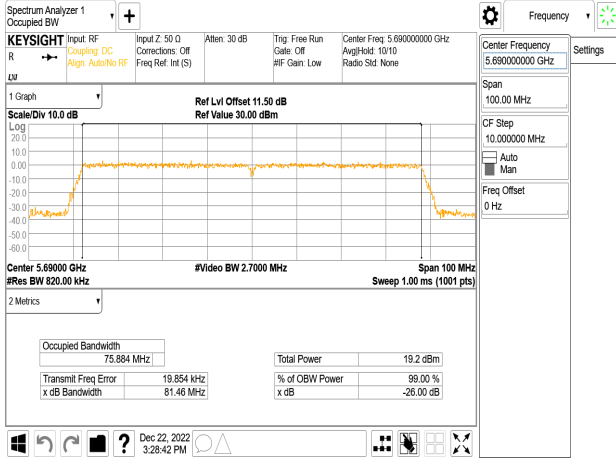
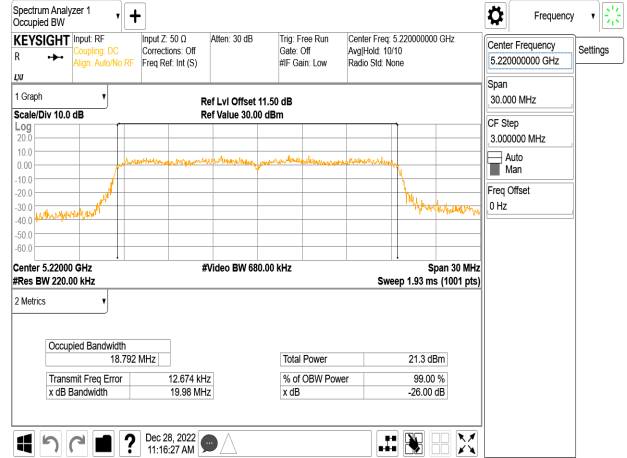


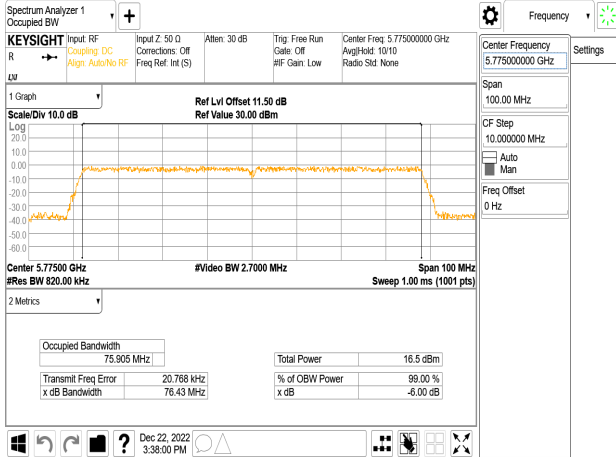
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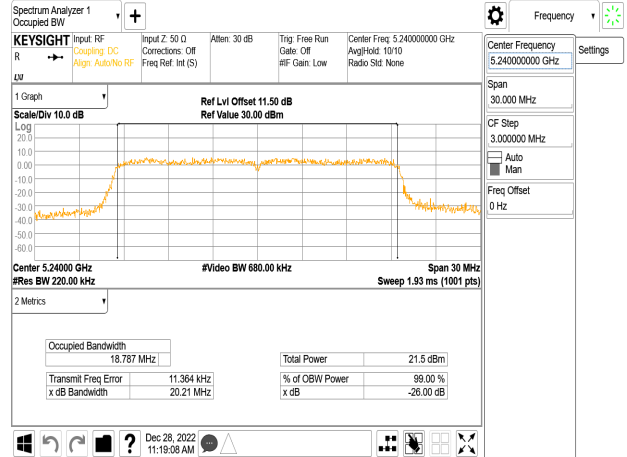
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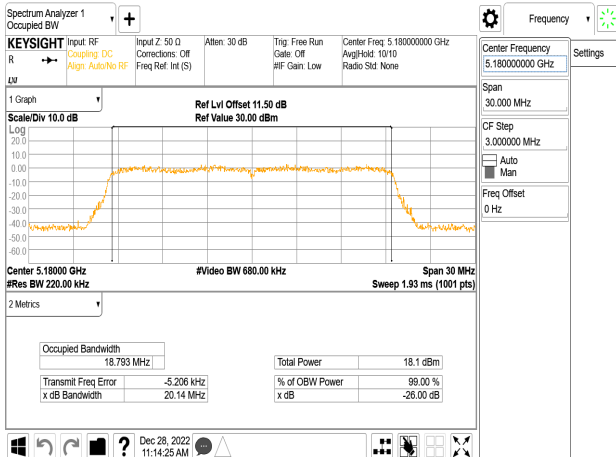
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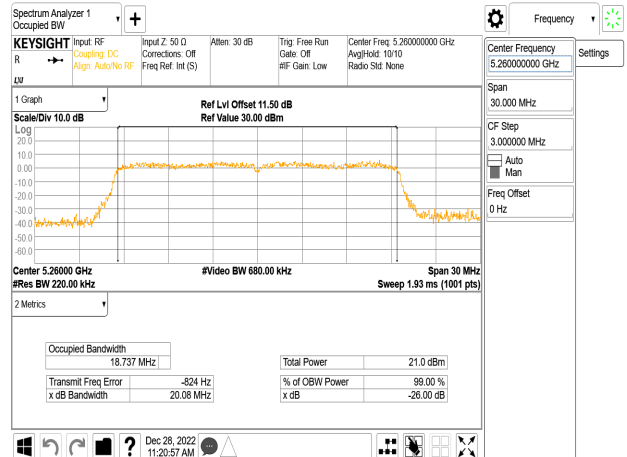
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802.11ax\_20MHz\_Chain0\_5180MHz



802.11ax\_20MHz\_Chain0\_5260MHz

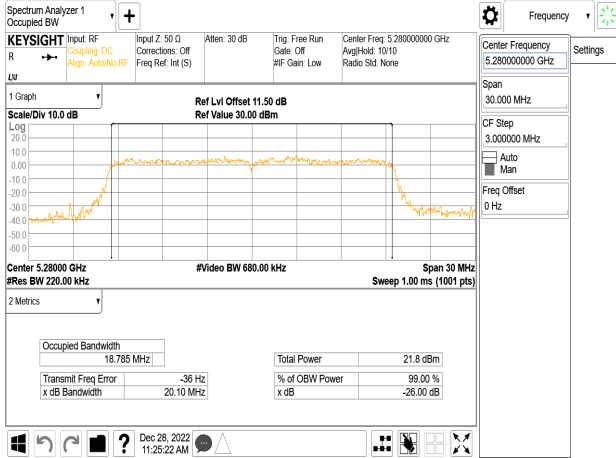


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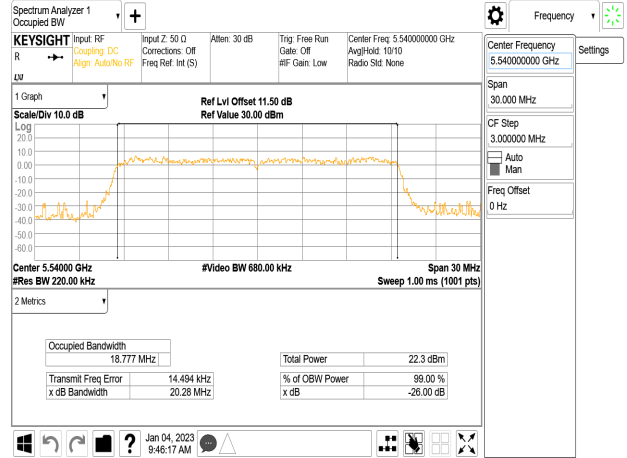
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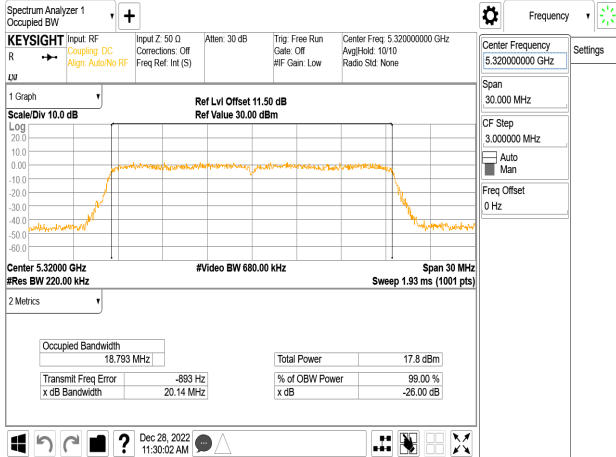
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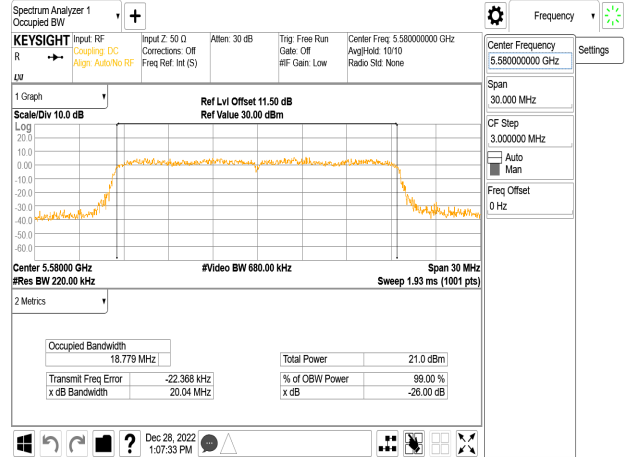
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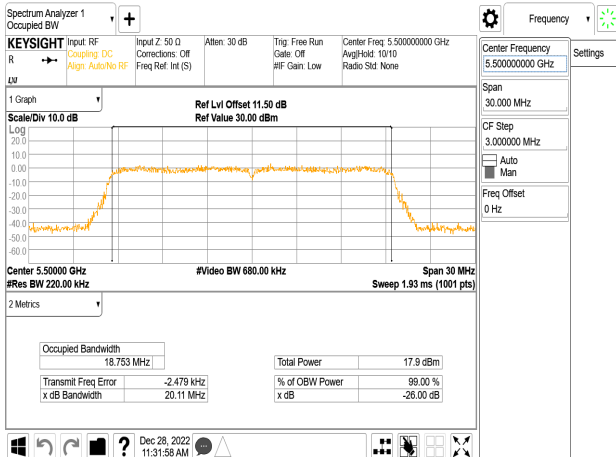
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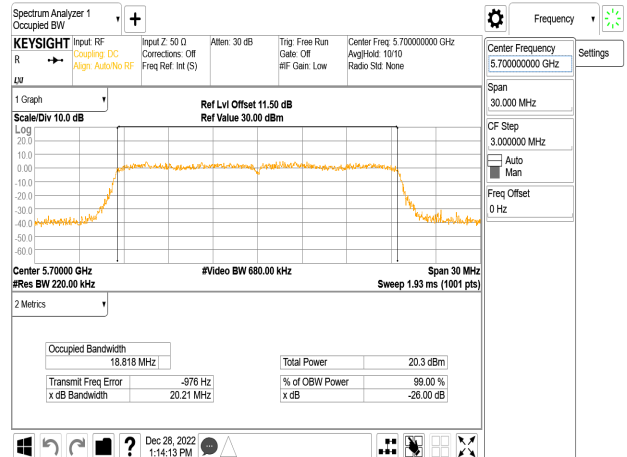
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802.11ax\_20MHz\_Chain0\_5500MHz



