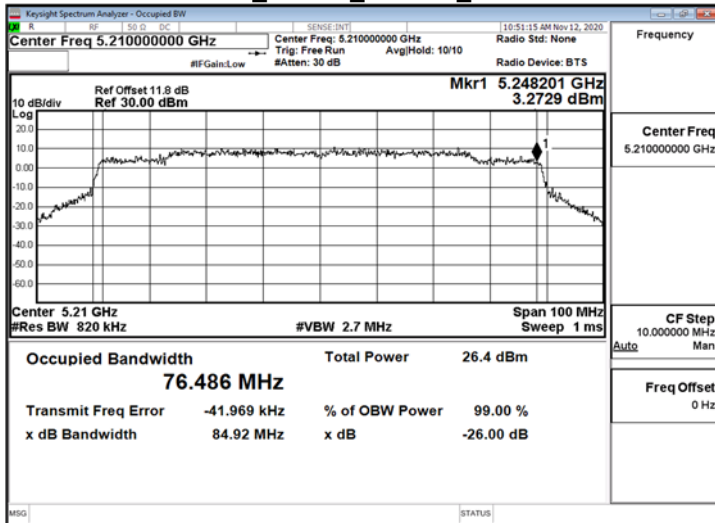
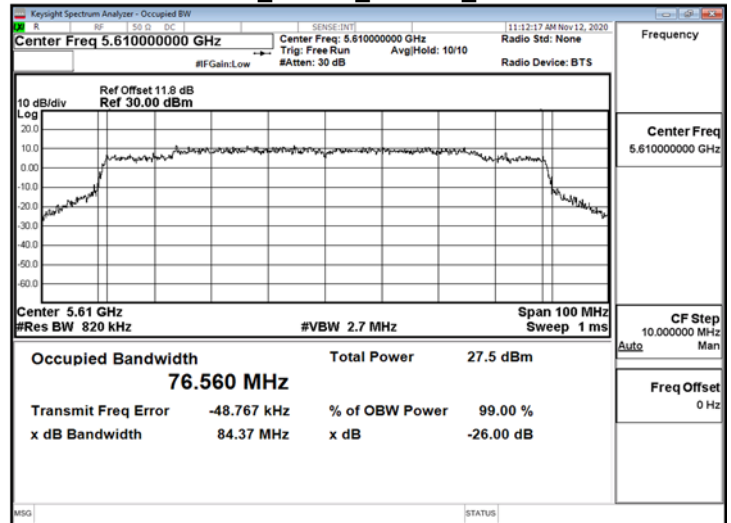


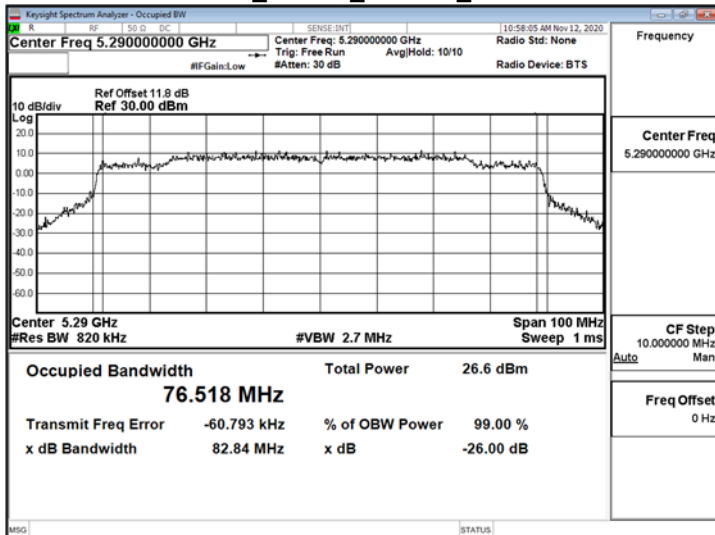
802.11ax_80MHz_ChainA_5210MHz



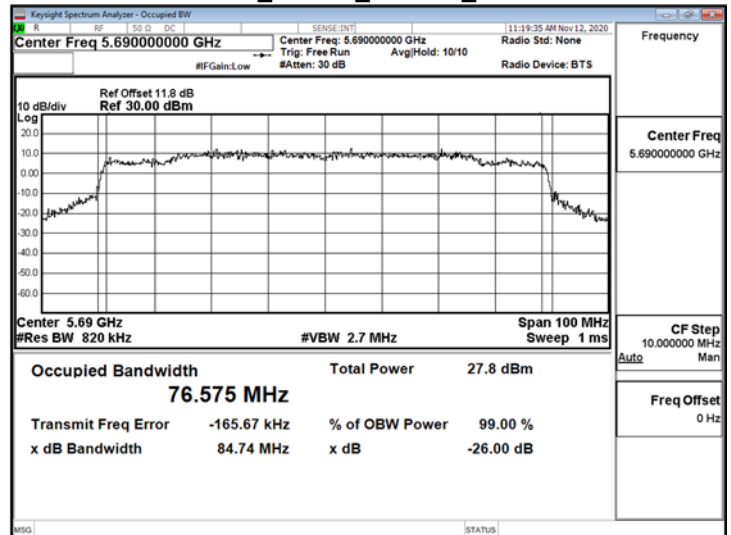
802.11ax_80MHz_ChainA_5610MHz



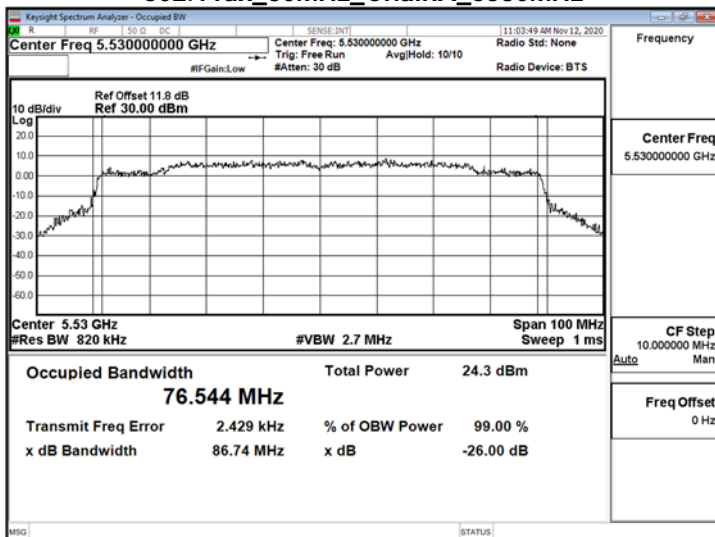
802.11ax_80MHz_ChainA_5290MHz



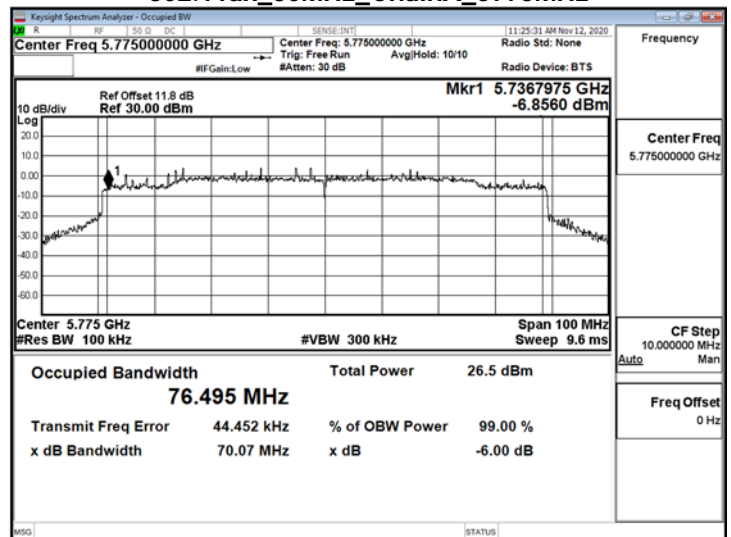
802.11ax_80MHz_ChainA_5690MHz



802.11ax_80MHz_ChainA_5530MHz



802.11ax_80MHz_ChainA_5775MHz

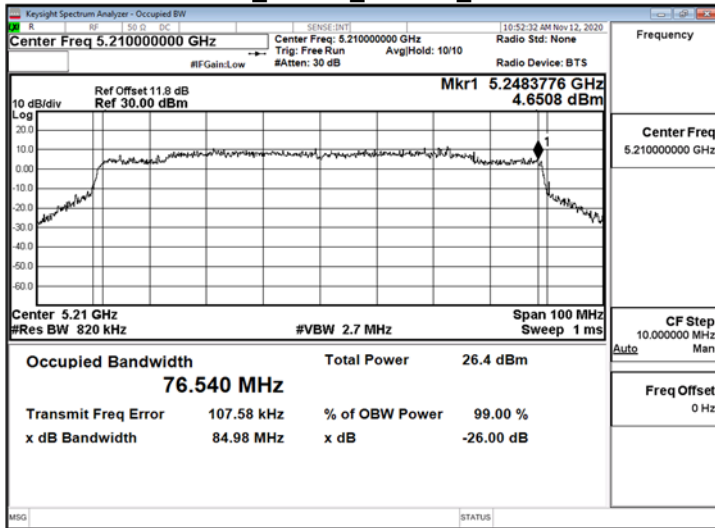


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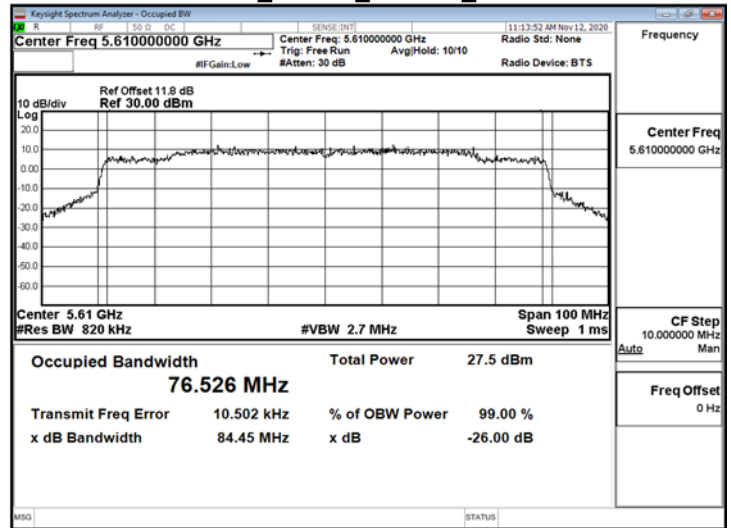
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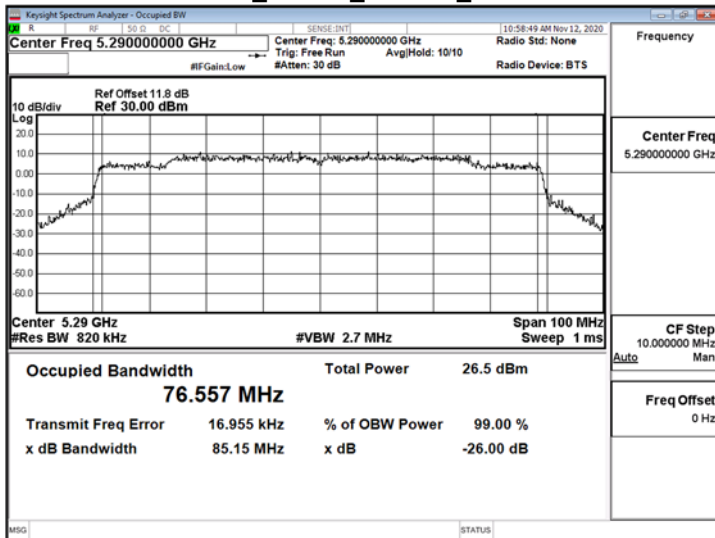
802.11ax_80MHz_ChainB_5210MHz



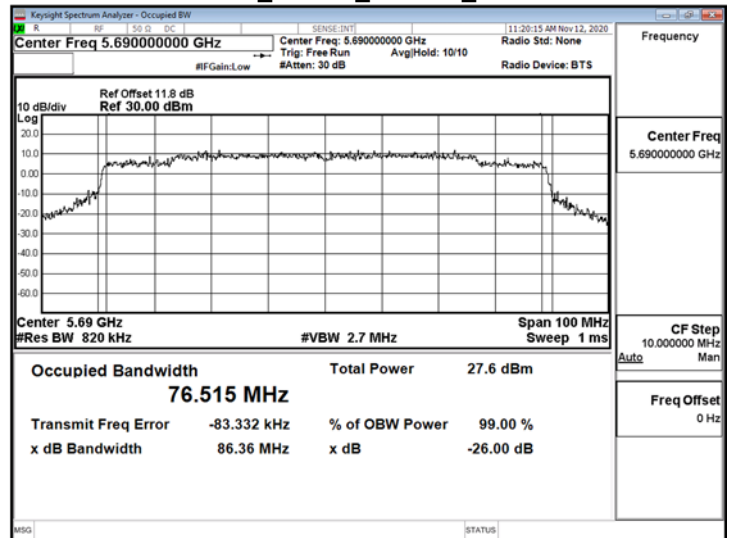
802.11ax_80MHz_ChainB_5610MHz



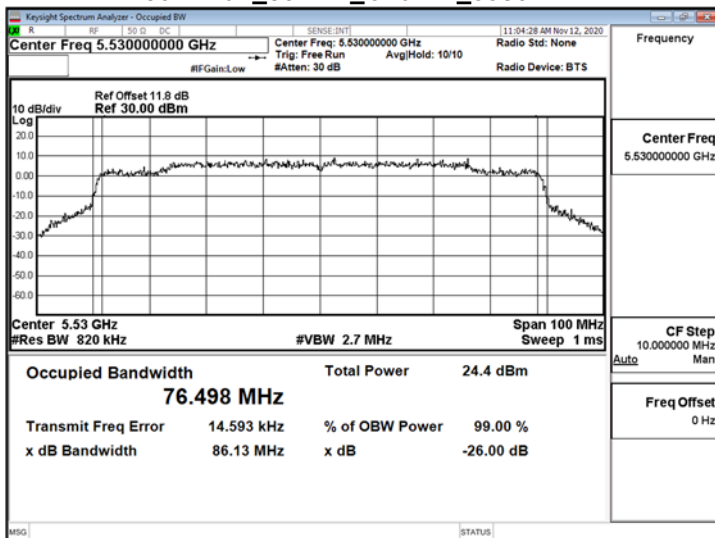
802.11ax_80MHz_ChainB_5290MHz



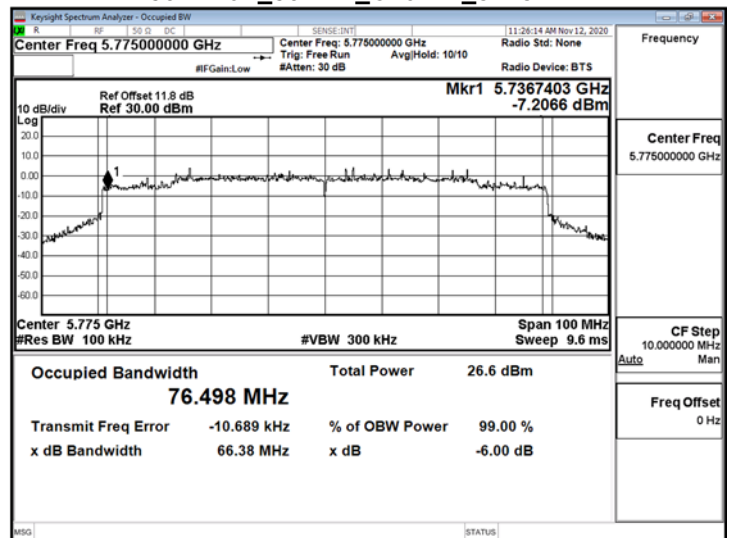
802.11ax_80MHz_ChainB_5690MHz



802.11ax_80MHz_ChainB_5530MHz



802.11ax_80MHz_ChainB_5775MHz

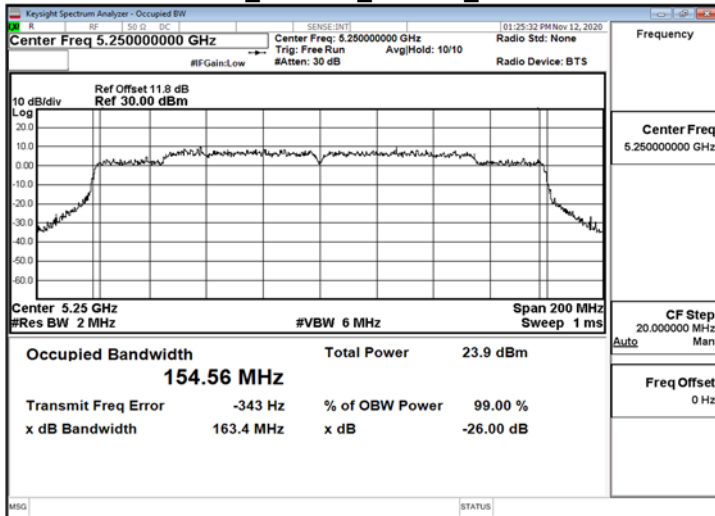


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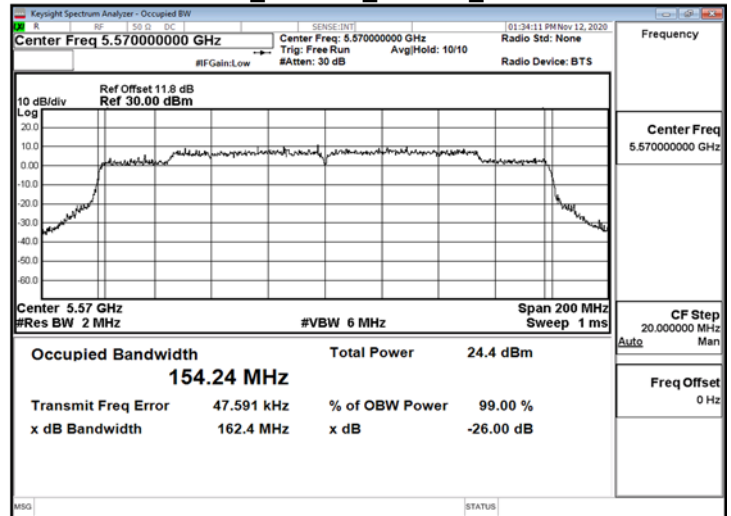
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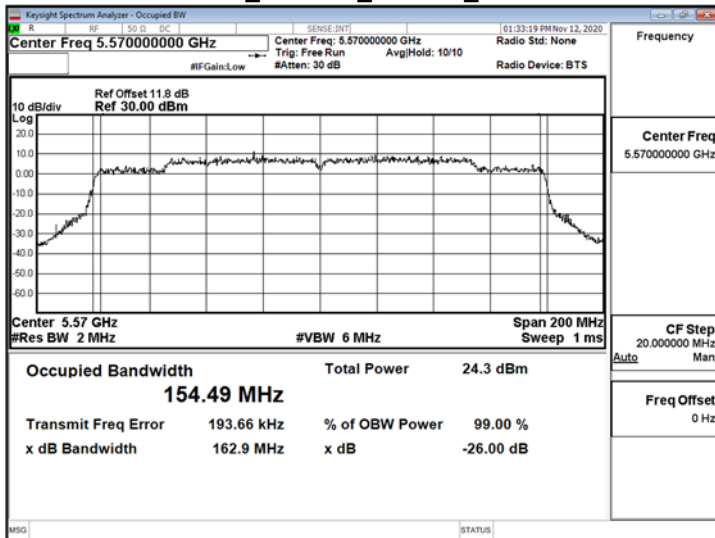
802.11ax_160MHz_ChainA_5250MHz



