

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.888	42.44	74.0	31.56	Peak	129.00	400	Horizontal	Pass
1**	1326.888	38.56	54.0	15.44	AV	129.00	400	Horizontal	Pass
2	2992.729	49.99	74.0	24.01	Peak	341.00	300	Horizontal	Pass
2**	2992.729	40.23	54.0	13.77	AV	341.00	300	Horizontal	Pass
3	4933.557	53.98	74.0	20.02	Peak	353.00	200	Horizontal	Pass
3**	4933.557	42.12	54.0	11.88	AV	353.00	200	Horizontal	Pass
4	6808.356	55.27	74.0	18.73	Peak	107.00	200	Horizontal	Pass
4**	6808.356	42.64	54.0	11.36	AV	107.00	200	Horizontal	Pass
5	13414.959	56.74	74.0	17.26	Peak	324.00	100	Horizontal	Pass
5**	13414.959	44.59	54.0	9.41	AV	324.00	100	Horizontal	Pass
6	17429.198	54.65	74.0	19.35	Peak	28.00	100	Horizontal	Pass
6**	17429.198	49.95	54.0	4.05	AV	28.00	100	Horizontal	Pass

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No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.314	44.99	74.0	29.01	Peak	78.00	100	Vertical	Pass
1**	1333.314	37.46	54.0	16.54	AV	78.00	100	Vertical	Pass
2	2978.762	48.19	74.0	25.81	Peak	102.00	100	Vertical	Pass
2**	2978.762	44.47	54.0	9.53	AV	102.00	100	Vertical	Pass
3	4850.469	50.53	74.0	23.47	Peak	269.00	200	Vertical	Pass
3**	4850.469	39.08	54.0	14.92	AV	269.00	200	Vertical	Pass
4	6610.733	55.89	74.0	18.11	Peak	97.00	200	Vertical	Pass
4**	6610.733	46.77	54.0	7.23	AV	97.00	200	Vertical	Pass
5	13431.673	53.11	74.0	20.89	Peak	19.00	200	Vertical	Pass
5**	13431.673	45.29	54.0	8.71	AV	19.00	200	Vertical	Pass
6	17417.119	58.23	74.0	15.77	Peak	339.00	200	Vertical	Pass
6**	17417.119	45.17	54.0	8.83	AV	339.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.342	44.11	74.0	29.89	Peak	131.00	100	Horizontal	Pass
1**	1330.342	34.62	54.0	19.38	AV	131.00	100	Horizontal	Pass
2	2994.842	50.51	74.0	23.49	Peak	300.00	100	Horizontal	Pass
2**	2994.842	38.48	54.0	15.52	AV	300.00	100	Horizontal	Pass
3	4938.396	48.74	74.0	25.26	Peak	73.00	200	Horizontal	Pass
3**	4938.396	39.66	54.0	14.34	AV	73.00	200	Horizontal	Pass
4	6808.096	54.19	74.0	19.81	Peak	93.00	400	Horizontal	Pass
4**	6808.096	43.62	54.0	10.38	AV	93.00	400	Horizontal	Pass
5	13409.593	53.63	74.0	20.37	Peak	255.00	100	Horizontal	Pass
5**	13409.593	45.02	54.0	8.98	AV	255.00	100	Horizontal	Pass
6	17428.695	53.24	74.0	20.76	Peak	20.00	200	Horizontal	Pass
6**	17428.695	50.27	54.0	3.73	AV	20.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.747	46.54	74.0	27.46	Peak	23.00	400	Vertical	Pass
1**	1335.747	37.10	54.0	16.90	AV	23.00	400	Vertical	Pass
2	2979.335	48.52	74.0	25.48	Peak	55.00	300	Vertical	Pass
2**	2979.335	42.34	54.0	11.66	AV	55.00	300	Vertical	Pass
3	4853.728	47.40	74.0	26.60	Peak	82.00	200	Vertical	Pass
3**	4853.728	40.30	54.0	13.70	AV	82.00	200	Vertical	Pass
4	6607.471	56.30	74.0	17.70	Peak	263.00	200	Vertical	Pass
4**	6607.471	44.70	54.0	9.30	AV	263.00	200	Vertical	Pass
5	13437.160	56.46	74.0	17.54	Peak	294.00	400	Vertical	Pass
5**	13437.160	49.29	54.0	4.71	AV	294.00	400	Vertical	Pass
6	17413.929	54.51	74.0	19.49	Peak	35.00	400	Vertical	Pass
6**	17413.929	45.28	54.0	8.72	AV	35.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.795	47.04	74.0	26.96	Peak	14.00	300	Horizontal	Pass
1**	1331.795	33.86	54.0	20.14	AV	14.00	300	Horizontal	Pass
2	2995.866	49.48	74.0	24.52	Peak	345.00	100	Horizontal	Pass
2**	2995.866	39.69	54.0	14.31	AV	345.00	100	Horizontal	Pass
3	4936.092	54.56	74.0	19.44	Peak	332.00	200	Horizontal	Pass
3**	4936.092	41.78	54.0	12.22	AV	332.00	200	Horizontal	Pass
4	6809.794	51.56	74.0	22.44	Peak	306.00	200	Horizontal	Pass
4**	6809.794	43.10	54.0	10.90	AV	306.00	200	Horizontal	Pass
5	13409.002	55.94	74.0	18.06	Peak	230.00	300	Horizontal	Pass
5**	13409.002	45.39	54.0	8.61	AV	230.00	300	Horizontal	Pass
6	17423.059	54.91	74.0	19.09	Peak	144.00	400	Horizontal	Pass
6**	17423.059	49.42	54.0	4.58	AV	144.00	400	Horizontal	Pass

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No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.415	46.77	74.0	27.23	Peak	11.00	300	Vertical	Pass
1**	1330.415	35.27	54.0	18.73	AV	11.00	300	Vertical	Pass
2	2982.373	49.82	74.0	24.18	Peak	106.00	300	Vertical	Pass
2**	2982.373	42.34	54.0	11.66	AV	106.00	300	Vertical	Pass
3	4857.846	49.01	74.0	24.99	Peak	1.00	200	Vertical	Pass
3**	4857.846	43.58	54.0	10.42	AV	1.00	200	Vertical	Pass
4	6609.002	56.33	74.0	17.67	Peak	157.00	300	Vertical	Pass
4**	6609.002	46.00	54.0	8.00	AV	157.00	300	Vertical	Pass
5	13436.556	56.98	74.0	17.02	Peak	94.00	300	Vertical	Pass
5**	13436.556	48.51	54.0	5.49	AV	94.00	300	Vertical	Pass
6	17418.882	59.00	74.0	15.00	Peak	129.00	400	Vertical	Pass
6**	17418.882	47.52	54.0	6.48	AV	129.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.002	43.24	74.0	30.76	Peak	51.00	400	Horizontal	Pass
1**	1330.002	36.05	54.0	17.95	AV	51.00	400	Horizontal	Pass
2	3000.443	49.05	74.0	24.95	Peak	192.00	400	Horizontal	Pass
2**	3000.443	40.69	54.0	13.31	AV	192.00	400	Horizontal	Pass
3	4933.201	51.55	74.0	22.45	Peak	199.00	200	Horizontal	Pass
3**	4933.201	41.78	54.0	12.22	AV	199.00	200	Horizontal	Pass
4	6806.606	56.95	74.0	17.05	Peak	258.00	300	Horizontal	Pass
4**	6806.606	42.61	54.0	11.39	AV	258.00	300	Horizontal	Pass
5	13408.333	54.89	74.0	19.11	Peak	134.00	100	Horizontal	Pass
5**	13408.333	48.19	54.0	5.81	AV	134.00	100	Horizontal	Pass
6	17429.509	54.34	74.0	19.66	Peak	193.00	200	Horizontal	Pass
6**	17429.509	44.90	54.0	9.10	AV	193.00	200	Horizontal	Pass

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No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.921	47.94	74.0	26.06	Peak	250.00	300	Vertical	Pass
1**	1331.921	39.10	54.0	14.90	AV	250.00	300	Vertical	Pass
2	2978.321	53.24	74.0	20.76	Peak	10.00	400	Vertical	Pass
2**	2978.321	40.00	54.0	14.00	AV	10.00	400	Vertical	Pass
3	4855.984	47.93	74.0	26.07	Peak	61.00	200	Vertical	Pass
3**	4855.984	38.18	54.0	15.82	AV	61.00	200	Vertical	Pass
4	6607.762	51.58	74.0	22.42	Peak	108.00	400	Vertical	Pass
4**	6607.762	44.17	54.0	9.83	AV	108.00	400	Vertical	Pass
5	13431.156	55.70	74.0	18.30	Peak	239.00	100	Vertical	Pass
5**	13431.156	44.28	54.0	9.72	AV	239.00	100	Vertical	Pass
6	17419.187	56.17	74.0	17.83	Peak	245.00	300	Vertical	Pass
6**	17419.187	46.35	54.0	7.65	AV	245.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.676	44.87	74.0	29.13	Peak	69.00	300	Horizontal	Pass
1**	1326.676	34.52	54.0	19.48	AV	69.00	300	Horizontal	Pass
2	2994.298	48.09	74.0	25.91	Peak	357.00	300	Horizontal	Pass
2**	2994.298	40.40	54.0	13.60	AV	357.00	300	Horizontal	Pass
3	4933.854	52.41	74.0	21.59	Peak	103.00	200	Horizontal	Pass
3**	4933.854	40.53	54.0	13.47	AV	103.00	200	Horizontal	Pass
4	6810.062	52.76	74.0	21.24	Peak	8.00	400	Horizontal	Pass
4**	6810.062	46.05	54.0	7.95	AV	8.00	400	Horizontal	Pass
5	13411.528	55.24	74.0	18.76	Peak	158.00	400	Horizontal	Pass
5**	13411.528	48.30	54.0	5.70	AV	158.00	400	Horizontal	Pass
6	17427.749	57.01	74.0	16.99	Peak	152.00	400	Horizontal	Pass
6**	17427.749	46.38	54.0	7.62	AV	152.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.831	42.58	74.0	31.42	Peak	91.00	300	Vertical	Pass
1**	1333.831	36.41	54.0	17.59	AV	91.00	300	Vertical	Pass
2	2981.157	48.55	74.0	25.45	Peak	229.00	200	Vertical	Pass
2**	2981.157	39.46	54.0	14.54	AV	229.00	200	Vertical	Pass
3	4855.348	47.11	74.0	26.89	Peak	121.00	200	Vertical	Pass
3**	4855.348	39.99	54.0	14.01	AV	121.00	200	Vertical	Pass
4	6609.976	53.57	74.0	20.43	Peak	286.00	200	Vertical	Pass
4**	6609.976	45.55	54.0	8.45	AV	286.00	200	Vertical	Pass
5	13436.587	58.40	74.0	15.60	Peak	11.00	300	Vertical	Pass
5**	13436.587	43.41	54.0	10.59	AV	11.00	300	Vertical	Pass
6	17418.759	59.81	74.0	14.19	Peak	262.00	100	Vertical	Pass
6**	17418.759	46.05	54.0	7.95	AV	262.00	100	Vertical	Pass

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

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 pre tested, but only the worst case has been reported in this report.