802.11ax\_20MHz\_Chain0\_5700MHz

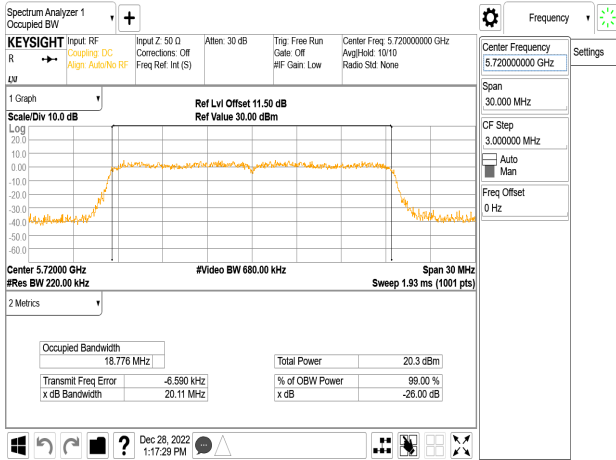


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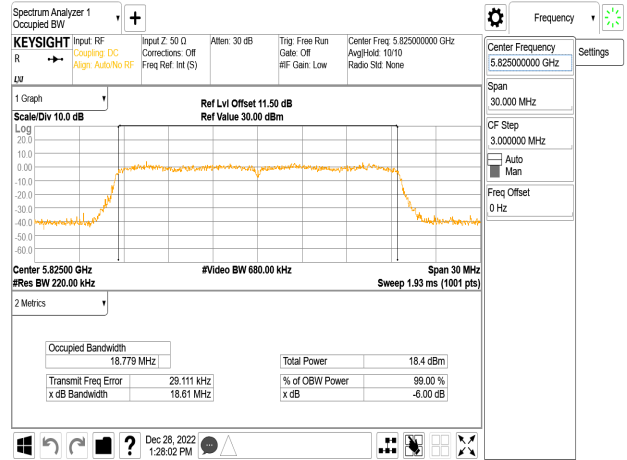
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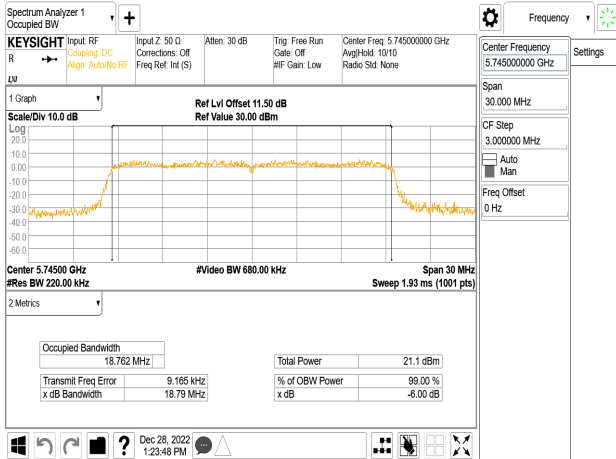
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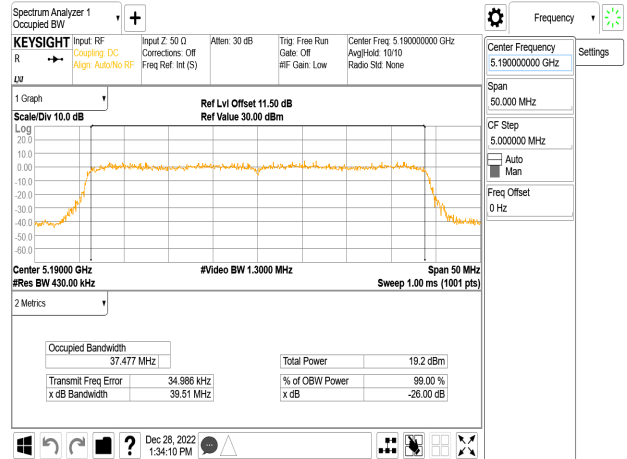
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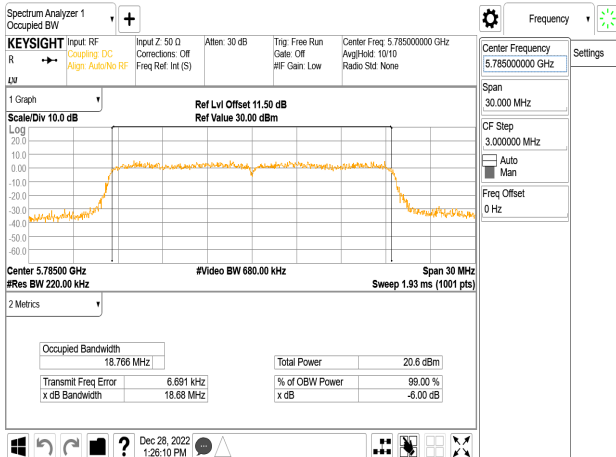
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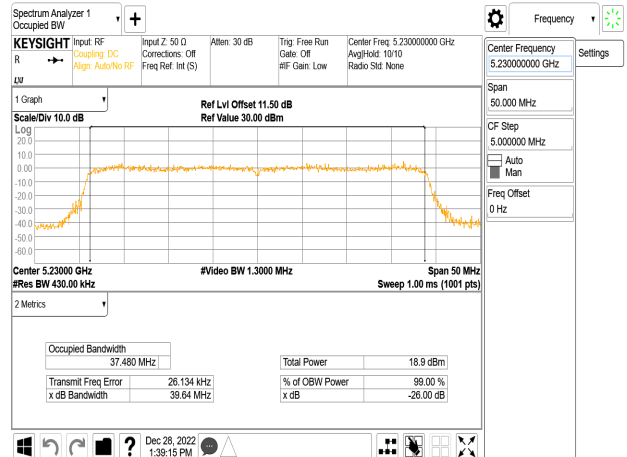
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802.11ax\_20MHz\_Chain0\_5785MHz



802.11ax\_40MHz\_Chain0\_5230MHz

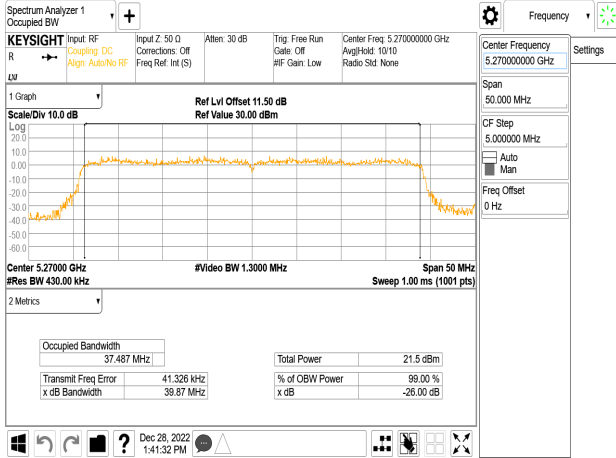


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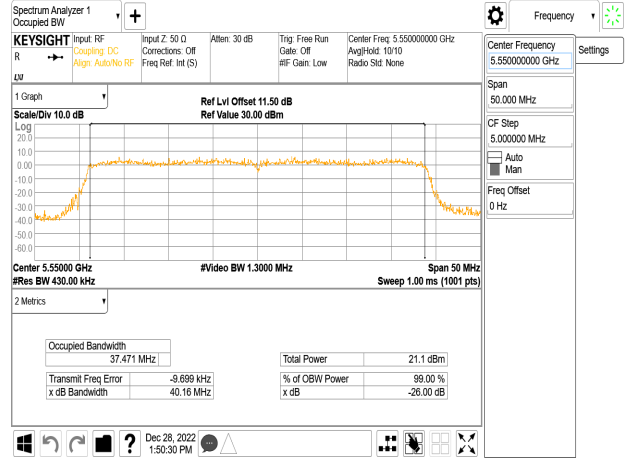
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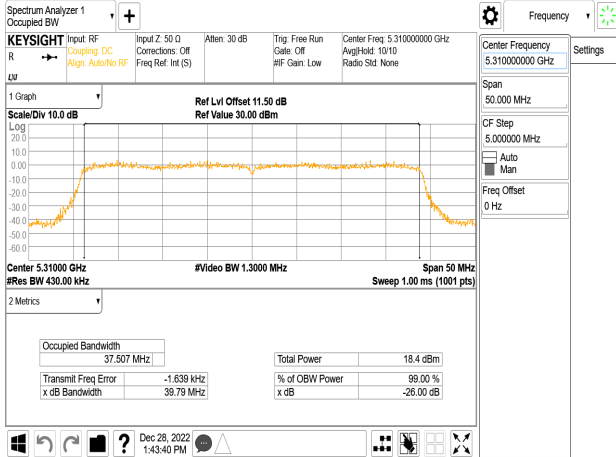
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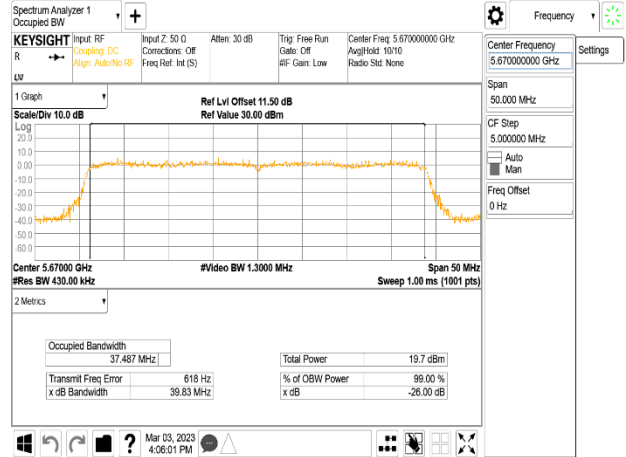
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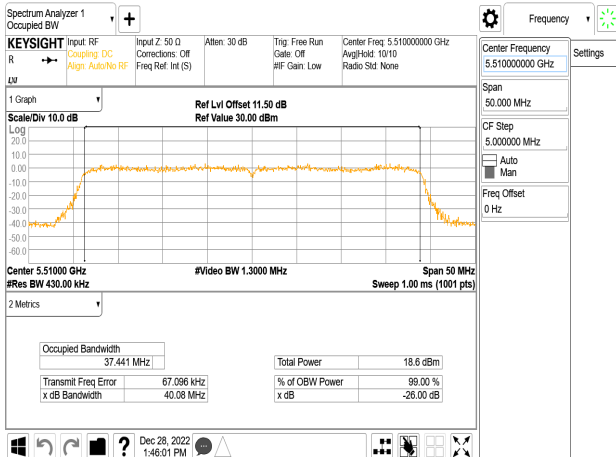
802.11ax\_40MHz\_Chain0\_5310MHz



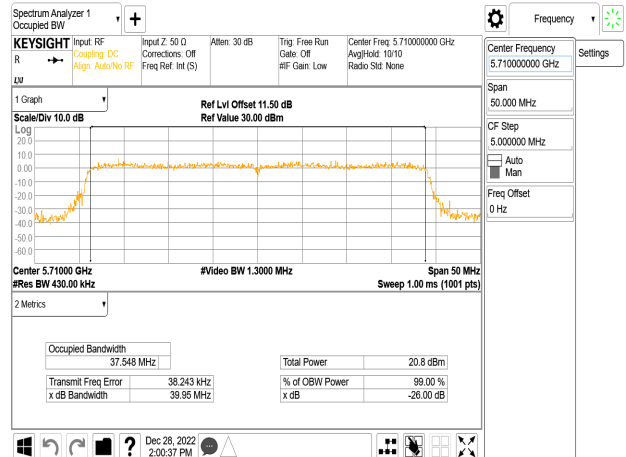
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802.11ax\_40MHz\_Chain0\_5510MHz



802.11ax\_40MHz\_Chain0\_5710MHz

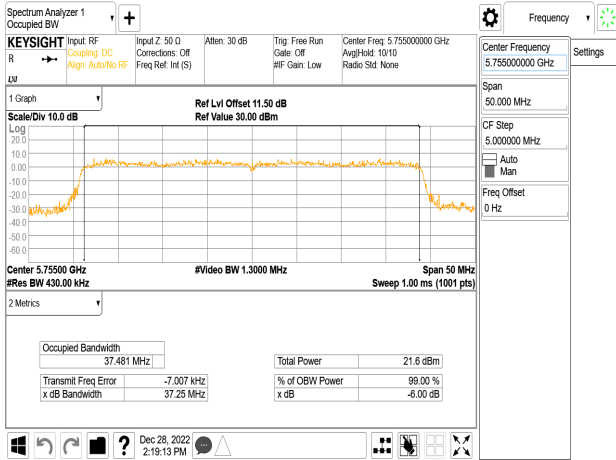


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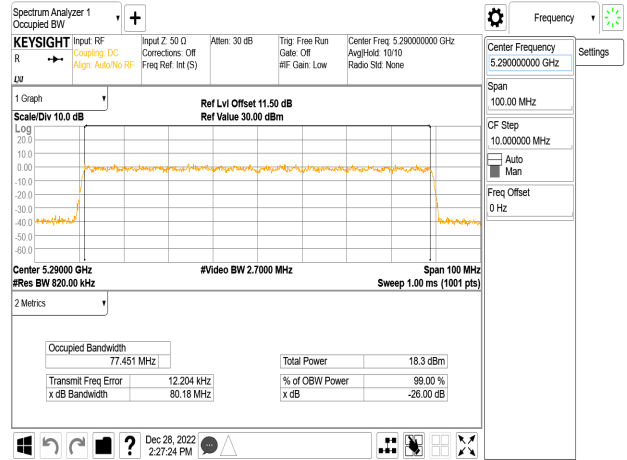
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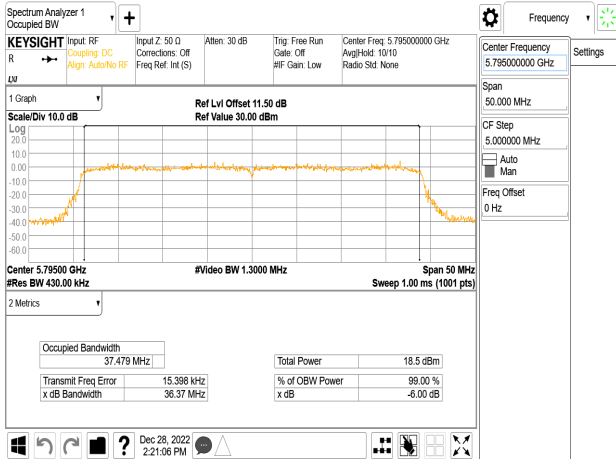
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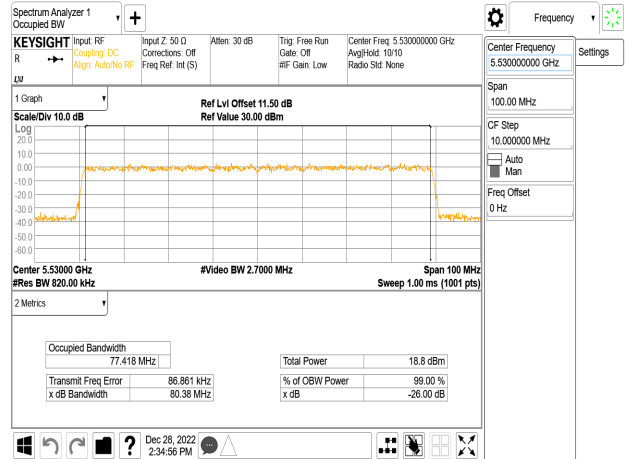
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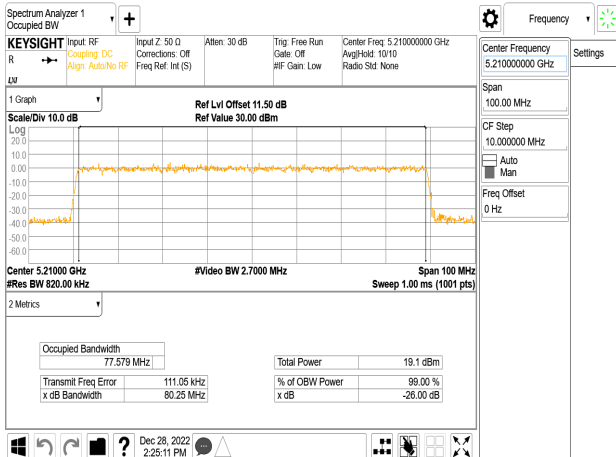
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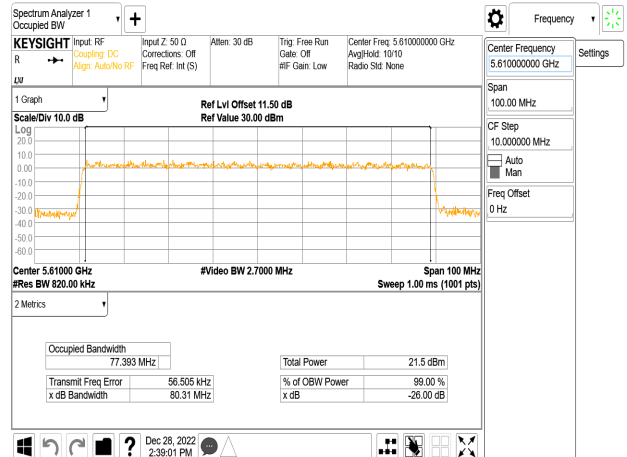
802.11ax\_80MHz\_Chain0\_5530MHz



