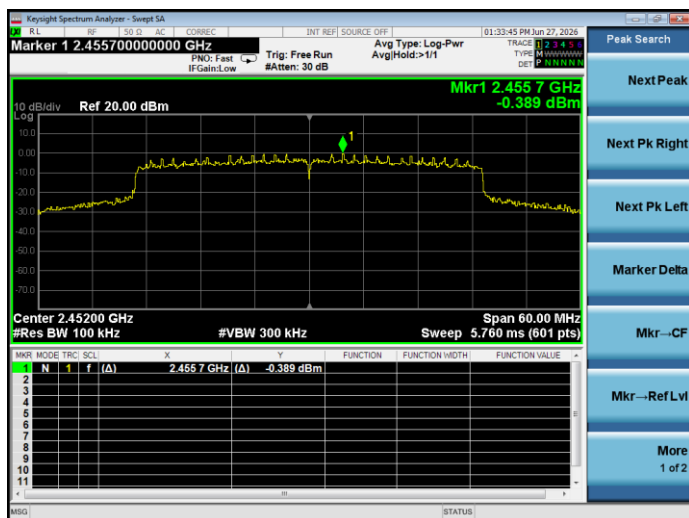
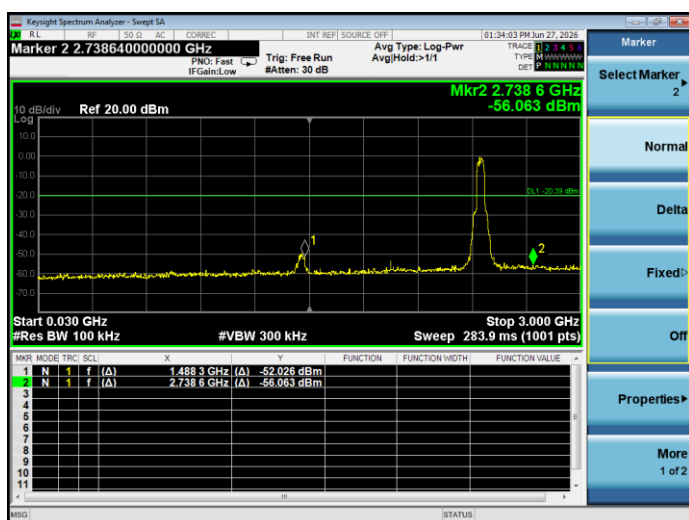


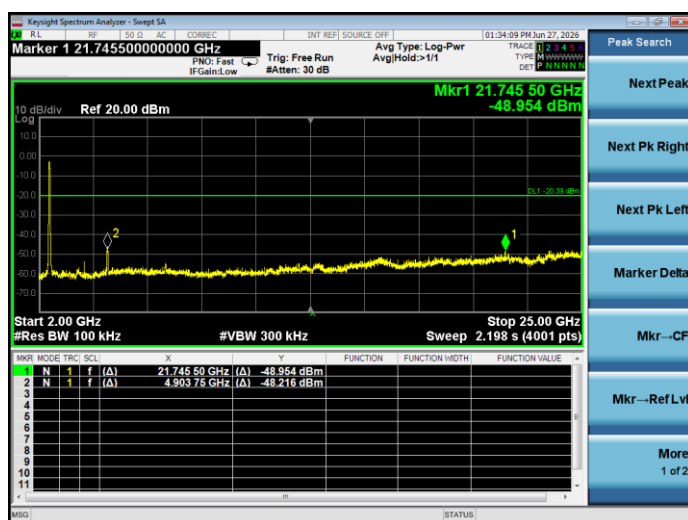
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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

Note¹: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note²: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.81	4.02	-15.98	Pass
High Channel	-56.41	3.53	-16.47	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-24.33	-1.36	-21.36	Pass
High Channel	-38.72	2.07	-17.93	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-24.87	1.95	-18.05	Pass
High Channel	-37.42	1.11	-18.89	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.15	-1.67	-21.67	Pass
High Channel	-27.92	-0.39	-20.39	Pass

802.11ax-20 MHz(SU) Mode:

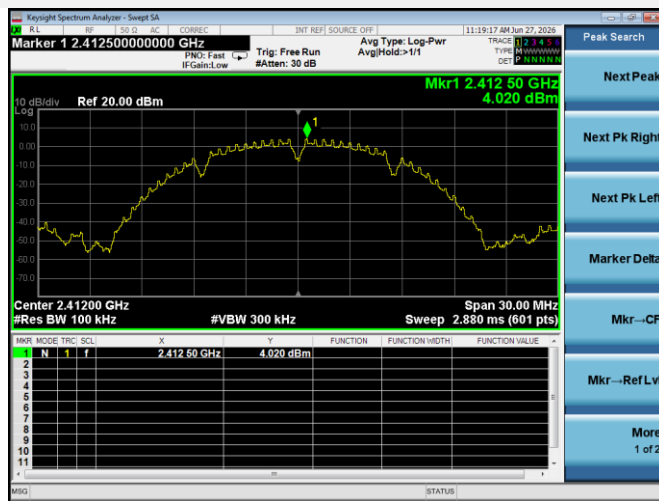
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-23.54	2.14	-17.86	Pass
High Channel	-33.52	2.97	-17.03	Pass

802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-25.89	-0.93	-20.93	Pass
High Channel	-28.06	-0.39	-20.39	Pass

Test Plots

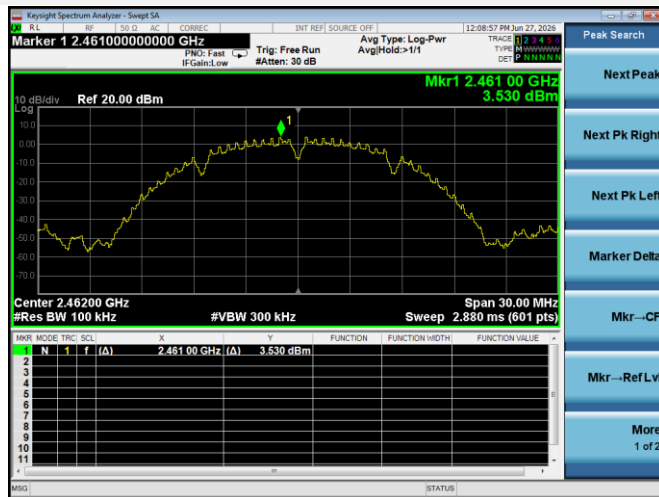
802.11b LOW CHANNEL, CARRIER LEVEL



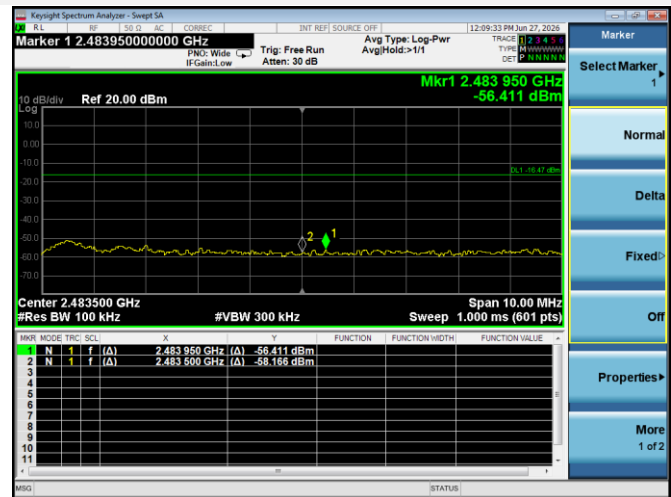
802.11b LOW CHANNEL, BAND EDGE



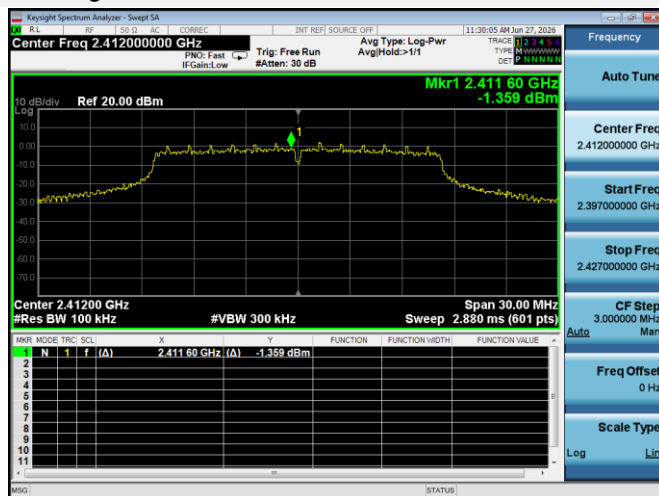
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