Note ⁵: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

MIMO

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.413	56.84	74.0	17.16	Peak	62.00	100	Horizontal	Pass
1**	2386.413	50.05	54.0	3.95	AV	62.00	100	Horizontal	Pass
2	2390.000	56.33	74.0	17.67	Peak	347.00	300	Horizontal	Pass
2**	2390.000	45.31	54.0	8.69	AV	347.00	300	Horizontal	Pass

802.11b HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.97	74.0	20.03	Peak	214.00	200	Horizontal	Pass
1**	2483.500	47.62	54.0	6.38	AV	214.00	200	Horizontal	Pass
2	2488.819	59.11	74.0	14.89	Peak	157.00	200	Horizontal	Pass
2**	2488.819	46.99	54.0	7.01	AV	157.00	200	Horizontal	Pass

802.11g LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.151	57.58	74.0	16.42	Peak	192.00	300	Horizontal	Pass
1**	2384.151	48.36	54.0	5.64	AV	192.00	300	Horizontal	Pass
2	2390.000	55.74	74.0	18.26	Peak	98.00	200	Horizontal	Pass
2**	2390.000	44.49	54.0	9.51	AV	98.00	200	Horizontal	Pass

802.11g HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.09	74.0	16.91	Peak	174.00	100	Horizontal	Pass
1**	2483.500	47.82	54.0	6.18	AV	174.00	100	Horizontal	Pass
2	2488.578	57.59	74.0	16.41	Peak	73.00	100	Horizontal	Pass
2**	2488.578	47.24	54.0	6.76	AV	73.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.990	58.97	74.0	15.03	Peak	266.00	300	Horizontal	Pass
1**	2383.990	49.45	54.0	4.55	AV	266.00	300	Horizontal	Pass
2	2390.000	55.18	74.0	18.82	Peak	140.00	200	Horizontal	Pass
2**	2390.000	45.26	54.0	8.74	AV	140.00	200	Horizontal	Pass

802.11n20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.81	74.0	17.19	Peak	248.00	100	Horizontal	Pass
1**	2483.500	47.47	54.0	6.53	AV	248.00	100	Horizontal	Pass
2	2487.208	57.66	74.0	16.34	Peak	68.00	300	Horizontal	Pass
2**	2487.208	49.56	54.0	4.44	AV	68.00	300	Horizontal	Pass

802.11n40 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.436	59.74	74.0	14.26	Peak	63.00	300	Horizontal	Pass
1**	2386.436	48.4	54.0	5.60	AV	63.00	300	Horizontal	Pass
2	2390.000	55.88	74.0	18.12	Peak	299.00	100	Horizontal	Pass
2**	2390.000	46.06	54.0	7.94	AV	299.00	100	Horizontal	Pass

802.11n40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.7	74.0	17.30	Peak	70.00	100	Horizontal	Pass
1**	2483.500	46.25	54.0	7.75	AV	70.00	100	Horizontal	Pass
2	2488.284	57.53	74.0	16.47	Peak	233.00	300	Horizontal	Pass
2**	2488.284	47.12	54.0	6.88	AV	233.00	300	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.846	58.98	74.0	15.02	Peak	86.00	100	Horizontal	Pass
1**	2383.846	48.89	54.0	5.11	AV	86.00	100	Horizontal	Pass
2	2390.000	54.32	74.0	19.68	Peak	212.00	300	Horizontal	Pass
2**	2390.000	44.83	54.0	9.17	AV	212.00	300	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.62	74.0	17.38	Peak	329.00	200	Horizontal	Pass
1**	2483.500	47.15	54.0	6.85	AV	329.00	200	Horizontal	Pass
2	2486.146	57.37	74.0	16.63	Peak	198.00	100	Horizontal	Pass
2**	2486.146	48.23	54.0	5.77	AV	198.00	100	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.568	59.09	74.0	14.91	Peak	45.00	100	Horizontal	Pass
1**	2385.568	48.59	54.0	5.41	AV	45.00	100	Horizontal	Pass
2	2390.000	54.12	74.0	19.88	Peak	10.00	200	Horizontal	Pass
2**	2390.000	45.66	54.0	8.34	AV	10.00	200	Horizontal	Pass

802.11ax40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.28	74.0	19.72	Peak	26.00	200	Horizontal	Pass
1**	2483.500	44.1	54.0	9.90	AV	26.00	200	Horizontal	Pass
2	2486.656	57.29	74.0	16.71	Peak	357.00	300	Horizontal	Pass
2**	2486.656	46.22	54.0	7.78	AV	357.00	300	Horizontal	Pass

802.11ax20(RU26) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.704	58.88	74.0	15.12	Peak	177.00	200	Horizontal	Pass
1**	2383.704	49.21	54.0	4.79	AV	177.00	200	Horizontal	Pass
2	2390.000	54.03	74.0	19.97	Peak	248.00	300	Horizontal	Pass
2**	2390.000	45.61	54.0	8.39	AV	248.00	300	Horizontal	Pass

802.11ax20(RU26) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.98	74.0	18.02	Peak	118.00	200	Horizontal	Pass
1**	2483.500	47.78	54.0	6.22	AV	118.00	200	Horizontal	Pass
2	2488.324	56.45	74.0	17.55	Peak	212.00	100	Horizontal	Pass
2**	2488.324	46.64	54.0	7.36	AV	212.00	100	Horizontal	Pass

802.11ax40(RU26) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2382.020	58.21	74.0	15.79	Peak	154.00	100	Horizontal	Pass
1**	2382.020	49.35	54.0	4.65	AV	154.00	100	Horizontal	Pass
2	2390.000	57.04	74.0	16.96	Peak	302.00	100	Horizontal	Pass
2**	2390.000	44.46	54.0	9.54	AV	302.00	100	Horizontal	Pass

802.11ax40(RU26) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.44	74.0	19.56	Peak	119.00	300	Horizontal	Pass
1**	2483.500	46.96	54.0	7.04	AV	119.00	300	Horizontal	Pass
2	2487.514	56.18	74.0	17.82	Peak	219.00	100	Horizontal	Pass
2**	2487.514	47.13	54.0	6.87	AV	219.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

SISO-Antenna 1

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-5.93	8
Middle	-6.57	8
High	-6.42	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.62	8
Middle	-10.03	8
High	-10.09	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.55	8
Middle	-12.74	8
High	-11.93	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.72	8
Middle	-15.07	8
High	-15.54	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.43	8
Middle	-16.92	8
High	-15.67	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.66	8
Middle	-19.74	8
High	-18.26	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.86	8
Middle	-6.53	8
High	-7.51	8

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.66	8
Middle	-8.31	8
High	-9.26	8

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.88	8
Middle	-12.12	8
High	-12.79	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.73	8
Middle	-8.39	8
High	-8.22	8

802.11ax-40 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.90	8
Middle	-10.10	8
High	-10.05	8

802.11ax-40 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.46	8
Middle	-13.93	8
High	-12.83	8

802.11ax-40 MHz(RU242) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.15	8
Middle	-16.61	8
High	-16.29	8

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802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.20	8
Middle	-5.04	8
High	-5.59	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.78	8
Middle	-10.47	8
High	-10.16	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.82	8
Middle	-11.76	8
High	-10.63	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.51	8
Middle	-15.50	8
High	-13.71	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.24	8
Middle	-16.16	8
High	-15.32	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.10	8
Middle	-18.45	8
High	-18.69	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.37	8
Middle	-7.23	8
High	-7.57	8

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.71	8
Middle	-9.80	8
High	-10.56	8

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.38	8
Middle	-12.77	8
High	-11.85	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.95	8
Middle	-6.89	8
High	-7.25	8

802.11ax-40 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.35	8
Middle	-11.03	8
High	-10.12	8

802.11ax-40 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.36	8
Middle	-11.88	8
High	-13.22	8

802.11ax-40 MHz(RU242) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.43	8
Middle	-16.74	8
High	-15.80	8

MIMO

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-3.05	8
Middle	-2.73	8
High	-2.97	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.69	8
Middle	-7.24	8
High	-7.11	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.16	8
Middle	-9.21	8
High	-8.22	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.06	8
Middle	-12.27	8
High	-11.52	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.79	8
Middle	-13.51	8
High	-12.48	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.80	8
Middle	-16.04	8
High	-15.46	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-3.60	8
Middle	-3.85	8
High	-4.53	8

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.14	8
Middle	-5.98	8
High	-6.85	8

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.55	8
Middle	-9.42	8
High	-9.28	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-4.31	8
Middle	-4.57	8
High	-4.70	8

802.11ax-40 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.61	8
Middle	-7.53	8
High	-7.07	8

802.11ax-40 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.86	8
Middle	-9.77	8
High	-10.01	8

802.11ax-40 MHz(RU242) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.28	8
Middle	-13.66	8
High	-13.03	8

