

802.11ax_80MHz_Chain0_5775MHz



802.11ax_80MHz_Chain1_5530MHz



802.11ax_80MHz_Chain1_5210MHz



802.11ax_80MHz_Chain1_5610MHz



802.11ax_80MHz_Chain1_5290MHz



802.11ax_80MHz_Chain1_5690MHz



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9 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

9.1 Standard Applicable

9.1.1 Duty Cycle

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

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9.1.2 Output Power

Band	EUT CATEGORY		e-CRF Title 47 §15.407			
			Conducted Output Power	EIRP	TPC	Antenna Directional Gain Requirements
U-NII-1		Fixed point-to-point	1 Watt(30dBm)	Not required	Not required	23dBi
		Out door AP	1 Watt(30dBm)	Elevation angle above 30 degrees 125mW (21dBm)	Not required	6dBi
	✓	Indoor AP	1 Watt(30dBm)	Not required	Not required	6dBi
	✓	Other	250mW(23.98dBm)	Not required	Not required	6dBi
U-NII-2A	✓	Other	250mW(23.98dBm) or 11dBm+10 log B	Not required	When EIRP >500mW At least 6dB below EIRP 1W (30dBm)	6dBi
U-NII-2C	✓	Other	250mW(23.98dBm) or 11dBm+10 log B	Not required		6dBi
U-NII-3	✓	Other	1 Watt(30dBm)	Not required	Not required	6dBi
		Fixed point-to-point	1 Watt(30dBm)	Not required	Not required	Not required
U-NII-4		Indoor AP (a channel spans 5725~5850 and 5850~5895MHz)	Not required	36dBm	Not required	Not required
		indoor client (a channel spans 5725~5850 and 5850~5895MHz)	Not required	30dBm	Not required	Not required
		subordinate device	Not required	36dBm	Not required	Not required
1. If transmitting antennas of directional gain greater than the antenna requirements column, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna. 2. For the 10 log B, B is the 26 dB emission bandwidth.						

Note: Other is the worst case in the report.

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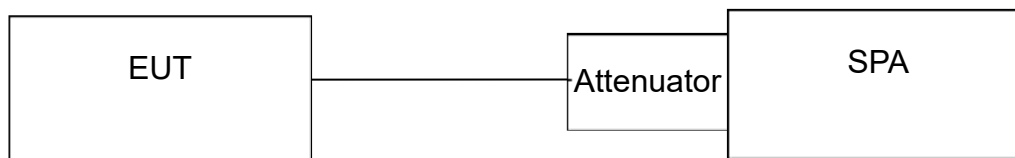
FREQUENCY BAND (MHz)	EUT CATEGORY		RSS-247 §6.2.1~6.2.4		
			EIRP	Conducted Output Power	TPC
5150~5250		OEM devices installed in vehicles	30 mW or $1.76 + 10 \log_{10} B$	N/A	At least 3dB below 30mW EIRP
	V	Other device	200 mW or $10 + 10 \log_{10} B$ dBm	N/A	N/A
5250~5350		OEM devices installed in vehicles	30 mW or $1.76 + 10 \log_{10} B$	N/A	At least 3dB below 30mW EIRP
	V	Other device	1.0 W or $17 + 10 \log_{10} B$ dBm	250 mW or $11 + 10 \log_{10} B$	EIRP >500mW, at least 6dB below 1W EIRP
		Outdoor Fixed with EIRP>200mW	$-13 \text{ dBW/MHz for } 0^\circ \leq \theta < 8^\circ$ $-13 - 0.716 (\theta - 8) \text{ dBW/MHz for } 8^\circ \leq \theta < 40^\circ$ $-35.9 - 1.22 (\theta - 40) \text{ dBW/MHz for } 40^\circ \leq \theta \leq 45^\circ$ $-42 \text{ dBW/MHz for } \theta > 45^\circ$	N/A	EIRP >500mW, at least 6dB below 1W EIRP
5470-5600 and 5650-5725	V	All	$1.0 \text{ W or } 17 + 10 \log_{10} B$ dBm	250 mW or $11 + 10 \log_{10} B$	EIRP >500mW, at least 6dB below 1W EIRP
5725~5850	V	All	N/A	1 W	N/A

1 For equipment operating in the band 5725-5850 MHz, If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum transmit power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

2. For the $10 \log B$, B is the 99% emission bandwidth.

9.2 Test Setup

9.2.1 Duty Cycle



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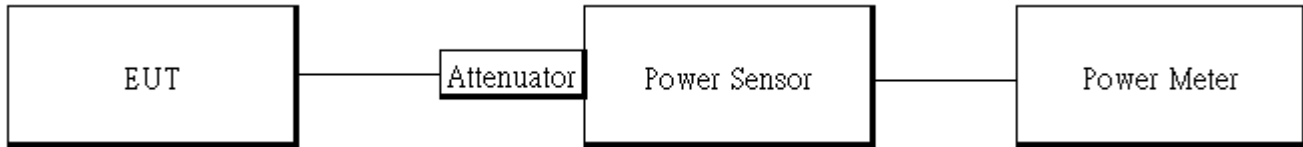
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9.2.2 Output Power



9.3 Measurement Procedure

9.3.1 Duty Cycle Measurements

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

9.3.2 Output Power Measurements

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter
4. Power Meter is used as the auxiliary test equipment to conduct the output power measurement.
5. Record the max. reading and add 10 log(1/duty cycle).
6. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.
7. MIMO mode: offset is set with “measure and add 10 Log (N)” to measurement for MIMO mode. Offset = cable loss + 10 log (N), where N is number of transmitting antenna.

Note:

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k}$ = / 20 10Gk if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

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9.4 Duty Cycle Measurement Result

Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11a	93.58	0.29	0.70	1.00
802.11n_20	93.04	0.31	0.75	1.00
802.11ac_20	93.20	0.31	0.74	1.00
802.11n_40	93.04	0.31	0.75	1.00
802.11ac_40	93.20	0.31	0.74	1.00
802.11ac_80	76.85	1.14	3.01	4.00
802.11ax_20	98.19	0.08	1.02	0.01
802.11ax_40	98.01	0.09	1.02	0.01
802.11ax_80	98.01	0.09	1.02	0.01

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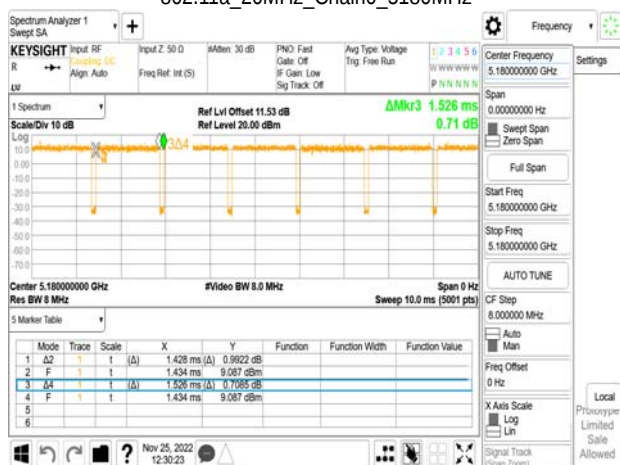
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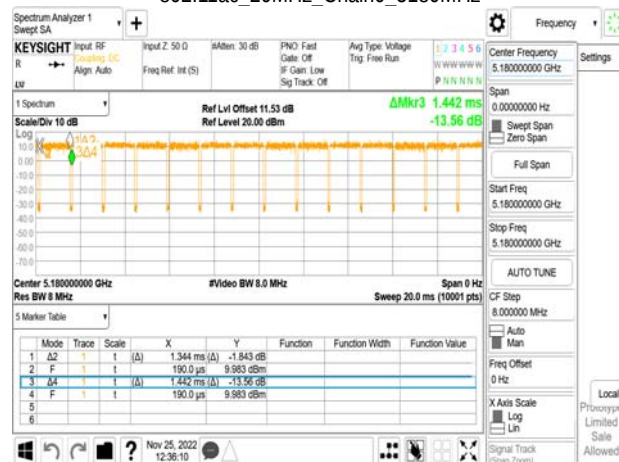
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802.11a 20MHz Chain0 5180MHz



802.11ac 20MHz Chain0 5180MHz



802.11n 20MHz Chain0 5180MHz



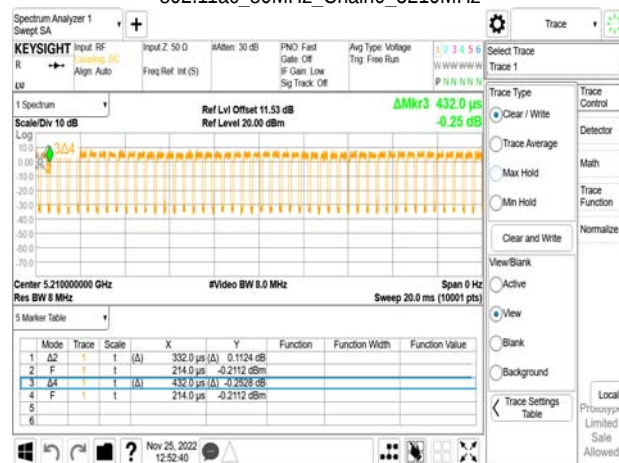
802.11ac 40MHz Chain0 5190MHz



802.11n 40MHz Chain0 5190MHz



802.11ac 80MHz Chain0 5210MHz



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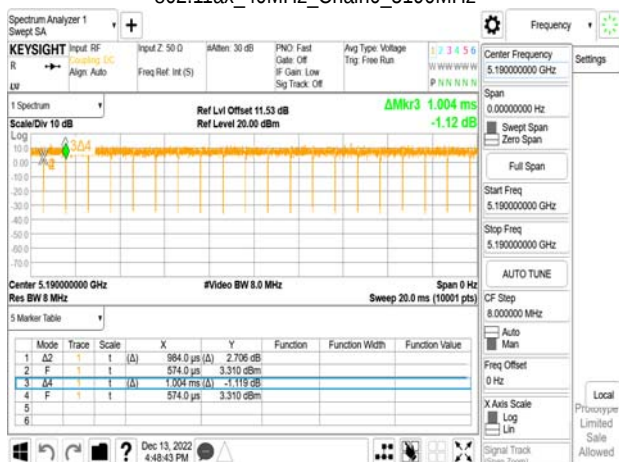
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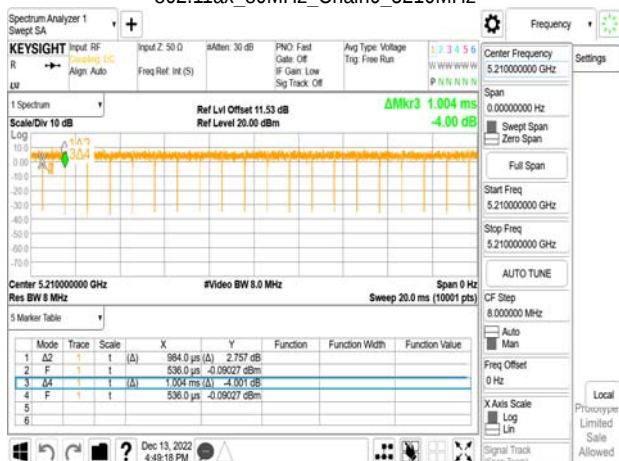
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9.5 Output Power Measurement Result

9.5.1 FCC Output power

SISO

802.11a_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	65	14.84	30.466	23.98	PASS
44	5220	6	76	17.94	62.204	23.98	PASS
48	5240	6	76	17.99	62.924	23.98	PASS
52	5260	6	76	17.95	62.347	23.98	PASS
60	5300	6	66	14.95	31.248	23.98	PASS
64	5320	6	66	14.97	31.392	23.98	PASS
100	5500	6	65	14.81	30.256	23.98	PASS
116	5580	6	73	17.57	57.124	23.98	PASS
136	5680	6	78	17.58	57.255	23.98	PASS
140	5700	6	48	10.92	12.354	23.98	PASS
144	5720(U-NII 2C)	6	78	16.22	41.848	22.93	PASS
144	5720 (U-NII 3)	6	78	11.76	15.01	30	PASS
149	5745	6	76	17.98	62.779	30	PASS
157	5785	6	76	17.94	62.204	30	PASS
165	5825	6	65	14.96	31.320	30	PASS

802.11a_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	56	14.78	30.048	23.98	PASS
44	5220	6	68	17.80	60.231	23.98	PASS
48	5240	6	68	17.81	60.369	23.98	PASS
52	5260	6	64	17.70	58.860	23.98	PASS
60	5300	6	54	14.91	30.961	23.98	PASS
64	5320	6	54	14.92	31.033	23.98	PASS
100	5500	6	55	14.68	29.364	23.98	PASS
116	5580	6	65	17.55	56.861	23.98	PASS
136	5680	6	65	17.55	56.861	23.98	PASS
140	5700	6	40	10.85	12.157	23.98	PASS
144	5720(U-NII 2C)	6	65	16.54	45.035	22.26	PASS
144	5720 (U-NII 3)	6	65	10.53	11.30	30	PASS
149	5745	6	67	17.89	61.492	30	PASS
157	5785	6	68	17.79	60.092	30	PASS
165	5825	6	57	14.81	30.256	30	PASS

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802.11n_HT20_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	58	12.94	19.694	23.98	PASS
44	5220	MCS0	69	15.97	39.567	23.98	PASS
48	5240	MCS0	69	15.98	39.658	23.98	PASS
52	5260	MCS0	69	15.90	38.934	23.98	PASS
60	5300	MCS0	58	12.99	19.922	23.98	PASS
64	5320	MCS0	58	12.88	19.424	23.98	PASS
100	5500	MCS0	58	12.98	19.876	23.98	PASS
116	5580	MCS0	67	15.93	39.204	23.98	PASS
136	5680	MCS0	43	15.71	37.268	23.98	PASS
140	5700	MCS0	67	9.76	9.470	23.98	PASS
144	5720(U-NII 2C)	MCS0	67	14.26	26.650	23.98	PASS
144	5720 (U-NII 3)	MCS0	67	10.36	10.88	30	PASS
149	5745	MCS0	69	15.91	39.024	30	PASS
157	5785	MCS0	69	15.93	39.204	30	PASS
165	5825	MCS0	57	12.91	19.558	30	PASS

802.11n_HT20_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	48	12.91	19.558	23.98	PASS
44	5220	MCS0	61	15.91	39.024	23.98	PASS
48	5240	MCS0	61	15.89	38.845	23.98	PASS
52	5260	MCS0	57	15.79	37.960	23.98	PASS
60	5300	MCS0	46	12.87	19.379	23.98	PASS
64	5320	MCS0	46	12.78	18.981	23.98	PASS
100	5500	MCS0	48	12.82	19.157	23.98	PASS
116	5580	MCS0	59	15.74	37.526	23.98	PASS
136	5680	MCS0	37	15.57	36.085	23.98	PASS
140	5700	MCS0	59	9.75	9.448	23.98	PASS
144	5720(U-NII 2C)	MCS0	59	14.27	26.701	23.98	PASS
144	5720 (U-NII 3)	MCS0	59	9.84	9.63	30	PASS
149	5745	MCS0	60	15.85	38.488	30	PASS
157	5785	MCS0	61	15.85	38.488	30	PASS
165	5825	MCS0	49	12.81	19.113	30	PASS

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802.11n_HT40_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	58	12.98	19.876	23.98	PASS
46	5230	MCS0	68	15.99	39.749	23.98	PASS
54	5270	MCS0	68	15.81	38.136	23.98	PASS
62	5310	MCS0	41	8.72	7.453	23.98	PASS
102	5510	MCS0	43	8.95	7.858	23.98	PASS
110	5550	MCS0	67	15.90	38.934	23.98	PASS
134	5670	MCS0	59	13.68	23.352	23.98	PASS
142	5710(U-NII 2C)	MCS0	67	15.35	34.283	23.98	PASS
142	5710 (U-NII 3)	MCS0	67	7.15	5.19	30	PASS
151	5755	MCS0	69	15.95	39.385	30	PASS
159	5795	MCS0	58	12.90	19.513	30	PASS

802.11n_HT40_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	47	12.79	19.025	23.98	PASS
46	5230	MCS0	59	15.82	38.223	23.98	PASS
54	5270	MCS0	56	15.75	37.612	23.98	PASS
62	5310	MCS0	33	8.59	7.233	23.98	PASS
102	5510	MCS0	34	8.75	7.505	23.98	PASS
110	5550	MCS0	58	15.73	37.440	23.98	PASS
134	5670	MCS0	51	13.54	22.612	23.98	PASS
142	5710(U-NII 2C)	MCS0	58	15.10	32.351	23.98	PASS
142	5710 (U-NII 3)	MCS0	58	6.52	4.49	30	PASS
151	5755	MCS0	60	15.79	37.960	30	PASS
159	5795	MCS0	50	12.80	19.069	30	PASS

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802.11ac_VHT20_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	58	12.91	19.525	23.98	PASS
44	5220	MCS0	69	15.92	39.047	23.98	PASS
48	5240	MCS0	69	15.94	39.227	23.98	PASS
52	5260	MCS0	69	15.85	38.422	23.98	PASS
60	5300	MCS0	58	12.92	19.570	23.98	PASS
64	5320	MCS0	58	12.86	19.301	23.98	PASS
100	5500	MCS0	58	12.93	19.615	23.98	PASS
116	5580	MCS0	67	15.92	39.047	23.98	PASS
136	5680	MCS0	43	15.68	36.947	23.98	PASS
140	5700	MCS0	67	9.71	9.345	23.98	PASS
144	5720(U-NII 2C)	MCS0	67	14.20	26.300	23.98	PASS
144	5720 (U-NII 3)	MCS0	67	10.31	10.73	30	PASS
149	5745	MCS0	69	15.85	38.422	30	PASS
157	5785	MCS0	69	15.89	38.778	30	PASS
165	5825	MCS0	57	12.86	19.301	30	PASS

802.11ac_VHT20_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	48	12.89	19.435	23.98	PASS
44	5220	MCS0	61	15.88	38.689	23.98	PASS
48	5240	MCS0	61	15.85	38.422	23.98	PASS
52	5260	MCS0	57	15.76	37.634	23.98	PASS
60	5300	MCS0	46	12.85	19.257	23.98	PASS
64	5320	MCS0	46	12.72	18.689	23.98	PASS
100	5500	MCS0	48	12.77	18.905	23.98	PASS
116	5580	MCS0	59	15.69	37.033	23.98	PASS
136	5680	MCS0	37	15.55	35.858	23.98	PASS
140	5700	MCS0	59	9.72	9.367	23.98	PASS
144	5720(U-NII 2C)	MCS0	59	14.24	26.533	23.98	PASS
144	5720 (U-NII 3)	MCS0	59	9.81	9.57	30	PASS
149	5745	MCS0	60	15.80	37.983	30	PASS
157	5785	MCS0	61	15.82	38.158	30	PASS
165	5825	MCS0	49	12.78	18.949	30	PASS

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802.11ac_VHT40_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	58	12.95	19.705	23.98	PASS
46	5230	MCS0	68	15.97	39.499	23.98	PASS
54	5270	MCS0	68	15.78	37.808	23.98	PASS
62	5310	MCS0	41	8.68	7.372	23.98	PASS
102	5510	MCS0	43	8.83	7.631	23.98	PASS
110	5550	MCS0	67	15.84	38.334	23.98	PASS
134	5670	MCS0	59	13.62	22.992	23.98	PASS
142	5710(U-NII 2C)	MCS0	67	15.34	34.224	23.98	PASS
142	5710 (U-NII 3)	MCS0	67	7.15	5.18	30	PASS
151	5755	MCS0	69	15.89	38.778	30	PASS
159	5795	MCS0	58	12.78	18.949	30	PASS

802.11ac_VHT40_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	47	12.77	18.905	23.98	PASS
46	5230	MCS0	59	15.79	37.895	23.98	PASS
54	5270	MCS0	56	15.72	37.289	23.98	PASS
62	5310	MCS0	33	8.53	7.122	23.98	PASS
102	5510	MCS0	33	8.66	7.338	23.98	PASS
110	5550	MCS0	58	15.68	36.947	23.98	PASS
134	5670	MCS0	51	13.52	22.469	23.98	PASS
142	5710(U-NII 2C)	MCS0	58	15.09	32.295	23.98	PASS
142	5710 (U-NII 3)	MCS0	58	6.52	4.48	30	PASS
151	5755	MCS0	60	15.74	37.461	30	PASS
159	5795	MCS0	50	12.76	18.862	30	PASS

