

**Underwriters Laboratories Taiwan Co., Ltd.**

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**802.11ax (HE160)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (dBm)	Max. Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass/Fail
		Chain 0	Chain 1					
15	6025	8.41	8.22	11.33	5.00	16.33	24	PASS
47	6185	7.51	7.64	10.59	5.00	15.59	24	PASS
79	6345	7.54	7.01	10.29	5.00	15.29	24	PASS
111	6505	7.46	7.97	10.73	5.00	15.73	24	PASS
143	6665	6.82	7.32	10.09	5.00	15.09	24	PASS
175	6825	7.86	7.59	10.74	5.00	15.74	24	PASS
207	6985	7.12	6.99	10.07	5.00	15.07	24	PASS

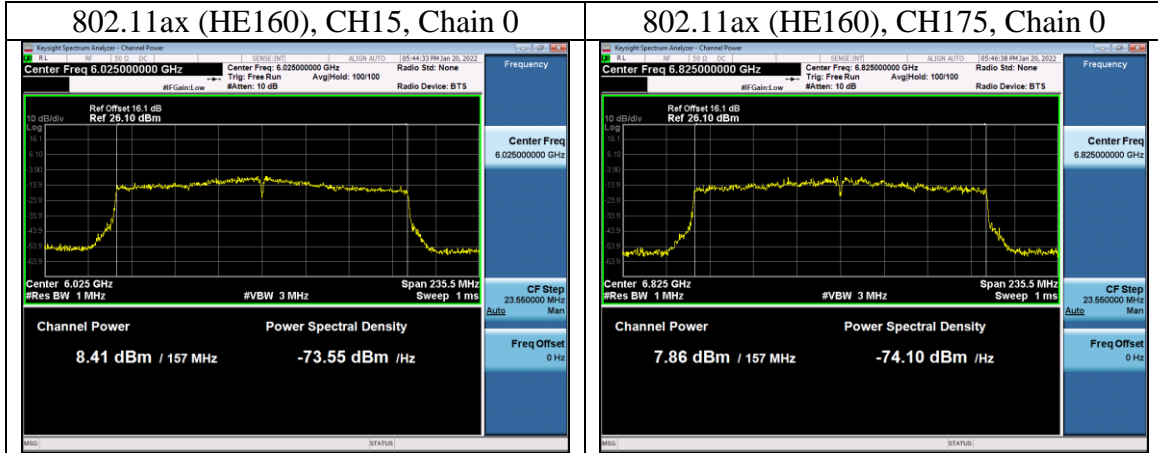
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Doc No: 17-EM-F0988 / 1.0



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## Beamforming mode

### 802.11ax (HE20)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (dBm)	Directional Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass/Fail
		Chain 0	Chain 1					
2	5935	-0.22	-0.71	2.55	8.01	10.56	24	PASS
1	5955	0.97	-2.76	2.50	8.01	10.51	24	PASS
45	6175	-0.03	-1.28	2.40	8.01	10.41	24	PASS
93	6415	0.12	-2.19	2.13	8.01	10.14	24	PASS
97	6435	0.72	-1.99	2.58	8.01	10.59	24	PASS
105	6475	0.72	-2.41	2.44	8.01	10.45	24	PASS
113	6515	0.69	-2.32	2.45	8.01	10.46	24	PASS
117	6535	0.22	-0.45	2.91	8.01	10.92	24	PASS
149	6695	-0.29	-0.43	2.65	8.01	10.66	24	PASS
181	6855	-0.02	-1.04	2.51	8.01	10.52	24	PASS
185	6875	-0.29	-0.61	2.56	8.01	10.57	24	PASS
209	6995	-0.28	0.19	2.97	8.01	10.98	24	PASS
229	7095	0.10	0.05	3.09	8.01	11.10	24	PASS
233	7115	-0.05	0.25	3.11	8.01	11.12	24	PASS

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**802.11ax (HE40)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (dBm)	Max. Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass/Fail
		Chain 0	Chain 1					
3	5965	2.60	1.35	5.03	8.01	13.04	24	PASS
43	6165	2.52	0.99	4.83	8.01	12.84	24	PASS
91	6405	3.38	1.28	5.47	8.01	13.48	24	PASS
99	6445	2.69	1.02	4.95	8.01	12.96	24	PASS
107	6485	3.15	1.07	5.24	8.01	13.25	24	PASS
115	6525	2.17	1.54	4.88	8.01	12.89	24	PASS
123	6565	2.11	1.63	4.89	8.01	12.90	24	PASS
155	6725	2.80	2.22	5.53	8.01	13.54	24	PASS
179	6845	3.12	1.36	5.34	8.01	13.35	24	PASS
187	6885	2.22	2.63	5.44	8.01	13.45	24	PASS
211	7005	1.80	2.11	4.97	8.01	12.98	24	PASS
227	7085	2.62	2.45	5.55	8.01	13.56	24	PASS

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**802.11ax (HE80)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (dBm)	Max. Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass/Fail
		Chain 0	Chain 1					
7	5985	5.64	5.05	8.37	8.01	16.38	24	PASS
39	6145	4.52	4.71	7.63	8.01	15.64	24	PASS
87	6385	3.26	4.30	6.82	8.01	14.83	24	PASS
103	6465	4.17	4.09	7.14	8.01	15.15	24	PASS
119	6545	3.80	4.16	6.99	8.01	15.00	24	PASS
135	6625	3.69	4.45	7.10	8.01	15.11	24	PASS
151	6705	4.44	4.74	7.60	8.01	15.61	24	PASS
167	6785	5.16	5.08	8.13	8.01	16.14	24	PASS
183	6865	5.62	5.22	8.43	8.01	16.44	24	PASS
199	6945	5.55	5.43	8.50	8.01	16.51	24	PASS
215	7025	4.92	5.01	7.98	8.01	15.99	24	PASS

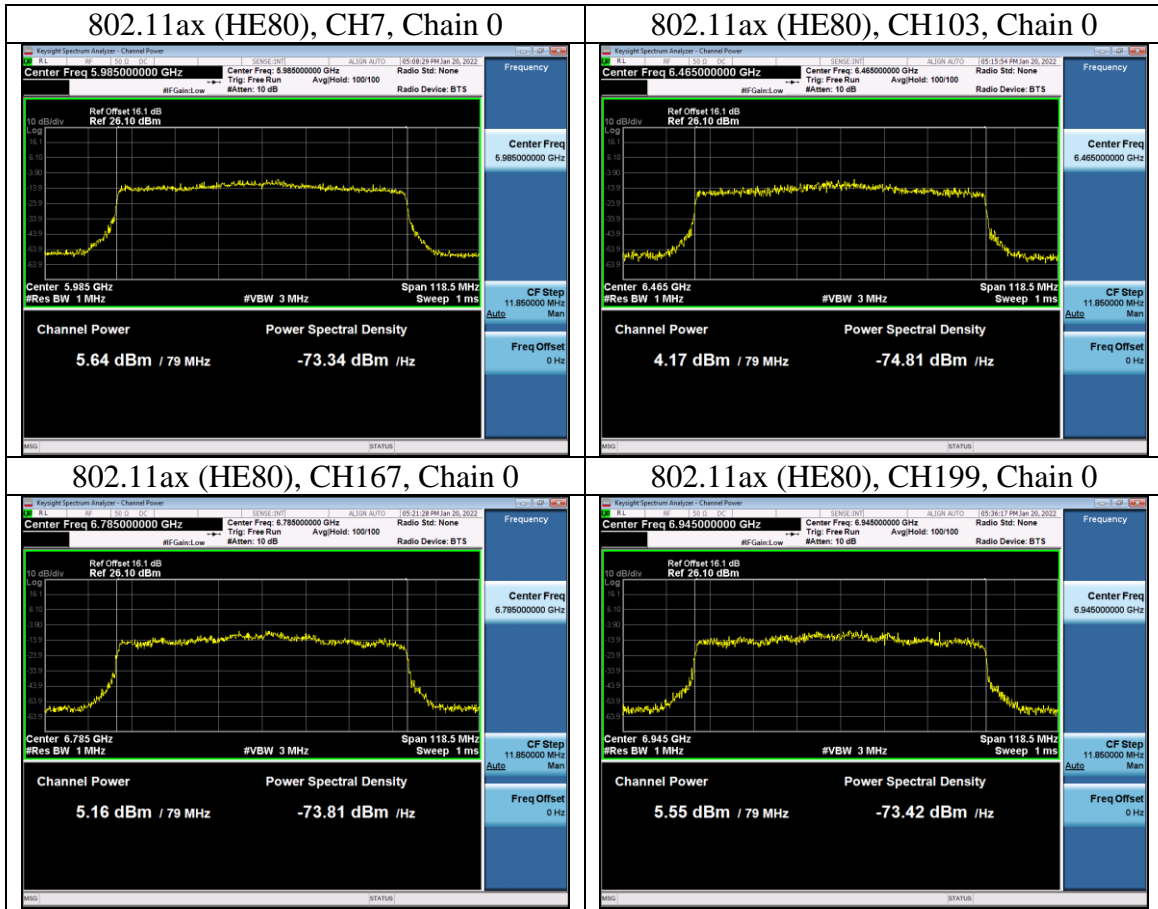
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**802.11ax (HE160)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (dBm)	Max. Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Pass/Fail
		Chain 0	Chain 1					
15	6025	8.00	7.92	10.97	8.01	18.98	24	PASS
47	6185	7.17	7.19	10.19	8.01	18.20	24	PASS
79	6345	7.17	6.66	9.93	8.01	17.94	24	PASS
111	6505	7.09	7.52	10.32	8.01	18.33	24	PASS
143	6665	6.41	7.05	9.75	8.01	17.76	24	PASS
175	6825	7.42	7.32	10.38	8.01	18.39	24	PASS
207	6985	6.71	6.73	9.73	8.01	17.74	24	PASS