Test Plots

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802.11b LOW CHANNEL



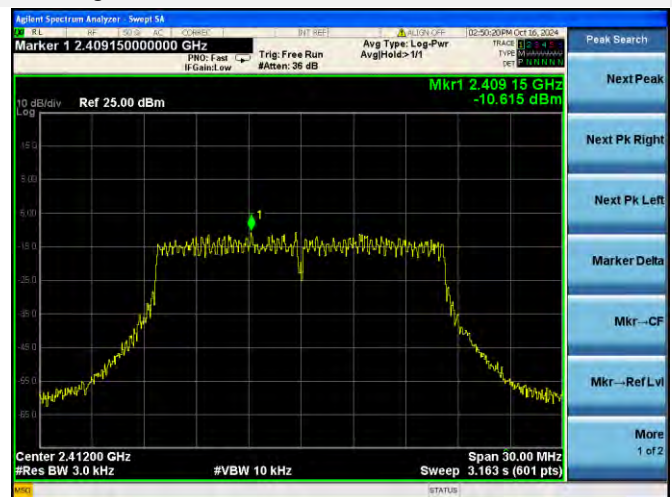
802.11b MIDDLE CHANNEL



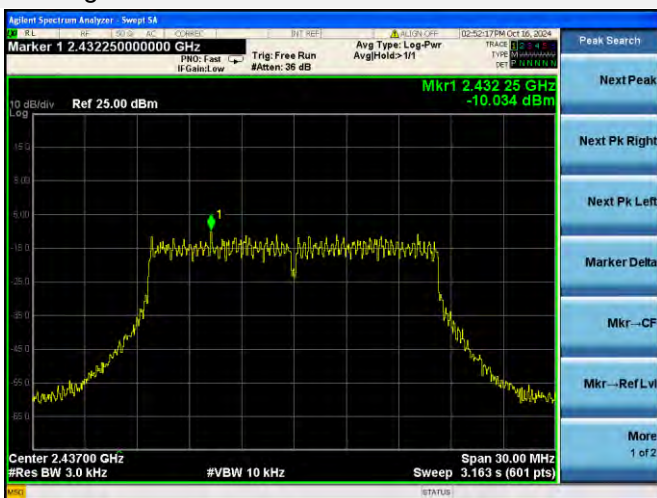
802.11b HIGH CHANNEL



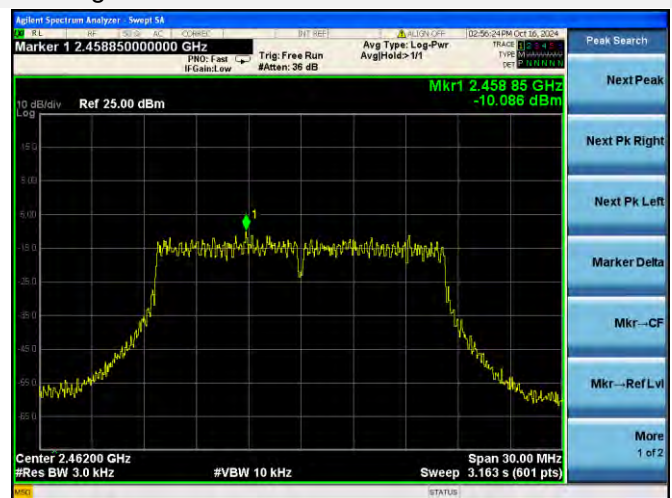
802.11g LOW CHANNEL



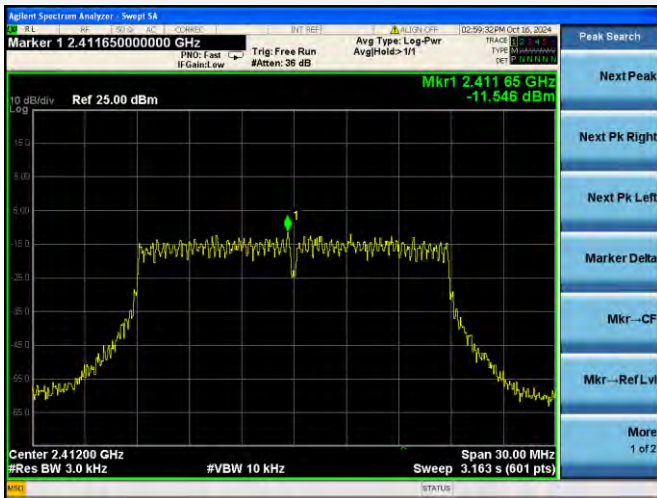
802.11g MIDDLE CHANNEL



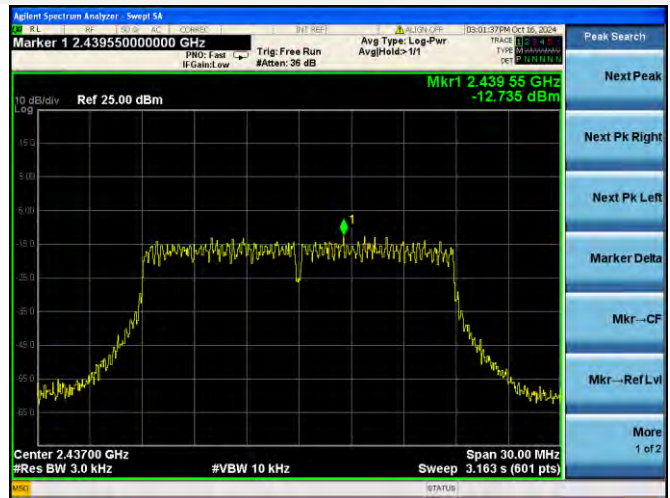
802.11g HIGH CHANNEL



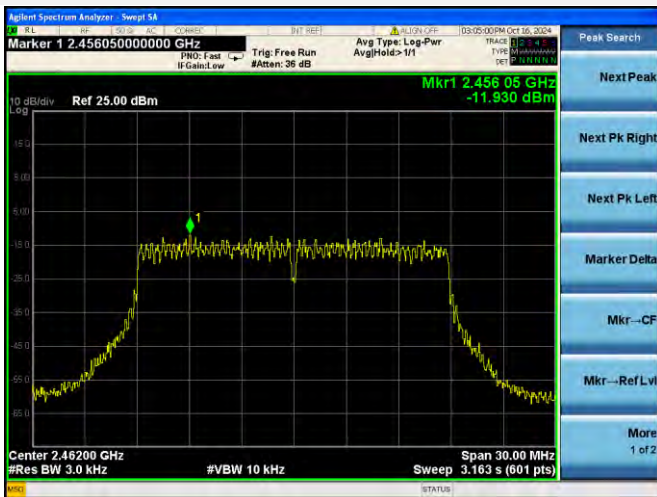
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



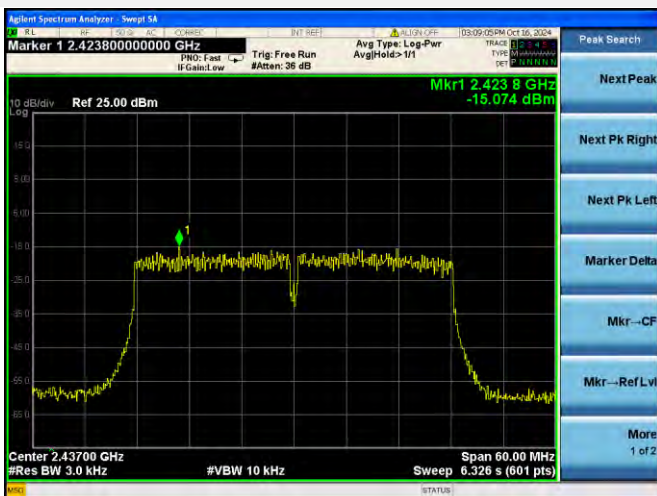
802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



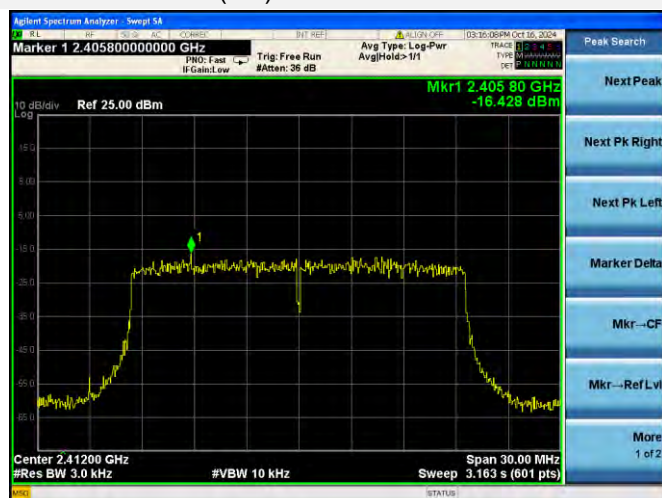
802.11n-40 MHz MIDDLE CHANNEL



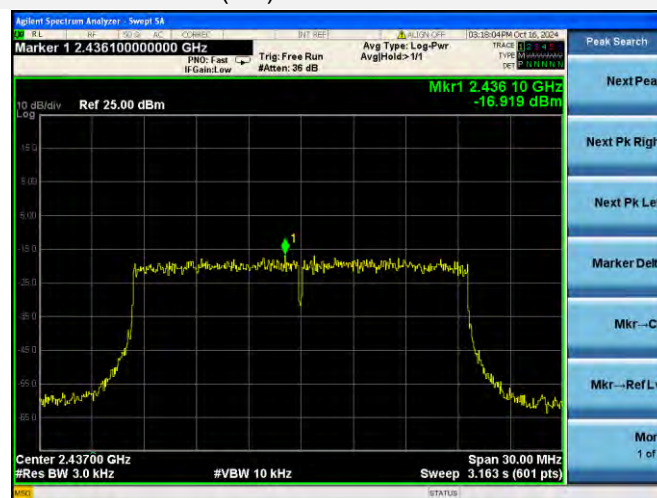
802.11n-40 MHz HIGH CHANNEL



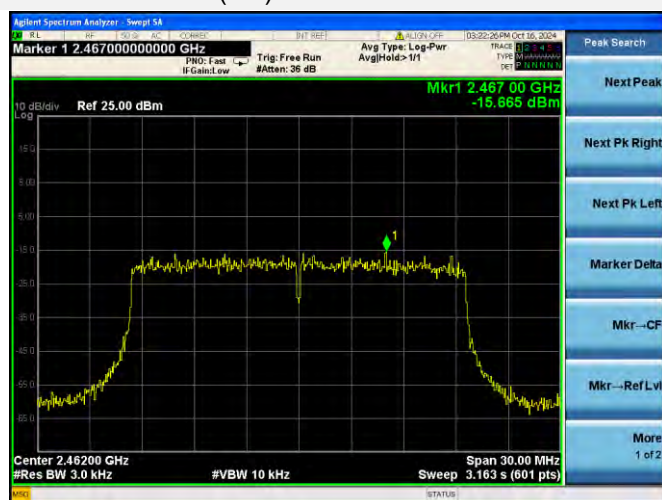
802.11ax-20 MHz(SU) LOW CHANNEL



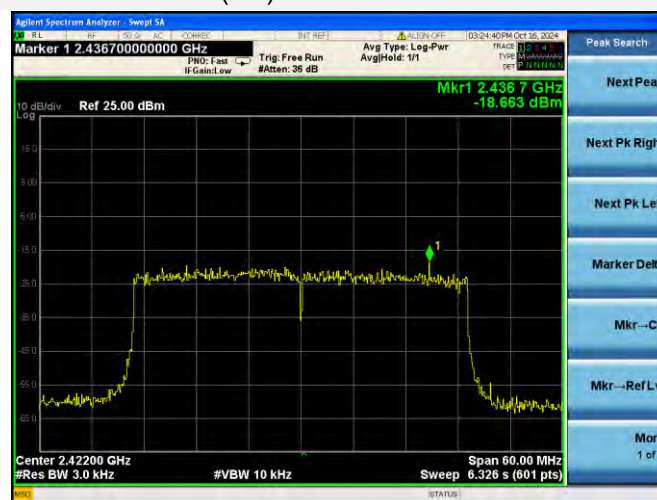
802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL



