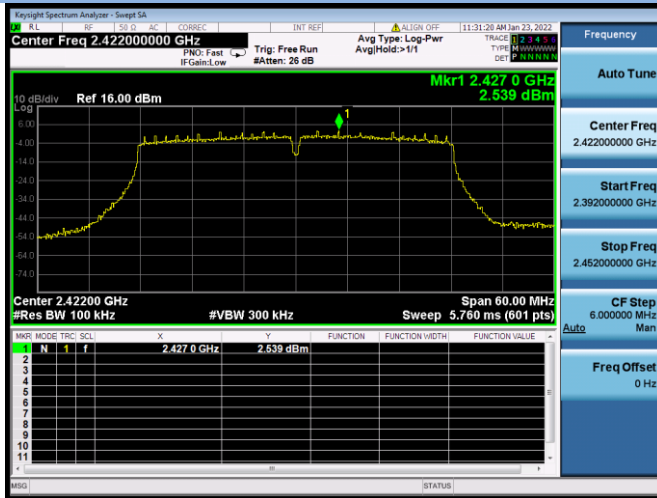
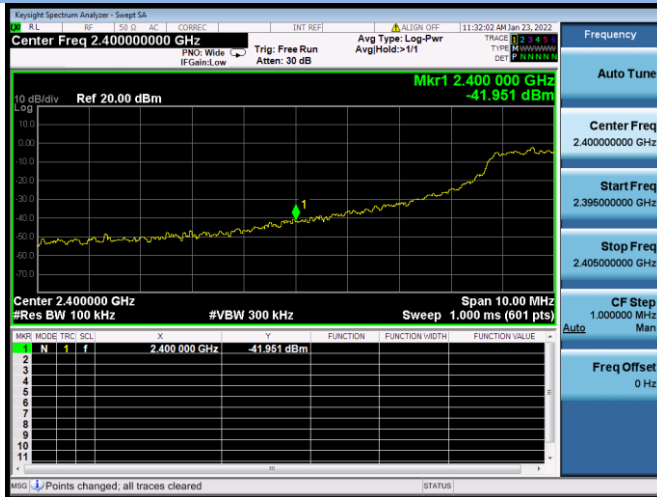


