Test Mode: IEEE 802.11ax 40 Mode

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
38	5190	MCS0	106/53	13.5	13.64	13.48	**16.83**	48.195	23.77	PASS
46	5230	MCS0	106/53	13.5	13.54	12.87	16.49	44.566	23.77	PASS
54	5270	MCS0	106/53	13.5	13.02	13.45	16.51	44.771	23.77	PASS
62	5310	MCS0	106/56	13.5	13.76	13.62	**16.96**	49.659	23.77	PASS
102	5510	MCS0	106/53	14	14.07	13.97	17.29	53.580	23.77	PASS
110	5550	MCS0	106/53	14	13.82	14.11	17.24	2.123	23.77	PASS
134	5670	MCS0	106/56	14	14.29	13.97	**17.40**	54.954	23.77	PASS
151	5755	MCS0	106/53	19	18.88	18.76	22.09	161.808	29.79	PASS
159	5795	MCS0	106/56	19	18.91	18.81	**22.13**	163.305	29.79	PASS

Test Mode: IEEE 802.11ax 80 mode

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
42	5210	MCS0	106/53	13	13.17	12.97	**16.29**	42.560	23.77	PASS
58	5290	MCS0	106/60	13	13.18	13.01	**16.31**	42.756	23.77	PASS
106	5530	MCS0	106/53	13	13.26	13.17	16.43	43.954	23.77	PASS
155	5775	MCS0	106/53	17	17.24	17.05	**20.36**	108.643	29.79	PASS
		MCS0	106/60	17	17.27	17.01	**20.36**	108.643	29.79	PASS

Temperature:	21.3~24.9℃	**Test date:**	November 22 ~ December 17, 2021
Humidity:	47~60% RH	**Tested by:**	Jack Chen
Test Mode:	Beanforming		

FCC Conducted output power：

Test Mode: IEEE 802.11a mode

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	6	15	14.51	14.48	**17.82**	60.534	23.77	PASS
44	5220	6	15	14.42	14.39	17.73	59.293	23.77	PASS
48	5240	6	15	14.33	14.27	17.62	57.810	23.77	PASS
52	5260	6	15	14.52	14.43	17.80	60.256	23.77	PASS
60	5300	6	15	14.61	14.52	**17.89**	61.518	23.77	PASS
64	5320	6	15	14.57	14.41	17.82	60.534	23.77	PASS
100	5500	6	15	14.33	14.27	17.62	57.810	23.77	PASS
116	5580	6	15	14.49	14.42	**17.78**	59.979	23.77	PASS
140	5700	6	14	13.85	13.33	16.92	49.204	23.77	PASS
149	5745	6	19.5	18.56	18.43	21.82	152.055	29.79	PASS
157	5785	6	19.5	18.55	18.49	21.84	152.757	29.79	PASS
165	5825	6	19.5	19.02	18.52	**22.10**	162.181	29.79	PASS

Test Mode: IEEE 802.11n HT20 mode

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	MCS8	15	14.21	14.16	**17.88**	61.376	23.77	PASS
44	5220	MCS8	15	14.02	14.01	17.71	59.020	23.77	PASS
48	5240	MCS8	15	13.95	13.95	17.64	58.076	23.77	PASS
52	5260	MCS8	15	14.16	14.13	17.84	60.814	23.77	PASS
60	5300	MCS8	15	14.33	14.22	17.97	62.661	23.77	PASS
64	5320	MCS8	15	14.32	14.33	**18.02**	63.387	23.77	PASS
100	5500	MCS8	15	14.02	13.99	17.70	58.884	23.77	PASS
116	5580	MCS8	15	14.06	13.97	**17.71**	59.020	23.77	PASS
140	5700	MCS8	13	12.59	11.95	15.98	39.628	23.77	PASS
149	5745	MCS8	19.5	18.23	18.17	21.89	154.525	29.79	PASS
157	5785	MCS8	19.5	18.21	18.19	21.89	154.525	29.79	PASS
165	5825	MCS8	19.5	18.31	18.26	**21.98**	157.761	29.79	PASS

Test Mode: IEEE 802.11ac VHT20 mode

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	MCS0	15	14.18	14.09	**17.83**	60.674	23.77	PASS
44	5220	MCS0	15	13.97	13.89	17.62	57.810	23.77	PASS
48	5240	MCS0	15	13.89	13.83	17.55	56.885	23.77	PASS
52	5260	MCS0	15	14.13	14.07	17.79	60.117	23.77	PASS
60	5300	MCS0	15	14.28	14.18	**17.92**	61.944	23.77	PASS
64	5320	MCS0	15	13.97	13.89	17.62	57.810	23.77	PASS
100	5500	MCS0	15	13.91	13.87	17.58	57.280	23.77	PASS
116	5580	MCS0	15	13.99	13.88	**17.63**	57.943	23.77	PASS
140	5700	MCS0	13	12.54	11.93	15.94	39.264	23.77	PASS
149	5745	MCS0	19.5	18.17	18.09	21.82	152.055	29.79	PASS
157	5785	MCS0	19.5	18.13	18.06	21.79	151.008	29.79	PASS
165	5825	MCS0	19.5	18.23	18.21	**21.91**	155.239	29.79	PASS

Test Mode: IEEE 802.11n HT40 mode

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
38	5190	MCS8	12	11.18	10.66	**15.17**	32.885	23.77	PASS
46	5230	MCS8	12	11.13	10.59	15.11	32.434	23.77	PASS
54	5270	MCS8	10.5	10.02	9.01	13.79	23.933	23.77	PASS
62	5310	MCS8	10.5	10.03	9.08	**13.83**	24.155	23.77	PASS
102	5510	MCS8	10	9.28	8.59	13.19	20.845	23.77	PASS
110	5550	MCS8	10	9.75	9.02	13.65	23.174	23.77	PASS
134	5670	MCS8	15	14.03	13.39	**17.97**	62.661	23.77	PASS
151	5755	MCS8	18	16.66	16.27	20.72	118.032	29.79	PASS
159	5795	MCS8	18	16.89	16.72	**21.05**	127.350	29.79	PASS

Test Mode: IEEE 802.11ac VHT40 mode

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
38	5190	MCS0	12	11.09	10.61	**15.10**	32.359	23.77	PASS
46	5230	MCS0	12	11.06	10.51	15.04	31.915	23.77	PASS
54	5270	MCS0	10.5	9.98	8.89	**13.71**	23.496	23.77	PASS
62	5310	MCS0	10.5	9.93	8.91	13.70	23.442	23.77	PASS
102	5510	MCS0	10	9.21	8.53	13.13	20.559	23.77	PASS
110	5550	MCS0	10	9.64	8.81	13.49	22.336	23.77	PASS
134	5670	MCS0	15	13.97	13.31	**17.90**	61.660	23.77	PASS
151	5755	MCS0	18	16.57	16.19	20.63	115.611	29.79	PASS
159	5795	MCS0	18	16.83	16.65	**20.99**	125.603	29.79	PASS

Test Mode: IEEE 802.11ac VHT80 mode

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
42	5210	MCS0	16	14.71	14.63	**18.99**	79.250	23.77	PASS
58	5290	MCS0	16	14.43	14.31	**18.69**	73.961	23.77	PASS
106	5530	MCS0	18	16.54	16.42	**20.80**	120.226	23.77	PASS
155	5775	MCS0	13	12.16	11.21	**16.03**	40.087	29.79	PASS