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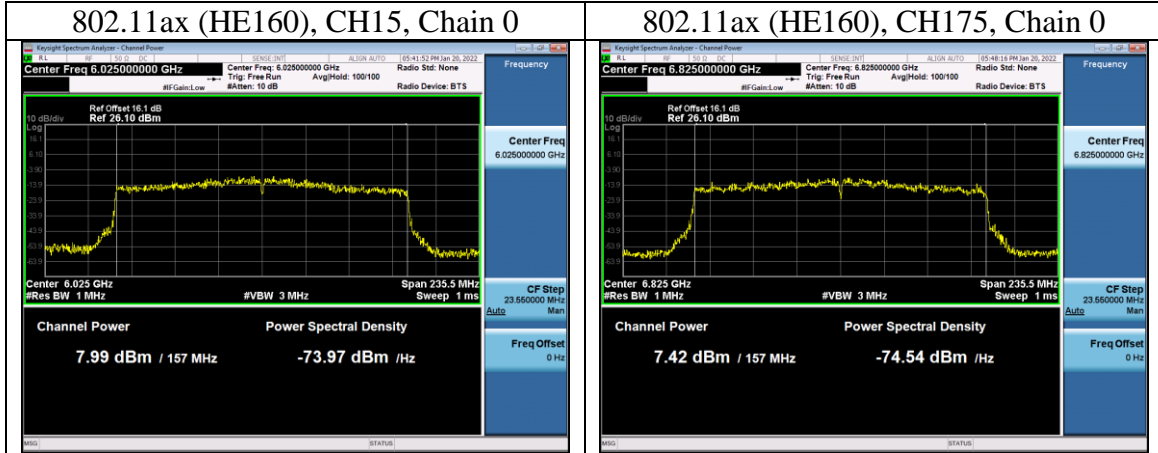
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## 9.4. Power Spectral Density

### Requirements

EUT Category		Operation Band	Limit
			Max Average Power Density
	Standard Power AP (6SD)	U-NII-5 U-NII-7	EIRP ≤ 23 dBm/MHz
	Fixed Client (6FC)	U-NII-5 U-NII-7	EIRP ≤ 23 dBm/MHz
	Standard Client (6FX)	U-NII-5 U-NII-7	EIRP ≤ 17 dBm/MHz
	Indoor AP (6ID)	U-NII-5, U-NII-6 U-NII-7, U-NII-8	EIRP ≤ 5 dBm/MHz
	Subordinate (6PP)	U-NII-5, U-NII-6 U-NII-7, U-NII-8	EIRP ≤ 5 dBm/MHz
√	Indoor Client (6XD)	U-NII-5, U-NII-6 U-NII-7, U-NII-8	EIRP ≤ -1 dBm/MHz
	Dual Client (6CD)	Control of a low power indoor AP: U-NII-5, U-NII-6 U-NII-7, U-NII-8	EIRP ≤ -1 dBm/MHz
		Control of a standard power AP: U-NII-5 U-NII-7	EIRP ≤ 17 dBm/MHz

Note:

- PSD = power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz
- $G_{TX}$  = the maximum transmitting antenna directional gain in dBi.
- Directional Gain =  $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / Nant]$  dBi.

Nant: Number of Transmit Antennas

G1, G2, ..., Gn: Gain of Individual Antennas

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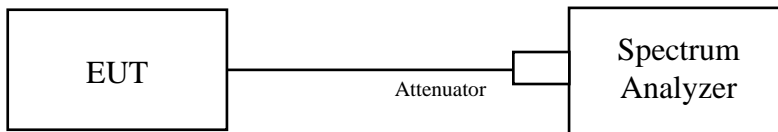


## Test procedure

### Using method:

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW  $\geq$  3 RBW, Detector = RMS
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value and add 10 log (1/duty cycle) \*If duty cycle < 98%

## Test Setup



The loss between RF output port of the EUT and the input port of the Spectrum Analyzer has been taken into consideration.

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### Test Data

Mode	CH	Freq (MHz)	PSD (dBm/MHz)		Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
			Chain 0	Chain 1				
802.11a	2	5935	-11.936	-12.843	8.01	-1.526	-1	Pass
	1	5955	-10.155	-14.093	8.01	-1.05	-1	Pass
	45	6175	-11.906	-13.063	8.01	-1.729	-1	Pass
	93	6415	-11.418	-13.833	8.01	-1.7	-1	Pass
	97	6435	-10.77	-13.308	8.01	-1.292	-1	Pass
	105	6475	-10.687	-13.64	8.01	-1.134	-1	Pass
	113	6515	-10.771	-13.13	8.01	-1.199	-1	Pass
	117	6535	-12.021	-12.524	8.01	-1.476	-1	Pass
	149	6695	-11.559	-12.16	8.01	-1.311	-1	Pass
	181	6855	-11.96	-12.611	8.01	-1.791	-1	Pass
	185	6875	-12.224	-12.078	8.01	-1.79	-1	Pass
	209	6995	-12.14	-12.237	8.01	-1.533	-1	Pass
	229	7095	-12.398	-12.235	8.01	-1.879	-1	Pass
	233	7115	-12.357	-12.392	8.01	-1.793	-1	Pass

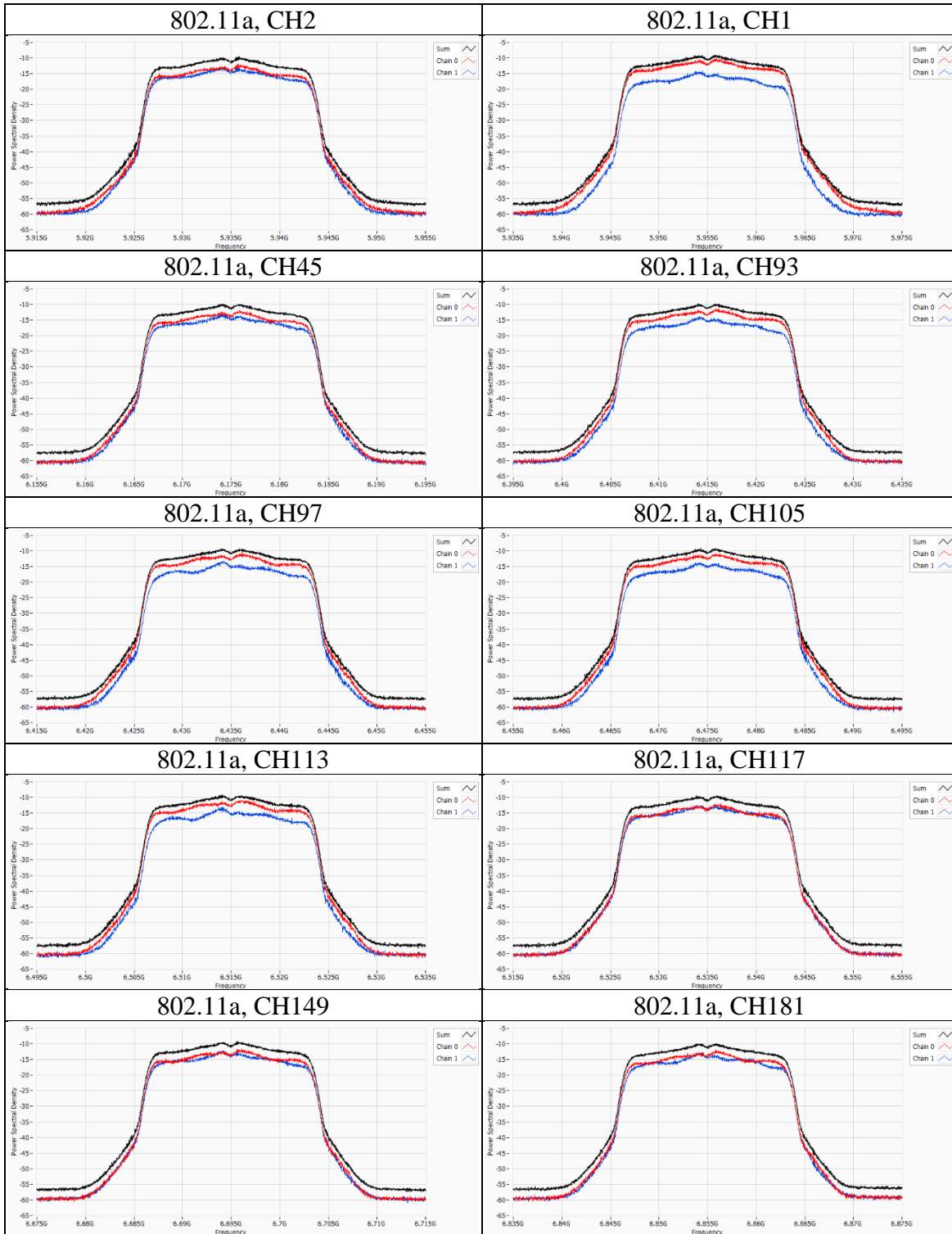
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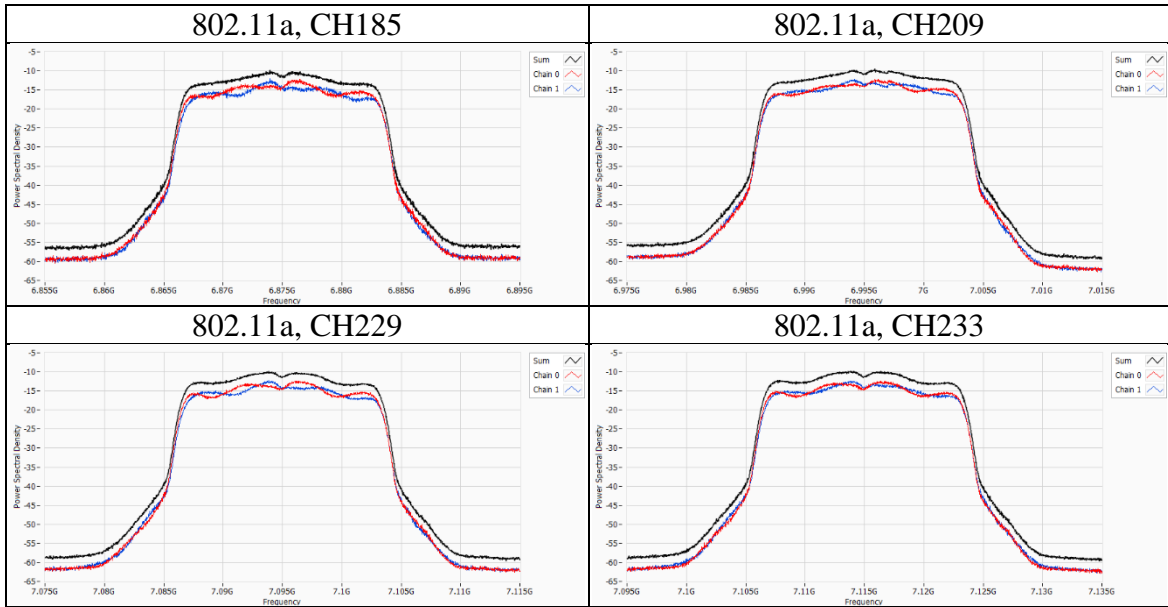


