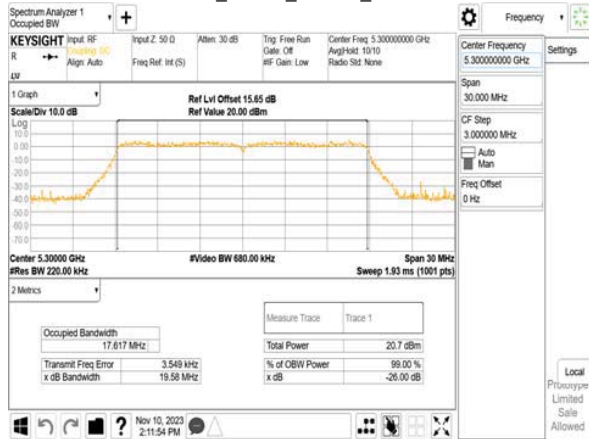
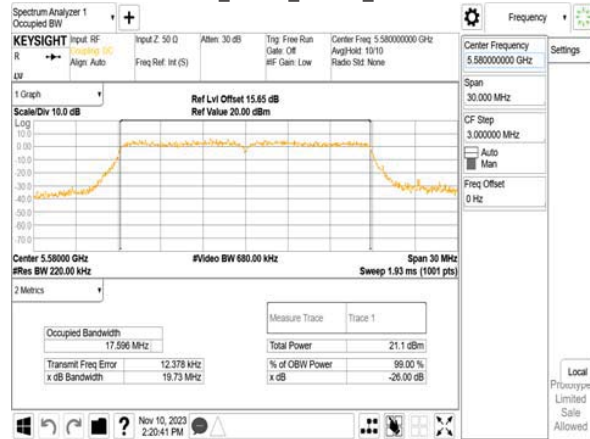


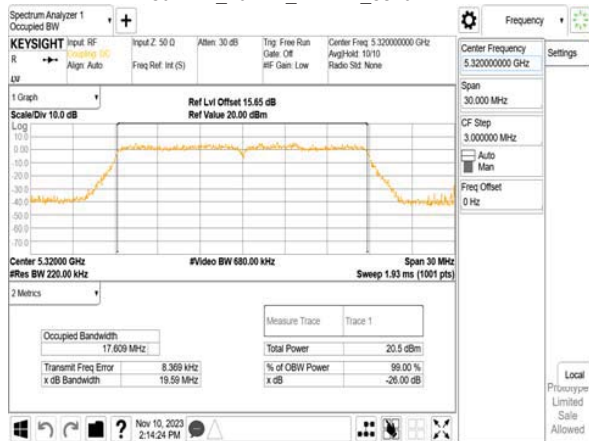
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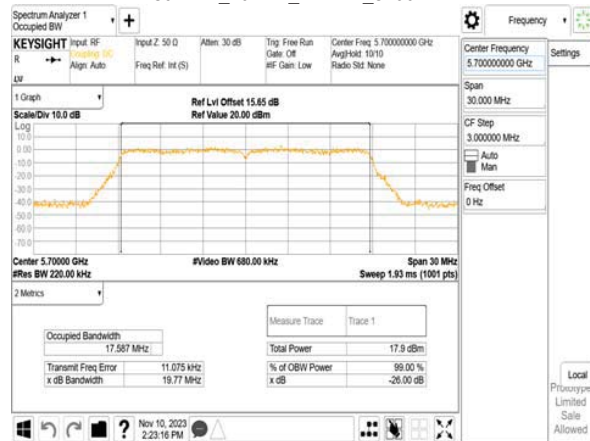
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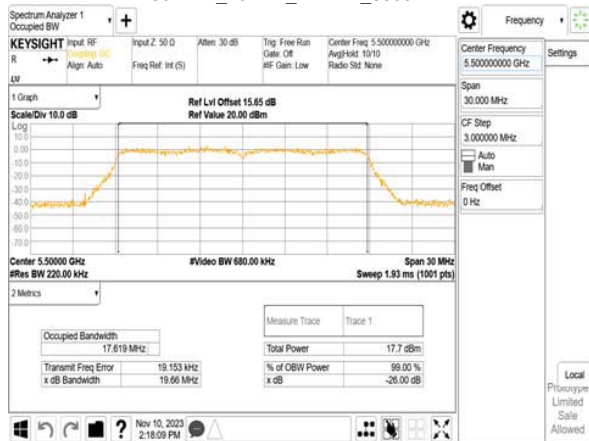
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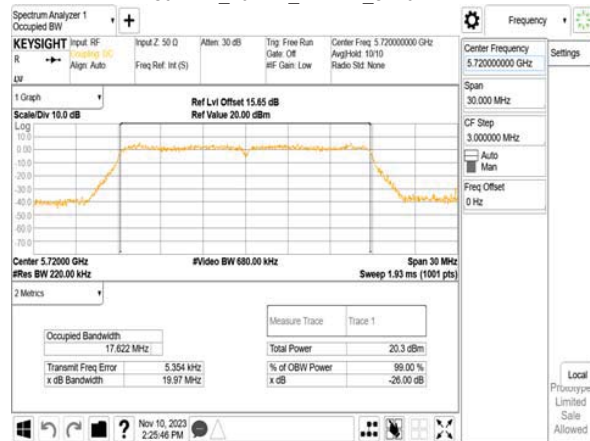
802.11n_20MHz_WLAN1_5700MHz



802.11n_20MHz_WLAN1_5500MHz



802.11n_20MHz_WLAN1_5720MHz



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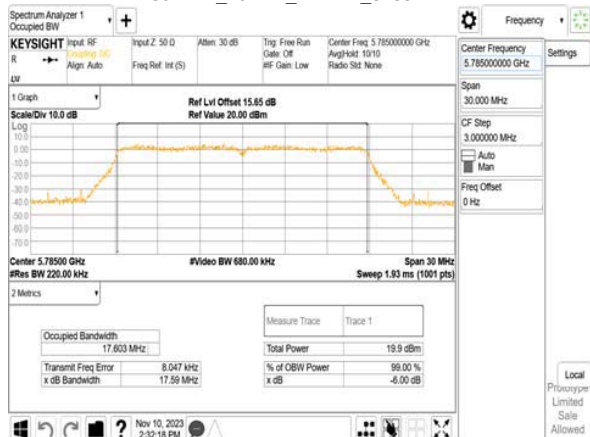
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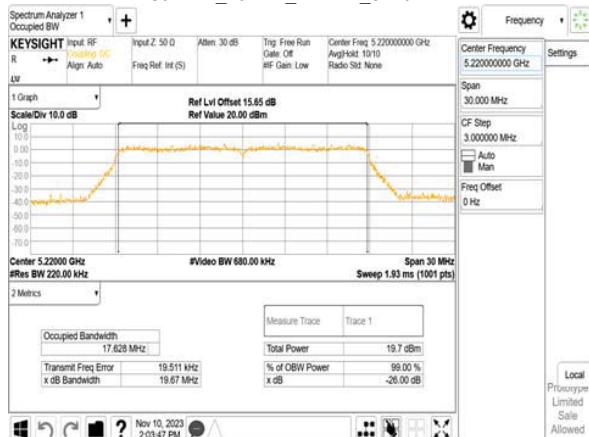
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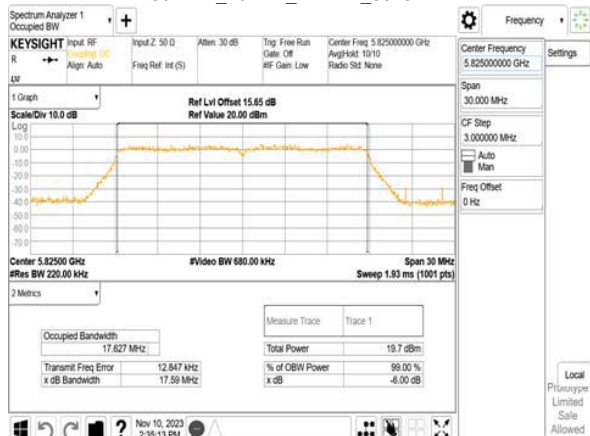
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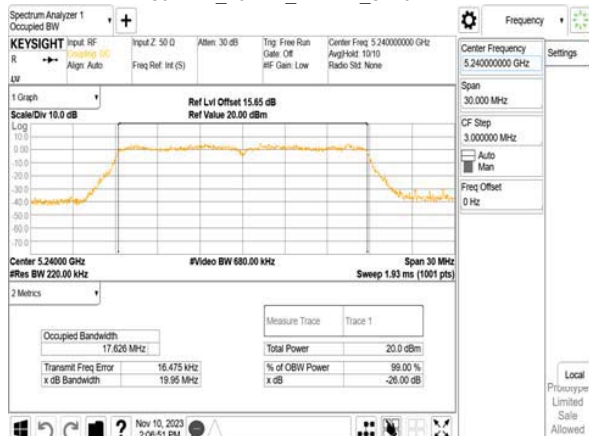
802.11n_20MHz_WLAN2_5220MHz



802.11n_20MHz_WLAN1_5825MHz



802.11n_20MHz_WLAN2_5240MHz



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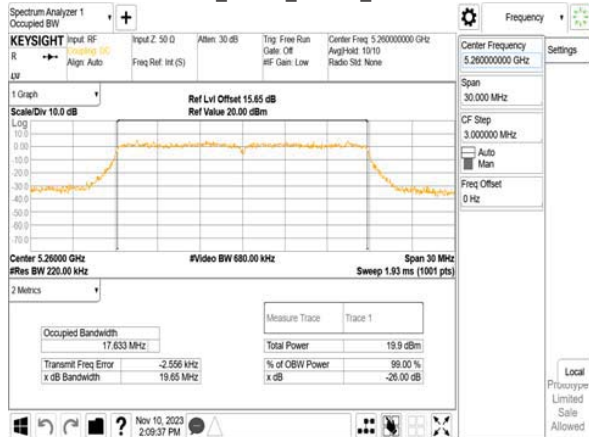
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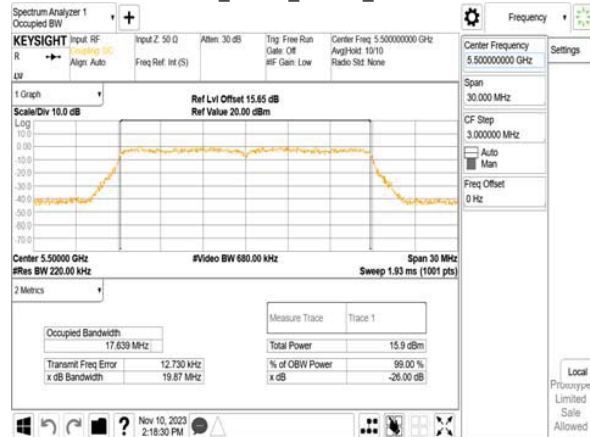
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802.11n_20MHz_WLAN2_5260MHz



802.11n_20MHz_WLAN2_5500MHz



802.11n_20MHz_WLAN2_5300MHz



802.11n_20MHz_WLAN2_5580MHz



802.11n_20MHz_WLAN2_5320MHz



802.11n_20MHz_WLAN2_5700MHz



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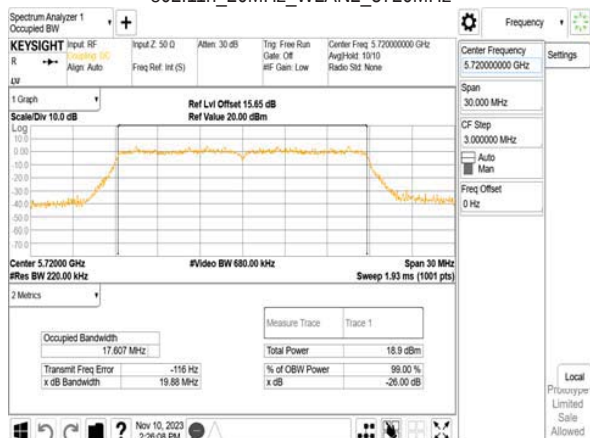
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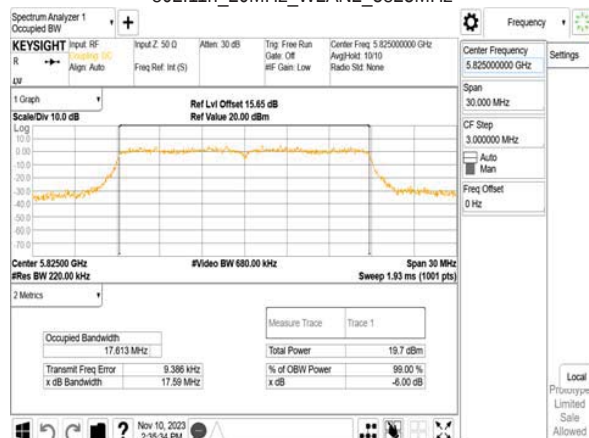
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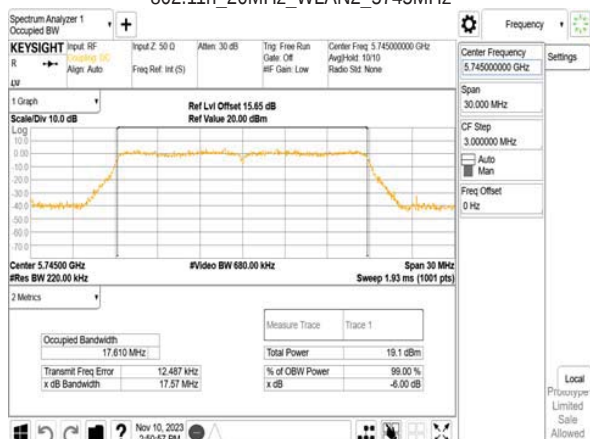
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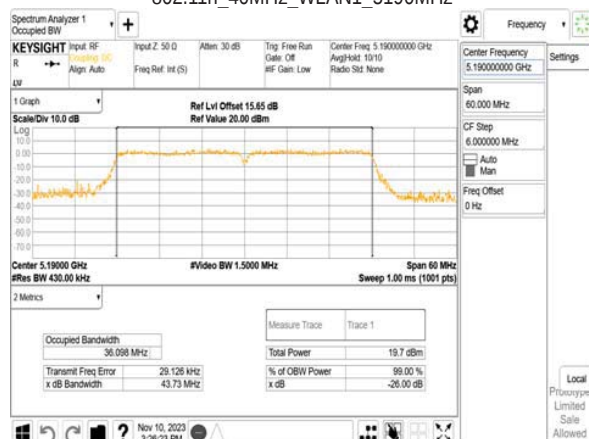
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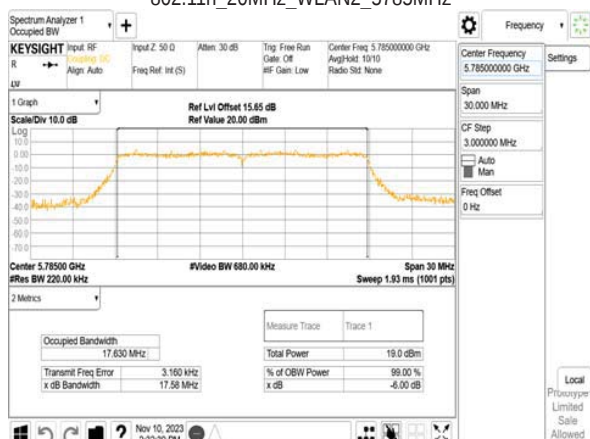
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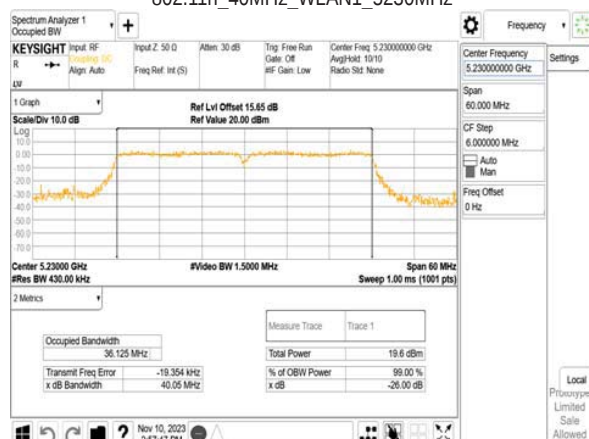
802.11n_40MHz_WLAN1_5190MHz



802.11n_20MHz_WLAN2_5785MHz



802.11n_40MHz_WLAN1_5230MHz



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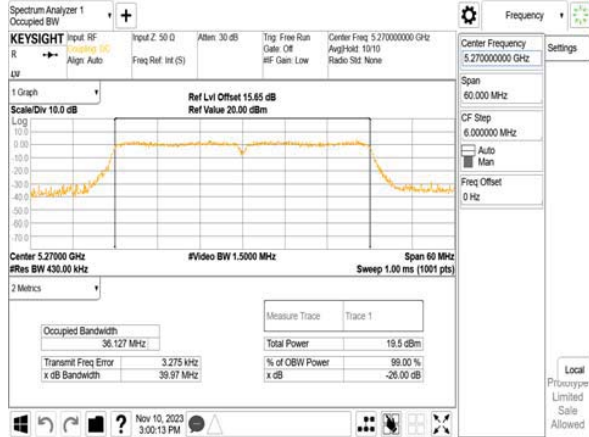
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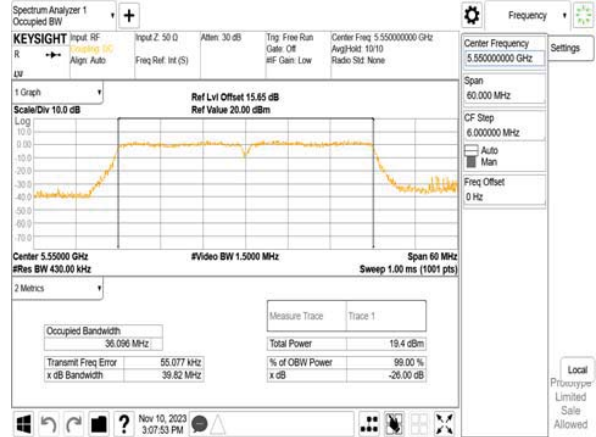
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802.11n_40MHz_WLAN1_5270MHz



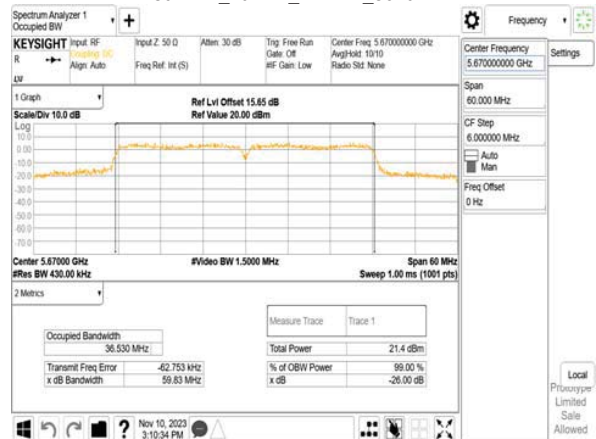
802.11n_40MHz_WLAN1_5550MHz



802.11n_40MHz_WLAN1_5310MHz



802.11n_40MHz_WLAN1_5670MHz



802.11n_40MHz_WLAN1_5510MHz



802.11n_40MHz_WLAN1_5710MHz



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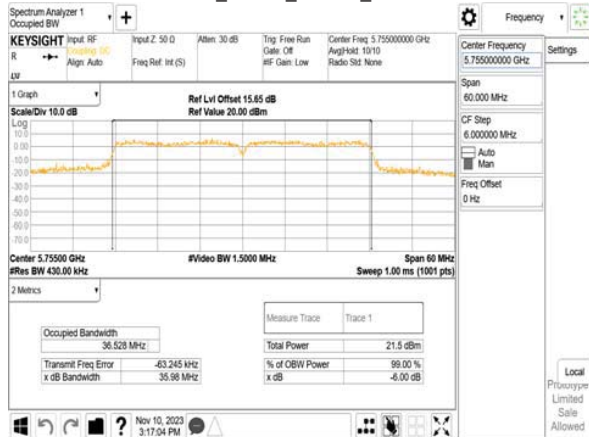
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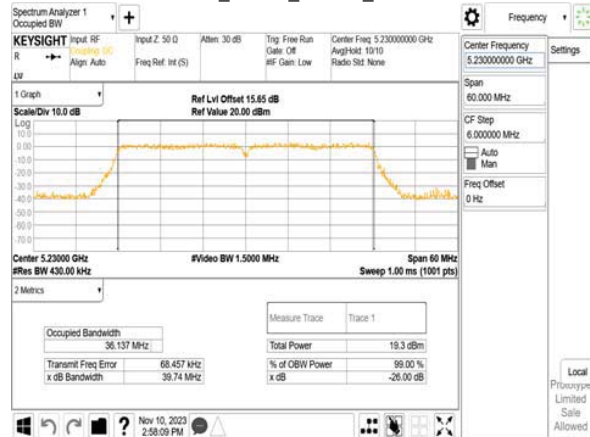
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802.11n_40MHz_WLAN1_5755MHz



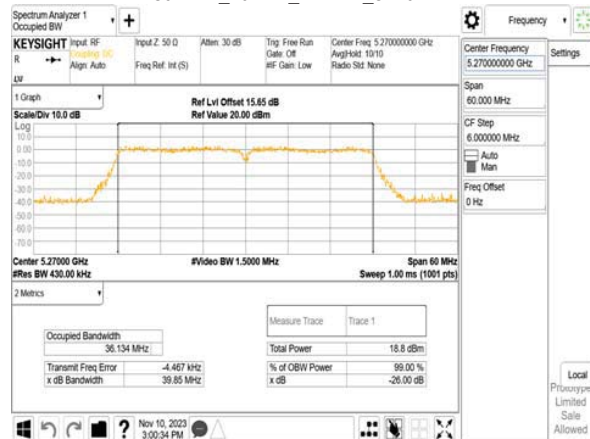
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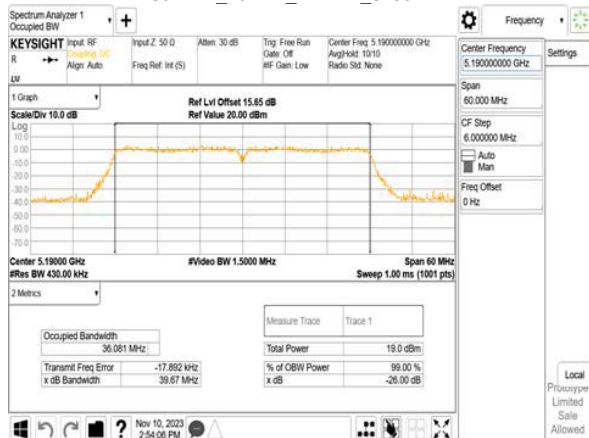
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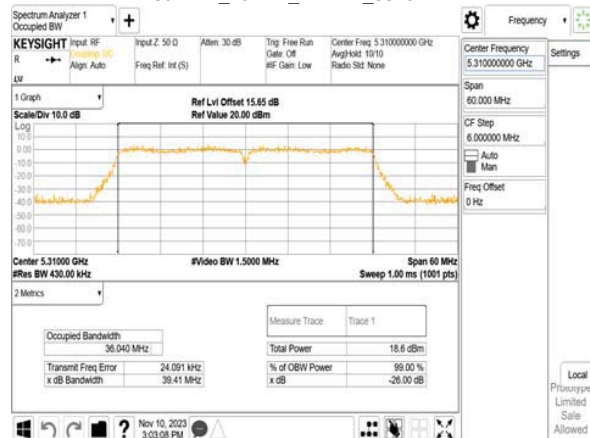
802.11n_40MHz_WLAN2_5270MHz