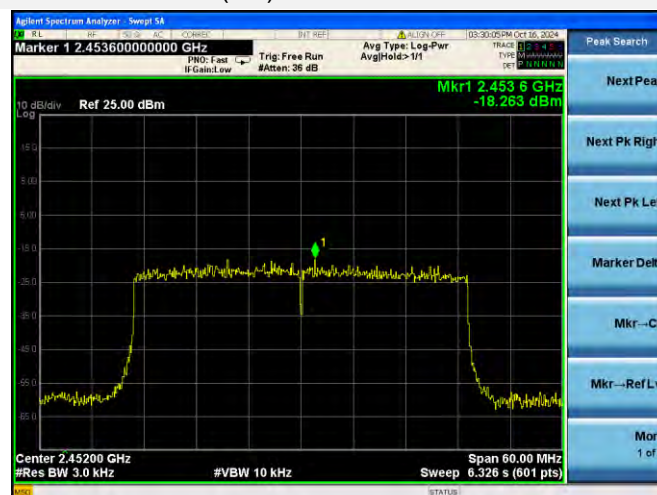
802.11ax-40 MHz(SU) LOW CHANNEL



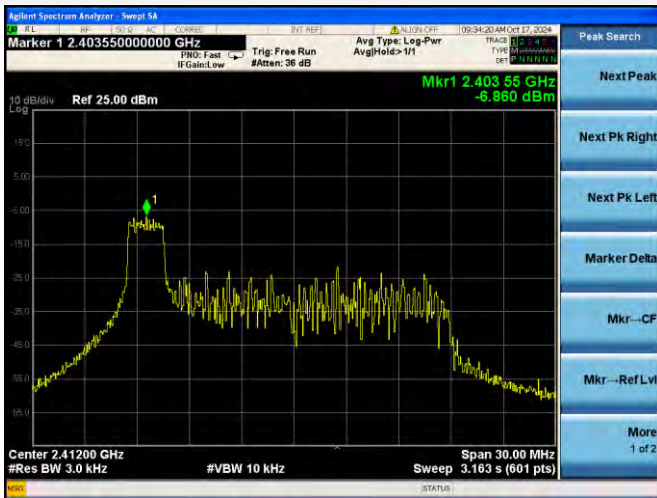
802.11ax-40 MHz(SU) MIDDLE CHANNEL



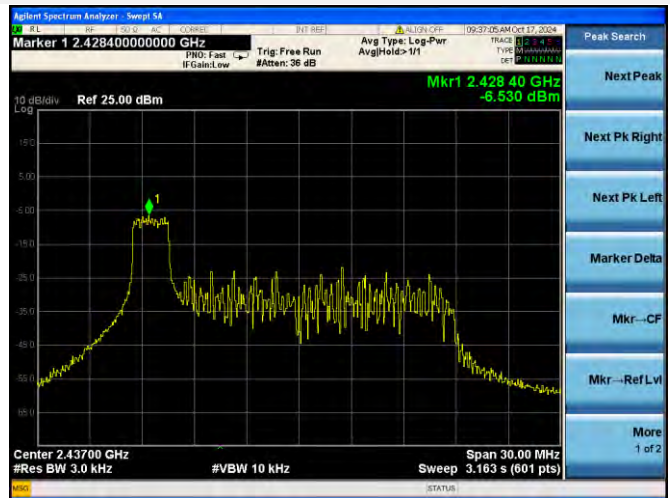
802.11ax-40 MHz(SU) HIGH CHANNEL



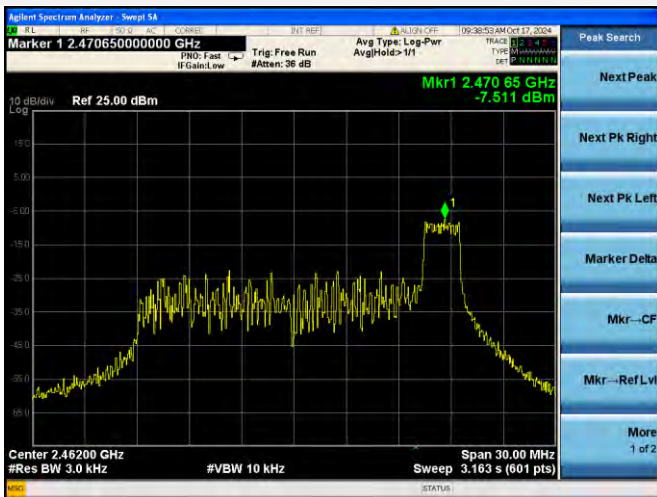
802.11ax-20 MHz(RU26) LOW CHANNEL



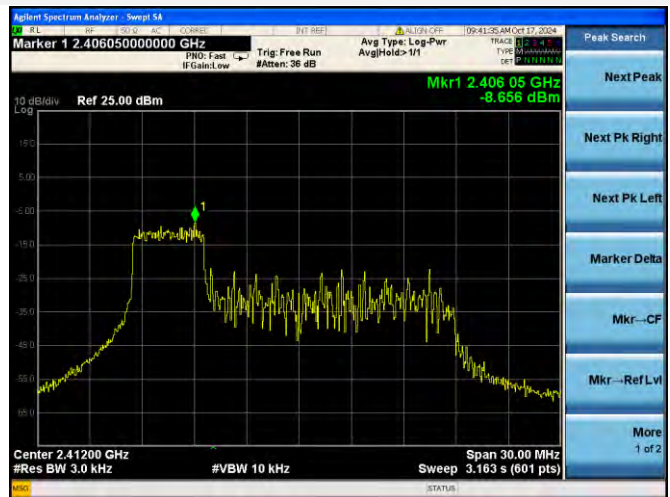
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