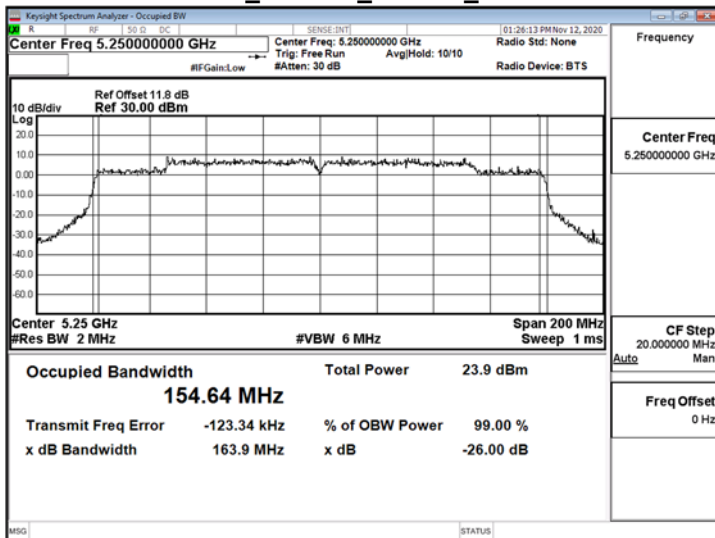
802.11ax_160MHz_ChainB_5570MHz



802.11ax_160MHz_ChainA_5570MHz



802.11ax_160MHz_ChainB_5250MHz



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9 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

9.1 Standard Applicable

FCC

OPERZTION Band	EUT CATEGORY		LIMIT
U-NII-1		Access Point (Master device)	1 Watt(30dBm)
		Fixed point-to-point Access Ponit	1 Watt(30dBm)
	√	Mobile and portable client device	250mW(23.98dBm)
U-NII-2A	√		250mW(23.98dBm) or 11dBm+10 log B
U-NII-2C	√		250mW(23.98dBm) or 11dBm+10 log B
U-NII-3	√		1 Watt(30dBm)
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 direction-al gain of the antenna exceeds 6 dBi.			

Note:

As per section F. 2). d). (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.

(ii) If all transmit signals are *completely uncorrelated*, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

where

NANT = the total number of antennas

G is the gain in dBi.

Remark:

The device supports with SDM for *MIMO (in all modeds) and uncorrelated gains* are used for **PSD EIRP MIMO UNII-1** of Canada authorization with **uncorrelated gains**.

The antenna gain is grater than 6 dBi, therefore the limit needs to be reduced as below:

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FCC Power Limit Reduction (Chain A)

	Effective Legacy Gain (dBi)	Conducted Power Limit (dBm)
UNII-1	6.10	23.88
UNII-2A	5.90	23.98
U-NII-2C	5.70	23.98
U-NII-3	5.90	30.00

FCC Power Limit Reduction (Chain B)

	Effective Legacy Gain (dBi)	Conducted Power Limit (dBm)
UNII-1	4.80	23.98
UNII-2A	4.50	23.98
U-NII-2C	3.10	23.98
U-NII-3	2.80	30.00

FCC Power Limit Reduction (MIMO)

	Effective Legacy Gain (dBi)	Conducted Power Limit (dBm)
UNII-1	5.50	23.98
UNII-2A	5.26	23.98
U-NII-2C	4.59	23.98
U-NII-3	4.62	30.00

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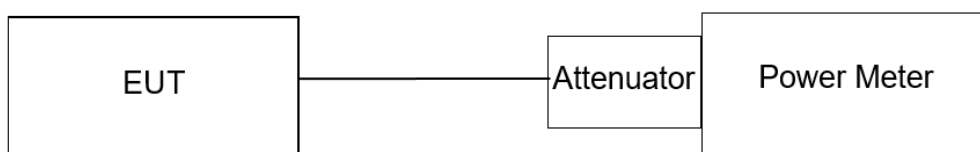
9.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to 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.

9.3 Measurement Equipment Used

SGS Conducted Room					
EQUIPMENT TYPE	MFR/BRAND	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Power Meter	Anritsu	ML2496A	1326001	08/05/2020	08/04/2021
Power Sensor	Anritsu	MA2411B	1315048	08/05/2020	08/04/2021
Power Sensor	Anritsu	MA2411B	1315049	08/05/2020	08/04/2021
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY57120290	02/20/2020	02/19/2021
Attenuator	Marvelous	MVE2213-10	RF09	11/20/2019	11/19/2020
Attenuator	Marvelous	MVE2213-10	RF09	11/19/2020	11/18/2021
Attenuator	Marvelous	MVE2213-10	RF10	11/20/2019	11/19/2020
Attenuator	Marvelous	MVE2213-10	RF10	11/19/2020	11/18/2021
Attenuator	Marvelous	MVE2213-10	RF11	11/20/2019	11/19/2020
Attenuator	Marvelous	MVE2213-10	RF11	11/19/2020	11/18/2021
DC Block	PASTERNAK	PE8210	RF151	11/20/2019	11/19/2020
DC Block	PASTERNAK	PE8210	RF151	11/19/2020	11/18/2021
IPEX-4 Cable	Woken	00100A1H646027	N/A	N/A	N/A

9.4 Test Set-up



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9.5 Measurement Result

9.5.1 Conducted output power (FCC)

Mode: Chain A

802.11a_Chain A

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	19.43	87.720	23.88	PASS
44	5220	6	19.20	83.195	23.88	PASS
48	5240	6	19.38	86.715	23.88	PASS
52	5260	6	19.31	85.329	23.98 or $11+10\log(B) = 24.36$	PASS
60	5300	6	19.39	86.915	23.98 or $11+10\log(B) = 24.45$	PASS
64	5320	6	19.43	87.720	23.98 or $11+10\log(B) = 24.43$	PASS
100	5500	6	18.71	74.318	23.98 or $11+10\log(B) = 24.53$	PASS
116	5580	6	19.25	84.158	23.98 or $11+10\log(B) = 24.37$	PASS
140	5700	6	18.62	72.794	23.98 or $11+10\log(B) = 24.38$	PASS
144	5720(U-NII 2C)	6	18.10	64.55	23.98 or $11+10\log(B) = 22.97$	PASS
144	5720 (U-NII 3)	6	13.73	23.58	30	PASS
149	5745	6	19.64	92.065	30	PASS
157	5785	6	19.78	95.082	30	PASS
165	5825	6	19.75	94.427	30	PASS

802.11n_HT20_Chain A

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	HT0	19.78	95.003	23.88	PASS
44	5220	HT0	19.11	81.421	23.88	PASS
48	5240	HT0	19.46	88.255	23.88	PASS
52	5260	HT0	19.34	85.850	23.98 or $11+10\log(B) = 24.64$	PASS
60	5300	HT0	19.31	85.259	23.98 or $11+10\log(B) = 24.54$	PASS
64	5320	HT0	19.44	87.849	23.98 or $11+10\log(B) = 24.52$	PASS
100	5500	HT0	17.47	55.813	23.98 or $11+10\log(B) = 24.53$	PASS
116	5580	HT0	19.18	82.744	23.98 or $11+10\log(B) = 24.66$	PASS
140	5700	HT0	18.88	77.222	23.98 or $11+10\log(B) = 24.53$	PASS
144	5720(U-NII 2C)	HT0	17.79	60.06	23.98 or $11+10\log(B) = 23.17$	PASS
144	5720 (U-NII 3)	HT0	13.74	23.64	30	PASS
149	5745	HT0	19.82	95.882	30	PASS
157	5785	HT0	19.90	97.665	30	PASS
165	5825	HT0	19.82	95.882	30	PASS

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802.11n_HT40_Chain A

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	HT0	18.25	66.794	23.88	PASS
46	5230	HT0	19.86	96.770	23.88	PASS
54	5270	HT0	19.83	96.104	23.98 or $11+10\log(B) = 27.90$	PASS
62	5310	HT0	17.74	59.394	23.98 or $11+10\log(B) = 27.23$	PASS
102	5510	HT0	17.45	55.557	23.98 or $11+10\log(B) = 27.25$	PASS
110	5550	HT0	19.73	93.916	23.98 or $11+10\log(B) = 27.98$	PASS
134	5670	HT0	18.44	69.782	23.98 or $11+10\log(B) = 27.21$	PASS
142	5710(U-NII 2C)	HT0	18.49	70.67	23.98 or $11+10\log(B) = 26.54$	PASS
142	5710 (U-NII 3)	HT0	10.61	11.51	30	PASS
151	5755	HT0	19.99	99.710	30	PASS
159	5795	HT0	19.96	99.024	30	PASS

802.11ac_VHT80_Chain A

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	VHT0	19.69	93.027	23.88	PASS
58	5290	VHT0	19.60	91.119	23.98 or $11+10\log(B) = 30.35$	PASS
106	5530	VHT0	16.67	46.410	23.98 or $11+10\log(B) = 30.20$	PASS
122	5610	VHT0	16.71	46.839	23.98 or $11+10\log(B) = 30.19$	PASS
138	5690(U-NII 2C)	VHT0	18.14	65.11	23.98 or $11+10\log(B) = 29.80$	PASS
138	5690 (U-NII 3)	VHT0	6.97	4.97	30	PASS
155	5775	VHT0	19.43	87.621	30	PASS

802.11ac_VHT160_Chain A

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	VHT0	15.90	38.906	23.98 or $11+10\log(B) = 33.13$	PASS
114	5570	VHT0	15.24	33.421	23.98 or $11+10\log(B) = 33.11$	PASS

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802.11ax_20_Chain A

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	18.62	72.793	23.88	PASS
		MCS0	26/0	15.15	32.741	23.88	PASS
		MCS0	52/37	17.50	56.245	23.88	PASS
		MCS0	106/53	19.64	92.063	23.88	PASS
44	5220	MCS0	full	18.69	73.975	23.88	PASS
48	5240	MCS0	full	18.74	74.832	23.88	PASS
52	5260	MCS0	full	18.94	78.359	23.98 or $11+10\log(B) = 24.49$	PASS
60	5300	MCS0	full	18.92	77.999	23.98 or $11+10\log(B) = 24.52$	PASS
64	5320	MCS0	full	18.89	77.462	23.98 or $11+10\log(B) = 24.61$	PASS
		MCS0	26/8	14.99	31.556	23.98 or $11+10\log(B) = 24.61$	PASS
		MCS0	52/40	17.10	51.296	23.98 or $11+10\log(B) = 24.61$	PASS
		MCS0	106/54	18.42	69.516	23.98 or $11+10\log(B) = 24.61$	PASS
100	5500	MCS0	full	18.24	66.694	23.98 or $11+10\log(B) = 24.60$	PASS
		MCS0	26/0	14.95	31.267	23.98 or $11+10\log(B) = 24.60$	PASS
		MCS0	52/37	12.99	19.911	23.98 or $11+10\log(B) = 24.60$	PASS
		MCS0	106/53	16.13	41.029	23.98 or $11+10\log(B) = 24.60$	PASS
116	5580	MCS0	full	18.22	66.388	23.98 or $11+10\log(B) = 24.43$	PASS
140	5700	MCS0	full	16.03	40.095	23.98 or $11+10\log(B) = 24.50$	PASS
		MCS0	26/8	14.97	31.411	23.98 or $11+10\log(B) = 24.50$	PASS
		MCS0	52/40	16.88	48.763	23.98 or $11+10\log(B) = 24.50$	PASS
		MCS0	106/54	18.22	66.388	23.98 or $11+10\log(B) = 24.50$	PASS
144	5720(U-NII 2C)	MCS0	full	14.60	28.867	23.98 or $11+10\log(B) = 23.03$	PASS
144	5720 (U-NII 3)	MCS0	full	10.32	10.769	30	PASS
149	5745	MCS0	full	19.89	97.519	30	PASS
		MCS0	26/0	19.79	95.299	30	PASS
		MCS0	52/37	19.93	98.421	30	PASS
		MCS0	106/53	19.88	97.294	30	PASS
157	5785	MCS0	full	19.90	97.743	30	PASS
165	5825	MCS0	full	19.88	97.294	30	PASS
		MCS0	26/8	19.90	97.743	30	PASS
		MCS0	52/40	19.86	96.847	30	PASS
		MCS0	106/54	19.82	95.959	30	PASS

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802.11ax_40_Chain A

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	19.66	92.507	23.88	PASS
		MCS0	242/61	19.16	82.447	23.88	PASS
46	5230	MCS0	full	19.87	97.091	23.88	PASS
54	5270	MCS0	full	19.83	96.200	23.98 or $11+10\log(B) = 27.50$	PASS
62	5310	MCS0	full	16.95	49.565	23.98 or $11+10\log(B) = 27.19$	PASS
		MCS0	242/62	18.93	78.195	23.98 or $11+10\log(B) = 27.19$	PASS
102	5510	MCS0	full	15.66	36.828	23.98 or $11+10\log(B) = 27.29$	PASS
		MCS0	242/61	16.96	49.679	23.98 or $11+10\log(B) = 27.29$	PASS
110	5550	MCS0	full	19.83	96.200	23.98 or $11+10\log(B) = 27.92$	PASS
134	5670	MCS0	full	17.94	62.255	23.98 or $11+10\log(B) = 27.22$	PASS
		MCS0	242/62	18.93	78.195	23.98 or $11+10\log(B) = 27.22$	PASS
142	5710(U-NII 2C)	MCS0	full	17.64	58.036	23.98 or $11+10\log(B) = 26.47$	PASS
142	5710 (U-NII 3)	MCS0	full	9.38	8.672	30	PASS
151	5755	MCS0	full	19.95	98.896	30	PASS
		MCS0	242/61	19.89	97.539	30	PASS
159	5795	MCS0	full	19.93	98.441	30	PASS
		MCS0	242/62	19.89	97.539	30	PASS

802.11ax_80_Chain A

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	19.47	88.604	23.88	PASS
		MCS0	484/65	19.80	95.599	23.88	PASS
58	5290	MCS0	full	17.17	52.174	23.98 or $11+10\log(B) = 30.12$	PASS
		MCS0	484/66	16.74	47.256	23.98 or $11+10\log(B) = 30.12$	PASS
106	5530	MCS0	full	15.99	39.761	23.98 or $11+10\log(B) = 30.14$	PASS
		MCS0	484/65	16.87	48.691	23.98 or $11+10\log(B) = 30.14$	PASS
122	5610	MCS0	full	18.41	69.415	23.98 or $11+10\log(B) = 30.10$	PASS
		MCS0	484/66	19.91	98.051	23.98 or $11+10\log(B) = 30.10$	PASS
138	5690(U-NII 2C)	MCS0	full	17.78	60.015	23.98 or $11+10\log(B) = 29.78$	PASS
138	5690 (U-NII 3)	MCS0	full	6.36	4.320	30	PASS
155	5775	MCS0	full	18.84	76.639	30	PASS
		MCS0	484/65	19.74	94.287	30	PASS
		MCS0	484/66	19.90	97.826	30	PASS

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802.11ax_160_Chain A

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	full	15.66	36.790	23.98 or $11+10\log(B) = 33.15$	PASS
		MCS0	996/67	16.97	49.743	23.98 or $11+10\log(B) = 33.15$	PASS
		MCS0	996/S67	14.22	26.408	23.98 or $11+10\log(B) = 33.15$	PASS
114	5570	MCS0	full	14.95	31.241	23.98 or $11+10\log(B) = 33.13$	PASS
		MCS0	996/67	14.22	26.408	23.98 or $11+10\log(B) = 33.13$	PASS
		MCS0	996/S67	16.20	41.661	23.98 or $11+10\log(B) = 33.13$	PASS

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Mode: Chain B

802.11a_Chain B

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	19.42	87.518	23.98	PASS
44	5220	6	19.25	84.158	23.98	PASS
48	5240	6	19.32	85.526	23.98	PASS
52	5260	6	19.73	93.993	23.98 or $11+10\log(B) = 24.47$	PASS
60	5300	6	19.91	97.971	23.98 or $11+10\log(B) = 24.65$	PASS
64	5320	6	16.45	44.167	23.98 or $11+10\log(B) = 24.54$	PASS
100	5500	6	16.43	43.964	23.98 or $11+10\log(B) = 24.76$	PASS
116	5580	6	19.48	88.735	23.98 or $11+10\log(B) = 24.70$	PASS
140	5700	6	19.47	88.531	23.98 or $11+10\log(B) = 24.55$	PASS
144	5720(U-NII 2C)	6	18.05	63.79	23.98 or $11+10\log(B) = 23.02$	PASS
144	5720 (U-NII 3)	6	13.75	23.73	30	PASS
149	5745	6	20.05	101.180	30	PASS
157	5785	6	19.91	97.971	30	PASS
165	5825	6	19.95	98.877	30	PASS

802.11n_HT20_Chain B

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	HT0	19.82	95.882	23.98	PASS
44	5220	HT0	19.89	97.440	23.98	PASS
48	5240	HT0	19.86	96.770	23.98	PASS
52	5260	HT0	19.76	94.567	23.98 or $11+10\log(B) = 24.68$	PASS
60	5300	HT0	19.89	97.440	23.98 or $11+10\log(B) = 24.72$	PASS
64	5320	HT0	19.82	95.882	23.98 or $11+10\log(B) = 24.58$	PASS
100	5500	HT0	16.95	49.515	23.98 or $11+10\log(B) = 24.64$	PASS
116	5580	HT0	19.89	97.440	23.98 or $11+10\log(B) = 24.83$	PASS
140	5700	HT0	18.74	74.772	23.98 or $11+10\log(B) = 24.67$	PASS
144	5720(U-NII 2C)	HT0	17.29	53.57	23.98 or $11+10\log(B) = 23.14$	PASS
144	5720 (U-NII 3)	HT0	13.19	20.86	30	PASS
149	5745	HT0	19.79	95.222	30	PASS
157	5785	HT0	19.92	98.116	30	PASS
165	5825	HT0	19.85	96.547	30	PASS