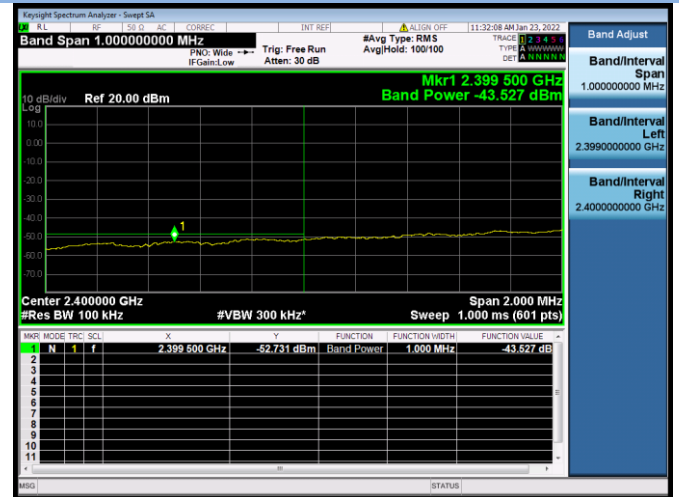
VHT(40 MHz) CHANNEL 3, Carrier level



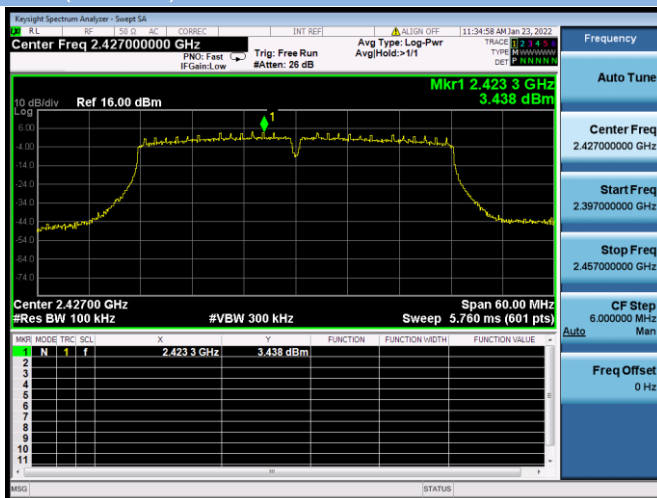
VHT(40 MHz) CHANNEL 3, Reference level



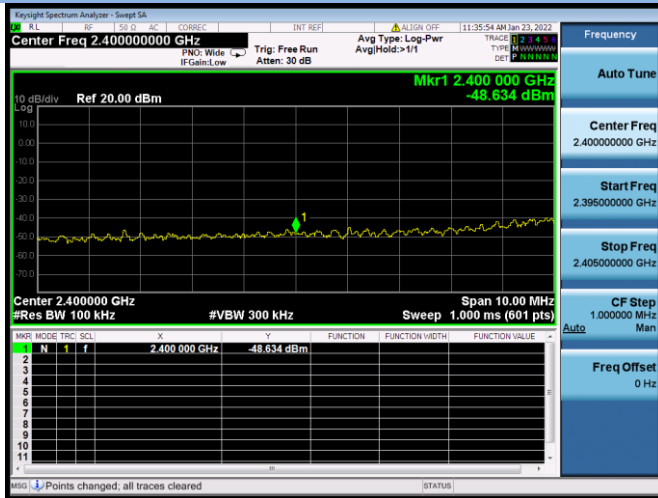
VHT(40 MHz) CHANNEL 3, Band Edge



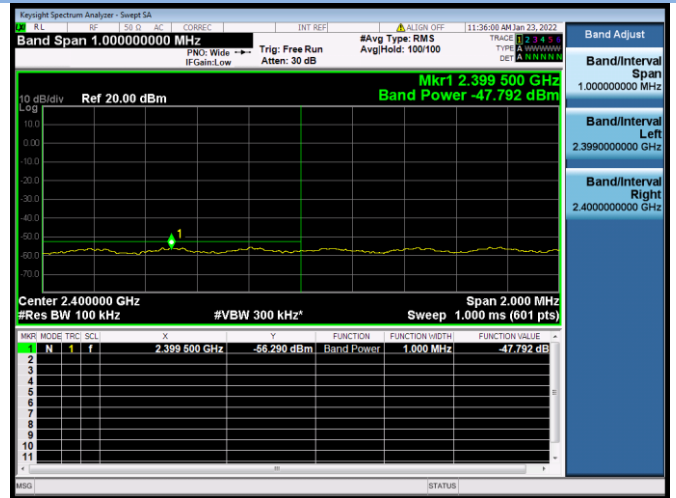
VHT(40 MHz) CHANNEL 4, Carrier level



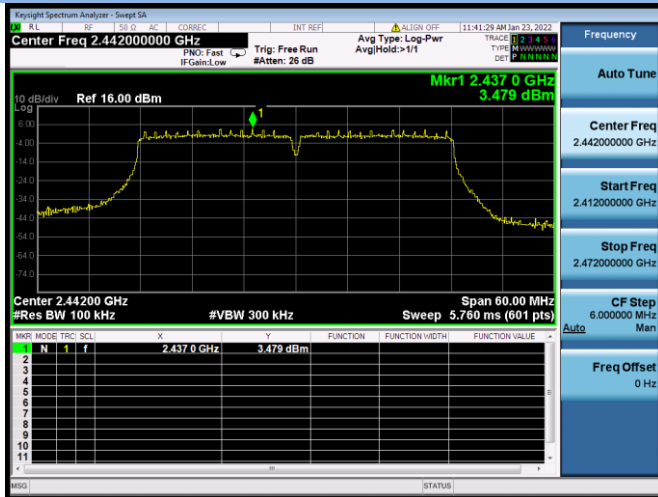
VHT(40 MHz) CHANNEL 4, Reference level



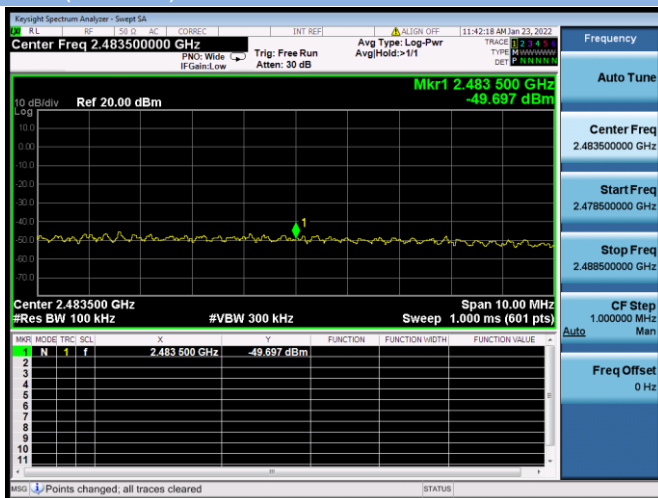
VHT(40 MHz) CHANNEL 4, Band Edge



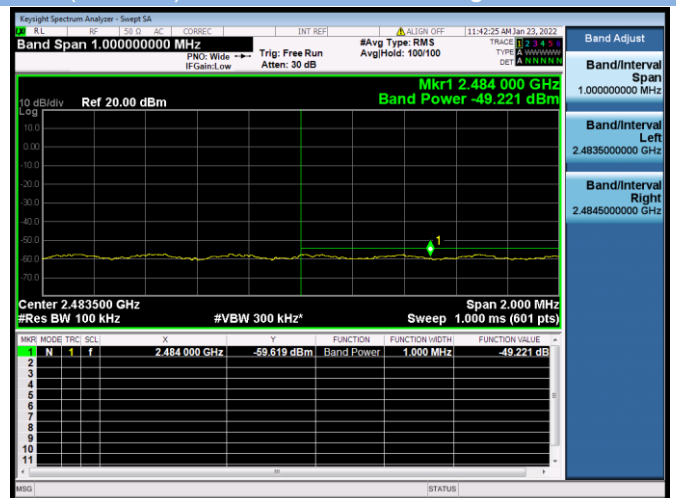
VHT(40 MHz) CHANNEL 7, Carrier level



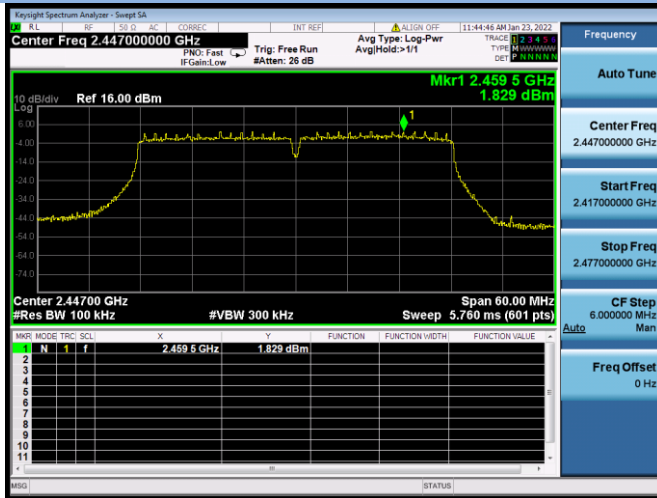
VHT(40 MHz) CHANNEL 7, Reference level



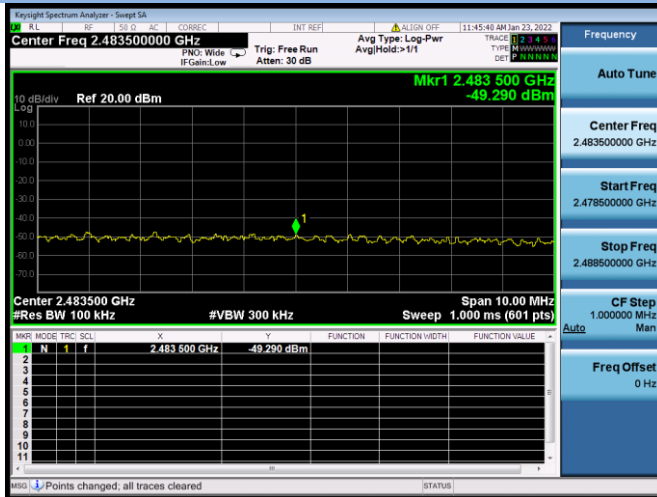
VHT(40 MHz) CHANNEL 7, Band Edge



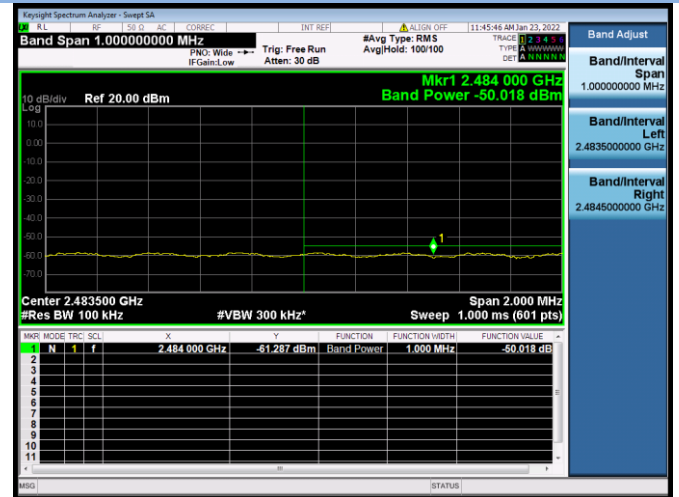