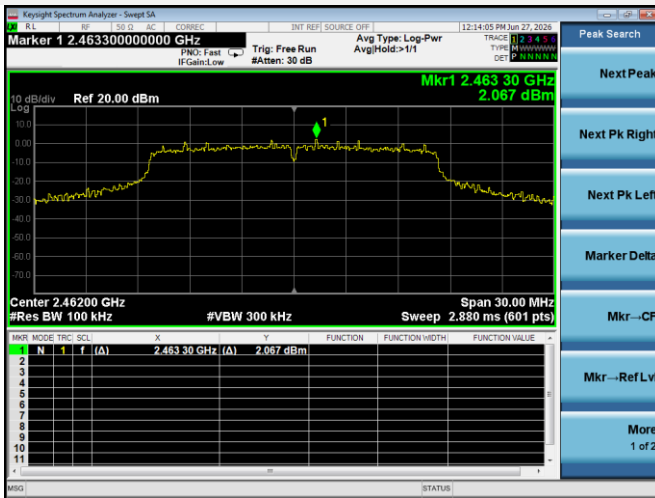
802.11g LOW CHANNEL, CARRIER LEVEL



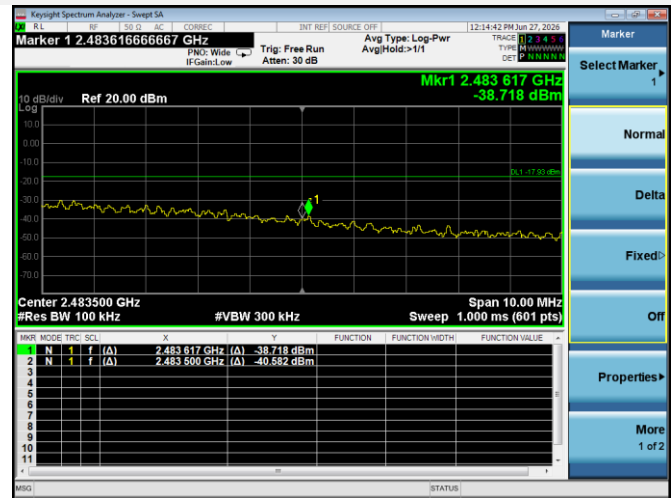
802.11g LOW CHANNEL, BAND EDGE



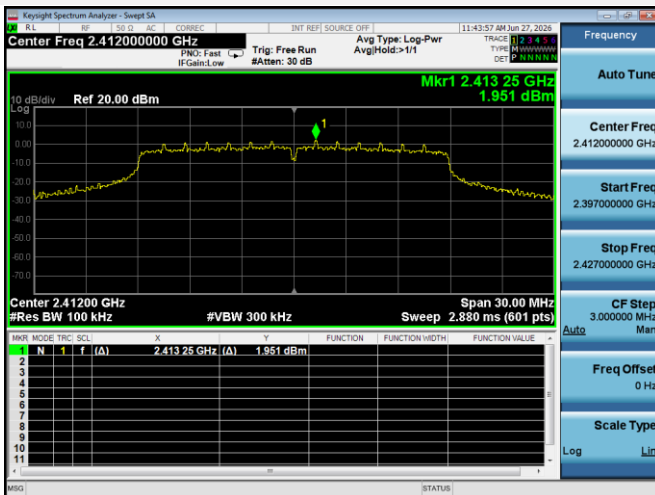
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