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802.11n_HT40_Chain B

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	HT0	18.15	65.274	23.98	PASS
46	5230	HT0	19.93	98.342	23.98	PASS
54	5270	HT0	19.90	97.665	23.98 or $11+10\log(B) = 27.35$	PASS
62	5310	HT0	19.45	88.052	23.98 or $11+10\log(B) = 27.28$	PASS
102	5510	HT0	16.19	41.566	23.98 or $11+10\log(B) = 27.29$	PASS
110	5550	HT0	19.43	87.648	23.98 or $11+10\log(B) = 27.24$	PASS
134	5670	HT0	19.45	88.052	23.98 or $11+10\log(B) = 27.36$	PASS
142	5710(U-NII 2C)	HT0	18.79	75.72	23.98 or $11+10\log(B) = 26.61$	PASS
142	5710 (U-NII 3)	HT0	11.25	13.35	30	PASS
151	5755	HT0	19.91	97.891	30	PASS
159	5795	HT0	19.83	96.104	30	PASS

802.11ac_VHT80_Chain B

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	VHT0	19.63	91.751	23.98	PASS
58	5290	VHT0	19.60	91.119	23.98 or $11+10\log(B) = 30.20$	PASS
106	5530	VHT0	16.23	41.938	23.98 or $11+10\log(B) = 30.24$	PASS
122	5610	VHT0	17.82	60.480	23.98 or $11+10\log(B) = 30.26$	PASS
138	5690(U-NII 2C)	VHT0	17.61	57.69	23.98 or $11+10\log(B) = 29.84$	PASS
138	5690 (U-NII 3)	VHT0	6.92	4.92	30	PASS
155	5775	VHT0	19.43	87.621	30	PASS

802.11ac_VHT160_Chain B

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	VHT0	15.74	37.499	23.98 or $11+10\log(B) = 33.10$	PASS
114	5570	VHT0	13.91	24.604	23.98 or $11+10\log(B) = 33.10$	PASS

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802.11ax_20_Chain B

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	20.13	103.059	23.98	PASS
		MCS0	26/0	15.06	32.069	23.98	PASS
		MCS0	52/37	17.43	55.346	23.98	PASS
		MCS0	106/53	18.14	65.176	23.98	PASS
44	5220	MCS0	full	19.72	93.775	23.98	PASS
48	5240	MCS0	full	19.68	92.915	23.98	PASS
52	5260	MCS0	full	19.91	97.969	23.98 or $11+10\log(B) = 24.52$	PASS
60	5300	MCS0	full	19.77	94.861	23.98 or $11+10\log(B) = 24.63$	PASS
64	5320	MCS0	full	19.82	95.959	23.98 or $11+10\log(B) = 24.44$	PASS
		MCS0	26/8	15.48	35.325	23.98 or $11+10\log(B) = 24.44$	PASS
		MCS0	52/40	17.69	58.761	23.98 or $11+10\log(B) = 24.44$	PASS
		MCS0	106/54	19.92	98.194	23.98 or $11+10\log(B) = 24.44$	PASS
100	5500	MCS0	full	15.70	37.161	23.98 or $11+10\log(B) = 24.41$	PASS
		MCS0	26/0	14.57	28.648	23.98 or $11+10\log(B) = 24.41$	PASS
		MCS0	52/37	16.97	49.784	23.98 or $11+10\log(B) = 24.41$	PASS
		MCS0	106/53	16.94	49.441	23.98 or $11+10\log(B) = 24.41$	PASS
116	5580	MCS0	full	19.42	87.516	23.98 or $11+10\log(B) = 24.57$	PASS
140	5700	MCS0	full	17.97	62.674	23.98 or $11+10\log(B) = 24.49$	PASS
		MCS0	26/8	14.89	30.838	23.98 or $11+10\log(B) = 24.49$	PASS
		MCS0	52/40	17.94	62.243	23.98 or $11+10\log(B) = 24.49$	PASS
		MCS0	106/54	19.92	98.194	23.98 or $11+10\log(B) = 24.49$	PASS
144	5720(U-NII 2C)	MCS0	full	17.43	55.308	23.98 or $11+10\log(B) = 23.04$	PASS
144	5720 (U-NII 3)	MCS0	full	13.17	20.740	30	PASS
149	5745	MCS0	full	19.89	97.519	30	PASS
		MCS0	26/0	19.82	95.959	30	PASS
		MCS0	52/37	19.90	97.743	30	PASS
		MCS0	106/53	19.72	93.775	30	PASS
157	5785	MCS0	full	19.78	95.080	30	PASS
165	5825	MCS0	full	19.79	95.299	30	PASS
		MCS0	26/8	19.77	94.861	30	PASS
		MCS0	52/40	19.88	97.294	30	PASS
		MCS0	106/54	19.90	97.743	30	PASS

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802.11ax_40_Chain B

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	19.90	97.764	23.98	PASS
		MCS0	242/61	19.88	97.314	23.98	PASS
46	5230	MCS0	full	19.81	95.758	23.98	PASS
54	5270	MCS0	full	19.72	93.794	23.98 or $11+10\log(B) = 27.27$	PASS
62	5310	MCS0	full	17.75	59.590	23.98 or $11+10\log(B) = 27.12$	PASS
		MCS0	242/62	19.45	88.141	23.98 or $11+10\log(B) = 27.12$	PASS
102	5510	MCS0	full	13.98	25.014	23.98 or $11+10\log(B) = 27.17$	PASS
		MCS0	242/61	15.98	39.644	23.98 or $11+10\log(B) = 27.17$	PASS
110	5550	MCS0	full	19.97	99.352	23.98 or $11+10\log(B) = 27.87$	PASS
134	5670	MCS0	full	19.44	87.938	23.98 or $11+10\log(B) = 27.17$	PASS
		MCS0	242/62	19.60	91.238	23.98 or $11+10\log(B) = 27.17$	PASS
142	5710(U-NII 2C)	MCS0	full	18.51	70.928	23.98 or $11+10\log(B) = 26.51$	PASS
142	5710 (U-NII 3)	MCS0	full	10.47	11.140	30	PASS
151	5755	MCS0	full	19.89	97.539	30	PASS
		MCS0	242/61	19.93	98.441	30	PASS
159	5795	MCS0	full	19.95	98.896	30	PASS
		MCS0	242/62	19.82	95.979	30	PASS

802.11ax_80_Chain B

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	19.67	92.780	23.98	PASS
		MCS0	484/65	17.47	55.905	23.98	PASS
58	5290	MCS0	full	18.92	78.064	23.98 or $11+10\log(B) = 30.15$	PASS
		MCS0	484/66	18.98	79.150	23.98 or $11+10\log(B) = 30.15$	PASS
106	5530	MCS0	full	14.72	29.679	23.98 or $11+10\log(B) = 30.12$	PASS
		MCS0	484/65	9.75	9.450	23.98 or $11+10\log(B) = 30.12$	PASS
122	5610	MCS0	full	17.70	58.946	23.98 or $11+10\log(B) = 30.15$	PASS
		MCS0	484/66	19.45	88.197	23.98 or $11+10\log(B) = 30.15$	PASS
138	5690(U-NII 2C)	MCS0	full	17.46	55.667	23.98 or $11+10\log(B) = 29.82$	PASS
138	5690 (U-NII 3)	MCS0	full	6.54	4.513	30	PASS
155	5775	MCS0	full	19.62	91.718	30	PASS
		MCS0	484/65	19.74	94.287	30	PASS
		MCS0	484/66	19.85	96.706	30	PASS

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802.11ax_160_Chain B

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	full	13.81	24.044	23.98 or $11+10\log(B) = 33.11$	PASS
		MCS0	996/67	15.81	38.107	23.98 or $11+10\log(B) = 33.11$	PASS
		MCS0	996/S67	17.11	51.404	23.98 or $11+10\log(B) = 33.11$	PASS
114	5570	MCS0	full	13.85	24.266	23.98 or $11+10\log(B) = 33.16$	PASS
		MCS0	996/67	12.45	17.579	23.98 or $11+10\log(B) = 33.16$	PASS
		MCS0	996/S67	16.81	47.973	23.98 or $11+10\log(B) = 33.16$	PASS

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Mode: MIMO

802.11n_HT20_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			Chain A	Chain B				
36	5180	HT8	15.38	15.75	18.59	72.221	23.98	PASS
44	5220	HT8	15.73	16.13	18.95	78.565	23.98	PASS
48	5240	HT8	15.8	15.66	18.75	74.959	23.98	PASS
52	5260	HT8	16.02	15.67	18.87	77.023	23.98 or 11+10log(B) = 24.42	PASS
60	5300	HT8	15.91	15.65	18.80	75.851	23.98 or 11+10log(B) = 24.65	PASS
64	5320	HT8	15.89	15.66	18.79	75.757	23.98 or 11+10log(B) = 24.49	PASS
100	5500	HT8	16.08	16.14	19.13	81.805	23.98 or 11+10log(B) = 24.62	PASS
116	5580	HT8	15.89	15.98	18.95	78.576	23.98 or 11+10log(B) = 24.63	PASS
140	5700	HT8	15.88	16.34	19.13	81.918	23.98 or 11+10log(B) = 24.53	PASS
144	5720(U-NII 2C)	HT8	14.46	14.87	17.69	58.779	23.98 or 11+10log(B) = 23.09	PASS
144	5720 (U-NII 3)	HT8	10.44	10.70	13.59	22.865	30	PASS
149	5745	HT8	18.99	18.92	21.97	157.501	30	PASS
157	5785	HT8	18.39	18.89	21.66	146.720	30	PASS
165	5825	HT8	18.52	18.71	21.63	145.671	30	PASS

802.11n_HT40_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			Chain A	Chain B				
38	5190	HT8	18.16	18.11	21.16	130.701	23.98	PASS
46	5230	HT8	18.02	18.86	21.49	140.863	23.98	PASS
54	5270	HT8	18.24	19.12	21.73	148.935	23.98 or 11+10log(B) = 27.17	PASS
62	5310	HT8	17.61	17.29	20.48	111.703	23.98 or 11+10log(B) = 27.20	PASS
102	5510	HT8	15.99	15.91	18.98	79.029	23.98 or 11+10log(B) = 27.21	PASS
110	5550	HT8	18.88	18.72	21.83	152.351	23.98 or 11+10log(B) = 27.13	PASS
134	5670	HT8	18.3	18.28	21.32	135.448	23.98 or 11+10log(B) = 27.19	PASS
142	5710(U-NII 2C)	HT8	17.58	17.74	20.69	117.190	23.98 or 11+10log(B) = 26.49	PASS
142	5720 (U-NII 3)	HT8	9.38	9.68	12.57	18.056	30	PASS
151	5755	HT8	19.02	18.87	21.97	157.520	30	PASS
159	5795	HT8	18.8	18.87	21.86	153.562	30	PASS

802.11ac_VHT80_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			Chain A	Chain B				
42	5210	VHT0	17.32	17.58	20.48	111.644	23.98	PASS
58	5290	VHT0	16.28	16.56	19.45	88.078	23.98 or 11+10log(B) = 30.19	PASS
106	5530	VHT0	14.22	14.37	17.32	53.976	23.98 or 11+10log(B) = 30.20	PASS
122	5610	VHT0	17.01	16.91	19.99	99.694	23.98 or 11+10log(B) = 30.20	PASS
138	5690(U-NII 2C)	VHT0	17.56	17.66	20.64	115.834	23.98 or 11+10log(B) = 29.81	PASS
138	5690 (U-NII 3)	VHT0	6.56	6.93	9.78	9.501	30	PASS
155	5775	VHT0	18.52	18.75	21.66	146.653	30	PASS

802.11ac_VHT160_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			Chain A	Chain B				
50	5250	VHT0	14.13	15.31	17.81	60.400	23.98 or 11+10log(B) = 33.11	PASS
114	5570	VHT0	13.54	13.21	16.43	43.940	23.98 or 11+10log(B) = 33.10	PASS

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802.11ax_20_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Chain A	Chain B				
36	5180	MCS0	full	15.91	15.16	18.57	71.984	23.98	PASS
		MCS0	26/0	9.51	9.21	12.38	17.313	23.98	PASS
		MCS0	52/37	11.7	11.65	14.70	29.487	23.98	PASS
		MCS0	106/53	14.44	14.31	17.40	54.912	23.98	PASS
44	5220	MCS0	full	15.52	15.68	18.62	72.810	23.98	PASS
48	5240	MCS0	full	15.6	15.65	18.65	73.219	23.98	PASS
52	5260	MCS0	full	16.04	15.63	18.86	76.931	23.98 or 11+10log(B) = 24.80	PASS
60	5300	MCS0	full	16.11	15.85	19.00	79.490	23.98 or 11+10log(B) = 24.82	PASS
64	5320	MCS0	full	16.02	15.88	18.97	78.918	23.98 or 11+10log(B) = 24.76	PASS
		MCS0	26/8	9.41	9.32	12.39	17.324	23.98 or 11+10log(B) = 24.76	PASS
		MCS0	52/40	11.62	11.72	14.69	29.454	23.98 or 11+10log(B) = 24.76	PASS
		MCS0	106/54	14.22	14.31	17.29	53.535	23.98 or 11+10log(B) = 24.76	PASS
100	5500	MCS0	full	15.88	15.73	18.83	76.328	23.98 or 11+10log(B) = 24.79	PASS
		MCS0	26/0	9.21	9.38	12.32	17.049	23.98 or 11+10log(B) = 24.79	PASS
		MCS0	52/37	11.51	11.71	14.63	29.056	23.98 or 11+10log(B) = 24.79	PASS
		MCS0	106/53	14.43	14.41	17.44	55.478	23.98 or 11+10log(B) = 24.79	PASS
116	5580	MCS0	full	16.14	16.11	19.15	82.152	23.98 or 11+10log(B) = 24.84	PASS
140	5700	MCS0	full	15.71	16.25	19.01	79.608	23.98 or 11+10log(B) = 24.79	PASS
		MCS0	26/8	9.32	9.34	12.35	17.184	23.98 or 11+10log(B) = 24.79	PASS
		MCS0	52/40	11.38	11.34	14.38	27.423	23.98 or 11+10log(B) = 24.79	PASS
		MCS0	106/54	14.26	14.18	17.24	52.983	23.98 or 11+10log(B) = 24.79	PASS
144	5720(U-NII 2C)	MCS0	full	14.49	14.65	17.59	57.446	23.98 or 11+10log(B) = 23.41	PASS
144	5720 (U-NII 3)	MCS0	full	10.84	10.94	13.91	24.606	30	PASS
149	5745	MCS0	full	18.67	18.63	21.67	146.934	30	PASS
		MCS0	26/0	18.52	18.48	21.52	141.946	30	PASS
		MCS0	52/37	18.51	18.43	21.49	140.973	30	PASS
		MCS0	106/53	18.71	18.77	21.76	150.013	30	PASS
157	5785	MCS0	full	18.52	18.94	21.76	149.839	30	PASS
165	5825	MCS0	full	18.44	18.65	21.57	143.464	30	PASS
		MCS0	26/8	19.59	19.54	22.59	181.395	30	PASS
		MCS0	52/40	18.81	18.23	21.55	142.917	30	PASS
		MCS0	106/54	18.79	18.21	21.53	142.261	30	PASS

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802.11ax_40_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Chain A	Chain B				
38	5190	MCS0	full	18	18.12	21.09	128.602	23.98	PASS
		MCS0	242/61	15.9	16.42	19.20	83.173	23.98	PASS
46	5230	MCS0	full	18.54	18.76	21.68	147.349	23.98	PASS
54	5270	MCS0	full	18.97	18.32	21.69	147.544	23.98 or 11+10log(B) = 27.16	PASS
62	5310	MCS0	full	16.08	15.97	19.06	80.490	23.98 or 11+10log(B) = 27.45	PASS
		MCS0	242/62	16.32	16.33	19.36	86.240	23.98 or 11+10log(B) = 27.45	PASS
102	5510	MCS0	full	14.01	14.12	17.10	51.256	23.98 or 11+10log(B) = 27.21	PASS
		MCS0	242/61	15.5	15.83	18.70	74.134	23.98 or 11+10log(B) = 27.21	PASS
110	5550	MCS0	full	19.04	18.86	21.98	157.870	23.98 or 11+10log(B) = 27.06	PASS
134	5670	MCS0	full	17.87	18.23	21.09	128.404	23.98 or 11+10log(B) = 27.20	PASS
		MCS0	242/62	16.11	16.45	19.32	85.416	23.98 or 11+10log(B) = 27.20	PASS
142	5710(U-NII 2C)	MCS0	full	17.81	18.06	20.96	124.859	23.98 or 11+10log(B) = 26.67	PASS
142	5710 (U-NII 3)	MCS0	full	10.52	10.83	13.70	23.469	30	PASS
151	5755	MCS0	full	18.91	18.68	21.83	152.356	30	PASS
		MCS0	242/61	16.31	16.27	19.32	85.548	30	PASS
159	5795	MCS0	full	18.85	18.74	21.83	152.315	30	PASS
		MCS0	242/62	16.2	16.49	19.38	86.686	30	PASS

802.11ax_80_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Chain A	Chain B				
42	5210	MCS0	full	17.55	17.82	20.74	118.629	23.98	PASS
		MCS0	484/65	17.05	16.98	20.07	101.624	23.98	PASS
58	5290	MCS0	full	16.76	16.98	19.93	98.315	23.98 or 11+10log(B) = 30.18	PASS
		MCS0	484/66	15.88	16.01	19.00	79.439	23.98 or 11+10log(B) = 30.18	PASS
106	5530	MCS0	full	13.11	13.21	16.22	41.832	23.98 or 11+10log(B) = 30.35	PASS
		MCS0	484/65	9.56	10.26	12.98	19.856	23.98 or 11+10log(B) = 30.35	PASS
122	5610	MCS0	full	18.95	18.83	21.95	156.503	23.98 or 11+10log(B) = 30.26	PASS
		MCS0	484/66	18.94	18.88	21.96	157.215	23.98 or 11+11log(B) = 30.26	PASS
138	5690(U-NII 2C)	MCS0	full	18.28	18.08	21.23	132.827	23.98 or 11+10log(B) = 29.89	PASS
138	5690 (U-NII 3)	MCS0	full	8.07	8.27	11.23	13.260	30	PASS
155	5775	MCS0	full	18.43	18.41	21.47	140.438	30	PASS
		MCS0	484/65	18.33	18.31	21.37	137.241	30	PASS
		MCS0	484/66	18.75	18.58	21.72	148.616	30	PASS

802.11ax_160_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Chain A	Chain B				
50	5250	MCS0	full	13.88	13.65	16.86	48.575	23.98 or 11+10log(B) = 33.13	PASS
		MCS0	996/67	16.77	16.98	19.97	99.400	23.98 or 11+10log(B) = 33.13	PASS
		MCS0	996/S67	12.92	13.33	16.23	41.951	23.98 or 11+10log(B) = 33.13	PASS
114	5570	MCS0	full	12.43	12.78	15.71	37.206	23.98 or 11+10log(B) = 33.11	PASS
		MCS0	996/67	11.57	11.63	14.70	29.496	23.98 or 11+10log(B) = 33.11	PASS
		MCS0	996/S67	16.21	16.5	19.46	88.207	23.98 or 11+10log(B) = 33.11	PASS

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10 MAXIMUM POWER SPECTRAL DENSITY

10.1 Standard Applicable

FCC

OPERZTION Band	EUT CATEGORY		LIMIT
U-NII-1		Access Point (Master device)	17dBm/ MHz
		Fixed point-to-point Access Ponit	
	√	Mobile and portable client device	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30dBm/ 500kHz
If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.			