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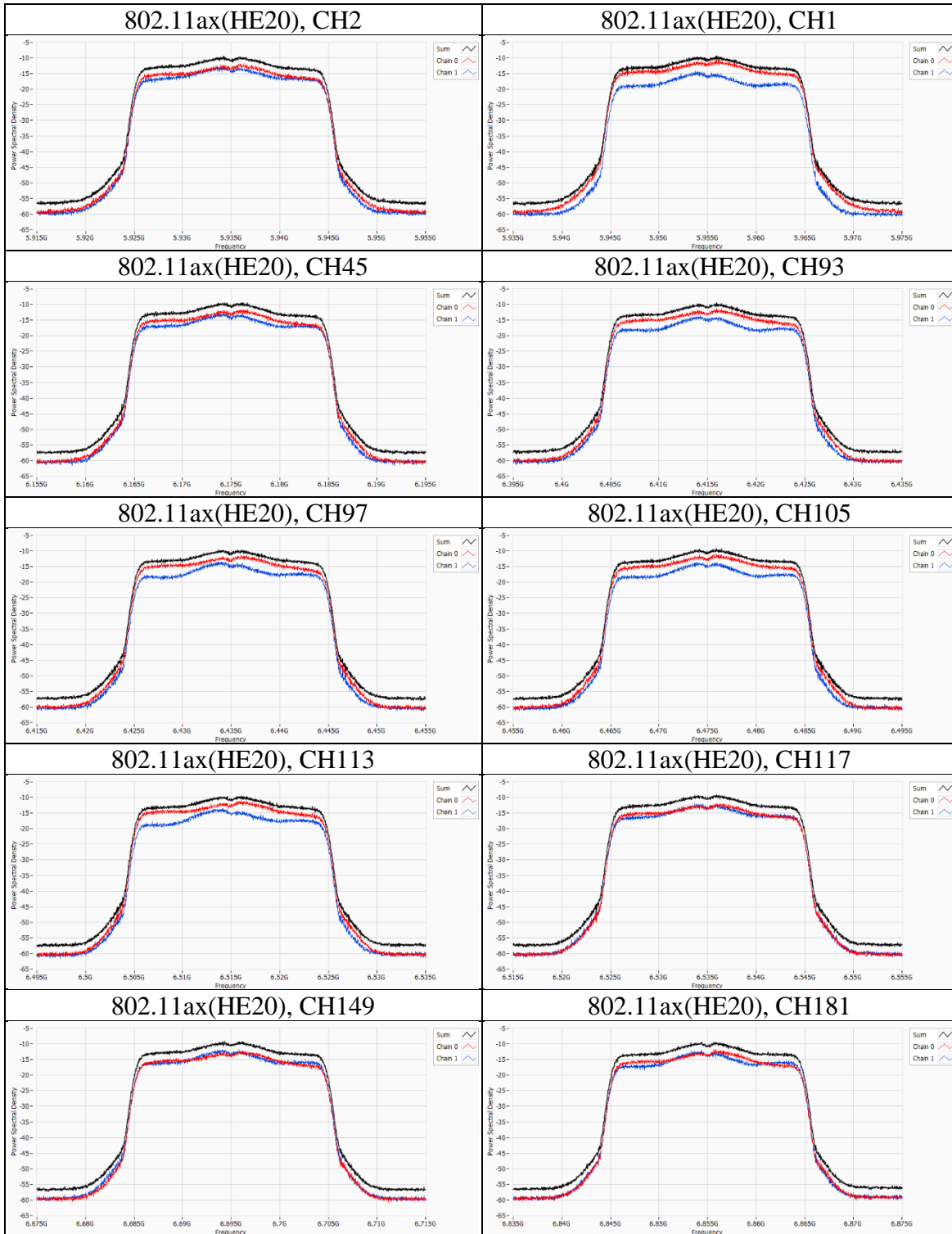
Mode	CH	Freq (MHz)	PSD (dBm/MHz)		Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
			Chain 0	Chain 1				
802.11ax(HE20)	2	5935	-11.761	-12.384	8.01	-1.477	-1	Pass
	1	5955	-10.43	-14.2	8.01	-1.373	-1	Pass
	45	6175	-11.463	-12.783	8.01	-1.472	-1	Pass
	93	6415	-11.128	-13.628	8.01	-1.485	-1	Pass
	97	6435	-11.31	-13.341	8.01	-1.553	-1	Pass
	105	6475	-10.89	-13.641	8.01	-1.163	-1	Pass
	113	6515	-10.888	-13.652	8.01	-1.518	-1	Pass
	117	6535	-11.966	-11.852	8.01	-1.185	-1	Pass
	149	6695	-12.218	-11.781	8.01	-1.189	-1	Pass
	181	6855	-11.839	-12.13	8.01	-1.473	-1	Pass
	185	6875	-12.021	-12.056	8.01	-1.723	-1	Pass
	209	6995	-12.119	-11.506	8.01	-1.324	-1	Pass
	229	7095	-11.98	-11.404	8.01	-1.327	-1	Pass
	233	7115	-12.067	-12.151	8.01	-1.574	-1	Pass
	185	6875	-12.021	-12.056	8.01	-1.723	-1	Pass
	209	6995	-12.119	-11.506	8.01	-1.324	-1	Pass
	229	7095	-11.98	-11.404	8.01	-1.327	-1	Pass
	233	7115	-12.067	-12.151	8.01	-1.574	-1	Pass

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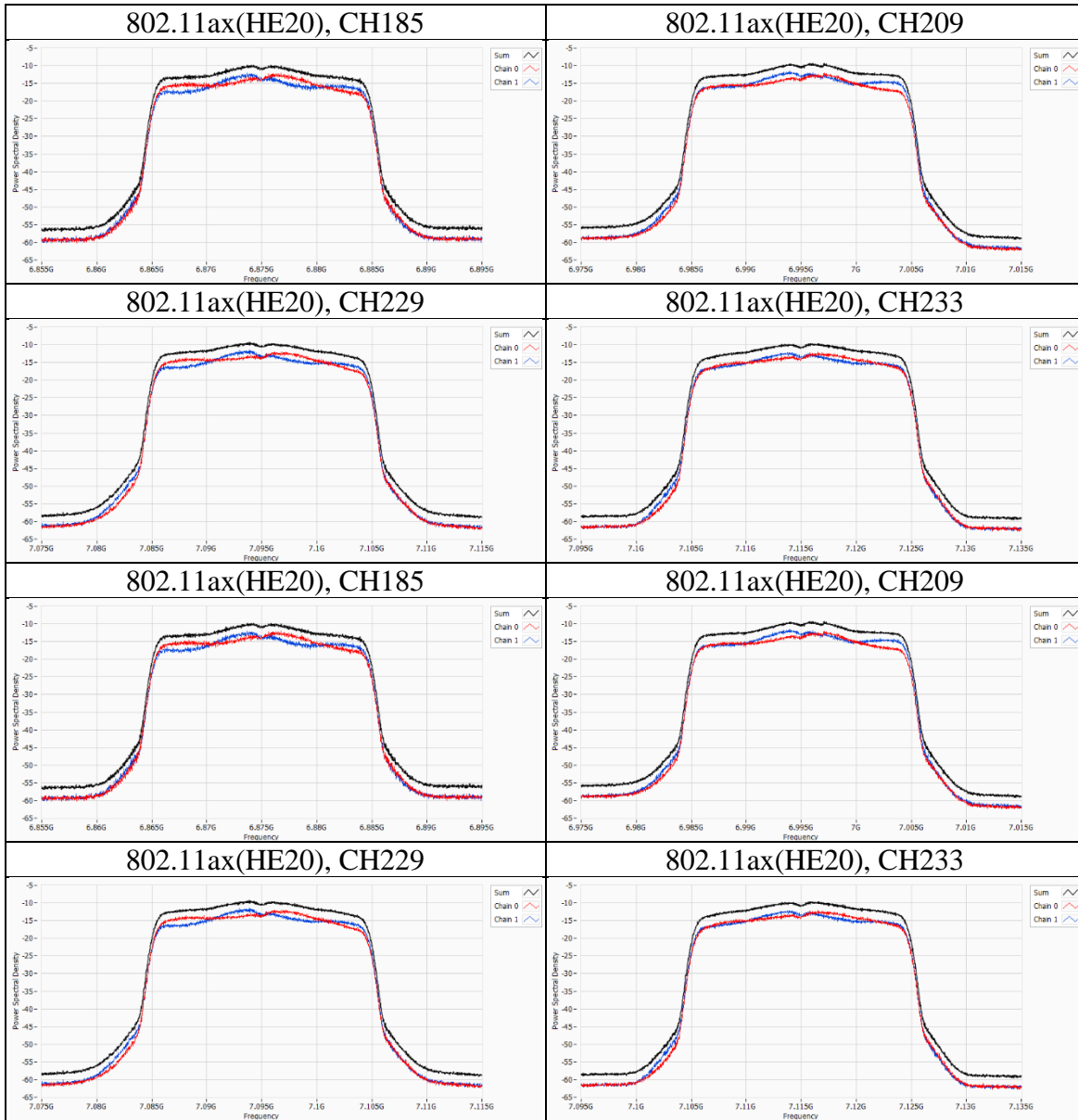
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Test report No. : 4790042400-US-R2-V0  
Page : 105 of 395  
Issued date : 2022/1/28  
FCC ID : RYK-WNFQ268AXB