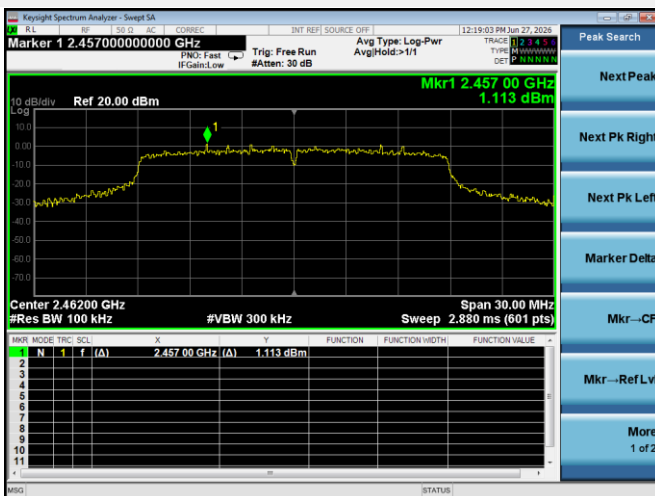
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



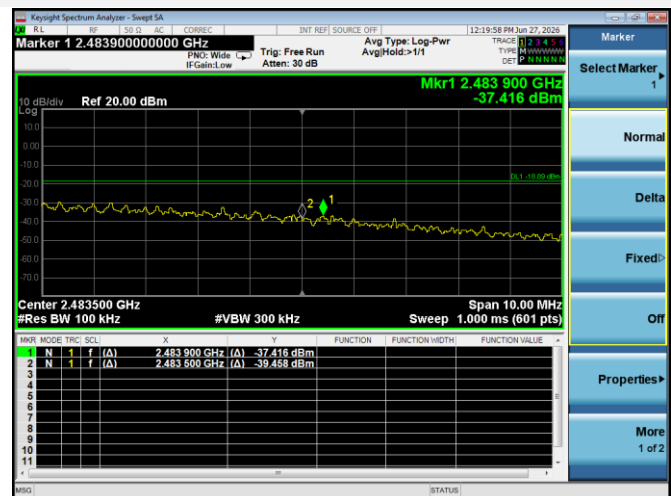
802.11n-20 MHz LOW CHANNEL, BAND EDGE



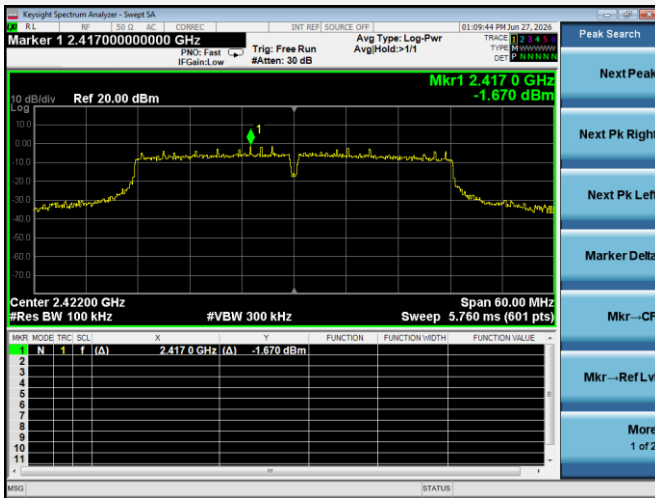
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



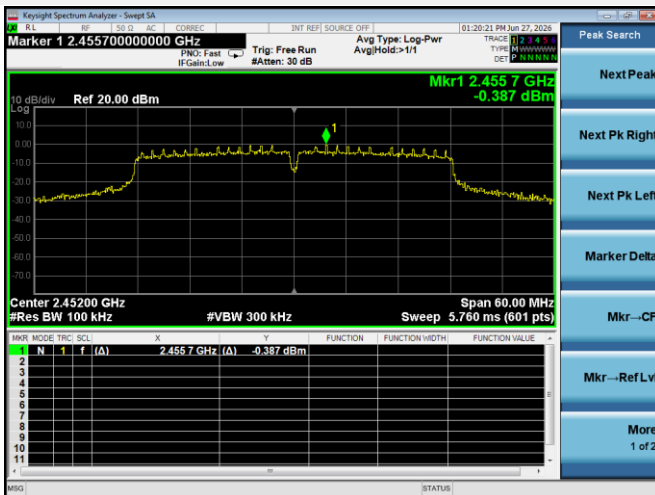
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