Test Mode: IEEE 802.11ax 20 Mode

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
36	5180	MCS0	26/0	8	8.51	10.07	12.43	17.498	23.77	PASS
		MCS0	52/37	13	13.16	12.95	16.13	41.020	23.77	PASS
		MCS0	106/53	15	14.85	14.72	17.86	61.094	23.77	PASS
44	5220	MCS0	106/53	15.75	15.62	15.48	**18.62**	72.778	23.77	PASS
48	5240	MCS0	106/53	15.75	15.53	15.27	18.48	70.469	23.77	PASS
52	5260	MCS0	106/53	15.75	15.67	15.52	18.67	73.621	23.77	PASS
60	5300	MCS0	106/53	15.75	15.63	15.77	**18.77**	75.336	23.77	PASS
64	5320	MCS0	26/8	11	10.97	10.02	13.59	22.856	23.77	PASS
		MCS0	52/40	14	13.18	13.09	16.21	41.783	23.77	PASS
		MCS0	106/54	16	15.43	15.25	18.41	69.343	23.77	PASS
100	5500	MCS0	26/0	11	11.01	10.62	13.89	24.491	23.77	PASS
		MCS0	52/37	12.5	12.09	12.04	15.14	32.659	23.77	PASS
		MCS0	106/53	15	14.33	14.28	17.38	54.702	23.77	PASS
116	5580	MCS0	106/53	14.5	14.17	14.01	17.16	52.000	23.77	PASS
140	5700	MCS0	26/8	10	10.21	8.43	12.48	17.701	23.77	PASS
		MCS0	52/40	14	13.37	12.86	16.20	41.687	23.77	PASS
		MCS0	106/54	16	15.52	15.02	**18.35**	68.391	23.77	PASS
149	5745	MCS0	26/0	14.5	14.47	13.79	17.22	52.723	29.79	PASS
		MCS0	52/37	14	13.98	13.51	16.82	48.084	29.79	PASS
		MCS0	106/53	15.5	15.21	14.85	18.11	64.714	29.79	PASS
157	5785	MCS0	106/54	17	16.62	16.03	19.41	87.297	29.79	PASS
165	5825	MCS0	26/8	15	14.96	14.22	17.68	58.614	29.79	PASS
		MCS0	52/40	16	15.29	15.24	18.34	68.234	29.79	PASS
		MCS0	106/54	17.5	17.18	17.02	**20.17**	103.992	29.79	PASS

Test Mode: IEEE 802.11ax 40 Mode

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
38	5190	MCS0	106/53	13.5	13.41	13.22	**16.59**	45.604	23.77	PASS
46	5230	MCS0	106/53	13.5	13.33	12.68	16.29	42.560	23.77	PASS
54	5270	MCS0	106/53	13.5	12.89	13.24	16.34	43.053	23.77	PASS
62	5310	MCS0	106/56	13.5	13.59	13.41	**16.77**	47.534	23.77	PASS
102	5510	MCS0	106/53	14	13.96	13.75	17.13	51.642	23.77	PASS
110	5550	MCS0	106/53	14	13.61	13.92	17.04	2.123	23.77	PASS
134	5670	MCS0	106/56	14	14.08	13.76	**17.19**	52.360	23.77	PASS
151	5755	MCS0	106/53	19	18.63	18.59	21.88	154.170	29.79	PASS
159	5795	MCS0	106/56	19	18.72	18.65	**21.96**	157.036	29.79	PASS

Test Mode: IEEE 802.11ax 80 mode

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
42	5210	MCS0	106/53	13	12.98	12.76	**16.09**	40.644	23.77	PASS
58	5290	MCS0	106/60	13	12.95	12.88	**16.13**	41.020	23.77	PASS
106	5530	MCS0	106/53	13	13.11	12.96	**16.25**	42.170	23.77	PASS
155	5775	MCS0	106/53	17	17.03	16.93	**20.20**	104.713	29.79	PASS
		MCS0	106/60	17	17.07	16.85	20.18	104.232	29.79	PASS

4.4 POWER SPECTRAL DENSITY

4.4.1 Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3)

UNII-1 :

The maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. For client devices, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

UNII-2a and 2c:

The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-3:

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

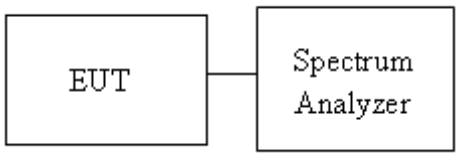
UNII-1 Limit	☐ Antenna not exceed 6 dBi：17 dBm/MHz ☒ Antenna with DG greater than 6 dBi： [Limit = 17 – (DG – 6) dBm/MHz]
UNII-1 Limit (For client devices)	☐ Antenna not exceed 6 dBi：11 dBm/MHz ☒ Antenna with DG greater than 6 dBi： [Limit = 11 – (DG – 6) dBm/MHz]
UNII-2a Limit	☒ Antenna not exceed 6 dBi：11 dBm/MHz ☐ Antenna with DG greater than 6 dBi： [Limit = 11 – (DG – 6)]
UNII-2c Limit	☒ Antenna not exceed 6 dBi：11 dBm/MHz ☐ Antenna with DG greater than 6 dBi： [Limit = 11 – (DG – 6)]
UNII-3 Limit	☐ Antenna not exceed 6 dBi：30 dBm/500kHz ☒ Antenna with DG greater than 6 dBi： [Limit = 30 – (DG – 6) dBm/500kHz]

4.4.2 Test Procedure

Test method Refer as KDB 789033 D02

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. UNII-1, UNII-2a and UNII-2c, SA set RBW = 1MHz, VBW = 3MHz and Detector = RMS, to measurement Power Density.
4. UNII-3, SA set RBW = 500kHz, VBW = 2MHz and Detector = RMS, to measurement Power Density
5. The path loss and Duty Factor were compensated to the results for each measurement by SA.
6. Mark the maximum level.
7. Measure and record the result of power spectral density. in the test report.

4.4.3 Test Setup



4.4.4 Test Result

Temperature:	21.3~24.9℃	**Test date:**	November 22 ~ December 17, 2021
Humidity:	47~60% RH	**Tested by:**	Jack Chen

UNII-1 5150-5250 MHz

Test Mode: IEEE 802.11a mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5180	3.368	3.525	0.31	6.77	10.79
Mid	5220	2.689	3.190	0.31	6.27	
High	5240	2.854	2.941	0.31	6.22	

Test Mode: IEEE 802.11n HT20 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5180	3.164	2.796	0.68	6.67	10.79
Mid	5220	2.514	2.858	0.68	6.38	
High	5240	2.024	2.416	0.68	5.91	

Test Mode: IEEE 802.11n HT40 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5190	-3.094	-3.737	1.24	0.85	10.79
High	5230	-3.480	-4.296	1.24	0.38	

Test Mode: IEEE 802.11ac VHT80 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5210	-2.594	-2.569	1.31	1.74	10.79

Test mode: IEEE 802.11ax HE20 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5180	26/0	6.000	7.194	0.00	9.65	10.79
		52/37	7.780	7.344	0.00	10.58	10.79
		106/53	6.717	6.216	0.00	9.48	10.79
Mid	5220	106/53	7.735	7.513	0.00	10.64	10.79
High	5240	106/53	7.555	7.596	0.00	10.59	10.79

Test mode: IEEE 802.11ax HE40 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5190	106/53	5.258	4.990	0.26	8.40	10.79
High	5230	106/53	5.749	5.555	0.26	8.92	10.79

Test mode: IEEE 802.11ax HE80 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5210	106/53	4.881	4.724	0.21	8.02	10.79

UNII-2a 5250-5350 MHz

Test Mode: IEEE 802.11a mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5260	2.943	3.185	0.31	6.39	10.79
Mid	5300	3.017	3.272	0.31	6.47	
High	5320	2.642	2.760	0.31	6.02	

Test Mode: IEEE 802.11n HT20 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5260	2.450	2.490	0.68	6.16	10.79
Mid	5300	2.431	2.706	0.68	6.26	
High	5320	1.792	2.374	0.68	5.78	

Test Mode: IEEE 802.11n HT40 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5270	-4.896	-5.944	1.24	-1.14	10.79
High	5310	-5.645	-5.717	1.24	-1.43	

Test Mode: IEEE 802.11ac VHT80 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5290	-3.241	-3.017	1.31	1.19	10.79