Mode	CH	Freq (MHz)	PSD (dBm/MHz)		Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
			Chain 0	Chain 1				
802.11ax(HE40)	3	5965	-11.877	-12.803	8.01	-1.411	-1	Pass
	43	6165	-11.879	-13.261	8.01	-1.64	-1	Pass
	91	6405	-11.222	-12.616	8.01	-1.177	-1	Pass
	99	6445	-11.149	-13.237	8.01	-1.291	-1	Pass
	107	6485	-11.533	-12.506	8.01	-1.202	-1	Pass
	115	6525	-12.423	-12.681	8.01	-1.755	-1	Pass
	123	6565	-12.182	-12.33	8.01	-1.685	-1	Pass
	155	6725	-11.998	-11.357	8.01	-1.393	-1	Pass
	179	6845	-11.97	-12.654	8.01	-1.376	-1	Pass
	187	6885	-11.139	-12	8.01	-1.583	-1	Pass
	211	7005	-12.382	-11.644	8.01	-1.681	-1	Pass
	227	7085	-11.737	-11.06	8.01	-1.253	-1	Pass

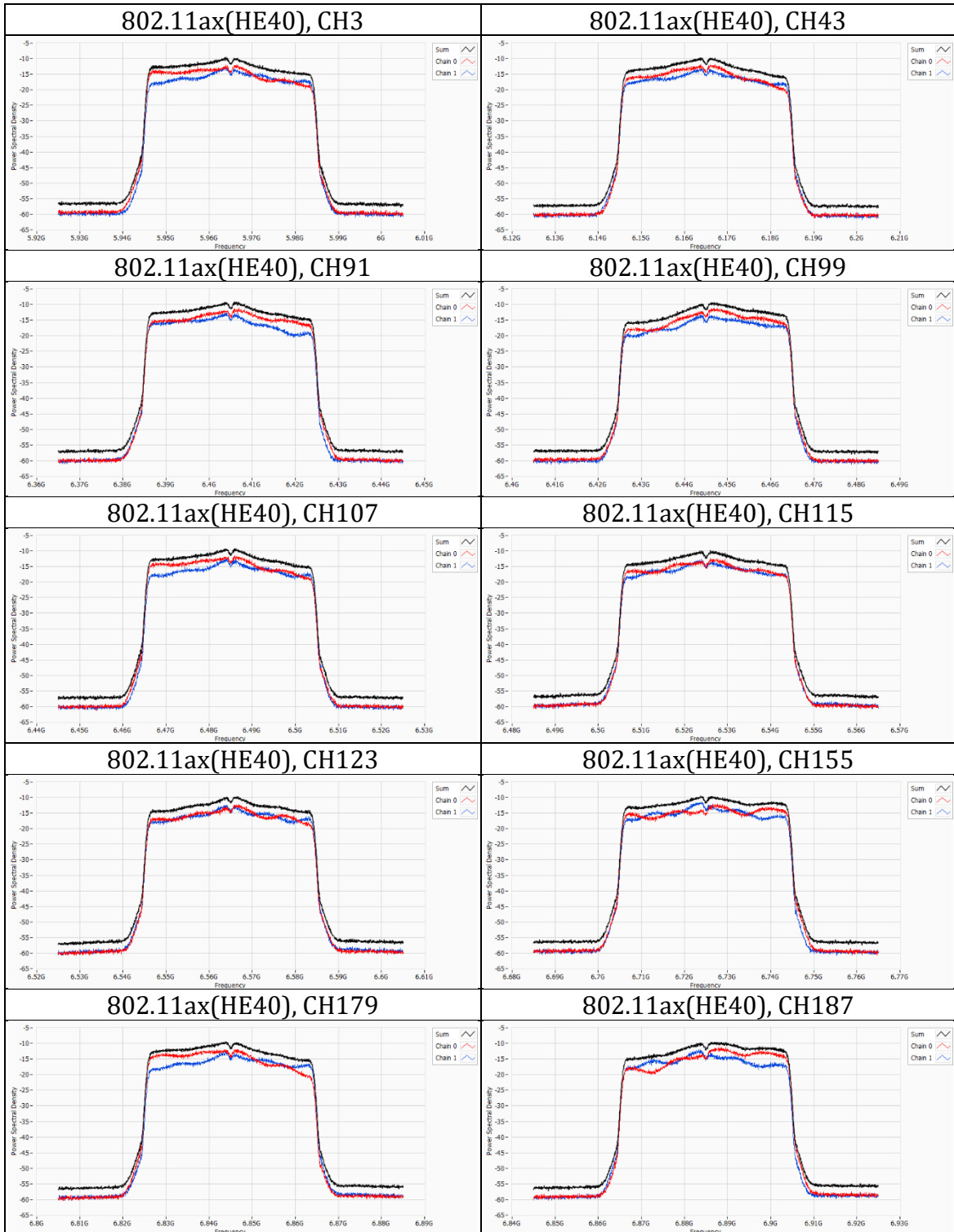
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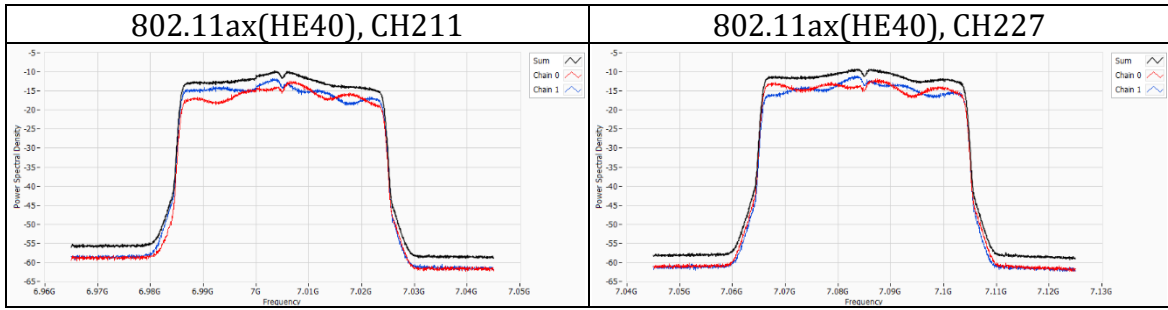


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Issued date : 2022/1/28

FCC ID : RYK-WNFQ268AXB

Mode	CH	Freq (MHz)	PSD (dBm/MHz)		Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
			Chain 0	Chain 1				
802.11ax(HE80)	7	5985	-10.833	-14.07	8.01	-1.509	-1	Pass
	39	6145	-11.369	-13.328	8.01	-1.57	-1	Pass
	87	6385	-11.76	-12.593	8.01	-1.44	-1	Pass
	103	6465	-12.615	-12.915	8.01	-1.772	-1	Pass
	119	6545	-12.103	-12.117	8.01	-1.39	-1	Pass
	135	6625	-12.395	-12.102	8.01	-1.537	-1	Pass
	151	6705	-11.889	-11.182	8.01	-1.19	-1	Pass
	167	6785	-12.6	-11.103	8.01	-1.532	-1	Pass
	183	6865	-13.118	-11.051	8.01	-1.567	-1	Pass
	199	6945	-12.829	-10.797	8.01	-1.585	-1	Pass
215	7025	-11.606	-10.691	8.01	-1.171	-1	Pass	

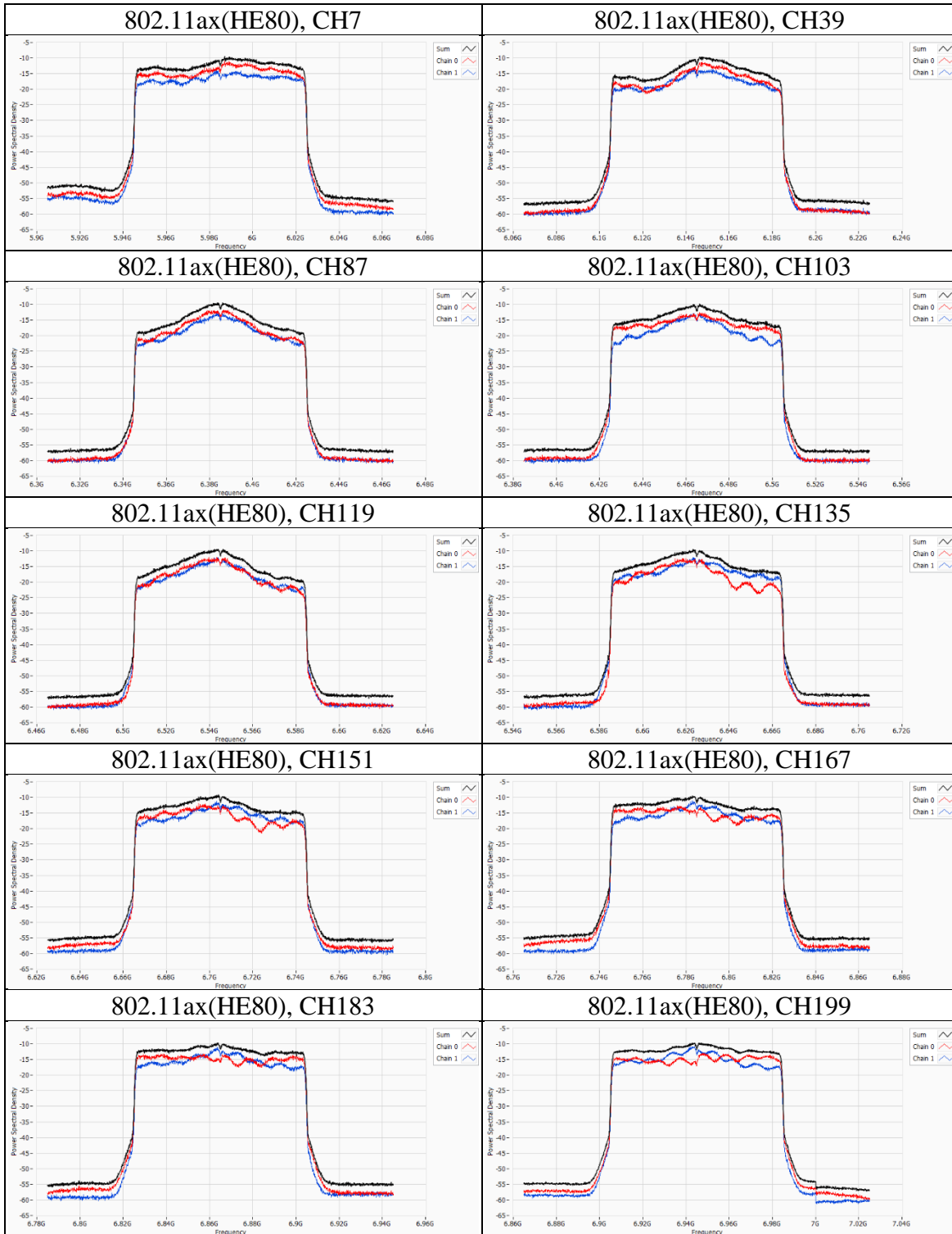
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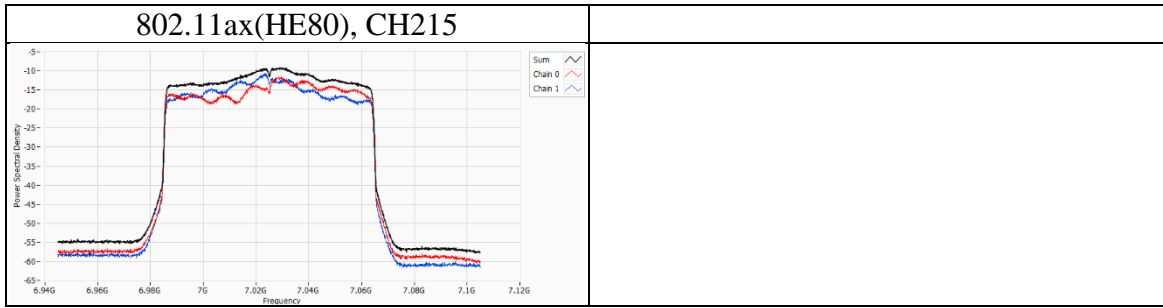
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Page : 111 of 395  
Issued date : 2022/1/28  
FCC ID : RYK-WNFQ268AXB