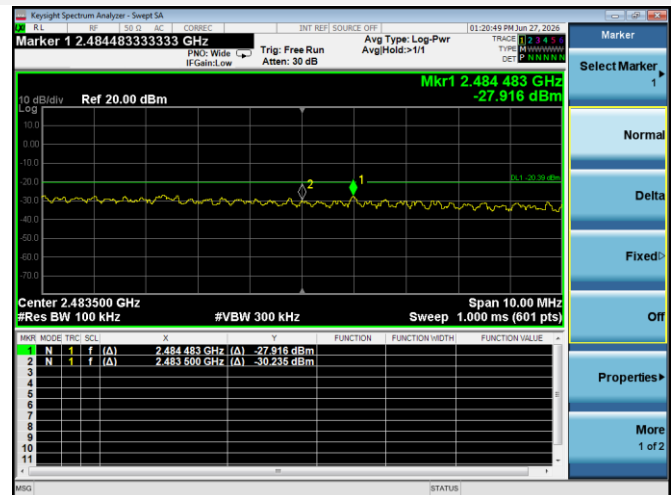
802.11n-40 MHz LOW CHANNEL, BAND EDGE



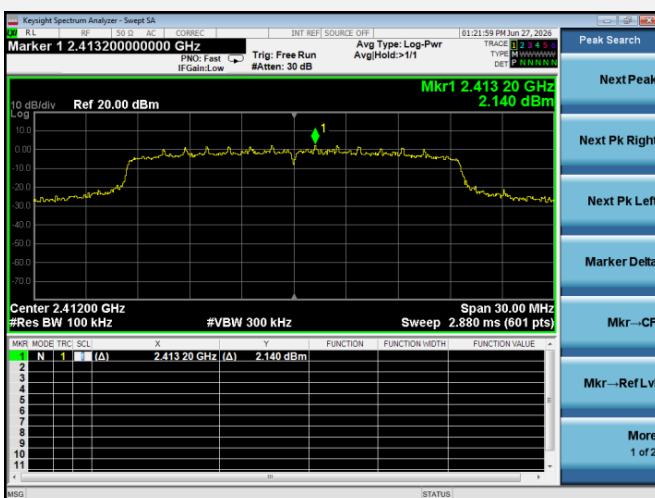
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



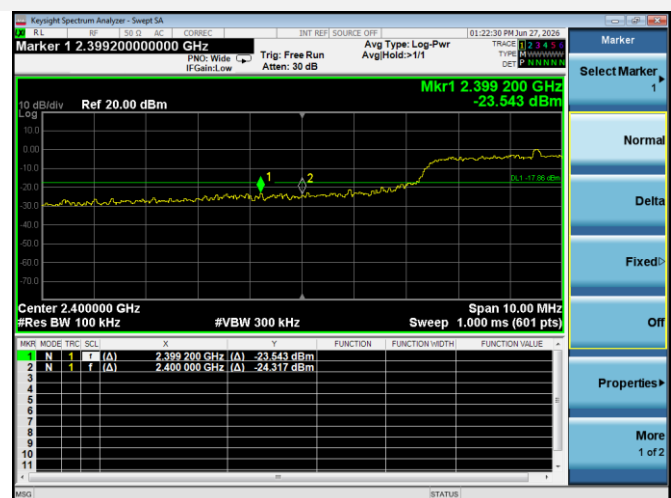
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



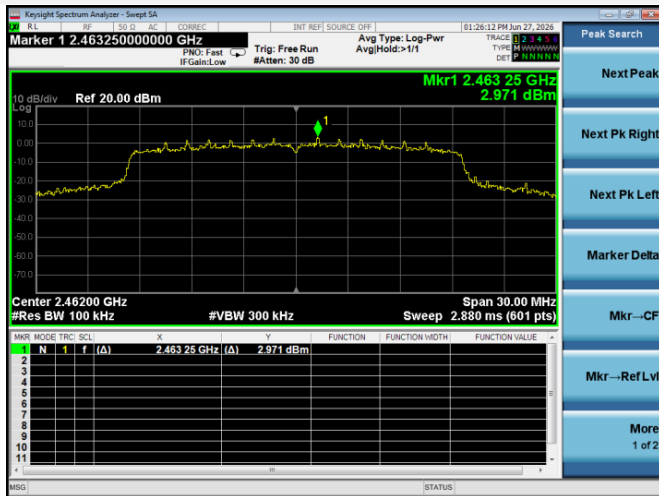
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