VHT(40 MHz) CHANNEL 8, Carrier level



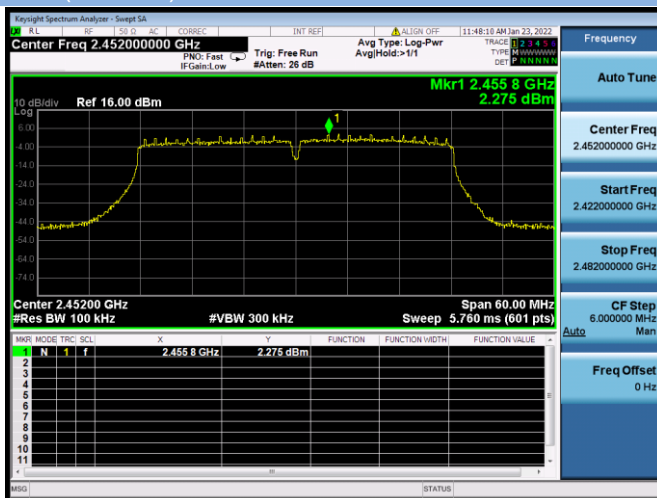
VHT(40 MHz) CHANNEL 8, Reference level



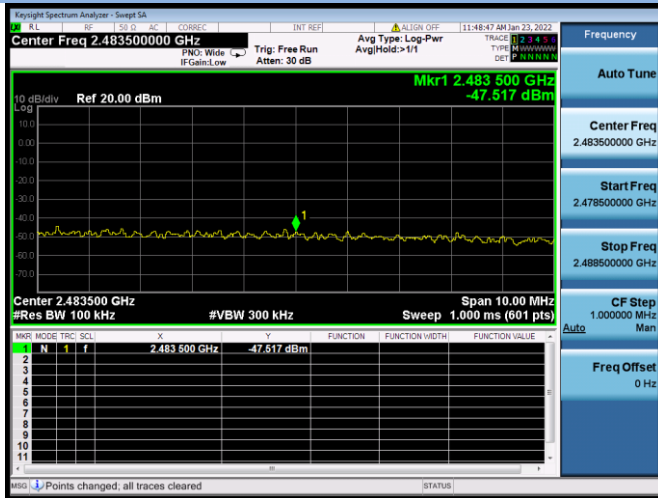
VHT(40 MHz) CHANNEL 8, Band Edge



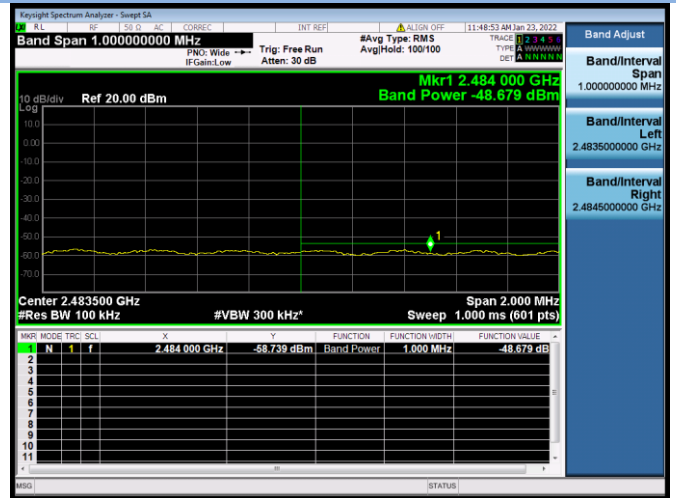
VHT(40 MHz) CHANNEL 9, Carrier level



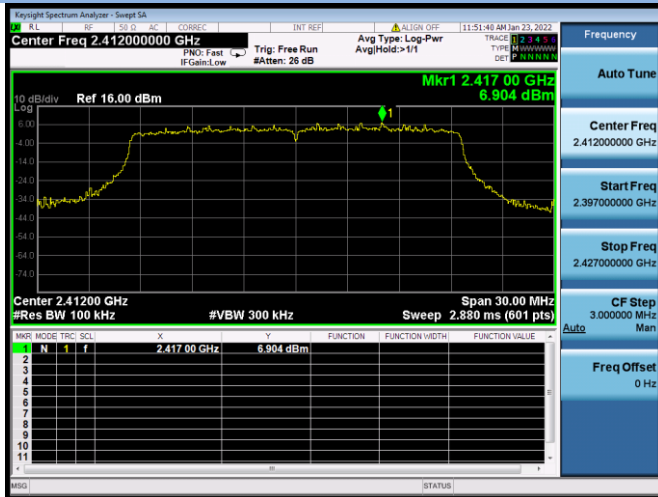
VHT(40 MHz) CHANNEL 9, Reference level



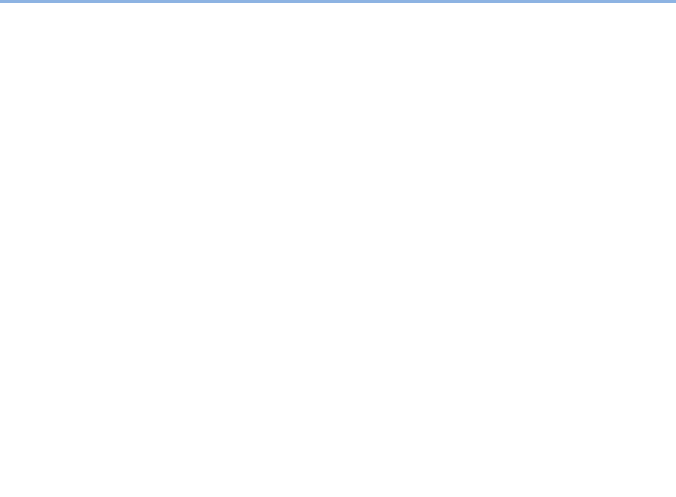
VHT(40 MHz) CHANNEL 9, Band Edge



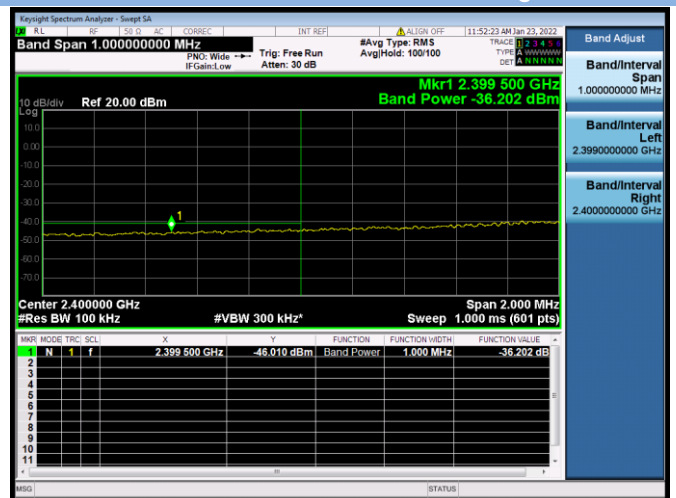
802.11ax-20 MHz CHANNEL 1, Carrier level



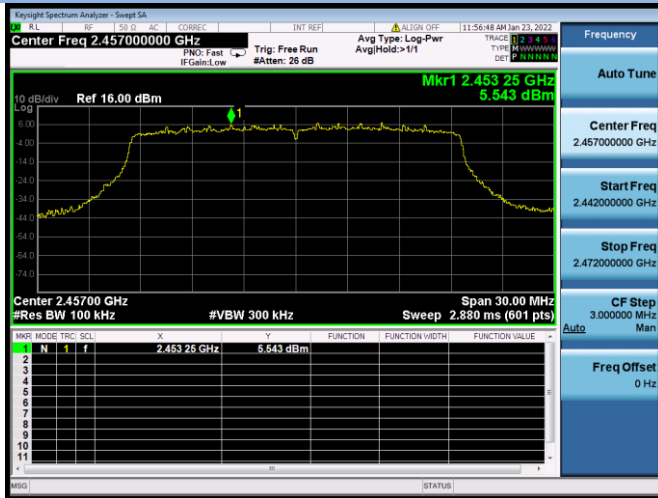
802.11ax-20 MHz CHANNEL 1, Reference level



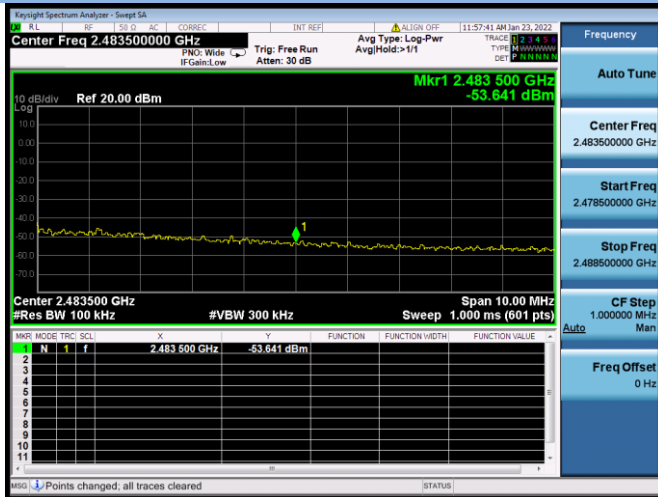
802.11ax-20 MHz CHANNEL 1, Band Edge



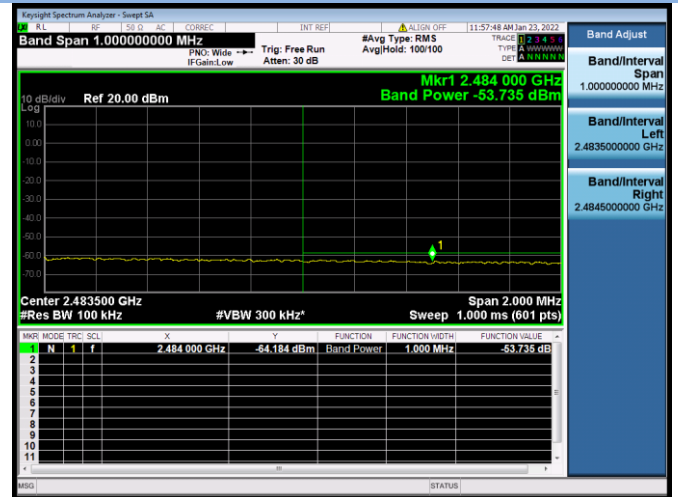
802.11ax-20 MHz CHANNEL 10, Carrier level