Mode	CH	Freq (MHz)	PSD (dBm/MHz)		Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
			Chain 0	Chain 1				
802.11ax(HE160)	15	6025	-11.28	-13.404	8.01	-1.312	-1	Pass
	47	6185	-11.705	-12.884	8.01	-1.79	-1	Pass
	79	6345	-11.335	-13.733	8.01	-1.572	-1	Pass
	111	6505	-11.381	-12.407	8.01	-1.468	-1	Pass
	143	6665	-12.054	-11.386	8.01	-1.44	-1	Pass
	175	6825	-11.834	-11.877	8.01	-1.347	-1	Pass
	207	6985	-12.78	-12.019	8.01	-1.834	-1	Pass

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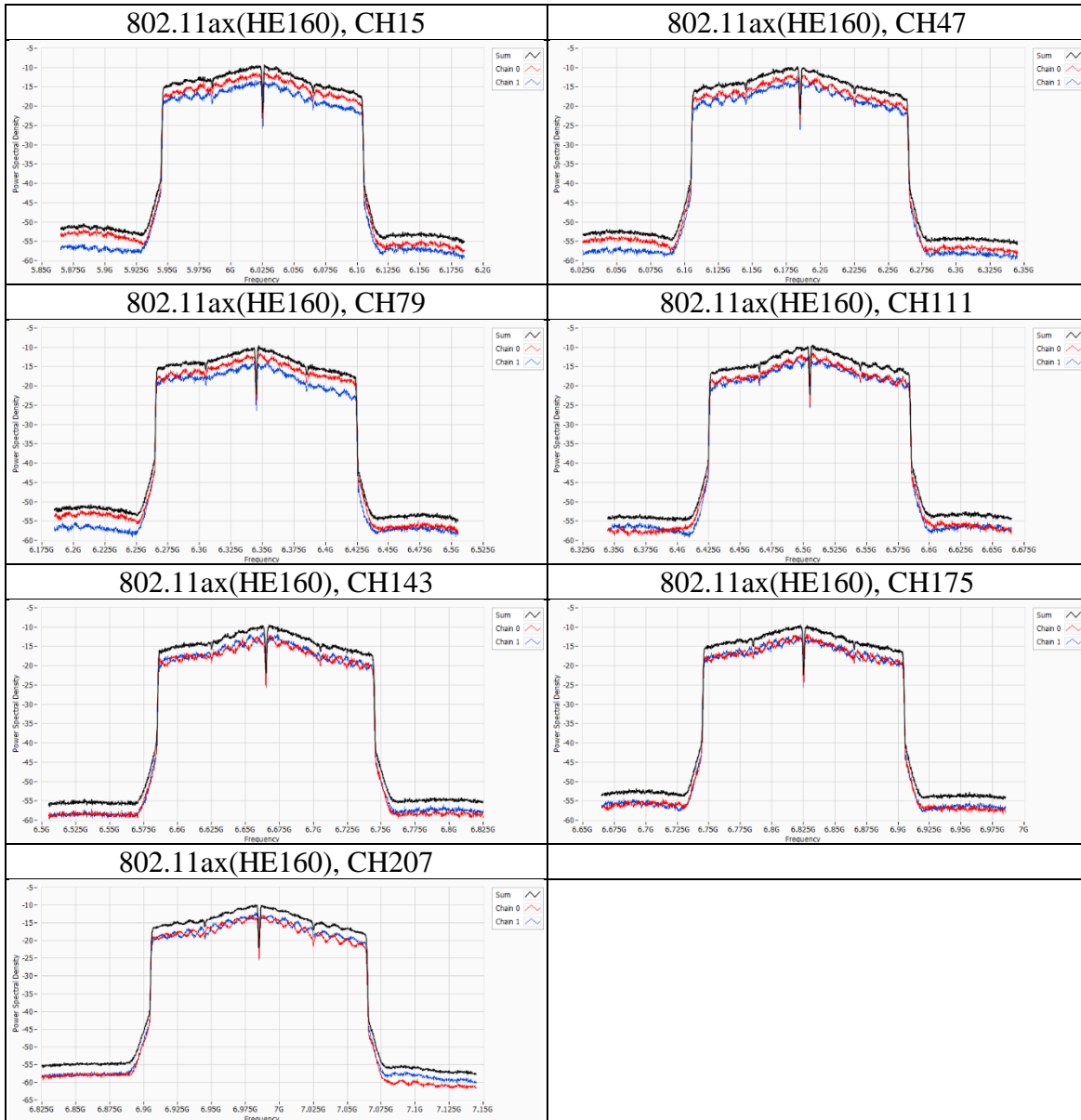
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## 9.5. Frequency Stability

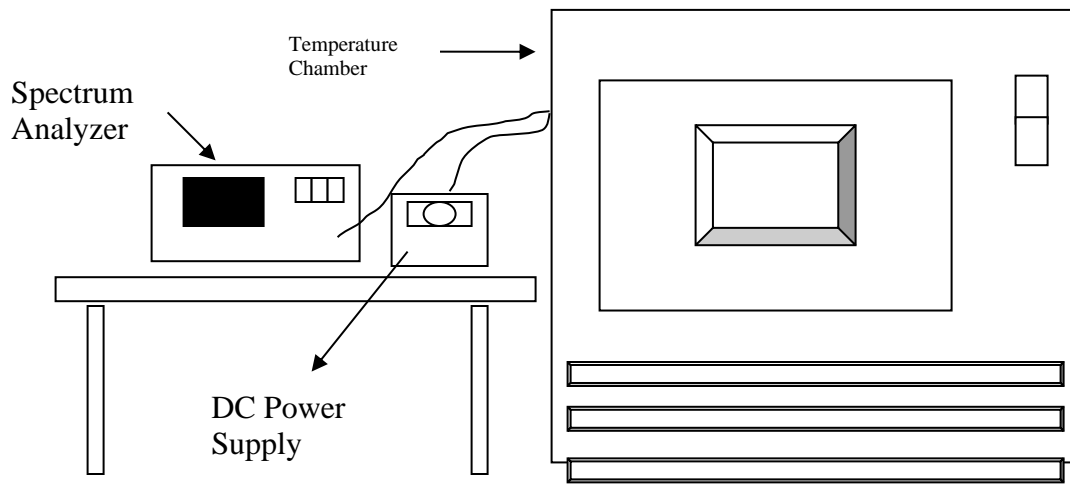
### Requirements

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

### 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 2 and 3 with the temperature chamber set to the lowest temperature.
- 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.

### Test Setup



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**Test Data**

Frequency Stability Versus Temp.									
Operating Frequency: 5955 MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)
75	3.3	5955.0046	0.77	5955.0052	0.87	5955.009	1.51	5955.0047	0.79
70	3.3	5955.0272	4.57	5955.03	5.04	5955.0251	4.21	5955.0305	5.12
60	3.3	5954.9929	-1.19	5954.9953	-0.79	5954.9927	-1.23	5954.9957	-0.72
50	3.3	5954.9906	-1.58	5954.9949	-0.86	5954.9911	-1.49	5954.991	-1.51
40	3.3	5954.9772	-3.83	5954.976	-4.03	5954.9786	-3.59	5954.979	-3.53
30	3.3	5955.01	1.68	5955.01	1.68	5955.0106	1.78	5955.014	2.35
20	3.3	5955.0285	4.79	5955.0304	5.10	5955.0298	5.00	5955.0311	5.22
10	3.3	5954.9818	-3.06	5954.9829	-2.87	5954.9794	-3.46	5954.9821	-3.01
0	3.3	5954.973	-4.53	5954.9682	-5.34	5954.9708	-4.90	5954.9681	-5.36
-10	3.3	5954.9766	-3.93	5954.9777	-3.74	5954.9785	-3.61	5954.9769	-3.88
-20	3.3	5954.9807	-3.24	5954.9807	-3.24	5954.984	-2.69	5954.985	-2.52
-30	3.3	5955.0151	2.54	5955.0149	2.50	5955.0117	1.96	5955.0126	2.12
-40	3.3	5954.976	-4.03	5954.9756	-4.10	5954.9721	-4.69	5954.9728	-4.57

TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)
20	3.795	5955.0278	4.67	5955.0301	5.05	5955.0308	5.17	5955.0311	5.22
20	3.3	5955.0285	4.79	5955.0304	5.10	5955.0298	5.00	5955.0311	5.22
20	2.805	5955.0287	4.82	5955.0295	4.95	5955.0308	5.17	5955.0321	5.39

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## 9.6. Radiated Spurious Emission

### Requirements

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

Frequency(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(dBμ V/m)
	Average: -27 (dBm/MHz)	68.2(dBμ V/m)

**Note:**

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

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

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## **Test Procedures**

Following FCC KDB 789033 D02 General UNII Test Procedures Guidance:  
Radiated versus Conducted Measurements.