Note:

As per section F. 2). d). (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.

(ii) If all transmit signals are *completely uncorrelated*, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

where

N_{ANT} = the total number of antennas

G is the gain in dBi.

Remark:

The device supports with SDM for *MIMO (in all modeds) and uncorrelated gains* are used for **PSD EIRP MIMO UNII-1** of Canada authorization with **uncorrelated gains**.

The antenna gain is grater than 6 dBi in MIMO mode, therefore the limit needs to be reduced as below:

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FCC PSD Limit Attenuation (Chain A)

	Effective Legacy Gain (dBi)	PSD Limit	
UNII-1	6.10	10.90	dBm/MHz
UNII-2A	5.90	11.00	dBm/MHz
U-NII-2C	5.70	11.00	dBm/MHz
U-NII-3	5.90	30.00	dBm/500 kHz

FCC PSD Limit Attenuation (Chain B)

	Effective Legacy Gain (dBi)	PSD Limit	
UNII-1	4.80	11.00	dBm/MHz
UNII-2A	4.50	11.00	dBm/MHz
U-NII-2C	3.10	11.00	dBm/MHz
U-NII-3	2.80	30.00	dBm/500 kHz

FCC PSD Limit Attenuation (MIMO)

	Effective Legacy Gain (dBi)	PSD Limit	
UNII-1	5.50	11.00	dBm/MHz
UNII-2A	5.26	11.00	dBm/MHz
U-NII-2C	4.59	11.00	dBm/MHz
U-NII-3	4.62	30.00	dBm/500 kHz

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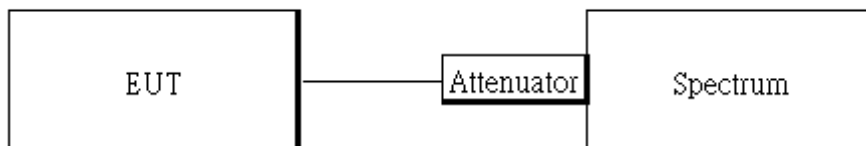
10.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules.
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. **For U-NII1, U-NII-2A, U-NII-2C Band:**
Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), Average = sample, 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=500 kHz, VBW≥ 3RBW, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), Average = sample, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
Note: RBW=510kHz Offset factor $10\log(500/510) = -0.08$ with reference offset.
5. Use the cursor on spectrum to peak search the highest level of trace
6. Record the max. reading and add $10 \log(1/\text{duty cycle})$.
7. Repeat above procedures until all default test channel (low, middle, and high) was complete.

10.3 Measurement Equipment Used

SGS Conducted Room					
EQUIPMENT TYPE	MFR/BRAND	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY57120290	02/20/2020	02/19/2021
Attenuator	Marvelous	MVE2213-10	RF09	11/20/2019	11/19/2020
Attenuator	Marvelous	MVE2213-10	RF09	11/19/2020	11/18/2021
DC Block	PASTER-NACK	PE8210	RF151	11/20/2019	11/19/2020
DC Block	PASTER-NACK	PE8210	RF151	11/19/2020	11/18/2021
IPEX-4 Cable	Woken	00100A1H646027	N/A	N/A	N/A

10.4 Test Set-up



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10.5 Measurement Result

10.5.1 Power spectral density

Mode: Chain A

POWER DENSITY 802.11a MODE						
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180.00	9.02	0.10	9.12		10.90 dBm/MHz	-1.78
5220.00	8.45	0.10	8.55		10.90 dBm/MHz	-2.35
5240.00	6.63	0.10	6.73		10.90 dBm/MHz	-4.17
5260.00	7.20	0.10	7.30		11.00 dBm/MHz	-3.70
5300.00	6.67	0.10	6.77		11.00 dBm/MHz	-4.23
5320.00	6.53	0.10	6.63		11.00 dBm/MHz	-4.37
5500.00	6.93	0.10	7.03		11.00 dBm/MHz	-3.97
5580.00	6.81	0.10	6.91		11.00 dBm/MHz	-4.09
5700.00	8.03	0.10	8.13		11.00 dBm/MHz	-2.87
5720 (U-NII 2C)	8.65	0.10	8.75		11.00 dBm/MHz	-2.25
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	2.30	0.10	2.22	4.62	30.00 dBm/500kHz	-25.38
5745.00	6.56	0.10	2.22	8.88	30.00 dBm/500kHz	-21.12
5785.00	6.80	0.10	2.22	9.12	30.00 dBm/500kHz	-20.88
5825.00	6.44	0.10	2.22	8.76	30.00 dBm/500kHz	-21.24

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POWER DENSITY 802.11n HT20 MODE						
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180.00	8.61	0.00	8.61		10.90 dBm/MHz	-2.29
5220.00	7.97	0.00	7.97		10.90 dBm/MHz	-2.93
5240.00	7.73	0.00	7.73		10.90 dBm/MHz	-3.17
5260.00	7.33	0.00	7.33		11.00 dBm/MHz	-3.67
5300.00	8.16	0.00	8.16		11.00 dBm/MHz	-2.84
5320.00	7.30	0.00	7.30		11.00 dBm/MHz	-3.70
5500.00	8.10	0.00	8.10		11.00 dBm/MHz	-2.90
5580.00	7.67	0.00	7.67		11.00 dBm/MHz	-3.33
5700.00	7.96	0.00	7.96		11.00 dBm/MHz	-3.04
5720 (U-NII 2C)	7.82	0.00	7.82		11.00 dBm/MHz	-3.18
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	3.91	0.00	2.22	6.13	30.00 dBm/500kHz	-23.87
5745.00	8.37	0.00	2.22	10.59	30.00 dBm/500kHz	-19.41
5785.00	8.07	0.00	2.22	10.29	30.00 dBm/500kHz	-19.71
5825.00	8.71	0.00	2.22	10.93	30.00 dBm/500kHz	-19.07

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POWER DENSITY 802.11n HT40 MODE						
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190.00	4.66	0.00	4.66		10.90 dBm/MHz	-6.24
5230.00	6.26	0.00	6.26		10.90 dBm/MHz	-4.64
5270.00	6.90	0.00	6.90		11.00 dBm/MHz	-4.10
5310.00	2.19	0.00	2.19		11.00 dBm/MHz	-8.81
5510.00	4.89	0.00	4.89		11.00 dBm/MHz	-6.11
5550.00	8.15	0.00	8.15		11.00 dBm/MHz	-2.85
5670.00	3.96	0.00	3.96		11.00 dBm/MHz	-7.04
5710 (U-NII 2C)	5.34	0.00	5.34		11.00 dBm/MHz	-5.66
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-1.42	0.00	2.22	0.80	30.00 dBm/500kHz	-29.20
5755.00	3.79	0.00	2.22	6.01	30.00 dBm/500kHz	-23.99
5795.00	4.97	0.00	2.22	7.19	30.00 dBm/500kHz	-22.81

POWER DENSITY 802.11ac VHT80 MODE						
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210.00	1.52	0.00	1.52		10.90 dBm/MHz	-9.38
5290.00	0.08	0.00	0.08		11.00 dBm/MHz	-10.92
5530.00	-0.34	0.00	-0.34		11.00 dBm/MHz	-11.34
5610.00	-0.29	0.00	-0.29		11.00 dBm/MHz	-11.29
5690 (U-NII 2C)	1.26	0.00	1.26		11.00 dBm/MHz	-9.74
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	-5.08	0.00	2.22	-2.86	30.00 dBm/500kHz	-32.86
5775.00	-1.09	0.00	2.22	1.13	30.00 dBm/500kHz	-28.87

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POWER DENSITY 802.11ac VHT160 MODE					
Frequency (MHz)	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD (dBm/MHz)	Limit	Margin (dB)
5250.00	-1.23	0.00	-1.23	11.00 dBm/MHz	-12.23
5570.00	-2.22	0.00	-2.22	11.00 dBm/MHz	-13.22

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POWER DENSITY 802.11ax 20 MODE							
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	full	5.90	0.00	5.90		10.90 dBm/MHz	-5.00
	26/0	10.01	0.00	10.01		10.90 dBm/MHz	-0.89
	52/37	10.39	0.00	10.39		10.90 dBm/MHz	-0.51
	106/53	9.95	0.00	9.95		10.90 dBm/MHz	-0.95
5220	full	7.07	0.00	7.07		10.90 dBm/MHz	-3.83
5240	full	7.70	0.00	7.70		10.90 dBm/MHz	-3.20
5260	full	6.35	0.00	6.35		11.00 dBm/MHz	-4.65
5300	full	7.23	0.00	7.23		11.00 dBm/MHz	-3.77
5320	full	7.11	0.00	7.11		11.00 dBm/MHz	-3.89
	26/8	10.23	0.00	10.23		11.00 dBm/MHz	-0.77
	52/40	10.22	0.00	10.22		11.00 dBm/MHz	-0.78
	106/54	10.21	0.00	10.21		11.00 dBm/MHz	-0.79
5500	full	7.10	0.00	7.10		11.00 dBm/MHz	-3.90
	26/0	10.14	0.00	10.14		11.00 dBm/MHz	-0.86
	52/37	6.14	0.00	6.14		11.00 dBm/MHz	-4.86
	106/53	6.90	0.00	6.90		11.00 dBm/MHz	-4.10
5580	full	7.04	0.00	7.04		11.00 dBm/MHz	-3.96
5700	full	6.33	0.00	6.33		11.00 dBm/MHz	-4.67
	26/8	10.50	0.00	10.50		11.00 dBm/MHz	-0.50
	52/40	10.34	0.00	10.34		11.00 dBm/MHz	-0.66
	106/54	10.19	0.00	10.19		11.00 dBm/MHz	-0.81
5720 (U-NII 2C)	full	5.09	0.00	5.09		11.00 dBm/MHz	-5.91
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Maxmum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	full	0.52	0.00	2.22	2.74	30.00 dBm/500kHz	-27.26
5745	full	7.85	0.00	2.22	10.07	30.00 dBm/500kHz	-19.93
	26/0	14.55	0.00	2.22	16.77	30.00 dBm/500kHz	-13.23
	52/37	10.87	0.00	2.22	13.09	30.00 dBm/500kHz	-16.91
	106/53	9.58	0.00	2.22	11.80	30.00 dBm/500kHz	-18.20
5785	full	8.61	0.00	2.22	10.83	30.00 dBm/500kHz	-19.17
5825	full	6.63	0.00	2.22	8.85	30.00 dBm/500kHz	-21.15
	26/8	13.58	0.00	2.22	15.80	30.00 dBm/500kHz	-14.20
	52/40	10.46	0.00	2.22	12.68	30.00 dBm/500kHz	-17.32
	106/54	8.27	0.00	2.22	10.49	30.00 dBm/500kHz	-19.51

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POWER DENSITY 802.11ax 40 MODE							
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	full	3.81	0.00	3.81		10.90 dBm/MHz	-7.09
	242/61	9.68	0.00	9.68		10.90 dBm/MHz	-1.22
5230	full	4.72	0.00	4.72		10.90 dBm/MHz	-6.18
5270	full	5.29	0.00	5.29		11.00 dBm/MHz	-5.71
5310	full	1.06	0.00	1.06		11.00 dBm/MHz	-9.94
	242/62	7.11	0.00	7.11		11.00 dBm/MHz	-3.89
5510	full	1.38	0.00	1.38		11.00 dBm/MHz	-9.62
	242/61	7.55	0.00	7.55		11.00 dBm/MHz	-3.45
5550	full	5.71	0.00	5.71		11.00 dBm/MHz	-5.29
5670	full	1.45	0.00	1.45		11.00 dBm/MHz	-9.55
	242/62	7.71	0.00	7.71		11.00 dBm/MHz	-3.29
5710 (U-NII 2C)	full	3.09	0.00	3.09		11.00 dBm/MHz	-7.91
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	full	-3.08	0.00	2.22	-0.86	30.00 dBm/500kHz	-30.86
5755	full	1.34	0.00	2.22	3.56	30.00 dBm/500kHz	-26.44
	242/61	6.04	0.00	2.22	8.26	30.00 dBm/500kHz	-21.74
5795	full	2.74	0.00	2.22	4.96	30.00 dBm/500kHz	-25.04
	242/62	6.94	0.00	2.22	9.16	30.00 dBm/500kHz	-20.84

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POWER DENSITY 802.11ax 80 MODE							
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	full	0.42	0.00	0.42		10.90 dBm/MHz	-10.48
	484/65	4.23	0.00	4.23		10.90 dBm/MHz	-6.67
5290	full	-1.44	0.00	-1.44		11.00 dBm/MHz	-12.44
	484/66	5.99	0.00	5.99		11.00 dBm/MHz	-5.01
5530	full	-0.47	0.00	-0.47		11.00 dBm/MHz	-11.47
	484/65	2.92	0.00	2.92		11.00 dBm/MHz	-8.08
5610	full	0.23	0.00	0.23		11.00 dBm/MHz	-10.77
	484/66	6.48	0.00	6.48		11.00 dBm/MHz	-4.52
5690 (U-NII 2C)	full	0.98	0.00	0.98		11.00 dBm/MHz	-10.02
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maximum Corr'd PSD(dBm/50 0kHz)	Limit	Margin (dB)
5690 (U-NII 3)	full	-5.93	0.00	2.22	-3.71	30.00 dBm/500kHz	-33.71
5775	full	-1.33	0.00	2.22	0.89	30.00 dBm/500kHz	-29.11
	484/65	2.59	0.00	2.22	4.81	30.00 dBm/500kHz	-25.19
	484/66	2.21	0.00	2.22	4.43	30.00 dBm/500kHz	-25.57

POWER DENSITY 802.11ax 160 MODE						
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)	Limit	Margin (dB)
5250	full	-1.47	0.00	-1.47	11.00 dBm/MHz	-12.47
	996/67	-3.28	0.00	-3.28	11.00 dBm/MHz	-14.28
	996/S67	-0.30	0.00	-0.30	11.00 dBm/MHz	-11.30
5570	full	-2.48	0.00	-2.48	11.00 dBm/MHz	-13.48
	996/67	-3.57	0.00	-3.57	11.00 dBm/MHz	-14.57
	996/S67	0.77	0.00	0.77	11.00 dBm/MHz	-10.23

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Mode: Chain B

POWER DENSITY 802.11a MODE						
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180.00	8.45	0.10	8.55		11.00 dBm/MHz	-2.45
5220.00	7.16	0.10	7.26		11.00 dBm/MHz	-3.74
5240.00	7.14	0.10	7.24		11.00 dBm/MHz	-3.76
5260.00	9.57	0.10	9.67		11.00 dBm/MHz	-1.33
5300.00	8.79	0.10	8.89		11.00 dBm/MHz	-2.11
5320.00	8.61	0.10	8.71		11.00 dBm/MHz	-2.29
5500.00	3.33	0.10	3.43		11.00 dBm/MHz	-7.57
5580.00	9.58	0.10	9.68		11.00 dBm/MHz	-1.32
5700.00	8.28	0.10	8.38		11.00 dBm/MHz	-2.62
5720 (U-NII 2C)	8.63	0.10	8.73		11.00 dBm/MHz	-2.27
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maxmum Corr'd PSD(dBm/50 0kHz)	Limit	Margin (dB)
5720 (U-NII 3)	4.11	0.10	2.22	6.43	30.00 dBm/500kHz	-23.57
5745.00	6.06	0.10	2.22	8.38	30.00 dBm/500kHz	-21.62
5785.00	5.97	0.10	2.22	8.29	30.00 dBm/500kHz	-21.71
5825.00	5.24	0.10	2.22	7.56	30.00 dBm/500kHz	-22.44

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POWER DENSITY 802.11n HT20 MODE						
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180.00	9.51	0.00	9.51		11.00 dBm/MHz	-1.49
5220.00	7.52	0.00	7.52		11.00 dBm/MHz	-3.48
5240.00	8.22	0.00	8.22		11.00 dBm/MHz	-2.78
5260.00	9.43	0.00	9.43		11.00 dBm/MHz	-1.57
5300.00	8.57	0.00	8.57		11.00 dBm/MHz	-2.43
5320.00	7.67	0.00	7.67		11.00 dBm/MHz	-3.33
5500.00	4.33	0.00	4.33		11.00 dBm/MHz	-6.67
5580.00	9.04	0.00	9.04		11.00 dBm/MHz	-1.96
5700.00	7.08	0.00	7.08		11.00 dBm/MHz	-3.92
5720 (U-NII 2C)	7.79	0.00	7.79		11.00 dBm/MHz	-3.21
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maxmum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	1.19	0.00	2.22	3.41	30.00 dBm/500kHz	-26.59
5745.00	7.00	0.00	2.22	9.22	30.00 dBm/500kHz	-20.78
5785.00	5.41	0.00	2.22	7.63	30.00 dBm/500kHz	-22.37
5825.00	6.84	0.00	2.22	9.06	30.00 dBm/500kHz	-20.94
POWER DENSITY 802.11n HT40 MODE						
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190.00	5.93	0.00	5.93		11.00 dBm/MHz	-5.07
5230.00	4.66	0.00	4.66		11.00 dBm/MHz	-6.34
5270.00	4.40	0.00	4.40		11.00 dBm/MHz	-6.60
5310.00	4.41	0.00	4.41		11.00 dBm/MHz	-6.59
5510.00	1.68	0.00	1.68		11.00 dBm/MHz	-9.32
5550.00	1.28	0.00	1.28		11.00 dBm/MHz	-9.72
5670.00	6.53	0.00	6.53		11.00 dBm/MHz	-4.47
5710 (U-NII 2C)	5.36	0.00	5.36		11.00 dBm/MHz	-5.64
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maxmum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-1.55	0.00	2.22	0.67	30.00 dBm/500kHz	-29.33
5755.00	3.92	0.00	2.22	6.14	30.00 dBm/500kHz	-23.86
5795.00	2.26	0.00	2.22	4.48	30.00 dBm/500kHz	-25.52

