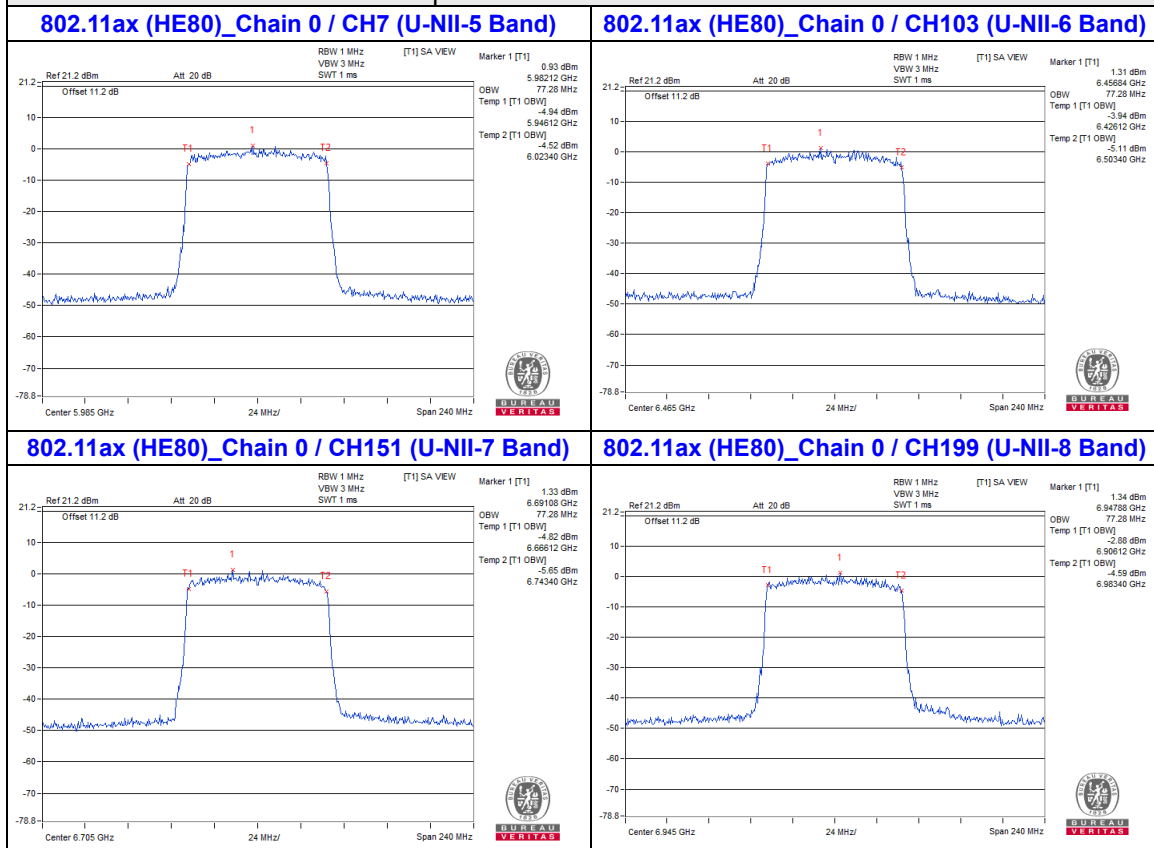
Spectrum Plot of Max. Value



Spectrum Plot of Max. Value

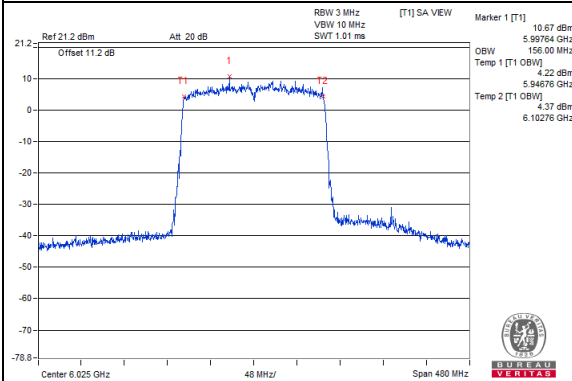


Spectrum Plot of Max. Value

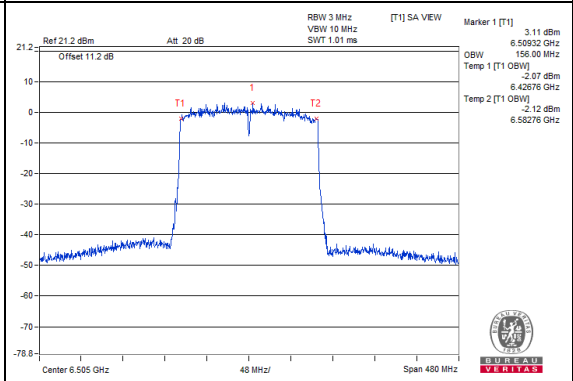


Spectrum Plot of Max. Value

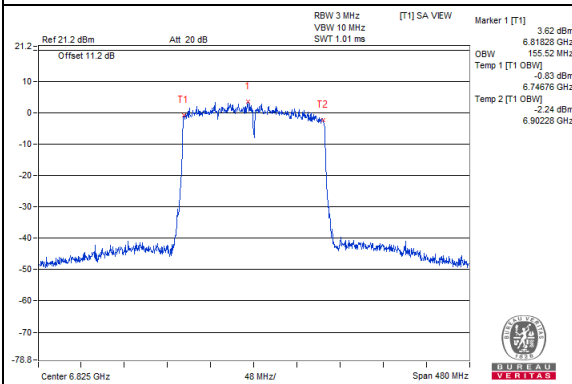
802.11ax (HE160)_Chain 1 / CH15 (U-NII-5 Band)



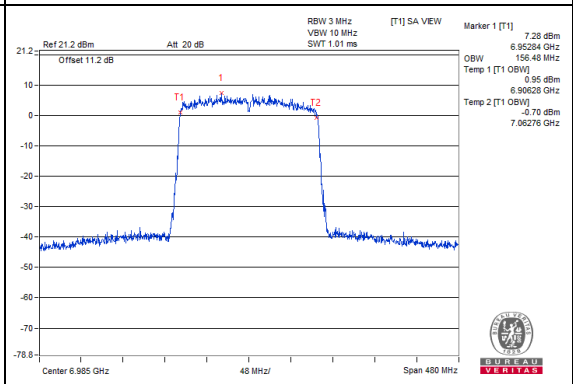
802.11ax (HE160)_Chain 0 / CH111 (U-NII-6 Band)



802.11ax (HE160)_Chain 0 / CH175 (U-NII-7 Band)



802.11ax (HE160)_Chain 0 / CH207 (U-NII-8 Band)



1TX

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Limit (MHz)
1	5955	16.44	320
45	6175	16.32	320
93	6415	16.32	320
97	6435	16.32	320
105	6475	16.32	320
113	6515	16.32	320
117	6535	16.32	320
149	6695	16.32	320
181	6855	16.32	320
185	6875	16.32	320
209	6995	16.32	320
233	7115	16.32	320

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Limit (MHz)
1	5955	18.84	320
45	6175	18.96	320
93	6415	18.96	320
97	6435	18.84	320
105	6475	18.96	320
113	6515	18.96	320
117	6535	18.84	320
149	6695	18.96	320
181	6855	18.96	320
185	6875	18.96	320
209	6995	18.96	320
233	7115	18.96	320

802.11ax (HE40)

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

802.11ax (HE80)

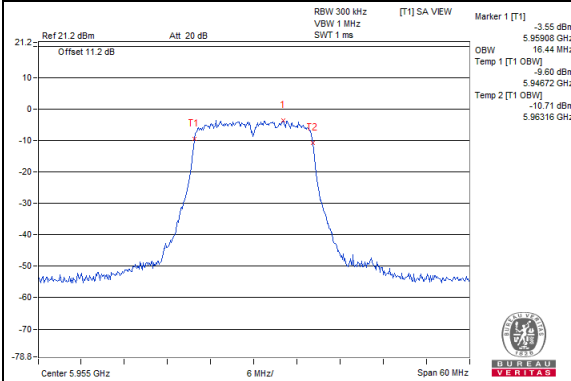
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Limit (MHz)
7	5985	77.28	320
39	6145	77.28	320
87	6385	77.28	320
103	6465	77.28	320
119	6545	77.76	320
151	6705	77.28	320
183	6865	77.28	320
199	6945	77.28	320
215	7025	77.28	320

802.11ax (HE160)

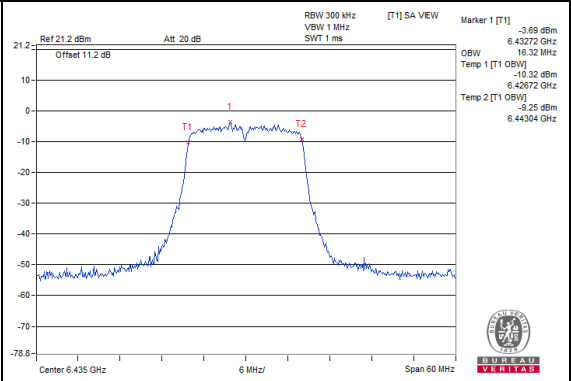
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	Limit (MHz)
15	6025	156.15	320
47	6185	156.15	320
79	6345	156.15	320
111	6505	156.92	320
143	6665	156.15	320
175	6825	156.92	320
207	6985	156.15	320

Spectrum Plot of Max. Value

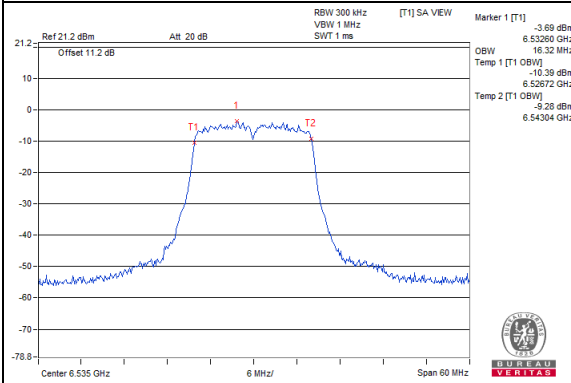
802.11a / CH1 (U-NII-5 Band)



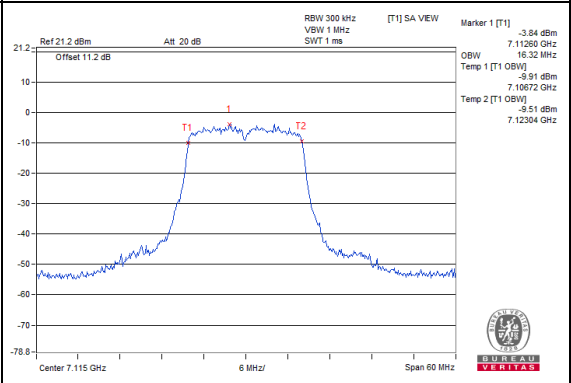
802.11a / CH97 (U-NII-6 Band)



802.11a / CH117 (U-NII-7 Band)

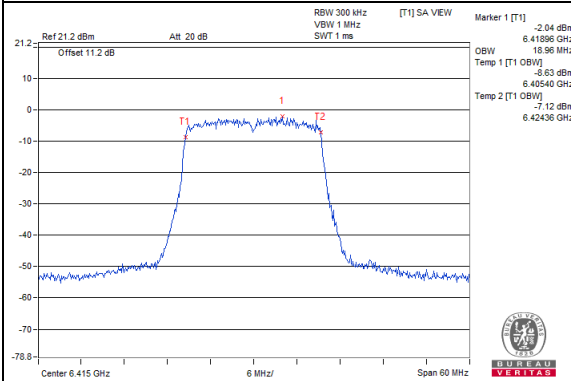


802.11a / CH233 (U-NII-8 Band)

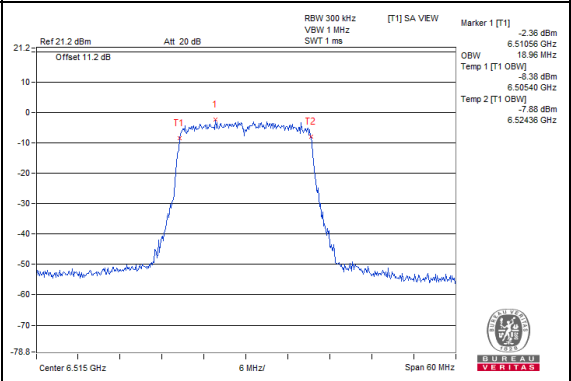


Spectrum Plot of Max. Value

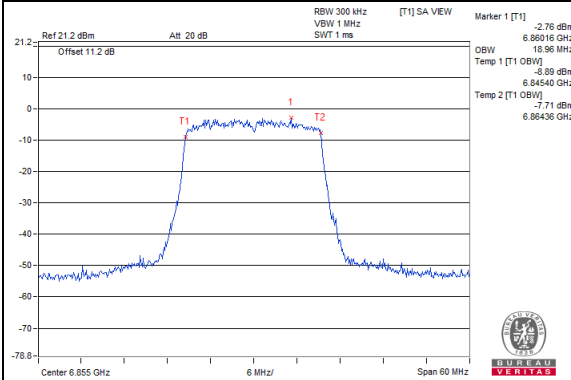
802.11ax (HE20) / CH93 (U-NII-5 Band)



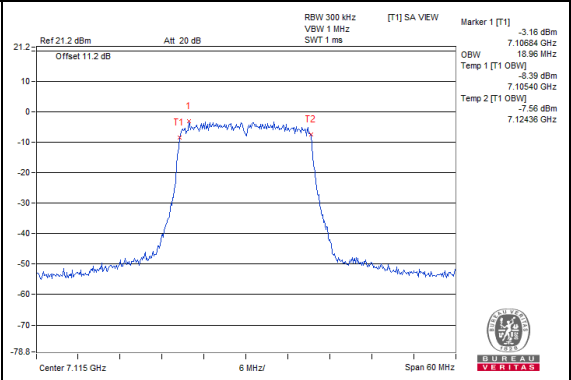
802.11ax (HE20) / CH113 (U-NII-6 Band)



802.11ax (HE20) / CH181 (U-NII-7 Band)

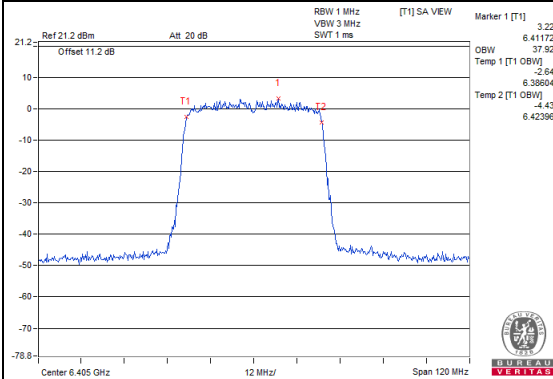


802.11ax (HE20) / CH233 (U-NII-8 Band)

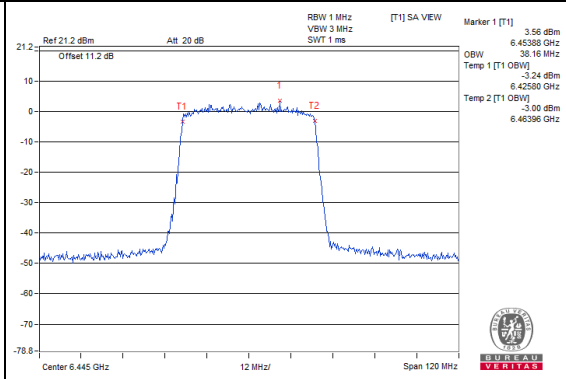


Spectrum Plot of Max. Value

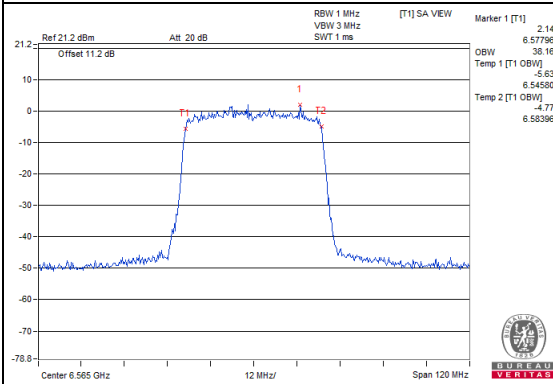
802.11ax (HE40) / CH91 (U-NII-5 Band)



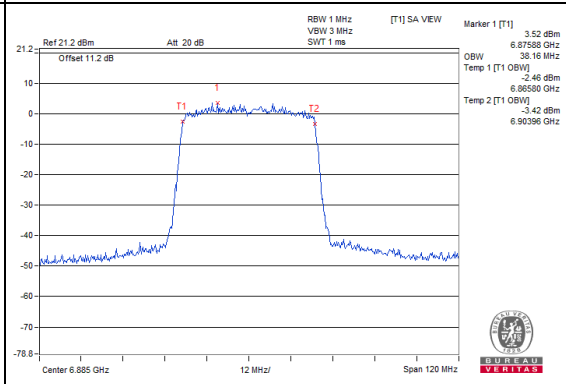
802.11ax (HE40) / CH99 (U-NII-6 Band)



802.11ax (HE40) / CH123 (U-NII-7 Band)

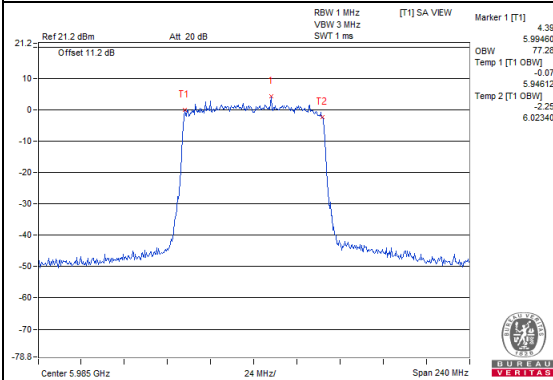


802.11ax (HE40) / CH187 (U-NII-8 Band)

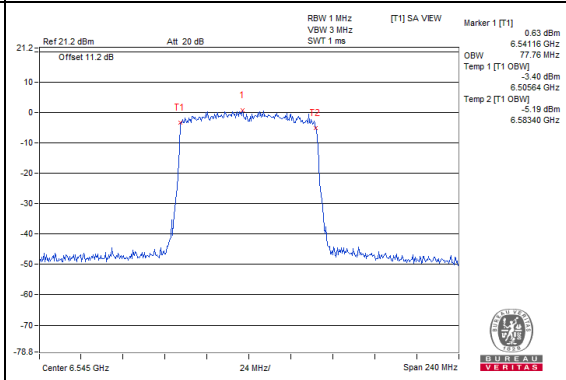


Spectrum Plot of Max. Value

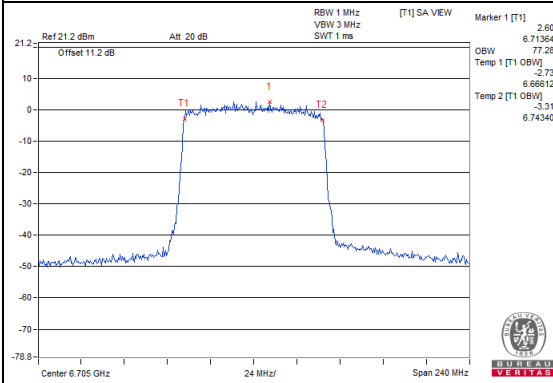
802.11ax (HE80) / CH7 (U-NII-5 Band)



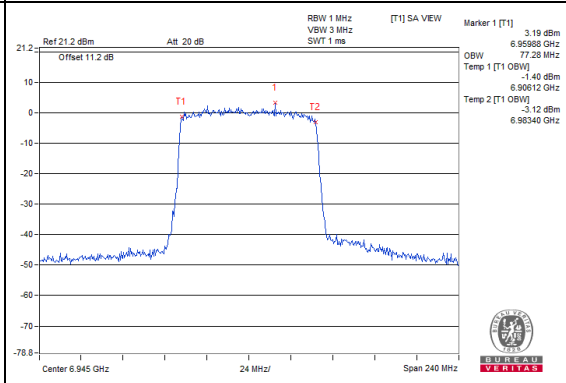
802.11ax (HE80) / CH119 (U-NII-6 Band)



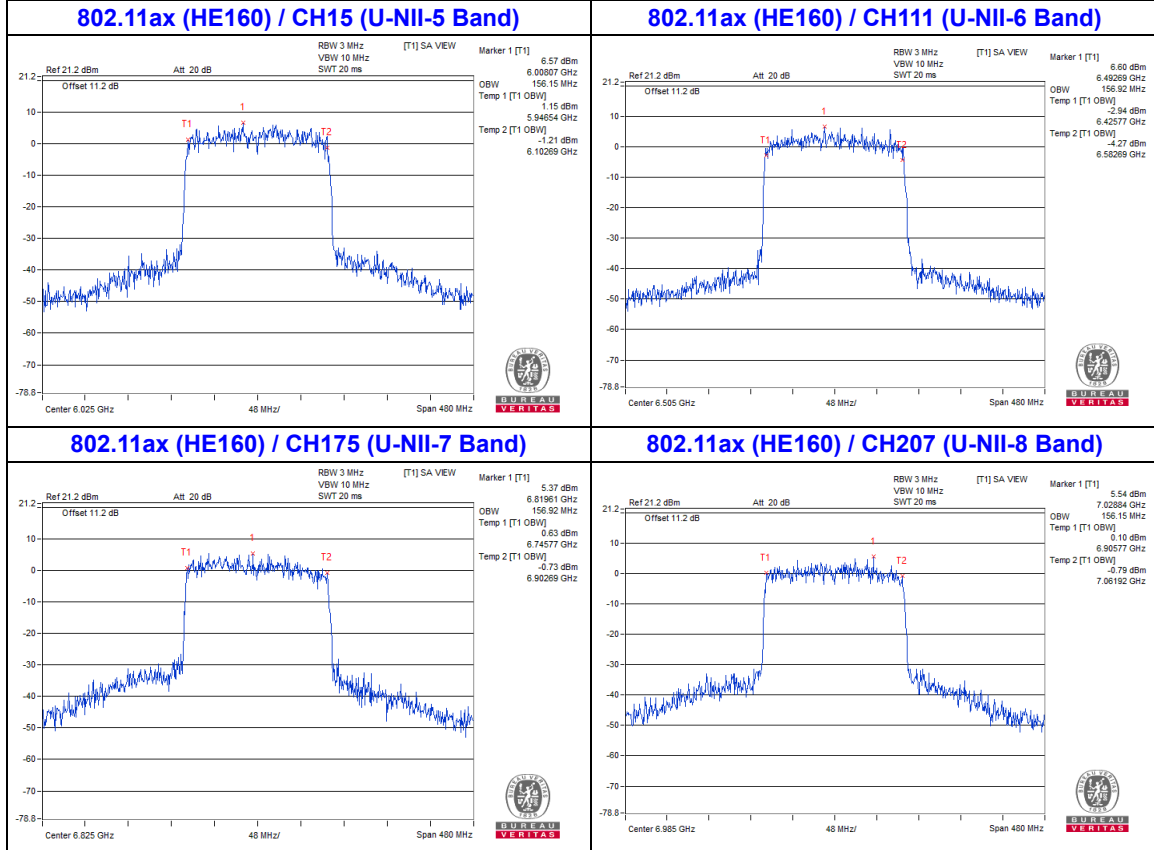
802.11ax (HE80) / CH151 (U-NII-7 Band)



802.11ax (HE80) / CH199 (U-NII-8 Band)



Spectrum Plot of Max. Value



26dB Bandwidth:
2TX
802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		
		Chain0	Chain1	Limit (MHz)
1	5955	19.38	20.70	320
45	6175	19.45	20.82	320
93	6415	19.40	20.67	320
97	6435	19.33	20.87	320
105	6475	19.48	20.78	320
113	6515	19.38	20.90	320
117	6535	19.39	20.81	320
149	6695	19.45	21.14	320
181	6855	19.43	20.78	320
185	6875	19.33	20.54	320
209	6995	19.41	20.55	320
233	7115	19.50	20.76	320

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		
		Chain0	Chain1	Limit (MHz)
1	5955	21.50	21.24	320
45	6175	21.28	21.22	320
93	6415	21.23	21.36	320
97	6435	21.34	21.32	320
105	6475	21.44	21.41	320
113	6515	21.18	21.46	320
117	6535	21.38	21.24	320
149	6695	21.32	21.26	320
181	6855	21.31	21.39	320
185	6875	21.45	21.35	320
209	6995	21.45	21.30	320
233	7115	21.42	21.32	320

802.11ax (HE40)

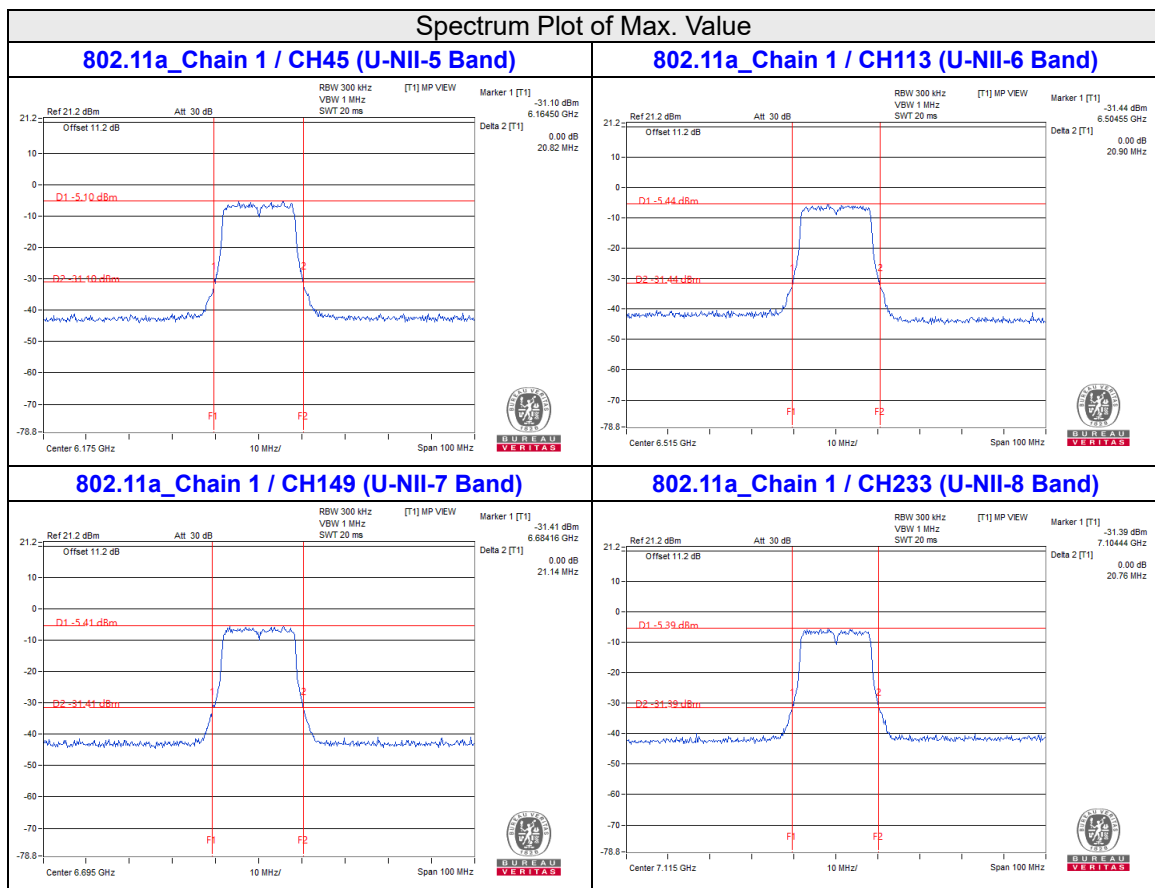
Channel	Frequency (MHz)	26dB Bandwidth (MHz)		
		Chain0	Chain1	Limit (MHz)
3	5965	41.62	41.43	320
43	6165	41.55	41.79	320
91	6405	41.83	41.73	320
99	6445	41.70	41.58	320
107	6485	41.69	41.55	320
115	6525	41.85	41.71	320
123	6565	41.71	41.80	320
155	6725	41.68	41.81	320
179	6845	41.77	41.72	320
187	6885	41.79	41.82	320
211	7005	41.80	41.78	320
227	7085	41.67	41.61	320

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		
		Chain0	Chain1	Limit (MHz)
7	5985	83.66	83.46	320
39	6145	83.59	83.37	320
87	6385	83.01	83.17	320
103	6465	83.85	83.49	320
119	6545	83.29	83.20	320
151	6705	83.42	83.51	320
183	6865	83.15	83.04	320
199	6945	83.04	83.31	320
215	7025	83.31	82.93	320

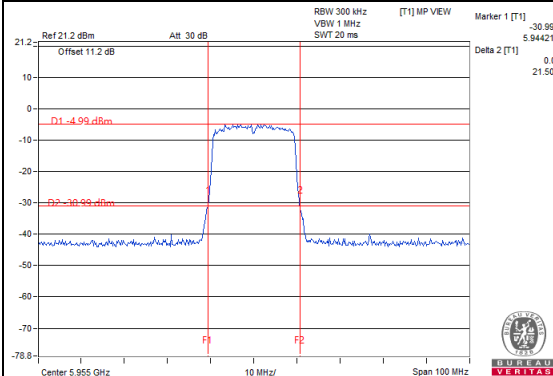
802.11ax (HE160)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)		
		Chain0	Chain1	Limit (MHz)
15	6025	169.02	170.05	320
47	6185	169.87	169.71	320
79	6345	169.04	168.87	320
111	6505	170.17	169.84	320
143	6665	168.82	169.61	320
175	6825	169.41	169.35	320
207	6985	170.08	168.76	320

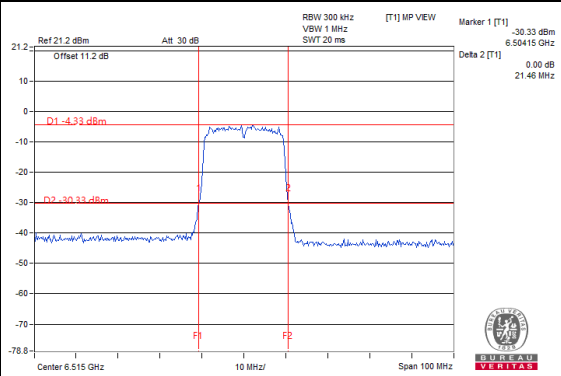


Spectrum Plot of Max. Value

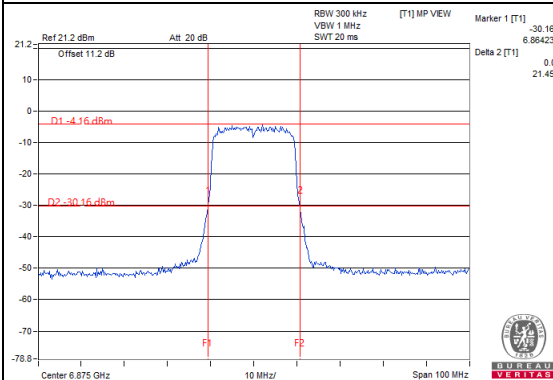
802.11ax (HE20)_Chain 0 / CH1 (U-NII-5 Band)



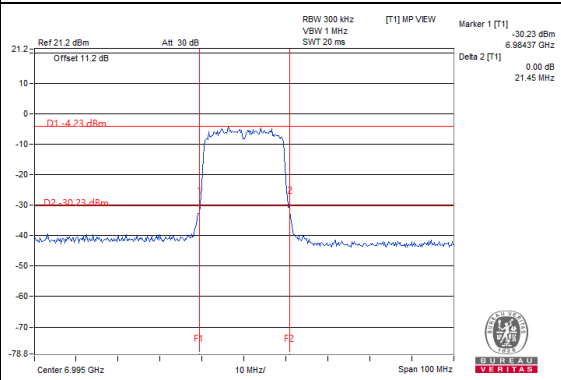
802.11ax (HE20)_Chain 1 / CH13 (U-NII-6 Band)



802.11ax (HE20)_Chain 0 / CH185 (U-NII-7 Band)

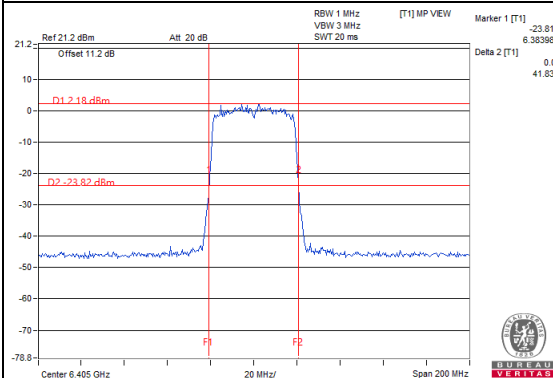


802.11ax (HE20)_Chain 0 / CH209 (U-NII-8 Band)

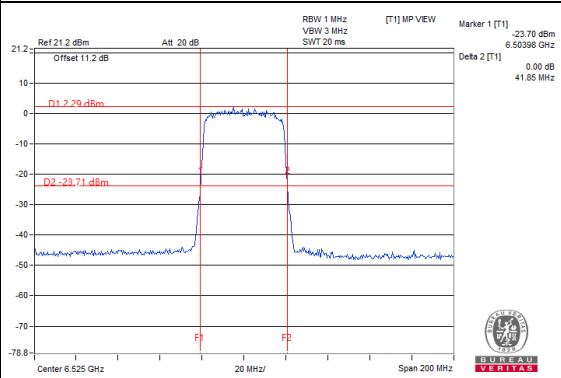


Spectrum Plot of Max. Value

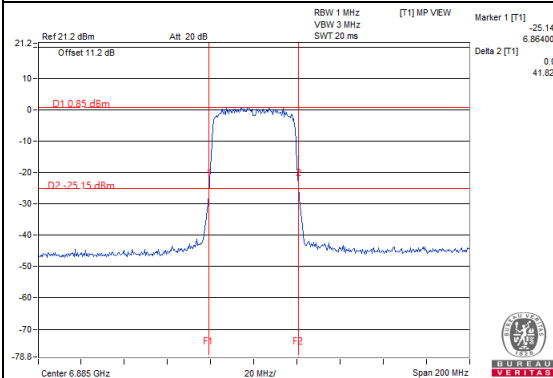
802.11ax (HE40)_Chain 0 / CH91 (U-NII-5 Band)



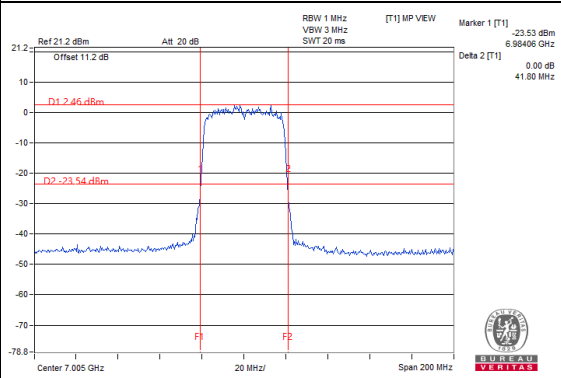
802.11ax (HE40)_Chain 0 / CH115 (U-NII-6 Band)