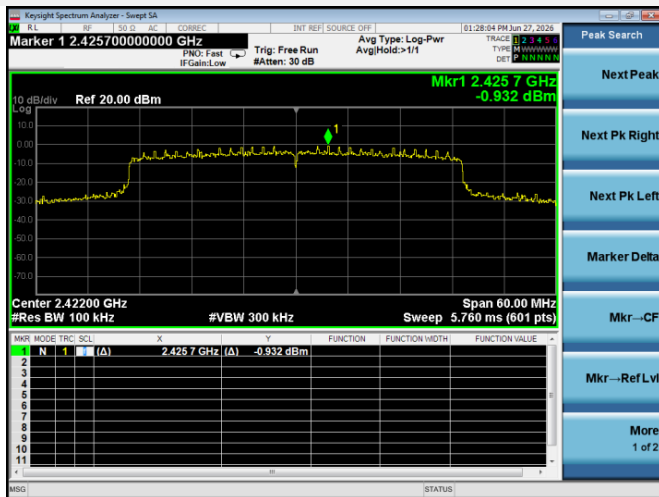
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



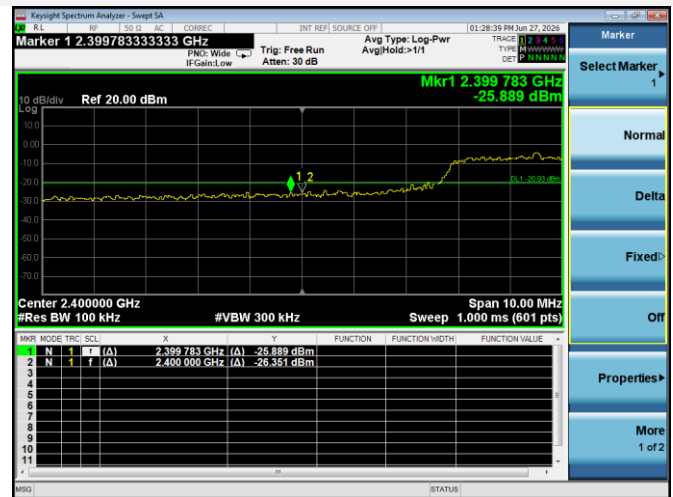
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



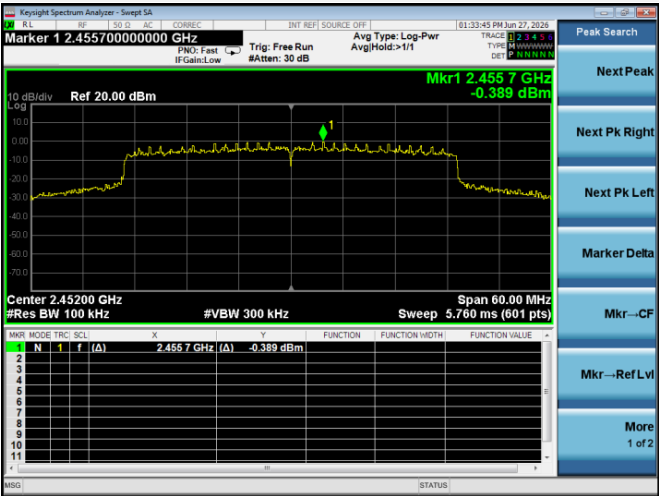
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