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POWER DENSITY 802.11ac VHT80 MODE						
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210.00	2.63	0.00	2.63		11.00 dBm/MHz	-8.37
5290.00	1.13	0.00	1.13		11.00 dBm/MHz	-9.87
5530.00	0.11	0.00	0.11		11.00 dBm/MHz	-10.89
5610.00	0.62	0.00	0.62		11.00 dBm/MHz	-10.38
5690 (U-NII 2C)	1.64	0.00	1.64		11.00 dBm/MHz	-9.36
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	-6.91	0.00	2.22	-4.69	30.00 dBm/500kHz	-34.69
5775.00	-3.37	0.00	2.22	-1.15	30.00 dBm/500kHz	-31.15
POWER DENSITY 802.11ac VHT160 MODE						
Frequency (MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5250.00	-1.67	0.00	-1.67		11.00 dBm/MHz	-12.67
5570.00	-3.68	0.00	-3.68		11.00 dBm/MHz	-14.68

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POWER DENSITY 802.11ax 20 MODE							
Frequency (MHz)	RU config.	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	full	7.94	0.00	7.94		11.00 dBm/MHz	-3.06
	26/0	10.09	0.00	10.09		11.00 dBm/MHz	-0.91
	52/37	10.00	0.00	10.00		11.00 dBm/MHz	-1.00
	106/53	10.21	0.00	10.21		11.00 dBm/MHz	-0.79
5220	full	8.17	0.00	8.17		11.00 dBm/MHz	-2.83
5240	full	8.58	0.00	8.58		11.00 dBm/MHz	-2.42
5260	full	5.36	0.00	5.36		11.00 dBm/MHz	-5.64
5300	full	6.19	0.00	6.19		11.00 dBm/MHz	-4.81
5320	full	7.96	0.00	7.96		11.00 dBm/MHz	-3.04
	26/8	10.09	0.00	10.09		11.00 dBm/MHz	-0.91
	52/40	10.38	0.00	10.38		11.00 dBm/MHz	-0.62
	106/54	9.44	0.00	9.44		11.00 dBm/MHz	-1.56
5500	full	3.68	0.00	3.68		11.00 dBm/MHz	-7.32
	26/0	10.21	0.00	10.21		11.00 dBm/MHz	-0.79
	52/37	9.03	0.00	9.03		11.00 dBm/MHz	-1.97
	106/53	7.71	0.00	7.71		11.00 dBm/MHz	-3.29
5580	full	9.13	0.00	9.13		11.00 dBm/MHz	-1.87
5700	full	6.79	0.00	6.79		11.00 dBm/MHz	-4.21
	26/8	10.37	0.00	10.37		11.00 dBm/MHz	-0.63
	52/40	10.05	0.00	10.05		11.00 dBm/MHz	-0.95
	106/54	9.72	0.00	9.72		11.00 dBm/MHz	-1.28
5720 (U-NII 2C)	full	8.42	0.00	8.42		11.00 dBm/MHz	-2.58
Frequency (MHz)	RU config.	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	full	3.11	0.00	2.22	5.33	30.00 dBm/500kHz	-24.67
5745	full	6.36	0.00	2.22	8.58	30.00 dBm/500kHz	-21.42
	26/0	10.00	0.00	2.22	12.22	30.00 dBm/500kHz	-17.78
	52/37	12.36	0.00	2.22	14.58	30.00 dBm/500kHz	-15.42
	106/53	9.57	0.00	2.22	11.79	30.00 dBm/500kHz	-18.21
5785	full	6.55	0.00	2.22	8.77	30.00 dBm/500kHz	-21.23
5825	full	6.68	0.00	2.22	8.90	30.00 dBm/500kHz	-21.10
	26/8	11.00	0.00	2.22	13.22	30.00 dBm/500kHz	-16.78
	52/40	11.82	0.00	2.22	14.04	30.00 dBm/500kHz	-15.96
	106/54	9.32	0.00	2.22	11.54	30.00 dBm/500kHz	-18.46

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POWER DENSITY 802.11ax 40 MODE							
Frequency (MHz)	RU config.	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	full	5.31	0.00	5.31		11.00 dBm/MHz	-5.69
	242/61	7.46	0.00	7.46		11.00 dBm/MHz	-3.54
5230	full	4.44	0.00	4.44		11.00 dBm/MHz	-6.56
5270	full	4.20	0.00	4.20		11.00 dBm/MHz	-6.80
5310	full	2.15	0.00	2.15		11.00 dBm/MHz	-8.85
	242/62	6.59	0.00	6.59		11.00 dBm/MHz	-4.41
5510	full	-0.10	0.00	-0.10		11.00 dBm/MHz	-11.10
	242/61	4.10	0.00	4.10		11.00 dBm/MHz	-6.90
5550	full	5.93	0.00	5.93		11.00 dBm/MHz	-5.07
5670	full	4.09	0.00	4.09		11.00 dBm/MHz	-6.91
	242/62	7.64	0.00	7.64		11.00 dBm/MHz	-3.36
5710 (U-NII 2C)	full	3.69	0.00	3.69		11.00 dBm/MHz	-7.31
Frequency (MHz)	RU config.	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	full	-2.47	0.00	2.22	-0.25	30.00 dBm/500kHz	-30.25
5755	full	0.44	0.00	2.22	2.66	30.00 dBm/500kHz	-27.34
	242/61	5.94	0.00	2.22	8.16	30.00 dBm/500kHz	-21.84
5795	full	1.12	0.00	2.22	3.34	30.00 dBm/500kHz	-26.66
	242/62	5.87	0.00	2.22	8.09	30.00 dBm/500kHz	-21.91

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POWER DENSITY 802.11ax 80 MODE							
Frequency (MHz)	RU config.	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	full	0.67	0.00	0.67		11.00 dBm/MHz	-10.33
	484/65	3.57	0.00	3.57		11.00 dBm/MHz	-7.43
5290	full	0.21	0.00	0.21		11.00 dBm/MHz	-10.79
	484/66	5.84	0.00	5.84		11.00 dBm/MHz	-5.16
5530	full	-2.58	0.00	-2.58		11.00 dBm/MHz	-13.58
	484/65	2.57	0.00	2.57		11.00 dBm/MHz	-8.43
5610	full	0.98	0.00	0.98		11.00 dBm/MHz	-10.02
	484/66	7.95	0.00	7.95		11.00 dBm/MHz	-3.05
5690 (U-NII 2C)	full	-0.06	0.00	-0.06		11.00 dBm/MHz	-11.06
Frequency (MHz)	RU config.	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	full	-6.51	0.00	2.22	-4.29	30.00 dBm/500kHz	-34.29
5775	full	-1.00	0.00	2.22	1.22	30.00 dBm/500kHz	-28.78
	484/65	2.32	0.00	2.22	4.54	30.00 dBm/500kHz	-25.46
	484/66	3.20	0.00	2.22	5.42	30.00 dBm/500kHz	-24.58
POWER DENSITY 802.11ax 160 MODE							
Frequency (MHz)	RU config.	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5250	full	-4.70	0.00	-4.70		11.00 dBm/MHz	-15.70
	996/67	-3.38	0.00	-3.38		11.00 dBm/MHz	-14.38
	996/S67	1.01	0.00	1.01		11.00 dBm/MHz	-9.99
5570	full	-3.26	0.00	-3.26		11.00 dBm/MHz	-14.26
	996/67	-4.59	0.00	-4.59		11.00 dBm/MHz	-15.59
	996/S67	-0.10	0.00	-0.10		11.00 dBm/MHz	-11.10

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Mode: MIMO

POWER DENSITY 802.11n HT20 MODE							
Frequency (MHz)	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180.00	5.14	4.47	0.00	7.83		11.00 dBm/MHz	-3.17
5220.00	3.74	4.58	0.00	7.19		11.00 dBm/MHz	-3.81
5240.00	3.80	3.35	0.00	6.59		11.00 dBm/MHz	-4.41
5260.00	4.46	4.53	0.00	7.51		11.00 dBm/MHz	-3.49
5300.00	3.52	3.17	0.00	6.36		11.00 dBm/MHz	-4.64
5320.00	3.51	3.54	0.00	6.54		11.00 dBm/MHz	-4.46
5500.00	4.75	3.72	0.00	7.28		11.00 dBm/MHz	-3.72
5580.00	4.25	3.71	0.00	7.00		11.00 dBm/MHz	-4.00
5700.00	4.37	4.56	0.00	7.48		11.00 dBm/MHz	-3.52
5720 (U-NII 2C)	5.17	3.92	0.00	7.60		11.00 dBm/MHz	-3.40
Frequency (MHz)	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-1.23	-0.02	0.00	2.22	4.65	30.00 dBm/500kHz	-25.35
5745.00	4.05	5.20	0.00	2.22	9.89	30.00 dBm/500kHz	-20.11
5785.00	5.03	4.49	0.00	2.22	10.00	30.00 dBm/500kHz	-20.00
5825.00	4.76	3.68	0.00	2.22	9.48	30.00 dBm/500kHz	-20.52

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POWER DENSITY 802.11n HT40 MODE

Frequency (MHz)	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190.00	4.15	3.25	0.00	6.73		11.00 dBm/MHz	-4.27
5230.00	3.41	2.95	0.00	6.20		11.00 dBm/MHz	-4.80
5270.00	3.65	3.06	0.00	6.38		11.00 dBm/MHz	-4.62
5310.00	4.44	3.37	0.00	6.95		11.00 dBm/MHz	-4.05
5510.00	0.90	1.19	0.00	4.06		11.00 dBm/MHz	-6.94
5550.00	3.40	3.90	0.00	6.67		11.00 dBm/MHz	-4.33
5670.00	4.50	2.76	0.00	6.73		11.00 dBm/MHz	-4.27
5710 (U-NII 2C)	3.79	3.09	0.00	6.46		11.00 dBm/MHz	-4.54
Frequency (MHz)	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maxmum Corr'd PSD(dBm/50 0kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-2.32	-3.39	0.00	2.22	2.41	30.00 dBm/500kHz	-27.59
5755.00	2.17	1.95	0.00	2.22	7.29	30.00 dBm/500kHz	-22.71
5795.00	0.48	-0.15	0.00	2.22	5.41	30.00 dBm/500kHz	-24.59

POWER DENSITY 802.11ac VHT80 MODE

Frequency (MHz)	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210.00	1.22	1.45	0.00	4.35		11.00 dBm/MHz	-6.65
5290.00	0.82	1.34	0.00	4.10		11.00 dBm/MHz	-6.90
5530.00	-4.04	-4.07	0.00	-1.04		11.00 dBm/MHz	-12.04
5610.00	2.54	0.93	0.00	4.82		11.00 dBm/MHz	-6.18
5690 (U-NII 2C)	2.56	1.37	0.00	5.02		11.00 dBm/MHz	-5.98
Frequency (MHz)	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Maxmum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	-5.39	-7.38	0.00	2.22	-1.04	30.00 dBm/500kHz	-31.04
5775.00	-1.73	-1.42	0.00	2.22	3.66	30.00 dBm/500kHz	-26.34

POWER DENSITY 802.11ac VHT160 MODE

Frequency (MHz)	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)	Limit	Margin (dB)
5250.00	-1.93	-0.38	0.00	1.92	11.00 dBm/MHz	-9.08
5570.00	-3.06	-2.62	0.00	0.18	11.00 dBm/MHz	-10.82

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POWER DENSITY 802.11ax 20 MODE								
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	full	3.34	2.13	0.00	5.79		11.00 dBm/MHz	-5.21
	26/0	6.34	6.22	0.00	9.29		11.00 dBm/MHz	-1.71
	52/37	5.32	5.40	0.00	8.37		11.00 dBm/MHz	-2.63
	106/53	5.31	5.61	0.00	8.47		11.00 dBm/MHz	-2.53
5220	full	3.08	3.25	0.00	6.18		11.00 dBm/MHz	-4.82
5240	full	4.23	3.52	0.00	6.90		11.00 dBm/MHz	-4.10
5260	full	3.32	4.14	0.00	6.76		11.00 dBm/MHz	-4.24
5300	full	4.07	3.45	0.00	6.78		11.00 dBm/MHz	-4.22
5320	full	4.91	3.96	0.00	7.47		11.00 dBm/MHz	-3.53
	26/8	6.47	6.68	0.00	9.59		11.00 dBm/MHz	-1.41
	52/40	5.24	5.34	0.00	8.30		11.00 dBm/MHz	-2.70
	106/54	5.25	5.51	0.00	8.39		11.00 dBm/MHz	-2.61
5500	full	4.48	4.62	0.00	7.56		11.00 dBm/MHz	-3.44
	26/0	6.48	6.75	0.00	9.62		11.00 dBm/MHz	-1.38
	52/37	4.64	5.03	0.00	7.85		11.00 dBm/MHz	-3.15
	106/53	5.01	5.48	0.00	8.26		11.00 dBm/MHz	-2.74
5580	full	5.16	4.48	0.00	7.84		11.00 dBm/MHz	-3.16
5700	full	5.66	3.98	0.00	7.91		11.00 dBm/MHz	-3.09
	26/8	5.96	5.70	0.00	8.84		11.00 dBm/MHz	-2.16
	52/40	4.57	4.75	0.00	7.67		11.00 dBm/MHz	-3.33
	106/54	4.78	4.55	0.00	7.67		11.00 dBm/MHz	-3.33
5720 (U-NII 2C)	full	3.98	4.42	0.00	7.22		11.00 dBm/MHz	-3.78
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RB W) Factor(dB)	Maxmum Corr'd PSD(dBm/50 0kHz)	Limit	Margin (dB)
5720 (U-NII 3)	full	-0.11	-1.20	0.00	2.22	4.61	30.00 dBm/500kHz	-25.39
5745	full	3.66	3.42	0.00	2.22	8.77	30.00 dBm/500kHz	-21.23
	26/0	12.62	12.47	0.00	2.22	17.78	30.00 dBm/500kHz	-12.22
	52/37	9.76	9.74	0.00	2.22	14.98	30.00 dBm/500kHz	-15.02
	106/53	7.12	7.59	0.00	2.22	12.59	30.00 dBm/500kHz	-17.41
5785	full	4.54	3.33	0.00	2.22	9.21	30.00 dBm/500kHz	-20.79
5825	full	4.05	1.84	0.00	2.22	8.31	30.00 dBm/500kHz	-21.69
	26/8	13.09	12.38	0.00	2.22	17.98	30.00 dBm/500kHz	-12.02
	52/40	10.27	10.09	0.00	2.22	15.41	30.00 dBm/500kHz	-14.59
	106/54	7.81	7.18	0.00	2.22	12.74	30.00 dBm/500kHz	-17.26

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POWER DENSITY 802.11ax 40 MODE								
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maximum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	full	3.27	3.88	0.00	6.60		11.00 dBm/MHz	-4.40
	242/61	4.17	4.10	0.00	7.15		11.00 dBm/MHz	-3.85
5230	full	2.13	1.45	0.00	4.81		11.00 dBm/MHz	-6.19
5270	full	2.84	1.21	0.00	5.11		11.00 dBm/MHz	-5.89
5310	full	1.37	0.87	0.00	4.14		11.00 dBm/MHz	-6.86
	242/62	3.67	4.99	0.00	7.39		11.00 dBm/MHz	-3.61
5510	full	-1.16	-1.47	0.00	1.70		11.00 dBm/MHz	-9.30
	242/61	2.93	3.38	0.00	6.17		11.00 dBm/MHz	-4.83
5550	full	3.62	2.38	0.00	6.05		11.00 dBm/MHz	-4.95
5670	full	1.86	1.45	0.00	4.67		11.00 dBm/MHz	-6.33
	242/62	4.74	3.89	0.00	7.35		11.00 dBm/MHz	-3.65
5710 (U-NII 2C)	full	4.01	5.01	0.00	7.55		11.00 dBm/MHz	-3.45
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	full	-3.39	-3.42	0.00	2.22	1.83	30.00 dBm/500kHz	-28.17
5755	full	-1.32	-0.73	0.00	2.22	4.22	30.00 dBm/500kHz	-25.78
	242/61	0.75	0.42	0.00	2.22	5.82	30.00 dBm/500kHz	-24.18
5795	full	-1.32	-1.96	0.00	2.22	3.60	30.00 dBm/500kHz	-26.40
	242/62	0.52	1.84	0.00	2.22	6.46	30.00 dBm/500kHz	-23.54

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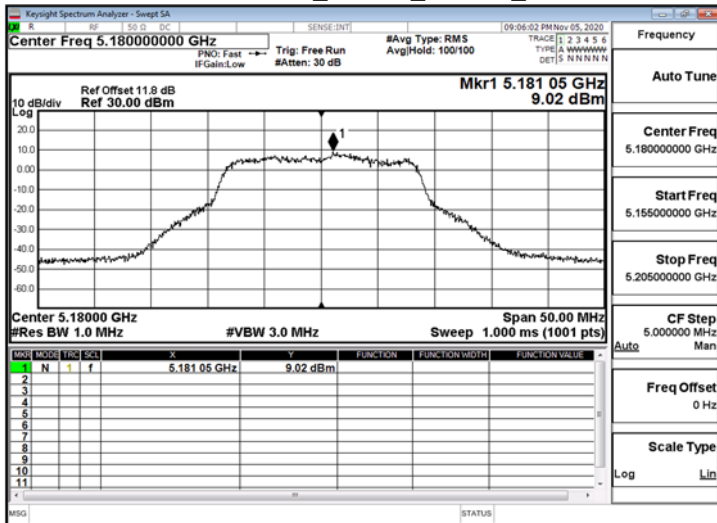
POWER DENSITY 802.11ax 80 MODE								
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	full	-0.28	0.34	0.00	3.05		11.00 dBm/MHz	-7.95
	484/65	1.49	1.20	0.00	4.36		11.00 dBm/MHz	-6.64
5290	full	-0.47	0.14	0.00	2.86		11.00 dBm/MHz	-8.14
	484/66	3.72	3.94	0.00	6.84		11.00 dBm/MHz	-4.16
5530	full	-2.46	-2.84	0.00	0.36		11.00 dBm/MHz	-10.64
	484/65	3.86	3.42	0.00	6.66		11.00 dBm/MHz	-4.34
5610	full	0.79	1.47	0.00	4.15		11.00 dBm/MHz	-6.85
	484/66	5.46	3.84	0.00	7.74		11.00 dBm/MHz	-3.26
5690 (U-NII 2C)	full	2.63	1.51	0.00	5.12		11.00 dBm/MHz	-5.88
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Maximum Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	full	-6.45	-6.23	0.00	2.22	-1.11	30.00 dBm/500kHz	-31.11
5775	full	-1.31	-1.26	0.00	2.22	3.95	30.00 dBm/500kHz	-26.05
	484/65	0.04	1.41	0.00	2.22	6.01	30.00 dBm/500kHz	-23.99
	484/66	0.54	-0.10	0.00	2.22	5.46	30.00 dBm/500kHz	-24.54
POWER DENSITY 802.11ax 160 MODE								
Frequency (MHz)	RU config.	chain A meas PSD (dBm/MHz)	chain B meas PSD (dBm/MHz)	Duty Factor (dB)	Maxmum Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5250	full	-3.99	-3.77	0.00	-0.87		11.00 dBm/MHz	-11.87
	996/67	2.00	1.08	0.00	4.57		11.00 dBm/MHz	-6.43
	996/S67	1.79	0.59	0.00	4.24		11.00 dBm/MHz	-6.76
5570	full	-1.84	-2.91	0.00	0.67		11.00 dBm/MHz	-10.33
	996/67	1.21	1.14	0.00	4.19		11.00 dBm/MHz	-6.81
	996/S67	2.71	2.62	0.00	5.68		11.00 dBm/MHz	-5.32