802.11n_40MHz_WLAN2_5190MHz



802.11n_40MHz_WLAN2_5310MHz



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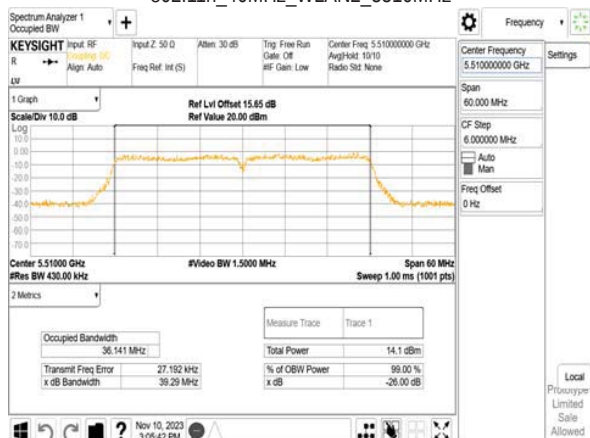
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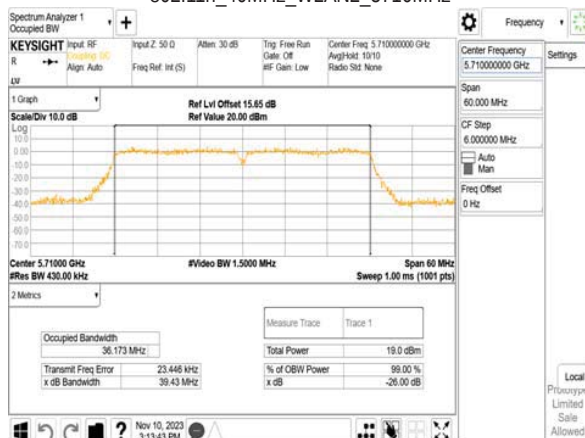
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802.11n_40MHz_WLAN2_5510MHz



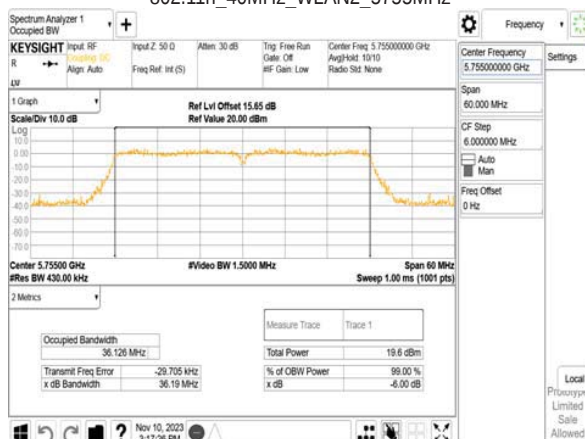
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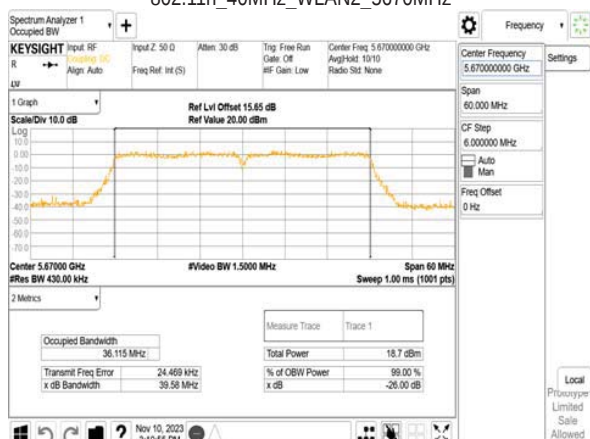
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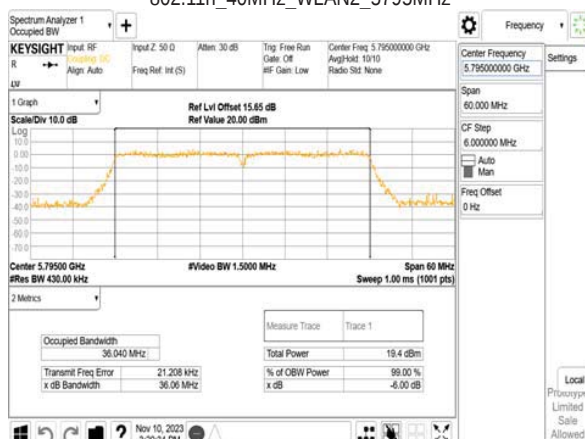
802.11n_40MHz_WLAN2_5755MHz



802.11n_40MHz_WLAN2_5670MHz



802.11n_40MHz_WLAN2_5795MHz



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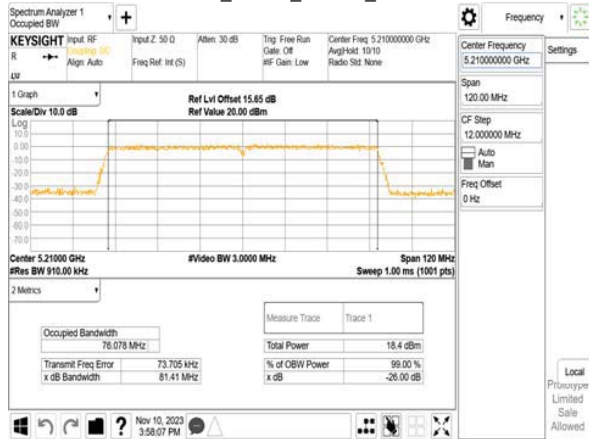
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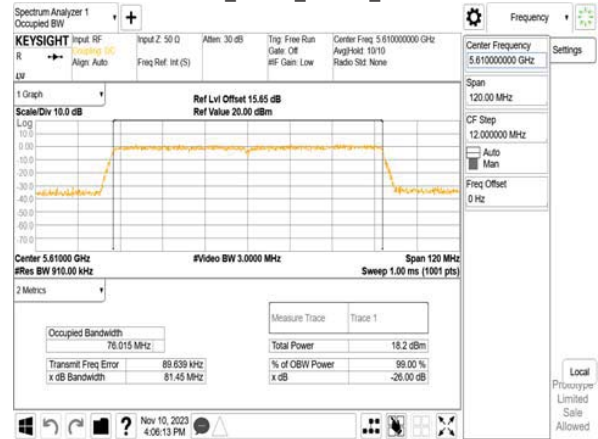
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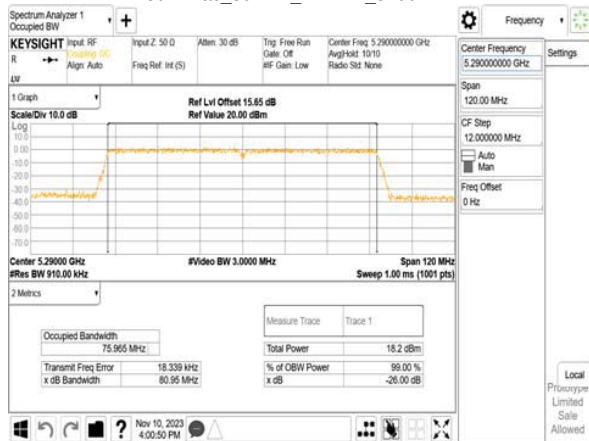
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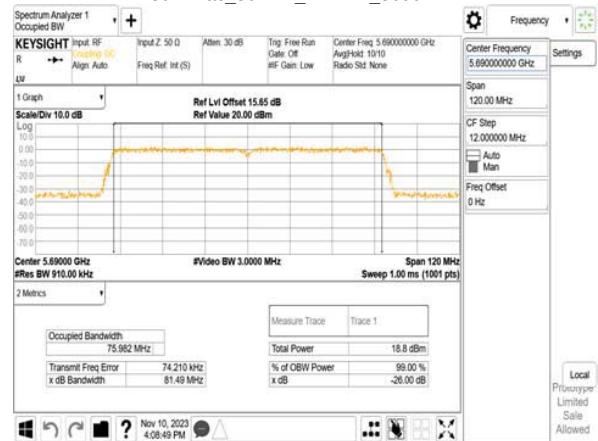
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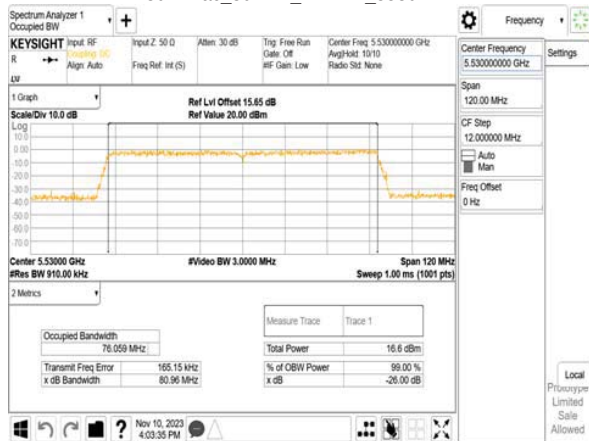
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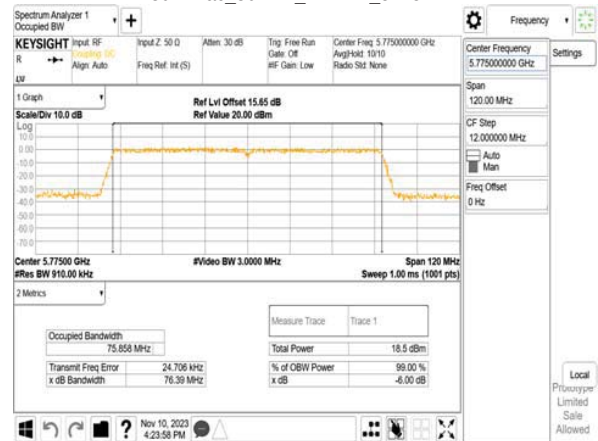
802.11ac_80MHz_WLAN1_5690MHz



802.11ac_80MHz_WLAN1_5530MHz



802.11ac_80MHz_WLAN1_5775MHz



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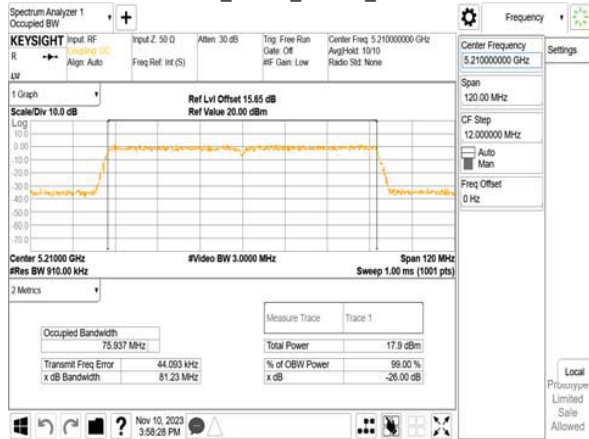
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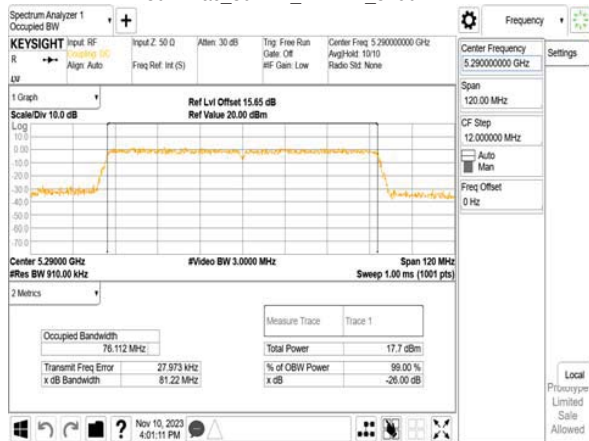
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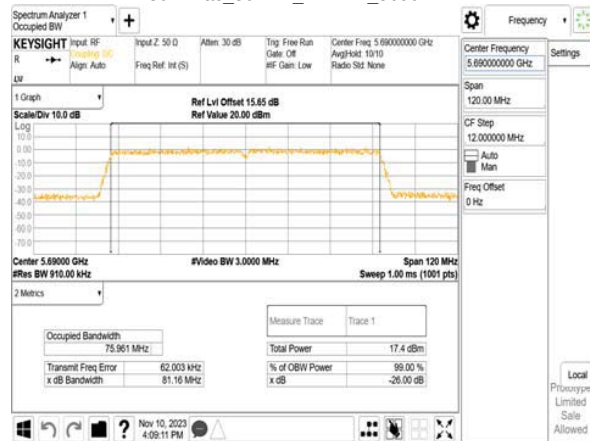
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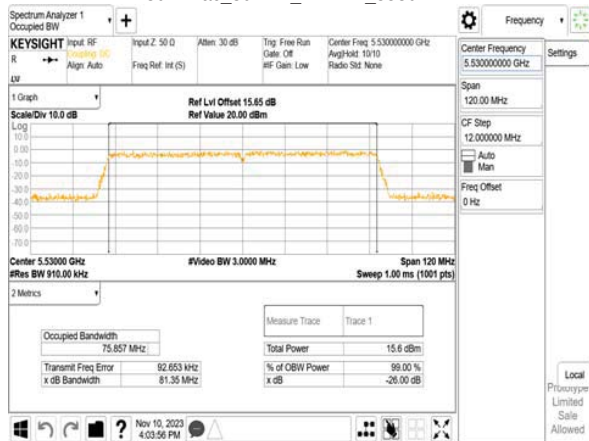
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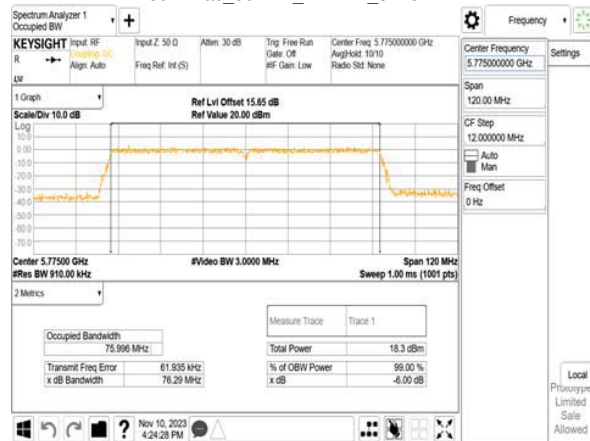
802.11ac_80MHz_WLAN2_5690MHz



802.11ac_80MHz_WLAN2_5530MHz



802.11ac_80MHz_WLAN2_5775MHz



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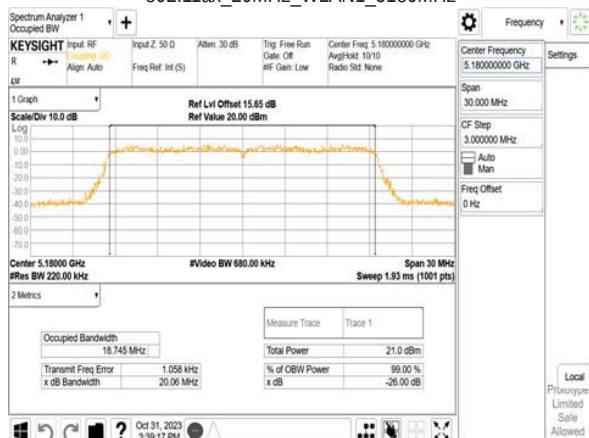
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f (886-2) 2298-0488

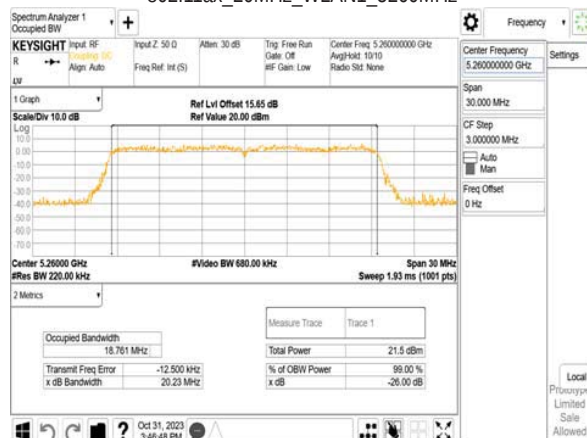
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802.11ax_20MHz_WLAN1_5180MHz



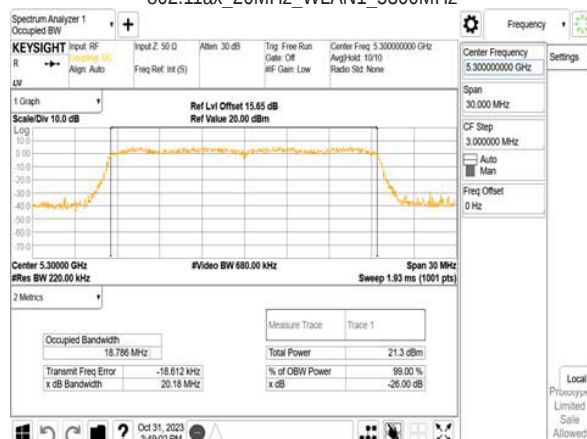
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802.11ax_20MHz_WLAN1_5220MHz



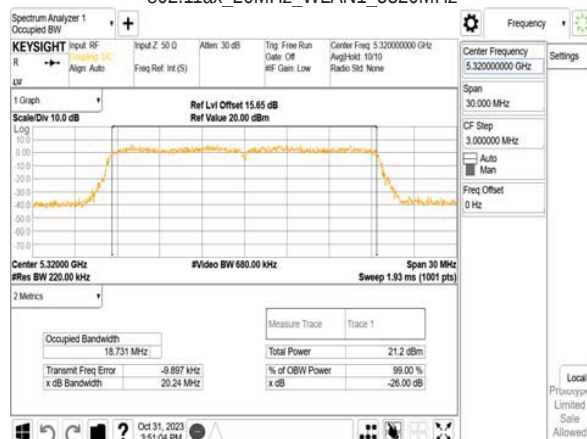
802.11ax_20MHz_WLAN1_5300MHz



802.11ax_20MHz_WLAN1_5240MHz



802.11ax_20MHz_WLAN1_5320MHz



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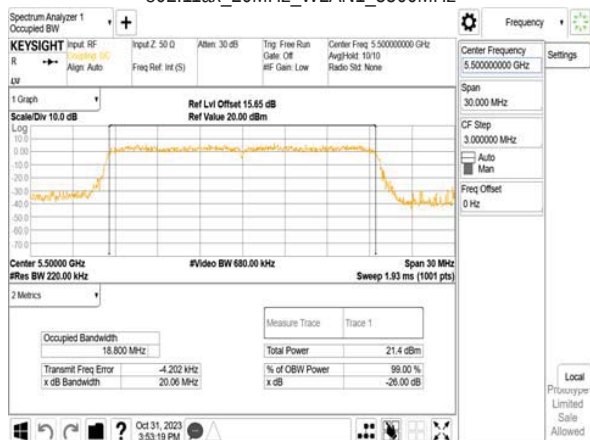
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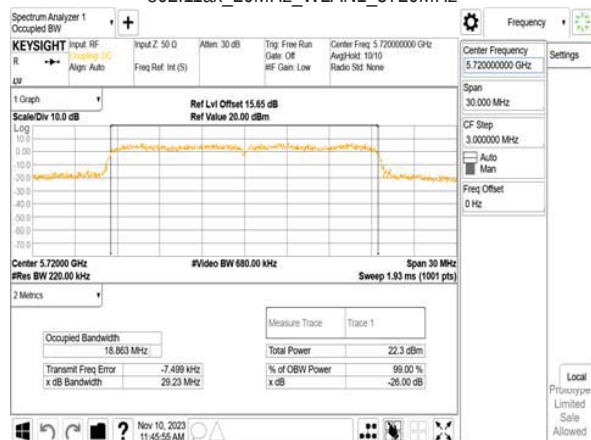
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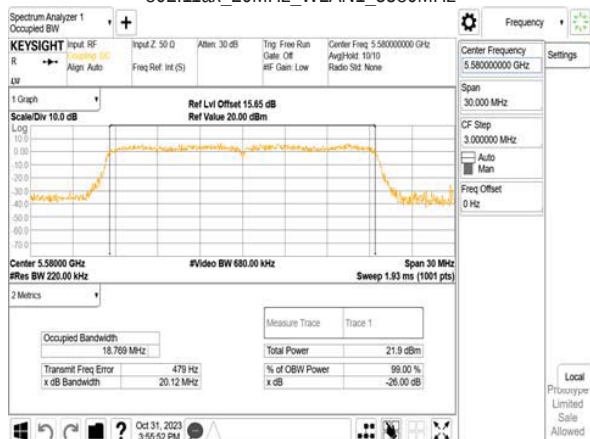
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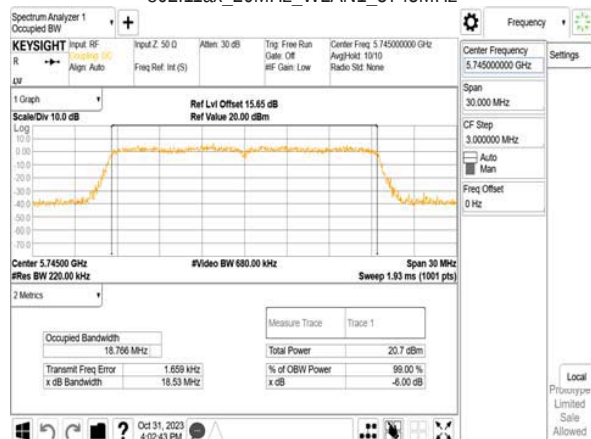
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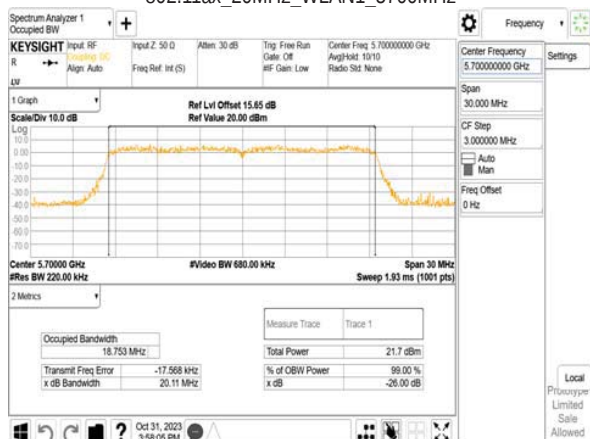
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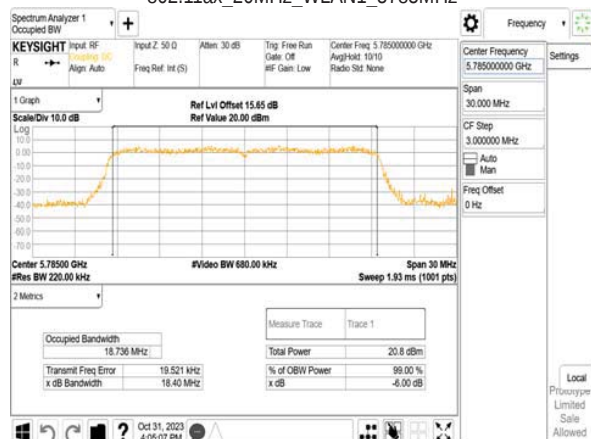
802.11ax_20MHz_WLAN1_5745MHz