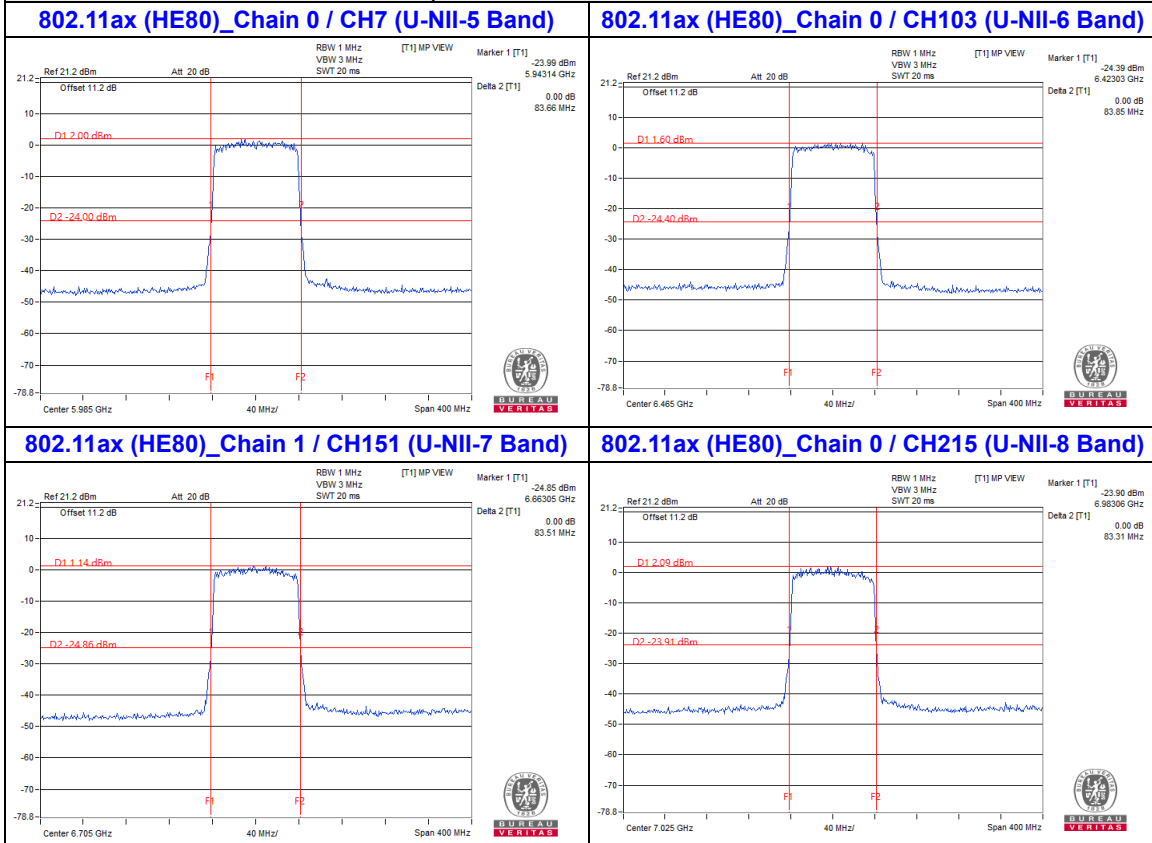
802.11ax (HE40)_Chain 1 / CH187 (U-NII-7 Band)



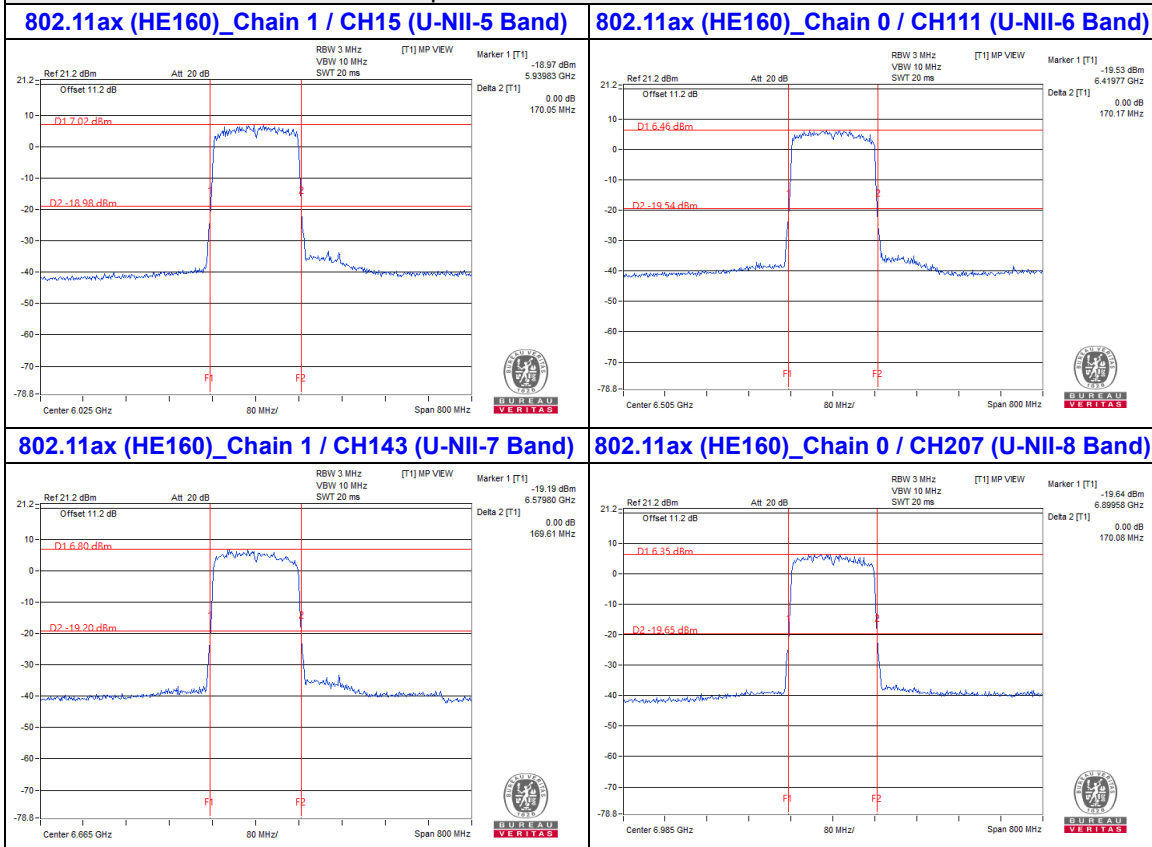
802.11ax (HE40)_Chain 0 / CH211 (U-NII-8 Band)



Spectrum Plot of Max. Value



Spectrum Plot of Max. Value



1TX

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Limit (MHz)
1	5955	19.35	320
45	6175	19.46	320
93	6415	19.43	320
97	6435	19.38	320
105	6475	19.45	320
113	6515	19.36	320
117	6535	19.53	320
149	6695	19.37	320
181	6855	19.47	320
185	6875	19.32	320
209	6995	19.45	320
233	7115	19.43	320

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Limit (MHz)
1	5955	21.36	320
45	6175	21.33	320
93	6415	21.34	320
97	6435	21.28	320
105	6475	21.32	320
113	6515	21.36	320
117	6535	21.28	320
149	6695	21.22	320
181	6855	21.30	320
185	6875	21.28	320
209	6995	21.29	320
233	7115	21.36	320

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Limit (MHz)
3	5965	41.93	320
43	6165	41.83	320
91	6405	41.81	320
99	6445	41.84	320
107	6485	41.82	320
115	6525	41.82	320
123	6565	41.78	320
155	6725	41.83	320
179	6845	41.89	320
187	6885	41.72	320
211	7005	41.91	320
227	7085	42.08	320

802.11ax (HE80)

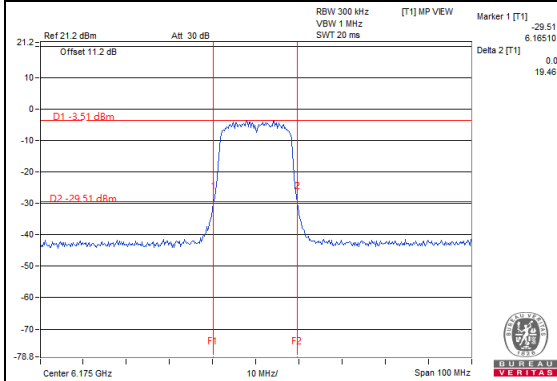
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Limit (MHz)
7	5985	83.40	320
39	6145	83.30	320
87	6385	83.52	320
103	6465	83.60	320
119	6545	83.28	320
151	6705	83.34	320
183	6865	83.12	320
199	6945	83.57	320
215	7025	83.56	320

802.11ax (HE160)

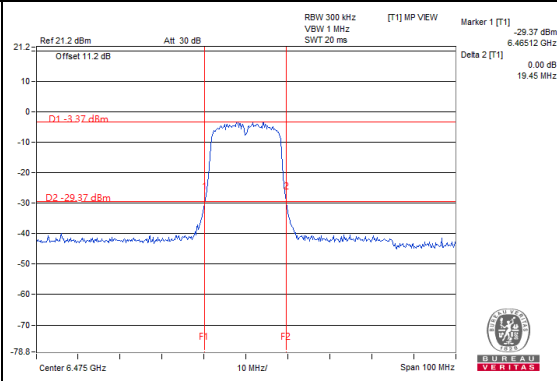
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Limit (MHz)
15	6025	170.03	320
47	6185	169.73	320
79	6345	170.15	320
111	6505	169.05	320
143	6665	169.18	320
175	6825	168.58	320
207	6985	168.86	320

Spectrum Plot of Max. Value

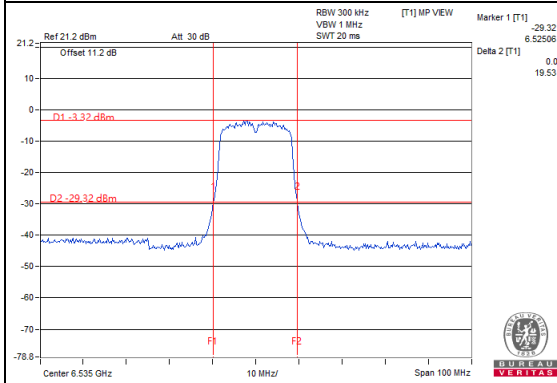
802.11a / CH45 (U-NII-5 Band)



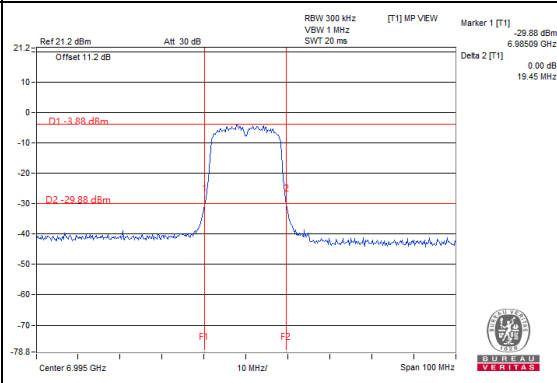
802.11a / CH105 (U-NII-6 Band)



802.11a / CH117 (U-NII-7 Band)

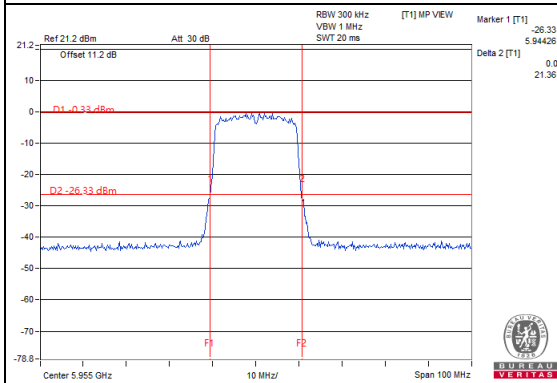


802.11a / CH209 (U-NII-8 Band)

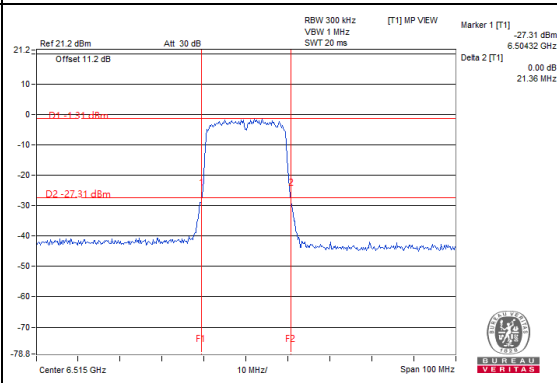


Spectrum Plot of Max. Value

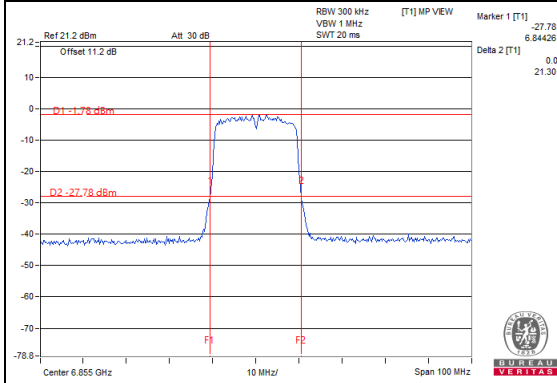
802.11ax (HE20) / CH1 (U-NII-5 Band)



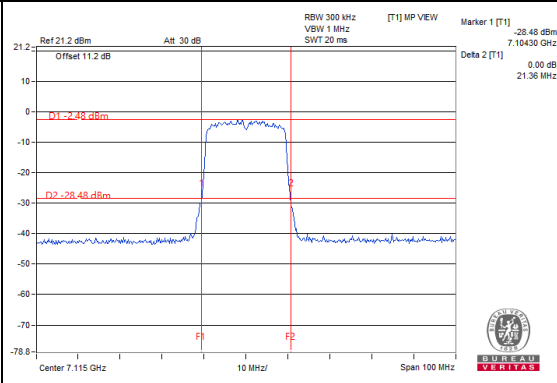
802.11ax (HE20) / CH113 (U-NII-6 Band)

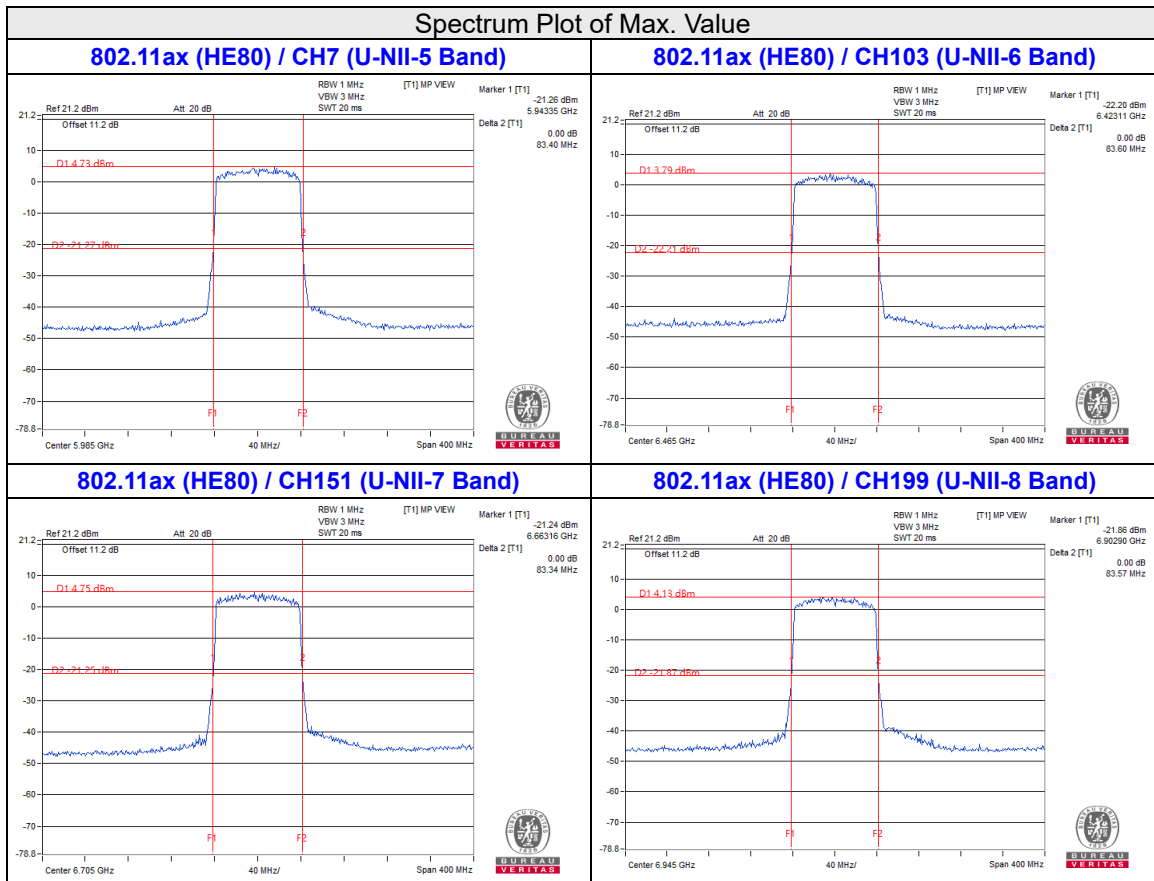
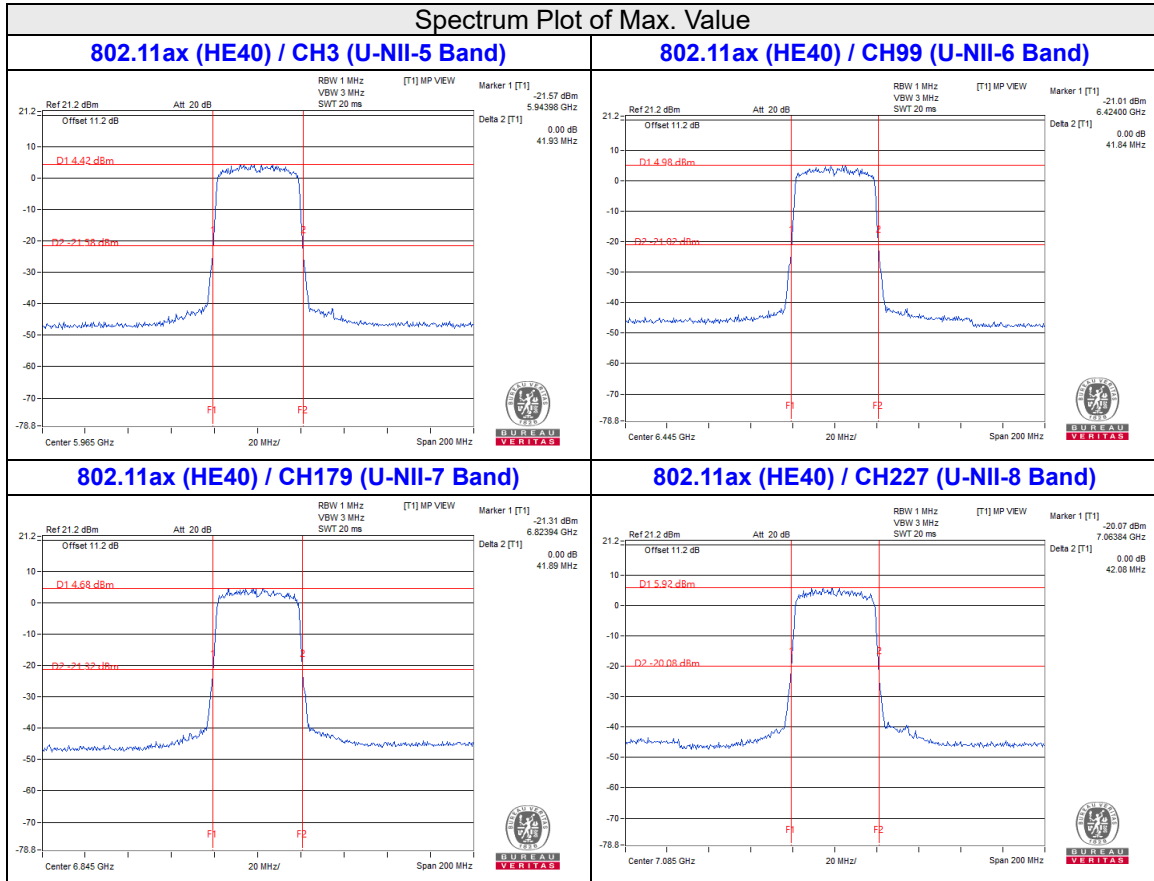


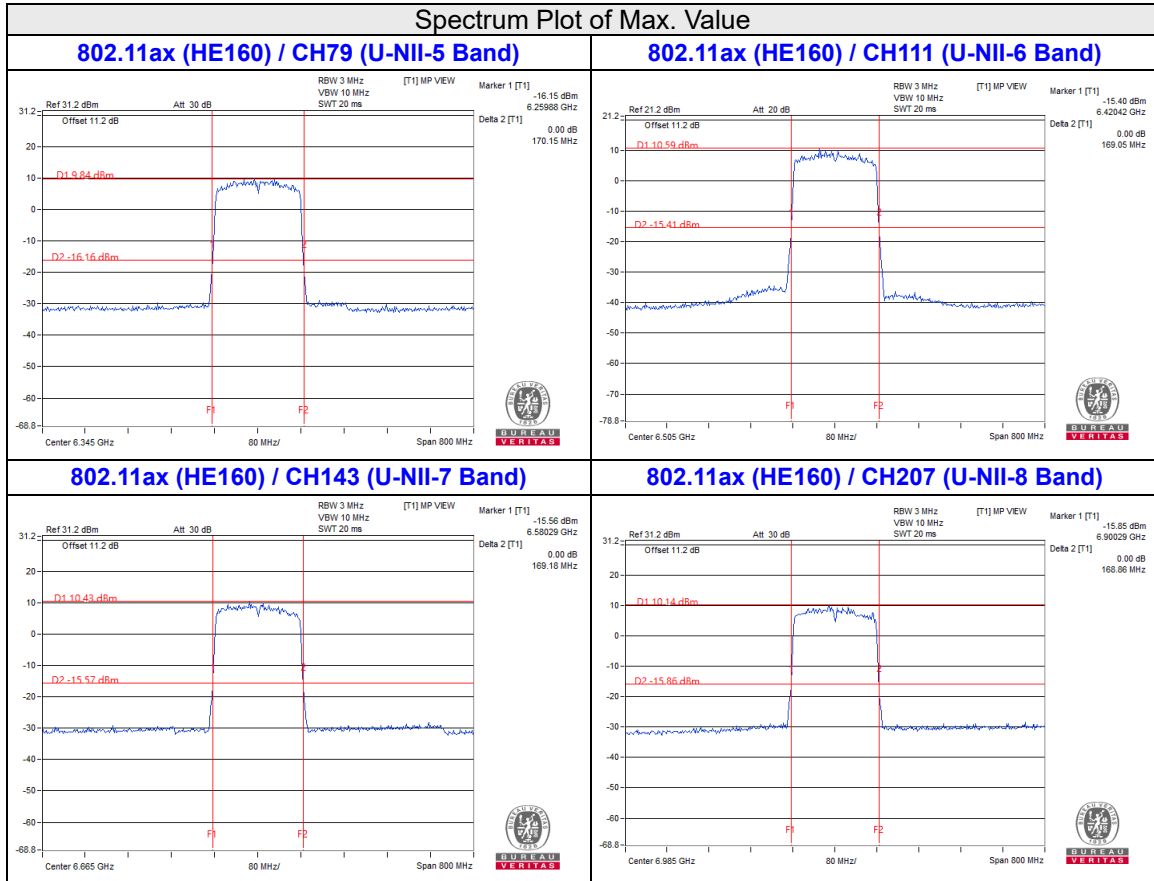
802.11ax (HE20) / CH181 (U-NII-7 Band)



802.11ax (HE20) / CH233 (U-NII-8 Band)







4.6 Peak Power Spectral Density Measurement

4.6.1 Limits of Peak Power Spectral Density Measurement

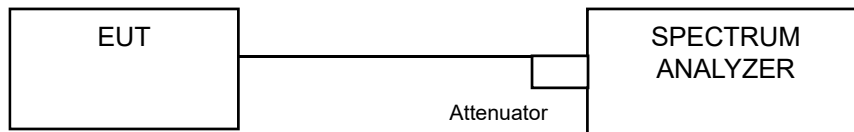
Operation Band	EUT Category	Limit
		Peak Power Density (EIRP)
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Client Devices (controlled of an indoor AP)	-1 dBm/MHz

Note: 1. Method 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.

$$2. \text{ Directional gain (Ant. 4+ Ant.6) } = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/2] = 5.40\text{dBi}$$

4.6.2 Test Setup

For Conducted Method



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

Using method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW ≥ 3 MHz
- Sweep time = auto, trigger set to "free run".
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Record the max value and add $10 \log (1/\text{duty cycle})$

4.6.5 EUT Operating Condition

Same as Item 4.3.6.

4.6.6 Test Results

Full RU
2TX

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
1	5955	-10.10	-10.06	-7.07	5.40	-1.67	-1.00	Pass
45	6175	-10.08	-10.07	-7.06	5.40	-1.66	-1.00	Pass
93	6415	-9.41	-9.46	-6.42	5.40	-1.02	-1.00	Pass
97	6435	-10.24	-10.17	-7.19	5.40	-1.79	-1.00	Pass
105	6475	-9.57	-9.54	-6.54	5.40	-1.14	-1.00	Pass
113	6515	-9.88	-9.93	-6.90	5.40	-1.50	-1.00	Pass
117	6535	-9.35	-9.59	-6.46	5.40	-1.06	-1.00	Pass
149	6695	-9.87	-9.80	-6.82	5.40	-1.42	-1.00	Pass
181	6855	-9.87	-10.00	-6.93	5.40	-1.53	-1.00	Pass
185	6875	-9.66	-9.73	-6.68	5.40	-1.28	-1.00	Pass
209	6995	-9.90	-9.85	-6.87	5.40	-1.47	-1.00	Pass
233	7115	-9.86	-10.01	-6.92	5.40	-1.52	-1.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
1	5955	-9.88	-10.06	-6.96	5.40	-1.56	-1.00	Pass
45	6175	-9.72	-9.93	-6.81	5.40	-1.41	-1.00	Pass
93	6415	-9.34	-9.69	-6.50	5.40	-1.10	-1.00	Pass
97	6435	-10.04	-9.98	-7.00	5.40	-1.60	-1.00	Pass
105	6475	-10.02	-9.95	-6.97	5.40	-1.57	-1.00	Pass
113	6515	-9.76	-9.83	-6.78	5.40	-1.38	-1.00	Pass
117	6535	-9.96	-10.02	-6.98	5.40	-1.58	-1.00	Pass
149	6695	-9.81	-9.86	-6.83	5.40	-1.43	-1.00	Pass
181	6855	-9.86	-9.99	-6.91	5.40	-1.51	-1.00	Pass
185	6875	-9.62	-9.59	-6.60	5.40	-1.20	-1.00	Pass
209	6995	-9.78	-9.56	-6.66	5.40	-1.26	-1.00	Pass
233	7115	-9.77	-9.96	-6.85	5.40	-1.45	-1.00	Pass

802.11ax (HE40)

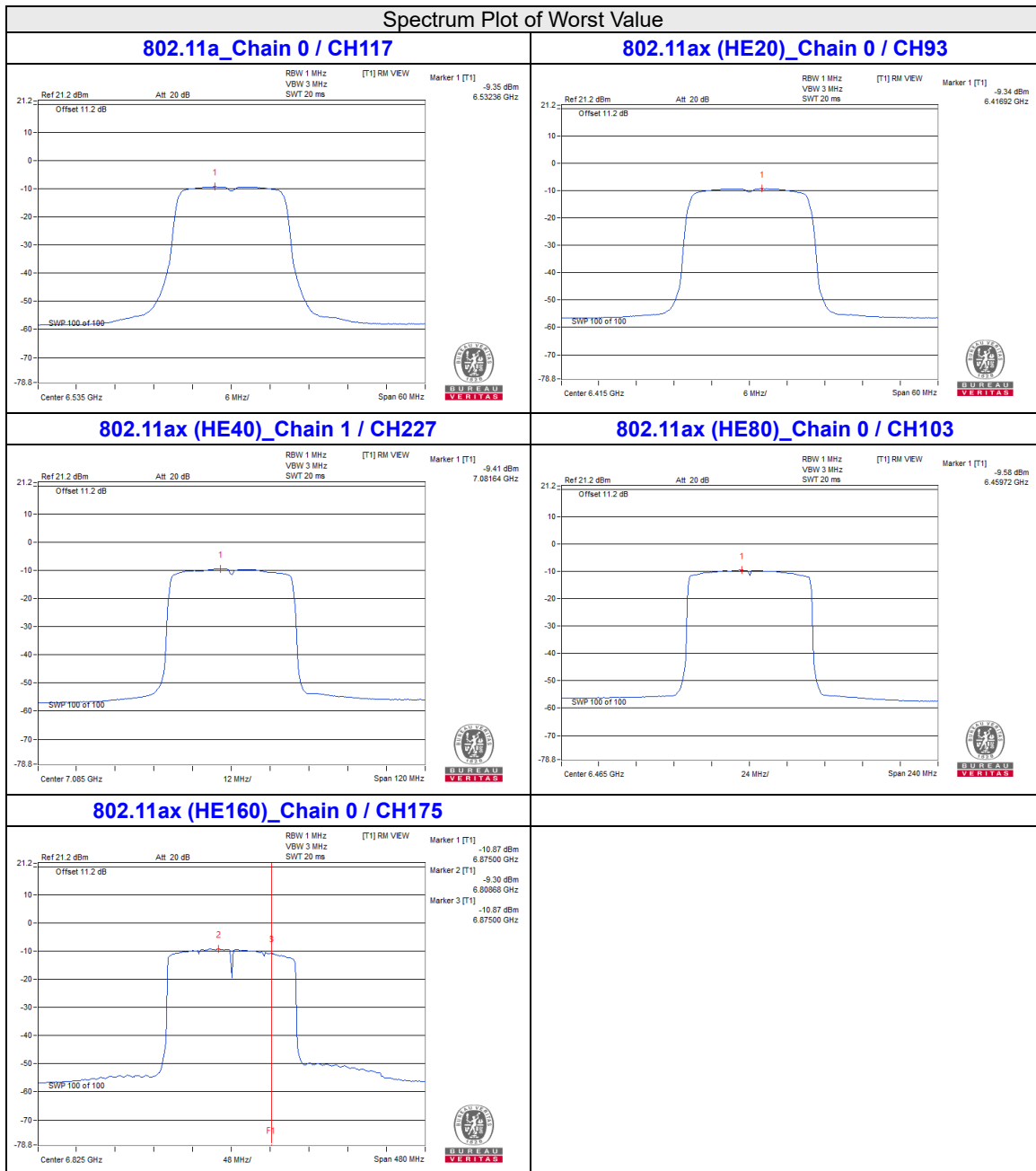
Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
3	5965	-9.95	-10.04	-6.98	5.40	-1.58	-1.00	Pass
43	6165	-9.68	-9.79	-6.72	5.40	-1.32	-1.00	Pass
91	6405	-9.69	-9.72	-6.69	5.40	-1.29	-1.00	Pass
99	6445	-9.51	-9.60	-6.54	5.40	-1.14	-1.00	Pass
107	6485	-9.86	-9.95	-6.90	5.40	-1.50	-1.00	Pass
115	6525	-9.70	-9.82	-6.75	5.40	-1.35	-1.00	Pass
123	6565	-9.56	-9.68	-6.61	5.40	-1.21	-1.00	Pass
155	6725	-9.98	-10.01	-6.98	5.40	-1.58	-1.00	Pass
179	6845	-9.71	-10.47	-7.06	5.40	-1.66	-1.00	Pass
187	6885	-9.87	-10.20	-7.02	5.40	-1.62	-1.00	Pass
211	7005	-9.67	-9.80	-6.72	5.40	-1.32	-1.00	Pass
227	7085	-9.70	-9.41	-6.54	5.40	-1.14	-1.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-9.80	-9.86	-6.82	5.40	-1.42	-1.00	Pass
39	6145	-10.00	-10.11	-7.04	5.40	-1.64	-1.00	Pass
87	6385	-9.67	-9.73	-6.69	5.40	-1.29	-1.00	Pass
103	6465	-9.58	-9.65	-6.61	5.40	-1.21	-1.00	Pass
119	6545	-9.63	-9.73	-6.67	5.40	-1.27	-1.00	Pass
151	6705	-9.87	-10.04	-6.94	5.40	-1.54	-1.00	Pass
183	6865	-9.87	-9.86	-6.86	5.40	-1.46	-1.00	Pass
199	6945	-9.64	-9.67	-6.65	5.40	-1.25	-1.00	Pass
215	7025	-9.91	-9.82	-6.86	5.40	-1.46	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-9.69	-9.36	-6.51	5.40	-1.11	-1.00	Pass
47	6185	-9.57	-9.40	-6.47	5.40	-1.07	-1.00	Pass
79	6345	-9.76	-9.88	-6.81	5.40	-1.41	-1.00	Pass
111	6505	-10.00	-9.69	-6.83	5.40	-1.43	-1.00	Pass
143	6665	-9.64	-9.81	-6.71	5.40	-1.31	-1.00	Pass
175	6825	-9.30	-9.57	-6.42	5.40	-1.02	-1.00	Pass
207	6985	-9.39	-9.64	-6.50	5.40	-1.10	-1.00	Pass



1TX
802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-6.10	4.63	-1.47	-1.00	Pass
45	6175	-7.42	4.63	-2.79	-1.00	Pass
93	6415	-6.66	4.63	-2.03	-1.00	Pass
97	6435	-7.14	4.63	-2.51	-1.00	Pass
105	6475	-6.94	4.63	-2.31	-1.00	Pass
113	6515	-7.28	4.63	-2.65	-1.00	Pass
117	6535	-7.00	4.63	-2.37	-1.00	Pass
149	6695	-7.50	4.63	-2.87	-1.00	Pass
181	6855	-7.64	4.63	-3.01	-1.00	Pass
185	6875	-8.47	4.63	-3.84	-1.00	Pass
209	6995	-7.53	4.63	-2.90	-1.00	Pass
233	7115	-6.97	4.63	-2.34	-1.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-6.20	4.63	-1.57	-1.00	Pass
45	6175	-7.34	4.63	-2.71	-1.00	Pass
93	6415	-6.73	4.63	-2.10	-1.00	Pass
97	6435	-7.50	4.63	-2.87	-1.00	Pass
105	6475	-7.33	4.63	-2.70	-1.00	Pass
113	6515	-6.90	4.63	-2.27	-1.00	Pass
117	6535	-7.35	4.63	-2.72	-1.00	Pass
149	6695	-7.40	4.63	-2.77	-1.00	Pass
181	6855	-7.61	4.63	-2.98	-1.00	Pass
185	6875	-7.92	4.63	-3.29	-1.00	Pass
209	6995	-7.41	4.63	-2.78	-1.00	Pass
233	7115	-7.68	4.63	-3.05	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-7.50	4.63	-2.87	-1.00	Pass
43	6165	-7.59	4.63	-2.96	-1.00	Pass
91	6405	-7.23	4.63	-2.60	-1.00	Pass
99	6445	-7.16	4.63	-2.53	-1.00	Pass
107	6485	-7.48	4.63	-2.85	-1.00	Pass
115	6525	-9.07	4.63	-4.44	-1.00	Pass
123	6565	-9.08	4.63	-4.45	-1.00	Pass
155	6725	-8.54	4.63	-3.91	-1.00	Pass
179	6845	-7.40	4.63	-2.77	-1.00	Pass
187	6885	-7.18	4.63	-2.55	-1.00	Pass
211	7005	-6.54	4.63	-1.91	-1.00	Pass
227	7085	-6.42	4.63	-1.79	-1.00	Pass

802.11ax (HE80)

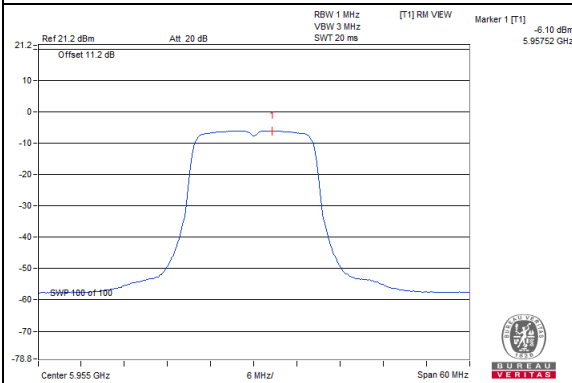
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-7.42	4.63	-2.79	-1.00	Pass
39	6145	-10.16	4.63	-5.53	-1.00	Pass
87	6385	-9.40	4.63	-4.77	-1.00	Pass
103	6465	-8.79	4.63	-4.16	-1.00	Pass
119	6545	-9.44	4.63	-4.81	-1.00	Pass
151	6705	-7.66	4.63	-3.03	-1.00	Pass
183	6865	-7.71	4.63	-3.08	-1.00	Pass
199	6945	-7.66	4.63	-3.03	-1.00	Pass
215	7025	-7.46	4.63	-2.83	-1.00	Pass

802.11ax (HE160)

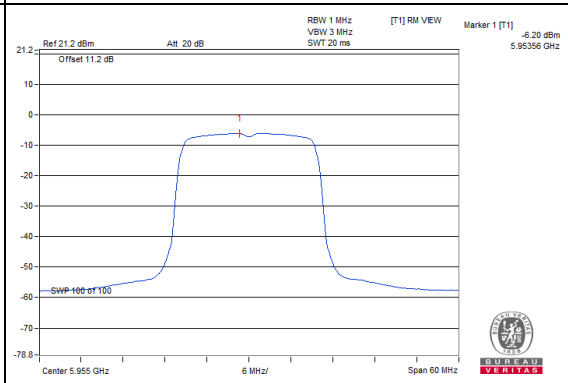
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-6.53	4.63	-1.90	-1.00	Pass
47	6185	-7.47	4.63	-2.84	-1.00	Pass
79	6345	-7.30	4.63	-2.67	-1.00	Pass
111	6505	-7.42	4.63	-2.79	-1.00	Pass
143	6665	-7.36	4.63	-2.73	-1.00	Pass
175	6825	-8.92	4.63	-4.29	-1.00	Pass
207	6985	-7.28	4.63	-2.65	-1.00	Pass