Test mode: IEEE 802.11ax HE20 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5260	106/53	7.582	7.717	0.00	10.66	10.79
Mid	5300	106/53	7.746	7.800	0.00	10.78	10.79
High	5320	26/8	7.334	6.161	0.00	9.80	10.79
		52/40	6.891	7.043	0.00	9.98	10.79
		106/54	6.059	6.532	0.00	9.31	10.79

Test mode: IEEE 802.11ax HE40 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5270	106/53	5.447	5.969	0.26	8.99	10.79
High	5310	106/56	4.351	4.972	0.26	7.94	10.79

Test mode: IEEE 802.11ax HE80 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5290	106/60	3.493	3.860	0.21	6.90	10.79

UNII-2c 5470-5725 MHz

Test Mode: IEEE 802.11a mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5500	2.061	2.958	0.31	5.85	10.79
Mid	5580	2.852	3.282	0.31	6.39	
High	5700	2.087	1.709	0.31	5.22	

Test Mode: IEEE 802.11n HT20 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5500	1.561	2.321	0.68	5.65	10.79
Mid	5580	2.396	2.800	0.68	6.29	
High	5700	0.868	0.188	0.68	4.23	

Test Mode: IEEE 802.11n HT40 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5510	-5.863	-6.270	1.24	-1.81	10.79
Mid	5550	-4.521	-5.732	1.24	-0.83	
High	5670	-0.459	-1.622	1.24	3.25	

Test Mode: IEEE 802.11ac VHT80 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5530	-1.392	-0.673	1.31	3.30	10.79

Test mode: IEEE 802.11ax HE20 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5500	26/0	7.125	6.653	0.00	9.91	10.79
		52/37	5.748	5.970	0.00	8.87	10.79
		106/53	5.212	5.863	0.00	8.56	10.79
Mid	5580	106/53	6.351	6.500	0.00	9.44	10.79
High	5700	26/8	7.560	5.444	0.00	9.64	10.79
		52/40	7.545	6.510	0.00	10.07	10.79
		106/54	7.220	6.216	0.00	9.76	10.79

Test mode: IEEE 802.11ax HE40 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5510	106/53	4.564	4.822	0.26	7.97	10.79
Mid	5550	106/53	6.324	6.843	0.26	9.86	10.79
High	5670	106/56	5.278	5.273	0.26	8.55	10.79

Test mode: IEEE 802.11ax HE80 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/MHz)	Chain 1 PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)
Low	5530	106/53	4.042	4.276	0.21	7.38	10.79

UNII-3 5725-5850 MHz

Test Mode: IEEE 802.11a mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/300kHz)	Chain 1 PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW)	Total Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)
Low	5745	1.651	1.941	0.31	2.22	7.34	29.79
Mid	5785	2.232	1.708	0.31	2.22	7.52	
High	5825	1.717	2.384	0.31	2.22	7.60	

Test Mode: IEEE 802.11n HT20 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/300kHz)	Chain 1 PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW)	Total Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)
Low	5745	1.400	1.342	0.68	2.22	7.28	29.79
Mid	5785	1.291	1.472	0.68	2.22	7.29	
High	5825	1.598	1.520	0.68	2.22	7.47	

Test Mode: IEEE 802.11n HT40 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/300kHz)	Chain 1 PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW)	Total Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)
Low	5755	-3.100	-3.525	1.24	2.22	3.16	29.79
High	5795	-3.100	-3.051	1.24	2.22	3.39	

Test Mode: IEEE 802.11ac VHT80 mode

Channel	Frequency (MHz)	Chain 0 PSD (dBm/300kHz)	Chain 1 PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW)	Total Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)
Low	5775	-10.943	-11.466	1.31	2.22	-4.66	29.79

Test mode: IEEE 802.11ax HE20 mode

Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/300kHz)	Chain 1 PSD (dBm/300kHz)	Duty Factor (dB)	10log Factor(dB) (500kHz/RBW)	Total Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)
Low	5745	26/0	6.131	6.200	0.00	2.22	11.40	29.79
		52/37	2.901	2.765	0.00	2.22	8.06	29.79
		106/53	1.531	1.620	0.00	2.22	6.81	29.79
Mid	5785	106/54	3.737	3.778	0.00	2.22	8.99	29.79
High	5825	26/8	6.702	6.311	0.00	2.22	11.74	29.79
		52/40	4.311	4.176	0.00	2.22	9.47	29.79
		106/54	3.082	3.877	0.00	2.22	8.73	29.79

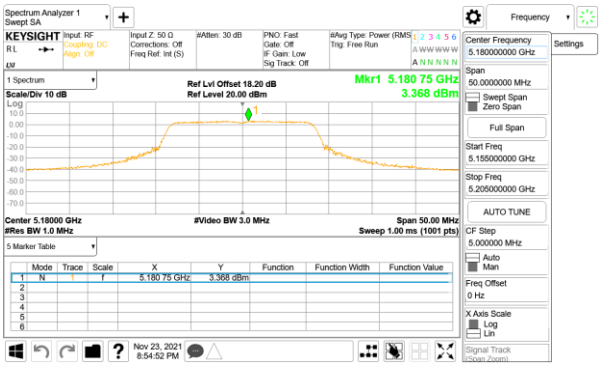
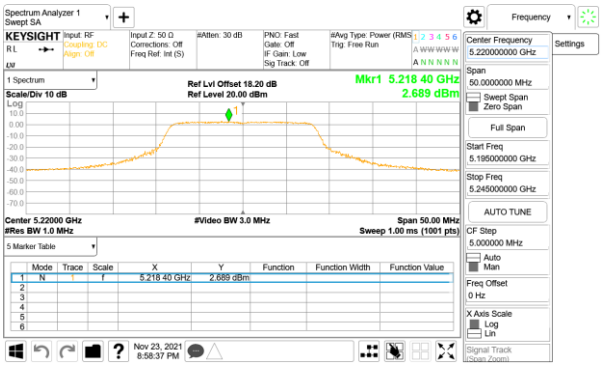
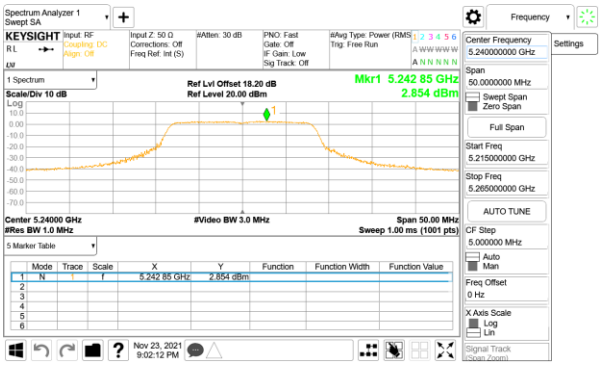
Test mode: IEEE 802.11ax HE40 mode

