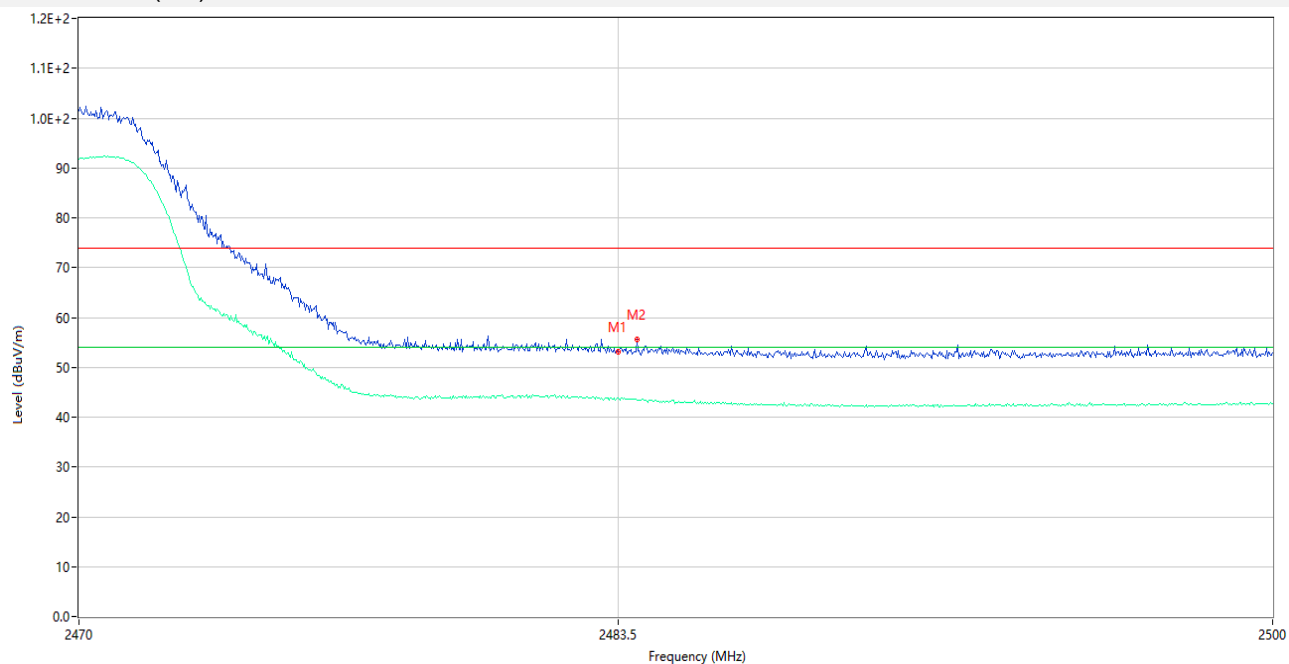


802.11ax20(SU) LOW CHANNEL ANT H



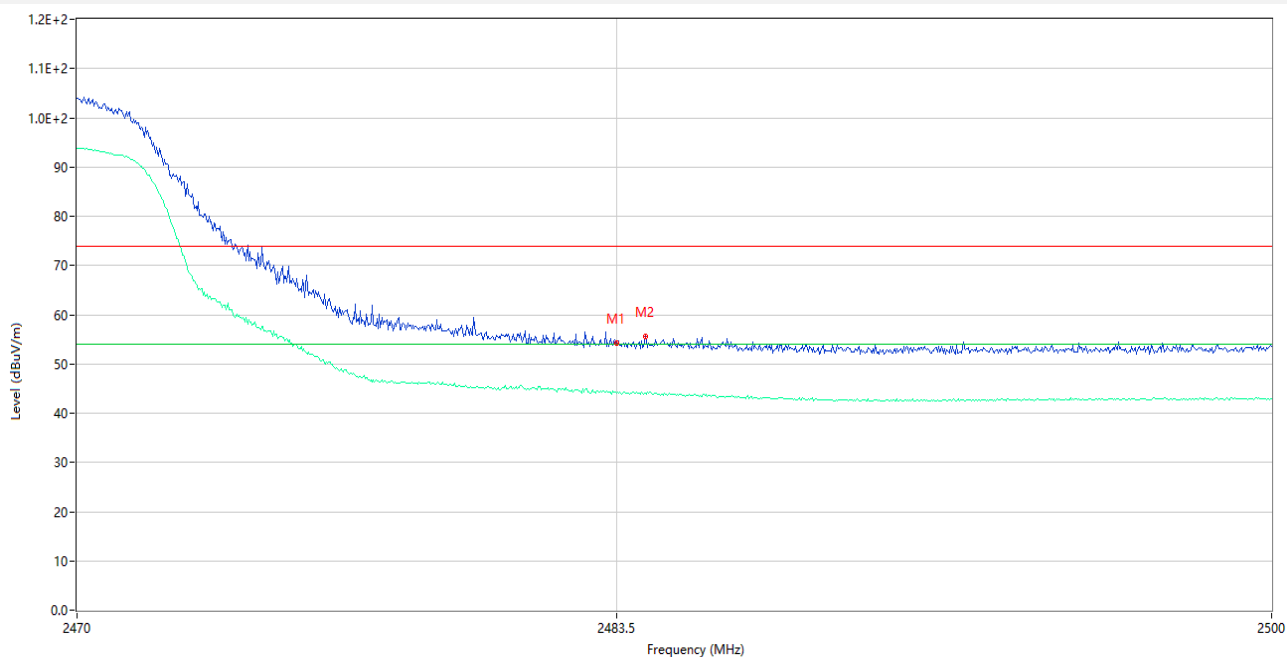
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	53.77	-3.73	74.0	20.23	Peak	285.00	150	Horizontal	Pass
1**	2390.000	43.77	-3.73	54.0	10.23	AV	285.00	150	Horizontal	Pass
2	2388.400	55.26	-3.64	74.0	18.74	Peak	297.00	150	Horizontal	Pass
2**	2388.400	42.96	-3.64	54.0	11.04	AV	297.00	150	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.19	-2.60	74.0	20.81	Peak	7.00	150	Vertical	Pass
1**	2483.500	43.77	-2.60	54.0	10.23	AV	7.00	150	Vertical	Pass
2	2483.980	55.53	-2.61	74.0	18.47	Peak	137.00	150	Vertical	Pass
2**	2483.980	43.44	-2.61	54.0	10.56	AV	137.00	150	Vertical	Pass