Spectrum Plot of Worst Value

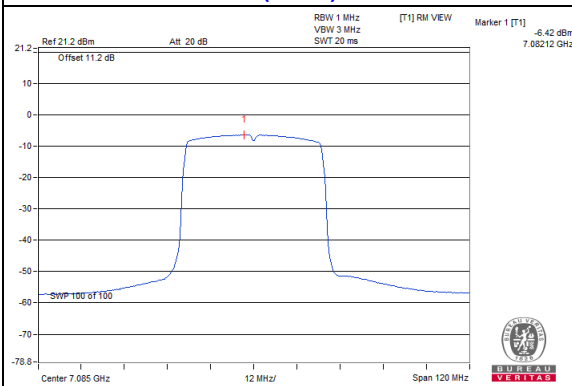
802.11a / CH1



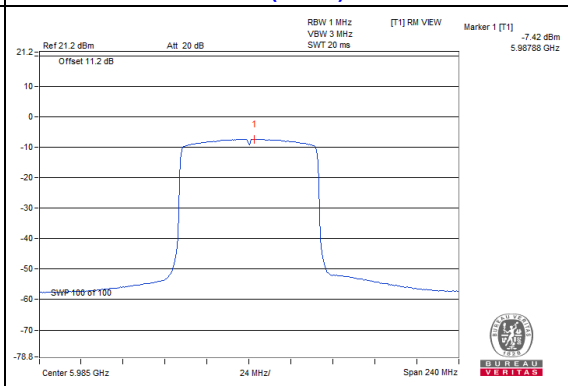
802.11ax (HE20) / CH1



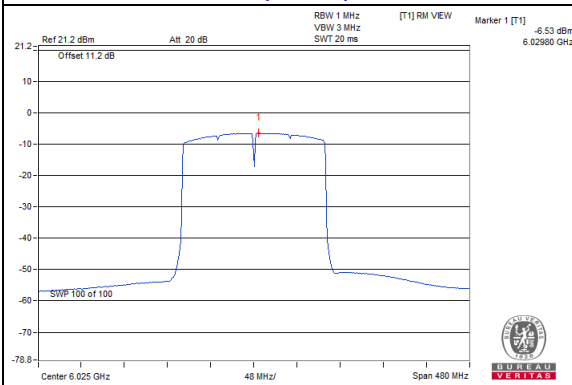
802.11ax (HE40) / CH27



802.11ax (HE80) / CH7



802.11ax (HE160) / CH15



Partial RU

2TX

RU26

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
1	5955	-9.71	-9.59	-6.64	5.40	-1.24	-1.00	Pass
45	6175	-10.00	-10.02	-7.00	5.40	-1.60	-1.00	Pass
93	6415	-10.10	-10.12	-7.10	5.40	-1.70	-1.00	Pass
97	6435	-9.62	-9.63	-6.62	5.40	-1.22	-1.00	Pass
105	6475	-9.95	-9.79	-6.86	5.40	-1.46	-1.00	Pass
113	6515	-9.81	-9.75	-6.77	5.40	-1.37	-1.00	Pass
117	6535	-9.84	-9.82	-6.82	5.40	-1.42	-1.00	Pass
149	6695	-9.40	-9.67	-6.52	5.40	-1.12	-1.00	Pass
181	6855	-9.50	-9.61	-6.54	5.40	-1.14	-1.00	Pass
185	6875	-10.01	-10.00	-6.99	5.40	-1.59	-1.00	Pass
209	6995	-9.96	-9.84	-6.89	5.40	-1.49	-1.00	Pass
233	7115	-10.44	-10.34	-7.38	5.40	-1.98	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
3	5965	-9.71	-9.74	-6.98	5.40	-1.58	-1.00	Pass
43	6165	-9.51	-9.99	-6.72	5.40	-1.32	-1.00	Pass
91	6405	-9.49	-9.48	-6.47	5.40	-1.07	-1.00	Pass
99	6445	-9.65	-9.53	-6.54	5.40	-1.14	-1.00	Pass
107	6485	-9.82	-9.81	-6.90	5.40	-1.50	-1.00	Pass
115	6525	-9.61	-9.58	-6.75	5.40	-1.35	-1.00	Pass
123	6565	-9.91	-9.84	-6.61	5.40	-1.21	-1.00	Pass
155	6725	-9.91	-10.23	-6.98	5.40	-1.58	-1.00	Pass
179	6845	-9.61	-9.71	-7.06	5.40	-1.66	-1.00	Pass
187	6885	-9.85	-9.97	-7.02	5.40	-1.62	-1.00	Pass
211	7005	-9.62	-9.69	-6.72	5.40	-1.32	-1.00	Pass
227	7085	-9.79	-9.92	-6.54	5.40	-1.14	-1.00	Pass

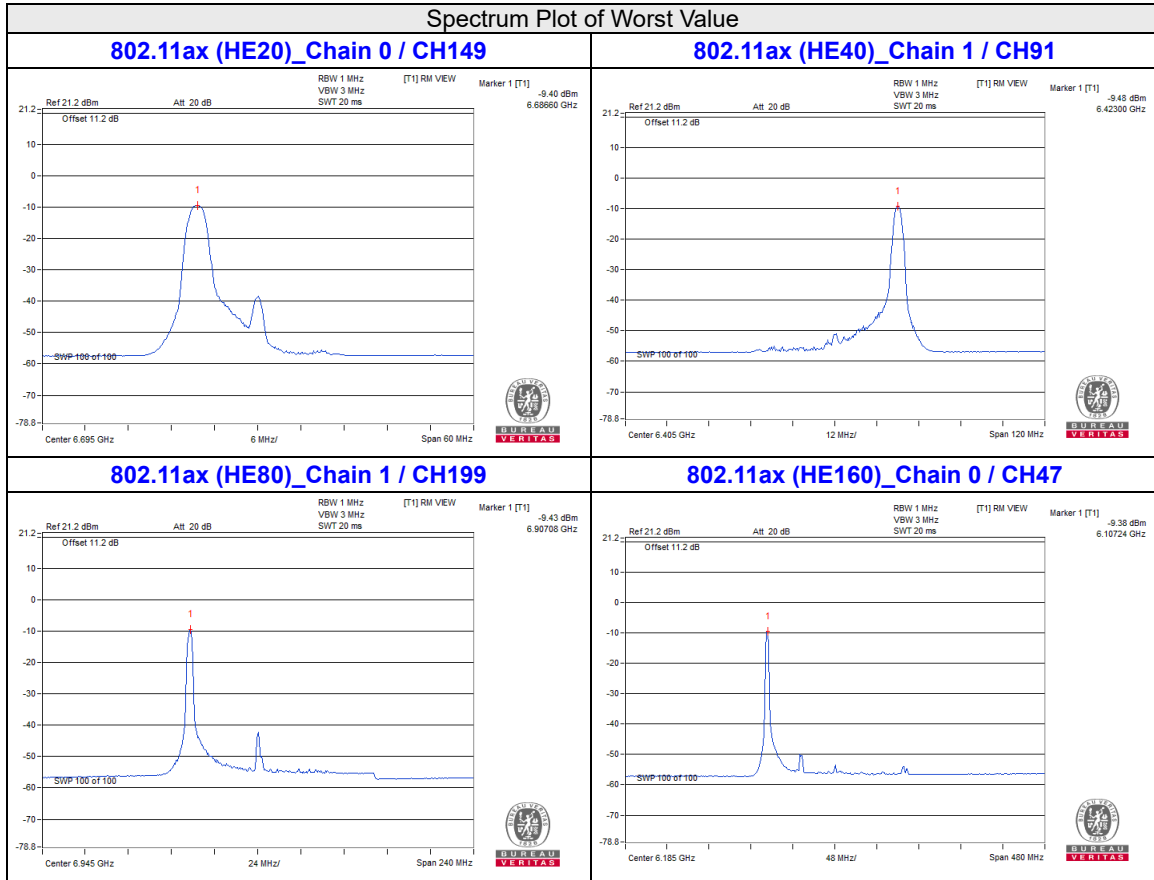
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-9.44	-9.78	-6.60	5.40	-1.20	-1.00	Pass
39	6145	-10.03	-10.06	-7.03	5.40	-1.63	-1.00	Pass
87	6385	-9.72	-9.62	-6.66	5.40	-1.26	-1.00	Pass
103	6465	-10.09	-9.78	-6.92	5.40	-1.52	-1.00	Pass
119	6545	-10.41	-10.24	-7.31	5.40	-1.91	-1.00	Pass
151	6705	-9.56	-9.84	-6.69	5.40	-1.29	-1.00	Pass
183	6865	-10.82	-10.97	-7.88	5.40	-2.48	-1.00	Pass
199	6945	-9.85	-9.43	-6.63	5.40	-1.23	-1.00	Pass
215	7025	-10.09	-10.08	-7.07	5.40	-1.67	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-9.60	-9.85	-6.71	5.40	-1.31	-1.00	Pass
47	6185	-9.38	-9.65	-6.50	5.40	-1.10	-1.00	Pass
79	6345	-9.47	-9.42	-6.43	5.40	-1.03	-1.00	Pass
111	6505	-10.44	-10.63	-7.52	5.40	-2.12	-1.00	Pass
143	6665	-9.58	-10.04	-6.79	5.40	-1.39	-1.00	Pass
175	6825	-9.62	-10.39	-6.98	5.40	-1.58	-1.00	Pass
207	6985	-10.39	-10.55	-7.46	5.40	-2.06	-1.00	Pass

Spectrum Plot of Worst Value



RU52
802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
1	5955	-9.91	-9.20	-6.53	5.40	-1.13	-1.00	Pass
45	6175	-9.63	-9.45	-6.53	5.40	-1.13	-1.00	Pass
93	6415	-9.48	-9.41	-6.43	5.40	-1.03	-1.00	Pass
97	6435	-9.80	-9.71	-6.74	5.40	-1.34	-1.00	Pass
105	6475	-9.63	-9.43	-6.52	5.40	-1.12	-1.00	Pass
113	6515	-9.34	-9.58	-6.45	5.40	-1.05	-1.00	Pass
117	6535	-9.49	-9.38	-6.42	5.40	-1.02	-1.00	Pass
149	6695	-9.56	-9.33	-6.43	5.40	-1.03	-1.00	Pass
181	6855	-9.72	-9.55	-6.62	5.40	-1.22	-1.00	Pass
185	6875	-9.71	-9.74	-6.71	5.40	-1.31	-1.00	Pass
209	6995	-9.91	-9.34	-6.61	5.40	-1.21	-1.00	Pass
233	7115	-9.53	-9.59	-6.55	5.40	-1.15	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
3	5965	-9.59	-9.38	-6.47	5.40	-1.07	-1.00	Pass
43	6165	-9.96	-9.74	-6.84	5.40	-1.44	-1.00	Pass
91	6405	-9.45	-9.41	-6.42	5.40	-1.02	-1.00	Pass
99	6445	-10.05	-9.88	-6.95	5.40	-1.55	-1.00	Pass
107	6485	-9.65	-9.43	-6.53	5.40	-1.13	-1.00	Pass
115	6525	-9.40	-9.64	-6.51	5.40	-1.11	-1.00	Pass
123	6565	-9.70	-9.66	-6.67	5.40	-1.27	-1.00	Pass
155	6725	-9.81	-9.66	-6.72	5.40	-1.32	-1.00	Pass
179	6845	-9.59	-9.35	-6.46	5.40	-1.06	-1.00	Pass
187	6885	-9.91	-10.04	-6.96	5.40	-1.56	-1.00	Pass
211	7005	-9.54	-9.42	-6.47	5.40	-1.07	-1.00	Pass
227	7085	-9.86	-9.88	-6.86	5.40	-1.46	-1.00	Pass

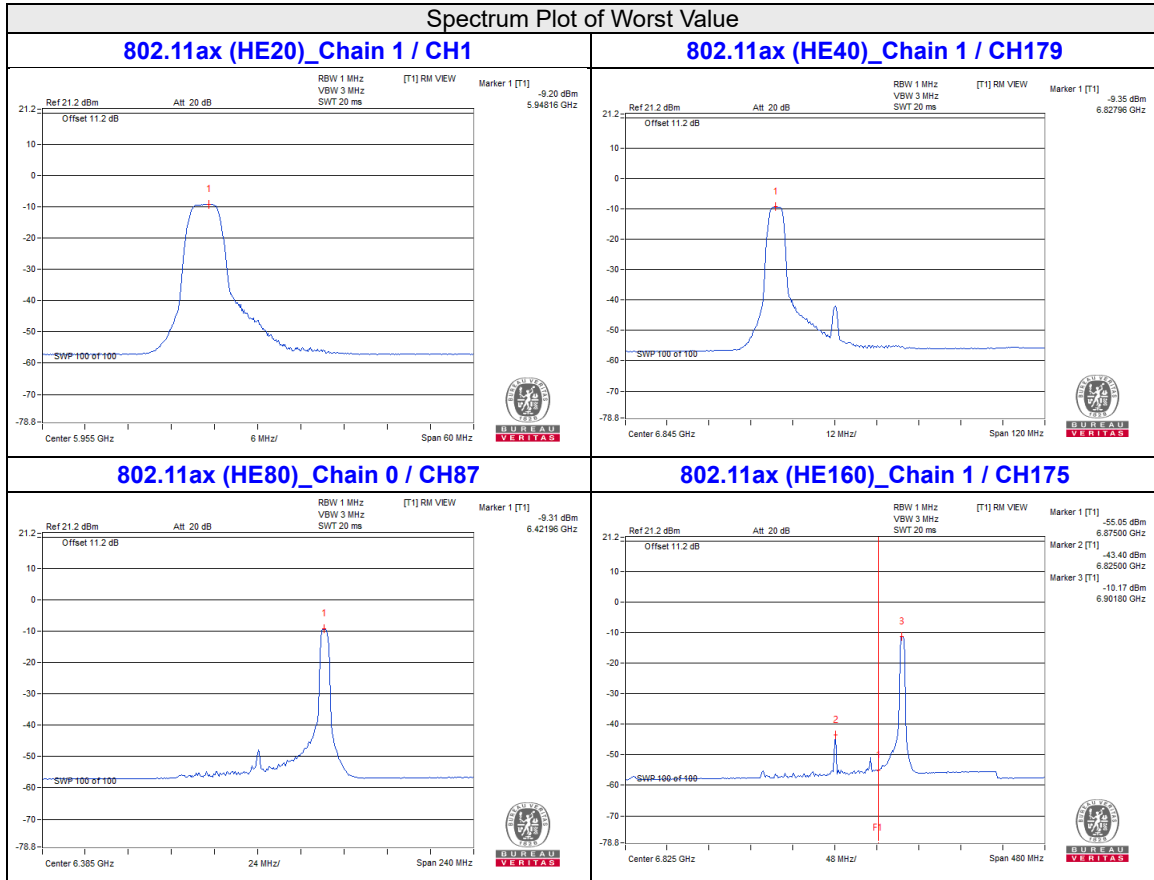
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-9.77	-9.67	-6.71	5.40	-1.31	-1.00	Pass
39	6145	-9.77	-9.65	-6.70	5.40	-1.30	-1.00	Pass
87	6385	-9.31	-9.67	-6.48	5.40	-1.08	-1.00	Pass
103	6465	-9.63	-9.44	-6.52	5.40	-1.12	-1.00	Pass
119	6545	-10.06	-10.05	-7.04	5.40	-1.64	-1.00	Pass
151	6705	-9.78	-9.66	-6.71	5.40	-1.31	-1.00	Pass
183	6865	-10.47	-10.55	-7.50	5.40	-2.10	-1.00	Pass
199	6945	-9.54	-9.65	-6.58	5.40	-1.18	-1.00	Pass
215	7025	-10.31	-10.23	-7.26	5.40	-1.86	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-9.70	-9.75	-6.71	5.40	-1.31	-1.00	Pass
47	6185	-9.86	-9.69	-6.76	5.40	-1.36	-1.00	Pass
79	6345	-9.76	-9.78	-6.76	5.40	-1.36	-1.00	Pass
111	6505	-10.28	-10.21	-7.23	5.40	-1.83	-1.00	Pass
143	6665	-9.43	-9.86	-6.63	5.40	-1.23	-1.00	Pass
175	6825	-10.39	-9.23	-6.76	5.40	-1.36	-1.00	Pass
207	6985	-10.26	-9.78	-7.00	5.40	-1.60	-1.00	Pass

Spectrum Plot of Worst Value



RU106
802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
1	5955	-9.69	-9.78	-6.72	5.40	-1.32	-1.00	Pass
45	6175	-9.61	-9.57	-6.58	5.40	-1.18	-1.00	Pass
93	6415	-9.69	-9.56	-6.61	5.40	-1.21	-1.00	Pass
97	6435	-9.71	-9.73	-6.71	5.40	-1.31	-1.00	Pass
105	6475	-9.95	-10.03	-6.98	5.40	-1.58	-1.00	Pass
113	6515	-9.87	-9.80	-6.82	5.40	-1.42	-1.00	Pass
117	6535	-9.47	-9.42	-6.43	5.40	-1.03	-1.00	Pass
149	6695	-9.85	-9.80	-6.82	5.40	-1.42	-1.00	Pass
181	6855	-9.55	-9.58	-6.55	5.40	-1.15	-1.00	Pass
185	6875	-10.14	-10.05	-7.08	5.40	-1.68	-1.00	Pass
209	6995	-9.76	-9.77	-6.76	5.40	-1.36	-1.00	Pass
233	7115	-9.85	-9.81	-6.82	5.40	-1.42	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
3	5965	-9.83	-9.83	-6.82	5.40	-1.42	-1.00	Pass
43	6165	-9.67	-9.61	-6.63	5.40	-1.23	-1.00	Pass
91	6405	-9.71	-9.59	-6.64	5.40	-1.24	-1.00	Pass
99	6445	-9.79	-9.82	-6.79	5.40	-1.39	-1.00	Pass
107	6485	-9.63	-9.60	-6.61	5.40	-1.21	-1.00	Pass
115	6525	-9.59	-9.57	-6.57	5.40	-1.17	-1.00	Pass
123	6565	-9.65	-9.56	-6.59	5.40	-1.19	-1.00	Pass
155	6725	-9.61	-9.72	-6.65	5.40	-1.25	-1.00	Pass
179	6845	-9.44	-9.86	-6.64	5.40	-1.24	-1.00	Pass
187	6885	-10.22	-10.14	-7.17	5.40	-1.77	-1.00	Pass
211	7005	-9.78	-9.90	-6.83	5.40	-1.43	-1.00	Pass
227	7085	-10.07	-10.01	-7.03	5.40	-1.63	-1.00	Pass

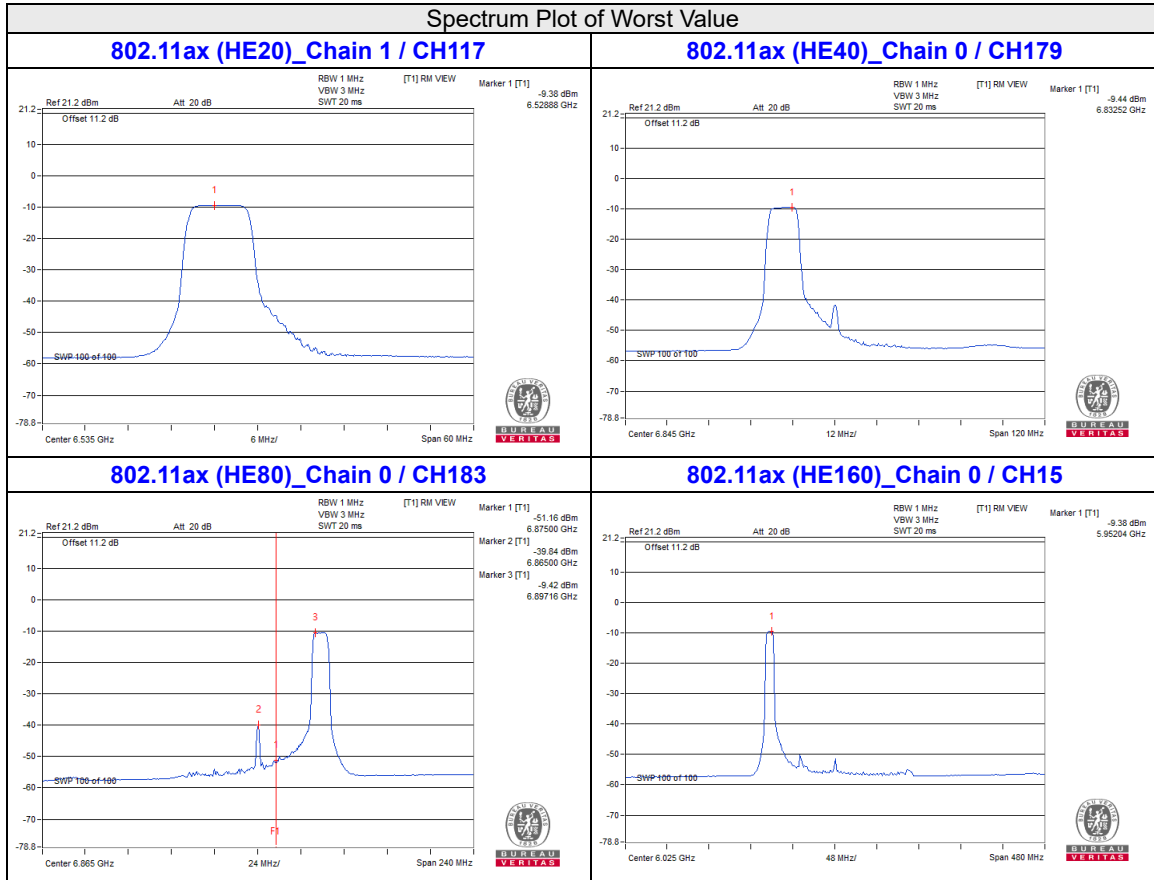
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-9.82	-9.89	-6.84	5.40	-1.44	-1.00	Pass
39	6145	-10.22	-10.51	-7.35	5.40	-1.95	-1.00	Pass
87	6385	-9.87	-9.74	-6.79	5.40	-1.39	-1.00	Pass
103	6465	-9.88	-9.87	-6.87	5.40	-1.47	-1.00	Pass
119	6545	-10.40	-10.47	-7.42	5.40	-2.02	-1.00	Pass
151	6705	-9.87	-9.99	-6.92	5.40	-1.52	-1.00	Pass
183	6865	-9.42	-10.41	-6.88	5.40	-1.48	-1.00	Pass
199	6945	-9.64	-9.71	-6.67	5.40	-1.27	-1.00	Pass
215	7025	-9.71	-10.62	-7.13	5.40	-1.73	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-9.38	-9.56	-6.46	5.40	-1.06	-1.00	Pass
47	6185	-9.58	-9.49	-6.52	5.40	-1.12	-1.00	Pass
79	6345	-9.70	-9.86	-6.77	5.40	-1.37	-1.00	Pass
111	6505	-9.83	-10.98	-7.36	5.40	-1.96	-1.00	Pass
143	6665	-9.68	-9.75	-6.70	5.40	-1.30	-1.00	Pass
175	6825	-10.32	-10.55	-7.42	5.40	-2.02	-1.00	Pass
207	6985	-10.38	-10.50	-7.43	5.40	-2.03	-1.00	Pass

Spectrum Plot of Worst Value



RU242
802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
1	5955	-9.62	-9.47	-6.53	5.40	-1.13	-1.00	Pass
45	6175	-9.45	-9.39	-6.41	5.40	-1.01	-1.00	Pass
93	6415	-9.90	-9.95	-6.91	5.40	-1.51	-1.00	Pass
97	6435	-9.63	-9.54	-6.57	5.40	-1.17	-1.00	Pass
105	6475	-10.14	-9.69	-6.90	5.40	-1.50	-1.00	Pass
113	6515	-9.88	-9.85	-6.86	5.40	-1.46	-1.00	Pass
117	6535	-9.59	-9.57	-6.57	5.40	-1.17	-1.00	Pass
149	6695	-9.56	-9.36	-6.45	5.40	-1.05	-1.00	Pass
181	6855	-9.68	-9.57	-6.61	5.40	-1.21	-1.00	Pass
185	6875	-9.92	-9.89	-6.90	5.40	-1.50	-1.00	Pass
209	6995	-9.53	-9.54	-6.52	5.40	-1.12	-1.00	Pass
233	7115	-9.61	-10.04	-6.81	5.40	-1.41	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
3	5965	-9.23	-10.27	-6.71	5.40	-1.31	-1.00	Pass
43	6165	-9.44	-9.67	-6.54	5.40	-1.14	-1.00	Pass
91	6405	-9.78	-9.57	-6.66	5.40	-1.26	-1.00	Pass
99	6445	-9.90	-9.79	-6.83	5.40	-1.43	-1.00	Pass
107	6485	-9.66	-9.65	-6.65	5.40	-1.25	-1.00	Pass
115	6525	-9.41	-9.62	-6.50	5.40	-1.10	-1.00	Pass
123	6565	-9.81	-9.78	-6.78	5.40	-1.38	-1.00	Pass
155	6725	-9.70	-10.22	-6.94	5.40	-1.54	-1.00	Pass
179	6845	-9.59	-9.44	-6.50	5.40	-1.10	-1.00	Pass
187	6885	-9.61	-9.42	-6.50	5.40	-1.10	-1.00	Pass
211	7005	-9.08	-10.10	-6.55	5.40	-1.15	-1.00	Pass
227	7085	-10.10	-10.09	-7.08	5.40	-1.68	-1.00	Pass

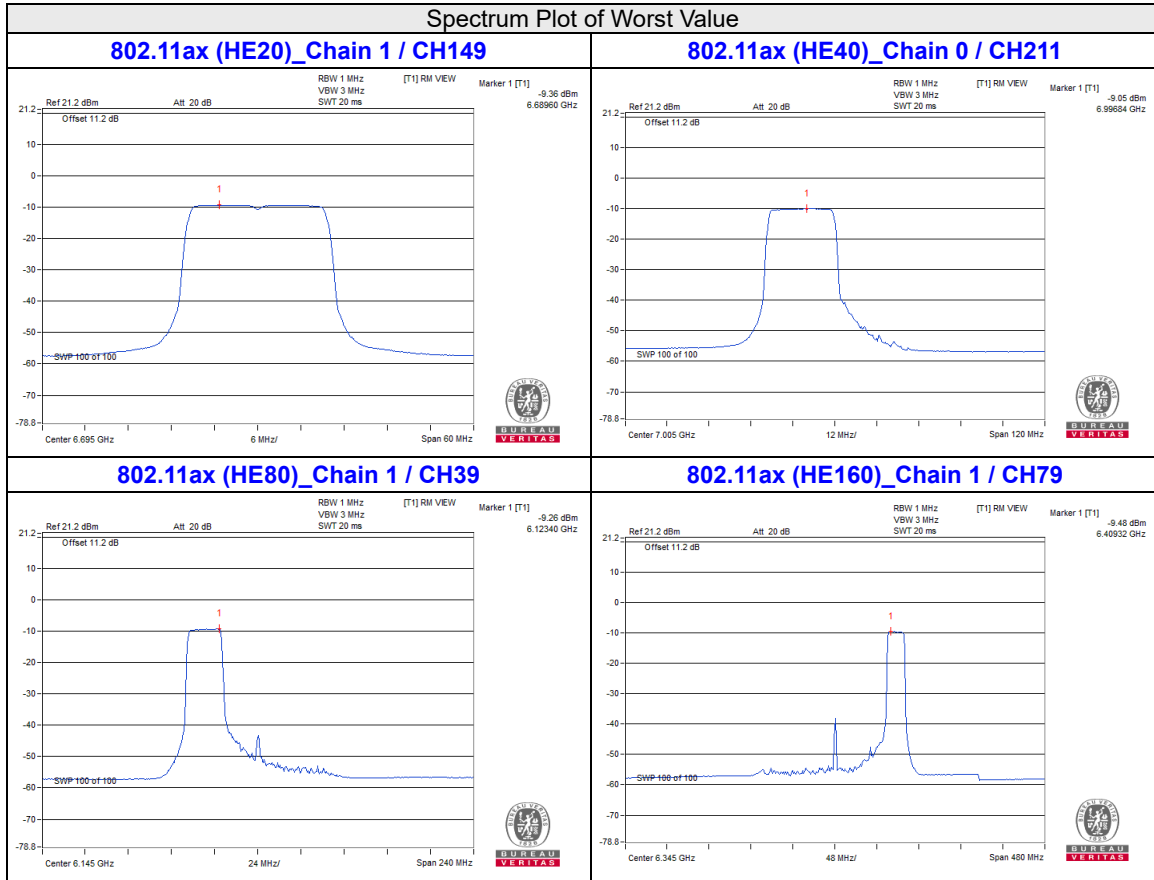
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-9.27	-9.88	-6.55	5.40	-1.15	-1.00	Pass
39	6145	-9.59	-9.26	-6.41	5.40	-1.01	-1.00	Pass
87	6385	-9.57	-9.54	-6.54	5.40	-1.14	-1.00	Pass
103	6465	-9.80	-9.48	-6.63	5.40	-1.23	-1.00	Pass
119	6545	-10.29	-10.28	-7.27	5.40	-1.87	-1.00	Pass
151	6705	-9.93	-9.64	-6.77	5.40	-1.37	-1.00	Pass
183	6865	-10.27	-10.27	-7.26	5.40	-1.86	-1.00	Pass
199	6945	-9.63	-9.30	-6.45	5.40	-1.05	-1.00	Pass
215	7025	-9.91	-9.92	-6.90	5.40	-1.50	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-9.59	-9.57	-6.57	5.40	-1.17	-1.00	Pass
47	6185	-9.63	-9.59	-6.60	5.40	-1.20	-1.00	Pass
79	6345	-9.90	-9.50	-6.69	5.40	-1.29	-1.00	Pass
111	6505	-9.63	-10.82	-7.17	5.40	-1.77	-1.00	Pass
143	6665	-9.72	-9.68	-6.69	5.40	-1.29	-1.00	Pass
175	6825	-10.09	-9.95	-7.01	5.40	-1.61	-1.00	Pass
207	6985	-10.40	-10.34	-7.36	5.40	-1.96	-1.00	Pass

Spectrum Plot of Worst Value



RU484
802.11ax (HE40)

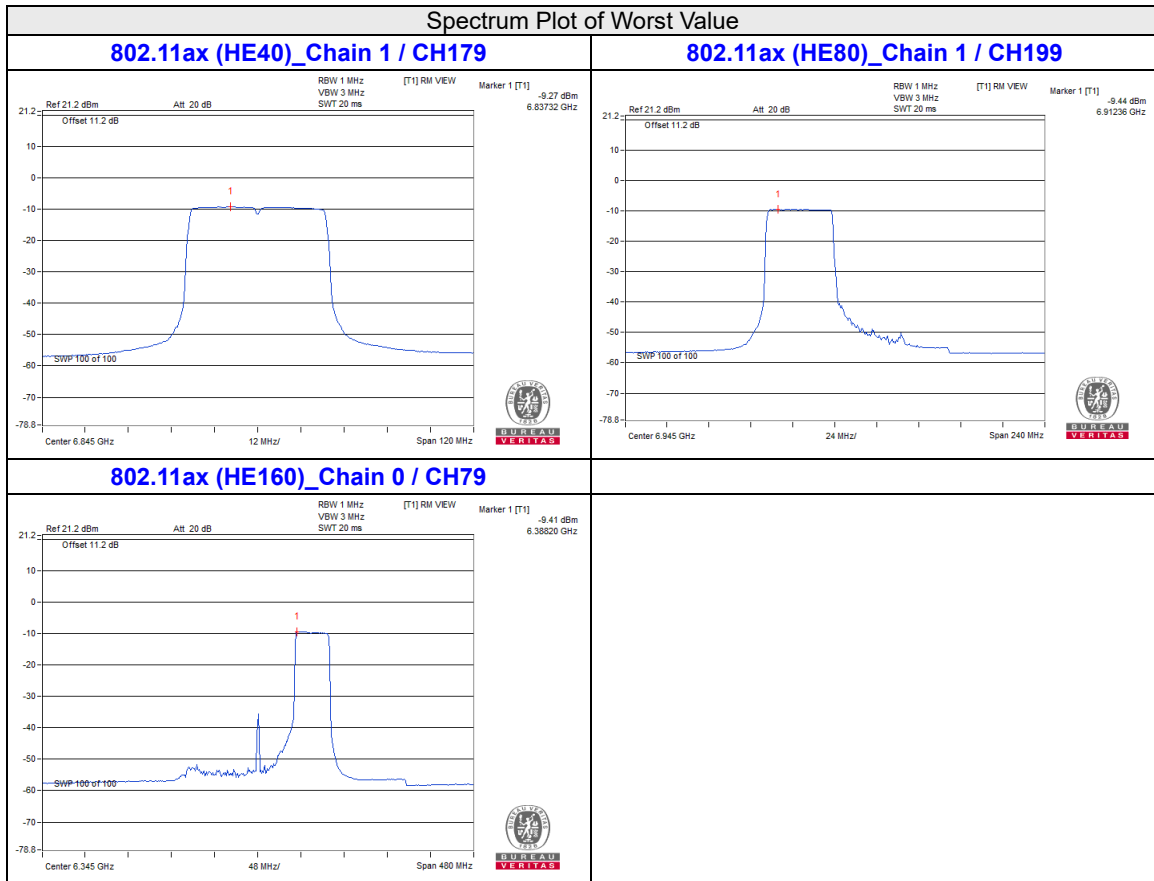
Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
3	5965	-9.78	-9.65	-6.70	5.40	-1.30	-1.00	Pass
43	6165	-9.95	-9.89	-6.91	5.40	-1.51	-1.00	Pass
91	6405	-9.82	-9.80	-6.80	5.40	-1.40	-1.00	Pass
99	6445	-9.64	-9.63	-6.63	5.40	-1.23	-1.00	Pass
107	6485	-9.96	-10.00	-6.97	5.40	-1.57	-1.00	Pass
115	6525	-9.85	-9.78	-6.80	5.40	-1.40	-1.00	Pass
123	6565	-9.81	-9.68	-6.73	5.40	-1.33	-1.00	Pass
155	6725	-9.67	-9.77	-6.71	5.40	-1.31	-1.00	Pass
179	6845	-9.63	-9.29	-6.45	5.40	-1.05	-1.00	Pass
187	6885	-9.79	-9.62	-6.69	5.40	-1.29	-1.00	Pass
211	7005	-9.95	-10.04	-6.98	5.40	-1.58	-1.00	Pass
227	7085	-9.51	-9.51	-6.50	5.40	-1.10	-1.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-9.75	-9.80	-6.77	5.40	-1.37	-1.00	Pass
39	6145	-9.69	-9.69	-6.68	5.40	-1.28	-1.00	Pass
87	6385	-9.45	-9.55	-6.49	5.40	-1.09	-1.00	Pass
103	6465	-9.77	-9.74	-6.74	5.40	-1.34	-1.00	Pass
119	6545	-9.51	-9.62	-6.55	5.40	-1.15	-1.00	Pass
151	6705	-9.55	-9.59	-6.56	5.40	-1.16	-1.00	Pass
183	6865	-9.97	-9.67	-6.81	5.40	-1.41	-1.00	Pass
199	6945	-9.50	-9.44	-6.46	5.40	-1.06	-1.00	Pass
215	7025	-9.55	-9.64	-6.58	5.40	-1.18	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-9.72	-9.66	-6.68	5.40	-1.28	-1.00	Pass
47	6185	-9.72	-9.75	-6.72	5.40	-1.32	-1.00	Pass
79	6345	-9.46	-9.50	-6.47	5.40	-1.07	-1.00	Pass
111	6505	-9.95	-10.51	-7.21	5.40	-1.81	-1.00	Pass
143	6665	-9.81	-9.84	-6.82	5.40	-1.42	-1.00	Pass
175	6825	-10.39	-10.13	-7.25	5.40	-1.85	-1.00	Pass
207	6985	-9.87	-10.52	-7.17	5.40	-1.77	-1.00	Pass