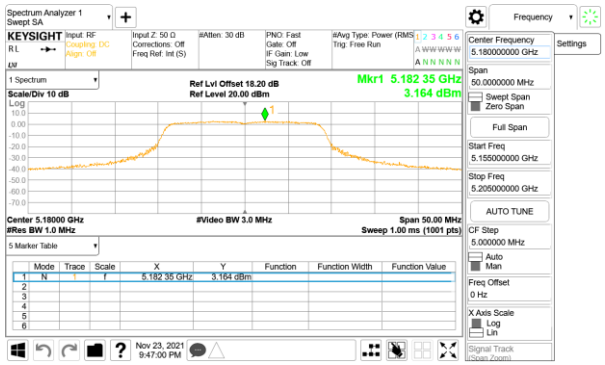
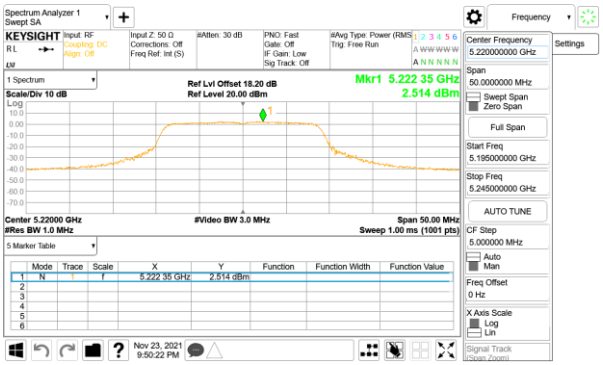
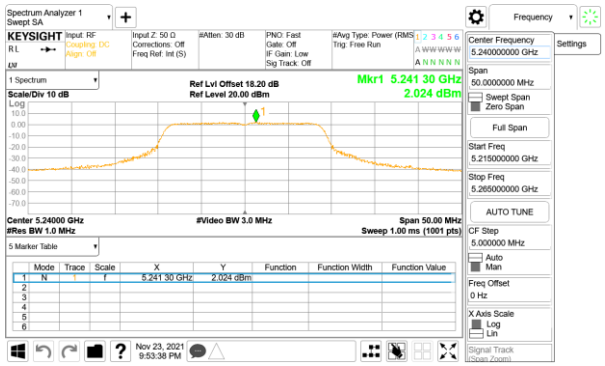
Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/300kHz)	Chain 1 PSD (dBm/300kHz)	Duty Factor (dB)	10log Factor(dB) (500kHz/RBW)	Total Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)
Low	5755	106/53	4.746	4.935	0.26	2.22	10.33	29.79
High	5795	106/56	4.294	4.934	0.26	2.22	10.12	29.79

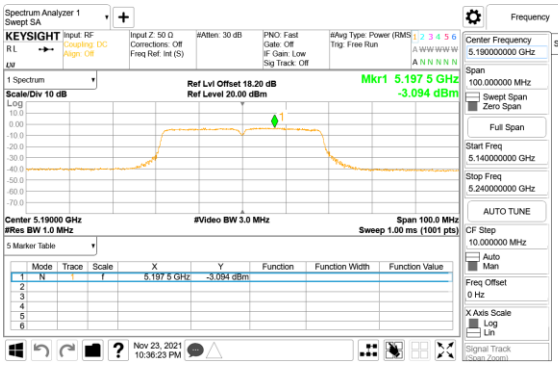
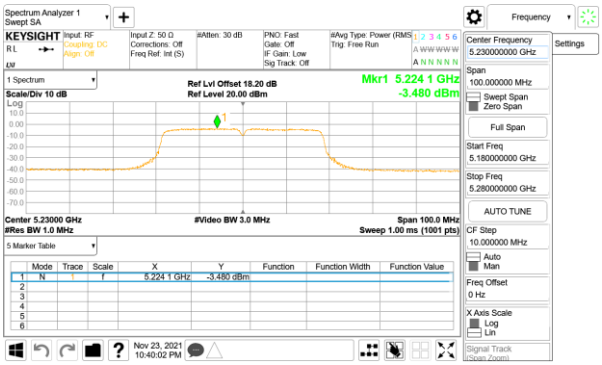
Test mode: IEEE 802.11ax HE80 mode

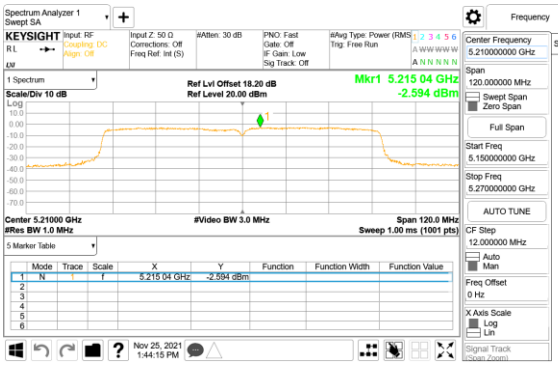
Channel	Frequency (MHz)	RU config.	Chain 0 PSD (dBm/300kHz)	Chain 1 PSD (dBm/300kHz)	Duty Factor (dB)	10log Factor(dB) (500kHz/RBW)	Total Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)
Low	5775	106/53	3.374	3.461	0.21	2.22	8.86	29.79
		106/60	2.843	2.872	0.21	2.22	8.30	29.79

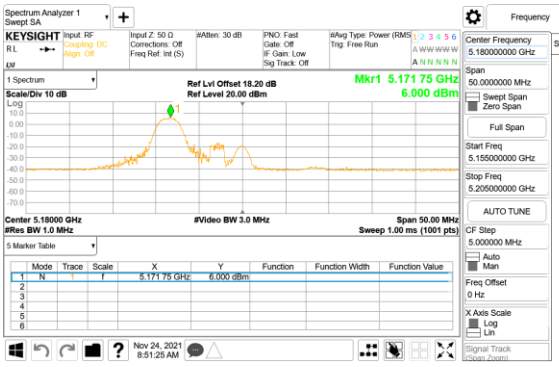
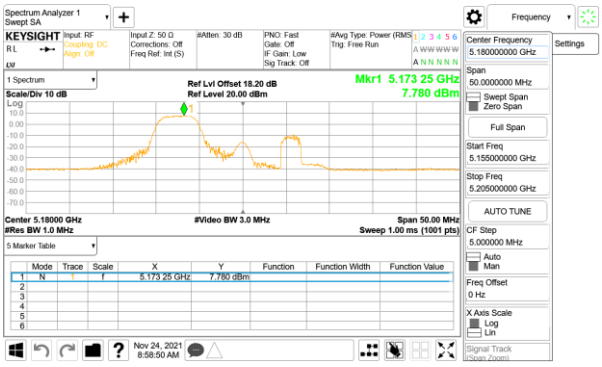
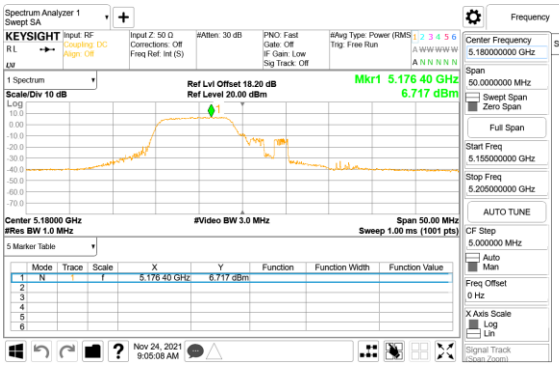
Test Plots

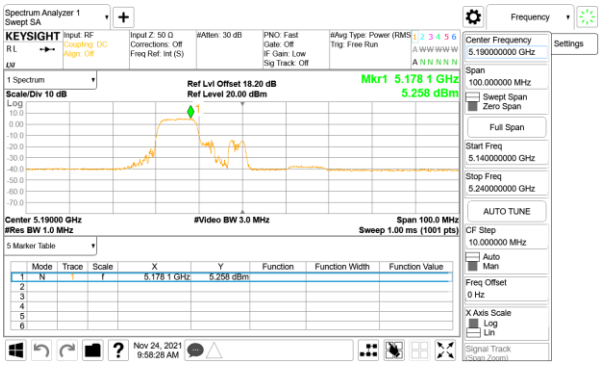
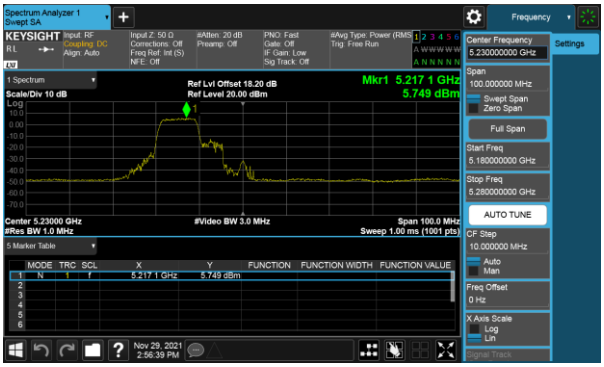
UNII-1 IEEE 802.11a mode- chain 0	
Low CH	**Mid CH**
	