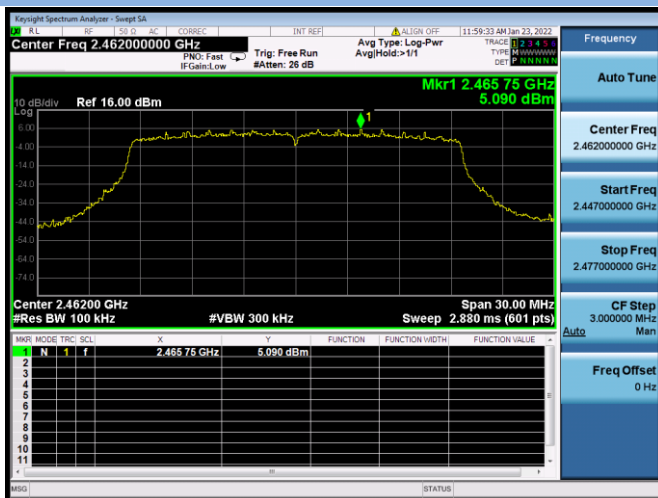
802.11ax-20 MHz CHANNEL 10, Reference level



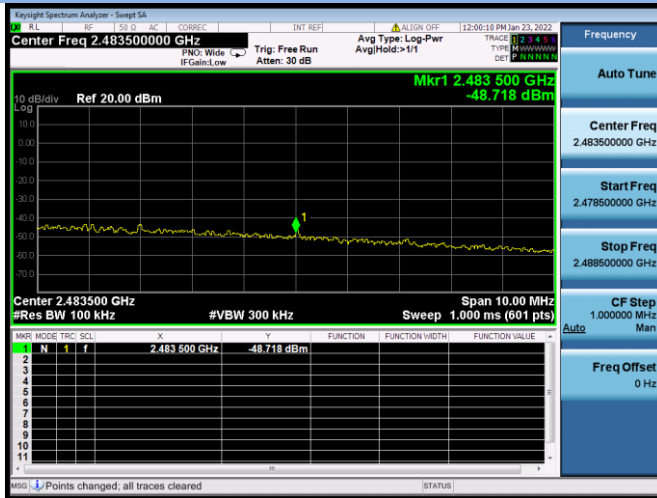
802.11ax-20 MHz CHANNEL 10, Band Edge



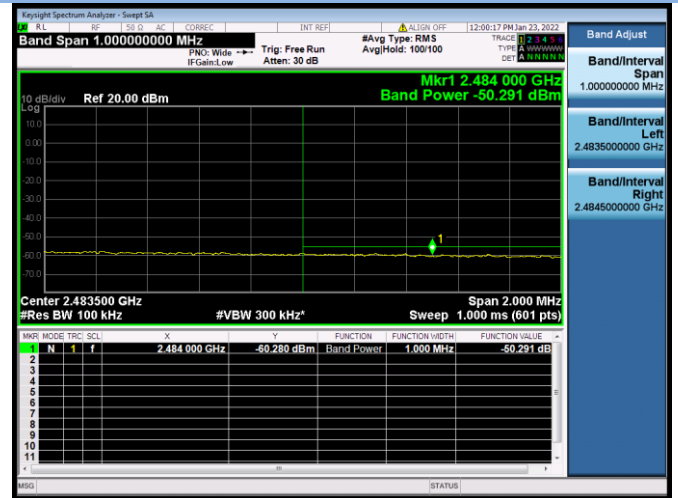
802.11ax-20 MHz CHANNEL 11, Carrier level



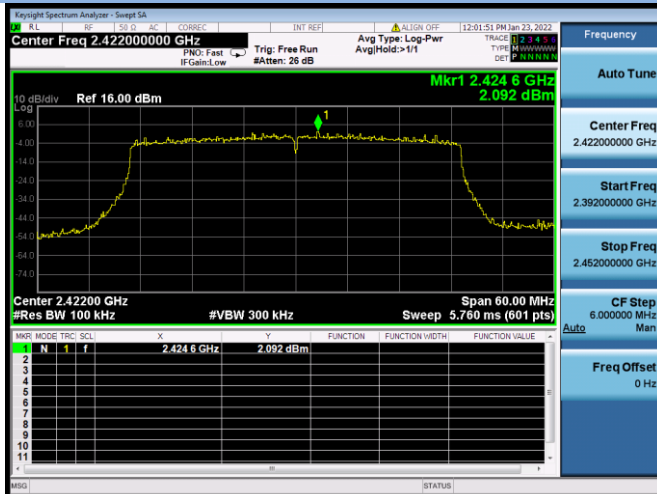
802.11ax-20 MHz CHANNEL 11, Reference level



802.11ax-20 MHz CHANNEL 11, Band Edge

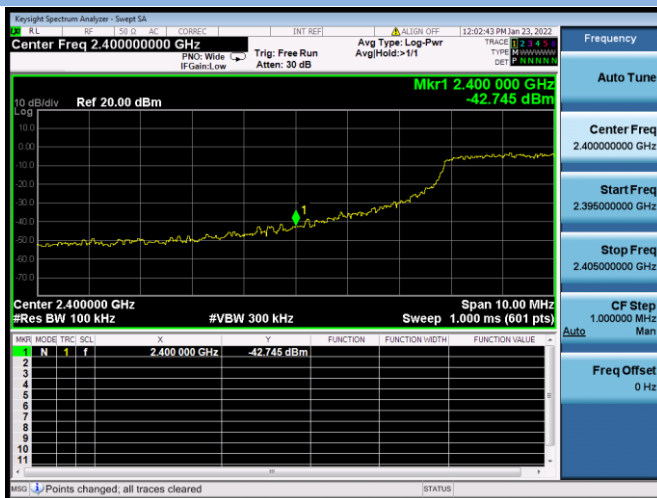


802.11ax-40 MHz CHANNEL 3, Carrier level

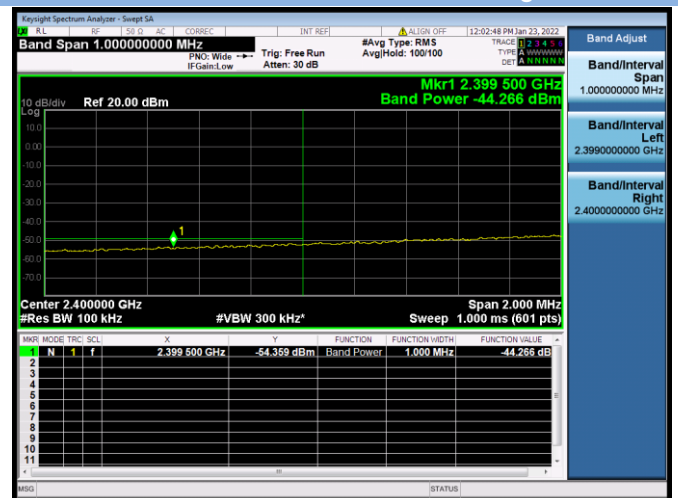


802.11ax-40 MHz CHANNEL 3, Reference level

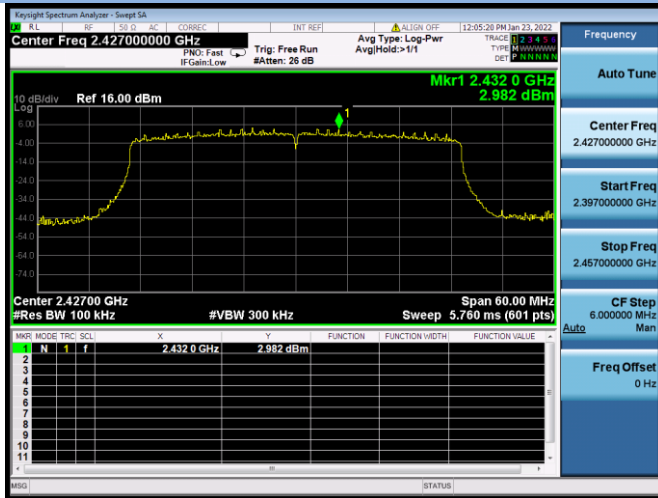
802.11ax-40 MHz CHANNEL 3, Reference level