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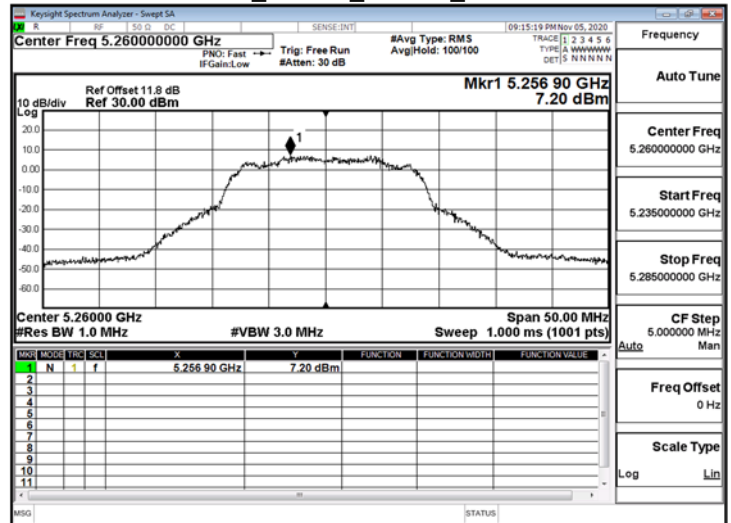
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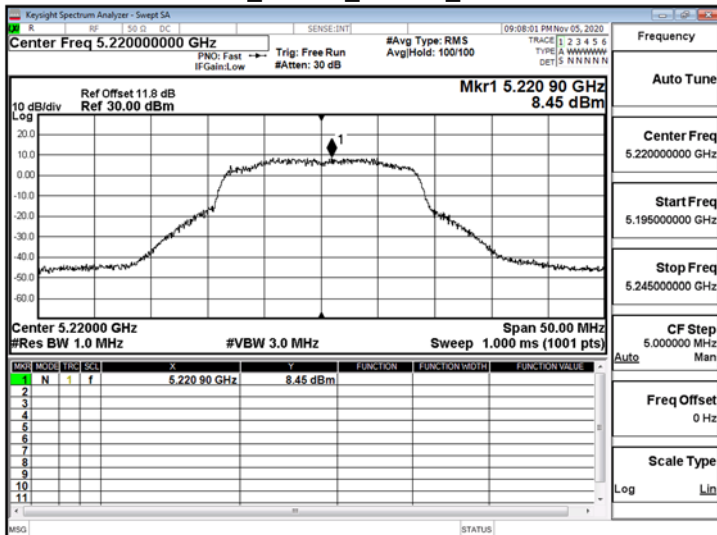
Chain A 802.11a_20MHz_ChainA_5180MHz



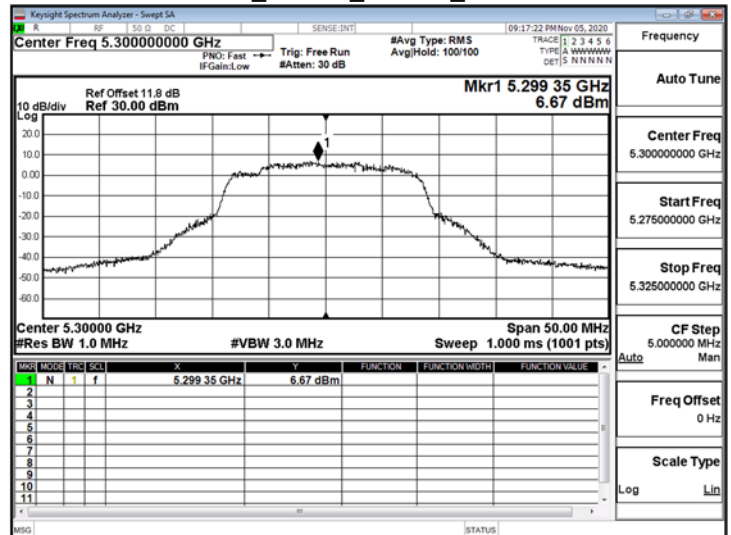
802.11a_20MHz_ChainA_5260MHz



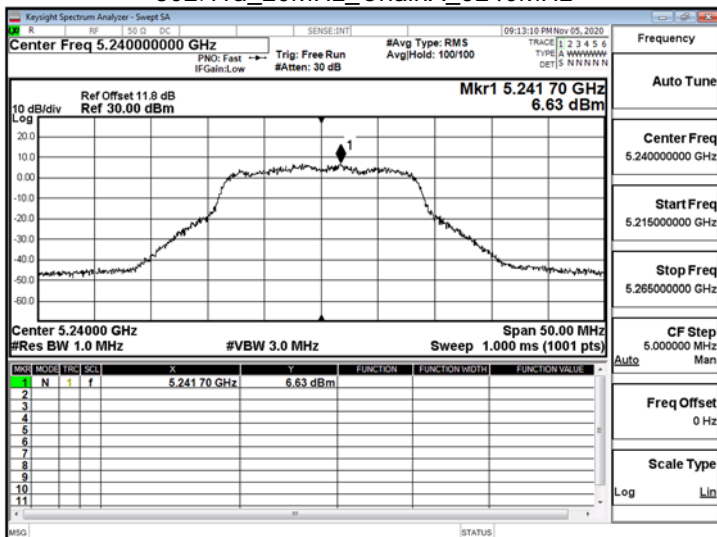
802.11a_20MHz_ChainA_5220MHz



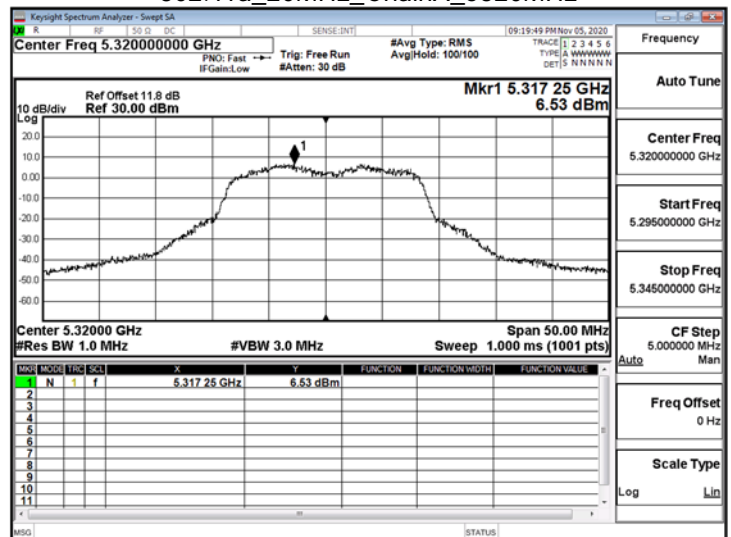
802.11a_20MHz_ChainA_5300MHz



802.11a_20MHz_ChainA_5240MHz



802.11a_20MHz_ChainA_5320MHz

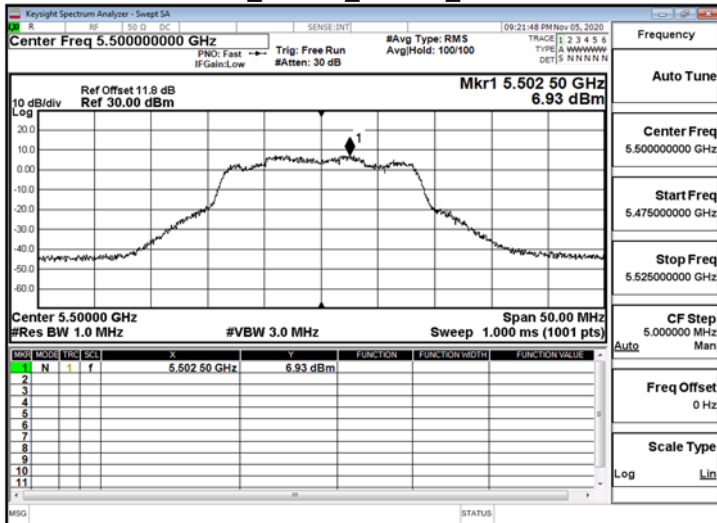


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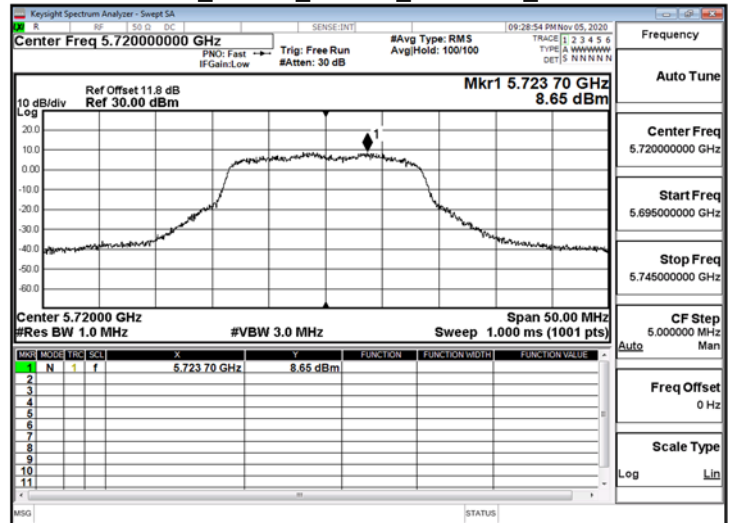
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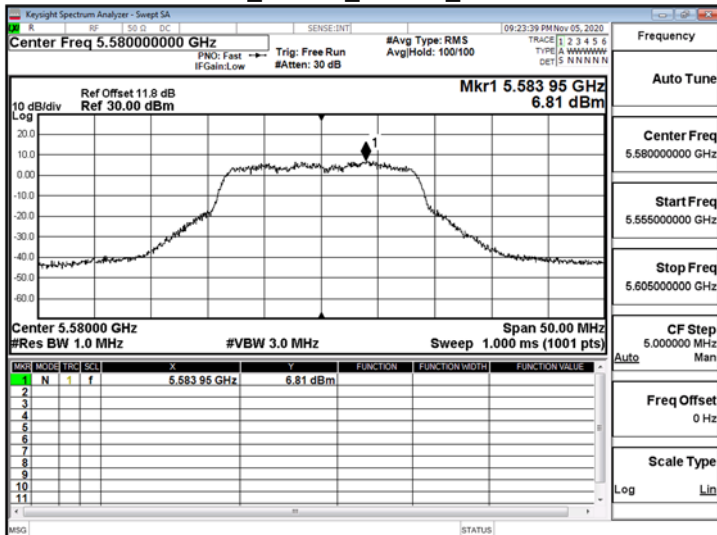
802.11a_20MHz_ChainA_5500MHz



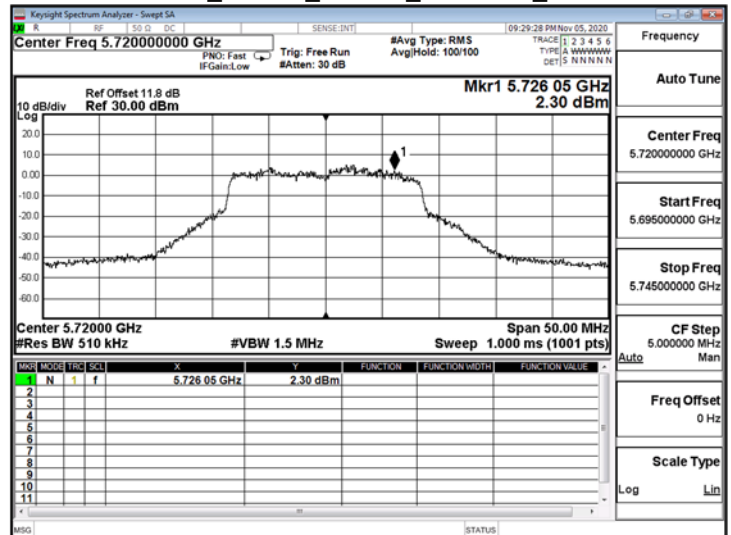
802.11a_20MHz_ChainA_5720MHz_UNII 2C



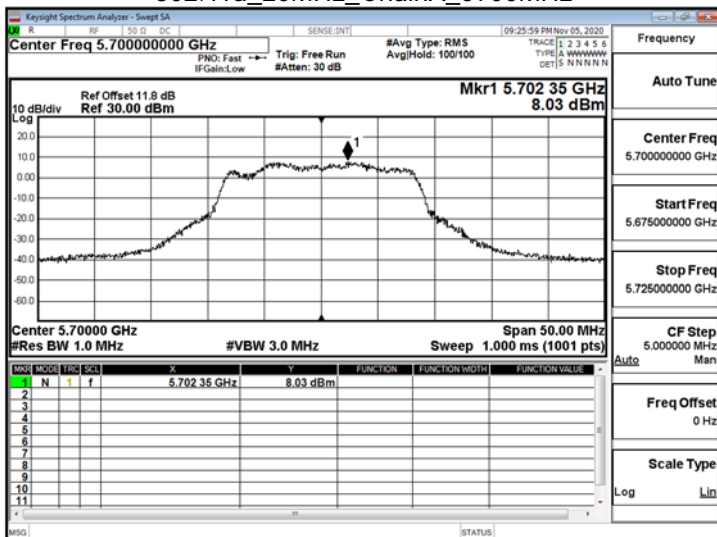
802.11a_20MHz_ChainA_5580MHz



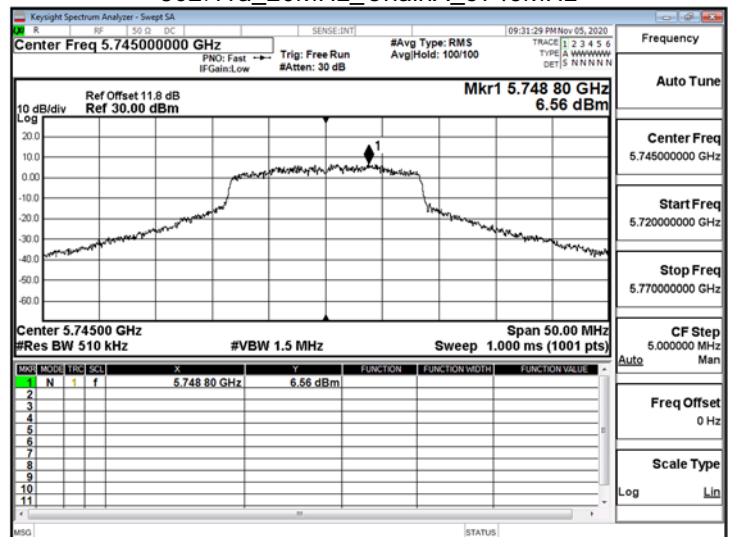
802.11a_20MHz_ChainA_5720MHz_UNII 3



802.11a_20MHz_ChainA_5700MHz



802.11a_20MHz_ChainA_5745MHz

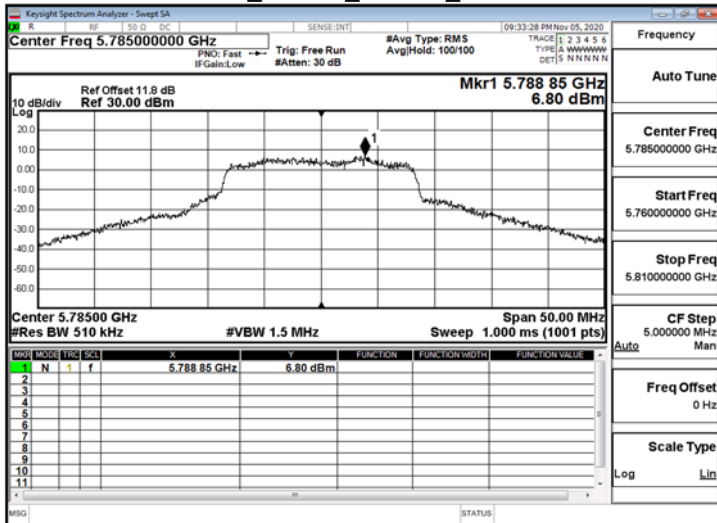


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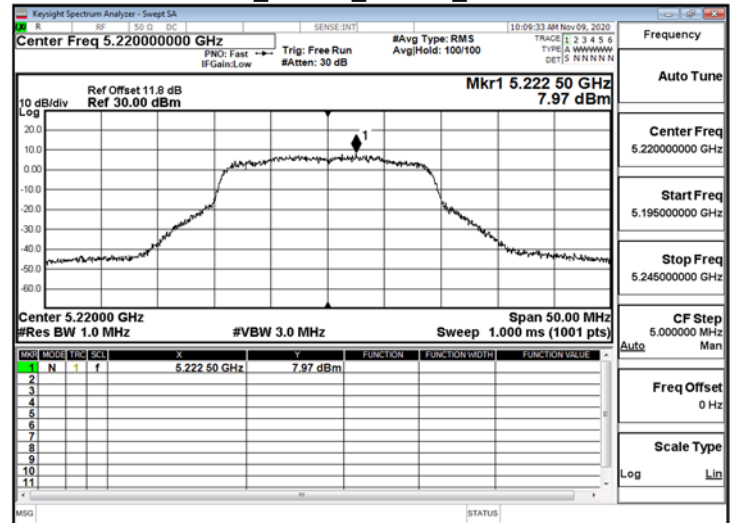
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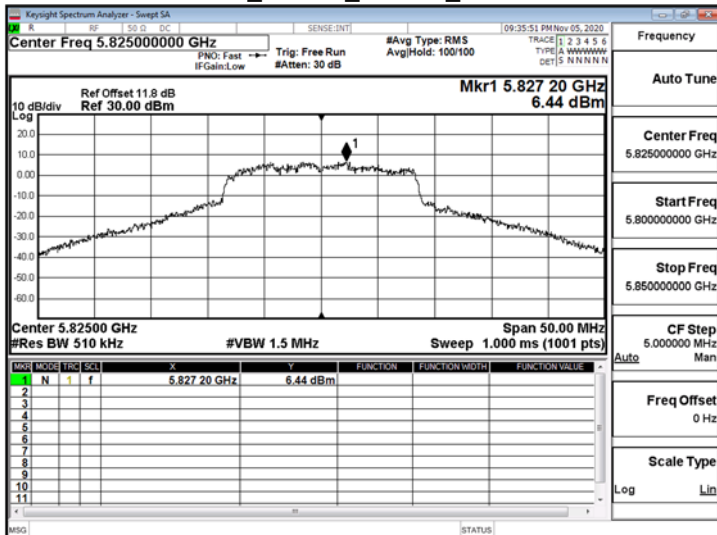
802.11a_20MHz_ChainA_5785MHz