High CH	
	

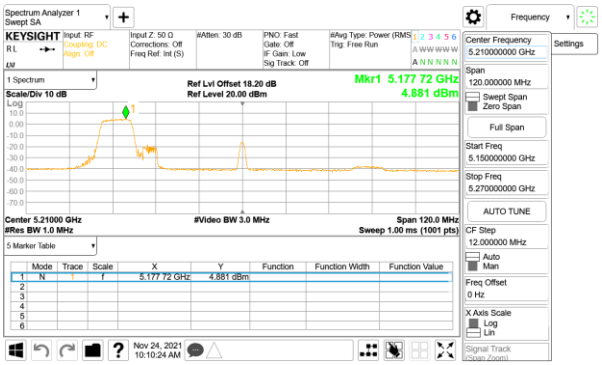
UNII-1 IEEE 802.11n HT20 mode- chain 0	
Low CH	**Mid CH**
	
High CH	
	

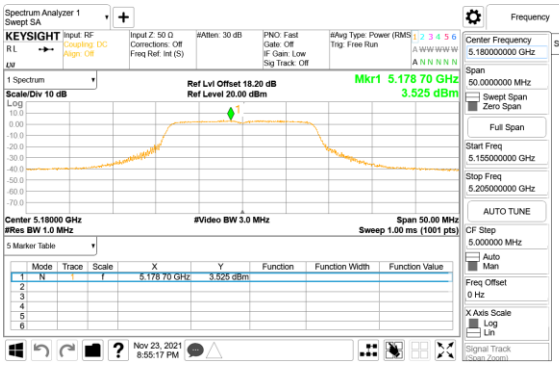
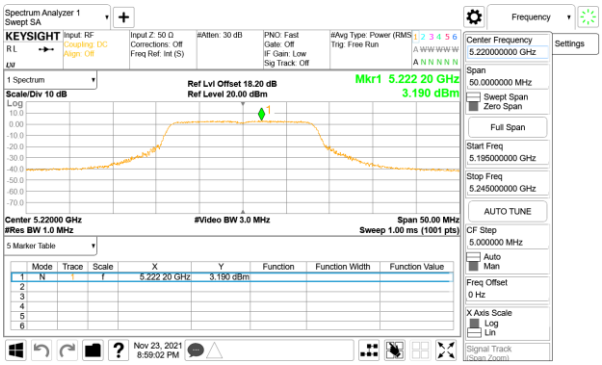
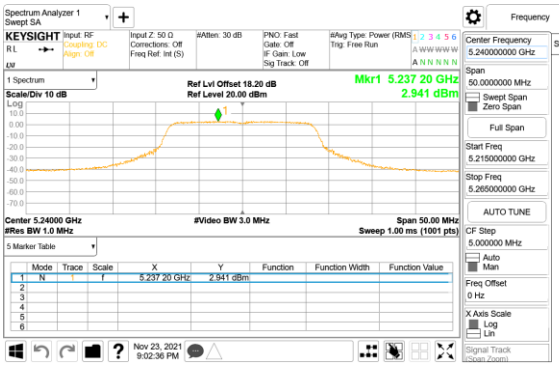
UNII-1 IEEE 802.11n HT40 mode- chain 0	
Low CH	High CH
	

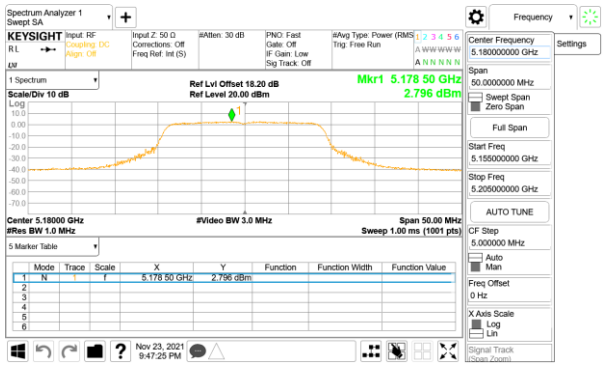
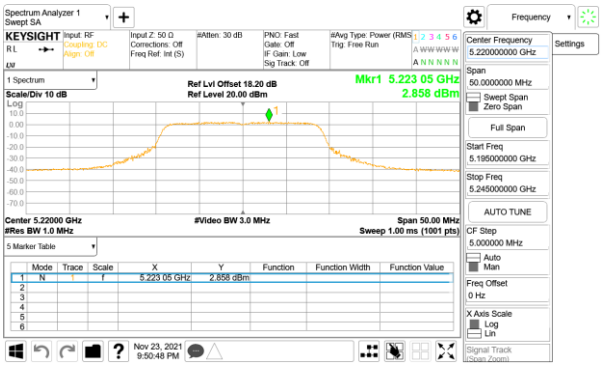
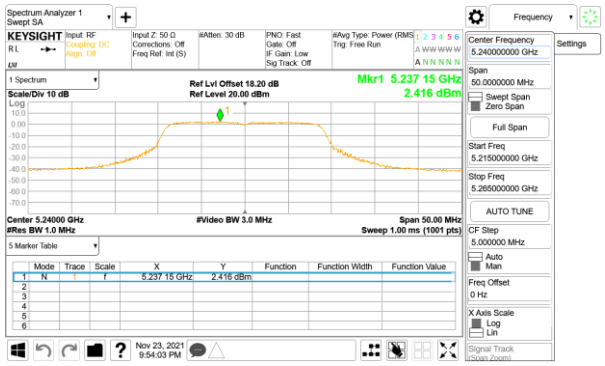
UNII-1 IEEE 802.11ac VHT80 mode- chain 0
Low CH


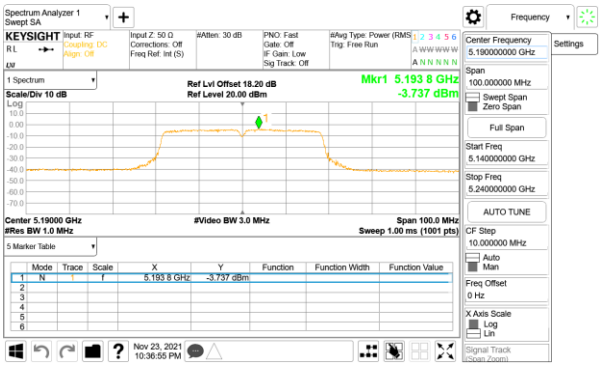
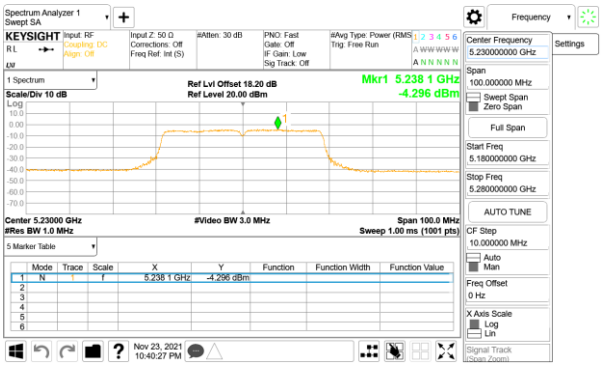
UNII-1 IEEE 802.11ax 20 mode- chain 0	
Low CH RU26_0	**Low CH RU52_37**
	
Low CH RU106_53	**Mid CH**
	
High CH	
	

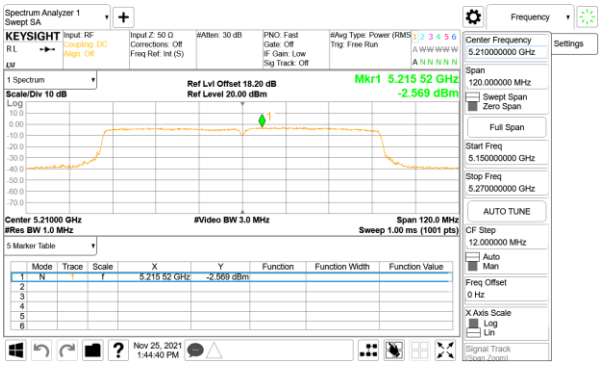
UNII-1 IEEE 802.11ax 40 mode- chain 0	
Low CH	High CH
	