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	58	12.99	19.923	23.98	PASS
58	5290	MCS0	42	8.80	7.592	23.98	PASS
106	5530	MCS0	38	7.98	6.286	23.98	PASS
122	5610	MCS0	66	15.91	39.026	23.98	PASS
138	5690(U-NII 2C)	MCS0	66	15.39	34.622	23.98	PASS
138	5690 (U-NII 3)	MCS0	66	4.09	2.56	30	PASS
155	5775	MCS0	58	12.96	19.786	30	PASS

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CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	48	12.82	19.158	23.98	PASS
58	5290	MCS0	31	8.62	7.284	23.98	PASS
106	5530	MCS0	29	7.72	5.920	23.98	PASS
122	5610	MCS0	59	15.81	38.138	23.98	PASS
138	5690(U-NII 2C)	MCS0	59	15.33	34.095	23.98	PASS
138	5690 (U-NII 3)	MCS0	59	3.67	2.33	30	PASS
155	5775	MCS0	49	12.71	18.679	30	PASS

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802.11ax_HE20_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	47	10.75	11.883	23.98	PASS
		MCS0	26/0	48	10.91	12.329	23.98	PASS
		MCS0	52/37	48	10.95	12.443	23.98	PASS
		MCS0	106/53	47	10.95	12.443	23.98	PASS
44	5220	MCS0	full	58	13.80	23.985	23.98	PASS
48	5240	MCS0	full	58	13.84	24.207	23.98	PASS
52	5260	MCS0	full	59	13.79	23.929	23.98	PASS
60	5300	MCS0	full	47	10.92	12.358	23.98	PASS
64	5320	MCS0	full	47	10.88	12.244	23.98	PASS
		MCS0	26/8	48	10.92	12.358	23.98	PASS
		MCS0	52/40	48	10.94	12.415	23.98	PASS
		MCS0	106/54	48	10.89	12.272	23.98	PASS
100	5500	MCS0	full	47	10.91	12.329	23.98	PASS
		MCS0	26/0	47	10.83	12.104	23.98	PASS
		MCS0	52/37	47	10.85	12.160	23.98	PASS
		MCS0	106/53	47	10.93	12.386	23.98	PASS
116	5580	MCS0	full	58	13.96	24.885	23.98	PASS
136	5680	MCS0	full	58	13.97	24.942	23.98	PASS
		MCS0	26/8	58	13.79	23.929	23.98	PASS
		MCS0	52/40	58	13.77	23.820	23.98	PASS
		MCS0	106/54	58	13.90	24.543	23.98	PASS
140	5700	MCS0	full	31	6.92	4.920	23.98	PASS
		MCS0	26/8	32	6.97	4.977	23.98	PASS
		MCS0	52/40	30	6.99	5.000	23.98	PASS
		MCS0	106/54	29	6.94	4.942	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	59	12.37	17.240	23.32	PASS
		MCS0	26/0	59	13.89	24.487	23.32	PASS
		MCS0	52/37	59	13.94	24.770	23.32	PASS
		MCS0	106/53	59	13.94	24.770	23.32	PASS
144	5720 (U-NII 3)	MCS0	full	59	8.53	7.134	30	PASS
149	5745	MCS0	full	59	13.76	23.765	30	PASS
		MCS0	26/0	59	13.88	24.431	30	PASS
		MCS0	52/37	59	13.82	24.095	30	PASS
		MCS0	106/53	59	13.89	24.487	30	PASS
157	5785	MCS0	full	60	13.91	24.600	30	PASS
165	5825	MCS0	full	46	10.85	12.160	30	PASS
		MCS0	26/8	46	10.91	12.329	30	PASS
		MCS0	52/40	46	10.97	12.501	30	PASS
		MCS0	106/54	46	10.95	12.443	30	PASS

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802.11ax_HE20_Ch1

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36	5180	MCS0	full	35	10.56	11.375	23.98	PASS
		MCS0	26/0	36	10.87	12.216	23.98	PASS
		MCS0	52/37	36	10.89	12.272	23.98	PASS
		MCS0	106/53	36	10.65	11.613	23.98	PASS
44	5220	MCS0	full	47	13.72	23.547	23.98	PASS
48	5240	MCS0	full	47	13.61	22.958	23.98	PASS
52	5260	MCS0	full	47	13.77	23.820	23.98	PASS
60	5300	MCS0	full	36	10.75	11.883	23.98	PASS
64	5320	MCS0	full	36	10.77	11.938	23.98	PASS
		MCS0	26/8	37	10.77	11.938	23.98	PASS
		MCS0	52/40	37	10.86	12.188	23.98	PASS
		MCS0	106/54	36	10.81	12.048	23.98	PASS
100	5500	MCS0	full	37	10.67	11.666	23.98	PASS
		MCS0	26/0	38	10.80	12.021	23.98	PASS
		MCS0	52/37	38	10.80	12.021	23.98	PASS
		MCS0	106/53	37	10.73	11.829	23.98	PASS
116	5580	MCS0	full	49	13.67	23.277	23.98	PASS
140	5700	MCS0	full	51	13.75	23.710	23.98	PASS
		MCS0	26/8	51	13.72	23.547	23.98	PASS
		MCS0	52/40	51	13.73	23.601	23.98	PASS
		MCS0	106/54	51	13.83	24.151	23.98	PASS
140	5700	MCS0	full	23	6.71	4.687	23.98	PASS
		MCS0	26/8	25	6.86	4.852	23.98	PASS
		MCS0	52/40	25	6.93	4.931	23.98	PASS
		MCS0	106/54	25	6.90	4.897	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	52	12.45	17.582	23.05	PASS
		MCS0	26/0	52	13.81	24.040	23.05	PASS
		MCS0	52/37	52	13.81	24.040	23.05	PASS
		MCS0	106/53	52	13.88	24.431	23.05	PASS
144	5720 (U-NII 3)	MCS0	full	52	8.21	6.624	30	PASS
149	5745	MCS0	full	49	13.65	23.170	30	PASS
		MCS0	26/0	50	13.69	23.385	30	PASS
		MCS0	52/37	50	13.72	23.547	30	PASS
		MCS0	106/53	50	13.65	23.170	30	PASS
157	5785	MCS0	full	50	13.64	23.117	30	PASS
165	5825	MCS0	full	38	10.56	11.375	30	PASS
		MCS0	26/8	40	10.65	11.613	30	PASS
		MCS0	52/40	40	10.69	11.720	30	PASS
		MCS0	106/54	39	10.72	11.801	30	PASS

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802.11ax_HE40_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	46	10.91	12.323	23.98	PASS
		MCS0	242/61	48	10.94	12.409	23.98	PASS
46	5230	MCS0	full	58	13.92	24.645	23.98	PASS
54	5270	MCS0	full	59	13.94	24.759	23.98	PASS
62	5310	MCS0	full	40	8.96	7.866	23.98	PASS
		MCS0	242/62	47	10.98	12.524	23.98	PASS
102	5510	MCS0	full	35	6.96	4.963	23.98	PASS
		MCS0	242/61	47	10.95	12.437	23.98	PASS
110	5550	MCS0	full	58	13.93	4.963	23.98	PASS
134	5670	MCS0	full	50	11.99	15.803	23.98	PASS
		MCS0	242/62	58	13.98	24.988	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	58	13.16	20.682	23.98	PASS
		MCS0	242/61	59	13.87	24.363	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	58	5.10	3.236	30	PASS
151	5755	MCS0	full	59	13.94	24.759	30	PASS
		MCS0	242/61	61	13.93	24.702	30	PASS
159	5795	MCS0	full	47	10.98	12.524	30	PASS
		MCS0	242/62	47	10.90	12.295	30	PASS

802.11ax_HE40_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	35	10.88	12.239	23.98	PASS
		MCS0	242/61	35	10.82	12.071	23.98	PASS
46	5230	MCS0	full	47	13.88	24.419	23.98	PASS
54	5270	MCS0	full	47	13.91	24.588	23.98	PASS
62	5310	MCS0	full	31	8.93	7.811	23.98	PASS
		MCS0	242/62	36	10.85	12.154	23.98	PASS
102	5510	MCS0	full	22	6.93	4.929	23.98	PASS
		MCS0	242/61	36	10.90	12.295	23.98	PASS
110	5550	MCS0	full	48	13.88	4.929	23.98	PASS
134	5670	MCS0	full	43	11.95	15.658	23.98	PASS
		MCS0	242/62	48	13.83	24.140	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	49	13.02	20.063	23.98	PASS
		MCS0	242/61	49	13.62	23.000	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	49	4.91	3.096	30	PASS
151	5755	MCS0	full	49	13.85	24.251	30	PASS
		MCS0	242/61	49	13.90	24.532	30	PASS
159	5795	MCS0	full	39	10.85	12.154	30	PASS
		MCS0	242/62	38	10.86	12.182	30	PASS

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802.11ax_HE80_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	47	10.95	12.437	23.98	PASS
		MCS0	484/65	47	10.93	12.380	23.98	PASS
58	5290	MCS0	full	36	7.84	6.078	23.98	PASS
		MCS0	484/66	40	8.85	7.669	23.98	PASS
106	5530	MCS0	full	33	6.85	4.839	23.98	PASS
		MCS0	484/65	35	6.83	4.816	23.98	PASS
122	5610	MCS0	full	57	13.81	24.029	23.98	PASS
		MCS0	484/66	58	13.95	24.816	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	58	13.66	23.242	23.98	PASS
		MCS0	484/65	58	13.93	24.702	23.98	PASS
		MCS0	484/66	58	13.95	24.816	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	58	2.28	1.689	30	PASS
155	5775	MCS0	full	46	10.97	12.495	30	PASS
		MCS0	484/65	47	10.96	12.466	30	PASS
		MCS0	484/66	47	10.97	12.495	30	PASS

802.11ax_HE80_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	35	10.89	12.267	23.98	PASS
		MCS0	484/65	35	10.87	12.210	23.98	PASS
58	5290	MCS0	full	25	7.68	5.858	23.98	PASS
		MCS0	484/66	31	8.80	7.581	23.98	PASS
106	5530	MCS0	full	22	6.63	4.600	23.98	PASS
		MCS0	484/65	22	6.67	4.642	23.98	PASS
122	5610	MCS0	full	49	13.73	23.590	23.98	PASS
		MCS0	484/66	49	13.86	24.307	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	51	13.51	22.427	23.98	PASS
		MCS0	484/65	50	13.81	24.029	23.98	PASS
		MCS0	484/66	50	13.87	24.363	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	51	2.47	1.768	30	PASS
155	5775	MCS0	full	39	10.86	12.182	30	PASS
		MCS0	484/65	39	10.93	12.380	30	PASS
		MCS0	484/66	38	10.95	12.437	30	PASS

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MIMO

802.11a_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	6	48	10.50	13.05	14.97	31.391	23.98	PASS
44	5220	6	60	13.66	15.82	17.88	61.396	23.98	PASS
48	5240	6	60	13.78	15.80	17.91	61.871	23.98	PASS
52	5260	6	58	13.16	16.16	17.92	61.980	23.98	PASS
60	5300	6	47	10.46	13.06	14.96	31.334	23.98	PASS
64	5320	6	47	10.46	13.09	14.98	31.474	23.98	PASS
100	5500	6	47	10.63	12.50	14.67	29.332	23.98	PASS
116	5580	6	59	13.81	15.69	17.86	61.086	23.98	PASS
136	5680	6	59	13.67	15.73	17.83	60.666	23.98	PASS
140	5700	6	43	9.66	11.35	13.60	22.883	23.98	PASS
144	5720(U-NII 2C)	6	59	12.28	14.24	16.38	43.437	22.91	PASS
144	5720 (U-NII 3)	6	59	7.79	9.92	12.00	15.839	30	PASS
149	5745	6	59	13.70	15.94	17.97	62.680	30	PASS
157	5785	6	60	13.62	15.94	17.94	62.253	30	PASS
165	5825	6	48	11.03	12.54	14.86	30.611	30	PASS

802.11n_HT20_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	MCS0	40	8.42	11.06	12.95	19.730	23.98	PASS
44	5220	MCS0	52	11.56	14.01	15.97	39.529	23.98	PASS
48	5240	MCS0	53	11.59	13.96	15.95	39.340	23.98	PASS
52	5260	MCS0	51	11.46	14.05	15.96	39.436	23.98	PASS
60	5300	MCS0	40	8.47	11.01	12.94	19.664	23.98	PASS
64	5320	MCS0	40	8.46	11.06	12.97	19.794	23.98	PASS
100	5500	MCS0	40	8.78	10.90	12.98	19.869	23.98	PASS
116	5580	MCS0	51	11.83	13.46	15.73	37.451	23.98	PASS
136	5680	MCS0	52	11.89	13.53	15.80	38.024	23.98	PASS
140	5700	MCS0	40	8.90	10.78	12.95	19.745	23.98	PASS
144	5720(U-NII 2C)	MCS0	52	10.45	12.23	14.44	27.775	22.94	PASS
144	5720 (U-NII 3)	MCS0	52	6.05	7.80	10.02	10.053	30	PASS
149	5745	MCS0	52	11.65	13.88	15.92	39.086	30	PASS
157	5785	MCS0	52	11.70	13.78	15.88	38.699	30	PASS
165	5825	MCS0	41	9.20	10.52	12.92	19.605	30	PASS

802.11n_HT40_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
38	5190	MCS0	40	8.51	11.07	12.99	19.905	23.98	PASS
46	5230	MCS0	52	11.62	13.88	15.91	38.985	23.98	PASS
54	5270	MCS0	49	12.54	13.32	15.96	39.456	23.98	PASS
62	5310	MCS0	35	6.32	8.44	10.52	11.276	23.98	PASS
102	5510	MCS0	37	7.53	9.97	11.93	15.605	23.98	PASS
110	5550	MCS0	52	11.75	13.78	15.90	38.870	23.98	PASS
134	5670	MCS0	52	11.84	13.72	15.89	38.856	23.98	PASS
142	5710(U-NII 2C)	MCS0	52	11.02	13.19	15.25	33.475	23.98	PASS
142	5710 (U-NII 3)	MCS0	52	2.62	4.61	6.74	4.722	30	PASS
151	5755	MCS0	52	11.59	13.85	15.88	38.717	30	PASS
159	5795	MCS0	42	9.06	10.69	12.96	19.791	30	PASS

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802.11ac_VHT20_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	MCS0	40	8.40	11.02	12.91	19.547	23.98	PASS
44	5220	MCS0	52	11.52	13.95	15.91	38.985	23.98	PASS
48	5240	MCS0	53	11.54	13.93	15.90	38.936	23.98	PASS
52	5260	MCS0	51	11.45	13.99	15.91	38.987	23.98	PASS
60	5300	MCS0	40	8.43	10.99	12.90	19.508	23.98	PASS
64	5320	MCS0	40	8.40	11.02	12.91	19.547	23.98	PASS
100	5500	MCS0	40	8.74	10.80	12.90	19.486	23.98	PASS
116	5580	MCS0	51	11.77	13.43	15.68	37.025	23.98	PASS
136	5680	MCS0	52	11.85	13.50	15.76	37.662	23.98	PASS
140	5700	MCS0	40	8.84	10.69	12.87	19.359	23.98	PASS
144	5720(U-NII 2C)	MCS0	52	10.41	12.18	14.39	27.498	22.94	PASS
144	5720 (U-NII 3)	MCS0	52	6.02	7.75	9.98	9.953	30	PASS
149	5745	MCS0	52	11.58	13.80	15.84	38.340	30	PASS
157	5785	MCS0	52	11.62	13.73	15.81	38.089	30	PASS
165	5825	MCS0	41	9.17	10.49	12.89	19.436	30	PASS

802.11ac_VHT40_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
38	5190	MCS0	40	8.46	10.99	12.91	19.556	23.98	PASS
46	5230	MCS0	52	11.59	13.84	15.87	38.594	23.98	PASS
54	5270	MCS0	49	12.47	13.28	15.90	38.904	23.98	PASS
62	5310	MCS0	31	5.34	7.84	9.77	9.492	23.98	PASS
102	5510	MCS0	37	7.46	9.92	11.87	15.375	23.98	PASS
110	5550	MCS0	52	11.70	13.73	15.84	38.359	23.98	PASS
134	5670	MCS0	44	9.86	11.59	13.82	24.081	23.98	PASS
142	5710(U-NII 2C)	MCS0	52	10.98	13.15	15.21	33.187	23.98	PASS
142	5710 (U-NII 3)	MCS0	52	2.59	4.58	6.70	4.682	30	PASS
151	5755	MCS0	52	11.54	13.77	15.80	38.043	30	PASS
159	5795	MCS0	42	9.01	10.60	12.88	19.425	30	PASS

802.11ac_VHT80_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
42	5210	MCS0	39	8.27	10.90	12.79	19.033	23.98	PASS
58	5290	MCS0	24	3.98	7.17	8.88	7.719	23.98	PASS
106	5530	MCS0	30	5.49	7.90	9.87	9.714	23.98	PASS
122	5610	MCS0	52	11.95	13.51	15.81	38.138	23.98	PASS
138	5690(U-NII 2C)	MCS0	52	11.55	13.34	15.55	35.865	23.98	PASS
138	5690 (U-NII 3)	MCS0	52	0.38	1.68	4.09	2.563	30	PASS
155	5775	MCS0	41	9.15	10.65	12.98	19.853	30	PASS

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802.11ax_HE20_2TX

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
36	5180	MCS0	full	32	6.24	9.08	10.90	12.296	23.98	PASS
		MCS0	26/0	34	6.46	9.02	10.94	12.404	23.98	PASS
		MCS0	52/37	34	6.40	9.02	10.91	12.343	23.98	PASS
		MCS0	106/53	32	6.12	8.93	10.76	11.907	23.98	PASS
44	5220	MCS0	full	40	9.33	12.04	13.90	24.562	23.98	PASS
48	5240	MCS0	full	40	9.34	12.02	13.89	24.508	23.98	PASS
52	5260	MCS0	full	40	9.21	11.93	13.79	23.929	23.98	PASS
60	5300	MCS0	full	30	6.03	9.24	10.93	12.401	23.98	PASS
64	5320	MCS0	full	30	6.05	9.10	10.85	12.154	23.98	PASS
		MCS0	26/8	33	6.31	9.17	10.98	12.534	23.98	PASS
		MCS0	52/40	31	6.13	9.19	10.93	12.399	23.98	PASS
		MCS0	106/54	32	6.19	9.24	10.99	12.552	23.98	PASS
100	5500	MCS0	full	32	6.60	8.77	10.83	12.103	23.98	PASS
		MCS0	26/0	32	6.70	8.67	10.81	12.038	23.98	PASS
		MCS0	52/37	32	6.70	8.79	10.88	12.244	23.98	PASS
		MCS0	106/53	32	6.72	8.91	10.96	12.477	23.98	PASS
116	5580	MCS0	full	40	9.81	11.52	13.76	23.759	23.98	PASS
136	5680	MCS0	full	42	10.11	11.53	13.89	24.476	23.98	PASS
		MCS0	26/8	42	9.89	11.49	13.77	23.839	23.98	PASS
		MCS0	52/40	42	9.94	11.51	13.81	24.017	23.98	PASS
		MCS0	106/54	42	9.92	11.44	13.76	23.745	23.98	PASS
140	5700	MCS0	full	15	3.24	4.43	6.89	4.881	23.98	PASS
		MCS0	26/8	15	3.16	4.40	6.83	4.824	23.98	PASS
		MCS0	52/40	15	3.05	4.51	6.85	4.842	23.98	PASS
		MCS0	106/54	15	3.27	4.55	6.97	4.973	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	43	8.75	10.17	12.53	17.908	22.98	PASS
		MCS0	26/0	43	10.02	11.41	13.78	23.878	22.98	PASS
		MCS0	52/37	43	9.97	11.53	13.83	24.151	22.98	PASS
		MCS0	106/53	43	10.12	11.55	13.90	24.565	22.98	PASS
144	5720 (U-NII 3)	MCS0	full	43	4.39	5.93	8.24	6.667	30	PASS
149	5745	MCS0	full	41	9.85	11.75	13.91	24.619	30	PASS
		MCS0	26/0	42	9.97	11.71	13.94	24.753	30	PASS
		MCS0	52/37	42	10.04	11.75	13.99	25.051	30	PASS
		MCS0	106/53	42	10.00	11.74	13.97	24.924	30	PASS
157	5785	MCS0	full	42	10.04	11.65	13.93	24.710	30	PASS
165	5825	MCS0	full	33	7.20	8.41	10.86	12.180	30	PASS
		MCS0	26/8	33	7.11	8.46	10.85	12.153	30	PASS
		MCS0	52/40	33	7.24	8.58	10.97	12.506	30	PASS
		MCS0	106/54	33	7.19	8.44	10.87	12.216	30	PASS