802.11ax_20MHz_WLAN1_5700MHz



802.11ax_20MHz_WLAN1_5785MHz



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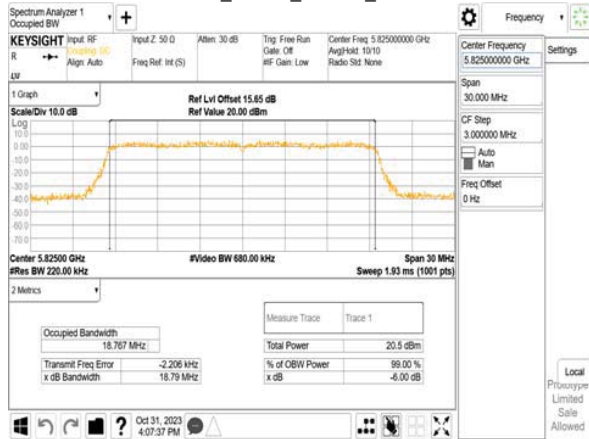
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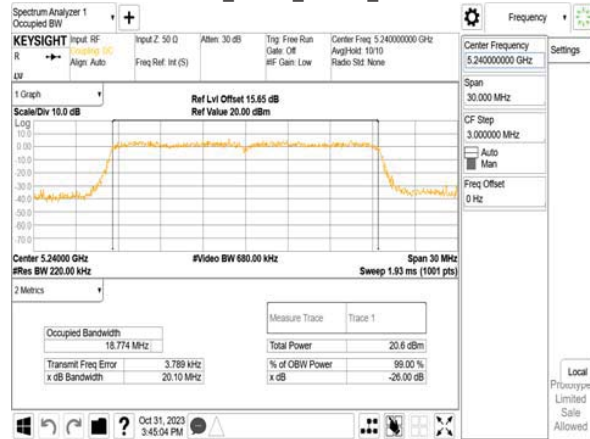
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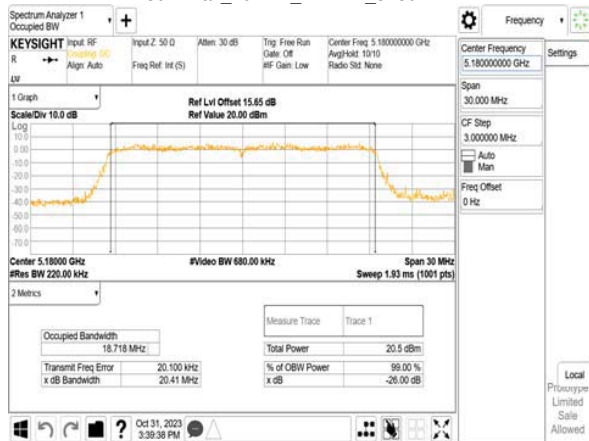
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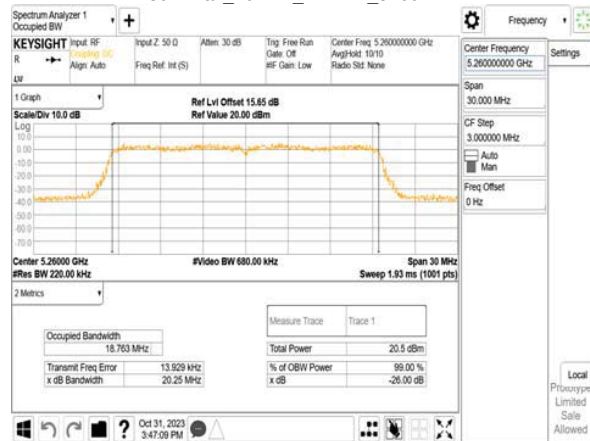
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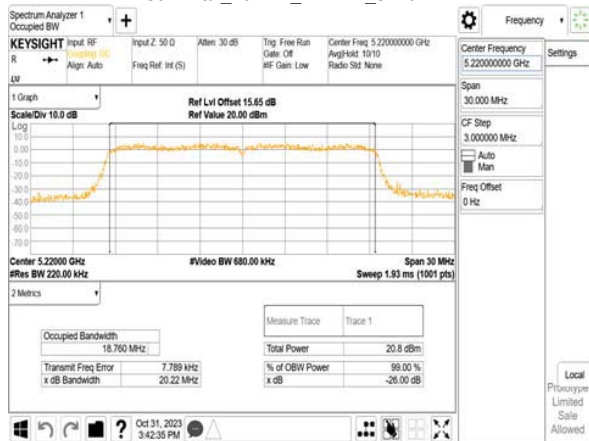
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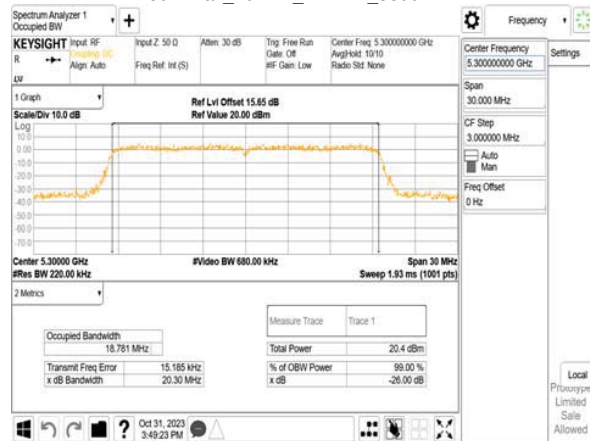
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802.11ax_20MHz_WLAN2_5220MHz



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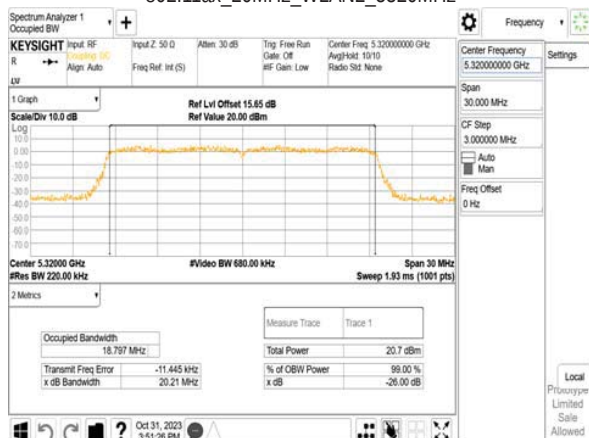


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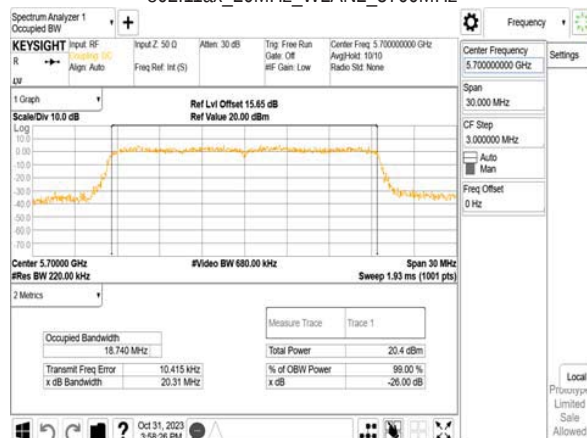
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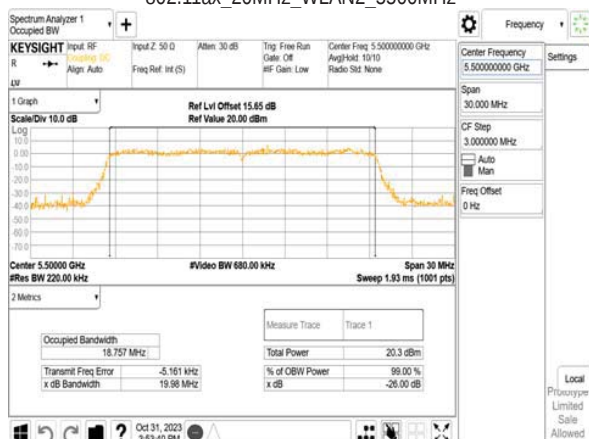
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802.11ax_20MHz_WLAN2_5700MHz



802.11ax_20MHz_WLAN2_5500MHz



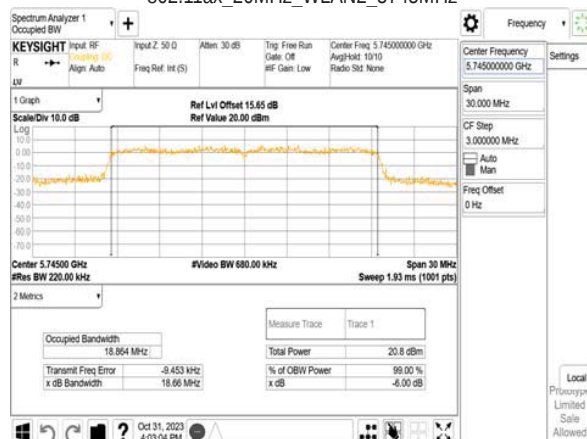
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802.11ax_20MHz_WLAN2_5580MHz



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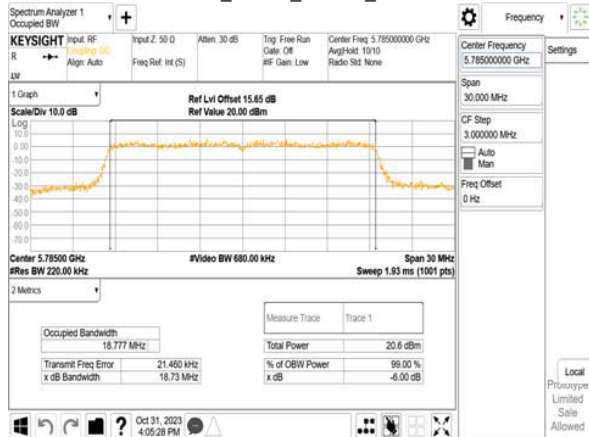


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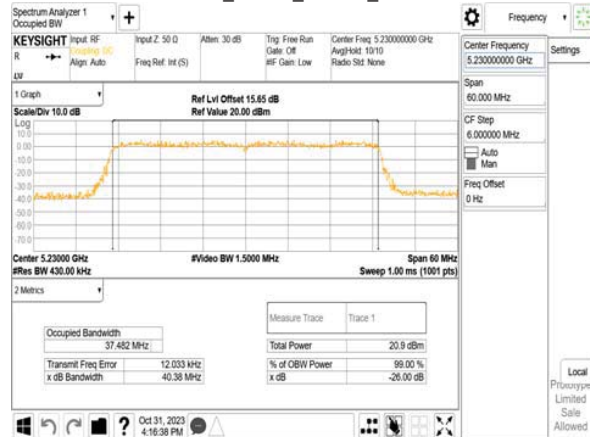
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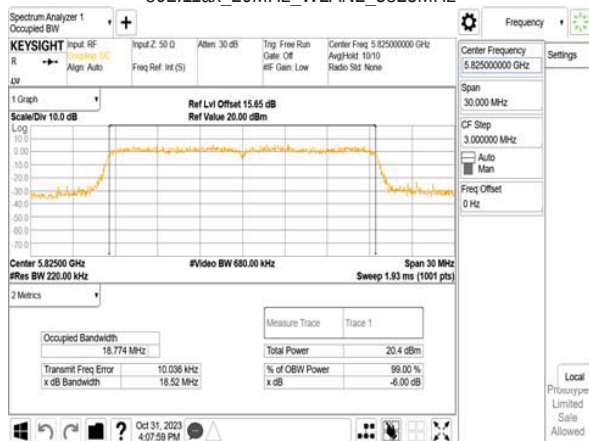
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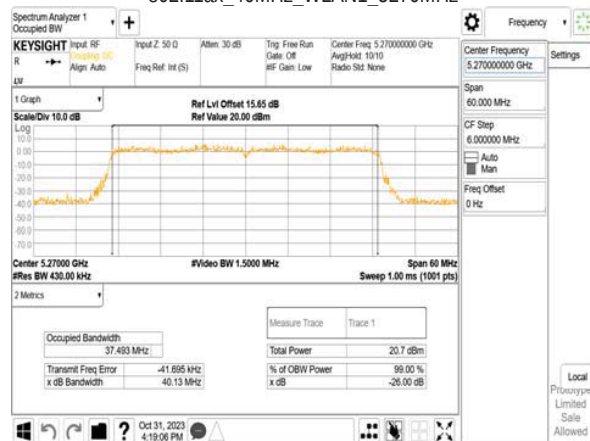
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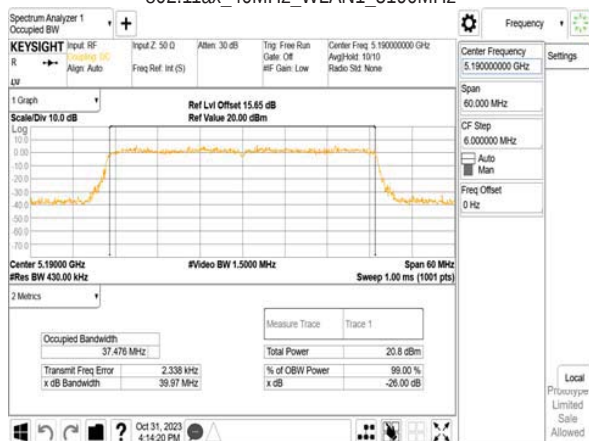
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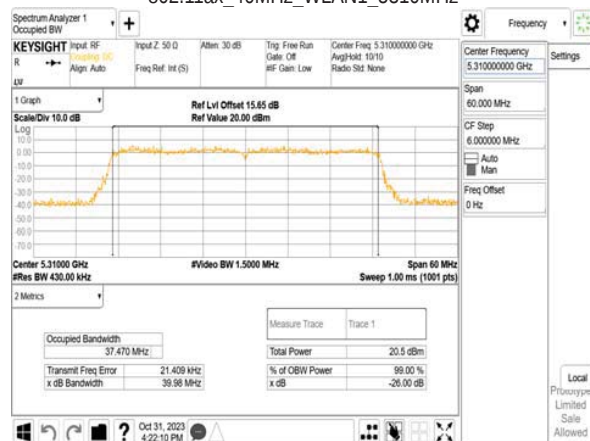
802.11ax_40MHz_WLAN1_5270MHz



802.11ax_40MHz_WLAN1_5190MHz



802.11ax_40MHz_WLAN1_5310MHz



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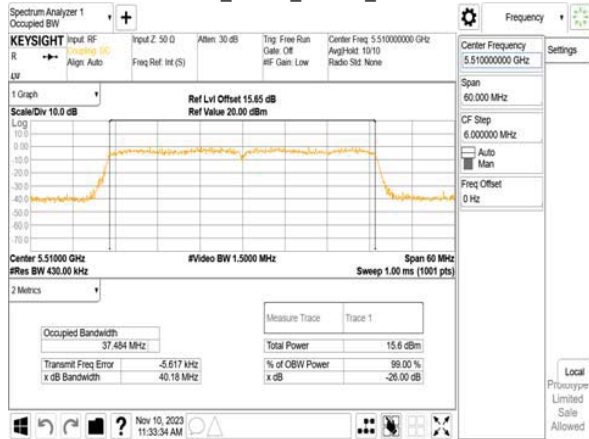
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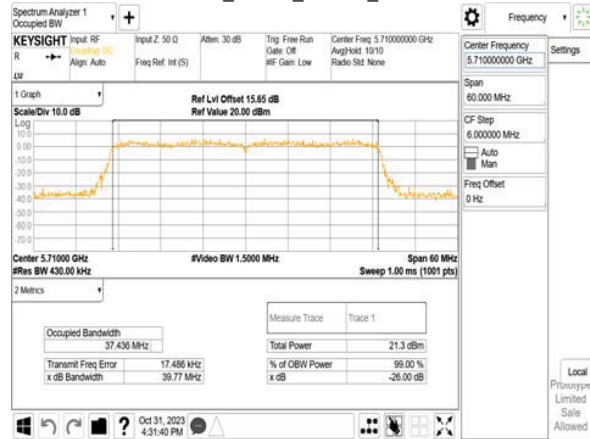
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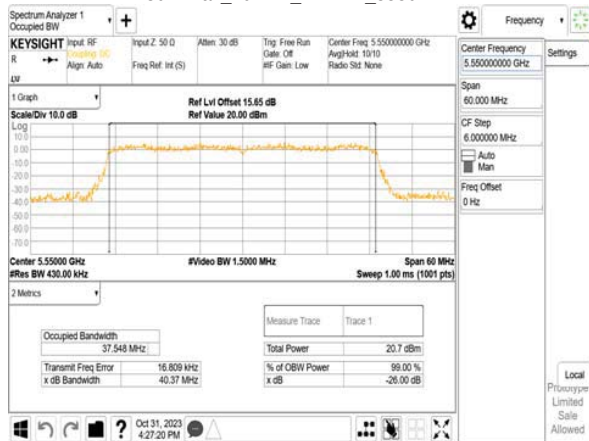
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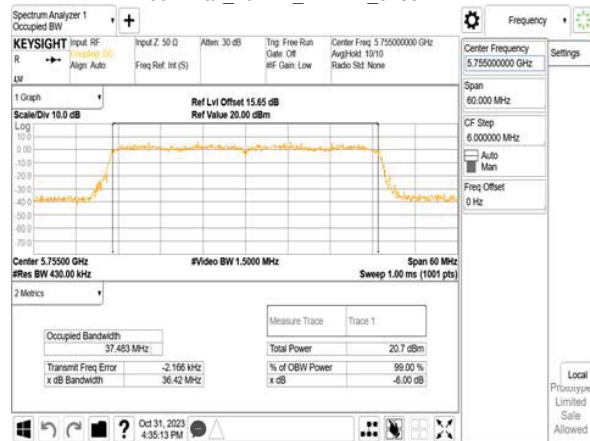
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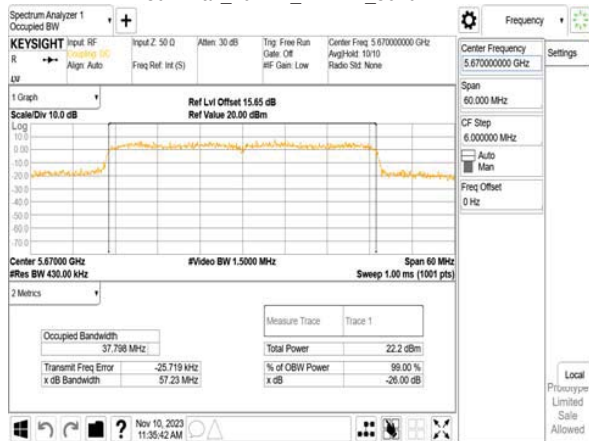
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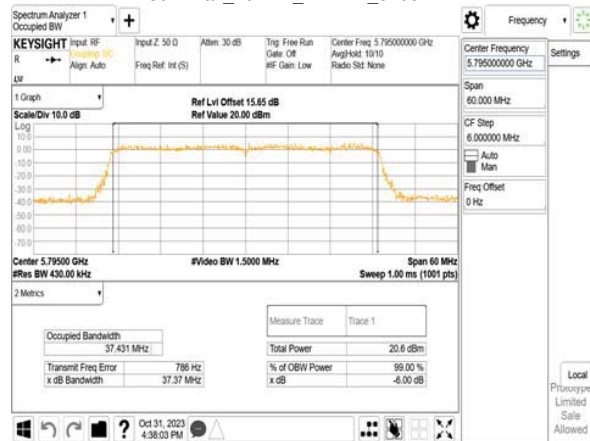
802.11ax_40MHz_WLAN1_5755MHz



802.11ax_40MHz_WLAN1_5670MHz



802.11ax_40MHz_WLAN1_5795MHz



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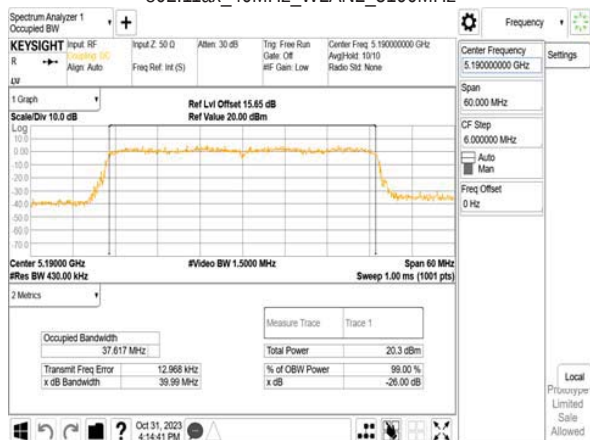
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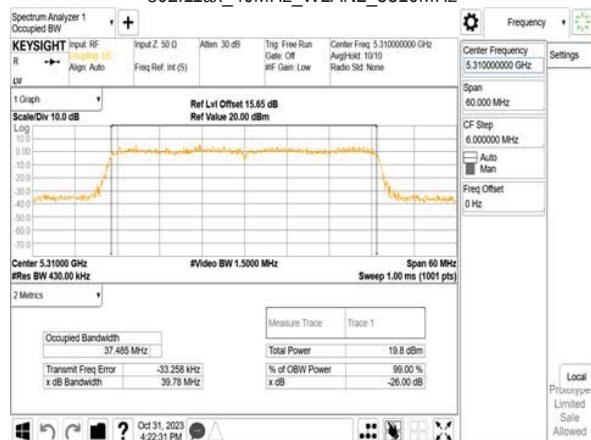
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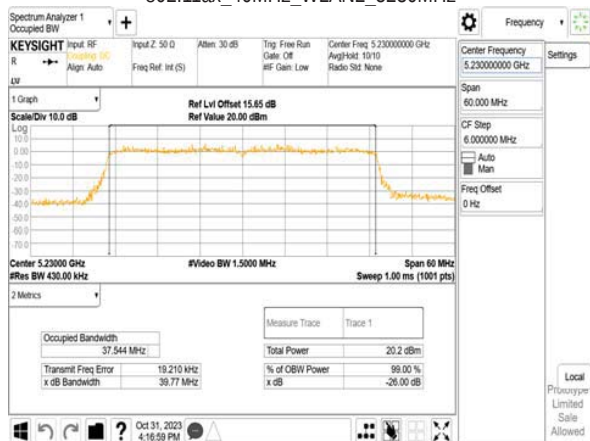
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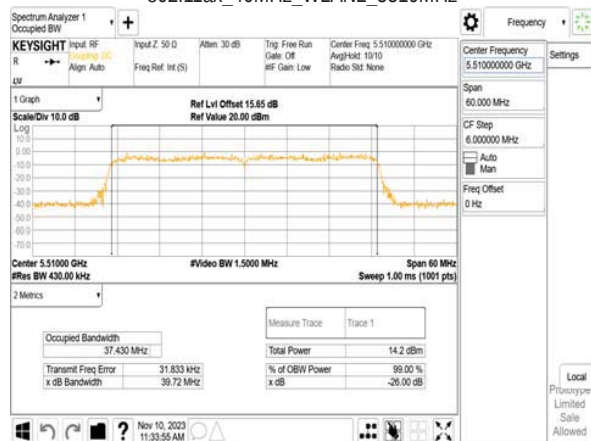
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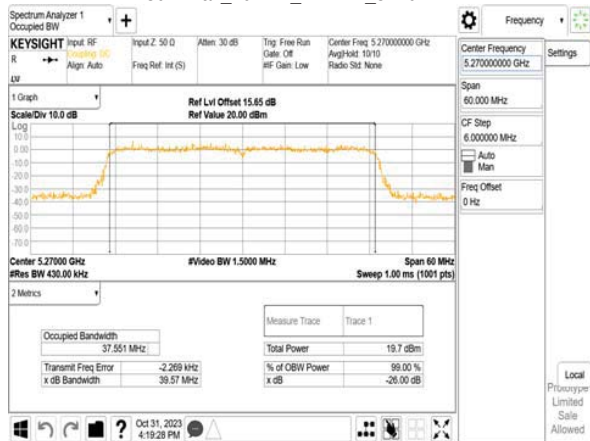
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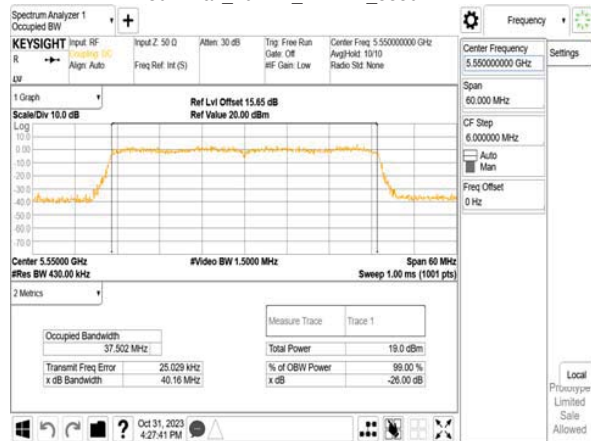
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802.11ax_40MHz_WLAN2_5270MHz



