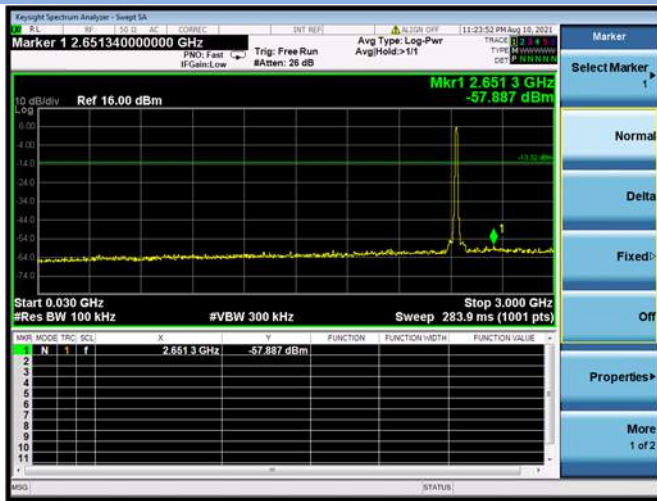
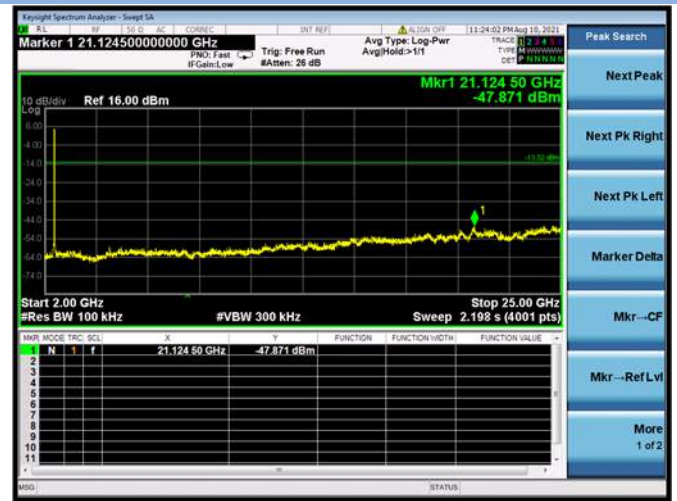


802.11b CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



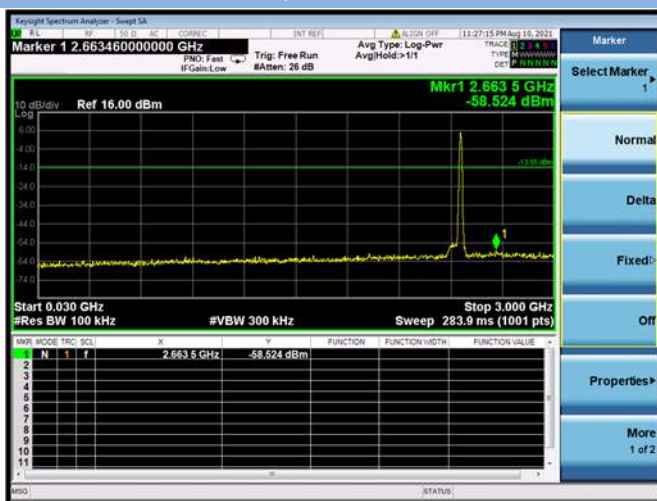
802.11b CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



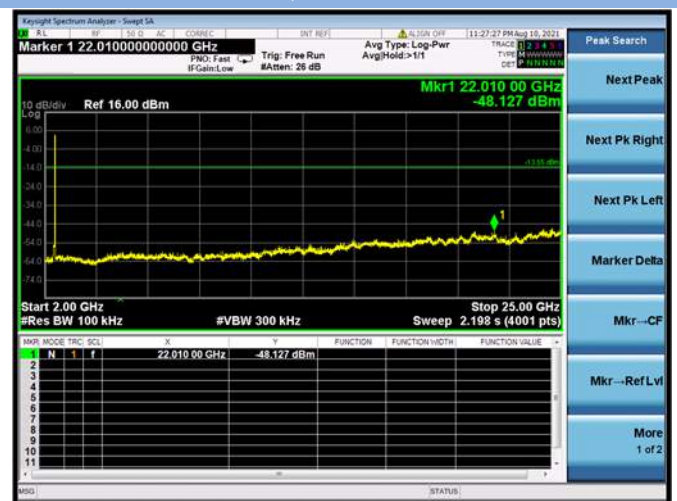
802.11b CHANNEL 11 CARRIER LEVEL



802.11b CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



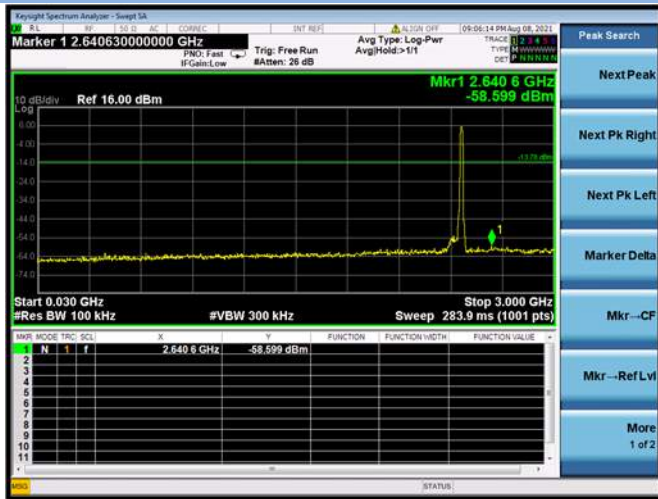
802.11b CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



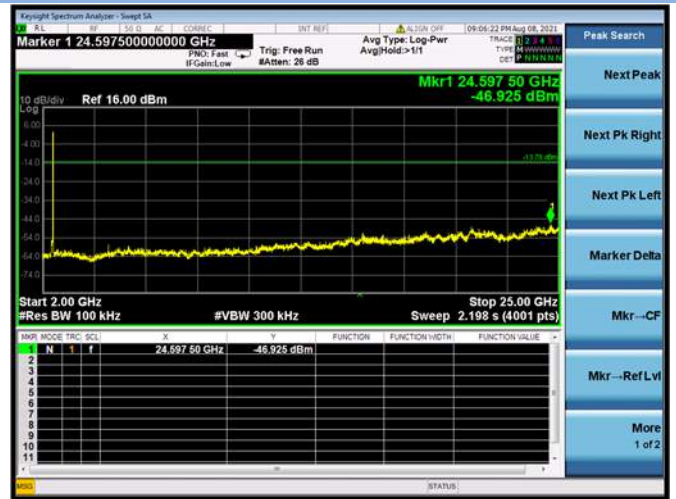
802.11b CHANNEL 12 CARRIER LEVEL



802.11b CHANNEL 12, SPURIOUS 30 MHz ~ 3 GHz



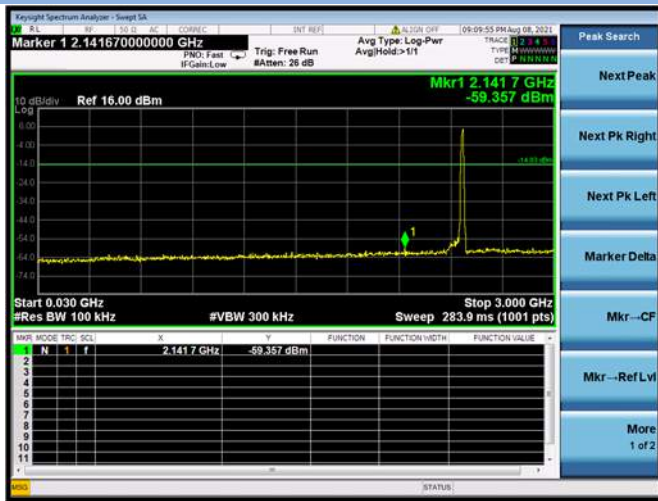
802.11b CHANNEL 12, SPURIOUS 2 GHz ~ 25 GHz



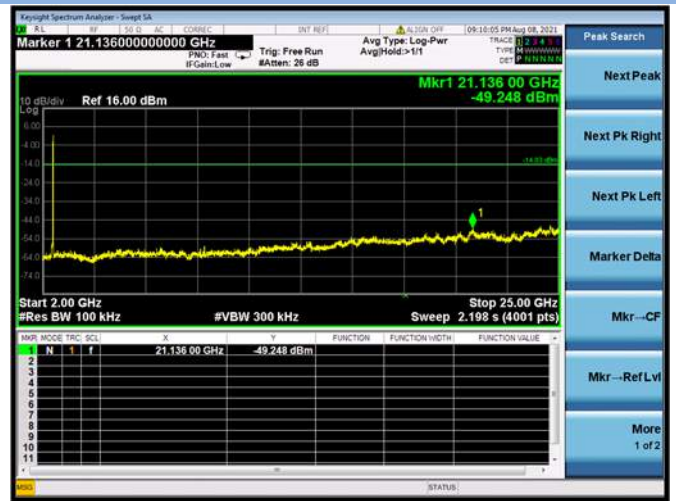
802.11b CHANNEL 13 CARRIER LEVEL



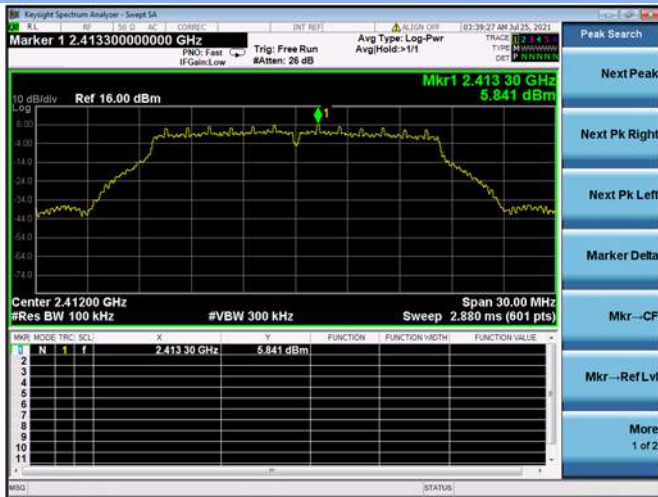
802.11b CHANNEL 13, SPURIOUS 30 MHz ~ 3 GHz



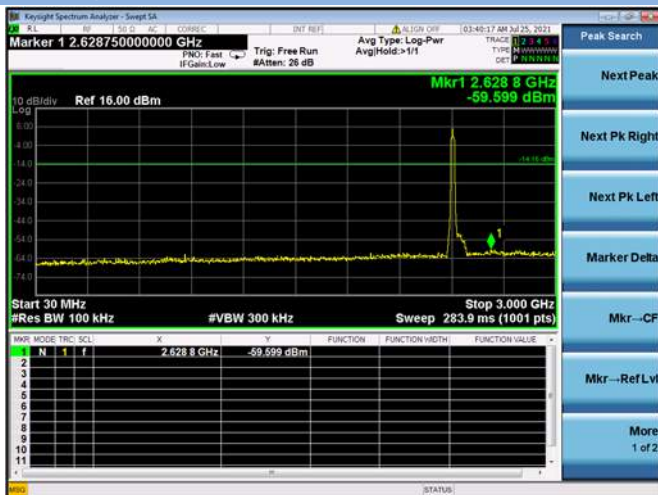
802.11b CHANNEL 13, SPURIOUS 2 GHz ~ 25 GHz



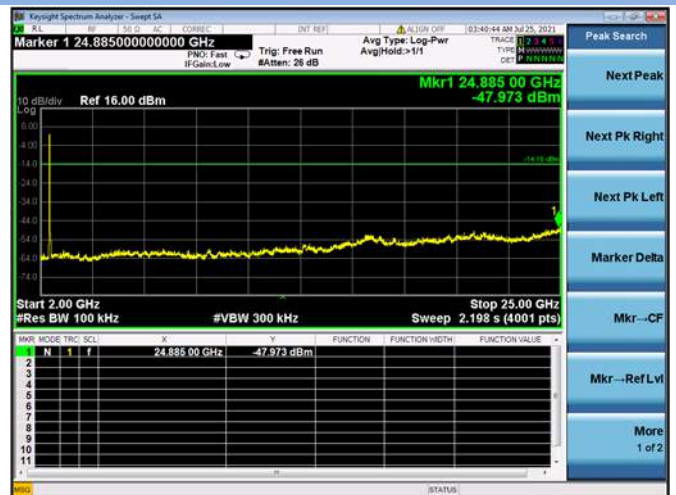
802.11g CHANNEL 1 CARRIER LEVEL



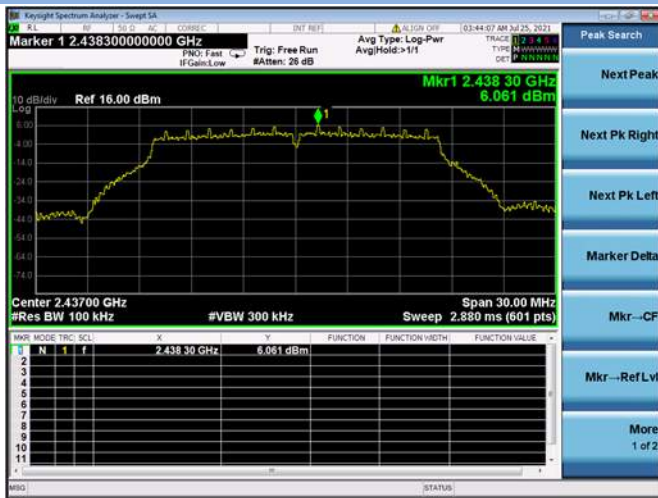
802.11g CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz



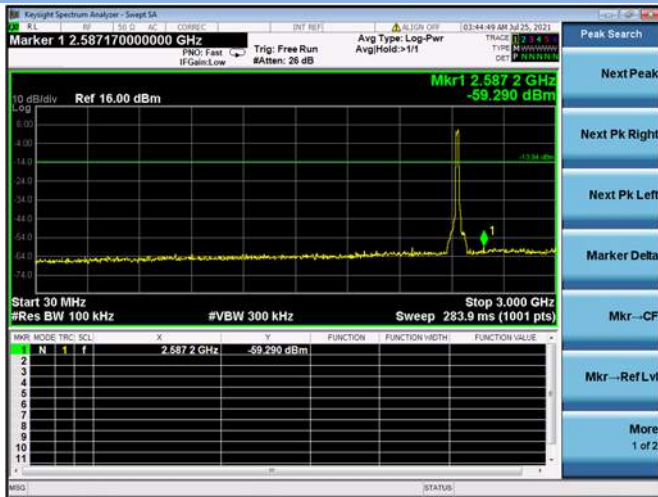
802.11g CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



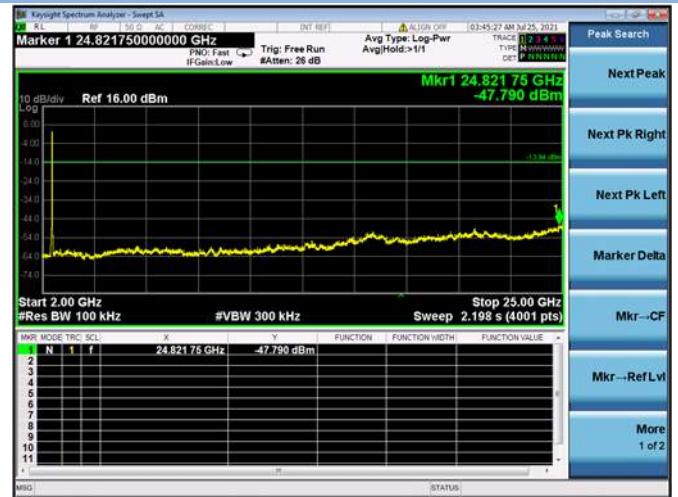
802.11g CHANNEL 6 CARRIER LEVEL



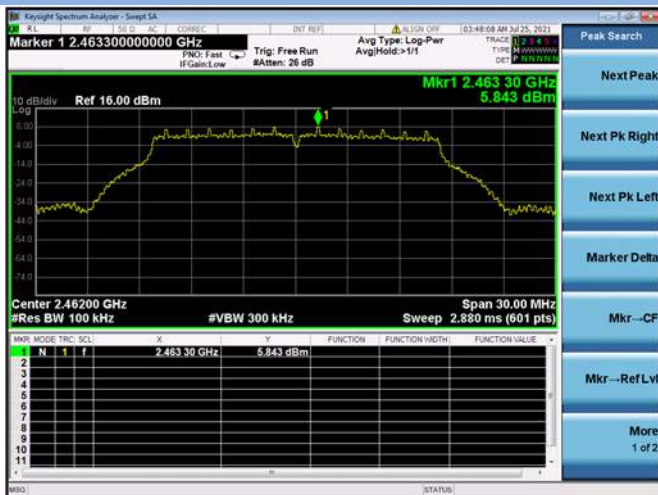
802.11g CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



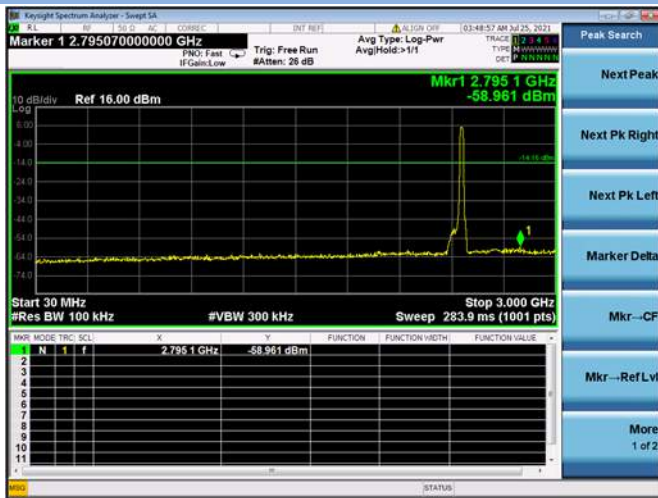
802.11g CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



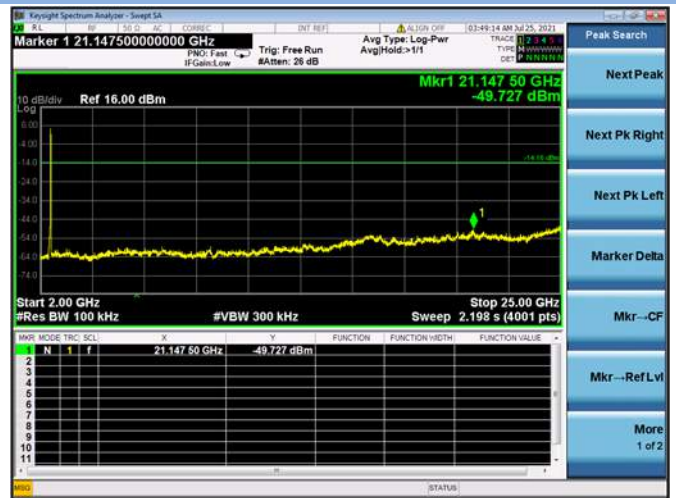
802.11g CHANNEL 11 CARRIER LEVEL



802.11g CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



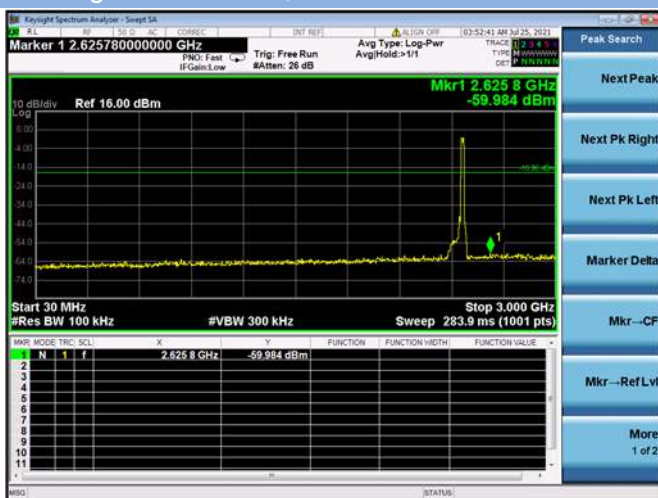
802.11g CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



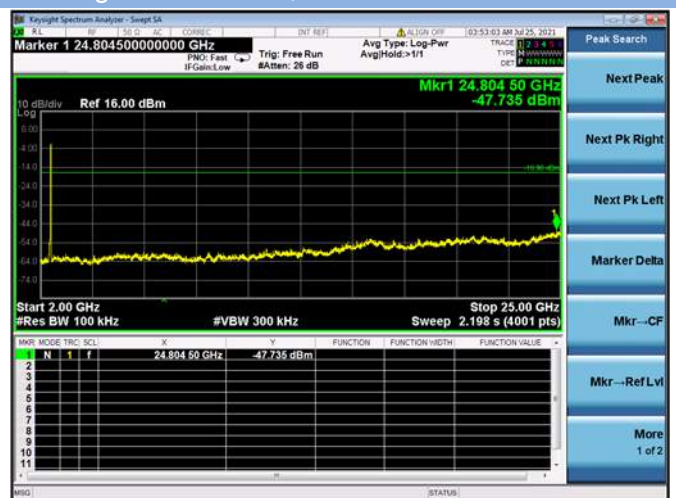
802.11g CHANNEL 12 CARRIER LEVEL



802.11g CHANNEL 12, SPURIOUS 30 MHz ~ 3 GHz



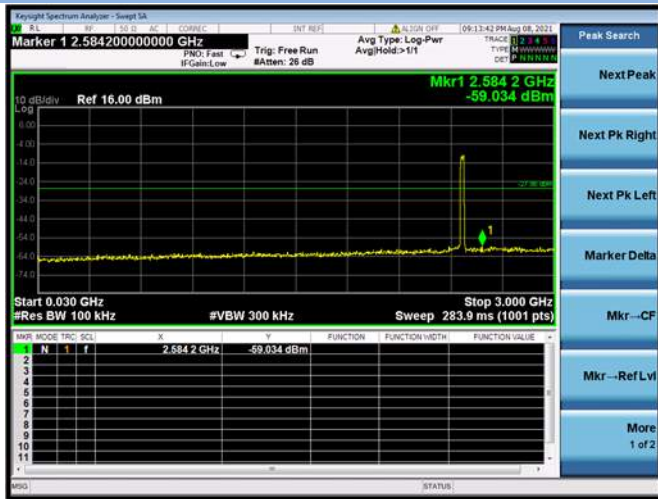
802.11g CHANNEL 12, SPURIOUS 2 GHz ~ 25 GHz



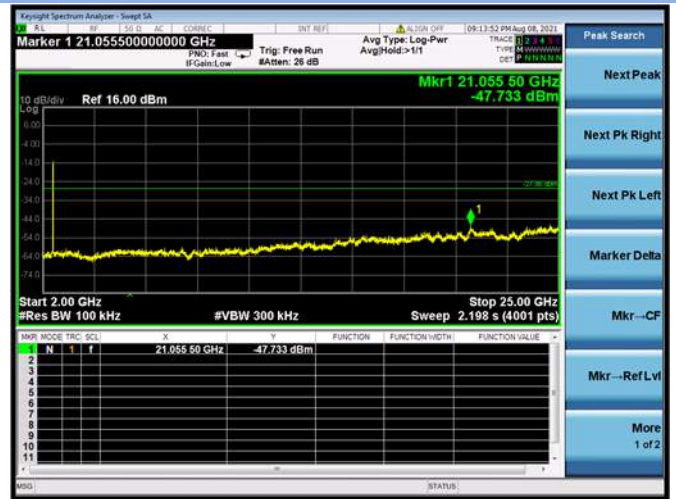
802.11g CHANNEL 13 CARRIER LEVEL



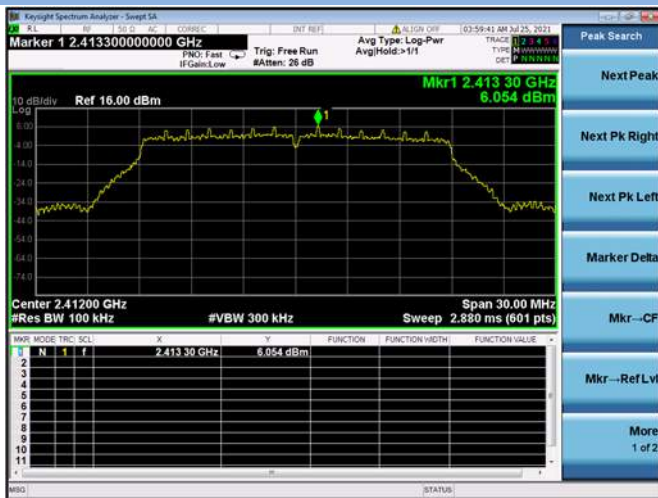
802.11g CHANNEL 13, SPURIOUS 30 MHz ~ 3 GHz



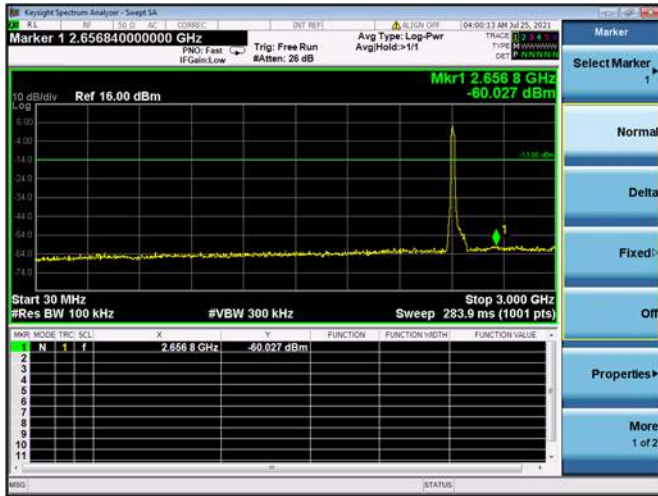
802.11g CHANNEL 13, SPURIOUS 2 GHz ~ 25 GHz



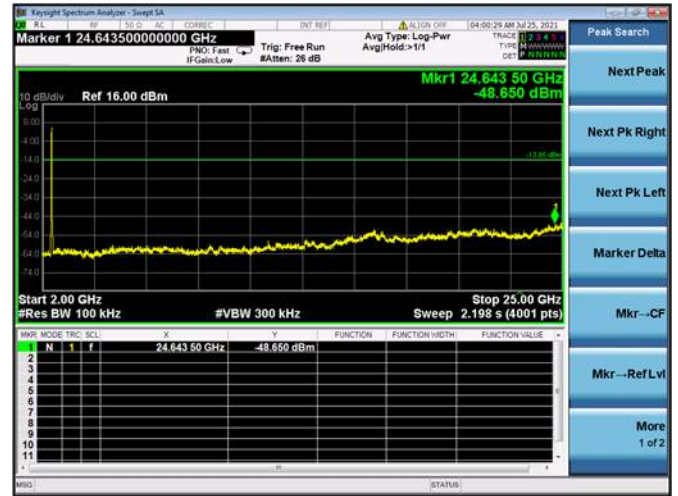
802.11n-20 CHANNEL 1 CARRIER LEVEL



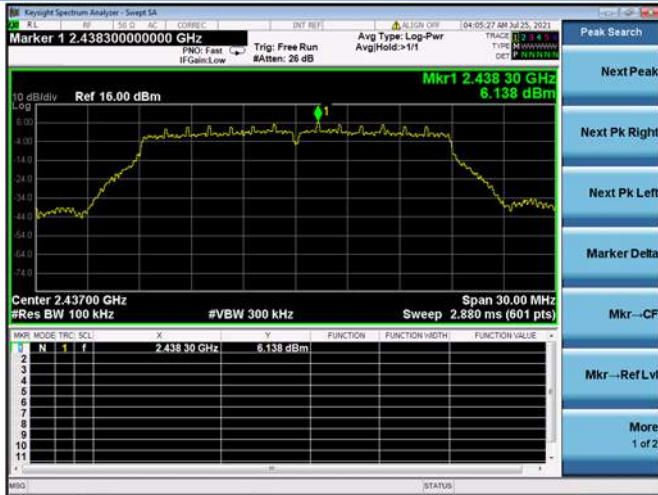
802.11n-20 CHANNEL 1, SPURIOUS
30 MHz ~ 3 GHz