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802.11ax_HE40_2TX

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
38	5190	MCS0	full	30	5.92	9.25	10.90	12.315	23.98	PASS
		MCS0	242/61	32	6.00	9.11	10.84	12.121	23.98	PASS
46	5230	MCS0	full	40	9.32	12.17	13.98	25.017	23.98	PASS
54	5270	MCS0	full	41	9.24	12.23	13.99	25.090	23.98	PASS
62	5310	MCS0	full	27	5.10	8.27	9.98	9.944	23.98	PASS
		MCS0	242/62	30	6.17	9.13	10.91	12.317	23.98	PASS
102	5510	MCS0	full	26	5.45	8.06	9.96	9.899	23.98	PASS
		MCS0	242/61	30	6.41	9.02	10.92	12.347	23.98	PASS
110	5550	MCS0	full	41	9.66	11.91	13.94	9.899	23.98	PASS
134	5670	MCS0	full	41	9.86	11.84	13.97	24.943	23.98	PASS
		MCS0	242/62	41	9.80	11.90	13.98	25.023	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	42	9.06	11.02	13.16	20.710	23.98	PASS
		MCS0	242/61	42	9.73	11.72	13.85	24.241	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	42	0.52	2.91	4.89	3.080	30	PASS
151	5755	MCS0	full	42	9.87	11.85	13.98	25.000	30	PASS
		MCS0	242/61	41	9.43	12.07	13.96	24.861	30	PASS
159	5795	MCS0	full	32	6.92	8.67	10.89	12.275	30	PASS
		MCS0	242/62	32	6.57	8.96	10.93	12.402	30	PASS

802.11ax_HE80_2TX

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
42	5210	MCS0	full	31	6.22	9.22	10.98	12.536	23.98	PASS
		MCS0	484/65	31	5.88	9.15	10.82	12.087	23.98	PASS
58	5290	MCS0	full	22	4.06	7.28	8.97	7.888	23.98	PASS
		MCS0	484/66	27	5.04	7.92	9.72	9.380	23.98	PASS
106	5530	MCS0	full	24	5.17	6.57	8.93	7.823	23.98	PASS
		MCS0	484/65	28	5.44	7.93	9.87	9.702	23.98	PASS
122	5610	MCS0	full	42	9.93	11.73	13.93	24.718	23.98	PASS
		MCS0	484/66	42	9.84	11.87	13.98	25.004	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	43	9.85	11.22	13.60	22.893	23.98	PASS
		MCS0	484/65	43	10.02	11.76	13.98	25.027	23.98	PASS
		MCS0	484/66	43	10.02	11.77	13.99	25.062	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	43	-1.47	0.18	2.44	1.756	30	PASS
155	5775	MCS0	full	32	6.97	8.73	10.95	12.434	30	PASS
		MCS0	484/65	32	6.81	8.86	10.96	12.481	30	PASS
		MCS0	484/66	33	6.91	8.82	10.98	12.522	30	PASS

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9.5.2 ISED Conducted output power and EIRP

SISO

802.11a_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	17.95	62.347	23.33	PASS
60	5300	14.95	31.248	23.23	PASS
64	5320	14.97	31.392	23.21	PASS
100	5500	14.81	30.256	23.22	PASS
116	5580	17.57	57.124	23.26	PASS
136	5680	17.58	57.255	23.29	PASS
140	5700	10.92	12.354	23.21	PASS
144	5720(U-NII 2C)	16.22	41.848	22.3	PASS
144	5720 (U-NII 3)	11.76	15.014	30	PASS
149	5745	17.98	62.779	30	PASS
157	5785	17.94	62.204	30	PASS
165	5825	14.96	31.320	30	PASS

802.11a_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	17.70	58.860	23.33	PASS
60	5300	14.91	30.961	23.23	PASS
64	5320	14.92	31.033	23.21	PASS
100	5500	14.68	29.364	23.22	PASS
116	5580	17.55	56.861	23.26	PASS
136	5680	17.55	56.861	23.29	PASS
140	5700	10.85	12.157	23.21	PASS
144	5720(U-NII 2C)	16.54	45.035	22.3	PASS
144	5720 (U-NII 3)	10.53	11.305	30	PASS
149	5745	17.89	61.492	30	PASS
157	5785	17.79	60.092	30	PASS
165	5825	14.81	30.256	30	PASS

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802.11n_HT20_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	15.90	38.934	23.5	PASS
60	5300	12.99	19.922	23.49	PASS
64	5320	12.88	19.424	23.49	PASS
100	5500	12.98	19.876	23.5	PASS
116	5580	15.93	39.204	23.51	PASS
136	5680	15.71	37.268	23.52	PASS
140	5700	9.76	9.470	23.49	PASS
144	5720(U-NII 2C)	14.26	26.650	22.44	PASS
144	5720 (U-NII 3)	10.36	10.876	30	PASS
149	5745	15.91	39.024	30	PASS
157	5785	15.93	39.204	30	PASS
165	5825	12.91	19.558	30	PASS

802.11n_HT20_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	15.79	37.960	23.5	PASS
60	5300	12.87	19.379	23.49	PASS
64	5320	12.78	18.981	23.49	PASS
100	5500	12.82	19.157	23.5	PASS
116	5580	15.74	37.526	23.51	PASS
136	5680	15.57	36.085	23.52	PASS
140	5700	9.75	9.448	23.49	PASS
144	5720(U-NII 2C)	14.27	26.701	22.44	PASS
144	5720 (U-NII 3)	9.84	9.634	30	PASS
149	5745	15.85	38.488	30	PASS
157	5785	15.85	38.488	30	PASS
165	5825	12.81	19.113	30	PASS

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802.11n_HT40_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	15.81	38.136	23.98	PASS
62	5310	8.72	7.453	23.98	PASS
102	5510	8.95	7.858	23.98	PASS
110	5550	15.90	38.934	23.98	PASS
134	5670	13.68	23.352	23.98	PASS
142	5710(U-NII 2C)	15.35	34.283	23.98	PASS
142	5710 (U-NII 3)	7.15	5.193	30	PASS
151	5755	15.95	39.385	30	PASS
159	5795	12.90	19.513	30	PASS

802.11n_HT40_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	15.75	37.612	23.98	PASS
62	5310	8.59	7.233	23.98	PASS
102	5510	8.75	7.505	23.98	PASS
110	5550	15.73	37.440	23.98	PASS
134	5670	13.54	22.612	23.98	PASS
142	5710(U-NII 2C)	15.10	32.351	23.98	PASS
142	5710 (U-NII 3)	6.52	4.490	30	PASS
151	5755	15.79	37.960	30	PASS
159	5795	12.80	19.069	30	PASS

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802.11ac_VHT20_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	15.85	38.422	23.5	PASS
60	5300	12.92	19.570	23.49	PASS
64	5320	12.86	19.301	23.49	PASS
100	5500	12.93	19.615	23.5	PASS
116	5580	15.92	39.047	23.51	PASS
136	5680	15.68	36.947	23.52	PASS
140	5700	9.71	9.345	23.49	PASS
144	5720(U-NII 2C)	14.20	26.300	22.44	PASS
144	5720 (U-NII 3)	10.31	10.733	30	PASS
149	5745	15.85	38.422	30	PASS
157	5785	15.89	38.778	30	PASS
165	5825	12.86	19.301	30	PASS

802.11ac_VHT20_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	15.76	37.634	23.5	PASS
60	5300	12.85	19.257	23.49	PASS
64	5320	12.72	18.689	23.49	PASS
100	5500	12.77	18.905	23.5	PASS
116	5580	15.69	37.033	23.51	PASS
136	5680	15.55	35.858	23.52	PASS
140	5700	9.72	9.367	23.49	PASS
144	5720(U-NII 2C)	14.24	26.533	22.44	PASS
144	5720 (U-NII 3)	9.81	9.574	30	PASS
149	5745	15.80	37.983	30	PASS
157	5785	15.82	38.158	30	PASS
165	5825	12.78	18.949	30	PASS

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802.11ac_VHT40_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	15.78	37.808	23.98	PASS
62	5310	8.68	7.372	23.98	PASS
102	5510	8.83	7.631	23.98	PASS
110	5550	15.84	38.334	23.98	PASS
134	5670	13.62	22.992	23.98	PASS
142	5710(U-NII 2C)	15.34	34.224	23.98	PASS
142	5710 (U-NII 3)	7.15	5.184	30	PASS
151	5755	15.89	38.778	30	PASS
159	5795	12.78	18.949	30	PASS

802.11ac_VHT40_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	15.72	37.289	23.98	PASS
62	5310	8.53	7.122	23.98	PASS
102	5510	8.66	7.338	23.98	PASS
110	5550	15.68	36.947	23.98	PASS
134	5670	13.52	22.469	23.98	PASS
142	5710(U-NII 2C)	15.09	32.295	23.98	PASS
142	5710 (U-NII 3)	6.52	4.482	30	PASS
151	5755	15.74	37.461	30	PASS
159	5795	12.76	18.862	30	PASS

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	8.80	7.592	23.98	PASS
106	5530	7.98	6.286	23.98	PASS
122	5610	15.91	39.026	23.98	PASS
138	5690(U-NII 2C)	15.39	34.622	23.98	PASS
138	5690 (U-NII 3)	4.09	2.562	30	PASS
155	5775	12.96	19.786	30	PASS

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802.11ac_VHT80_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	8.62	7.284	23.98	PASS
106	5530	7.72	5.920	23.98	PASS
122	5610	15.81	38.138	23.98	PASS
138	5690(U-NII 2C)	15.33	34.095	23.98	PASS
138	5690 (U-NII 3)	3.67	2.326	30	PASS
155	5775	12.71	18.679	30	PASS

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802.11ax_HE20_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	full	13.79	23.929	23.79	PASS
60	5300	full	10.92	12.358	23.79	PASS
64	5320	full	10.88	12.244	23.79	PASS
		26/8	10.92	12.358	23.79	PASS
		52/40	10.94	12.415	23.79	PASS
		106/54	10.89	12.272	23.79	PASS
100	5500	full	10.91	12.329	23.79	PASS
		26/0	10.83	12.104	23.79	PASS
		52/37	10.85	12.160	23.79	PASS
		106/53	10.93	12.386	23.79	PASS
116	5580	full	13.96	24.885	23.8	PASS
136	5680	full	13.97	24.942	23.79	PASS
		26/8	13.79	23.929	23.79	PASS
		52/40	13.77	23.820	23.79	PASS
		106/54	13.90	24.543	23.79	PASS
140	5700	full	6.92	4.920	23.79	PASS
		26/8	6.97	4.977	23.79	PASS
		52/40	6.99	5.000	23.79	PASS
		106/54	6.94	4.942	23.79	PASS
144	5720(U-NII 2C)	full	12.37	17.240	22.62	PASS
		26/0	13.89	24.487	22.62	PASS
		52/37	13.94	24.770	22.62	PASS
		106/53	13.94	24.770	22.62	PASS
144	5720 (U-NII 3)	full	8.53	7.134	30	PASS
149	5745	full	13.76	23.765	30	PASS
		26/0	13.88	24.431	30	PASS
		52/37	13.82	24.095	30	PASS
		106/53	13.89	24.487	30	PASS
157	5785	full	13.91	24.600	30	PASS
165	5825	full	10.85	12.160	30	PASS
		26/8	10.91	12.329	30	PASS
		52/40	10.97	12.501	30	PASS
		106/54	10.95	12.443	30	PASS

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802.11ax_HE20_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	full	13.77	23.820	23.79	PASS
60	5300	full	10.75	11.883	23.79	PASS
64	5320	full	10.77	11.938	23.79	PASS
		26/8	10.77	11.938	23.79	PASS
		52/40	10.86	12.188	23.79	PASS
		106/54	10.81	12.048	23.79	PASS
100	5500	full	10.67	11.666	23.79	PASS
		26/0	10.80	12.021	23.79	PASS
		52/37	10.80	12.021	23.79	PASS
		106/53	10.73	11.829	23.79	PASS
116	5580	full	13.67	23.277	23.8	PASS
136	5680	full	13.75	23.710	23.79	PASS
		26/8	13.72	23.547	23.79	PASS
		52/40	13.73	23.601	23.79	PASS
		106/54	13.83	24.151	23.79	PASS
140	5700	full	6.71	4.687	23.79	PASS
		26/8	6.86	4.852	23.79	PASS
		52/40	6.93	4.931	23.79	PASS
		106/54	6.90	4.897	23.79	PASS
144	5720(U-NII 2C)	full	12.45	17.582	22.62	PASS
		26/0	13.81	24.040	22.62	PASS
		52/37	13.81	24.040	22.62	PASS
		106/53	13.88	24.431	22.62	PASS
144	5720 (U-NII 3)	full	8.21	6.624	30	PASS
149	5745	full	13.65	23.170	30	PASS
		26/0	13.69	23.385	30	PASS
		52/37	13.72	23.547	30	PASS
		106/53	13.65	23.170	30	PASS
157	5785	full	13.64	23.117	30	PASS
165	5825	full	10.56	11.375	30	PASS
		26/8	10.65	11.613	30	PASS
		52/40	10.69	11.720	30	PASS
		106/54	10.72	11.801	30	PASS

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802.11ax_HE40_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	full	13.94	24.759	23.98	PASS
62	5310	full	8.96	7.866	23.98	PASS
		242/62	10.98	12.524	23.98	PASS
102	5510	full	6.96	4.963	23.98	PASS
		242/61	10.95	12.437	23.98	PASS
110	5550	full	13.93	24.702	23.98	PASS
134	5670	full	11.99	15.803	23.98	PASS
		242/62	13.98	24.988	23.98	PASS
142	5710(U-NII 2C)	full	13.16	20.682	23.98	PASS
		242/61	13.87	24.363	23.98	PASS
142	5710 (U-NII 3)	full	5.10	3.236	30	PASS
151	5755	full	13.94	24.759	30	PASS
		242/61	13.93	24.702	30	PASS
159	5795	full	10.98	12.524	30	PASS
		242/62	10.90	12.295	30	PASS

802.11ax_HE40_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	full	13.91	24.588	23.98	PASS
62	5310	full	8.93	7.811	23.98	PASS
		242/62	10.85	12.154	23.98	PASS
102	5510	full	6.93	4.929	23.98	PASS
		242/61	10.90	12.295	23.98	PASS
110	5550	full	13.88	24.419	23.98	PASS
134	5670	full	11.95	15.658	23.98	PASS
		242/62	13.83	24.140	23.98	PASS
142	5710(U-NII 2C)	full	13.02	20.063	23.98	PASS
		242/61	13.62	23.000	23.98	PASS
142	5710 (U-NII 3)	full	4.91	3.096	30	PASS
151	5755	full	13.85	24.251	30	PASS
		242/61	13.90	24.532	30	PASS
159	5795	full	10.85	12.154	30	PASS
		242/62	10.86	12.182	30	PASS

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802.11ax_HE80_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	full	7.84	6.078	23.98	PASS
		484/66	8.85	7.669	23.98	PASS
106	5530	full	6.85	4.839	23.98	PASS
		484/65	6.83	4.816	23.98	PASS
122	5610	full	13.81	24.029	23.98	PASS
		484/66	13.95	24.816	23.98	PASS
138	5690(U-NII 2C)	full	13.66	23.242	23.98	PASS
		484/65	13.93	24.702	23.98	PASS
		484/66	13.95	24.816	23.98	PASS
138	5690 (U-NII 3)	full	2.28	1.689	30	PASS
155	5775	full	10.97	12.495	30	PASS
		484/65	10.96	12.466	30	PASS
		484/66	10.97	12.495	30	PASS

802.11ax_HE80_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	full	7.68	5.858	23.98	PASS
		484/66	8.80	7.581	23.98	PASS
106	5530	full	6.63	4.600	23.98	PASS
		484/65	6.67	4.642	23.98	PASS
122	5610	full	13.73	23.590	23.98	PASS
		484/66	13.86	24.307	23.98	PASS
138	5690(U-NII 2C)	full	13.51	22.427	23.98	PASS
		484/65	13.81	24.029	23.98	PASS
		484/66	13.87	24.363	23.98	PASS
138	5690 (U-NII 3)	full	2.47	1.768	30	PASS
155	5775	full	10.86	12.182	30	PASS
		484/65	10.93	12.380	30	PASS
		484/66	10.95	12.437	30	PASS

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EIRP

802.11a_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	14.84	4.25	19.09	81.096	22.19	PASS
44	5220	15.81	4.25	20.06	101.391	22.22	PASS
48	5240	15.68	4.25	19.93	98.401	22.2	PASS
52	5260	17.95	4.25	22.20	165.959	29.33	PASS
60	5300	14.95	4.25	19.20	83.176	29.23	PASS
64	5320	14.97	4.25	19.22	83.560	29.21	PASS
100	5500	14.81	4.25	19.06	80.538	29.22	PASS
116	5580	17.57	4.25	21.82	152.055	29.26	PASS
136	5680	17.58	4.25	21.83	152.405	29.29	PASS
140	5700	10.92	4.25	15.17	32.885	29.21	PASS

802.11a_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	14.78	4.25	19.03	79.983	22.19	PASS
44	5220	15.75	4.25	20.00	100.000	22.22	PASS
48	5240	15.62	4.25	19.87	97.051	22.2	PASS
52	5260	17.70	4.25	21.95	156.675	29.33	PASS
60	5300	14.91	4.25	19.16	82.414	29.23	PASS
64	5320	14.92	4.25	19.17	82.604	29.21	PASS
100	5500	14.68	4.25	18.93	78.163	29.22	PASS
116	5580	17.55	4.25	21.80	151.356	29.26	PASS
136	5680	17.55	4.25	21.80	151.356	29.29	PASS
140	5700	10.85	4.25	15.10	32.359	29.21	PASS

802.11n_HT20_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.94	4.25	17.19	52.360	22.48	PASS
44	5220	15.97	4.25	20.22	105.196	22.48	PASS
48	5240	15.98	4.25	20.23	105.439	22.49	PASS
52	5260	15.90	4.25	20.15	103.514	29.5	PASS
60	5300	12.99	4.25	17.24	52.966	29.49	PASS
64	5320	12.88	4.25	17.13	51.642	29.49	PASS
100	5500	12.98	4.25	17.23	52.845	29.5	PASS
116	5580	15.93	4.25	20.18	104.232	29.51	PASS
136	5680	15.71	4.25	19.96	99.083	29.52	PASS
140	5700	9.76	4.25	14.01	25.177	29.49	PASS

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802.11n_HT20_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.91	4.25	17.16	52.000	22.48	PASS
44	5220	15.91	4.25	20.16	103.753	22.48	PASS
48	5240	15.89	4.25	20.14	103.276	22.49	PASS
52	5260	15.79	4.25	20.04	100.925	22.5	PASS
60	5300	12.87	4.25	17.12	51.523	22.49	PASS
64	5320	12.78	4.25	17.03	50.466	22.49	PASS
100	5500	12.82	4.25	17.07	50.933	22.5	PASS
116	5580	15.74	4.25	19.99	99.770	22.51	PASS
136	5680	15.57	4.25	19.82	95.940	22.52	PASS
140	5700	9.75	4.25	14.00	25.119	22.49	PASS