802.11ax_40MHz_WLAN2_5550MHz



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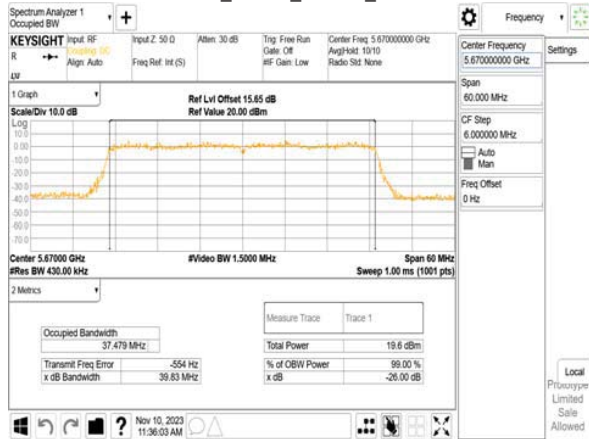
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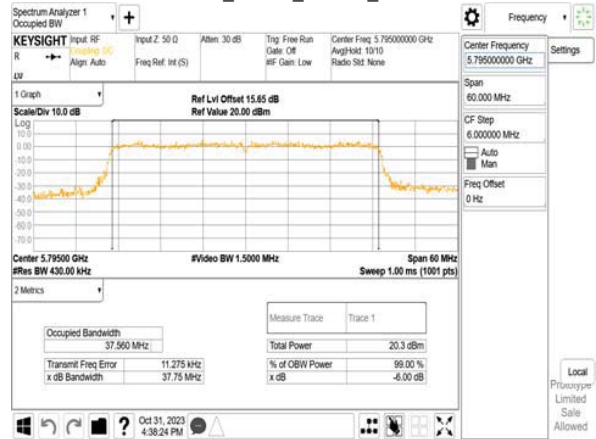
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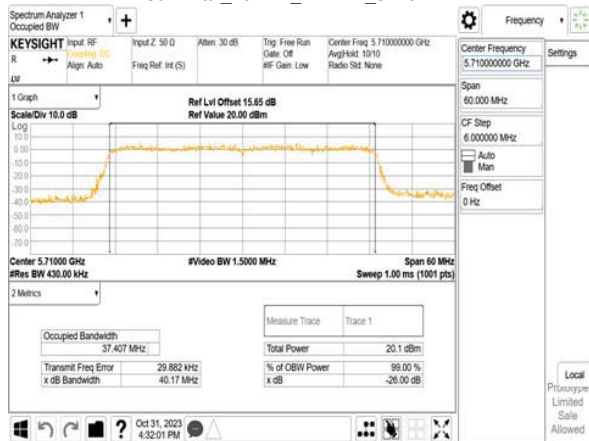
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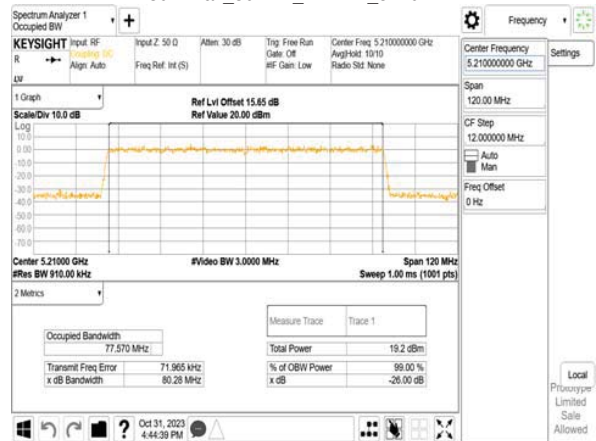
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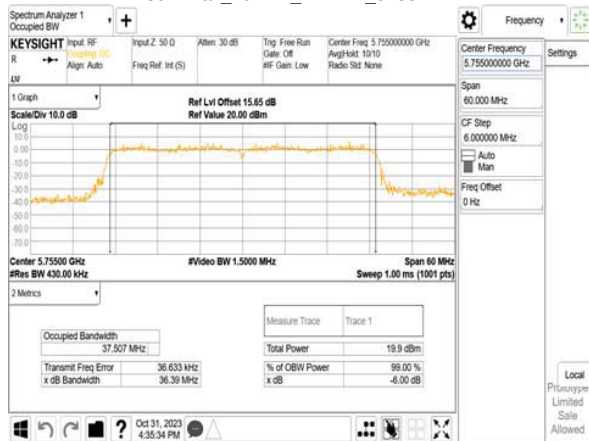
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802.11ax_80MHz_WLAN1_5210MHz



802.11ax_40MHz_WLAN2_5755MHz



802.11ax_80MHz_WLAN1_5290MHz



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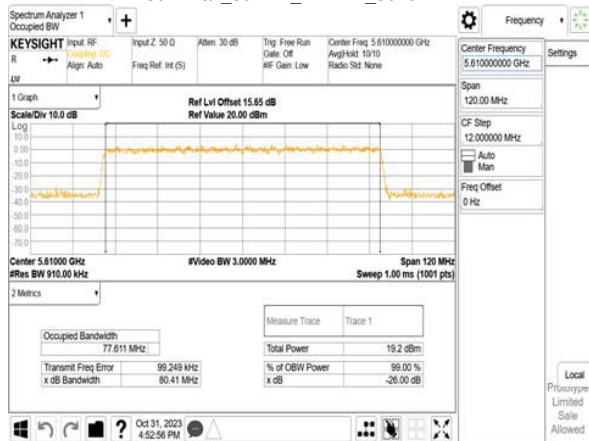
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802.11ax_80MHz_WLAN1_5775MHz



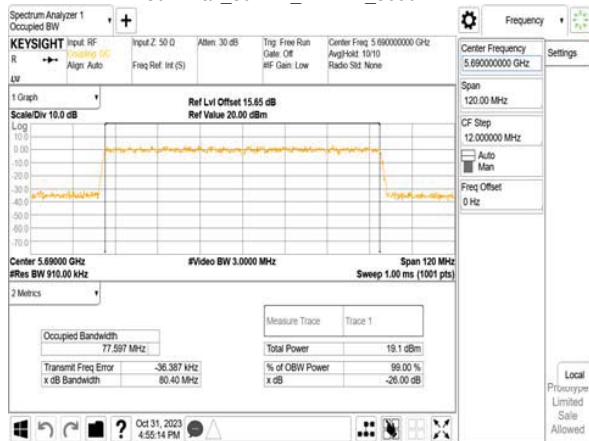
802.11ax_80MHz_WLAN1_5610MHz



802.11ax_80MHz_WLAN2_5210MHz



802.11ax_80MHz_WLAN1_5690MHz



802.11ax_80MHz_WLAN2_5290MHz



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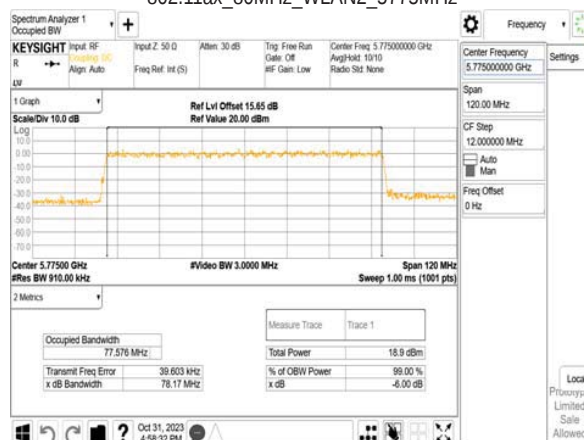
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802.11ax_80MHz_WLAN2_5530MHz



802.11ax_80MHz_WLAN2_5775MHz



802.11ax_80MHz_WLAN2_5610MHz



802.11ax_80MHz_WLAN2_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 FCC

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
		Outdoor 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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9.1.3 ISED

FREQUENCY BAND (MHz)	EUT CATEGORY		RSS-247 §6.2.1~6.2.4		
			EIRP	Conducted Output Power	TPC
5150~5250	V	OEM devices installed in vehicles	30 mW or $1.76 + 10 \log_{10} B$	N/A	At least 3dB below 30mW EIRP
		Other device	200 mW or $10 + 10 \log_{10} B$ dBm	N/A	N/A
5250~5350	V	OEM devices installed in vehicles	30 mW or $1.76 + 10 \log_{10} B$	N/A	At least 3dB below 30mW EIRP
		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.

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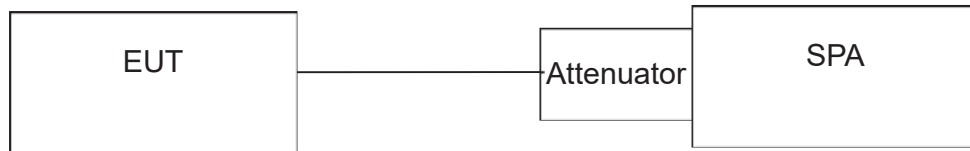
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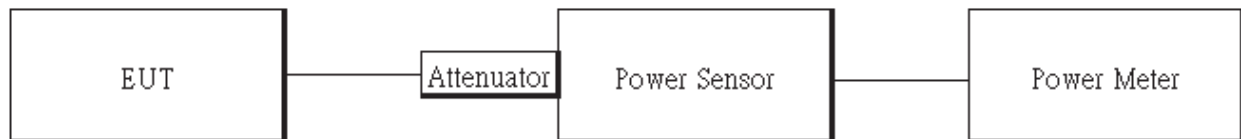
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9.2 Test Setup

9.2.1 Duty Cycle



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 $10 \log(1/\text{duty cycle})$.
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, cable loss is specified below.

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.

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

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

$g_{j,k} = 1/20 \cdot 10G_k$ if the k th antenna is being fed by spatial stream j , or zero if it is not;

G_k is the gain in dBi of the k th 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		99.03	0.04	0.70	0.01
802.11n_20		98.82	0.05	0.75	0.01
802.11ac_20		98.83	0.05	0.74	0.01
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
Mode	RU config.	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11ax_20	Full	98.49	0.07	0.96	0.01
	26-Tone RU	82.30	0.85	0.74	1.00
	52-Tone RU	82.30	0.85	0.74	1.00
	106-Tone RU	82.70	0.82	0.74	1.00
802.11ax_40	Full	97.17	0.12	1.82	2.00
	242-Tone RU	82.30	0.85	0.74	1.00
802.11ax_80	Full	95.45	0.20	3.40	4.00
	484-Tone RU	82.30	0.85	0.74	1.00

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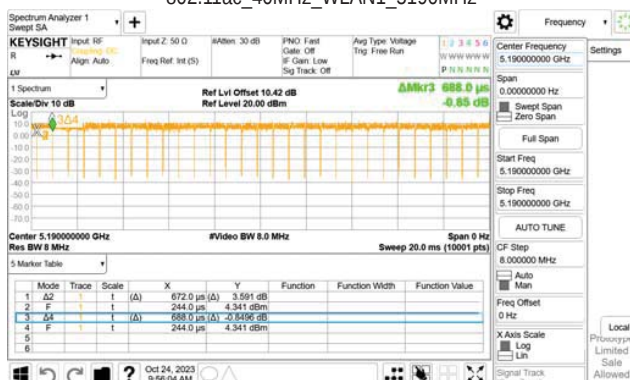
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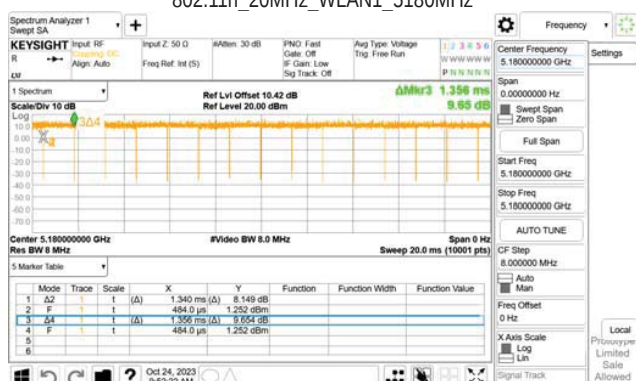
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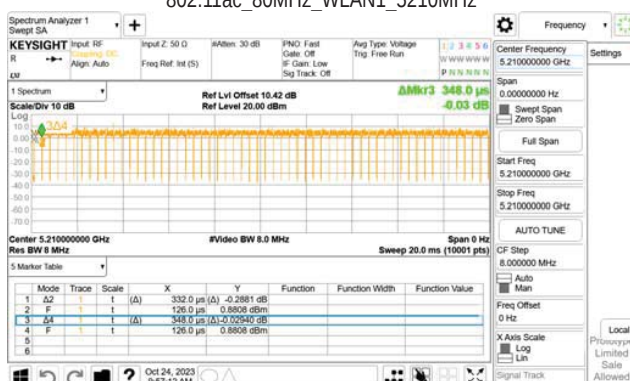
802.11ac 40MHz WLAN1 5190MHz



802.11n 20MHz WLAN1 5180MHz



802.11ac 80MHz WLAN1 5210MHz



802.11n 40MHz WLAN1 5190MHz



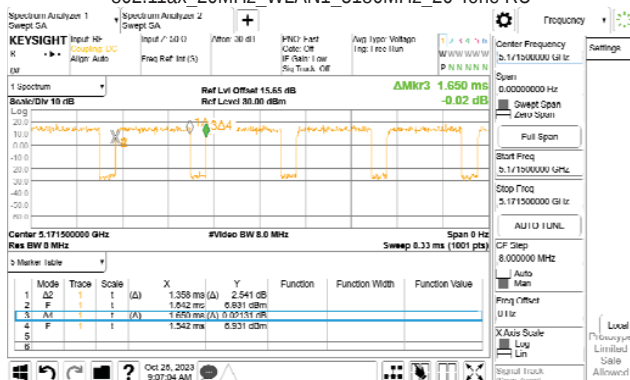
802.11ax 20MHz WLAN1 5180MHz



802.11ac 20MHz WLAN1 5180MHz



802.11ax 20MHz WLAN1 5180MHz 26-Tone RU

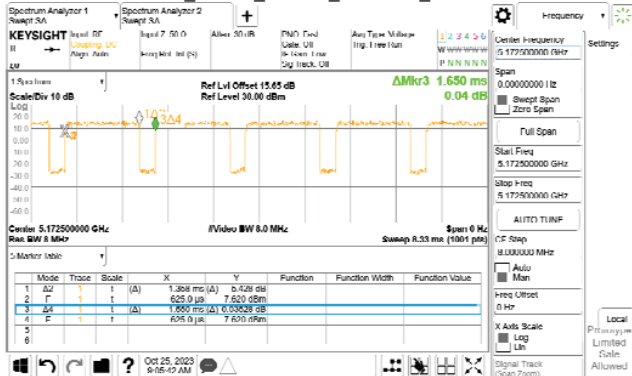


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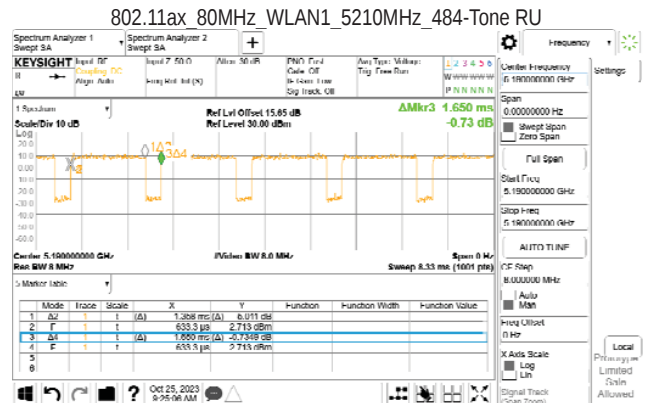
802.11ax_20MHz_WLAN1_5180MHz_52-Tone RU



802.11ax_80MHz_WLAN1_5210MHz



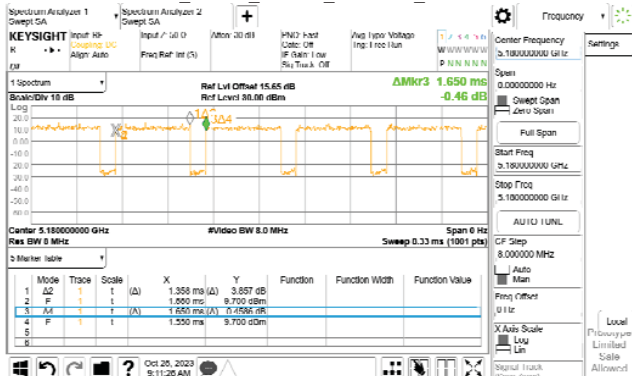
802.11ax_20MHz_WLAN1_5180MHz_106-Tone RU



802.11ax_40MHz_WLAN1_5190MHz



802.11ax_40MHz_WLAN1_5190MHz_242-Tone RU



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9.5 Output Power Measurement Result

9.5.1 FCC Output power

802.11a_WLAN1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	16	15.61	36.411	23.98	PASS
44	5220	6	16	15.78	37.865	23.98	PASS
48	5240	6	16	15.78	37.865	23.98	PASS
52	5260	6	16	15.70	37.173	23.88	PASS
60	5300	6	16	15.80	38.039	23.96	PASS
64	5320	6	16	15.80	38.039	23.92	PASS
100	5500	6	14.25	13.97	24.959	23.95	PASS
116	5580	6	15.5	15.87	38.657	23.90	PASS
140	5700	6	14	13.86	24.335	23.91	PASS
144	5720(U-NII 2C)	6	15.5	14.64	29.10	22.65	PASS
144	5720 (U-NII 3)	6	15.5	9.64	9.21	30	PASS
149	5745	6	15.5	15.64	36.663	30	PASS
157	5785	6	16	15.99	39.740	30	PASS
165	5825	6	16.5	15.90	38.925	30	PASS

802.11a_WLAN2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	16.5	15.53	35.746	23.98	PASS
44	5220	6	16.5	15.72	37.345	23.98	PASS
48	5240	6	16.5	15.77	37.778	23.98	PASS
52	5260	6	17	15.67	36.918	23.86	PASS
60	5300	6	17	15.70	37.173	23.9	PASS
64	5320	6	17	15.71	37.259	23.91	PASS
100	5500	6	15.25	13.82	24.112	23.89	PASS
116	5580	6	17	15.83	38.303	23.88	PASS
140	5700	6	15.25	13.79	23.946	23.83	PASS
144	5720(U-NII 2C)	6	16.5	14.60	28.83	22.67	PASS
144	5720 (U-NII 3)	6	16.5	9.64	9.21	30	PASS
149	5745	6	16	15.60	36.327	30	PASS
157	5785	6	16.5	15.91	39.015	30	PASS
165	5825	6	16.5	15.87	38.657	30	PASS

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802.11a_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				WLAN1	WLAN2				
36	5180	6	16.5	15.80	15.40	18.62	72.732	23.98	PASS
44	5220	6	16.5	15.98	15.52	18.77	75.313	23.98	PASS
48	5240	6	16.5	16.02	15.53	18.79	75.762	23.98	PASS
52	5260	6	16.5	15.88	15.08	18.51	70.975	23.86	PASS
60	5300	6	16.5	15.99	15.07	18.57	71.894	23.9	PASS
64	5320	6	16.5	16.02	15.08	18.59	72.244	23.91	PASS
100	5500	6	14.75	14.62	13.20	16.98	49.893	23.89	PASS
116	5580	6	16.5	16.59	15.19	18.96	78.683	23.88	PASS
140	5700	6	14.75	14.60	13.25	16.99	50.002	23.83	PASS
144	5720(U-NII 2C)	6	16	14.88	14.01	17.48	55.915	22.65	PASS
144	5720 (U-NII 3)	6	16	9.88	9.05	12.50	17.772	30	PASS
149	5745	6	16	15.77	15.39	18.60	72.390	30	PASS
157	5785	6	16.5	16.05	15.68	18.88	77.296	30	PASS
165	5825	6	16.5	15.91	15.67	18.80	75.933	30	PASS

802.11n_HT20_WLAN1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	16.5	15.86	38.562	23.98	PASS
44	5220	MCS0	16	15.74	37.511	23.98	PASS
48	5240	MCS0	16	15.79	37.945	23.98	PASS
52	5260	MCS0	16	15.75	37.597	23.94	PASS
60	5300	MCS0	16	15.80	38.033	23.98	PASS
64	5320	MCS0	16	15.84	38.384	23.97	PASS
100	5500	MCS0	13.25	12.95	19.731	23.98	PASS
116	5580	MCS0	15.5	15.89	38.829	23.98	PASS
140	5700	MCS0	13.75	13.54	22.602	23.94	PASS
144	5720(U-NII 2C)	MCS0	15.5	14.62	28.99	23.96	PASS
144	5720 (U-NII 3)	MCS0	15.5	9.81	9.57	30	PASS
149	5745	MCS0	16	15.87	38.651	30	PASS
157	5785	MCS0	16	15.94	39.279	30	PASS
165	5825	MCS0	16.5	15.88	38.740	30	PASS

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802.11n_HT20_WLAN2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	16.5	15.59	36.237	23.98	PASS
44	5220	MCS0	16.5	15.71	37.252	23.98	PASS
48	5240	MCS0	16.5	15.78	37.858	23.98	PASS
52	5260	MCS0	17	15.65	36.741	23.97	PASS
60	5300	MCS0	17	15.71	37.252	23.98	PASS
64	5320	MCS0	17	15.76	37.684	23.98	PASS
100	5500	MCS0	14.5	12.91	19.550	23.96	PASS
116	5580	MCS0	17	15.76	37.684	23.95	PASS
140	5700	MCS0	14.75	13.52	22.499	23.95	PASS
144	5720(U-NII 2C)	MCS0	16.5	14.53	28.36	23.98	PASS
144	5720 (U-NII 3)	MCS0	16.5	9.70	9.33	30	PASS
149	5745	MCS0	16.5	15.86	38.562	30	PASS
157	5785	MCS0	16.5	15.80	38.033	30	PASS
165	5825	MCS0	16.5	15.76	37.684	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
				WLAN1	WLAN2				
36	5180	MCS0	16.5	15.99	15.42	18.73	74.580	23.98	PASS
44	5220	MCS0	16.5	15.99	15.53	18.78	75.473	23.98	PASS
48	5240	MCS0	16.5	16.06	15.56	18.83	76.367	23.98	PASS
52	5260	MCS0	16.5	15.93	15.12	18.56	71.709	23.98	PASS
60	5300	MCS0	16.5	15.97	15.11	18.57	71.996	23.97	PASS
64	5320	MCS0	16.5	16.03	15.13	18.62	72.696	23.96	PASS
100	5500	MCS0	13.75	13.46	12.16	15.87	38.639	23.95	PASS
116	5580	MCS0	16.5	16.59	15.23	18.97	78.975	23.94	PASS
140	5700	MCS0	13.75	13.55	12.26	15.96	39.487	23.96	PASS
144	5720(U-NII 2C)	MCS0	16	14.87	13.98	17.46	55.692	22.73	PASS
144	5720 (U-NII 3)	MCS0	16	10.06	9.15	12.64	18.356	30	PASS
149	5745	MCS0	16	15.89	15.38	18.65	73.356	30	PASS
157	5785	MCS0	16.5	16.09	15.74	18.93	78.170	30	PASS
165	5825	MCS0	16.5	15.90	15.69	18.81	76.000	30	PASS

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802.11n_HT40_WLAN1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	15.5	14.91	30.998	23.98	PASS
46	5230	MCS0	15	14.71	29.602	23.98	PASS
54	5270	MCS0	15	14.71	29.602	23.98	PASS
62	5310	MCS0	15	14.77	30.014	23.98	PASS
102	5510	MCS0	11.75	11.56	14.333	23.98	PASS
110	5550	MCS0	14.5	14.78	30.083	23.98	PASS
134	5670	MCS0	14.5	14.77	30.014	23.98	PASS
142	5710(U-NII 2C)	MCS0	14.5	14.04	25.33	23.98	PASS
142	5710 (U-NII 3)	MCS0	14.5	5.64	3.67	30	PASS
151	5755	MCS0	15	14.82	30.362	30	PASS
159	5795	MCS0	15	14.87	30.713	30	PASS