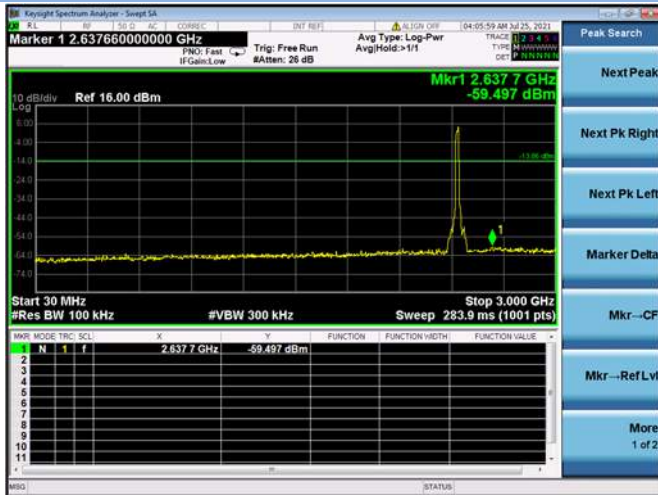
802.11n-20 CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz



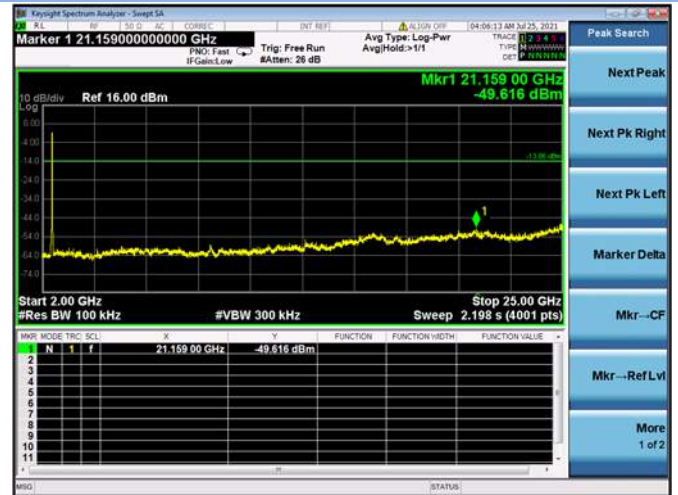
802.11n-20 CHANNEL 6 CARRIER LEVEL



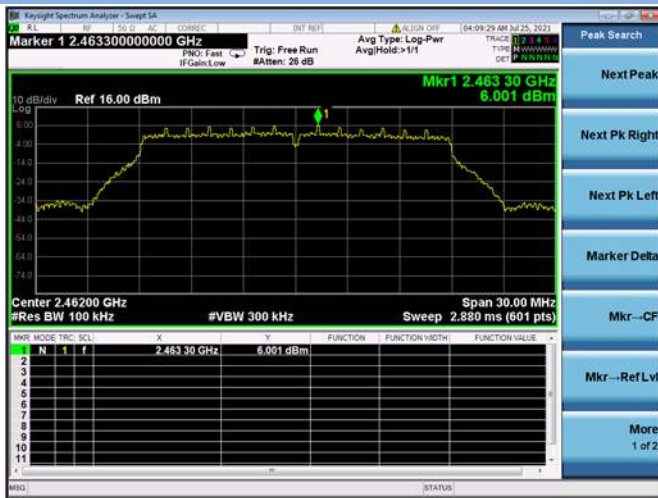
802.11n-20 CHANNEL 6, SPURIOUS
30 MHz ~ 3 GHz



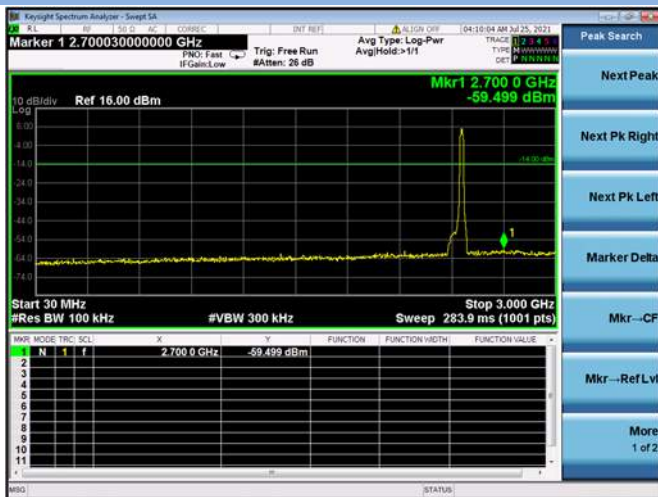
802.11n-20 CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz



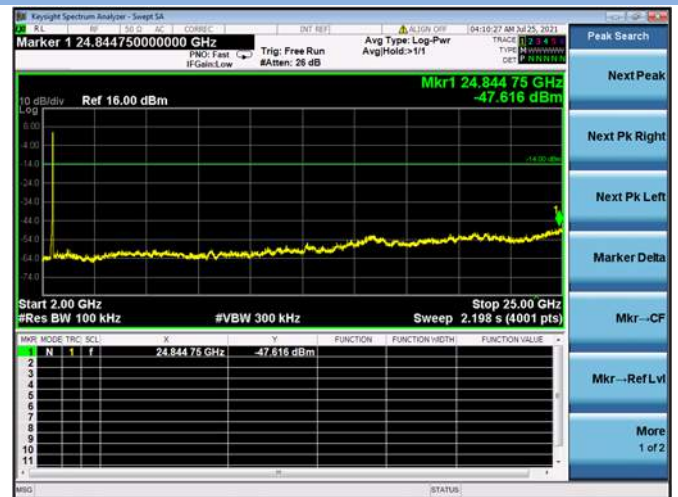
802.11n-20 CHANNEL 11 CARRIER LEVEL



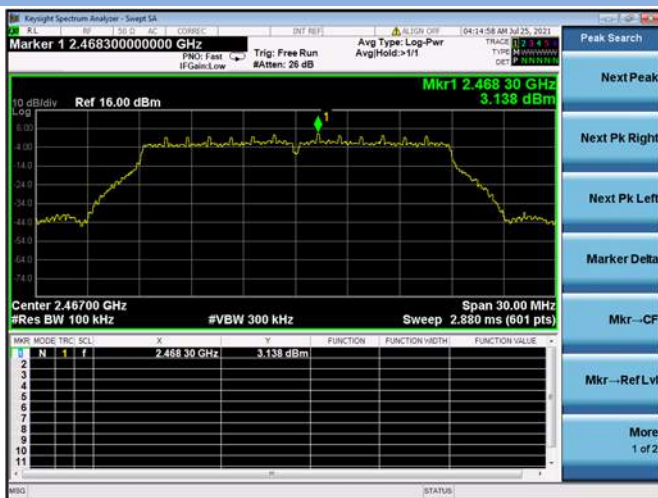
802.11n-20 CHANNEL 11, SPURIOUS
30 MHz ~ 3 GHz



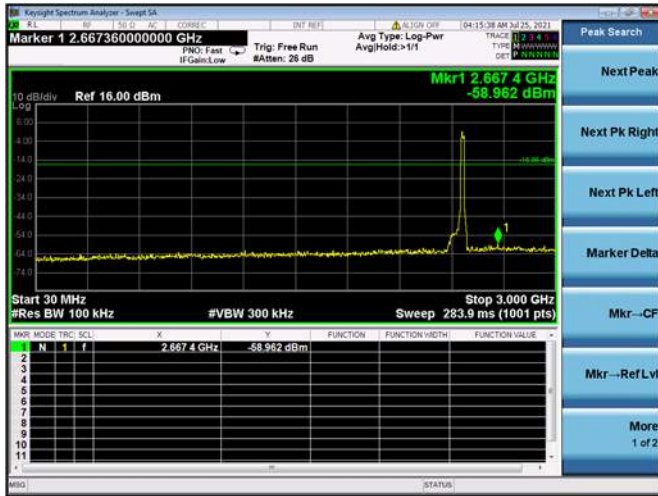
802.11n-20 CHANNEL 11, SPURIOUS
2 GHz ~ 25 GHz



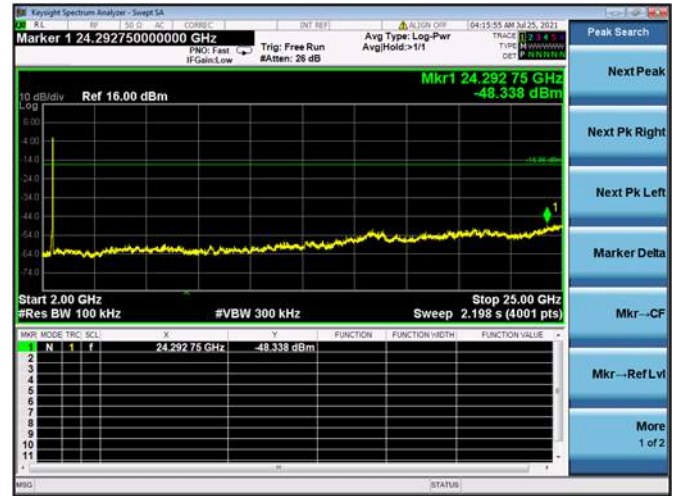
802.11n-20 CHANNEL 12 CARRIER LEVEL



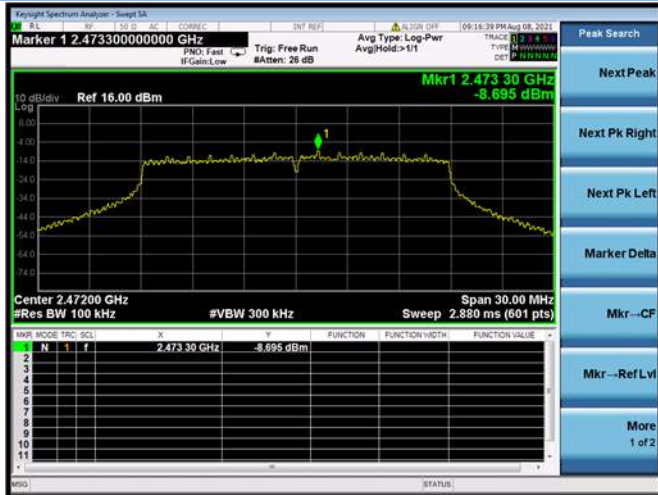
802.11n-20 CHANNEL 12, SPURIOUS
30 MHz ~ 3 GHz



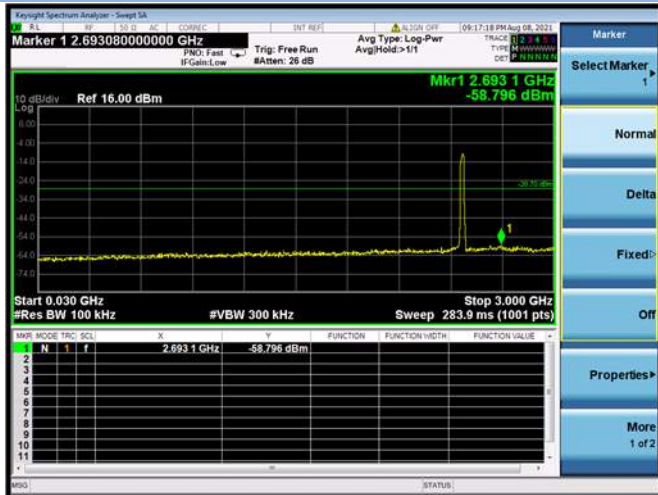
802.11n-20 CHANNEL 12, SPURIOUS
2 GHz ~ 25 GHz



802.11n-20 CHANNEL 13 CARRIER LEVEL



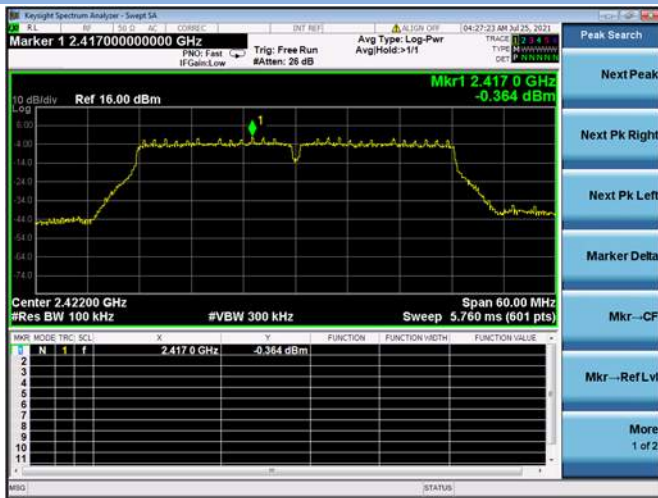
802.11n-20 CHANNEL 13, SPURIOUS
30 MHz ~ 3 GHz



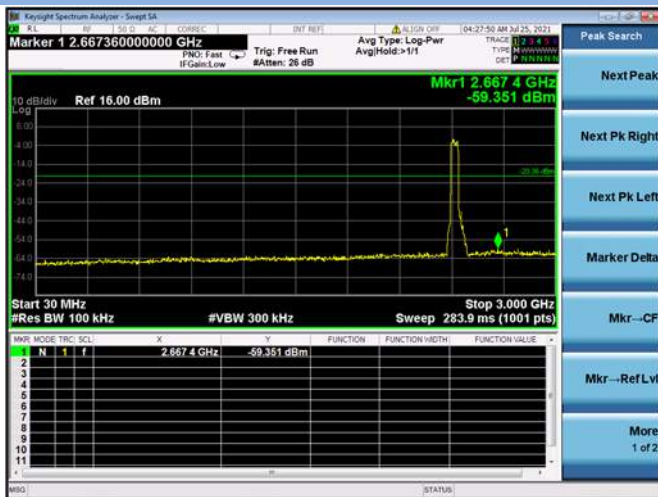
802.11n-20 CHANNEL 13, SPURIOUS
2 GHz ~ 25 GHz



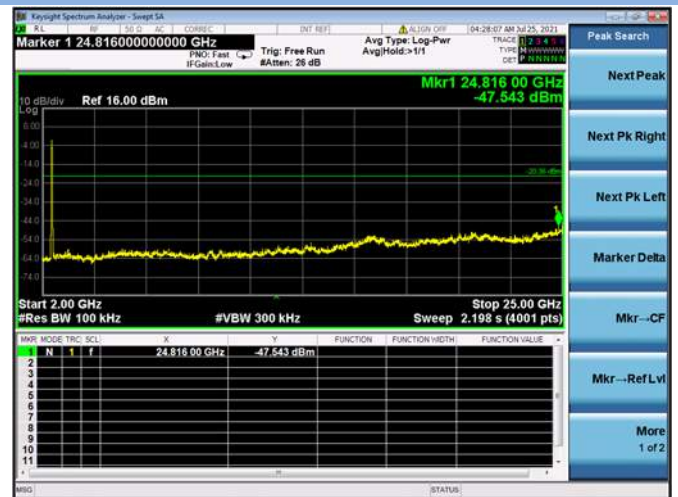
802.11n-40 CHANNEL 3 CARRIER LEVEL



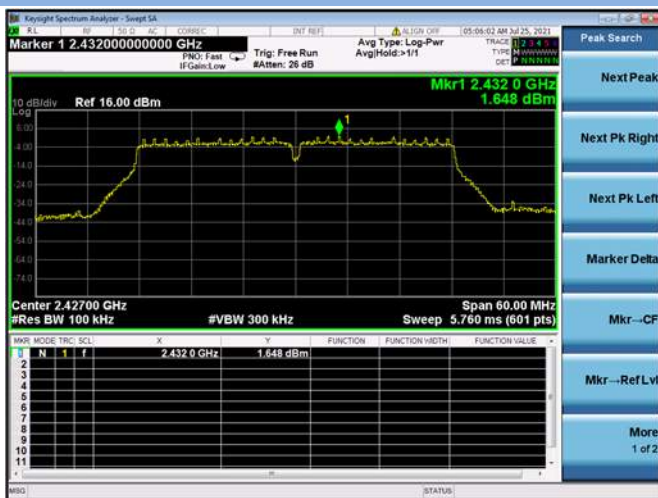
802.11n-40 CHANNEL 3, SPURIOUS 30 MHz ~ 3 GHz



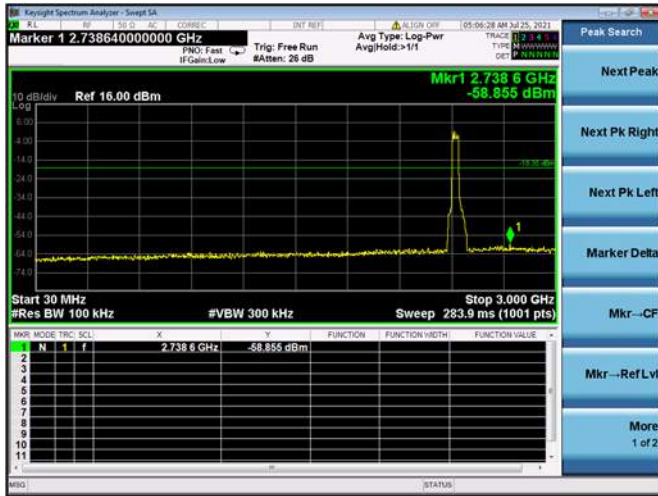
802.11n-40 CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz



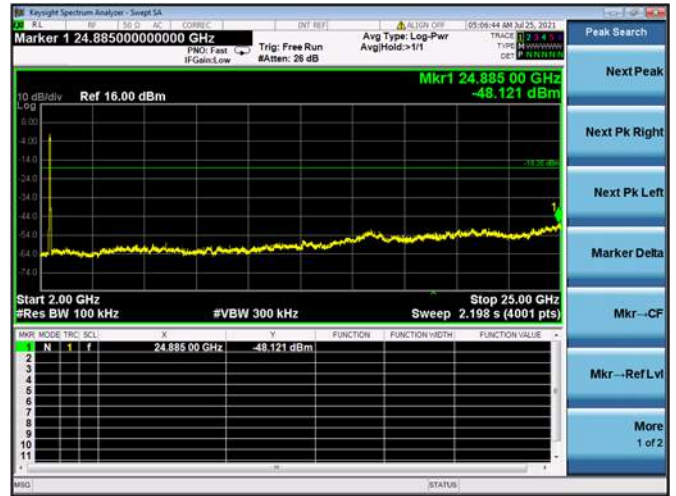
802.11n-40 CHANNEL 4 CARRIER LEVEL



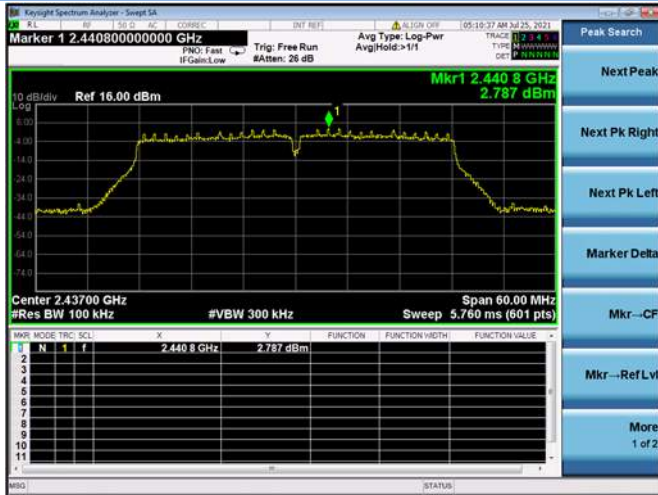
802.11n-40 CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz



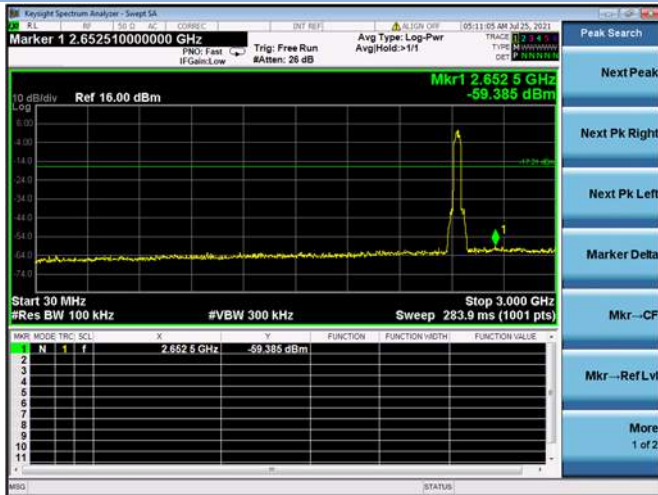
802.11n-40 CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz



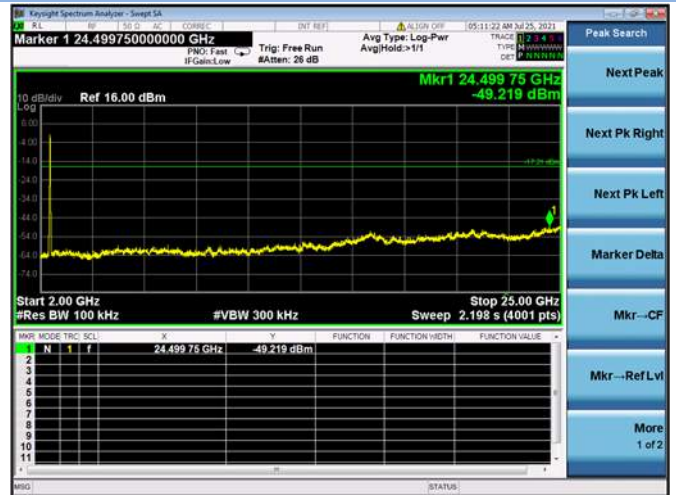
802.11n-40 CHANNEL 6 CARRIER LEVEL



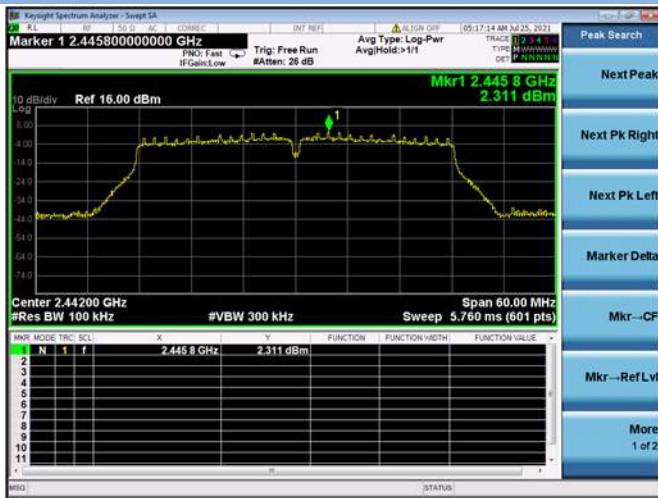
802.11n-40 CHANNEL 6, SPURIOUS
30 MHz ~ 3 GHz



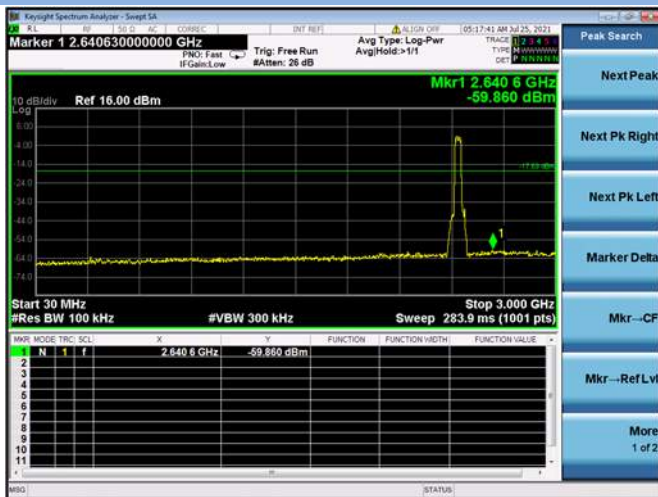
802.11n-40 CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz



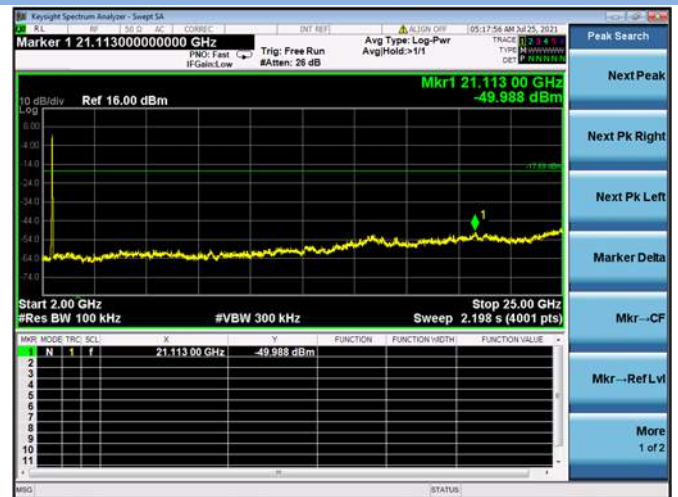
802.11n-40 CHANNEL 7 CARRIER LEVEL



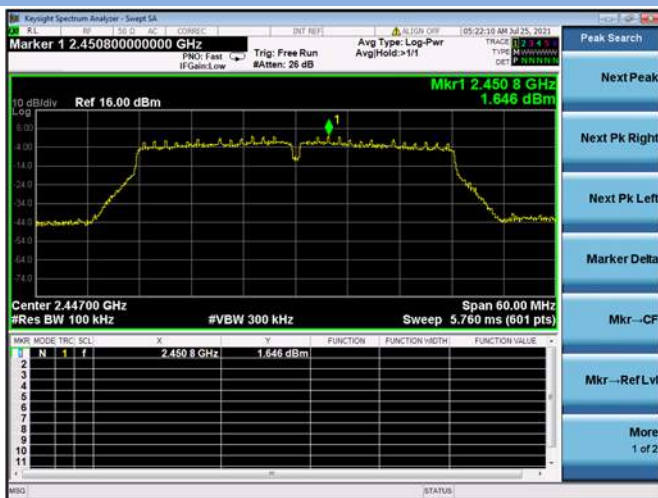
802.11n-40 CHANNEL 7, SPURIOUS 30 MHz ~ 3 GHz



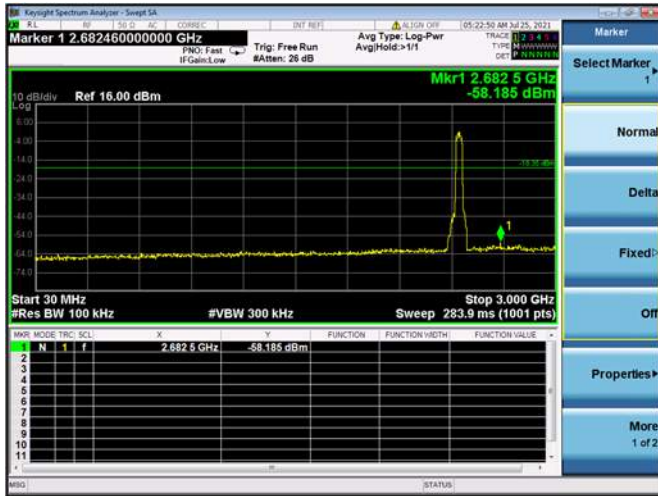
802.11n-40 CHANNEL 7, SPURIOUS 2 GHz ~ 25 GHz