802.11n_HT40_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	12.98	4.25	17.23	52.845	23.01	PASS
46	5230	15.99	4.25	20.24	105.682	23.01	PASS
54	5270	15.81	4.25	20.06	101.391	30	PASS
62	5310	8.72	4.25	12.97	19.815	30	PASS
102	5510	8.95	4.25	13.20	20.893	30	PASS
110	5550	15.90	4.25	20.15	103.514	30	PASS
134	5670	13.68	4.25	17.93	62.087	30	PASS

802.11n_HT40_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	12.79	4.25	17.04	50.582	23.01	PASS
46	5230	15.82	4.25	20.07	101.625	23.01	PASS
54	5270	15.75	4.25	20.00	100.000	30	PASS
62	5310	8.59	4.25	12.84	19.231	30	PASS
102	5510	8.75	4.25	13.00	19.953	30	PASS
110	5550	15.73	4.25	19.98	99.541	30	PASS
134	5670	13.54	4.25	17.79	60.117	30	PASS

802.11ac_VHT20_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.91	4.25	17.16	52.000	22.48	PASS
44	5220	15.92	4.25	20.17	103.992	22.48	PASS
48	5240	15.94	4.25	20.19	104.472	22.49	PASS
52	5260	15.85	4.25	20.10	102.329	29.5	PASS
60	5300	12.92	4.25	17.17	52.119	29.49	PASS
64	5320	12.86	4.25	17.11	51.404	29.49	PASS
100	5500	12.93	4.25	17.18	52.240	29.5	PASS
116	5580	15.92	4.25	20.17	103.992	29.51	PASS
136	5680	15.68	4.25	19.93	98.401	29.52	PASS
140	5700	9.71	4.25	13.96	24.889	29.49	PASS

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802.11ac_VHT20_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.89	4.25	17.14	51.761	22.48	PASS
44	5220	15.88	4.25	20.13	103.039	22.48	PASS
48	5240	15.85	4.25	20.10	102.329	22.49	PASS
52	5260	15.76	4.25	20.01	100.231	22.5	PASS
60	5300	12.85	4.25	17.10	51.286	22.49	PASS
64	5320	12.72	4.25	16.97	49.774	22.49	PASS
100	5500	12.77	4.25	17.02	50.350	22.5	PASS
116	5580	15.69	4.25	19.94	98.628	22.51	PASS
136	5680	15.55	4.25	19.80	95.499	22.52	PASS
140	5700	9.72	4.25	13.97	24.946	22.49	PASS

802.11ac_VHT40_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	12.95	4.25	17.20	52.481	23.01	PASS
46	5230	15.97	4.25	20.22	105.196	23.01	PASS
54	5270	15.78	4.25	20.03	100.693	30	PASS
62	5310	8.68	4.25	12.93	19.634	30	PASS
102	5510	8.83	4.25	13.08	20.324	30	PASS
110	5550	15.84	4.25	20.09	102.094	30	PASS
134	5670	13.62	4.25	17.87	61.235	30	PASS

802.11ac_VHT40_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	12.77	4.25	17.02	50.350	23.01	PASS
46	5230	15.79	4.25	20.04	100.925	23.01	PASS
54	5270	15.72	4.25	19.97	99.312	30	PASS
62	5310	8.53	4.25	12.78	18.967	30	PASS
102	5510	8.66	4.25	12.91	19.543	30	PASS
110	5550	15.68	4.25	19.93	98.401	30	PASS
134	5670	13.52	4.25	17.77	59.841	30	PASS

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	12.99	4.25	17.24	52.966	23.01	PASS
58	5290	8.80	4.25	13.05	20.184	30	PASS
106	5530	7.98	4.25	12.23	16.711	30	PASS

802.11ac_VHT80_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	12.82	4.25	17.07	50.933	23.01	PASS
58	5290	8.62	4.25	12.87	19.364	30	PASS
106	5530	7.72	4.25	11.97	15.740	30	PASS

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802.11ax_HE20_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	full	10.75	4.25	15.00	31.623	22.79	PASS
		26/0	8.94	4.25	13.19	20.845	22.79	PASS
		52/37	10.95	4.25	15.20	33.113	22.79	PASS
		106/53	10.95	4.25	15.20	33.113	22.79	PASS
44	5220	full	13.80	4.25	18.05	63.826	22.79	PASS
48	5240	full	13.84	4.25	18.09	64.417	22.79	PASS
52	5260	full	13.79	4.25	18.04	63.680	29.79	PASS
60	5300	full	10.92	4.25	15.17	32.885	29.79	PASS
64	5320	full	10.88	4.25	15.13	32.584	29.79	PASS
		26/8	10.92	4.25	15.17	32.885	29.79	PASS
		52/40	10.94	4.25	15.19	33.037	29.79	PASS
		106/54	10.89	4.25	15.14	32.659	29.79	PASS
100	5500	full	10.91	4.25	15.16	32.810	29.79	PASS
		26/0	10.83	4.25	15.08	32.211	29.79	PASS
		52/37	10.85	4.25	15.10	32.359	29.79	PASS
		106/53	10.93	4.25	15.18	32.961	29.79	PASS
116	5580	full	13.96	4.25	18.21	66.222	29.8	PASS
136	5680	full	13.97	4.25	18.22	66.374	29.79	PASS
		26/8	13.79	4.25	18.04	63.680	29.79	PASS
		52/40	13.77	4.25	18.02	63.387	29.79	PASS
		106/54	13.90	4.25	18.15	65.313	29.79	PASS
140	5700	full	6.92	4.25	11.17	13.092	29.79	PASS
		26/8	6.97	4.25	11.22	13.243	29.79	PASS
		52/40	6.99	4.25	11.24	13.305	29.79	PASS
		106/54	6.94	4.25	11.19	13.152	29.79	PASS

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802.11ax_HE20_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	full	10.56	4.25	14.81	30.269	22.79	PASS
		26/0	8.89	4.25	13.14	20.606	22.79	PASS
		52/37	10.89	4.25	15.14	32.659	22.79	PASS
		106/53	10.65	4.25	14.90	30.903	22.79	PASS
44	5220	full	13.72	4.25	17.97	62.661	22.79	PASS
48	5240	full	13.61	4.25	17.86	61.094	22.79	PASS
52	5260	full	13.77	4.25	18.02	63.387	29.79	PASS
60	5300	full	10.75	4.25	15.00	31.623	29.79	PASS
64	5320	full	10.77	4.25	15.02	31.769	29.79	PASS
		26/8	10.77	4.25	15.02	31.769	29.79	PASS
		52/40	10.86	4.25	15.11	32.434	29.79	PASS
		106/54	10.81	4.25	15.06	32.063	29.79	PASS
100	5500	full	10.67	4.25	14.92	31.046	29.79	PASS
		26/0	10.80	4.25	15.05	31.989	29.79	PASS
		52/37	10.80	4.25	15.05	31.989	29.79	PASS
		106/53	10.73	4.25	14.98	31.477	29.79	PASS
116	5580	full	13.67	4.25	17.92	61.944	29.8	PASS
136	5680	full	13.75	4.25	18.00	63.096	29.79	PASS
		26/8	13.72	4.25	17.97	62.661	29.79	PASS
		52/40	13.73	4.25	17.98	62.806	29.79	PASS
		106/54	13.83	4.25	18.08	64.269	29.79	PASS
140	5700	full	6.71	4.25	10.96	12.474	29.79	PASS
		26/8	6.86	4.25	11.11	12.912	29.79	PASS
		52/40	6.93	4.25	11.18	13.122	29.79	PASS
		106/54	6.90	4.25	11.15	13.032	29.79	PASS

802.11ax_HE40_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	full	10.91	4.25	15.16	32.810	23.01	PASS
		242/61	10.94	4.25	15.19	33.037	23.01	PASS
46	5230	full	13.92	4.25	18.17	65.615	23.01	PASS
54	5270	full	13.94	4.25	18.19	65.917	30	PASS
62	5310	full	8.96	4.25	13.21	20.941	30	PASS
		242/62	10.98	4.25	15.23	33.343	30	PASS
102	5510	full	6.96	4.25	11.21	13.213	30	PASS
		242/61	10.95	4.25	15.20	33.113	30	PASS
110	5550	full	13.93	4.25	18.18	65.766	30	PASS
134	5670	full	11.99	4.25	16.24	42.073	30	PASS
		242/62	13.98	4.25	18.23	66.527	30	PASS

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802.11ax_HE40_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	full	10.88	4.25	15.13	32.584	23.01	PASS
		242/61	10.82	4.25	15.07	32.137	23.01	PASS
46	5230	full	13.88	4.25	18.13	65.013	23.01	PASS
54	5270	full	13.91	4.25	18.16	65.464	30	PASS
62	5310	full	8.93	4.25	13.18	20.797	30	PASS
		242/62	10.85	4.25	15.10	32.359	30	PASS
102	5510	full	6.93	4.25	11.18	13.122	30	PASS
		242/61	10.90	4.25	15.15	32.734	30	PASS
110	5550	full	13.88	4.25	18.13	65.013	30	PASS
134	5670	full	11.95	4.25	16.20	41.687	30	PASS
		242/62	13.83	4.25	18.08	64.269	30	PASS

802.11ax_HE80_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	10.95	4.25	15.20	33.113	23.01	PASS
		484/65	10.93	4.25	15.18	32.961	23.01	PASS
58	5290	full	7.84	4.25	12.09	16.181	30	PASS
		484/66	8.85	4.25	13.10	20.417	30	PASS
106	5530	full	6.85	4.25	11.10	12.882	30	PASS
		484/65	6.83	4.25	11.08	12.823	30	PASS

802.11ax_HE80_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	10.89	4.25	15.14	32.659	23.01	PASS
		484/65	10.87	4.25	15.12	32.509	23.01	PASS
58	5290	full	7.68	4.25	11.93	15.596	30	PASS
		484/66	8.80	4.25	13.05	20.184	30	PASS
106	5530	full	6.63	4.25	10.88	12.246	30	PASS
		484/65	6.67	4.25	10.92	12.359	30	PASS

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MIMO

802.11a_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		Ch0	Ch1				
52	5260	13.16	16.16	17.92	61.980	23.19	PASS
60	5300	10.46	13.06	14.96	31.334	23.19	PASS
64	5320	10.46	13.09	14.98	31.474	23.19	PASS
100	5500	10.63	12.50	14.67	29.332	23.19	PASS
116	5580	13.81	15.69	17.86	61.086	23.19	PASS
136	5680	13.67	15.73	17.83	60.666	23.2	PASS
140	5700	9.66	11.35	13.60	22.883	23.18	PASS
144	5720(U-NII 2C)	12.28	14.24	16.38	43.437	22.25	PASS
144	5720 (U-NII 3)	7.79	9.92	12.00	15.839	30	PASS
149	5745	13.70	15.94	17.97	62.680	30	PASS
157	5785	13.62	15.94	17.94	62.253	30	PASS
165	5825	11.03	12.54	14.86	30.611	30	PASS

802.11n_HT20_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		Ch0	Ch1				
52	5260	11.46	14.05	15.96	39.436	23.49	PASS
60	5300	8.47	11.01	12.94	19.664	23.49	PASS
64	5320	8.46	11.06	12.97	19.794	23.49	PASS
100	5500	8.78	10.90	12.98	19.869	23.49	PASS
116	5580	11.83	13.46	15.73	37.451	23.49	PASS
136	5680	11.89	13.53	15.80	38.024	23.49	PASS
140	5700	8.90	10.78	12.95	19.745	23.49	PASS
144	5720(U-NII 2C)	10.45	12.23	14.44	27.775	22.42	PASS
144	5720 (U-NII 3)	6.05	7.80	10.02	10.053	30	PASS
149	5745	11.65	13.88	15.92	39.086	30	PASS
157	5785	11.70	13.78	15.88	38.699	30	PASS
165	5825	9.20	10.52	12.92	19.605	30	PASS

802.11n_HT40_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		Ch0	Ch1				
54	5270	12.54	13.32	15.96	39.456	23.98	PASS
62	5310	6.32	8.44	10.52	11.276	23.98	PASS
102	5510	7.53	9.97	11.93	15.605	23.98	PASS
110	5550	11.75	13.78	15.90	38.870	23.98	PASS
134	5670	11.84	13.72	15.89	38.856	23.98	PASS
142	5710(U-NII 2C)	11.02	13.19	15.25	33.475	23.98	PASS
142	5710 (U-NII 3)	2.62	4.61	6.74	4.722	30	PASS
151	5755	11.59	13.85	15.88	38.717	30	PASS
159	5795	9.06	10.69	12.96	19.791	30	PASS

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802.11ac_VHT20_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		Ch0	Ch1				
52	5260	11.45	13.99	15.91	38.987	23.49	PASS
60	5300	8.43	10.99	12.90	19.508	23.49	PASS
64	5320	8.40	11.02	12.91	19.547	23.49	PASS
100	5500	8.74	10.80	12.90	19.486	23.49	PASS
116	5580	11.77	13.43	15.68	37.025	23.49	PASS
136	5680	11.85	13.50	15.76	37.662	23.49	PASS
140	5700	8.84	10.69	12.87	19.359	23.49	PASS
144	5720(U-NII 2C)	10.41	12.18	14.39	27.498	22.42	PASS
144	5720 (U-NII 3)	6.02	7.75	9.98	9.953	30	PASS
149	5745	11.58	13.80	15.84	38.340	30	PASS
157	5785	11.62	13.73	15.81	38.089	30	PASS
165	5825	9.17	10.49	12.89	19.436	30	PASS

802.11ac_VHT40_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		Ch0	Ch1				
54	5270	12.47	13.28	15.90	38.904	23.98	PASS
62	5310	5.34	7.84	9.77	9.492	23.98	PASS
102	5510	7.46	9.92	11.87	15.375	23.98	PASS
110	5550	11.70	13.73	15.84	38.359	23.98	PASS
134	5670	9.86	11.59	13.82	24.081	23.98	PASS
142	5710(U-NII 2C)	10.98	13.15	15.21	33.187	23.98	PASS
142	5710 (U-NII 3)	2.59	4.58	6.70	4.682	30	PASS
151	5755	11.54	13.77	15.80	38.043	30	PASS
159	5795	9.01	10.60	12.88	19.425	30	PASS

802.11ac_VHT80_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		Ch0	Ch1				
58	5290	3.98	7.17	8.88	7.719	23.98	PASS
106	5530	5.49	7.90	9.87	9.714	23.98	PASS
122	5610	11.95	13.51	15.81	38.138	23.98	PASS
138	5690 (U-NII 2C)	11.55	13.34	15.55	35.865	23.98	PASS
138	5690 (U-NII 3)	0.38	1.68	4.09	2.563	30	PASS
155	5775	9.15	10.65	12.98	19.853	30	PASS

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802.11ax_HE20_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			Ch0	Ch1				
52	5260	full	9.21	11.93	13.79	23.929	23.79	PASS
60	5300	full	6.03	9.24	10.93	12.401	23.8	PASS
64	5320	full	6.05	9.10	10.85	12.154	23.78	PASS
		26/8	6.31	9.17	10.98	12.534	23.78	PASS
		52/40	6.13	9.19	10.93	12.399	23.78	PASS
		106/54	6.19	9.24	10.99	12.552	23.78	PASS
100	5500	full	6.60	8.77	10.83	12.103	23.79	PASS
		26/0	6.70	8.67	10.81	12.038	23.79	PASS
		52/37	6.70	8.79	10.88	12.244	23.79	PASS
		106/53	6.72	8.91	10.96	12.477	23.79	PASS
116	5580	full	9.81	11.52	13.76	23.759	23.8	PASS
136	5680	full	10.11	11.53	13.89	24.476	23.79	PASS
		26/8	9.89	11.49	13.77	23.839	23.79	PASS
		52/40	9.94	11.51	13.81	24.017	23.79	PASS
		106/54	9.92	11.44	13.76	23.745	23.79	PASS
140	5700	full	3.24	4.43	6.89	4.881	23.79	PASS
		26/8	3.16	4.40	6.83	4.824	23.79	PASS
		52/40	3.05	4.51	6.85	4.842	23.79	PASS
		106/54	3.27	4.55	6.97	4.973	23.79	PASS
144	5720(U-NII 2C)	full	8.75	10.17	12.53	17.908	22.62	PASS
		26/0	10.02	11.41	13.78	23.878	22.62	PASS
		52/37	9.97	11.53	13.83	24.151	22.62	PASS
		106/53	10.12	11.55	13.90	24.565	22.62	PASS
144	5720 (U-NII 3)	full	4.39	5.93	8.24	6.667	30	PASS
149	5745	full	9.85	11.75	13.91	24.619	30	PASS
		26/0	9.97	11.71	13.94	24.753	30	PASS
		52/37	10.04	11.75	13.99	25.051	30	PASS
		106/53	10.00	11.74	13.97	24.924	30	PASS
157	5785	full	10.04	11.65	13.93	24.710	30	PASS
165	5825	full	7.20	8.41	10.86	12.180	30	PASS
		26/8	7.11	8.46	10.85	12.153	30	PASS
		52/40	7.24	8.58	10.97	12.506	30	PASS
		106/54	7.19	8.44	10.87	12.216	30	PASS

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802.11ax_HE40_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			Ch0	Ch1				
54	5270	full	9.24	12.23	13.99	25.090	23.98	PASS
62	5310	full	5.10	8.27	9.98	9.944	23.98	PASS
		242/62	6.17	9.13	10.91	12.317	23.98	PASS
102	5510	full	5.45	8.06	9.96	9.899	23.98	PASS
		242/61	6.41	9.02	10.92	12.347	23.98	PASS
110	5550	full	9.66	11.91	13.94	24.755	23.98	PASS
134	5670	full	9.86	11.84	13.97	24.943	23.98	PASS
		242/62	9.80	11.90	13.98	25.023	23.98	PASS
142	5710(U-NII 2C)	full	9.06	11.02	13.16	20.710	23.98	PASS
		242/61	9.73	11.72	13.85	24.241	23.98	PASS
142	5710 (U-NII 3)	full	0.52	2.91	4.89	3.080	30	PASS
151	5755	full	9.87	11.85	13.98	25.000	30	PASS
		242/61	9.43	12.07	13.96	24.861	30	PASS
159	5795	full	6.92	8.67	10.89	12.275	30	PASS
		242/62	6.57	8.96	10.93	12.402	30	PASS

802.11ax_HE80_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			Ch0	Ch1				
58	5290	full	4.06	7.28	8.97	7.888	23.98	PASS
		484/66	5.04	7.92	9.72	9.380	23.98	PASS
106	5530	full	5.17	6.57	8.93	7.823	23.98	PASS
		484/65	5.44	7.93	9.87	9.702	23.98	PASS
122	5610	full	9.93	11.73	13.93	24.718	23.98	PASS
		484/66	9.84	11.87	13.98	25.004	23.98	PASS
138	5690(U-NII 2C)	full	9.85	11.22	13.60	22.893	23.98	PASS
		484/65	10.02	11.76	13.98	25.027	23.98	PASS
		484/66	10.02	11.77	13.99	25.062	23.98	PASS
138	5690 (U-NII 3)	full	-1.47	0.18	2.44	1.756	30	PASS
155	5775	full	6.97	8.73	10.95	12.434	30	PASS
		484/65	6.81	8.86	10.96	12.481	30	PASS
		484/66	6.91	8.82	10.98	12.522	30	PASS

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EIRP

802.11a_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.97	4.00	16.97	49.774	22.18	PASS
44	5220	12.99	4.00	16.99	50.003	22.19	PASS
48	5240	12.84	4.00	16.84	48.306	22.18	PASS
52	5260	17.92	4.00	21.92	155.597	29.19	PASS
60	5300	14.96	4.00	18.96	78.705	29.19	PASS
64	5320	14.98	4.00	18.98	79.068	29.19	PASS
100	5500	14.67	4.00	18.67	73.621	29.19	PASS
116	5580	17.86	4.00	21.86	153.462	29.19	PASS
136	5680	17.83	4.00	21.83	152.405	29.2	PASS
140	5700	13.60	4.00	17.60	57.544	29.18	PASS