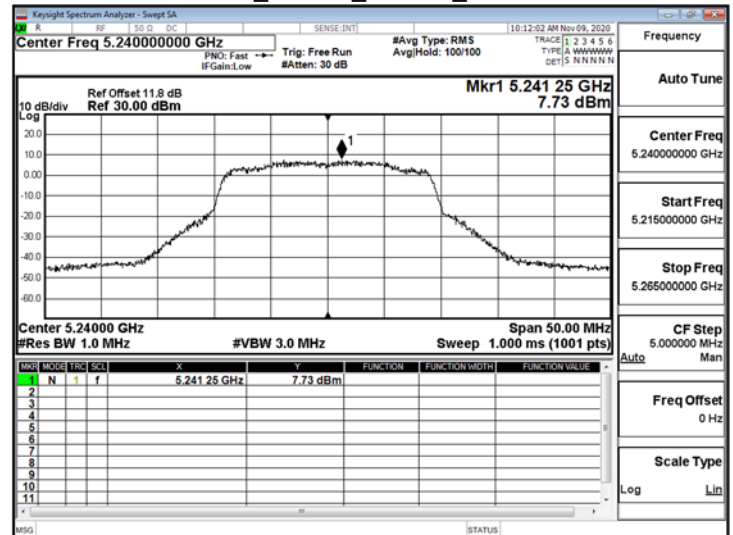
802.11n_20MHz_ChainA_5220MHz



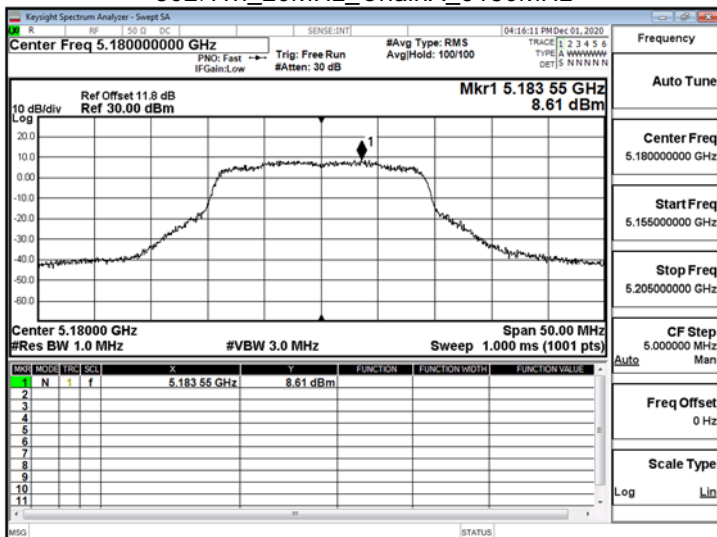
802.11a_20MHz_ChainA_5825MHz



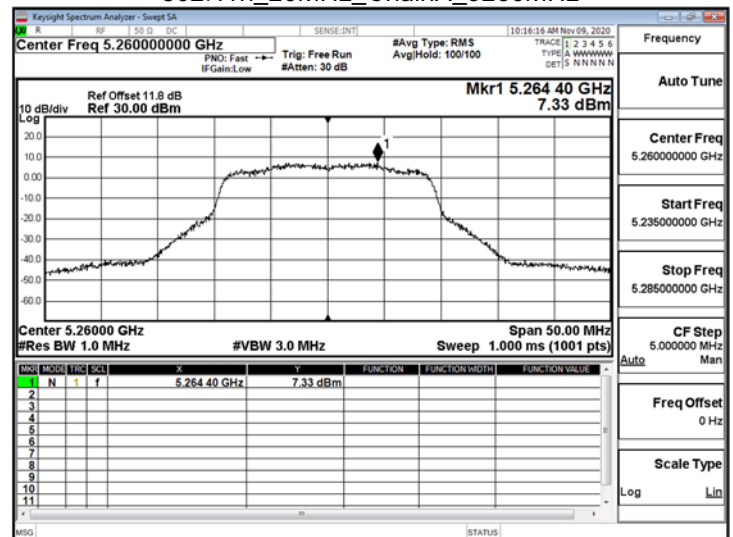
802.11n_20MHz_ChainA_5240MHz



802.11n_20MHz_ChainA_5180MHz



802.11n_20MHz_ChainA_5260MHz

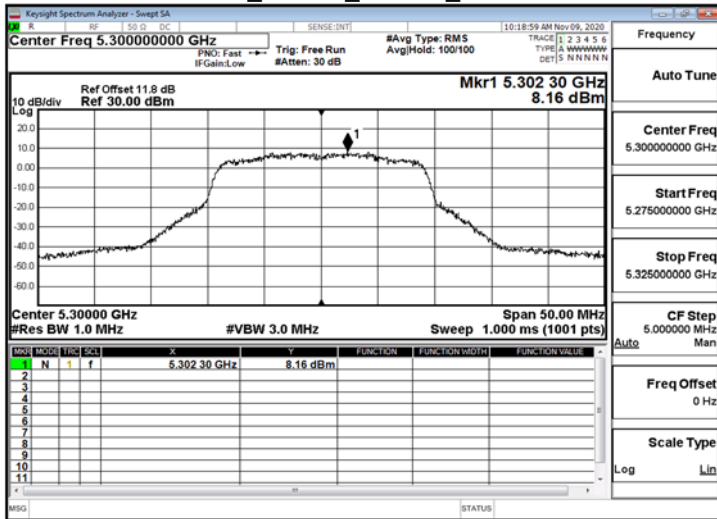


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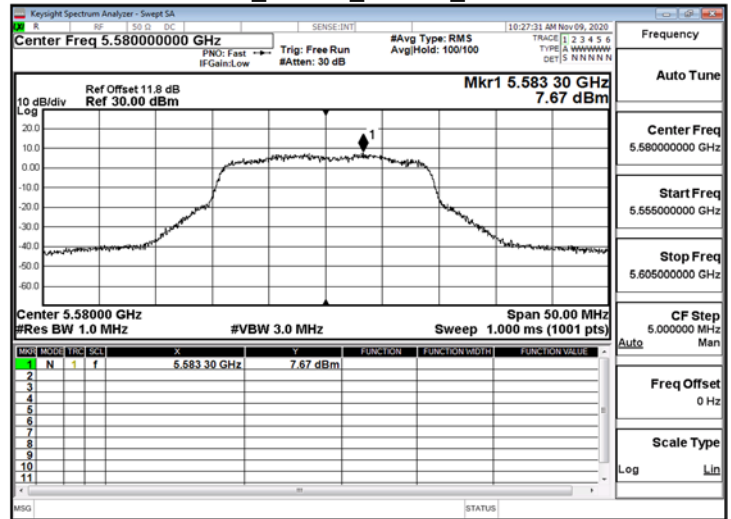
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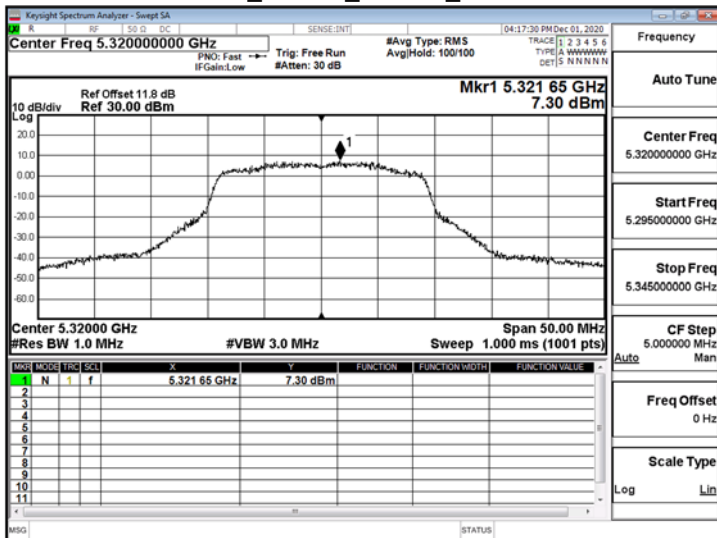
802.11n_20MHz_ChainA_5300MHz



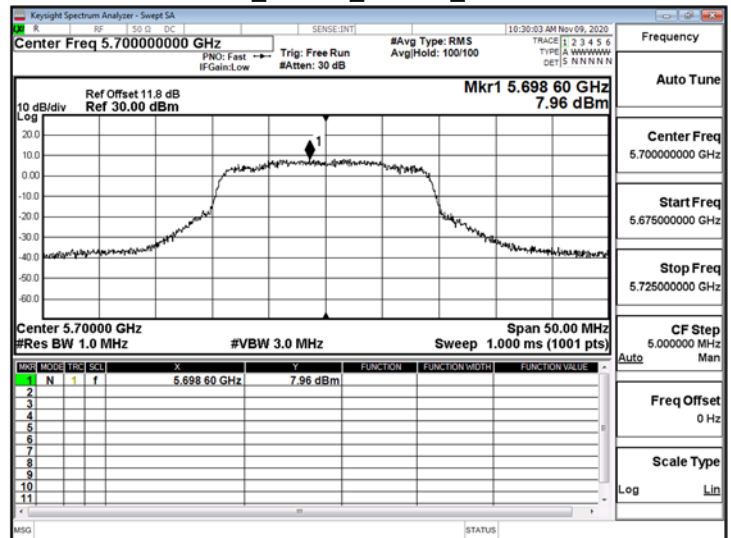
802.11n_20MHz_ChainA_5580MHz



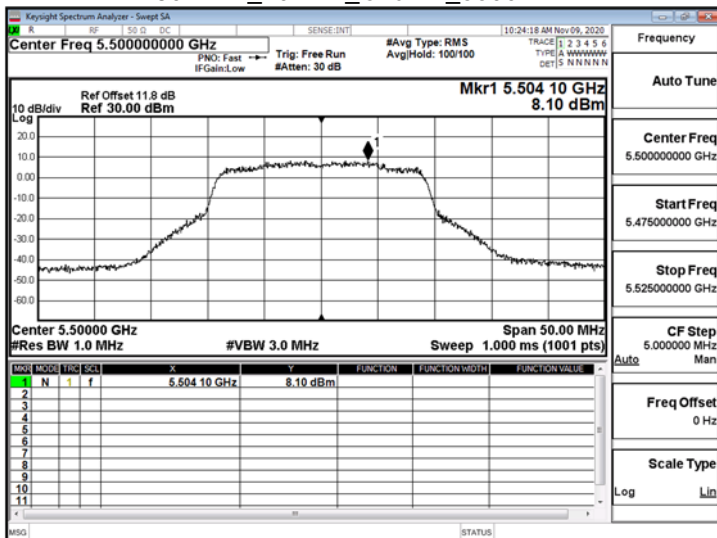
802.11n_20MHz_ChainA_5320MHz



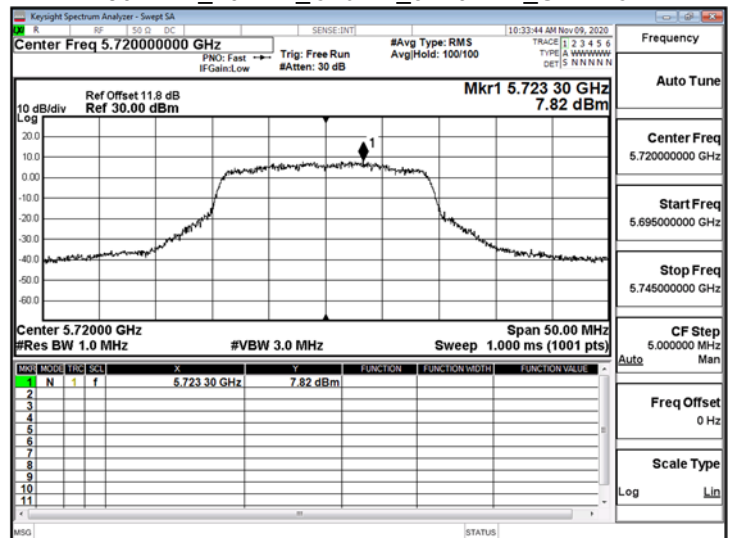
802.11n_20MHz_ChainA_5700MHz



802.11n_20MHz_ChainA_5500MHz



802.11n_20MHz_ChainA_5720MHz_UNII 2C

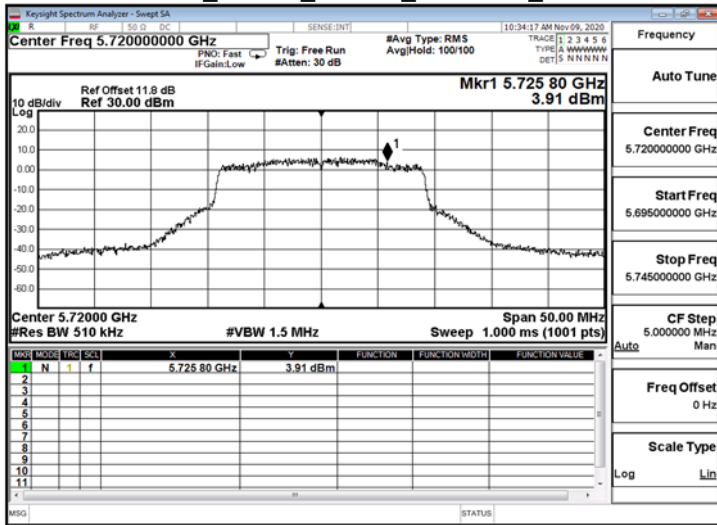


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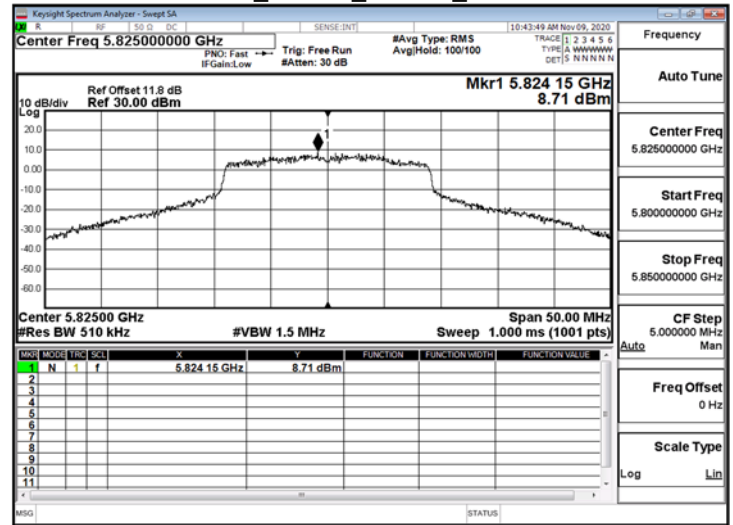
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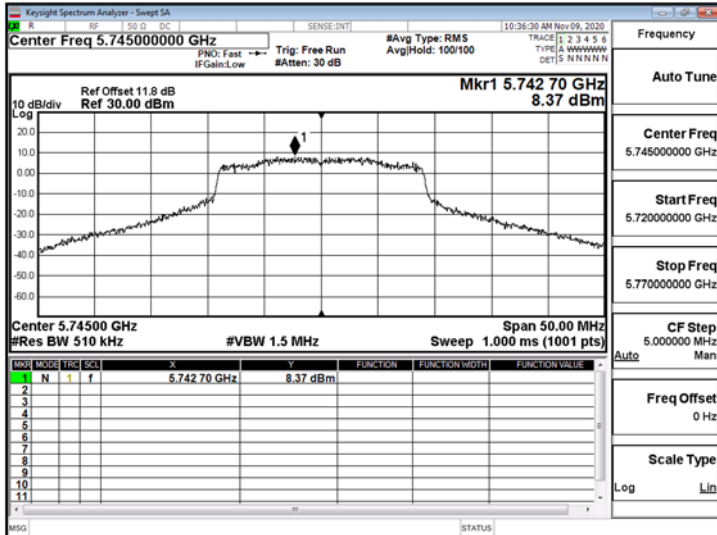
802.11n_20MHz_ChainA_5720MHz_UNII 3