802.11ax\_80MHz\_Chain0\_5210MHz



802.11ax\_80MHz\_Chain0\_5610MHz

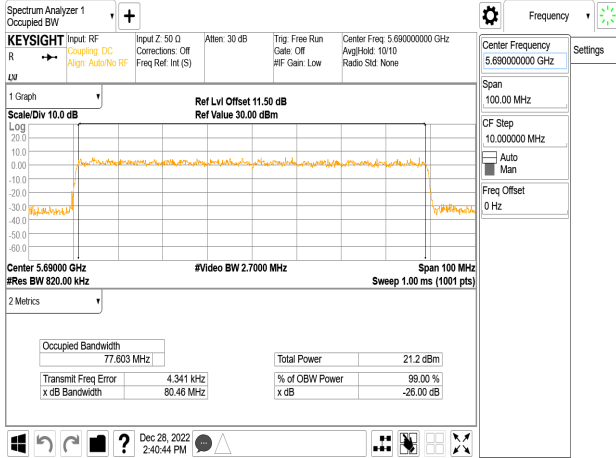


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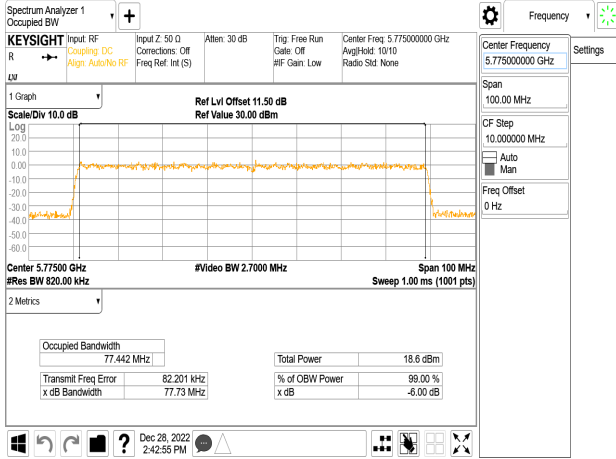
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### 802.11ax\_80MHz\_Chain0\_5690MHz



### 802.11ax\_80MHz\_Chain0\_5775MHz



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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.

#### 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
	V	Other	250mW(23.98dBm)	Not required	Not required	6dBi
U-NII-2A	V	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	V	Other	250mW(23.98dBm) or 11dBm+10 log B	Not required		6dBi
U-NII-3	V	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.

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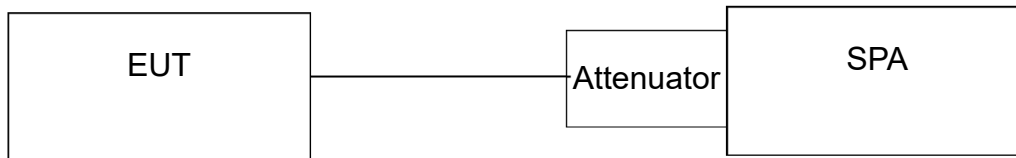
FREQUENCY BAND (MHz)	EUT CATEGORY		RSS-247 §6.2.1~6.2.4		
			EIRP	Conducted Output Power	TPC
5150~5250		OEM devices installed in vehicles	30 mW or 1.76 + 10 log10B	N/A	At least 3dB below 30mW EIRP
	V	Other device	200 mW or 10 + 10 log10B dBm	N/A	N/A
5250~5350		OEM devices installed in vehicles	30 mW or 1.76 + 10 log10B	N/A	At least 3dB below 30mW EIRP
	V	Other device	1.0 W or 17 + 10 log10B dBm	250 mW or 11 + 10 log10B	EIRP >500mW, at least 6dB below 1W EIRP
		Outdoor Fixed with EIRP>200mW	-13 dBW/MHz for 0° ≤ θ < 8° -13 -0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 -1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° -42 dBW/MHz for θ > 45°	N/A	EIRP >500mW, at least 6dB below 1W EIRP
5470-5600 and 5650-5725	V	All	1.0 W or 17 + 10 log10B dBm	250 mW or 11 + 10 log10B	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.

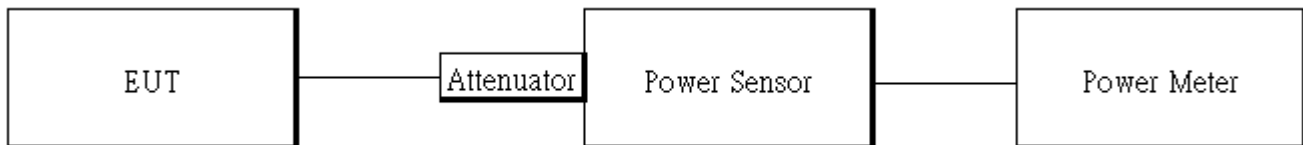
2. For the 10 log B, B is the 99% emission bandwidth.

## 9.2 Test Setup

### 9.2.1 Duty Cycle



### 9.2.2 Output Power



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### 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.

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

### 9.4 Duty Cycle Measurement Result

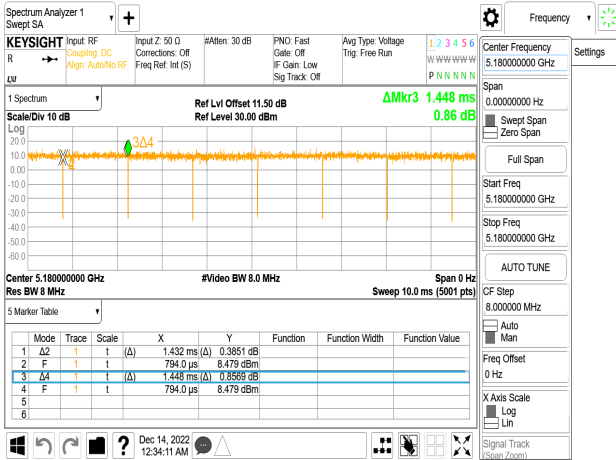
Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log ( 1/Duty Cycle )	1/T (kHz)	VBW setting (kHz)
802.11a	98.90	0.05	0.70	0.01
802.11n_20	98.97	0.04	0.75	0.01
802.11ac_20	97.94	0.09	1.51	2.00
802.11n_40	97.65	0.10	1.51	2.00
802.11ac_40	97.67	0.10	1.49	2.00
802.11ac_80	95.40	0.20	3.01	4.00
802.11ax_20	98.49	0.07	0.96	0.01
802.11ax_40	97.17	0.12	1.82	2.00
802.11ax_80	94.81	0.23	3.42	4.00

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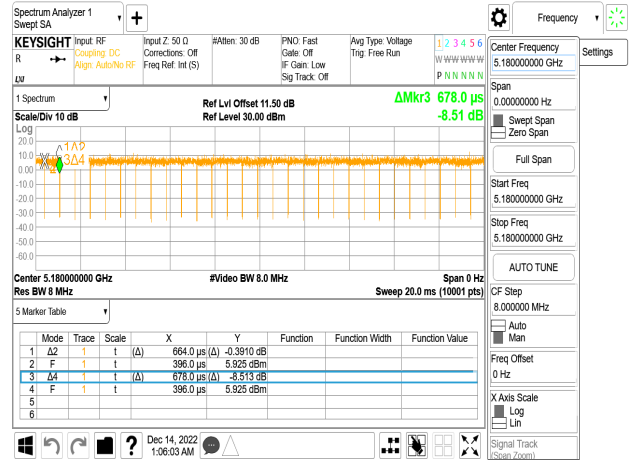
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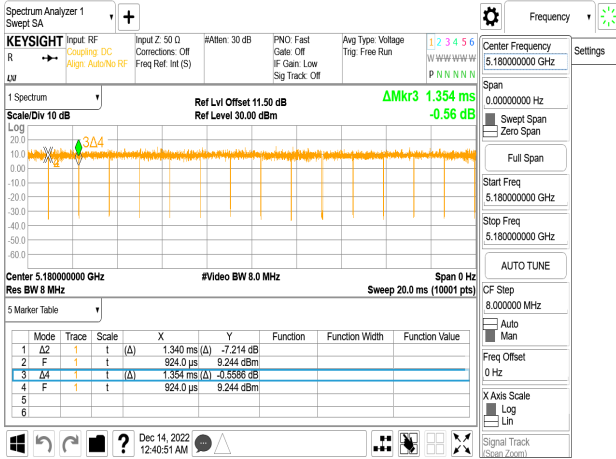
802.11a\_20MHz\_Chain0\_5180MHz