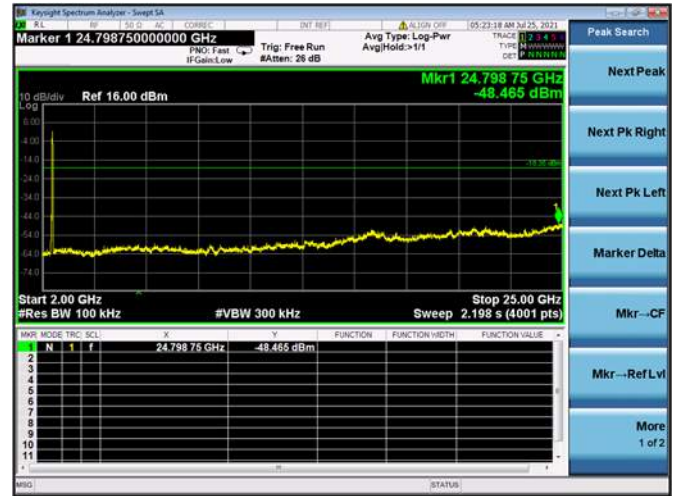
802.11n-40 CHANNEL 8 CARRIER LEVEL



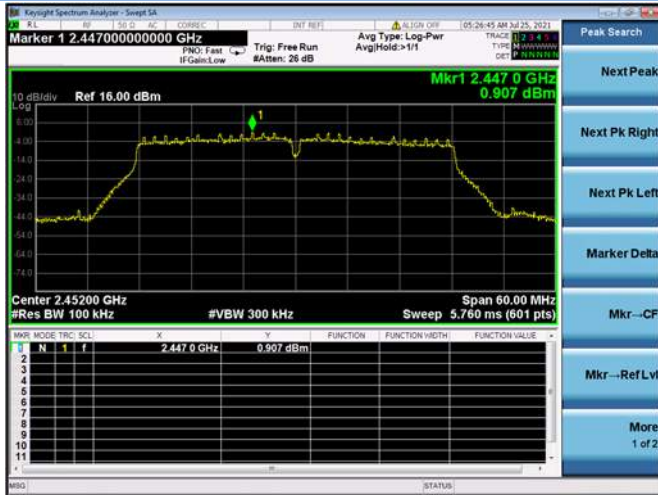
802.11n-40 CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz



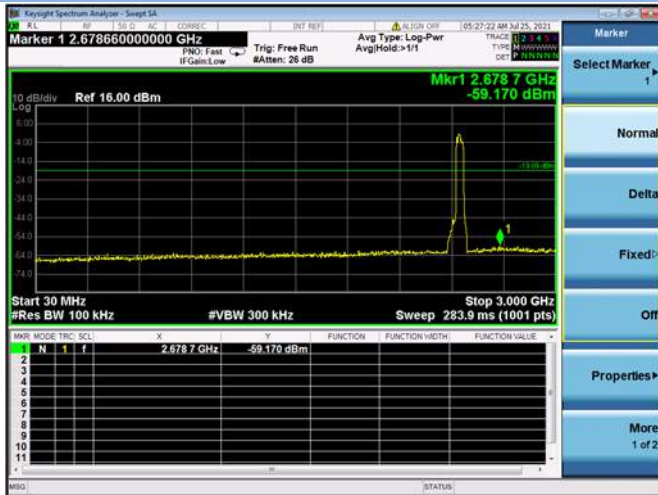
802.11n-40 CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz



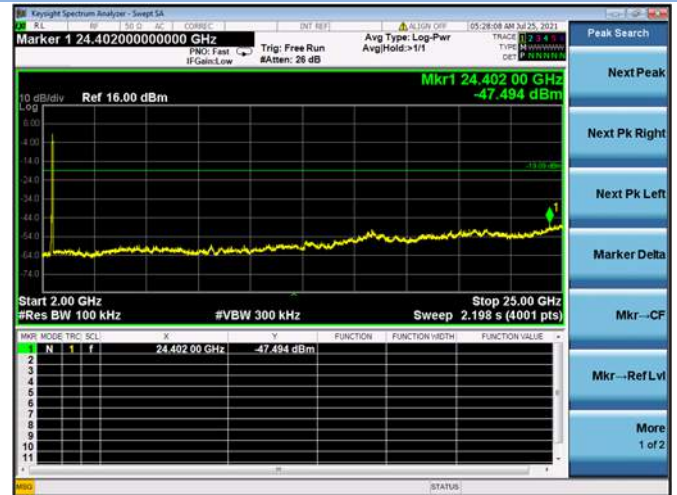
802.11n-40 CHANNEL 9 CARRIER LEVEL



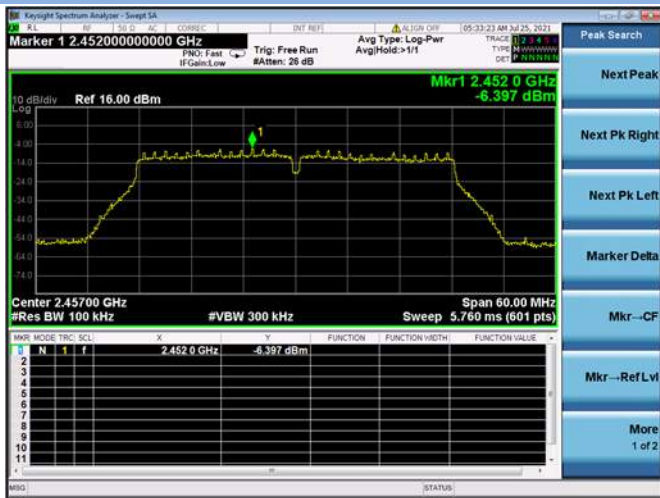
802.11n-40 CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz



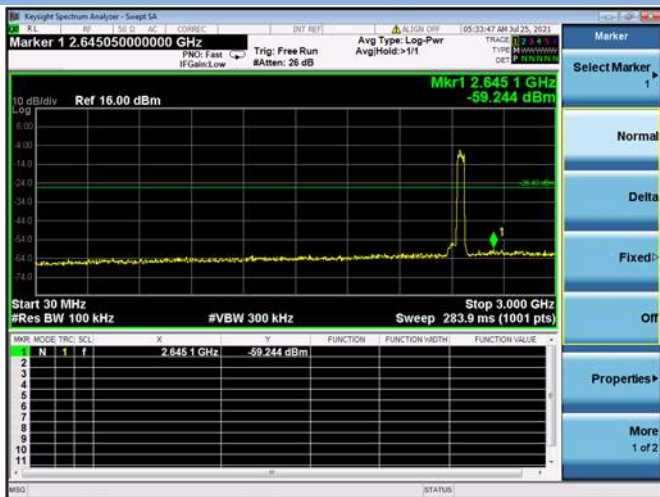
802.11n-40 CHANNEL 9, SPURIOUS
2 GHz ~ 25 GHz



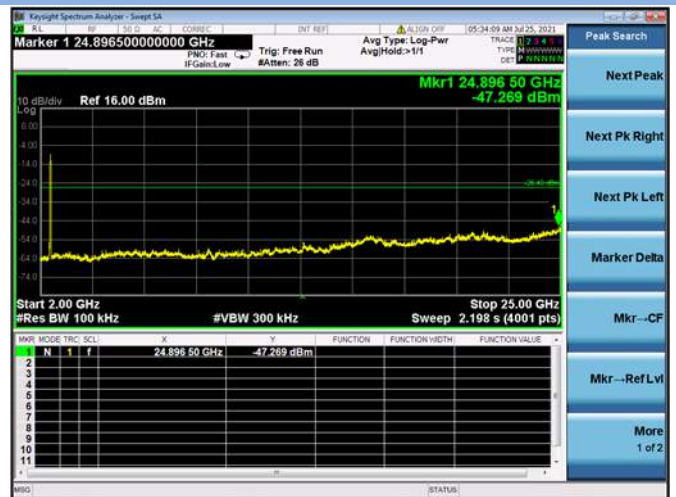
802.11n-40 CHANNEL 10 CARRIER LEVEL



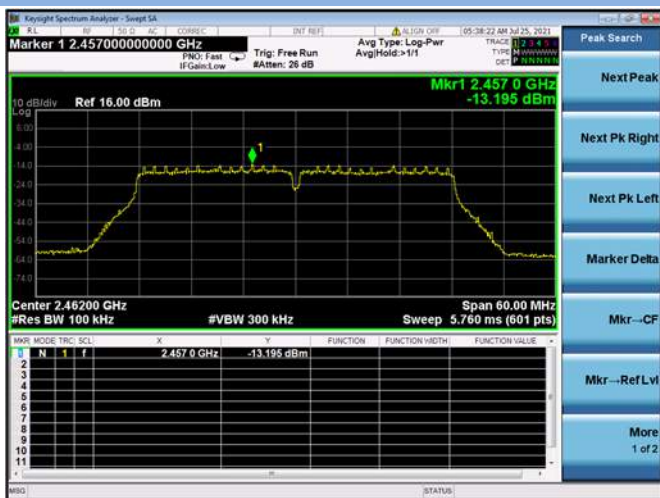
802.11n-40 CHANNEL 10, SPURIOUS
30 MHz ~ 3 GHz



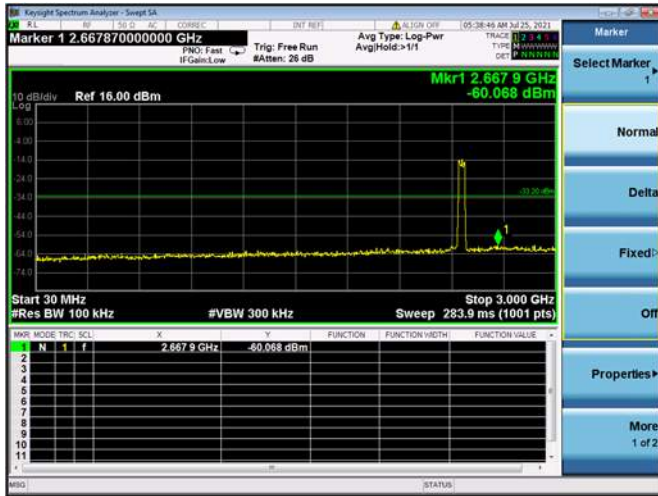
802.11n-40 CHANNEL 10, SPURIOUS
2 GHz ~ 25 GHz



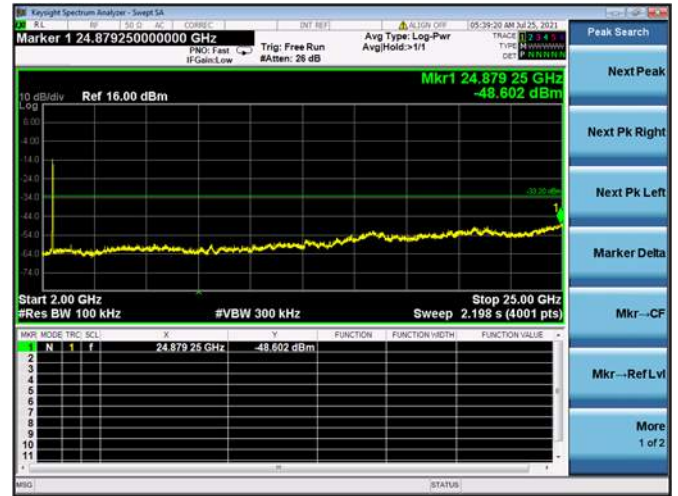
802.11n-40 CHANNEL 11 CARRIER LEVEL



802.11n-40 CHANNEL 11, SPURIOUS
30 MHz ~ 3 GHz



802.11n-40 CHANNEL 11, SPURIOUS
2 GHz ~ 25 GHz



A.4 Band Edge (Authorized-band band-edge)

Test Data

Note: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Main Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-40.30	6.78	-13.22	Pass
11	-56.57	6.63	-13.37	Pass
12	-50.31	5.21	-14.79	Pass
13	-48.34	5.72	-14.28	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-38.20	6.60	-13.40	Pass
11	-47.21	6.47	-13.53	Pass
12	-48.80	4.00	-16.00	Pass
13	-52.56	-6.99	-26.99	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-37.54	6.48	-13.53	Pass
11	-46.36	6.63	-13.37	Pass
12	-47.56	4.20	-15.80	Pass
13	-51.06	-6.87	-26.87	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-39.16	0.22	-19.78	Pass
4	-41.01	2.49	-17.51	Pass
7	-51.31	3.22	-16.78	Pass
8	-51.25	2.29	-17.71	Pass
9	-48.28	1.28	-18.72	Pass
10	-56.23	-6.23	-26.23	Pass
11	-50.32	-12.87	-32.87	Pass

Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-40.14	6.44	-13.56	Pass
11	-57.18	6.45	-13.55	Pass
12	-46.90	6.22	-13.78	Pass
13	-47.19	5.17	-14.83	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-40.93	5.84	-14.16	Pass
11	-48.51	5.84	-14.16	Pass
12	-48.04	3.04	-16.96	Pass
13	-52.00	-7.96	-27.96	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-38.48	6.05	-13.95	Pass
11	-47.11	6.00	-14.00	Pass
12	-47.73	3.14	-16.86	Pass
13	-51.24	-8.70	-28.70	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-39.72	-0.36	-20.36	Pass
4	-42.63	1.65	-18.35	Pass
7	-49.57	2.31	-17.69	Pass
8	-48.86	1.65	-18.35	Pass
9	-48.46	0.91	-19.09	Pass
10	-56.40	-6.40	-26.40	Pass
11	-49.78	-13.20	-33.20	Pass

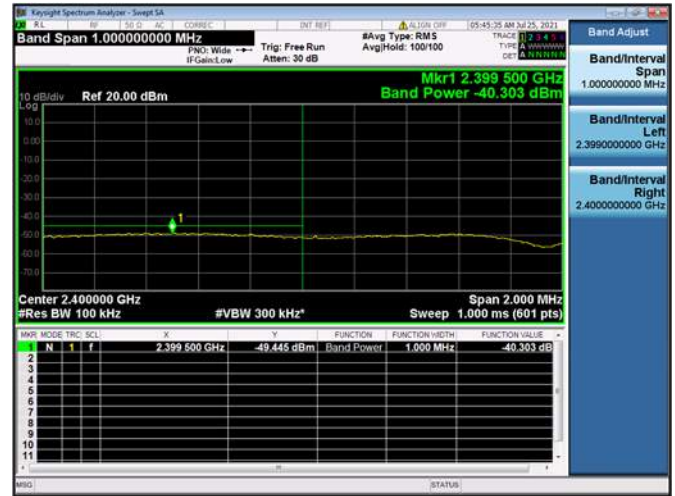
Test Plots

Main Antenna

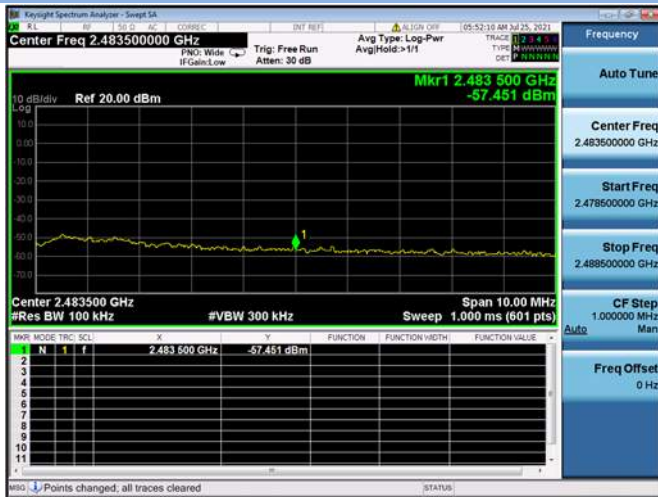
802.11b CHANNEL 1, Carrier level



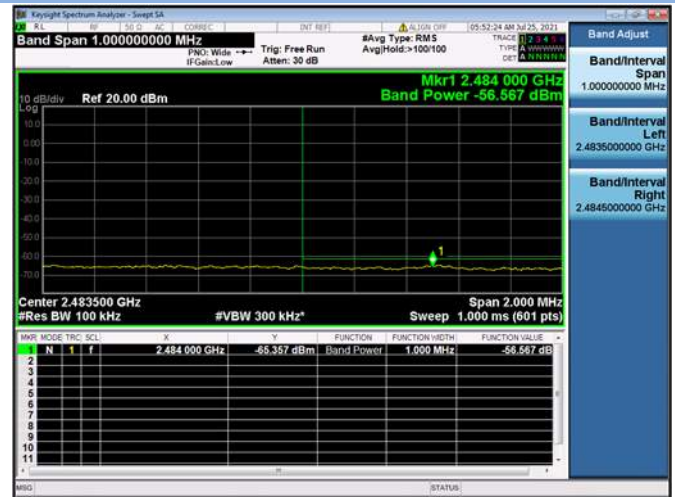
802.11b CHANNEL 1, Reference level



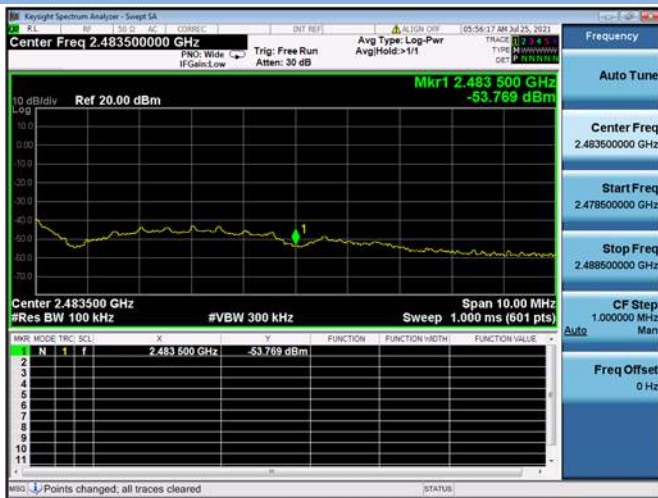
802.11b CHANNEL 11, Carrier level



802.11b CHANNEL 11, Reference level



802.11b CHANNEL 12, Carrier level



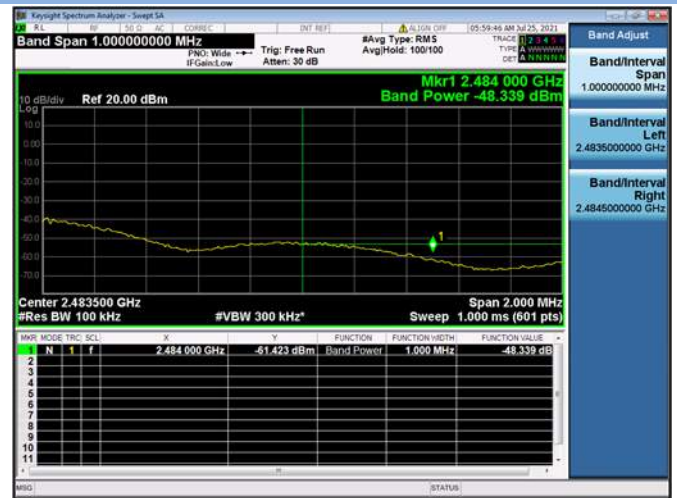
802.11b CHANNEL 12, Reference level



802.11b CHANNEL 13, Carrier level



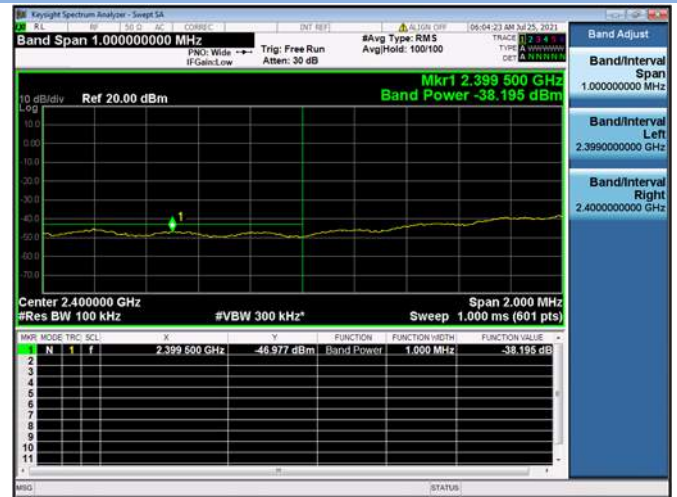
802.11b CHANNEL 13, Reference level



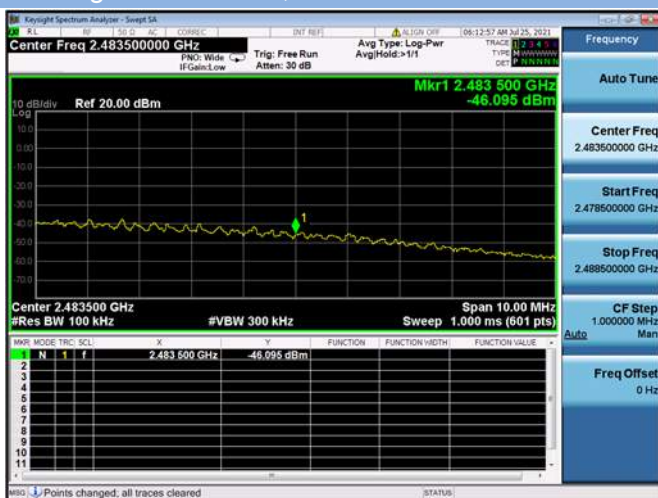
802.11g CHANNEL 1, Carrier level



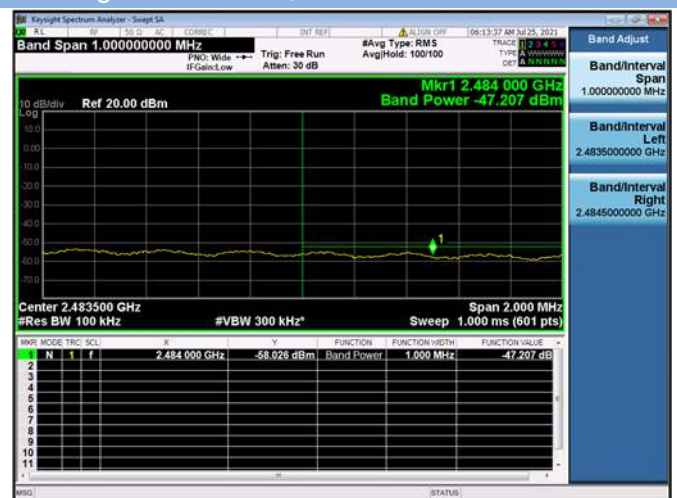
802.11g CHANNEL 1, Reference level



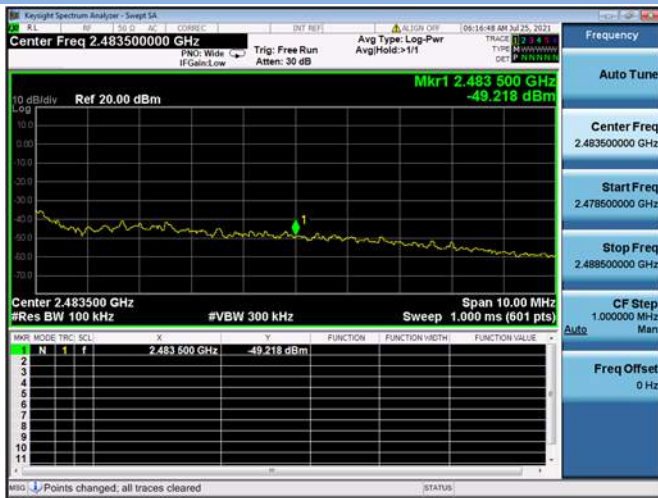
802.11g CHANNEL 11, Carrier level



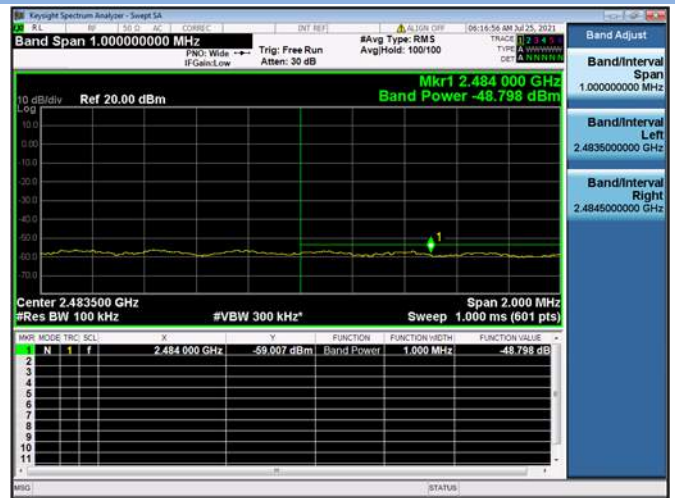
802.11g CHANNEL 11, Reference level



802.11g CHANNEL 12, Carrier level



802.11g CHANNEL 12, Reference level



802.11g CHANNEL 13, Carrier level



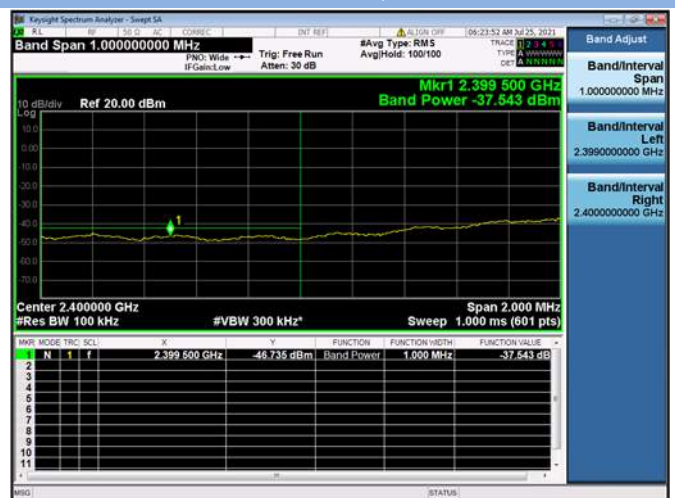
802.11g CHANNEL 13, Reference level



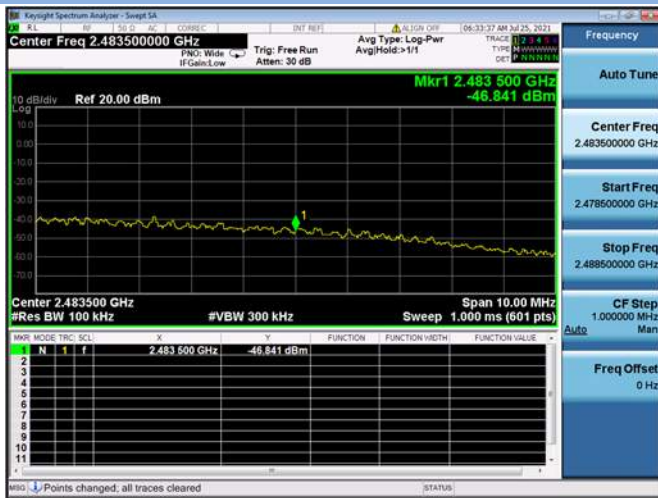
802.11n-20 MHz CHANNEL 1, Carrier level



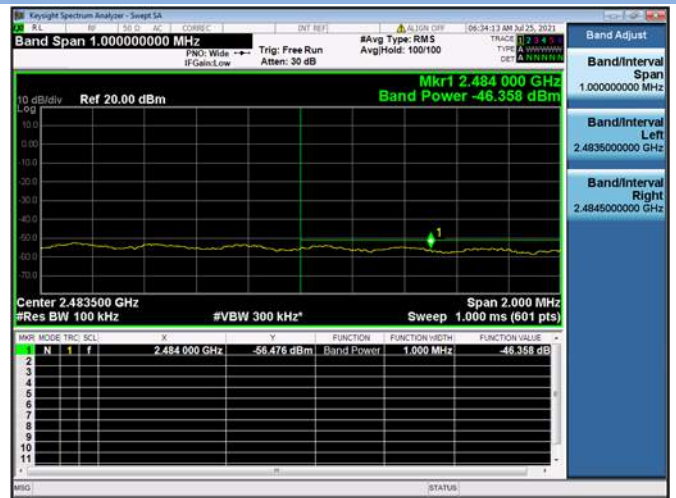
802.11n-20 MHz CHANNEL 1, Reference level