802.11 ax20(SU) HIGH CHANNEL ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.35	-2.60	74.0	20.65	Peak	155.00	150	Horizontal	Pass
1**	2483.500	44.05	-2.60	54.0	9.95	AV	155.00	150	Horizontal	Pass
2	2484.220	55.61	-2.61	74.0	18.39	Peak	0.00	150	Horizontal	Pass
2**	2484.220	43.74	-2.61	54.0	10.26	AV	0.00	150	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL ANT V



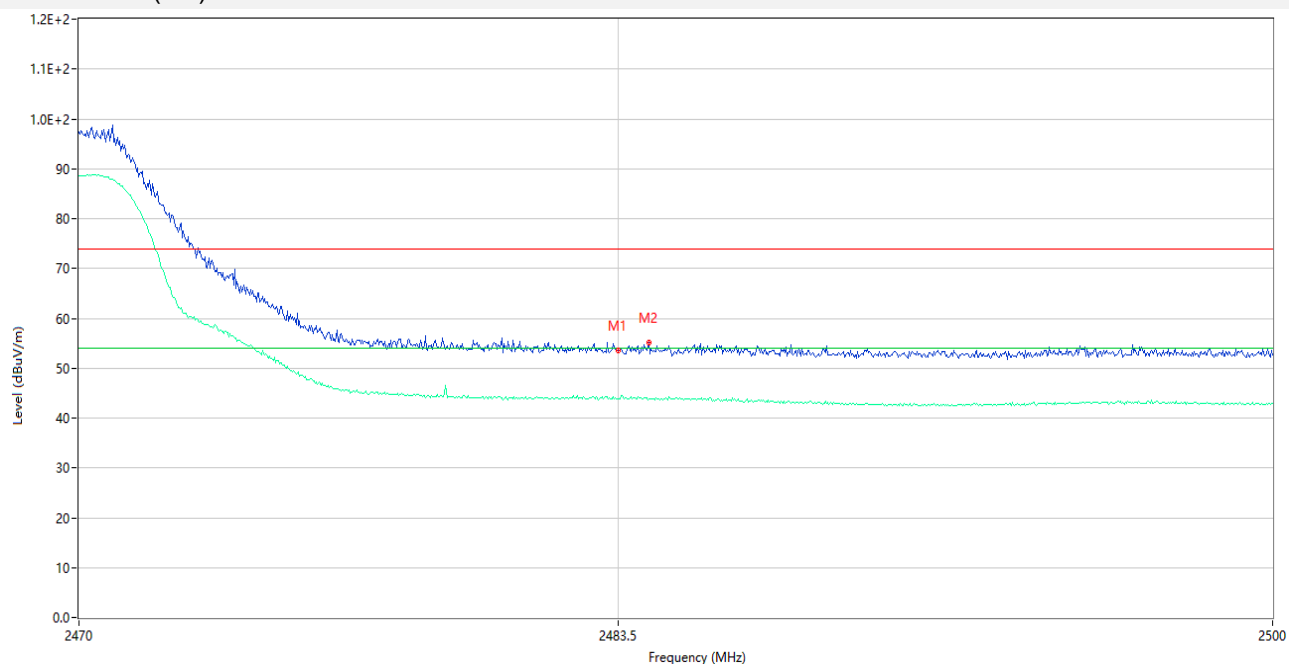
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.13	-3.73	74.0	19.87	Peak	324.67	150	Vertical	Pass
1**	2390.000	43.83	-3.73	54.0	10.17	AV	324.67	150	Vertical	Pass
2	2383.500	54.80	-3.33	74.0	19.20	Peak	70.00	150	Vertical	Pass
2**	2383.500	42.41	-3.33	54.0	11.59	AV	70.00	150	Vertical	Pass