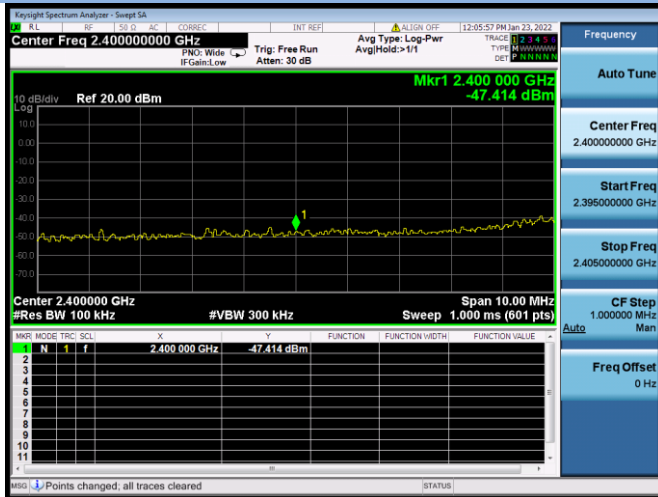
802.11ax-40 MHz CHANNEL 3, Band Edge



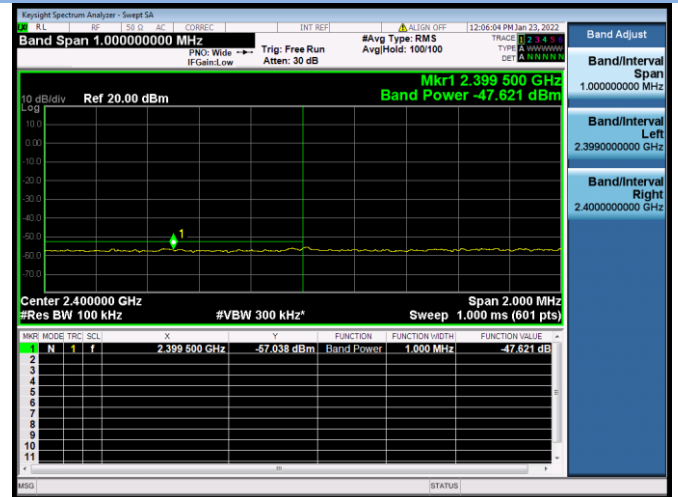
802.11ax-40 MHz CHANNEL 4, Carrier level



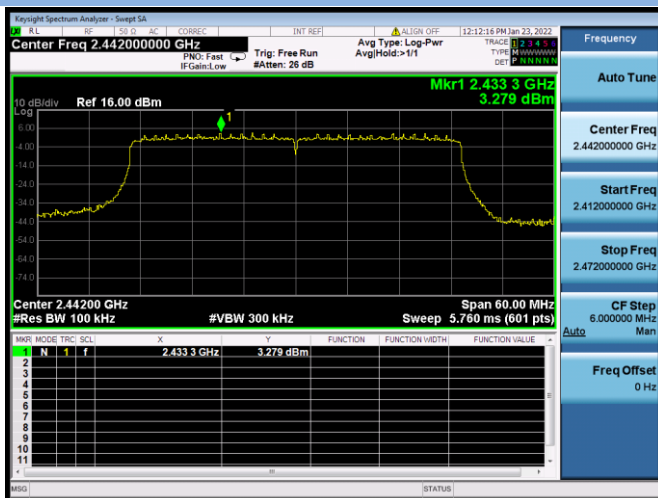
802.11ax-40 MHz CHANNEL 4, Reference level



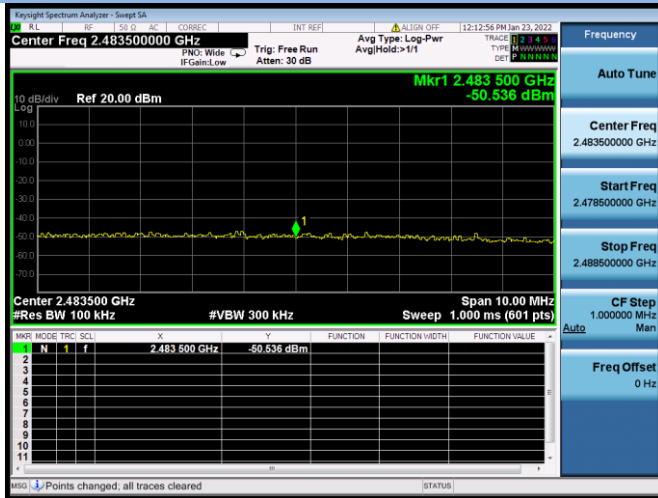
802.11ax-40 MHz CHANNEL 4, Band Edge



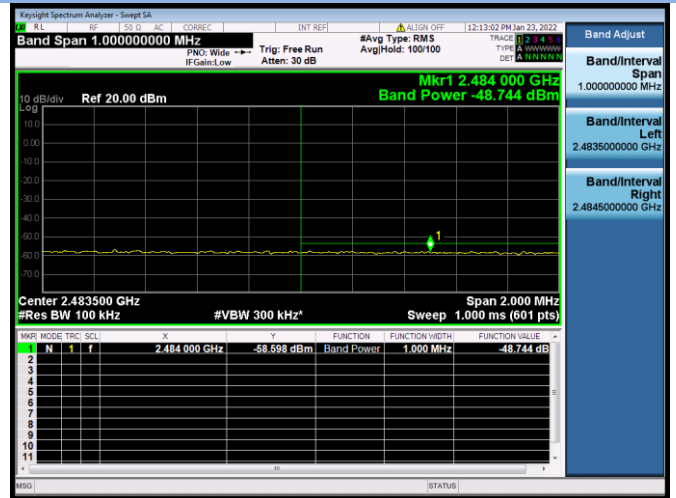
802.11ax-40 MHz CHANNEL 7, Carrier level



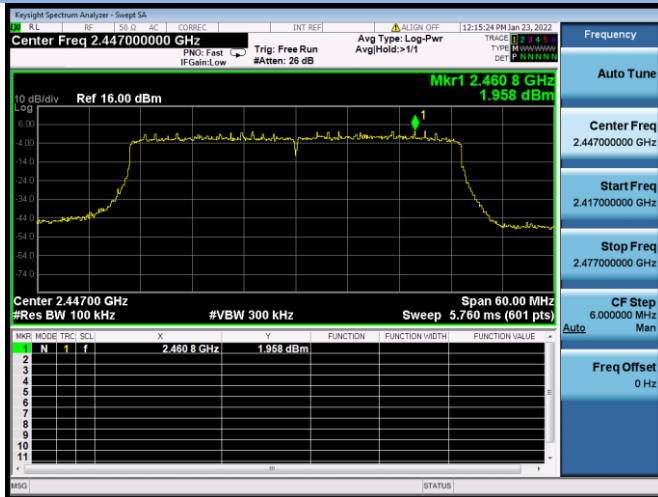
802.11ax-40 MHz CHANNEL 7, Reference level



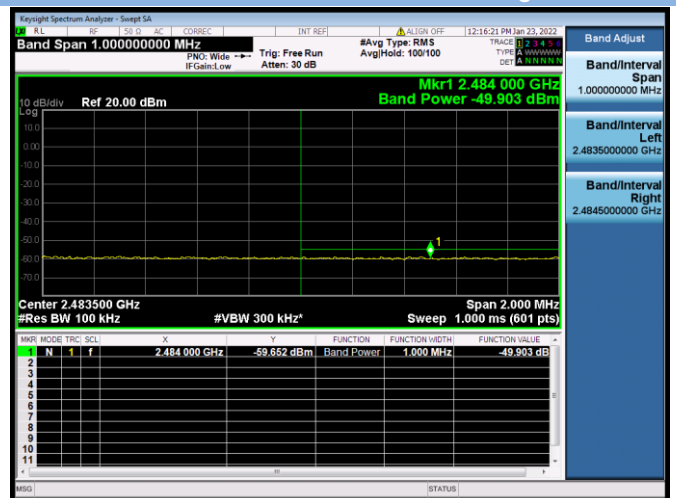
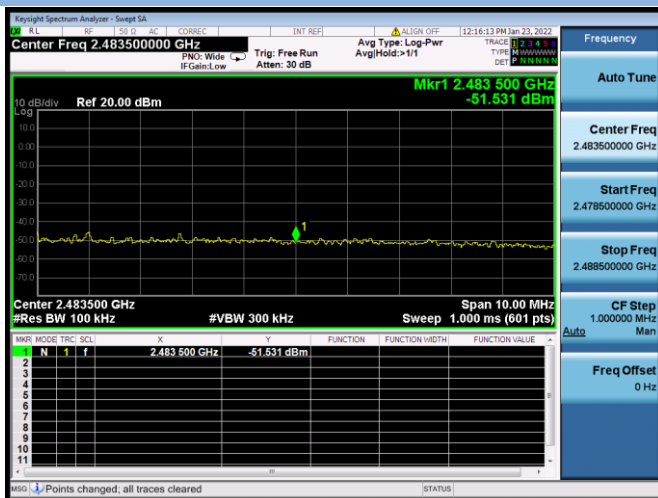
802.11ax-40 MHz CHANNEL 7, Band Edge