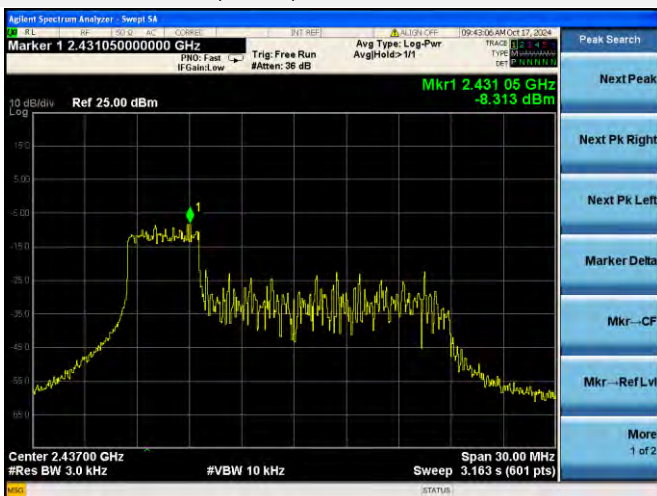
802.11ax-20 MHz(RU26) HIGH CHANNEL



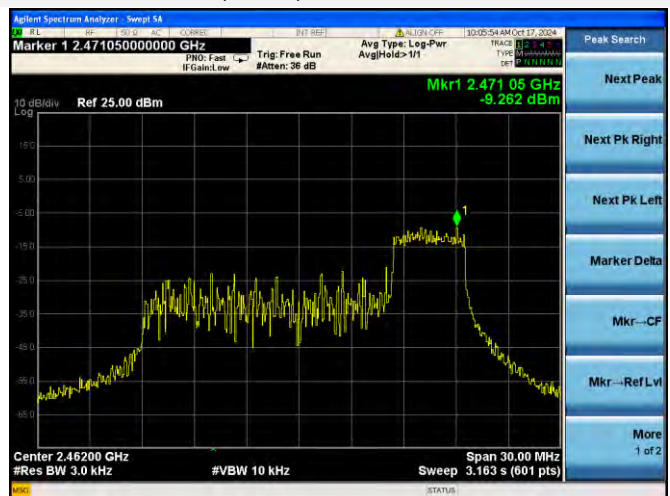
802.11ax-20 MHz(RU52) LOW CHANNEL



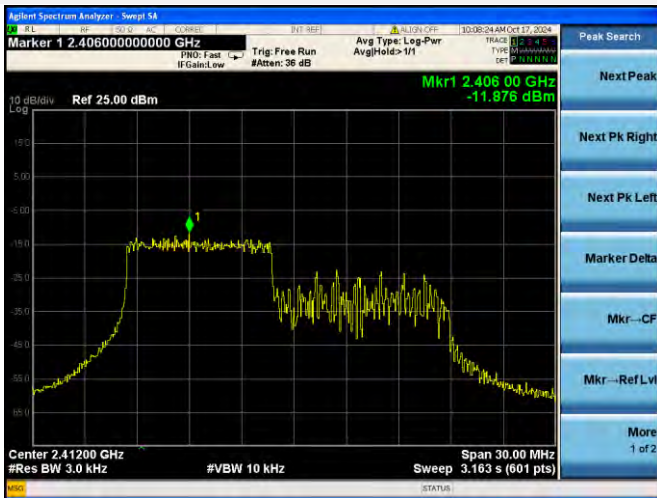
802.11ax-20 MHz(RU52) MIDDLE CHANNEL



802.11ax-20 MHz(RU52) HIGH CHANNEL



802.11ax-20 MHz(RU106) LOW CHANNEL



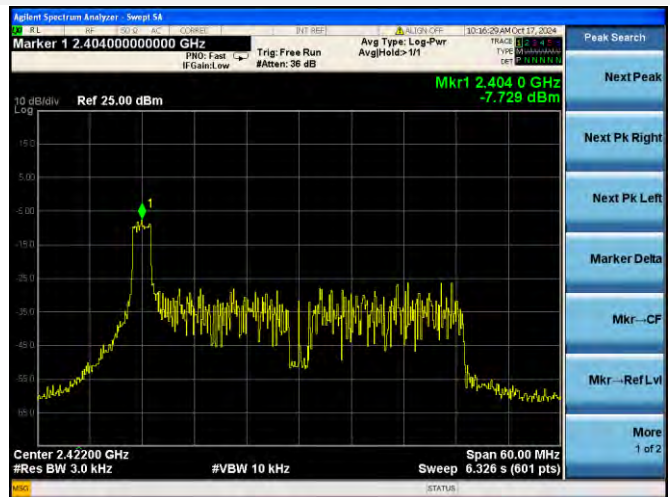
802.11ax-20 MHz(RU106) MIDDLE CHANNEL



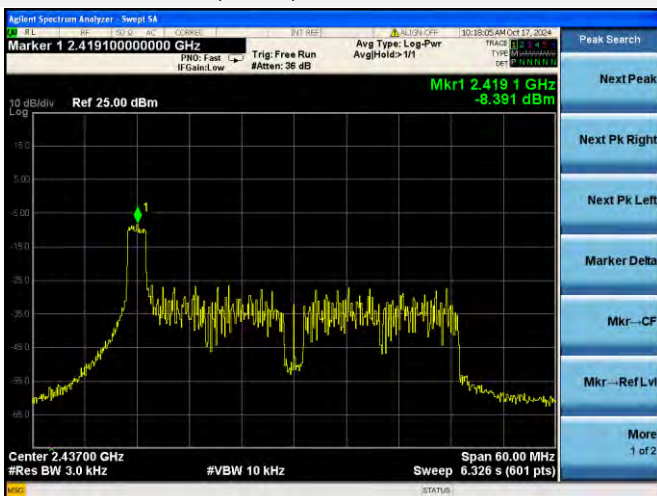
802.11ax-20 MHz(RU106) HIGH CHANNEL



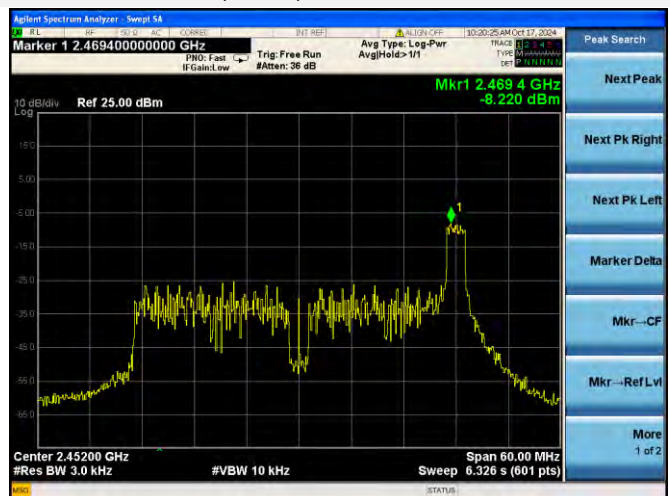
802.11ax-40 MHz(RU26) LOW CHANNEL



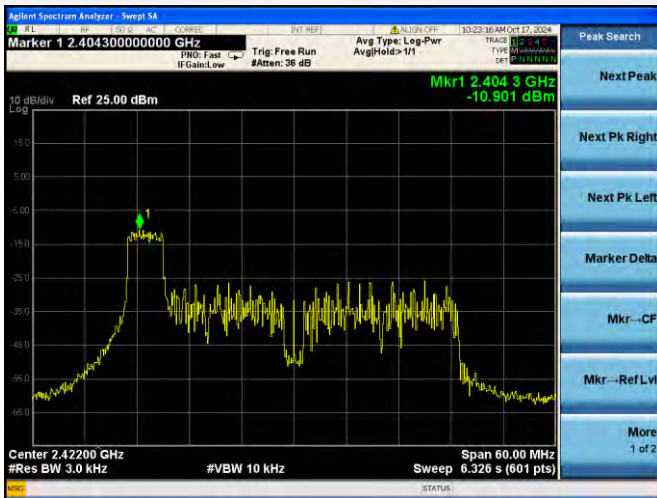
802.11ax-40 MHz(RU26) MIDDLE CHANNEL



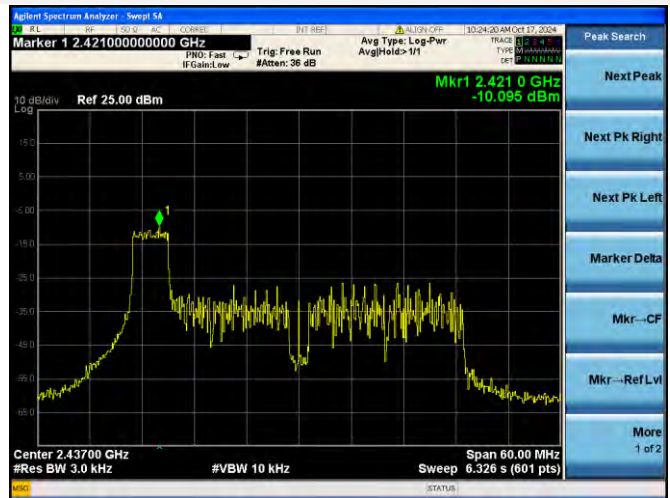
802.11ax-40 MHz(RU26) HIGH CHANNEL



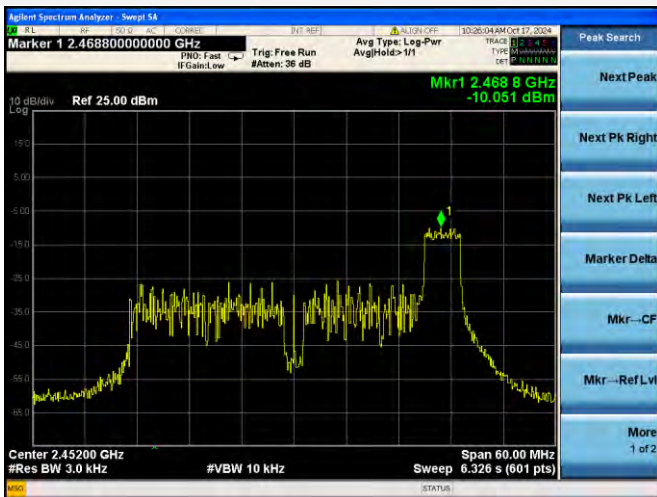
802.11ax-40 MHz(RU52) LOW CHANNEL



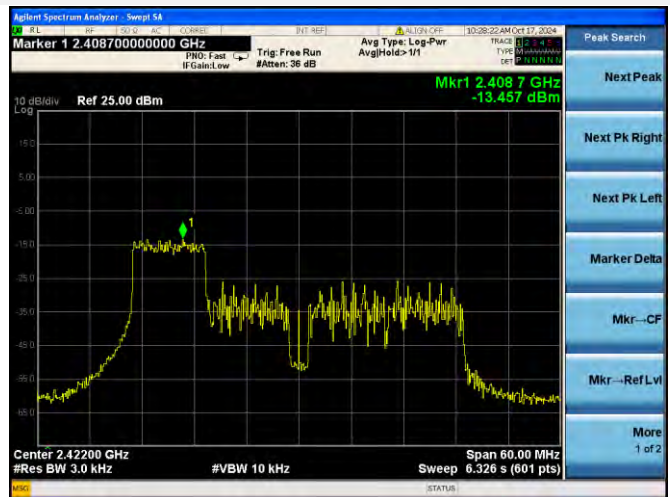
802.11ax-40 MHz(RU52) MIDDLE CHANNEL



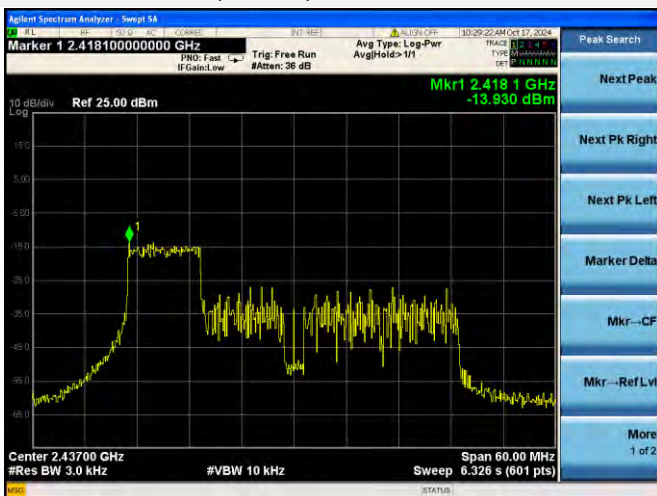