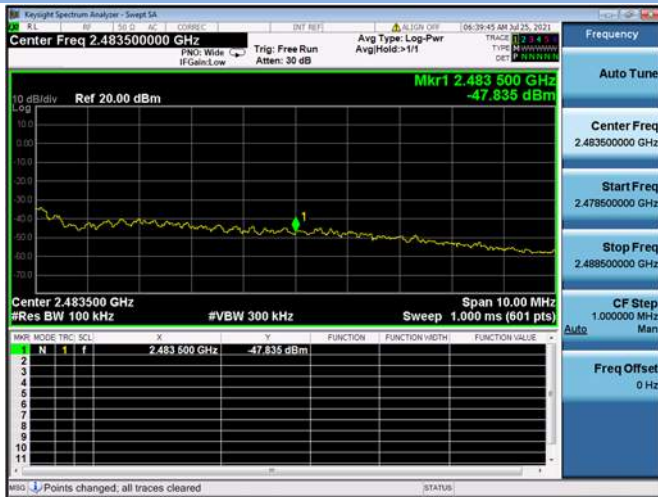
802.11n-20 MHz CHANNEL 11, Carrier level



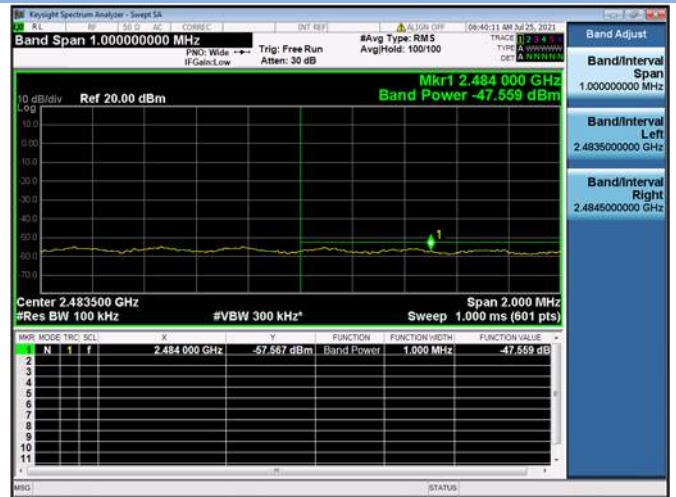
802.11n-20 MHz CHANNEL 11, Reference level



802.11n-20 MHz CHANNEL 12, Carrier level



802.11n-20 MHz CHANNEL 12, Reference level



802.11n-20 MHz CHANNEL 13, Carrier level



802.11n-20 MHz CHANNEL 13, Reference level



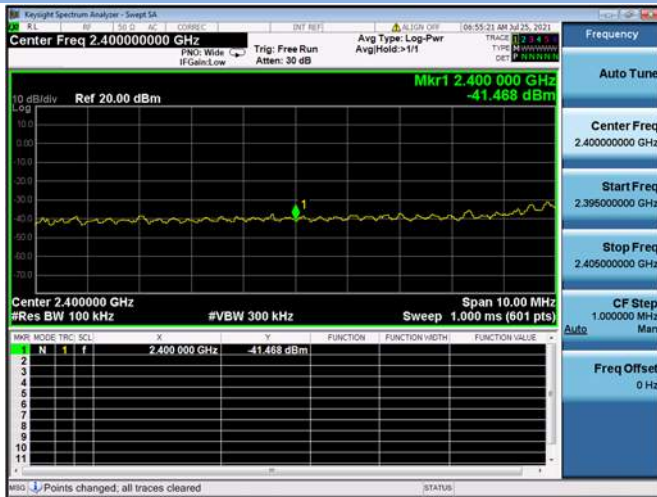
802.11n-40 MHz CHANNEL 3, Carrier level



802.11n-40 MHz CHANNEL 3, Reference level



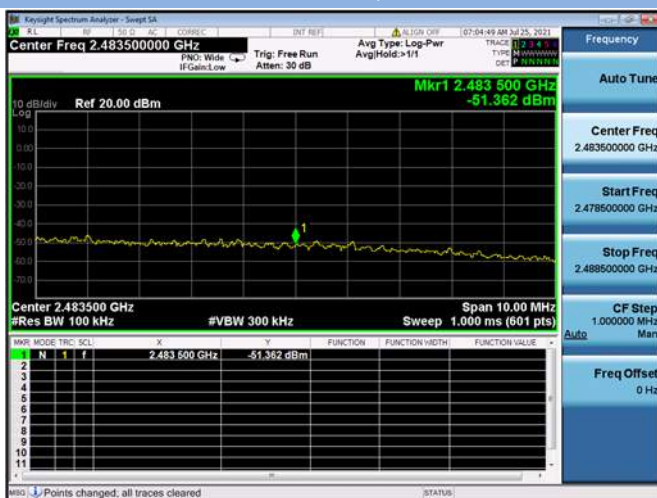
802.11n-40 MHz CHANNEL 4, Carrier level



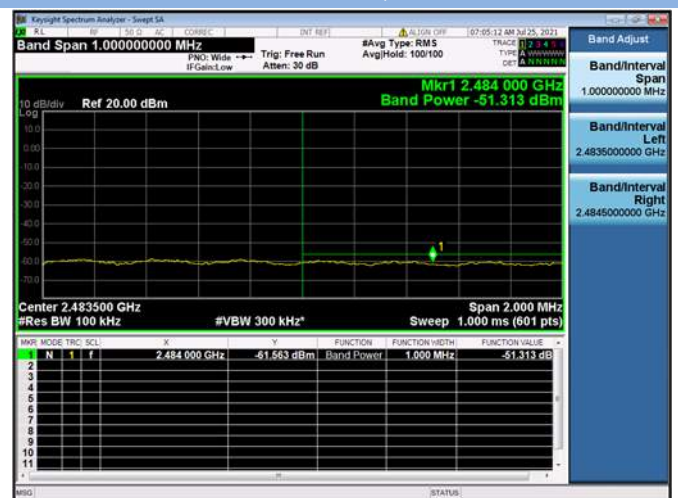
802.11n-40 MHz CHANNEL 4, Reference level



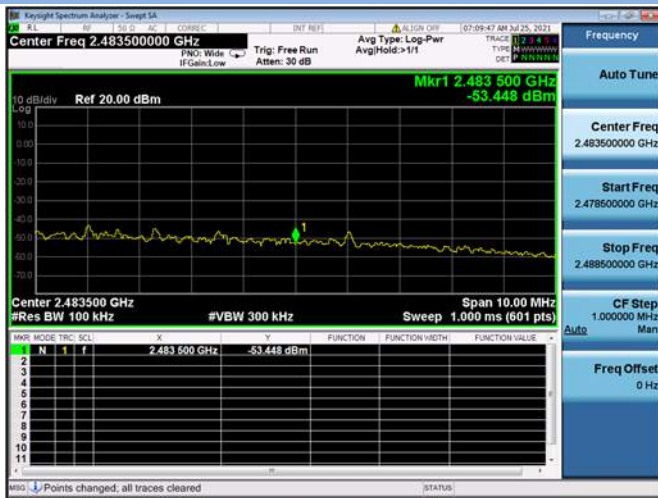
802.11n-40 MHz CHANNEL 7, Carrier level



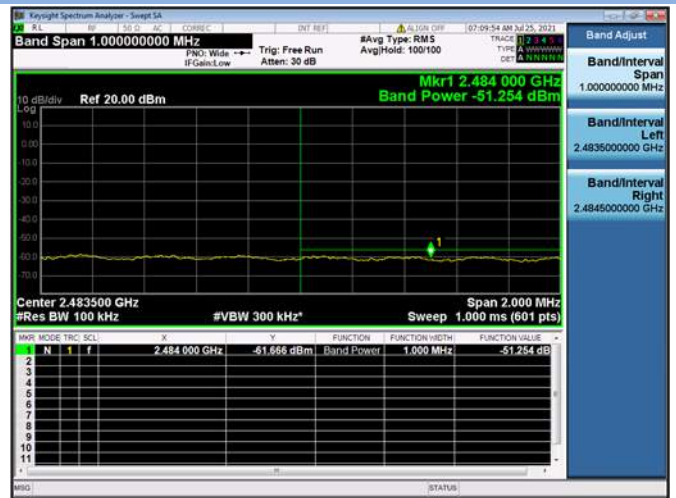
802.11n-40 MHz CHANNEL 7, Reference level



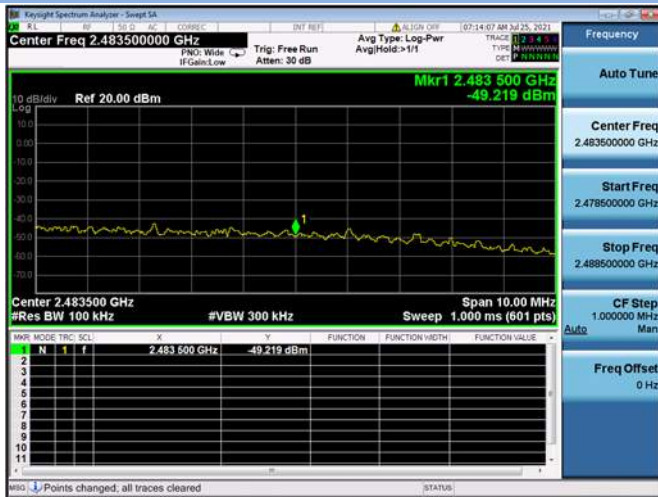
802.11n-40 MHz CHANNEL 8, Carrier level



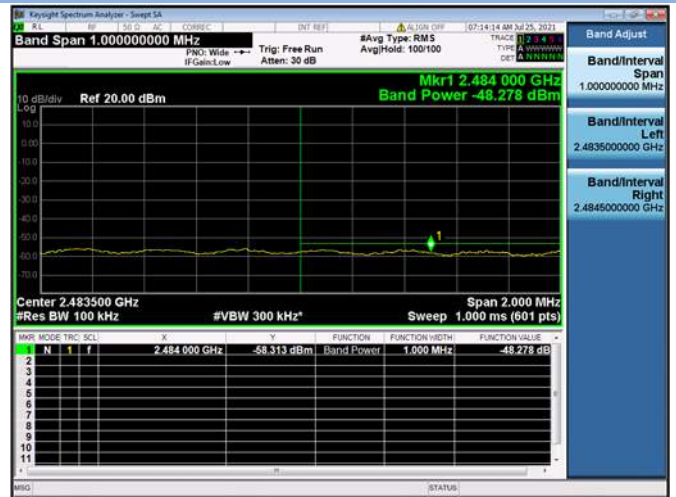
802.11n-40 MHz CHANNEL 8, Reference level



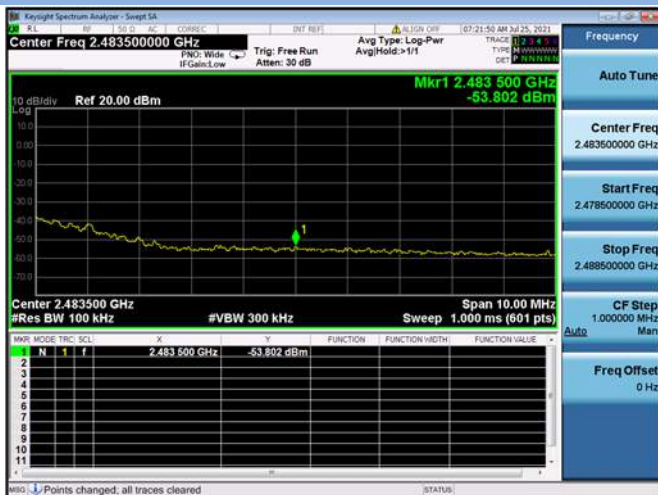
802.11n-40 MHz CHANNEL 9, Carrier level



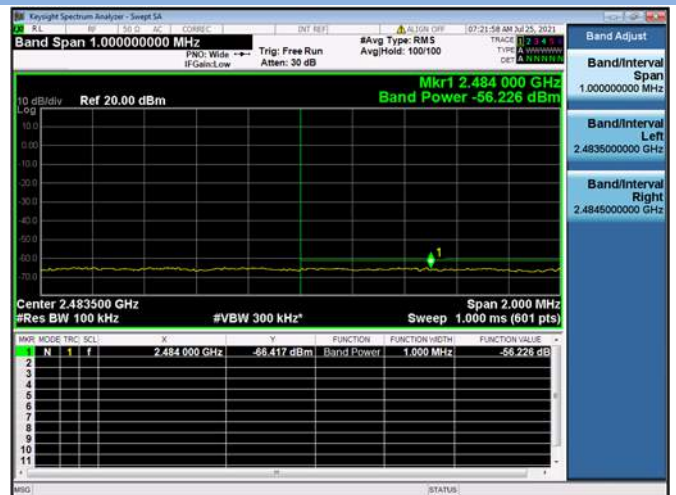
802.11n-40 MHz CHANNEL 9, Reference level



802.11n-40 MHz CHANNEL 10, Carrier level



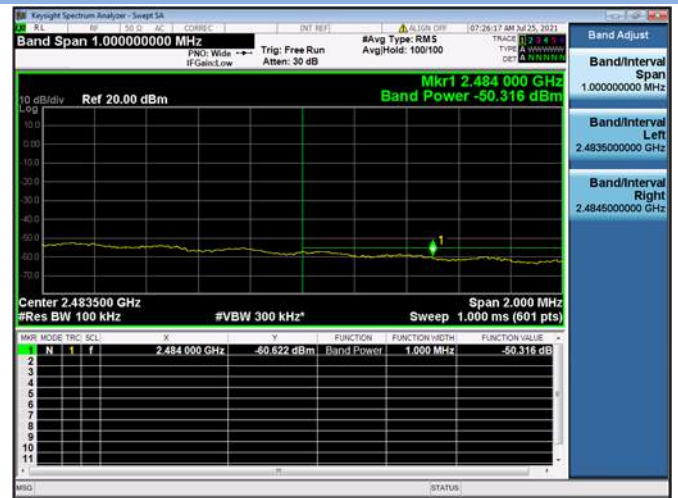
802.11n-40 MHz CHANNEL 10, Reference level



802.11n-40 MHz CHANNEL 11, Carrier level



802.11n-40 MHz CHANNEL 11, Reference level

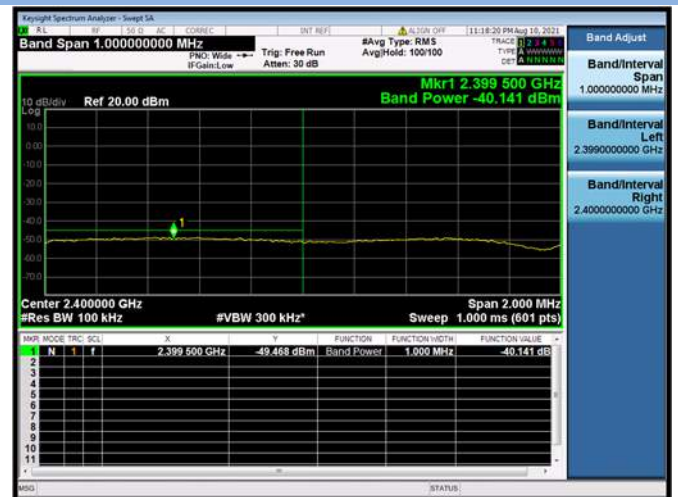


Aux. Antenna

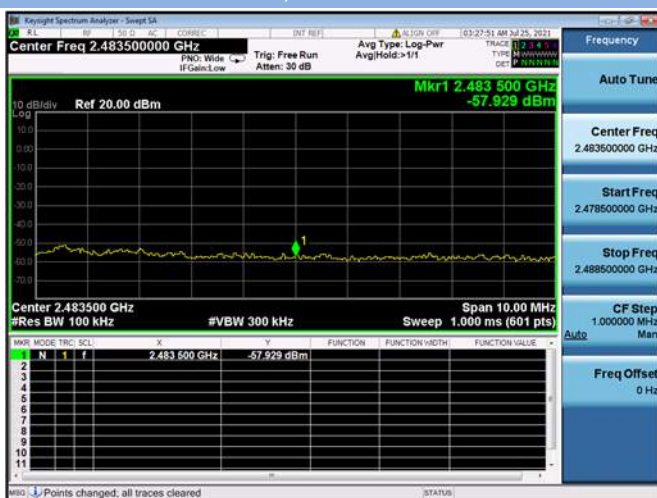
802.11b CHANNEL 1, Carrier level



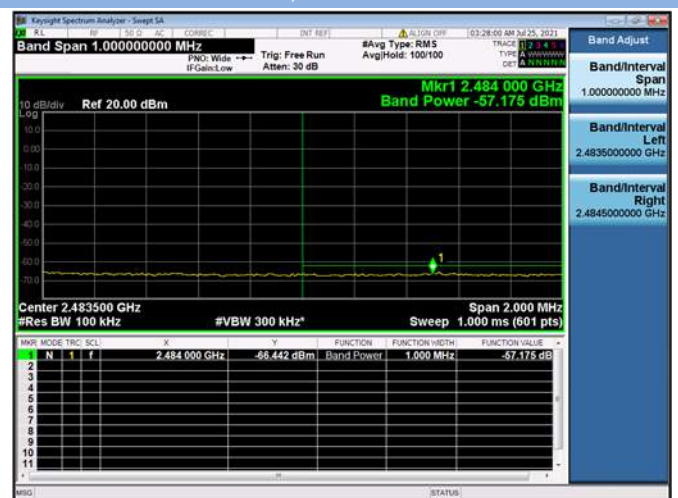
802.11b CHANNEL 1, Reference level



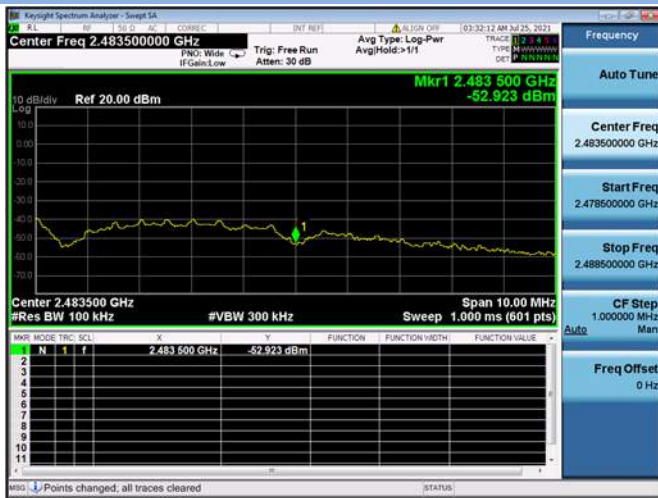
802.11b CHANNEL 11, Carrier level



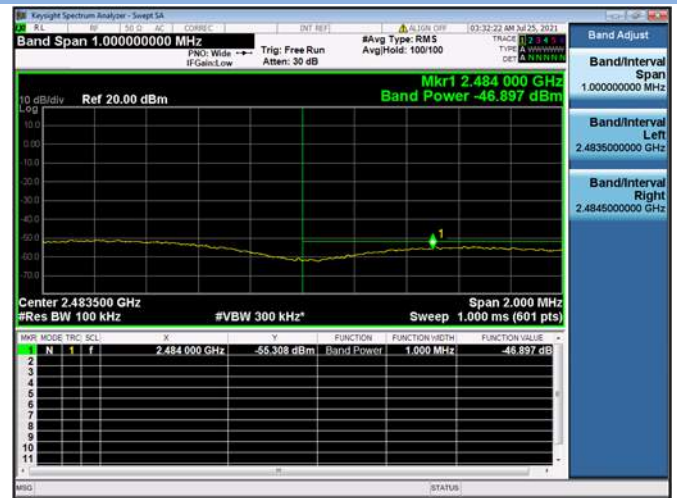
802.11b CHANNEL 11, Reference level



802.11b CHANNEL 12, Carrier level



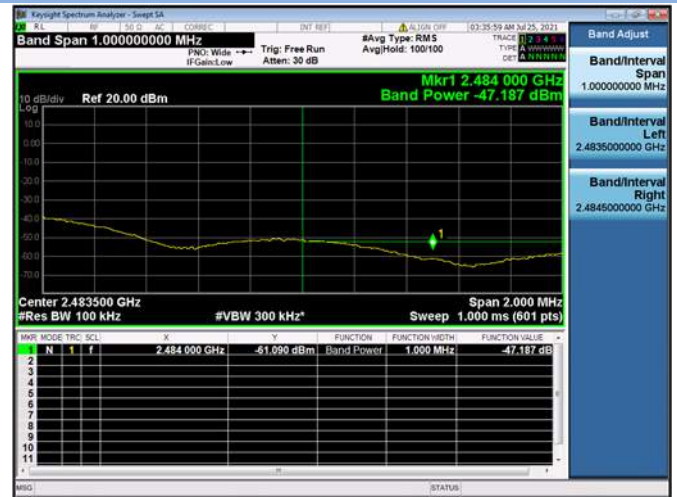
802.11b CHANNEL 12, Reference level



802.11b CHANNEL 13, Carrier level



802.11b CHANNEL 13, Reference level



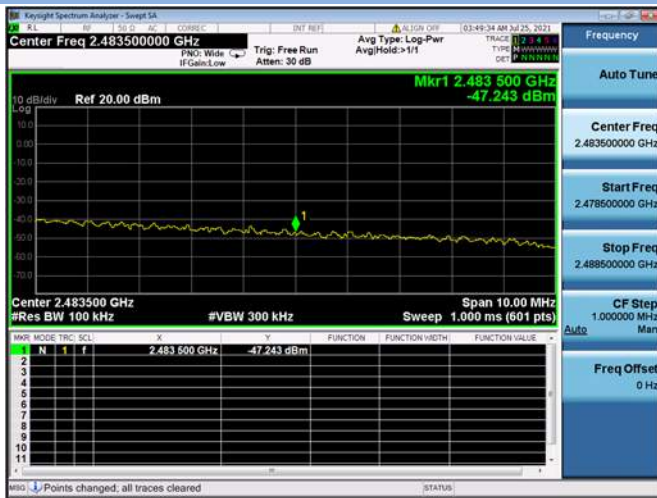
802.11g CHANNEL 1, Carrier level



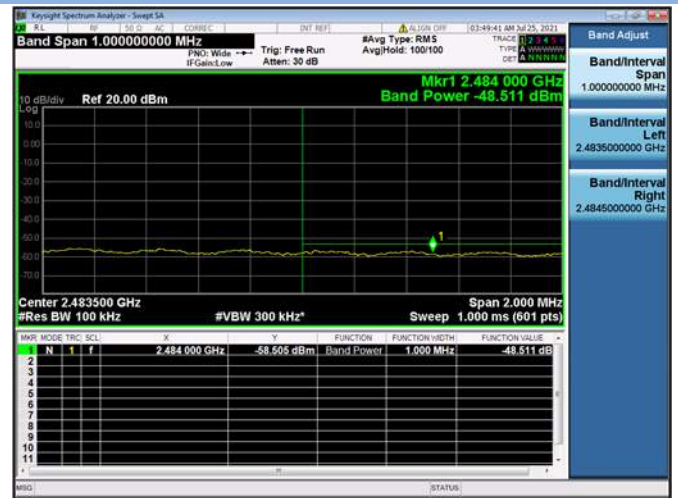
802.11g CHANNEL 1, Reference level



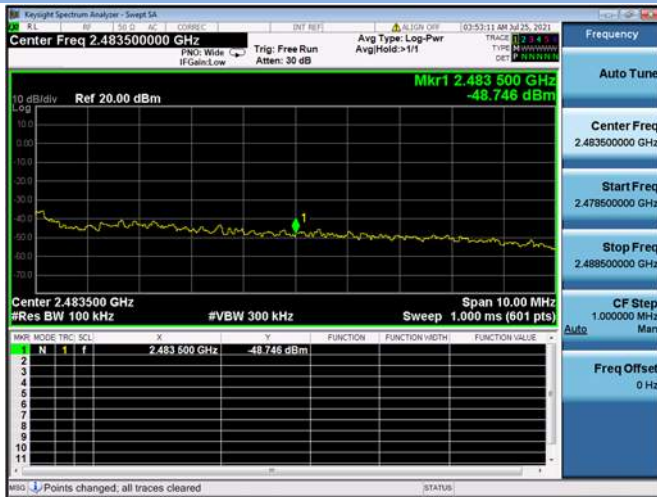
802.11g CHANNEL 11, Carrier level



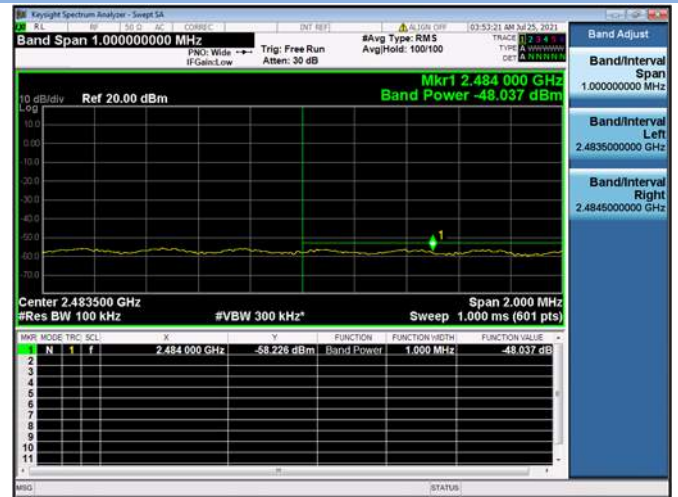
802.11g CHANNEL 11, Reference level



802.11g CHANNEL 12, Carrier level



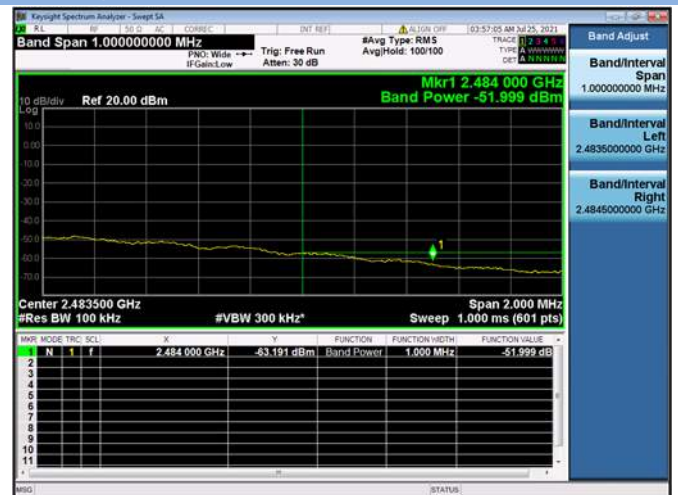
802.11g CHANNEL 12, Reference level



802.11g CHANNEL 13, Carrier level



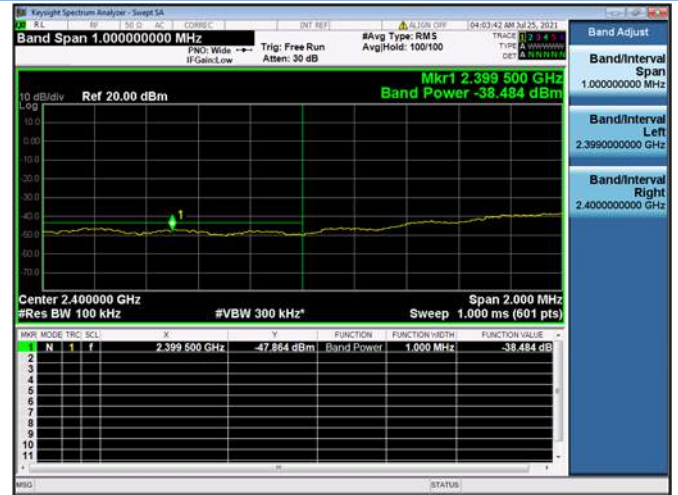
802.11g CHANNEL 13, Reference level



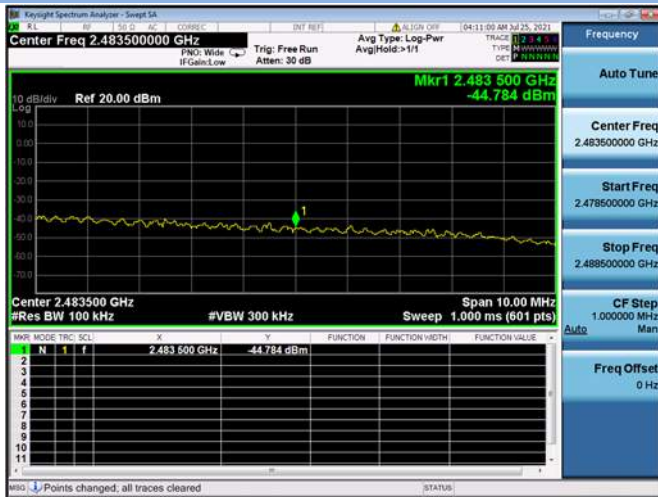
802.11n-20 MHz CHANNEL 1, Carrier level



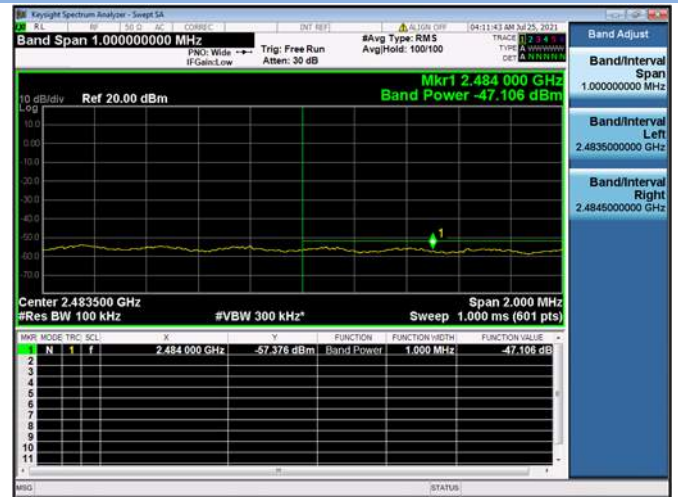
802.11n-20 MHz CHANNEL 1, Reference level