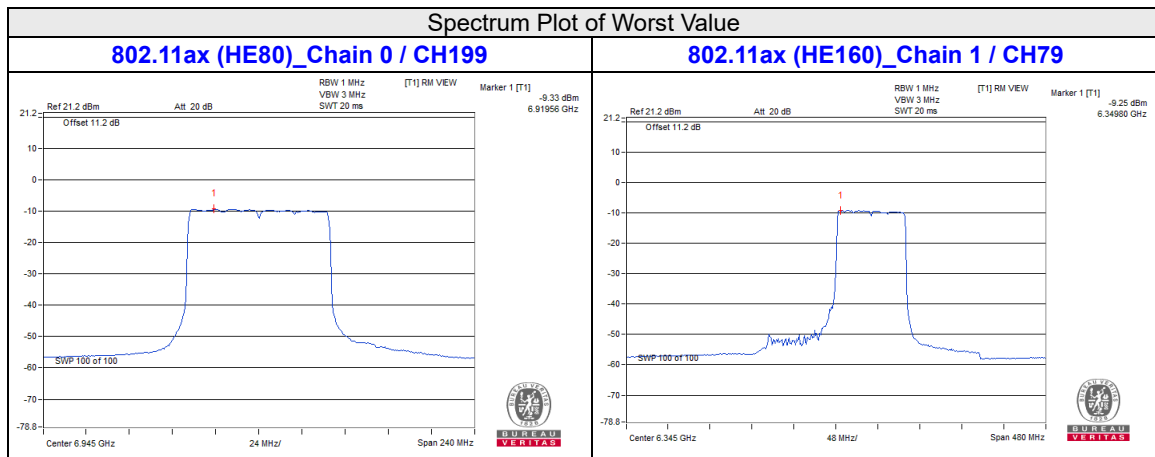
RU996

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
7	5985	-9.54	-9.46	-6.49	5.40	-1.09	-1.00	Pass
39	6145	-9.70	-9.66	-6.67	5.40	-1.27	-1.00	Pass
87	6385	-9.66	-9.50	-6.57	5.40	-1.17	-1.00	Pass
103	6465	-9.98	-10.01	-6.98	5.40	-1.58	-1.00	Pass
119	6545	-9.90	-9.58	-6.73	5.40	-1.33	-1.00	Pass
151	6705	-9.84	-10.05	-6.93	5.40	-1.53	-1.00	Pass
183	6865	-9.46	-9.83	-6.63	5.40	-1.23	-1.00	Pass
199	6945	-9.33	-9.66	-6.48	5.40	-1.08	-1.00	Pass
215	7025	-9.91	-9.86	-6.87	5.40	-1.47	-1.00	Pass

802.11ax (HE160)

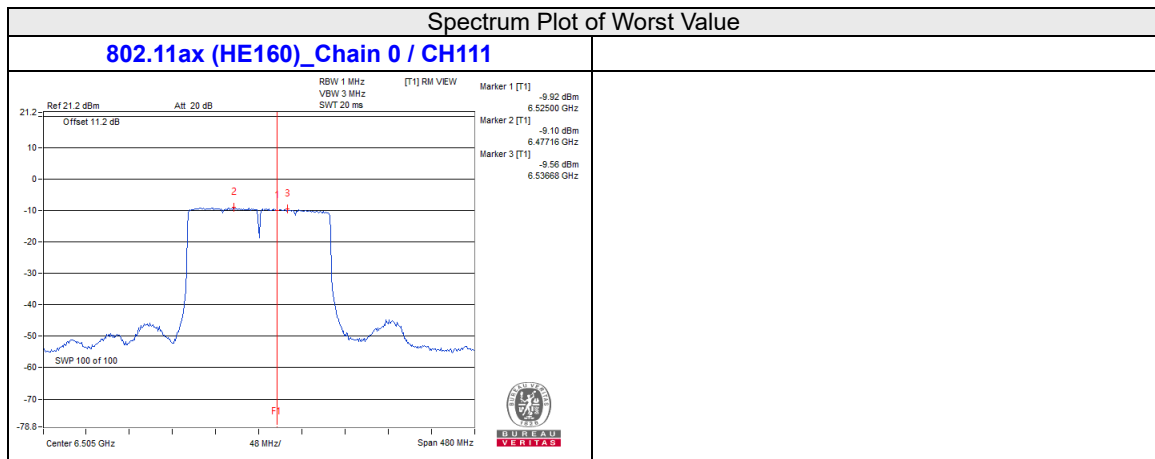
Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-9.51	-9.73	-6.61	5.40	-1.21	-1.00	Pass
47	6185	-9.79	-10.23	-6.99	5.40	-1.59	-1.00	Pass
79	6345	-10.00	-9.27	-6.61	5.40	-1.21	-1.00	Pass
111	6505	-9.70	-9.60	-6.64	5.40	-1.24	-1.00	Pass
143	6665	-9.61	-10.01	-6.80	5.40	-1.40	-1.00	Pass
175	6825	-9.66	-9.71	-6.68	5.40	-1.28	-1.00	Pass
207	6985	-9.93	-9.91	-6.91	5.40	-1.51	-1.00	Pass



RU1992

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1					
15	6025	-9.62	-9.85	-6.72	5.40	-1.32	-1.00	Pass
47	6185	-9.47	-9.99	-6.71	5.40	-1.31	-1.00	Pass
79	6345	-9.36	-9.75	-6.54	5.40	-1.14	-1.00	Pass
111	6505	-9.10	-10.17	-6.59	5.40	-1.19	-1.00	Pass
143	6665	-9.65	-9.73	-6.68	5.40	-1.28	-1.00	Pass
175	6825	-9.65	-9.24	-6.43	5.40	-1.03	-1.00	Pass
207	6985	-9.96	-9.97	-6.96	5.40	-1.56	-1.00	Pass



1TX

RU26

Chain 0

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-9.71	4.63	-5.08	-1.00	Pass
45	6175	-10.00	4.63	-5.37	-1.00	Pass
93	6415	-10.10	4.63	-5.47	-1.00	Pass
97	6435	-9.62	4.63	-4.99	-1.00	Pass
105	6475	-9.95	4.63	-5.32	-1.00	Pass
113	6515	-9.81	4.63	-5.18	-1.00	Pass
117	6535	-9.84	4.63	-5.21	-1.00	Pass
149	6695	-9.40	4.63	-4.77	-1.00	Pass
181	6855	-9.50	4.63	-4.87	-1.00	Pass
185	6875	-10.01	4.63	-5.38	-1.00	Pass
209	6995	-9.96	4.63	-5.33	-1.00	Pass
233	7115	-10.44	4.63	-5.81	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.71	4.63	-5.08	-1.00	Pass
43	6165	-9.51	4.63	-4.88	-1.00	Pass
91	6405	-9.49	4.63	-4.86	-1.00	Pass
99	6445	-9.65	4.63	-5.02	-1.00	Pass
107	6485	-9.82	4.63	-5.19	-1.00	Pass
115	6525	-9.61	4.63	-4.98	-1.00	Pass
123	6565	-9.91	4.63	-5.28	-1.00	Pass
155	6725	-9.91	4.63	-5.28	-1.00	Pass
179	6845	-9.61	4.63	-4.98	-1.00	Pass
187	6885	-9.85	4.63	-5.22	-1.00	Pass
211	7005	-9.62	4.63	-4.99	-1.00	Pass
227	7085	-9.79	4.63	-5.16	-1.00	Pass

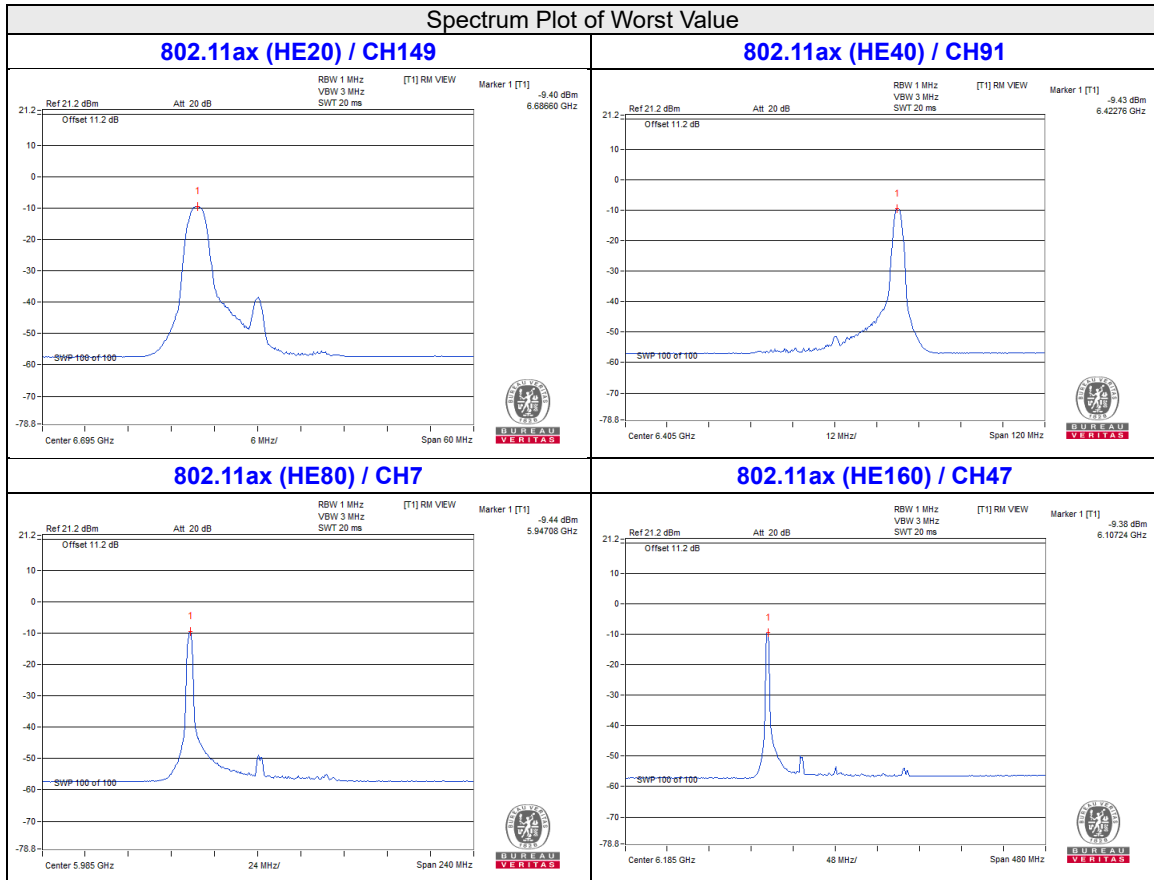
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.44	4.63	-4.81	-1.00	Pass
39	6145	-10.03	4.63	-5.40	-1.00	Pass
87	6385	-9.72	4.63	-5.09	-1.00	Pass
103	6465	-10.09	4.63	-5.46	-1.00	Pass
119	6545	-10.41	4.63	-5.78	-1.00	Pass
151	6705	-9.56	4.63	-4.93	-1.00	Pass
183	6865	-10.82	4.63	-6.19	-1.00	Pass
199	6945	-9.85	4.63	-5.22	-1.00	Pass
215	7025	-10.09	4.63	-5.46	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.60	4.63	-4.97	-1.00	Pass
47	6185	-9.38	4.63	-4.75	-1.00	Pass
79	6345	-9.47	4.63	-4.84	-1.00	Pass
111	6505	-10.44	4.63	-5.81	-1.00	Pass
143	6665	-9.58	4.63	-4.95	-1.00	Pass
175	6825	-9.62	4.63	-4.99	-1.00	Pass
207	6985	-10.39	4.63	-5.76	-1.00	Pass

Spectrum Plot of Worst Value



Chain 1

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-9.59	-0.64	-10.23	-1.00	Pass
45	6175	-10.02	-0.64	-10.66	-1.00	Pass
93	6415	-10.12	-0.64	-10.76	-1.00	Pass
97	6435	-9.63	-0.64	-10.27	-1.00	Pass
105	6475	-9.79	-0.64	-10.43	-1.00	Pass
113	6515	-9.75	-0.64	-10.39	-1.00	Pass
117	6535	-9.82	-0.64	-10.46	-1.00	Pass
149	6695	-9.67	-0.64	-10.31	-1.00	Pass
181	6855	-9.61	-0.64	-10.25	-1.00	Pass
185	6875	-10.00	-0.64	-10.64	-1.00	Pass
209	6995	-9.84	-0.64	-10.48	-1.00	Pass
233	7115	-10.34	-0.64	-10.98	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.74	-0.64	-10.38	-1.00	Pass
43	6165	-9.99	-0.64	-10.63	-1.00	Pass
91	6405	-9.48	-0.64	-10.12	-1.00	Pass
99	6445	-9.53	-0.64	-10.17	-1.00	Pass
107	6485	-9.81	-0.64	-10.45	-1.00	Pass
115	6525	-9.58	-0.64	-10.22	-1.00	Pass
123	6565	-9.84	-0.64	-10.48	-1.00	Pass
155	6725	-10.23	-0.64	-10.87	-1.00	Pass
179	6845	-9.71	-0.64	-10.35	-1.00	Pass
187	6885	-9.97	-0.64	-10.61	-1.00	Pass
211	7005	-9.69	-0.64	-10.33	-1.00	Pass
227	7085	-9.92	-0.64	-10.56	-1.00	Pass

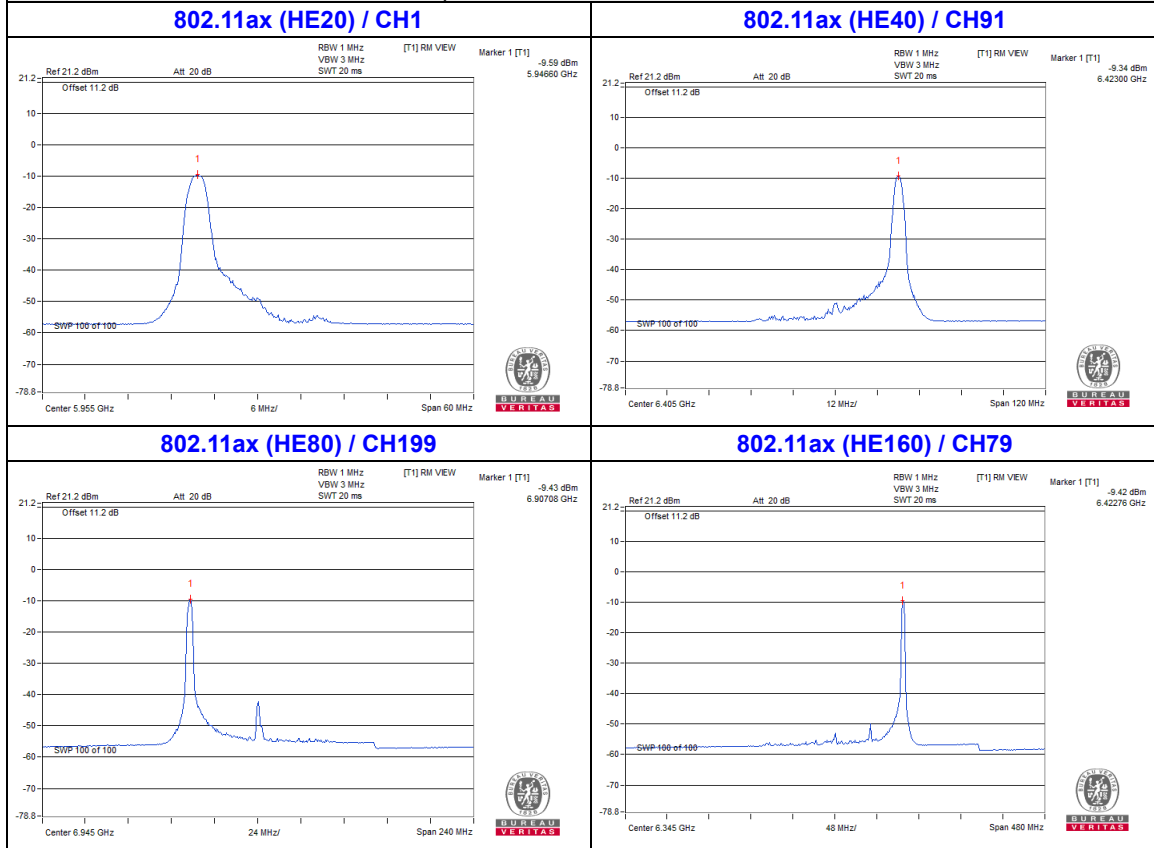
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.78	-0.64	-10.42	-1.00	Pass
39	6145	-10.06	-0.64	-10.70	-1.00	Pass
87	6385	-9.62	-0.64	-10.26	-1.00	Pass
103	6465	-9.78	-0.64	-10.42	-1.00	Pass
119	6545	-10.24	-0.64	-10.88	-1.00	Pass
151	6705	-9.84	-0.64	-10.48	-1.00	Pass
183	6865	-10.97	-0.64	-11.61	-1.00	Pass
199	6945	-9.43	-0.64	-10.07	-1.00	Pass
215	7025	-10.08	-0.64	-10.72	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.85	-0.64	-10.49	-1.00	Pass
47	6185	-9.65	-0.64	-10.29	-1.00	Pass
79	6345	-9.42	-0.64	-10.06	-1.00	Pass
111	6505	-10.63	-0.64	-11.27	-1.00	Pass
143	6665	-10.04	-0.64	-10.68	-1.00	Pass
175	6825	-10.39	-0.64	-11.03	-1.00	Pass
207	6985	-10.55	-0.64	-11.19	-1.00	Pass

Spectrum Plot of Worst Value



RU52

Chain 0

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-9.91	4.63	-5.28	-1.00	Pass
45	6175	-9.63	4.63	-5.00	-1.00	Pass
93	6415	-9.48	4.63	-4.85	-1.00	Pass
97	6435	-9.80	4.63	-5.17	-1.00	Pass
105	6475	-9.63	4.63	-5.00	-1.00	Pass
113	6515	-9.34	4.63	-4.71	-1.00	Pass
117	6535	-9.49	4.63	-4.86	-1.00	Pass
149	6695	-9.56	4.63	-4.93	-1.00	Pass
181	6855	-9.72	4.63	-5.09	-1.00	Pass
185	6875	-9.71	4.63	-5.08	-1.00	Pass
209	6995	-9.91	4.63	-5.28	-1.00	Pass
233	7115	-9.53	4.63	-4.90	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.59	4.63	-4.96	-1.00	Pass
43	6165	-9.96	4.63	-5.33	-1.00	Pass
91	6405	-9.45	4.63	-4.82	-1.00	Pass
99	6445	-10.05	4.63	-5.42	-1.00	Pass
107	6485	-9.65	4.63	-5.02	-1.00	Pass
115	6525	-9.40	4.63	-4.77	-1.00	Pass
123	6565	-9.70	4.63	-5.07	-1.00	Pass
155	6725	-9.81	4.63	-5.18	-1.00	Pass
179	6845	-9.59	4.63	-4.96	-1.00	Pass
187	6885	-9.91	4.63	-5.28	-1.00	Pass
211	7005	-9.54	4.63	-4.91	-1.00	Pass
227	7085	-9.86	4.63	-5.23	-1.00	Pass

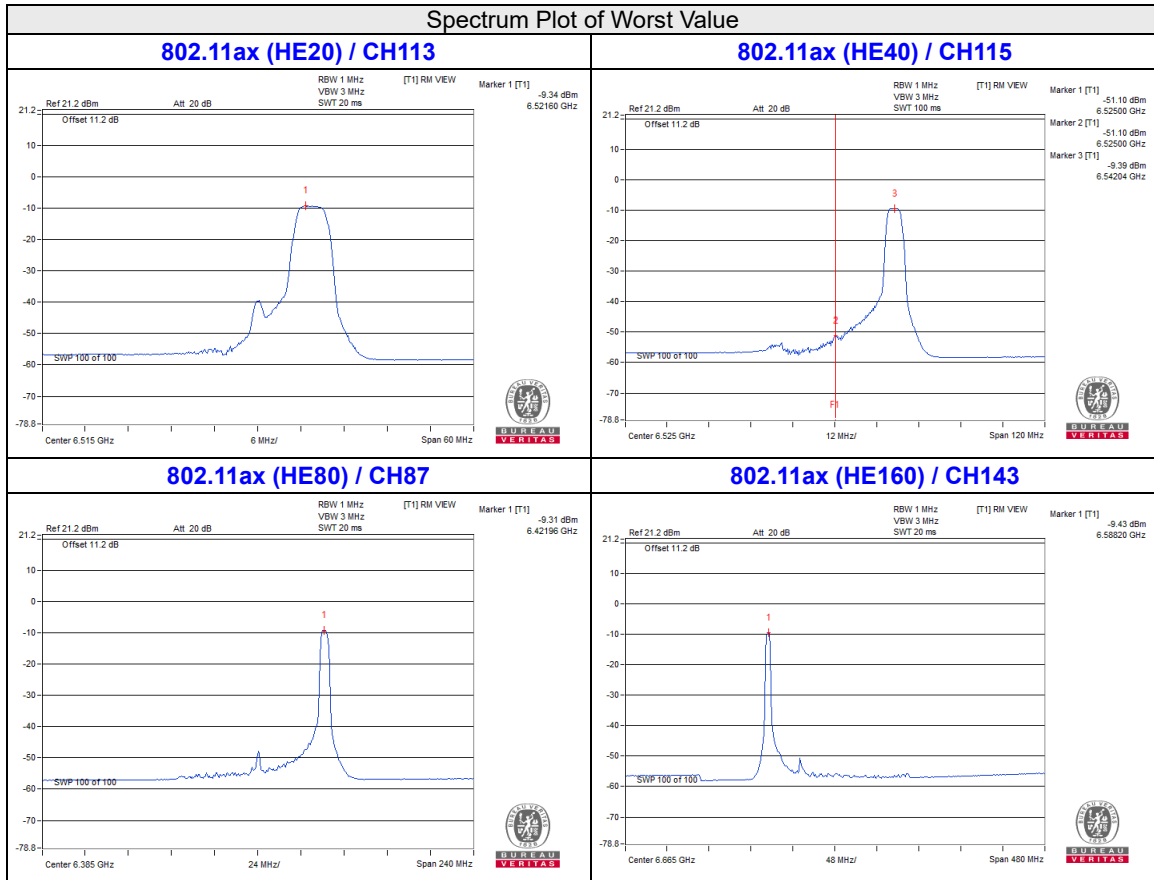
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.77	4.63	-5.14	-1.00	Pass
39	6145	-9.77	4.63	-5.14	-1.00	Pass
87	6385	-9.31	4.63	-4.68	-1.00	Pass
103	6465	-9.63	4.63	-5.00	-1.00	Pass
119	6545	-10.06	4.63	-5.43	-1.00	Pass
151	6705	-9.78	4.63	-5.15	-1.00	Pass
183	6865	-10.47	4.63	-5.84	-1.00	Pass
199	6945	-9.54	4.63	-4.91	-1.00	Pass
215	7025	-10.31	4.63	-5.68	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.70	4.63	-5.07	-1.00	Pass
47	6185	-9.86	4.63	-5.23	-1.00	Pass
79	6345	-9.76	4.63	-5.13	-1.00	Pass
111	6505	-10.28	4.63	-5.65	-1.00	Pass
143	6665	-9.43	4.63	-4.80	-1.00	Pass
175	6825	-10.39	4.63	-5.76	-1.00	Pass
207	6985	-10.26	4.63	-5.63	-1.00	Pass

Spectrum Plot of Worst Value



Chain 1

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-9.20	-0.64	-9.84	-1.00	Pass
45	6175	-9.45	-0.64	-10.09	-1.00	Pass
93	6415	-9.41	-0.64	-10.05	-1.00	Pass
97	6435	-9.71	-0.64	-10.35	-1.00	Pass
105	6475	-9.43	-0.64	-10.07	-1.00	Pass
113	6515	-9.58	-0.64	-10.22	-1.00	Pass
117	6535	-9.38	-0.64	-10.02	-1.00	Pass
149	6695	-9.33	-0.64	-9.97	-1.00	Pass
181	6855	-9.55	-0.64	-10.19	-1.00	Pass
185	6875	-9.74	-0.64	-10.38	-1.00	Pass
209	6995	-9.34	-0.64	-9.98	-1.00	Pass
233	7115	-9.59	-0.64	-10.23	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.38	-0.64	-10.02	-1.00	Pass
43	6165	-9.74	-0.64	-10.38	-1.00	Pass
91	6405	-9.41	-0.64	-10.05	-1.00	Pass
99	6445	-9.88	-0.64	-10.52	-1.00	Pass
107	6485	-9.43	-0.64	-10.07	-1.00	Pass
115	6525	-9.64	-0.64	-10.28	-1.00	Pass
123	6565	-9.66	-0.64	-10.30	-1.00	Pass
155	6725	-9.66	-0.64	-10.30	-1.00	Pass
179	6845	-9.35	-0.64	-9.99	-1.00	Pass
187	6885	-10.04	-0.64	-10.68	-1.00	Pass
211	7005	-9.42	-0.64	-10.06	-1.00	Pass
227	7085	-9.88	-0.64	-10.52	-1.00	Pass

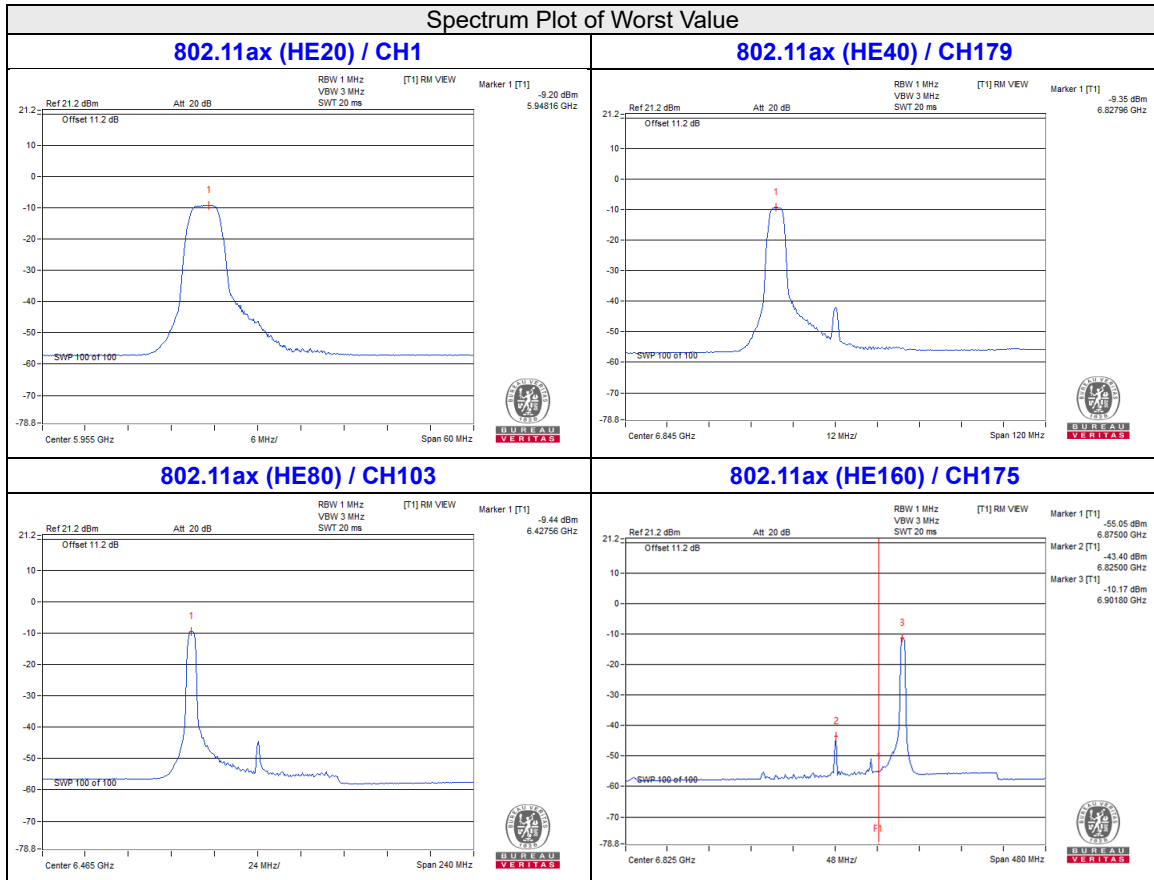
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.67	-0.64	-10.31	-1.00	Pass
39	6145	-9.65	-0.64	-10.29	-1.00	Pass
87	6385	-9.67	-0.64	-10.31	-1.00	Pass
103	6465	-9.44	-0.64	-10.08	-1.00	Pass
119	6545	-10.05	-0.64	-10.69	-1.00	Pass
151	6705	-9.66	-0.64	-10.30	-1.00	Pass
183	6865	-10.55	-0.64	-11.19	-1.00	Pass
199	6945	-9.65	-0.64	-10.29	-1.00	Pass
215	7025	-10.23	-0.64	-10.87	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.75	-0.64	-10.39	-1.00	Pass
47	6185	-9.69	-0.64	-10.33	-1.00	Pass
79	6345	-9.78	-0.64	-10.42	-1.00	Pass
111	6505	-10.21	-0.64	-10.85	-1.00	Pass
143	6665	-9.86	-0.64	-10.50	-1.00	Pass
175	6825	-9.23	-0.64	-9.87	-1.00	Pass
207	6985	-9.78	-0.64	-10.42	-1.00	Pass

Spectrum Plot of Worst Value



RU106

Chain 0

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-9.69	4.63	-5.06	-1.00	Pass
45	6175	-9.61	4.63	-4.98	-1.00	Pass
93	6415	-9.69	4.63	-5.06	-1.00	Pass
97	6435	-9.71	4.63	-5.08	-1.00	Pass
105	6475	-9.95	4.63	-5.32	-1.00	Pass
113	6515	-9.87	4.63	-5.24	-1.00	Pass
117	6535	-9.47	4.63	-4.84	-1.00	Pass
149	6695	-9.85	4.63	-5.22	-1.00	Pass
181	6855	-9.55	4.63	-4.92	-1.00	Pass
185	6875	-10.14	4.63	-5.51	-1.00	Pass
209	6995	-9.76	4.63	-5.13	-1.00	Pass
233	7115	-9.85	4.63	-5.22	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.83	4.63	-5.20	-1.00	Pass
43	6165	-9.67	4.63	-5.04	-1.00	Pass
91	6405	-9.71	4.63	-5.08	-1.00	Pass
99	6445	-9.79	4.63	-5.16	-1.00	Pass
107	6485	-9.63	4.63	-5.00	-1.00	Pass
115	6525	-9.59	4.63	-4.96	-1.00	Pass
123	6565	-9.65	4.63	-5.02	-1.00	Pass
155	6725	-9.61	4.63	-4.98	-1.00	Pass
179	6845	-9.44	4.63	-4.81	-1.00	Pass
187	6885	-10.22	4.63	-5.59	-1.00	Pass
211	7005	-9.78	4.63	-5.15	-1.00	Pass
227	7085	-10.07	4.63	-5.44	-1.00	Pass

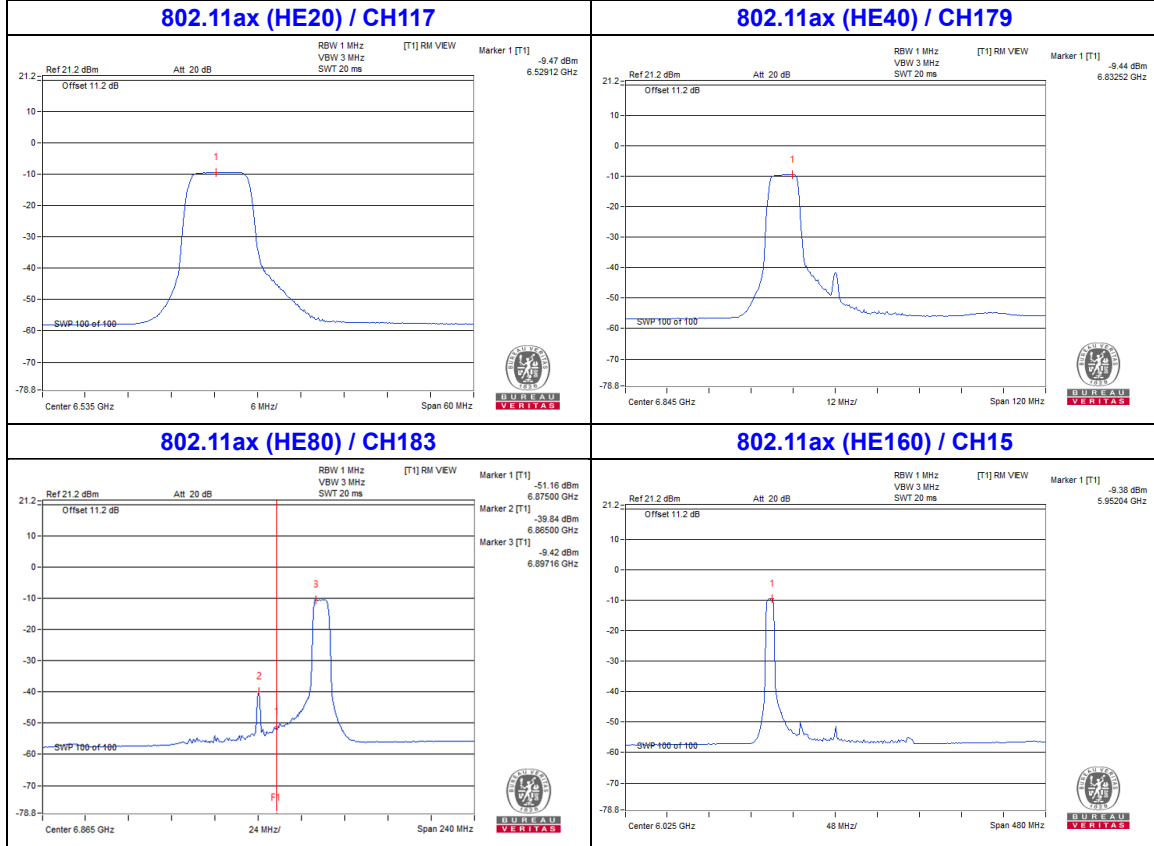
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.82	4.63	-5.19	-1.00	Pass
39	6145	-10.22	4.63	-5.59	-1.00	Pass
87	6385	-9.87	4.63	-5.24	-1.00	Pass
103	6465	-9.88	4.63	-5.25	-1.00	Pass
119	6545	-10.40	4.63	-5.77	-1.00	Pass
151	6705	-9.87	4.63	-5.24	-1.00	Pass
183	6865	-9.42	4.63	-4.79	-1.00	Pass
199	6945	-9.64	4.63	-5.01	-1.00	Pass
215	7025	-9.71	4.63	-5.08	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.38	4.63	-4.75	-1.00	Pass
47	6185	-9.58	4.63	-4.95	-1.00	Pass
79	6345	-9.70	4.63	-5.07	-1.00	Pass
111	6505	-9.83	4.63	-5.20	-1.00	Pass
143	6665	-9.68	4.63	-5.05	-1.00	Pass
175	6825	-10.32	4.63	-5.69	-1.00	Pass
207	6985	-10.38	4.63	-5.75	-1.00	Pass

Spectrum Plot of Worst Value



Chain 1

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-9.78	-0.64	-10.42	-1.00	Pass
45	6175	-9.57	-0.64	-10.21	-1.00	Pass
93	6415	-9.56	-0.64	-10.20	-1.00	Pass
97	6435	-9.73	-0.64	-10.37	-1.00	Pass
105	6475	-10.03	-0.64	-10.67	-1.00	Pass
113	6515	-9.80	-0.64	-10.44	-1.00	Pass
117	6535	-9.42	-0.64	-10.06	-1.00	Pass
149	6695	-9.80	-0.64	-10.44	-1.00	Pass
181	6855	-9.58	-0.64	-10.22	-1.00	Pass
185	6875	-10.05	-0.64	-10.69	-1.00	Pass
209	6995	-9.77	-0.64	-10.41	-1.00	Pass
233	7115	-9.81	-0.64	-10.45	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.83	-0.64	-10.47	-1.00	Pass
43	6165	-9.61	-0.64	-10.25	-1.00	Pass
91	6405	-9.59	-0.64	-10.23	-1.00	Pass
99	6445	-9.82	-0.64	-10.46	-1.00	Pass
107	6485	-9.60	-0.64	-10.24	-1.00	Pass
115	6525	-9.57	-0.64	-10.21	-1.00	Pass
123	6565	-9.56	-0.64	-10.20	-1.00	Pass
155	6725	-9.72	-0.64	-10.36	-1.00	Pass
179	6845	-9.86	-0.64	-10.50	-1.00	Pass
187	6885	-10.14	-0.64	-10.78	-1.00	Pass
211	7005	-9.90	-0.64	-10.54	-1.00	Pass
227	7085	-10.01	-0.64	-10.65	-1.00	Pass

802.11ax (HE80)