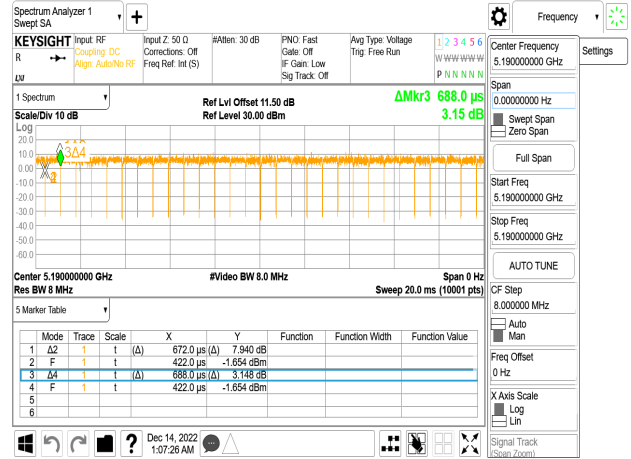
802.11ac\_20MHz\_Chain0\_5180MHz



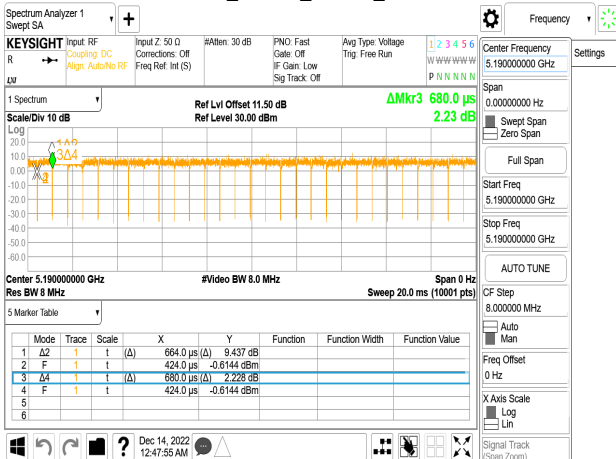
802.11n\_20MHz\_Chain0\_5180MHz



802.11ac\_40MHz\_Chain0\_5190MHz



802.11n\_40MHz\_Chain0\_5190MHz



802.11ac\_80MHz\_Chain0\_5210MHz

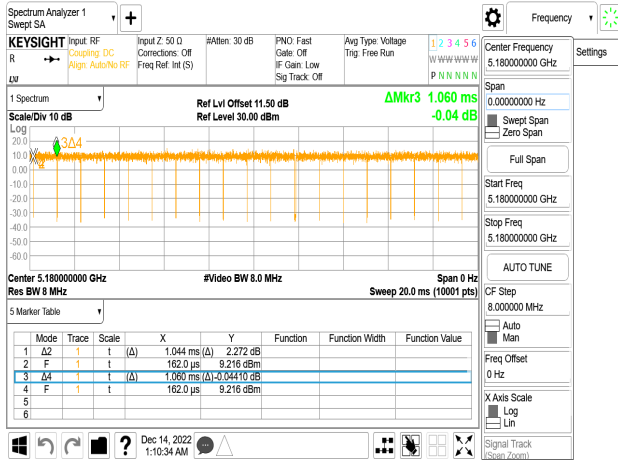


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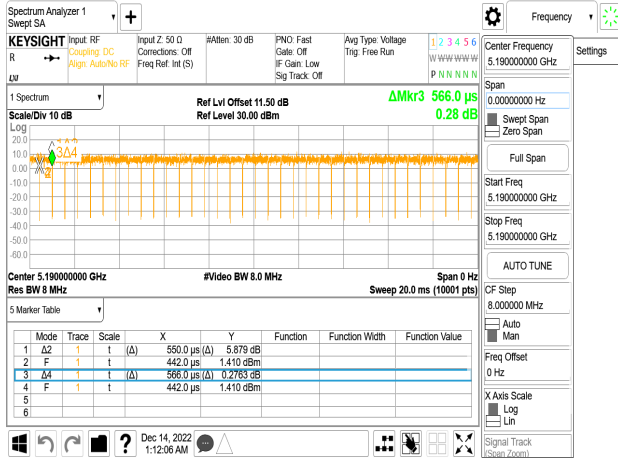
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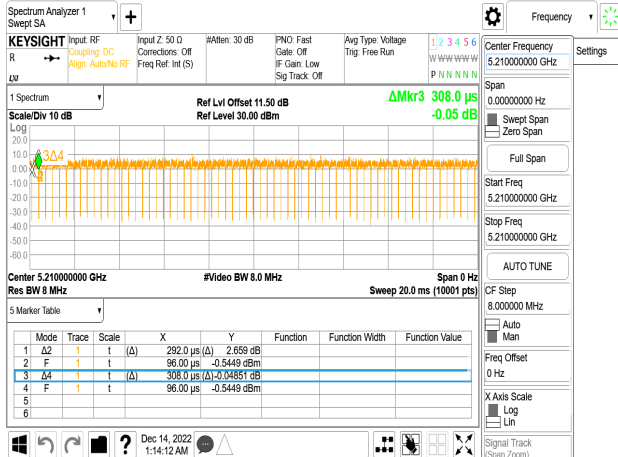
802.11ax\_20MHz\_Chain0\_5180MHz



802.11ax\_40MHz\_Chain0\_5190MHz



802.11ax\_80MHz\_Chain0\_5210MHz



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## 9.5 Output Power Measurement Result

### 9.5.1 FCC Output power

#### 802.11a\_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	16.5	15.80	38.002	23.98	PASS
44	5220	6	18.5	<b>17.88</b>	61.348	23.98	PASS
48	5240	6	18.5	17.81	60.368	23.98	PASS
52	5260	6	18.5	<b>17.83</b>	60.646	23.89	PASS
56	5280	6	18.5	17.76	59.677	23.86	PASS
64	5320	6	16.5	15.79	37.914	23.89	PASS
100	5500	6	16.5	15.82	38.177	23.84	PASS
108	5540	6	18.5	17.80	60.229	23.89	PASS
116	5580	6	18.5	<b>17.96</b>	62.489	23.89	PASS
136	5680	6	18.75	17.68	58.587	23.98	PASS
140	5700	6	16	14.74	29.772	23.87	PASS
144	5720(U-NII 2C)	6	18.5	16.57	45.363	22.67	PASS
144	5720 (U-NII 3)	6	18.5	11.60	14.45	30	PASS
149	5745	6	18.5	<b>17.90</b>	61.632	30	PASS
157	5785	6	18.5	17.85	60.926	30	PASS
165	5825	6	16.5	15.84	38.353	30	PASS

#### 802.11n\_HT20\_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	13.5	12.80	19.076	23.98	PASS
44	5220	MCS0	16.5	<b>15.92</b>	39.129	23.98	PASS
48	5240	MCS0	16.5	15.87	38.681	23.98	PASS
52	5260	MCS0	16.5	<b>15.84</b>	38.415	23.97	PASS
56	5280	MCS0	16.5	15.74	37.540	23.95	PASS
64	5320	MCS0	13.5	12.72	18.728	23.98	PASS
100	5500	MCS0	13.5	12.78	18.989	23.98	PASS
108	5540	MCS0	16.5	15.89	38.859	23.98	PASS
116	5580	MCS0	16.5	15.85	38.503	23.98	PASS
136	5680	MCS0	17	<b>15.97</b>	39.582	23.98	PASS
140	5700	MCS0	12.75	11.80	15.153	23.94	PASS
144	5720(U-NII 2C)	MCS0	16.5	14.68	29.360	23.98	PASS
144	5720 (U-NII 3)	MCS0	16.5	9.82	9.59	30	PASS
149	5745	MCS0	16.5	<b>15.94</b>	39.309	30	PASS
157	5785	MCS0	16.5	15.86	38.592	30	PASS
165	5825	MCS0	13.5	12.83	19.209	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	13	11.80	15.147	23.98	PASS
46	5230	MCS0	16.5	<b>15.92</b>	39.114	23.98	PASS
54	5270	MCS0	16.5	<b>15.80</b>	38.048	23.98	PASS
62	5310	MCS0	13.5	12.75	18.851	23.98	PASS
102	5510	MCS0	12.25	11.99	15.824	23.98	PASS
110	5550	MCS0	16.5	<b>15.86</b>	38.577	23.98	PASS
126	5630	MCS0	16	15.72	37.353	23.98	PASS
134	5670	MCS0	15.25	14.81	30.292	23.98	PASS
142	5710(U-NII 2C)	MCS0	16.5	15.28	33.745	23.98	PASS
142	5710 (U-NII 3)	MCS0	16.5	6.68	4.65	30	PASS
151	5755	MCS0	16.5	<b>15.81</b>	38.135	30	PASS
159	5795	MCS0	13.5	12.86	19.334	30	PASS

802.11ac\_VHT20\_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	13.5	12.77	18.925	23.98	PASS
44	5220	MCS0	16.5	<b>15.84</b>	38.374	23.98	PASS
48	5240	MCS0	16.5	15.82	38.198	23.98	PASS
52	5260	MCS0	16.5	<b>15.79</b>	37.935	23.97	PASS
56	5280	MCS0	16.5	15.69	37.071	23.95	PASS
64	5320	MCS0	13.5	12.66	18.452	23.98	PASS
100	5500	MCS0	13.5	12.70	18.623	23.98	PASS
108	5540	MCS0	16.5	<b>15.79</b>	37.935	23.98	PASS
116	5580	MCS0	16.5	15.76	37.674	23.98	PASS
140	5700	MCS0	12.75	11.72	14.861	23.94	PASS
144	5720(U-NII 2C)	MCS0	16.5	14.58	28.728	23.98	PASS
144	5720 (U-NII 3)	MCS0	16.5	9.72	9.38	30	PASS
149	5745	MCS0	16.5	<b>15.87</b>	38.640	30	PASS
157	5785	MCS0	16.5	15.80	38.022	30	PASS
165	5825	MCS0	13.5	12.79	19.013	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	13	11.80	15.144	23.98	PASS
46	5230	MCS0	16.5	<b>15.86</b>	38.569	23.98	PASS
54	5270	MCS0	16.5	<b>15.73</b>	37.432	23.98	PASS
62	5310	MCS0	13.5	12.70	18.631	23.98	PASS
102	5510	MCS0	12.25	11.98	15.785	23.98	PASS
110	5550	MCS0	16.5	<b>15.79</b>	37.952	23.98	PASS
126	5630	MCS0	16	15.65	36.748	23.98	PASS
134	5670	MCS0	15.25	14.80	30.216	23.98	PASS
142	5710(U-NII 2C)	MCS0	16.5	15.21	33.199	23.98	PASS
142	5710 (U-NII 3)	MCS0	16.5	6.61	4.58	30	PASS
151	5755	MCS0	16.5	<b>15.73</b>	37.432	30	PASS
159	5795	MCS0	13.5	12.76	18.890	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	13	<b>11.94</b>	15.648	23.98	PASS
58	5290	MCS0	13.5	<b>12.88</b>	19.429	23.98	PASS
106	5530	MCS0	9.5	8.98	7.915	23.98	PASS
122	5610	MCS0	16.5	<b>15.77</b>	37.797	23.98	PASS
138	5690(U-NII 2C)	MCS0	16.5	15.49	35.399	23.98	PASS
138	5690 (U-NII 3)	MCS0	16.5	4.25	2.66	30	PASS
155	5775	MCS0	12	<b>10.75</b>	11.897	30	PASS

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802.11ax HE20_Ch0								
CH	Frequency (MHz)	Data Rate	RU_full config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	RU_full	13.5	12.88	19.391	23.98	PASS
		MCS0	SU	13.5	12.92	19.571	23.98	PASS
		MCS0	26/0	13.5	12.77	18.906	23.98	PASS
		MCS0	26/8	13.5	12.82	19.125	23.98	PASS
		MCS0	52/37	13.5	12.80	19.037	23.98	PASS
		MCS0	52/40	13.5	12.86	19.302	23.98	PASS
		MCS0	106/53	13.5	12.78	18.950	23.98	PASS
		MCS0	106/54	13.5	12.84	19.214	23.98	PASS
44	5220	MCS0	RU_full	16.5	15.89	38.780	23.98	PASS
		MCS0	SU	16.5	15.94	39.229	23.98	PASS
		MCS0	26/0	13.5	12.86	19.302	23.98	PASS
		MCS0	26/8	13.5	12.78	18.950	23.98	PASS
		MCS0	52/37	16.5	15.86	38.513	23.98	PASS
		MCS0	52/40	16.5	15.87	38.602	23.98	PASS
		MCS0	106/53	16.5	15.79	37.897	23.98	PASS
		MCS0	106/54	16.5	15.83	38.248	23.98	PASS
48	5240	MCS0	RU_full	16.5	15.82	38.160	23.98	PASS
		MCS0	SU	16.5	15.90	38.869	23.98	PASS
		MCS0	26/0	13	12.77	18.906	23.98	PASS
		MCS0	26/8	13	12.81	19.081	23.98	PASS
		MCS0	52/37	16	15.85	38.424	23.98	PASS
		MCS0	52/40	16	15.80	37.985	23.98	PASS
		MCS0	106/53	16	15.83	38.248	23.98	PASS
		MCS0	106/54	16	15.78	37.810	23.98	PASS
52	5260	MCS0	RU_full	16.5	15.88	38.691	23.98	PASS
		MCS0	SU	16.5	15.93	39.139	23.98	PASS
56	5280	MCS0	RU_full	16.5	15.84	38.336	23.98	PASS
		MCS0	SU	16.5	15.92	39.049	23.98	PASS
		MCS0	26/0	13.5	12.77	18.906	23.98	PASS
		MCS0	26/8	13.5	12.83	19.169	23.98	PASS
		MCS0	52/37	16.5	15.81	38.072	23.98	PASS
		MCS0	52/40	16.5	15.75	37.550	23.98	PASS
		MCS0	106/53	16.5	15.80	37.985	23.98	PASS
		MCS0	106/54	16.5	15.78	37.810	23.98	PASS
64	5320	MCS0	RU_full	13.5	12.87	19.347	23.98	PASS
		MCS0	SU	13.5	12.90	19.481	23.98	PASS
		MCS0	26/8	13.5	12.82	19.125	23.98	PASS
		MCS0	26/0	13.5	12.76	18.863	23.98	PASS
		MCS0	52/40	13.5	12.77	18.906	23.98	PASS
		MCS0	52/37	13.5	12.85	19.258	23.98	PASS
		MCS0	106/54	13.5	12.79	18.994	23.98	PASS
		MCS0	106/53	13.5	12.84	19.214	23.98	PASS
100	5500	MCS0	RU_full	13.5	12.88	19.391	23.98	PASS
		MCS0	SU	13.5	12.92	19.571	23.98	PASS
		MCS0	26/0	13.5	12.81	19.081	23.98	PASS
		MCS0	26/8	13.5	12.76	18.863	23.98	PASS
		MCS0	52/37	13.5	12.72	18.690	23.98	PASS
		MCS0	52/40	13.5	12.85	19.258	23.98	PASS
		MCS0	106/53	13.5	12.79	18.994	23.98	PASS
		MCS0	106/54	13.5	12.74	18.776	23.98	PASS
108	5540	MCS0	RU_full	16.5	15.84	38.336	23.98	PASS
		MCS0	SU	16.5	15.90	38.869	23.98	PASS
		MCS0	26/0	13.5	12.84	19.214	23.98	PASS
		MCS0	26/8	13.5	12.76	18.863	23.98	PASS
		MCS0	52/37	16.5	15.77	37.723	23.98	PASS
		MCS0	52/40	16.5	15.73	37.377	23.98	PASS
		MCS0	106/53	16.5	15.75	37.550	23.98	PASS
		MCS0	106/54	16.5	15.83	38.248	23.98	PASS
116	5580	MCS0	RU_full	16.5	15.83	38.248	23.98	PASS
		MCS0	SU	16.5	15.87	38.602	23.98	PASS
136	5680	MCS0	RU_full	16.5	15.90	38.869	23.98	PASS
		MCS0	SU	16.5	15.93	39.139	23.98	PASS
		MCS0	26/8	13.5	12.81	19.081	23.98	PASS
		MCS0	26/0	13.5	12.76	18.863	23.98	PASS
		MCS0	52/40	16.5	15.83	38.248	23.98	PASS
		MCS0	52/37	16.5	15.80	37.985	23.98	PASS
		MCS0	106/54	16.5	15.77	37.723	23.98	PASS
		MCS0	106/53	16.5	15.81	38.072	23.98	PASS
140	5700	MCS0	RU_full	12.75	11.74	14.914	23.98	PASS
		MCS0	SU	13.75	11.87	15.368	23.98	PASS
		MCS0	26/8	9.5	8.72	7.441	23.98	PASS
		MCS0	26/0	8.5	8.67	7.355	23.98	PASS
		MCS0	52/40	13.25	11.80	15.122	23.98	PASS
		MCS0	52/37	12.5	11.64	14.575	23.98	PASS
		MCS0	106/54	13.5	11.71	14.812	23.98	PASS
		MCS0	106/53	13.5	11.63	14.541	23.98	PASS
144	5720	MCS0	RU_full	16.5	15.87	38.602	23.98	PASS
144	5720(L-NII 2C)	MCS0	SU	16.5	14.63	29.022	22.78	PASS
144	5720(L-NII 3)	MCS0	SU	16.5	9.89	9.758	30	PASS
149	5745	MCS0	RU_full	16.5	15.82	38.160	30	PASS
		MCS0	SU	16.5	15.85	38.424	30	PASS
		MCS0	26/0	13.5	12.82	19.125	30	PASS
		MCS0	26/8	13.5	12.79	18.994	30	PASS
		MCS0	52/37	16.5	15.79	37.897	30	PASS
		MCS0	52/40	16.5	15.70	37.120	30	PASS
		MCS0	106/53	16.5	15.76	37.636	30	PASS
		MCS0	106/54	16.5	15.74	37.463	30	PASS
157	5785	MCS0	RU_full	16.5	15.86	38.513	30	PASS
		MCS0	SU	16.5	15.91	38.959	30	PASS
		MCS0	26/0	13.5	12.80	19.037	30	PASS
		MCS0	26/8	13.5	12.84	19.214	30	PASS
		MCS0	52/37	16.5	15.78	37.810	30	PASS
		MCS0	52/40	16.5	15.82	38.160	30	PASS
		MCS0	106/53	16.5	15.71	37.206	30	PASS
		MCS0	106/54	16.5	15.75	37.550	30	PASS
165	5825	MCS0	RU_full	13.5	12.82	19.125	30	PASS
		MCS0	SU	13.5	12.86	19.302	30	PASS
		MCS0	26/8	13.5	12.77	18.906	30	PASS
		MCS0	26/0	13.5	12.73	18.733	30	PASS
		MCS0	52/40	13.5	12.70	18.604	30	PASS
		MCS0	52/37	13.5	12.76	18.863	30	PASS
		MCS0	106/54	13.5	12.72	18.690	30	PASS
		MCS0	106/53	13.5	12.78	18.950	30	PASS