802.11n_HT20_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.95	4.00	16.95	49.545	22.48	PASS
44	5220	12.97	4.00	16.97	49.774	22.48	PASS
48	5240	12.88	4.00	16.88	48.753	22.48	PASS
52	5260	15.96	4.00	19.96	99.083	29.49	PASS
60	5300	12.94	4.00	16.94	49.431	29.49	PASS
64	5320	12.97	4.00	16.97	49.774	29.49	PASS
100	5500	12.98	4.00	16.98	49.888	29.49	PASS
116	5580	15.73	4.00	19.73	93.972	29.49	PASS
136	5680	15.80	4.00	19.80	95.499	29.49	PASS
140	5700	12.95	4.00	16.95	49.545	29.49	PASS

802.11n_HT40_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	12.99	4.00	16.99	50.003	23.01	PASS
46	5230	15.91	4.00	19.91	97.949	23.01	PASS
54	5270	15.96	4.00	19.96	99.083	30	PASS
62	5310	10.52	4.00	14.52	28.314	30	PASS
102	5510	11.93	4.00	15.93	39.174	30	PASS
110	5550	15.90	4.00	19.90	97.724	30	PASS
134	5670	15.89	4.00	19.89	97.499	30	PASS

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802.11ac_VHT20_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.91	4.00	16.91	49.091	22.48	PASS
44	5220	12.91	4.00	16.91	49.091	22.48	PASS
48	5240	12.83	4.00	16.83	48.195	22.48	PASS
52	5260	15.91	4.00	19.91	97.949	29.49	PASS
60	5300	12.90	4.00	16.90	48.978	29.49	PASS
64	5320	12.91	4.00	16.91	49.091	29.49	PASS
100	5500	12.90	4.00	16.90	48.978	29.49	PASS
116	5580	15.68	4.00	19.68	92.897	29.49	PASS
136	5680	15.76	4.00	19.76	94.624	29.49	PASS
140	5700	12.87	4.00	16.87	48.641	29.49	PASS

802.11ac_VHT40_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	12.91	4.00	16.91	49.091	23.01	PASS
46	5230	15.87	4.00	19.87	97.051	23.01	PASS
54	5270	15.90	4.00	19.90	97.724	30	PASS
62	5310	9.77	4.00	13.77	23.823	30	PASS
102	5510	11.87	4.00	15.87	38.637	30	PASS
110	5550	15.84	4.00	19.84	96.383	30	PASS
134	5670	13.82	4.00	17.82	60.534	30	PASS

802.11ac_VHT80_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	12.79	4.00	16.79	47.753	23.01	PASS
58	5290	8.88	4.00	12.88	19.409	30	PASS
106	5530	9.87	4.00	13.87	24.378	30	PASS

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802.11ax_HE20_2TX

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	full	10.90	4.00	14.90	30.903	23.01	PASS
		26/0	5.94	4.00	9.94	9.863	23.01	PASS
		52/37	8.73	4.00	12.73	18.750	23.01	PASS
		106/53	10.76	4.00	14.76	29.923	23.01	PASS
44	5220	full	13.90	4.00	17.90	61.660	23.01	PASS
48	5240	full	13.89	4.00	17.89	61.518	23.01	PASS
52	5260	full	13.79	4.00	17.79	60.117	30	PASS
60	5300	full	10.93	4.00	14.93	31.117	29.8	PASS
64	5320	full	10.85	4.00	14.85	30.549	29.78	PASS
		26/8	10.98	4.00	14.98	31.477	29.78	PASS
		52/40	10.93	4.00	14.93	31.117	29.78	PASS
		106/54	10.99	4.00	14.99	31.550	29.78	PASS
100	5500	full	10.83	4.00	14.83	30.409	29.79	PASS
		26/0	10.81	4.00	14.81	30.269	29.79	PASS
		52/37	10.88	4.00	14.88	30.761	29.79	PASS
		106/53	10.96	4.00	14.96	31.333	29.79	PASS
116	5580	full	13.76	4.00	17.76	59.704	29.8	PASS
136	5680	full	13.89	4.00	17.89	61.518	29.79	PASS
		26/8	13.77	4.00	17.77	59.841	29.79	PASS
		52/40	13.81	4.00	17.81	60.395	29.79	PASS
		106/54	13.76	4.00	17.76	59.704	29.79	PASS
140	5700	full	6.89	4.00	10.89	12.274	29.79	PASS
		26/8	6.83	4.00	10.83	12.106	29.79	PASS
		52/40	6.85	4.00	10.85	12.162	29.79	PASS
		106/54	6.97	4.00	10.97	12.503	29.79	PASS

802.11ax_HE40_2TX

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	full	10.90	4.00	14.90	30.903	23.01	PASS
		242/61	10.84	4.00	14.84	30.479	23.01	PASS
46	5230	full	13.98	4.00	17.98	62.806	23.01	PASS
54	5270	full	13.99	4.00	17.99	62.951	25.74	PASS
62	5310	full	9.98	4.00	13.98	25.003	25.74	PASS
		242/62	10.91	4.00	14.91	30.974	25.74	PASS
102	5510	full	9.96	4.00	13.96	24.889	25.74	PASS
		242/61	10.92	4.00	14.92	31.046	25.74	PASS
110	5550	full	13.94	4.00	17.94	62.230	25.74	PASS
134	5670	full	13.97	4.00	17.97	62.661	25.75	PASS
		242/62	13.98	4.00	17.98	62.806	25.75	PASS

802.11ax_HE80_2TX

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	10.98	4.00	14.98	31.477	23.01	PASS
		484/65	10.82	4.00	14.82	30.339	23.01	PASS
58	5290	full	8.97	4.00	12.97	19.815	28.86	PASS
		484/66	9.72	4.00	13.72	23.550	28.86	PASS
106	5530	full	8.93	4.00	12.93	19.634	28.86	PASS
		484/65	9.87	4.00	13.87	24.378	28.86	PASS

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10 MAXIMUM POWER SPECTRAL DENSITY

10.1 Standard Applicable

Operation Bands	EUT CATEGORY		e-CRF Title 47 §15.407 Power Spectral Density	Antenna Directional Gain Requirements
U-NII-1		Outdoor Access Point (Master)	1. 17dBm/ MHz 2. EIRP<=125mW(21dBm) at any elevation angle > 30°	6dBi
	V	Indoor Access Point (Master)	17dBm / MHz	6dBi
		Fixed point-to-point Access Point	17dBm / MHz	23dBi
	V	Client device	11dBm / MHz	6dBi
U-NII-2A	V	All	11dBm / MHz	6dBi
U-NII-2C	V	All	11dBm / MHz	6dBi
U-NII-3	V	All	30dBm / 500kHz	6dBi
U-NII-4		Indoor AP	20dBm / MHz e.i.r.p.	Not required
		indoor client	14dBm / MHz e.i.r.p.	Not required
		subordinate device	20dBm / MHz e.i.r.p.	Not required
If transmitting antennas of directional gain greater than the antenna requirements column, the Maximum transmit power shall be reduced by the amount in dB that the directional gain of the antenna.				

Note: Other is the worst case in the report.

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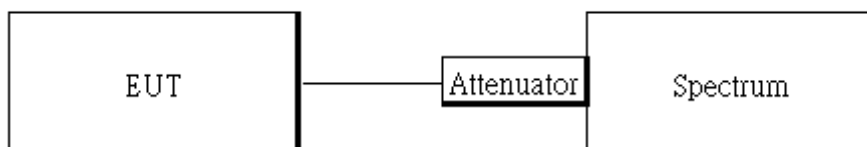
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FREQUENCY BAND (MHz)	EUT CATEGORY		RSS-247 §6.2.1~6.2.4	
			EIRP Density	Power Density
5150~5250		OEM devices installed in vehicles	N/A	N/A
	V	Other device	10 dBm/MHz	N/A
5250~5350		OEM devices installed in vehicles	N/A	N/A
	V	Other device	N/A	11 dBm/MHz
5725~5850	V	All	N/A	30 dBm/500kHz

For equipment operating in the band 5725-5850 MHz, If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum transmit power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

10.2 Test Setup



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10.3 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. **For U-NII1, U-NII-2A, U-NII-2C Band:**
Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (1001 pts), Detector = power averaging (rms), if available. Otherwise, use sample detector mode, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
For U-NII-3 Band:
Set RBW=300kHz, VBW=1MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto, detector = RMS or sample, traces 100 sweeps of video averaging. In addition, measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log (500 kHz/RBW) to the measured result.
5. Use the cursor on spectrum to peak search the highest level of trace
6. Record the max. reading and add 10 log(1/duty cycle).
7. Repeat above procedures until all default test channel (low, middle, and high) was complete.

Note: For the test of PSD at MIMO mode, the highest emission of worst case employing Measure and add 10 log (N) technical is reported after the comparison between Main Antenna at single transmitting mode and Aux that yields the higher value. The MIMO transmitting mode produces higher value of outcome.

Note:

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k} = / 20 \log G_k$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

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10.4 Measurement Result

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POWER DENSITY 802.11a MODE						
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	4.055	0.29	4.35		11.00 dBm/MHz	-6.66
5220	7.020	0.29	7.31		11.00 dBm/MHz	-3.69
5240	7.199	0.29	7.49		11.00 dBm/MHz	-3.51
POWER DENSITY 802.11a MODE						
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5260	7.266	0.29	7.56		11.00 dBm/MHz	-3.44
5300	3.663	0.29	3.95		11.00 dBm/MHz	-7.05
5320	3.908	0.29	4.20		11.00 dBm/MHz	-6.80
5500	3.586	0.29	3.88		11.00 dBm/MHz	-7.12
5580	6.279	0.29	6.57		11.00 dBm/MHz	-4.43
5680	6.380	0.29	6.67		11.00 dBm/MHz	-4.33
5700	0.594	0.29	0.88		11.00 dBm/MHz	-10.12
5720 (U-NII 2C)	6.538	0.29	6.83		11.00 dBm/MHz	-4.17
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-0.411	0.29	2.22	2.10	30.00 dBm/500kHz	-27.90
5745	2.703	0.29	2.22	5.21	30.00 dBm/500kHz	-24.79
5785	2.777	0.29	2.22	5.29	30.00 dBm/500kHz	-24.71
5825	-0.304	0.29	2.22	2.21	30.00 dBm/500kHz	-27.79

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POWER DENSITY 802.11n HT20 MODE						
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	1.809	0.31	2.12		11.00 dBm/MHz	-8.88
5220	5.156	0.31	5.47		11.00 dBm/MHz	-5.53
5240	4.612	0.31	4.92		11.00 dBm/MHz	-6.08
POWER DENSITY 802.11n HT20 MODE						
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5260	4.387	0.31	4.70		11.00 dBm/MHz	-6.30
5300	1.009	0.31	1.32		11.00 dBm/MHz	-9.68
5320	0.978	0.31	1.29		11.00 dBm/MHz	-9.71
5500	0.334	0.31	0.64		11.00 dBm/MHz	-10.36
5580	3.667	0.31	3.98		11.00 dBm/MHz	-7.02
5680	4.915	0.31	5.23		11.00 dBm/MHz	-5.78
5700	-1.230	0.31	-0.92		11.00 dBm/MHz	-11.92
5720 (U-NII 2C)	4.998	0.31	5.31		11.00 dBm/MHz	-5.69
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-2.134	0.31	2.22	0.40	30.00 dBm/500kHz	-29.60
5745	-0.574	0.31	2.22	1.96	30.00 dBm/500kHz	-28.04
5785	0.150	0.31	2.22	2.68	30.00 dBm/500kHz	-27.32
5825	-2.899	0.31	2.22	-0.37	30.00 dBm/500kHz	-30.37

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POWER DENSITY 802.11n HT40 MODE						
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	-0.439	0.31	-0.13		11.00 dBm/MHz	-11.13
5230	1.972	0.31	2.28		11.00 dBm/MHz	-8.72
POWER DENSITY 802.11n HT40 MODE						
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5270	1.321	0.31	1.63		11.00 dBm/MHz	-9.37
5310	-1.760	0.31	-1.45		11.00 dBm/MHz	-12.45
5510	-2.650	0.31	-2.34		11.00 dBm/MHz	-13.34
5550	1.152	0.31	1.46		11.00 dBm/MHz	-9.54
5670	1.875	0.31	2.19		11.00 dBm/MHz	-8.82
5710 (U-NII 2C)	2.150	0.31	2.46		11.00 dBm/MHz	-8.54
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-6.374	0.31	2.22	-3.84	30.00 dBm/500kHz	-33.84
5755	-3.111	0.31	2.22	-0.58	30.00 dBm/500kHz	-30.58
5795	-5.868	0.31	2.22	-3.34	30.00 dBm/500kHz	-33.34
POWER DENSITY 802.11ac VHT80 MODE						
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	-4.615	1.14	-3.48		11.00 dBm/MHz	-14.48
POWER DENSITY 802.11ac VHT80 MODE						
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5290	-5.210	1.14	-4.07		11.00 dBm/MHz	-15.07
5530	-6.410	1.14	-5.27		11.00 dBm/MHz	-16.27
5610	-2.574	1.14	-1.43		11.00 dBm/MHz	-12.43
5690 (U-NII 2C)	-1.599	1.14	-0.46		11.00 dBm/MHz	-11.46
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	-9.733	1.14	2.22	-6.37	30.00 dBm/500kHz	-36.37
5775	-9.072	1.14	2.22	-5.71	30.00 dBm/500kHz	-35.71

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POWER DENSITY 802.11ax HE20 MODE							
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	full	-1.457	0.00	-1.46		11.00 dBm/MHz	-12.46
	26/0	8.080	0.00	8.08		11.00 dBm/MHz	-2.92
	52/37	5.236	0.00	5.24		11.00 dBm/MHz	-5.76
	106/53	1.998	0.00	2.00		11.00 dBm/MHz	-9.00
5220	full	1.370	0.00	1.37		11.00 dBm/MHz	-9.63
5240	full	1.416	0.00	1.42		11.00 dBm/MHz	-9.58
POWER DENSITY 802.11ax HE20 MODE							
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5260	full	1.736	0.00	1.74		11.00 dBm/MHz	-9.26
5300	full	-1.862	0.00	-1.86		11.00 dBm/MHz	-12.86
5320	full	-2.034	0.00	-2.03		11.00 dBm/MHz	-13.03
	26/8	6.838	0.00	6.84		11.00 dBm/MHz	-4.16
	52/40	4.172	0.00	4.17		11.00 dBm/MHz	-6.83
	106/54	1.462	0.00	1.46		11.00 dBm/MHz	-9.54
5500	full	-2.616	0.00	-2.62		11.00 dBm/MHz	-13.62
	26/0	6.376	0.00	6.38		11.00 dBm/MHz	-4.62
	52/37	3.333	0.00	3.33		11.00 dBm/MHz	-7.67
	106/53	0.827	0.00	0.83		11.00 dBm/MHz	-10.17
5580	full	1.136	0.00	1.14		11.00 dBm/MHz	-9.86
5680	full	1.478	0.00	1.48		11.00 dBm/MHz	-9.52
	26/8	10.741	0.00	10.74		11.00 dBm/MHz	-0.26
	52/40	7.803	0.00	7.80		11.00 dBm/MHz	-3.20
	106/54	4.878	0.00	4.88		11.00 dBm/MHz	-6.12
5700	full	-5.101	0.00	-5.10		11.00 dBm/MHz	-16.10
	26/8	4.039	0.00	4.04		11.00 dBm/MHz	-6.96
	52/40	1.012	0.00	1.01		11.00 dBm/MHz	-9.99
	106/54	-1.907	0.00	-1.91		11.00 dBm/MHz	-12.91
5720 (U-NII 2C)	full	1.924	0.00	1.92		11.00 dBm/MHz	-9.08
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	full	-3.519	0.00	2.22	-1.30	30.00 dBm/500kHz	-31.30
5745	full	-3.579	0.00	2.22	-1.36	30.00 dBm/500kHz	-31.36
	26/0	5.619	0.00	2.22	7.84	30.00 dBm/500kHz	-22.16
	52/37	2.994	0.00	2.22	5.21	30.00 dBm/500kHz	-24.79
	106/53	0.307	0.00	2.22	2.53	30.00 dBm/500kHz	-27.47
5785	full	-3.184	0.00	2.22	-0.96	30.00 dBm/500kHz	-30.96
5825	full	-6.187	0.00	2.22	-3.97	30.00 dBm/500kHz	-33.97
	26/8	2.419	0.00	2.22	4.64	30.00 dBm/500kHz	-25.36
	52/40	0.073	0.00	2.22	2.29	30.00 dBm/500kHz	-27.71
	106/54	-2.682	0.00	2.22	-0.46	30.00 dBm/500kHz	-30.46

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POWER DENSITY 802.11ax HE40 MODE							
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	full	-4.486	0.00	-4.49		11.00 dBm/MHz	-15.49
	242/61	-1.116	0.00	-1.12		11.00 dBm/MHz	-12.12
5230	full	-0.891	0.00	-0.89		11.00 dBm/MHz	-11.89
POWER DENSITY 802.11ax HE40 MODE							
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5270	full	-1.127	0.00	-1.13		11.00 dBm/MHz	-12.13
5310	full	-4.975	0.00	-4.98		11.00 dBm/MHz	-15.98
	242/62	-1.800	0.00	-1.80		11.00 dBm/MHz	-12.80
5510	full	-5.433	0.00	-5.43		11.00 dBm/MHz	-16.43
	242/61	-2.509	0.00	-2.51		11.00 dBm/MHz	-13.51
5550	full	-2.185	0.00	-2.19		11.00 dBm/MHz	-13.19
5670	full	-1.309	0.00	-1.31		11.00 dBm/MHz	-12.31
	242/62	1.668	0.00	1.67		11.00 dBm/MHz	-9.33
5710 (U-NII 2C)	full	-1.040	0.00	-1.04		11.00 dBm/MHz	-12.04
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	full	-7.248	0.00	2.22	-5.03	30.00 dBm/500kHz	-35.03
5755	full	-5.996	0.00	2.22	-3.78	30.00 dBm/500kHz	-33.78
	242/61	-3.360	0.00	2.22	-1.14	30.00 dBm/500kHz	-31.14
5795	full	-9.005	0.00	2.22	-6.79	30.00 dBm/500kHz	-36.79
	242/62	-5.842	0.00	2.22	-3.62	30.00 dBm/500kHz	-33.62

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POWER DENSITY 802.11ax HE80 MODE							
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	full	-7.060	0.00	-7.06		11.00 dBm/MHz	-18.06
	484/65	-4.016	0.00	-4.02		11.00 dBm/MHz	-15.02
POWER DENSITY 802.11ax HE80 MODE							
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5290	full	-7.496	0.00	-7.50		11.00 dBm/MHz	-18.50
	484/66	-4.303	0.00	-4.30		11.00 dBm/MHz	-15.30
5530	full	-8.332	0.00	-8.33		11.00 dBm/MHz	-19.33
	484/65	-4.714	0.00	-4.71		11.00 dBm/MHz	-15.71
5610	full	-4.658	0.00	-4.66		11.00 dBm/MHz	-15.66
	484/66	-1.285	0.00	-1.29		11.00 dBm/MHz	-12.29
5690 (U-NII 2C)	full	-3.872	0.00	-3.87		11.00 dBm/MHz	-14.87
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	full	-10.247	0.00	2.22	-8.03	30.00 dBm/500kHz	-38.03
5775	full	-12.207	0.00	2.22	-9.99	30.00 dBm/500kHz	-39.99
	484/65	-8.947	0.00	2.22	-6.73	30.00 dBm/500kHz	-36.73
	484/66	-8.681	0.00	2.22	-6.46	30.00 dBm/500kHz	-36.46