802.11n_HT40_WLAN2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	16	14.84	30.502	23.98	PASS
46	5230	MCS0	15.5	14.69	29.466	23.98	PASS
54	5270	MCS0	16	14.65	29.196	23.98	PASS
62	5310	MCS0	16	14.71	29.602	23.98	PASS
102	5510	MCS0	13	11.53	14.234	23.98	PASS
110	5550	MCS0	16	14.75	29.876	23.98	PASS
134	5670	MCS0	15.5	14.64	29.129	23.98	PASS
142	5710(U-NII 2C)	MCS0	15.5	13.97	24.97	23.98	PASS
142	5710 (U-NII 3)	MCS0	15.5	5.67	3.69	30	PASS
151	5755	MCS0	15.5	14.80	30.222	30	PASS
159	5795	MCS0	15.5	14.78	30.083	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
				WLAN1	WLAN2				
38	5190	MCS0	15.5	14.97	14.39	17.70	58.928	23.98	PASS
46	5230	MCS0	15.5	15.01	14.49	17.77	59.860	23.98	PASS
54	5270	MCS0	15.5	14.92	14.08	17.53	56.674	23.98	PASS
62	5310	MCS0	15.5	15.01	14.05	17.57	57.149	23.98	PASS
102	5510	MCS0	12	11.58	10.19	13.95	24.854	23.98	PASS
110	5550	MCS0	15.5	15.48	14.20	17.90	61.668	23.98	PASS
134	5670	MCS0	15.5	15.44	14.35	17.94	62.269	23.98	PASS
142	5710(U-NII 2C)	MCS0	15.5	14.68	13.71	17.23	52.875	23.98	PASS
142	5710 (U-NII 3)	MCS0	15.5	6.28	5.41	8.88	7.722	30	PASS
151	5755	MCS0	15.5	15.15	14.69	17.94	62.225	30	PASS
159	5795	MCS0	15.5	15.14	14.74	17.96	62.491	30	PASS

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802.11ac_VHT20_WLAN1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	16.5	15.85	38.469	23.98	PASS
44	5220	MCS0	16	15.73	37.421	23.98	PASS
48	5240	MCS0	16	15.78	37.854	23.98	PASS
52	5260	MCS0	16	15.71	37.249	23.94	PASS
60	5300	MCS0	16	15.78	37.854	23.98	PASS
64	5320	MCS0	16	15.81	38.116	23.97	PASS
100	5500	MCS0	13.25	12.86	19.325	23.98	PASS
116	5580	MCS0	15.5	15.88	38.736	23.98	PASS
140	5700	MCS0	13.75	13.53	22.548	23.94	PASS
144	5720(U-NII 2C)	MCS0	15.5	14.61	28.92	23.96	PASS
144	5720 (U-NII 3)	MCS0	15.5	9.80	9.55	30	PASS
149	5745	MCS0	16	15.85	38.469	30	PASS
157	5785	MCS0	16	15.90	38.914	30	PASS
165	5825	MCS0	16.5	15.87	38.647	30	PASS

802.11ac_VHT20_WLAN2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	16.5	15.57	36.067	23.98	PASS
44	5220	MCS0	16.5	15.70	37.163	23.98	PASS
48	5240	MCS0	16.5	15.74	37.507	23.98	PASS
52	5260	MCS0	17	15.61	36.401	23.97	PASS
60	5300	MCS0	17	15.69	37.078	23.98	PASS
64	5320	MCS0	17	15.75	37.593	23.98	PASS
100	5500	MCS0	14.5	12.81	19.103	23.96	PASS
116	5580	MCS0	17	15.75	37.593	23.95	PASS
140	5700	MCS0	14.75	13.51	22.445	23.95	PASS
144	5720(U-NII 2C)	MCS0	16.5	14.51	28.22	23.98	PASS
144	5720 (U-NII 3)	MCS0	16.5	9.68	9.28	30	PASS
149	5745	MCS0	16	15.64	36.653	30	PASS
157	5785	MCS0	16	15.51	35.572	30	PASS
165	5825	MCS0	16.5	15.75	37.593	30	PASS

802.11ac_VHT20_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				WLAN1	WLAN2				
36	5180	MCS0	16.5	15.94	15.37	18.68	73.718	23.98	PASS
44	5220	MCS0	16.5	15.98	15.52	18.77	75.292	23.98	PASS
48	5240	MCS0	16.5	16.04	15.54	18.81	76.008	23.98	PASS
52	5260	MCS0	16.5	15.91	15.11	18.54	71.446	23.98	PASS
60	5300	MCS0	16.5	15.96	15.06	18.54	71.527	23.97	PASS
64	5320	MCS0	16.5	16.01	15.11	18.59	72.355	23.96	PASS
100	5500	MCS0	13.75	13.30	12.03	15.72	37.348	23.95	PASS
116	5580	MCS0	16.5	16.48	15.27	18.93	78.134	23.94	PASS
140	5700	MCS0	13.75	13.54	12.24	15.95	39.354	23.96	PASS
144	5720(U-NII 2C)	MCS0	16	14.82	13.97	17.43	55.277	22.73	PASS
144	5720 (U-NII 3)	MCS0	16	10.01	9.14	12.61	18.219	30	PASS
149	5745	MCS0	16	15.88	15.37	18.64	73.179	30	PASS
157	5785	MCS0	16.5	16.08	15.73	18.92	77.982	30	PASS
165	5825	MCS0	16.5	15.89	15.67	18.79	75.732	30	PASS

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802.11ac_VHT40_WLAN1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	15	14.70	29.528	23.98	PASS
46	5230	MCS0	15	14.70	29.528	23.98	PASS
54	5270	MCS0	15	14.69	29.460	23.98	PASS
62	5310	MCS0	15	14.76	29.939	23.98	PASS
102	5510	MCS0	12	11.54	14.264	23.98	PASS
110	5550	MCS0	14.5	14.77	30.008	23.98	PASS
134	5670	MCS0	14.5	14.66	29.258	23.98	PASS
142	5710(U-NII 2C)	MCS0	14.5	14.03	25.27	23.98	PASS
142	5710 (U-NII 3)	MCS0	14.5	5.63	3.66	30	PASS
151	5755	MCS0	15	14.81	30.286	30	PASS
159	5795	MCS0	15	14.84	30.496	30	PASS

802.11ac_VHT40_WLAN2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	16	14.67	29.325	23.98	PASS
46	5230	MCS0	15.5	14.62	28.989	23.98	PASS
54	5270	MCS0	16	14.64	29.123	23.98	PASS
62	5310	MCS0	16	14.67	29.325	23.98	PASS
102	5510	MCS0	13.25	11.51	14.166	23.98	PASS
110	5550	MCS0	16	14.74	29.802	23.98	PASS
134	5670	MCS0	15.5	14.63	29.056	23.98	PASS
142	5710(U-NII 2C)	MCS0	15.5	13.96	24.91	23.98	PASS
142	5710 (U-NII 3)	MCS0	15.5	5.66	3.68	30	PASS
151	5755	MCS0	15.5	14.79	30.147	30	PASS
159	5795	MCS0	15.5	14.77	30.008	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
				WLAN1	WLAN2				
38	5190	MCS0	15.5	14.86	14.43	17.66	58.385	23.98	PASS
46	5230	MCS0	15.5	15.02	14.48	17.77	59.856	23.98	PASS
54	5270	MCS0	15.5	14.93	14.06	17.53	56.617	23.98	PASS
62	5310	MCS0	15.5	14.97	14.07	17.56	56.963	23.98	PASS
102	5510	MCS0	12	11.56	10.14	13.92	24.663	23.98	PASS
110	5550	MCS0	15.5	15.46	14.14	17.86	61.131	23.98	PASS
134	5670	MCS0	15.5	15.41	14.31	17.91	61.765	23.98	PASS
142	5710(U-NII 2C)	MCS0	15.5	14.30	13.72	17.03	50.460	23.98	PASS
142	5710 (U-NII 3)	MCS0	15.5	5.90	5.42	8.68	7.373	30	PASS
151	5755	MCS0	15.5	15.14	14.69	17.93	62.137	30	PASS
159	5795	MCS0	15.5	15.09	14.72	17.92	61.967	30	PASS

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802.11ac_VHT80_WLAN1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	13	12.73	18.769	23.98	PASS
58	5290	MCS0	13	12.78	18.987	23.98	PASS
106	5530	MCS0	11.75	11.96	15.720	23.98	PASS
122	5610	MCS0	12.5	12.97	19.836	23.98	PASS
138	5690(U-NII 2C)	MCS0	12.5	12.47	17.67	23.98	PASS
138	5690 (U-NII 3)	MCS0	12.5	1.33	1.36	30	PASS
155	5775	MCS0	13	12.97	19.836	30	PASS

802.11ac_VHT80_WLAN2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	13.5	12.71	18.683	23.98	PASS
58	5290	MCS0	13.5	12.50	17.801	23.98	PASS
106	5530	MCS0	13	11.91	15.540	23.98	PASS
122	5610	MCS0	13.5	12.83	19.207	23.98	PASS
138	5690(U-NII 2C)	MCS0	13.5	12.40	17.38	23.98	PASS
138	5690 (U-NII 3)	MCS0	13.5	1.15	1.30	30	PASS
155	5775	MCS0	13	12.73	18.769	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
				WLAN1	WLAN2				
42	5210	MCS0	13.5	13.16	12.43	15.83	38.240	23.98	PASS
58	5290	MCS0	13.5	12.81	12.19	15.53	35.693	23.98	PASS
106	5530	MCS0	12.5	12.48	10.96	14.80	30.206	23.98	PASS
122	5610	MCS0	13	13.40	11.96	15.75	37.620	23.98	PASS
138	5690(U-NII 2C)	MCS0	13.5	13.12	11.97	15.60	36.266	23.98	PASS
138	5690 (U-NII 3)	MCS0	13.5	1.98	0.72	4.41	2.759	30	PASS
155	5775	MCS0	13.5	13.11	12.81	15.98	39.604	30	PASS

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802.11ax_HE20_WLAN1

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	16	15.88	38.691	23.98	PASS
		MCS0	26/0	9	8.31	6.770	23.98	PASS
		MCS0	52/37	9	8.38	6.880	23.98	PASS
		MCS0	106/53	9	8.62	7.286	23.98	PASS
44	5220	MCS0	full	16	15.97	39.501	23.98	PASS
48	5240	MCS0	full	16	15.99	39.683	23.98	PASS
52	5260	MCS0	full	16	15.85	38.424	23.98	PASS
60	5300	MCS0	full	16	15.93	39.139	23.98	PASS
64	5320	MCS0	full	16	15.99	39.683	23.98	PASS
		MCS0	26/8	9	8.83	7.631	23.98	PASS
		MCS0	52/40	9	8.89	7.737	23.98	PASS
		MCS0	106/54	9	8.60	7.253	23.98	PASS
100	5500	MCS0	full	13	12.96	19.752	23.98	PASS
		MCS0	26/0	9	8.43	6.960	23.98	PASS
		MCS0	52/37	9	8.51	7.089	23.98	PASS
		MCS0	106/53	9	8.60	7.253	23.98	PASS
116	5580	MCS0	full	15.5	15.99	39.683	23.98	PASS
140	5700	MCS0	full	13.5	13.55	22.626	23.98	PASS
		MCS0	26/8	9	8.97	7.881	23.98	PASS
		MCS0	52/40	9	8.98	7.900	23.98	PASS
		MCS0	106/54	9	9.10	8.138	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	15.5	14.73	29.684	22.78	PASS
144	5720 (U-NII 3)	MCS0	full	15.5	10.00	10.000	30	PASS
149	5745	MCS0	full	15.5	15.90	38.869	30	PASS
		MCS0	26/0	9	8.70	7.406	30	PASS
		MCS0	52/37	9	8.75	7.492	30	PASS
		MCS0	106/53	9	9.07	8.082	30	PASS
157	5785	MCS0	full	16	15.97	39.501	30	PASS
165	5825	MCS0	full	16	15.91	38.959	30	PASS
		MCS0	26/8	9	8.11	6.465	30	PASS
		MCS0	52/40	9	8.12	6.480	30	PASS
		MCS0	106/54	9	8.33	6.815	30	PASS

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802.11ax_HE20_WLAN2

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	16.5	15.76	37.636	23.98	PASS
		MCS0	26/0	9	7.60	5.749	23.98	PASS
		MCS0	52/37	9	7.67	5.843	23.98	PASS
		MCS0	106/53	9	7.77	5.991	23.98	PASS
44	5220	MCS0	full	16.5	15.96	39.410	23.98	PASS
48	5240	MCS0	full	16.5	15.98	39.592	23.98	PASS
52	5260	MCS0	full	16.5	15.72	37.291	23.98	PASS
60	5300	MCS0	full	16.5	15.74	37.463	23.98	PASS
64	5320	MCS0	full	16.5	15.79	37.897	23.98	PASS
		MCS0	26/8	9	8.03	6.347	23.98	PASS
		MCS0	52/40	9	8.09	6.436	23.98	PASS
		MCS0	106/54	9	7.93	6.216	23.98	PASS
100	5500	MCS0	full	14.5	12.93	19.616	23.98	PASS
		MCS0	26/0	9	7.68	5.856	23.98	PASS
		MCS0	52/37	9	7.68	5.856	23.98	PASS
		MCS0	106/53	9	7.83	6.074	23.98	PASS
116	5580	MCS0	full	16.5	15.80	37.985	23.98	PASS
140	5700	MCS0	full	14.5	13.54	22.574	23.98	PASS
		MCS0	26/8	9	8.15	6.525	23.98	PASS
		MCS0	52/40	9	8.17	6.555	23.98	PASS
		MCS0	106/54	9	8.17	6.569	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	16	14.56	28.543	22.85	PASS
144	5720 (U-NII 3)	MCS0	full	16	9.95	9.881	30	PASS
149	5745	MCS0	full	16	15.89	38.780	30	PASS
		MCS0	26/0	9	8.35	6.833	30	PASS
		MCS0	52/37	9	8.35	6.833	30	PASS
		MCS0	106/53	9	8.44	6.990	30	PASS
157	5785	MCS0	full	16	15.84	38.336	30	PASS
165	5825	MCS0	full	16	15.81	38.072	30	PASS
		MCS0	26/8	9	8.22	6.631	30	PASS
		MCS0	52/40	9	8.23	6.647	30	PASS
		MCS0	106/54	9	8.39	6.910	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
					WLAN1	WLAN2				
36	5180	MCS0	full	16.5	16.10	15.67	18.90	77.566	23.98	PASS
		MCS0	26/0	9	8.34	7.62	11.00	12.593	23.98	PASS
		MCS0	52/37	9	8.44	7.75	11.11	12.927	23.98	PASS
		MCS0	106/53	9	8.67	7.88	11.31	13.515	23.98	PASS
44	5220	MCS0	full	16.5	16.21	15.72	18.98	79.037	23.98	PASS
48	5240	MCS0	full	16.5	16.19	15.76	18.99	79.190	23.98	PASS
52	5260	MCS0	full	16.5	16.16	15.35	18.78	75.513	23.98	PASS
60	5300	MCS0	full	16.5	16.28	15.37	18.86	76.828	23.98	PASS
64	5320	MCS0	full	16.5	16.24	15.39	18.84	76.597	23.98	PASS
		MCS0	26/8	9	8.90	8.05	11.50	14.132	23.98	PASS
		MCS0	52/40	9	8.92	8.10	11.54	14.242	23.98	PASS
		MCS0	106/54	9	8.62	7.96	11.32	13.545	23.98	PASS
100	5500	MCS0	full	13.5	13.44	12.25	15.89	38.833	23.98	PASS
		MCS0	26/0	9	8.52	7.69	11.13	12.975	23.98	PASS
		MCS0	52/37	9	8.60	7.70	11.18	13.121	23.98	PASS
		MCS0	106/53	9	8.67	7.89	11.31	13.529	23.98	PASS
116	5580	MCS0	full	16.5	16.61	15.24	18.99	79.162	23.98	PASS
140	5700	MCS0	full	13.5	13.56	12.33	15.99	39.763	23.98	PASS
		MCS0	26/8	9	9.00	8.17	11.61	14.491	23.98	PASS
		MCS0	52/40	9	9.00	8.19	11.62	14.522	23.98	PASS
		MCS0	106/54	9	9.15	8.26	11.74	14.938	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	16	15.08	14.16	17.65	58.207	22.78	PASS
144	5720 (U-NII 3)	MCS0	full	16	10.35	9.55	12.98	19.851	30	PASS
149	5745	MCS0	full	16	15.91	15.52	18.73	74.572	30	PASS
		MCS0	26/0	9	8.73	8.36	11.56	14.306	30	PASS
		MCS0	52/37	9	8.81	8.37	11.60	14.461	30	PASS
		MCS0	106/53	9	9.09	8.52	11.83	15.239	30	PASS
157	5785	MCS0	full	16.5	16.18	15.78	18.99	79.268	30	PASS
165	5825	MCS0	full	16.5	16.05	15.91	18.99	79.194	30	PASS
		MCS0	26/8	9	8.20	8.27	11.24	13.309	30	PASS
		MCS0	52/40	9	8.18	8.24	11.22	13.232	30	PASS
		MCS0	106/54	9	8.36	8.46	11.43	13.885	30	PASS

802.11ax_HE40_WLAN1

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	15	14.96	31.367	23.98	PASS
		MCS0	242/61	9	8.67	7.355	23.98	PASS
46	5230	MCS0	full	15	15.00	31.657	23.98	PASS
54	5270	MCS0	full	15	14.91	31.008	23.98	PASS
62	5310	MCS0	full	15	14.99	31.584	23.98	PASS
		MCS0	242/62	9	9.20	8.310	23.98	PASS
102	5510	MCS0	full	11	11.58	14.403	23.98	PASS
		MCS0	242/61	9	8.74	7.475	23.98	PASS
110	5550	MCS0	full	14.5	14.88	14.403	23.98	PASS
134	5670	MCS0	full	14.5	14.96	31.367	23.98	PASS
		MCS0	242/62	9	9.38	8.662	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	14.5	14.38	27.422	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	14.5	5.96	3.944	30	PASS
151	5755	MCS0	full	14.5	14.87	30.723	30	PASS
		MCS0	242/61	9	9.09	8.102	30	PASS
159	5795	MCS0	full	15	14.95	31.294	30	PASS
		MCS0	242/62	9	8.87	7.702	30	PASS

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802.11ax_HE40_WLAN2

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	15.5	14.87	30.723	23.98	PASS
		MCS0	242/61	9	8.05	6.377	23.98	PASS
46	5230	MCS0	full	15.5	14.93	31.151	23.98	PASS
54	5270	MCS0	full	15.5	14.68	29.408	23.98	PASS
62	5310	MCS0	full	15.5	14.74	29.817	23.98	PASS
		MCS0	242/62	9	8.27	6.708	23.98	PASS
102	5510	MCS0	full	12.75	11.56	14.337	23.98	PASS
		MCS0	242/61	9	7.92	6.189	23.98	PASS
110	5550	MCS0	full	15.5	14.81	14.337	23.98	PASS
134	5670	MCS0	full	15.5	14.93	31.151	23.98	PASS
		MCS0	242/62	9	7.97	6.260	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	15.5	14.23	26.466	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	15.5	5.84	3.836	30	PASS
151	5755	MCS0	full	15	14.85	30.582	30	PASS
		MCS0	242/61	9	8.49	7.057	30	PASS
159	5795	MCS0	full	15.5	14.81	30.302	30	PASS
		MCS0	242/62	9	8.82	7.614	30	PASS

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
					WLAN1	WLAN2				
38	5190	MCS0	full	15.5	15.20	14.72	17.98	62.829	23.98	PASS
		MCS0	242/61	9	8.74	8.06	11.42	13.866	23.98	PASS
46	5230	MCS0	full	15.5	15.23	14.66	17.97	62.652	23.98	PASS
54	5270	MCS0	full	15.5	15.28	14.34	17.85	60.959	23.98	PASS
62	5310	MCS0	full	15.5	15.31	14.36	17.88	61.318	23.98	PASS
		MCS0	242/62	9	9.22	8.30	11.79	15.103	23.98	PASS
102	5510	MCS0	full	11.5	11.59	10.24	13.98	25.016	23.98	PASS
		MCS0	242/61	9	8.88	7.93	11.44	13.923	23.98	PASS
110	5550	MCS0	full	15.5	15.55	14.23	17.95	25.016	23.98	PASS
134	5670	MCS0	full	15.5	15.47	14.38	17.97	62.720	23.98	PASS
		MCS0	242/62	9	9.42	8.00	11.77	15.046	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	15.5	14.72	13.80	17.29	53.626	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	15.5	6.30	5.41	8.89	7.740	30	PASS
151	5755	MCS0	full	15	15.20	14.72	17.98	62.829	30	PASS
		MCS0	242/61	9	9.18	8.55	11.88	15.427	30	PASS
159	5795	MCS0	full	15	15.17	14.78	17.99	63.014	30	PASS
		MCS0	242/62	9	8.92	8.86	11.90	15.475	30	PASS

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802.11ax_HE80_WLAN1

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	13	12.98	19.871	23.98	PASS
		MCS0	484/65	9	8.86	7.684	23.98	PASS
58	5290	MCS0	full	13	12.97	19.825	23.98	PASS
		MCS0	484/66	9	8.60	7.238	23.98	PASS
106	5530	MCS0	full	11.5	11.99	15.821	23.98	PASS
		MCS0	484/65	9	9.03	7.991	23.98	PASS
122	5610	MCS0	full	12	12.90	19.509	23.98	PASS
		MCS0	484/66	9	9.81	9.563	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	12.5	12.57	18.072	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	12.5	1.00	1.257	30	PASS
155	5775	MCS0	full	12.5	12.86	19.330	30	PASS
		MCS0	484/65	9	9.22	8.348	30	PASS
		MCS0	484/66	9	9.05	8.028	30	PASS

802.11ax_HE80_WLAN2

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	13.5	12.95	19.734	23.98	PASS
		MCS0	484/65	9	8.37	6.864	23.98	PASS
58	5290	MCS0	full	13.5	12.73	18.760	23.98	PASS
		MCS0	484/66	9	8.30	6.755	23.98	PASS
106	5530	MCS0	full	12.75	11.97	15.748	23.98	PASS
		MCS0	484/65	9	8.12	6.480	23.98	PASS
122	5610	MCS0	full	13.5	12.88	19.419	23.98	PASS
		MCS0	484/66	9	8.44	6.976	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	13.5	12.53	17.925	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	13.5	0.89	1.227	30	PASS
155	5775	MCS0	full	13	12.81	19.108	30	PASS
		MCS0	484/65	9	8.67	7.355	30	PASS
		MCS0	484/66	9	8.96	7.863	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
					WLAN1	WLAN2				
42	5210	MCS0	full	13.5	13.27	12.67	15.99	39.746	23.98	PASS
		MCS0	484/65	9	8.89	8.42	11.67	14.681	23.98	PASS
58	5290	MCS0	full	13.5	13.37	12.46	15.95	39.367	23.98	PASS
		MCS0	484/66	9	9.03	8.34	11.70	14.808	23.98	PASS
106	5530	MCS0	full	12.25	12.48	11.13	14.87	30.689	23.98	PASS
		MCS0	484/65	9	9.16	8.13	11.68	14.729	23.98	PASS
122	5610	MCS0	full	13	13.56	12.24	15.96	39.468	23.98	PASS
		MCS0	484/66	9	9.82	8.45	12.20	16.577	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	13.5	13.21	12.09	15.70	37.140	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	13.5	1.64	0.45	4.09	2.566	30	PASS
155	5775	MCS0	full	13.5	13.13	12.82	15.99	39.722	30	PASS
		MCS0	484/65	9	9.23	8.69	11.97	15.757	30	PASS
		MCS0	484/66	9	9.13	9.04	12.09	16.187	30	PASS