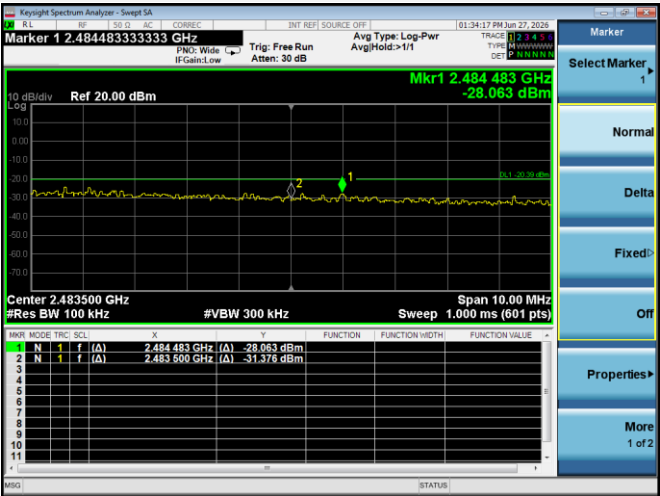
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER
LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

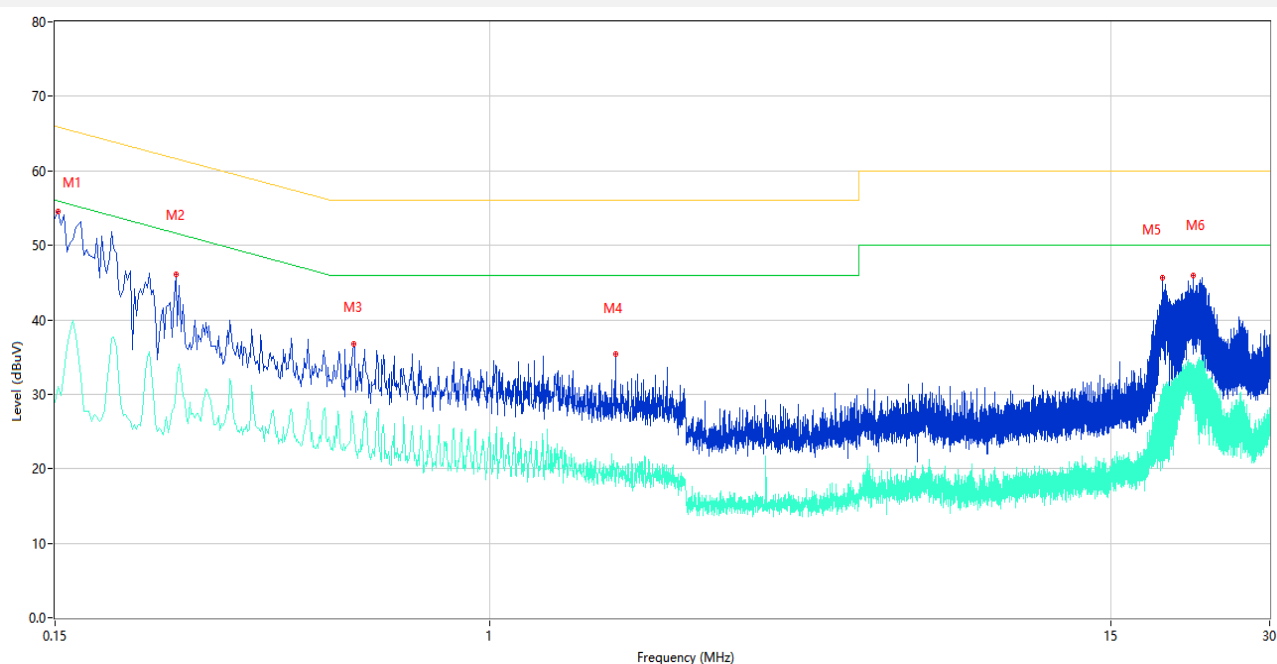
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