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POWER DENSITY 802.11a MODE							
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	-0.116	2.168	0.29	4.47		9.99 dBm/MHz	-5.52
5220	2.571	5.113	0.29	7.33		9.99 dBm/MHz	-2.66
5240	2.407	4.841	0.29	7.09		9.99 dBm/MHz	-2.90
5260	1.628	4.867	0.29	6.84		9.99 dBm/MHz	-3.15
5300	-1.375	1.645	0.29	3.69		9.99 dBm/MHz	-6.30
5320	-1.273	1.762	0.29	3.80		9.99 dBm/MHz	-6.19
5500	-1.584	-0.218	0.29	2.45		9.99 dBm/MHz	-7.54
5580	1.921	3.945	0.29	6.35		9.99 dBm/MHz	-3.64
5680	2.920	4.558	0.29	7.12		9.99 dBm/MHz	-2.87
5700	-5.579	-3.610	0.29	-1.18		9.99 dBm/MHz	-11.17
5720 (U-NII 2C)	2.933	4.673	0.29	7.19		9.99 dBm/MHz	-2.80
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-4.317	-2.486	0.29	2.22	2.21	28.99 dBm/500kHz	-26.78
5745	-2.637	0.088	0.29	2.22	4.46	28.99 dBm/500kHz	-24.53
5785	-2.044	0.014	0.29	2.22	4.63	28.99 dBm/500kHz	-24.36
5825	-4.731	-3.121	0.29	2.22	1.67	28.99 dBm/500kHz	-27.32
POWER DENSITY 802.11n HT20 MODE							
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	-2.696	0.377	0.31	2.43		9.99 dBm/MHz	-7.56
5220	0.304	2.891	0.31	5.11		9.99 dBm/MHz	-4.88
5240	0.448	3.012	0.31	5.24		9.99 dBm/MHz	-4.75
5260	-0.121	2.821	0.31	4.91		9.99 dBm/MHz	-5.08
5300	-3.028	0.217	0.31	2.21		9.99 dBm/MHz	-7.78
5320	-3.097	-0.490	0.31	1.72		9.99 dBm/MHz	-8.27
5500	-3.768	-1.190	0.31	1.03		9.99 dBm/MHz	-8.96
5580	0.078	1.797	0.31	4.34		9.99 dBm/MHz	-5.65
5680	0.678	2.751	0.31	5.16		9.99 dBm/MHz	-4.83
5700	-6.091	-3.783	0.31	-1.47		9.99 dBm/MHz	-11.46
5720 (U-NII 2C)	0.762	2.531	0.31	5.06		9.99 dBm/MHz	-4.93
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-6.574	-4.860	0.31	2.22	-0.09	28.99 dBm/500kHz	-29.08
5745	-4.322	-2.244	0.31	2.22	2.38	28.99 dBm/500kHz	-26.61
5785	-4.107	-2.301	0.31	2.22	2.43	28.99 dBm/500kHz	-26.56
5825	-6.999	-5.119	0.31	2.22	-0.42	28.99 dBm/500kHz	-29.41

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POWER DENSITY 802.11n HT40 MODE							
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	-5.545	-3.018	0.31	-0.78		9.99 dBm/MHz	-10.77
5230	-2.519	-0.151	0.31	2.14		9.99 dBm/MHz	-7.85
5270	-3.751	-0.741	0.31	1.33		9.99 dBm/MHz	-8.66
5310	-6.512	-3.100	0.31	-1.16		9.99 dBm/MHz	-11.15
5510	-6.892	-4.467	0.31	-2.19		9.99 dBm/MHz	-12.18
5550	-3.405	-0.937	0.31	1.32		9.99 dBm/MHz	-8.67
5670	-2.347	-0.327	0.31	2.10		9.99 dBm/MHz	-7.89
5710 (U-NII 2C)	-2.663	-0.433	0.31	1.91		9.99 dBm/MHz	-8.08
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-10.647	-8.743	0.31	2.22	-4.05	28.99 dBm/500kHz	-33.04
5755	-7.421	-5.535	0.31	2.22	-0.84	28.99 dBm/500kHz	-29.83
5795	-9.797	-8.340	0.31	2.22	-3.47	28.99 dBm/500kHz	-32.46
POWER DENSITY 802.11ac VHT80 MODE							
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	-9.668	-6.498	1.14	-3.65		9.99 dBm/MHz	-13.64
5290	-10.063	-7.471	1.14	-4.43		9.99 dBm/MHz	-14.42
5530	-10.342	-8.206	1.14	-4.99		9.99 dBm/MHz	-14.98
5610	-6.416	-4.283	1.14	-1.07		9.99 dBm/MHz	-11.06
5690 (U-NII 2C)	-5.941	-4.112	1.14	-0.78		9.99 dBm/MHz	-10.77
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	-13.971	-12.066	1.14	2.22	-6.54	28.99 dBm/500kHz	-35.53
5775	-13.189	-11.926	1.14	2.22	-6.14	28.99 dBm/500kHz	-35.13

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Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	full	-6.157	-1.208	0.00	0.00		9.99 dBm/MHz	-9.99
	26/0	2.400	7.823	0.00	8.92		9.99 dBm/MHz	-1.07
	52/37	-0.035	3.263	0.00	4.93		9.99 dBm/MHz	-5.06
	106/53	-3.763	0.038	0.00	1.55		9.99 dBm/MHz	-8.44
5220	full	-2.951	-0.234	0.00	1.63		9.99 dBm/MHz	-8.36
5240	full	-3.079	-0.482	0.00	1.42		9.99 dBm/MHz	-8.57
5260	full	-3.232	-0.539	0.00	1.33		9.99 dBm/MHz	-8.66
5300	full	-4.450	-4.138	0.00	-1.28		9.99 dBm/MHz	-11.27
5320	full	-6.116	-4.097	0.00	-1.98		9.99 dBm/MHz	-11.97
	26/8	3.393	5.055	0.00	7.31		9.99 dBm/MHz	-2.68
	52/40	0.316	2.403	0.00	4.49		9.99 dBm/MHz	-5.50
	106/54	-1.770	-0.303	0.00	2.04		9.99 dBm/MHz	-7.95
5500	full	-5.652	-4.924	0.00	-2.26		9.99 dBm/MHz	-12.25
	26/0	2.748	3.873	0.00	6.36		9.99 dBm/MHz	-3.63
	52/37	-0.577	1.344	0.00	3.50		9.99 dBm/MHz	-6.49
	106/53	-2.190	-1.544	0.00	1.16		9.99 dBm/MHz	-8.83
5580	full	-3.186	-1.644	0.00	0.66		9.99 dBm/MHz	-9.33
5680	full	-1.978	-0.631	0.00	1.76		9.99 dBm/MHz	-8.23
	26/8	5.863	7.350	0.00	9.68		9.99 dBm/MHz	-0.31
	52/40	3.953	5.580	0.00	7.85		9.99 dBm/MHz	-2.14
	106/54	1.199	2.524	0.00	4.92		9.99 dBm/MHz	-5.07
5700	full	-8.630	-4.286	0.00	-2.93		9.99 dBm/MHz	-12.92
	26/8	0.020	4.656	0.00	5.94		9.99 dBm/MHz	-4.05
	52/40	-2.654	1.811	0.00	3.14		9.99 dBm/MHz	-6.85
	106/54	-5.237	-0.857	0.00	0.49		9.99 dBm/MHz	-9.50
5720 (U-NII 2C)	full	-2.072	-0.312	0.00	1.91		9.99 dBm/MHz	-8.08
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	full	-7.499	-5.707	0.00	2.22	-1.28	28.99 dBm/500kHz	-30.27
5745	full	-7.576	-5.378	0.00	2.22	-1.11	28.99 dBm/500kHz	-30.10
	26/0	1.433	3.781	0.00	2.22	7.99	28.99 dBm/500kHz	-21.00
	52/37	-1.133	0.682	0.00	2.22	5.10	28.99 dBm/500kHz	-23.89
	106/53	-3.607	-2.120	0.00	2.22	2.43	28.99 dBm/500kHz	-26.56
5785	full	-7.254	-5.506	0.00	2.22	-1.06	28.99 dBm/500kHz	-30.05
5825	full	-9.204	-8.318	0.00	2.22	-3.51	28.99 dBm/500kHz	-32.50
	26/8	0.000	0.135	0.00	2.22	5.30	28.99 dBm/500kHz	-23.69
	52/40	-3.798	-6.016	0.00	2.22	0.46	28.99 dBm/500kHz	-28.53
	106/54	-5.414	-5.119	0.00	2.22	-0.03	28.99 dBm/500kHz	-29.02

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POWER DENSITY 802.11ax HE40 MODE								
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	full	-10.041	-6.247	0.00	-4.73		9.99 dBm/MHz	-14.72
	242/61	-7.073	-3.166	0.00	-1.68		9.99 dBm/MHz	-11.67
5230	full	-5.797	-3.225	0.00	-1.31		9.99 dBm/MHz	-11.30
5270	full	-6.124	-3.312	0.00	-1.48		9.99 dBm/MHz	-11.47
5310	full	-7.666	-6.654	0.00	-4.12		9.99 dBm/MHz	-14.11
	242/62	-5.450	-4.039	0.00	-1.68		9.99 dBm/MHz	-11.67
5510	full	-9.167	-7.846	0.00	-5.45		9.99 dBm/MHz	-15.44
	242/61	-6.434	-4.828	0.00	-2.55		9.99 dBm/MHz	-12.54
5550	full	-6.481	-3.797	0.00	-1.92		9.99 dBm/MHz	-11.91
5670	full	-10.621	-6.024	0.00	-4.73		9.99 dBm/MHz	-14.72
	242/62	-2.403	-0.222	0.00	1.83		9.99 dBm/MHz	-8.16
5710 (U-NII 2C)	full	-5.346	-3.712	0.00	-1.44		9.99 dBm/MHz	-11.43
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	full	-11.720	-9.684	0.00	2.22	-5.35	28.99 dBm/500kHz	-34.34
5755	full	-10.193	-8.258	0.00	2.22	-3.89	28.99 dBm/500kHz	-32.88
	242/61	-7.641	-5.433	0.00	2.22	-1.17	28.99 dBm/500kHz	-30.16
5795	full	-12.186	-11.579	0.00	2.22	-6.64	28.99 dBm/500kHz	-35.63
	242/62	-9.002	-8.152	0.00	2.22	-3.33	28.99 dBm/500kHz	-32.32
POWER DENSITY 802.11ax HE80 MODE								
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	full	-12.271	-9.453	0.00	-7.63		9.99 dBm/MHz	-17.62
	484/65	-9.522	-6.078	0.00	-4.46		9.99 dBm/MHz	-14.45
5290	full	-10.058	-9.642	0.00	-6.83		9.99 dBm/MHz	-16.82
	484/66	-7.381	-6.513	0.00	-3.92		9.99 dBm/MHz	-13.91
5530	full	-12.822	-13.068	0.00	-9.93		9.99 dBm/MHz	-19.92
	484/65	-8.818	-7.278	0.00	-4.97		9.99 dBm/MHz	-14.96
5610	full	-8.651	-6.761	0.00	-4.59		9.99 dBm/MHz	-14.58
	484/66	-5.245	-3.696	0.00	-1.39		9.99 dBm/MHz	-11.38
5690 (U-NII 2C)	full	-8.043	-6.472	0.00	-4.18		9.99 dBm/MHz	-14.17
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	full	-14.498	-12.854	0.00	2.22	-8.37	28.99 dBm/500kHz	-37.36
5775	full	-15.512	-14.482	0.00	2.22	-9.74	28.99 dBm/500kHz	-38.73
	484/65	-12.722	-11.366	0.00	2.22	-6.76	28.99 dBm/500kHz	-35.75
	484/66	-12.143	-11.186	0.00	2.22	-6.41	28.99 dBm/500kHz	-35.40

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EIRP spectral density 802.11a MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	4.35	4.25	8.60	10	-1.40
5220	5.60	4.25	9.85	10	-0.15
5240	5.31	4.25	9.56	10	-0.44
EIRP spectral density 802.11n HT20 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	2.12	4.25	6.37	10	-3.63
5220	5.47	4.25	9.72	10	-0.28
5240	4.92	4.25	9.17	10	-0.83
EIRP spectral density 802.11n HT40 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5190	-0.13	4.25	4.12	10	-5.88
5230	2.28	4.25	6.53	10	-3.47
EIRP spectral density 802.11ac VHT80 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5210	-3.48	4.25	0.77	10	-9.23

Note:

PSD=Measurement PSD+Duty Factor

Duty Factor:802.11a=0.29(dB)

802.11n20=0.31(dB)

802.11n40=0.31(dB)

802.11ac80=1.14(dB)

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EIRP spectral density 802.11ax HE20 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	full	-1.46	4.25	2.79	10	-7.21
	26/0	5.70	4.25	9.95	10	-0.05
	52/37	5.24	4.25	9.49	10	-0.51
	106/53	2.00	4.25	6.25	10	-3.75
5220	full	1.37	4.25	5.62	10	-4.38
5240	full	1.42	4.25	5.67	10	-4.33
EIRP spectral density 802.11ax HE40 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5190	full	-4.49	4.25	-0.24	10	-10.24
	242/61	-1.12	4.25	3.13	10	-6.87
5230	full	-0.89	4.25	3.36	10	-6.64
EIRP spectral density 802.11ax HE80 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5210	full	-7.06	4.25	-2.81	10	-12.81
	484/65	-4.02	4.25	0.23	10	-9.77

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EIRP spectral density 802.11a MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	2.86	7.01	9.87	10	-0.13
5220	2.72	7.01	9.73	10	-0.27
5240	2.74	7.01	9.75	10	-0.25
EIRP spectral density 802.11n HT20 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	2.43	7.01	9.44	10	-0.56
5220	2.51	7.01	9.52	10	-0.48
5240	2.62	7.01	9.63	10	-0.37
EIRP spectral density 802.11n HT40 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5190	-0.78	7.01	6.23	10	-3.77
5230	2.14	7.01	9.15	10	-0.85
EIRP spectral density 802.11ac VHT80 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5210	-3.65	7.01	3.36	10	-6.64

Note:

PSD=Measurement PSD+Duty Factor

Duty Factor:802.11a=0.29(dB)

802.11n20=0.31(dB)

802.11n40=0.31(dB)

802.11ac80=1.14(dB)

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EIRP spectral density 802.11ax HE20 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	full	0.00	7.01	7.01	10	-2.99
	26/0	2.52	7.01	9.53	10	-0.47
	52/37	2.39	7.01	9.40	10	-0.60
	106/53	1.55	7.01	8.56	10	-1.44
5220	full	1.63	7.01	8.64	10	-1.36
5240	full	1.42	7.01	8.43	10	-1.57
EIRP spectral density 802.11ax HE40 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5190	full	-4.73	7.01	2.28	10	-7.72
	242/61	-1.68	7.01	5.33	10	-4.67
5230	full	-1.31	7.01	5.70	10	-4.30
EIRP spectral density 802.11ax HE80 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5210	full	-7.63	7.01	-0.62	10	-10.62
	484/65	-4.46	7.01	2.55	10	-7.45

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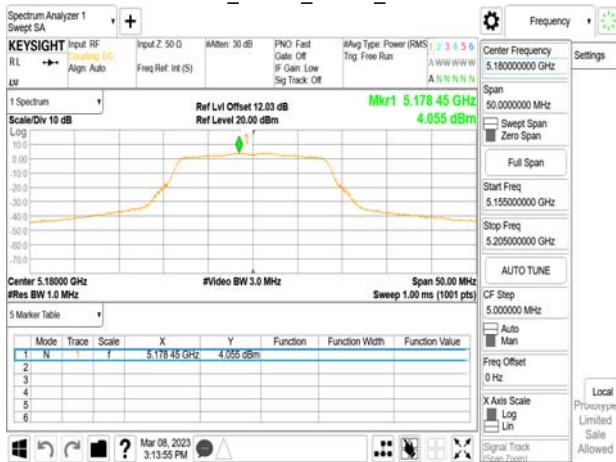
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802.11a_20MHz_Chain0_5180MHz



802.11a_20MHz_Chain0_5260MHz



802.11a_20MHz_Chain0_5220MHz



802.11a_20MHz_Chain0_5300MHz



802.11a_20MHz_Chain0_5240MHz



802.11a_20MHz_Chain0_5320MHz



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802.11a_20MHz_Chain0_5500MHz



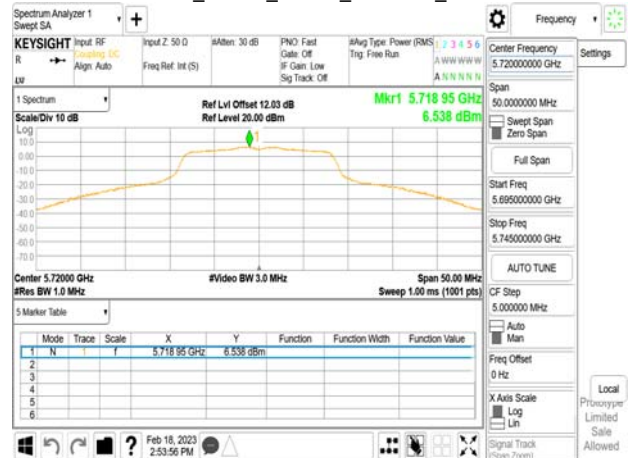
802.11a_20MHz_Chain0_5700MHz



802.11a_20MHz_Chain0_5580MHz



802.11a_20MHz_Chain0_5720MHz_UNII 2C



802.11a_20MHz_Chain0_5680MHz



802.11a_20MHz_Chain0_5720MHz_UNII 3

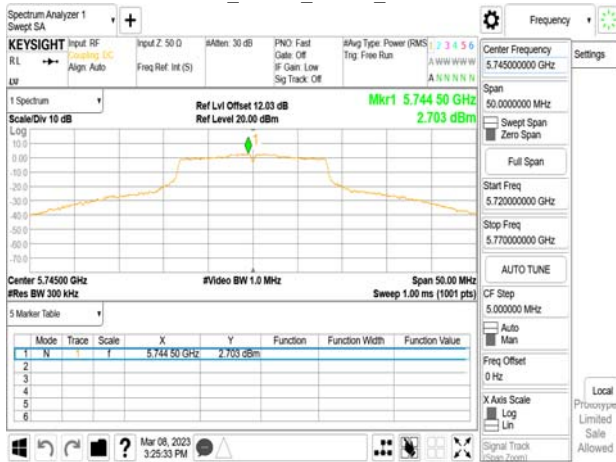


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802.11a_20MHz_Chain0_5745MHz



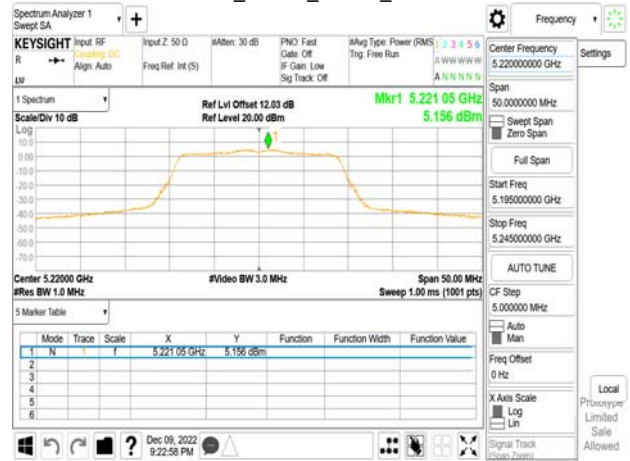
802.11n_20MHz_Chain0_5180MHz



802.11a_20MHz_Chain0_5785MHz



802.11n_20MHz_Chain0_5220MHz



802.11a_20MHz_Chain0_5825MHz



802.11n_20MHz_Chain0_5240MHz



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802.11n_20MHz_Chain0_5260MHz



802.11n_20MHz_Chain0_5500MHz



802.11n_20MHz_Chain0_5300MHz



802.11n_20MHz_Chain0_5580MHz



802.11n_20MHz_Chain0_5320MHz



802.11n_20MHz_Chain0_5680MHz

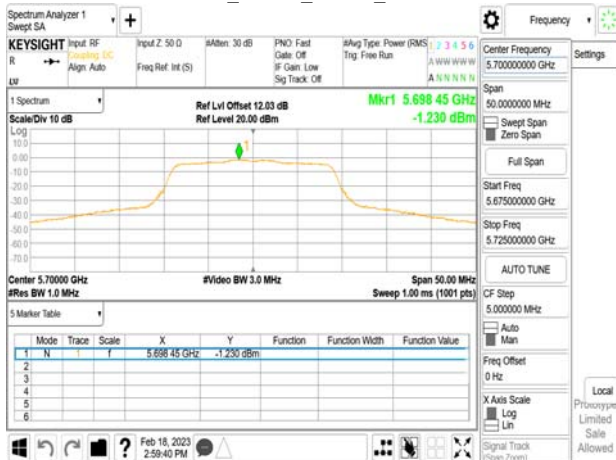


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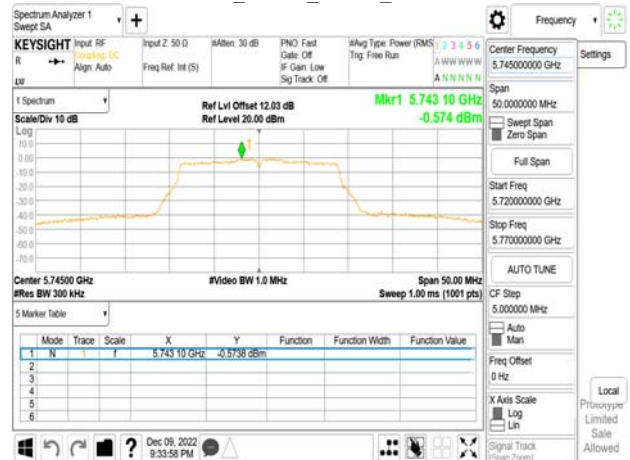
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802.11n_20MHz_Chain0_5700MHz