802.11ax-40 MHz(RU52) HIGH CHANNEL



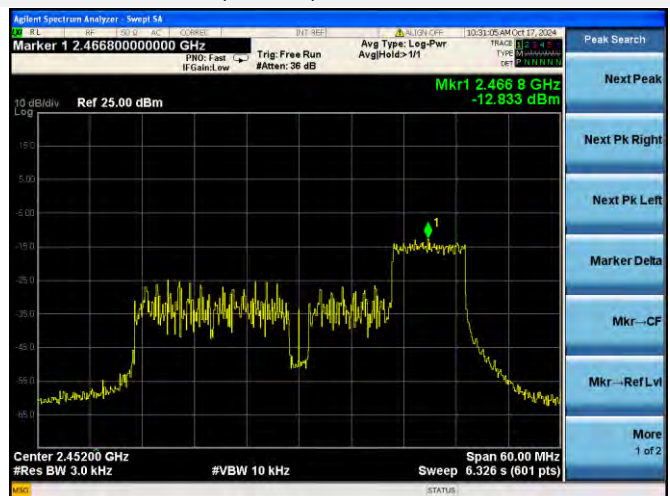
802.11ax-40 MHz(RU106) LOW CHANNEL



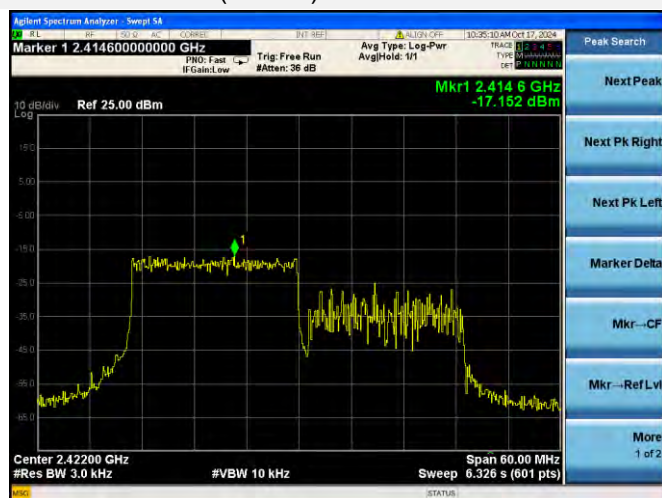
802.11ax-40 MHz(RU106) MIDDLE CHANNEL



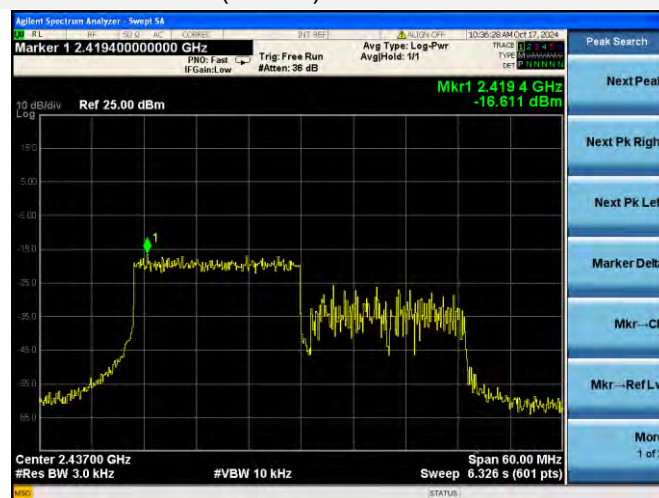
802.11ax-40 MHz(RU106) HIGH CHANNEL



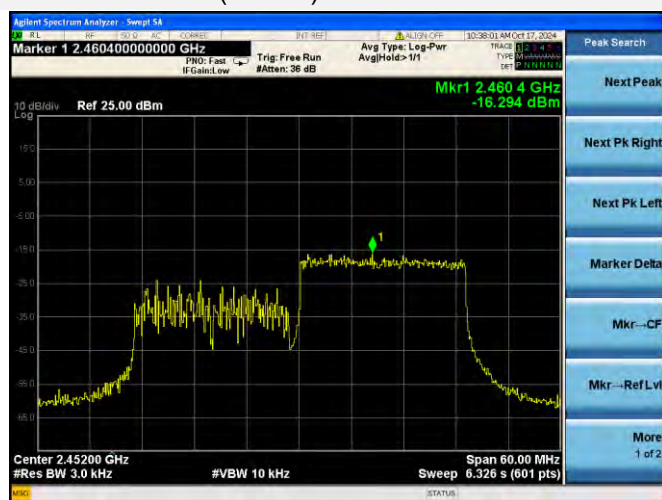
802.11ax-40 MHz(RU242) LOW CHANNEL



802.11ax-40 MHz(RU242) MIDDLE CHANNEL



802.11ax-40 MHz(RU242) HIGH CHANNEL



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802.11b LOW CHANNEL



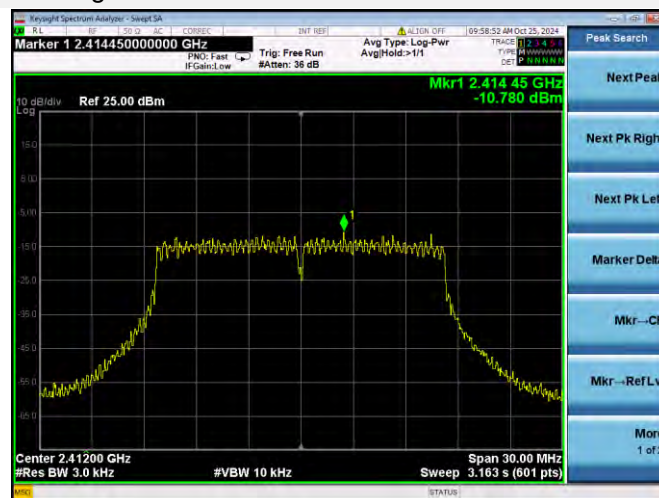
802.11b MIDDLE CHANNEL



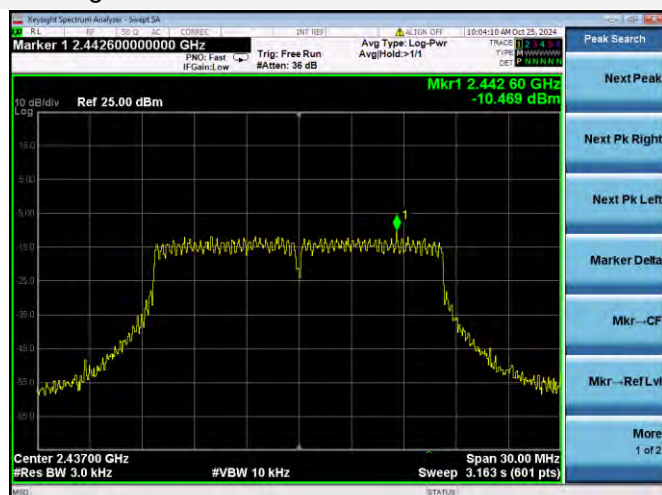
802.11b HIGH CHANNEL



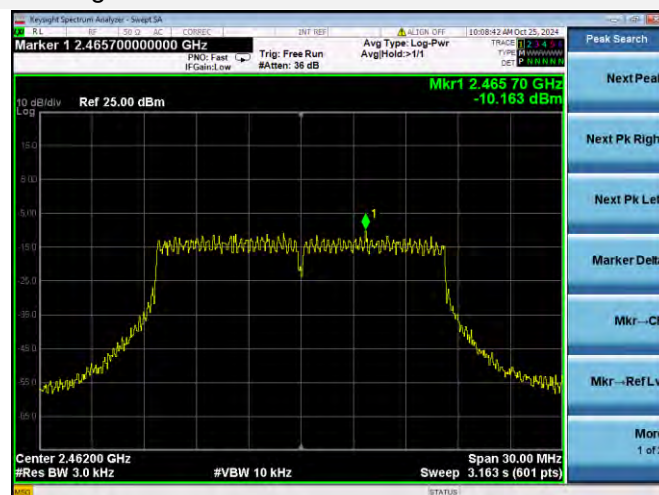
802.11g LOW CHANNEL



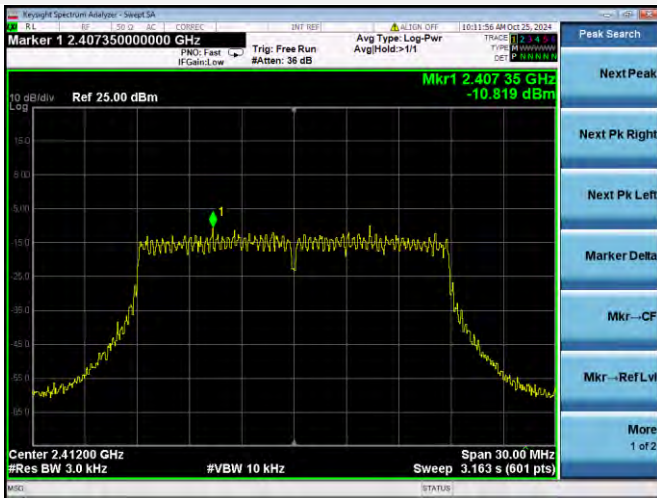
802.11g MIDDLE CHANNEL



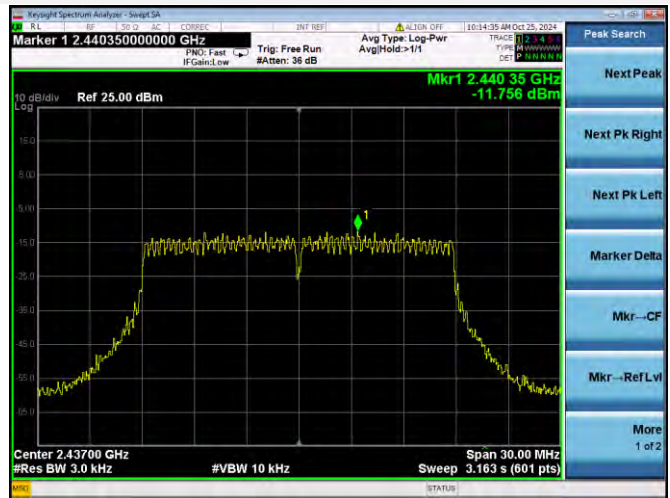
802.11g HIGH CHANNEL



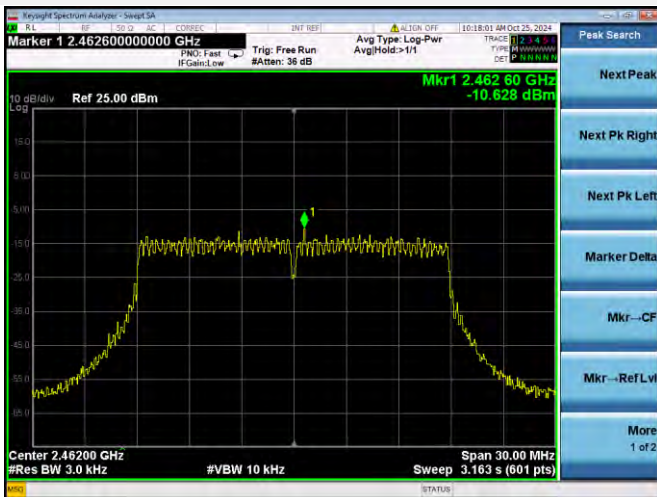
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