802.11ax40(SU) LOW CHANNEL ANT H



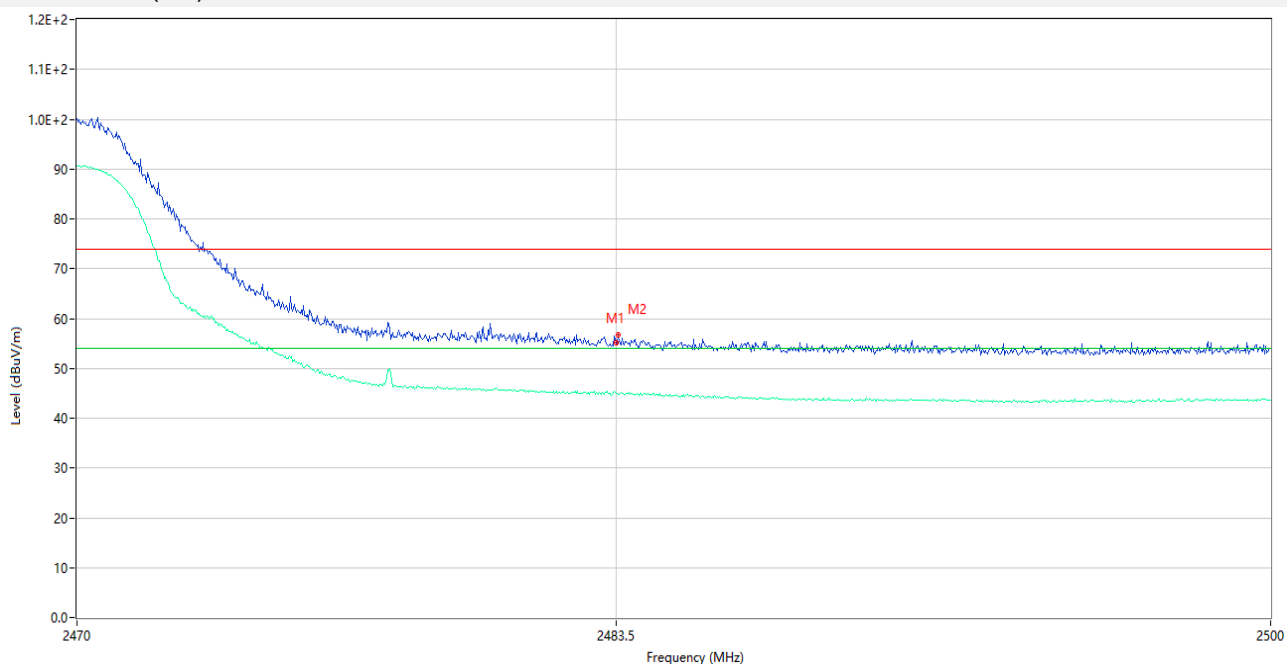
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	53.13	-3.73	74.0	20.87	Peak	0.00	150	Horizontal	Pass
1**	2390.000	42.85	-3.73	54.0	11.15	AV	0.00	150	Horizontal	Pass
2	2379.800	54.82	-3.14	74.0	19.18	Peak	155.00	150	Horizontal	Pass
2**	2379.800	42.77	-3.14	54.0	11.23	AV	155.00	150	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.48	-2.60	74.0	20.52	Peak	143.00	150	Vertical	Pass
1**	2483.500	43.80	-2.60	54.0	10.20	AV	143.00	150	Vertical	Pass
2	2484.280	55.22	-2.61	74.0	18.78	Peak	0.00	150	Vertical	Pass
2**	2484.280	43.91	-2.61	54.0	10.09	AV	0.00	150	Vertical	Pass