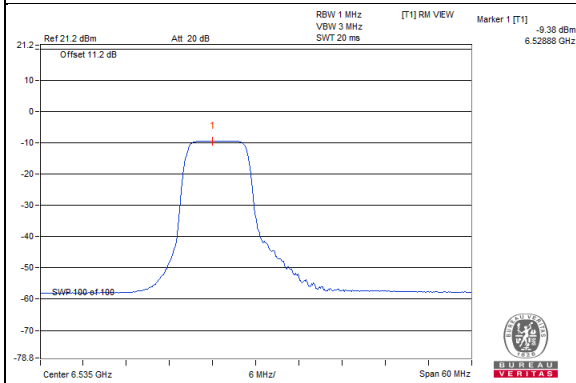
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.89	-0.64	-10.53	-1.00	Pass
39	6145	-10.51	-0.64	-11.15	-1.00	Pass
87	6385	-9.74	-0.64	-10.38	-1.00	Pass
103	6465	-9.87	-0.64	-10.51	-1.00	Pass
119	6545	-10.47	-0.64	-11.11	-1.00	Pass
151	6705	-9.99	-0.64	-10.63	-1.00	Pass
183	6865	-10.41	-0.64	-11.05	-1.00	Pass
199	6945	-9.71	-0.64	-10.35	-1.00	Pass
215	7025	-10.62	-0.64	-11.26	-1.00	Pass

802.11ax (HE160)

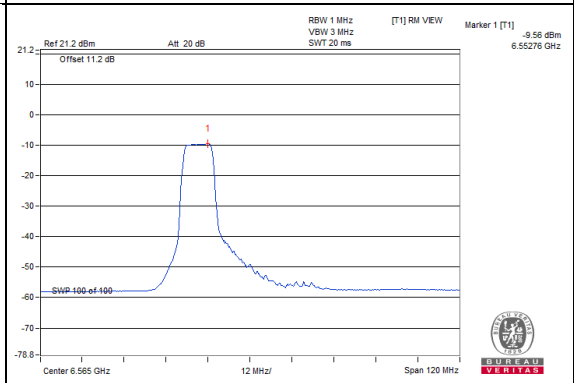
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.56	-0.64	-10.20	-1.00	Pass
47	6185	-9.49	-0.64	-10.13	-1.00	Pass
79	6345	-9.86	-0.64	-10.50	-1.00	Pass
111	6505	-10.98	-0.64	-11.62	-1.00	Pass
143	6665	-9.75	-0.64	-10.39	-1.00	Pass
175	6825	-10.55	-0.64	-11.19	-1.00	Pass
207	6985	-10.50	-0.64	-11.14	-1.00	Pass

Spectrum Plot of Worst Value

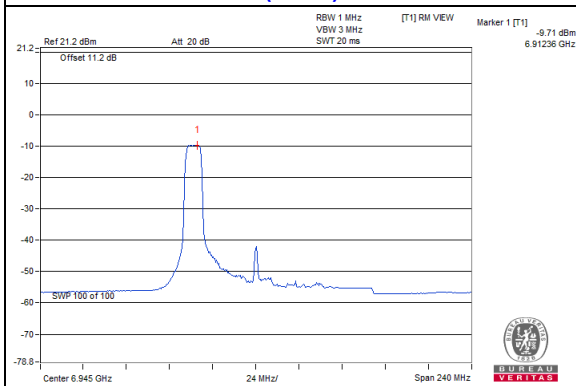
802.11ax (HE20) / CH117



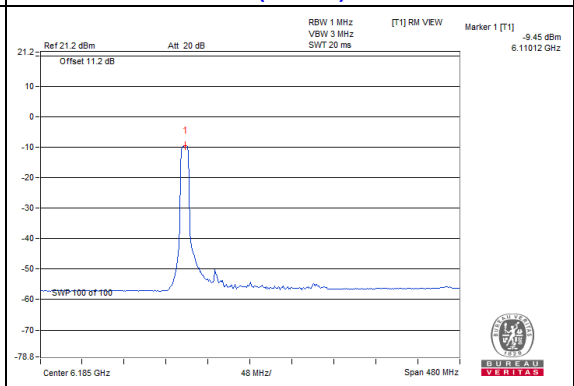
802.11ax (HE40) / CH123



802.11ax (HE80) / CH199



802.11ax (HE160) / CH47



RU242

Chain 0

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-9.62	4.63	-4.99	-1.00	Pass
45	6175	-9.45	4.63	-4.82	-1.00	Pass
93	6415	-9.90	4.63	-5.27	-1.00	Pass
97	6435	-9.63	4.63	-5.00	-1.00	Pass
105	6475	-10.14	4.63	-5.51	-1.00	Pass
113	6515	-9.88	4.63	-5.25	-1.00	Pass
117	6535	-9.59	4.63	-4.96	-1.00	Pass
149	6695	-9.56	4.63	-4.93	-1.00	Pass
181	6855	-9.68	4.63	-5.05	-1.00	Pass
185	6875	-9.92	4.63	-5.29	-1.00	Pass
209	6995	-9.53	4.63	-4.90	-1.00	Pass
233	7115	-9.61	4.63	-4.98	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.23	4.63	-4.60	-1.00	Pass
43	6165	-9.44	4.63	-4.81	-1.00	Pass
91	6405	-9.78	4.63	-5.15	-1.00	Pass
99	6445	-9.90	4.63	-5.27	-1.00	Pass
107	6485	-9.66	4.63	-5.03	-1.00	Pass
115	6525	-9.41	4.63	-4.78	-1.00	Pass
123	6565	-9.81	4.63	-5.18	-1.00	Pass
155	6725	-9.70	4.63	-5.07	-1.00	Pass
179	6845	-9.59	4.63	-4.96	-1.00	Pass
187	6885	-9.61	4.63	-4.98	-1.00	Pass
211	7005	-9.08	4.63	-4.45	-1.00	Pass
227	7085	-10.10	4.63	-5.47	-1.00	Pass

802.11ax (HE80)

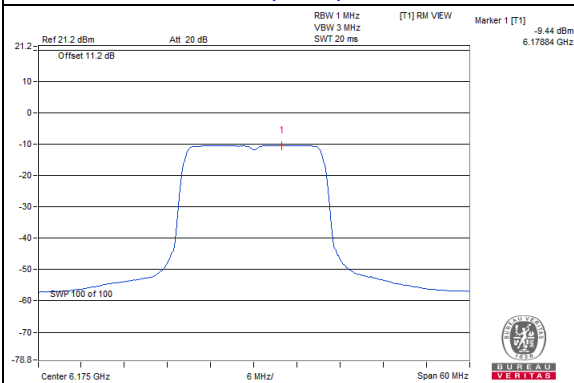
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.27	4.63	-4.64	-1.00	Pass
39	6145	-9.59	4.63	-4.96	-1.00	Pass
87	6385	-9.57	4.63	-4.94	-1.00	Pass
103	6465	-9.80	4.63	-5.17	-1.00	Pass
119	6545	-10.29	4.63	-5.66	-1.00	Pass
151	6705	-9.93	4.63	-5.30	-1.00	Pass
183	6865	-10.27	4.63	-5.64	-1.00	Pass
199	6945	-9.63	4.63	-5.00	-1.00	Pass
215	7025	-9.91	4.63	-5.28	-1.00	Pass

802.11ax (HE160)

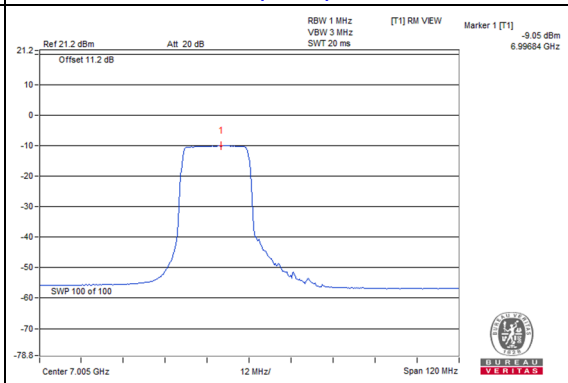
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.59	4.63	-4.96	-1.00	Pass
47	6185	-9.63	4.63	-5.00	-1.00	Pass
79	6345	-9.90	4.63	-5.27	-1.00	Pass
111	6505	-9.63	4.63	-5.00	-1.00	Pass
143	6665	-9.72	4.63	-5.09	-1.00	Pass
175	6825	-10.09	4.63	-5.46	-1.00	Pass
207	6985	-10.40	4.63	-5.77	-1.00	Pass

Spectrum Plot of Worst Value

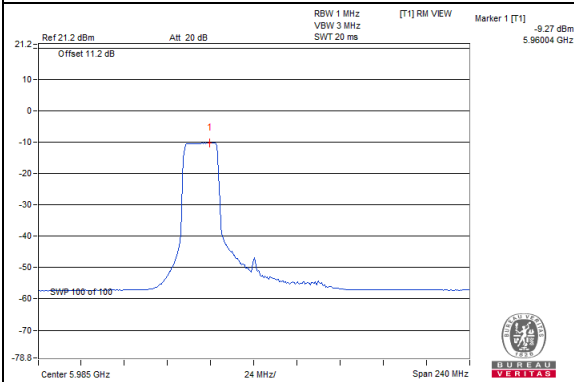
802.11ax (HE20) / CH45



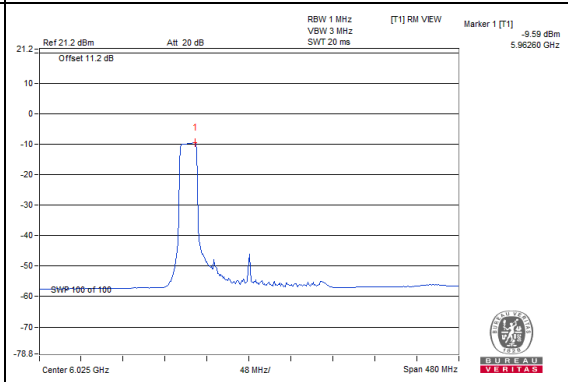
802.11ax (HE40) / CH211



802.11ax (HE80) / CH7



802.11ax (HE160) / CH15



Chain 1

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	-9.47	-0.64	-10.11	-1.00	Pass
45	6175	-9.39	-0.64	-10.03	-1.00	Pass
93	6415	-9.95	-0.64	-10.59	-1.00	Pass
97	6435	-9.54	-0.64	-10.18	-1.00	Pass
105	6475	-9.69	-0.64	-10.33	-1.00	Pass
113	6515	-9.85	-0.64	-10.49	-1.00	Pass
117	6535	-9.57	-0.64	-10.21	-1.00	Pass
149	6695	-9.36	-0.64	-10.00	-1.00	Pass
181	6855	-9.57	-0.64	-10.21	-1.00	Pass
185	6875	-9.89	-0.64	-10.53	-1.00	Pass
209	6995	-9.54	-0.64	-10.18	-1.00	Pass
233	7115	-10.04	-0.64	-10.68	-1.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-10.27	-0.64	-10.91	-1.00	Pass
43	6165	-9.67	-0.64	-10.31	-1.00	Pass
91	6405	-9.57	-0.64	-10.21	-1.00	Pass
99	6445	-9.79	-0.64	-10.43	-1.00	Pass
107	6485	-9.65	-0.64	-10.29	-1.00	Pass
115	6525	-9.62	-0.64	-10.26	-1.00	Pass
123	6565	-9.78	-0.64	-10.42	-1.00	Pass
155	6725	-10.22	-0.64	-10.86	-1.00	Pass
179	6845	-9.44	-0.64	-10.08	-1.00	Pass
187	6885	-9.42	-0.64	-10.06	-1.00	Pass
211	7005	-10.10	-0.64	-10.74	-1.00	Pass
227	7085	-10.09	-0.64	-10.73	-1.00	Pass

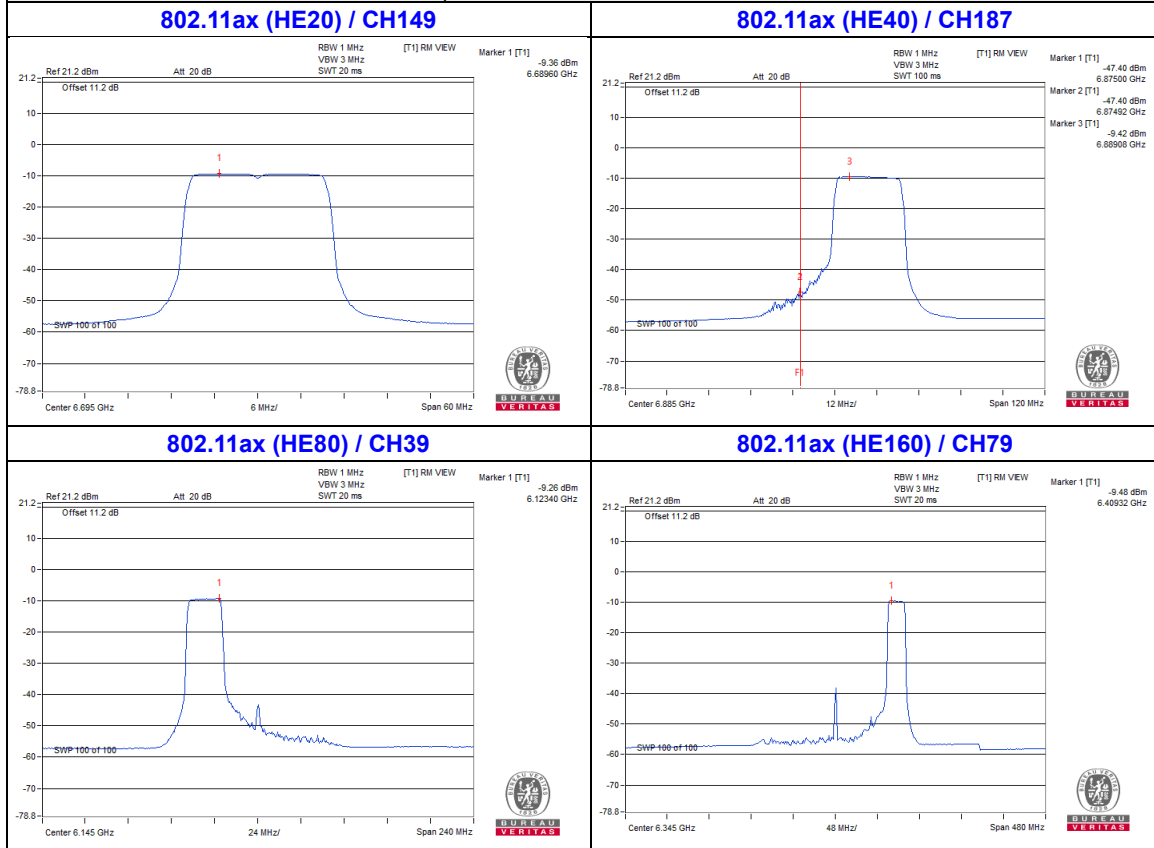
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.88	-0.64	-10.52	-1.00	Pass
39	6145	-9.26	-0.64	-9.90	-1.00	Pass
87	6385	-9.54	-0.64	-10.18	-1.00	Pass
103	6465	-9.48	-0.64	-10.12	-1.00	Pass
119	6545	-10.28	-0.64	-10.92	-1.00	Pass
151	6705	-9.64	-0.64	-10.28	-1.00	Pass
183	6865	-10.27	-0.64	-10.91	-1.00	Pass
199	6945	-9.30	-0.64	-9.94	-1.00	Pass
215	7025	-9.92	-0.64	-10.56	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.57	-0.64	-10.21	-1.00	Pass
47	6185	-9.59	-0.64	-10.23	-1.00	Pass
79	6345	-9.50	-0.64	-10.14	-1.00	Pass
111	6505	-10.82	-0.64	-11.46	-1.00	Pass
143	6665	-9.68	-0.64	-10.32	-1.00	Pass
175	6825	-9.95	-0.64	-10.59	-1.00	Pass
207	6985	-10.34	-0.64	-10.98	-1.00	Pass

Spectrum Plot of Worst Value



RU484

Chain 0

802.11ax (HE40)

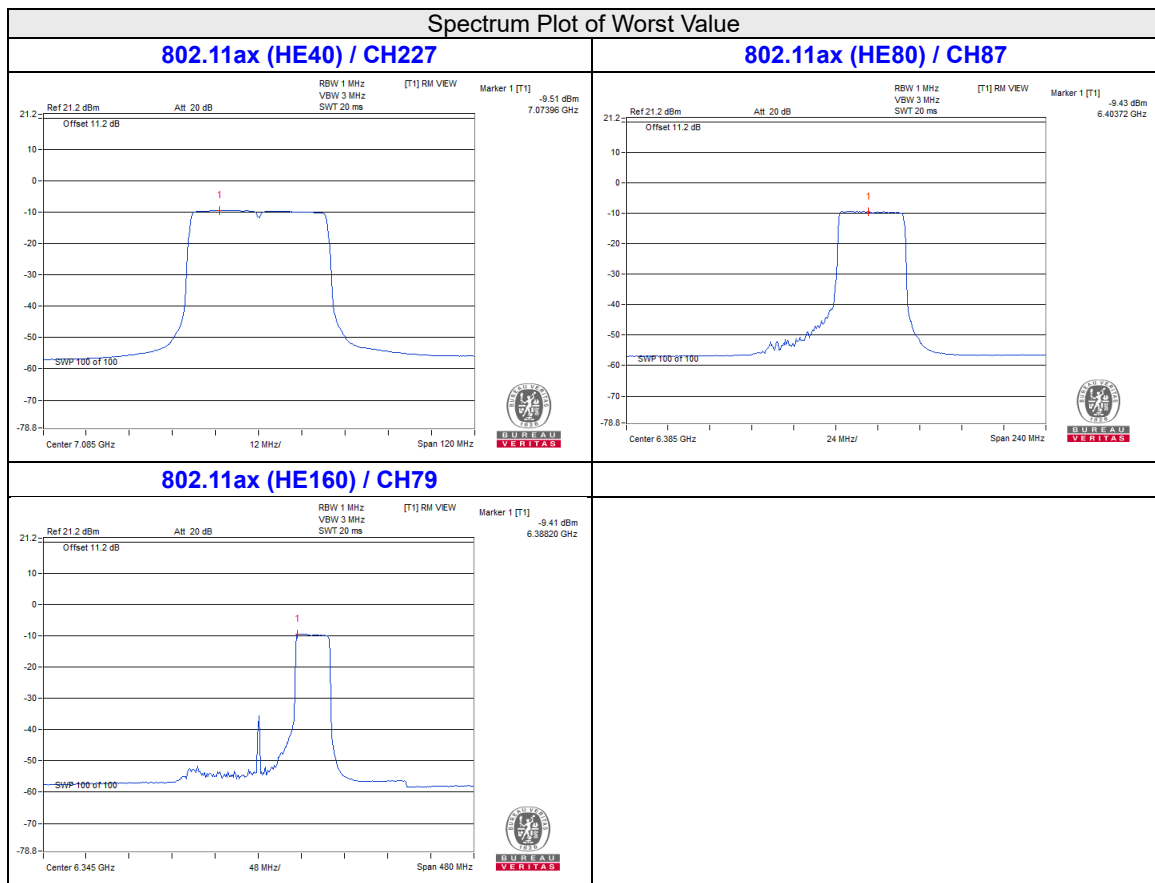
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.78	4.63	-5.15	-1.00	Pass
43	6165	-9.95	4.63	-5.32	-1.00	Pass
91	6405	-9.82	4.63	-5.19	-1.00	Pass
99	6445	-9.64	4.63	-5.01	-1.00	Pass
107	6485	-9.96	4.63	-5.33	-1.00	Pass
115	6525	-9.85	4.63	-5.22	-1.00	Pass
123	6565	-9.81	4.63	-5.18	-1.00	Pass
155	6725	-9.67	4.63	-5.04	-1.00	Pass
179	6845	-9.63	4.63	-5.00	-1.00	Pass
187	6885	-9.79	4.63	-5.16	-1.00	Pass
211	7005	-9.95	4.63	-5.32	-1.00	Pass
227	7085	-9.51	4.63	-4.88	-1.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.75	4.63	-5.12	-1.00	Pass
39	6145	-9.69	4.63	-5.06	-1.00	Pass
87	6385	-9.45	4.63	-4.82	-1.00	Pass
103	6465	-9.77	4.63	-5.14	-1.00	Pass
119	6545	-9.51	4.63	-4.88	-1.00	Pass
151	6705	-9.55	4.63	-4.92	-1.00	Pass
183	6865	-9.97	4.63	-5.34	-1.00	Pass
199	6945	-9.50	4.63	-4.87	-1.00	Pass
215	7025	-9.55	4.63	-4.92	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.72	4.63	-5.09	-1.00	Pass
47	6185	-9.72	4.63	-5.09	-1.00	Pass
79	6345	-9.46	4.63	-4.83	-1.00	Pass
111	6505	-9.95	4.63	-5.32	-1.00	Pass
143	6665	-9.81	4.63	-5.18	-1.00	Pass
175	6825	-10.39	4.63	-5.76	-1.00	Pass
207	6985	-9.87	4.63	-5.24	-1.00	Pass



Chain 1

802.11ax (HE40)

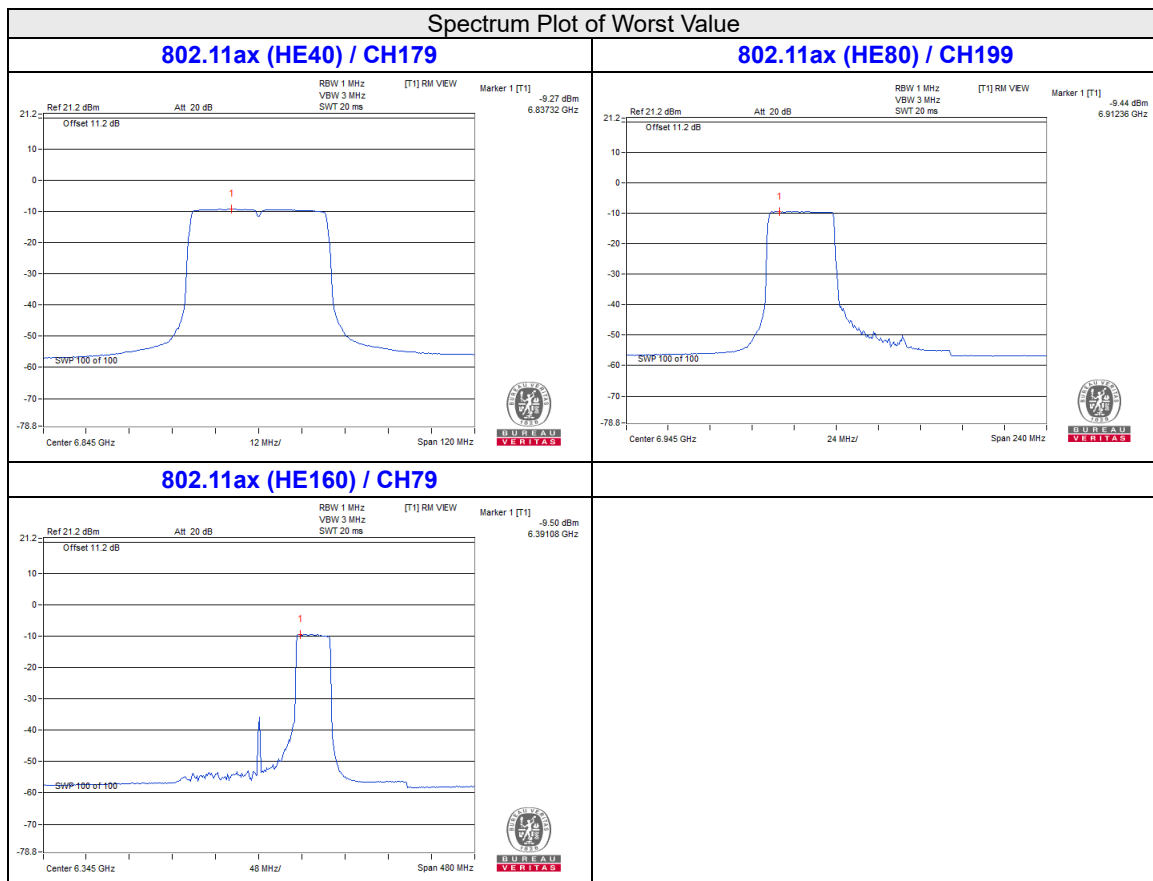
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	-9.65	-0.64	-10.29	-1.00	Pass
43	6165	-9.89	-0.64	-10.53	-1.00	Pass
91	6405	-9.80	-0.64	-10.44	-1.00	Pass
99	6445	-9.63	-0.64	-10.27	-1.00	Pass
107	6485	-10.00	-0.64	-10.64	-1.00	Pass
115	6525	-9.78	-0.64	-10.42	-1.00	Pass
123	6565	-9.68	-0.64	-10.32	-1.00	Pass
155	6725	-9.77	-0.64	-10.41	-1.00	Pass
179	6845	-9.29	-0.64	-9.93	-1.00	Pass
187	6885	-9.62	-0.64	-10.26	-1.00	Pass
211	7005	-10.04	-0.64	-10.68	-1.00	Pass
227	7085	-9.51	-0.64	-10.15	-1.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.80	-0.64	-10.44	-1.00	Pass
39	6145	-9.69	-0.64	-10.33	-1.00	Pass
87	6385	-9.55	-0.64	-10.19	-1.00	Pass
103	6465	-9.74	-0.64	-10.38	-1.00	Pass
119	6545	-9.62	-0.64	-10.26	-1.00	Pass
151	6705	-9.59	-0.64	-10.23	-1.00	Pass
183	6865	-9.67	-0.64	-10.31	-1.00	Pass
199	6945	-9.44	-0.64	-10.08	-1.00	Pass
215	7025	-9.64	-0.64	-10.28	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.66	-0.64	-10.30	-1.00	Pass
47	6185	-9.75	-0.64	-10.39	-1.00	Pass
79	6345	-9.50	-0.64	-10.14	-1.00	Pass
111	6505	-10.51	-0.64	-11.15	-1.00	Pass
143	6665	-9.84	-0.64	-10.48	-1.00	Pass
175	6825	-10.13	-0.64	-10.77	-1.00	Pass
207	6985	-10.52	-0.64	-11.16	-1.00	Pass



RU996

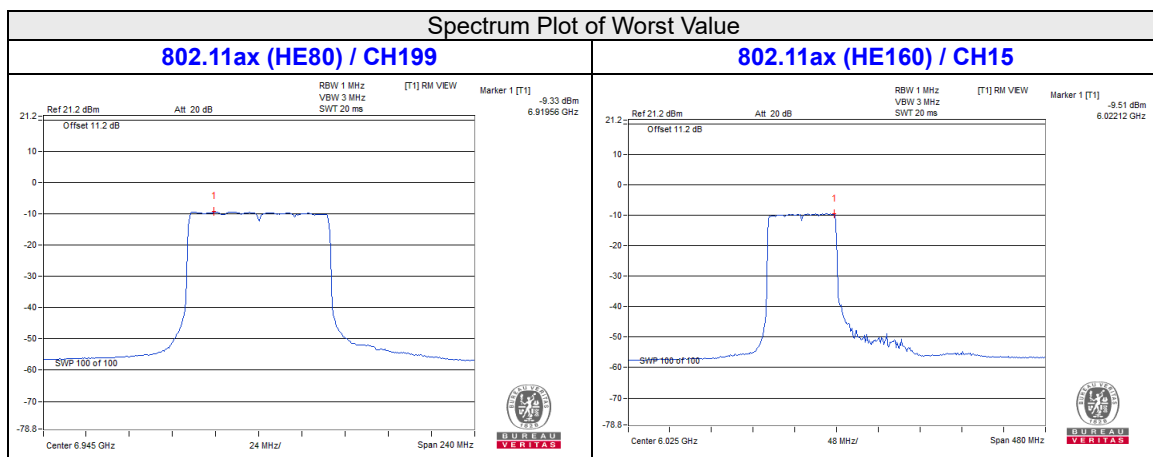
Chain 0

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.54	4.63	-4.91	-1.00	Pass
39	6145	-9.70	4.63	-5.07	-1.00	Pass
87	6385	-9.66	4.63	-5.03	-1.00	Pass
103	6465	-9.98	4.63	-5.35	-1.00	Pass
119	6545	-9.90	4.63	-5.27	-1.00	Pass
151	6705	-9.84	4.63	-5.21	-1.00	Pass
183	6865	-9.46	4.63	-4.83	-1.00	Pass
199	6945	-9.33	4.63	-4.70	-1.00	Pass
215	7025	-9.91	4.63	-5.28	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.51	4.63	-4.88	-1.00	Pass
47	6185	-9.79	4.63	-5.16	-1.00	Pass
79	6345	-10.00	4.63	-5.37	-1.00	Pass
111	6505	-9.70	4.63	-5.07	-1.00	Pass
143	6665	-9.61	4.63	-4.98	-1.00	Pass
175	6825	-9.66	4.63	-5.03	-1.00	Pass
207	6985	-9.93	4.63	-5.30	-1.00	Pass



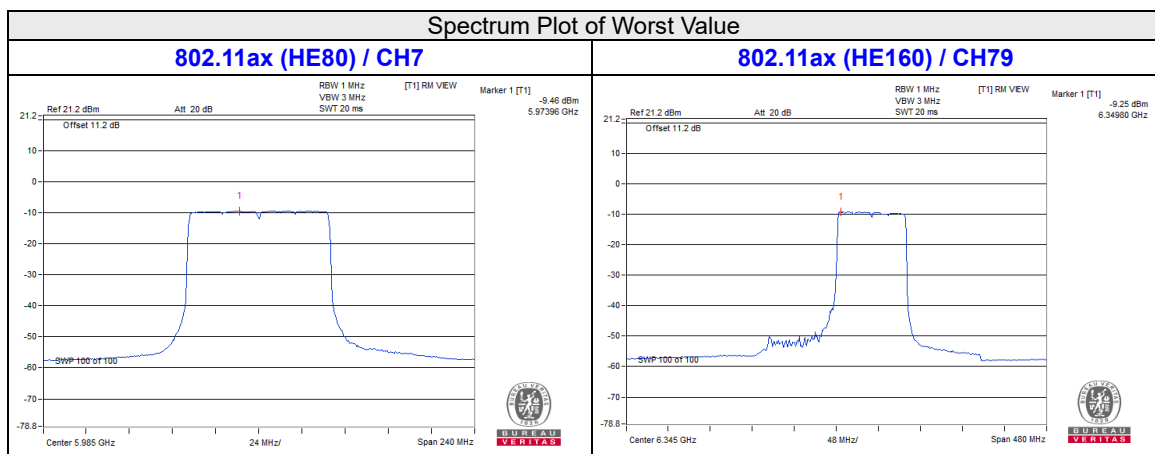
Chain 1

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	-9.46	-0.64	-10.10	-1.00	Pass
39	6145	-9.66	-0.64	-10.30	-1.00	Pass
87	6385	-9.50	-0.64	-10.14	-1.00	Pass
103	6465	-10.01	-0.64	-10.65	-1.00	Pass
119	6545	-9.58	-0.64	-10.22	-1.00	Pass
151	6705	-10.05	-0.64	-10.69	-1.00	Pass
183	6865	-9.83	-0.64	-10.47	-1.00	Pass
199	6945	-9.66	-0.64	-10.30	-1.00	Pass
215	7025	-9.86	-0.64	-10.50	-1.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.73	-0.64	-10.37	-1.00	Pass
47	6185	-10.23	-0.64	-10.87	-1.00	Pass
79	6345	-9.27	-0.64	-9.91	-1.00	Pass
111	6505	-9.60	-0.64	-10.24	-1.00	Pass
143	6665	-10.01	-0.64	-10.65	-1.00	Pass
175	6825	-9.71	-0.64	-10.35	-1.00	Pass
207	6985	-9.91	-0.64	-10.55	-1.00	Pass

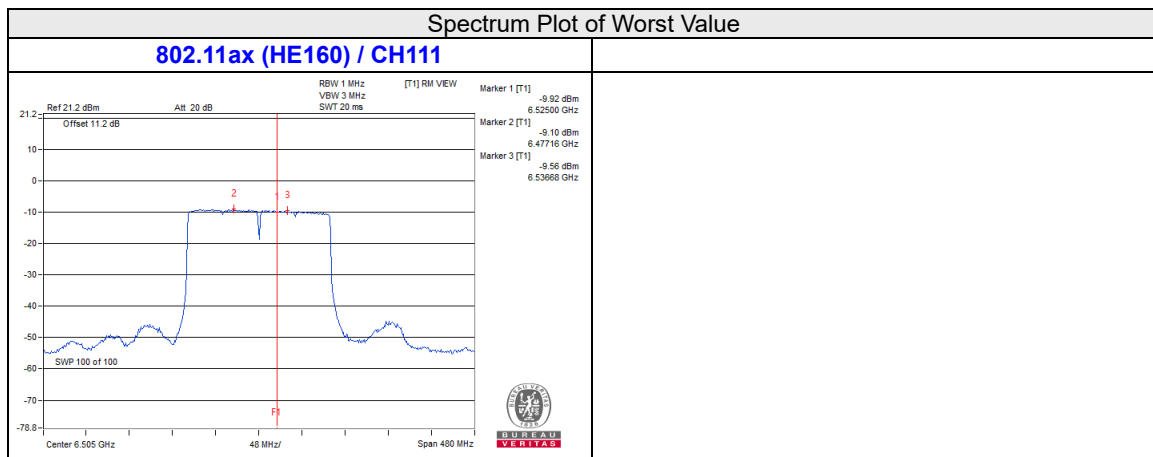


RU1992

Chain 0

802.11ax (HE160)

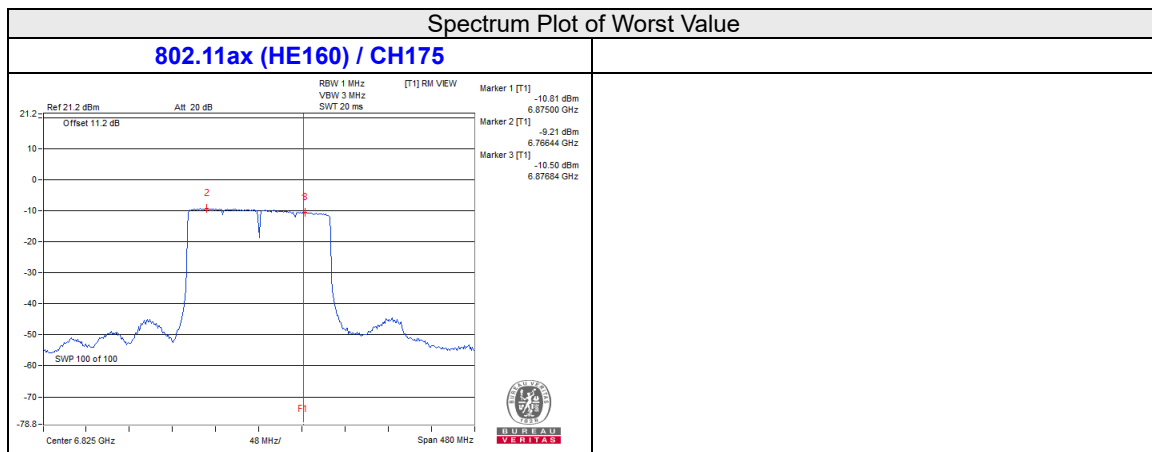
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.62	4.63	-4.99	-1.00	Pass
47	6185	-9.47	4.63	-4.84	-1.00	Pass
79	6345	-9.36	4.63	-4.73	-1.00	Pass
111	6505	-9.10	4.63	-4.47	-1.00	Pass
143	6665	-9.65	4.63	-5.02	-1.00	Pass
175	6825	-9.65	4.63	-5.02	-1.00	Pass
207	6985	-9.96	4.63	-5.33	-1.00	Pass



Chain 1

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	-9.85	-0.64	-10.49	-1.00	Pass
47	6185	-9.99	-0.64	-10.63	-1.00	Pass
79	6345	-9.75	-0.64	-10.39	-1.00	Pass
111	6505	-10.17	-0.64	-10.81	-1.00	Pass
143	6665	-9.73	-0.64	-10.37	-1.00	Pass
175	6825	-9.24	-0.64	-9.88	-1.00	Pass
207	6985	-9.97	-0.64	-10.61	-1.00	Pass

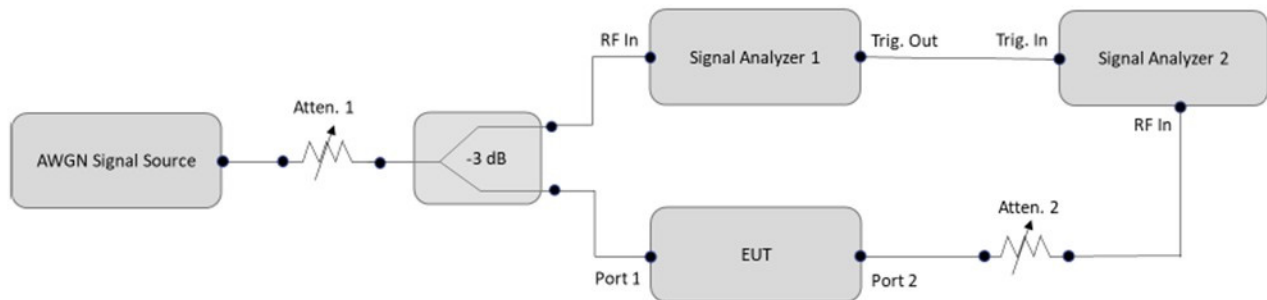


4.7 Contention Based Protocol Measurement

4.7.1 Limits of Contention Based Protocol Measurement

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.