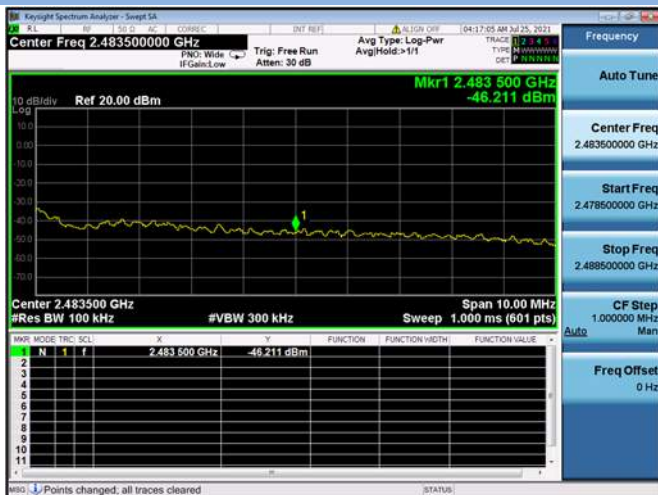
802.11n-20 MHz CHANNEL 11, Carrier level



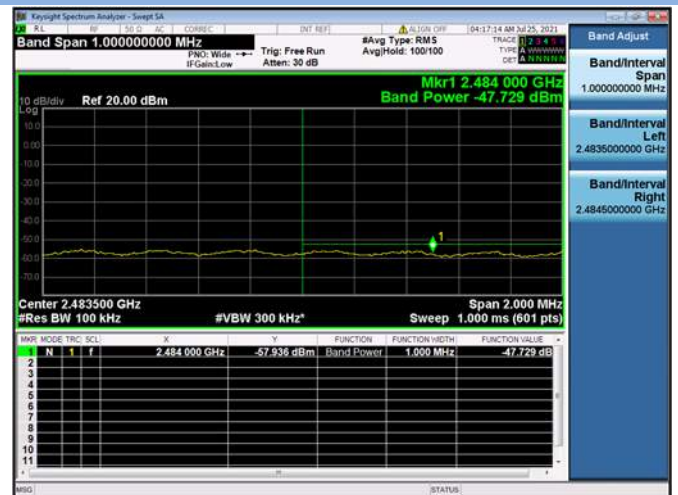
802.11n-20 MHz CHANNEL 11, Reference level



802.11n-20 MHz CHANNEL 12, Carrier level



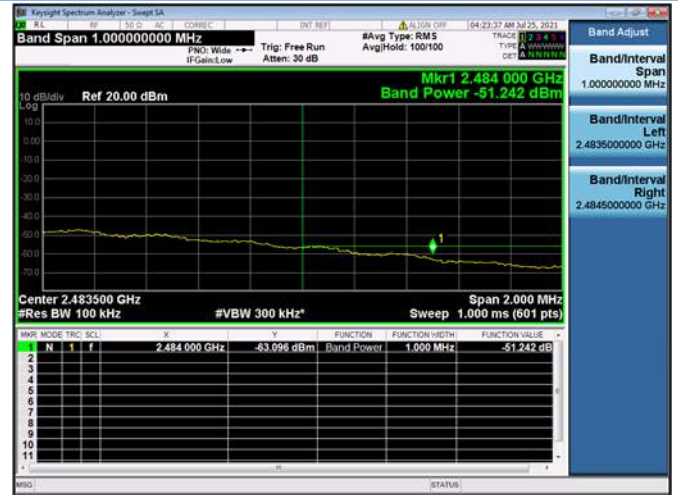
802.11n-20 MHz CHANNEL 12, Reference level



802.11n-20 MHz CHANNEL 13, Carrier level



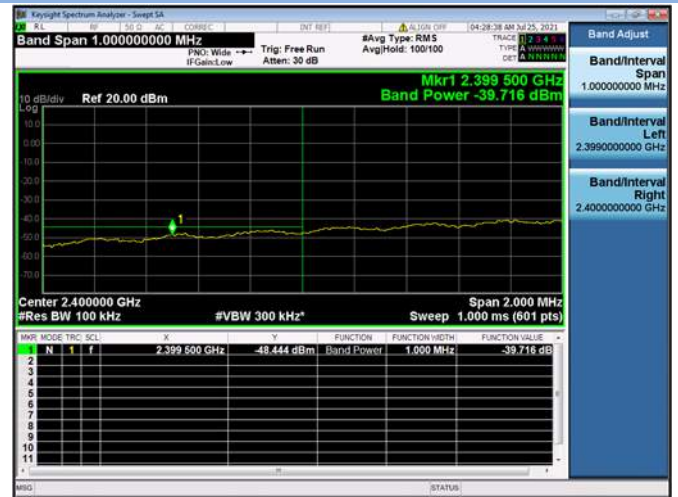
802.11n-20 MHz CHANNEL 13, Reference level



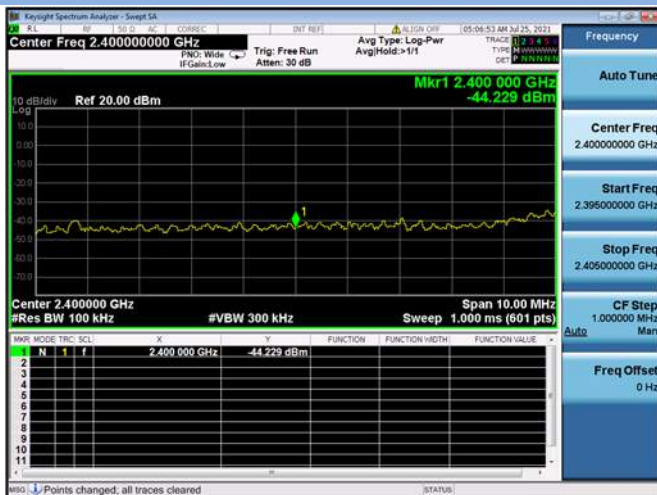
802.11n-40 MHz CHANNEL 3, Carrier level



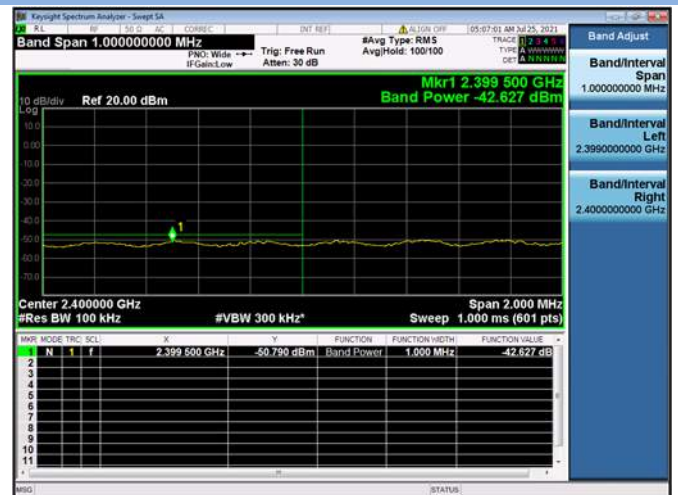
802.11n-40 MHz CHANNEL 3, Reference level



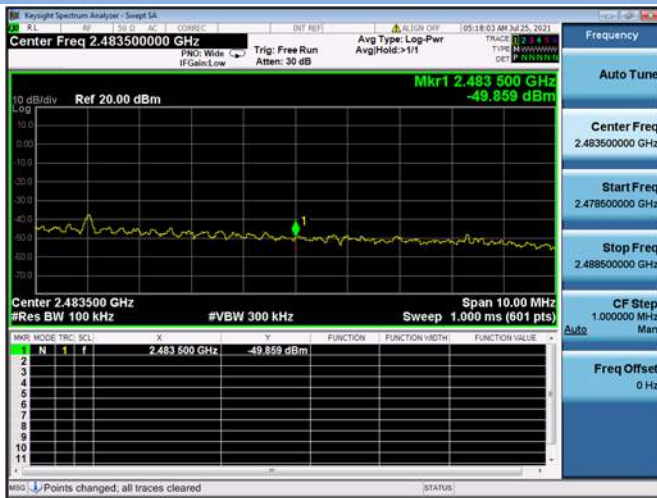
802.11n-40 MHz CHANNEL 4, Carrier level



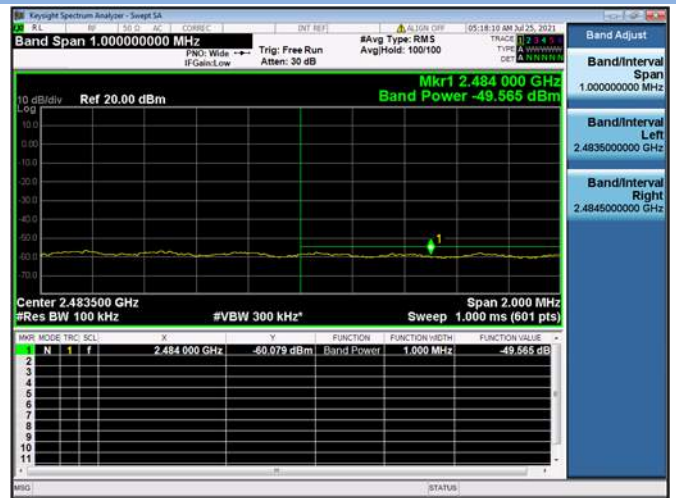
802.11n-40 MHz CHANNEL 4, Reference level



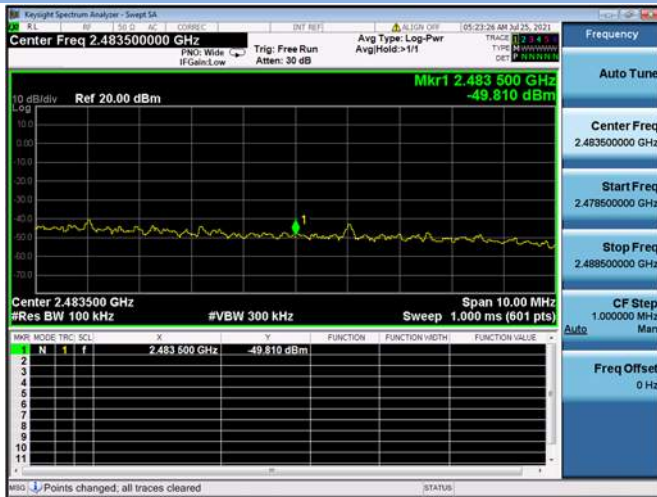
802.11n-40 MHz CHANNEL 7, Carrier level



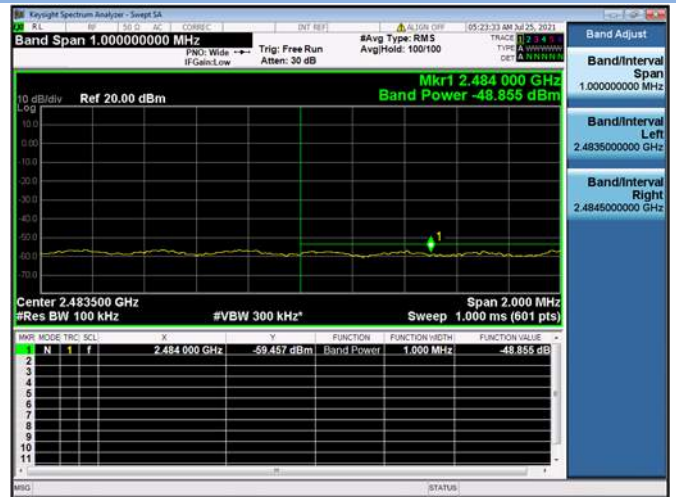
802.11n-40 MHz CHANNEL 7, Reference level



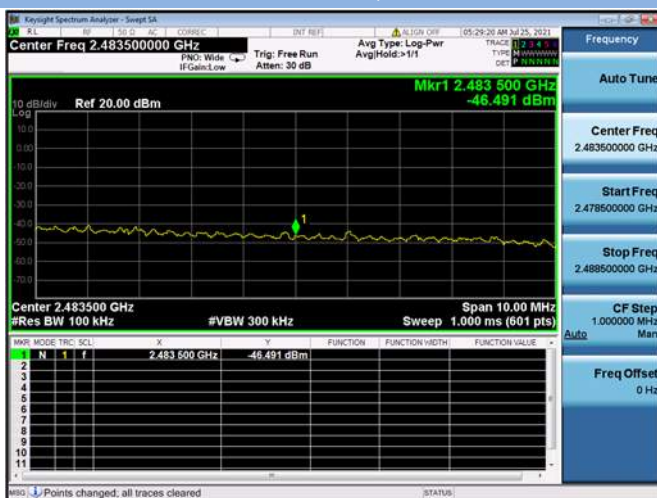
802.11n-40 MHz CHANNEL 8, Carrier level



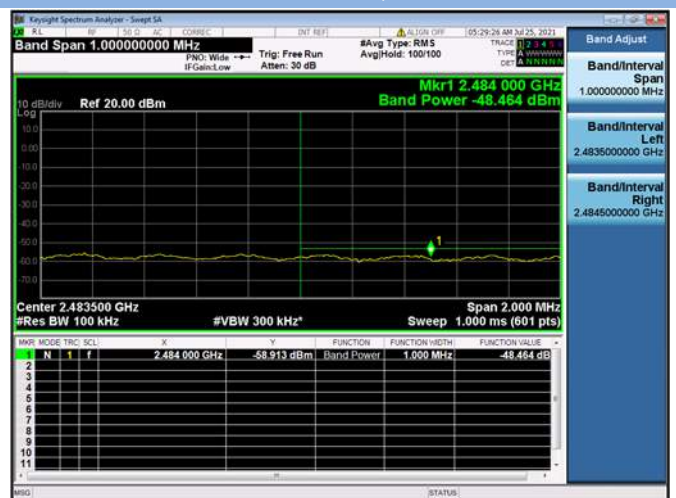
802.11n-40 MHz CHANNEL 8, Reference level



802.11n-40 MHz CHANNEL 9, Carrier level



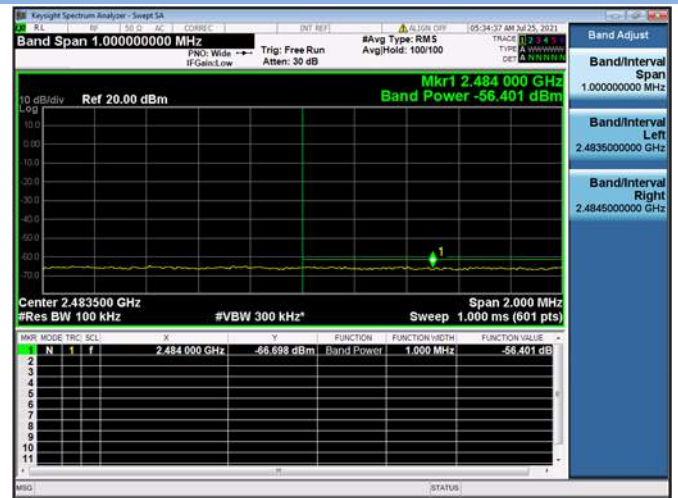
802.11n-40 MHz CHANNEL 9, Reference level



802.11n-40 MHz CHANNEL 10, Carrier level



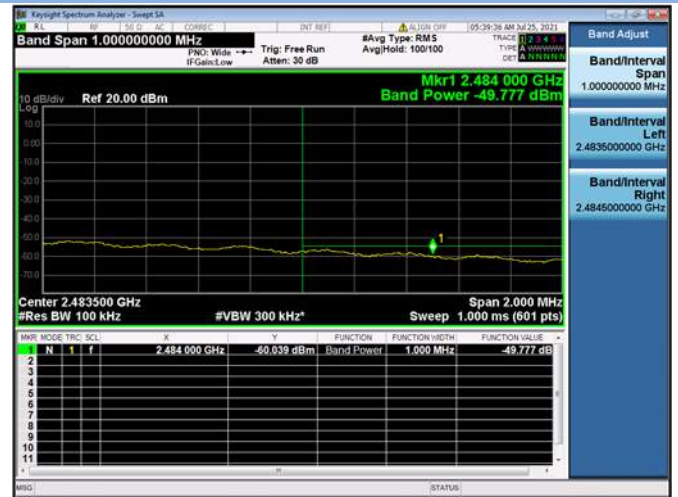
802.11n-40 MHz CHANNEL 10, Reference level



802.11n-40 MHz CHANNEL 11, Carrier level



802.11n-40 MHz CHANNEL 11, Reference level

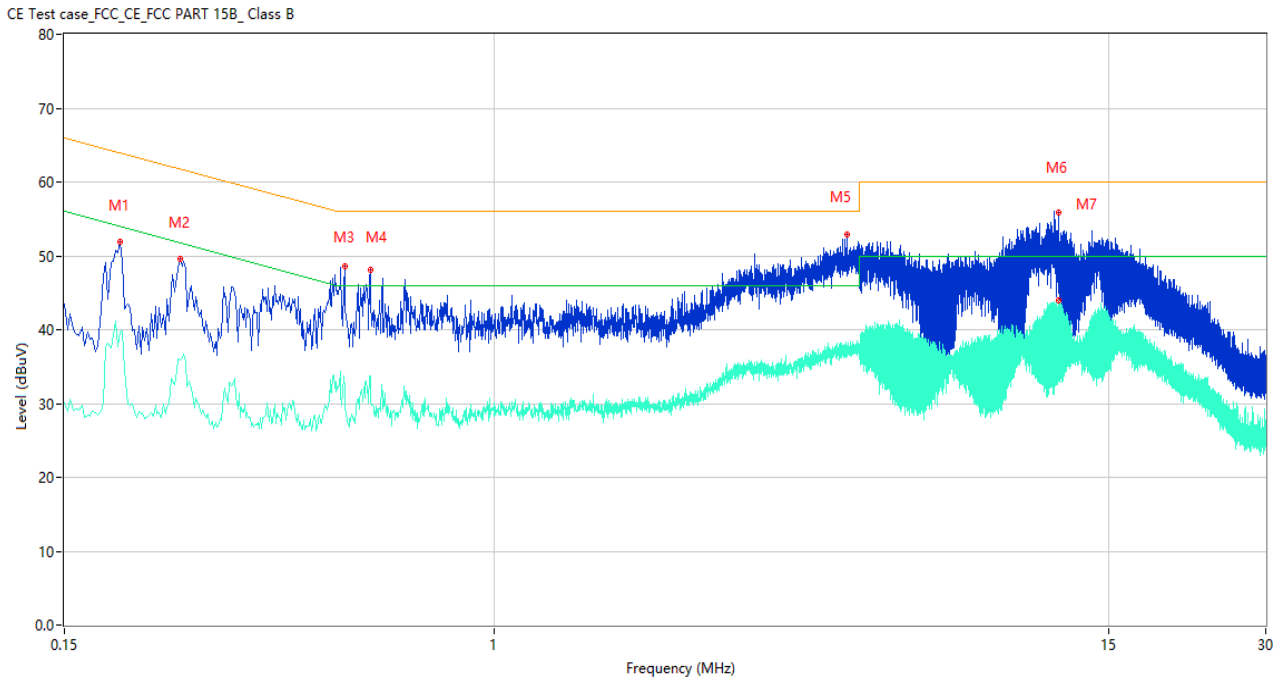


A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
 Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

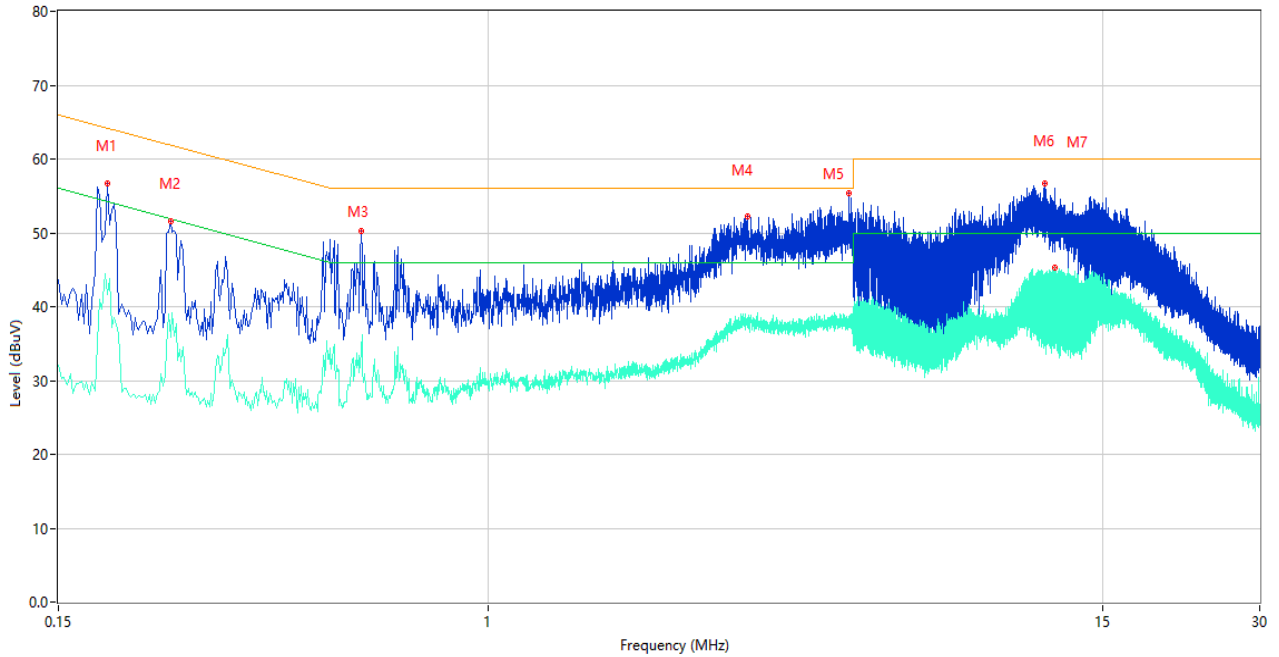
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.192	51.83	10.38	63.95	-12.12	Peak	L	Pass
1**	0.192	39.67	10.38	53.95	-14.28	AV	L	Pass
2	0.250	49.60	10.33	61.76	-12.16	Peak	L	Pass
2**	0.250	35.94	10.33	51.76	-15.82	AV	L	Pass
3	0.516	48.64	10.30	56.00	-7.36	Peak	L	Pass
3**	0.516	31.86	10.30	46.00	-14.14	AV	L	Pass
4	0.578	48.15	10.27	56.00	-7.85	Peak	L	Pass
4**	0.578	33.69	10.27	46.00	-12.31	AV	L	Pass
5	4.746	52.87	10.30	56.00	-3.13	Peak	L	Pass
5**	4.746	37.78	10.30	46.00	-8.22	AV	L	Pass
6	12.052	55.79	10.38	60.00	-4.21	Peak	L	Pass
6**	12.052	34.89	10.38	50.00	-15.11	AV	L	Pass
7	12.030	53.08	10.38	60.00	-6.92	Peak	L	Pass
7**	12.030	44.03	10.38	50.00	-5.97	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.186	56.78	10.39	64.21	-7.43	Peak	N	Pass
1**	0.186	41.60	10.39	54.21	-12.61	AV	N	Pass
2	0.246	51.63	10.34	61.89	-10.26	Peak	N	Pass
2**	0.246	35.86	10.34	51.89	-16.03	AV	N	Pass
3	0.570	50.27	10.27	56.00	-5.73	Peak	N	Pass
3**	0.570	34.22	10.27	46.00	-11.78	AV	N	Pass
4	3.132	52.31	10.28	56.00	-3.69	Peak	N	Pass
4**	3.132	37.40	10.28	46.00	-8.60	AV	N	Pass
5	4.896	55.36	10.32	56.00	-0.64	Peak	N	N/A
5*	4.896	48.27	10.32	56.00	-7.73	QP	N	Pass
5**	4.896	38.44	10.32	46.00	-7.56	AV	N	Pass
6	11.602	56.66	10.38	60.00	-3.34	Peak	N	Pass
6**	11.602	44.13	10.38	50.00	-5.87	AV	N	Pass
7	12.130	53.76	10.39	60.00	-6.24	Peak	N	Pass
7**	12.130	45.23	10.39	50.00	-4.77	AV	N	Pass

A.6 Radiated Emission

Note¹: The symbol of “--” in the table which means not application.