802.11 ax40(SU) HIGH CHANNEL ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.07	-2.60	74.0	18.93	Peak	147.00	150	Horizontal	Pass
1**	2483.500	45.01	-2.60	54.0	8.99	AV	147.00	150	Horizontal	Pass
2	2483.560	56.77	-2.60	74.0	17.23	Peak	360.00	150	Horizontal	Pass
2**	2483.560	44.81	-2.60	54.0	9.19	AV	360.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.92	8
Middle	-13.08	8
High	-14.53	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.83	8
Middle	-14.80	8
High	-13.87	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.43	8
Middle	-13.99	8
High	-13.82	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.03	8
Middle	-15.77	8
High	-15.88	8

VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.47	8
Middle	-15.11	8
High	-13.27	8

VHT-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.26	8
Middle	-16.76	8
High	-15.54	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.21	8
Middle	-13.24	8
High	-14.18	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.95	8
Middle	-14.69	8
High	-18.30	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.08	8
Middle	-11.30	8
High	-13.41	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.16	8
Middle	-14.24	8
High	-13.49	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.55	8
Middle	-13.41	8
High	-13.25	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.94	8
Middle	-15.99	8
High	-16.03	8

VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.98	8
Middle	-13.64	8
High	-12.74	8

VHT-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.30	8
Middle	-15.55	8
High	-15.25	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.00	8
Middle	-13.33	8
High	-14.66	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.65	8
Middle	-16.74	8
High	-17.08	8