The unwanted emission limits in both the restricted and non-restricted bands are based on antenna-port conducted measurements in conjunction with cabinet emissions tests are permitted to demonstrate compliance.

The following steps was performed:

- a. Cabinet emissions measurements. Radiated measurement was performed to ensure that cabinet emissions are below the emission limits. For the cabinet-emission measurements the antenna was replaced by a termination matching the nominal impedance of the antenna.
- b. Conducted tests was performed using equipment that matches the nominal impedance of the antenna assembly used with the EUT
- c. EIRP calculation. A value representative of an upper bound on out-of-band antenna gain (in dBi) shall be added to the measured antenna-port conducted emission power to compute EIRP within the specified measurement bandwidth. (For emissions in the restricted bands, additional calculations are required to convert EIRP to field strength at the specified distance.) The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater
- d. EIRP adjustments for multiple outputs. (Follow the procedures specified in FCC KDB Publication 662911)

## **For Radiated Emission**

[For 9 kHz ~ 30 MHz]

- e. 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.
- f. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- g. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- h. 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.
- i. For measurement below 30MHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

NOTE:

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

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[For above 30 MHz]

- 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. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
- f. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

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Note:

- a. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- b. 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.
- c. 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 detection (AV) at frequency above 1GHz.

Configuration	Average	
	RBW	VBW
802.11a	1MHz	10Hz
802.11ax (HE20)		10Hz
802.11ax (HE40)		10Hz
802.11ax (HE80)		510Hz
802.11ax (HE160)		10Hz

Note: Refer to section 6.6 for duty cycle.

- d. All modes of operation were investigated (includes all external accessories) and the worst-case emissions are reported.
- e. Test data of Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
- f. Test data of Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
- g. Test data of Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
- h. Test data of Notation "@" = Fundamental Frequency
- i. Test data of Notation "\*" = Only required peak limit or the peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.

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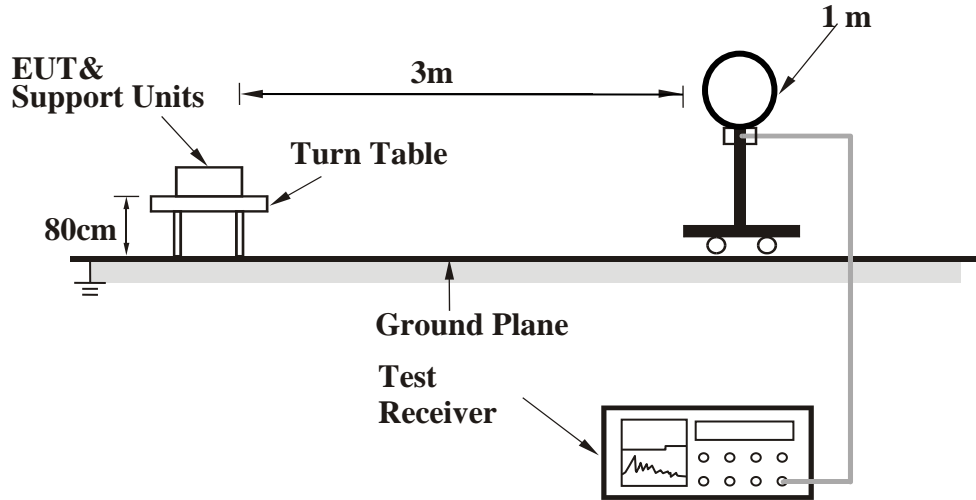
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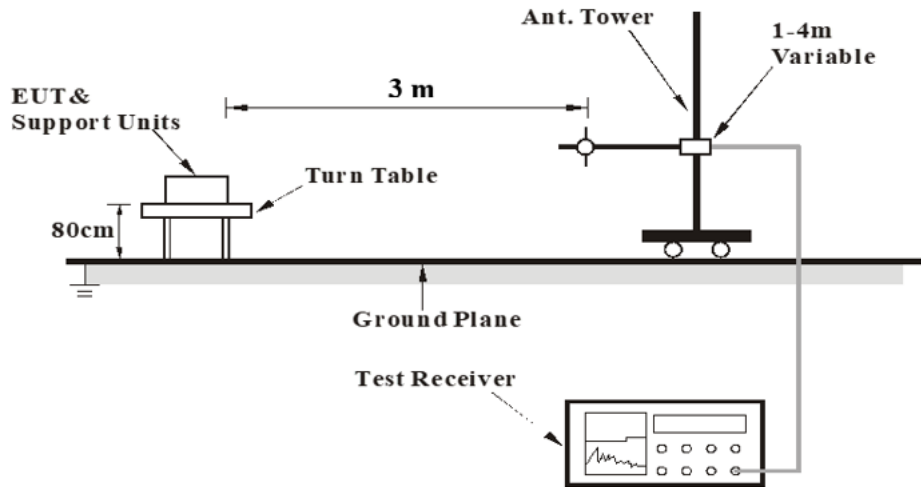
## Test Setup

### For Radiated Test Method:

<Frequency Range 9 kHz ~ 30 MHz>



<Frequency Range 30 MHz ~ 1 GHz >



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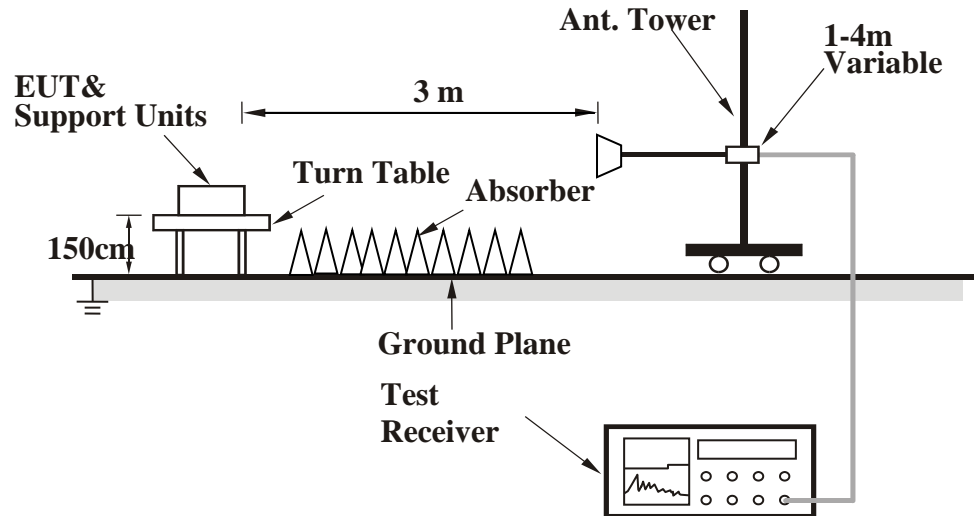
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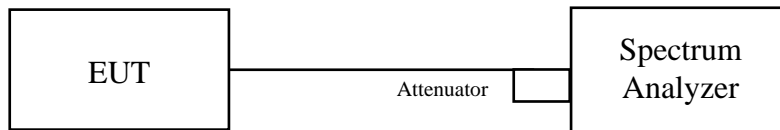


<Frequency Range above 1 GHz> 1 GHz ~ 40 GHz



For the actual test configuration, please refer to the Setup Configurations.

### For Conducted Test Method:



The loss between RF output port of the EUT and the input port of the Spectrum Analyzer has been taken into consideration.

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## Test Data

### **Radiated method**

The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation)

### **Above 1 GHz**

Mode	802.11a	Channel	2
------	---------	---------	---

Polarization	Notation	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Horizontal	*	11870	31.11	18.36	49.47	74	-24.53	PK
Vertical	*	11870	31.02	18.36	49.38	74	-24.62	PK

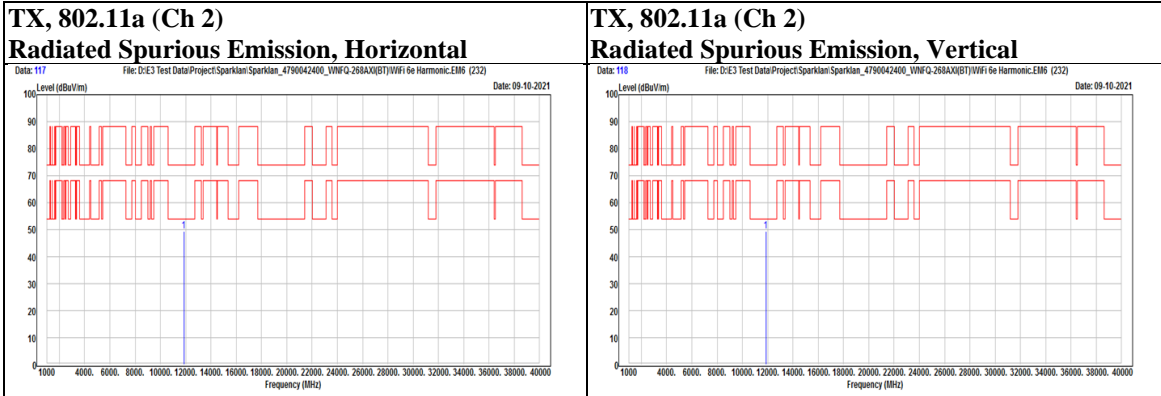
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Mode	802.11a	Channel	1
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	11910	30.91	18.42	49.33	74	-24.67	PK
Vertical	*	11910	30.2	18.42	48.62	74	-25.38	PK