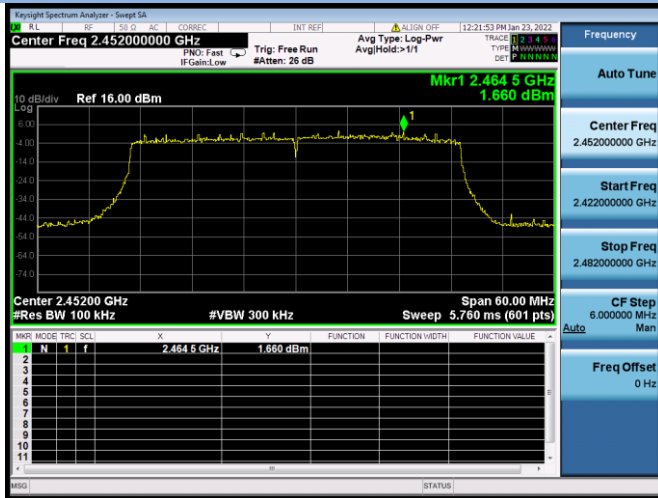
802.11ax-40 MHz CHANNEL 8, Carrier level



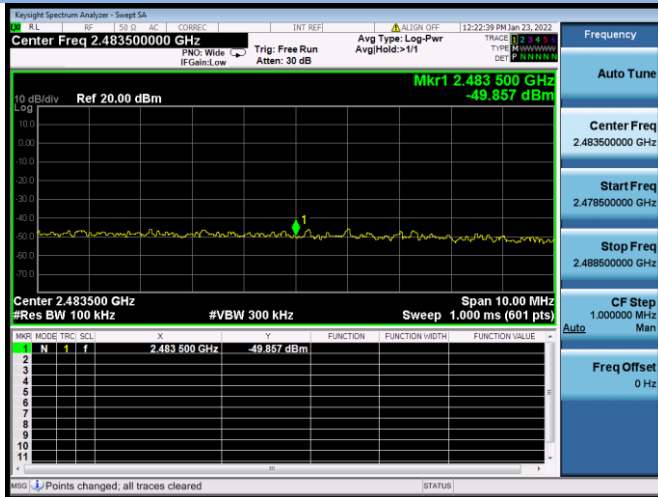
802.11ax-40 MHz CHANNEL 8, Reference level



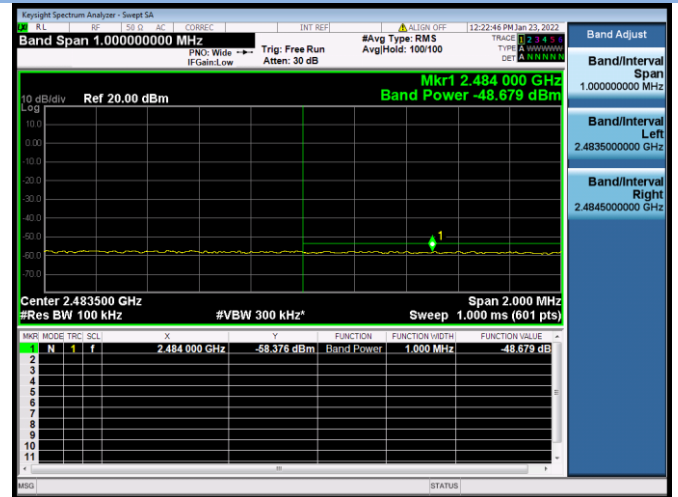
802.11ax-40 MHz CHANNEL 9, Carrier level



802.11ax-40 MHz CHANNEL 9, Reference level



802.11ax-40 MHz CHANNEL 9, Band Edge

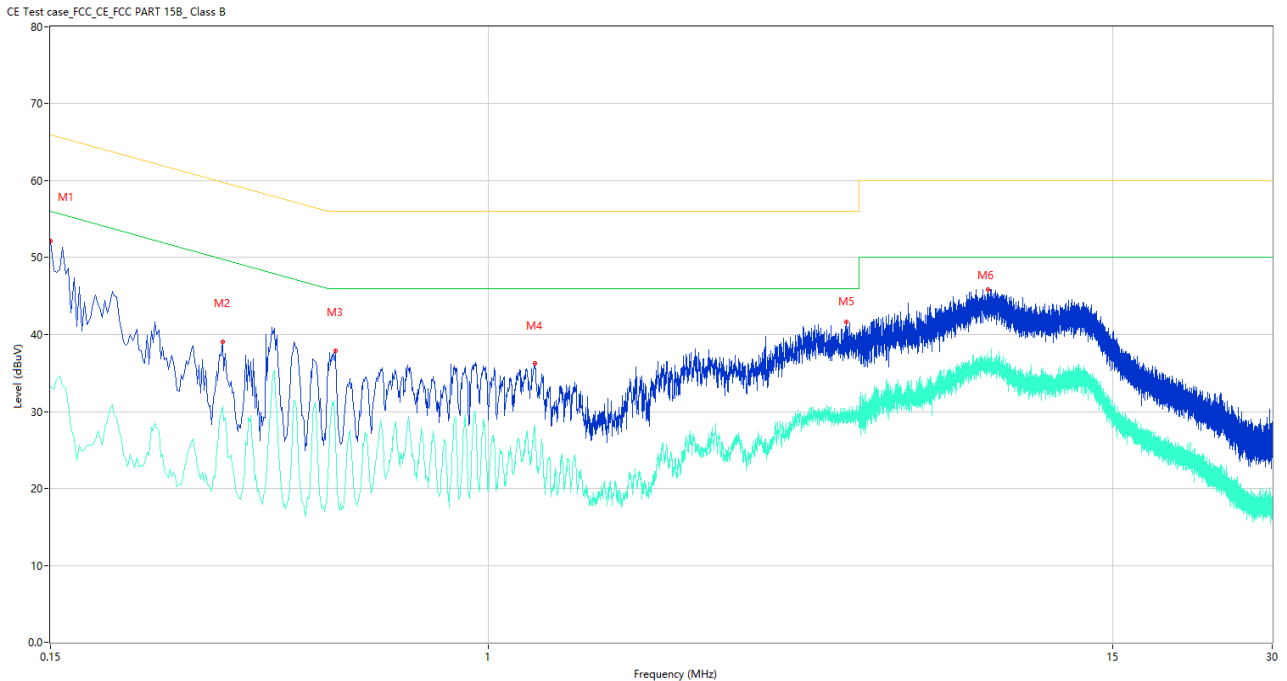


A.5 Conducted Emissions

Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
 Note 2: 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