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9.5.2 ISED Conducted output power and EIRP

802.11a_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
100	5500	13.97	24.959	23.19	PASS
116	5580	15.87	38.657	23.24	PASS
140	5700	13.86	24.335	23.27	PASS
144	5720(U-NII 2C)	14.64	29.095	22.29	PASS
144	5720 (U-NII 3)	9.64	9.208	30	PASS
149	5745	15.64	36.663	30	PASS
157	5785	15.99	39.740	30	PASS
165	5825	15.90	38.925	30	PASS

802.11a_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
100	5500	13.82	24.112	23.18	PASS
116	5580	15.83	38.303	23.19	PASS
140	5700	13.79	23.946	23.18	PASS
144	5720(U-NII 2C)	14.60	28.829	22.23	PASS
144	5720 (U-NII 3)	9.64	9.211	30	PASS
149	5745	15.60	36.327	30	PASS
157	5785	15.91	39.015	30	PASS
165	5825	15.87	38.657	30	PASS

802.11a_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		WLAN1	WLAN2				
100	5500	14.62	13.20	16.98	49.893	23.18	PASS
116	5580	16.59	15.19	18.96	78.683	23.19	PASS
140	5700	14.60	13.25	16.99	50.002	23.18	PASS
144	5720(U-NII 2C)	14.88	14.01	17.48	55.915	22.23	PASS
144	5720 (U-NII 3)	9.88	9.05	12.50	17.772	30	PASS
149	5745	15.77	15.39	18.60	72.390	30	PASS
157	5785	16.05	15.68	18.88	77.296	30	PASS
165	5825	15.91	15.67	18.80	75.933	30	PASS

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802.11n_HT20_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
100	5500	12.95	19.731	23.46	PASS
116	5580	15.89	38.829	23.45	PASS
140	5700	13.54	22.602	23.45	PASS
144	5720(U-NII 2C)	14.62	28.989	22.4	PASS
144	5720 (U-NII 3)	9.81	9.572	30	PASS
149	5745	15.87	38.651	30	PASS
157	5785	15.94	39.279	30	PASS
165	5825	15.88	38.740	30	PASS

802.11n_HT20_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
100	5500	12.91	19.550	23.46	PASS
116	5580	15.76	37.684	23.46	PASS
140	5700	13.52	22.499	23.46	PASS
144	5720(U-NII 2C)	14.53	28.358	22.4	PASS
144	5720 (U-NII 3)	9.70	9.326	30	PASS
149	5745	15.86	38.562	30	PASS
157	5785	15.80	38.033	30	PASS
165	5825	15.76	37.684	30	PASS

802.11n_HT20_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		WLAN1	WLAN2				
100	5500	13.46	12.16	15.87	38.639	23.46	PASS
116	5580	16.59	15.23	18.97	78.975	23.45	PASS
140	5700	13.55	12.26	15.96	39.487	23.45	PASS
144	5720(U-NII 2C)	14.87	13.98	17.46	55.692	22.4	PASS
144	5720 (U-NII 3)	10.06	9.15	12.64	18.356	30	PASS
149	5745	15.89	15.38	18.65	73.356	30	PASS
157	5785	16.09	15.74	18.93	78.170	30	PASS
165	5825	15.90	15.69	18.81	76.000	30	PASS

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802.11n_HT40_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
102	5510	11.56	14.333	23.98	PASS
110	5550	14.78	30.083	23.98	PASS
134	5670	14.77	30.014	23.98	PASS
142	5710(U-NII 2C)	14.04	25.330	23.98	PASS
142	5710 (U-NII 3)	5.64	3.665	30	PASS
151	5755	14.82	30.362	30	PASS
159	5795	14.87	30.713	30	PASS

802.11n_HT40_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
102	5510	11.53	14.234	23.98	PASS
110	5550	14.75	29.876	23.98	PASS
134	5670	14.64	29.129	23.98	PASS
142	5710(U-NII 2C)	13.97	24.974	23.98	PASS
142	5710 (U-NII 3)	5.67	3.689	30	PASS
151	5755	14.80	30.222	30	PASS
159	5795	14.78	30.083	30	PASS

802.11n_HT40_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		WLAN1	WLAN2				
102	5510	11.58	10.19	13.95	24.854	23.98	PASS
110	5550	15.48	14.20	17.90	61.668	23.98	PASS
134	5670	15.44	14.35	17.94	62.269	23.98	PASS
142	5710(U-NII 2C)	14.68	13.71	17.23	52.875	23.98	PASS
142	5710 (U-NII 3)	6.28	5.41	8.88	7.722	30	PASS
151	5755	15.15	14.69	17.94	62.225	30	PASS
159	5795	15.14	14.74	17.96	62.491	30	PASS

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802.11ac_VHT20_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
100	5500	12.86	19.325	23.46	PASS
116	5580	15.88	38.736	23.45	PASS
140	5700	13.53	22.548	23.45	PASS
144	5720(U-NII 2C)	14.61	28.920	22.4	PASS
144	5720 (U-NII 3)	9.80	9.549	30	PASS
149	5745	15.85	38.469	30	PASS
157	5785	15.90	38.914	30	PASS
165	5825	15.87	38.647	30	PASS

802.11ac_VHT20_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
100	5500	12.81	19.103	23.46	PASS
116	5580	15.75	37.593	23.46	PASS
140	5700	13.51	22.445	23.46	PASS
144	5720(U-NII 2C)	14.51	28.225	22.4	PASS
144	5720 (U-NII 3)	9.68	9.282	30	PASS
149	5745	15.64	36.653	30	PASS
157	5785	15.51	35.572	30	PASS
165	5825	15.75	37.593	30	PASS

802.11ac_VHT20_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		WLAN1	WLAN2				
100	5500	13.30	12.03	15.72	37.348	23.46	PASS
116	5580	16.48	15.27	18.93	78.134	23.45	PASS
140	5700	13.54	12.24	15.95	39.354	23.45	PASS
144	5720(U-NII 2C)	14.82	13.97	17.43	55.277	22.4	PASS
144	5720 (U-NII 3)	10.01	9.14	12.61	18.219	30	PASS
149	5745	15.88	15.37	18.64	73.179	30	PASS
157	5785	16.08	15.73	18.92	77.982	30	PASS
165	5825	15.89	15.67	18.79	75.732	30	PASS

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802.11ac_VHT40_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
102	5510	11.54	14.264	23.98	PASS
110	5550	14.77	30.008	23.98	PASS
134	5670	14.66	29.258	23.98	PASS
142	5710(U-NII 2C)	14.03	25.267	23.98	PASS
142	5710 (U-NII 3)	5.63	3.656	30	PASS
151	5755	14.81	30.286	30	PASS
159	5795	14.84	30.496	30	PASS

802.11ac_VHT40_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
102	5510	11.51	14.166	23.98	PASS
110	5550	14.74	29.802	23.98	PASS
134	5670	14.63	29.056	23.98	PASS
142	5710(U-NII 2C)	13.96	24.912	23.98	PASS
142	5710 (U-NII 3)	5.66	3.680	30	PASS
151	5755	14.79	30.147	30	PASS
159	5795	14.77	30.008	30	PASS

802.11ac_VHT40_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		WLAN1	WLAN2				
102	5510	11.56	10.14	13.92	24.663	23.98	PASS
110	5550	15.46	14.14	17.86	61.131	23.98	PASS
134	5670	15.41	14.31	17.91	61.765	23.98	PASS
142	5710(U-NII 2C)	14.30	13.72	17.03	50.460	23.98	PASS
142	5710 (U-NII 3)	5.90	5.42	8.68	7.373	30	PASS
151	5755	15.14	14.69	17.93	62.137	30	PASS
159	5795	15.09	14.72	17.92	61.967	30	PASS

802.11ac_VHT80_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
106	5530	11.96	15.720	23.98	PASS
138	5690(U-NII 2C)	12.47	17.671	23.98	PASS
138	5690 (U-NII 3)	1.33	1.360	30	PASS
155	5775	12.97	19.836	30	PASS

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802.11ac_VHT80_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
106	5530	11.91	15.540	23.98	PASS
138	5710(U-NII 2C)	12.40	17.381	23.98	PASS
138	5690 (U-NII 3)	1.15	1.302	30	PASS
155	5775	12.73	18.769	30	PASS

802.11ac_VHT80_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		WLAN1	WLAN2				
106	5530	12.48	10.96	14.80	30.206	23.98	PASS
138	5710(U-NII 2C)	13.12	11.97	15.60	36.266	23.98	PASS
138	5690 (U-NII 3)	1.98	0.72	4.41	2.759	30	PASS
155	5775	13.11	12.81	15.98	39.604	30	PASS

802.11ax_HE20_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
100	5500	full	12.96	19.752	23.74	PASS
		26/0	8.43	6.960	23.74	PASS
		52/37	8.51	7.089	23.74	PASS
		106/53	8.60	7.253	23.74	PASS
116	5580	full	15.99	39.683	23.73	PASS
140	5700	full	13.55	22.626	23.73	PASS
		26/8	8.97	7.881	23.73	PASS
		52/40	8.98	7.900	23.73	PASS
		106/54	9.10	8.138	23.73	PASS
144	5720(U-NII	full	14.73	29.684	22.59	PASS
144	5720 (U-NII 3)	full	10.00	10.000	30	PASS
149	5745	full	15.90	38.869	30	PASS
		26/0	8.70	7.406	30	PASS
		52/37	8.75	7.492	30	PASS
		106/53	9.07	8.082	30	PASS
157	5785	full	15.97	39.501	30	PASS
165	5825	full	15.91	38.959	30	PASS
		26/8	8.11	6.465	30	PASS
		52/40	8.12	6.480	30	PASS
		106/54	8.33	6.815	30	PASS

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802.11ax_HE20_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
100	5500	full	12.93	19.616	23.73	PASS
		26/0	7.68	5.856	23.73	PASS
		52/37	7.68	5.856	23.73	PASS
		106/53	7.83	6.074	23.73	PASS
116	5580	full	15.80	37.985	23.74	PASS
140	5700	full	13.54	22.574	23.73	PASS
		26/8	8.15	6.525	23.73	PASS
		52/40	8.17	6.555	23.73	PASS
		106/54	8.17	6.569	23.73	PASS
144	5720(U-NII	full	14.56	28.543	22.58	PASS
144	5720 (U-NII 3)	full	9.95	9.881	30	PASS
149	5745	full	15.89	38.780	30	PASS
		26/0	8.35	6.833	30	PASS
		52/37	8.35	6.833	30	PASS
		106/53	8.44	6.990	30	PASS
157	5785	full	15.84	38.336	30	PASS
165	5825	full	15.81	38.072	30	PASS
		26/8	8.22	6.631	30	PASS
		52/40	8.23	6.647	30	PASS
		106/54	8.39	6.910	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
			WLAN1	WLAN2				
100	5500	full	13.44	12.25	15.89	38.833	23.73	PASS
		26/0	8.52	7.69	11.13	12.975	23.73	PASS
		52/37	8.60	7.70	11.18	13.121	23.73	PASS
		106/53	8.67	7.89	11.31	13.529	23.73	PASS
116	5580	full	16.61	15.24	18.99	79.162	23.73	PASS
140	5700	full	13.56	12.33	15.99	39.763	23.73	PASS
		26/8	9.00	8.17	11.61	14.491	23.73	PASS
		52/40	9.00	8.19	11.62	14.522	23.73	PASS
		106/54	9.15	8.26	11.74	14.938	23.73	PASS
144	5720(U-NII)	full	15.08	14.16	17.65	58.207	22.58	PASS
144	5720 (U-NII 3)	full	10.35	9.55	12.98	19.851	30	PASS
149	5745	full	15.91	15.52	18.73	74.572	30	PASS
		26/0	8.73	8.36	11.56	14.306	30	PASS
		52/37	8.81	8.37	11.60	14.461	30	PASS
		106/53	9.09	8.52	11.83	15.239	30	PASS
157	5785	full	16.18	15.78	18.99	79.268	30	PASS
165	5825	full	16.05	15.91	18.99	79.194	30	PASS
		26/8	8.20	8.27	11.24	13.309	30	PASS
		52/40	8.18	8.24	11.22	13.232	30	PASS
		106/54	8.36	8.46	11.43	13.885	30	PASS

802.11ax_HE40_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
102	5510	full	11.58	14.403	23.98	PASS
		242/61	8.74	7.475	23.98	PASS
110	5550	full	14.88	30.794	23.98	PASS
134	5670	full	14.96	31.367	23.98	PASS
		242/62	9.38	8.662	23.98	PASS
142	5710(U-NII)	full	14.38	27.422	23.98	PASS
142	5710 (U-NII 3)	full	5.96	3.944	30	PASS
151	5755	full	14.87	30.723	30	PASS
		242/61	9.09	8.102	30	PASS
159	5795	full	14.95	31.294	30	PASS
		242/62	8.87	7.702	30	PASS

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802.11ax_HE40_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
102	5510	full	11.56	14.337	23.98	PASS
		242/61	7.92	6.189	23.98	PASS
110	5550	full	14.81	30.302	23.98	PASS
134	5670	full	14.93	31.151	23.98	PASS
		242/62	7.97	6.260	23.98	PASS
142	5710(U-NII)	full	14.23	26.466	23.98	PASS
142	5710 (U-NII 3)	full	5.84	3.836	30	PASS
151	5755	full	14.85	30.582	30	PASS
		242/61	8.49	7.057	30	PASS
159	5795	full	14.81	30.302	30	PASS
		242/62	8.82	7.614	30	PASS

802.11ax_HE40_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			WLAN1	WLAN2				
102	5510	full	11.59	10.24	13.98	25.016	23.98	PASS
		242/61	8.88	7.93	11.44	13.923	23.98	PASS
110	5550	full	15.55	14.23	17.95	62.444	23.98	PASS
134	5670	full	15.47	14.38	17.97	62.720	23.98	PASS
		242/62	9.42	8.00	11.77	15.046	23.98	PASS
142	5710(U-NII)	full	14.72	13.80	17.29	53.626	23.98	PASS
142	5710 (U-NII 3)	full	6.30	5.41	8.89	7.740	30	PASS
151	5755	full	15.20	14.72	17.98	62.829	30	PASS
		242/61	9.18	8.55	11.88	15.427	30	PASS
159	5795	full	15.17	14.78	17.99	63.014	30	PASS
		242/62	8.92	8.86	11.90	15.475	30	PASS

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802.11ax_HE80_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
106	5530	full	11.99	15.821	23.98	PASS
		484/65	9.03	7.991	23.98	PASS
138	5690(U-NII)	full	12.57	18.072	23.98	PASS
138	5690 (U-NII 3)	full	1.00	1.257	30	PASS
155	5775	full	12.86	19.330	30	PASS
		484/65	9.22	8.348	30	PASS
		484/66	9.05	8.028	30	PASS

802.11ax_HE80_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
106	5530	full	11.97	15.748	23.98	PASS
		484/65	8.12	6.480	23.98	PASS
138	5690(U-NII)	full	12.53	17.925	23.98	PASS
138	5690 (U-NII 3)	full	0.89	1.227	30	PASS
155	5775	full	12.81	19.108	30	PASS
		484/65	8.67	7.355	30	PASS
		484/66	8.96	7.863	30	PASS

802.11ax_HE80_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			WLAN1	WLAN2				
106	5530	full	12.48	11.13	14.87	30.689	23.98	PASS
		484/65	9.16	8.13	11.68	14.729	23.98	PASS
138	5690(U-NII)	full	13.21	12.09	15.70	37.140	23.98	PASS
138	5690 (U-NII 3)	full	1.64	0.45	4.09	2.566	30	PASS
155	5775	full	13.13	12.82	15.99	39.722	30	PASS
		484/65	9.23	8.69	11.97	15.757	30	PASS
		484/66	9.13	9.04	12.09	16.187	30	PASS

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LOW POWER OF EIRP (TPC)

802.11a_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	5.67	2.57	8.24	6.668	13.96	PASS
44	5220	5.41	2.57	7.98	6.281	13.96	PASS
48	5240	5.60	2.57	8.17	6.561	13.94	PASS
52	5260	5.62	2.57	8.19	6.592	13.96	PASS
60	5300	5.81	2.57	8.38	6.887	13.96	PASS
64	5320	5.65	2.57	8.22	6.637	13.95	PASS

802.11a_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	5.39	0.06	5.45	3.508	13.95	PASS
44	5220	5.53	0.06	5.59	3.622	13.94	PASS
48	5240	5.39	0.06	5.45	3.508	13.95	PASS
52	5260	5.57	0.06	5.63	3.656	13.94	PASS
60	5300	5.64	0.06	5.70	3.715	13.95	PASS
64	5320	5.70	0.06	5.76	3.767	13.95	PASS

802.11a_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	8.80	1.49	10.30	10.715	13.95	PASS
44	5220	8.52	1.49	10.01	10.023	13.94	PASS
48	5240	8.57	1.49	10.06	10.139	13.94	PASS
52	5260	8.85	1.49	10.35	10.839	13.94	PASS
60	5300	8.89	1.49	10.39	10.940	13.95	PASS
64	5320	8.89	1.49	10.38	10.914	13.95	PASS

802.11n_HT20_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	7.79	2.57	10.36	10.864	14.22	PASS
44	5220	7.75	2.57	10.32	10.765	14.22	PASS
48	5240	7.59	2.57	10.16	10.375	14.22	PASS
52	5260	7.73	2.57	10.30	10.715	14.21	PASS
60	5300	7.61	2.57	10.18	10.423	14.22	PASS
64	5320	7.58	2.57	10.15	10.351	14.22	PASS

802.11n_HT20_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	7.62	0.06	7.68	5.861	14.23	PASS
44	5220	7.83	0.06	7.89	6.152	14.22	PASS
48	5240	7.56	0.06	7.62	5.781	14.22	PASS
52	5260	7.45	0.06	7.51	5.636	14.22	PASS
60	5300	7.51	0.06	7.57	5.715	14.22	PASS
64	5320	7.62	0.06	7.68	5.861	14.22	PASS

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802.11n_HT20_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	8.31	1.49	9.81	9.572	14.22	PASS
44	5220	8.51	1.49	10.01	10.023	14.22	PASS
48	5240	8.50	1.49	9.99	9.977	14.22	PASS
52	5260	8.46	1.49	9.96	9.908	14.21	PASS
60	5300	8.37	1.49	9.87	9.705	14.22	PASS
64	5320	8.50	1.49	9.99	9.977	14.22	PASS

802.11n_HT40_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	8.55	2.57	11.12	12.942	14.77	PASS
46	5230	8.53	2.57	11.10	12.882	14.77	PASS
54	5270	8.74	2.57	11.31	13.521	14.77	PASS
62	5310	8.61	2.57	11.18	13.122	14.77	PASS

802.11n_HT40_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	8.43	0.06	8.49	7.063	14.77	PASS
46	5230	8.37	0.06	8.43	6.966	14.77	PASS
54	5270	8.59	0.06	8.65	7.328	14.77	PASS
62	5310	8.50	0.06	8.56	7.178	14.77	PASS

802.11n_HT40_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	8.43	1.49	9.92	9.817	14.77	PASS
46	5230	8.63	1.49	10.12	10.280	14.77	PASS
54	5270	8.45	1.49	9.94	9.863	14.77	PASS
62	5310	8.48	1.49	9.97	9.931	14.77	PASS

802.11ac_VHT20_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	7.76	2.57	10.33	10.789	14.22	PASS
44	5220	7.75	2.57	10.32	10.765	14.22	PASS
48	5240	7.53	2.57	10.10	10.233	14.22	PASS
52	5260	7.63	2.57	10.20	10.471	14.21	PASS
60	5300	7.74	2.57	10.31	10.740	14.22	PASS
64	5320	7.64	2.57	10.21	10.495	14.22	PASS

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802.11ac_VHT20_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	7.60	0.06	7.66	5.834	14.23	PASS
44	5220	7.57	0.06	7.63	5.794	14.22	PASS
48	5240	7.45	0.06	7.51	5.636	14.22	PASS
52	5260	7.58	0.06	7.64	5.808	14.22	PASS
60	5300	7.58	0.06	7.64	5.808	14.22	PASS
64	5320	7.49	0.06	7.55	5.689	14.22	PASS

802.11ac_VHT20_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	8.35	1.49	9.84	9.638	14.22	PASS
44	5220	8.55	1.49	10.04	10.093	14.22	PASS
48	5240	8.61	1.49	10.10	10.233	14.22	PASS
52	5260	8.35	1.49	9.84	9.638	14.21	PASS
60	5300	8.41	1.49	9.90	9.772	14.22	PASS
64	5320	8.44	1.49	9.93	9.840	14.22	PASS

802.11ac_VHT40_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	8.42	2.57	10.99	12.560	14.77	PASS
46	5230	8.46	2.57	11.03	12.677	14.77	PASS
54	5270	8.68	2.57	11.25	13.335	14.77	PASS
62	5310	8.72	2.57	11.29	13.459	14.77	PASS

802.11ac_VHT40_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	8.48	0.06	8.54	7.145	14.77	PASS
46	5230	8.41	0.06	8.47	7.031	14.77	PASS
54	5270	8.51	0.06	8.57	7.194	14.77	PASS
62	5310	8.61	0.06	8.67	7.362	14.77	PASS

802.11ac_VHT40_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	8.38	1.49	9.87	9.705	14.77	PASS
46	5230	8.57	1.49	10.06	10.139	14.77	PASS
54	5270	8.44	1.49	9.94	9.863	14.77	PASS
62	5310	8.41	1.49	9.90	9.772	14.77	PASS

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802.11ac_VHT80_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	8.52	2.57	11.09	12.853	14.77	PASS
58	5290	8.84	2.57	11.41	13.836	14.77	PASS

802.11ac_VHT80_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	8.66	0.06	8.72	7.447	14.77	PASS
58	5290	8.26	0.06	8.32	6.792	14.77	PASS

802.11ac_VHT80_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	8.72	1.49	10.21	10.495	14.77	PASS
58	5290	8.45	1.49	9.94	9.863	14.77	PASS

802.11ax_HE20_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	full	7.87	2.57	10.44	11.066	14.49	PASS
		26/0	5.30	2.57	7.87	6.124	14.49	PASS
		52/37	5.26	2.57	7.83	6.067	14.49	PASS
		106/53	5.56	2.57	8.13	6.501	14.49	PASS
44	5220	full	7.83	2.57	10.40	10.965	14.49	PASS
48	5240	full	7.73	2.57	10.30	10.715	14.49	PASS
52	5260	full	7.77	2.57	10.34	10.814	14.49	PASS
60	5300	full	7.69	2.57	10.26	10.617	14.5	PASS
64	5320	full	7.75	2.57	10.32	10.765	14.49	PASS
		26/8	5.68	2.57	8.25	6.683	14.49	PASS
		52/40	5.84	2.57	8.41	6.934	14.49	PASS
		106/54	5.49	2.57	8.06	6.397	14.49	PASS