Test Plots

Main Antenna

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



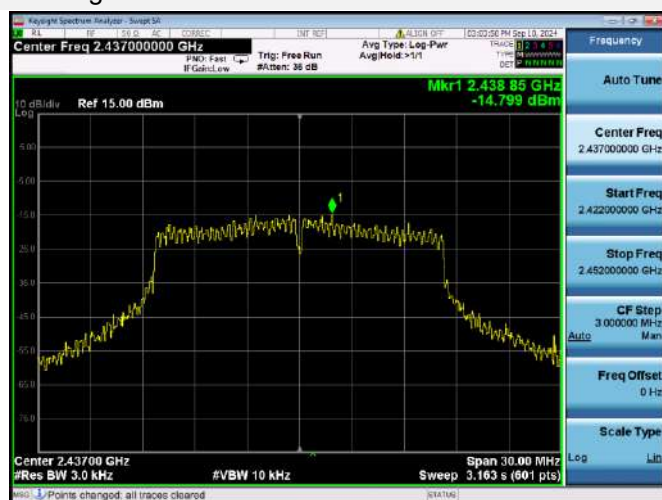
802.11b HIGH CHANNEL



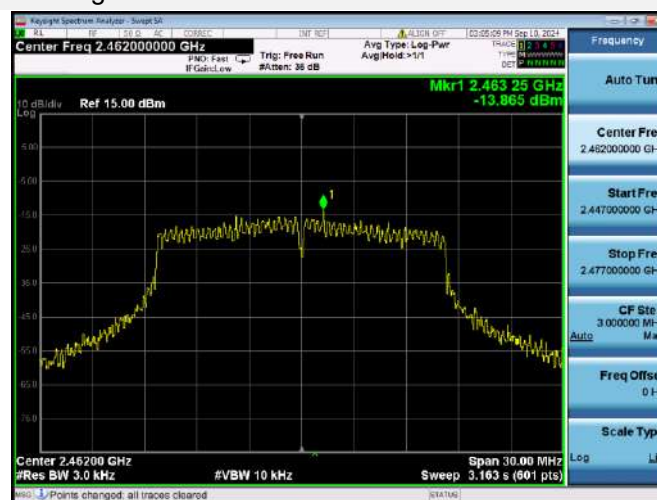
802.11g LOW CHANNEL



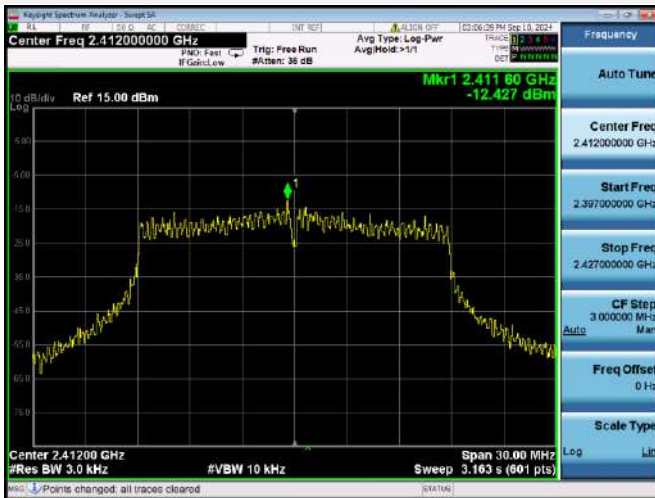
802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL



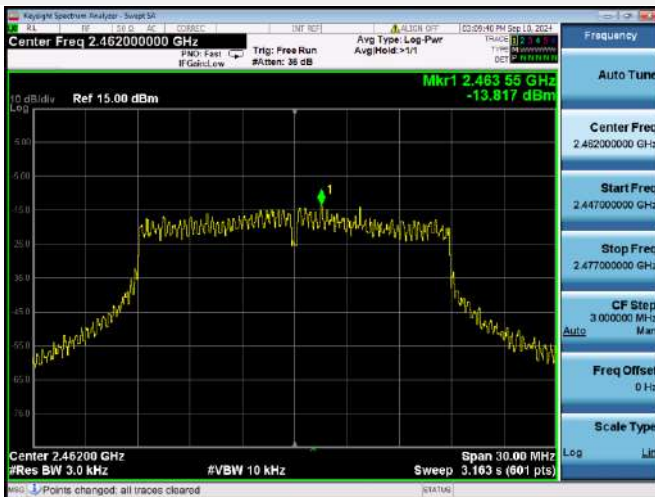
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



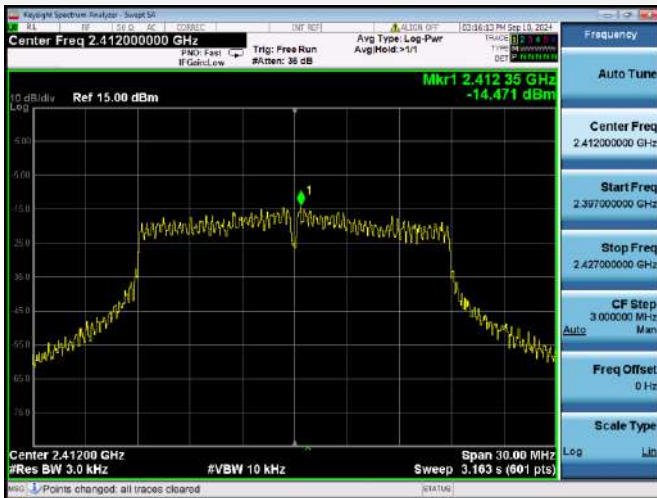
802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