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802.11ax\_HE40\_Ch0

CH	Frequency (MHz)	Data Rate	RU_full config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	RU_full	9.5	8.87	7.717	23.98	PASS
		MCS0	SU	12	11.80	15.152	23.98	PASS
		MCS0	242/61	12.5	11.74	14.944	23.98	PASS
		MCS0	242/62	12.5	11.77	15.048	23.98	PASS
46	5230	MCS0	RU_full	16.5	15.88	38.768	23.98	PASS
		MCS0	SU	16.5	15.92	39.126	23.98	PASS
		MCS0	242/61	16.5	15.84	38.412	23.98	PASS
		MCS0	242/62	16.5	15.82	38.236	23.98	PASS
54	5270	MCS0	RU_full	16.5	15.86	38.589	23.98	PASS
		MCS0	SU	16.5	15.91	39.036	23.98	PASS
		MCS0	242/61	16.5	15.82	38.236	23.98	PASS
		MCS0	242/62	16.5	15.81	38.148	23.98	PASS
62	5310	MCS0	RU_full	13.5	12.61	18.259	23.98	PASS
		MCS0	SU	13.5	12.93	19.655	23.98	PASS
		MCS0	242/62	13.5	12.78	18.988	23.98	PASS
		MCS0	242/61	13.5	12.75	18.857	23.98	PASS
102	5510	MCS0	RU_full	5	4.53	2.841	23.98	PASS
		MCS0	SU	12	11.70	14.807	23.98	PASS
		MCS0	242/61	9.5	9.57	9.067	23.98	PASS
		MCS0	242/62	10	9.79	9.538	23.98	PASS
110	5550	MCS0	RU_full	16.5	15.90	38.946	23.98	PASS
		MCS0	SU	16.5	<b>15.94</b>	39.307	23.98	PASS
		MCS0	242/61	16.5	15.84	38.412	23.98	PASS
		MCS0	242/62	16.5	15.87	38.678	23.98	PASS
126	5630	MCS0	RU_full	16.5	15.87	38.678	23.98	PASS
		MCS0	SU	16.5	15.92	39.126	23.98	PASS
		MCS0	242/62	16.5	15.83	38.324	23.98	PASS
		MCS0	242/61	16.5	15.80	38.060	23.98	PASS
134	5670	MCS0	RU_full	15	14.63	29.072	23.98	PASS
		MCS0	SU	16	14.76	29.955	23.98	PASS
		MCS0	242/62	14.5	13.77	23.849	23.98	PASS
		MCS0	242/61	14.5	13.72	23.576	23.98	PASS
142	5710	MCS0	RU_full	16.5	<b>15.83</b>	38.324	23.98	PASS
142	5710(U-NII 2C)	MCS0	SU	16.5	15.33	34.109	23.98	PASS
142	5710 (U-NII 3)	MCS0	SU	16.5	6.93	4.927	30	PASS
151	5755	MCS0	RU_full	16.5	15.88	38.768	30	PASS
		MCS0	SU	16.5	<b>15.93</b>	39.216	30	PASS
		MCS0	242/61	16.5	15.83	38.324	30	PASS
		MCS0	242/62	16.5	15.86	38.589	30	PASS
159	5795	MCS0	RU_full	16.5	12.91	19.564	30	PASS
		MCS0	SU	13.5	12.94	19.700	30	PASS
		MCS0	242/62	13.5	12.87	19.385	30	PASS
		MCS0	242/61	13.5	12.81	19.119	30	PASS

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802.11ax\_HE80\_Ch0

CH	Frequency (MHz)	Data Rate	RU_full config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	RU_full	9	8.60	7.247	23.98	PASS
		MCS0	SU	11.5	11.86	15.351	23.98	PASS
		MCS0	484/65	12	11.52	14.195	23.98	PASS
		MCS0	484/66	12	11.78	15.071	23.98	PASS
58	5290	MCS0	RU_full	13	12.85	19.282	23.98	PASS
		MCS0	SU	13	<b>12.88</b>	19.415	23.98	PASS
		MCS0	484/66	13	12.78	18.973	23.98	PASS
		MCS0	484/65	13	12.81	19.105	23.98	PASS
106	5530	MCS0	RU_full	6	6.57	4.541	23.98	PASS
		MCS0	SU	9	8.78	7.553	23.98	PASS
		MCS0	484/65	8.75	8.76	7.519	23.98	PASS
		MCS0	484/66	9	8.71	7.433	23.98	PASS
122	5610	MCS0	RU_full	16	15.86	38.561	23.98	PASS
		MCS0	SU	16	<b>15.92</b>	39.097	23.98	PASS
		MCS0	484/66	16	15.85	38.472	23.98	PASS
		MCS0	484/65	16	15.79	37.944	23.98	PASS
138	5690	MCS0	RU_full	16	15.80	38.032	23.98	PASS
138	5690(U-NII 2C)	MCS0	SU	16	15.65	36.710	23.98	PASS
138	5690 (U-NII 3)	MCS0	SU	16	3.94	2.477	30	PASS
155	5775	MCS0	RU_full	11	10.77	11.944	30	PASS
		MCS0	SU	11.75	<b>10.84</b>	12.138	30	PASS
		MCS0	484/65	11	10.75	11.889	30	PASS
		MCS0	484/66	11	10.78	11.971	30	PASS

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## 9.5.2 ISED Conducted output power and EIRP

## 802.11a\_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	17.83	60.646	23.98	PASS
56	5280	17.76	59.677	23.98	PASS
64	5320	15.79	37.914	23.98	PASS
100	5500	15.82	38.177	23.98	PASS
108	5540	17.80	60.229	23.98	PASS
116	5580	<b>17.96</b>	<b>62.489</b>	23.98	PASS
136	5680	17.68	58.587	23.98	PASS
140	5700	14.74	29.772	23.98	PASS
144	5720(U-NII 2C)	16.57	<b>45.363</b>	23.98	PASS
144	5720 (U-NII 3)	11.60	14.451	30	PASS
149	5745	17.90	<b>61.632</b>	30	PASS
157	5785	17.85	60.926	30	PASS
165	5825	15.84	38.353	30	PASS

## 802.11n\_HT20\_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	<b>15.84</b>	38.415	23.98	PASS
56	5280	15.74	37.540	23.98	PASS
64	5320	12.72	18.728	23.98	PASS
100	5500	12.78	18.989	23.98	PASS
108	5540	15.89	38.859	23.98	PASS
116	5580	15.85	38.503	23.98	PASS
136	5680	<b>15.97</b>	<b>39.582</b>	23.98	PASS
140	5700	11.80	15.153	23.98	PASS
144	5720(U-NII 2C)	<b>14.68</b>	<b>29.360</b>	23.98	PASS
144	5720 (U-NII 3)	9.82	9.589	30	PASS
149	5745	<b>15.94</b>	<b>39.309</b>	30	PASS
157	5785	15.86	38.592	30	PASS
165	5825	12.83	19.209	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	<b>15.80</b>	38.048	23.98	PASS
62	5310	12.75	18.851	23.98	PASS
102	5510	11.99	15.824	23.98	PASS
110	5550	<b>15.86</b>	<b>38.577</b>	23.98	PASS
126	5630	15.72	37.353	23.98	PASS
134	5670	14.81	30.292	23.98	PASS
142	5710(U-NII 2C)	<b>15.28</b>	<b>33.745</b>	23.98	PASS
142	5710 (U-NII 3)	6.68	4.655	30	PASS
151	5755	<b>15.81</b>	<b>38.135</b>	30	PASS
159	5795	12.86	19.334	30	PASS

## 802.11ac\_VHT20\_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	<b>15.79</b>	37.935	23.98	PASS
56	5280	15.69	37.071	23.98	PASS
64	5320	12.66	18.452	23.98	PASS
100	5500	12.70	18.623	23.98	PASS
108	5540	<b>15.79</b>	<b>37.935</b>	23.98	PASS
116	5580	15.76	37.674	23.98	PASS
136	5680	11.72	14.861	23.98	PASS
140	5700	11.72	14.861	23.98	PASS
144	5720(U-NII 2C)	<b>14.58</b>	<b>28.728</b>	23.98	PASS
144	5720 (U-NII 3)	9.72	9.382	30	PASS
149	5745	<b>15.87</b>	<b>38.640</b>	30	PASS
157	5785	15.80	38.022	30	PASS
165	5825	12.79	19.013	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	<b>15.73</b>	37.432	23.98	PASS
62	5310	12.70	18.631	23.98	PASS
102	5510	11.98	15.785	23.98	PASS
110	5550	<b>15.79</b>	<b>37.952</b>	23.98	PASS
126	5630	15.65	36.748	23.98	PASS
134	5670	14.81	30.286	23.98	PASS
142	5710(U-NII 2C)	<b>15.21</b>	<b>33.199</b>	23.98	PASS
142	5710 (U-NII 3)	6.61	4.579	30	PASS
151	5755	<b>15.73</b>	<b>37.432</b>	30	PASS
159	5795	12.76	18.890	30	PASS