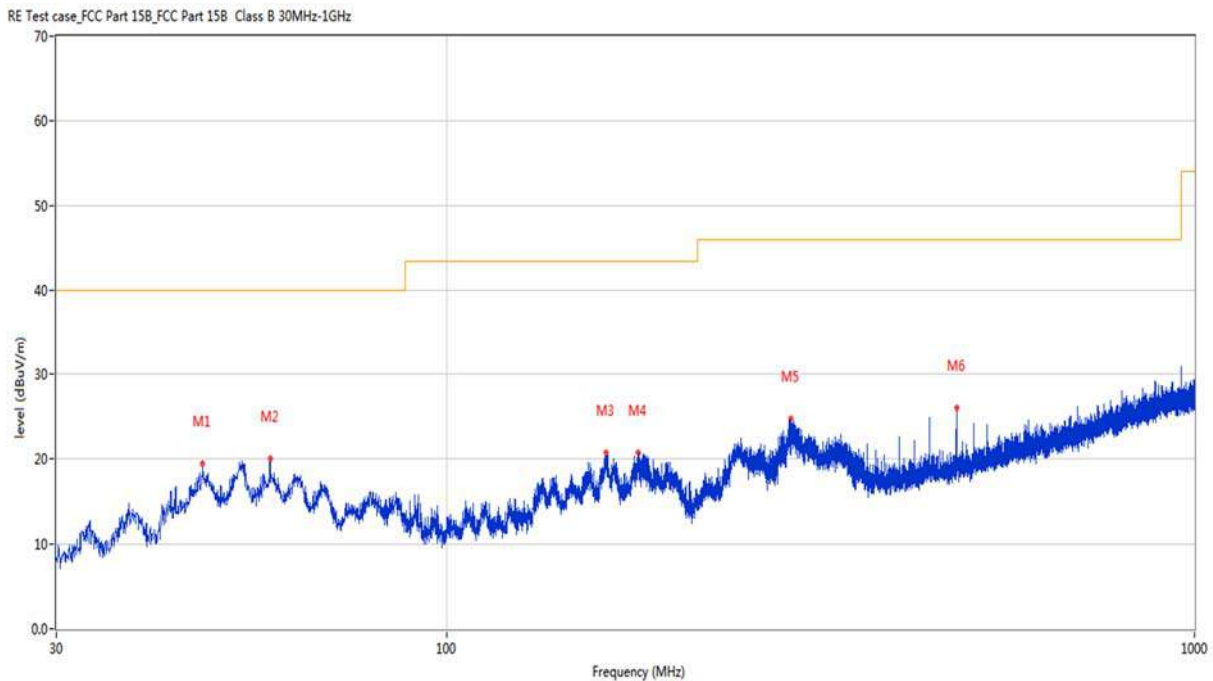
Note²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

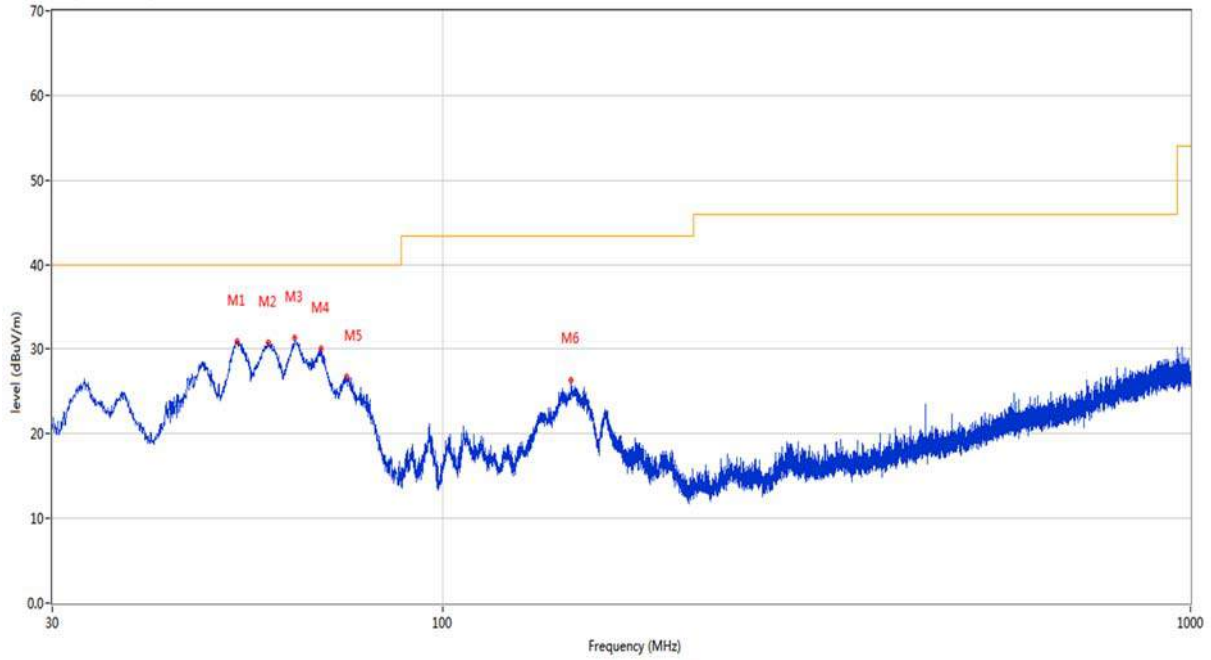
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.072	19.42	-22.87	40.0	-20.58	Peak	269.60	100	Horizontal	Pass
2	57.936	19.96	-24.11	40.0	-20.04	Peak	265.70	100	Horizontal	Pass
3	163.327	20.78	-26.92	43.5	-22.72	Peak	266.30	200	Horizontal	Pass
4	180.156	20.73	-26.03	43.5	-22.77	Peak	270.50	200	Horizontal	Pass
5	288.020	24.68	-21.98	46.0	-21.32	Peak	114.10	100	Horizontal	Pass
6	481.341	26.02	-17.06	46.0	-19.98	Peak	88.80	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.989	30.92	-23.00	40.0	-9.08	Peak	175.20	100	Vertical	Pass
2	58.421	30.70	-24.08	40.0	-9.30	Peak	280.80	100	Vertical	Pass
3	63.368	31.22	-24.83	40.0	-8.78	Peak	212.90	100	Vertical	Pass
4	68.606	29.96	-26.21	40.0	-10.04	Peak	162.50	100	Vertical	Pass
5	74.329	26.69	-28.52	40.0	-13.31	Peak	137.30	100	Vertical	Pass
6	148.486	26.29	-28.04	43.5	-17.21	Peak	263.70	100	Vertical	Pass

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: All antenna were tested, but only the worst case has been reported in this report.

MIMO

1 GHz to 18 GHz, ANT H 802.11b Channel 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1823.600	48.76	-14.50	74.0	-25.24	Peak	116.00	150	Horizontal	Pass
1**	1823.600	37.53	-14.50	54.0	-16.47	AV	116.00	150	Horizontal	Pass
2	2411.200	101.57	-10.36	74.0	27.57	Peak	309.00	150	Horizontal	N/A
2**	2411.200	99.68	-10.36	54.0	45.68	AV	309.00	150	Horizontal	N/A
3	4824.200	50.19	-1.44	74.0	-23.81	Peak	22.00	150	Horizontal	Pass
3**	4824.200	47.65	-1.44	54.0	-6.35	AV	22.00	150	Horizontal	Pass
4	4996.600	53.29	-0.93	74.0	-20.71	Peak	99.00	150	Horizontal	Pass
4**	4996.600	43.31	-0.93	54.0	-10.69	AV	99.00	150	Horizontal	Pass
5	10440.513	50.33	18.75	74.0	-23.67	Peak	331.00	150	Horizontal	Pass
5**	10440.513	38.24	18.75	54.0	-15.76	AV	331.00	150	Horizontal	Pass
6	17858.251	57.44	24.22	74.0	-16.56	Peak	46.00	150	Horizontal	Pass
6**	17858.251	44.94	24.22	54.0	-9.06	AV	46.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Channel 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1795.400	48.29	-14.69	74.0	-25.71	Peak	361.00	150	Vertical	Pass
1**	1795.400	40.43	-14.69	54.0	-13.57	AV	361.00	150	Vertical	Pass
2	2412.900	98.64	-10.20	74.0	24.64	Peak	279.00	150	Vertical	N/A
2**	2412.900	96.50	-10.20	54.0	42.50	AV	279.00	150	Vertical	N/A
3	4824.200	48.82	-1.44	74.0	-25.18	Peak	21.00	150	Vertical	Pass
3**	4824.200	45.51	-1.44	54.0	-8.49	AV	21.00	150	Vertical	Pass
4	4998.800	50.71	-0.87	74.0	-23.29	Peak	166.00	150	Vertical	Pass
4**	4998.800	47.34	-0.87	54.0	-6.66	AV	166.00	150	Vertical	Pass
5	12253.776	50.62	20.43	74.0	-23.38	Peak	195.00	150	Vertical	Pass
5**	12253.776	39.11	20.43	54.0	-14.89	AV	195.00	150	Vertical	Pass
6	17642.738	56.29	24.17	74.0	-17.71	Peak	345.00	150	Vertical	Pass
6**	17642.738	45.01	24.17	54.0	-8.99	AV	345.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Channel 6

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1227.000	49.03	-14.94	74.0	-24.97	Peak	72.00	150	Horizontal	Pass
1**	1227.000	40.44	-14.94	54.0	-13.56	AV	72.00	150	Horizontal	Pass
2	2436.100	99.92	-10.62	74.0	25.92	Peak	314.00	150	Horizontal	N/A
2**	2436.100	97.39	-10.62	54.0	43.39	AV	314.00	150	Horizontal	N/A
3	4874.400	48.95	-1.55	74.0	-25.05	Peak	73.00	150	Horizontal	Pass
3**	4874.400	46.72	-1.55	54.0	-7.28	AV	73.00	150	Horizontal	Pass
4	4999.000	53.14	-0.88	74.0	-20.86	Peak	98.00	150	Horizontal	Pass
4**	4999.000	45.80	-0.88	54.0	-8.20	AV	98.00	150	Horizontal	Pass
5	12327.088	50.37	19.87	74.0	-23.63	Peak	319.00	150	Horizontal	Pass
5**	12327.088	39.23	19.87	54.0	-14.77	AV	319.00	150	Horizontal	Pass
6	17999.213	57.30	24.91	74.0	-16.70	Peak	246.00	150	Horizontal	Pass
6**	17999.213	45.24	24.91	54.0	-8.76	AV	246.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Channel 6

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1302.100	47.14	-14.83	74.0	-26.86	Peak	2.00	150	Vertical	Pass
1**	1302.100	38.49	-14.83	54.0	-15.51	AV	2.00	150	Vertical	Pass
2	2437.900	99.41	-10.59	74.0	25.41	Peak	278.00	150	Vertical	N/A
2**	2437.900	97.23	-10.59	54.0	43.23	AV	278.00	150	Vertical	N/A
3	4874.200	49.31	-1.55	74.0	-24.69	Peak	57.00	150	Vertical	Pass
3**	4874.200	45.07	-1.55	54.0	-8.93	AV	57.00	150	Vertical	Pass
4	4988.800	52.30	-1.14	74.0	-21.70	Peak	142.00	150	Vertical	Pass
4**	4988.800	47.30	-1.14	54.0	-6.70	AV	142.00	150	Vertical	Pass
5	12588.713	50.66	18.64	74.0	-23.34	Peak	309.00	150	Vertical	Pass
5**	12588.713	38.20	18.64	54.0	-15.80	AV	309.00	150	Vertical	Pass
6	17274.712	57.15	24.43	74.0	-16.85	Peak	359.00	150	Vertical	Pass
6**	17274.712	45.45	24.43	54.0	-8.55	AV	359.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1257.000	49.11	-14.94	74.0	-24.89	Peak	99.00	150	Horizontal	Pass
1**	1257.000	40.22	-14.94	54.0	-13.78	AV	99.00	150	Horizontal	Pass
2	2461.200	101.18	-10.46	74.0	27.18	Peak	303.00	150	Horizontal	N/A
2**	2461.200	99.19	-10.46	54.0	45.19	AV	303.00	150	Horizontal	N/A
3	4924.400	51.24	-1.09	74.0	-22.76	Peak	71.00	150	Horizontal	Pass
3**	4924.400	49.66	-1.09	54.0	-4.34	AV	71.00	150	Horizontal	Pass
4	4997.600	51.00	-0.86	74.0	-23.00	Peak	123.00	150	Horizontal	Pass
4**	4997.600	46.01	-0.86	54.0	-7.99	AV	123.00	150	Horizontal	Pass
5	12321.338	50.74	19.91	74.0	-23.26	Peak	80.00	150	Horizontal	Pass
5**	12321.338	39.40	19.91	54.0	-14.60	AV	80.00	150	Horizontal	Pass
6	17876.888	56.84	24.40	74.0	-17.16	Peak	198.00	150	Horizontal	Pass
6**	17876.888	44.91	24.40	54.0	-9.09	AV	198.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1313.300	47.60	-14.70	74.0	-26.40	Peak	0.00	150	Vertical	Pass
1**	1313.300	38.16	-14.70	54.0	-15.84	AV	0.00	150	Vertical	Pass
2	2462.900	99.01	-10.46	74.0	25.01	Peak	126.00	150	Vertical	N/A
2**	2462.900	96.86	-10.46	54.0	42.86	AV	126.00	150	Vertical	N/A
3	4924.400	48.95	-1.09	74.0	-25.05	Peak	13.00	150	Vertical	Pass
3**	4924.400	47.70	-1.09	54.0	-6.30	AV	13.00	150	Vertical	Pass
4	4997.400	51.17	-0.88	74.0	-22.83	Peak	162.00	150	Vertical	Pass
4**	4997.400	47.22	-0.88	54.0	-6.78	AV	162.00	150	Vertical	Pass
5	12745.400	50.85	18.91	74.0	-23.15	Peak	98.00	150	Vertical	Pass
5**	12745.400	38.01	18.91	54.0	-15.99	AV	98.00	150	Vertical	Pass
6	17302.536	56.39	24.56	74.0	-17.61	Peak	201.00	150	Vertical	Pass
6**	17302.536	45.67	24.56	54.0	-8.33	AV	201.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Channel 12

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1219.500	49.54	-14.92	74.0	-24.46	Peak	63.00	150	Horizontal	Pass
1**	1219.500	40.19	-14.92	54.0	-13.81	AV	63.00	150	Horizontal	Pass
2	2466.100	98.97	-10.58	74.0	24.97	Peak	253.00	150	Horizontal	N/A
2**	2466.100	96.86	-10.58	54.0	42.86	AV	253.00	150	Horizontal	N/A
3	4934.200	52.31	-1.10	74.0	-21.69	Peak	71.00	150	Horizontal	Pass
3**	4934.200	50.11	-1.10	54.0	-3.89	AV	71.00	150	Horizontal	Pass
4	4999.800	53.28	-0.92	74.0	-20.72	Peak	125.00	150	Horizontal	Pass
4**	4999.800	46.77	-0.92	54.0	-7.23	AV	125.00	150	Horizontal	Pass
5	9411.262	49.53	17.35	74.0	-24.47	Peak	235.00	150	Horizontal	Pass
5**	9411.262	38.60	17.35	54.0	-15.40	AV	235.00	150	Horizontal	Pass
6	17269.987	55.64	24.37	74.0	-18.36	Peak	63.00	150	Horizontal	Pass
6**	17269.987	45.12	24.37	54.0	-8.88	AV	63.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Channel 12

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1115.700	46.66	-15.35	74.0	-27.34	Peak	24.00	150	Vertical	Pass
1**	1115.700	37.71	-15.35	54.0	-16.29	AV	24.00	150	Vertical	Pass
2	2467.900	99.25	-10.65	74.0	25.25	Peak	276.00	150	Vertical	N/A
2**	2467.900	97.17	-10.65	54.0	43.17	AV	276.00	150	Vertical	N/A
3	4934.200	50.69	-1.10	74.0	-23.31	Peak	360.00	150	Vertical	Pass
3**	4934.200	47.53	-1.10	54.0	-6.47	AV	360.00	150	Vertical	Pass
4	4998.400	52.69	-0.84	74.0	-21.31	Peak	152.00	150	Vertical	Pass
4**	4998.400	47.10	-0.84	54.0	-6.90	AV	152.00	150	Vertical	Pass
5	9598.137	49.13	18.74	74.0	-24.87	Peak	258.00	150	Vertical	Pass
5**	9598.137	39.44	18.74	54.0	-14.56	AV	258.00	150	Vertical	Pass
6	17868.489	57.18	24.32	74.0	-16.82	Peak	362.00	150	Vertical	Pass
6**	17868.489	44.96	24.32	54.0	-9.04	AV	362.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Channel 13

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1248.300	49.04	-14.90	74.0	-24.96	Peak	85.00	150	Horizontal	Pass
1**	1248.300	38.74	-14.90	54.0	-15.26	AV	85.00	150	Horizontal	Pass
2	2474.700	98.93	-10.55	74.0	24.93	Peak	247.00	150	Horizontal	N/A
2**	2474.700	97.10	-10.55	54.0	43.10	AV	247.00	150	Horizontal	N/A
3	4944.200	52.57	-1.60	74.0	-21.43	Peak	66.00	150	Horizontal	Pass
3**	4944.200	50.38	-1.60	54.0	-3.62	AV	66.00	150	Horizontal	Pass
4	4994.200	52.70	-1.05	74.0	-21.30	Peak	101.00	150	Horizontal	Pass
4**	4994.200	45.83	-1.05	54.0	-8.17	AV	101.00	150	Horizontal	Pass
5	9955.500	49.12	17.82	74.0	-24.88	Peak	303.00	150	Horizontal	Pass
5**	9955.500	37.87	17.82	54.0	-16.13	AV	303.00	150	Horizontal	Pass
6	17895.000	57.84	24.52	74.0	-16.16	Peak	208.00	150	Horizontal	Pass
6**	17895.000	45.00	24.52	54.0	-9.00	AV	208.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Channel 13

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.000	47.05	-14.96	74.0	-26.95	Peak	244.00	150	Vertical	Pass
1**	1039.000	37.65	-14.96	54.0	-16.35	AV	244.00	150	Vertical	Pass
2	2474.700	100.45	-10.55	74.0	26.45	Peak	275.00	150	Vertical	N/A
2**	2474.700	98.43	-10.55	54.0	44.43	AV	275.00	150	Vertical	N/A
3	4944.200	51.28	-1.60	74.0	-22.72	Peak	24.00	150	Vertical	Pass
3**	4944.200	48.57	-1.60	54.0	-5.43	AV	24.00	150	Vertical	Pass
4	4995.400	52.57	-1.00	74.0	-21.43	Peak	172.00	150	Vertical	Pass
4**	4995.400	47.61	-1.00	54.0	-6.39	AV	172.00	150	Vertical	Pass
5	9683.526	49.44	18.54	74.0	-24.56	Peak	136.00	150	Vertical	Pass
5**	9683.526	37.35	18.54	54.0	-16.65	AV	136.00	150	Vertical	Pass
6	17310.937	56.78	24.45	74.0	-17.22	Peak	288.00	150	Vertical	Pass
6**	17310.937	45.42	24.45	54.0	-8.58	AV	288.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Channel 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1263.000	48.59	-14.86	74.0	-25.41	Peak	59.00	150	Horizontal	Pass
1**	1263.000	39.50	-14.86	54.0	-14.50	AV	59.00	150	Horizontal	Pass
2	2413.600	105.58	-10.11	74.0	31.58	Peak	310.00	150	Horizontal	N/A
2**	2413.600	99.75	-10.11	54.0	45.75	AV	310.00	150	Horizontal	N/A
3	4831.000	49.02	-1.39	74.0	-24.98	Peak	51.00	150	Horizontal	Pass
3**	4831.000	47.06	-1.39	54.0	-6.94	AV	51.00	150	Horizontal	Pass
4	4999.800	50.54	-0.92	74.0	-23.46	Peak	51.00	150	Horizontal	Pass
4**	4999.800	46.11	-0.92	54.0	-7.89	AV	51.00	150	Horizontal	Pass
5	9632.638	48.98	18.89	74.0	-25.02	Peak	129.00	150	Horizontal	Pass
5**	9632.638	37.68	18.89	54.0	-16.32	AV	129.00	150	Horizontal	Pass
6	15646.687	55.60	23.54	74.0	-18.40	Peak	195.00	150	Horizontal	Pass
6**	15646.687	43.47	23.54	54.0	-10.53	AV	195.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Channel 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.600	46.36	-14.94	74.0	-27.64	Peak	95.00	150	Vertical	Pass
1**	1155.600	38.60	-14.94	54.0	-15.40	AV	95.00	150	Vertical	Pass
2	2410.500	105.07	-10.40	74.0	31.07	Peak	272.00	150	Vertical	N/A
2**	2410.500	97.98	-10.40	54.0	43.98	AV	272.00	150	Vertical	N/A
3	4823.200	46.64	-1.47	74.0	-27.36	Peak	68.00	150	Vertical	Pass
3**	4823.200	45.59	-1.47	54.0	-8.41	AV	68.00	150	Vertical	Pass
4	4999.400	54.59	-0.90	74.0	-19.41	Peak	156.00	150	Vertical	Pass
4**	4999.400	47.91	-0.90	54.0	-6.09	AV	156.00	150	Vertical	Pass
5	9578.875	49.21	18.45	74.0	-24.79	Peak	83.00	150	Vertical	Pass
5**	9578.875	37.12	18.45	54.0	-16.88	AV	83.00	150	Vertical	Pass
6	17150.551	56.88	23.33	74.0	-17.12	Peak	361.00	150	Vertical	Pass
6**	17150.551	44.78	23.33	54.0	-9.22	AV	361.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1312.500	48.68	-14.68	74.0	-25.32	Peak	86.00	150	Horizontal	Pass
1**	1312.500	39.48	-14.68	54.0	-14.52	AV	86.00	150	Horizontal	Pass
2	2438.200	105.99	-10.58	74.0	31.99	Peak	304.00	150	Horizontal	N/A
2**	2438.200	99.54	-10.58	54.0	45.54	AV	304.00	150	Horizontal	N/A
3	4875.600	48.64	-1.49	74.0	-25.36	Peak	68.00	150	Horizontal	Pass
3**	4875.600	46.35	-1.49	54.0	-7.65	AV	68.00	150	Horizontal	Pass
4	4999.400	52.37	-0.90	74.0	-21.63	Peak	103.00	150	Horizontal	Pass
4**	4999.400	46.21	-0.90	54.0	-7.79	AV	103.00	150	Horizontal	Pass
5	9684.100	49.08	18.54	74.0	-24.92	Peak	314.00	150	Horizontal	Pass
5**	9684.100	37.45	18.54	54.0	-16.55	AV	314.00	150	Horizontal	Pass
6	15454.012	55.96	23.45	74.0	-18.04	Peak	362.00	150	Horizontal	Pass
6**	15454.012	43.42	23.45	54.0	-10.58	AV	362.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1122.900	47.14	-15.29	74.0	-26.86	Peak	19.00	150	Vertical	Pass
1**	1122.900	37.02	-15.29	54.0	-16.98	AV	19.00	150	Vertical	Pass
2	2435.800	105.30	-10.62	74.0	31.30	Peak	263.00	150	Vertical	N/A
2**	2435.800	99.19	-10.62	54.0	45.19	AV	263.00	150	Vertical	N/A
3	4864.600	51.60	-1.50	74.0	-22.40	Peak	48.00	150	Vertical	Pass
3**	4864.600	41.13	-1.50	54.0	-12.87	AV	48.00	150	Vertical	Pass
4	4994.400	52.92	-1.04	74.0	-21.08	Peak	158.00	150	Vertical	Pass
4**	4994.400	48.56	-1.04	54.0	-5.44	AV	158.00	150	Vertical	Pass
5	9615.674	49.32	18.79	74.0	-24.68	Peak	316.00	150	Vertical	Pass
5**	9615.674	38.03	18.79	54.0	-15.97	AV	316.00	150	Vertical	Pass
6	17665.837	56.39	24.30	74.0	-17.61	Peak	277.00	150	Vertical	Pass
6**	17665.837	44.87	24.30	54.0	-9.13	AV	277.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1246.000	48.08	-14.85	74.0	-25.92	Peak	69.00	150	Horizontal	Pass
1**	1246.000	40.27	-14.85	54.0	-13.73	AV	69.00	150	Horizontal	Pass
2	2458.900	106.20	-10.30	74.0	32.20	Peak	307.00	150	Horizontal	N/A
2**	2458.900	98.73	-10.30	54.0	44.73	AV	307.00	150	Horizontal	N/A
3	4923.000	51.00	-1.11	74.0	-23.00	Peak	204.00	150	Horizontal	Pass
3**	4923.000	50.20	-1.11	54.0	-3.80	AV	204.00	150	Horizontal	Pass
4	4999.400	49.74	-0.90	74.0	-24.26	Peak	0.00	150	Horizontal	Pass
4**	4999.400	45.89	-0.90	54.0	-8.11	AV	0.00	150	Horizontal	Pass
5	9954.350	49.37	17.82	74.0	-24.63	Peak	169.00	150	Horizontal	Pass
5**	9954.350	37.59	17.82	54.0	-16.41	AV	169.00	150	Horizontal	Pass
6	17233.762	56.98	24.13	74.0	-17.02	Peak	187.00	150	Horizontal	Pass
6**	17233.762	45.34	24.13	54.0	-8.66	AV	187.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1037.500	47.33	-15.03	74.0	-26.67	Peak	249.00	150	Vertical	Pass
1**	1037.500	37.24	-15.03	54.0	-16.76	AV	249.00	150	Vertical	Pass
2	2458.700	105.51	-10.28	74.0	31.51	Peak	278.00	150	Vertical	N/A
2**	2458.700	98.76	-10.28	54.0	44.76	AV	278.00	150	Vertical	N/A
3	4920.800	49.65	-1.08	74.0	-24.35	Peak	347.00	150	Vertical	Pass
3**	4920.800	45.78	-1.08	54.0	-8.22	AV	347.00	150	Vertical	Pass
4	4996.000	51.92	-0.97	74.0	-22.08	Peak	162.00	150	Vertical	Pass
4**	4996.000	48.06	-0.97	54.0	-5.94	AV	162.00	150	Vertical	Pass
5	9640.688	48.85	18.95	74.0	-25.15	Peak	132.00	150	Vertical	Pass
5**	9640.688	37.56	18.95	54.0	-16.44	AV	132.00	150	Vertical	Pass
6	15938.326	56.50	23.88	74.0	-17.50	Peak	332.00	150	Vertical	Pass
6**	15938.326	44.36	23.88	54.0	-9.64	AV	332.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Channel 12

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1224.200	49.04	-14.81	74.0	-24.96	Peak	99.00	150	Horizontal	Pass
1**	1224.200	39.32	-14.81	54.0	-14.68	AV	99.00	150	Horizontal	Pass
2	2465.900	102.82	-10.57	74.0	28.82	Peak	254.00	150	Horizontal	N/A
2**	2465.900	97.47	-10.57	54.0	43.47	AV	254.00	150	Horizontal	N/A
3	4936.200	47.35	-1.42	74.0	-26.65	Peak	64.00	150	Horizontal	Pass
3**	4936.200	45.09	-1.42	54.0	-8.91	AV	64.00	150	Horizontal	Pass
4	4999.200	52.61	-0.89	74.0	-21.39	Peak	109.00	150	Horizontal	Pass
4**	4999.200	46.50	-0.89	54.0	-7.50	AV	109.00	150	Horizontal	Pass
5	9902.599	49.66	17.72	74.0	-24.34	Peak	341.00	150	Horizontal	Pass
5**	9902.599	38.56	17.72	54.0	-15.44	AV	341.00	150	Horizontal	Pass
6	17260.800	55.89	24.25	74.0	-18.11	Peak	332.00	150	Horizontal	Pass
6**	17260.800	45.00	24.25	54.0	-9.00	AV	332.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Channel 12

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.400	46.22	-14.81	74.0	-27.78	Peak	259.00	150	Vertical	Pass
1**	1066.400	37.14	-14.81	54.0	-16.86	AV	259.00	150	Vertical	Pass
2	2465.900	103.63	-10.57	74.0	29.63	Peak	285.00	150	Vertical	N/A
2**	2465.900	97.79	-10.57	54.0	43.79	AV	285.00	150	Vertical	N/A
3	4933.200	50.60	-1.10	74.0	-23.40	Peak	8.00	150	Vertical	Pass
3**	4933.200	41.41	-1.10	54.0	-12.59	AV	8.00	150	Vertical	Pass
4	4995.200	55.29	-1.00	74.0	-18.71	Peak	146.00	150	Vertical	Pass
4**	4995.200	48.17	-1.00	54.0	-5.83	AV	146.00	150	Vertical	Pass
5	9639.250	49.40	18.94	74.0	-24.60	Peak	113.00	150	Vertical	Pass
5**	9639.250	37.93	18.94	54.0	-16.07	AV	113.00	150	Vertical	Pass
6	17419.088	56.38	23.64	74.0	-17.62	Peak	256.00	150	Vertical	Pass
6**	17419.088	45.47	23.64	54.0	-8.53	AV	256.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Channel 13

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1247.500	49.27	-14.88	74.0	-24.73	Peak	98.00	150	Horizontal	Pass
1**	1247.500	40.49	-14.88	54.0	-13.51	AV	98.00	150	Horizontal	Pass
2	2474.500	92.82	-10.56	74.0	18.82	Peak	310.00	150	Horizontal	N/A
2**	2474.500	85.64	-10.56	54.0	31.64	AV	310.00	150	Horizontal	N/A
3	4999.400	51.46	-0.90	74.0	-22.54	Peak	103.00	150	Horizontal	Pass
3**	4999.400	46.71	-0.90	54.0	-7.29	AV	103.00	150	Horizontal	Pass
4	6748.600	52.40	4.39	74.0	-21.60	Peak	344.00	150	Horizontal	Pass
4**	6748.600	43.71	4.39	54.0	-10.29	AV	344.00	150	Horizontal	Pass
5	9619.987	49.12	18.79	74.0	-24.88	Peak	73.00	150	Horizontal	Pass
5**	9619.987	37.21	18.79	54.0	-16.79	AV	73.00	150	Horizontal	Pass
6	17325.113	56.60	24.23	74.0	-17.40	Peak	179.00	150	Horizontal	Pass
6**	17325.113	45.20	24.23	54.0	-8.80	AV	179.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Channel 13