4.7.2 Test Setup



4.7.3 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer Keysight	N9030B	MY57140938	Mar. 09, 2021	May 08, 2022
MXG X-Series RF Vector Signal Generator Agilent	N5182B	MY53050162	Jan. 11, 2021	Jan. 10, 2022
Power Splitter/combiner Mini-Circuits	ZN2PD-9G	ZN2PD-9G	Jun. 16, 2020	Jun. 15, 2021

- NOTE:**
1. The test was performed in PVS room.
 2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 3. Test Date: Mar. 29 ~ Apr. 01, 2021

4.7.4 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
$BW_{EUT} \leq BW_{Inc}$	Once	Same as EUT transmission
$BW_{Inc} < BW_{EUT} \leq 2x BW_{Inc}$	Once	Contained within BW_{EUT}
$2x BW_{Inc} < BW_{EUT} \leq 4x BW_{Inc}$	Twice. (Incumbent transmission is contained within BW_{EUT})	Closely to the lower edge and upper edge of the EUT Channel
$BW_{EUT} > 4x BW_{Inc}$	Three times	Closely to the lower edge ,in the middle and upper edge of the EUT Channel

- 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.
- j. The verification starts from -82dBm, and it meets the regulatory requirements until -62dBm

4.7.5 EUT Operating Condition

Set the EUT to transmit with a constant duty cycle and relative operating parameters which including power level, operating frequency, modulation and bandwidth.

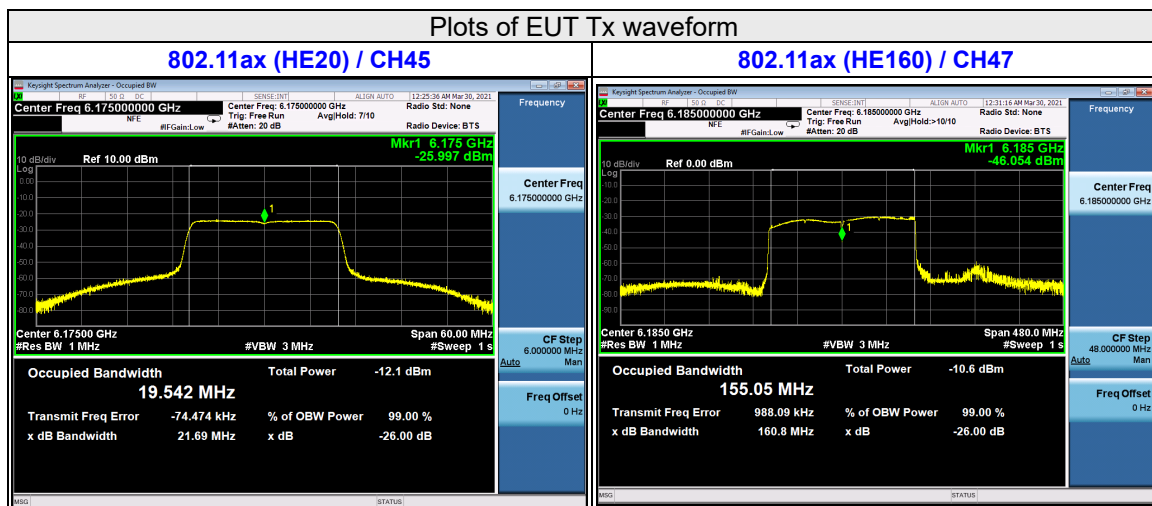
4.7.6 Test Results

For U-NII-5 band

Contention Based Protocol Measurement										
Measurement Mode		Conducted measurement			Device Type		Indoor Client		at the antenna connector	
The Incumbent Signal (AWGN) Level (dBm)		-62			Antenna Gain (dBi)		0			
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	Test Result					
					Test Signals Freq. (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 5	802.11ax	20MHz	45	6175	6175	10	10	100%	90%	Pass
					6110	10	10	100%	90%	Pass
		160MHz	47	6185	6185	10	10	100%	90%	Pass
					6260	10	10	100%	90%	Pass
Result		Complied								

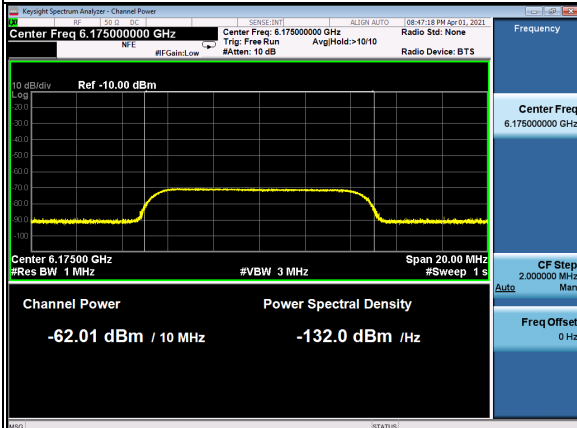
Note:

1. A more stringent test level with 0dBi antenna gain (-62dBm +0dB -1dB instrument uncertainty = -63dBm) is selected for the test instead of the rule's required test level (-62dBm + 4.63dBi antenna gain= -57.37dBm).
2. The device cannot meet the Incumbent Signal (AWGN) Level -82~-63dBm. Device meets requirement at exactly -62dBm threshold level.

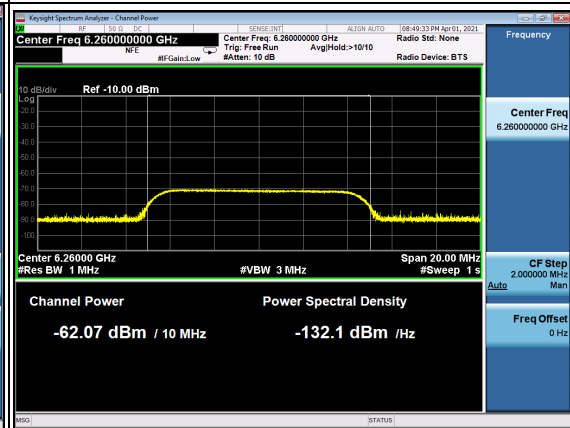


Plots of shows Incumbent signal level and ceased transmission

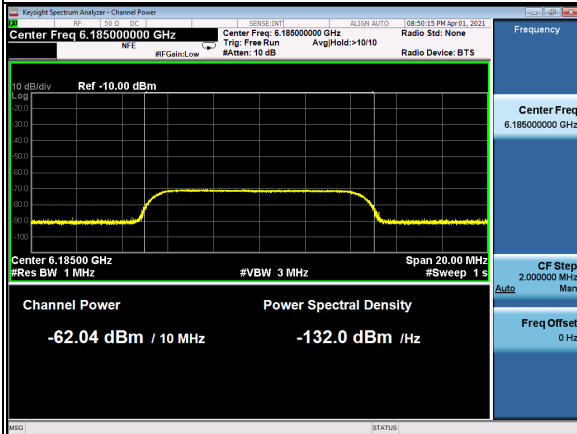
802.11ax (HE20) / CH45



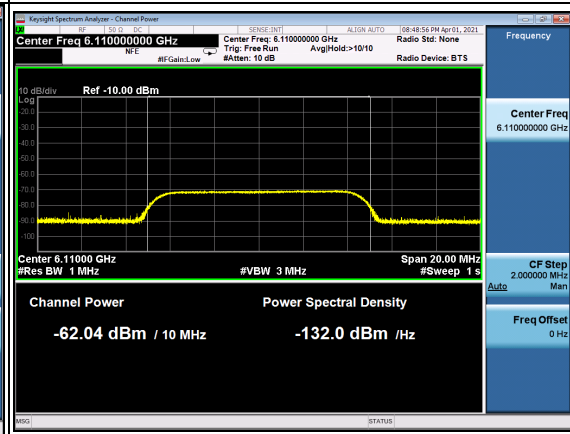
802.11ax (HE160) / CH47 (High Edge)



802.11ax (HE160) / CH47 (Middle)

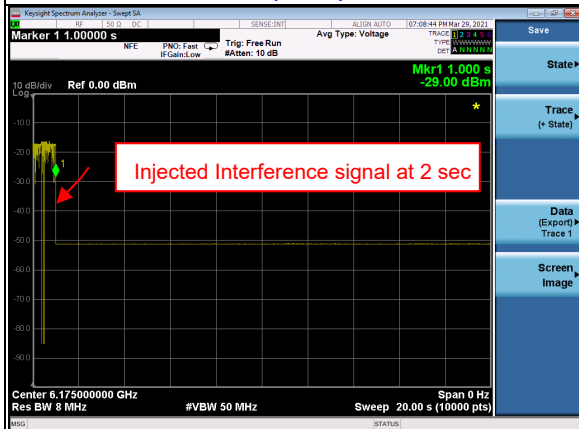


802.11ax (HE160) / CH47 (Low Edge)

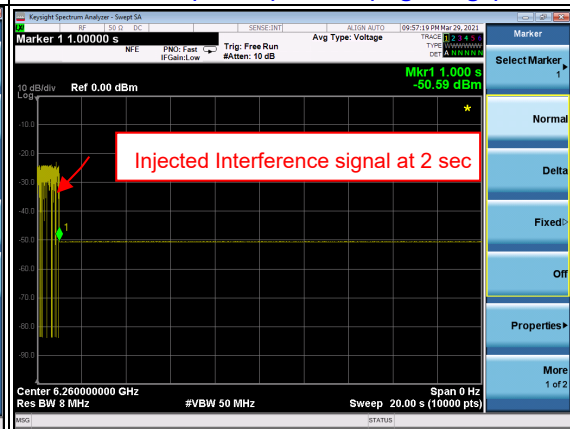


Plots of EUT ceased transmission in the time domain

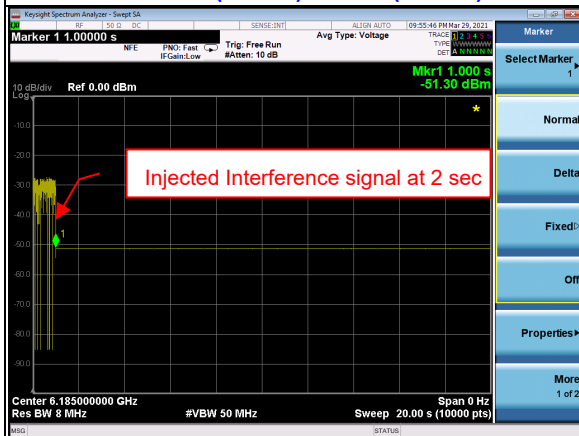
802.11ax (HE20) / CH45



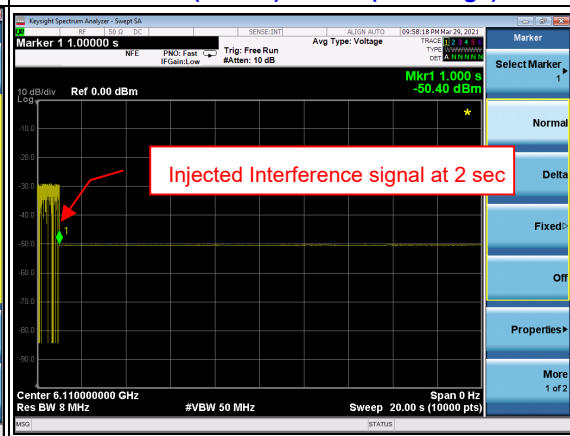
802.11ax (HE160) / CH47 (High Edge)



802.11ax (HE160) / CH47 (Middle)



802.11ax (HE160) / CH47 (Low Edge)

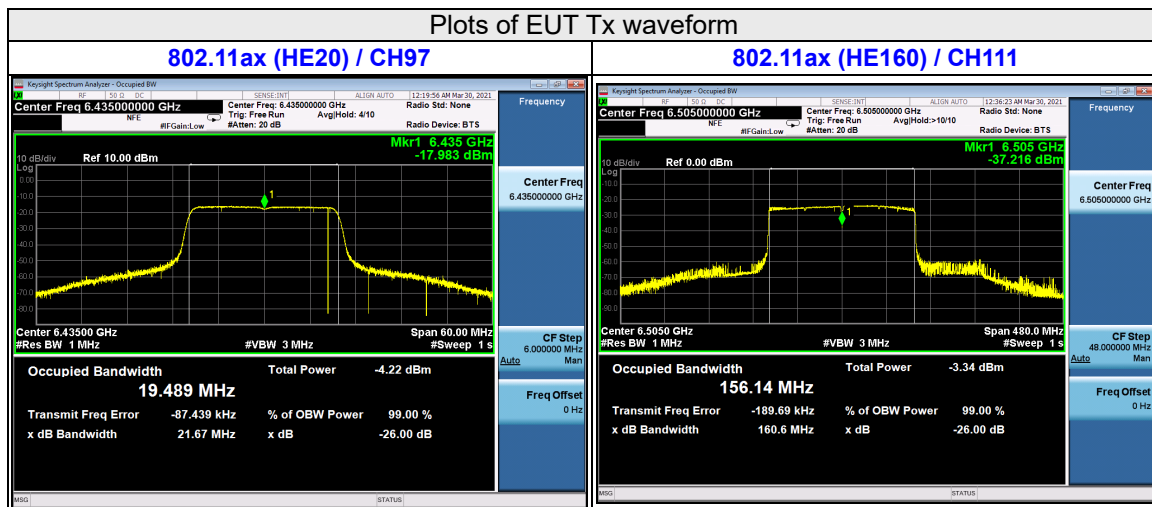


For U-NII-6 band

Contention Based Protocol Measurement										
Measurement Mode		Conducted measurement			Device Type		Indoor Client		at the antenna connector	
The Incumbent Signal (AWGN) Level (dBm)		-62			Antenna Gain (dBi)		0			
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	Test Result					
					Test Signals Freq. (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 6	802.11ax	20MHz	97	6435	6435	10	10	100%	90%	Pass
					6430	10	10	100%	90%	Pass
		160MHz	111	6505	6505	10	10	100%	90%	Pass
					6580	10	10	100%	90%	Pass
Result		Complied								

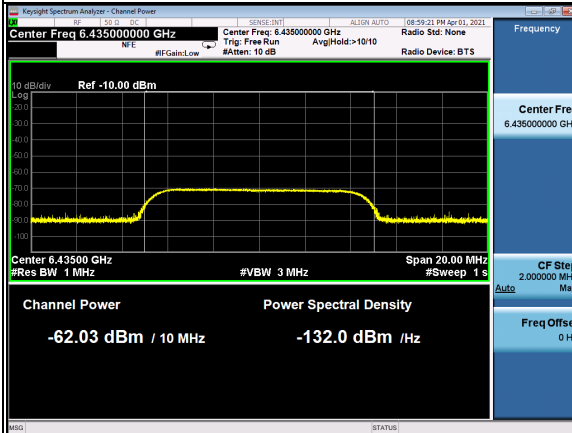
Note:

1. A more stringent test level with 0dBi antenna gain (-62dBm +0dB -1dB instrument uncertainty = -63dBm) is selected for the test instead of the rule's required test level (-62dBm + 4.63dBi antenna gain= -57.37dBm).
2. The device cannot meet the Incumbent Signal (AWGN) Level -82~-63dBm. Device meets requirement at exactly -62dBm threshold level.

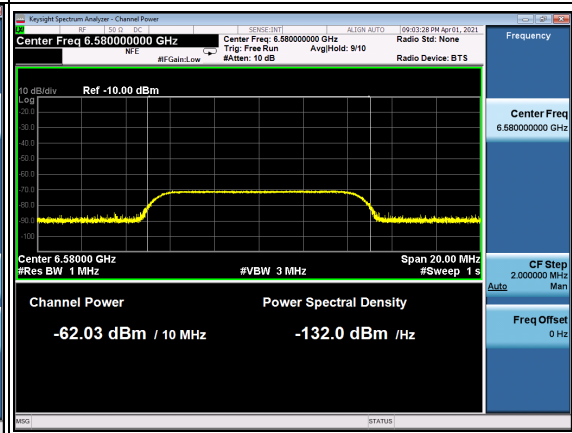


Plots of shows Incumbent signal level and ceased transmission

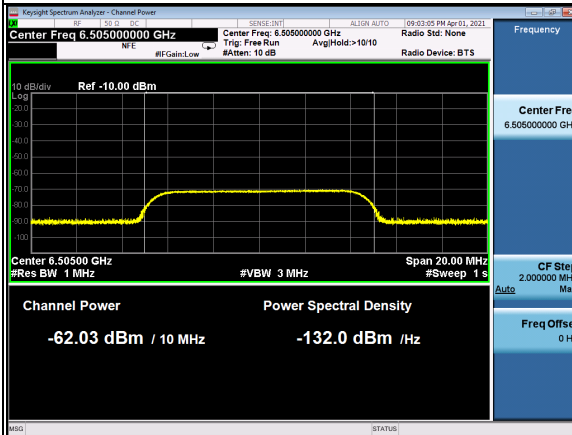
802.11ax (HE20) / CH97



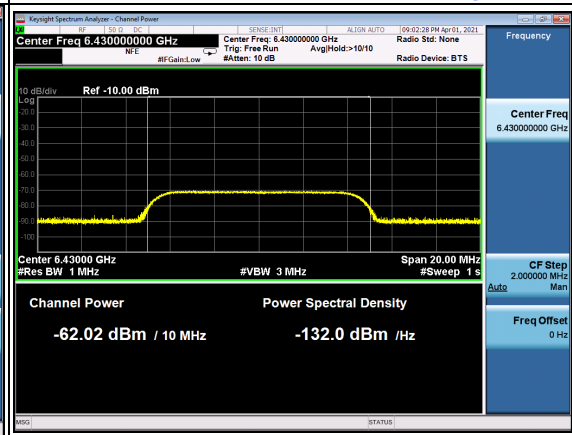
802.11ax (HE160) / CH111 (High Edge)



802.11ax (HE160) / CH111 (Middle)

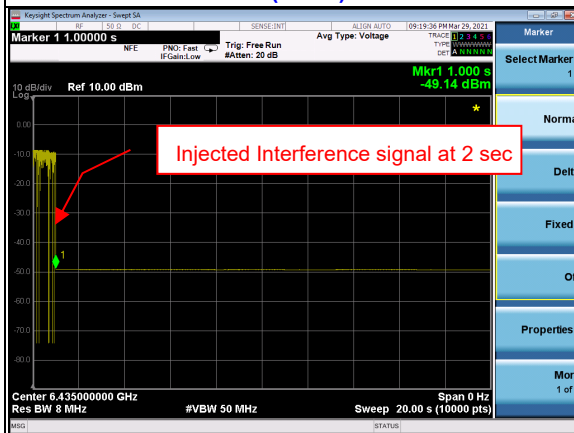


802.11ax (HE160) / CH111 (Low Edge)

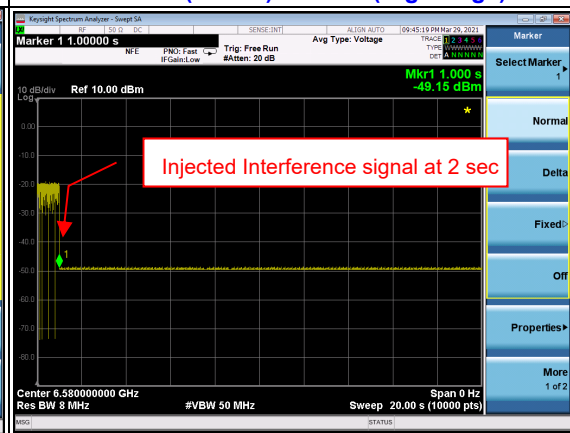


Plots of EUT ceased transmission in the time domain

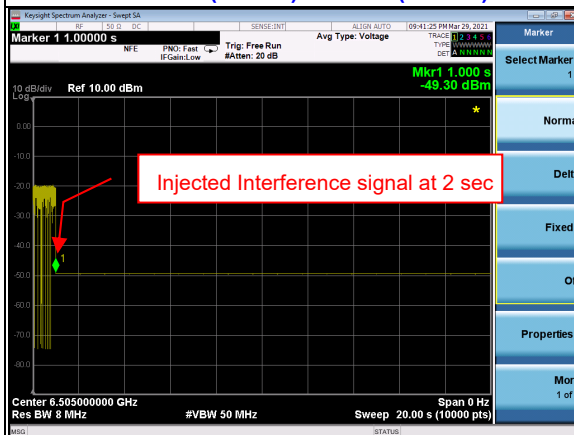
802.11ax (HE20) / CH97



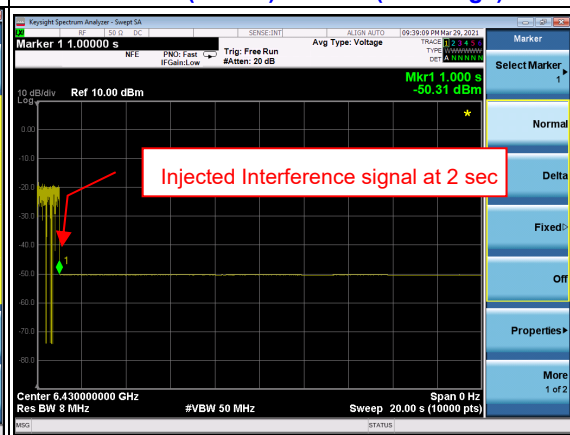
802.11ax (HE160) / CH111 (High Edge)



802.11ax (HE160) / CH111 (Middle)



802.11ax (HE160) / CH111 (Low Edge)

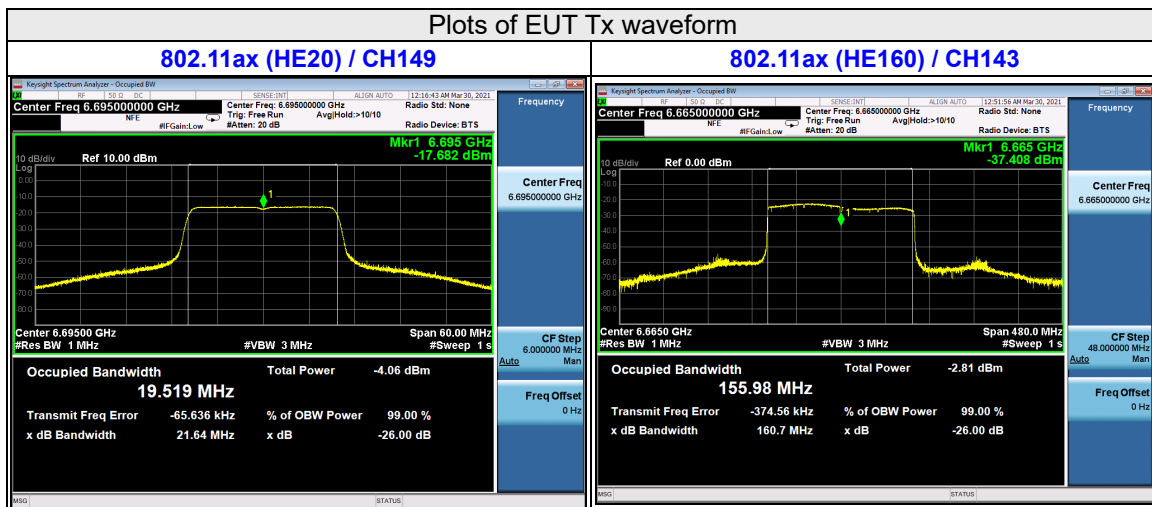


For U-NII-7 band

Contention Based Protocol Measurement										
Measurement Mode		Conducted measurement			Device Type		Indoor Client		at the antenna connector	
The Incumbent Signal (AWGN) Level (dBm)		-62			Antenna Gain (dBi)		0			
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	Test Result					
					Test Signals Freq. (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 7	802.11ax	20MHz	149	6695	6695	10	10	100%	90%	Pass
					6590	10	10	100%	90%	Pass
		160MHz	143	6665	6665	10	10	100%	90%	Pass
					6740	10	10	100%	90%	Pass
Result		Complied								

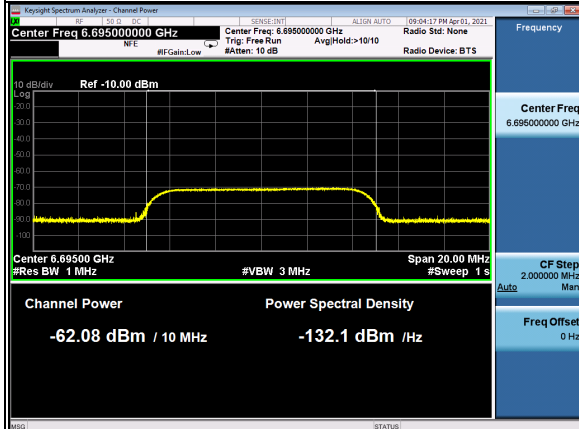
Note:

1. A more stringent test level with 0dBi antenna gain (-62dBm +0dB -1dB instrument uncertainty = -63dBm) is selected for the test instead of the rule's required test level (-62dBm + 4.63dBi antenna gain= -57.37dBm).
2. The device cannot meet the Incumbent Signal (AWGN) Level -82~-63dBm. Device meets requirement at exactly -62dBm threshold level.

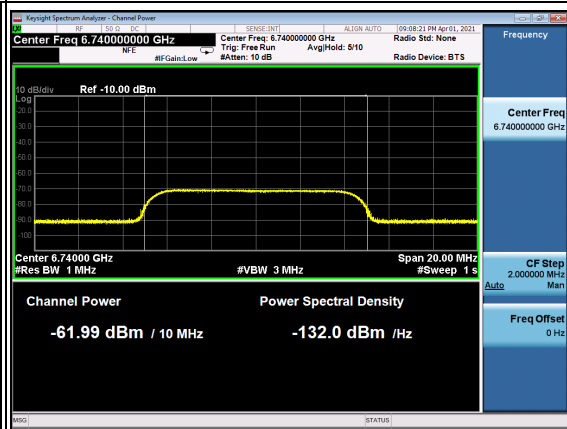


Plots of shows Incumbent signal level and ceased transmission

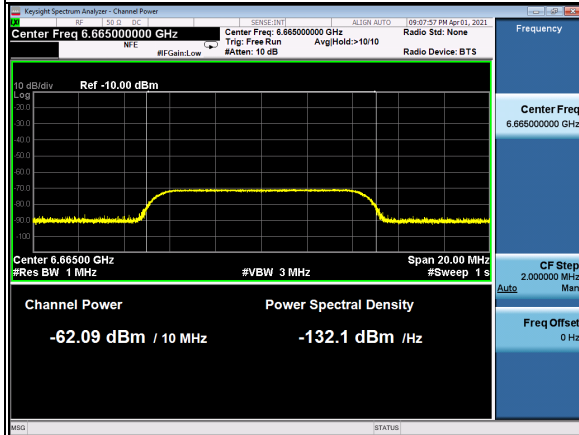
802.11ax (HE20) / CH149



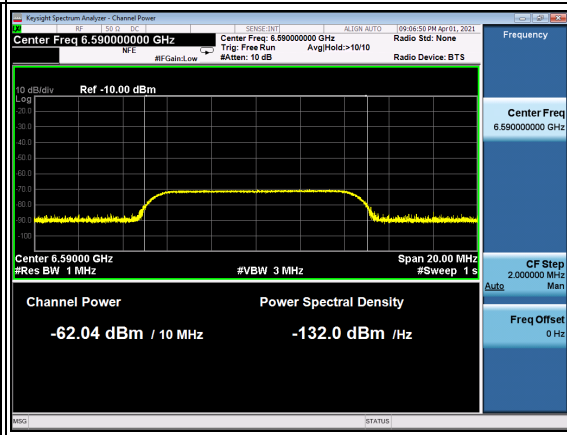
802.11ax (HE160) / CH143 (High Edge)



802.11ax (HE160) / CH143 (Middle)

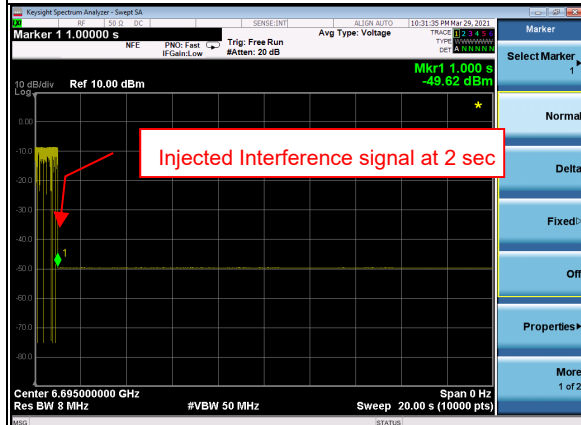


802.11ax (HE160) / CH143 (Low Edge)

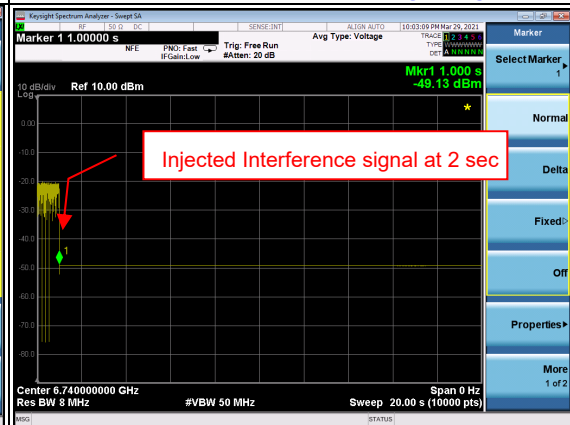


Plots of EUT ceased transmission in the time domain

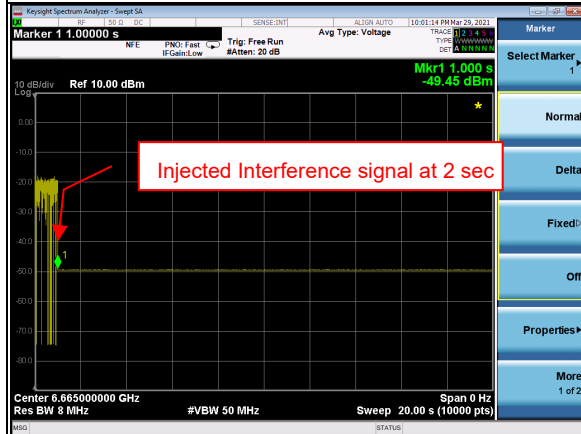
802.11ax (HE20) / CH149



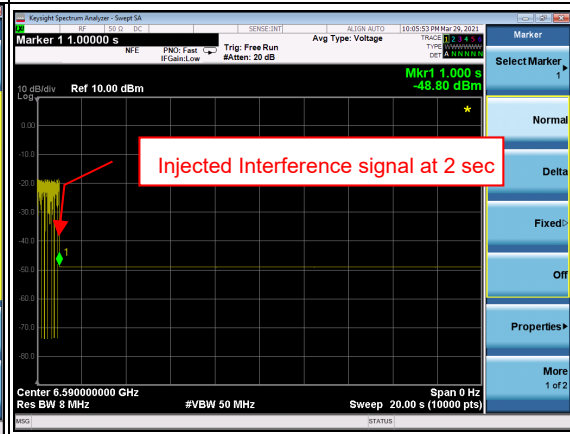
802.11ax (HE160) / CH143 (High Edge)



802.11ax (HE160) / CH143 (Middle)



802.11ax (HE160) / CH143 (Low Edge)

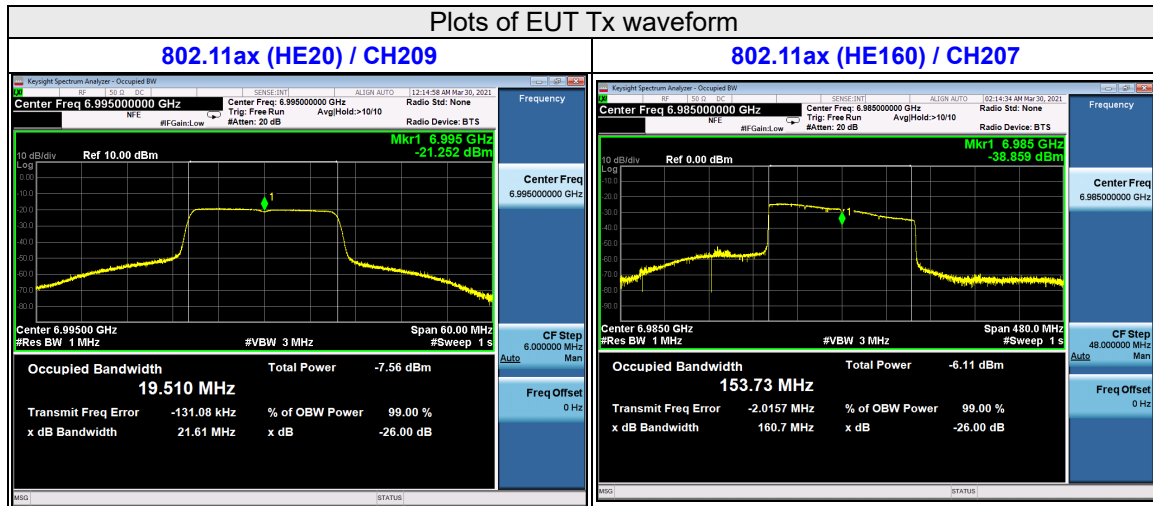


For U-NII-8 band

Contention Based Protocol Measurement										
Measurement Mode		Conducted measurement			Device Type		Indoor Client		at the antenna connector	
The Incumbent Signal (AWGN) Level (dBm)		-62			Antenna Gain (dBi)		0			
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	Test Result					
					Test Signals Freq. (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 8	802.11ax	20MHz	209	6995	6995	10	10	100%	90%	Pass
					6910	10	10	100%	90%	Pass
		160MHz	207	6985	6985	10	10	100%	90%	Pass
					7060	10	10	100%	90%	Pass
Result		Complied								

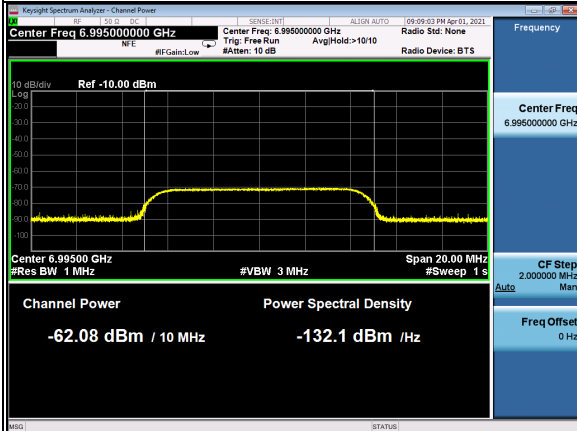
Note:

1. A more stringent test level with 0dBi antenna gain (-62dBm +0dB -1dB instrument uncertainty = -63dBm) is selected for the test instead of the rule's required test level (-62dBm + 4.63dBi antenna gain= -57.37dBm).
2. The device cannot meet the Incumbent Signal (AWGN) Level -82~-63dBm. Device meets requirement at exactly -62dBm threshold level.