802.11n_20MHz_Chain0_5745MHz



802.11n_20MHz_Chain0_5720MHz_UNII 2C



802.11n_20MHz_Chain0_5785MHz



802.11n_20MHz_Chain0_5720MHz_UNII 3



802.11n_20MHz_Chain0_5825MHz

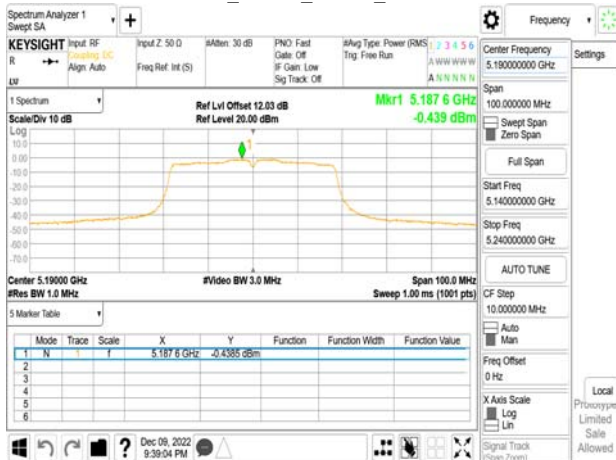


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802.11n_40MHz_Chain0_5190MHz



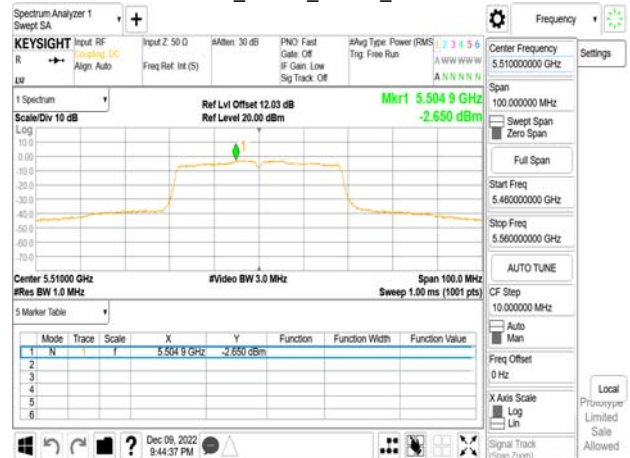
802.11n_40MHz_Chain0_5310MHz



802.11n_40MHz_Chain0_5230MHz



802.11n_40MHz_Chain0_5510MHz



802.11n_40MHz_Chain0_5270MHz



802.11n_40MHz_Chain0_5550MHz



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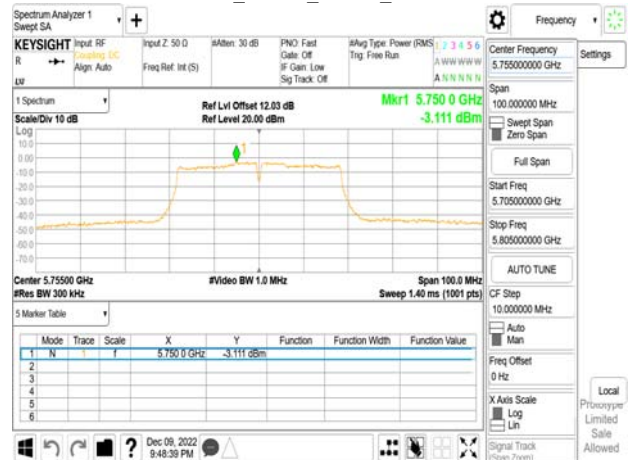
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802.11n_40MHz_Chain0_5670MHz



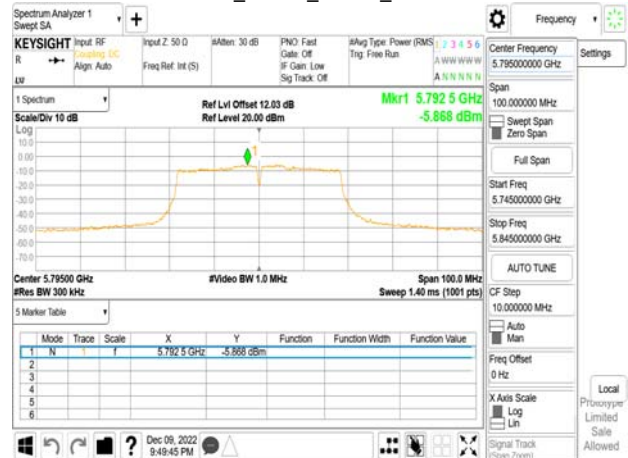
802.11n_40MHz_Chain0_5755MHz



802.11n_40MHz_Chain0_5710MHz_UNII 2C



802.11n_40MHz_Chain0_5795MHz



802.11n_40MHz_Chain0_5710MHz_UNII 3



802.11ac_80MHz_Chain0_5210MHz

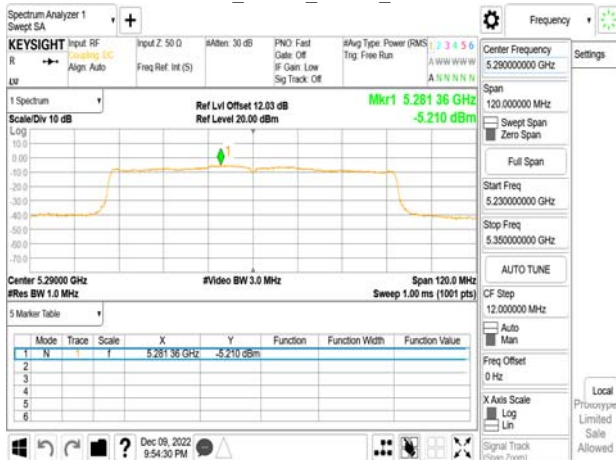


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802.11ac_80MHz_Chain0_5290MHz



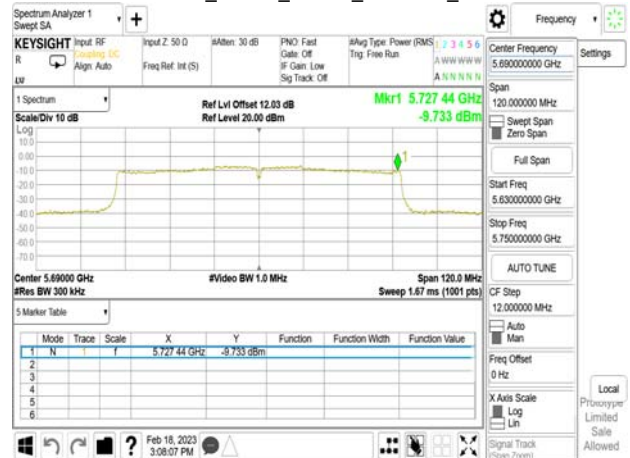
802.11ac_80MHz_Chain0_5690MHz_UNII 2C



802.11ac_80MHz_Chain0_5530MHz



802.11ac_80MHz_Chain0_5690MHz_UNII 3



802.11ac_80MHz_Chain0_5610MHz



802.11ac_80MHz_Chain0_5775MHz



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802.11ax_20MHz_Chain0_5180MHz



802.11ax_20MHz_Chain0_5180MHz_RU106_53



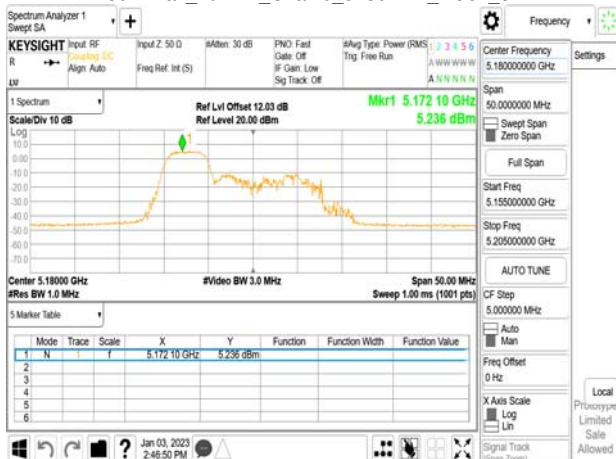
802.11ax_20MHz_Chain0_5180MHz_RU26_0



802.11ax_20MHz_Chain0_5220MHz



802.11ax_20MHz_Chain0_5180MHz_RU52_37



802.11ax_20MHz_Chain0_5240MHz



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802.11ax_20MHz_Chain0_5260MHz



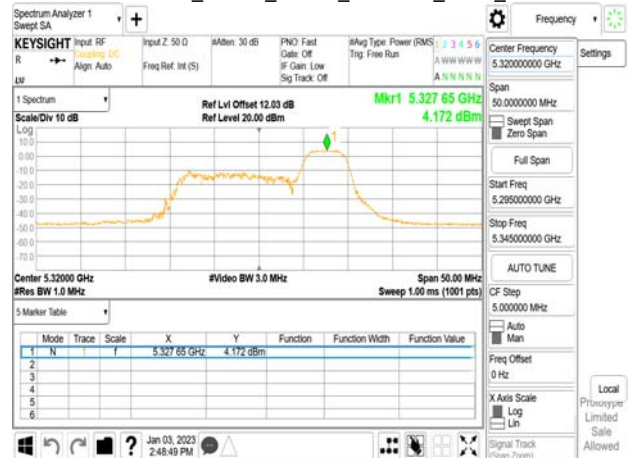
802.11ax_20MHz_Chain0_5320MHz_RU26_8



802.11ax_20MHz_Chain0_5300MHz



802.11ax_20MHz_Chain0_5320MHz_RU52_40



802.11ax_20MHz_Chain0_5320MHz



802.11ax_20MHz_Chain0_5320MHz_RU106_54



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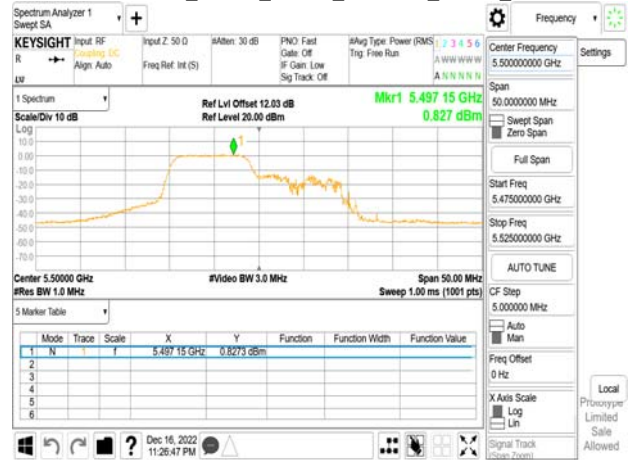
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802.11ax_20MHz_Chain0_5500MHz



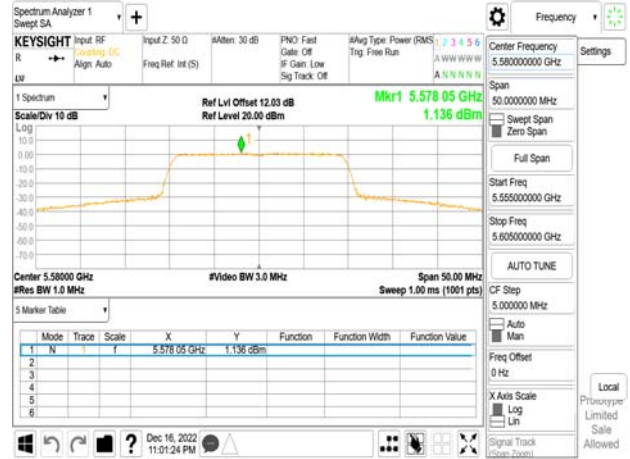
802.11ax_20MHz_Chain0_5500MHz_RU106_53



802.11ax_20MHz_Chain0_5500MHz_RU26_0



802.11ax_20MHz_Chain0_5580MHz



802.11ax_20MHz_Chain0_5500MHz_RU52_37



802.11ax_20MHz_Chain0_5680MHz



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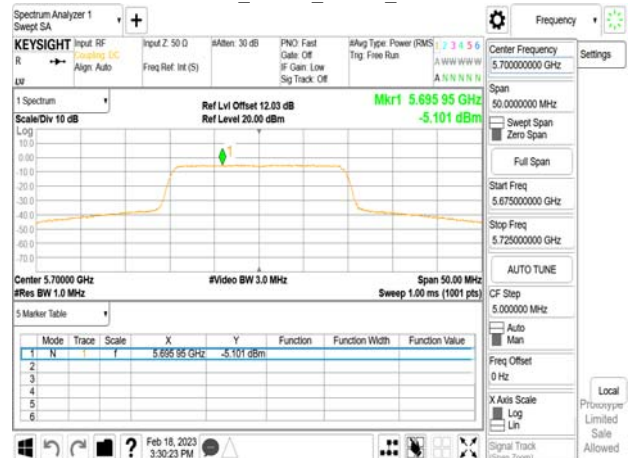
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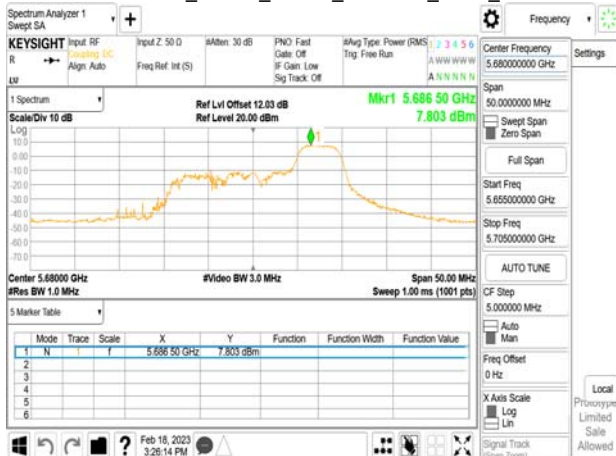
802.11ax_20MHz_Chain0_5680MHz_RU26_8



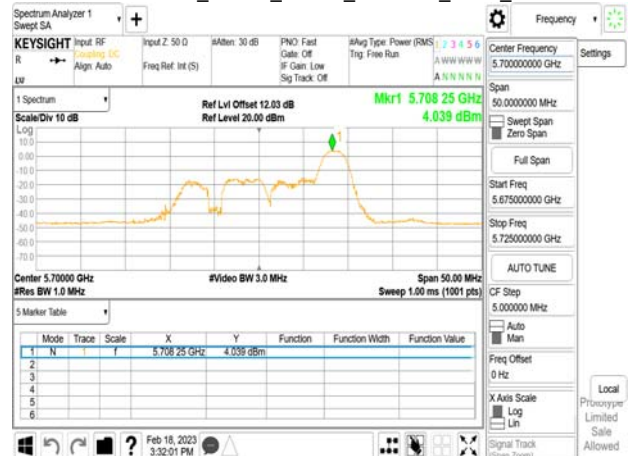
802.11ax_20MHz_Chain0_5700MHz



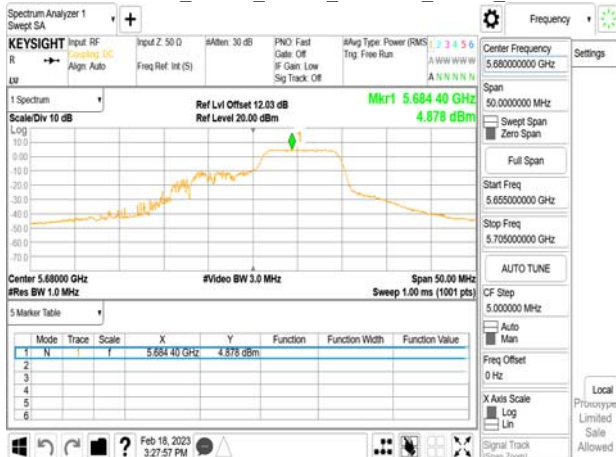
802.11ax_20MHz_Chain0_5680MHz_RU52_40



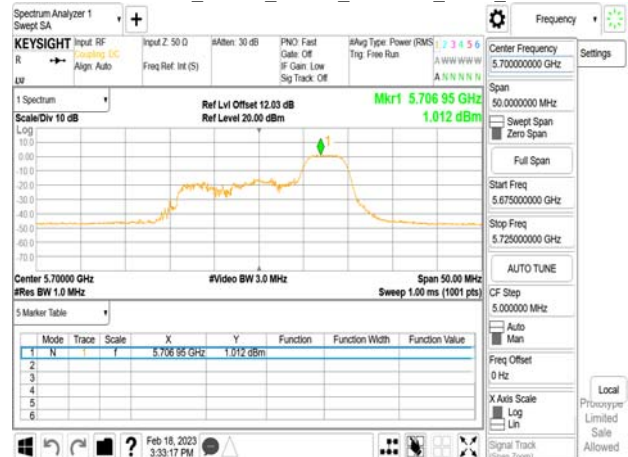
802.11ax_20MHz_Chain0_5700MHz_RU26_8



802.11ax_20MHz_Chain0_5680MHz_RU106_54



802.11ax_20MHz_Chain0_5700MHz_RU52_40

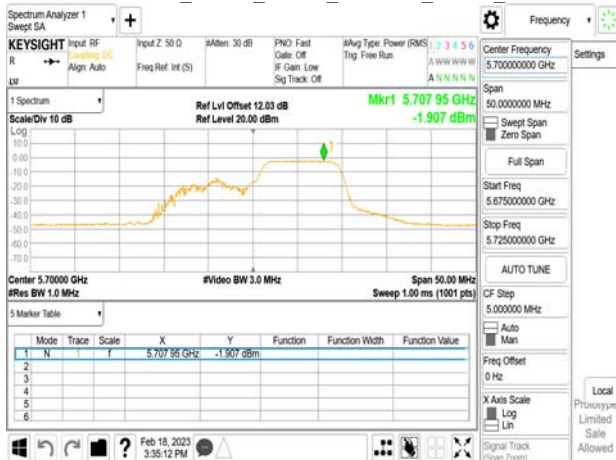


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802.11ax_20MHz_Chain0_5700MHz_RU106_54