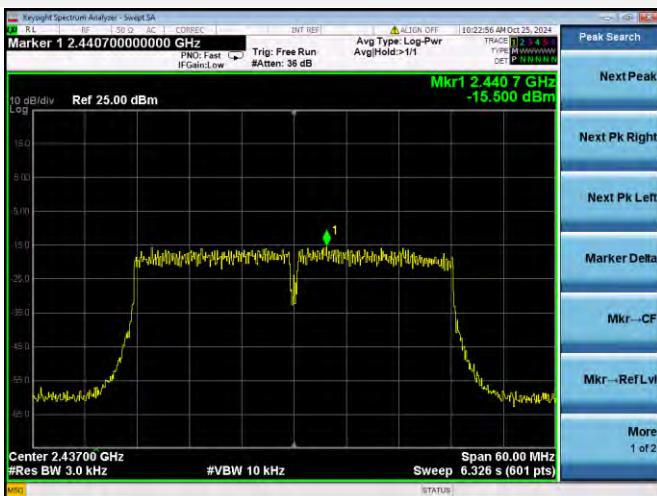
802.11n-20 MHz HIGH CHANNEL



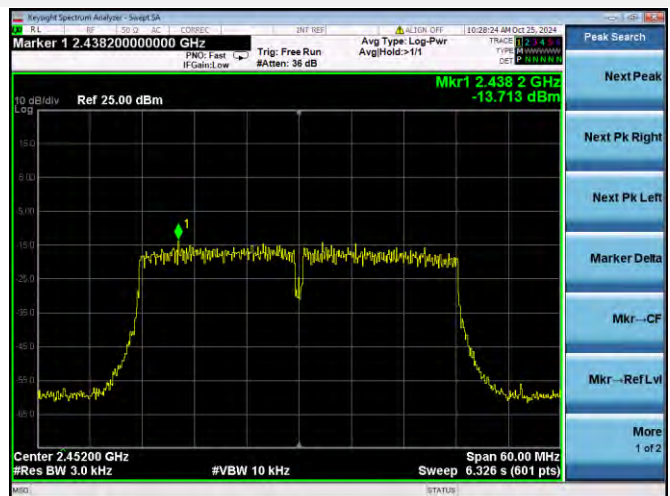
802.11n-40 MHz LOW CHANNEL



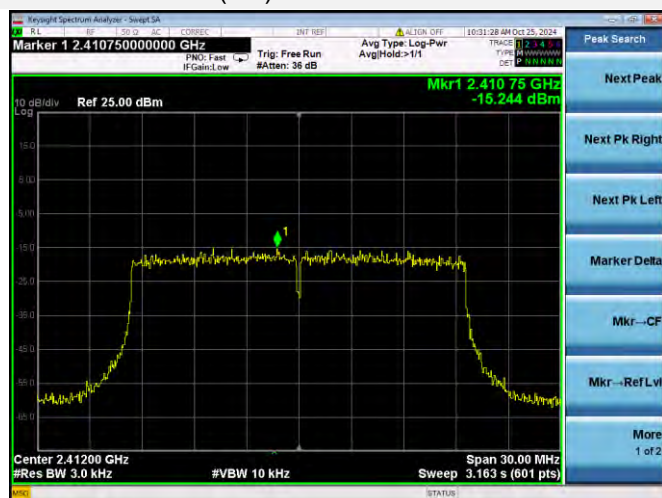
802.11n-40 MHz MIDDLE CHANNEL



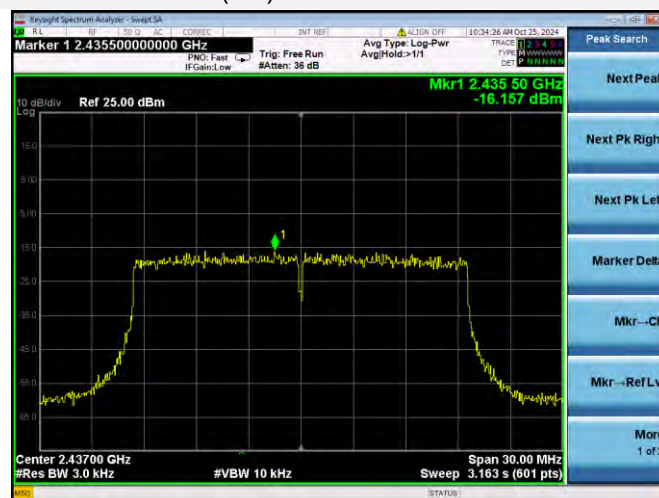
802.11n-40 MHz HIGH CHANNEL



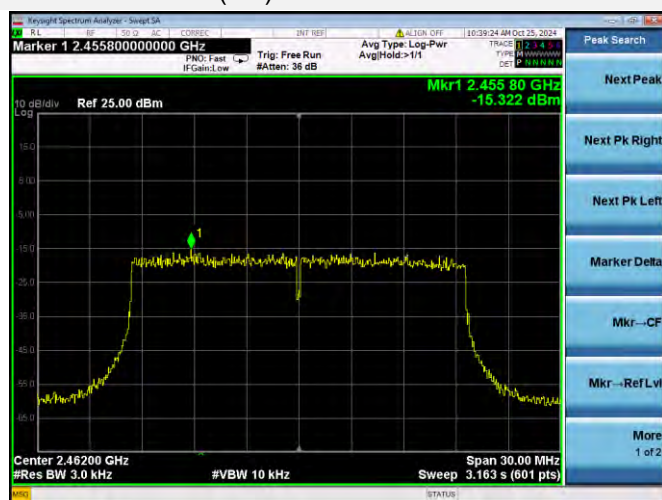
802.11ax-20 MHz(SU) LOW CHANNEL



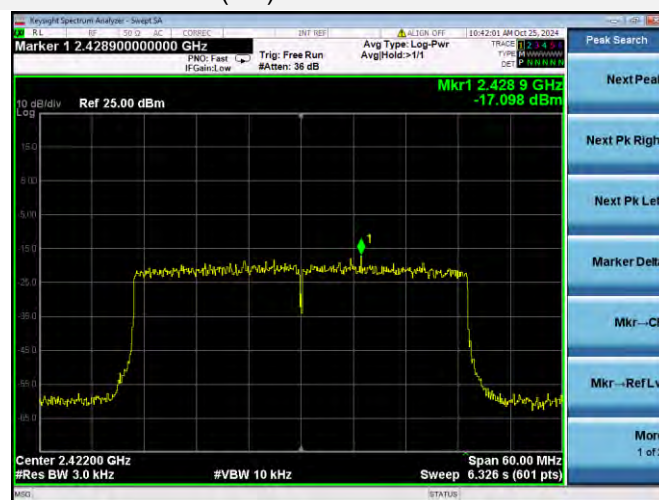
802.11ax-20 MHz(SU) MIDDLE CHANNEL



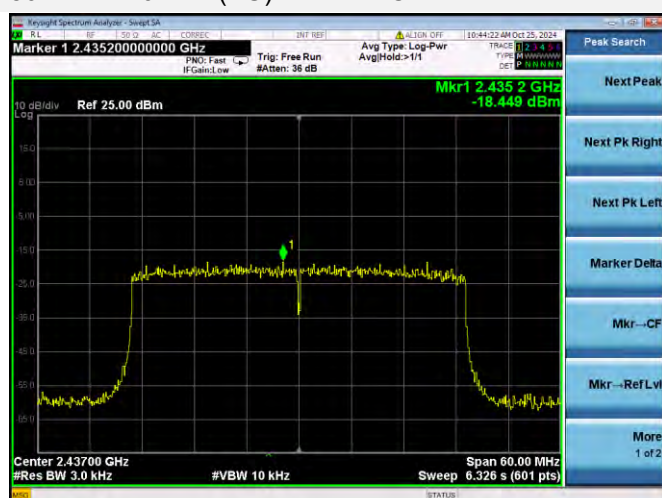
802.11ax-20 MHz(SU) HIGH CHANNEL



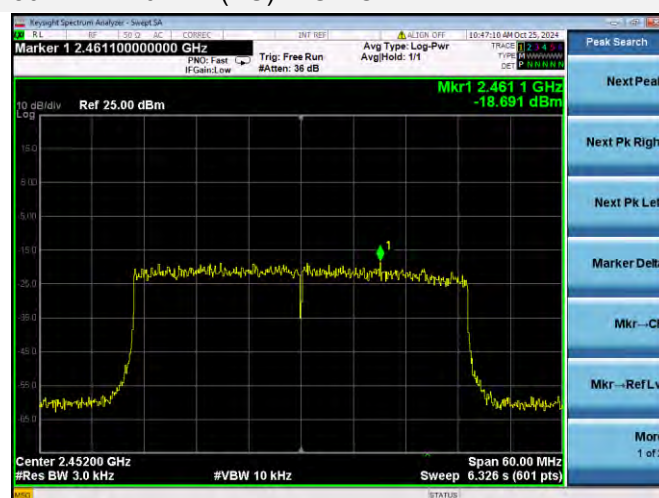
802.11ax-40 MHz(SU) LOW CHANNEL



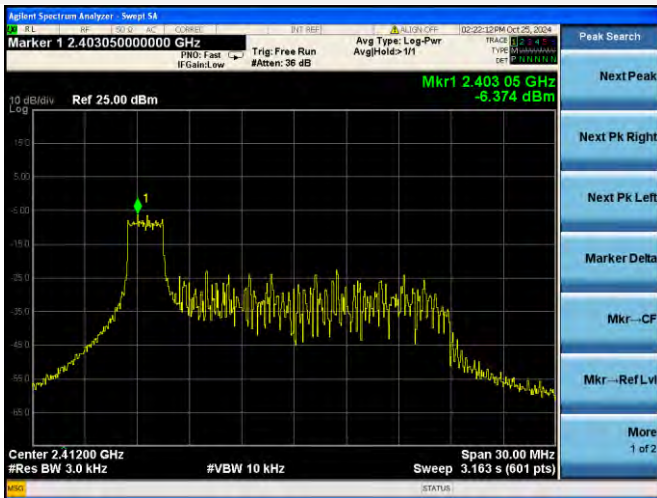
802.11ax-40 MHz(SU) MIDDLE CHANNEL



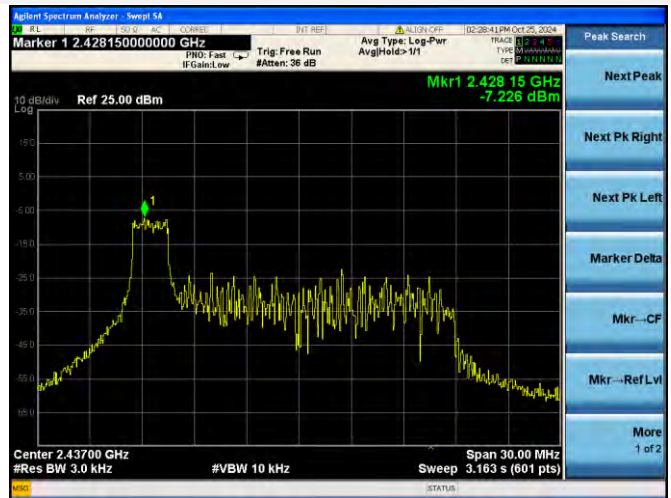
802.11ax-40 MHz(SU) HIGH CHANNEL



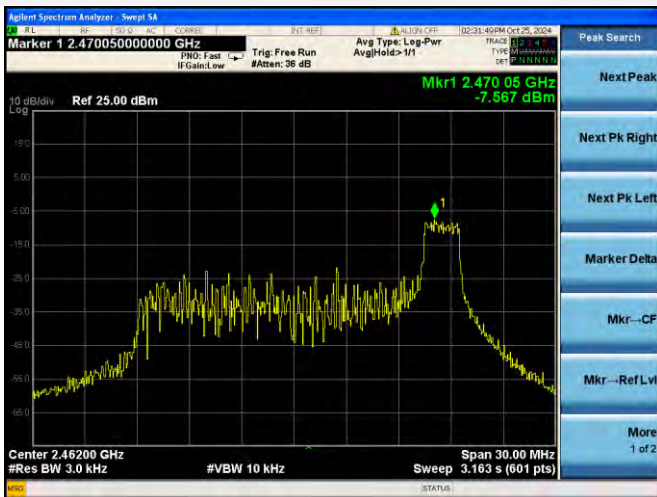
802.11ax-20 MHz(RU26) LOW CHANNEL



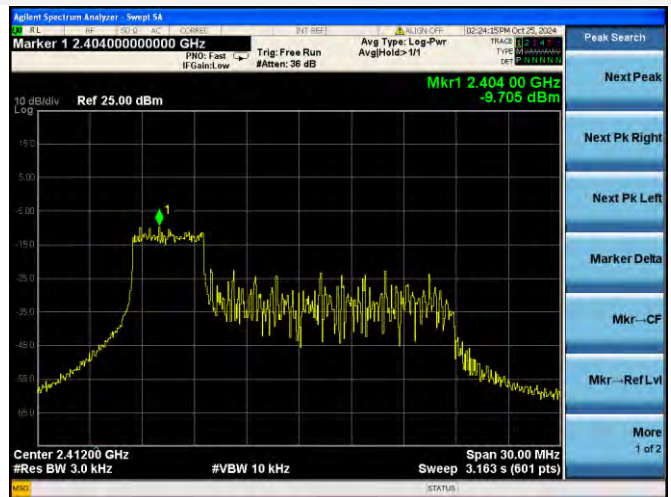
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