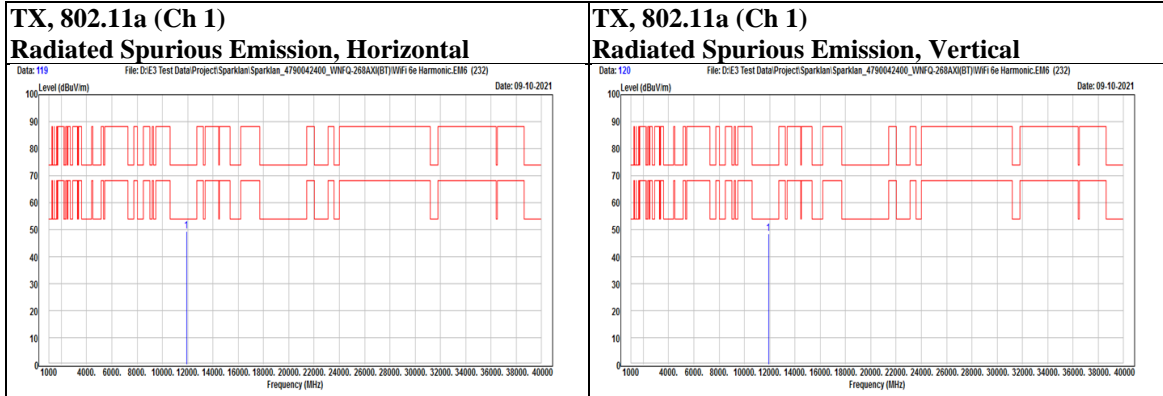
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Mode	802.11a	Channel	45
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	12350	29.84	19.11	48.95	74	-25.05	PK
Vertical	*	12350	30.22	19.11	49.33	74	-24.67	PK

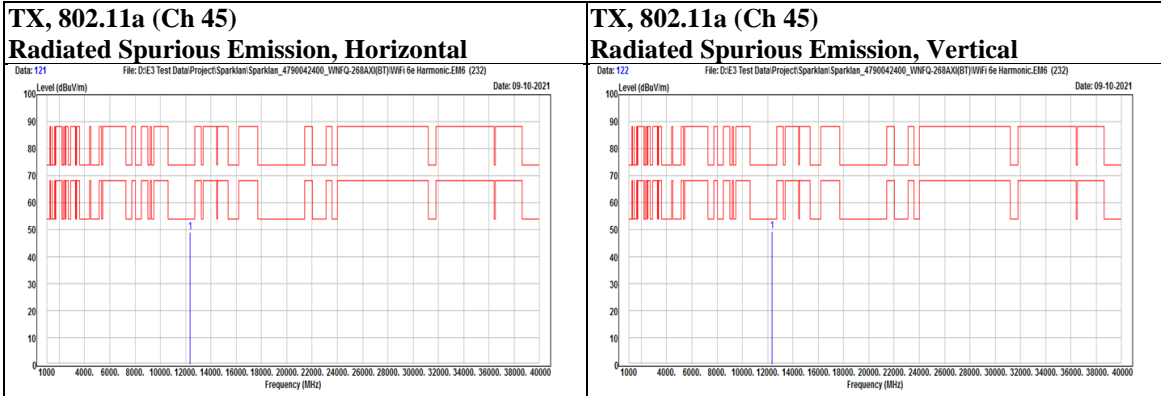
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Mode	802.11a	Channel	93
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	12830	29.35	20.41	49.76	88.2	-38.44	PK
Vertical	*	12830	28.85	20.41	49.26	88.2	-38.94	PK

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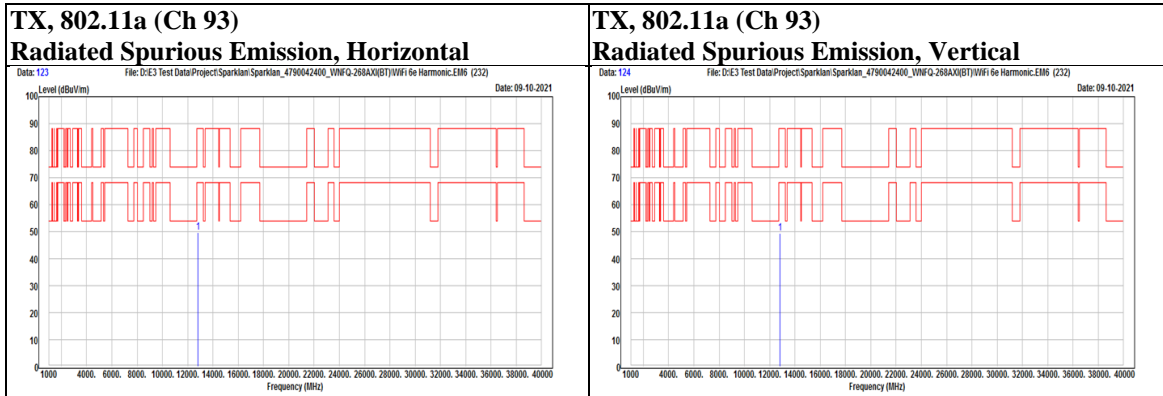
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Mode	802.11a	Channel	97
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	12870	29	20.65	49.65	88.2	-38.55	PK
Vertical	*	12870	29.68	20.65	50.33	88.2	-37.87	PK

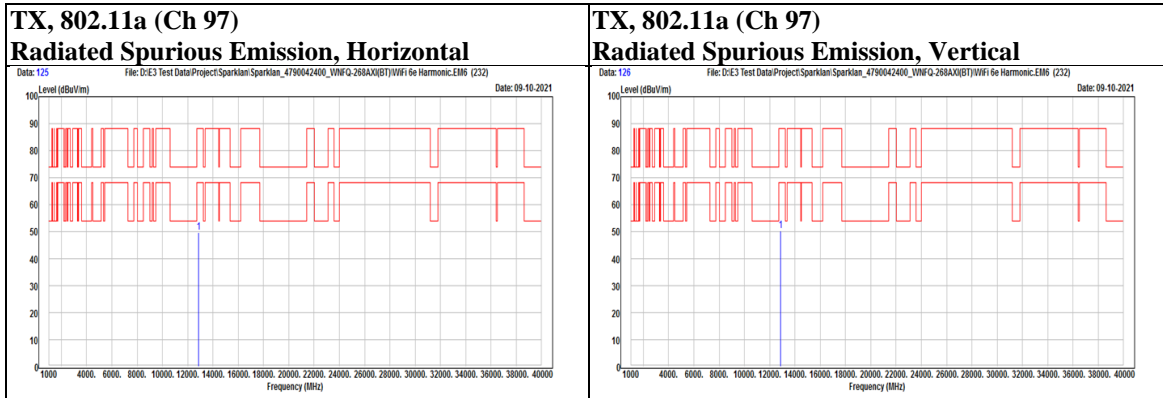
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Mode	802.11a	Channel	105
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	12950	28.96	20.64	49.6	88.2	-38.6	PK
Vertical	*	12950	29.03	20.64	49.67	88.2	-38.53	PK

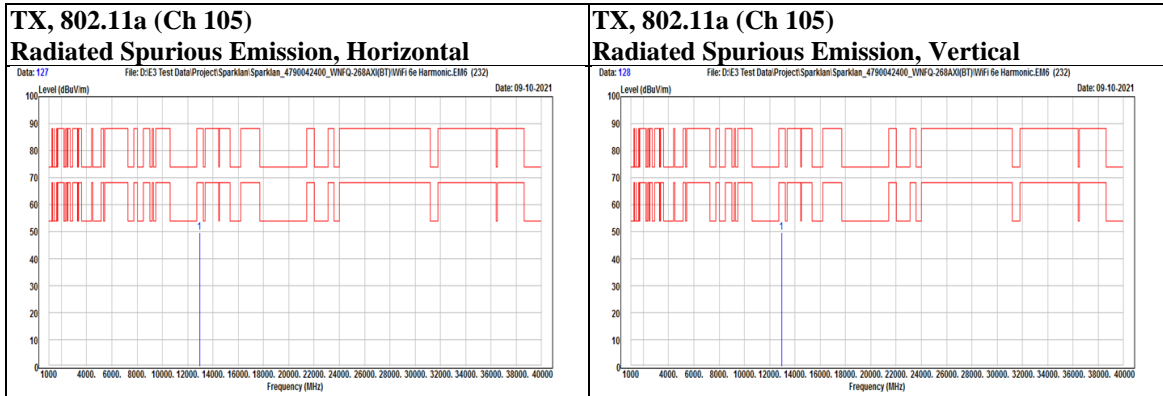
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Mode	802.11a	Channel	113
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	13030	29.08	20.6	49.68	88.2	-38.52	PK
Vertical	*	13030	29.08	20.6	49.68	88.2	-38.52	PK

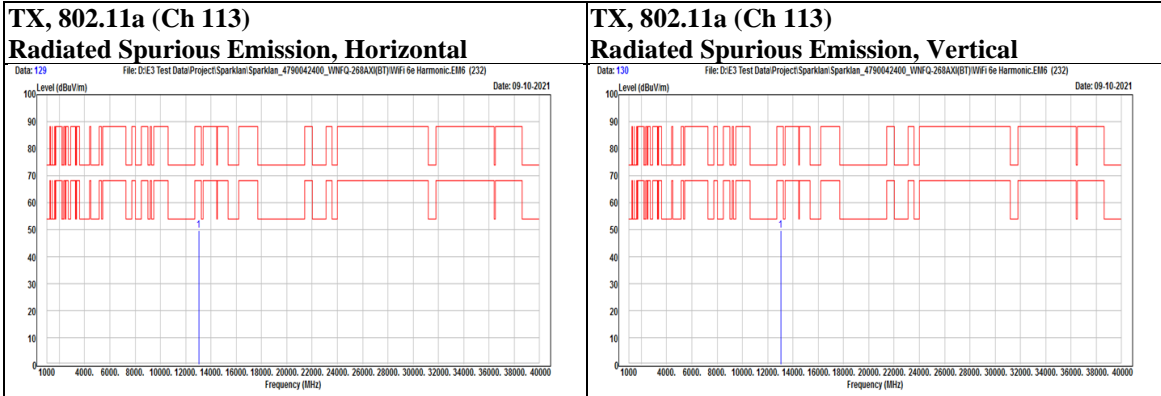
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Mode	802.11a	Channel	117
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	13070	29.28	20.83	50.11	88.2	-38.09	PK
Vertical	*	13070	28.83	20.83	49.66	88.2	-38.54	PK