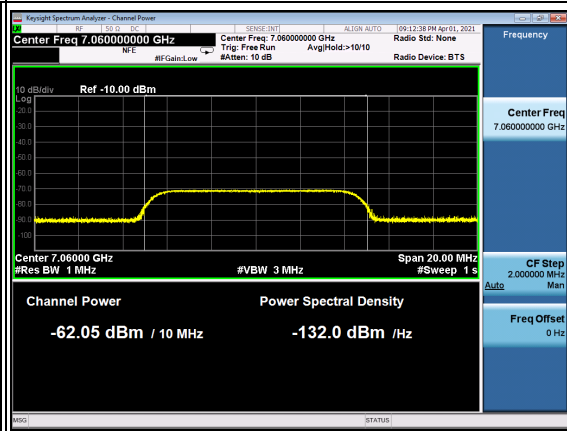


Plots of shows Incumbent signal level and ceased transmission

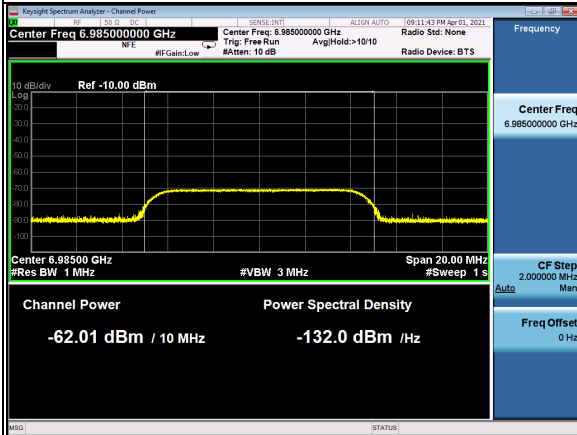
802.11ax (HE20) / CH209



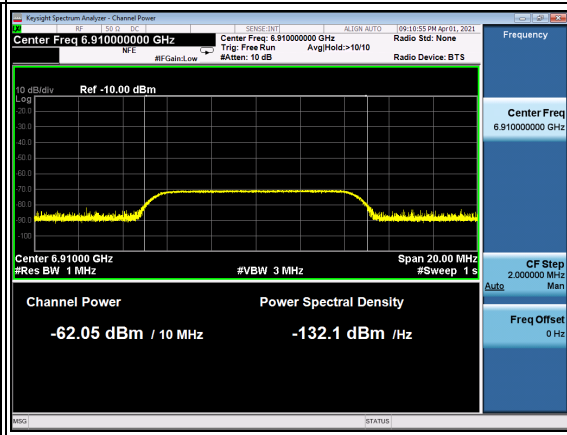
802.11ax (HE160) / CH207 (High Edge)



802.11ax (HE160) / CH207 (Middle)

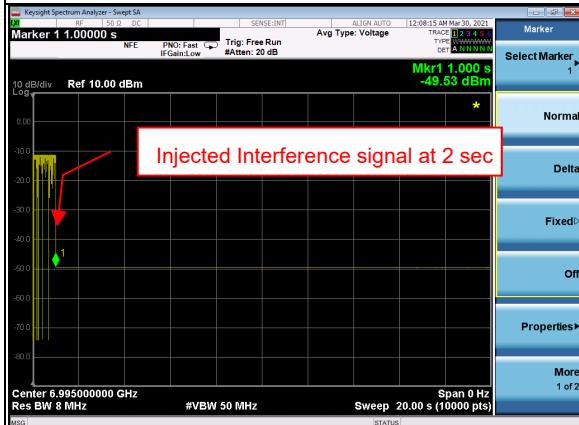


802.11ax (HE160) / CH207 (Low Edge)

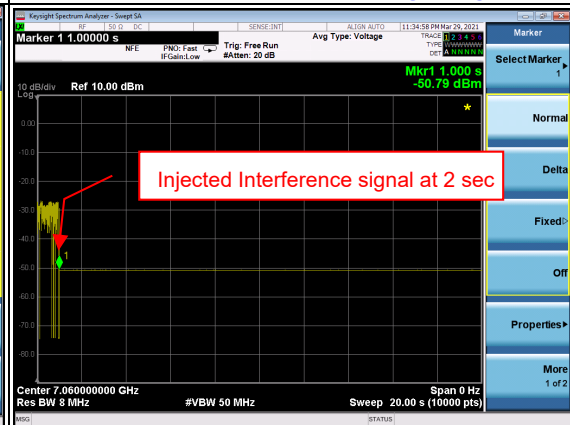


Plots of EUT ceased transmission in the time domain

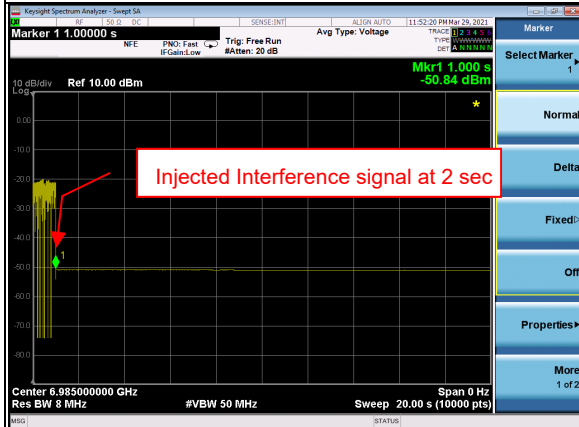
802.11ax (HE20) / CH209



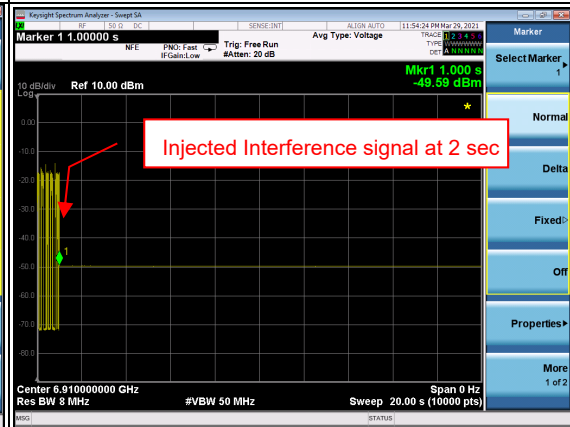
802.11ax (HE160) / CH207 (High Edge)



802.11ax (HE160) / CH207 (Middle)



802.11ax (HE160) / CH207 (Low Edge)

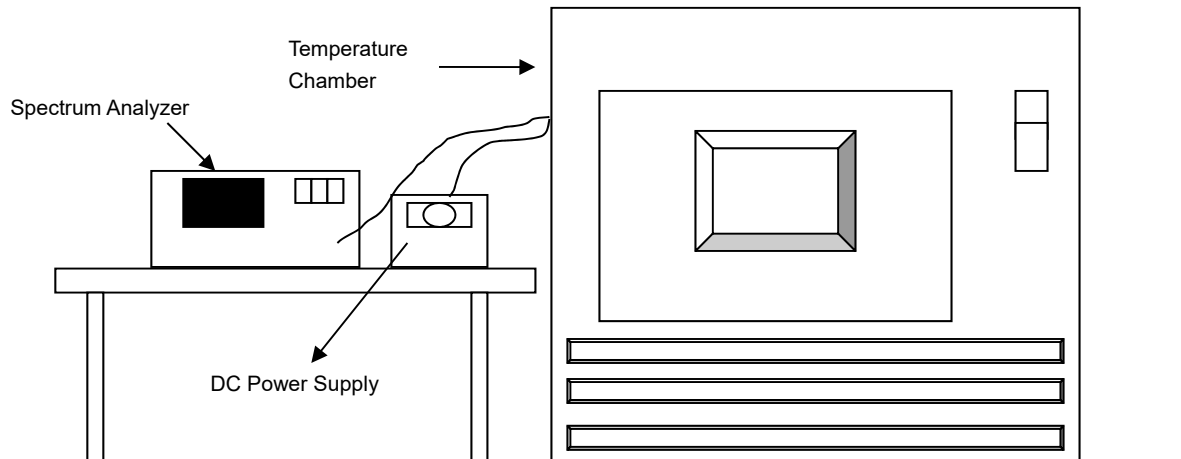


4.8 Frequency Stability Measurement

4.8.1 Limits of Frequency Stability Measurement

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

4.8.2 Test Setup



4.8.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.8.4 Test Procedure

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

4.8.5 EUT Operating Condition

Set the EUT transmit at un-modulation mode to test frequency stability.

4.8.6 Test Results

 2TX
 802.11a

Frequency Stability Versus Temp.									
Operating Frequency: 5955MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	5954.9906	Pass	5954.9941	Pass	5954.9910	Pass	5954.9943	Pass
40	7.74	5955.0225	Pass	5955.0191	Pass	5955.0242	Pass	5955.0234	Pass
30	7.74	5954.9733	Pass	5954.9769	Pass	5954.9759	Pass	5954.9743	Pass
20	7.74	5955.0148	Pass	5955.0163	Pass	5955.0139	Pass	5955.0119	Pass
10	7.74	5955.0044	Pass	5955.0008	Pass	5955.0042	Pass	5955.0022	Pass
0	7.74	5954.9804	Pass	5954.9793	Pass	5954.9801	Pass	5954.9791	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5955MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	5955.0140	Pass	5955.0169	Pass	5955.0134	Pass	5955.0120	Pass
	7.74	5955.0148	Pass	5955.0163	Pass	5955.0139	Pass	5955.0119	Pass
	6.579	5955.0140	Pass	5955.0175	Pass	5955.0147	Pass	5955.0117	Pass

802.11ax (HE20)

Frequency Stability Versus Temp.									
Operating Frequency: 5955MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	5955.0057	Pass	5955.0100	Pass	5955.0087	Pass	5955.0081	Pass
40	7.74	5955.0096	Pass	5955.0077	Pass	5955.0042	Pass	5955.0092	Pass
30	7.74	5955.0162	Pass	5955.0143	Pass	5955.0152	Pass	5955.0128	Pass
20	7.74	5954.9787	Pass	5954.9750	Pass	5954.9744	Pass	5954.9754	Pass
10	7.74	5954.9928	Pass	5954.9972	Pass	5954.9938	Pass	5954.9931	Pass
0	7.74	5955.0009	Pass	5955.0001	Pass	5954.9999	Pass	5954.9987	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5955MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	5954.9790	Pass	5954.9751	Pass	5954.9756	Pass	5954.9742	Pass
	7.74	5954.9787	Pass	5954.9750	Pass	5954.9744	Pass	5954.9754	Pass
	6.579	5954.9784	Pass	5954.9740	Pass	5954.9750	Pass	5954.9743	Pass

802.11ax (HE40)
Frequency Stability Versus Temp.
Operating Frequency: 5965MHz

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	5965.0201	Pass	5965.0242	Pass	5965.0215	Pass	5965.0229	Pass
40	7.74	5964.9769	Pass	5964.9745	Pass	5964.9761	Pass	5964.9763	Pass
30	7.74	5965.0001	Pass	5964.9989	Pass	5964.9966	Pass	5964.9983	Pass
20	7.74	5965.0053	Pass	5965.0045	Pass	5965.0083	Pass	5965.0078	Pass
10	7.74	5964.9704	Pass	5964.9691	Pass	5964.9739	Pass	5964.9728	Pass
0	7.74	5965.0028	Pass	5965.0028	Pass	5964.9995	Pass	5965.0010	Pass

Frequency Stability Versus Voltage
Operating Frequency: 5965MHz

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	5965.0043	Pass	5965.0042	Pass	5965.0083	Pass	5965.0082	Pass
	7.74	5965.0053	Pass	5965.0045	Pass	5965.0083	Pass	5965.0078	Pass
	6.579	5965.0057	Pass	5965.0050	Pass	5965.0071	Pass	5965.0068	Pass

802.11ax (HE80)

Frequency Stability Versus Temp.									
Operating Frequency: 5985MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	5984.9800	Pass	5984.9790	Pass	5984.9768	Pass	5984.9786	Pass
40	7.74	5984.9783	Pass	5984.9728	Pass	5984.9737	Pass	5984.9762	Pass
30	7.74	5985.0281	Pass	5985.0247	Pass	5985.0294	Pass	5985.0269	Pass
20	7.74	5984.9915	Pass	5984.9937	Pass	5984.9930	Pass	5984.9916	Pass
10	7.74	5985.0111	Pass	5985.0079	Pass	5985.0100	Pass	5985.0070	Pass
0	7.74	5985.0182	Pass	5985.0179	Pass	5985.0176	Pass	5985.0165	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5985MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	5984.9910	Pass	5984.9933	Pass	5984.9937	Pass	5984.9918	Pass
	7.74	5984.9915	Pass	5984.9937	Pass	5984.9930	Pass	5984.9916	Pass
	6.579	5984.9907	Pass	5984.9935	Pass	5984.9921	Pass	5984.9922	Pass

802.11ax (HE160)

Frequency Stability Versus Temp.									
Operating Frequency: 6025MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	6024.9810	Pass	6024.9810	Pass	6024.9784	Pass	6024.9836	Pass
40	7.74	6024.9823	Pass	6024.9823	Pass	6024.9809	Pass	6024.9800	Pass
30	7.74	6024.9813	Pass	6024.9802	Pass	6024.9852	Pass	6024.9814	Pass
20	7.74	6024.9996	Pass	6024.9985	Pass	6024.9948	Pass	6024.9967	Pass
10	7.74	6024.9836	Pass	6024.9832	Pass	6024.9858	Pass	6024.9808	Pass
0	7.74	6024.9991	Pass	6025.0047	Pass	6024.9992	Pass	6025.0023	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 6025MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	6024.9993	Pass	6024.9985	Pass	6024.9940	Pass	6024.9977	Pass
	7.74	6024.9996	Pass	6024.9985	Pass	6024.9948	Pass	6024.9967	Pass
	6.579	6025.0001	Pass	6024.9980	Pass	6024.9953	Pass	6024.9958	Pass

1TX
 802.11a

Frequency Stability Versus Temp.									
Operating Frequency: 5955MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	5954.9976	Pass	5955.0007	Pass	5954.9982	Pass	5955.0012	Pass
40	7.74	5955.0151	Pass	5955.0123	Pass	5955.0168	Pass	5955.0144	Pass
30	7.74	5954.9819	Pass	5954.9816	Pass	5954.9829	Pass	5954.9844	Pass
20	7.74	5955.0168	Pass	5955.0145	Pass	5955.0157	Pass	5955.0146	Pass
10	7.74	5954.9976	Pass	5954.9971	Pass	5954.9967	Pass	5954.9952	Pass
0	7.74	5955.0087	Pass	5955.0060	Pass	5955.0066	Pass	5955.0089	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5955MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	5955.0177	Pass	5955.0147	Pass	5955.0154	Pass	5955.0153	Pass
	7.74	5955.0168	Pass	5955.0145	Pass	5955.0157	Pass	5955.0146	Pass
	6.579	5955.0178	Pass	5955.0135	Pass	5955.0166	Pass	5955.0148	Pass

802.11ax (HE20)
Frequency Stability Versus Temp.
Operating Frequency: 5955MHz

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	5955.0179	Pass	5955.0164	Pass	5955.0167	Pass	5955.0175	Pass
40	7.74	5955.0033	Pass	5955.0039	Pass	5955.0054	Pass	5955.0060	Pass
30	7.74	5954.9881	Pass	5954.9880	Pass	5954.9885	Pass	5954.9905	Pass
20	7.74	5955.0082	Pass	5955.0068	Pass	5955.0086	Pass	5955.0104	Pass
10	7.74	5954.9938	Pass	5954.9922	Pass	5954.9908	Pass	5954.9906	Pass
0	7.74	5954.9853	Pass	5954.9840	Pass	5954.9857	Pass	5954.9836	Pass

Frequency Stability Versus Voltage
Operating Frequency: 5955MHz

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	5955.0078	Pass	5955.0058	Pass	5955.0083	Pass	5955.0115	Pass
	7.74	5955.0082	Pass	5955.0068	Pass	5955.0086	Pass	5955.0104	Pass
	6.579	5955.0075	Pass	5955.0066	Pass	5955.0083	Pass	5955.0112	Pass

802.11ax (HE40)

Frequency Stability Versus Temp.									
Operating Frequency: 5965MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	5964.9800	Pass	5964.9817	Pass	5964.9815	Pass	5964.9835	Pass
40	7.74	5964.9800	Pass	5964.9802	Pass	5964.9779	Pass	5964.9778	Pass
30	7.74	5965.0255	Pass	5965.0267	Pass	5965.0251	Pass	5965.0251	Pass
20	7.74	5965.0124	Pass	5965.0162	Pass	5965.0155	Pass	5965.0122	Pass
10	7.74	5965.0257	Pass	5965.0293	Pass	5965.0265	Pass	5965.0270	Pass
0	7.74	5965.0267	Pass	5965.0254	Pass	5965.0263	Pass	5965.0265	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5965MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	5965.0127	Pass	5965.0150	Pass	5965.0148	Pass	5965.0123	Pass
	7.74	5965.0124	Pass	5965.0162	Pass	5965.0155	Pass	5965.0122	Pass
	6.579	5965.0128	Pass	5965.0169	Pass	5965.0146	Pass	5965.0130	Pass

802.11ax (HE80)
Frequency Stability Versus Temp.
Operating Frequency: 5985MHz

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	5985.0306	Pass	5985.0300	Pass	5985.0282	Pass	5985.0277	Pass
40	7.74	5984.9771	Pass	5984.9783	Pass	5984.9775	Pass	5984.9745	Pass
30	7.74	5984.9818	Pass	5984.9837	Pass	5984.9832	Pass	5984.9853	Pass
20	7.74	5985.0083	Pass	5985.0104	Pass	5985.0064	Pass	5985.0055	Pass
10	7.74	5984.9868	Pass	5984.9879	Pass	5984.9841	Pass	5984.9864	Pass
0	7.74	5984.9880	Pass	5984.9845	Pass	5984.9849	Pass	5984.9865	Pass

Frequency Stability Versus Voltage
Operating Frequency: 5985MHz

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	5985.0071	Pass	5985.0113	Pass	5985.006	Pass	5985.0046	Pass
	7.74	5985.0083	Pass	5985.0104	Pass	5985.0064	Pass	5985.0055	Pass
	6.579	5985.0072	Pass	5985.0116	Pass	5985.0062	Pass	5985.0054	Pass

802.11ax (HE160)
Frequency Stability Versus Temp.
Operating Frequency: 6025MHz

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	7.74	6024.9714	Pass	6024.9709	Pass	6024.9687	Pass	6024.9723	Pass
40	7.74	6024.9932	Pass	6024.9926	Pass	6024.9886	Pass	6024.9935	Pass
30	7.74	6024.9838	Pass	6024.9830	Pass	6024.9814	Pass	6024.9810	Pass
20	7.74	6025.0137	Pass	6025.0098	Pass	6025.0089	Pass	6025.0101	Pass
10	7.74	6024.9706	Pass	6024.9705	Pass	6024.9683	Pass	6024.9680	Pass
0	7.74	6025.0071	Pass	6025.0123	Pass	6025.0084	Pass	6025.0084	Pass

Frequency Stability Versus Voltage
Operating Frequency: 6025MHz

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	8.901	6025.0133	Pass	6025.0108	Pass	6025.0090	Pass	6025.0091	Pass
	7.74	6025.0137	Pass	6025.0098	Pass	6025.0089	Pass	6025.0101	Pass
	6.579	6025.0143	Pass	6025.0090	Pass	6025.0084	Pass	6025.0103	Pass

4.9 Operational Restrictions for 6 GHz U-NII Devices

4.9.1 Limits of Operational Restrictions for 6 GHz U-NII Devices

In the 5.925-7.125 GHz band, client devices, except fixed client devices, must operate under the control of a standard power access point, indoor access point or subordinate devices; Subordinate devices must operate under the control of an indoor access point.

4.9.2 Test Setup

N/A

4.9.3 Test Instruments

N/A

4.9.4 Test Procedure

N/A.

4.9.5 Test Results

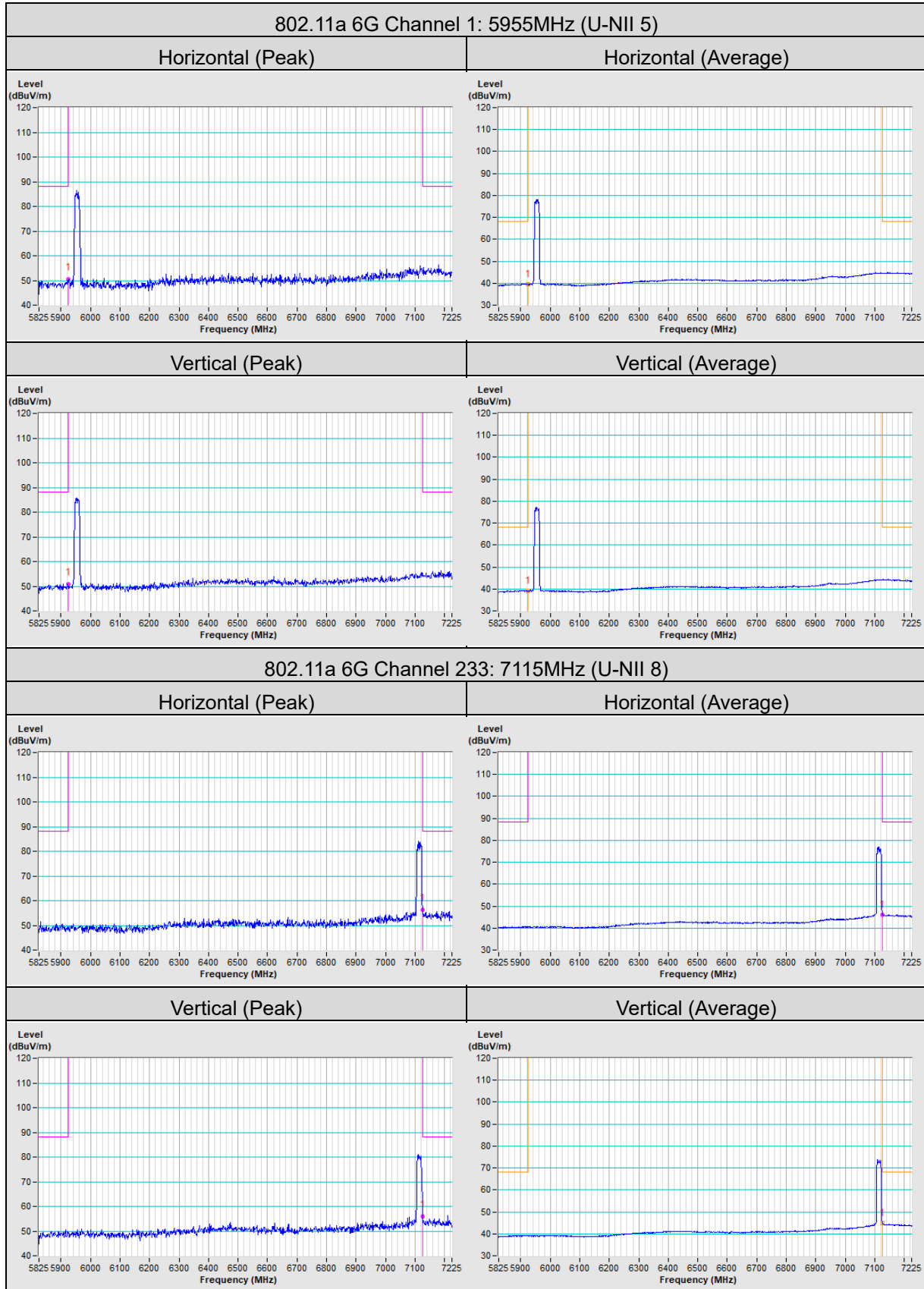
Device is an indoor client device under the control of a low power indoor access point. Please refer to the declaration letter exhibit supplied within this application.

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

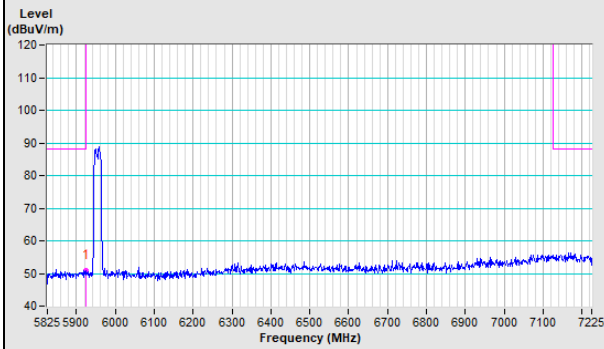
Annex A - Band-Edge Measurement

2TX

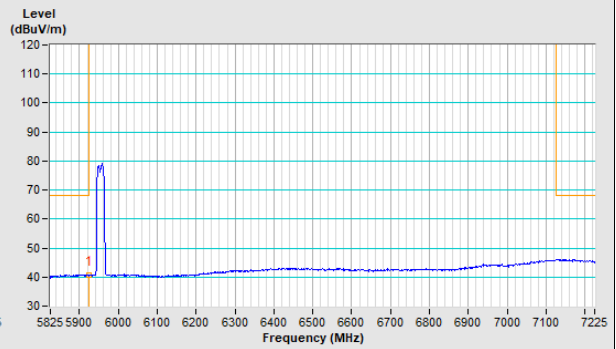


802.11ax (HE20) Channel 1: 5955MHz (U-NII 5)

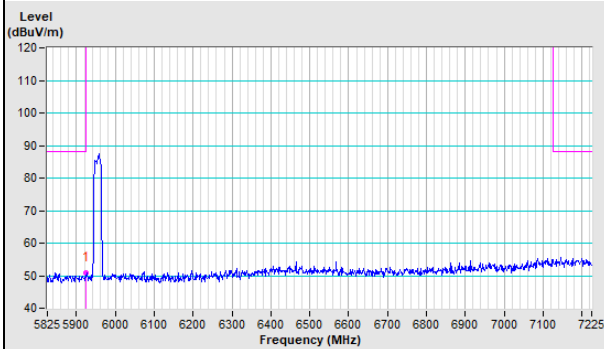
Horizontal (Peak)



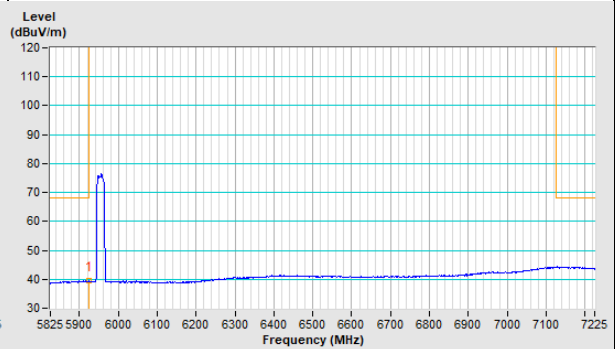
Horizontal (Average)



Vertical (Peak)

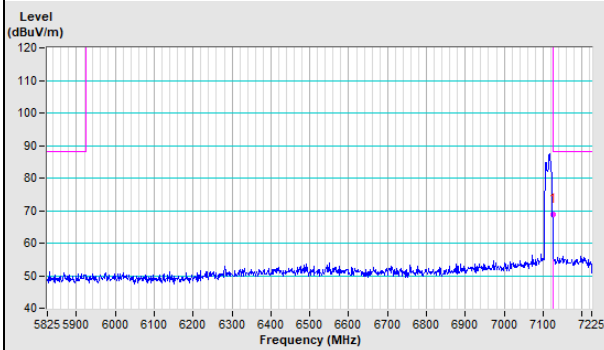


Vertical (Average)

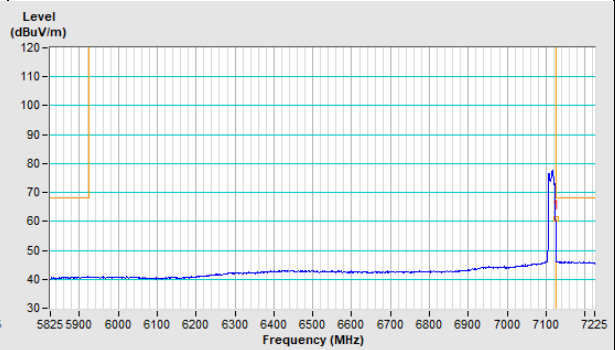


802.11ax (HE20) Channel 233: 7115MHz (U-NII 8)

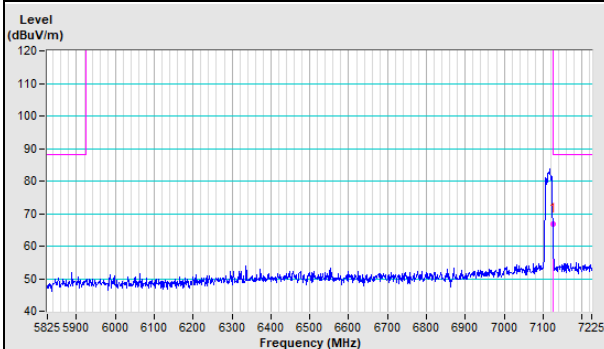
Horizontal (Peak)



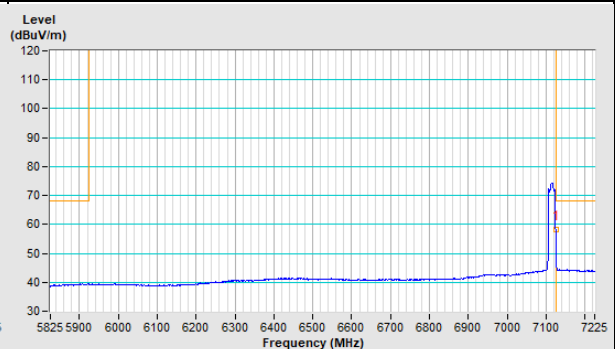
Horizontal (Average)



Vertical (Peak)

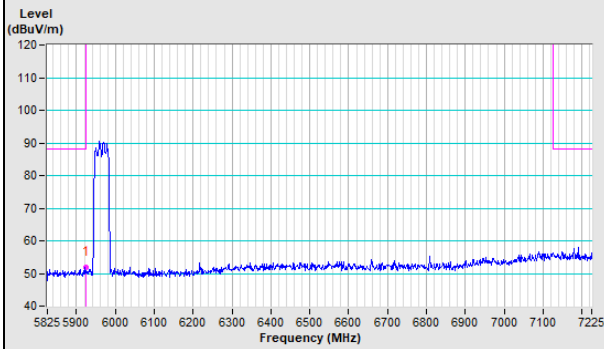


Vertical (Average)

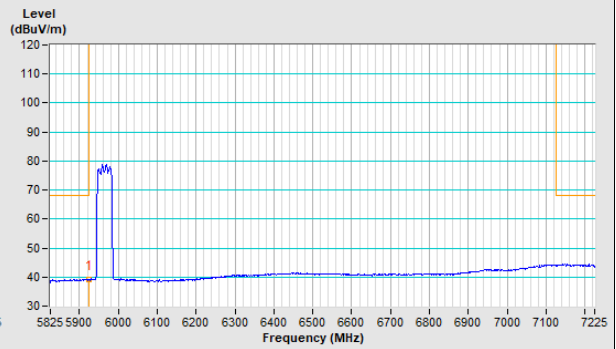


802.11ax (HE40) Channel 3: 5965MHz (U-NII 5)

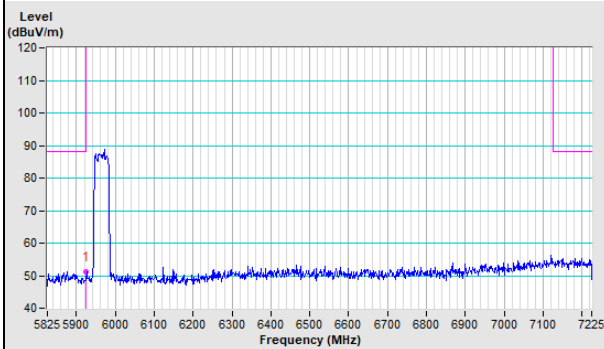
Horizontal (Peak)



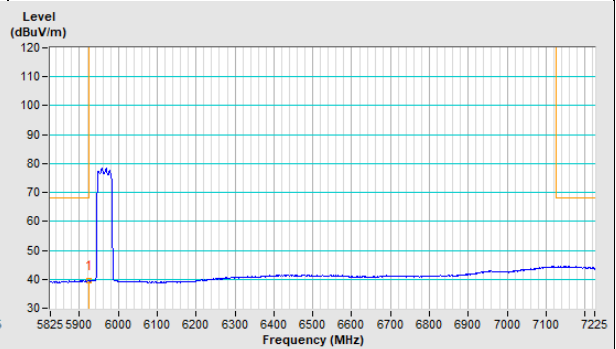
Horizontal (Average)



Vertical (Peak)

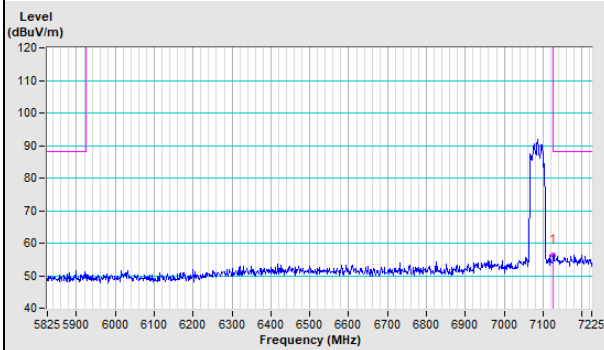


Vertical (Average)

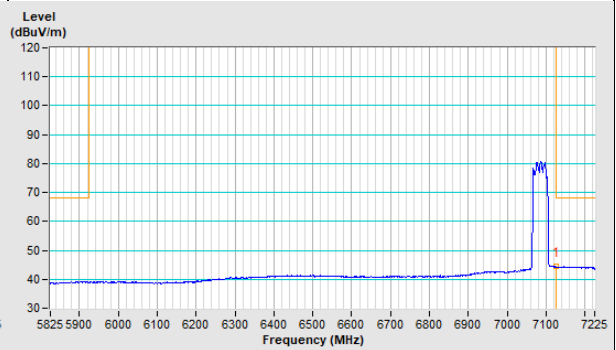


802.11ax (HE40) Channel 227: 7085MHz (U-NII 8)

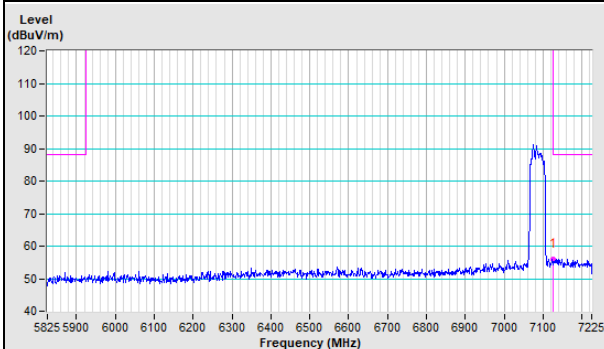
Horizontal (Peak)



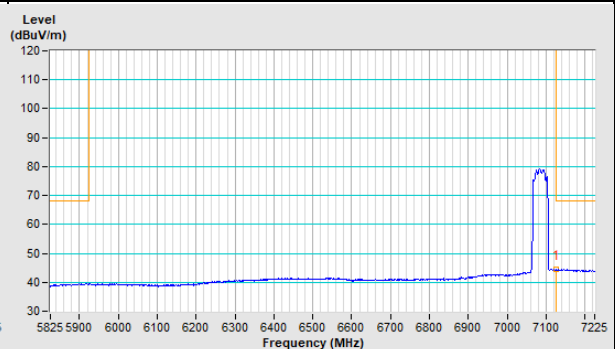
Horizontal (Average)



Vertical (Peak)

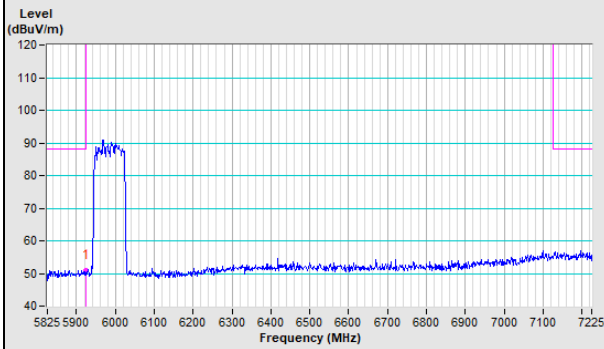


Vertical (Average)

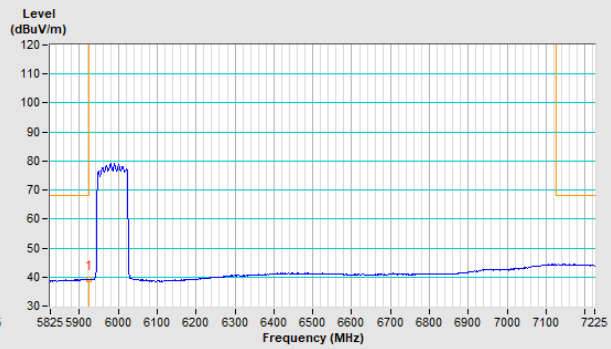


802.11ax (HE80) Channel 7: 5985MHz (U-NII 5)

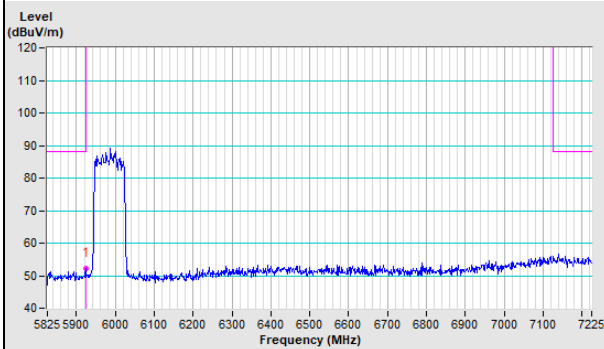
Horizontal (Peak)



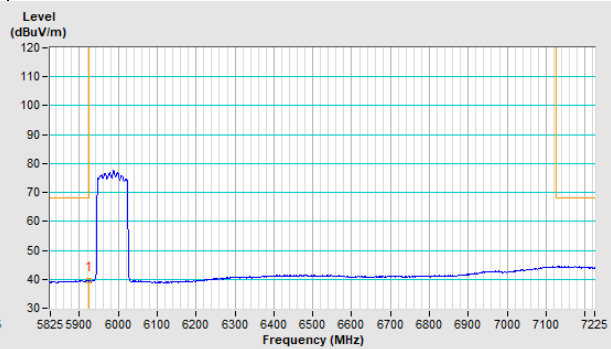
Horizontal (Average)