802.11ax_HE20_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	full	7.66	0.06	7.72	5.916	14.48	PASS
		26/0	4.52	0.06	4.58	2.871	14.48	PASS
		52/37	4.59	0.06	4.65	2.917	14.48	PASS
		106/53	4.68	0.06	4.74	2.979	14.48	PASS
44	5220	full	7.89	0.06	7.95	6.237	14.49	PASS
48	5240	full	7.81	0.06	7.87	6.124	14.5	PASS
52	5260	full	7.85	0.06	7.91	6.180	14.49	PASS
60	5300	full	7.76	0.06	7.82	6.053	14.5	PASS
64	5320	full	7.71	0.06	7.77	5.984	14.5	PASS
		26/8	4.87	0.06	4.93	3.112	14.5	PASS
		52/40	4.90	0.06	4.96	3.133	14.5	PASS
		106/54	4.70	0.06	4.76	2.992	14.5	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	8.69	1.49	10.18	10.423	14.48	PASS
		26/0	7.86	1.49	9.36	8.630	14.48	PASS
		52/37	7.98	1.49	9.47	8.851	14.48	PASS
		106/53	8.25	1.49	9.74	9.419	14.48	PASS
44	5220	full	8.76	1.49	10.26	10.617	14.49	PASS
48	5240	full	8.83	1.49	10.32	10.765	14.49	PASS
52	5260	full	8.67	1.49	10.16	10.375	14.49	PASS
60	5300	full	8.63	1.49	10.12	10.280	14.5	PASS
64	5320	full	8.73	1.49	10.22	10.520	14.49	PASS
		26/8	8.31	1.49	9.80	9.550	14.49	PASS
		52/40	8.41	1.49	9.90	9.772	14.49	PASS
		106/54	8.23	1.49	9.72	9.376	14.49	PASS

802.11ax_HE40_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	full	8.58	2.57	11.15	13.032	14.77	PASS
		242/61	5.62	2.57	8.19	6.592	14.77	PASS
46	5230	full	8.84	2.57	11.41	13.836	14.77	PASS
54	5270	full	8.67	2.57	11.24	13.305	14.77	PASS
62	5310	full	8.74	2.57	11.31	13.521	14.77	PASS
		242/62	5.92	2.57	8.49	7.063	14.77	PASS

802.11ax_HE40_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	full	8.60	0.06	8.66	7.345	14.77	PASS
		242/61	4.88	0.06	4.94	3.119	14.77	PASS
46	5230	full	8.92	0.06	8.98	7.907	14.77	PASS
54	5270	full	8.71	0.06	8.77	7.534	14.77	PASS
62	5310	full	8.78	0.06	8.84	7.656	14.77	PASS
		242/62	5.10	0.06	5.16	3.281	14.77	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	8.79	1.49	10.28	10.666	14.77	PASS
		242/61	8.31	1.49	9.80	9.550	14.77	PASS
46	5230	full	8.82	1.49	10.32	10.765	14.77	PASS
54	5270	full	8.73	1.49	10.23	10.544	14.77	PASS
62	5310	full	8.73	1.49	10.22	10.520	14.77	PASS
		242/62	8.61	1.49	10.10	10.233	14.77	PASS

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802.11ax_HE80_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	8.73	2.57	11.30	13.490	14.77	PASS
		484/65	5.66	2.57	8.23	6.653	14.77	PASS
58	5290	full	8.87	2.57	11.44	13.932	14.77	PASS
		484/66	5.32	2.57	7.89	6.152	14.77	PASS

802.11ax_HE80_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	8.83	0.06	8.89	7.745	14.77	PASS
		484/65	5.24	0.06	5.30	3.388	14.77	PASS
58	5290	full	8.55	0.06	8.61	7.261	14.77	PASS
		484/66	5.08	0.06	5.14	3.266	14.77	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	8.83	1.49	10.33	10.789	14.77	PASS
		484/65	8.61	1.49	10.11	10.257	14.77	PASS
58	5290	full	8.82	1.49	10.31	10.740	14.77	PASS
		484/66	8.54	1.49	10.04	10.093	14.77	PASS

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HIGH POWER OF EIRP

802.11a_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	8.92	2.57	11.49	14.093	13.96	PASS
44	5220	8.63	2.57	11.20	13.183	13.96	PASS
48	5240	8.72	2.57	11.29	13.459	13.94	PASS
52	5260	8.74	2.57	11.31	13.521	13.96	PASS
60	5300	8.83	2.57	11.40	13.804	13.96	PASS
64	5320	8.88	2.57	11.45	13.964	13.95	PASS
100	5500	13.97	2.57	16.54	45.082	29.19	PASS
116	5580	15.87	2.57	18.44	69.823	29.24	PASS
140	5700	13.86	2.57	16.43	43.954	29.27	PASS

802.11a_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	8.50	0.06	8.56	7.178	13.95	PASS
44	5220	8.58	0.06	8.64	7.311	13.94	PASS
48	5240	8.60	0.06	8.66	7.345	13.95	PASS
52	5260	8.71	0.06	8.77	7.534	13.94	PASS
60	5300	8.77	0.06	8.83	7.638	13.95	PASS
64	5320	8.84	0.06	8.90	7.762	13.95	PASS
100	5500	13.82	0.06	13.88	24.434	29.18	PASS
116	5580	15.83	0.06	15.89	38.815	29.19	PASS
140	5700	13.79	0.06	13.85	24.266	29.18	PASS

802.11a_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	11.97	1.49	13.46	22.182	13.95	PASS
44	5220	11.68	1.49	13.17	20.749	13.94	PASS
48	5240	11.72	1.49	13.22	20.989	13.94	PASS
52	5260	11.96	1.49	13.46	22.182	13.94	PASS
60	5300	11.96	1.49	13.45	22.131	13.95	PASS
64	5320	11.99	1.49	13.48	22.284	13.95	PASS
100	5500	16.98	1.49	18.47	70.307	29.18	PASS
116	5580	18.96	1.49	20.45	110.917	29.19	PASS
140	5700	16.99	1.49	18.48	70.469	29.18	PASS

802.11n_HT20_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	10.96	2.57	13.53	22.542	14.22	PASS
44	5220	10.94	2.57	13.51	22.439	14.22	PASS
48	5240	10.86	2.57	13.43	22.029	14.22	PASS
52	5260	10.76	2.57	13.33	21.528	14.21	PASS
60	5300	10.84	2.57	13.41	21.928	14.22	PASS
64	5320	10.88	2.57	13.45	22.131	14.22	PASS
100	5500	12.95	2.57	15.52	35.645	29.46	PASS
116	5580	15.89	2.57	18.46	70.146	29.45	PASS
140	5700	13.54	2.57	16.11	40.832	29.45	PASS

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802.11n_HT20_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	10.91	0.06	10.97	12.503	14.23	PASS
44	5220	10.86	0.06	10.92	12.359	14.22	PASS
48	5240	10.80	0.06	10.86	12.190	14.22	PASS
52	5260	10.74	0.06	10.80	12.023	14.22	PASS
60	5300	10.78	0.06	10.84	12.134	14.22	PASS
64	5320	10.83	0.06	10.89	12.274	14.22	PASS
100	5500	12.91	0.06	12.97	19.815	29.46	PASS
116	5580	15.76	0.06	15.82	38.194	29.46	PASS
140	5700	13.52	0.06	13.58	22.803	29.46	PASS

802.11n_HT20_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	11.57	1.49	13.06	20.230	14.22	PASS
44	5220	11.72	1.49	13.21	20.941	14.22	PASS
48	5240	11.74	1.49	13.23	21.038	14.22	PASS
52	5260	11.53	1.49	13.02	20.045	14.21	PASS
60	5300	11.60	1.49	13.09	20.370	14.22	PASS
64	5320	11.64	1.49	13.13	20.559	14.22	PASS
100	5500	15.87	1.49	17.36	54.450	29.46	PASS
116	5580	18.97	1.49	20.47	111.429	29.45	PASS
140	5700	15.96	1.49	17.46	55.719	29.45	PASS

802.11n_HT40_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	11.56	2.57	14.13	25.882	14.77	PASS
46	5230	11.73	2.57	14.30	26.915	14.77	PASS
54	5270	11.75	2.57	14.32	27.040	14.77	PASS
62	5310	11.86	2.57	14.43	27.733	14.77	PASS
102	5510	11.56	2.57	14.13	25.882	30	PASS
110	5550	14.78	2.57	17.35	54.325	30	PASS
134	5670	14.77	2.57	17.34	54.200	30	PASS

802.11n_HT40_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	11.52	0.06	11.58	14.388	14.77	PASS
46	5230	11.66	0.06	11.72	14.859	14.77	PASS
54	5270	11.74	0.06	11.80	15.136	14.77	PASS
62	5310	11.78	0.06	11.84	15.276	14.77	PASS
102	5510	11.53	0.06	11.59	14.421	30	PASS
110	5550	14.75	0.06	14.81	30.269	30	PASS
134	5670	14.64	0.06	14.70	29.512	30	PASS

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802.11n_HT40_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	11.61	1.49	13.10	20.417	14.77	PASS
46	5230	11.72	1.49	13.21	20.941	14.77	PASS
54	5270	11.58	1.49	13.08	20.324	14.77	PASS
62	5310	11.63	1.49	13.12	20.512	14.77	PASS
102	5510	13.95	1.49	15.45	35.075	30	PASS
110	5550	17.90	1.49	19.39	86.896	30	PASS
134	5670	17.94	1.49	19.44	87.902	30	PASS

802.11ac_VHT20_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	10.86	2.57	13.43	22.029	14.22	PASS
44	5220	10.89	2.57	13.46	22.182	14.22	PASS
48	5240	10.76	2.57	13.33	21.528	14.22	PASS
52	5260	10.75	2.57	13.32	21.478	14.21	PASS
60	5300	10.81	2.57	13.38	21.777	14.22	PASS
64	5320	10.85	2.57	13.42	21.979	14.22	PASS
100	5500	12.86	2.57	15.43	34.914	29.46	PASS
116	5580	15.88	2.57	18.45	69.984	29.45	PASS
140	5700	13.53	2.57	16.10	40.738	29.45	PASS

802.11ac_VHT20_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	10.81	0.06	10.87	12.218	14.23	PASS
44	5220	10.83	0.06	10.89	12.274	14.22	PASS
48	5240	10.72	0.06	10.78	11.967	14.22	PASS
52	5260	10.73	0.06	10.79	11.995	14.22	PASS
60	5300	10.72	0.06	10.78	11.967	14.22	PASS
64	5320	10.78	0.06	10.84	12.134	14.22	PASS
100	5500	12.81	0.06	12.87	19.364	29.46	PASS
116	5580	15.75	0.06	15.81	38.107	29.46	PASS
140	5700	13.51	0.06	13.57	22.751	29.46	PASS

802.11ac_VHT20_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	11.55	1.49	13.04	20.137	14.22	PASS
44	5220	11.71	1.49	13.20	20.893	14.22	PASS
48	5240	11.73	1.49	13.23	21.038	14.22	PASS
52	5260	11.50	1.49	13.00	19.953	14.21	PASS
60	5300	11.57	1.49	13.06	20.230	14.22	PASS
64	5320	11.61	1.49	13.10	20.417	14.22	PASS
100	5500	15.72	1.49	17.22	52.723	29.46	PASS
116	5580	18.93	1.49	20.42	110.154	29.45	PASS
140	5700	15.95	1.49	17.44	55.463	29.45	PASS

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802.11ac_VHT40_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	11.54	2.57	14.11	25.763	14.77	PASS
46	5230	11.72	2.57	14.29	26.853	14.77	PASS
54	5270	11.73	2.57	14.30	26.915	14.77	PASS
62	5310	11.85	2.57	14.42	27.669	14.77	PASS
102	5510	11.54	2.57	14.11	25.763	30	PASS
110	5550	14.77	2.57	17.34	54.200	30	PASS
134	5670	14.66	2.57	17.23	52.845	30	PASS

802.11ac_VHT40_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	11.51	0.06	11.57	14.355	14.77	PASS
46	5230	11.62	0.06	11.68	14.723	14.77	PASS
54	5270	11.72	0.06	11.78	15.066	14.77	PASS
62	5310	11.77	0.06	11.83	15.241	14.77	PASS
102	5510	11.51	0.06	11.57	14.355	30	PASS
110	5550	14.74	0.06	14.80	30.200	30	PASS
134	5670	14.63	0.06	14.69	29.444	30	PASS

802.11ac_VHT40_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	11.60	1.49	13.09	20.370	14.77	PASS
46	5230	11.71	1.49	13.20	20.893	14.77	PASS
54	5270	11.52	1.49	13.01	19.999	14.77	PASS
62	5310	11.58	1.49	13.07	20.277	14.77	PASS
102	5510	13.92	1.49	15.41	34.754	30	PASS
110	5550	17.86	1.49	19.36	86.298	30	PASS
134	5670	17.91	1.49	19.40	87.096	30	PASS

802.11ac_VHT80_WLAN1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	11.79	2.57	14.36	27.290	14.77	PASS
58	5290	11.86	2.57	14.43	27.733	14.77	PASS
106	5530	11.96	2.57	14.53	28.379	30	PASS

802.11ac_VHT80_WLAN2

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	11.72	0.06	11.78	15.066	14.77	PASS
58	5290	11.51	0.06	11.57	14.355	14.77	PASS
106	5530	11.91	0.06	11.97	15.740	30	PASS

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802.11ac_VHT80_2TX

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	11.79	1.49	13.29	21.330	14.77	PASS
58	5290	11.72	1.49	13.21	20.941	14.77	PASS
106	5530	14.80	1.49	16.29	42.560	30	PASS

802.11ax_HE20_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	full	10.99	2.57	13.56	22.699	14.49	PASS
		26/0	8.31	2.57	10.88	12.246	14.49	PASS
		52/37	8.38	2.57	10.95	12.445	14.49	PASS
		106/53	8.62	2.57	11.19	13.152	14.49	PASS
44	5220	full	10.96	2.57	13.53	22.542	14.49	PASS
48	5240	full	10.95	2.57	13.52	22.491	14.49	PASS
52	5260	full	10.97	2.57	13.54	22.594	14.49	PASS
60	5300	full	10.91	2.57	13.48	22.284	14.5	PASS
64	5320	full	10.96	2.57	13.53	22.542	14.49	PASS
		26/8	8.83	2.57	11.40	13.804	14.49	PASS
		52/40	8.89	2.57	11.46	13.996	14.49	PASS
		106/54	8.60	2.57	11.17	13.092	14.49	PASS
100	5500	full	12.96	2.57	15.53	35.727	29.74	PASS
		26/0	8.43	2.57	11.00	12.589	29.74	PASS
		52/37	8.51	2.57	11.08	12.823	29.74	PASS
		106/53	8.60	2.57	11.17	13.092	29.74	PASS
116	5580	full	15.99	2.57	18.56	71.779	29.73	PASS
140	5700	full	13.55	2.57	16.12	40.926	29.73	PASS
		26/8	8.97	2.57	11.54	14.256	29.73	PASS
		52/40	8.98	2.57	11.55	14.289	29.73	PASS
		106/54	9.10	2.57	11.67	14.689	29.73	PASS

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802.11ax_HE20_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	full	10.95	0.06	11.01	12.618	14.48	PASS
		26/0	7.60	0.06	7.66	5.834	14.48	PASS
		52/37	7.67	0.06	7.73	5.929	14.48	PASS
		106/53	7.77	0.06	7.83	6.067	14.48	PASS
44	5220	full	10.94	0.06	11.00	12.589	14.49	PASS
48	5240	full	10.93	0.06	10.99	12.560	14.5	PASS
52	5260	full	10.93	0.06	10.99	12.560	14.49	PASS
60	5300	full	10.87	0.06	10.93	12.388	14.5	PASS
64	5320	full	10.92	0.06	10.98	12.531	14.5	PASS
		26/8	8.03	0.06	8.09	6.442	14.5	PASS
		52/40	8.09	0.06	8.15	6.531	14.5	PASS
		106/54	7.93	0.06	7.99	6.295	14.5	PASS
100	5500	full	12.93	0.06	12.99	19.907	29.73	PASS
		26/0	7.68	0.06	7.74	5.943	29.73	PASS
		52/37	7.68	0.06	7.74	5.943	29.73	PASS
		106/53	7.83	0.06	7.89	6.152	29.73	PASS
116	5580	full	15.80	0.06	15.86	38.548	29.74	PASS
140	5700	full	13.54	0.06	13.60	22.909	29.73	PASS
		26/8	8.15	0.06	8.21	6.622	29.73	PASS
		52/40	8.17	0.06	8.23	6.653	29.73	PASS
		106/54	8.17	0.06	8.23	6.653	29.73	PASS

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	11.79	1.49	13.28	21.281	14.48	PASS
		26/0	11.00	1.49	12.50	17.783	14.48	PASS
		52/37	11.11	1.49	12.61	18.239	14.48	PASS
		106/53	11.31	1.49	12.80	19.055	14.48	PASS
44	5220	full	11.97	1.49	13.46	22.182	14.49	PASS
48	5240	full	11.98	1.49	13.48	22.284	14.49	PASS
52	5260	full	11.76	1.49	13.26	21.184	14.49	PASS
60	5300	full	11.82	1.49	13.31	21.429	14.5	PASS
64	5320	full	11.86	1.49	13.36	21.677	14.49	PASS
		26/8	11.50	1.49	13.00	19.953	14.49	PASS
		52/40	11.54	1.49	13.03	20.091	14.49	PASS
		106/54	11.32	1.49	12.81	19.099	14.49	PASS
100	5500	full	15.89	1.49	17.39	54.828	29.73	PASS
		26/0	11.13	1.49	12.62	18.281	29.73	PASS
		52/37	11.18	1.49	12.67	18.493	29.73	PASS
		106/53	11.31	1.49	12.81	19.099	29.73	PASS
116	5580	full	18.99	1.49	20.48	111.686	29.73	PASS
140	5700	full	15.99	1.49	17.49	56.105	29.73	PASS
		26/8	11.61	1.49	13.10	20.417	29.73	PASS
		52/40	11.62	1.49	13.11	20.464	29.73	PASS
		106/54	11.74	1.49	13.24	21.086	29.73	PASS

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802.11ax_HE40_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	full	11.83	2.57	14.40	27.542	14.77	PASS
		242/61	8.67	2.57	11.24	13.305	14.77	PASS
46	5230	full	11.99	2.57	14.56	28.576	14.77	PASS
54	5270	full	11.95	2.57	14.52	28.314	14.77	PASS
62	5310	full	11.98	2.57	14.55	28.510	14.77	PASS
		242/62	9.20	2.57	11.77	15.031	14.77	PASS
102	5510	full	11.58	2.57	14.15	26.002	30	PASS
		242/61	8.74	2.57	11.31	13.521	30	PASS
110	5550	full	14.88	2.57	17.45	55.590	30	PASS
134	5670	full	14.96	2.57	17.53	56.624	30	PASS
		242/62	9.38	2.57	11.95	15.668	30	PASS

802.11ax_HE40_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	full	11.80	0.06	11.86	15.346	14.77	PASS
		242/61	8.05	0.06	8.11	6.471	14.77	PASS
46	5230	full	11.93	0.06	11.99	15.812	14.77	PASS
54	5270	full	11.98	0.06	12.04	15.996	14.77	PASS
62	5310	full	11.99	0.06	12.05	16.032	14.77	PASS
		242/62	8.27	0.06	8.33	6.808	14.77	PASS
102	5510	full	11.56	0.06	11.62	14.521	30	PASS
		242/61	7.92	0.06	7.98	6.281	30	PASS
110	5550	full	14.81	0.06	14.87	30.690	30	PASS
134	5670	full	14.93	0.06	14.99	31.550	30	PASS
		242/62	7.97	0.06	8.03	6.353	30	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	11.90	1.49	13.40	21.878	14.77	PASS
		242/61	11.42	1.49	12.91	19.543	14.77	PASS
46	5230	full	11.98	1.49	13.48	22.284	14.77	PASS
54	5270	full	11.85	1.49	13.34	21.577	14.77	PASS
62	5310	full	11.91	1.49	13.40	21.878	14.77	PASS
		242/62	11.79	1.49	13.28	21.281	14.77	PASS
102	5510	full	13.98	1.49	15.48	35.318	30	PASS
		242/61	11.44	1.49	12.93	19.634	30	PASS
110	5550	full	17.95	1.49	19.45	88.105	30	PASS
134	5670	full	17.97	1.49	19.47	88.512	30	PASS
		242/62	11.77	1.49	13.27	21.232	30	PASS

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802.11ax_HE80_WLAN1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	11.98	2.57	14.55	28.510	14.77	PASS
		484/65	8.86	2.57	11.43	13.900	14.77	PASS
58	5290	full	11.99	2.57	14.56	28.576	14.77	PASS
		484/66	8.60	2.57	11.17	13.092	14.77	PASS
106	5530	full	11.99	2.57	14.56	28.576	30	PASS
		484/65	9.03	2.57	11.60	14.454	30	PASS

802.11ax_HE80_WLAN2

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	11.94	0.06	12.00	15.849	14.77	PASS
		484/65	8.37	0.06	8.43	6.966	14.77	PASS
58	5290	full	11.76	0.06	11.82	15.205	14.77	PASS
		484/66	8.30	0.06	8.36	6.855	14.77	PASS
106	5530	full	11.97	0.06	12.03	15.959	30	PASS
		484/65	8.12	0.06	8.18	6.577	30	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	11.96	1.49	13.45	22.131	14.77	PASS
		484/65	11.67	1.49	13.16	20.701	14.77	PASS
58	5290	full	11.97	1.49	13.46	22.182	14.77	PASS
		484/66	11.70	1.49	13.20	20.893	14.77	PASS
106	5530	full	14.87	1.49	16.36	43.251	30	PASS
		484/65	11.68	1.49	13.18	20.797	30	PASS

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10 MAXIMUM POWER SPECTRAL DENSITY

10.1 FCC Standard

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
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.				

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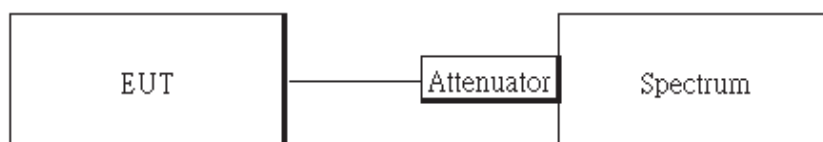
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10.2 ISED Standard

FREQUENCY BAND (MHz)	EUT CATEGORY		RSS-247 §6.2.1~6.2.4	
			EIRP Density	Power Density
5150~5250	V	OEM devices installed in vehicles	N/A	N/A
		Other device	10 dBm/MHz	N/A
5250~5350	V	OEM devices installed in vehicles	N/A	N/A
		Other device	N/A	11 dBm/MHz
5470-5600 and 5650-5725	V	All	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.

10.3 Test Setup



10.4 Measurement Procedure

- Place the EUT on the table and set it in transmitting mode.
- The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
- Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
- 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.
- User the cursor on spectrum to peak search the highest level of trace
- (1)Duty cycle $\geq 98\%$: Record the max. reading.

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(2) Duty cycle < 98% : 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 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.