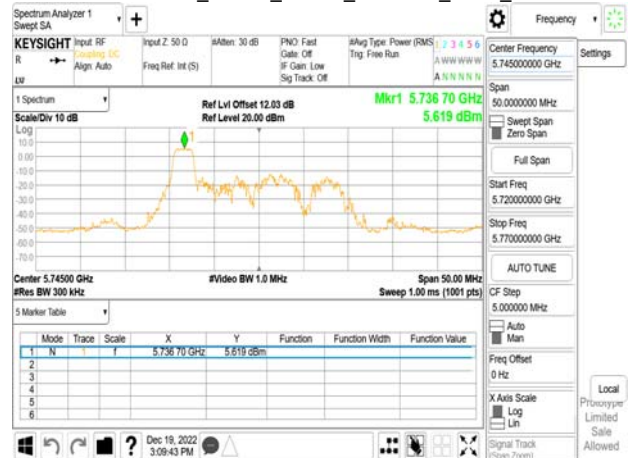
802.11ax_20MHz_Chain0_5745MHz



802.11ax_20MHz_Chain0_5720MHz_UNII 2C



802.11ax_20MHz_Chain0_5745MHz_RU26_0



802.11ax_20MHz_Chain0_5720MHz_UNII 3



802.11ax_20MHz_Chain0_5745MHz_RU52_37

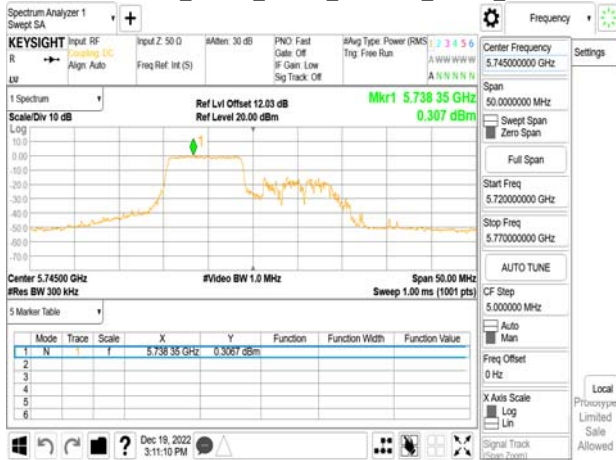


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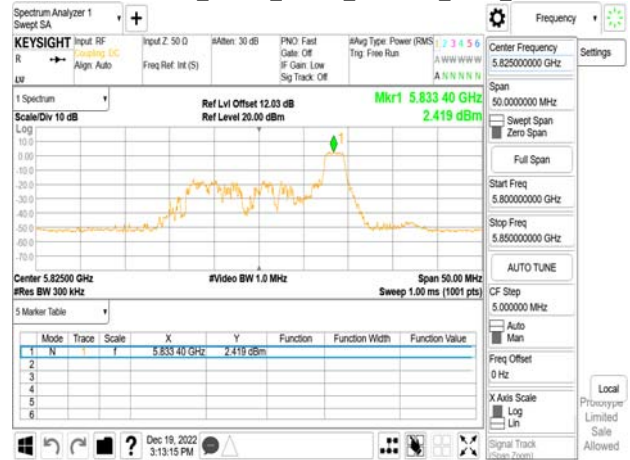
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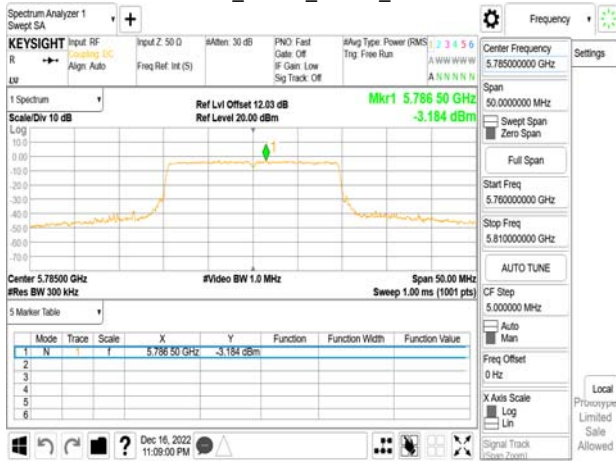
802.11ax_20MHz_Chain0_5745MHz_RU106_53



802.11ax_20MHz_Chain0_5825MHz_RU26_8



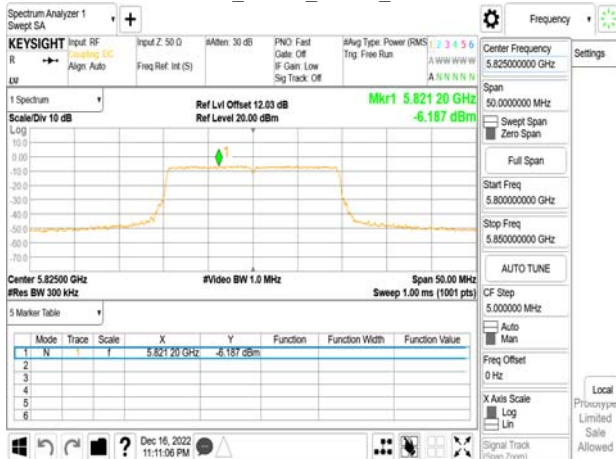
802.11ax_20MHz_Chain0_5785MHz



802.11ax_20MHz_Chain0_5825MHz_RU52_40



802.11ax_20MHz_Chain0_5825MHz



802.11ax_20MHz_Chain0_5825MHz_RU106_54



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802.11ax_40MHz_Chain0_5190MHz



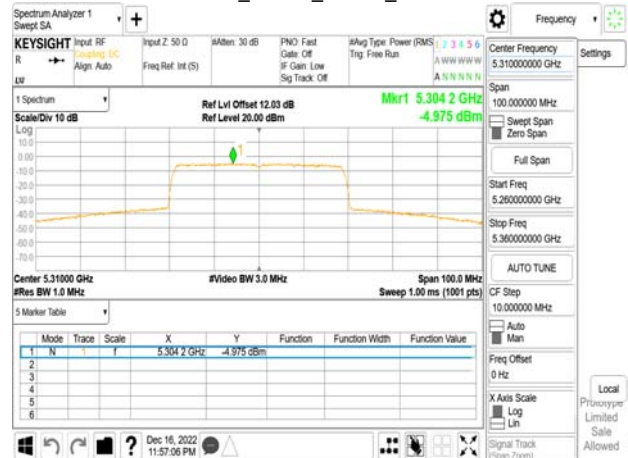
802.11ax_40MHz_Chain0_5270MHz



802.11ax_40MHz_Chain0_5190MHz_RU242_61



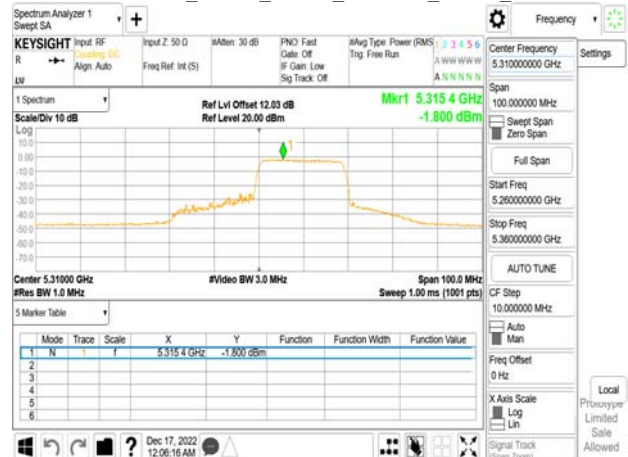
802.11ax_40MHz_Chain0_5310MHz



802.11ax_40MHz_Chain0_5230MHz



802.11ax_40MHz_Chain0_5310MHz_RU242_62



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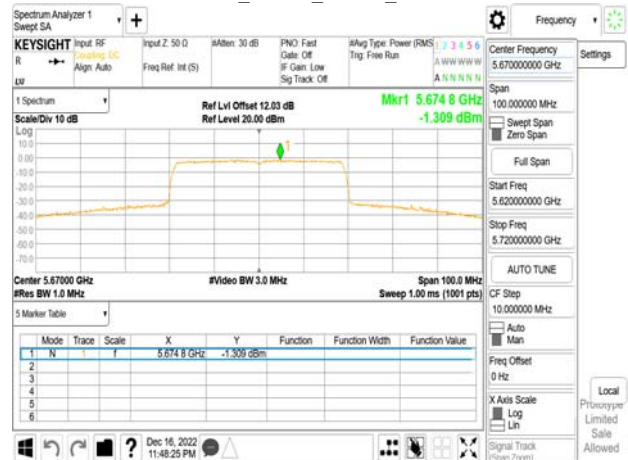
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802.11ax_40MHz_Chain0_5510MHz



802.11ax_40MHz_Chain0_5670MHz



802.11ax_40MHz_Chain0_5510MHz_RU242_61



802.11ax_40MHz_Chain0_5670MHz_RU242_62



802.11ax_40MHz_Chain0_5550MHz



802.11ax_40MHz_Chain0_5710MHz_UNII_2C

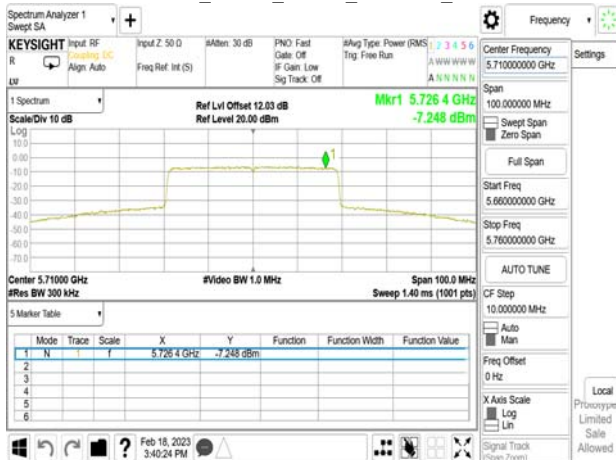


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802.11ax_40MHz_Chain0_5710MHz_UNII 3



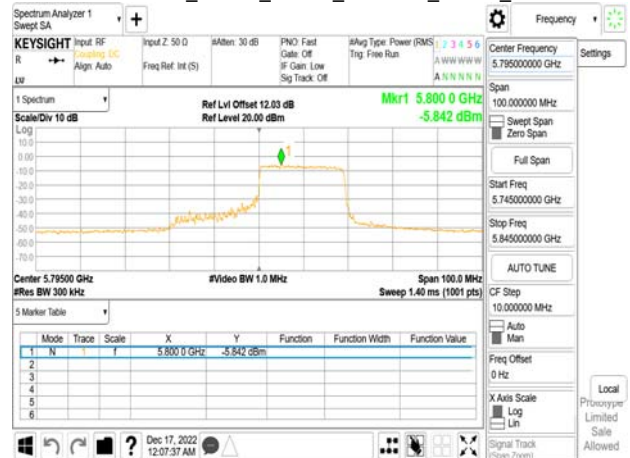
802.11ax_40MHz_Chain0_5795MHz



802.11ax_40MHz_Chain0_5755MHz



802.11ax_40MHz_Chain0_5795MHz_RU242_62



802.11ax_40MHz_Chain0_5755MHz_RU242_61



802.11ax_80MHz_Chain0_5210MHz



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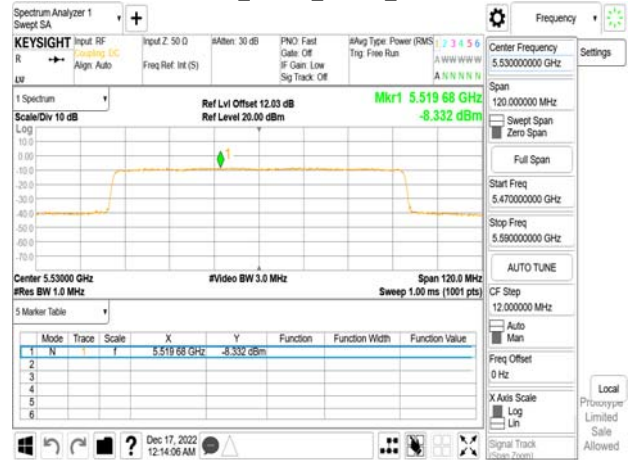
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802.11ax_80MHz_Chain0_5210MHz_RU484_65



802.11ax_80MHz_Chain0_5530MHz



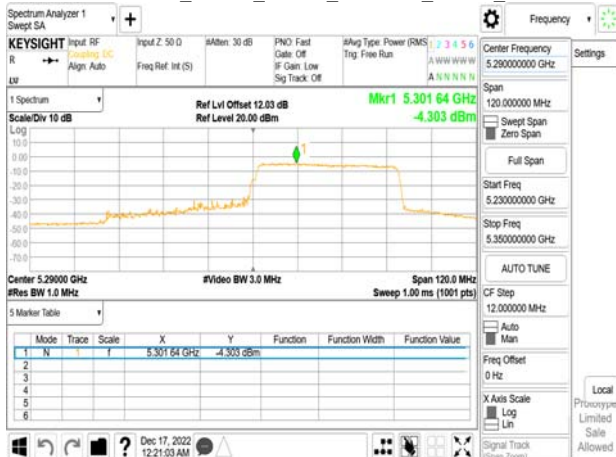
802.11ax_80MHz_Chain0_5290MHz



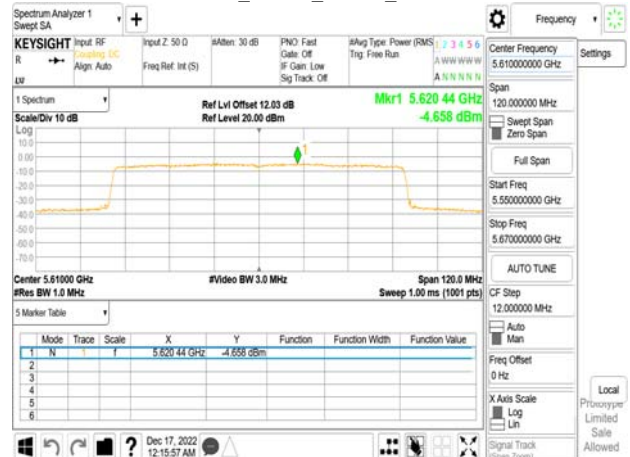
802.11ax_80MHz_Chain0_5530MHz_RU484_65



802.11ax_80MHz_Chain0_5290MHz_RU484_66



802.11ax_80MHz_Chain0_5610MHz

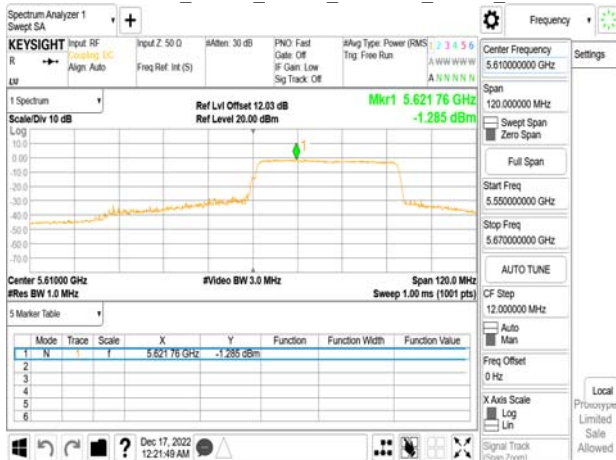


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802.11ax_80MHz_Chain0_5610MHz_RU484_66



802.11ax_80MHz_Chain0_5775MHz



802.11ax_80MHz_Chain0_5690MHz_UNII 2C



802.11ax_80MHz_Chain0_5775MHz_RU484_65



802.11ax_80MHz_Chain0_5690MHz_UNII 3



802.11ax_80MHz_Chain0_5775MHz_RU484_66



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802.11a_20MHz_Chain0_5180MHz



802.11a_20MHz_Chain0_5260MHz



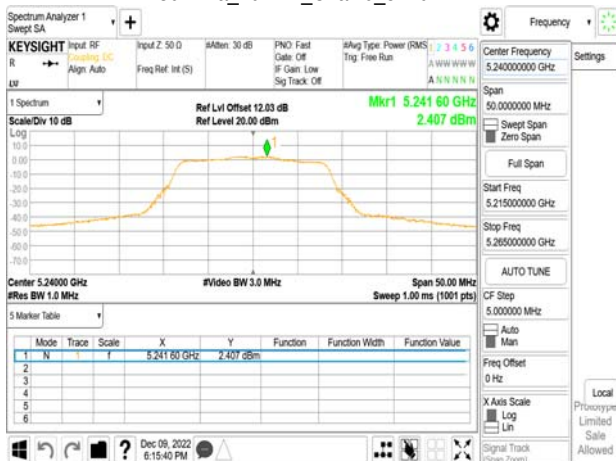
802.11a_20MHz_Chain0_5220MHz



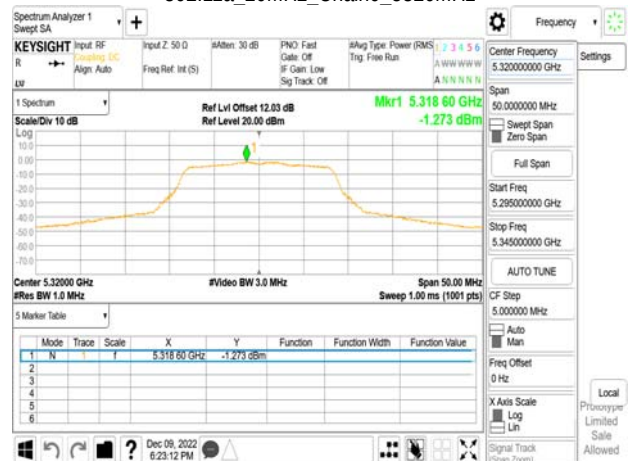
802.11a_20MHz_Chain0_5300MHz



802.11a_20MHz_Chain0_5240MHz



802.11a_20MHz_Chain0_5320MHz

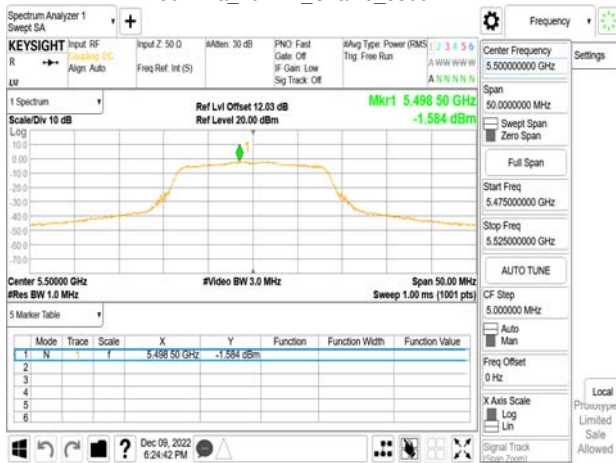


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802.11a_20MHz_Chain0_5500MHz



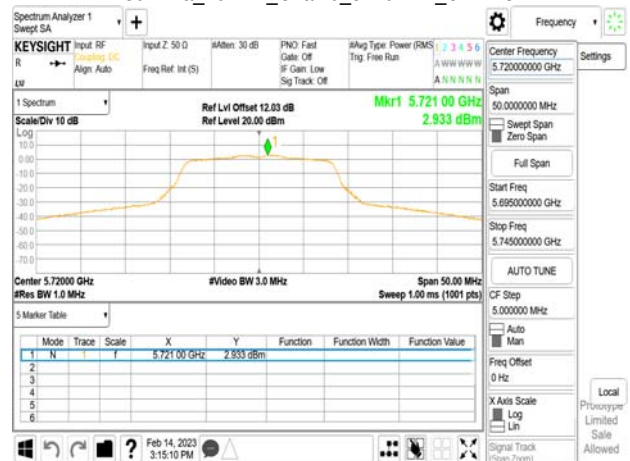
802.11a_20MHz_Chain0_5700MHz



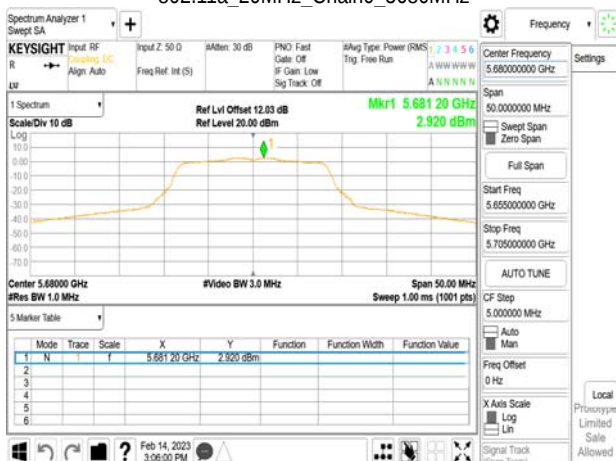
802.11a_20MHz_Chain0_5580MHz



802.11a_20MHz_Chain0_5720MHz_UNII 2C



802.11a_20MHz_Chain0_5680MHz



802.11a_20MHz_Chain0_5720MHz_UNII 3



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802.11a_20MHz_Chain0_5745MHz



802.11a_20MHz_Chain1_5180MHz



802.11a_20MHz_Chain0_5785MHz



802.11a_20MHz_Chain1_5220MHz



802.11a_20MHz_Chain0_5825MHz



802.11a_20MHz_Chain1_5240MHz



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