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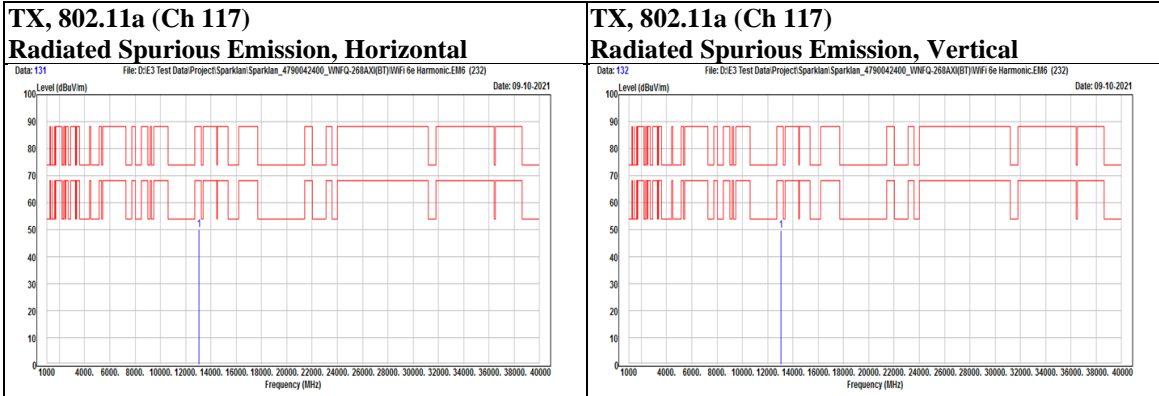
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Mode	802.11a	Channel	149
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	13390	28.53	21.99	50.52	74	-23.48	PK
Vertical	*	13390	28.15	21.99	50.14	74	-23.86	PK

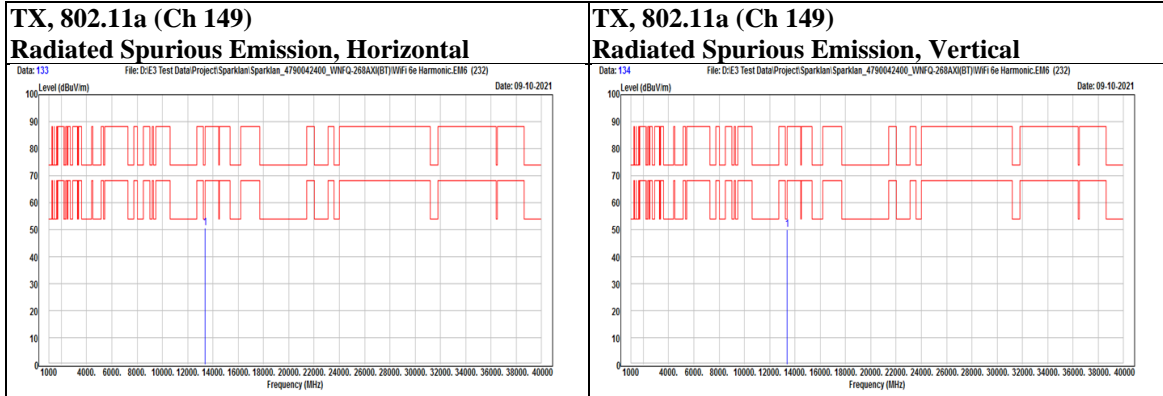
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Mode	802.11a	Channel	181
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	13710	30.05	23	53.05	88.2	-35.15	PK
Vertical	*	13710	30.12	23	53.12	88.2	-35.08	PK

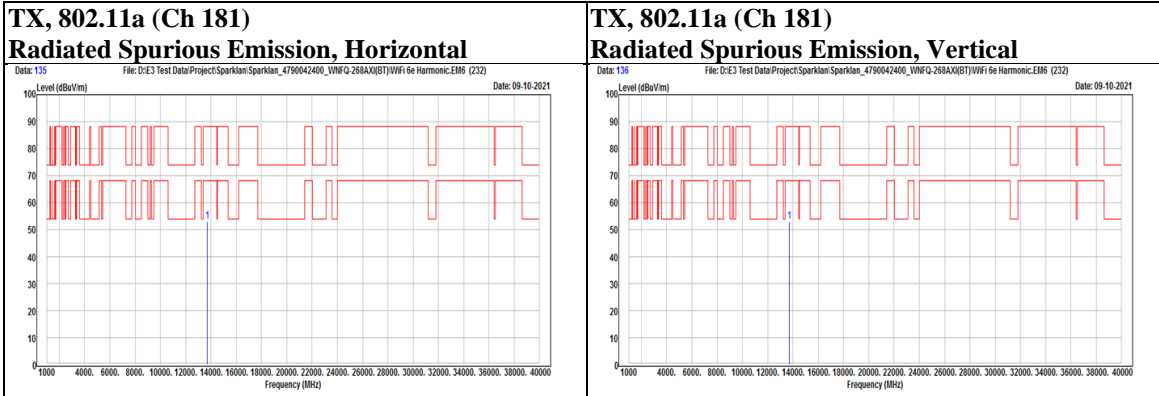
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Mode	802.11a	Channel	185
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	13750	28.98	23.12	52.1	88.2	-36.1	PK
Vertical	*	13750	28.38	23.12	51.5	88.2	-36.7	PK

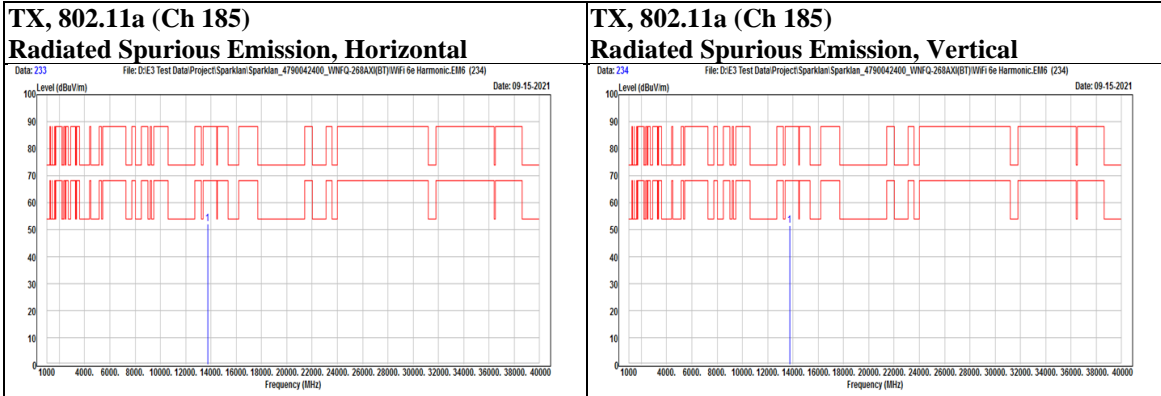
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Mode	802.11a	Channel	209
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	13990	30.35	24.09	54.44	88.2	-33.76	PK
Vertical	*	13990	29.65	24.09	53.74	88.2	-34.46	PK

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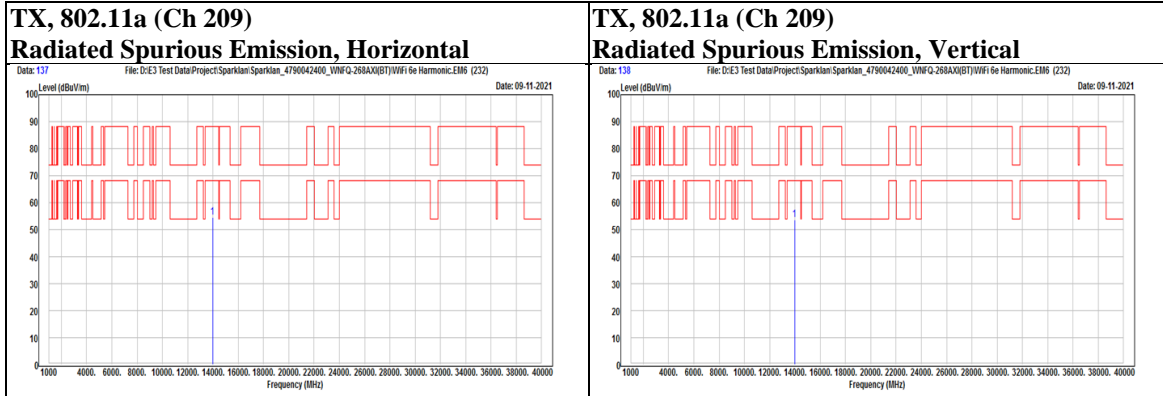
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Mode	802.11a	Channel	229
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	14190	29.7	24.78	54.48	88.2	-33.72	PK
Vertical	*	14190	29.7	24.78	54.48	88.2	-33.72	PK

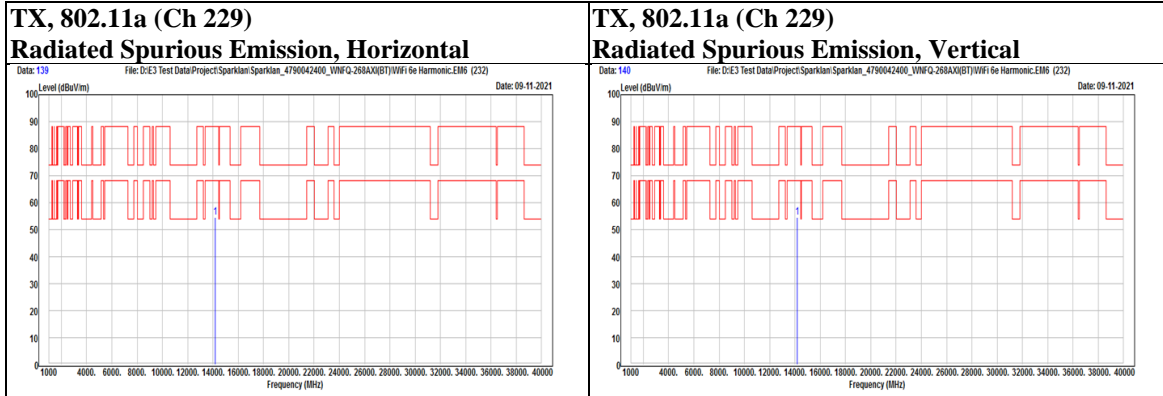
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Mode	802.11a	Channel	233
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Polarization	Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
		(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
Horizontal	*	14230	29.64	24.87	54.51	88.2	-33.69	PK
Vertical	*	14230	29.33	24.87	54.2	88.2	-34	PK

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