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1300.700	47.42	-14.73	74.0	-26.58	Peak	13.00	150	Vertical	Pass
1**	1300.700	38.80	-14.73	54.0	-15.20	AV	13.00	150	Vertical	Pass
2	2473.000	93.31	-10.66	74.0	19.31	Peak	282.00	150	Vertical	N/A
2**	2473.000	86.59	-10.66	54.0	32.59	AV	282.00	150	Vertical	N/A
3	4998.800	50.26	-0.87	74.0	-23.74	Peak	170.00	150	Vertical	Pass
3**	4998.800	47.54	-0.87	54.0	-6.46	AV	170.00	150	Vertical	Pass
4	6428.400	53.19	3.28	74.0	-20.81	Peak	290.00	150	Vertical	Pass
4**	6428.400	42.40	3.28	54.0	-11.60	AV	290.00	150	Vertical	Pass
5	9643.275	49.41	18.95	74.0	-24.59	Peak	327.00	150	Vertical	Pass
5**	9643.275	37.83	18.95	54.0	-16.17	AV	327.00	150	Vertical	Pass
6	17664.526	57.08	24.29	74.0	-16.92	Peak	266.00	150	Vertical	Pass
6**	17664.526	45.24	24.29	54.0	-8.76	AV	266.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Channel 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1222.900	48.62	-14.88	74.0	-25.38	Peak	122.00	150	Horizontal	Pass
1**	1222.900	39.88	-14.88	54.0	-14.12	AV	122.00	150	Horizontal	Pass
2	2408.200	106.00	-10.56	74.0	32.00	Peak	317.00	150	Horizontal	N/A
2**	2408.200	97.93	-10.56	54.0	43.93	AV	317.00	150	Horizontal	N/A
3	4826.400	50.88	-1.35	74.0	-23.12	Peak	146.00	150	Horizontal	Pass
3**	4826.400	46.90	-1.35	54.0	-7.10	AV	146.00	150	Horizontal	Pass
4	4997.800	51.43	-0.85	74.0	-22.57	Peak	49.00	150	Horizontal	Pass
4**	4997.800	47.47	-0.85	54.0	-6.53	AV	49.00	150	Horizontal	Pass
5	9618.263	49.10	18.79	74.0	-24.90	Peak	263.00	150	Horizontal	Pass
5**	9618.263	37.75	18.79	54.0	-16.25	AV	263.00	150	Horizontal	Pass
6	17226.676	56.03	24.03	74.0	-17.97	Peak	179.00	150	Horizontal	Pass
6**	17226.676	45.07	24.03	54.0	-8.93	AV	179.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Channel 1

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1037.900	47.28	-15.01	74.0	-26.72	Peak	251.00	150	Vertical	Pass
1**	1037.900	37.50	-15.01	54.0	-16.50	AV	251.00	150	Vertical	Pass
2	2416.200	103.32	-10.07	74.0	29.32	Peak	280.00	150	Vertical	N/A
2**	2416.200	97.99	-10.07	54.0	43.99	AV	280.00	150	Vertical	N/A
3	4825.400	50.07	-1.36	74.0	-23.93	Peak	39.00	150	Vertical	Pass
3**	4825.400	46.75	-1.36	54.0	-7.25	AV	39.00	150	Vertical	Pass
4	4978.200	51.63	-1.33	74.0	-22.37	Peak	181.00	150	Vertical	Pass
4**	4978.200	48.80	-1.33	54.0	-5.20	AV	181.00	150	Vertical	Pass
5	9625.737	49.12	18.84	74.0	-24.88	Peak	288.00	150	Vertical	Pass
5**	9625.737	38.62	18.84	54.0	-15.38	AV	288.00	150	Vertical	Pass
6	15554.550	55.68	23.60	74.0	-18.32	Peak	-2.00	150	Vertical	Pass
6**	15554.550	43.39	23.60	54.0	-10.61	AV	-2.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1271.100	48.80	-14.75	74.0	-25.20	Peak	115.00	150	Horizontal	Pass
1**	1271.100	39.40	-14.75	54.0	-14.60	AV	115.00	150	Horizontal	Pass
2	2435.200	103.87	-10.61	74.0	29.87	Peak	315.00	150	Horizontal	N/A
2**	2435.200	97.51	-10.61	54.0	43.51	AV	315.00	150	Horizontal	N/A
3	4872.800	49.16	-1.50	74.0	-24.84	Peak	8.00	150	Horizontal	Pass
3**	4872.800	46.00	-1.50	54.0	-8.00	AV	8.00	150	Horizontal	Pass
4	4979.200	51.69	-1.30	74.0	-22.31	Peak	121.00	150	Horizontal	Pass
4**	4979.200	46.19	-1.30	54.0	-7.81	AV	121.00	150	Horizontal	Pass
5	9820.088	50.19	17.54	74.0	-23.81	Peak	346.00	150	Horizontal	Pass
5**	9820.088	37.61	17.54	54.0	-16.39	AV	346.00	150	Horizontal	Pass
6	17168.400	56.57	23.47	74.0	-17.43	Peak	69.00	150	Horizontal	Pass
6**	17168.400	44.31	23.47	54.0	-9.69	AV	69.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.300	47.35	-14.94	74.0	-26.65	Peak	97.00	150	Vertical	Pass
1**	1155.300	39.57	-14.94	54.0	-14.43	AV	97.00	150	Vertical	Pass
2	2438.800	104.64	-10.56	74.0	30.64	Peak	273.00	150	Vertical	N/A
2**	2438.800	98.29	-10.56	54.0	44.29	AV	273.00	150	Vertical	N/A
3	4875.400	51.06	-1.51	74.0	-22.94	Peak	11.00	150	Vertical	Pass
3**	4875.400	45.30	-1.51	54.0	-8.70	AV	11.00	150	Vertical	Pass
4	4998.000	52.13	-0.84	74.0	-21.87	Peak	150.00	150	Vertical	Pass
4**	4998.000	47.11	-0.84	54.0	-6.89	AV	150.00	150	Vertical	Pass
5	8990.363	49.81	18.00	74.0	-24.19	Peak	330.00	150	Vertical	Pass
5**	8990.363	40.18	18.00	54.0	-13.82	AV	330.00	150	Vertical	Pass
6	17526.188	56.91	24.11	74.0	-17.09	Peak	347.00	150	Vertical	Pass
6**	17526.188	45.13	24.11	54.0	-8.87	AV	347.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1247.300	48.28	-14.88	74.0	-25.72	Peak	78.00	150	Horizontal	Pass
1**	1247.300	39.89	-14.88	54.0	-14.11	AV	78.00	150	Horizontal	Pass
2	2463.600	104.07	-10.48	74.0	30.07	Peak	253.00	150	Horizontal	N/A
2**	2463.600	98.69	-10.48	54.0	44.69	AV	253.00	150	Horizontal	N/A
3	4925.600	51.95	-1.08	74.0	-22.05	Peak	65.00	150	Horizontal	Pass
3**	4925.600	49.32	-1.08	54.0	-4.68	AV	65.00	150	Horizontal	Pass
4	4998.800	50.95	-0.87	74.0	-23.05	Peak	86.00	150	Horizontal	Pass
4**	4998.800	46.49	-0.87	54.0	-7.51	AV	86.00	150	Horizontal	Pass
5	8684.463	49.16	17.82	74.0	-24.84	Peak	319.00	150	Horizontal	Pass
5**	8684.463	36.82	17.82	54.0	-17.18	AV	319.00	150	Horizontal	Pass
6	17679.489	58.21	24.44	74.0	-15.79	Peak	323.00	150	Horizontal	Pass
6**	17679.489	47.29	24.44	54.0	-6.71	AV	323.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1026.400	48.17	-14.55	74.0	-25.83	Peak	249.00	150	Vertical	Pass
1**	1026.400	39.28	-14.55	54.0	-14.72	AV	249.00	150	Vertical	Pass
2	2464.400	104.88	-10.50	74.0	30.88	Peak	285.00	150	Vertical	N/A
2**	2464.400	98.50	-10.50	54.0	44.50	AV	285.00	150	Vertical	N/A
3	4923.000	48.90	-1.11	74.0	-25.10	Peak	45.00	150	Vertical	Pass
3**	4923.000	46.82	-1.11	54.0	-7.18	AV	45.00	150	Vertical	Pass
4	4999.400	52.80	-0.90	74.0	-21.20	Peak	143.00	150	Vertical	Pass
4**	4999.400	47.04	-0.90	54.0	-6.96	AV	143.00	150	Vertical	Pass
5	9552.425	49.22	18.03	74.0	-24.78	Peak	11.00	150	Vertical	Pass
5**	9552.425	38.43	18.03	54.0	-15.57	AV	11.00	150	Vertical	Pass
6	15479.213	55.84	23.65	74.0	-18.16	Peak	-2.00	150	Vertical	Pass
6**	15479.213	43.41	23.65	54.0	-10.59	AV	-2.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Channel 12

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1266.800	48.19	-14.70	74.0	-25.81	Peak	116.00	150	Horizontal	Pass
1**	1266.800	40.51	-14.70	54.0	-13.49	AV	116.00	150	Horizontal	Pass
2	2469.000	103.67	-10.66	74.0	29.67	Peak	318.00	150	Horizontal	N/A
2**	2469.000	96.68	-10.66	54.0	42.68	AV	318.00	150	Horizontal	N/A
3	4934.400	48.37	-1.10	74.0	-25.63	Peak	83.00	150	Horizontal	Pass
3**	4934.400	44.44	-1.10	54.0	-9.56	AV	83.00	150	Horizontal	Pass
4	4997.400	50.85	-0.88	74.0	-23.15	Peak	83.00	150	Horizontal	Pass
4**	4997.400	45.88	-0.88	54.0	-8.12	AV	83.00	150	Horizontal	Pass
5	9620.850	50.33	18.80	74.0	-23.67	Peak	90.00	150	Horizontal	Pass
5**	9620.850	38.99	18.80	54.0	-15.01	AV	90.00	150	Horizontal	Pass
6	17293.875	57.05	24.57	74.0	-16.95	Peak	249.00	150	Horizontal	Pass
6**	17293.875	45.75	24.57	54.0	-8.25	AV	249.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Channel 12

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.800	46.78	-15.06	74.0	-27.22	Peak	100.00	150	Vertical	Pass
1**	1144.800	38.30	-15.06	54.0	-15.70	AV	100.00	150	Vertical	Pass
2	2464.300	102.89	-10.50	74.0	28.89	Peak	273.00	150	Vertical	N/A
2**	2464.300	95.77	-10.50	54.0	41.77	AV	273.00	150	Vertical	N/A
3	4932.000	49.19	-1.10	74.0	-24.81	Peak	354.00	150	Vertical	Pass
3**	4932.000	42.86	-1.10	54.0	-11.14	AV	354.00	150	Vertical	Pass
4	4978.200	53.03	-1.33	74.0	-20.97	Peak	144.00	150	Vertical	Pass
4**	4978.200	47.27	-1.33	54.0	-6.73	AV	144.00	150	Vertical	Pass
5	9976.487	49.39	17.71	74.0	-24.61	Peak	111.00	150	Vertical	Pass
5**	9976.487	39.37	17.71	54.0	-14.63	AV	111.00	150	Vertical	Pass
6	15565.050	55.70	23.58	74.0	-18.30	Peak	203.00	150	Vertical	Pass
6**	15565.050	43.05	23.58	54.0	-10.95	AV	203.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Channel 13

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1232.300	49.05	-14.74	74.0	-24.95	Peak	78.00	150	Horizontal	Pass
1**	1232.300	40.50	-14.74	54.0	-13.50	AV	78.00	150	Horizontal	Pass
2	2477.300	92.28	-10.47	74.0	18.28	Peak	251.00	150	Horizontal	N/A
2**	2477.300	85.53	-10.47	54.0	31.53	AV	251.00	150	Horizontal	N/A
3	4999.400	52.46	-0.90	74.0	-21.54	Peak	0.00	150	Horizontal	Pass
3**	4999.400	45.56	-0.90	54.0	-8.44	AV	0.00	150	Horizontal	Pass
4	6970.200	52.45	5.13	74.0	-21.55	Peak	15.00	150	Horizontal	Pass
4**	6970.200	42.84	5.13	54.0	-11.16	AV	15.00	150	Horizontal	Pass
5	10461.500	49.65	18.74	74.0	-24.35	Peak	360.00	150	Horizontal	Pass
5**	10461.500	38.19	18.74	54.0	-15.81	AV	360.00	150	Horizontal	Pass
6	15523.049	55.95	23.76	74.0	-18.05	Peak	57.00	150	Horizontal	Pass
6**	15523.049	44.51	23.76	54.0	-9.49	AV	57.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Channel 13

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1152.800	46.66	-14.93	74.0	-27.34	Peak	104.00	150	Vertical	Pass
1**	1152.800	37.91	-14.93	54.0	-16.09	AV	104.00	150	Vertical	Pass
2	2477.500	93.56	-10.47	74.0	19.56	Peak	287.00	150	Vertical	N/A
2**	2477.500	85.95	-10.47	54.0	31.95	AV	287.00	150	Vertical	N/A
3	4998.600	51.87	-0.85	74.0	-22.13	Peak	134.00	150	Vertical	Pass
3**	4998.600	47.81	-0.85	54.0	-6.19	AV	134.00	150	Vertical	Pass
4	6908.800	52.89	4.75	74.0	-21.11	Peak	338.00	150	Vertical	Pass
4**	6908.800	43.68	4.75	54.0	-10.32	AV	338.00	150	Vertical	Pass
5	10101.838	48.91	17.42	74.0	-25.09	Peak	297.00	150	Vertical	Pass
5**	10101.838	39.08	17.42	54.0	-14.92	AV	297.00	150	Vertical	Pass
6	17863.762	57.38	24.28	74.0	-16.62	Peak	147.00	150	Vertical	Pass
6**	17863.762	45.23	24.28	54.0	-8.77	AV	147.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1248.300	49.02	-14.90	74.0	-24.98	Peak	82.00	150	Horizontal	Pass
1**	1248.300	38.43	-14.90	54.0	-15.57	AV	82.00	150	Horizontal	Pass
2	2410.900	100.26	-10.38	74.0	26.26	Peak	316.00	150	Horizontal	N/A
2**	2410.900	93.40	-10.38	54.0	39.40	AV	316.00	150	Horizontal	N/A
3	4983.200	49.57	-1.36	74.0	-24.43	Peak	122.00	150	Horizontal	Pass
3**	4983.200	45.28	-1.36	54.0	-8.72	AV	122.00	150	Horizontal	Pass
4	6917.800	53.25	4.62	74.0	-20.75	Peak	194.00	150	Horizontal	Pass
4**	6917.800	44.11	4.62	54.0	-9.89	AV	194.00	150	Horizontal	Pass
5	9964.987	49.55	17.77	74.0	-24.45	Peak	225.00	150	Horizontal	Pass
5**	9964.987	37.26	17.77	54.0	-16.74	AV	225.00	150	Horizontal	Pass
6	17262.637	56.74	24.28	74.0	-17.26	Peak	151.00	150	Horizontal	Pass
6**	17262.637	44.98	24.28	54.0	-9.02	AV	151.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1312.600	47.80	-14.69	74.0	-26.20	Peak	0.00	150	Vertical	Pass
1**	1312.600	37.47	-14.69	54.0	-16.53	AV	0.00	150	Vertical	Pass
2	2433.500	99.95	-10.43	74.0	25.95	Peak	279.00	150	Vertical	N/A
2**	2433.500	92.25	-10.43	54.0	38.25	AV	279.00	150	Vertical	N/A
3	4995.400	53.75	-1.00	74.0	-20.25	Peak	144.00	150	Vertical	Pass
3**	4995.400	47.57	-1.00	54.0	-6.43	AV	144.00	150	Vertical	Pass
4	6952.800	53.61	4.29	74.0	-20.39	Peak	71.00	150	Vertical	Pass
4**	6952.800	43.05	4.29	54.0	-10.95	AV	71.00	150	Vertical	Pass
5	9116.575	50.07	17.93	74.0	-23.93	Peak	75.00	150	Vertical	Pass
5**	9116.575	38.54	17.93	54.0	-15.46	AV	75.00	150	Vertical	Pass
6	15975.862	55.37	24.00	74.0	-18.63	Peak	159.00	150	Vertical	Pass
6**	15975.862	43.40	24.00	54.0	-10.60	AV	159.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 4

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1261.700	48.81	-14.88	74.0	-25.19	Peak	79.00	150	Horizontal	Pass
1**	1261.700	39.80	-14.88	54.0	-14.20	AV	79.00	150	Horizontal	Pass
2	2432.100	102.54	-10.41	74.0	28.54	Peak	259.00	150	Horizontal	N/A
2**	2432.100	95.90	-10.41	54.0	41.90	AV	259.00	150	Horizontal	N/A
3	4855.800	48.61	-1.24	74.0	-25.39	Peak	199.00	150	Horizontal	Pass
3**	4855.800	45.04	-1.24	54.0	-8.96	AV	199.00	150	Horizontal	Pass
4	4999.400	51.64	-0.90	74.0	-22.36	Peak	94.00	150	Horizontal	Pass
4**	4999.400	46.15	-0.90	54.0	-7.85	AV	94.00	150	Horizontal	Pass
5	9623.725	49.38	18.82	74.0	-24.62	Peak	131.00	150	Horizontal	Pass
5**	9623.725	38.41	18.82	54.0	-15.59	AV	131.00	150	Horizontal	Pass
6	17294.137	56.64	24.57	74.0	-17.36	Peak	216.00	150	Horizontal	Pass
6**	17294.137	44.83	24.57	54.0	-9.17	AV	216.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 4

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1301.100	47.09	-14.76	74.0	-26.91	Peak	11.00	150	Vertical	Pass
1**	1301.100	38.94	-14.76	54.0	-15.06	AV	11.00	150	Vertical	Pass
2	2429.500	102.29	-10.32	74.0	28.29	Peak	277.00	150	Vertical	N/A
2**	2429.500	95.06	-10.32	54.0	41.06	AV	277.00	150	Vertical	N/A
3	4855.400	47.54	-1.25	74.0	-26.46	Peak	238.00	150	Vertical	Pass
3**	4855.400	44.82	-1.25	54.0	-9.18	AV	238.00	150	Vertical	Pass
4	4993.800	51.42	-1.06	74.0	-22.58	Peak	160.00	150	Vertical	Pass
4**	4993.800	48.19	-1.06	54.0	-5.81	AV	160.00	150	Vertical	Pass
5	9620.563	49.19	18.80	74.0	-24.81	Peak	306.00	150	Vertical	Pass
5**	9620.563	37.74	18.80	54.0	-16.26	AV	306.00	150	Vertical	Pass
6	17799.449	57.23	23.87	74.0	-16.77	Peak	360.00	150	Vertical	Pass
6**	17799.449	44.97	23.87	54.0	-9.03	AV	360.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1247.500	48.41	-14.88	74.0	-25.59	Peak	75.00	150	Horizontal	Pass
1**	1247.500	38.16	-14.88	54.0	-15.84	AV	75.00	150	Horizontal	Pass
2	2440.300	103.44	-10.52	74.0	29.44	Peak	319.00	150	Horizontal	N/A
2**	2440.300	96.96	-10.52	54.0	42.96	AV	319.00	150	Horizontal	N/A
3	4875.400	49.64	-1.51	74.0	-24.36	Peak	90.00	150	Horizontal	Pass
3**	4875.400	45.28	-1.51	54.0	-8.72	AV	90.00	150	Horizontal	Pass
4	4996.000	52.02	-0.97	74.0	-21.98	Peak	104.00	150	Horizontal	Pass
4**	4996.000	46.16	-0.97	54.0	-7.84	AV	104.00	150	Horizontal	Pass
5	9634.076	49.44	18.90	74.0	-24.56	Peak	239.00	150	Horizontal	Pass
5**	9634.076	37.70	18.90	54.0	-16.30	AV	239.00	150	Horizontal	Pass
6	17276.551	56.14	24.45	74.0	-17.86	Peak	279.00	150	Horizontal	Pass
6**	17276.551	45.68	24.45	54.0	-8.32	AV	279.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1187.100	46.90	-15.04	74.0	-27.10	Peak	43.00	150	Vertical	Pass
1**	1187.100	34.94	-15.04	54.0	-19.06	AV	43.00	150	Vertical	Pass
2	2434.700	102.98	-10.55	74.0	28.98	Peak	292.00	150	Vertical	N/A
2**	2434.700	96.13	-10.55	54.0	42.13	AV	292.00	150	Vertical	N/A
3	4866.400	46.83	-1.63	74.0	-27.17	Peak	55.00	150	Vertical	Pass
3**	4866.400	44.10	-1.63	54.0	-9.90	AV	55.00	150	Vertical	Pass
4	4999.200	52.83	-0.89	74.0	-21.17	Peak	150.00	150	Vertical	Pass
4**	4999.200	48.09	-0.89	54.0	-5.91	AV	150.00	150	Vertical	Pass
5	9655.349	49.16	18.89	74.0	-24.84	Peak	244.00	150	Vertical	Pass
5**	9655.349	37.99	18.89	54.0	-16.01	AV	244.00	150	Vertical	Pass
6	17297.814	57.17	24.58	74.0	-16.83	Peak	143.00	150	Vertical	Pass
6**	17297.814	44.70	24.58	54.0	-9.30	AV	143.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1289.800	48.95	-14.82	74.0	-25.05	Peak	127.00	150	Horizontal	Pass
1**	1289.800	40.11	-14.82	54.0	-13.89	AV	127.00	150	Horizontal	Pass
2	2437.100	102.39	-10.61	74.0	28.39	Peak	313.00	150	Horizontal	N/A
2**	2437.100	96.70	-10.61	54.0	42.70	AV	313.00	150	Horizontal	N/A
3	4887.200	48.50	-1.03	74.0	-25.50	Peak	60.00	150	Horizontal	Pass
3**	4887.200	44.51	-1.03	54.0	-9.49	AV	60.00	150	Horizontal	Pass
4	4997.800	51.31	-0.85	74.0	-22.69	Peak	101.00	150	Horizontal	Pass
4**	4997.800	45.22	-0.85	54.0	-8.78	AV	101.00	150	Horizontal	Pass
5	9043.838	49.41	18.19	74.0	-24.59	Peak	110.00	150	Horizontal	Pass
5**	9043.838	38.02	18.19	54.0	-15.98	AV	110.00	150	Horizontal	Pass
6	17674.762	56.72	24.39	74.0	-17.28	Peak	79.00	150	Horizontal	Pass
6**	17674.762	45.79	24.39	54.0	-8.21	AV	79.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.700	46.86	-15.33	74.0	-27.14	Peak	37.00	150	Vertical	Pass
1**	1114.700	37.15	-15.33	54.0	-16.85	AV	37.00	150	Vertical	Pass
2	2445.300	102.41	-10.40	74.0	28.41	Peak	277.00	150	Vertical	N/A
2**	2445.300	95.79	-10.40	54.0	41.79	AV	277.00	150	Vertical	N/A
3	4872.800	46.47	-1.50	74.0	-27.53	Peak	60.00	150	Vertical	Pass
3**	4872.800	43.65	-1.50	54.0	-10.35	AV	60.00	150	Vertical	Pass
4	4999.000	52.77	-0.88	74.0	-21.23	Peak	147.00	150	Vertical	Pass
4**	4999.000	47.32	-0.88	54.0	-6.68	AV	147.00	150	Vertical	Pass
5	9571.687	49.01	18.35	74.0	-24.99	Peak	67.00	150	Vertical	Pass
5**	9571.687	37.73	18.35	54.0	-16.27	AV	67.00	150	Vertical	Pass
6	17418.562	56.05	23.64	74.0	-17.95	Peak	267.00	150	Vertical	Pass
6**	17418.562	45.20	23.64	54.0	-8.80	AV	267.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1272.200	48.71	-14.81	74.0	-25.29	Peak	112.00	150	Horizontal	Pass
1**	1272.200	38.77	-14.81	54.0	-15.23	AV	112.00	150	Horizontal	Pass
2	2442.200	102.79	-10.50	74.0	28.79	Peak	324.00	150	Horizontal	N/A
2**	2442.200	95.80	-10.50	54.0	41.80	AV	324.00	150	Horizontal	N/A
3	4895.600	47.33	-1.10	74.0	-26.67	Peak	94.00	150	Horizontal	Pass
3**	4895.600	45.00	-1.10	54.0	-9.00	AV	94.00	150	Horizontal	Pass
4	4998.800	53.04	-0.87	74.0	-20.96	Peak	80.00	150	Horizontal	Pass
4**	4998.800	46.40	-0.87	54.0	-7.60	AV	80.00	150	Horizontal	Pass
5	9617.401	50.07	18.79	74.0	-23.93	Peak	12.00	150	Horizontal	Pass
5**	9617.401	39.17	18.79	54.0	-14.83	AV	12.00	150	Horizontal	Pass
6	17867.438	57.06	24.31	74.0	-16.94	Peak	9.00	150	Horizontal	Pass
6**	17867.438	45.74	24.31	54.0	-8.26	AV	9.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1011.500	47.77	-14.40	74.0	-26.23	Peak	236.00	150	Vertical	Pass
1**	1011.500	38.99	-14.40	54.0	-15.01	AV	236.00	150	Vertical	Pass
2	2448.700	101.60	-10.17	74.0	27.60	Peak	277.00	150	Vertical	N/A
2**	2448.700	95.01	-10.17	54.0	41.01	AV	277.00	150	Vertical	N/A
3	4977.600	51.89	-1.34	74.0	-22.11	Peak	151.00	150	Vertical	Pass
3**	4977.600	47.17	-1.34	54.0	-6.83	AV	151.00	150	Vertical	Pass
4	6973.800	53.39	5.15	74.0	-20.61	Peak	166.00	150	Vertical	Pass
4**	6973.800	43.68	5.15	54.0	-10.32	AV	166.00	150	Vertical	Pass
5	9606.762	50.12	18.78	74.0	-23.88	Peak	310.00	150	Vertical	Pass
5**	9606.762	38.25	18.78	54.0	-15.75	AV	310.00	150	Vertical	Pass
6	17263.688	56.19	24.29	74.0	-17.81	Peak	-1.00	150	Vertical	Pass
6**	17263.688	44.79	24.29	54.0	-9.21	AV	-1.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1216.100	48.65	-14.89	74.0	-25.35	Peak	82.00	150	Horizontal	Pass
1**	1216.100	39.46	-14.89	54.0	-14.54	AV	82.00	150	Horizontal	Pass
2	2440.700	100.95	-10.52	74.0	26.95	Peak	326.00	150	Horizontal	N/A
2**	2440.700	94.64	-10.52	54.0	40.64	AV	326.00	150	Horizontal	N/A
3	4999.200	52.15	-0.89	74.0	-21.85	Peak	80.00	150	Horizontal	Pass
3**	4999.200	46.37	-0.89	54.0	-7.63	AV	80.00	150	Horizontal	Pass
4	6977.400	53.01	5.08	74.0	-20.99	Peak	0.00	150	Horizontal	Pass
4**	6977.400	45.22	5.08	54.0	-8.78	AV	0.00	150	Horizontal	Pass
5	9592.963	48.79	18.67	74.0	-25.21	Peak	173.00	150	Horizontal	Pass
5**	9592.963	37.96	18.67	54.0	-16.04	AV	173.00	150	Horizontal	Pass
6	17189.401	56.44	23.70	74.0	-17.56	Peak	182.00	150	Horizontal	Pass
6**	17189.401	43.87	23.70	54.0	-10.13	AV	182.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1325.000	47.28	-14.81	74.0	-26.72	Peak	0.00	150	Vertical	Pass
1**	1325.000	38.19	-14.81	54.0	-15.81	AV	0.00	150	Vertical	Pass
2	2449.800	101.15	-10.26	74.0	27.15	Peak	283.00	150	Vertical	N/A
2**	2449.800	94.66	-10.26	54.0	40.66	AV	283.00	150	Vertical	N/A
3	4906.400	46.89	-0.72	74.0	-27.11	Peak	286.00	150	Vertical	Pass
3**	4906.400	42.81	-0.72	54.0	-11.19	AV	286.00	150	Vertical	Pass
4	4986.000	51.05	-1.23	74.0	-22.95	Peak	135.00	150	Vertical	Pass
4**	4986.000	47.63	-1.23	54.0	-6.37	AV	135.00	150	Vertical	Pass
5	9563.350	49.48	18.23	74.0	-24.52	Peak	268.00	150	Vertical	Pass
5**	9563.350	37.59	18.23	54.0	-16.41	AV	268.00	150	Vertical	Pass
6	17332.464	56.52	24.09	74.0	-17.48	Peak	19.00	150	Vertical	Pass
6**	17332.464	45.11	24.09	54.0	-8.89	AV	19.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1237.700	49.54	-14.86	74.0	-24.46	Peak	77.00	150	Horizontal	Pass
1**	1237.700	39.91	-14.86	54.0	-14.09	AV	77.00	150	Horizontal	Pass
2	2446.800	95.21	-10.28	74.0	21.21	Peak	324.00	150	Horizontal	N/A
2**	2446.800	87.53	-10.28	54.0	33.53	AV	324.00	150	Horizontal	N/A
3	4998.600	50.85	-0.85	74.0	-23.15	Peak	122.00	150	Horizontal	Pass
3**	4998.600	46.01	-0.85	54.0	-7.99	AV	122.00	150	Horizontal	Pass
4	6658.400	53.37	4.26	74.0	-20.63	Peak	204.00	150	Horizontal	Pass
4**	6658.400	43.56	4.26	54.0	-10.44	AV	204.00	150	Horizontal	Pass
5	9553.863	49.50	18.06	74.0	-24.50	Peak	117.00	150	Horizontal	Pass
5**	9553.863	36.75	18.06	54.0	-17.25	AV	117.00	150	Horizontal	Pass
6	17678.438	57.18	24.43	74.0	-16.82	Peak	200.00	150	Horizontal	Pass
6**	17678.438	46.09	24.43	54.0	-7.91	AV	200.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1116.700	46.84	-15.32	74.0	-27.16	Peak	39.00	150	Vertical	Pass
1**	1116.700	37.78	-15.32	54.0	-16.22	AV	39.00	150	Vertical	Pass
2	2451.100	95.86	-10.27	74.0	21.86	Peak	292.00	150	Vertical	N/A
2**	2451.100	87.61	-10.27	54.0	33.61	AV	292.00	150	Vertical	N/A
3	4996.800	51.97	-0.92	74.0	-22.03	Peak	134.00	150	Vertical	Pass
3**	4996.800	47.99	-0.92	54.0	-6.01	AV	134.00	150	Vertical	Pass
4	6912.200	52.46	4.70	74.0	-21.54	Peak	315.00	150	Vertical	Pass
4**	6912.200	44.70	4.70	54.0	-9.30	AV	315.00	150	Vertical	Pass
5	9932.787	49.17	17.82	74.0	-24.83	Peak	74.00	150	Vertical	Pass
5**	9932.787	37.01	17.82	54.0	-16.99	AV	74.00	150	Vertical	Pass
6	17270.512	56.80	24.38	74.0	-17.20	Peak	142.00	150	Vertical	Pass
6**	17270.512	44.51	24.38	54.0	-9.49	AV	142.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1232.000	48.76	-14.76	74.0	-25.24	Peak	105.00	150	Horizontal	Pass
1**	1232.000	40.54	-14.76	54.0	-13.46	AV	105.00	150	Horizontal	Pass
2	2457.400	89.03	-10.24	74.0	15.03	Peak	311.00	150	Horizontal	N/A
2**	2457.400	80.61	-10.24	54.0	26.61	AV	311.00	150	Horizontal	N/A
3	4999.800	52.48	-0.92	74.0	-21.52	Peak	85.00	150	Horizontal	Pass
3**	4999.800	46.29	-0.92	54.0	-7.71	AV	85.00	150	Horizontal	Pass
4	6964.200	53.03	4.80	74.0	-20.97	Peak	263.00	150	Horizontal	Pass
4**	6964.200	44.29	4.80	54.0	-9.71	AV	263.00	150	Horizontal	Pass
5	9639.537	49.07	18.94	74.0	-24.93	Peak	105.00	150	Horizontal	Pass
5**	9639.537	37.56	18.94	54.0	-16.44	AV	105.00	150	Horizontal	Pass
6	17304.113	56.30	24.54	74.0	-17.70	Peak	210.00	150	Horizontal	Pass
6**	17304.113	46.01	24.54	54.0	-7.99	AV	210.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.200	46.66	-14.86	74.0	-27.34	Peak	252.00	150	Vertical	Pass
1**	1065.200	37.51	-14.86	54.0	-16.49	AV	252.00	150	Vertical	Pass
2	2464.500	89.75	-10.51	74.0	15.75	Peak	282.00	150	Vertical	N/A
2**	2464.500	82.48	-10.51	54.0	28.48	AV	282.00	150	Vertical	N/A
3	4998.600	53.83	-0.85	74.0	-20.17	Peak	146.00	150	Vertical	Pass
3**	4998.600	47.57	-0.85	54.0	-6.43	AV	146.00	150	Vertical	Pass
4	6986.800	53.05	4.41	74.0	-20.95	Peak	179.00	150	Vertical	Pass
4**	6986.800	45.04	4.41	54.0	-8.96	AV	179.00	150	Vertical	Pass
5	9906.050	48.95	17.74	74.0	-25.05	Peak	31.00	150	Vertical	Pass
5**	9906.050	37.42	17.74	54.0	-16.58	AV	31.00	150	Vertical	Pass
6	17875.050	57.65	24.38	74.0	-16.35	Peak	11.00	150	Vertical	Pass
6**	17875.050	44.64	24.38	54.0	-9.36	AV	11.00	150	Vertical	Pass