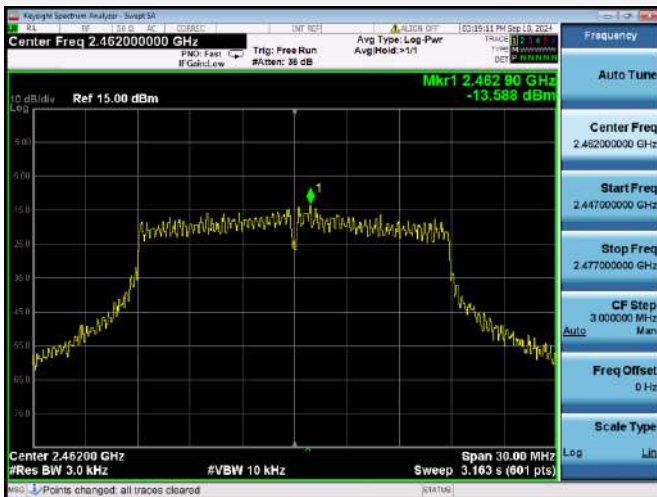
VHT-20 MHz LOW CHANNEL



VHT-20 MHz MIDDLE CHANNEL



VHT-20 MHz HIGH CHANNEL



VHT-40 MHz LOW CHANNEL



VHT-40 MHz MIDDLE CHANNEL



VHT-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



Aux. Antenna

802.11b LOW CHANNEL



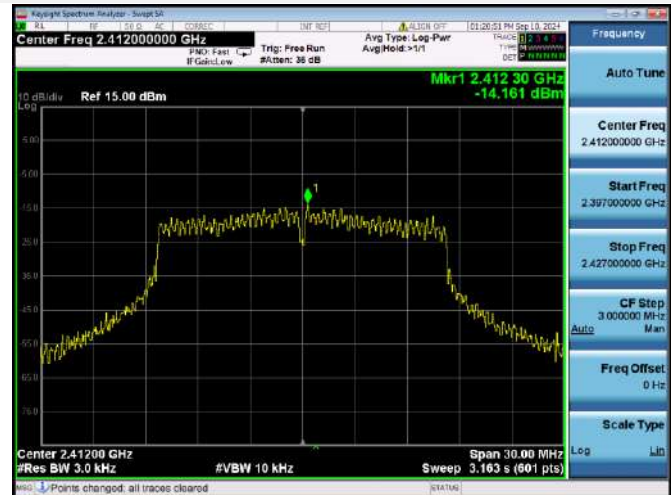
802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