**802.11ac\_VHT80\_Ch0**

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	<b>12.88</b>	19.429	23.98	PASS
106	5530	8.98	7.915	23.98	PASS
122	5610	<b>15.77</b>	<b>37.797</b>	23.98	PASS
138	5690(U-NII 2C)	15.49	35.399	23.98	PASS
138	5690 (U-NII 3)	4.25	2.659	30	PASS
155	5775	<b>10.75</b>	<b>11.897</b>	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	RU full	15.88	38.691	23.98	PASS
		SU	15.93	39.139	23.98	PASS
56	5280	RU full	15.84	38.336	23.98	PASS
		SU	15.92	39.049	23.98	PASS
		26/0	12.77	18.906	23.98	PASS
		26/8	12.83	19.169	23.98	PASS
		52/37	15.81	38.072	23.98	PASS
		52/40	15.75	37.550	23.98	PASS
		106/53	15.80	37.985	23.98	PASS
		106/54	15.78	37.810	23.98	PASS
64	5320	RU full	12.87	19.347	23.98	PASS
		SU	12.90	19.481	23.98	PASS
		26/8	12.82	19.125	23.98	PASS
		26/0	12.76	18.863	23.98	PASS
		52/40	12.77	18.906	23.98	PASS
		52/37	12.85	19.258	23.98	PASS
		106/54	12.79	18.994	23.98	PASS
		106/53	12.84	19.214	23.98	PASS
100	5500	RU full	12.88	19.391	23.98	PASS
		SU	12.92	19.571	23.98	PASS
		26/0	12.81	19.081	23.98	PASS
		26/8	12.76	18.863	23.98	PASS
		52/37	12.72	18.690	23.98	PASS
		52/40	12.85	19.258	23.98	PASS
		106/53	12.79	18.994	23.98	PASS
		106/54	12.74	18.776	23.98	PASS
108	5540	RU full	15.84	38.336	23.98	PASS
		SU	15.90	38.869	23.98	PASS
		26/0	12.84	19.214	23.98	PASS
		26/8	12.76	18.863	23.98	PASS
		52/37	15.77	37.723	23.98	PASS
		52/40	15.73	37.377	23.98	PASS
		106/53	15.75	37.550	23.98	PASS
		106/54	15.83	38.248	23.98	PASS
116	5580	RU full	15.83	38.248	23.98	PASS
		SU	15.87	38.602	23.98	PASS
136	5680	RU full	15.90	38.869	23.98	PASS
		SU	15.93	39.139	23.98	PASS
		26/8	12.81	19.081	23.98	PASS
		26/0	12.76	18.863	23.98	PASS
		52/40	15.83	38.248	23.98	PASS
		52/37	15.80	37.985	23.98	PASS
		106/54	15.77	37.723	23.98	PASS
		106/53	15.81	38.072	23.98	PASS
140	5700	RU full	11.74	14.914	23.98	PASS
		SU	11.87	15.368	23.98	PASS
		26/8	8.72	7.441	23.98	PASS
		26/0	8.67	7.355	23.98	PASS
		52/40	11.80	15.122	23.98	PASS
		52/37	11.64	14.575	23.98	PASS
		106/54	11.71	14.812	23.98	PASS
		106/53	11.63	14.541	23.98	PASS
144	5720	RU full	15.87	38.602	23.98	PASS
144	5720(U-NII)	SU	14.63	29.022	23.98	PASS
144	5720 (U-NII 3)	SU	9.89	9.758	30	PASS
149	5745	RU full	15.82	38.160	30	PASS
		SU	15.85	38.424	30	PASS
		26/0	12.82	19.125	30	PASS
		26/8	12.79	18.994	30	PASS
		52/37	15.79	37.897	30	PASS
		52/40	15.70	37.120	30	PASS
		106/53	15.76	37.636	30	PASS
		106/54	15.74	37.463	30	PASS
157	5785	RU full	15.86	38.513	30	PASS
		SU	15.91	38.959	30	PASS
		26/0	12.80	19.037	30	PASS
		26/8	12.84	19.214	30	PASS
		52/37	15.78	37.810	30	PASS
		52/40	15.82	38.160	30	PASS
		106/53	15.71	37.206	30	PASS
		106/54	15.75	37.550	30	PASS
165	5825	RU full	12.82	19.125	30	PASS
		SU	12.86	19.302	30	PASS
		26/8	12.77	18.906	30	PASS
		26/0	12.73	18.733	30	PASS
		52/40	12.70	18.604	30	PASS
		52/37	12.76	18.863	30	PASS
		106/54	12.72	18.690	30	PASS
		106/53	12.78	18.950	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	RU full	15.86	38.589	23.98	PASS
		SU	15.91	39.036	23.98	PASS
		242/61	15.82	38.236	23.98	PASS
		242/62	15.81	38.148	23.98	PASS
62	5310	RU full	12.61	18.259	23.98	PASS
		SU	12.93	19.655	23.98	PASS
		242/62	12.78	18.988	23.98	PASS
		242/61	12.75	18.857	23.98	PASS
102	5510	RU full	4.53	2.841	23.98	PASS
		SU	11.70	14.807	23.98	PASS
		242/61	9.57	9.067	23.98	PASS
		242/62	9.79	9.538	23.98	PASS
110	5550	RU full	15.90	38.946	23.98	PASS
		SU	<b>15.94</b>	<b>39.307</b>	23.98	PASS
		242/61	15.84	38.412	23.98	PASS
		242/62	15.87	38.678	23.98	PASS
126	5630	RU full	15.87	38.678	23.98	PASS
		SU	15.92	39.126	23.98	PASS
		242/62	15.83	38.324	23.98	PASS
		242/61	15.80	38.060	23.98	PASS
134	5670	RU full	14.63	29.072	23.98	PASS
		SU	14.76	29.955	23.98	PASS
		242/62	13.77	23.849	23.98	PASS
		242/61	13.72	23.576	23.98	PASS
142	5710	RU full	15.83	38.324	23.98	PASS
142	5710(U-NII	SU	15.33	34.109	23.98	PASS
142	5710 (U-NII 3)	SU	6.93	4.927	30	PASS
151	5755	RU full	<b>15.88</b>	<b>38.768</b>	30	PASS
		SU	<b>15.93</b>	<b>39.216</b>	30	PASS
		242/61	15.83	38.324	30	PASS
		242/62	15.86	38.589	30	PASS
159	5795	RU full	12.91	19.564	30	PASS
		SU	12.94	19.700	30	PASS
		242/62	12.87	19.385	30	PASS
		242/61	12.81	19.119	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	RU full	12.85	19.282	23.98	PASS
		SU	12.88	19.415	23.98	PASS
		484/66	12.78	18.973	23.98	PASS
		484/65	12.81	19.105	23.98	PASS
106	5530	RU full	6.57	4.541	23.98	PASS
		SU	8.78	7.553	23.98	PASS
		484/65	8.76	7.519	23.98	PASS
		484/66	8.71	7.433	23.98	PASS
122	5610	RU full	15.86	38.561	23.98	PASS
		SU	<b>15.92</b>	<b>39.097</b>	23.98	PASS
		484/65	15.85	38.472	23.98	PASS
		484/66	15.79	37.944	23.98	PASS
138	5690	RU full	15.80	38.032	23.98	PASS
138	5690(U-NII	SU	15.65	36.710	23.98	PASS
138	5690 (U-NII 3)	SU	3.94	2.477	30	PASS
155	5775	RU full	10.77	11.944	30	PASS
		SU	<b>10.84</b>	<b>12.138</b>	30	PASS
		484/65	10.75	11.889	30	PASS
		484/66	10.78	11.971	30	PASS

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802.11a\_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	15.80	4.60	20.40	109.648	23.01	PASS
44	5220	<b>15.91</b>	4.60	<b>20.51</b>	<b>112.460</b>	23.01	PASS
48	5240	15.85	4.60	20.45	110.917	23.01	PASS
52	5260	<b>17.83</b>	4.60	<b>22.43</b>	<b>174.985</b>	30	PASS
56	5280	17.76	4.60	22.36	172.187	30	PASS
64	5320	15.79	4.60	20.39	109.396	30	PASS
100	5500	15.82	4.60	20.42	110.154	30	PASS
108	5540	17.80	4.60	22.40	173.780	30	PASS
116	5580	<b>17.96</b>	4.60	<b>22.56</b>	<b>180.302</b>	30	PASS
140	5700	<b>14.74</b>	4.60	<b>19.34</b>	<b>85.901</b>	30	PASS

802.11n\_HT20\_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.80	4.60	17.40	54.954	23.01	PASS
44	5220	<b>15.92</b>	4.60	<b>20.52</b>	<b>112.720</b>	23.01	PASS
48	5240	15.87	4.60	20.47	111.429	23.01	PASS
52	5260	<b>15.84</b>	4.60	<b>20.44</b>	<b>110.662</b>	30	PASS
56	5280	15.74	4.60	20.34	108.143	30	PASS
64	5320	12.72	4.60	17.32	53.951	30	PASS
100	5500	12.78	4.60	17.38	54.702	30	PASS
108	5540	<b>15.89</b>	4.60	<b>20.49</b>	<b>111.944</b>	30	PASS
116	5580	15.85	4.60	20.45	110.917	30	PASS
140	5700	<b>11.80</b>	4.60	<b>16.40</b>	<b>43.652</b>	30	PASS

802.11n\_HT40\_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	11.80	4.60	16.40	43.652	23.01	PASS
46	5230	<b>15.92</b>	4.60	<b>20.52</b>	<b>112.720</b>	23.01	PASS
54	5270	<b>15.80</b>	4.60	<b>20.40</b>	<b>109.648</b>	30	PASS
62	5310	12.75	4.60	17.35	54.325	30	PASS
102	5510	11.99	4.60	16.59	45.604	30	PASS
110	5550	<b>15.86</b>	4.60	<b>20.46</b>	<b>111.173</b>	30	PASS
134	5670	<b>14.81</b>	4.60	<b>19.41</b>	<b>87.297</b>	30	PASS

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## 802.11ac\_VHT20\_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	12.77	4.60	17.37	54.576	23.01	PASS
44	5220	<b>15.84</b>	4.60	<b>20.44</b>	<b>110.662</b>	23.01	PASS
48	5240	15.82	4.60	20.42	110.154	23.01	PASS
52	5260	<b>15.79</b>	4.60	<b>20.39</b>	<b>109.396</b>	30	PASS
56	5280	15.69	4.60	20.29	106.905	30	PASS
64	5320	12.66	4.60	17.26	53.211	30	PASS
100	5500	12.70	4.60	17.30	53.703	30	PASS
108	5540	<b>15.79</b>	4.60	<b>20.39</b>	<b>109.396</b>	30	PASS
116	5580	15.76	4.60	20.36	108.643	30	PASS
140	5700	<b>11.72</b>	4.60	<b>16.32</b>	<b>42.855</b>	30	PASS

## 802.11ac\_VHT40\_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	11.80	4.60	16.40	43.652	23.01	PASS
46	5230	<b>15.86</b>	4.60	<b>20.46</b>	<b>111.173</b>	23.01	PASS
54	5270	<b>15.73</b>	4.60	<b>20.33</b>	<b>107.895</b>	30	PASS
62	5310	12.70	4.60	17.30	53.703	30	PASS
102	5510	11.98	4.60	16.58	45.499	30	PASS
110	5550	<b>15.79</b>	4.60	<b>20.39</b>	<b>109.396</b>	30	PASS
134	5670	<b>14.81</b>	4.60	<b>19.41</b>	<b>87.297</b>	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	<b>11.94</b>	4.60	<b>16.54</b>	<b>45.082</b>	23.01	PASS
58	5290	<b>12.88</b>	4.60	<b>17.48</b>	<b>55.976</b>	30	PASS
106	5530	<b>8.98</b>	4.60	<b>13.58</b>	<b>22.803</b>	30	PASS

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802.11ax\_HE20\_Ch0

CH	Frequency (MHz)	RU_full config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	RU_full	12.88	4.60	17.48	55.976	23.01	PASS
		SU	12.92	4.60	17.52	56.494	23.01	PASS
		26/0	9.79	4.60	14.39	27.479	23.01	PASS
		26/8	9.76	4.60	14.36	27.290	23.01	PASS
		52/37	11.83	4.60	16.43	43.954	23.01	PASS
		52/40	11.80	4.60	16.40	43.652	23.01	PASS
		106/53	12.78	4.60	17.38	54.702	23.01	PASS
		106/54	12.84	4.60	17.44	55.463	23.01	PASS
44	5220	RU_full	15.89	4.60	20.49	111.944	23.01	PASS
		SU	<b>15.94</b>	4.60	<b>20.54</b>	<b>113.240</b>	23.01	PASS
		26/0	9.87	4.60	14.47	27.990	23.01	PASS
		26/8	9.78	4.60	14.38	27.416	23.01	PASS
		52/37	11.90	4.60	16.50	44.668	23.01	PASS
		52/40	11.85	4.60	16.45	44.157	23.01	PASS
		106/53	12.77	4.60	17.37	54.576	23.01	PASS
		106/54	12.80	4.60	17.40	54.954	23.01	PASS
48	5240	RU_full	15.82	4.60	20.42	110.154	23.01	PASS
		SU	15.90	4.60	20.50	112.202	23.01	PASS
		26/0	9.81	4.60	14.41	27.606	23.01	PASS
		26/8	9.77	4.60	14.37	27.353	23.01	PASS
		52/37	11.80	4.60	16.40	43.652	23.01	PASS
		52/40	11.83	4.60	16.43	43.954	23.01	PASS
		106/53	12.90	4.60	17.50	56.234	23.01	PASS
		106/54	12.97	4.60	17.57	57.148	23.01	PASS
52	5260	RU_full	15.88	4.60	20.48	111.686	30	PASS
		SU	15.93	4.60	20.53	112.980	30	PASS
56	5280	RU_full	15.84	4.60	20.44	110.662	30	PASS
		SU	15.92	4.60	20.52	112.720	30	PASS
		26/0	12.77	4.60	17.37	54.576	30	PASS
		26/8	12.83	4.60	17.43	55.335	30	PASS
		52/37	15.81	4.60	20.41	109.901	30	PASS
		52/40	15.75	4.60	20.35	108.393	30	PASS
		106/53	15.80	4.60	20.40	109.648	30	PASS
		106/54	15.78	4.60	20.38	109.144	30	PASS
64	5320	RU_full	12.87	4.60	17.47	55.847	30	PASS
		SU	12.90	4.60	17.50	56.234	30	PASS
		26/8	12.82	4.60	17.42	55.208	30	PASS
		26/0	12.76	4.60	17.36	54.450	30	PASS
		52/40	12.77	4.60	17.37	54.576	30	PASS
		52/37	12.85	4.60	17.45	55.590	30	PASS
		106/54	12.79	4.60	17.39	54.828	30	PASS
		106/53	12.84	4.60	17.44	55.463	30	PASS
100	5500	RU_full	12.88	4.60	17.48	55.976	30	PASS
		SU	12.92	4.60	17.52	56.494	30	PASS
		26/0	12.81	4.60	17.41	55.081	30	PASS
		26/8	12.76	4.60	17.36	54.450	30	PASS
		52/37	12.72	4.60	17.32	53.951	30	PASS
		52/40	12.85	4.60	17.45	55.590	30	PASS
		106/53	12.79	4.60	17.39	54.828	30	PASS
		106/54	12.74	4.60	17.34	54.200	30	PASS
108	5540	RU_full	15.84	4.60	20.44	110.662	30	PASS
		SU	15.90	4.60	20.50	112.202	30	PASS
		26/0	12.84	4.60	17.44	55.463	30	PASS
		26/8	12.76	4.60	17.36	54.450	30	PASS
		52/37	15.77	4.60	20.37	108.893	30	PASS
		52/40	15.73	4.60	20.33	107.895	30	PASS
		106/53	15.75	4.60	20.35	108.393	30	PASS
		106/54	15.83	4.60	20.43	110.408	30	PASS
116	5580	RU_full	15.83	4.60	20.43	110.408	30	PASS
		SU	15.87	4.60	20.47	111.429	30	PASS
136	5680	RU_full	15.90	4.60	20.50	112.202	30	PASS
		SU	<b>15.93</b>	4.60	<b>20.53</b>	<b>112.980</b>	30	PASS
		26/8	12.81	4.60	17.41	55.081	30	PASS
		26/0	12.76	4.60	17.36	54.450	30	PASS
		52/40	15.83	4.60	20.43	110.408	30	PASS
		52/37	15.80	4.60	20.40	109.648	30	PASS
		106/54	15.77	4.60	20.37	108.893	30	PASS
		106/53	15.81	4.60	20.41	109.901	30	PASS
140	5700	RU_full	11.74	4.60	16.34	43.053	30	PASS
		SU	11.87	4.60	16.47	44.361	30	PASS
		26/8	8.72	4.60	13.32	21.478	30	PASS
		26/0	8.67	4.60	13.27	21.232	30	PASS
		52/40	<b>11.80</b>	4.60	<b>16.40</b>	<b>43.652</b>	30	PASS
		52/37	11.64	4.60	16.24	42.073	30	PASS
		106/54	<b>11.71</b>	4.60	<b>16.31</b>	<b>42.756</b>	30	PASS
		106/53	<b>11.63</b>	4.60	<b>16.23</b>	<b>41.976</b>	30	PASS