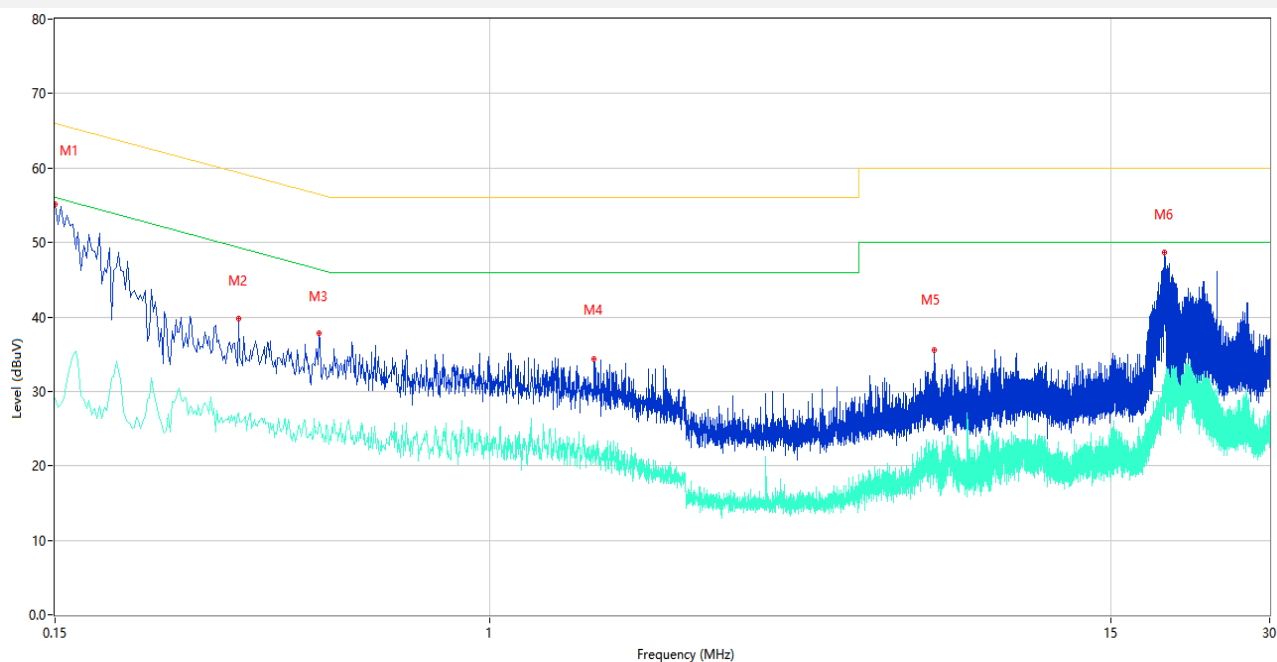
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	54.56	10.27	65.89	11.33	Peak	L	Pass
1**	0.152	31.09	10.27	55.89	24.80	AV	L	Pass
2	0.254	46.10	10.24	61.63	15.53	Peak	L	Pass
2**	0.254	30.47	10.24	51.63	21.16	AV	L	Pass
3	0.552	36.81	10.26	56.00	19.19	Peak	L	Pass
3**	0.552	25.65	10.26	46.00	20.35	AV	L	Pass
4	1.728	35.36	10.37	56.00	20.64	Peak	L	Pass
4**	1.728	19.97	10.37	46.00	26.03	AV	L	Pass
5	18.806	45.62	13.98	60.00	14.38	Peak	L	Pass
5**	18.806	23.55	13.98	50.00	26.45	AV	L	Pass
6	21.520	45.94	14.61	60.00	14.06	Peak	L	Pass
6**	21.520	31.94	14.61	50.00	18.06	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	55.16	10.18	66.00	10.84	Peak	N	Pass
1**	0.150	29.12	10.18	56.00	26.88	AV	N	Pass
2	0.334	39.85	10.16	59.35	19.50	Peak	N	Pass
2**	0.334	27.08	10.16	49.35	22.27	AV	N	Pass
3	0.474	37.77	10.17	56.44	18.67	Peak	N	Pass
3**	0.474	25.95	10.17	46.44	20.49	AV	N	Pass
4	1.576	34.28	10.27	56.00	21.72	Peak	N	Pass
4**	1.576	21.66	10.27	46.00	24.34	AV	N	Pass
5	6.940	35.53	11.04	60.00	24.47	Peak	N	Pass
5**	6.940	18.69	11.04	50.00	31.31	AV	N	Pass
6	19.000	48.66	14.07	60.00	11.34	Peak	N	Pass
6**	19.000	30.95	14.07	50.00	19.05	AV	N	Pass