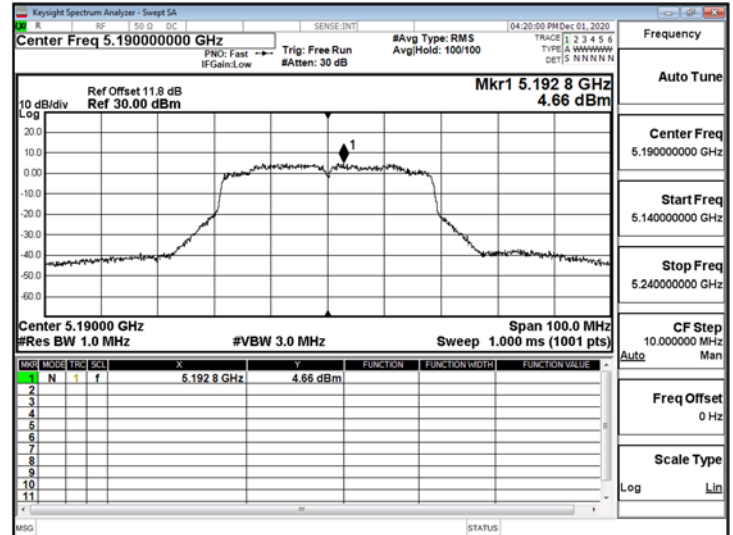
802.11n_20MHz_ChainA_5825MHz



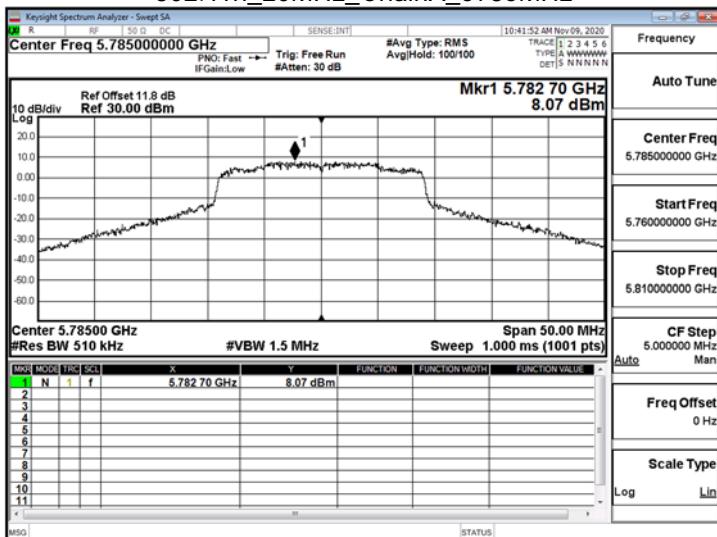
802.11n_20MHz_ChainA_5745MHz



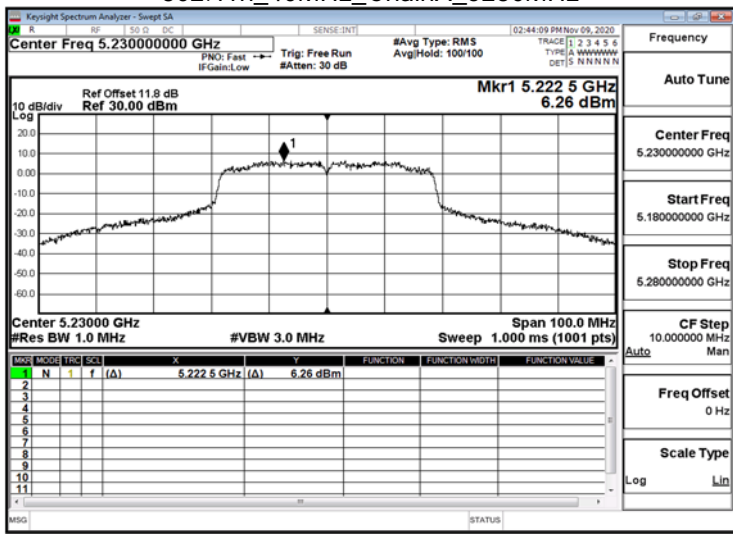
802.11n_40MHz_ChainA_5190MHz



802.11n_20MHz_ChainA_5785MHz



802.11n_40MHz_ChainA_5230MHz

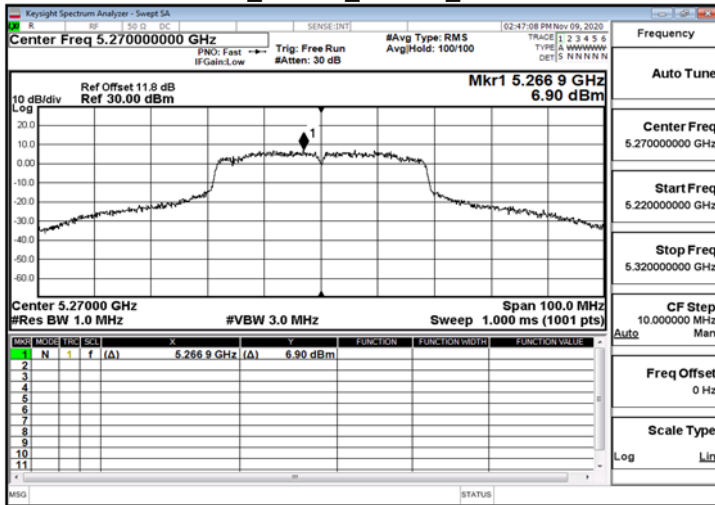


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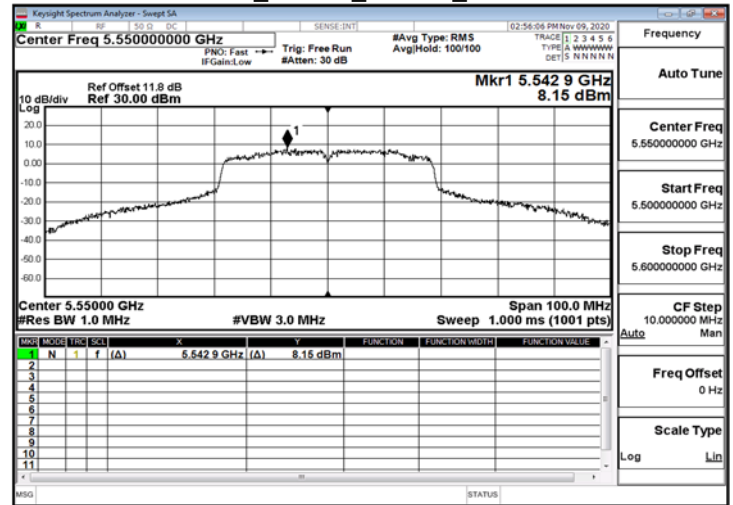
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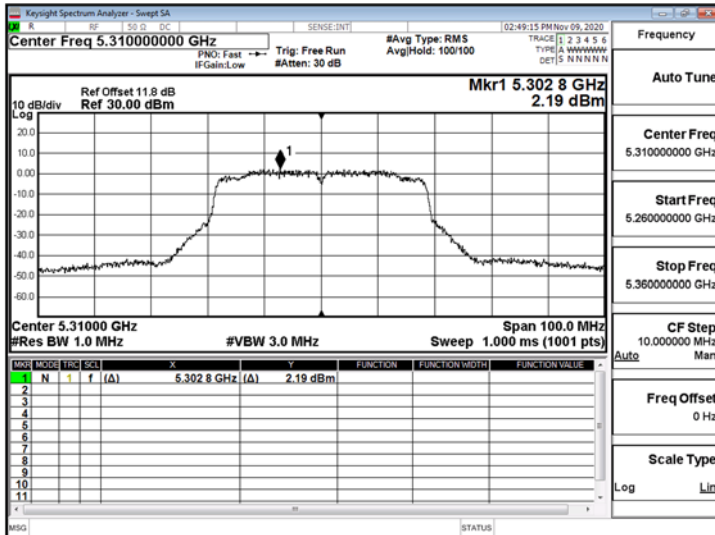
802.11n_40MHz_ChainA_5270MHz



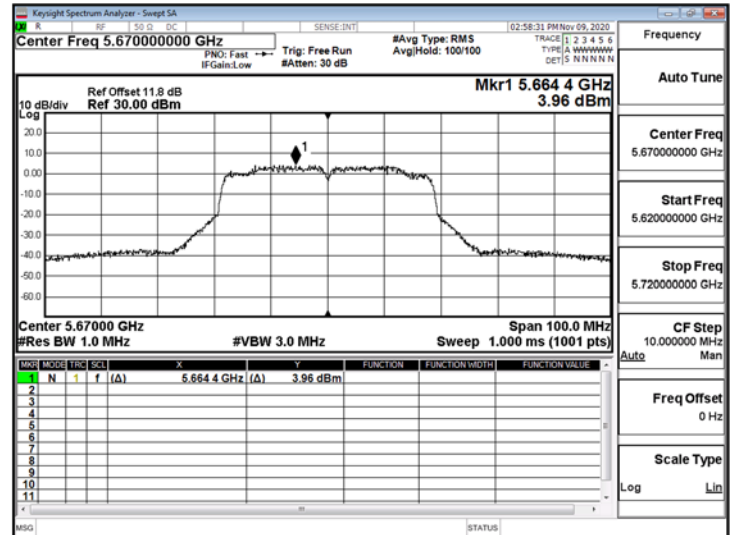
802.11n_40MHz_ChainA_5550MHz



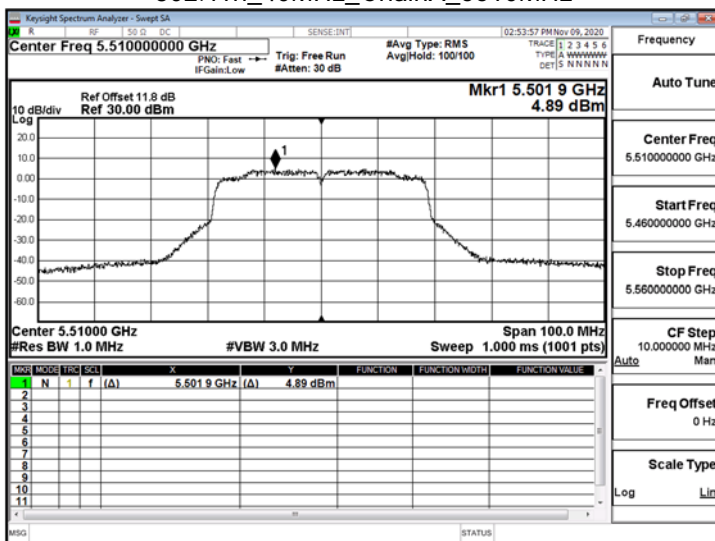
802.11n_40MHz_ChainA_5310MHz



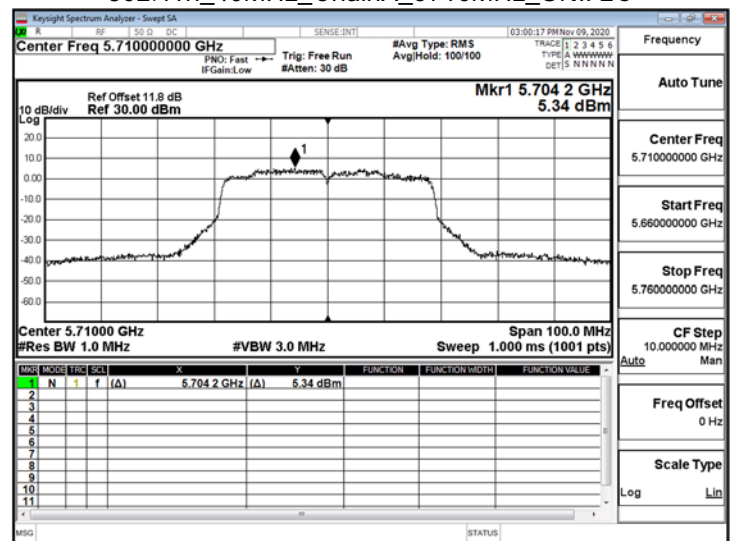
802.11n_40MHz_ChainA_5670MHz



802.11n_40MHz_ChainA_5510MHz



802.11n_40MHz_ChainA_5710MHz_UNII 2C

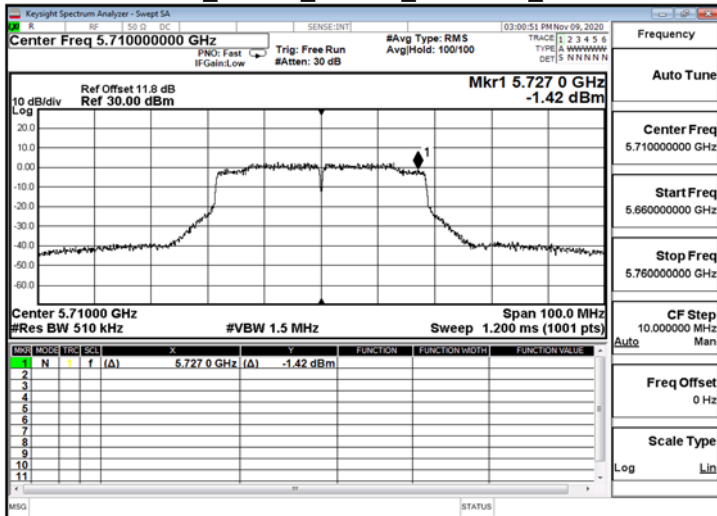


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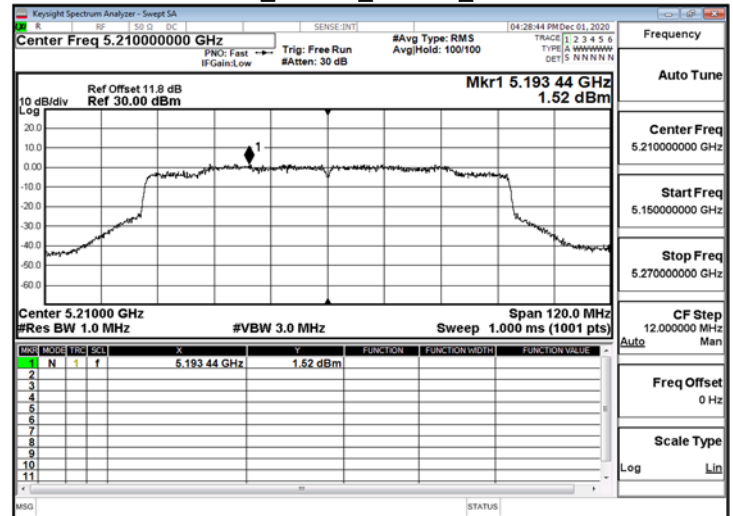
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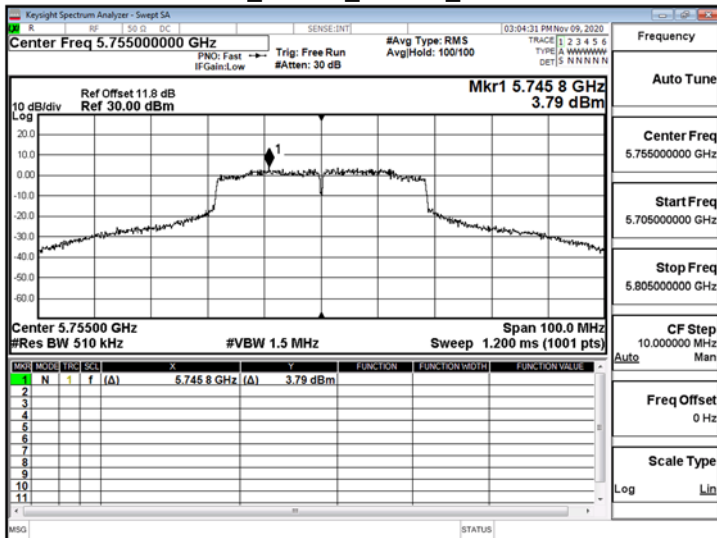
802.11n_40MHz_ChainA_5710MHz_UNII 3



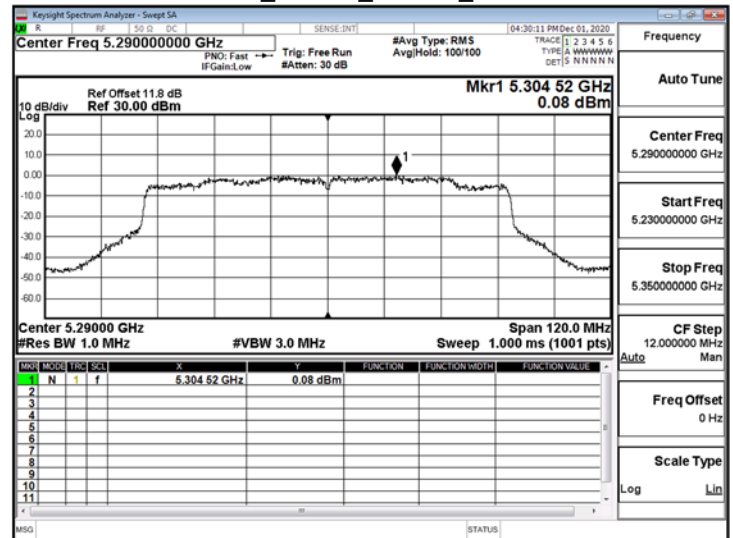
802.11ac_80MHz_ChainA_5210MHz



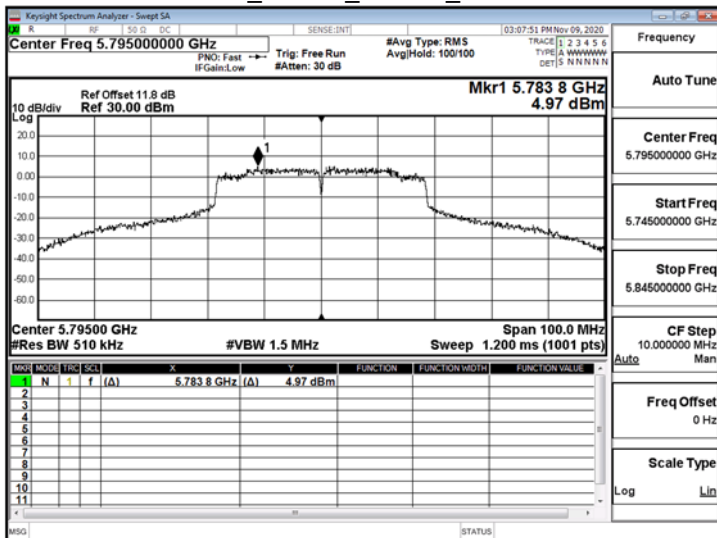
802.11n_40MHz_ChainA_5755MHz



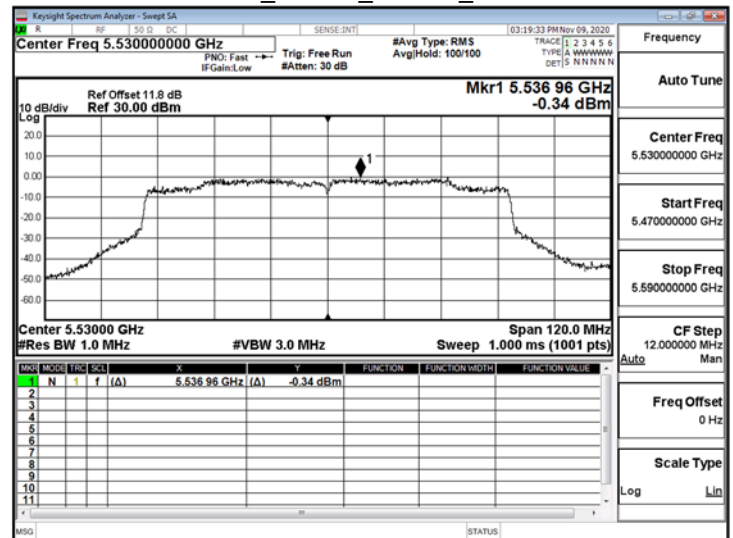
802.11ac_80MHz_ChainA_5290MHz



802.11n_40MHz_ChainA_5795MHz



802.11ac_80MHz_ChainA_5530MHz



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