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## 802.11ax\_HE40\_Ch0

CH	Frequency (MHz)	RU_full config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	RU_full	8.87	4.60	13.47	22.233	23.01	PASS
		SU	11.80	4.60	16.40	43.652	23.01	PASS
		242/61	11.74	4.60	16.34	43.053	23.01	PASS
		242/62	11.77	4.60	16.37	43.351	23.01	PASS
46	5230	RU_full	15.88	4.60	20.48	111.686	23.01	PASS
		SU	15.92	4.60	20.52	112.720	23.01	PASS
		242/61	15.84	4.60	20.44	110.662	23.01	PASS
		242/62	15.82	4.60	20.42	110.154	23.01	PASS
54	5270	RU_full	15.86	4.60	20.46	111.173	30	PASS
		SU	15.91	4.60	20.51	112.460	30	PASS
		242/61	15.82	4.60	20.42	110.154	30	PASS
		242/62	15.81	4.60	20.41	109.901	30	PASS
62	5310	RU_full	12.61	4.60	17.21	52.602	30	PASS
		SU	12.93	4.60	17.53	56.624	30	PASS
		242/62	12.78	4.60	17.38	54.702	30	PASS
		242/61	12.75	4.60	17.35	54.325	30	PASS
102	5510	RU_full	4.53	4.60	9.13	8.185	30	PASS
		SU	11.70	4.60	16.30	42.658	30	PASS
		242/61	9.57	4.60	14.17	26.122	30	PASS
		242/62	9.79	4.60	14.39	27.479	30	PASS
110	5550	RU_full	15.90	4.60	20.50	112.202	30	PASS
		SU	<b>15.94</b>	4.60	<b>20.54</b>	<b>113.240</b>	30	PASS
		242/61	15.84	4.60	20.44	110.662	30	PASS
		242/62	15.87	4.60	20.47	111.429	30	PASS
134	5670	RU_full	14.63	4.60	19.23	83.753	30	PASS
		SU	14.76	4.60	19.36	86.298	30	PASS
		242/62	<b>13.77</b>	4.60	<b>18.37</b>	<b>68.707</b>	30	PASS
		242/61	<b>13.72</b>	4.60	<b>18.32</b>	<b>67.920</b>	30	PASS

## 802.11ax\_HE80\_Ch0

CH	Frequency (MHz)	RU_full config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	RU_full	8.60	4.60	13.20	20.893	23.01	PASS
		SU	11.51	4.60	16.11	40.832	23.01	PASS
		484/65	11.52	4.60	16.12	40.926	23.01	PASS
		484/66	11.78	4.60	16.38	43.451	23.01	PASS
58	5290	RU_full	12.85	4.60	17.45	55.590	30	PASS
		SU	<b>12.88</b>	4.60	<b>17.48</b>	<b>55.976</b>	30	PASS
		484/66	12.78	4.60	17.38	54.702	30	PASS
		484/65	12.81	4.60	17.41	55.081	30	PASS
106	5530	RU_full	6.57	4.60	11.17	13.092	30	PASS
		SU	<b>8.78</b>	4.60	<b>13.38</b>	<b>21.777</b>	30	PASS
		484/66	8.76	4.60	13.36	21.677	30	PASS
		484/65	<b>8.71</b>	4.60	<b>13.31</b>	<b>21.429</b>	30	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
		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
<p>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.</p>				

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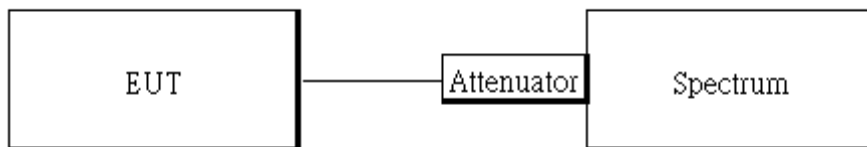
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FREQUENCY BAND (MHz)	EUT CATEGORY		RSS-247 §6.2.1~6.2.4	
			EIRP Density	Power Density
5150~5250		OEM devices installed in vehicles	N/A	N/A
	V	Other device	10 dBm/MHz	N/A
5250~5350		OEM devices installed in vehicles	N/A	N/A
	V	Other device	N/A	11 dBm/MHz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

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

### 10.4 Measurement Result

POWER DENSITY 802.11a MODE					
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	5.145	5.15		11.00 dBm/MHz	-5.86
5220	7.167	7.17		11.00 dBm/MHz	-3.83
5240	6.915	6.92		11.00 dBm/MHz	-4.09
5260	6.546	6.55		11.00 dBm/MHz	-4.45
5280	6.335	6.34		11.00 dBm/MHz	-4.67
5320	3.834	3.83		11.00 dBm/MHz	-7.17
5500	4.313	4.31		11.00 dBm/MHz	-6.69
5540	5.212	5.21		11.00 dBm/MHz	-5.79
5580	6.710	6.71		11.00 dBm/MHz	-4.29
5700	5.601	5.60		11.00 dBm/MHz	-5.40
5720 (U-NII 2C)	5.819	5.82		11.00 dBm/MHz	-5.18
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Maxmum Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	0.027	2.22	2.25	30.00 dBm/500kHz	-27.75
5745	1.630	2.22	3.85	30.00 dBm/500kHz	-26.15
5785	1.053	2.22	3.27	30.00 dBm/500kHz	-26.73
5825	-0.345	2.22	1.88	30.00 dBm/500kHz	-28.13

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POWER DENSITY 802.11n HT20 MODE					
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	1.783	1.78		11.00 dBm/MHz	-9.22
5220	4.869	4.87		11.00 dBm/MHz	-6.13
5240	4.915	4.92		11.00 dBm/MHz	-6.09
5260	4.275	4.28		11.00 dBm/MHz	-6.73
5280	4.297	4.30		11.00 dBm/MHz	-6.70
5320	0.757	0.76		11.00 dBm/MHz	-10.24
5500	1.769	1.77		11.00 dBm/MHz	-9.23
5580	4.613	4.61		11.00 dBm/MHz	-6.39
5700	0.054	0.05		11.00 dBm/MHz	-10.95
5720 (U-NII 2C)	3.941	3.94		11.00 dBm/MHz	-7.06
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Maxmum Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-1.104	2.22	1.12	30.00 dBm/500kHz	-28.88
5745	-0.188	2.22	2.03	30.00 dBm/500kHz	-27.97
5785	-0.601	2.22	1.62	30.00 dBm/500kHz	-28.38
5825	-3.306	2.22	-1.09	30.00 dBm/500kHz	-31.09
POWER DENSITY 802.11n HT40 MODE					
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	-1.615	-1.52		11.00 dBm/MHz	-12.52
5230	0.534	0.63		11.00 dBm/MHz	-10.37
5270	0.283	0.38		11.00 dBm/MHz	-10.62
5310	-3.252	-3.15		11.00 dBm/MHz	-14.15
5510	-2.700	-2.60		11.00 dBm/MHz	-13.60
5550	-1.235	-1.14		11.00 dBm/MHz	-12.14
5670	0.236	0.34		11.00 dBm/MHz	-10.66
5710 (U-NII 2C)	-1.113	-1.01		11.00 dBm/MHz	-12.01
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Maxmum Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-6.511	2.22	-4.19	30.00 dBm/500kHz	-34.19
5755	-5.245	2.22	-2.93	30.00 dBm/500kHz	-32.93
5795	-8.807	2.22	-6.49	30.00 dBm/500kHz	-36.49

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POWER DENSITY 802.11ac VHT80 MODE					
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	-5.400			11.00 dBm/MHz	-16.20
5290	-6.368			11.00 dBm/MHz	-17.17
5530	-9.475			11.00 dBm/MHz	-20.28
5610	-4.879			11.00 dBm/MHz	-15.68
5690 (U-NII 2C)	-4.316			11.00 dBm/MHz	-15.12
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Maximum Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	-9.756	2.22	-7.34	30.00 dBm/500kHz	-37.34
5775	-11.869	2.22	-9.45	30.00 dBm/500kHz	-39.45