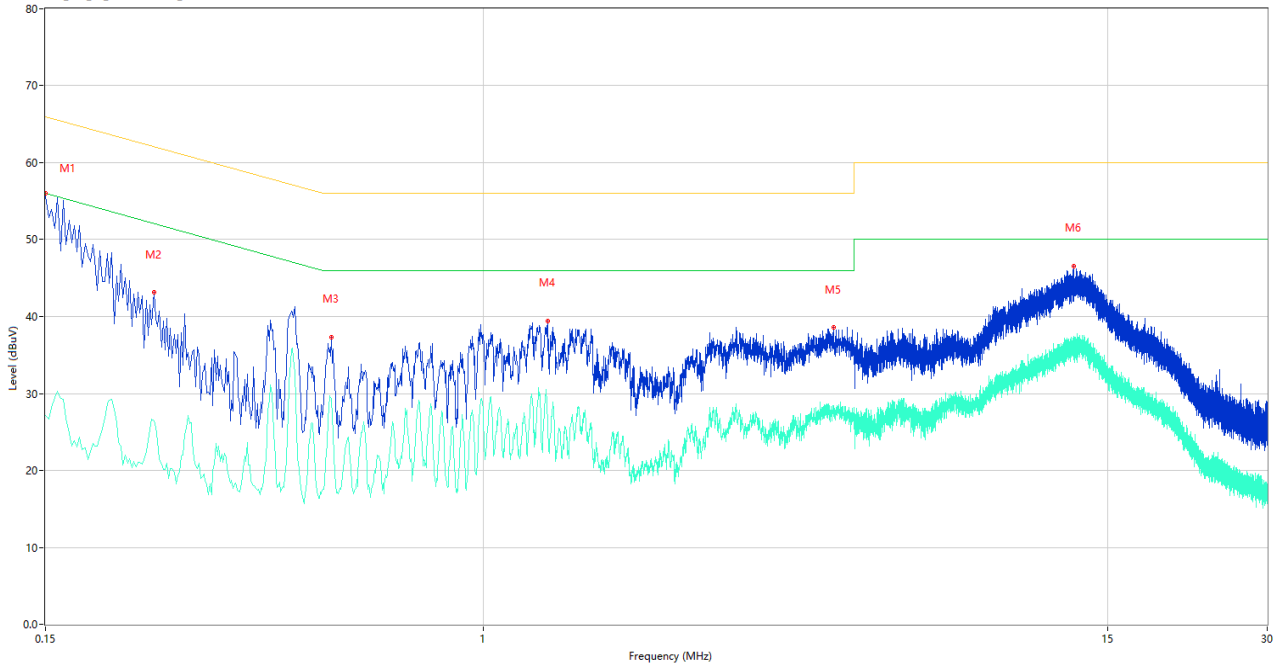
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	52.21	10.19	66.00	-13.79	Peak	L	Pass
1**	0.150	33.25	10.19	56.00	-22.75	AV	L	Pass
2	0.316	39.06	10.07	59.81	-20.75	Peak	L	Pass
2**	0.316	30.64	10.07	49.81	-19.17	AV	L	Pass
3	0.516	37.92	10.11	56.00	-18.08	Peak	L	Pass
3**	0.516	27.06	10.11	46.00	-18.94	AV	L	Pass
4	1.226	36.21	9.99	56.00	-19.79	Peak	L	Pass
4**	1.226	27.13	9.99	46.00	-18.87	AV	L	Pass
5	4.730	41.63	9.97	56.00	-14.37	Peak	L	Pass
5**	4.730	29.77	9.97	46.00	-16.23	AV	L	Pass
6	8.752	45.90	10.08	60.00	-14.10	Peak	L	Pass
6**	8.752	36.69	10.08	50.00	-13.31	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	0.150	55.64	10.19	66.00	-10.36	Peak	N	Pass
1**	0.150	27.19	10.19	56.00	-28.81	AV	N	Pass
2	0.240	43.11	10.08	62.10	-18.99	Peak	N	Pass
2**	0.240	26.43	10.08	52.10	-25.67	AV	N	Pass
3	0.518	37.29	10.11	56.00	-18.71	Peak	N	Pass
3**	0.518	29.38	10.11	46.00	-16.62	AV	N	Pass
4	1.324	39.43	9.97	56.00	-16.57	Peak	N	Pass
4**	1.324	26.29	9.97	46.00	-19.71	AV	N	Pass
5	4.574	38.54	10.00	56.00	-17.46	Peak	N	Pass
5**	4.574	28.43	10.00	46.00	-17.57	AV	N	Pass
6	12.946	46.51	10.09	60.00	-13.49	Peak	N	Pass
6**	12.946	37.26	10.09	50.00	-12.74	AV	N	Pass

A.6 Radiated Emission

Note 1: The symbol of "--" in the table which means not application.

Note 2: 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.

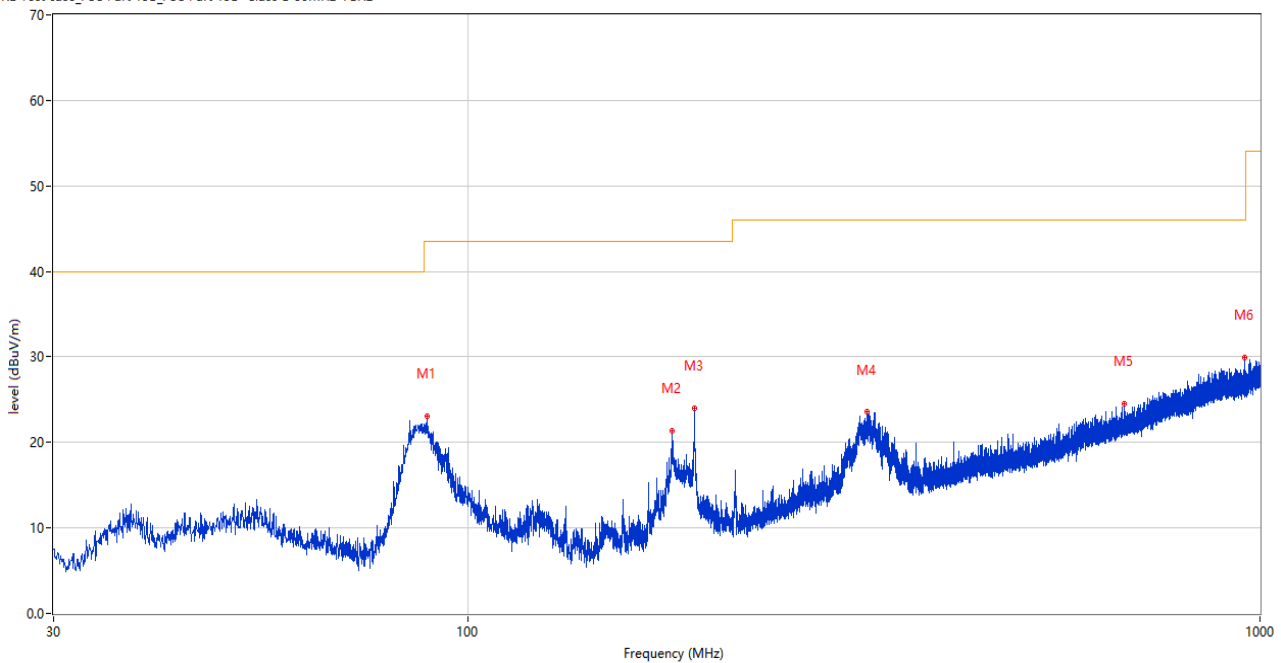
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: 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