UNII-1 IEEE 802.11ax 80 mode- chain 0	
Low CH	
	

UNII-1 IEEE 802.11a mode- chain 1	
Low CH	**Mid CH**
	
High CH	
	

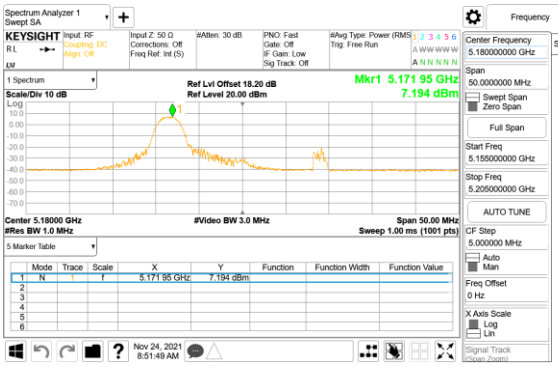
UNII-1 IEEE 802.11n HT20 mode- chain 1	
Low CH	**Mid CH**
	
High CH	
	

UNII-1 IEEE 802.11n HT40 mode- chain 1	
Low CH	**High CH**
	

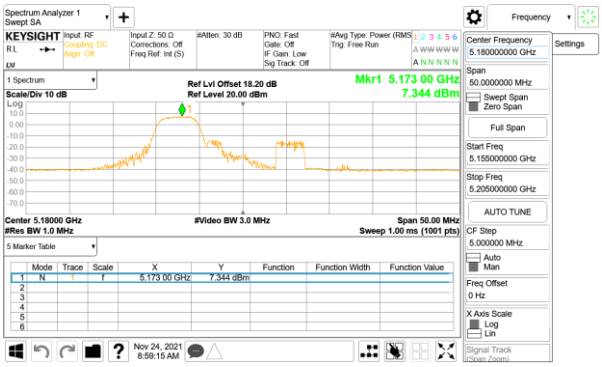
UNII-1 IEEE 802.11ac VHT80 mode- chain 1	
Low CH	
	

UNII-1 IEEE 802.11ax 20 mode- chain 1

Low CH RU26_0



Low CH RU52_37



Low CH RU106_53

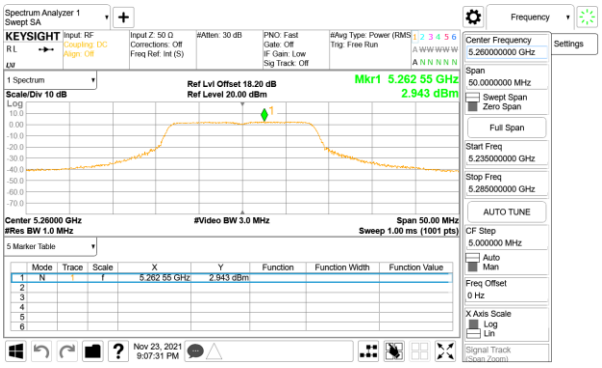
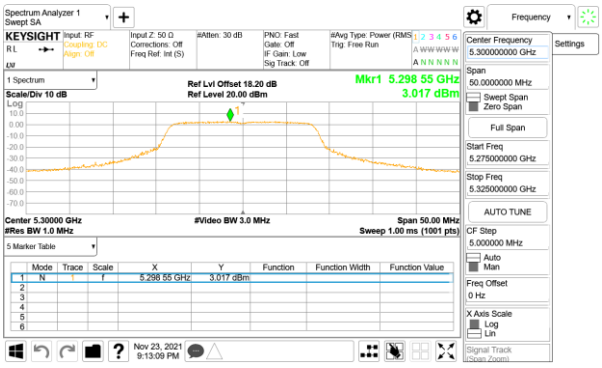
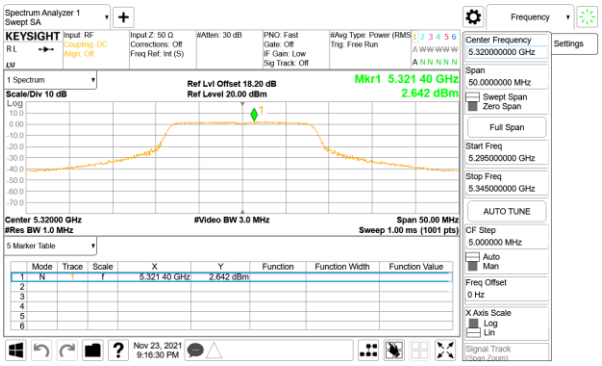
Mid CH

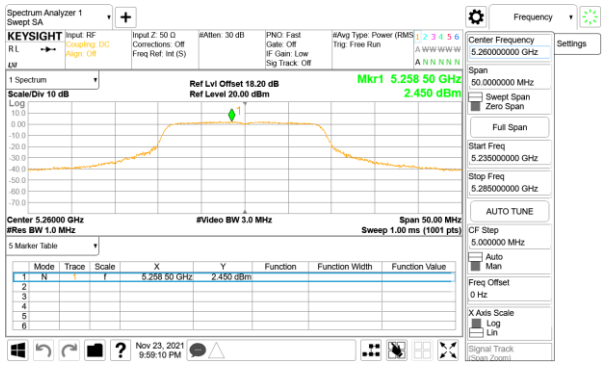
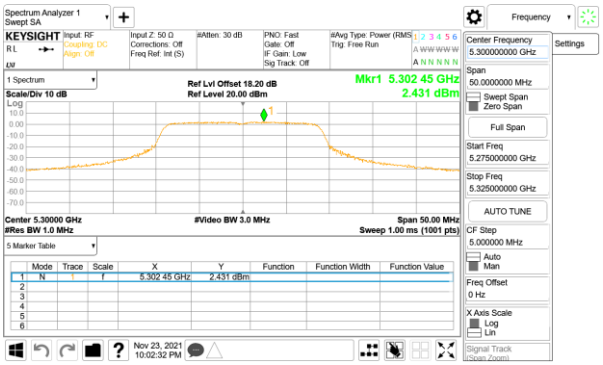
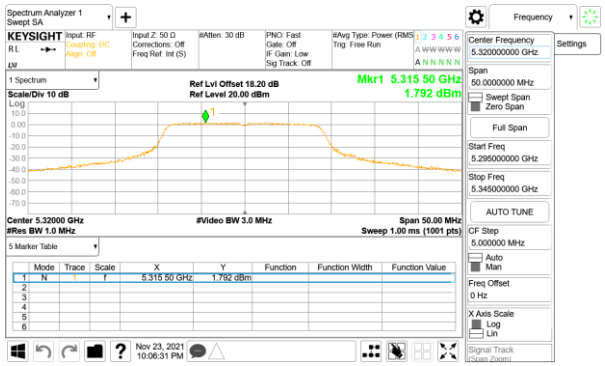
High CH

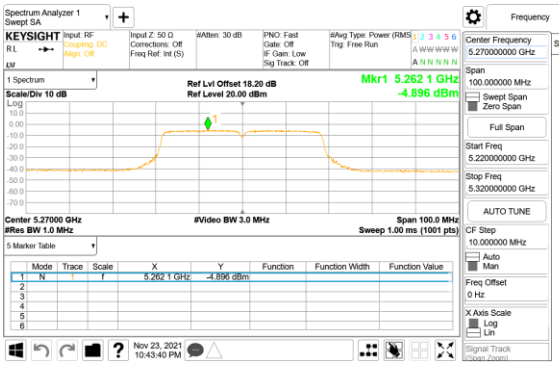
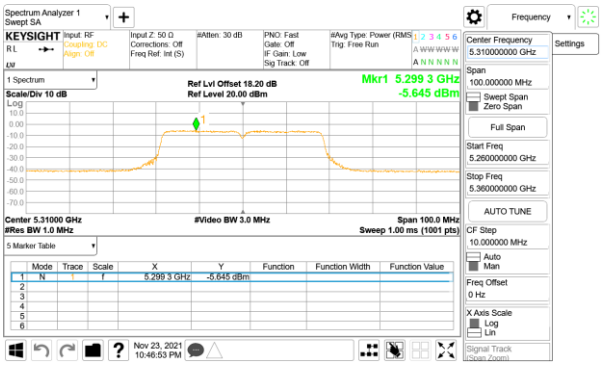
UNII-1 IEEE 802.11ax 40 mode- chain 1	
Low CH	High CH
	