10.5 Measurement Result

POWER DENSITY 802.11a MODE							
Frequency (MHz)	WLAN1 meas PSD (dBm/MHz)	WLAN2 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	4.637	4.253	0.00	7.46		11.00 dBm/MHz	-3.54
5220	4.695	4.471	0.00	7.59		11.00 dBm/MHz	-3.41
5240	4.880	4.327	0.00	7.62		11.00 dBm/MHz	-3.38
5260	4.738	3.660	0.00	7.24		11.00 dBm/MHz	-3.76
5300	4.300	3.633	0.00	6.99		11.00 dBm/MHz	-4.01
5320	4.366	3.934	0.00	7.17		11.00 dBm/MHz	-3.83
5500	2.035	0.681	0.00	4.42		11.00 dBm/MHz	-6.58
5580	5.961	3.796	0.00	8.02		11.00 dBm/MHz	-2.98
5700	4.164	2.333	0.00	6.35		11.00 dBm/MHz	-4.65
5720 (U-NII 2C)	6.369	4.119	0.00	8.40		11.00 dBm/MHz	-2.60
Frequency (MHz)	WLAN1 meas PSD (dBm/300kHz)	WLAN2 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)	0.692	-1.672	0.00	2.22	4.90	30.00 dBm/500kHz	-25.10
5745	-0.130	-1.201	0.00	2.22	4.60	30.00 dBm/500kHz	-25.40
5785	0.993	-0.166	0.00	2.22	5.68	30.00 dBm/500kHz	-24.32
5825	0.697	-0.375	0.00	2.22	5.42	30.00 dBm/500kHz	-24.58

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POWER DENSITY 802.11n HT20 MODE							
Frequency (MHz)	WLAN1 meas PSD (dBm/MHz)	WLAN2 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	4.555	3.890	0.00	7.25		11.00 dBm/MHz	-3.75
5220	4.800	4.064	0.00	7.46		11.00 dBm/MHz	-3.54
5240	4.747	4.467	0.00	7.62		11.00 dBm/MHz	-3.38
5260	4.565	4.343	0.00	7.47		11.00 dBm/MHz	-3.53
5300	4.558	4.166	0.00	7.38		11.00 dBm/MHz	-3.62
5320	4.325	3.675	0.00	7.02		11.00 dBm/MHz	-3.98
5500	0.949	-0.430	0.00	3.32		11.00 dBm/MHz	-7.68
5580	4.893	2.686	0.00	6.94		11.00 dBm/MHz	-4.06
5700	2.397	1.060	0.00	4.79		11.00 dBm/MHz	-6.21
5720 (U-NII 2C)	4.884	3.613	0.00	7.31		11.00 dBm/MHz	-3.69
Frequency (MHz)	WLAN1 meas PSD (dBm/300kHz)	WLAN2 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)	-0.226	-1.946	0.00	2.22	4.23	30.00 dBm/500kHz	-25.77
5745	-0.358	0.444	0.00	2.22	5.29	30.00 dBm/500kHz	-24.71
5785	0.002	-0.819	0.00	2.22	4.84	30.00 dBm/500kHz	-25.16
5825	-0.564	-0.747	0.00	2.22	4.58	30.00 dBm/500kHz	-25.42
POWER DENSITY 802.11n HT40 MODE							
Frequency (MHz)	WLAN1 meas PSD (dBm/MHz)	WLAN2 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	0.747	-0.106	0.10	3.45		11.00 dBm/MHz	-7.55
5230	0.816	0.125	0.10	3.59		11.00 dBm/MHz	-7.41
5270	0.535	-0.333	0.10	3.23		11.00 dBm/MHz	-7.77
5310	0.365	-0.560	0.10	3.04		11.00 dBm/MHz	-7.96
5510	-3.759	-4.878	0.10	-1.17		11.00 dBm/MHz	-12.17
5550	0.487	-0.500	0.10	3.13		11.00 dBm/MHz	-7.87
5670	0.901	-0.355	0.10	3.43		11.00 dBm/MHz	-7.57
5710 (U-NII 2C)	1.317	-0.347	0.10	3.67		11.00 dBm/MHz	-7.33
Frequency (MHz)	WLAN1 meas PSD (dBm/300kHz)	WLAN2 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)	-4.620	-5.280	0.10	2.22	0.39	30.00 dBm/500kHz	-29.61
5755	-2.690	-4.745	0.10	2.22	1.73	30.00 dBm/500kHz	-28.27
5795	-2.869	-4.995	0.10	2.22	1.53	30.00 dBm/500kHz	-28.47
POWER DENSITY 802.11ac VHT80 MODE							
Frequency (MHz)	WLAN1 meas PSD (dBm/MHz)	WLAN2 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	-4.855	-5.185	0.20	-1.81		11.00 dBm/MHz	-12.81
5290	-5.007	-5.511	0.20	-2.04		11.00 dBm/MHz	-13.04
5530	-6.171	-7.621	0.20	-3.63		11.00 dBm/MHz	-14.63
5610	-4.838	-6.206	0.20	-2.26		11.00 dBm/MHz	-13.26
5690 (U-NII 2C)	-4.354	-5.596	0.20	-1.72		11.00 dBm/MHz	-12.72
Frequency (MHz)	WLAN1 meas PSD (dBm/300kHz)	WLAN2 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)	-9.434	-11.114	0.20	2.22	-4.76	30.00 dBm/500kHz	-34.76
5775	-9.246	-9.814	0.20	2.22	-4.09	30.00 dBm/500kHz	-34.09

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POWER DENSITY 802.11ax HE20 MODE								
Frequency (MHz)	RU config.	WLAN1 meas PSD (dBm/MHz)	WLAN2 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	full	4.605	4.039	0.00	7.34		11.00 dBm/MHz	-3.66
	26/0	5.137	4.296	0.85	8.60		11.00 dBm/MHz	-2.40
	52/37	2.327	1.346	0.85	5.72		11.00 dBm/MHz	-5.28
	106/53	-0.192	-0.728	0.82	3.38		11.00 dBm/MHz	-7.62
5220	full	4.808	4.615	0.00	7.72		11.00 dBm/MHz	-3.28
5240	full	5.162	4.239	0.00	7.74		11.00 dBm/MHz	-3.26
5260	full	4.872	3.559	0.00	7.28		11.00 dBm/MHz	-3.72
5300	full	4.318	3.469	0.00	6.92		11.00 dBm/MHz	-4.08
5320	full	4.698	3.630	0.00	7.21		11.00 dBm/MHz	-3.79
	26/8	5.199	3.361	0.85	8.24		11.00 dBm/MHz	-2.76
	52/40	1.999	1.393	0.85	5.57		11.00 dBm/MHz	-5.43
	106/54	-1.198	-1.036	0.82	2.71		11.00 dBm/MHz	-8.29
5500	full	0.787	-0.541	0.00	3.18		11.00 dBm/MHz	-7.82
	26/0	3.074	1.930	0.85	6.40		11.00 dBm/MHz	-4.60
	52/37	-1.398	-0.109	0.85	3.15		11.00 dBm/MHz	-7.85
	106/53	-1.830	-2.548	0.82	1.66		11.00 dBm/MHz	-9.34
5580	full	5.967	3.761	0.00	8.01		11.00 dBm/MHz	-2.99
5700	full	4.309	2.509	0.00	6.51		11.00 dBm/MHz	-4.49
	26/8	5.699	5.088	0.85	9.26		11.00 dBm/MHz	-1.74
	52/40	2.876	2.390	0.85	6.50		11.00 dBm/MHz	-4.50
	106/54	0.109	-0.683	0.82	3.56		11.00 dBm/MHz	-7.44
5720 (U-NII 2C)	full	6.464	4.154	0.00	8.47		11.00 dBm/MHz	-2.53
Frequency (MHz)	RU config.	WLAN1 meas PSD (dBm/300kHz)	WLAN2 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	1.036	-1.470	0.00	2.22	5.19	30.00 dBm/500kHz	-24.81
5745	full	-0.307	-0.836	0.00	2.22	4.67	30.00 dBm/500kHz	-25.33
	26/0	1.509	-0.815	0.85	2.22	6.58	30.00 dBm/500kHz	-23.42
	52/37	-2.138	-2.125	0.85	2.22	3.95	30.00 dBm/500kHz	-26.05
	106/53	-5.037	-5.320	0.82	2.22	0.87	30.00 dBm/500kHz	-29.13
5785	full	1.031	-0.090	0.00	2.22	5.74	30.00 dBm/500kHz	-24.26
5825	full	0.606	-0.560	0.00	2.22	5.29	30.00 dBm/500kHz	-24.71
	26/8	0.156	0.320	0.85	2.22	6.32	30.00 dBm/500kHz	-23.68
	52/40	-2.794	-2.570	0.85	2.22	3.40	30.00 dBm/500kHz	-26.60
	106/54	-5.546	-5.406	0.82	2.22	0.57	30.00 dBm/500kHz	-29.43

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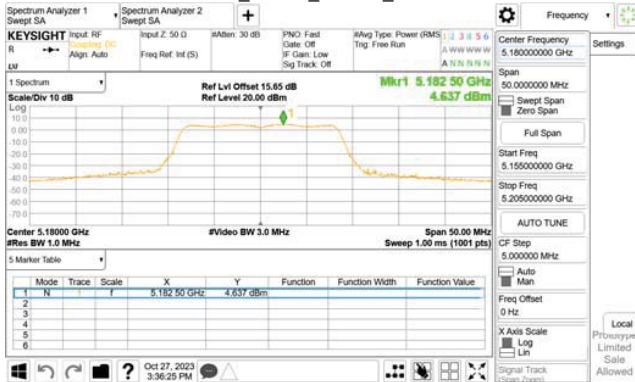
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POWER DENSITY 802.11ax HE40 MODE								
Frequency (MHz)	RU config.	WLAN1 meas PSD (dBm/MHz)	WLAN2 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	full	0.719	0.332	0.12	3.66		11.00 dBm/MHz	-7.34
	242/61	-2.906	-4.383	0.85	0.28		11.00 dBm/MHz	-10.72
5230	full	0.952	0.460	0.12	3.84		11.00 dBm/MHz	-7.16
5270	full	0.530	-0.666	0.12	3.10		11.00 dBm/MHz	-7.90
5310	full	0.228	-0.573	0.12	2.98		11.00 dBm/MHz	-8.02
	242/62	-4.314	-4.602	0.85	-0.60		11.00 dBm/MHz	-11.60
5510	full	-4.531	-5.549	0.12	-1.88		11.00 dBm/MHz	-12.88
	242/61	-4.864	-6.101	0.85	-1.58		11.00 dBm/MHz	-12.58
5550	full	0.928	-1.278	0.12	3.09		11.00 dBm/MHz	-7.91
5670	full	2.392	-0.297	0.12	4.38		11.00 dBm/MHz	-6.62
	242/62	-3.040	-5.142	0.85	-0.10		11.00 dBm/MHz	-11.10
5710 (U-NII 2C)	full	2.620	0.144	0.12	4.69		11.00 dBm/MHz	-6.31
Frequency (MHz)	RU config.	WLAN1 meas PSD (dBm/300kHz)	WLAN2 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	-3.461	-5.368	0.12	2.22	1.04	30.00 dBm/500kHz	-28.96
	full	-3.861	-4.774	0.12	2.22	1.06	30.00 dBm/500kHz	-28.94
5755	242/61	-7.808	-9.095	0.85	2.22	-2.32	30.00 dBm/500kHz	-32.32
	full	-3.755	-4.862	0.12	2.22	1.08	30.00 dBm/500kHz	-28.92
5795	242/62	-8.450	-8.557	0.85	2.22	-2.42	30.00 dBm/500kHz	-32.42
POWER DENSITY 802.11ax HE80 MODE								
Frequency (MHz)	RU config.	WLAN1 meas PSD (dBm/MHz)	WLAN2 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	full	-4.082	-4.560	0.20	-1.10		11.00 dBm/MHz	-12.10
	484/65	-6.390	-7.239	0.85	-2.93		11.00 dBm/MHz	-13.93
5290	full	-4.389	-5.468	0.20	-1.68		11.00 dBm/MHz	-12.68
	484/66	-6.789	-7.129	0.85	-3.10		11.00 dBm/MHz	-14.10
5530	full	-6.107	-6.787	0.20	-3.22		11.00 dBm/MHz	-14.22
	484/65	-7.310	-8.093	0.85	-3.82		11.00 dBm/MHz	-14.82
5610	full	-3.734	-6.034	0.20	-1.52		11.00 dBm/MHz	-12.52
	484/66	-6.090	-7.988	0.85	-3.08		11.00 dBm/MHz	-14.08
5690 (U-NII 2C)	full	-3.098	-4.966	0.20	-0.72		11.00 dBm/MHz	-11.72
Frequency (MHz)	RU config.	WLAN1 meas PSD (dBm/300kHz)	WLAN2 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	-8.848	-10.984	0.20	2.22	-4.36	30.00 dBm/500kHz	-34.36
5775	full	-8.366	-8.848	0.20	2.22	-3.17	30.00 dBm/500kHz	-33.17
	484/65	-11.004	-11.044	0.85	2.22	-4.94	30.00 dBm/500kHz	-34.94
	484/66	-11.262	-11.520	0.85	2.22	-5.31	30.00 dBm/500kHz	-35.31

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802.11a_20MHz_WLAN1_5180MHz



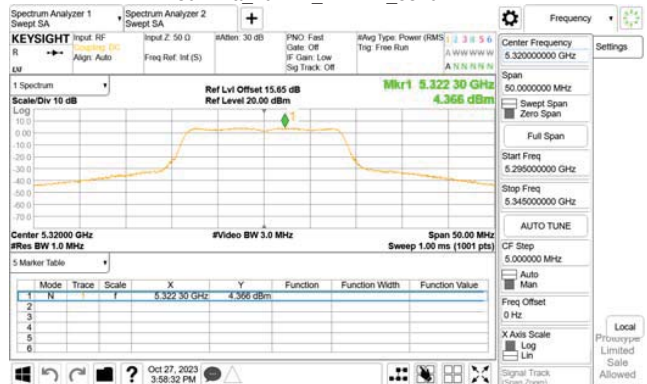
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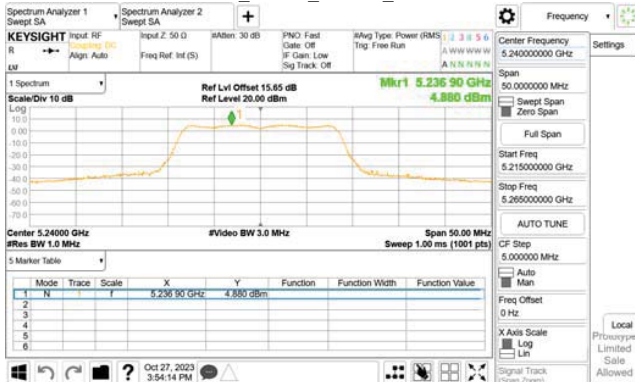
802.11a_20MHz_WLAN1_5220MHz



802.11a_20MHz_WLAN1_5320MHz



802.11a_20MHz_WLAN1_5240MHz



802.11a_20MHz_WLAN1_5500MHz



802.11a_20MHz_WLAN1_5260MHz



802.11a_20MHz_WLAN1_5580MHz



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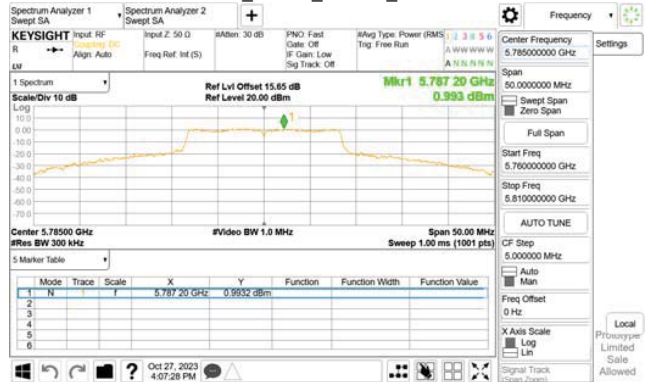
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802.11a_20MHz_WLAN1_5700MHz



802.11a_20MHz_WLAN1_5785MHz



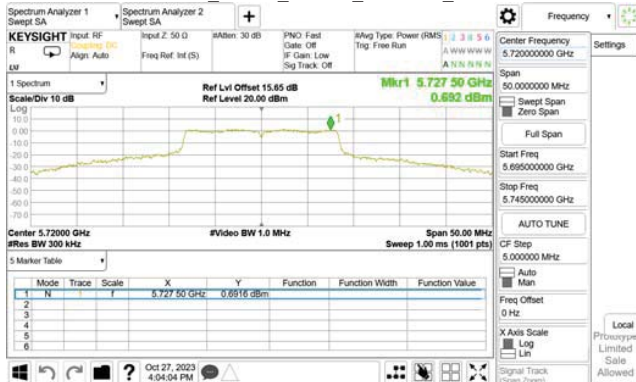
802.11a_20MHz_WLAN1_5720MHz_UNII 2C



802.11a_20MHz_WLAN1_5825MHz



802.11a_20MHz_WLAN1_5720MHz_UNII 3



802.11a_20MHz_WLAN2_5180MHz



802.11a_20MHz_WLAN1_5745MHz



802.11a_20MHz_WLAN2_5220MHz

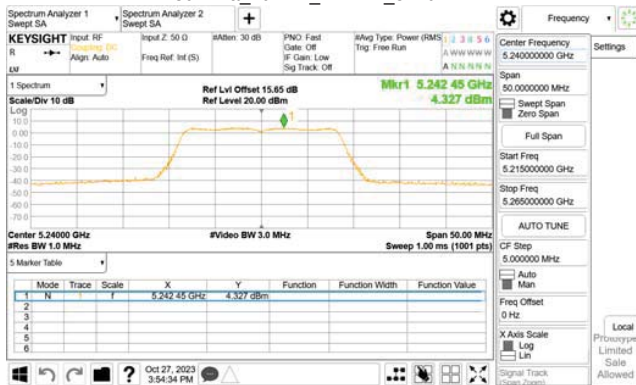


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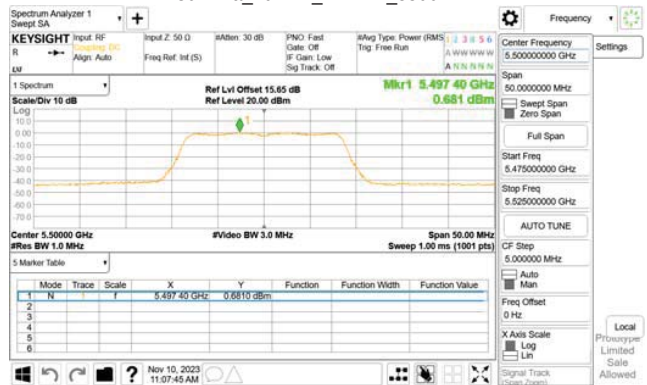
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802.11a_20MHz_WLAN2_5240MHz



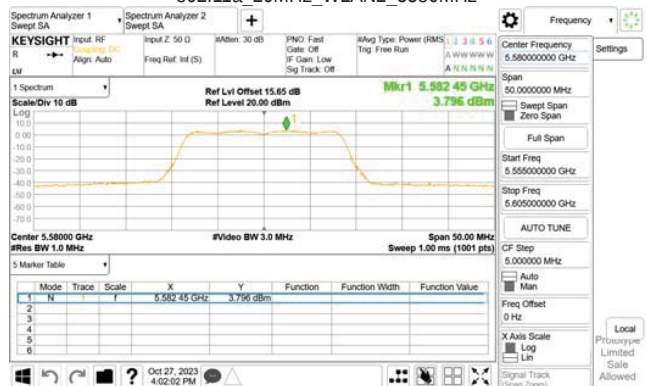
802.11a_20MHz_WLAN2_5500MHz



802.11a_20MHz_WLAN2_5260MHz



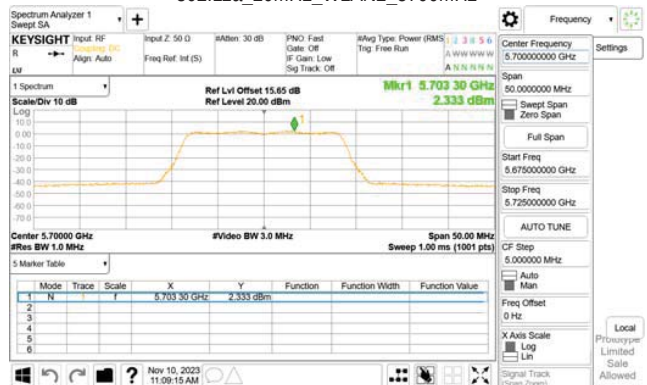
802.11a_20MHz_WLAN2_5580MHz



802.11a_20MHz_WLAN2_5300MHz



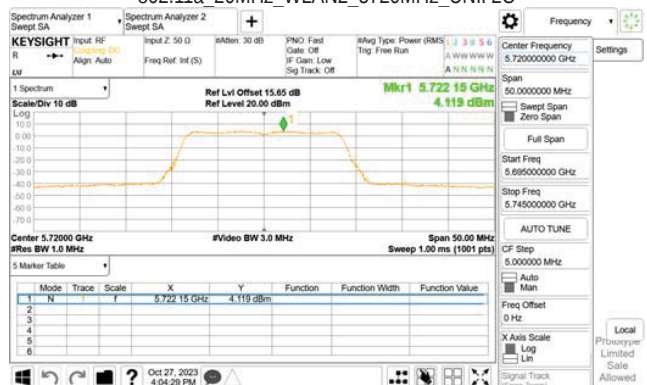
802.11a_20MHz_WLAN2_5700MHz



802.11a_20MHz_WLAN2_5320MHz



802.11a_20MHz_WLAN2_5720MHz_UNII 2C

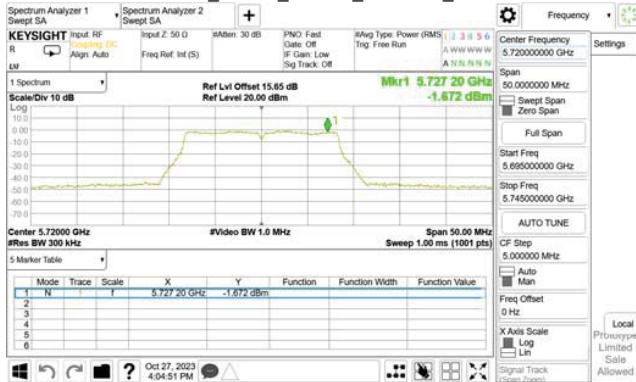


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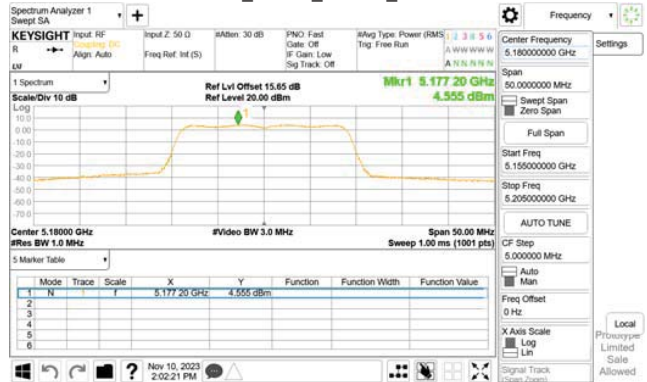
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802.11a_20MHz_WLAN2_5720MHz_UNII 3



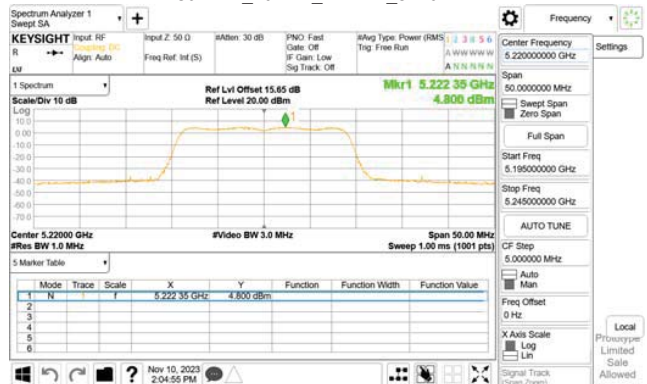
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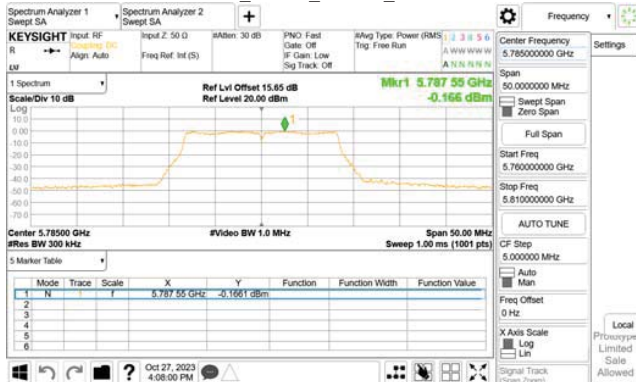
802.11a_20MHz_WLAN2_5745MHz



802.11n_20MHz_WLAN1_5220MHz



802.11a_20MHz_WLAN2_5785MHz



802.11n_20MHz_WLAN1_5240MHz



802.11a_20MHz_WLAN2_5825MHz



802.11n_20MHz_WLAN1_5260MHz



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