A.7 Band Edge (Restricted-band band-edge)

Test Data

Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note ³: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

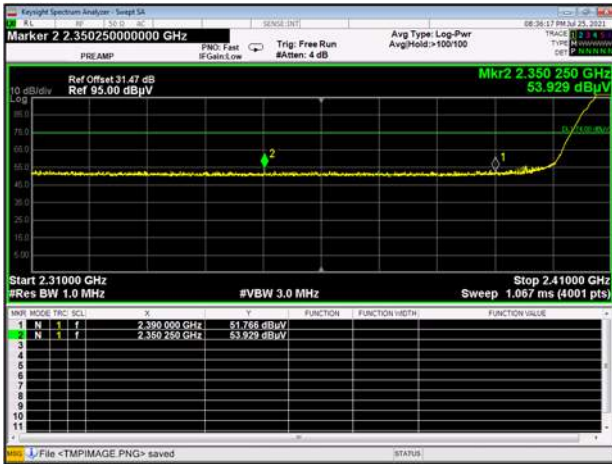
Note ⁴: All antenna were tested, but only the worst case has been reported in this report.

Test Mode	Test Channel	Frequency (MHz)	Level (dBuV/m)	Factor (dB)	Limit Line (dBuV/m)	Margin (dB)	Remark	Verdict
802.11b	Low	2390	53.929	31.47	74	20.071	PEAK	Pass
		2390	N/A	N/A	54	N/A	AVERAGE	Pass
	HIGH	2483.5	59.260	31.40	74	14.740	PEAK	Pass
		2483.5	49.203	31.40	54	4.797	AVERAGE	Pass
802.11g	Low	2390	58.909	31.47	74	15.091	PEAK	Pass
		2390	46.561	31.47	54	7.439	AVERAGE	Pass
	HIGH	2483.5	63.297	31.40	74	10.703	PEAK	Pass
		2483.5	49.831	31.40	54	4.169	AVERAGE	Pass
802.11n20	Low	2390	61.243	31.47	74	12.757	PEAK	Pass
		2390	49.594	31.47	54	4.406	AVERAGE	Pass
	HIGH	2483.5	66.080	31.40	74	7.920	PEAK	Pass
		2483.5	51.250	31.40	54	2.750	AVERAGE	Pass
802.11n40	Low	2390	60.975	31.47	74	13.025	PEAK	Pass
		2390	50.324	31.47	54	3.676	AVERAGE	Pass
	HIGH	2483.5	61.779	31.40	74	12.221	PEAK	Pass
		2483.5	49.717	31.40	54	4.283	AVERAGE	Pass

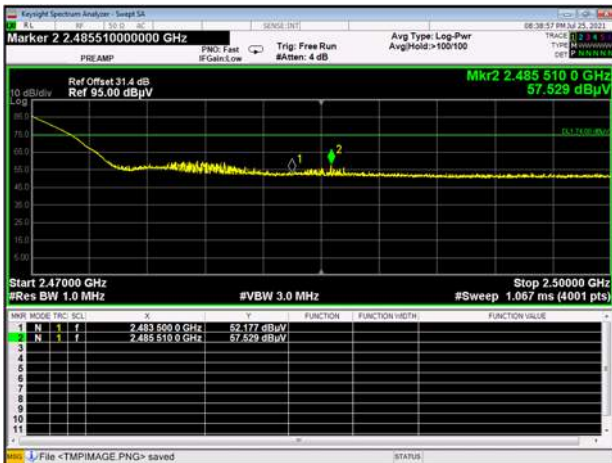
Test plots

802.11b Mode:

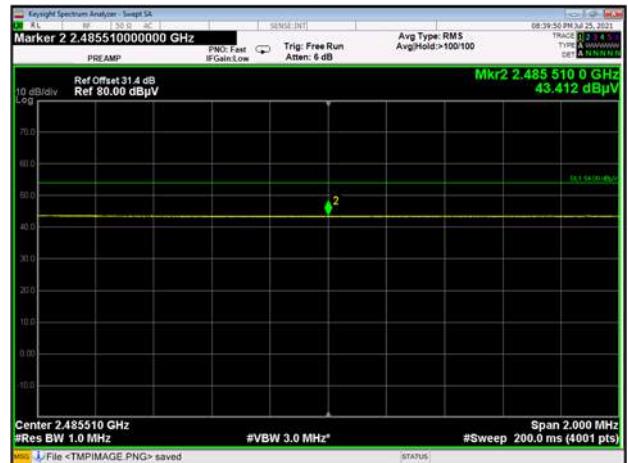
CHANNEL 1, PEAK



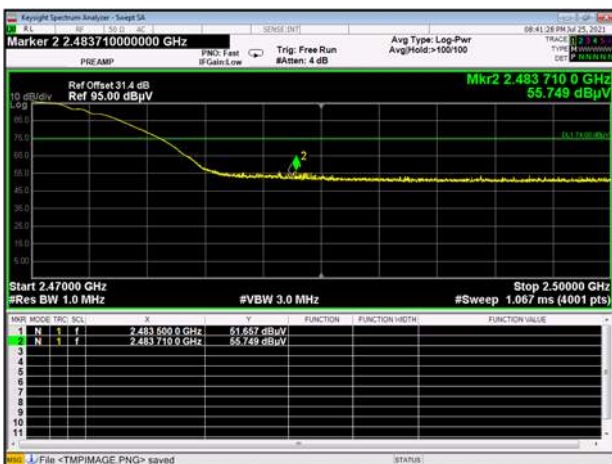
CHANNEL 11, PEAK



CHANNEL 11, AV



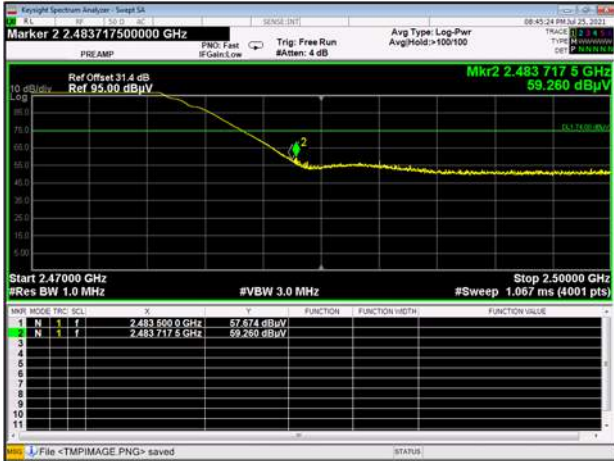
CHANNEL 12, PEAK



CHANNEL 12, AV



CHANNEL 13, PEAK



CHANNEL 13, AV

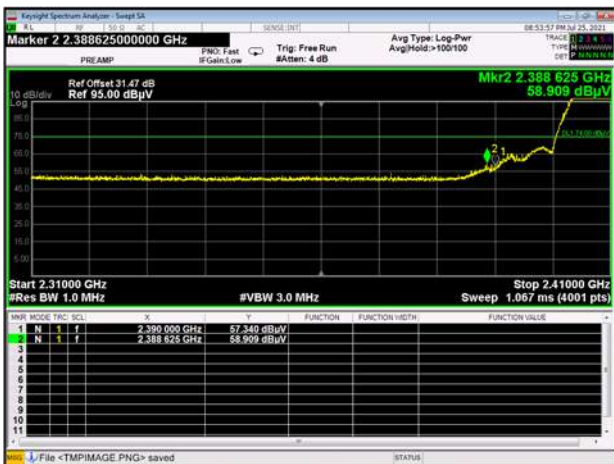


CHANNEL 13, AV

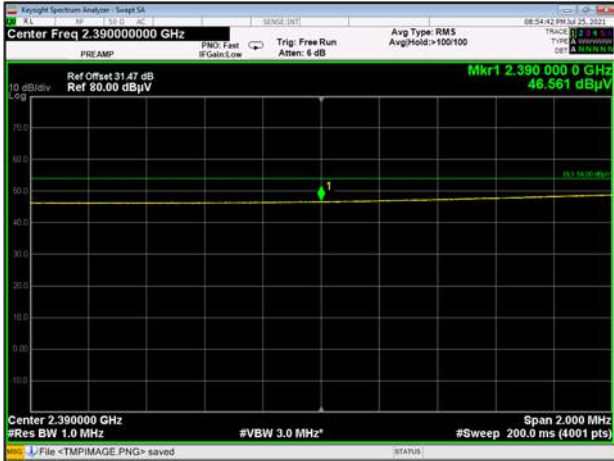


802.11g Mode:

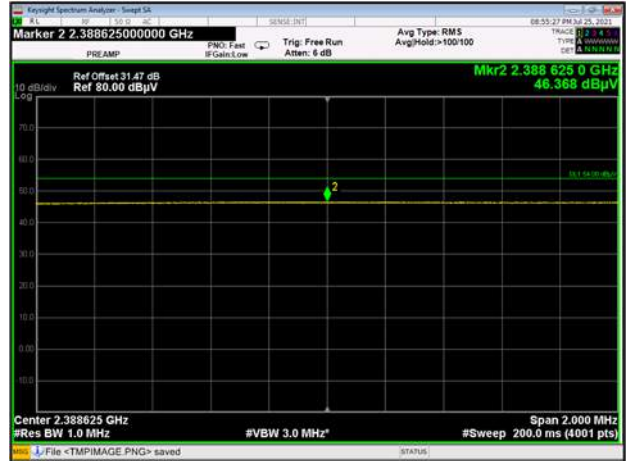
CHANNEL 1, PEAK



CHANNEL 1, AV



CHANNEL 1, AV



CHANNEL 11, PEAK



CHANNEL 11, AV



CHANNEL 11, AV



CHANNEL 12, PEAK



CHANNEL 12, AV



CHANNEL 12, AV



CHANNEL 13, PEAK



CHANNEL 13, AV

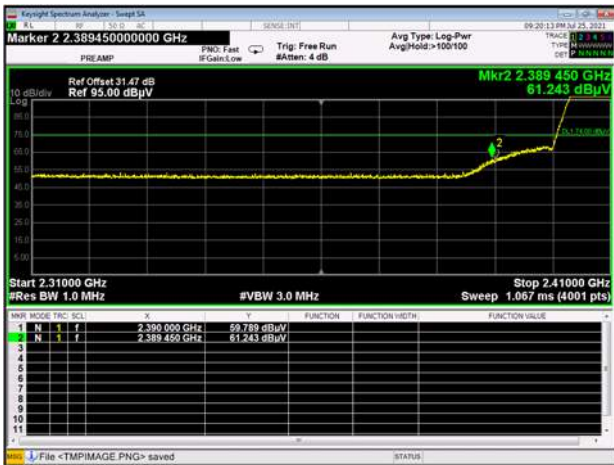


CHANNEL 13, AV

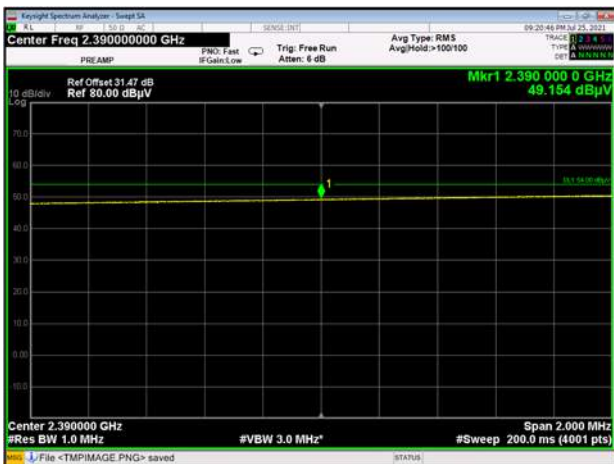


802.11n-20 MHz Mode:

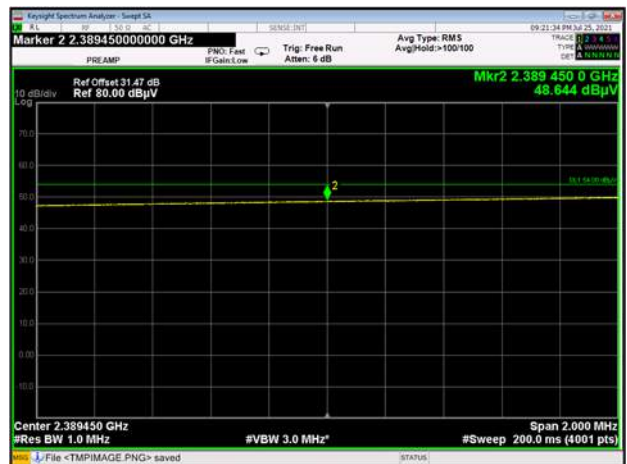
CHANNEL 1, PEAK



CHANNEL 1, AV



CHANNEL 1, AV



CHANNEL 11, PEAK



CHANNEL 11, AV



CHANNEL 11, AV



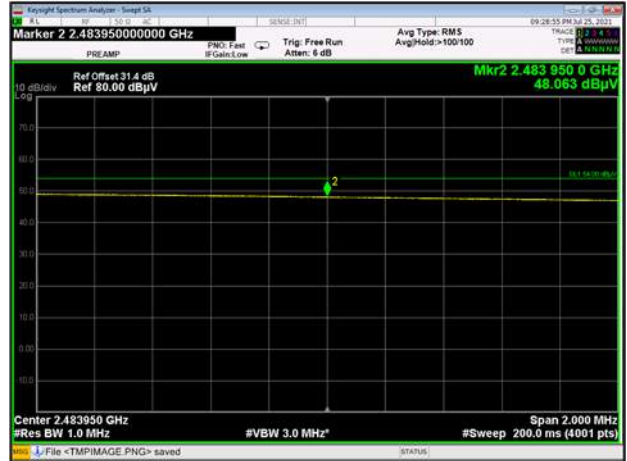
CHANNEL 12, PEAK



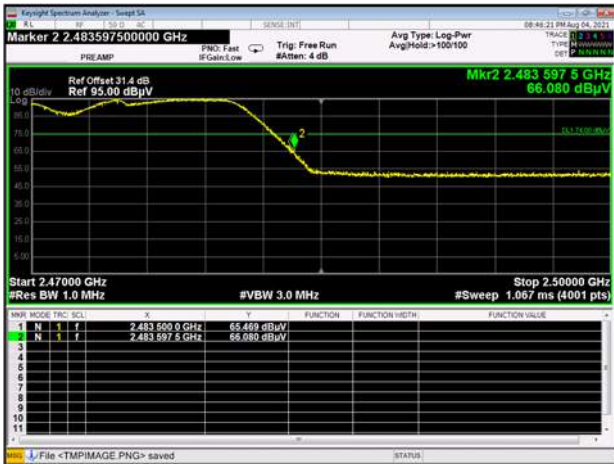
CHANNEL 12, AV



CHANNEL 12, AV



CHANNEL 13, PEAK



CHANNEL 13, AV

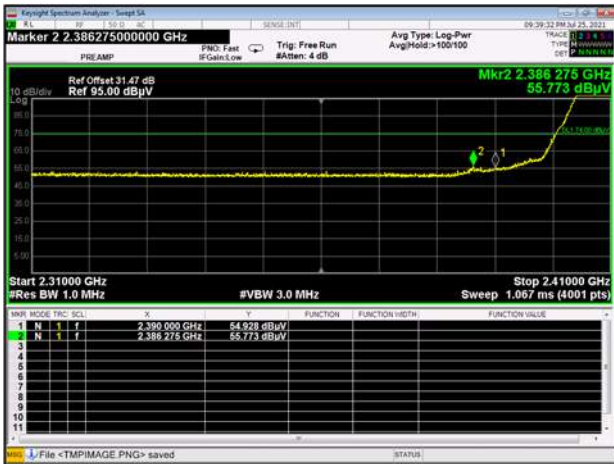


CHANNEL 13, AV

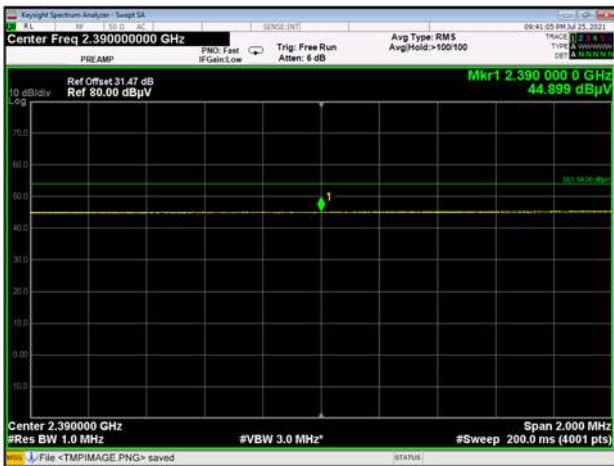


802.11n-40 MHz Mode:

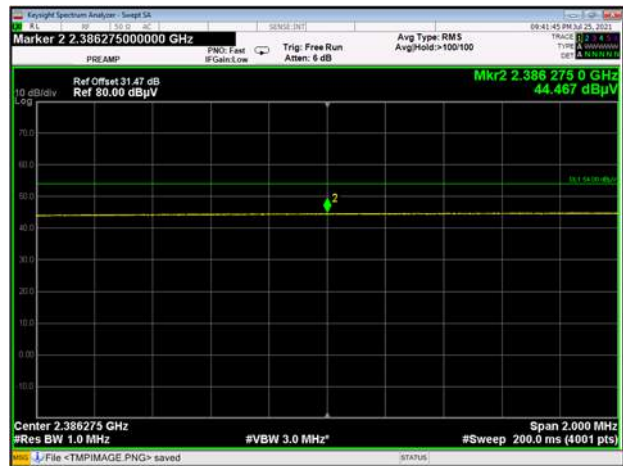
CHANNEL 3, PEAK



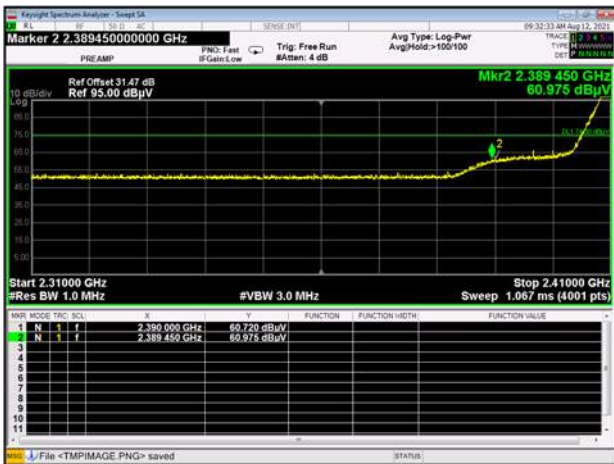
CHANNEL 3, AV



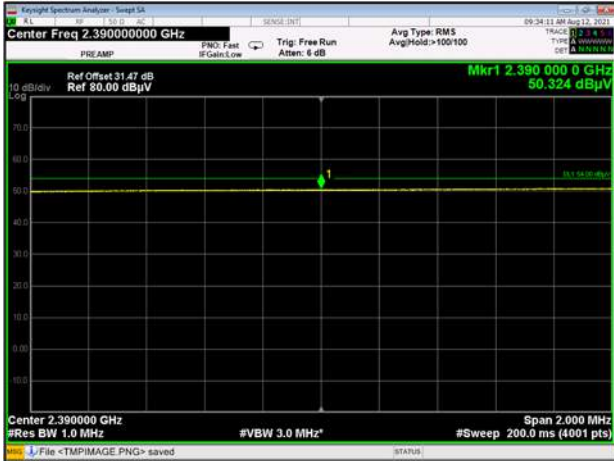
CHANNEL 3, AV



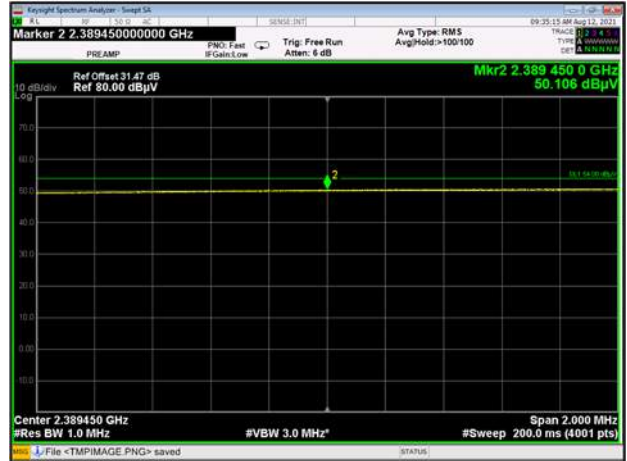
CHANNEL 4, PEAK



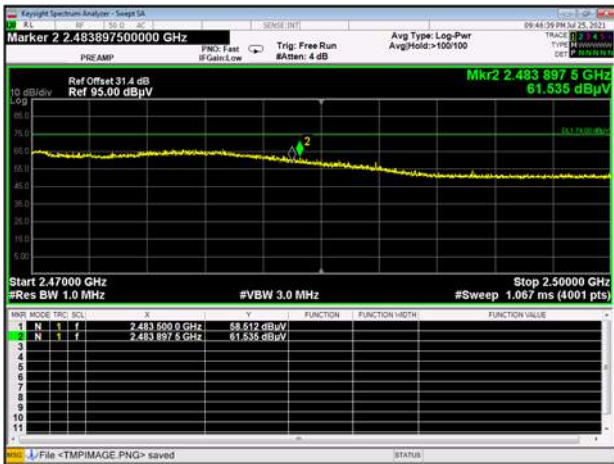
CHANNEL 4, AV



CHANNEL 4, AV



CHANNEL 7, PEAK



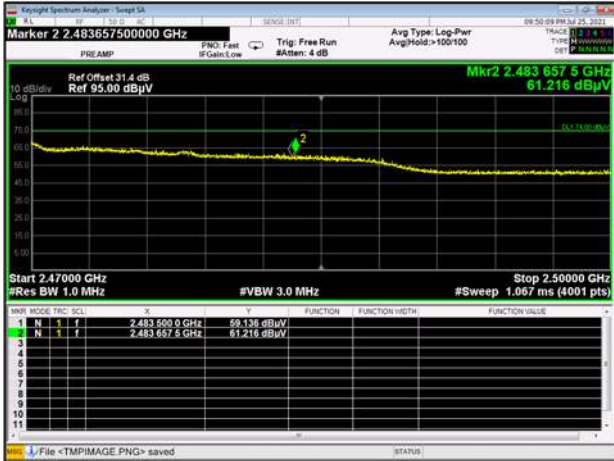
CHANNEL 7, AV



CHANNEL 7, AV



CHANNEL 8, PEAK



CHANNEL 8, AV



CHANNEL 8, AV



CHANNEL 9, PEAK