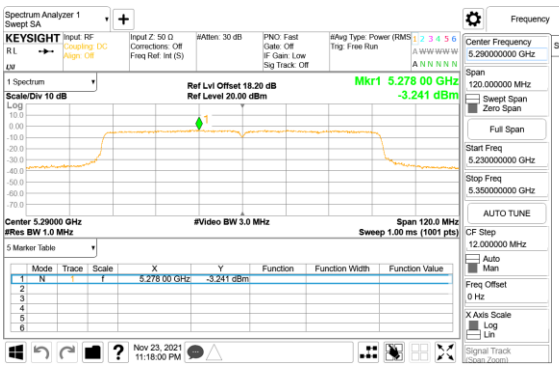
UNII-1 IEEE 802.11ax 80 mode- chain 1	
Low CH	
	

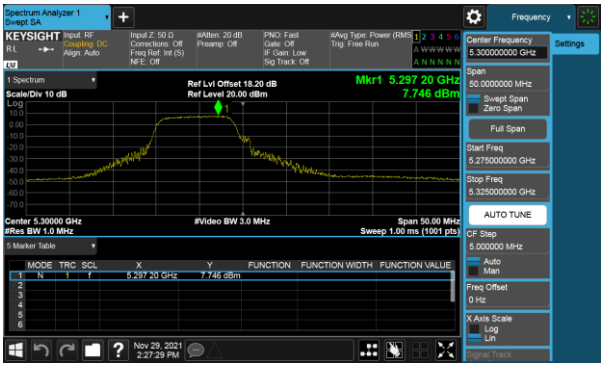
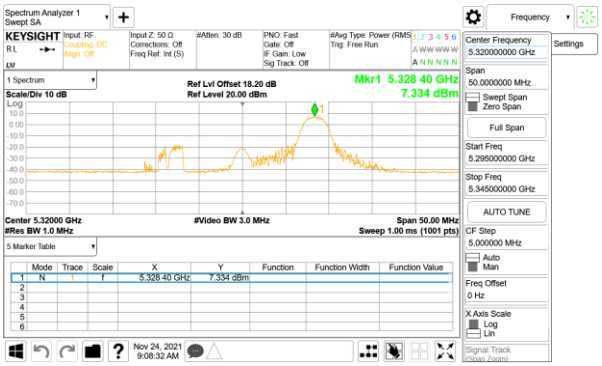
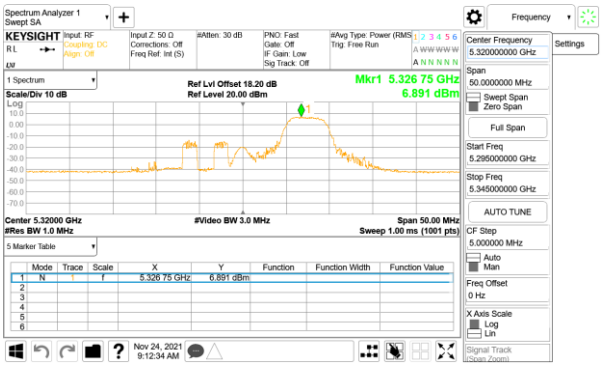
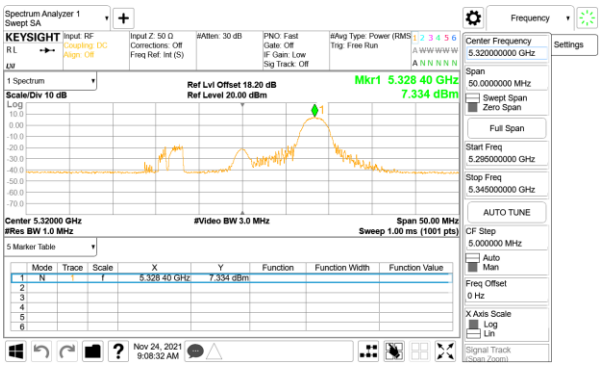
Test Plots

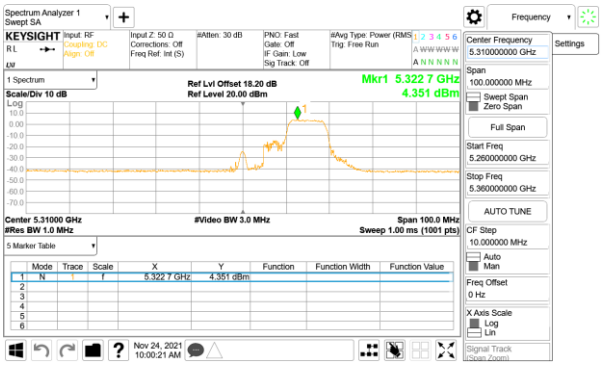
UNII-2a IEEE 802.11a mode- chain 0	
Low CH	**Mid CH**
	
High CH	
	

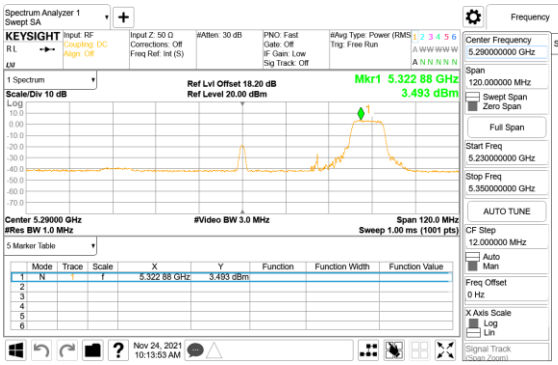
UNII-2a IEEE 802.11n HT20 mode- chain 0	
Low CH	**Mid CH**
	
High CH	
	

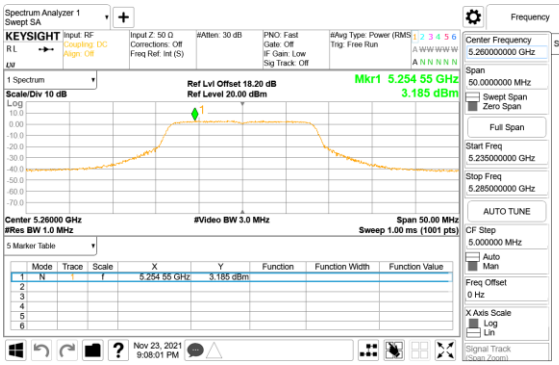
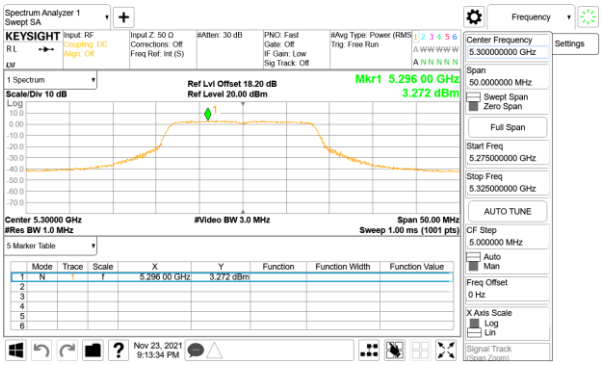
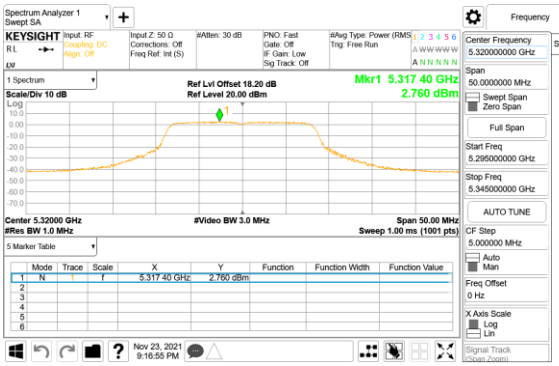
UNII-2a IEEE 802.11n HT40 mode- chain 0	
Low CH	High CH
	