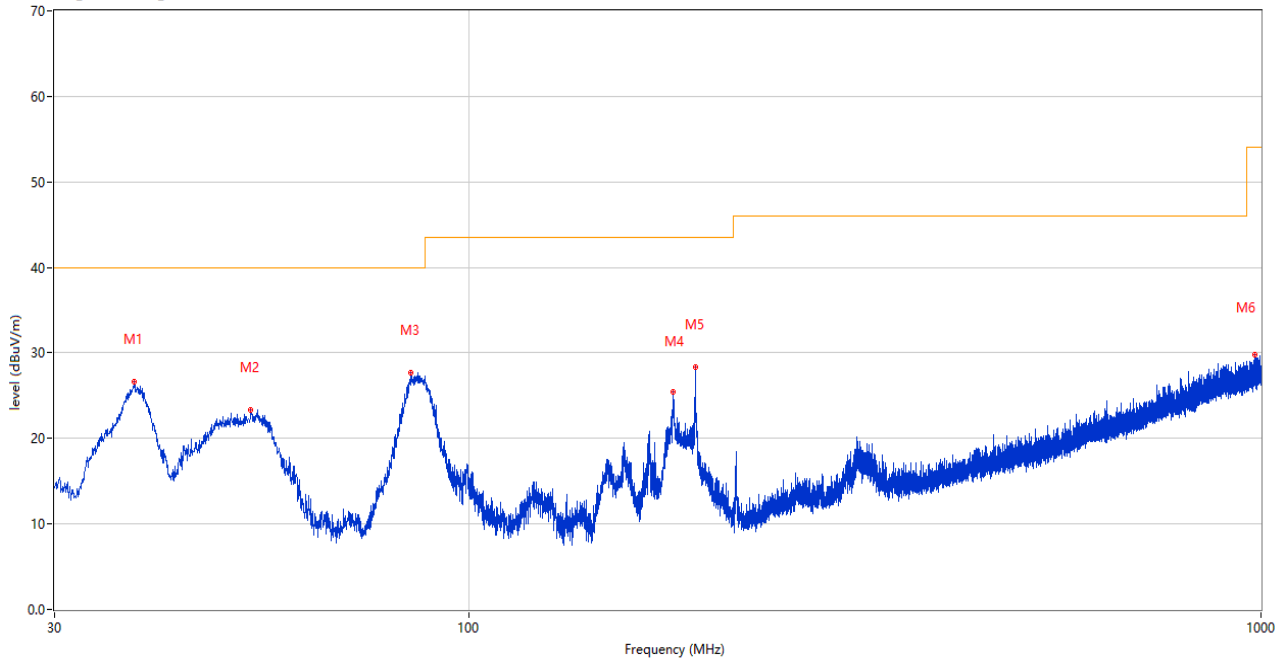
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	88.830	23.12	-28.88	43.5	-20.38	Peak	334.00	200	Horizontal	Pass
2	181.320	21.40	-28.43	43.5	-22.10	Peak	255.00	100	Horizontal	Pass
3	193.300	24.05	-27.07	43.5	-19.45	Peak	275.00	200	Horizontal	Pass
4	319.448	23.53	-23.26	46.0	-22.47	Peak	0.00	200	Horizontal	Pass
5	673.983	24.55	-14.43	46.0	-21.45	Peak	117.00	100	Horizontal	Pass
6	957.223	29.90	-9.28	46.0	-16.10	Peak	126.00	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	37.857	26.58	-27.27	40.0	-13.42	Peak	290.00	100	Vertical	Pass
2	53.086	23.32	-25.52	40.0	-16.68	Peak	70.00	100	Vertical	Pass
3	84.465	27.63	-30.02	40.0	-12.37	Peak	0.00	200	Vertical	Pass
4	181.223	25.48	-28.45	43.5	-18.02	Peak	268.00	100	Vertical	Pass
5	193.251	28.34	-27.07	43.5	-15.16	Peak	84.00	100	Vertical	Pass
6	982.686	29.75	-8.58	54.0	-24.25	Peak	21.00	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.

Main Antenna

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	1926.700	43.69	-16.24	74.0	-30.31	Peak	98.00	150	Horizontal	Pass
1**	1926.700	34.22	-16.24	54.0	-19.78	AV	98.00	150	Horizontal	Pass
2	2413.100	105.12	-13.42	74.0	31.12	Peak	15.00	150	Horizontal	N/A
2**	2413.100	102.38	-13.42	54.0	48.38	AV	15.00	150	Horizontal	N/A
3	5257.250	50.32	-4.12	74.0	-23.68	Peak	68.00	150	Horizontal	Pass
3**	5257.250	40.69	-4.12	54.0	-13.31	AV	68.00	150	Horizontal	Pass
4	7704.750	52.93	1.91	74.0	-21.07	Peak	309.00	150	Horizontal	Pass
4**	7704.750	42.85	1.91	54.0	-11.15	AV	309.00	150	Horizontal	Pass
5	11212.188	50.36	-4.09	74.0	-23.64	Peak	163.00	150	Horizontal	Pass
5**	11212.188	39.84	-4.09	54.0	-14.16	AV	163.00	150	Horizontal	Pass
6	16840.537	53.28	0.95	74.0	-20.72	Peak	145.00	150	Horizontal	Pass
6**	16840.537	43.46	0.95	54.0	-10.54	AV	145.00	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	1830.600	47.88	-17.18	74.0	-26.12	Peak	354.00	150	Vertical	Pass
1**	1830.600	38.59	-17.18	54.0	-15.41	AV	354.00	150	Vertical	Pass
2	2412.900	96.56	-13.42	74.0	22.56	Peak	248.00	150	Vertical	N/A
2**	2412.900	93.76	-13.42	54.0	39.76	AV	248.00	150	Vertical	N/A
3	5212.250	50.28	-3.46	74.0	-23.72	Peak	285.00	150	Vertical	Pass
3**	5212.250	40.94	-3.46	54.0	-13.06	AV	285.00	150	Vertical	Pass
4	7845.000	52.85	1.40	74.0	-21.15	Peak	245.00	150	Vertical	Pass
4**	7845.000	43.72	1.40	54.0	-10.28	AV	245.00	150	Vertical	Pass
5	11200.312	48.96	-4.05	74.0	-25.04	Peak	321.00	150	Vertical	Pass
5**	11200.312	40.08	-4.05	54.0	-13.92	AV	321.00	150	Vertical	Pass
6	17044.500	53.81	0.88	74.0	-20.19	Peak	360.00	150	Vertical	Pass
6**	17044.500	43.84	0.88	54.0	-10.16	AV	360.00	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	1995.000	44.73	-15.80	74.0	-29.27	Peak	50.00	150	Horizontal	Pass
1**	1995.000	34.83	-15.80	54.0	-19.17	AV	50.00	150	Horizontal	Pass
2	2435.400	105.80	-12.08	74.0	31.80	Peak	18.00	150	Horizontal	N/A
2**	2435.400	102.88	-12.08	54.0	48.88	AV	18.00	150	Horizontal	N/A
3	5238.000	50.79	-3.23	74.0	-23.21	Peak	222.00	150	Horizontal	Pass
3**	5238.000	40.84	-3.23	54.0	-13.16	AV	222.00	150	Horizontal	Pass
4	7840.500	53.22	1.82	74.0	-20.78	Peak	350.00	150	Horizontal	Pass
4**	7840.500	43.79	1.82	54.0	-10.21	AV	350.00	150	Horizontal	Pass
5	11190.338	49.26	-4.12	74.0	-24.74	Peak	139.00	150	Horizontal	Pass
5**	11190.338	39.50	-4.12	54.0	-14.50	AV	139.00	150	Horizontal	Pass
6	16825.051	53.51	0.76	74.0	-20.49	Peak	240.00	150	Horizontal	Pass
6**	16825.051	43.63	0.76	54.0	-10.37	AV	240.00	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	1829.800	45.04	-17.16	74.0	-28.96	Peak	356.00	150	Vertical	Pass
1**	1829.800	35.00	-17.16	54.0	-19.00	AV	356.00	150	Vertical	Pass
2	2435.500	96.00	-12.09	74.0	22.00	Peak	224.00	150	Vertical	N/A
2**	2435.500	93.06	-12.09	54.0	39.06	AV	224.00	150	Vertical	N/A
3	5306.000	50.63	-3.34	74.0	-23.37	Peak	53.00	150	Vertical	Pass
3**	5306.000	40.73	-3.34	54.0	-13.27	AV	53.00	150	Vertical	Pass
4	7835.750	53.45	2.15	74.0	-20.55	Peak	21.00	150	Vertical	Pass
4**	7835.750	44.04	2.15	54.0	-9.96	AV	21.00	150	Vertical	Pass
5	11172.763	48.95	-4.25	74.0	-25.05	Peak	360.00	150	Vertical	Pass
5**	11172.763	39.87	-4.25	54.0	-14.13	AV	360.00	150	Vertical	Pass
6	16364.888	53.63	-0.10	74.0	-20.37	Peak	200.00	150	Vertical	Pass
6**	16364.888	42.74	-0.10	54.0	-11.26	AV	200.00	150	Vertical	Pass