Vertical (Peak)

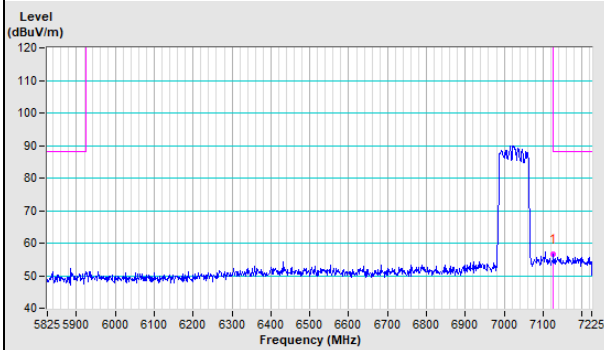


Vertical (Average)

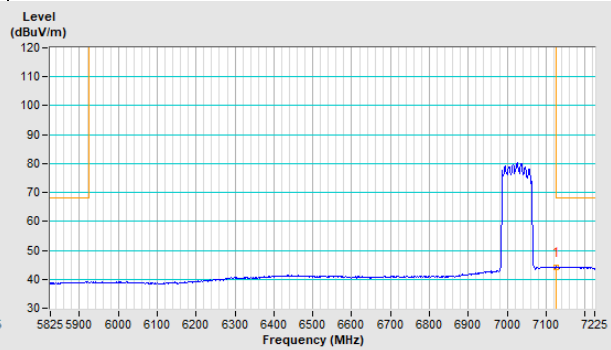


802.11ax (HE80) Channel 215: 7025MHz (U-NII 8)

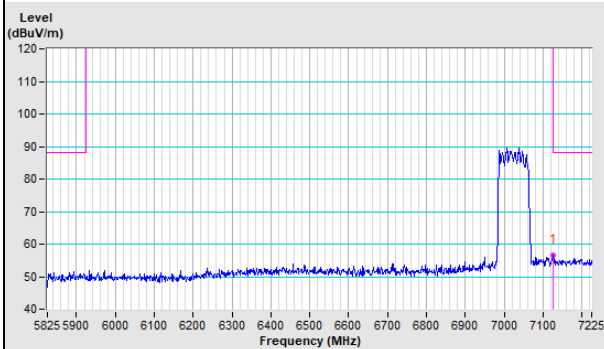
Horizontal (Peak)



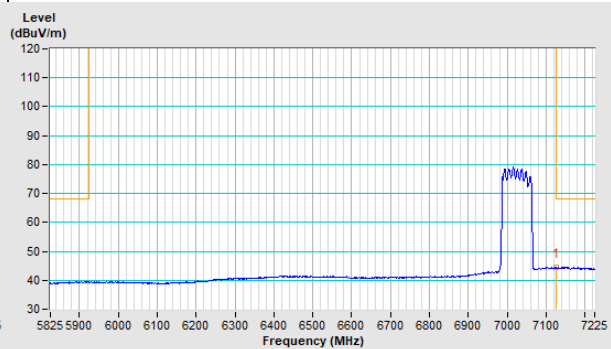
Horizontal (Average)



Vertical (Peak)

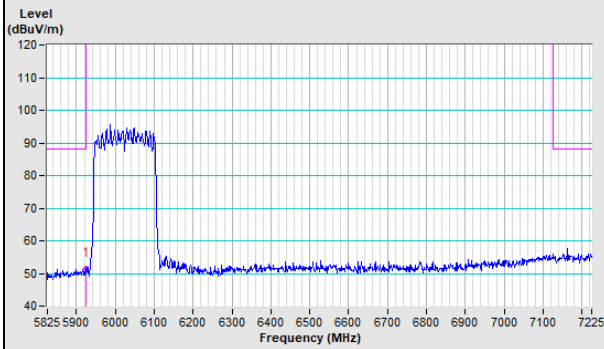


Vertical (Average)

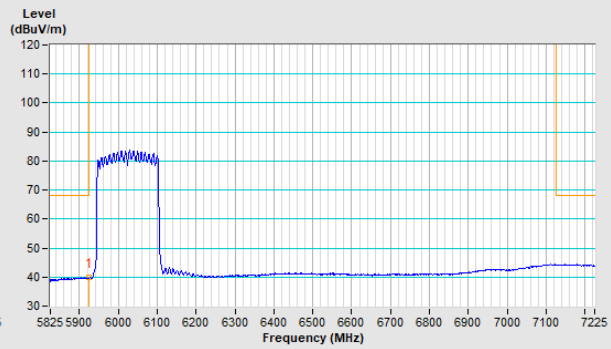


802.11ax (HE160) Channel 15: 6025MHz (U-NII 5)

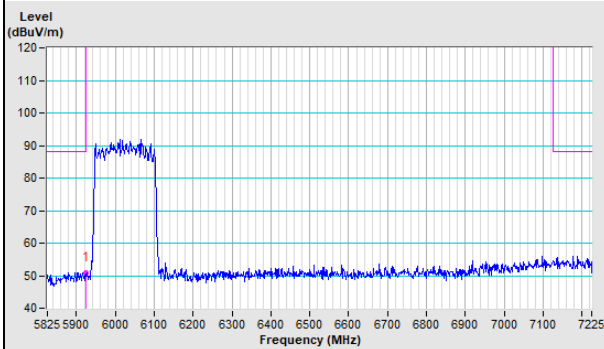
Horizontal (Peak)



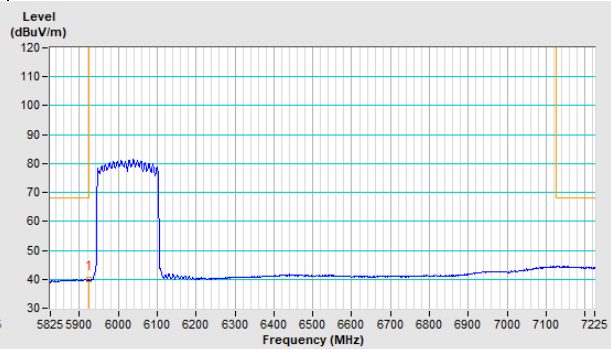
Horizontal (Average)



Vertical (Peak)

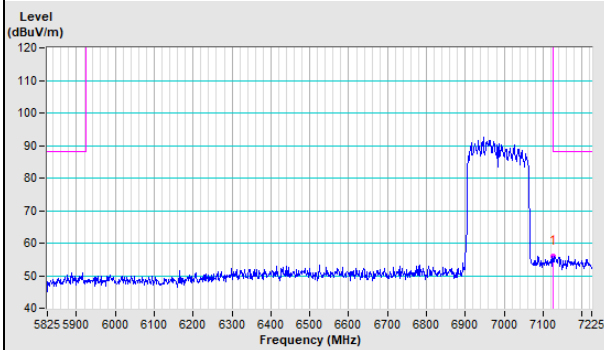


Vertical (Average)

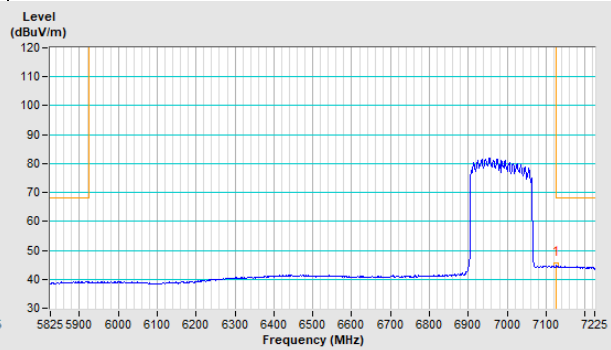


802.11ax (HE160) Channel 207: 6985MHz (U-NII 8)

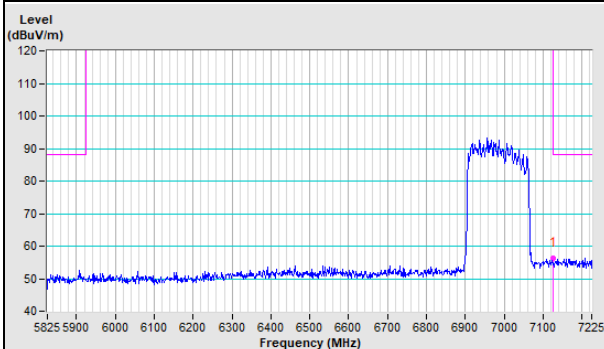
Horizontal (Peak)



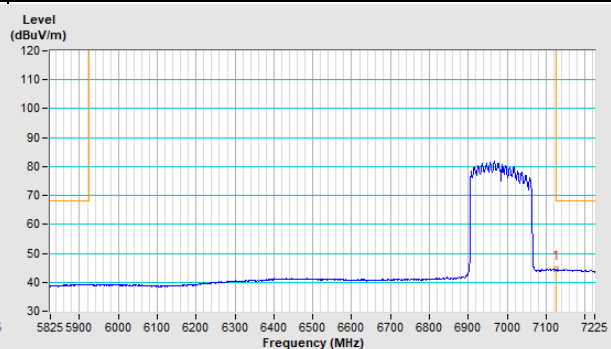
Horizontal (Average)



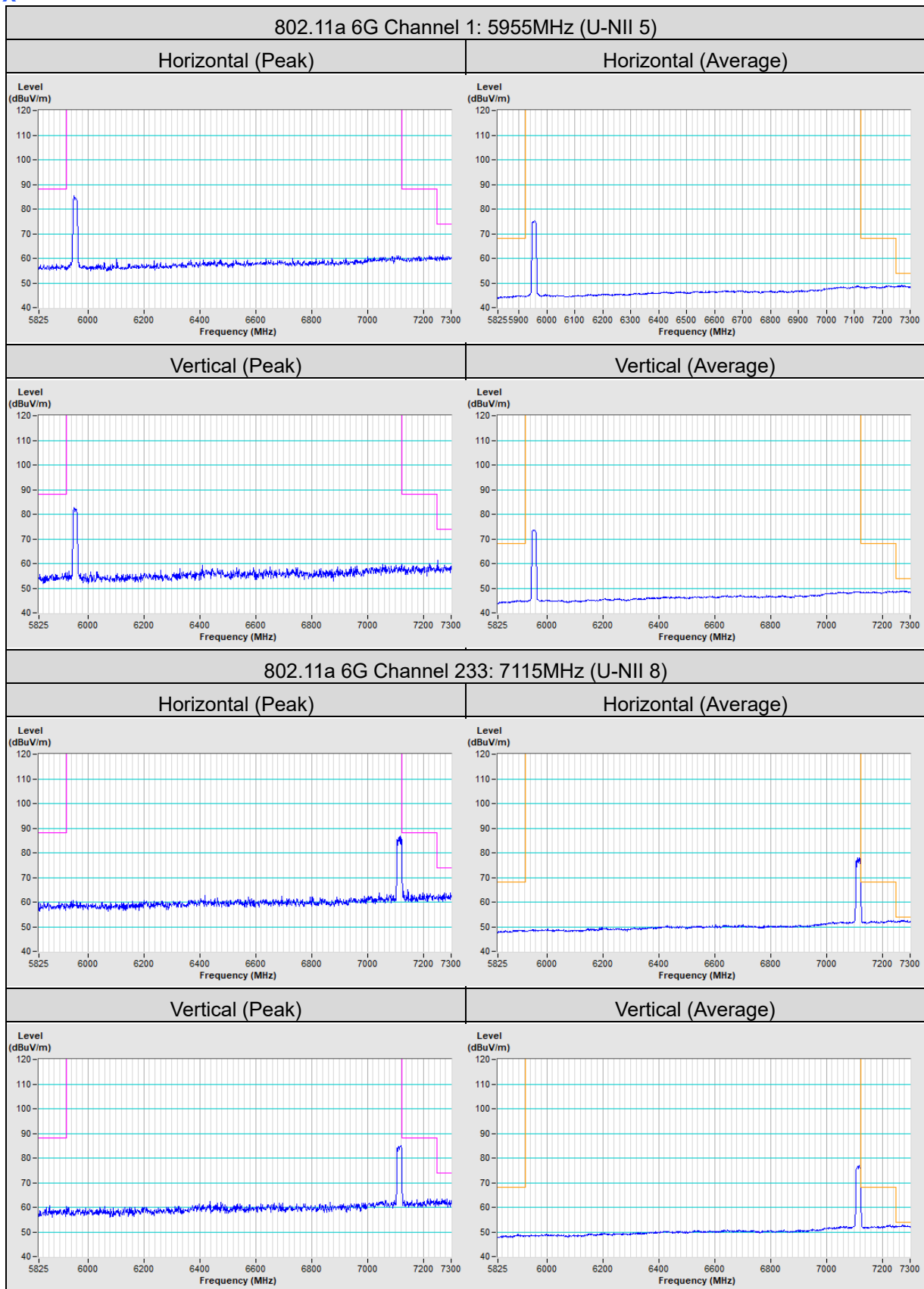
Vertical (Peak)



Vertical (Average)

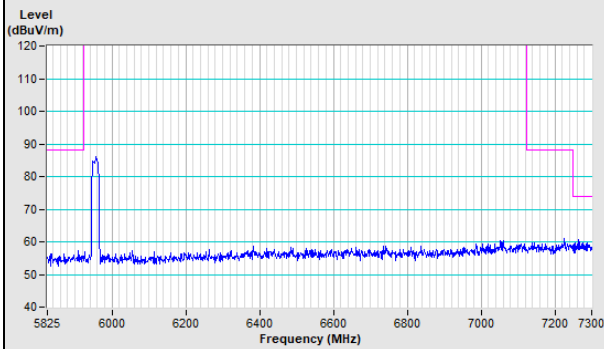


1TX

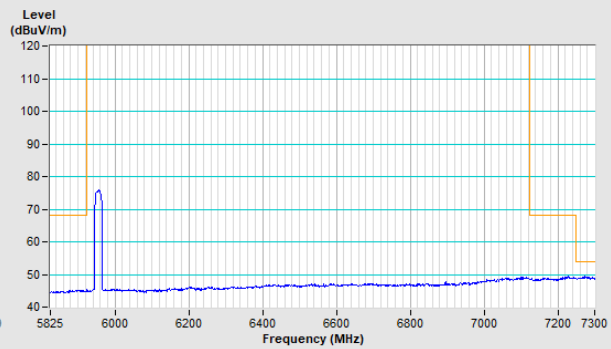


802.11ax (HE20) Channel 1: 5955MHz (U-NII 5)

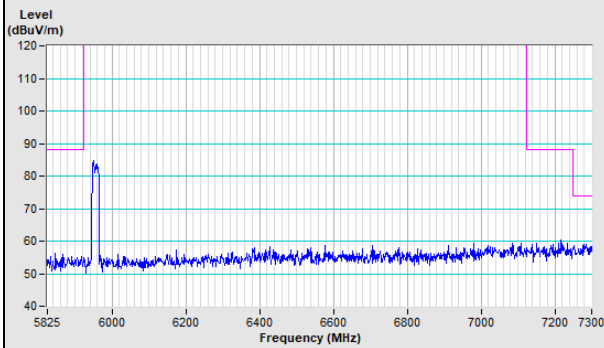
Horizontal (Peak)



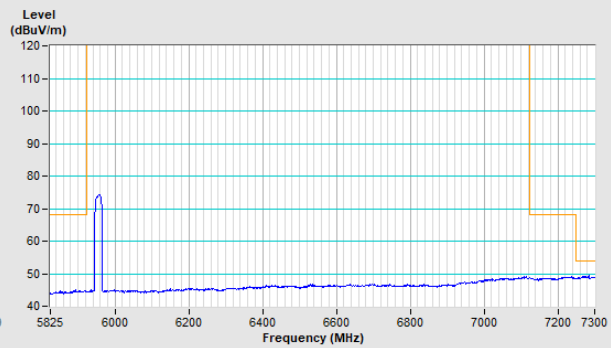
Horizontal (Average)



Vertical (Peak)

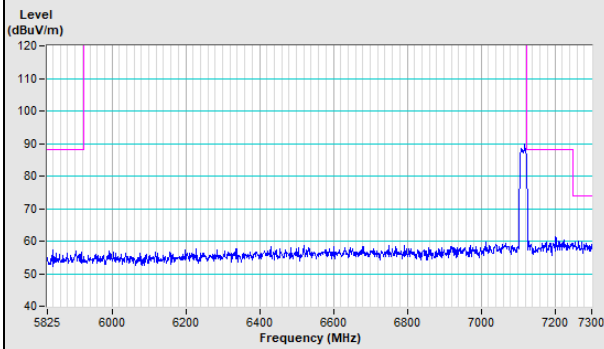


Vertical (Average)

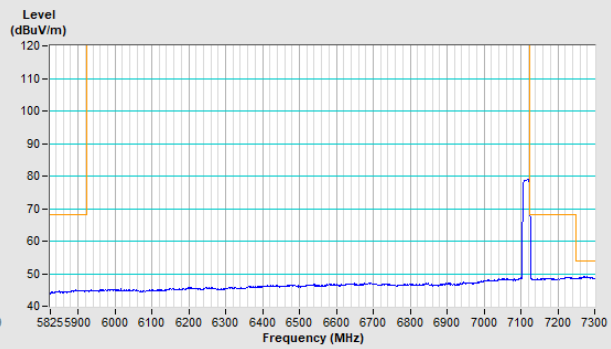


802.11ax (HE20) Channel 233: 7115MHz (U-NII 8)

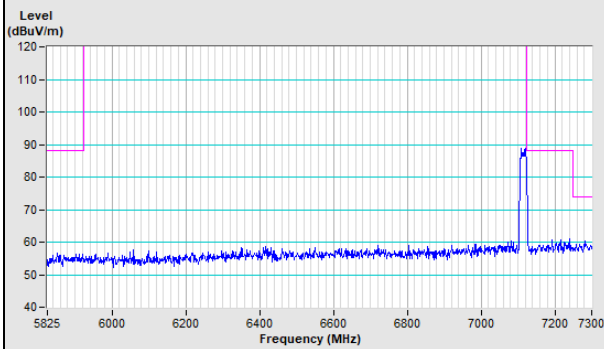
Horizontal (Peak)



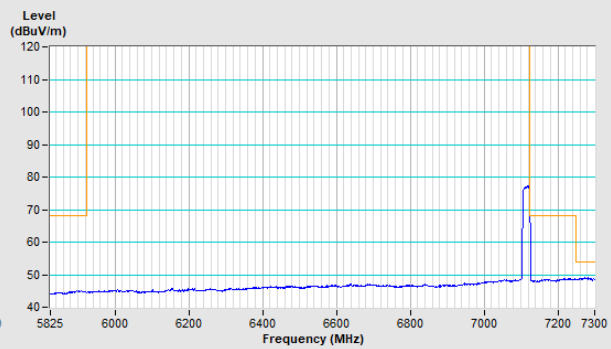
Horizontal (Average)



Vertical (Peak)

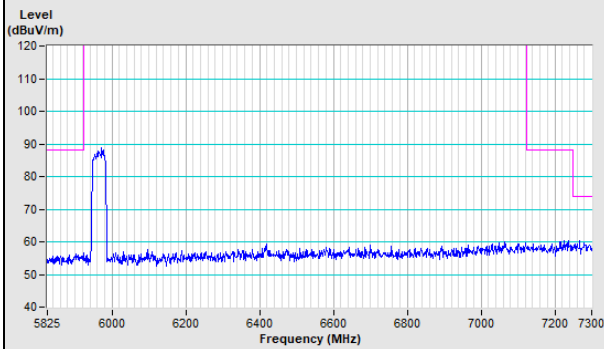


Vertical (Average)

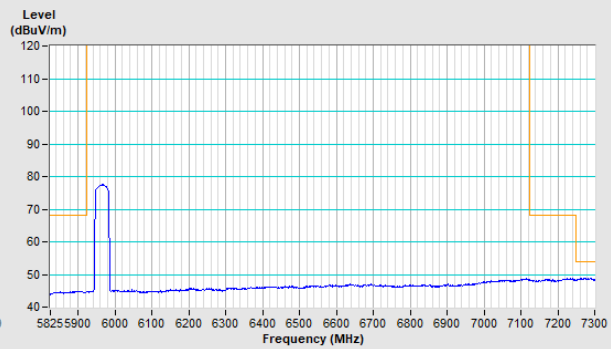


802.11ax (HE40) Channel 3: 5965MHz (U-NII 5)

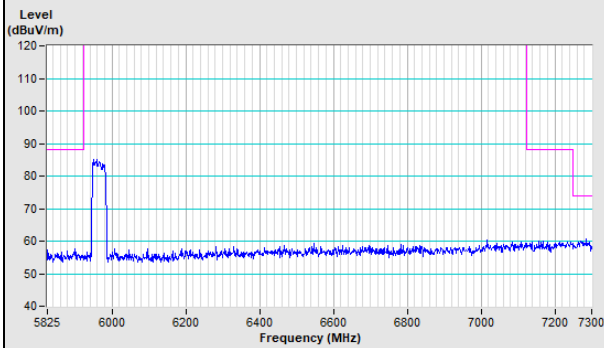
Horizontal (Peak)



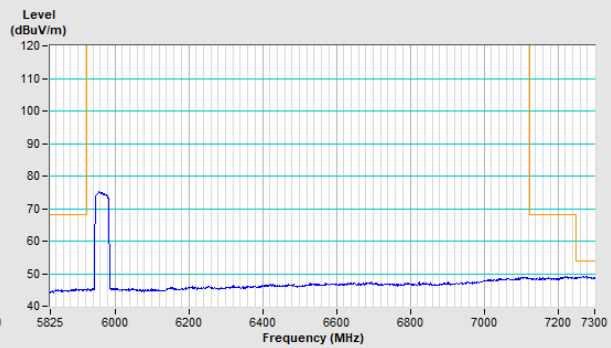
Horizontal (Average)



Vertical (Peak)

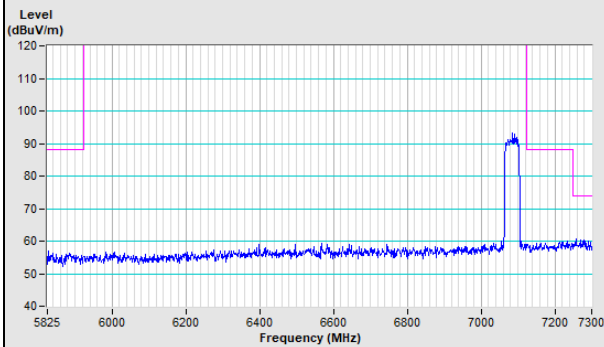


Vertical (Average)

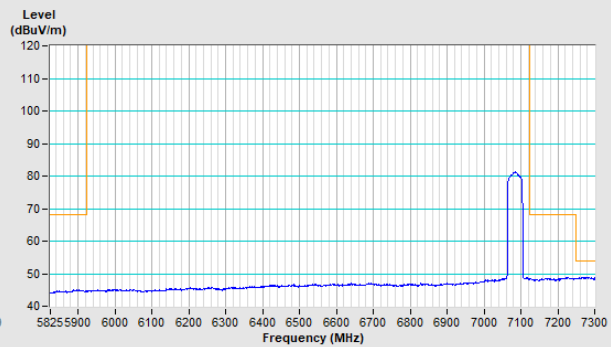


802.11ax (HE40) Channel 227: 7085MHz (U-NII 8)

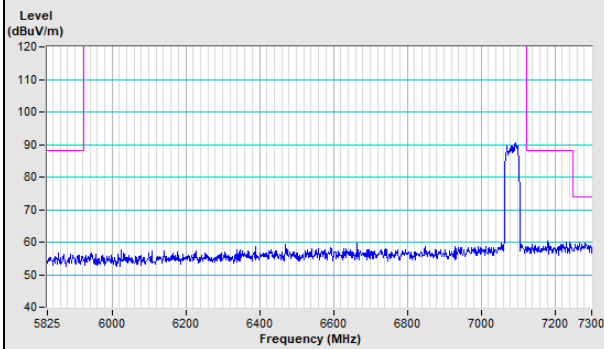
Horizontal (Peak)



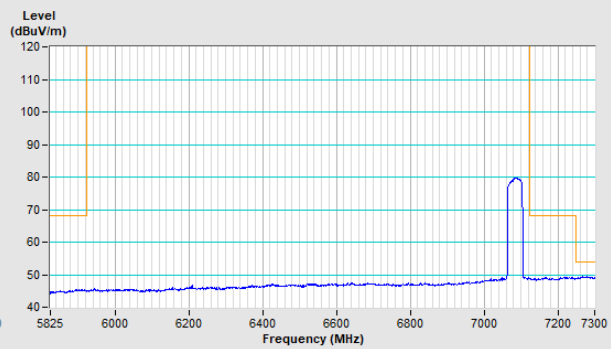
Horizontal (Average)



Vertical (Peak)

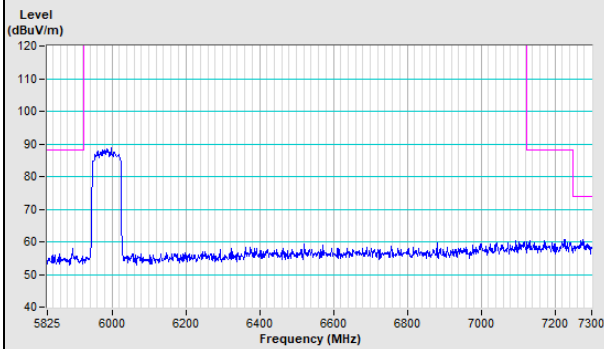


Vertical (Average)

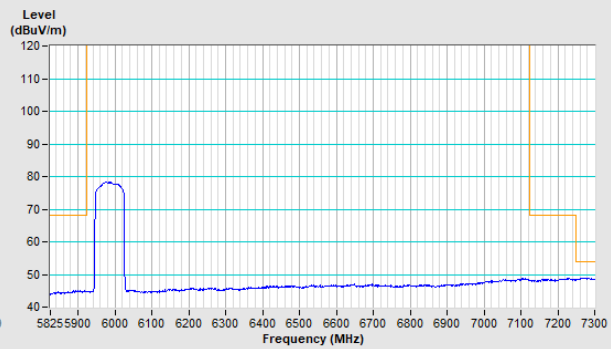


802.11ax (HE80) Channel 7: 5985MHz (U-NII 5)

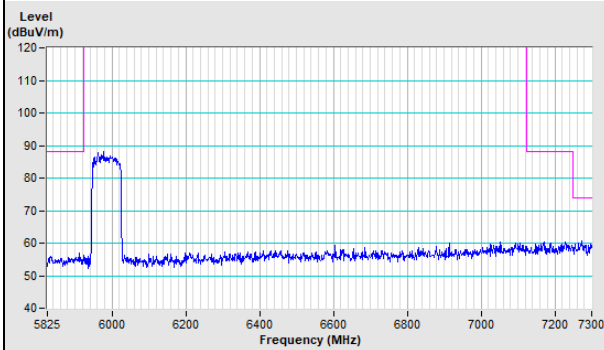
Horizontal (Peak)



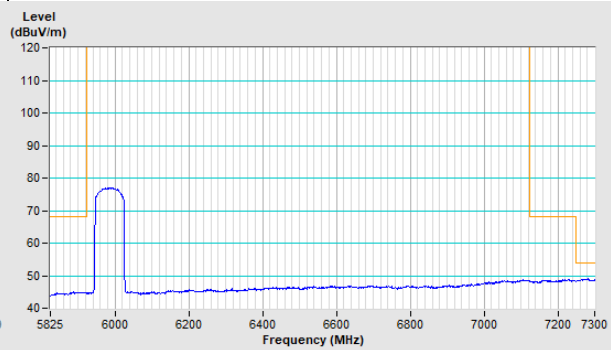
Horizontal (Average)



Vertical (Peak)

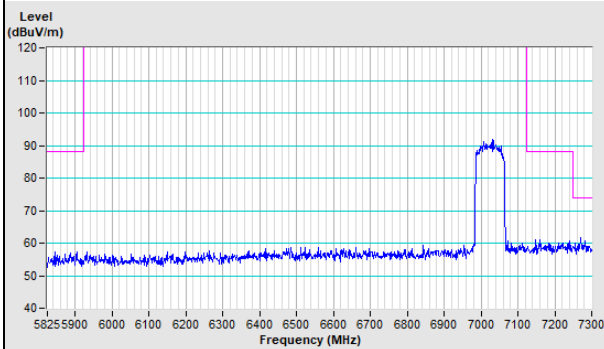


Vertical (Average)

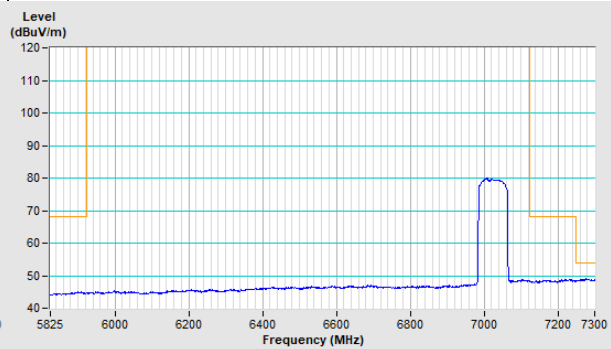


802.11ax (HE80) Channel 215: 7025MHz (U-NII 8)

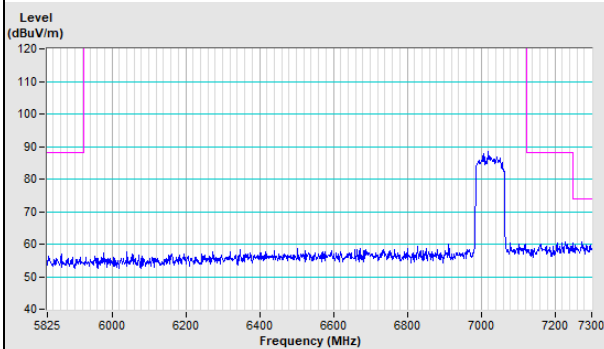
Horizontal (Peak)



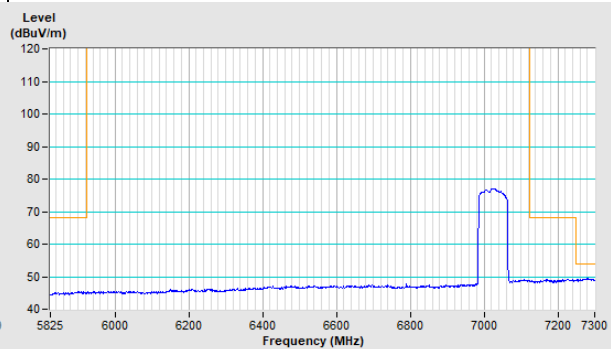
Horizontal (Average)



Vertical (Peak)

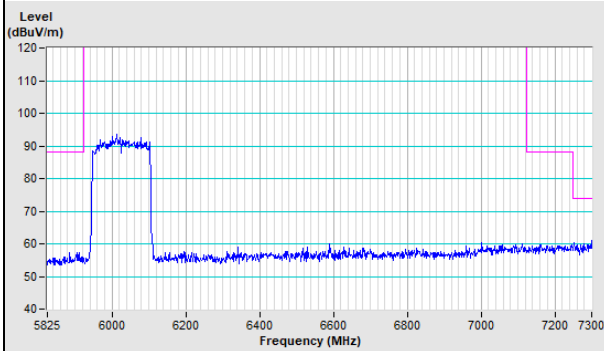


Vertical (Average)

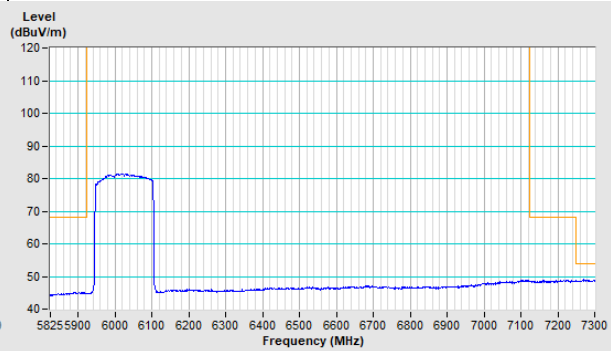


802.11ax (HE160) Channel 15: 6025MHz (U-NII 5)

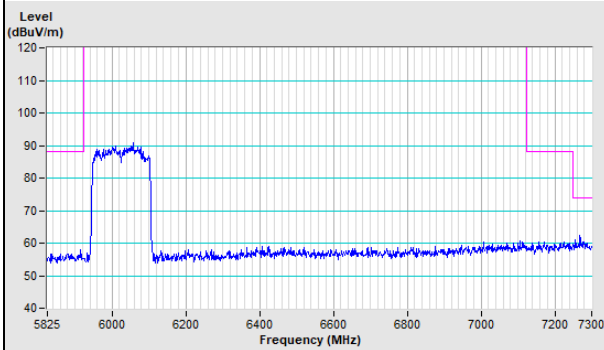
Horizontal (Peak)



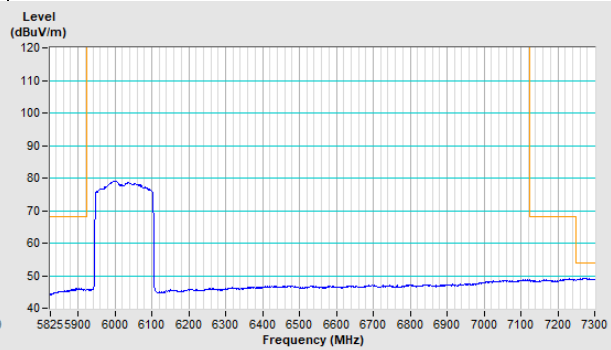
Horizontal (Average)



Vertical (Peak)

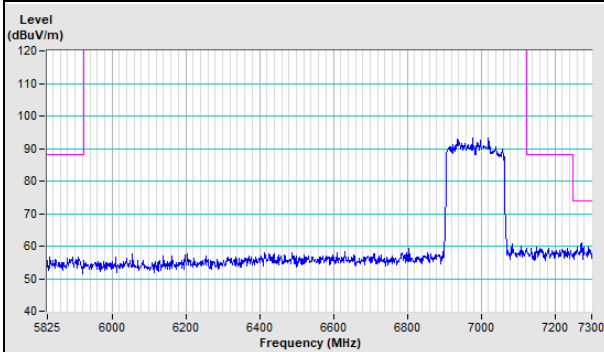


Vertical (Average)

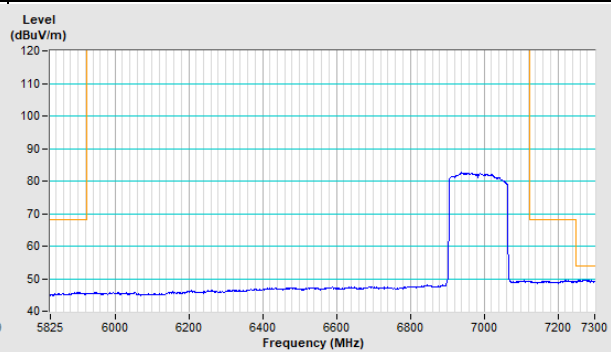


802.11ax (HE160) Channel 207: 6985MHz (U-NII 8)

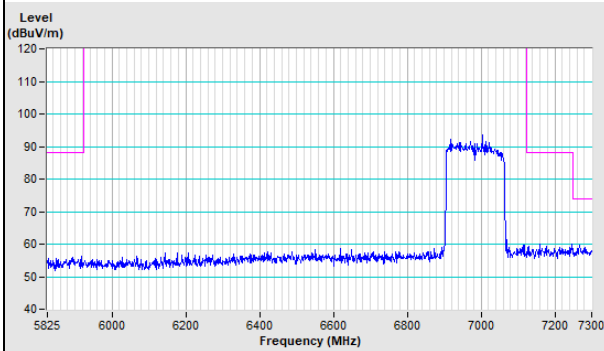
Horizontal (Peak)



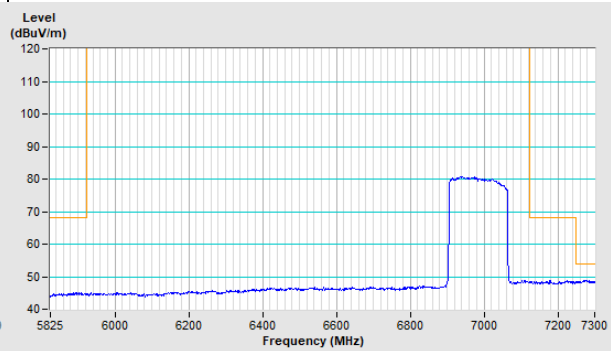
Horizontal (Average)



Vertical (Peak)



Vertical (Average)



Appendix– 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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Web Site: www.bureauveritas-adt.com

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

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