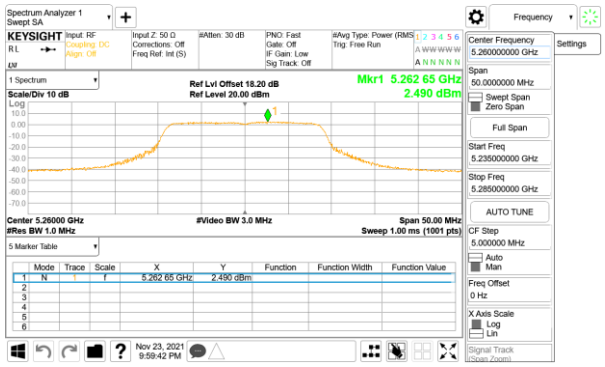
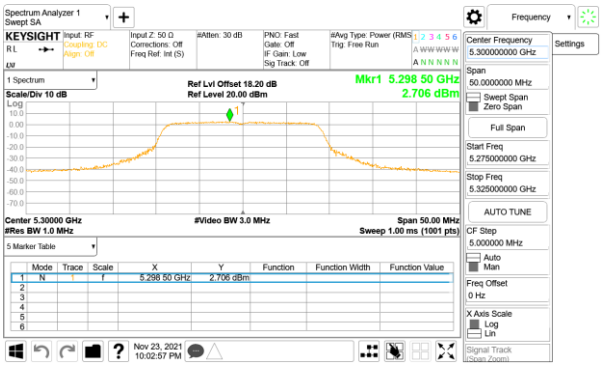
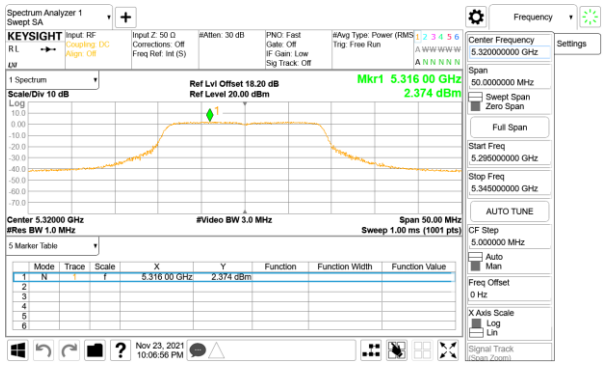
UNII-2a IEEE 802.11ac VHT80 mode- chain 0
Low CH


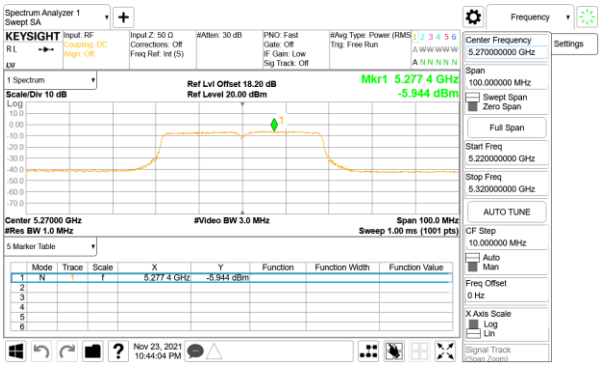
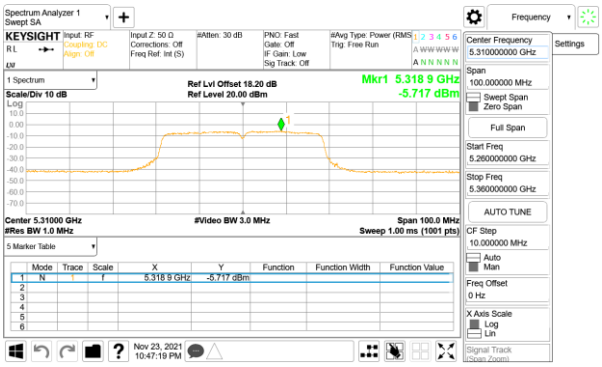
UNII-2a IEEE 802.11ax 20 mode- chain 0	
Low CH	**Mid CH**
	
High CH RU26_8	**High CH RU52_40**
	
High CH RU106_54	
	

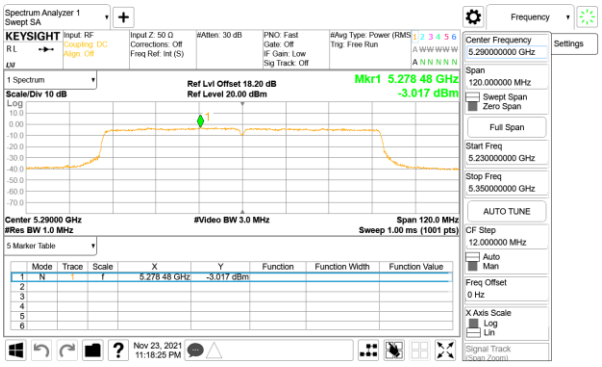
UNII-2a IEEE 802.11ax 40 mode- chain 0	
Low CH	High CH
	

UNII-2a IEEE 802.11ax 80 mode- chain 0
Low CH


UNII-2a IEEE 802.11a mode- chain 1	
Low CH	**Mid CH**
	
High CH	
	

UNII-2a IEEE 802.11n HT20 mode- chain 1	
Low CH	**Mid CH**
	
High CH	
	

UNII-2a IEEE 802.11n HT40 mode- chain 1	
Low CH	**High CH**
	

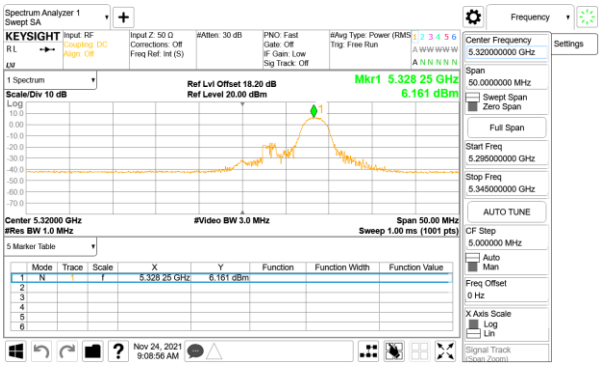
UNII-2a IEEE 802.11ac VHT80 mode- chain 1	
Low CH	
	

UNII-2a IEEE 802.11ax 20 mode- chain 1

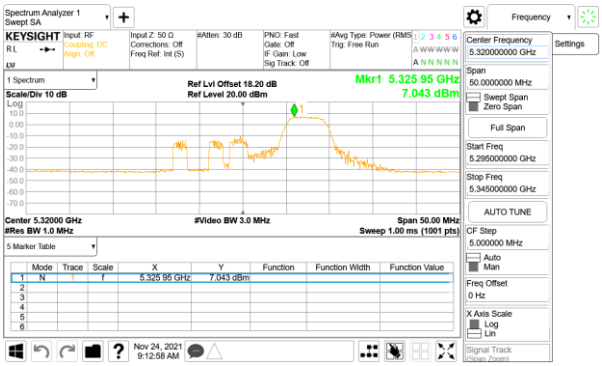
Low CH

Mid CH

High CH RU26_8



High CH RU52_40



High CH RU106_54