802.11ax-20 MHz(RU26) HIGH CHANNEL



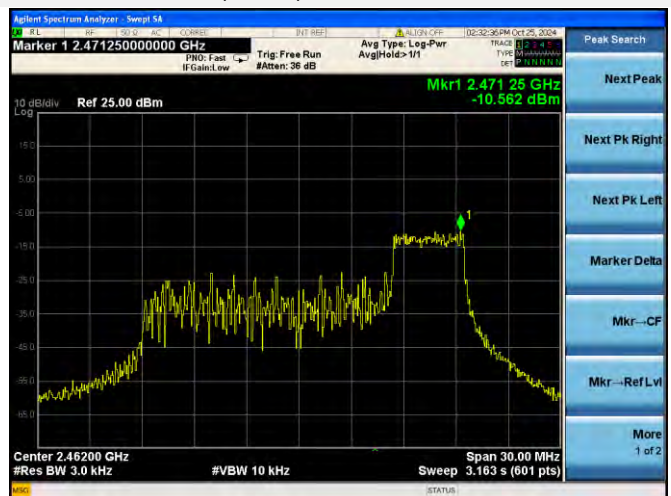
802.11ax-20 MHz(RU52) LOW CHANNEL



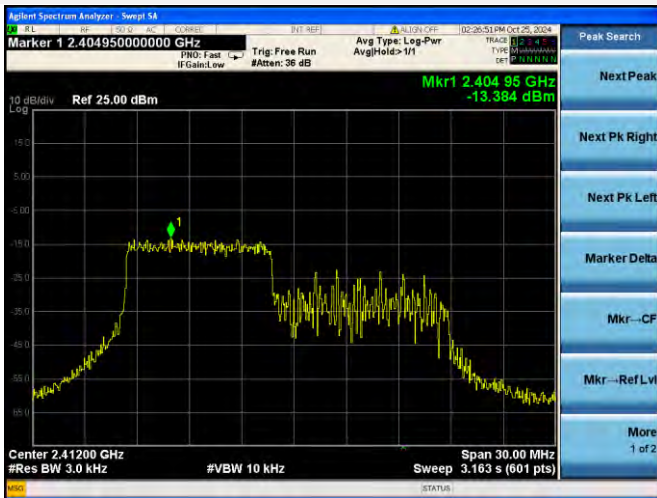
802.11ax-20 MHz(RU52) MIDDLE CHANNEL



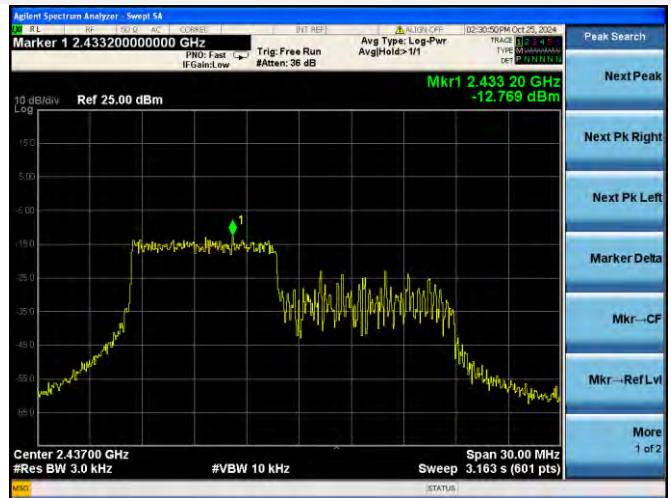
802.11ax-20 MHz(RU52) HIGH CHANNEL



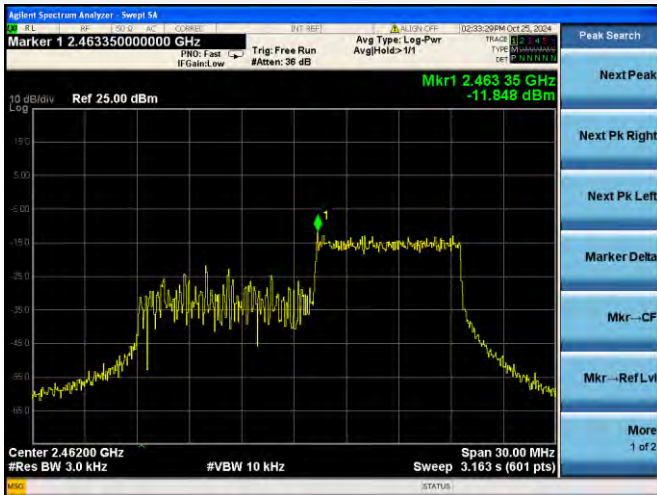
802.11ax-20 MHz(RU106) LOW CHANNEL



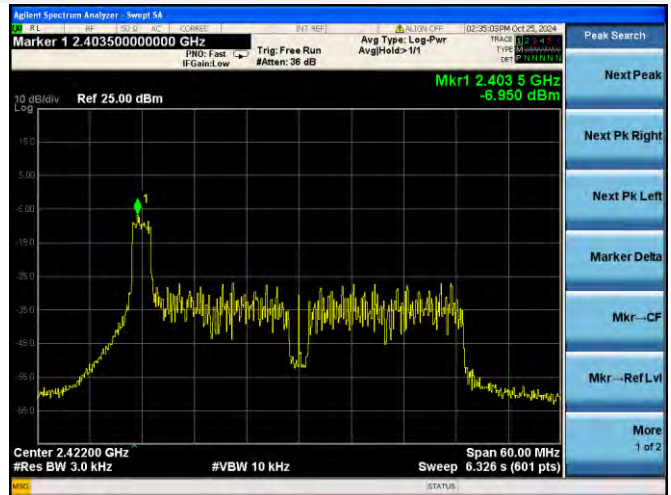
802.11ax-20 MHz(RU106) MIDDLE CHANNEL



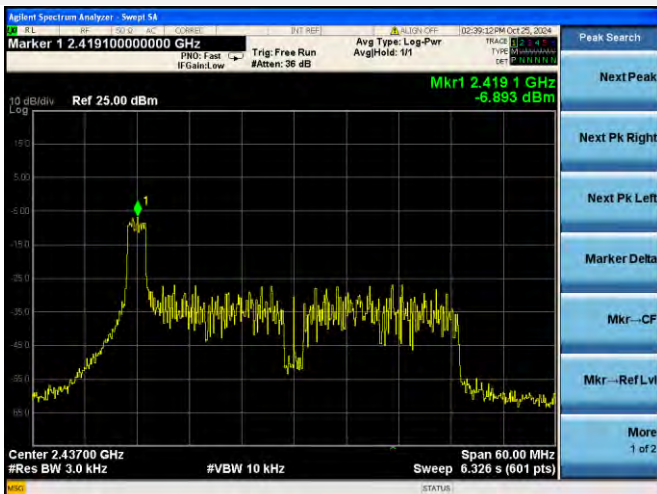
802.11ax-20 MHz(RU106) HIGH CHANNEL



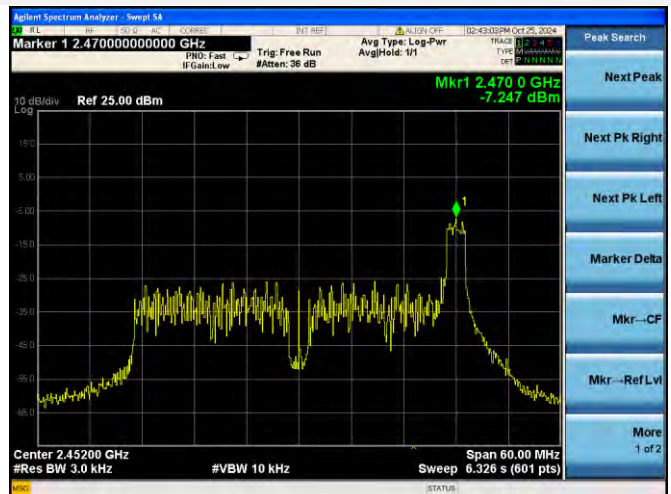
802.11ax-40 MHz(RU26) LOW CHANNEL



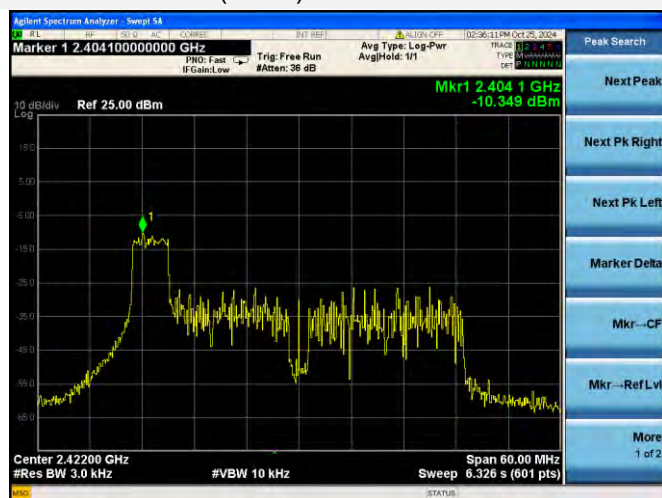
802.11ax-40 MHz(RU26) MIDDLE CHANNEL



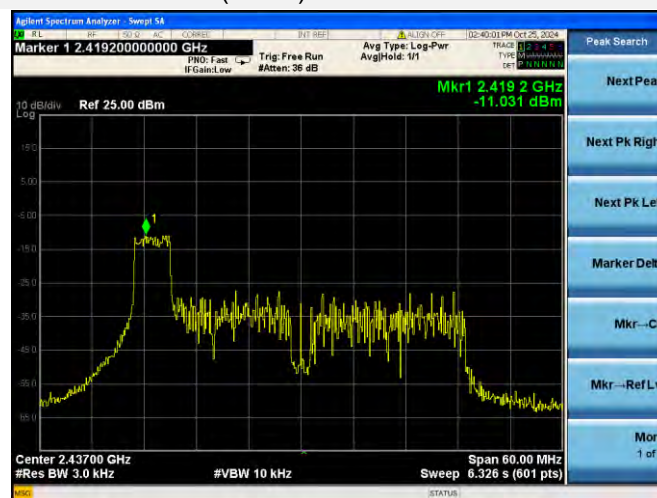
802.11ax-40 MHz(RU26) HIGH CHANNEL



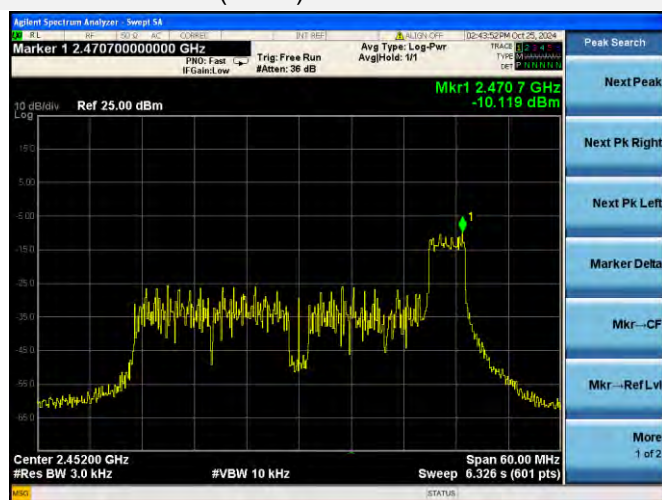
802.11ax-40 MHz(RU52) LOW CHANNEL



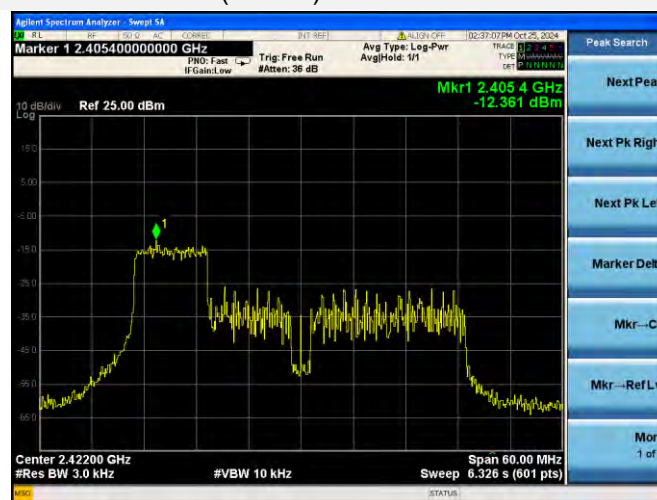
802.11ax-40 MHz(RU52) MIDDLE CHANNEL



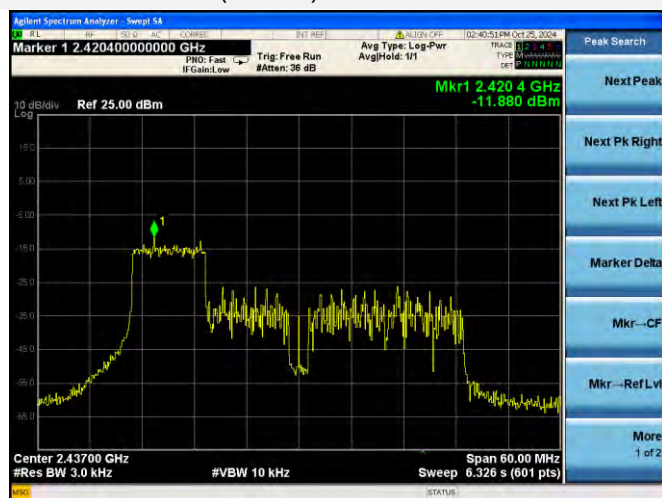
802.11ax-40 MHz(RU52) HIGH CHANNEL



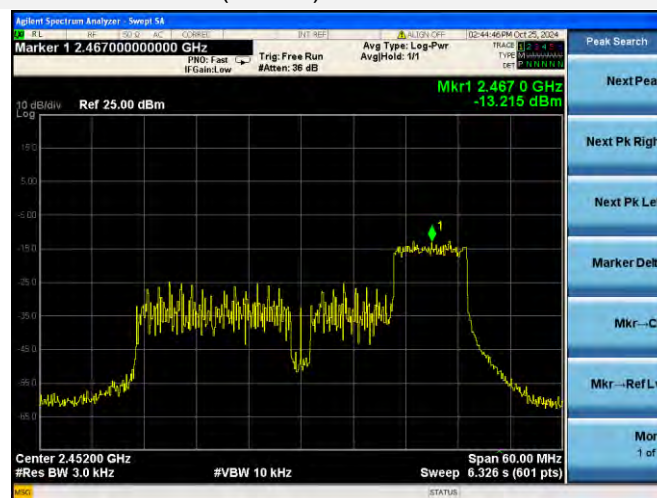
802.11ax-40 MHz(RU106) LOW CHANNEL



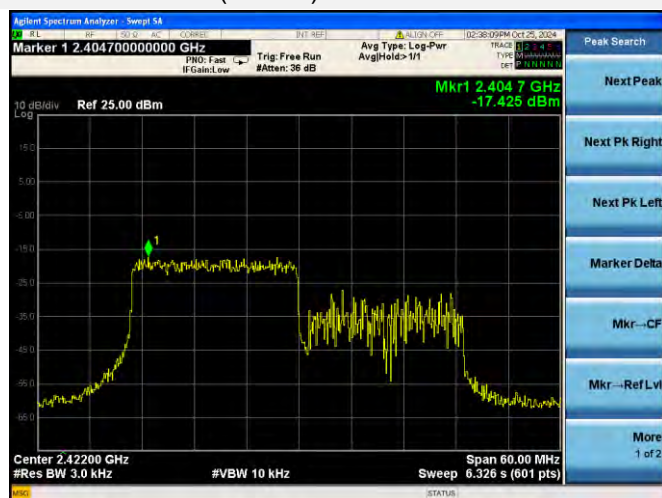
802.11ax-40 MHz(RU106) MIDDLE CHANNEL



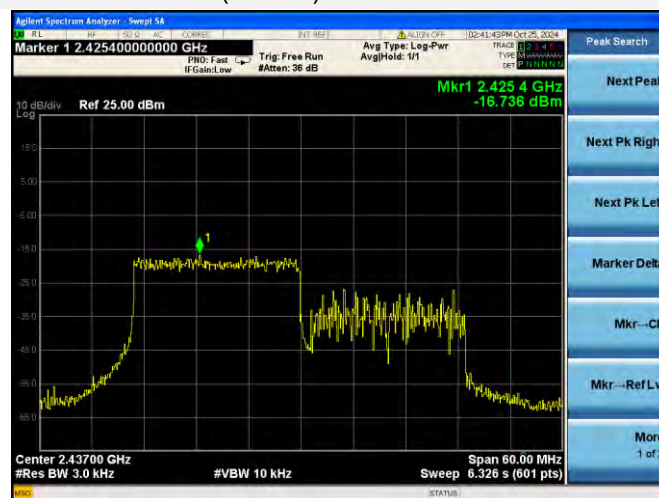
802.11ax-40 MHz(RU106) HIGH CHANNEL



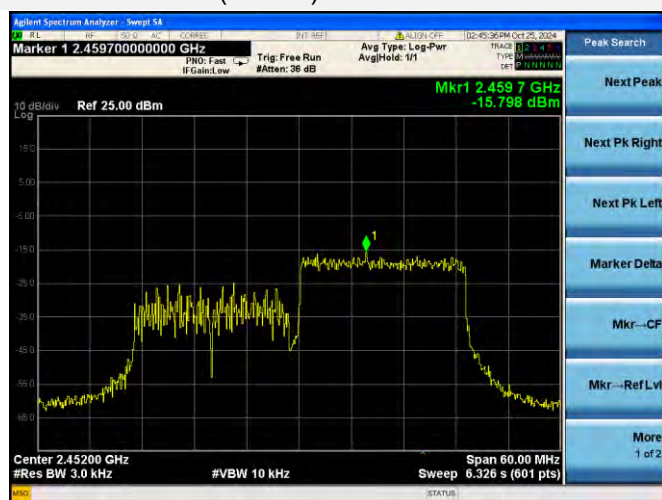
802.11ax-40 MHz(RU242) LOW CHANNEL



802.11ax-40 MHz(RU242) MIDDLE CHANNEL



802.11ax-40 MHz(RU242) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ24A0296-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ24A0296-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ24A0296-AI.PDF”.

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--END OF REPORT--