802.11g LOW CHANNEL



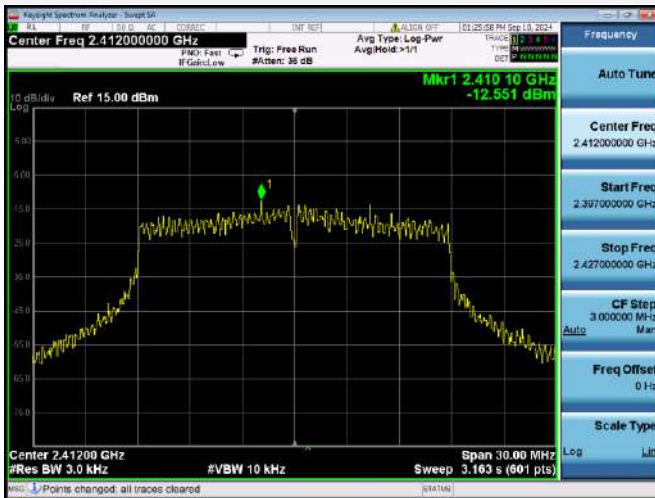
802.11g MIDDLE CHANNEL



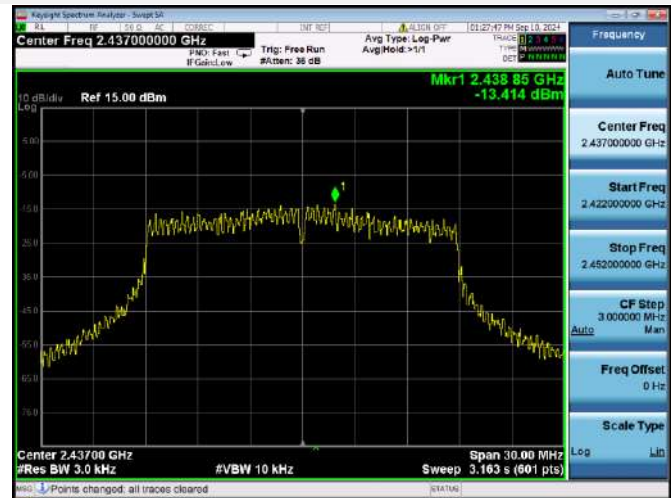
802.11g HIGH CHANNEL



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

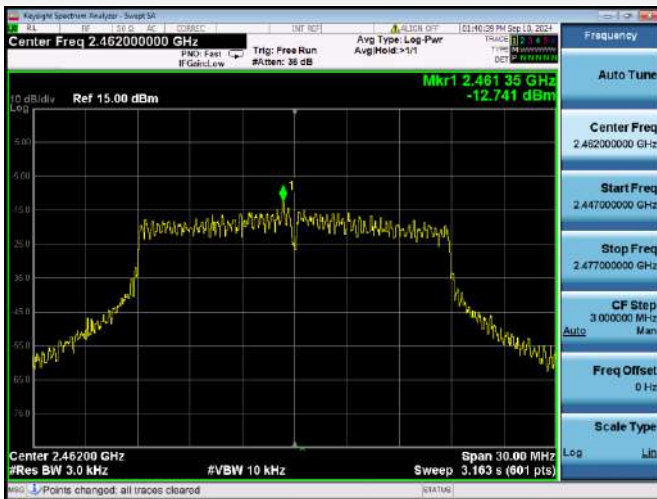


VHT-20 MHz LOW CHANNEL

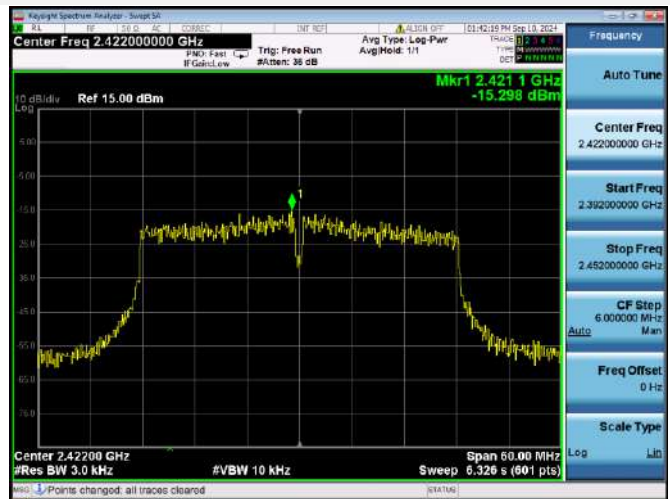
VHT-20 MHz MIDDLE CHANNEL



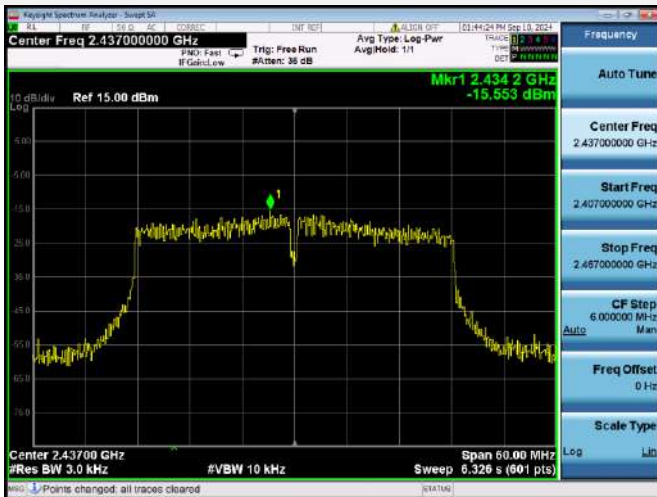
VHT-20 MHz HIGH CHANNEL



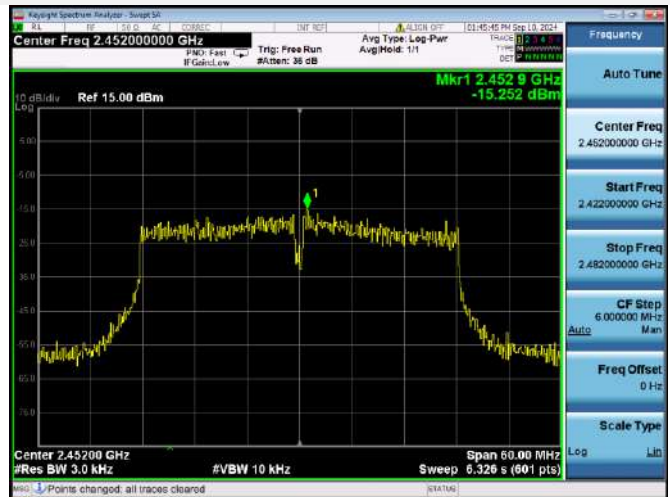
VHT-40 MHz LOW CHANNEL



VHT-40 MHz MIDDLE CHANNEL



VHT-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



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2480856-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2480856-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2480856-AI.PDF”.

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--END OF REPORT--