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POWER DENSITY 802.11ax HE20 MODE						
Frequency (MHz)	RU_full config.	Ch0 meas PSD (dBm/MHz)	Maximum Cor'd PSD(dBm/MHz)	Limit	Margin (dB)	
5180	RU_full	1.528	1.53	11.00 dBm/MHz	-9.47	
	SU	1.665	1.67	11.00 dBm/MHz	-9.34	
	26/0	9.062	9.06	11.00 dBm/MHz	-1.94	
	26/8	10.129	10.13	11.00 dBm/MHz	-0.87	
	52/37	7.257	7.26	11.00 dBm/MHz	-3.74	
	52/40	8.057	8.06	11.00 dBm/MHz	-2.94	
	106/53	4.766	4.77	11.00 dBm/MHz	-6.23	
	106/54	4.933	4.93	11.00 dBm/MHz	-6.07	
5220	RU_full	4.799	4.80	11.00 dBm/MHz	-6.20	
	SU	4.856	4.86	11.00 dBm/MHz	-6.14	
	26/0	10.572	10.57	11.00 dBm/MHz	-0.43	
	26/8	10.508	10.51	11.00 dBm/MHz	-0.49	
	52/37	10.989	10.99	11.00 dBm/MHz	-0.01	
	52/40	10.914	10.91	11.00 dBm/MHz	-0.09	
	106/53	7.865	7.87	11.00 dBm/MHz	-3.14	
	106/54	8.250	8.25	11.00 dBm/MHz	-2.75	
5240	RU_full	4.830	4.83	11.00 dBm/MHz	-6.17	
	SU	5.046	5.05	11.00 dBm/MHz	-5.95	
	26/0	10.569	10.57	11.00 dBm/MHz	-0.43	
	26/8	10.644	10.64	11.00 dBm/MHz	-0.36	
	52/37	10.943	10.94	11.00 dBm/MHz	-0.06	
	52/40	10.609	10.61	11.00 dBm/MHz	-0.39	
	106/53	8.087	8.09	11.00 dBm/MHz	-2.91	
	106/54	7.753	7.75	11.00 dBm/MHz	-3.25	
5260	RU_full	4.188	4.19	11.00 dBm/MHz	-6.81	
	SU	4.500	4.50	11.00 dBm/MHz	-6.50	
5280	RU_full	4.253	4.25	11.00 dBm/MHz	-6.75	
	SU	4.343	4.34	11.00 dBm/MHz	-6.66	
	26/0	10.254	10.25	11.00 dBm/MHz	-0.75	
	26/8	9.582	9.58	11.00 dBm/MHz	-1.42	
	52/37	10.431	10.43	11.00 dBm/MHz	-0.57	
	52/40	10.844	10.84	11.00 dBm/MHz	-0.16	
	106/53	7.909	7.91	11.00 dBm/MHz	-3.09	
	106/54	7.779	7.78	11.00 dBm/MHz	-3.22	
5320	RU_full	1.201	1.20	11.00 dBm/MHz	-9.80	
	SU	1.082	1.08	11.00 dBm/MHz	-9.92	
	26/8	9.125	9.13	11.00 dBm/MHz	-1.88	
	26/0	9.697	9.70	11.00 dBm/MHz	-1.30	
	52/40	7.044	7.04	11.00 dBm/MHz	-3.96	
	52/37	7.746	7.75	11.00 dBm/MHz	-3.25	
	106/54	4.284	4.28	11.00 dBm/MHz	-6.72	
	106/53	4.833	4.83	11.00 dBm/MHz	-6.17	
5500	RU_full	1.352	1.35	11.00 dBm/MHz	-9.65	
	SU	1.447	1.45	11.00 dBm/MHz	-9.55	
	26/0	9.562	9.56	11.00 dBm/MHz	-1.44	
	26/8	8.258	8.26	11.00 dBm/MHz	-2.74	
	52/37	7.114	7.11	11.00 dBm/MHz	-3.89	
	52/40	7.355	7.36	11.00 dBm/MHz	-3.65	
	106/53	4.675	4.68	11.00 dBm/MHz	-6.33	
	106/54	5.215	5.22	11.00 dBm/MHz	-5.79	
5540	RU_full	4.673	4.67	11.00 dBm/MHz	-6.33	
	SU	3.914	3.91	11.00 dBm/MHz	-7.09	
	26/8	10.080	10.08	11.00 dBm/MHz	-0.92	
	26/0	10.142	10.14	11.00 dBm/MHz	-0.86	
	52/40	10.903	10.90	11.00 dBm/MHz	-0.10	
	52/37	10.516	10.52	11.00 dBm/MHz	-0.48	
	106/54	7.866	7.87	11.00 dBm/MHz	-3.13	
	106/53	8.066	8.07	11.00 dBm/MHz	-2.93	
5580	RU_full	4.014	4.01	11.00 dBm/MHz	-6.99	
	SU	4.695	4.70	11.00 dBm/MHz	-6.31	
5680	RU_full	4.611	4.61	11.00 dBm/MHz	-6.39	
	SU	4.239	4.24	11.00 dBm/MHz	-6.76	
	26/8	9.755	9.76	11.00 dBm/MHz	-1.25	
	26/0	10.122	10.12	11.00 dBm/MHz	-0.88	
	52/40	10.514	10.51	11.00 dBm/MHz	-0.49	
	52/37	10.411	10.41	11.00 dBm/MHz	-0.59	
	106/54	7.918	7.92	11.00 dBm/MHz	-3.08	
	106/53	7.810	7.81	11.00 dBm/MHz	-3.19	
5700	RU_full	-0.181	-0.18	11.00 dBm/MHz	-11.18	
	SU	0.615	0.62	11.00 dBm/MHz	-10.39	
	26/8	4.494	4.49	11.00 dBm/MHz	-6.51	
	26/0	5.100	5.10	11.00 dBm/MHz	-5.90	
	52/40	6.643	6.64	11.00 dBm/MHz	-4.36	
	52/37	6.542	6.54	11.00 dBm/MHz	-4.46	
	106/54	4.398	4.40	11.00 dBm/MHz	-6.60	
	106/53	4.238	4.24	11.00 dBm/MHz	-6.76	
5720 (U-NII 2C)	RU_full	3.652	3.65	11.00 dBm/MHz	-7.35	
5720 (U-NII 2C)	SU	3.821	3.82	11.00 dBm/MHz	-7.18	
Frequency (MHz)	RU_full config.	Ch0 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Maximum Cor'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	RU_full	-1.559	2.22	0.66	30.00 dBm/499kHz	-29.34
5720 (U-NII 3)	SU	-1.267	2.22	0.95	30.00 dBm/500kHz	-29.05
5745	RU_full	-0.603	2.22	1.62	30.00 dBm/499kHz	-28.38
	SU	-0.212	2.22	2.01	30.00 dBm/500kHz	-27.99
	26/0	4.719	2.22	6.94	30.00 dBm/500kHz	-23.06
	26/8	4.806	2.22	7.03	30.00 dBm/501kHz	-22.97
	52/37	6.121	2.22	8.34	30.00 dBm/502kHz	-21.66
	52/40	5.627	2.22	7.85	30.00 dBm/503kHz	-22.15
	106/53	3.051	2.22	5.27	30.00 dBm/504kHz	-24.73
	106/54	3.130	2.22	5.35	30.00 dBm/505kHz	-24.65
5785	RU_full	-0.922	2.22	1.30	30.00 dBm/506kHz	-28.70
	SU	-0.582	2.22	1.64	30.00 dBm/507kHz	-28.36
	26/0	4.919	2.22	7.14	30.00 dBm/508kHz	-22.86
	26/8	4.862	2.22	7.08	30.00 dBm/509kHz	-22.92
	52/37	5.838	2.22	8.06	30.00 dBm/510kHz	-21.94
	52/40	5.025	2.22	7.25	30.00 dBm/511kHz	-22.76
	106/53	2.574	2.22	4.79	30.00 dBm/512kHz	-25.21
	106/54	2.929	2.22	5.15	30.00 dBm/513kHz	-24.85
5825	RU_full	-2.945	2.22	-0.73	30.00 dBm/514kHz	-30.73
	SU	-2.894	2.22	-0.67	30.00 dBm/515kHz	-30.67
	26/8	5.552	2.22	7.77	30.00 dBm/516kHz	-22.23
	26/0	5.917	2.22	8.14	30.00 dBm/517kHz	-21.86
	52/40	3.039	2.22	5.28	30.00 dBm/518kHz	-24.74
	52/37	2.767	2.22	4.99	30.00 dBm/519kHz	-25.01
	106/54	-0.161	2.22	2.06	30.00 dBm/520kHz	-27.94
	106/53	0.184	2.22	2.40	30.00 dBm/521kHz	-27.60

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POWER DENSITY 802.11ax HE40 MODE						
Frequency (MHz)	RU_full config.	Ch0 meas PSD (dBm/MHz)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	RU_full	-5.039	-4.92		11.00 dBm/MHz	-15.92
	SU	-2.673	-2.55		11.00 dBm/MHz	-13.55
	242/61	1.493	1.61		11.00 dBm/MHz	-9.39
	242/62	1.970	2.09		11.00 dBm/MHz	-8.91
5230	RU_full	1.758	1.88		11.00 dBm/MHz	-9.12
	SU	-1.252	-1.13		11.00 dBm/MHz	-12.13
	242/61	4.801	4.92		11.00 dBm/MHz	-6.08
	242/62	4.600	4.72		11.00 dBm/MHz	-6.28
5270	RU_full	1.595	1.72		11.00 dBm/MHz	-9.29
	SU	1.492	1.61		11.00 dBm/MHz	-9.39
	242/61	4.619	4.74		11.00 dBm/MHz	-6.26
	242/62	4.463	4.58		11.00 dBm/MHz	-6.42
5310	RU_full	-1.604	-1.48		11.00 dBm/MHz	-12.48
	SU	-1.687	-1.57		11.00 dBm/MHz	-12.57
	242/62	1.176	1.30		11.00 dBm/MHz	-9.70
	242/61	1.751	1.87		11.00 dBm/MHz	-9.13
5510	RU_full	-9.970	-9.85		11.00 dBm/MHz	-20.85
	SU	-2.879	-2.76		11.00 dBm/MHz	-13.76
	242/61	-0.451	-0.33		11.00 dBm/MHz	-11.33
	242/62	-1.992	-1.87		11.00 dBm/MHz	-12.87
5550	RU_full	2.011	2.13		11.00 dBm/MHz	-8.87
	SU	1.387	1.51		11.00 dBm/MHz	-9.49
	242/61	4.824	4.94		11.00 dBm/MHz	-6.06
	242/62	4.732	4.85		11.00 dBm/MHz	-6.15
5670	RU_full	1.532	1.65		11.00 dBm/MHz	-9.35
	SU	0.806	0.93		11.00 dBm/MHz	-10.07
	242/62	3.115	3.24		11.00 dBm/MHz	-7.77
	242/61	2.756	2.88		11.00 dBm/MHz	-8.12
5710 (U-NII 2C)	RU_full	0.848	0.97		11.00 dBm/MHz	-10.03
5710 (U-NII 2C)	SU	1.640	1.76		11.00 dBm/MHz	-9.24
Frequency (MHz)	RU_full config.	Ch0 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Maxmum Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	RU_full	-4.763	2.22	-2.42	30.00 dBm/499kHz	-32.42
5710 (U-NII 3)	SU	-4.852	2.22	-2.51	30.00 dBm/500kHz	-32.51
5755	RU_full	-3.799	2.22	-1.46	30.00 dBm/495kHz	-31.46
	SU	-3.360	2.22	-1.02	30.00 dBm/496kHz	-31.02
	242/61	0.009	2.22	2.35	30.00 dBm/497kHz	-27.65
	242/62	-1.012	2.22	1.33	30.00 dBm/498kHz	-28.67
5795	RU_full	-6.680	2.22	-4.34	30.00 dBm/499kHz	-34.34
	SU	-6.293	2.22	-3.95	30.00 dBm/500kHz	-33.95
	242/62	-3.749	2.22	-1.41	30.00 dBm/500kHz	-31.41
	242/61	-3.652	2.22	-1.31	30.00 dBm/500kHz	-31.31

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POWER DENSITY 802.11ax HE80 MODE						
Frequency (MHz)	RU_full config.	Ch0 meas PSD (dBm/MHz)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	RU_full	-8.180			11.00 dBm/MHz	-18.95
	SU	-6.029			11.00 dBm/MHz	-16.80
	484/65	-2.473			11.00 dBm/MHz	-13.24
	484/66	-1.507			11.00 dBm/MHz	-12.28
5290	RU_full	-5.137			11.00 dBm/MHz	-15.91
	SU	-4.766			11.00 dBm/MHz	-15.54
	484/66	-2.013			11.00 dBm/MHz	-12.78
	484/65	-1.944			11.00 dBm/MHz	-12.71
5530	RU_full	-11.076			11.00 dBm/MHz	-21.85
	SU	-9.133			11.00 dBm/MHz	-19.90
	484/65	-3.138			11.00 dBm/MHz	-13.91
	484/66	-1.315			11.00 dBm/MHz	-12.09
5610	RU_full	-1.496			11.00 dBm/MHz	-12.27
	SU	-1.926			11.00 dBm/MHz	-12.70
	484/66	-5.516			11.00 dBm/MHz	-16.29
	484/65	-6.337			11.00 dBm/MHz	-17.11
5690	RU_full	-1.929			11.00 dBm/MHz	-12.70
5690 (U-NII 2C)	SU	-1.750			11.00 dBm/MHz	-12.52
Frequency (MHz)	RU_full config.	Ch0 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Maxmum Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	RU_full	-7.874	2.22	-5.42	30.00 dBm/499kHz	-35.42
5690 (U-NII 3)	SU	-8.234	2.22	-5.78	30.00 dBm/500kHz	-35.78
5775	RU_full	-12.253	2.22	-9.80	30.00 dBm/499kHz	-39.80
	SU	-11.291	2.22	-8.84	30.00 dBm/500kHz	-38.84
	484/65	-8.829	2.22	-6.38	30.00 dBm/500kHz	-36.38
	484/66	-9.001	2.22	-6.55	30.00 dBm/500kHz	-36.55

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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	4.24	4.60	8.84	10	-1.16
5220	4.66	4.60	9.26	10	-0.75
5240	5.05	4.60	9.65	10	-0.35
EIRP spectral density 802.11n HT20 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	1.78	4.60	6.38	10	-3.62
5220	4.87	4.60	9.47	10	-0.53
5240	4.92	4.60	9.52	10	-0.48
EIRP spectral density 802.11n HT40 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5190	-1.52	4.60	3.09	10	-6.92
5230	0.63	4.60	5.23	10	-4.77
EIRP spectral density 802.11ac VHT80 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5210	-5.20	4.60	-0.60	10	-10.60

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EIRP spectral density 802.11ax HE20 MODE						
Freq. (MHz)	RU_full config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	RU_full	1.53	4.60	6.13	10	-3.87
	SU	1.67	4.60	6.27	10	-3.74
	26/0	4.99	4.60	9.59	10	-0.41
	26/8	5.08	4.60	9.68	10	-0.32
	52/37	4.31	4.60	8.91	10	-1.09
	52/40	4.90	4.60	9.50	10	-0.50
	106/53	4.77	4.60	9.37	10	-0.63
	106/54	4.93	4.60	9.53	10	-0.47
5220	RU_full	4.80	4.60	9.40	10	-0.60
	SU	4.86	4.60	9.46	10	-0.54
	26/0	4.04	4.60	8.64	10	-1.36
	26/8	4.82	4.60	9.42	10	-0.58
	52/37	4.34	4.60	8.94	10	-1.06
	52/40	4.81	4.60	9.41	10	-0.60
	106/53	4.66	4.60	9.26	10	-0.74
	106/54	4.86	4.60	9.46	10	-0.54
5240	RU_full	4.83	4.60	9.43	10	-0.57
	SU	5.05	4.60	9.65	10	-0.35
	26/0	4.82	4.60	9.42	10	-0.58
	26/8	4.97	4.60	9.57	10	-0.43
	52/37	4.96	4.60	9.56	10	-0.44
	52/40	4.40	4.60	9.00	10	-1.00
	106/53	5.03	4.60	9.63	10	-0.37
	106/54	5.32	4.60	9.92	10	-0.08

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EIRP spectral density 802.11ax HE40 MODE						
Freq. (MHz)	RU_full config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5190	RU_full	-4.92	4.60	-0.32	10	-10.32
	SU	-2.55	4.60	2.05	10	-7.95
	242/61	1.61	4.60	6.21	10	-3.79
	242/62	2.09	4.60	6.69	10	-3.31
5230	RU_full	1.88	4.60	6.48	10	-3.52
	SU	-1.13	4.60	3.47	10	-6.53
	242/61	4.92	4.60	9.52	10	-0.48
	242/62	4.72	4.60	9.32	10	-0.68
EIRP spectral density 802.11ax HE80 MODE						
Freq. (MHz)	RU_full config.	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5210	RU_full	-7.95	4.60	-3.35	10	-13.35
	SU	-5.80	4.60	-1.20	10	-11.20
	484/65	-2.24	4.60	2.36	10	-7.64
	484/65	-1.28	4.60	3.32	10	-6.68

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